GOMOS Level 2 Daily Report

SUMMARY

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1. General info

This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM_NL__2P).
It is intended to monitor some important parameters that will impact the quality of these products.
A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

Item	Value
Time of report generation	25APR2013 20:30:21
Data source version	GOMOS/6.01
Start time of products	02-10-2008 (02OCT2008 00:00:00)
Stop time of products	03-10-2008 (03OCT2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	259
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20081002_000613_000000382072_00331_34453_0483.N1	02-OCT-2008 00:06:13	Bright	38.000	74	11Bet Cas	2.2680	6600.0	76	34453	No
2	GOM_NL__2PRFIN20081002_000731_000000402072_00331_34453_0484.N1	02-OCT-2008 00:07:31	Bright	40.000	76	27Gam Cas	2.3000	30000.	80	34453	No
3	GOM_NL__2PRFIN20081002_001414_000000392072_00331_34453_0485.N1	02-OCT-2008 00:14:14	Bright	38.500	49	1Alp UMi	1.9900	6300.0	77	34453	No
4	GOM_NL__2PRFIN20081002_002213_000000352072_00331_34453_0486.N1	02-OCT-2008 00:22:13	Bright	34.500	36	50Alp UMa	1.8000	6300.0	69	34453	No
5	GOM_NL__2PRFIN20081002_002344_000000362072_00331_34453_0487.N1	02-OCT-2008 00:23:44	Bright	35.500	82	48Bet UMa	2.3650	10600.	71	34453	No
6	GOM_NL__2PRFIN20081002_003337_000000362072_00331_34453_0488.N1	02-OCT-2008 00:33:37	Bright	36.000	166	17Eps Leo	2.9800	6000.0	72	34453	No
7	GOM_NL__2PRFIN20081002_004315_000000472072_00331_34453_0489.N1	02-OCT-2008 00:43:15	Twilight	46.500	48	30Alp Hya	1.9770	4100.0	93	34453	No
8	GOM_NL__2PRFIN20081002_005028_000000472072_00331_34453_0490.N1	02-OCT-2008 00:50:28	Dark	46.500	132	15Rho Pup	2.8030	6900.0	93	34453	No
9	GOM_NL__2PRFIN20081002_005255_000000432072_00331_34453_0491.N1	02-OCT-2008 00:52:55	Dark	43.000	65	Lam Vel	2.2040	4400.0	86	34453	No
10	GOM_NL__2PRFIN20081002_005414_000000412072_00331_34453_0492.N1	02-OCT-2008 00:54:14	Dark	40.500	70	Zet Pup	2.2460	39000.	81	34453	No
11	GOM_NL__2PRFIN20081002_005534_000000412072_00331_34453_0493.N1	02-OCT-2008 00:55:34	Dark	41.000	34	Gam2Vel	1.7930	23000.	82	34453	No
12	GOM_NL__2PRFIN20081002_005922_000000432072_00332_34454_0611.N1	02-OCT-2008 00:59:22	Dark	42.500	161	Tau Pup	2.9310	4500.0	85	34454	No
13	GOM_NL__2PRFIN20081002_010047_000000582072_00332_34454_0612.N1	02-OCT-2008 01:00:47	Dark	57.500	2	Alp Car	-0.73600	7000.0	115	34454	No
14	GOM_NL__2PRFIN20081002_011001_000000382072_00332_34454_0613.N1	02-OCT-2008 01:10:01	Dark	38.000	143	Alp Hyi	2.8570	7200.0	76	34454	No
15	GOM_NL__2PRFIN20081002_011129_000000502072_00332_34454_0614.N1	02-OCT-2008 01:11:29	Dark	49.500	9	Alp Eri	0.45300	24000.	99	34454	No
16	GOM_NL__2PRFIN20081002_011648_000000432072_00332_34454_0615.N1	02-OCT-2008 01:16:48	Straylight	43.000	84	Alp Phe	2.3970	4500.0	86	34454	No
17	GOM_NL__2PRFIN20081002_012342_000000482072_00332_34454_0616.N1	02-OCT-2008 01:23:42	Straylight	48.000	52	16Bet Cet	2.0370	4500.0	96	34454	No
18	GOM_NL__2PRFIN20081002_013351_000000362072_00332_34454_0617.N1	02-OCT-2008 01:33:51	Bright	36.000	90	54Alp Peg	2.4870	11000.	72	34454	No
19	GOM_NL__2PRFIN20081002_013728_000000382072_00332_34454_0618.N1	02-OCT-2008 01:37:28	Bright	37.500	93	53Bet Peg	2.5200	3100.0	75	34454	No
20	GOM_NL__2PRFIN20081002_014648_000000382072_00332_34454_0619.N1	02-OCT-2008 01:46:48	Bright	38.000	74	11Bet Cas	2.2680	6600.0	76	34454	No
21	GOM_NL__2PRFIN20081002_014806_000000392072_00332_34454_0620.N1	02-OCT-2008 01:48:06	Bright	38.500	76	27Gam Cas	2.3000	30000.	77	34454	No
22	GOM_NL__2PRFIN20081002_015450_000000352072_00332_34454_0621.N1	02-OCT-2008 01:54:50	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	34454	No
23	GOM_NL__2PRFIN20081002_020249_000000362072_00332_34454_0622.N1	02-OCT-2008 02:02:49	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	34454	No
24	GOM_NL__2PRFIN20081002_020420_000000522072_00332_34454_0623.N1	02-OCT-2008 02:04:20	Bright	52.000	82	48Bet UMa	2.3650	10600.	104	34454	No
25	GOM_NL__2PRFIN20081002_021413_000000362072_00332_34454_0624.N1	02-OCT-2008 02:14:13	Bright	36.000	166	17Eps Leo	2.9800	6000.0	72	34454	No
26	GOM_NL__2PRFIN20081002_022351_000000462072_00332_34454_0625.N1	02-OCT-2008 02:23:51	Twilight	46.000	48	30Alp Hya	1.9770	4100.0	92	34454	No
27	GOM_NL__2PRFIN20081002_023331_000000432072_00332_34454_0626.N1	02-OCT-2008 02:33:31	Dark	42.500	65	Lam Vel	2.2040	4400.0	85	34454	No
28	GOM_NL__2PRFIN20081002_023450_000000422072_00332_34454_0627.N1	02-OCT-2008 02:34:50	Dark	41.500	70	Zet Pup	2.2460	39000.	83	34454	No
29	GOM_NL__2PRFIN20081002_023610_000000402072_00332_34454_0628.N1	02-OCT-2008 02:36:10	Dark	40.000	34	Gam2Vel	1.7930	23000.	80	34454	No
30	GOM_NL__2PRFIN20081002_023959_000000422072_00333_34455_0632.N1	02-OCT-2008 02:39:59	Dark	41.500	161	Tau Pup	2.9310	4500.0	83	34455	No
31	GOM_NL__2PRFIN20081002_024123_000000452072_00333_34455_0633.N1	02-OCT-2008 02:41:23	Dark	45.000	2	Alp Car	-0.73600	7000.0	90	34455	No
32	GOM_NL__2PRFIN20081002_025037_000000372072_00333_34455_0634.N1	02-OCT-2008 02:50:37	Dark	37.000	143	Alp Hyi	2.8570	7200.0	74	34455	No
33	GOM_NL__2PRFIN20081002_025205_000000422072_00333_34455_0635.N1	02-OCT-2008 02:52:05	Dark	41.500	9	Alp Eri	0.45300	24000.	83	34455	No
34	GOM_NL__2PRFIN20081002_025724_000000442072_00333_34455_0636.N1	02-OCT-2008 02:57:24	Straylight	44.000	84	Alp Phe	2.3970	4500.0	88	34455	No
35	GOM_NL__2PRFIN20081002_030418_000000472072_00333_34455_0637.N1	02-OCT-2008 03:04:18	Straylight	47.000	52	16Bet Cet	2.0370	4500.0	94	34455	No
36	GOM_NL__2PRFIN20081002_031427_000000362072_00333_34455_0638.N1	02-OCT-2008 03:14:27	Bright	36.000	90	54Alp Peg	2.4870	11000.	72	34455	No
37	GOM_NL__2PRFIN20081002_031804_000000382072_00333_34455_0639.N1	02-OCT-2008 03:18:04	Bright	38.000	93	53Bet Peg	2.5200	3100.0	76	34455	No
38	GOM_NL__2PRFIN20081002_032724_000000362072_00333_34455_0640.N1	02-OCT-2008 03:27:24	Bright	36.000	74	11Bet Cas	2.2680	6600.0	72	34455	No
39	GOM_NL__2PRFIN20081002_032842_000000392072_00333_34455_0641.N1	02-OCT-2008 03:28:42	Bright	38.500	76	27Gam Cas	2.3000	30000.	77	34455	No
40	GOM_NL__2PRFIN20081002_033526_000000372072_00333_34455_0642.N1	02-OCT-2008 03:35:26	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	34455	No
41	GOM_NL__2PRFIN20081002_034325_000000352072_00333_34455_0643.N1	02-OCT-2008 03:43:25	Bright	34.500	36	50Alp UMa	1.8000	6300.0	69	34455	No
42	GOM_NL__2PRFIN20081002_034456_000000342072_00333_34455_0644.N1	02-OCT-2008 03:44:56	Bright	34.000	82	48Bet UMa	2.3650	10600.	68	34455	No

43	GOM_NL__2PRFIN20081002_035449_000000352072_00333_34455_0645.N1	02-OCT-2008 03:54:49	Bright	35.000	166	17Eps Leo	2.9800	6000.0	70	34455	No
44	GOM_NL__2PRFIN20081002_040427_000000432072_00333_34455_0646.N1	02-OCT-2008 04:04:27	Twilight	43.000	48	30Alp Hya	1.9770	4100.0	86	34455	No
45	GOM_NL__2PRFIN20081002_041141_000000492072_00333_34455_0647.N1	02-OCT-2008 04:11:41	Dark	48.500	132	15Rho Pup	2.8030	6900.0	97	34455	No
46	GOM_NL__2PRFIN20081002_041408_000000442072_00333_34455_0648.N1	02-OCT-2008 04:14:08	Dark	43.500	65	Lam Vel	2.2040	4400.0	87	34455	No
47	GOM_NL__2PRFIN20081002_041527_000000402072_00333_34455_0649.N1	02-OCT-2008 04:15:27	Dark	40.000	70	Zet Pup	2.2460	39000.	80	34455	No
48	GOM_NL__2PRFIN20081002_041647_000000422072_00333_34455_0650.N1	02-OCT-2008 04:16:47	Dark	41.500	34	Gam2Vel	1.7930	23000.	83	34455	No
49	GOM_NL__2PRFIN20081002_042036_000000432072_00334_34456_0651.N1	02-OCT-2008 04:20:36	Dark	43.000	161	Tau Pup	2.9310	4500.0	86	34456	No
50	GOM_NL__2PRFIN20081002_042200_000000482072_00334_34456_0652.N1	02-OCT-2008 04:22:00	Dark	47.500	2	Alp Car	-0.73600	7000.0	95	34456	No
51	GOM_NL__2PRFIN20081002_043114_000000402072_00334_34456_0653.N1	02-OCT-2008 04:31:14	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	34456	No
52	GOM_NL__2PRFIN20081002_043241_000000512072_00334_34456_0654.N1	02-OCT-2008 04:32:41	Dark	51.000	9	Alp Eri	0.45300	24000.	102	34456	No
53	GOM_NL__2PRFIN20081002_043801_000000432072_00334_34456_0655.N1	02-OCT-2008 04:38:01	Straylight	43.000	84	Alp Phe	2.3970	4500.0	86	34456	No
54	GOM_NL__2PRFIN20081002_044454_000000492072_00334_34456_0656.N1	02-OCT-2008 04:44:54	Straylight	48.500	52	16Bet Cet	2.0370	4500.0	97	34456	No
55	GOM_NL__2PRFIN20081002_045503_000000372072_00334_34456_0657.N1	02-OCT-2008 04:55:03	Bright	36.500	90	54Alp Peg	2.4870	11000.	73	34456	No
56	GOM_NL__2PRFIN20081002_045840_000000382072_00334_34456_0658.N1	02-OCT-2008 04:58:40	Bright	37.500	93	53Bet Peg	2.5200	3100.0	75	34456	No
57	GOM_NL__2PRFIN20081002_050800_000000382072_00334_34456_0659.N1	02-OCT-2008 05:08:00	Bright	38.000	74	11Bet Cas	2.2680	6600.0	76	34456	No
58	GOM_NL__2PRFIN20081002_050918_000000382072_00334_34456_0660.N1	02-OCT-2008 05:09:18	Bright	38.000	76	27Gam Cas	2.3000	30000.	76	34456	No
59	GOM_NL__2PRFIN20081002_051602_000000352072_00334_34456_0661.N1	02-OCT-2008 05:16:02	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	34456	No
60	GOM_NL__2PRFIN20081002_052401_000000372072_00334_34456_0662.N1	02-OCT-2008 05:24:01	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	34456	No
61	GOM_NL__2PRFIN20081002_052532_000000352072_00334_34456_0663.N1	02-OCT-2008 05:25:32	Bright	35.000	82	48Bet UMa	2.3650	10600.	70	34456	No
62	GOM_NL__2PRFIN20081002_053526_000000362072_00334_34456_0664.N1	02-OCT-2008 05:35:26	Bright	35.500	166	17Eps Leo	2.9800	6000.0	71	34456	No
63	GOM_NL__2PRFIN20081002_054504_000000472072_00334_34456_0665.N1	02-OCT-2008 05:45:04	Twilight	47.000	48	30Alp Hya	1.9770	4100.0	94	34456	No
64	GOM_NL__2PRFIN20081002_055218_000000482072_00334_34456_0666.N1	02-OCT-2008 05:52:18	Dark	47.500	132	15Rho Pup	2.8030	6900.0	95	34456	No
65	GOM_NL__2PRFIN20081002_055444_000000442072_00334_34456_0667.N1	02-OCT-2008 05:54:44	Dark	44.000	65	Lam Vel	2.2040	4400.0	88	34456	No
66	GOM_NL__2PRFIN20081002_055723_000000412072_00334_34456_0668.N1	02-OCT-2008 05:57:23	Dark	41.000	34	Gam2Vel	1.7930	23000.	82	34456	No
67	GOM_NL__2PRFIN20081002_060112_000000432072_00335_34457_0674.N1	02-OCT-2008 06:01:12	Dark	42.500	161	Tau Pup	2.9310	4500.0	85	34457	No
68	GOM_NL__2PRFIN20081002_060237_000000602072_00335_34457_0675.N1	02-OCT-2008 06:02:37	Dark	59.500	2	Alp Car	-0.73600	7000.0	119	34457	No
69	GOM_NL__2PRFIN20081002_061150_000000382072_00335_34457_0676.N1	02-OCT-2008 06:11:50	Dark	37.500	143	Alp Hyi	2.8570	7200.0	75	34457	No
70	GOM_NL__2PRFIN20081002_061318_000000432072_00335_34457_0677.N1	02-OCT-2008 06:13:18	Dark	43.000	9	Alp Eri	0.45300	24000.	86	34457	No
71	GOM_NL__2PRFIN20081002_061837_000000412072_00335_34457_0678.N1	02-OCT-2008 06:18:37	Straylight	41.000	84	Alp Phe	2.3970	4500.0	82	34457	No
72	GOM_NL__2PRFIN20081002_062530_000000482072_00335_34457_0679.N1	02-OCT-2008 06:25:30	Straylight	48.000	52	16Bet Cet	2.0370	4500.0	96	34457	No
73	GOM_NL__2PRFIN20081002_063539_000000372072_00335_34457_0680.N1	02-OCT-2008 06:35:39	Bright	37.000	90	54Alp Peg	2.4870	11000.	74	34457	No
74	GOM_NL__2PRFIN20081002_063916_000000372072_00335_34457_0681.N1	02-OCT-2008 06:39:16	Bright	36.500	93	53Bet Peg	2.5200	3100.0	73	34457	No
75	GOM_NL__2PRFIN20081002_064836_000000392072_00335_34457_0682.N1	02-OCT-2008 06:48:36	Bright	38.500	74	11Bet Cas	2.2680	6600.0	77	34457	No
76	GOM_NL__2PRFIN20081002_064953_000000402072_00335_34457_0683.N1	02-OCT-2008 06:49:53	Bright	39.500	76	27Gam Cas	2.3000	30000.	79	34457	No
77	GOM_NL__2PRFIN20081002_065638_000000362072_00335_34457_0684.N1	02-OCT-2008 06:56:38	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	34457	No
78	GOM_NL__2PRFIN20081002_070437_000000372072_00335_34457_0685.N1	02-OCT-2008 07:04:37	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	34457	No
79	GOM_NL__2PRFIN20081002_070608_000000352072_00335_34457_0686.N1	02-OCT-2008 07:06:08	Bright	35.000	82	48Bet UMa	2.3650	10600.	70	34457	No
80	GOM_NL__2PRFIN20081002_071602_000000352072_00335_34457_0687.N1	02-OCT-2008 07:16:02	Bright	35.000	166	17Eps Leo	2.9800	6000.0	70	34457	No
81	GOM_NL__2PRFIN20081002_072540_000000492072_00335_34457_0688.N1	02-OCT-2008 07:25:40	Twilight	48.500	48	30Alp Hya	1.9770	4100.0	97	34457	No
82	GOM_NL__2PRFIN20081002_073255_000000472072_00335_34457_0689.N1	02-OCT-2008 07:32:55	Dark	46.500	132	15Rho Pup	2.8030	6900.0	93	34457	No
83	GOM_NL__2PRFIN20081002_073520_000000462072_00335_34457_0690.N1	02-OCT-2008 07:35:20	Dark	45.500	65	Lam Vel	2.2040	4400.0	91	34457	No
84	GOM_NL__2PRFIN20081002_073800_000000432072_00335_34457_0691.N1	02-OCT-2008 07:38:00	Dark	43.000	34	Gam2Vel	1.7930	23000.	86	34457	No
85	GOM_NL__2PRFIN20081002_074149_000000432072_00336_34458_0708.N1	02-OCT-2008 07:41:49	Dark	42.500	161	Tau Pup	2.9310	4500.0	85	34458	No
86	GOM_NL__2PRFIN20081002_074314_000000492072_00336_34458_0709.N1	02-OCT-2008 07:43:14	Dark	48.500	2	Alp Car	-0.73600	7000.0	97	34458	No
87	GOM_NL__2PRFIN20081002_075226_000000382072_00336_34458_0710.N1	02-OCT-2008 07:52:26	Dark	37.500	143	Alp Hyi	2.8570	7200.0	75	34458	No
88	GOM_NL__2PRFIN20081002_075354_000000512072_00336_34458_0711.N1	02-OCT-2008 07:53:54	Dark	50.500	9	Alp Eri	0.45300	24000.	101	34458	No
89	GOM_NL__2PRFIN20081002_075913_000000412072_00336_34458_0712.N1	02-OCT-2008 07:59:13	Straylight	40.500	84	Alp Phe	2.3970	4500.0	81	34458	No
90	GOM_NL__2PRFIN20081002_080606_000000452072_00336_34458_0713.N1	02-OCT-2008 08:06:06	Straylight	45.000	52	16Bet Cet	2.0370	4500.0	90	34458	No
91	GOM_NL__2PRFIN20081002_081615_000000372072_00336_34458_0714.N1	02-OCT-2008 08:16:15	Bright	36.500	90	54Alp Peg	2.4870	11000.	73	34458	No
92	GOM_NL__2PRFIN20081002_081952_000000352072_00336_34458_0715.N1	02-OCT-2008 08:19:52	Bright	35.000	93	53Bet Peg	2.5200	3100.0	70	34458	No
93	GOM_NL__2PRFIN20081002_082911_000000382072_00336_34458_0716.N1	02-OCT-2008 08:29:11	Bright	37.500	74	11Bet Cas	2.2680	6600.0	75	34458	No
94	GOM_NL__2PRFIN20081002_083029_000000402072_00336_34458_0717.N1	02-OCT-2008 08:30:29	Bright	39.500	76	27Gam Cas	2.3000	30000.	79	34458	No
95	GOM_NL__2PRFIN20081002_083714_000000342072_00336_34458_0718.N1	02-OCT-2008 08:37:14	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	34458	No
96	GOM_NL__2PRFIN20081002_084514_000000372072_00336_34458_0719.N1	02-OCT-2008 08:45:14	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	34458	No
97	GOM_NL__2PRFIN20081002_084644_000000342072_00336_34458_0720.N1	02-OCT-2008 08:46:44	Bright	34.000	82	48Bet UMa	2.3650	10600.	68	34458	No
98	GOM_NL__2PRFIN20081002_085638_000000342072_00336_34458_0721.N1	02-OCT-2008 08:56:38	Bright	33.500	166	17Eps Leo	2.9800	6000.0	67	34458	No
99	GOM_NL__2PRFIN20081002_090616_000000492072_00336_34458_0722.N1	02-OCT-2008 09:06:16	Twilight	49.000	48	30Alp Hya	1.9770	4100.0	98	34458	No
100	GOM_NL__2PRFIN20081002_091332_000000492072_00336_34458_0723.N1	02-OCT-2008 09:13:32	Dark	48.500	132	15Rho Pup	2.8030	6900.0	97	34458	No
101	GOM_NL__2PRFIN20081002_091557_000000452072_00336_34458_0724.N1	02-OCT-2008 09:15:57	Dark	45.000	65	Lam Vel	2.2040	4400.0	90	34458	No

102	GOM_NL__2PRFIN20081002_091836_000000422072_00336_34458_0725.N1	02-OCT-2008 09:18:36	Dark	42.000	34	Gam2Vel	1.7930	23000.	84	34458	No
103	GOM_NL__2PRFIN20081002_092226_000000432072_00337_34459_0730.N1	02-OCT-2008 09:22:26	Dark	43.000	161	Tau Pup	2.9310	4500.0	86	34459	No
104	GOM_NL__2PRFIN20081002_092350_000000472072_00337_34459_0731.N1	02-OCT-2008 09:23:50	Dark	47.000	2	Alp Car	-0.73600	7000.0	94	34459	No
105	GOM_NL__2PRFIN20081002_093303_000000382072_00337_34459_0732.N1	02-OCT-2008 09:33:03	Dark	38.000	143	Alp Hyi	2.8570	7200.0	76	34459	No
106	GOM_NL__2PRFIN20081002_093430_000000452072_00337_34459_0733.N1	02-OCT-2008 09:34:30	Dark	45.000	9	Alp Eri	0.45300	24000.	90	34459	No
107	GOM_NL__2PRFIN20081002_093949_000000402072_00337_34459_0734.N1	02-OCT-2008 09:39:49	Straylight	40.000	84	Alp Phe	2.3970	4500.0	80	34459	No
108	GOM_NL__2PRFIN20081002_094642_000000462072_00337_34459_0735.N1	02-OCT-2008 09:46:42	Straylight	45.500	52	16Bet Cet	2.0370	4500.0	91	34459	No
109	GOM_NL__2PRFIN20081002_095651_000000362072_00337_34459_0736.N1	02-OCT-2008 09:56:51	Bright	36.000	90	54Alp Peg	2.4870	11000.	72	34459	No
110	GOM_NL__2PRFIN20081002_100028_000000382072_00337_34459_0737.N1	02-OCT-2008 10:00:28	Bright	38.000	93	53Bet Peg	2.5200	3100.0	76	34459	No
111	GOM_NL__2PRFIN20081002_100947_000000382072_00337_34459_0738.N1	02-OCT-2008 10:09:47	Bright	38.000	74	11Bet Cas	2.2680	6600.0	76	34459	No
112	GOM_NL__2PRFIN20081002_101104_000000392072_00337_34459_0739.N1	02-OCT-2008 10:11:04	Bright	39.000	76	27Gam Cas	2.3000	30000.	78	34459	No
113	GOM_NL__2PRFIN20081002_101750_000000372072_00337_34459_0740.N1	02-OCT-2008 10:17:50	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	34459	No
114	GOM_NL__2PRFIN20081002_102550_000000372072_00337_34459_0741.N1	02-OCT-2008 10:25:50	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	34459	No
115	GOM_NL__2PRFIN20081002_102720_000000352072_00337_34459_0742.N1	02-OCT-2008 10:27:20	Bright	35.000	82	48Bet UMa	2.3650	10600.	70	34459	No
116	GOM_NL__2PRFIN20081002_103714_000000332072_00337_34459_0743.N1	02-OCT-2008 10:37:14	Bright	33.000	166	17Eps Leo	2.9800	6000.0	66	34459	No
117	GOM_NL__2PRFIN20081002_104653_000000472072_00337_34459_0744.N1	02-OCT-2008 10:46:53	Twilight	47.000	48	30Alp Hya	1.9770	4100.0	94	34459	No
118	GOM_NL__2PRFIN20081002_105409_000000492072_00337_34459_0745.N1	02-OCT-2008 10:54:09	Dark	49.000	132	15Rho Pup	2.8030	6900.0	98	34459	No
119	GOM_NL__2PRFIN20081002_105633_000000422072_00337_34459_0746.N1	02-OCT-2008 10:56:33	Dark	42.000	65	Lam Vel	2.2040	4400.0	84	34459	No
120	GOM_NL__2PRFIN20081002_105913_000000422072_00337_34459_0747.N1	02-OCT-2008 10:59:13	Dark	42.000	34	Gam2Vel	1.7930	23000.	84	34459	No
121	GOM_NL__2PRFIN20081002_110303_000000432072_00338_34460_0751.N1	02-OCT-2008 11:03:03	Dark	42.500	161	Tau Pup	2.9310	4500.0	85	34460	No
122	GOM_NL__2PRFIN20081002_110427_000000542072_00338_34460_0752.N1	02-OCT-2008 11:04:27	Dark	54.000	2	Alp Car	-0.73600	7000.0	108	34460	No
123	GOM_NL__2PRFIN20081002_111339_000000382072_00338_34460_0753.N1	02-OCT-2008 11:13:39	Dark	37.500	143	Alp Hyi	2.8570	7200.0	75	34460	No
124	GOM_NL__2PRFIN20081002_111507_000000492072_00338_34460_0754.N1	02-OCT-2008 11:15:07	Dark	49.000	9	Alp Eri	0.45300	24000.	98	34460	No
125	GOM_NL__2PRFIN20081002_112026_000000432072_00338_34460_0755.N1	02-OCT-2008 11:20:26	Straylight	43.000	84	Alp Phe	2.3970	4500.0	86	34460	No
126	GOM_NL__2PRFIN20081002_112718_000000482072_00338_34460_0756.N1	02-OCT-2008 11:27:18	Straylight	48.000	52	16Bet Cet	2.0370	4500.0	96	34460	No
127	GOM_NL__2PRFIN20081002_113727_000000362072_00338_34460_0757.N1	02-OCT-2008 11:37:27	Bright	35.500	90	54Alp Peg	2.4870	11000.	71	34460	No
128	GOM_NL__2PRFIN20081002_114104_000000382072_00338_34460_0758.N1	02-OCT-2008 11:41:04	Bright	38.000	93	53Bet Peg	2.5200	3100.0	76	34460	No
129	GOM_NL__2PRFIN20081002_115023_000000392072_00338_34460_0759.N1	02-OCT-2008 11:50:23	Bright	38.500	74	11Bet Cas	2.2680	6600.0	77	34460	No
130	GOM_NL__2PRFIN20081002_115140_000000392072_00338_34460_0760.N1	02-OCT-2008 11:51:40	Bright	38.500	76	27Gam Cas	2.3000	30000.	77	34460	No
131	GOM_NL__2PRFIN20081002_115826_000000362072_00338_34460_0761.N1	02-OCT-2008 11:58:26	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	34460	No
132	GOM_NL__2PRFIN20081002_120625_000000342072_00338_34460_0762.N1	02-OCT-2008 12:06:25	Bright	34.000	36	50Alp UMa	1.8000	6300.0	68	34460	No
133	GOM_NL__2PRFIN20081002_120756_000000332072_00338_34460_0763.N1	02-OCT-2008 12:07:56	Bright	33.000	82	48Bet UMa	2.3650	10600.	66	34460	No
134	GOM_NL__2PRFIN20081002_121750_000000362072_00338_34460_0764.N1	02-OCT-2008 12:17:50	Bright	36.000	166	17Eps Leo	2.9800	6000.0	72	34460	No
135	GOM_NL__2PRFIN20081002_122729_000000502072_00338_34460_0765.N1	02-OCT-2008 12:27:29	Twilight	50.000	48	30Alp Hya	1.9770	4100.0	100	34460	No
136	GOM_NL__2PRFIN20081002_123445_000000482072_00338_34460_0766.N1	02-OCT-2008 12:34:45	Dark	47.500	132	15Rho Pup	2.8030	6900.0	95	34460	No
137	GOM_NL__2PRFIN20081002_123709_000000412072_00338_34460_0767.N1	02-OCT-2008 12:37:09	Dark	41.000	65	Lam Vel	2.2040	4400.0	82	34460	No
138	GOM_NL__2PRFIN20081002_123949_000000412072_00338_34460_0768.N1	02-OCT-2008 12:39:49	Dark	41.000	34	Gam2Vel	1.7930	23000.	82	34460	No
139	GOM_NL__2PRFIN20081002_124339_000000432072_00339_34461_0767.N1	02-OCT-2008 12:43:39	Dark	42.500	161	Tau Pup	2.9310	4500.0	85	34461	No
140	GOM_NL__2PRFIN20081002_124503_000000472072_00339_34461_0768.N1	02-OCT-2008 12:45:03	Dark	46.500	2	Alp Car	-0.73600	7000.0	93	34461	No
141	GOM_NL__2PRFIN20081002_125415_000000382072_00339_34461_0769.N1	02-OCT-2008 12:54:15	Dark	38.000	143	Alp Hyi	2.8570	7200.0	76	34461	No
142	GOM_NL__2PRFIN20081002_125543_000000422072_00339_34461_0770.N1	02-OCT-2008 12:55:43	Dark	41.500	9	Alp Eri	0.45300	24000.	83	34461	No
143	GOM_NL__2PRFIN20081002_130102_000000382072_00339_34461_0771.N1	02-OCT-2008 13:01:02	Straylight	38.000	84	Alp Phe	2.3970	4500.0	76	34461	No
144	GOM_NL__2PRFIN20081002_130754_000000492072_00339_34461_0772.N1	02-OCT-2008 13:07:54	Straylight	48.500	52	16Bet Cet	2.0370	4500.0	97	34461	No
145	GOM_NL__2PRFIN20081002_131803_000000372072_00339_34461_0773.N1	02-OCT-2008 13:18:03	Bright	36.500	90	54Alp Peg	2.4870	11000.	73	34461	No
146	GOM_NL__2PRFIN20081002_132140_000000352072_00339_34461_0774.N1	02-OCT-2008 13:21:40	Bright	34.500	93	53Bet Peg	2.5200	3100.0	69	34461	No
147	GOM_NL__2PRFIN20081002_133058_000000382072_00339_34461_0775.N1	02-OCT-2008 13:30:58	Bright	38.000	74	11Bet Cas	2.2680	6600.0	76	34461	No
148	GOM_NL__2PRFIN20081002_133215_000000402072_00339_34461_0776.N1	02-OCT-2008 13:32:15	Bright	39.500	76	27Gam Cas	2.3000	30000.	79	34461	No
149	GOM_NL__2PRFIN20081002_133901_000000342072_00339_34461_0777.N1	02-OCT-2008 13:39:01	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	34461	No
150	GOM_NL__2PRFIN20081002_134701_000000362072_00339_34461_0778.N1	02-OCT-2008 13:47:01	Bright	35.500	36	50Alp UMa	1.8000	6300.0	71	34461	No
151	GOM_NL__2PRFIN20081002_134832_000000352072_00339_34461_0779.N1	02-OCT-2008 13:48:32	Bright	34.500	82	48Bet UMa	2.3650	10600.	69	34461	No
152	GOM_NL__2PRFIN20081002_135826_000000352072_00339_34461_0780.N1	02-OCT-2008 13:58:26	Bright	34.500	166	17Eps Leo	2.9800	6000.0	69	34461	No
153	GOM_NL__2PRFIN20081002_140805_000000482072_00339_34461_0781.N1	02-OCT-2008 14:08:05	Twilight	47.500	48	30Alp Hya	1.9770	4100.0	95	34461	No
154	GOM_NL__2PRFIN20081002_141522_000000472072_00339_34461_0782.N1	02-OCT-2008 14:15:22	Dark	47.000	132	15Rho Pup	2.8030	6900.0	94	34461	No
155	GOM_NL__2PRFIN20081002_141746_000000432072_00339_34461_0783.N1	02-OCT-2008 14:17:46	Dark	42.500	65	Lam Vel	2.2040	4400.0	85	34461	No
156	GOM_NL__2PRFIN20081002_142026_000000392072_00339_34461_0784.N1	02-OCT-2008 14:20:26	Dark	39.000	34	Gam2Vel	1.7930	23000.	78	34461	No
157	GOM_NL__2PRFIN20081002_142416_000000432072_00340_34462_0792.N1	02-OCT-2008 14:24:16	Dark	42.500	161	Tau Pup	2.9310	4500.0	85	34462	No
158	GOM_NL__2PRFIN20081002_142540_000000602072_00340_34462_0793.N1	02-OCT-2008 14:25:40	Dark	60.000	2	Alp Car	-0.73600	7000.0	120	34462	No
159	GOM_NL__2PRFIN20081002_143451_000000382072_00340_34462_0794.N1	02-OCT-2008 14:34:51	Dark	38.000	143	Alp Hyi	2.8570	7200.0	76	34462	No
160	GOM_NL__2PRFIN20081002_143619_000000412072_00340_34462_0795.N1	02-OCT-2008 14:36:19	Dark	40.500	9	Alp Eri	0.45300	24000.	81	34462	No

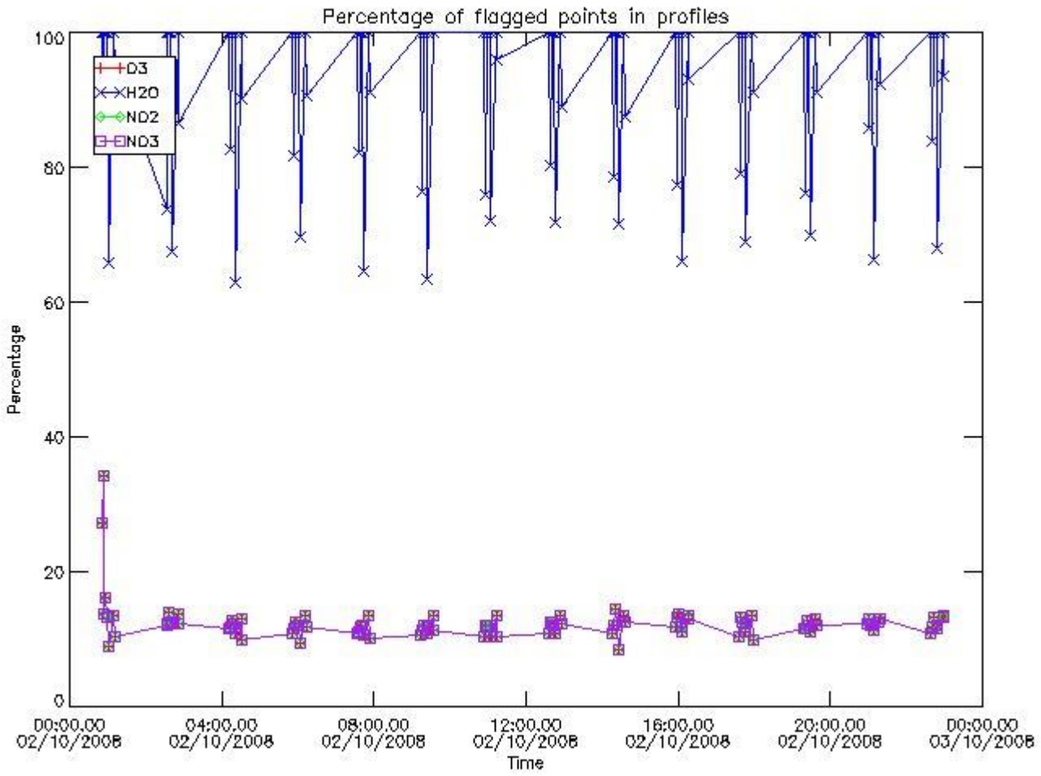
161	GOM_NL__2PRFIN20081002_144138_000000402072_00340_34462_0796.N1	02-OCT-2008 14:41:38	Straylight	39.500	84	Alp Phe	2.3970	4500.0	79	34462	No
162	GOM_NL__2PRFIN20081002_144830_000000492072_00340_34462_0797.N1	02-OCT-2008 14:48:30	Straylight	48.500	52	16Bet Cet	2.0370	4500.0	97	34462	No
163	GOM_NL__2PRFIN20081002_145839_000000372072_00340_34462_0798.N1	02-OCT-2008 14:58:39	Bright	36.500	90	54Alp Peg	2.4870	11000.	73	34462	No
164	GOM_NL__2PRFIN20081002_150216_000000362072_00340_34462_0799.N1	02-OCT-2008 15:02:16	Bright	35.500	93	53Bet Peg	2.5200	3100.0	71	34462	No
165	GOM_NL__2PRFIN20081002_151134_000000382072_00340_34462_0800.N1	02-OCT-2008 15:11:34	Bright	38.000	74	11Bet Cas	2.2680	6600.0	76	34462	No
166	GOM_NL__2PRFIN20081002_151251_000000402072_00340_34462_0801.N1	02-OCT-2008 15:12:51	Bright	40.000	76	27Gam Cas	2.3000	30000.	80	34462	No
167	GOM_NL__2PRFIN20081002_151937_000000372072_00340_34462_0802.N1	02-OCT-2008 15:19:37	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	34462	No
168	GOM_NL__2PRFIN20081002_152738_000000372072_00340_34462_0803.N1	02-OCT-2008 15:27:38	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	34462	No
169	GOM_NL__2PRFIN20081002_152908_000000342072_00340_34462_0804.N1	02-OCT-2008 15:29:08	Bright	34.000	82	48Bet UMa	2.3650	10600.	68	34462	No
170	GOM_NL__2PRFIN20081002_153902_000000362072_00340_34462_0805.N1	02-OCT-2008 15:39:02	Bright	36.000	166	17Eps Leo	2.9800	6000.0	72	34462	No
171	GOM_NL__2PRFIN20081002_154842_000000482072_00340_34462_0806.N1	02-OCT-2008 15:48:42	Twilight	48.000	48	30Alp Hya	1.9770	4100.0	96	34462	No
172	GOM_NL__2PRFIN20081002_155559_000000442072_00340_34462_0807.N1	02-OCT-2008 15:55:59	Dark	43.500	132	15Rho Pup	2.8030	6900.0	87	34462	No
173	GOM_NL__2PRFIN20081002_155822_000000432072_00340_34462_0808.N1	02-OCT-2008 15:58:22	Dark	42.500	65	Lam Vel	2.2040	4400.0	85	34462	No
174	GOM_NL__2PRFIN20081002_160102_000000412072_00340_34462_0809.N1	02-OCT-2008 16:01:02	Dark	41.000	34	Gam2Vel	1.7930	23000.	82	34462	No
175	GOM_NL__2PRFIN20081002_160453_000000432072_00341_34463_0831.N1	02-OCT-2008 16:04:53	Dark	43.000	161	Tau Pup	2.9310	4500.0	86	34463	No
176	GOM_NL__2PRFIN20081002_160617_000000462072_00341_34463_0832.N1	02-OCT-2008 16:06:17	Dark	46.000	2	Alp Car	-0.73600	7000.0	92	34463	No
177	GOM_NL__2PRFIN20081002_161528_000000382072_00341_34463_0833.N1	02-OCT-2008 16:15:28	Dark	38.000	143	Alp Hyi	2.8570	7200.0	76	34463	No
178	GOM_NL__2PRFIN20081002_161655_000000432072_00341_34463_0834.N1	02-OCT-2008 16:16:55	Dark	43.000	9	Alp Eri	0.45300	24000.	86	34463	No
179	GOM_NL__2PRFIN20081002_162214_000000452072_00341_34463_0835.N1	02-OCT-2008 16:22:14	Straylight	44.500	84	Alp Phe	2.3970	4500.0	89	34463	No
180	GOM_NL__2PRFIN20081002_162907_000000492072_00341_34463_0836.N1	02-OCT-2008 16:29:07	Straylight	48.500	52	16Bet Cet	2.0370	4500.0	97	34463	No
181	GOM_NL__2PRFIN20081002_163915_000000362072_00341_34463_0837.N1	02-OCT-2008 16:39:15	Bright	36.000	90	54Alp Peg	2.4870	11000.	72	34463	No
182	GOM_NL__2PRFIN20081002_164252_000000382072_00341_34463_0838.N1	02-OCT-2008 16:42:52	Bright	37.500	93	53Bet Peg	2.5200	3100.0	75	34463	No
183	GOM_NL__2PRFIN20081002_165210_000000382072_00341_34463_0839.N1	02-OCT-2008 16:52:10	Bright	38.000	74	11Bet Cas	2.2680	6600.0	76	34463	No
184	GOM_NL__2PRFIN20081002_165327_000000402072_00341_34463_0840.N1	02-OCT-2008 16:53:27	Bright	39.500	76	27Gam Cas	2.3000	30000.	79	34463	No
185	GOM_NL__2PRFIN20081002_170013_000000372072_00341_34463_0841.N1	02-OCT-2008 17:00:13	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	34463	No
186	GOM_NL__2PRFIN20081002_170814_000000342072_00341_34463_0842.N1	02-OCT-2008 17:08:14	Bright	34.000	36	50Alp UMa	1.8000	6300.0	68	34463	No
187	GOM_NL__2PRFIN20081002_170944_000000342072_00341_34463_0843.N1	02-OCT-2008 17:09:44	Bright	33.500	82	48Bet UMa	2.3650	10600.	67	34463	No
188	GOM_NL__2PRFIN20081002_171939_000000362072_00341_34463_0844.N1	02-OCT-2008 17:19:39	Bright	36.000	166	17Eps Leo	2.9800	6000.0	72	34463	No
189	GOM_NL__2PRFIN20081002_172918_000000452072_00341_34463_0845.N1	02-OCT-2008 17:29:18	Twilight	44.500	48	30Alp Hya	1.9770	4100.0	89	34463	No
190	GOM_NL__2PRFIN20081002_173636_000000502072_00341_34463_0846.N1	02-OCT-2008 17:36:36	Dark	49.500	132	15Rho Pup	2.8030	6900.0	99	34463	No
191	GOM_NL__2PRFIN20081002_173858_000000392072_00341_34463_0847.N1	02-OCT-2008 17:38:58	Dark	38.500	65	Lam Vel	2.2040	4400.0	77	34463	No
192	GOM_NL__2PRFIN20081002_174139_000000412072_00341_34463_0848.N1	02-OCT-2008 17:41:39	Dark	40.500	34	Gam2Vel	1.7930	23000.	81	34463	No
193	GOM_NL__2PRFIN20081002_174529_000000462072_00342_34464_0854.N1	02-OCT-2008 17:45:29	Dark	45.500	161	Tau Pup	2.9310	4500.0	91	34464	No
194	GOM_NL__2PRFIN20081002_174654_000000462072_00342_34464_0855.N1	02-OCT-2008 17:46:54	Dark	45.500	2	Alp Car	-0.73600	7000.0	91	34464	No
195	GOM_NL__2PRFIN20081002_175604_000000382072_00342_34464_0856.N1	02-OCT-2008 17:56:04	Dark	38.000	143	Alp Hyi	2.8570	7200.0	76	34464	No
196	GOM_NL__2PRFIN20081002_175732_000000512072_00342_34464_0857.N1	02-OCT-2008 17:57:32	Dark	51.000	9	Alp Eri	0.45300	24000.	102	34464	No
197	GOM_NL__2PRFIN20081002_180250_000000432072_00342_34464_0858.N1	02-OCT-2008 18:02:50	Straylight	42.500	84	Alp Phe	2.3970	4500.0	85	34464	No
198	GOM_NL__2PRFIN20081002_180943_000000492072_00342_34464_0859.N1	02-OCT-2008 18:09:43	Straylight	48.500	52	16Bet Cet	2.0370	4500.0	97	34464	No
199	GOM_NL__2PRFIN20081002_181951_000000372072_00342_34464_0860.N1	02-OCT-2008 18:19:51	Bright	36.500	90	54Alp Peg	2.4870	11000.	73	34464	No
200	GOM_NL__2PRFIN20081002_182328_000000372072_00342_34464_0861.N1	02-OCT-2008 18:23:28	Bright	36.500	93	53Bet Peg	2.5200	3100.0	73	34464	No
201	GOM_NL__2PRFIN20081002_183246_000000392072_00342_34464_0862.N1	02-OCT-2008 18:32:46	Bright	38.500	74	11Bet Cas	2.2680	6600.0	77	34464	No
202	GOM_NL__2PRFIN20081002_183402_000000402072_00342_34464_0863.N1	02-OCT-2008 18:34:02	Bright	39.500	76	27Gam Cas	2.3000	30000.	79	34464	No
203	GOM_NL__2PRFIN20081002_184049_000000362072_00342_34464_0864.N1	02-OCT-2008 18:40:49	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	34464	No
204	GOM_NL__2PRFIN20081002_184850_000000372072_00342_34464_0865.N1	02-OCT-2008 18:48:50	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	34464	No
205	GOM_NL__2PRFIN20081002_185020_000000352072_00342_34464_0866.N1	02-OCT-2008 18:50:20	Bright	35.000	82	48Bet UMa	2.3650	10600.	70	34464	No
206	GOM_NL__2PRFIN20081002_190015_000000352072_00342_34464_0867.N1	02-OCT-2008 19:00:15	Bright	35.000	166	17Eps Leo	2.9800	6000.0	70	34464	No
207	GOM_NL__2PRFIN20081002_190955_000000442072_00342_34464_0868.N1	02-OCT-2008 19:09:55	Twilight	44.000	48	30Alp Hya	1.9770	4100.0	88	34464	No
208	GOM_NL__2PRFIN20081002_191713_000000482072_00342_34464_0869.N1	02-OCT-2008 19:17:13	Dark	48.000	132	15Rho Pup	2.8030	6900.0	96	34464	No
209	GOM_NL__2PRFIN20081002_191935_000000452072_00342_34464_0870.N1	02-OCT-2008 19:19:35	Dark	44.500	65	Lam Vel	2.2040	4400.0	89	34464	No
210	GOM_NL__2PRFIN20081002_192215_000000402072_00342_34464_0871.N1	02-OCT-2008 19:22:15	Dark	40.000	34	Gam2Vel	1.7930	23000.	80	34464	No
211	GOM_NL__2PRFIN20081002_192606_000000432072_00343_34465_0875.N1	02-OCT-2008 19:26:06	Dark	42.500	161	Tau Pup	2.9310	4500.0	85	34465	No
212	GOM_NL__2PRFIN20081002_192730_000000602072_00343_34465_0876.N1	02-OCT-2008 19:27:30	Dark	60.000	2	Alp Car	-0.73600	7000.0	120	34465	No
213	GOM_NL__2PRFIN20081002_193640_000000392072_00343_34465_0877.N1	02-OCT-2008 19:36:40	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	34465	No
214	GOM_NL__2PRFIN20081002_193808_000000512072_00343_34465_0878.N1	02-OCT-2008 19:38:08	Dark	50.500	9	Alp Eri	0.45300	24000.	101	34465	No
215	GOM_NL__2PRFIN20081002_194327_000000422072_00343_34465_0879.N1	02-OCT-2008 19:43:27	Straylight	41.500	84	Alp Phe	2.3970	4500.0	83	34465	No
216	GOM_NL__2PRFIN20081002_195019_000000482072_00343_34465_0880.N1	02-OCT-2008 19:50:19	Straylight	47.500	52	16Bet Cet	2.0370	4500.0	95	34465	No
217	GOM_NL__2PRFIN20081002_200027_000000372072_00343_34465_0881.N1	02-OCT-2008 20:00:27	Bright	36.500	90	54Alp Peg	2.4870	11000.	73	34465	No
218	GOM_NL__2PRFIN20081002_200404_000000362072_00343_34465_0882.N1	02-OCT-2008 20:04:04	Bright	35.500	93	53Bet Peg	2.5200	3100.0	71	34465	No
219	GOM_NL__2PRFIN20081002_201321_000000382072_00343_34465_0883.N1	02-OCT-2008 20:13:21	Bright	37.500	74	11Bet Cas	2.2680	6600.0	75	34465	No

220	GOM_NL__2PRFIN20081002_201438_000000402072_00343_34465_0884.N1	02-OCT-2008 20:14:38	Bright	40.000	76	27Gam Cas	2.3000	30000.	80	34465	No
221	GOM_NL__2PRFIN20081002_202125_000000362072_00343_34465_0885.N1	02-OCT-2008 20:21:25	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	34465	No
222	GOM_NL__2PRFIN20081002_202926_000000372072_00343_34465_0886.N1	02-OCT-2008 20:29:26	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	34465	No
223	GOM_NL__2PRFIN20081002_203056_000000362072_00343_34465_0887.N1	02-OCT-2008 20:30:56	Bright	36.000	82	48Bet UMa	2.3650	10600.	72	34465	No
224	GOM_NL__2PRFIN20081002_204051_000000362072_00343_34465_0888.N1	02-OCT-2008 20:40:51	Bright	35.500	166	17Eps Leo	2.9800	6000.0	71	34465	No
225	GOM_NL__2PRFIN20081002_205031_000000482072_00343_34465_0889.N1	02-OCT-2008 20:50:31	Twilight	48.000	48	30Alp Hya	1.9770	4100.0	96	34465	No
226	GOM_NL__2PRFIN20081002_205749_000000462072_00343_34465_0890.N1	02-OCT-2008 20:57:49	Dark	45.500	132	15Rho Pup	2.8030	6900.0	91	34465	No
227	GOM_NL__2PRFIN20081002_210011_000000392072_00343_34465_0891.N1	02-OCT-2008 21:00:11	Dark	39.000	65	Lam Vel	2.2040	4400.0	78	34465	No
228	GOM_NL__2PRFIN20081002_210252_000000422072_00343_34465_0892.N1	02-OCT-2008 21:02:52	Dark	42.000	34	Gam2Vel	1.7930	23000.	84	34465	No
229	GOM_NL__2PRFIN20081002_210643_000000422072_00344_34466_0896.N1	02-OCT-2008 21:06:43	Dark	42.000	161	Tau Pup	2.9310	4500.0	84	34466	No
230	GOM_NL__2PRFIN20081002_210807_000000452072_00344_34466_0897.N1	02-OCT-2008 21:08:07	Dark	45.000	2	Alp Car	-0.73600	7000.0	90	34466	No
231	GOM_NL__2PRFIN20081002_211717_000000412072_00344_34466_0898.N1	02-OCT-2008 21:17:17	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	34466	No
232	GOM_NL__2PRFIN20081002_211844_000000392072_00344_34466_0899.N1	02-OCT-2008 21:18:44	Dark	39.000	9	Alp Eri	0.45300	24000.	78	34466	No
233	GOM_NL__2PRFIN20081002_212403_000000422072_00344_34466_0900.N1	02-OCT-2008 21:24:03	Straylight	42.000	84	Alp Phe	2.3970	4500.0	84	34466	No
234	GOM_NL__2PRFIN20081002_213055_000000482072_00344_34466_0901.N1	02-OCT-2008 21:30:55	Straylight	48.000	52	16Bet Cet	2.0370	4500.0	96	34466	No
235	GOM_NL__2PRFIN20081002_214103_000000362072_00344_34466_0902.N1	02-OCT-2008 21:41:03	Bright	35.500	90	54Alp Peg	2.4870	11000.	71	34466	No
236	GOM_NL__2PRFIN20081002_214440_000000372072_00344_34466_0903.N1	02-OCT-2008 21:44:40	Bright	37.000	93	53Bet Peg	2.5200	3100.0	74	34466	No
237	GOM_NL__2PRFIN20081002_215357_000000382072_00344_34466_0904.N1	02-OCT-2008 21:53:57	Bright	38.000	74	11Bet Cas	2.2680	6600.0	76	34466	No
238	GOM_NL__2PRFIN20081002_215513_000000402072_00344_34466_0905.N1	02-OCT-2008 21:55:13	Bright	40.000	76	27Gam Cas	2.3000	30000.	80	34466	No
239	GOM_NL__2PRFIN20081002_220201_000000362072_00344_34466_0906.N1	02-OCT-2008 22:02:01	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	34466	No
240	GOM_NL__2PRFIN20081002_221002_000000372072_00344_34466_0907.N1	02-OCT-2008 22:10:02	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	34466	No
241	GOM_NL__2PRFIN20081002_221132_000000522072_00344_34466_0908.N1	02-OCT-2008 22:11:32	Bright	52.000	82	48Bet UMa	2.3650	10600.	104	34466	No
242	GOM_NL__2PRFIN20081002_222127_000000362072_00344_34466_0909.N1	02-OCT-2008 22:21:27	Bright	36.000	166	17Eps Leo	2.9800	6000.0	72	34466	No
243	GOM_NL__2PRFIN20081002_223107_000000502072_00344_34466_0910.N1	02-OCT-2008 22:31:07	Twilight	49.500	48	30Alp Hya	1.9770	4100.0	99	34466	No
244	GOM_NL__2PRFIN20081002_223826_000000472072_00344_34466_0911.N1	02-OCT-2008 22:38:26	Dark	46.500	132	15Rho Pup	2.8030	6900.0	93	34466	No
245	GOM_NL__2PRFIN20081002_224047_000000442072_00344_34466_0912.N1	02-OCT-2008 22:40:47	Dark	43.500	65	Lam Vel	2.2040	4400.0	87	34466	No
246	GOM_NL__2PRFIN20081002_224328_000000422072_00344_34466_0913.N1	02-OCT-2008 22:43:28	Dark	42.000	34	Gam2Vel	1.7930	23000.	84	34466	No
247	GOM_NL__2PRFIN20081002_224719_000000432072_00345_34467_0921.N1	02-OCT-2008 22:47:19	Dark	42.500	161	Tau Pup	2.9310	4500.0	85	34467	No
248	GOM_NL__2PRFIN20081002_224844_000000442072_00345_34467_0922.N1	02-OCT-2008 22:48:44	Dark	44.000	2	Alp Car	-0.73600	7000.0	88	34467	No
249	GOM_NL__2PRFIN20081002_225753_000000382072_00345_34467_0923.N1	02-OCT-2008 22:57:53	Dark	37.500	143	Alp Hyi	2.8570	7200.0	75	34467	No
250	GOM_NL__2PRFIN20081002_225921_000000392072_00345_34467_0924.N1	02-OCT-2008 22:59:21	Dark	38.500	9	Alp Eri	0.45300	24000.	77	34467	No
251	GOM_NL__2PRFIN20081002_230439_000000412072_00345_34467_0925.N1	02-OCT-2008 23:04:39	Straylight	41.000	84	Alp Phe	2.3970	4500.0	82	34467	No
252	GOM_NL__2PRFIN20081002_231131_000000482072_00345_34467_0926.N1	02-OCT-2008 23:11:31	Straylight	47.500	52	16Bet Cet	2.0370	4500.0	95	34467	No
253	GOM_NL__2PRFIN20081002_232139_000000362072_00345_34467_0927.N1	02-OCT-2008 23:21:39	Bright	36.000	90	54Alp Peg	2.4870	11000.	72	34467	No
254	GOM_NL__2PRFIN20081002_232516_000000372072_00345_34467_0928.N1	02-OCT-2008 23:25:16	Bright	37.000	93	53Bet Peg	2.5200	3100.0	74	34467	No
255	GOM_NL__2PRFIN20081002_233433_000000382072_00345_34467_0929.N1	02-OCT-2008 23:34:33	Bright	37.500	74	11Bet Cas	2.2680	6600.0	75	34467	No
256	GOM_NL__2PRFIN20081002_233549_000000392072_00345_34467_0930.N1	02-OCT-2008 23:35:49	Bright	39.000	76	27Gam Cas	2.3000	30000.	78	34467	No
257	GOM_NL__2PRFIN20081002_234237_000000402072_00345_34467_0931.N1	02-OCT-2008 23:42:37	Bright	39.500	49	1Alp UMi	1.9900	6300.0	79	34467	No
258	GOM_NL__2PRFIN20081002_235038_000000372072_00345_34467_0932.N1	02-OCT-2008 23:50:38	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	34467	No
259	GOM_NL__2PRFIN20081002_235208_000000342072_00345_34467_0933.N1	02-OCT-2008 23:52:08	Bright	33.500	82	48Bet UMa	2.3650	10600.	67	34467	No

3. Quality information per product

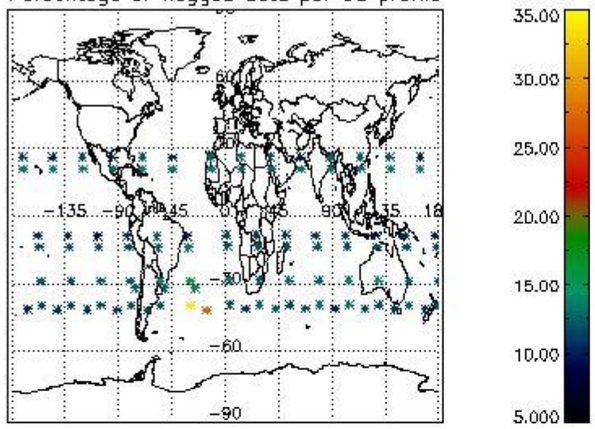
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

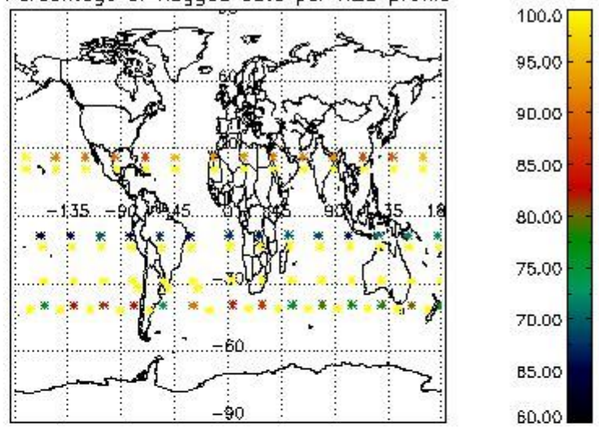


3.2 Plot quality information per product (world map)

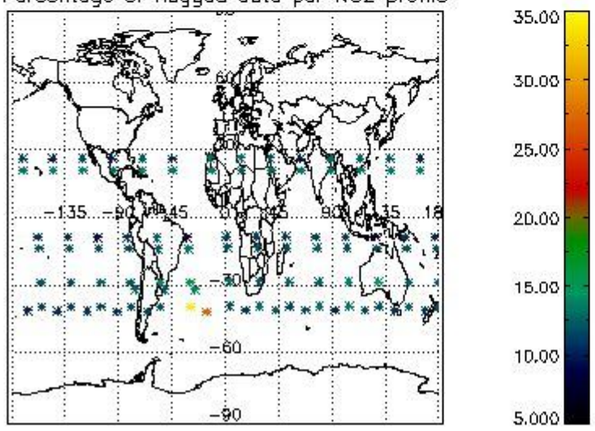
Percentage of flagged data per O3 profile



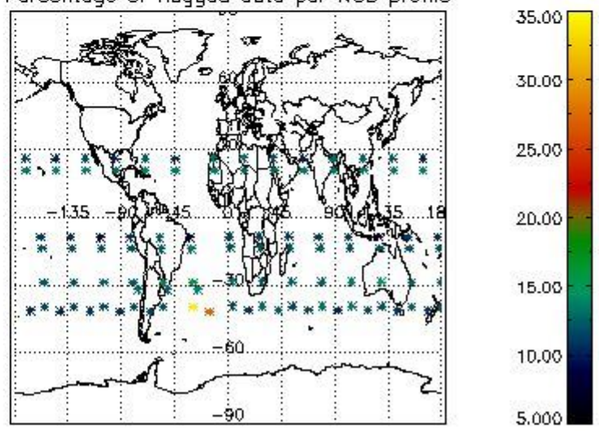
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

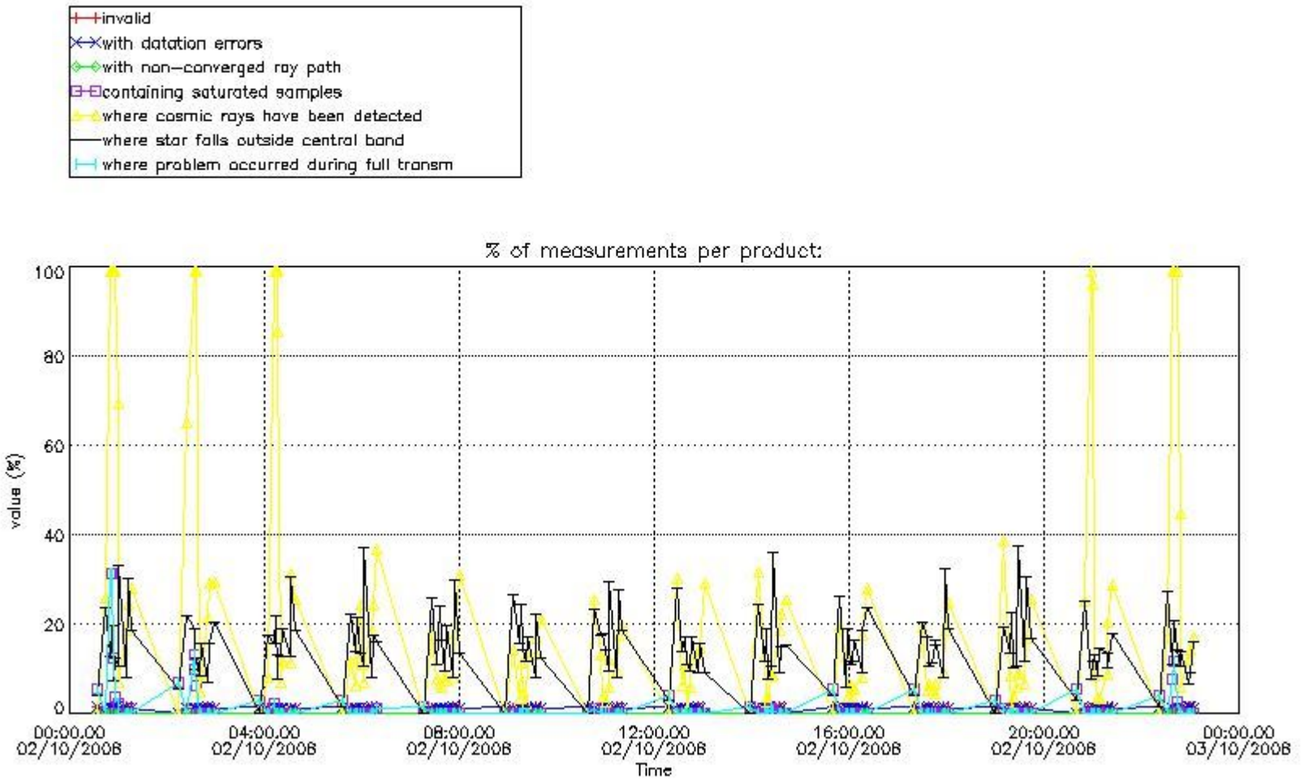


4. Level 1 quality information per product

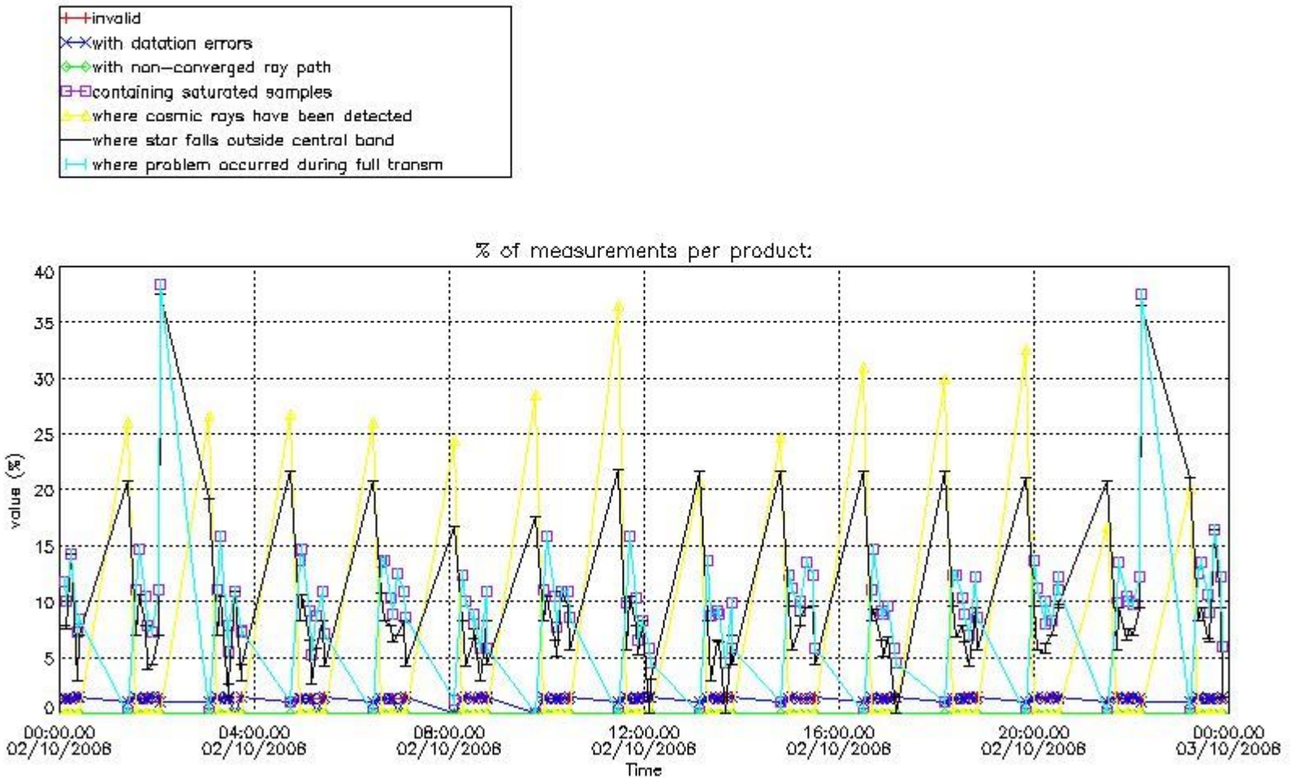
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processsing. Products without errors (error flag in the MPH set to "0") are used.

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

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

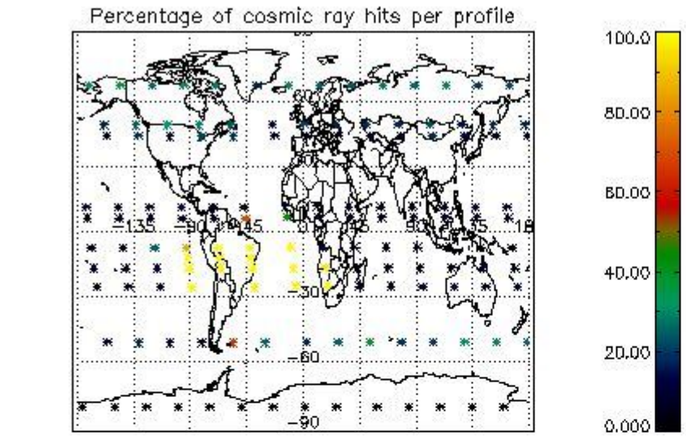


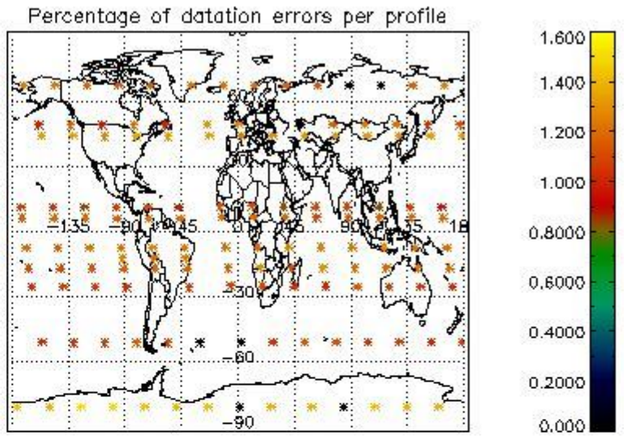
4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes

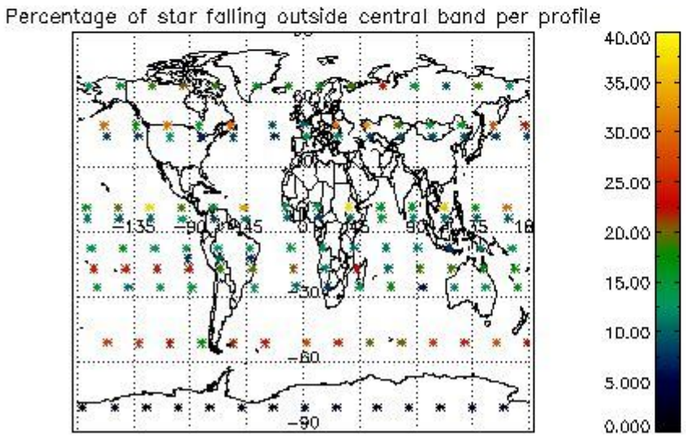


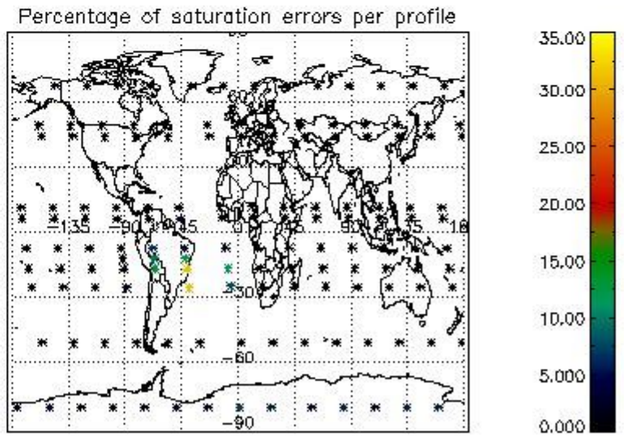
4.2 Plot quality information per product comming from level 1b processing (world map)

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



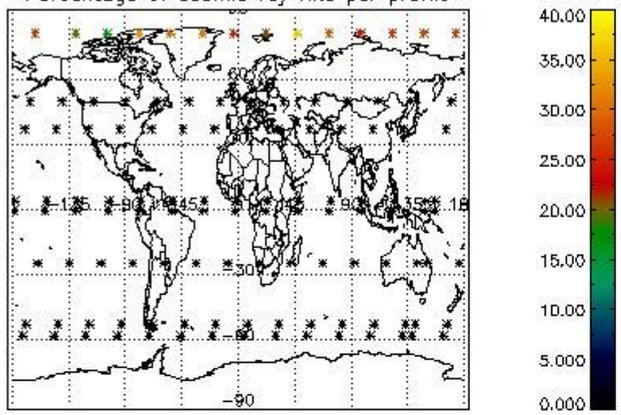




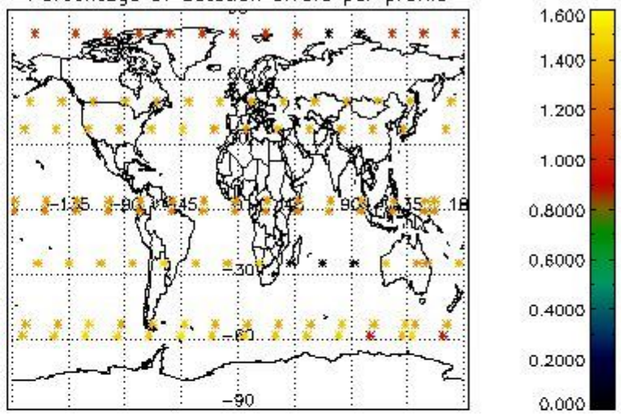


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

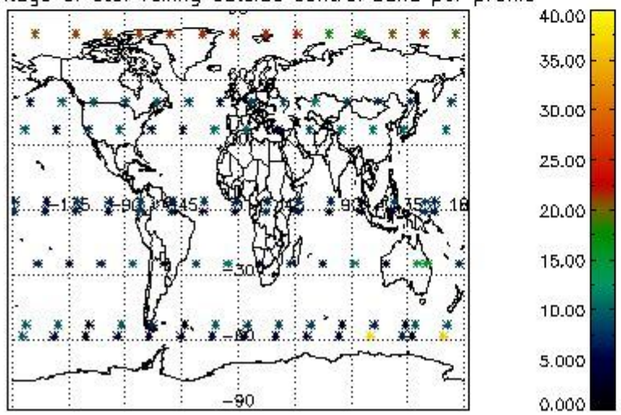
Percentage of cosmic ray hits per profile



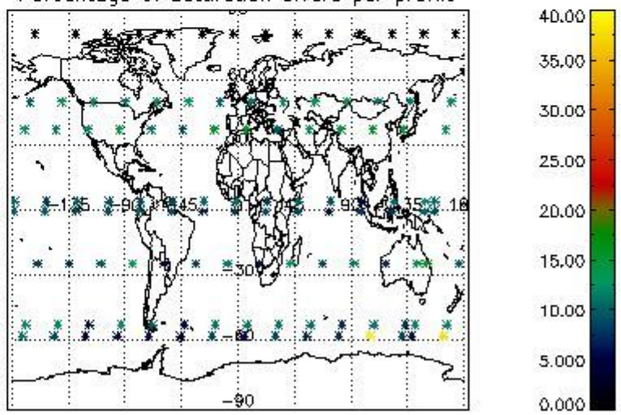
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

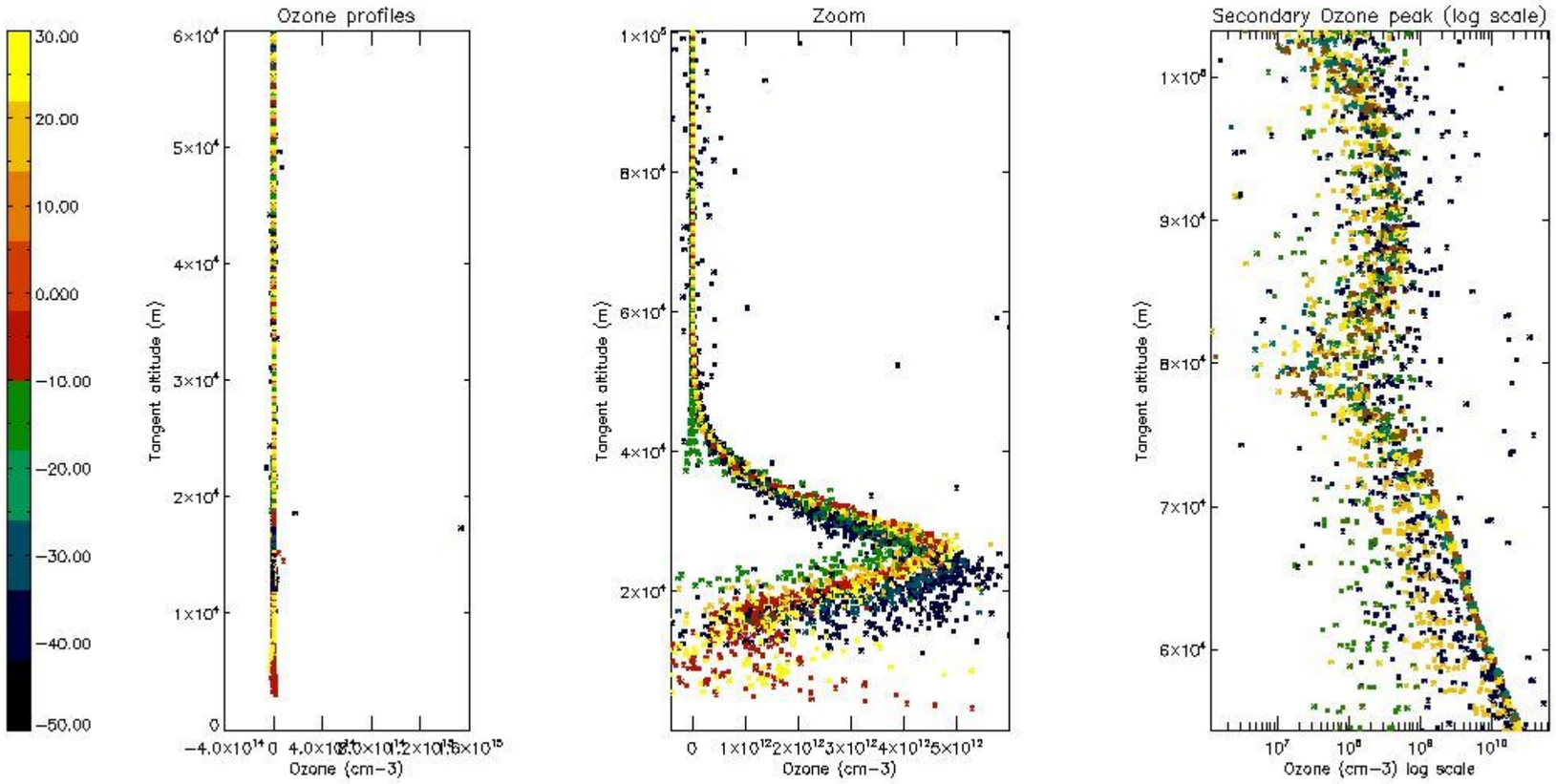
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	42
STD < 20	21

STD < 10	15
STD < 5	10

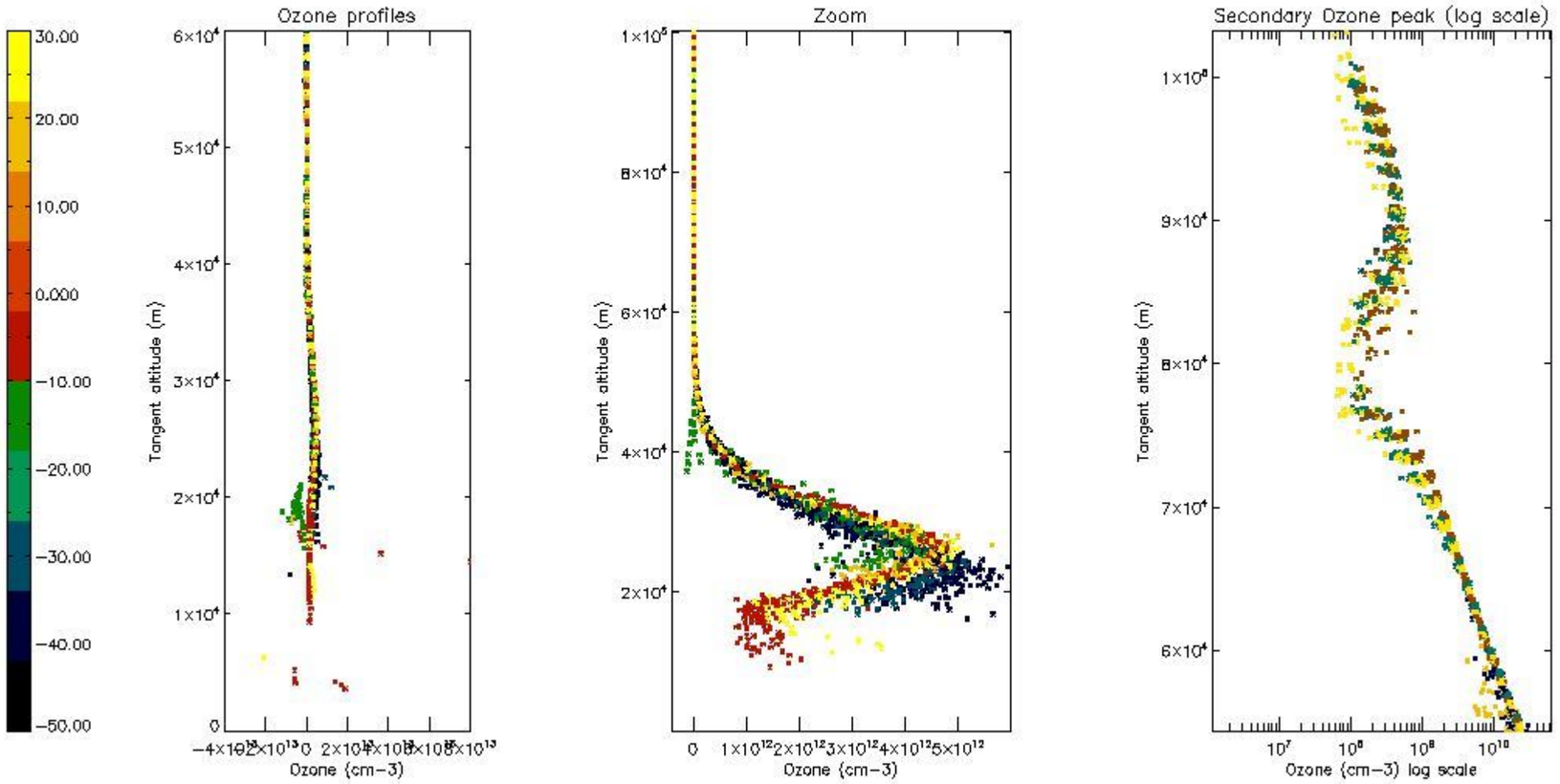
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



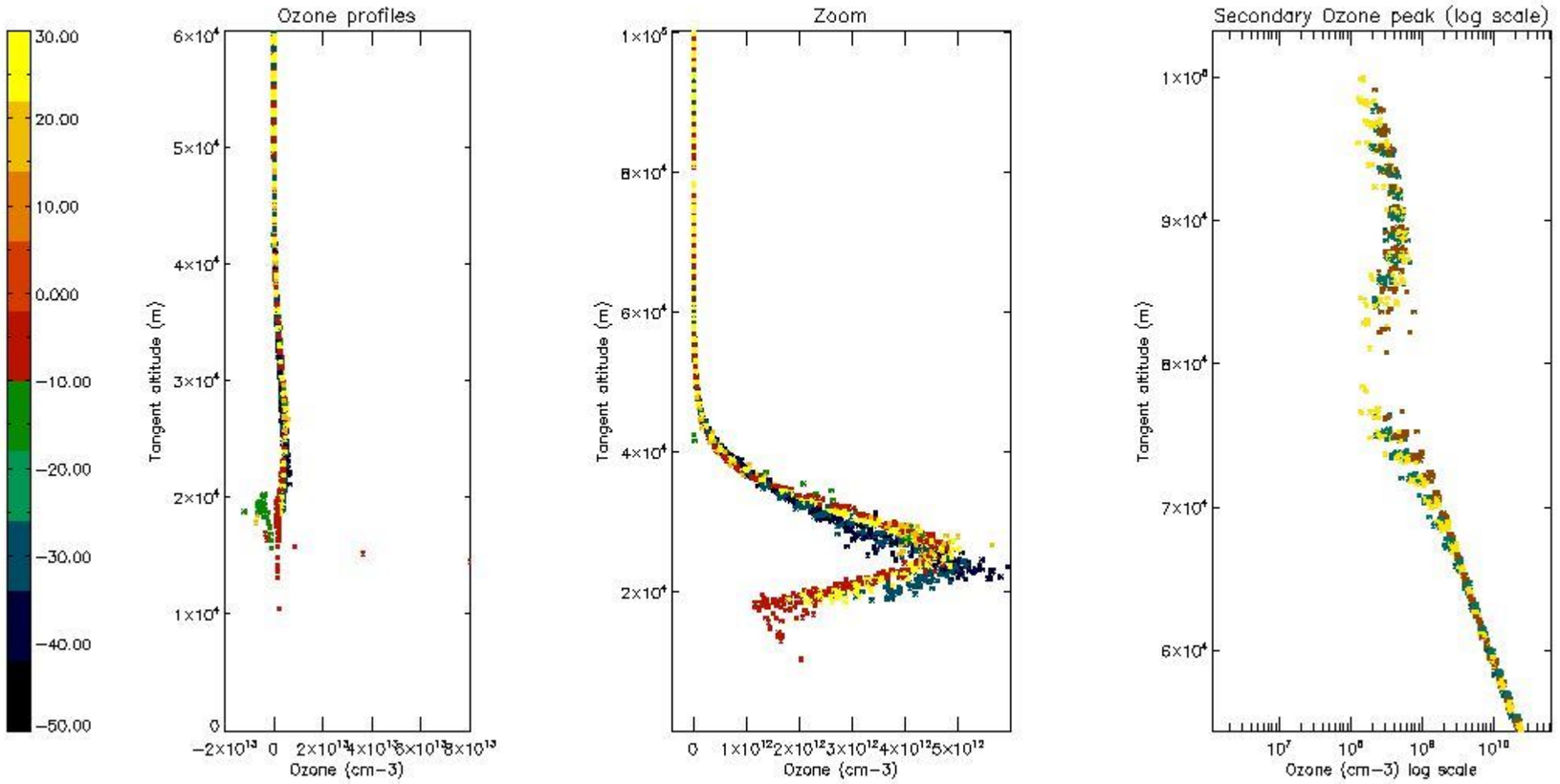
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



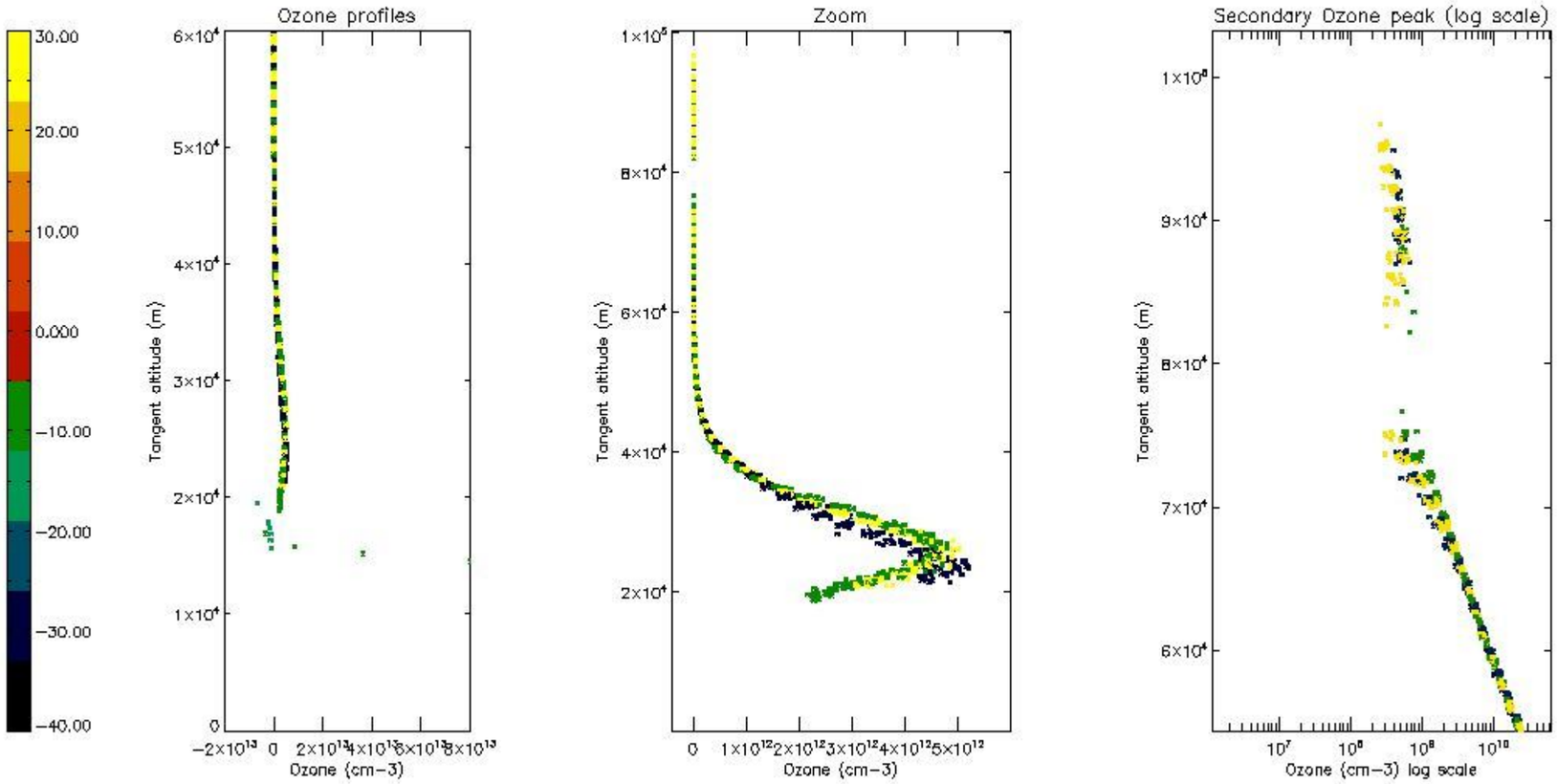
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



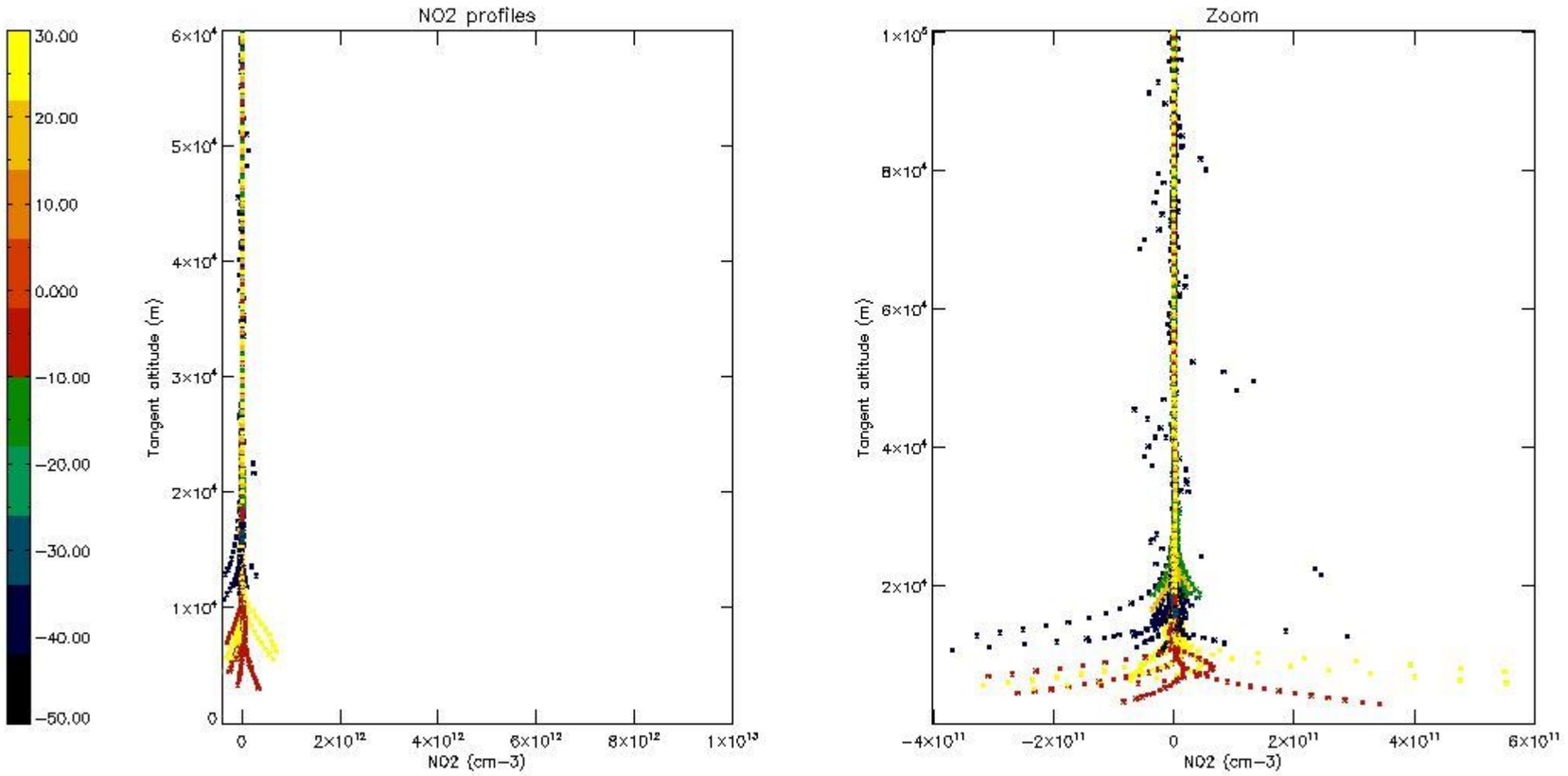
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



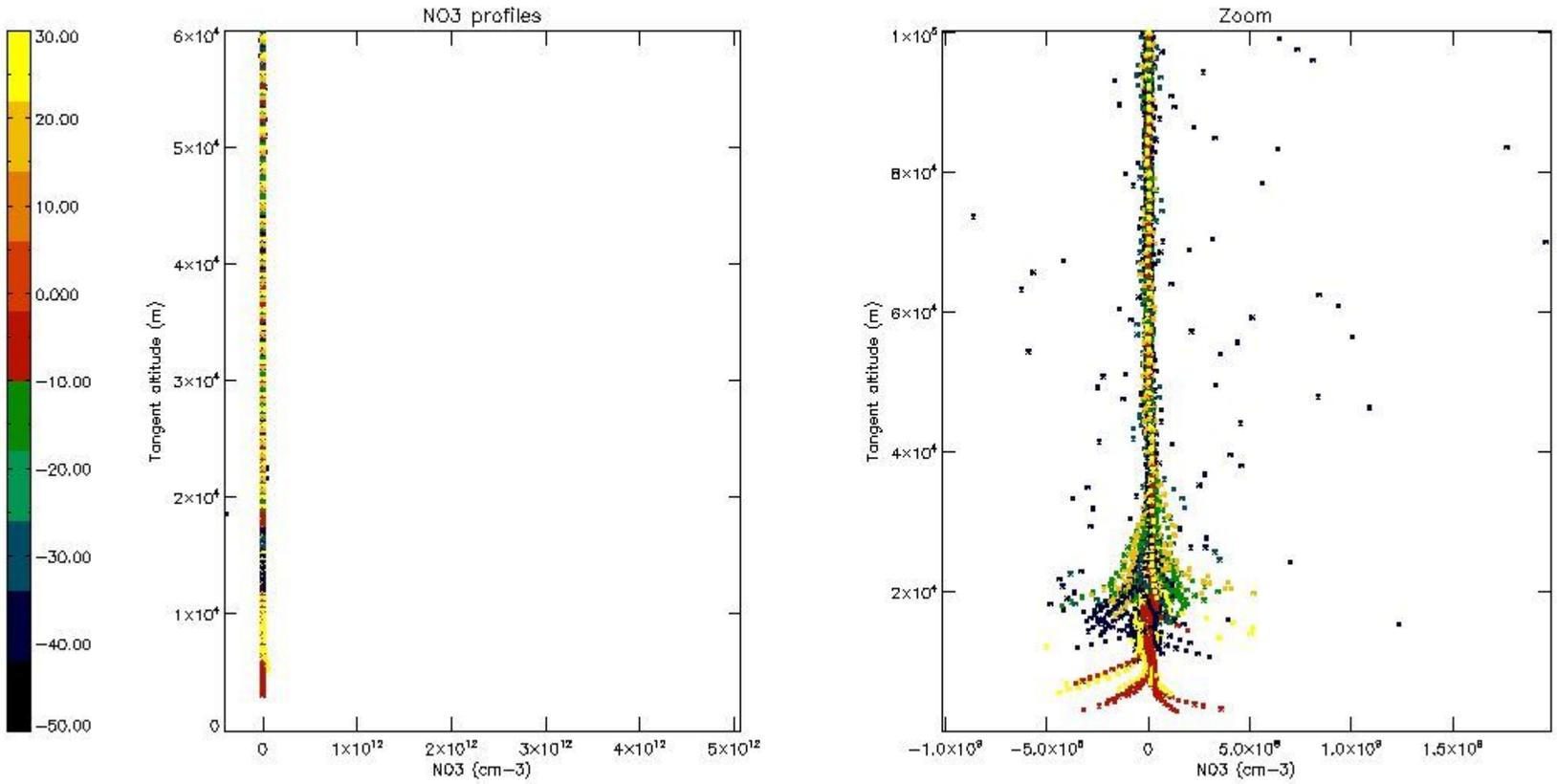
5.6 Plot NO2 profiles for all STD (dark without errors)

The colorbar represents the latitude.



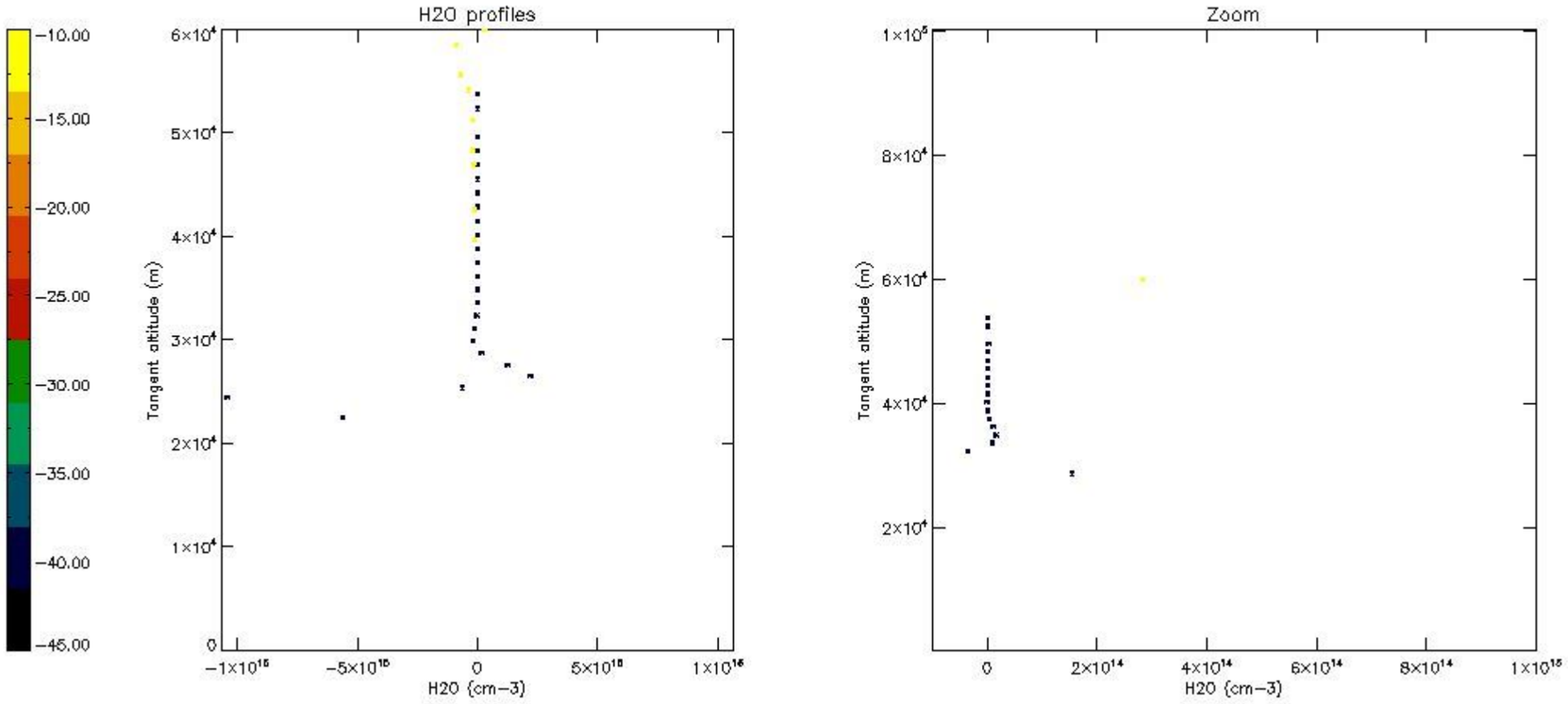
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	02-OCT-2008 00:06:13
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	02-OCT-2008 00:06:13
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	02-OCT-2008 00:06:13

GOMOS Level 2 Daily Report

SUMMARY

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1. General info

This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM_NL__2P).
It is intended to monitor some important parameters that will impact the quality of these products.
A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

Item	Value
Time of report generation	25APR2013 20:30:21
Data source version	GOMOS/6.01
Start time of products	02-10-2008 (02OCT2008 00:00:00)
Stop time of products	03-10-2008 (03OCT2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	259
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20081002_000613_000000382072_00331_34453_0483.N1	02-OCT-2008 00:06:13	Bright	38.000	74	11Bet Cas	2.2680	6600.0	76	34453	No
2	GOM_NL__2PRFIN20081002_000731_000000402072_00331_34453_0484.N1	02-OCT-2008 00:07:31	Bright	40.000	76	27Gam Cas	2.3000	30000.	80	34453	No
3	GOM_NL__2PRFIN20081002_001414_000000392072_00331_34453_0485.N1	02-OCT-2008 00:14:14	Bright	38.500	49	1Alp UMi	1.9900	6300.0	77	34453	No
4	GOM_NL__2PRFIN20081002_002213_000000352072_00331_34453_0486.N1	02-OCT-2008 00:22:13	Bright	34.500	36	50Alp UMa	1.8000	6300.0	69	34453	No
5	GOM_NL__2PRFIN20081002_002344_000000362072_00331_34453_0487.N1	02-OCT-2008 00:23:44	Bright	35.500	82	48Bet UMa	2.3650	10600.	71	34453	No
6	GOM_NL__2PRFIN20081002_003337_000000362072_00331_34453_0488.N1	02-OCT-2008 00:33:37	Bright	36.000	166	17Eps Leo	2.9800	6000.0	72	34453	No
7	GOM_NL__2PRFIN20081002_004315_000000472072_00331_34453_0489.N1	02-OCT-2008 00:43:15	Twilight	46.500	48	30Alp Hya	1.9770	4100.0	93	34453	No
8	GOM_NL__2PRFIN20081002_005028_000000472072_00331_34453_0490.N1	02-OCT-2008 00:50:28	Dark	46.500	132	15Rho Pup	2.8030	6900.0	93	34453	No
9	GOM_NL__2PRFIN20081002_005255_000000432072_00331_34453_0491.N1	02-OCT-2008 00:52:55	Dark	43.000	65	Lam Vel	2.2040	4400.0	86	34453	No
10	GOM_NL__2PRFIN20081002_005414_000000412072_00331_34453_0492.N1	02-OCT-2008 00:54:14	Dark	40.500	70	Zet Pup	2.2460	39000.	81	34453	No
11	GOM_NL__2PRFIN20081002_005534_000000412072_00331_34453_0493.N1	02-OCT-2008 00:55:34	Dark	41.000	34	Gam2Vel	1.7930	23000.	82	34453	No
12	GOM_NL__2PRFIN20081002_005922_000000432072_00332_34454_0611.N1	02-OCT-2008 00:59:22	Dark	42.500	161	Tau Pup	2.9310	4500.0	85	34454	No
13	GOM_NL__2PRFIN20081002_010047_000000582072_00332_34454_0612.N1	02-OCT-2008 01:00:47	Dark	57.500	2	Alp Car	-0.73600	7000.0	115	34454	No
14	GOM_NL__2PRFIN20081002_011001_000000382072_00332_34454_0613.N1	02-OCT-2008 01:10:01	Dark	38.000	143	Alp Hyi	2.8570	7200.0	76	34454	No
15	GOM_NL__2PRFIN20081002_011129_000000502072_00332_34454_0614.N1	02-OCT-2008 01:11:29	Dark	49.500	9	Alp Eri	0.45300	24000.	99	34454	No
16	GOM_NL__2PRFIN20081002_011648_000000432072_00332_34454_0615.N1	02-OCT-2008 01:16:48	Straylight	43.000	84	Alp Phe	2.3970	4500.0	86	34454	No
17	GOM_NL__2PRFIN20081002_012342_000000482072_00332_34454_0616.N1	02-OCT-2008 01:23:42	Straylight	48.000	52	16Bet Cet	2.0370	4500.0	96	34454	No
18	GOM_NL__2PRFIN20081002_013351_000000362072_00332_34454_0617.N1	02-OCT-2008 01:33:51	Bright	36.000	90	54Alp Peg	2.4870	11000.	72	34454	No
19	GOM_NL__2PRFIN20081002_013728_000000382072_00332_34454_0618.N1	02-OCT-2008 01:37:28	Bright	37.500	93	53Bet Peg	2.5200	3100.0	75	34454	No
20	GOM_NL__2PRFIN20081002_014648_000000382072_00332_34454_0619.N1	02-OCT-2008 01:46:48	Bright	38.000	74	11Bet Cas	2.2680	6600.0	76	34454	No
21	GOM_NL__2PRFIN20081002_014806_000000392072_00332_34454_0620.N1	02-OCT-2008 01:48:06	Bright	38.500	76	27Gam Cas	2.3000	30000.	77	34454	No
22	GOM_NL__2PRFIN20081002_015450_000000352072_00332_34454_0621.N1	02-OCT-2008 01:54:50	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	34454	No
23	GOM_NL__2PRFIN20081002_020249_000000362072_00332_34454_0622.N1	02-OCT-2008 02:02:49	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	34454	No
24	GOM_NL__2PRFIN20081002_020420_000000522072_00332_34454_0623.N1	02-OCT-2008 02:04:20	Bright	52.000	82	48Bet UMa	2.3650	10600.	104	34454	No
25	GOM_NL__2PRFIN20081002_021413_000000362072_00332_34454_0624.N1	02-OCT-2008 02:14:13	Bright	36.000	166	17Eps Leo	2.9800	6000.0	72	34454	No
26	GOM_NL__2PRFIN20081002_022351_000000462072_00332_34454_0625.N1	02-OCT-2008 02:23:51	Twilight	46.000	48	30Alp Hya	1.9770	4100.0	92	34454	No
27	GOM_NL__2PRFIN20081002_023331_000000432072_00332_34454_0626.N1	02-OCT-2008 02:33:31	Dark	42.500	65	Lam Vel	2.2040	4400.0	85	34454	No
28	GOM_NL__2PRFIN20081002_023450_000000422072_00332_34454_0627.N1	02-OCT-2008 02:34:50	Dark	41.500	70	Zet Pup	2.2460	39000.	83	34454	No
29	GOM_NL__2PRFIN20081002_023610_000000402072_00332_34454_0628.N1	02-OCT-2008 02:36:10	Dark	40.000	34	Gam2Vel	1.7930	23000.	80	34454	No
30	GOM_NL__2PRFIN20081002_023959_000000422072_00333_34455_0632.N1	02-OCT-2008 02:39:59	Dark	41.500	161	Tau Pup	2.9310	4500.0	83	34455	No
31	GOM_NL__2PRFIN20081002_024123_000000452072_00333_34455_0633.N1	02-OCT-2008 02:41:23	Dark	45.000	2	Alp Car	-0.73600	7000.0	90	34455	No
32	GOM_NL__2PRFIN20081002_025037_000000372072_00333_34455_0634.N1	02-OCT-2008 02:50:37	Dark	37.000	143	Alp Hyi	2.8570	7200.0	74	34455	No
33	GOM_NL__2PRFIN20081002_025205_000000422072_00333_34455_0635.N1	02-OCT-2008 02:52:05	Dark	41.500	9	Alp Eri	0.45300	24000.	83	34455	No
34	GOM_NL__2PRFIN20081002_025724_000000442072_00333_34455_0636.N1	02-OCT-2008 02:57:24	Straylight	44.000	84	Alp Phe	2.3970	4500.0	88	34455	No
35	GOM_NL__2PRFIN20081002_030418_000000472072_00333_34455_0637.N1	02-OCT-2008 03:04:18	Straylight	47.000	52	16Bet Cet	2.0370	4500.0	94	34455	No
36	GOM_NL__2PRFIN20081002_031427_000000362072_00333_34455_0638.N1	02-OCT-2008 03:14:27	Bright	36.000	90	54Alp Peg	2.4870	11000.	72	34455	No
37	GOM_NL__2PRFIN20081002_031804_000000382072_00333_34455_0639.N1	02-OCT-2008 03:18:04	Bright	38.000	93	53Bet Peg	2.5200	3100.0	76	34455	No
38	GOM_NL__2PRFIN20081002_032724_000000362072_00333_34455_0640.N1	02-OCT-2008 03:27:24	Bright	36.000	74	11Bet Cas	2.2680	6600.0	72	34455	No
39	GOM_NL__2PRFIN20081002_032842_000000392072_00333_34455_0641.N1	02-OCT-2008 03:28:42	Bright	38.500	76	27Gam Cas	2.3000	30000.	77	34455	No
40	GOM_NL__2PRFIN20081002_033526_000000372072_00333_34455_0642.N1	02-OCT-2008 03:35:26	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	34455	No
41	GOM_NL__2PRFIN20081002_034325_000000352072_00333_34455_0643.N1	02-OCT-2008 03:43:25	Bright	34.500	36	50Alp UMa	1.8000	6300.0	69	34455	No
42	GOM_NL__2PRFIN20081002_034456_000000342072_00333_34455_0644.N1	02-OCT-2008 03:44:56	Bright	34.000	82	48Bet UMa	2.3650	10600.	68	34455	No

43	GOM_NL__2PRFIN20081002_035449_000000352072_00333_34455_0645.N1	02-OCT-2008 03:54:49	Bright	35.000	166	17Eps Leo	2.9800	6000.0	70	34455	No
44	GOM_NL__2PRFIN20081002_040427_000000432072_00333_34455_0646.N1	02-OCT-2008 04:04:27	Twilight	43.000	48	30Alp Hya	1.9770	4100.0	86	34455	No
45	GOM_NL__2PRFIN20081002_041141_000000492072_00333_34455_0647.N1	02-OCT-2008 04:11:41	Dark	48.500	132	15Rho Pup	2.8030	6900.0	97	34455	No
46	GOM_NL__2PRFIN20081002_041408_000000442072_00333_34455_0648.N1	02-OCT-2008 04:14:08	Dark	43.500	65	Lam Vel	2.2040	4400.0	87	34455	No
47	GOM_NL__2PRFIN20081002_041527_000000402072_00333_34455_0649.N1	02-OCT-2008 04:15:27	Dark	40.000	70	Zet Pup	2.2460	39000.	80	34455	No
48	GOM_NL__2PRFIN20081002_041647_000000422072_00333_34455_0650.N1	02-OCT-2008 04:16:47	Dark	41.500	34	Gam2Vel	1.7930	23000.	83	34455	No
49	GOM_NL__2PRFIN20081002_042036_000000432072_00334_34456_0651.N1	02-OCT-2008 04:20:36	Dark	43.000	161	Tau Pup	2.9310	4500.0	86	34456	No
50	GOM_NL__2PRFIN20081002_042200_000000482072_00334_34456_0652.N1	02-OCT-2008 04:22:00	Dark	47.500	2	Alp Car	-0.73600	7000.0	95	34456	No
51	GOM_NL__2PRFIN20081002_043114_000000402072_00334_34456_0653.N1	02-OCT-2008 04:31:14	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	34456	No
52	GOM_NL__2PRFIN20081002_043241_000000512072_00334_34456_0654.N1	02-OCT-2008 04:32:41	Dark	51.000	9	Alp Eri	0.45300	24000.	102	34456	No
53	GOM_NL__2PRFIN20081002_043801_000000432072_00334_34456_0655.N1	02-OCT-2008 04:38:01	Straylight	43.000	84	Alp Phe	2.3970	4500.0	86	34456	No
54	GOM_NL__2PRFIN20081002_044454_000000492072_00334_34456_0656.N1	02-OCT-2008 04:44:54	Straylight	48.500	52	16Bet Cet	2.0370	4500.0	97	34456	No
55	GOM_NL__2PRFIN20081002_045503_000000372072_00334_34456_0657.N1	02-OCT-2008 04:55:03	Bright	36.500	90	54Alp Peg	2.4870	11000.	73	34456	No
56	GOM_NL__2PRFIN20081002_045840_000000382072_00334_34456_0658.N1	02-OCT-2008 04:58:40	Bright	37.500	93	53Bet Peg	2.5200	3100.0	75	34456	No
57	GOM_NL__2PRFIN20081002_050800_000000382072_00334_34456_0659.N1	02-OCT-2008 05:08:00	Bright	38.000	74	11Bet Cas	2.2680	6600.0	76	34456	No
58	GOM_NL__2PRFIN20081002_050918_000000382072_00334_34456_0660.N1	02-OCT-2008 05:09:18	Bright	38.000	76	27Gam Cas	2.3000	30000.	76	34456	No
59	GOM_NL__2PRFIN20081002_051602_000000352072_00334_34456_0661.N1	02-OCT-2008 05:16:02	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	34456	No
60	GOM_NL__2PRFIN20081002_052401_000000372072_00334_34456_0662.N1	02-OCT-2008 05:24:01	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	34456	No
61	GOM_NL__2PRFIN20081002_052532_000000352072_00334_34456_0663.N1	02-OCT-2008 05:25:32	Bright	35.000	82	48Bet UMa	2.3650	10600.	70	34456	No
62	GOM_NL__2PRFIN20081002_053526_000000362072_00334_34456_0664.N1	02-OCT-2008 05:35:26	Bright	35.500	166	17Eps Leo	2.9800	6000.0	71	34456	No
63	GOM_NL__2PRFIN20081002_054504_000000472072_00334_34456_0665.N1	02-OCT-2008 05:45:04	Twilight	47.000	48	30Alp Hya	1.9770	4100.0	94	34456	No
64	GOM_NL__2PRFIN20081002_055218_000000482072_00334_34456_0666.N1	02-OCT-2008 05:52:18	Dark	47.500	132	15Rho Pup	2.8030	6900.0	95	34456	No
65	GOM_NL__2PRFIN20081002_055444_000000442072_00334_34456_0667.N1	02-OCT-2008 05:54:44	Dark	44.000	65	Lam Vel	2.2040	4400.0	88	34456	No
66	GOM_NL__2PRFIN20081002_055723_000000412072_00334_34456_0668.N1	02-OCT-2008 05:57:23	Dark	41.000	34	Gam2Vel	1.7930	23000.	82	34456	No
67	GOM_NL__2PRFIN20081002_060112_000000432072_00335_34457_0674.N1	02-OCT-2008 06:01:12	Dark	42.500	161	Tau Pup	2.9310	4500.0	85	34457	No
68	GOM_NL__2PRFIN20081002_060237_000000602072_00335_34457_0675.N1	02-OCT-2008 06:02:37	Dark	59.500	2	Alp Car	-0.73600	7000.0	119	34457	No
69	GOM_NL__2PRFIN20081002_061150_000000382072_00335_34457_0676.N1	02-OCT-2008 06:11:50	Dark	37.500	143	Alp Hyi	2.8570	7200.0	75	34457	No
70	GOM_NL__2PRFIN20081002_061318_000000432072_00335_34457_0677.N1	02-OCT-2008 06:13:18	Dark	43.000	9	Alp Eri	0.45300	24000.	86	34457	No
71	GOM_NL__2PRFIN20081002_061837_000000412072_00335_34457_0678.N1	02-OCT-2008 06:18:37	Straylight	41.000	84	Alp Phe	2.3970	4500.0	82	34457	No
72	GOM_NL__2PRFIN20081002_062530_000000482072_00335_34457_0679.N1	02-OCT-2008 06:25:30	Straylight	48.000	52	16Bet Cet	2.0370	4500.0	96	34457	No
73	GOM_NL__2PRFIN20081002_063539_000000372072_00335_34457_0680.N1	02-OCT-2008 06:35:39	Bright	37.000	90	54Alp Peg	2.4870	11000.	74	34457	No
74	GOM_NL__2PRFIN20081002_063916_000000372072_00335_34457_0681.N1	02-OCT-2008 06:39:16	Bright	36.500	93	53Bet Peg	2.5200	3100.0	73	34457	No
75	GOM_NL__2PRFIN20081002_064836_000000392072_00335_34457_0682.N1	02-OCT-2008 06:48:36	Bright	38.500	74	11Bet Cas	2.2680	6600.0	77	34457	No
76	GOM_NL__2PRFIN20081002_064953_000000402072_00335_34457_0683.N1	02-OCT-2008 06:49:53	Bright	39.500	76	27Gam Cas	2.3000	30000.	79	34457	No
77	GOM_NL__2PRFIN20081002_065638_000000362072_00335_34457_0684.N1	02-OCT-2008 06:56:38	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	34457	No
78	GOM_NL__2PRFIN20081002_070437_000000372072_00335_34457_0685.N1	02-OCT-2008 07:04:37	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	34457	No
79	GOM_NL__2PRFIN20081002_070608_000000352072_00335_34457_0686.N1	02-OCT-2008 07:06:08	Bright	35.000	82	48Bet UMa	2.3650	10600.	70	34457	No
80	GOM_NL__2PRFIN20081002_071602_000000352072_00335_34457_0687.N1	02-OCT-2008 07:16:02	Bright	35.000	166	17Eps Leo	2.9800	6000.0	70	34457	No
81	GOM_NL__2PRFIN20081002_072540_000000492072_00335_34457_0688.N1	02-OCT-2008 07:25:40	Twilight	48.500	48	30Alp Hya	1.9770	4100.0	97	34457	No
82	GOM_NL__2PRFIN20081002_073255_000000472072_00335_34457_0689.N1	02-OCT-2008 07:32:55	Dark	46.500	132	15Rho Pup	2.8030	6900.0	93	34457	No
83	GOM_NL__2PRFIN20081002_073520_000000462072_00335_34457_0690.N1	02-OCT-2008 07:35:20	Dark	45.500	65	Lam Vel	2.2040	4400.0	91	34457	No
84	GOM_NL__2PRFIN20081002_073800_000000432072_00335_34457_0691.N1	02-OCT-2008 07:38:00	Dark	43.000	34	Gam2Vel	1.7930	23000.	86	34457	No
85	GOM_NL__2PRFIN20081002_074149_000000432072_00336_34458_0708.N1	02-OCT-2008 07:41:49	Dark	42.500	161	Tau Pup	2.9310	4500.0	85	34458	No
86	GOM_NL__2PRFIN20081002_074314_000000492072_00336_34458_0709.N1	02-OCT-2008 07:43:14	Dark	48.500	2	Alp Car	-0.73600	7000.0	97	34458	No
87	GOM_NL__2PRFIN20081002_075226_000000382072_00336_34458_0710.N1	02-OCT-2008 07:52:26	Dark	37.500	143	Alp Hyi	2.8570	7200.0	75	34458	No
88	GOM_NL__2PRFIN20081002_075354_000000512072_00336_34458_0711.N1	02-OCT-2008 07:53:54	Dark	50.500	9	Alp Eri	0.45300	24000.	101	34458	No
89	GOM_NL__2PRFIN20081002_075913_000000412072_00336_34458_0712.N1	02-OCT-2008 07:59:13	Straylight	40.500	84	Alp Phe	2.3970	4500.0	81	34458	No
90	GOM_NL__2PRFIN20081002_080606_000000452072_00336_34458_0713.N1	02-OCT-2008 08:06:06	Straylight	45.000	52	16Bet Cet	2.0370	4500.0	90	34458	No
91	GOM_NL__2PRFIN20081002_081615_000000372072_00336_34458_0714.N1	02-OCT-2008 08:16:15	Bright	36.500	90	54Alp Peg	2.4870	11000.	73	34458	No
92	GOM_NL__2PRFIN20081002_081952_000000352072_00336_34458_0715.N1	02-OCT-2008 08:19:52	Bright	35.000	93	53Bet Peg	2.5200	3100.0	70	34458	No
93	GOM_NL__2PRFIN20081002_082911_000000382072_00336_34458_0716.N1	02-OCT-2008 08:29:11	Bright	37.500	74	11Bet Cas	2.2680	6600.0	75	34458	No
94	GOM_NL__2PRFIN20081002_083029_000000402072_00336_34458_0717.N1	02-OCT-2008 08:30:29	Bright	39.500	76	27Gam Cas	2.3000	30000.	79	34458	No
95	GOM_NL__2PRFIN20081002_083714_000000342072_00336_34458_0718.N1	02-OCT-2008 08:37:14	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	34458	No
96	GOM_NL__2PRFIN20081002_084514_000000372072_00336_34458_0719.N1	02-OCT-2008 08:45:14	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	34458	No
97	GOM_NL__2PRFIN20081002_084644_000000342072_00336_34458_0720.N1	02-OCT-2008 08:46:44	Bright	34.000	82	48Bet UMa	2.3650	10600.	68	34458	No
98	GOM_NL__2PRFIN20081002_085638_000000342072_00336_34458_0721.N1	02-OCT-2008 08:56:38	Bright	33.500	166	17Eps Leo	2.9800	6000.0	67	34458	No
99	GOM_NL__2PRFIN20081002_090616_000000492072_00336_34458_0722.N1	02-OCT-2008 09:06:16	Twilight	49.000	48	30Alp Hya	1.9770	4100.0	98	34458	No
100	GOM_NL__2PRFIN20081002_091332_000000492072_00336_34458_0723.N1	02-OCT-2008 09:13:32	Dark	48.500	132	15Rho Pup	2.8030	6900.0	97	34458	No
101	GOM_NL__2PRFIN20081002_091557_000000452072_00336_34458_0724.N1	02-OCT-2008 09:15:57	Dark	45.000	65	Lam Vel	2.2040	4400.0	90	34458	No

102	GOM_NL__2PRFIN20081002_091836_000000422072_00336_34458_0725.N1	02-OCT-2008 09:18:36	Dark	42.000	34	Gam2Vel	1.7930	23000.	84	34458	No
103	GOM_NL__2PRFIN20081002_092226_000000432072_00337_34459_0730.N1	02-OCT-2008 09:22:26	Dark	43.000	161	Tau Pup	2.9310	4500.0	86	34459	No
104	GOM_NL__2PRFIN20081002_092350_000000472072_00337_34459_0731.N1	02-OCT-2008 09:23:50	Dark	47.000	2	Alp Car	-0.73600	7000.0	94	34459	No
105	GOM_NL__2PRFIN20081002_093303_000000382072_00337_34459_0732.N1	02-OCT-2008 09:33:03	Dark	38.000	143	Alp Hyi	2.8570	7200.0	76	34459	No
106	GOM_NL__2PRFIN20081002_093430_000000452072_00337_34459_0733.N1	02-OCT-2008 09:34:30	Dark	45.000	9	Alp Eri	0.45300	24000.	90	34459	No
107	GOM_NL__2PRFIN20081002_093949_000000402072_00337_34459_0734.N1	02-OCT-2008 09:39:49	Straylight	40.000	84	Alp Phe	2.3970	4500.0	80	34459	No
108	GOM_NL__2PRFIN20081002_094642_000000462072_00337_34459_0735.N1	02-OCT-2008 09:46:42	Straylight	45.500	52	16Bet Cet	2.0370	4500.0	91	34459	No
109	GOM_NL__2PRFIN20081002_095651_000000362072_00337_34459_0736.N1	02-OCT-2008 09:56:51	Bright	36.000	90	54Alp Peg	2.4870	11000.	72	34459	No
110	GOM_NL__2PRFIN20081002_100028_000000382072_00337_34459_0737.N1	02-OCT-2008 10:00:28	Bright	38.000	93	53Bet Peg	2.5200	3100.0	76	34459	No
111	GOM_NL__2PRFIN20081002_100947_000000382072_00337_34459_0738.N1	02-OCT-2008 10:09:47	Bright	38.000	74	11Bet Cas	2.2680	6600.0	76	34459	No
112	GOM_NL__2PRFIN20081002_101104_000000392072_00337_34459_0739.N1	02-OCT-2008 10:11:04	Bright	39.000	76	27Gam Cas	2.3000	30000.	78	34459	No
113	GOM_NL__2PRFIN20081002_101750_000000372072_00337_34459_0740.N1	02-OCT-2008 10:17:50	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	34459	No
114	GOM_NL__2PRFIN20081002_102550_000000372072_00337_34459_0741.N1	02-OCT-2008 10:25:50	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	34459	No
115	GOM_NL__2PRFIN20081002_102720_000000352072_00337_34459_0742.N1	02-OCT-2008 10:27:20	Bright	35.000	82	48Bet UMa	2.3650	10600.	70	34459	No
116	GOM_NL__2PRFIN20081002_103714_000000332072_00337_34459_0743.N1	02-OCT-2008 10:37:14	Bright	33.000	166	17Eps Leo	2.9800	6000.0	66	34459	No
117	GOM_NL__2PRFIN20081002_104653_000000472072_00337_34459_0744.N1	02-OCT-2008 10:46:53	Twilight	47.000	48	30Alp Hya	1.9770	4100.0	94	34459	No
118	GOM_NL__2PRFIN20081002_105409_000000492072_00337_34459_0745.N1	02-OCT-2008 10:54:09	Dark	49.000	132	15Rho Pup	2.8030	6900.0	98	34459	No
119	GOM_NL__2PRFIN20081002_105633_000000422072_00337_34459_0746.N1	02-OCT-2008 10:56:33	Dark	42.000	65	Lam Vel	2.2040	4400.0	84	34459	No
120	GOM_NL__2PRFIN20081002_105913_000000422072_00337_34459_0747.N1	02-OCT-2008 10:59:13	Dark	42.000	34	Gam2Vel	1.7930	23000.	84	34459	No
121	GOM_NL__2PRFIN20081002_110303_000000432072_00338_34460_0751.N1	02-OCT-2008 11:03:03	Dark	42.500	161	Tau Pup	2.9310	4500.0	85	34460	No
122	GOM_NL__2PRFIN20081002_110427_000000542072_00338_34460_0752.N1	02-OCT-2008 11:04:27	Dark	54.000	2	Alp Car	-0.73600	7000.0	108	34460	No
123	GOM_NL__2PRFIN20081002_111339_000000382072_00338_34460_0753.N1	02-OCT-2008 11:13:39	Dark	37.500	143	Alp Hyi	2.8570	7200.0	75	34460	No
124	GOM_NL__2PRFIN20081002_111507_000000492072_00338_34460_0754.N1	02-OCT-2008 11:15:07	Dark	49.000	9	Alp Eri	0.45300	24000.	98	34460	No
125	GOM_NL__2PRFIN20081002_112026_000000432072_00338_34460_0755.N1	02-OCT-2008 11:20:26	Straylight	43.000	84	Alp Phe	2.3970	4500.0	86	34460	No
126	GOM_NL__2PRFIN20081002_112718_000000482072_00338_34460_0756.N1	02-OCT-2008 11:27:18	Straylight	48.000	52	16Bet Cet	2.0370	4500.0	96	34460	No
127	GOM_NL__2PRFIN20081002_113727_000000362072_00338_34460_0757.N1	02-OCT-2008 11:37:27	Bright	35.500	90	54Alp Peg	2.4870	11000.	71	34460	No
128	GOM_NL__2PRFIN20081002_114104_000000382072_00338_34460_0758.N1	02-OCT-2008 11:41:04	Bright	38.000	93	53Bet Peg	2.5200	3100.0	76	34460	No
129	GOM_NL__2PRFIN20081002_115023_000000392072_00338_34460_0759.N1	02-OCT-2008 11:50:23	Bright	38.500	74	11Bet Cas	2.2680	6600.0	77	34460	No
130	GOM_NL__2PRFIN20081002_115140_000000392072_00338_34460_0760.N1	02-OCT-2008 11:51:40	Bright	38.500	76	27Gam Cas	2.3000	30000.	77	34460	No
131	GOM_NL__2PRFIN20081002_115826_000000362072_00338_34460_0761.N1	02-OCT-2008 11:58:26	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	34460	No
132	GOM_NL__2PRFIN20081002_120625_000000342072_00338_34460_0762.N1	02-OCT-2008 12:06:25	Bright	34.000	36	50Alp UMa	1.8000	6300.0	68	34460	No
133	GOM_NL__2PRFIN20081002_120756_000000332072_00338_34460_0763.N1	02-OCT-2008 12:07:56	Bright	33.000	82	48Bet UMa	2.3650	10600.	66	34460	No
134	GOM_NL__2PRFIN20081002_121750_000000362072_00338_34460_0764.N1	02-OCT-2008 12:17:50	Bright	36.000	166	17Eps Leo	2.9800	6000.0	72	34460	No
135	GOM_NL__2PRFIN20081002_122729_000000502072_00338_34460_0765.N1	02-OCT-2008 12:27:29	Twilight	50.000	48	30Alp Hya	1.9770	4100.0	100	34460	No
136	GOM_NL__2PRFIN20081002_123445_000000482072_00338_34460_0766.N1	02-OCT-2008 12:34:45	Dark	47.500	132	15Rho Pup	2.8030	6900.0	95	34460	No
137	GOM_NL__2PRFIN20081002_123709_000000412072_00338_34460_0767.N1	02-OCT-2008 12:37:09	Dark	41.000	65	Lam Vel	2.2040	4400.0	82	34460	No
138	GOM_NL__2PRFIN20081002_123949_000000412072_00338_34460_0768.N1	02-OCT-2008 12:39:49	Dark	41.000	34	Gam2Vel	1.7930	23000.	82	34460	No
139	GOM_NL__2PRFIN20081002_124339_000000432072_00339_34461_0767.N1	02-OCT-2008 12:43:39	Dark	42.500	161	Tau Pup	2.9310	4500.0	85	34461	No
140	GOM_NL__2PRFIN20081002_124503_000000472072_00339_34461_0768.N1	02-OCT-2008 12:45:03	Dark	46.500	2	Alp Car	-0.73600	7000.0	93	34461	No
141	GOM_NL__2PRFIN20081002_125415_000000382072_00339_34461_0769.N1	02-OCT-2008 12:54:15	Dark	38.000	143	Alp Hyi	2.8570	7200.0	76	34461	No
142	GOM_NL__2PRFIN20081002_125543_000000422072_00339_34461_0770.N1	02-OCT-2008 12:55:43	Dark	41.500	9	Alp Eri	0.45300	24000.	83	34461	No
143	GOM_NL__2PRFIN20081002_130102_000000382072_00339_34461_0771.N1	02-OCT-2008 13:01:02	Straylight	38.000	84	Alp Phe	2.3970	4500.0	76	34461	No
144	GOM_NL__2PRFIN20081002_130754_000000492072_00339_34461_0772.N1	02-OCT-2008 13:07:54	Straylight	48.500	52	16Bet Cet	2.0370	4500.0	97	34461	No
145	GOM_NL__2PRFIN20081002_131803_000000372072_00339_34461_0773.N1	02-OCT-2008 13:18:03	Bright	36.500	90	54Alp Peg	2.4870	11000.	73	34461	No
146	GOM_NL__2PRFIN20081002_132140_000000352072_00339_34461_0774.N1	02-OCT-2008 13:21:40	Bright	34.500	93	53Bet Peg	2.5200	3100.0	69	34461	No
147	GOM_NL__2PRFIN20081002_133058_000000382072_00339_34461_0775.N1	02-OCT-2008 13:30:58	Bright	38.000	74	11Bet Cas	2.2680	6600.0	76	34461	No
148	GOM_NL__2PRFIN20081002_133215_000000402072_00339_34461_0776.N1	02-OCT-2008 13:32:15	Bright	39.500	76	27Gam Cas	2.3000	30000.	79	34461	No
149	GOM_NL__2PRFIN20081002_133901_000000342072_00339_34461_0777.N1	02-OCT-2008 13:39:01	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	34461	No
150	GOM_NL__2PRFIN20081002_134701_000000362072_00339_34461_0778.N1	02-OCT-2008 13:47:01	Bright	35.500	36	50Alp UMa	1.8000	6300.0	71	34461	No
151	GOM_NL__2PRFIN20081002_134832_000000352072_00339_34461_0779.N1	02-OCT-2008 13:48:32	Bright	34.500	82	48Bet UMa	2.3650	10600.	69	34461	No
152	GOM_NL__2PRFIN20081002_135826_000000352072_00339_34461_0780.N1	02-OCT-2008 13:58:26	Bright	34.500	166	17Eps Leo	2.9800	6000.0	69	34461	No
153	GOM_NL__2PRFIN20081002_140805_000000482072_00339_34461_0781.N1	02-OCT-2008 14:08:05	Twilight	47.500	48	30Alp Hya	1.9770	4100.0	95	34461	No
154	GOM_NL__2PRFIN20081002_141522_000000472072_00339_34461_0782.N1	02-OCT-2008 14:15:22	Dark	47.000	132	15Rho Pup	2.8030	6900.0	94	34461	No
155	GOM_NL__2PRFIN20081002_141746_000000432072_00339_34461_0783.N1	02-OCT-2008 14:17:46	Dark	42.500	65	Lam Vel	2.2040	4400.0	85	34461	No
156	GOM_NL__2PRFIN20081002_142026_000000392072_00339_34461_0784.N1	02-OCT-2008 14:20:26	Dark	39.000	34	Gam2Vel	1.7930	23000.	78	34461	No
157	GOM_NL__2PRFIN20081002_142416_000000432072_00340_34462_0792.N1	02-OCT-2008 14:24:16	Dark	42.500	161	Tau Pup	2.9310	4500.0	85	34462	No
158	GOM_NL__2PRFIN20081002_142540_000000602072_00340_34462_0793.N1	02-OCT-2008 14:25:40	Dark	60.000	2	Alp Car	-0.73600	7000.0	120	34462	No
159	GOM_NL__2PRFIN20081002_143451_000000382072_00340_34462_0794.N1	02-OCT-2008 14:34:51	Dark	38.000	143	Alp Hyi	2.8570	7200.0	76	34462	No
160	GOM_NL__2PRFIN20081002_143619_000000412072_00340_34462_0795.N1	02-OCT-2008 14:36:19	Dark	40.500	9	Alp Eri	0.45300	24000.	81	34462	No

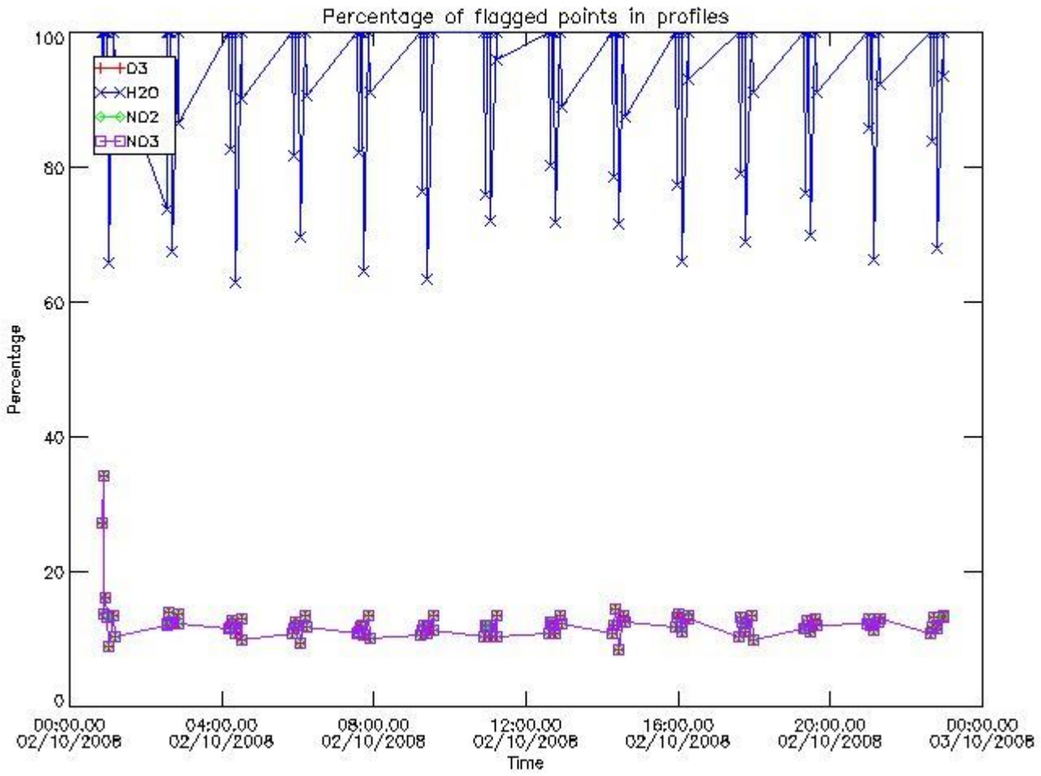
161	GOM_NL__2PRFIN20081002_144138_000000402072_00340_34462_0796.N1	02-OCT-2008 14:41:38	Straylight	39.500	84	Alp Phe	2.3970	4500.0	79	34462	No
162	GOM_NL__2PRFIN20081002_144830_000000492072_00340_34462_0797.N1	02-OCT-2008 14:48:30	Straylight	48.500	52	16Bet Cet	2.0370	4500.0	97	34462	No
163	GOM_NL__2PRFIN20081002_145839_000000372072_00340_34462_0798.N1	02-OCT-2008 14:58:39	Bright	36.500	90	54Alp Peg	2.4870	11000.	73	34462	No
164	GOM_NL__2PRFIN20081002_150216_000000362072_00340_34462_0799.N1	02-OCT-2008 15:02:16	Bright	35.500	93	53Bet Peg	2.5200	3100.0	71	34462	No
165	GOM_NL__2PRFIN20081002_151134_000000382072_00340_34462_0800.N1	02-OCT-2008 15:11:34	Bright	38.000	74	11Bet Cas	2.2680	6600.0	76	34462	No
166	GOM_NL__2PRFIN20081002_151251_000000402072_00340_34462_0801.N1	02-OCT-2008 15:12:51	Bright	40.000	76	27Gam Cas	2.3000	30000.	80	34462	No
167	GOM_NL__2PRFIN20081002_151937_000000372072_00340_34462_0802.N1	02-OCT-2008 15:19:37	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	34462	No
168	GOM_NL__2PRFIN20081002_152738_000000372072_00340_34462_0803.N1	02-OCT-2008 15:27:38	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	34462	No
169	GOM_NL__2PRFIN20081002_152908_000000342072_00340_34462_0804.N1	02-OCT-2008 15:29:08	Bright	34.000	82	48Bet UMa	2.3650	10600.	68	34462	No
170	GOM_NL__2PRFIN20081002_153902_000000362072_00340_34462_0805.N1	02-OCT-2008 15:39:02	Bright	36.000	166	17Eps Leo	2.9800	6000.0	72	34462	No
171	GOM_NL__2PRFIN20081002_154842_000000482072_00340_34462_0806.N1	02-OCT-2008 15:48:42	Twilight	48.000	48	30Alp Hya	1.9770	4100.0	96	34462	No
172	GOM_NL__2PRFIN20081002_155559_000000442072_00340_34462_0807.N1	02-OCT-2008 15:55:59	Dark	43.500	132	15Rho Pup	2.8030	6900.0	87	34462	No
173	GOM_NL__2PRFIN20081002_155822_000000432072_00340_34462_0808.N1	02-OCT-2008 15:58:22	Dark	42.500	65	Lam Vel	2.2040	4400.0	85	34462	No
174	GOM_NL__2PRFIN20081002_160102_000000412072_00340_34462_0809.N1	02-OCT-2008 16:01:02	Dark	41.000	34	Gam2Vel	1.7930	23000.	82	34462	No
175	GOM_NL__2PRFIN20081002_160453_000000432072_00341_34463_0831.N1	02-OCT-2008 16:04:53	Dark	43.000	161	Tau Pup	2.9310	4500.0	86	34463	No
176	GOM_NL__2PRFIN20081002_160617_000000462072_00341_34463_0832.N1	02-OCT-2008 16:06:17	Dark	46.000	2	Alp Car	-0.73600	7000.0	92	34463	No
177	GOM_NL__2PRFIN20081002_161528_000000382072_00341_34463_0833.N1	02-OCT-2008 16:15:28	Dark	38.000	143	Alp Hyi	2.8570	7200.0	76	34463	No
178	GOM_NL__2PRFIN20081002_161655_000000432072_00341_34463_0834.N1	02-OCT-2008 16:16:55	Dark	43.000	9	Alp Eri	0.45300	24000.	86	34463	No
179	GOM_NL__2PRFIN20081002_162214_000000452072_00341_34463_0835.N1	02-OCT-2008 16:22:14	Straylight	44.500	84	Alp Phe	2.3970	4500.0	89	34463	No
180	GOM_NL__2PRFIN20081002_162907_000000492072_00341_34463_0836.N1	02-OCT-2008 16:29:07	Straylight	48.500	52	16Bet Cet	2.0370	4500.0	97	34463	No
181	GOM_NL__2PRFIN20081002_163915_000000362072_00341_34463_0837.N1	02-OCT-2008 16:39:15	Bright	36.000	90	54Alp Peg	2.4870	11000.	72	34463	No
182	GOM_NL__2PRFIN20081002_164252_000000382072_00341_34463_0838.N1	02-OCT-2008 16:42:52	Bright	37.500	93	53Bet Peg	2.5200	3100.0	75	34463	No
183	GOM_NL__2PRFIN20081002_165210_000000382072_00341_34463_0839.N1	02-OCT-2008 16:52:10	Bright	38.000	74	11Bet Cas	2.2680	6600.0	76	34463	No
184	GOM_NL__2PRFIN20081002_165327_000000402072_00341_34463_0840.N1	02-OCT-2008 16:53:27	Bright	39.500	76	27Gam Cas	2.3000	30000.	79	34463	No
185	GOM_NL__2PRFIN20081002_170013_000000372072_00341_34463_0841.N1	02-OCT-2008 17:00:13	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	34463	No
186	GOM_NL__2PRFIN20081002_170814_000000342072_00341_34463_0842.N1	02-OCT-2008 17:08:14	Bright	34.000	36	50Alp UMa	1.8000	6300.0	68	34463	No
187	GOM_NL__2PRFIN20081002_170944_000000342072_00341_34463_0843.N1	02-OCT-2008 17:09:44	Bright	33.500	82	48Bet UMa	2.3650	10600.	67	34463	No
188	GOM_NL__2PRFIN20081002_171939_000000362072_00341_34463_0844.N1	02-OCT-2008 17:19:39	Bright	36.000	166	17Eps Leo	2.9800	6000.0	72	34463	No
189	GOM_NL__2PRFIN20081002_172918_000000452072_00341_34463_0845.N1	02-OCT-2008 17:29:18	Twilight	44.500	48	30Alp Hya	1.9770	4100.0	89	34463	No
190	GOM_NL__2PRFIN20081002_173636_000000502072_00341_34463_0846.N1	02-OCT-2008 17:36:36	Dark	49.500	132	15Rho Pup	2.8030	6900.0	99	34463	No
191	GOM_NL__2PRFIN20081002_173858_000000392072_00341_34463_0847.N1	02-OCT-2008 17:38:58	Dark	38.500	65	Lam Vel	2.2040	4400.0	77	34463	No
192	GOM_NL__2PRFIN20081002_174139_000000412072_00341_34463_0848.N1	02-OCT-2008 17:41:39	Dark	40.500	34	Gam2Vel	1.7930	23000.	81	34463	No
193	GOM_NL__2PRFIN20081002_174529_000000462072_00342_34464_0854.N1	02-OCT-2008 17:45:29	Dark	45.500	161	Tau Pup	2.9310	4500.0	91	34464	No
194	GOM_NL__2PRFIN20081002_174654_000000462072_00342_34464_0855.N1	02-OCT-2008 17:46:54	Dark	45.500	2	Alp Car	-0.73600	7000.0	91	34464	No
195	GOM_NL__2PRFIN20081002_175604_000000382072_00342_34464_0856.N1	02-OCT-2008 17:56:04	Dark	38.000	143	Alp Hyi	2.8570	7200.0	76	34464	No
196	GOM_NL__2PRFIN20081002_175732_000000512072_00342_34464_0857.N1	02-OCT-2008 17:57:32	Dark	51.000	9	Alp Eri	0.45300	24000.	102	34464	No
197	GOM_NL__2PRFIN20081002_180250_000000432072_00342_34464_0858.N1	02-OCT-2008 18:02:50	Straylight	42.500	84	Alp Phe	2.3970	4500.0	85	34464	No
198	GOM_NL__2PRFIN20081002_180943_000000492072_00342_34464_0859.N1	02-OCT-2008 18:09:43	Straylight	48.500	52	16Bet Cet	2.0370	4500.0	97	34464	No
199	GOM_NL__2PRFIN20081002_181951_000000372072_00342_34464_0860.N1	02-OCT-2008 18:19:51	Bright	36.500	90	54Alp Peg	2.4870	11000.	73	34464	No
200	GOM_NL__2PRFIN20081002_182328_000000372072_00342_34464_0861.N1	02-OCT-2008 18:23:28	Bright	36.500	93	53Bet Peg	2.5200	3100.0	73	34464	No
201	GOM_NL__2PRFIN20081002_183246_000000392072_00342_34464_0862.N1	02-OCT-2008 18:32:46	Bright	38.500	74	11Bet Cas	2.2680	6600.0	77	34464	No
202	GOM_NL__2PRFIN20081002_183402_000000402072_00342_34464_0863.N1	02-OCT-2008 18:34:02	Bright	39.500	76	27Gam Cas	2.3000	30000.	79	34464	No
203	GOM_NL__2PRFIN20081002_184049_000000362072_00342_34464_0864.N1	02-OCT-2008 18:40:49	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	34464	No
204	GOM_NL__2PRFIN20081002_184850_000000372072_00342_34464_0865.N1	02-OCT-2008 18:48:50	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	34464	No
205	GOM_NL__2PRFIN20081002_185020_000000352072_00342_34464_0866.N1	02-OCT-2008 18:50:20	Bright	35.000	82	48Bet UMa	2.3650	10600.	70	34464	No
206	GOM_NL__2PRFIN20081002_190015_000000352072_00342_34464_0867.N1	02-OCT-2008 19:00:15	Bright	35.000	166	17Eps Leo	2.9800	6000.0	70	34464	No
207	GOM_NL__2PRFIN20081002_190955_000000442072_00342_34464_0868.N1	02-OCT-2008 19:09:55	Twilight	44.000	48	30Alp Hya	1.9770	4100.0	88	34464	No
208	GOM_NL__2PRFIN20081002_191713_000000482072_00342_34464_0869.N1	02-OCT-2008 19:17:13	Dark	48.000	132	15Rho Pup	2.8030	6900.0	96	34464	No
209	GOM_NL__2PRFIN20081002_191935_000000452072_00342_34464_0870.N1	02-OCT-2008 19:19:35	Dark	44.500	65	Lam Vel	2.2040	4400.0	89	34464	No
210	GOM_NL__2PRFIN20081002_192215_000000402072_00342_34464_0871.N1	02-OCT-2008 19:22:15	Dark	40.000	34	Gam2Vel	1.7930	23000.	80	34464	No
211	GOM_NL__2PRFIN20081002_192606_000000432072_00343_34465_0875.N1	02-OCT-2008 19:26:06	Dark	42.500	161	Tau Pup	2.9310	4500.0	85	34465	No
212	GOM_NL__2PRFIN20081002_192730_000000602072_00343_34465_0876.N1	02-OCT-2008 19:27:30	Dark	60.000	2	Alp Car	-0.73600	7000.0	120	34465	No
213	GOM_NL__2PRFIN20081002_193640_000000392072_00343_34465_0877.N1	02-OCT-2008 19:36:40	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	34465	No
214	GOM_NL__2PRFIN20081002_193808_000000512072_00343_34465_0878.N1	02-OCT-2008 19:38:08	Dark	50.500	9	Alp Eri	0.45300	24000.	101	34465	No
215	GOM_NL__2PRFIN20081002_194327_000000422072_00343_34465_0879.N1	02-OCT-2008 19:43:27	Straylight	41.500	84	Alp Phe	2.3970	4500.0	83	34465	No
216	GOM_NL__2PRFIN20081002_195019_000000482072_00343_34465_0880.N1	02-OCT-2008 19:50:19	Straylight	47.500	52	16Bet Cet	2.0370	4500.0	95	34465	No
217	GOM_NL__2PRFIN20081002_200027_000000372072_00343_34465_0881.N1	02-OCT-2008 20:00:27	Bright	36.500	90	54Alp Peg	2.4870	11000.	73	34465	No
218	GOM_NL__2PRFIN20081002_200404_000000362072_00343_34465_0882.N1	02-OCT-2008 20:04:04	Bright	35.500	93	53Bet Peg	2.5200	3100.0	71	34465	No
219	GOM_NL__2PRFIN20081002_201321_000000382072_00343_34465_0883.N1	02-OCT-2008 20:13:21	Bright	37.500	74	11Bet Cas	2.2680	6600.0	75	34465	No

220	GOM_NL__2PRFIN20081002_201438_000000402072_00343_34465_0884.N1	02-OCT-2008 20:14:38	Bright	40.000	76	27Gam Cas	2.3000	30000.	80	34465	No
221	GOM_NL__2PRFIN20081002_202125_000000362072_00343_34465_0885.N1	02-OCT-2008 20:21:25	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	34465	No
222	GOM_NL__2PRFIN20081002_202926_000000372072_00343_34465_0886.N1	02-OCT-2008 20:29:26	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	34465	No
223	GOM_NL__2PRFIN20081002_203056_000000362072_00343_34465_0887.N1	02-OCT-2008 20:30:56	Bright	36.000	82	48Bet UMa	2.3650	10600.	72	34465	No
224	GOM_NL__2PRFIN20081002_204051_000000362072_00343_34465_0888.N1	02-OCT-2008 20:40:51	Bright	35.500	166	17Eps Leo	2.9800	6000.0	71	34465	No
225	GOM_NL__2PRFIN20081002_205031_000000482072_00343_34465_0889.N1	02-OCT-2008 20:50:31	Twilight	48.000	48	30Alp Hya	1.9770	4100.0	96	34465	No
226	GOM_NL__2PRFIN20081002_205749_000000462072_00343_34465_0890.N1	02-OCT-2008 20:57:49	Dark	45.500	132	15Rho Pup	2.8030	6900.0	91	34465	No
227	GOM_NL__2PRFIN20081002_210011_000000392072_00343_34465_0891.N1	02-OCT-2008 21:00:11	Dark	39.000	65	Lam Vel	2.2040	4400.0	78	34465	No
228	GOM_NL__2PRFIN20081002_210252_000000422072_00343_34465_0892.N1	02-OCT-2008 21:02:52	Dark	42.000	34	Gam2Vel	1.7930	23000.	84	34465	No
229	GOM_NL__2PRFIN20081002_210643_000000422072_00344_34466_0896.N1	02-OCT-2008 21:06:43	Dark	42.000	161	Tau Pup	2.9310	4500.0	84	34466	No
230	GOM_NL__2PRFIN20081002_210807_000000452072_00344_34466_0897.N1	02-OCT-2008 21:08:07	Dark	45.000	2	Alp Car	-0.73600	7000.0	90	34466	No
231	GOM_NL__2PRFIN20081002_211717_000000412072_00344_34466_0898.N1	02-OCT-2008 21:17:17	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	34466	No
232	GOM_NL__2PRFIN20081002_211844_000000392072_00344_34466_0899.N1	02-OCT-2008 21:18:44	Dark	39.000	9	Alp Eri	0.45300	24000.	78	34466	No
233	GOM_NL__2PRFIN20081002_212403_000000422072_00344_34466_0900.N1	02-OCT-2008 21:24:03	Straylight	42.000	84	Alp Phe	2.3970	4500.0	84	34466	No
234	GOM_NL__2PRFIN20081002_213055_000000482072_00344_34466_0901.N1	02-OCT-2008 21:30:55	Straylight	48.000	52	16Bet Cet	2.0370	4500.0	96	34466	No
235	GOM_NL__2PRFIN20081002_214103_000000362072_00344_34466_0902.N1	02-OCT-2008 21:41:03	Bright	35.500	90	54Alp Peg	2.4870	11000.	71	34466	No
236	GOM_NL__2PRFIN20081002_214440_000000372072_00344_34466_0903.N1	02-OCT-2008 21:44:40	Bright	37.000	93	53Bet Peg	2.5200	3100.0	74	34466	No
237	GOM_NL__2PRFIN20081002_215357_000000382072_00344_34466_0904.N1	02-OCT-2008 21:53:57	Bright	38.000	74	11Bet Cas	2.2680	6600.0	76	34466	No
238	GOM_NL__2PRFIN20081002_215513_000000402072_00344_34466_0905.N1	02-OCT-2008 21:55:13	Bright	40.000	76	27Gam Cas	2.3000	30000.	80	34466	No
239	GOM_NL__2PRFIN20081002_220201_000000362072_00344_34466_0906.N1	02-OCT-2008 22:02:01	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	34466	No
240	GOM_NL__2PRFIN20081002_221002_000000372072_00344_34466_0907.N1	02-OCT-2008 22:10:02	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	34466	No
241	GOM_NL__2PRFIN20081002_221132_000000522072_00344_34466_0908.N1	02-OCT-2008 22:11:32	Bright	52.000	82	48Bet UMa	2.3650	10600.	104	34466	No
242	GOM_NL__2PRFIN20081002_222127_000000362072_00344_34466_0909.N1	02-OCT-2008 22:21:27	Bright	36.000	166	17Eps Leo	2.9800	6000.0	72	34466	No
243	GOM_NL__2PRFIN20081002_223107_000000502072_00344_34466_0910.N1	02-OCT-2008 22:31:07	Twilight	49.500	48	30Alp Hya	1.9770	4100.0	99	34466	No
244	GOM_NL__2PRFIN20081002_223826_000000472072_00344_34466_0911.N1	02-OCT-2008 22:38:26	Dark	46.500	132	15Rho Pup	2.8030	6900.0	93	34466	No
245	GOM_NL__2PRFIN20081002_224047_000000442072_00344_34466_0912.N1	02-OCT-2008 22:40:47	Dark	43.500	65	Lam Vel	2.2040	4400.0	87	34466	No
246	GOM_NL__2PRFIN20081002_224328_000000422072_00344_34466_0913.N1	02-OCT-2008 22:43:28	Dark	42.000	34	Gam2Vel	1.7930	23000.	84	34466	No
247	GOM_NL__2PRFIN20081002_224719_000000432072_00345_34467_0921.N1	02-OCT-2008 22:47:19	Dark	42.500	161	Tau Pup	2.9310	4500.0	85	34467	No
248	GOM_NL__2PRFIN20081002_224844_000000442072_00345_34467_0922.N1	02-OCT-2008 22:48:44	Dark	44.000	2	Alp Car	-0.73600	7000.0	88	34467	No
249	GOM_NL__2PRFIN20081002_225753_000000382072_00345_34467_0923.N1	02-OCT-2008 22:57:53	Dark	37.500	143	Alp Hyi	2.8570	7200.0	75	34467	No
250	GOM_NL__2PRFIN20081002_225921_000000392072_00345_34467_0924.N1	02-OCT-2008 22:59:21	Dark	38.500	9	Alp Eri	0.45300	24000.	77	34467	No
251	GOM_NL__2PRFIN20081002_230439_000000412072_00345_34467_0925.N1	02-OCT-2008 23:04:39	Straylight	41.000	84	Alp Phe	2.3970	4500.0	82	34467	No
252	GOM_NL__2PRFIN20081002_231131_000000482072_00345_34467_0926.N1	02-OCT-2008 23:11:31	Straylight	47.500	52	16Bet Cet	2.0370	4500.0	95	34467	No
253	GOM_NL__2PRFIN20081002_232139_000000362072_00345_34467_0927.N1	02-OCT-2008 23:21:39	Bright	36.000	90	54Alp Peg	2.4870	11000.	72	34467	No
254	GOM_NL__2PRFIN20081002_232516_000000372072_00345_34467_0928.N1	02-OCT-2008 23:25:16	Bright	37.000	93	53Bet Peg	2.5200	3100.0	74	34467	No
255	GOM_NL__2PRFIN20081002_233433_000000382072_00345_34467_0929.N1	02-OCT-2008 23:34:33	Bright	37.500	74	11Bet Cas	2.2680	6600.0	75	34467	No
256	GOM_NL__2PRFIN20081002_233549_000000392072_00345_34467_0930.N1	02-OCT-2008 23:35:49	Bright	39.000	76	27Gam Cas	2.3000	30000.	78	34467	No
257	GOM_NL__2PRFIN20081002_234237_000000402072_00345_34467_0931.N1	02-OCT-2008 23:42:37	Bright	39.500	49	1Alp UMi	1.9900	6300.0	79	34467	No
258	GOM_NL__2PRFIN20081002_235038_000000372072_00345_34467_0932.N1	02-OCT-2008 23:50:38	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	34467	No
259	GOM_NL__2PRFIN20081002_235208_000000342072_00345_34467_0933.N1	02-OCT-2008 23:52:08	Bright	33.500	82	48Bet UMa	2.3650	10600.	67	34467	No

3. Quality information per product

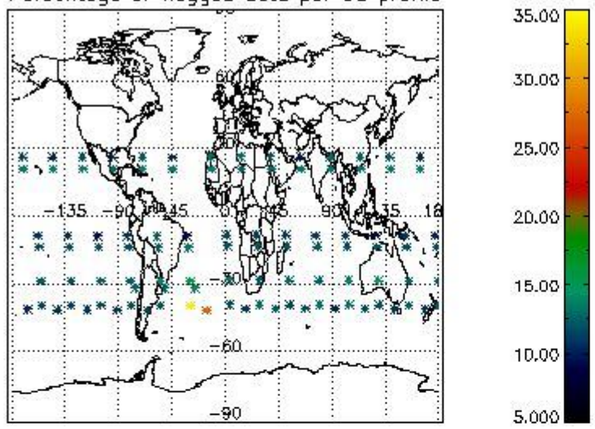
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

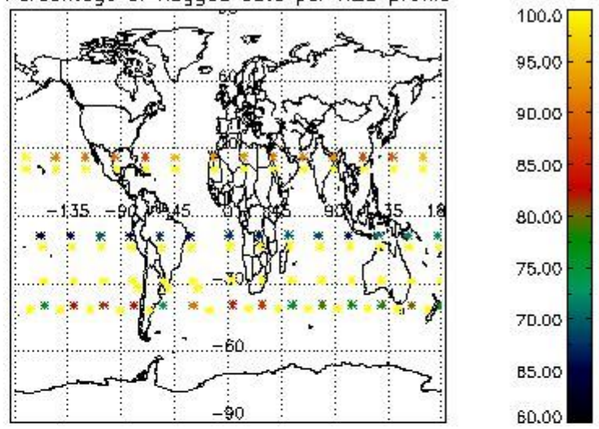


3.2 Plot quality information per product (world map)

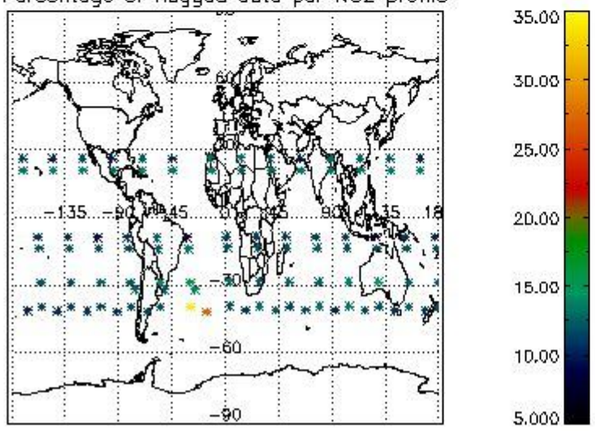
Percentage of flagged data per O3 profile



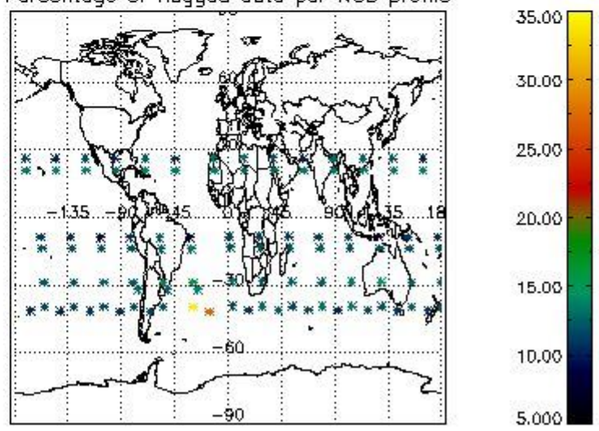
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

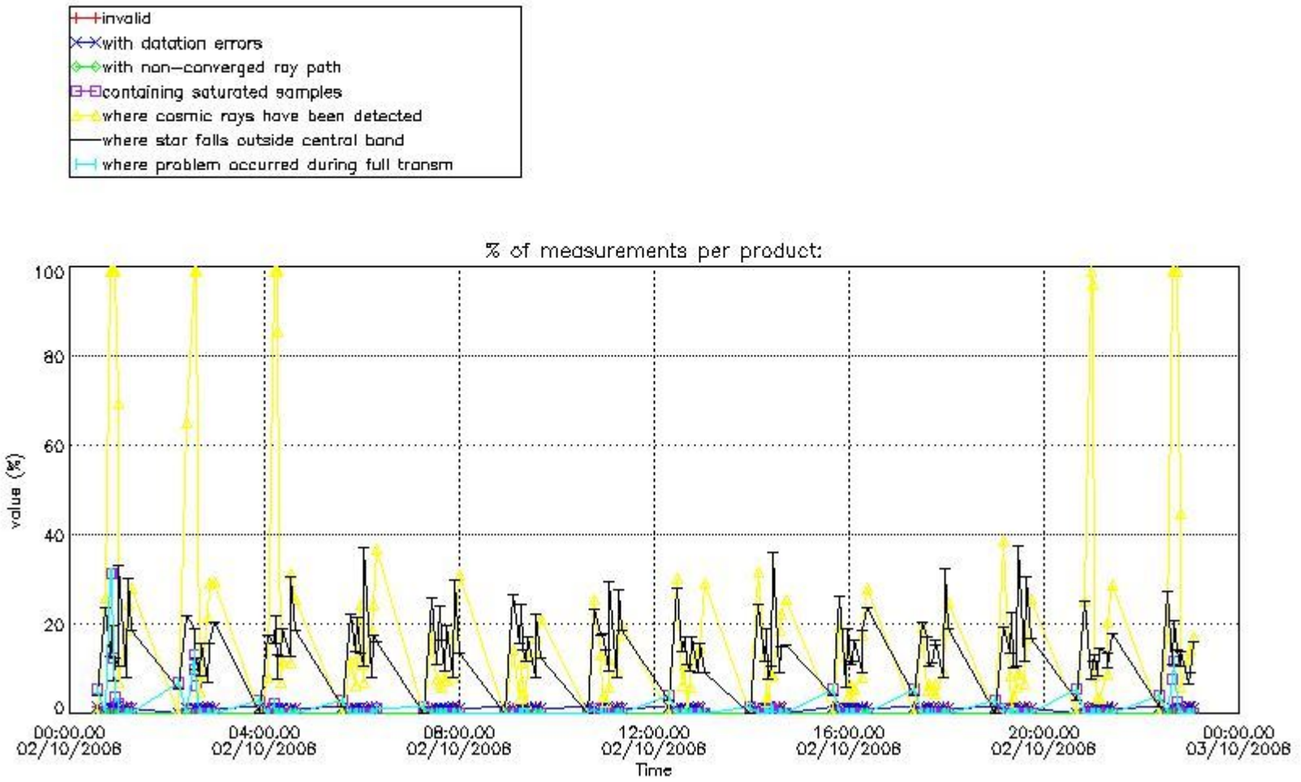


4. Level 1 quality information per product

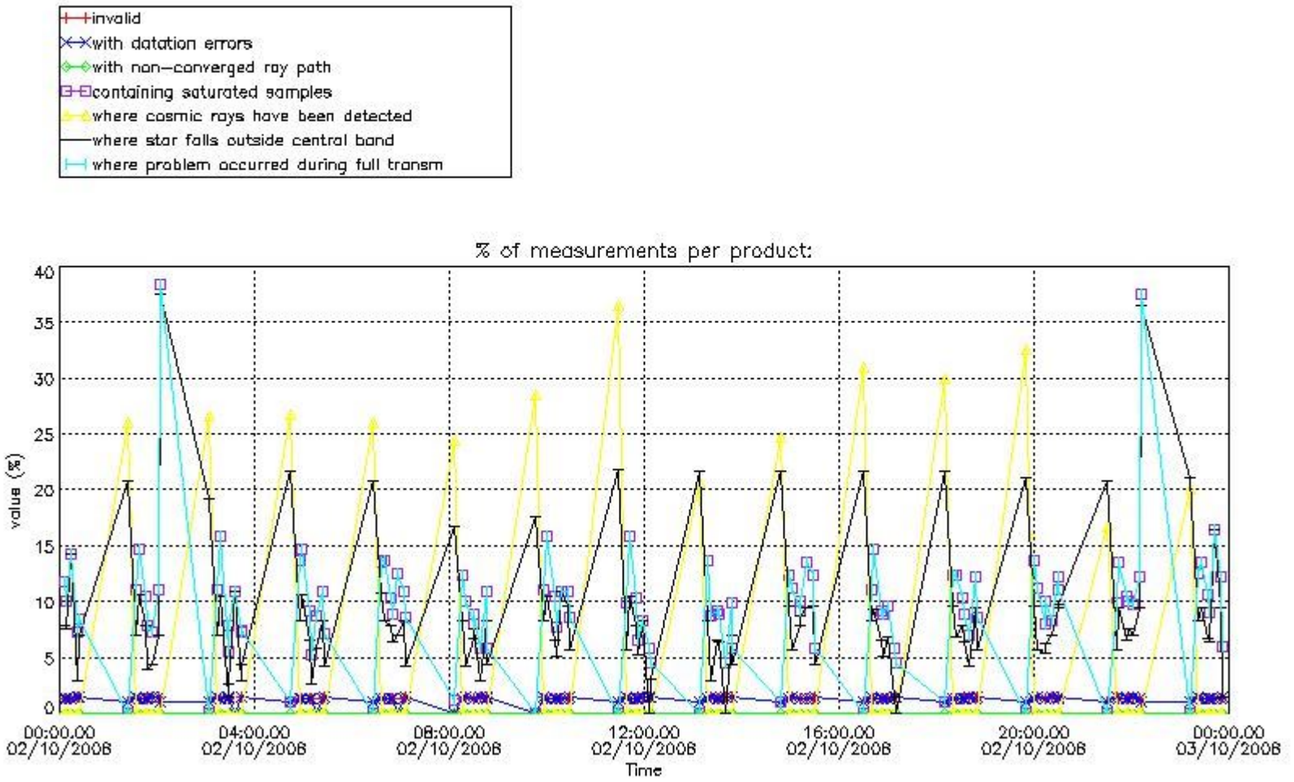
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processsing. Products without errors (error flag in the MPH set to "0") are used.

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

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

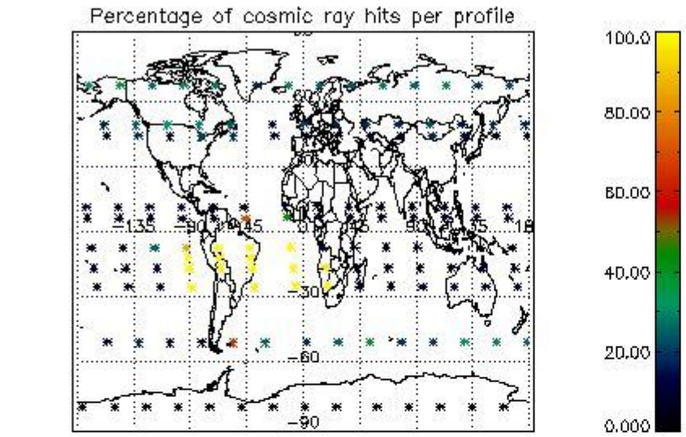


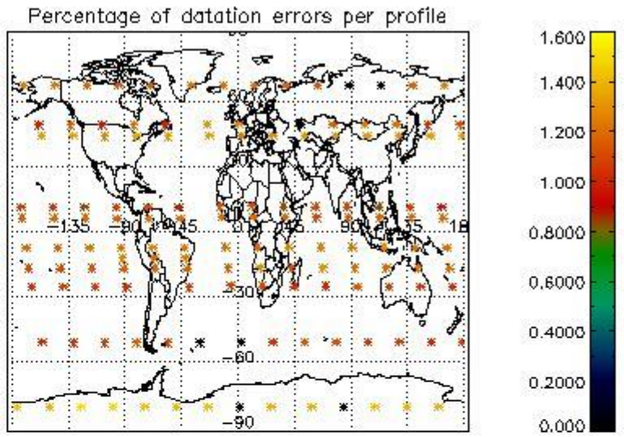
4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes

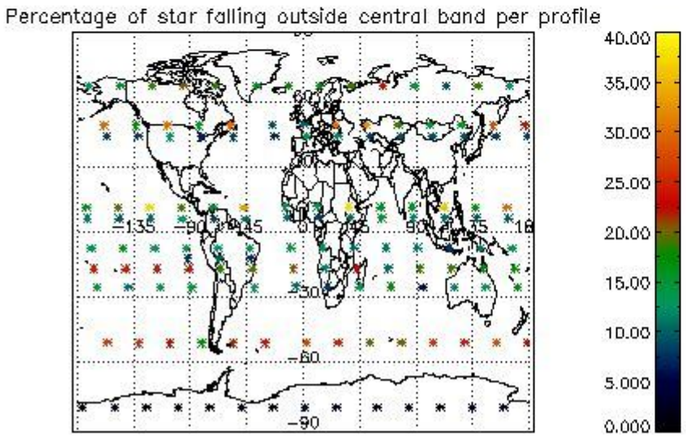


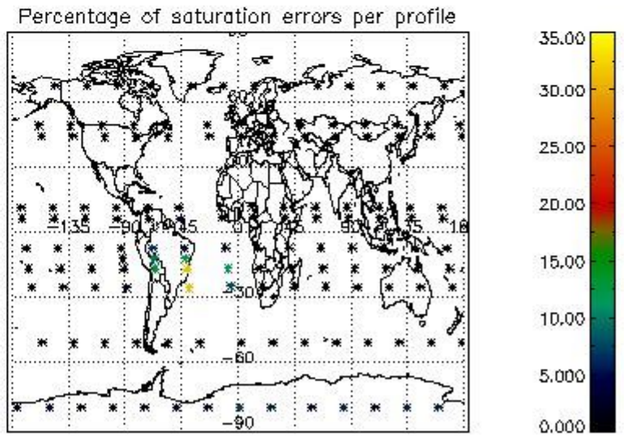
4.2 Plot quality information per product comming from level 1b processing (world map)

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



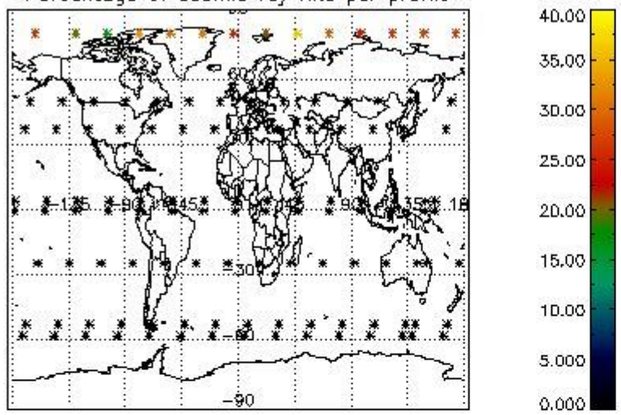




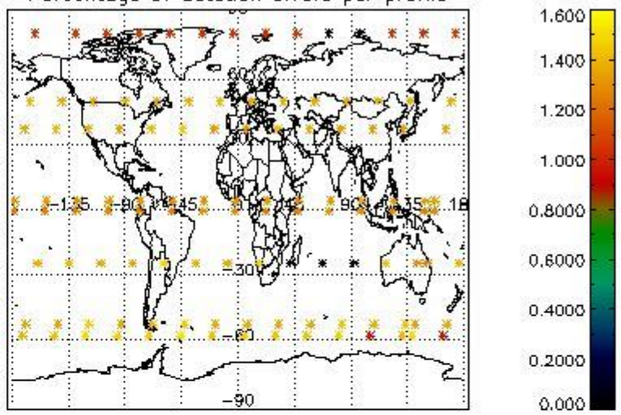


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

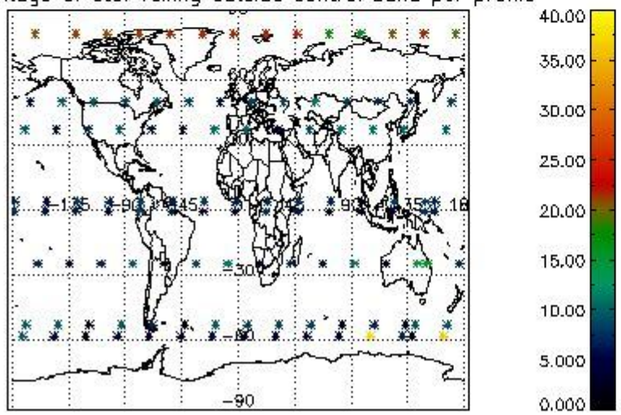
Percentage of cosmic ray hits per profile



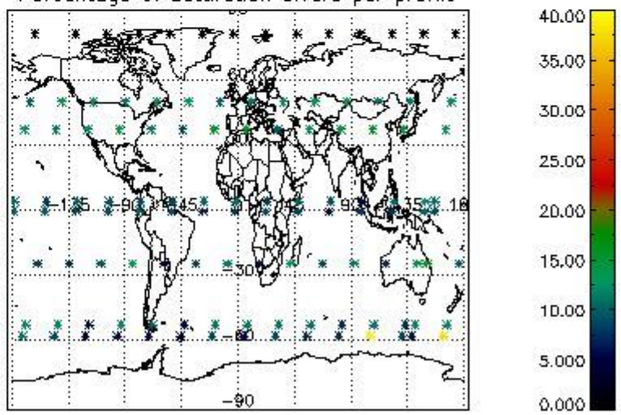
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

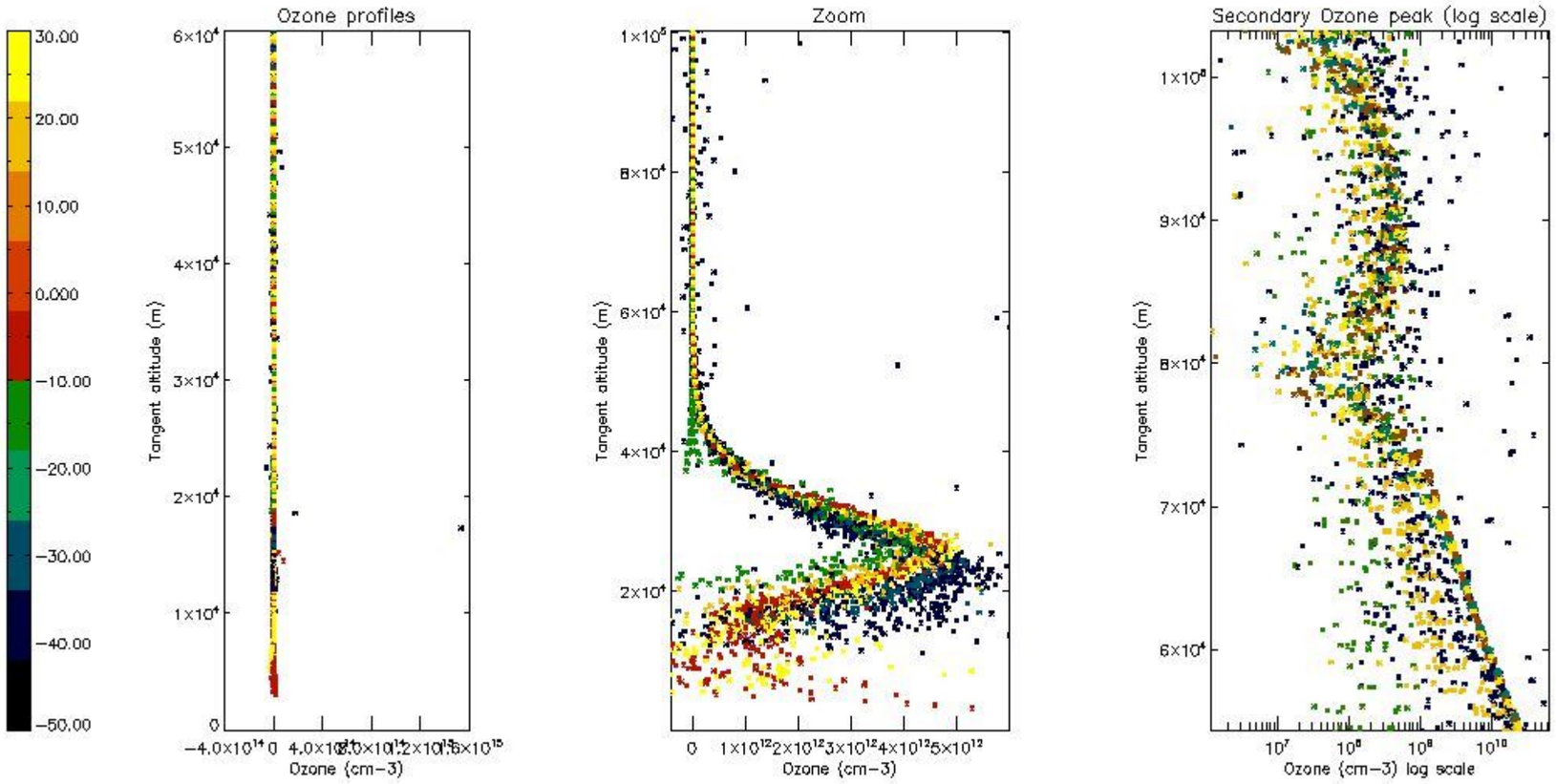
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	42
STD < 20	21

STD < 10	15
STD < 5	10

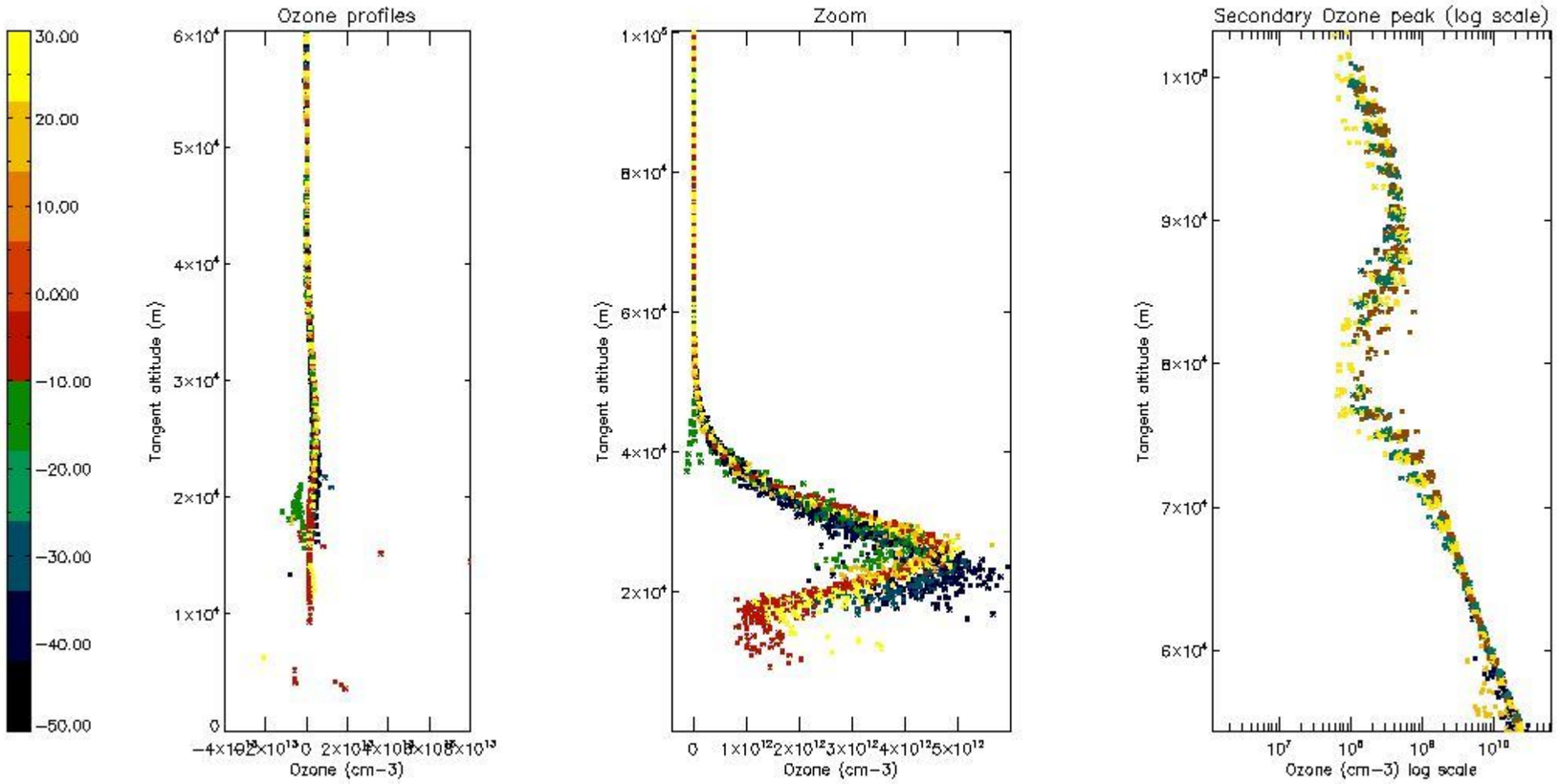
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



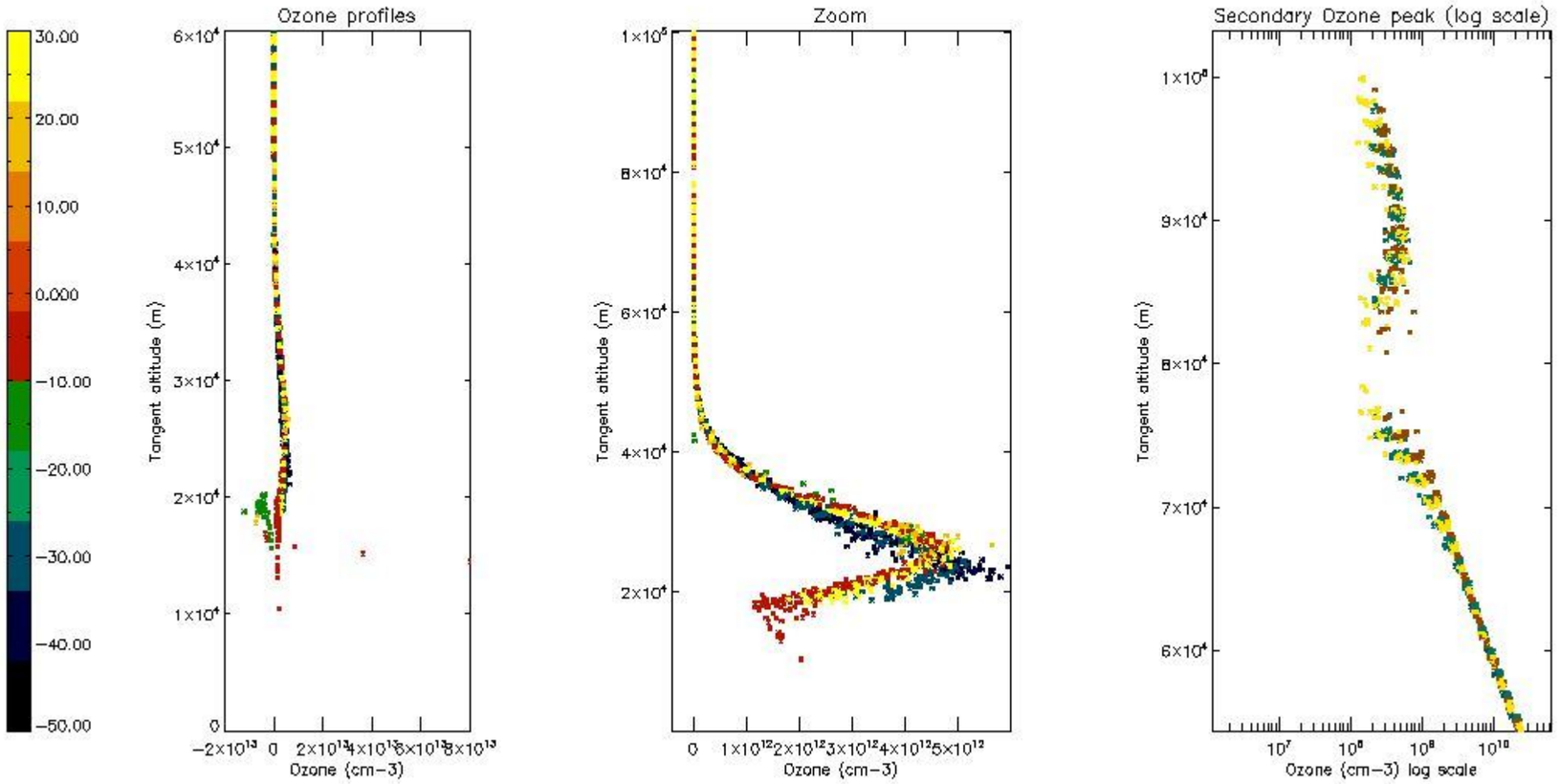
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



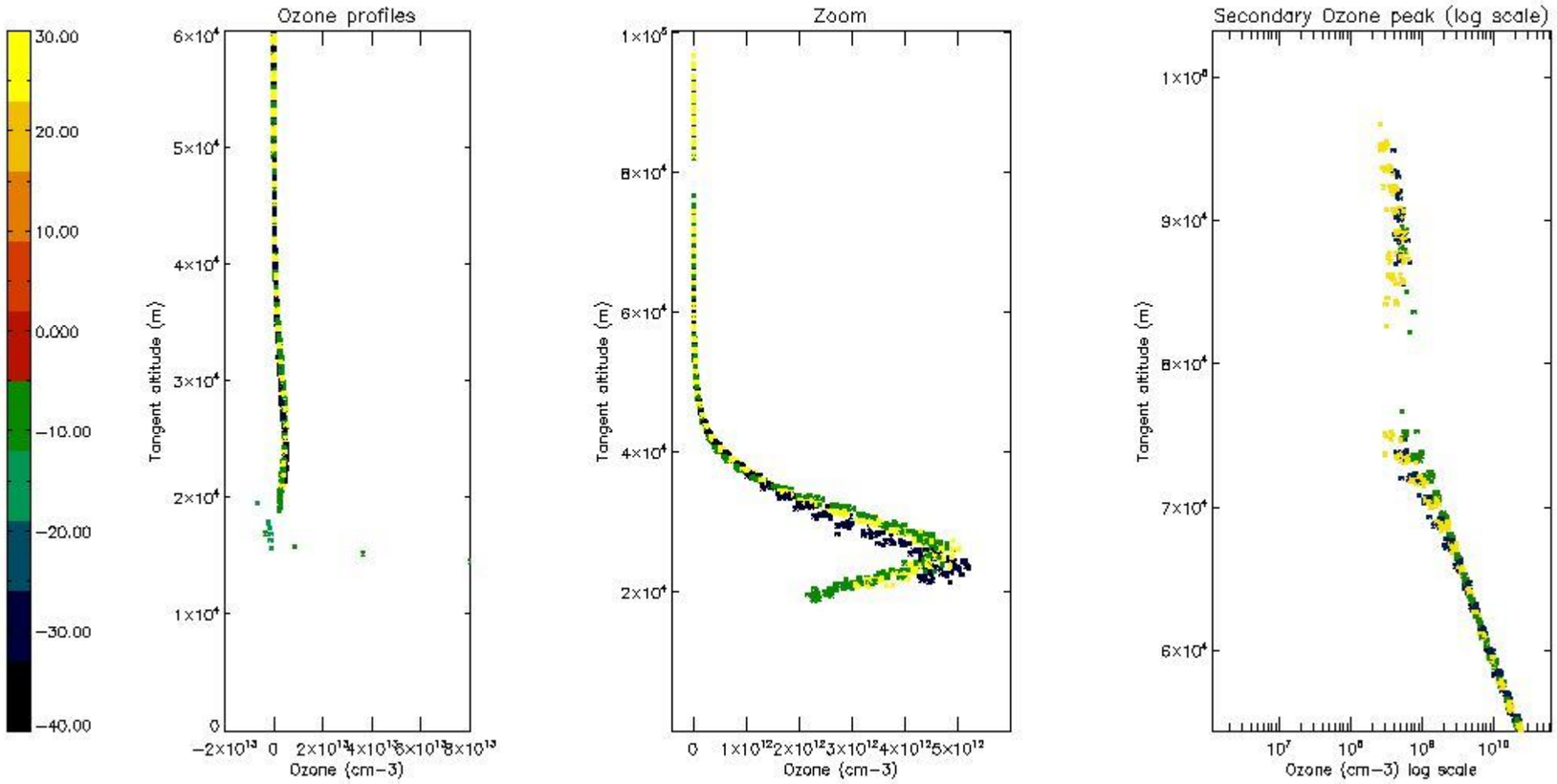
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



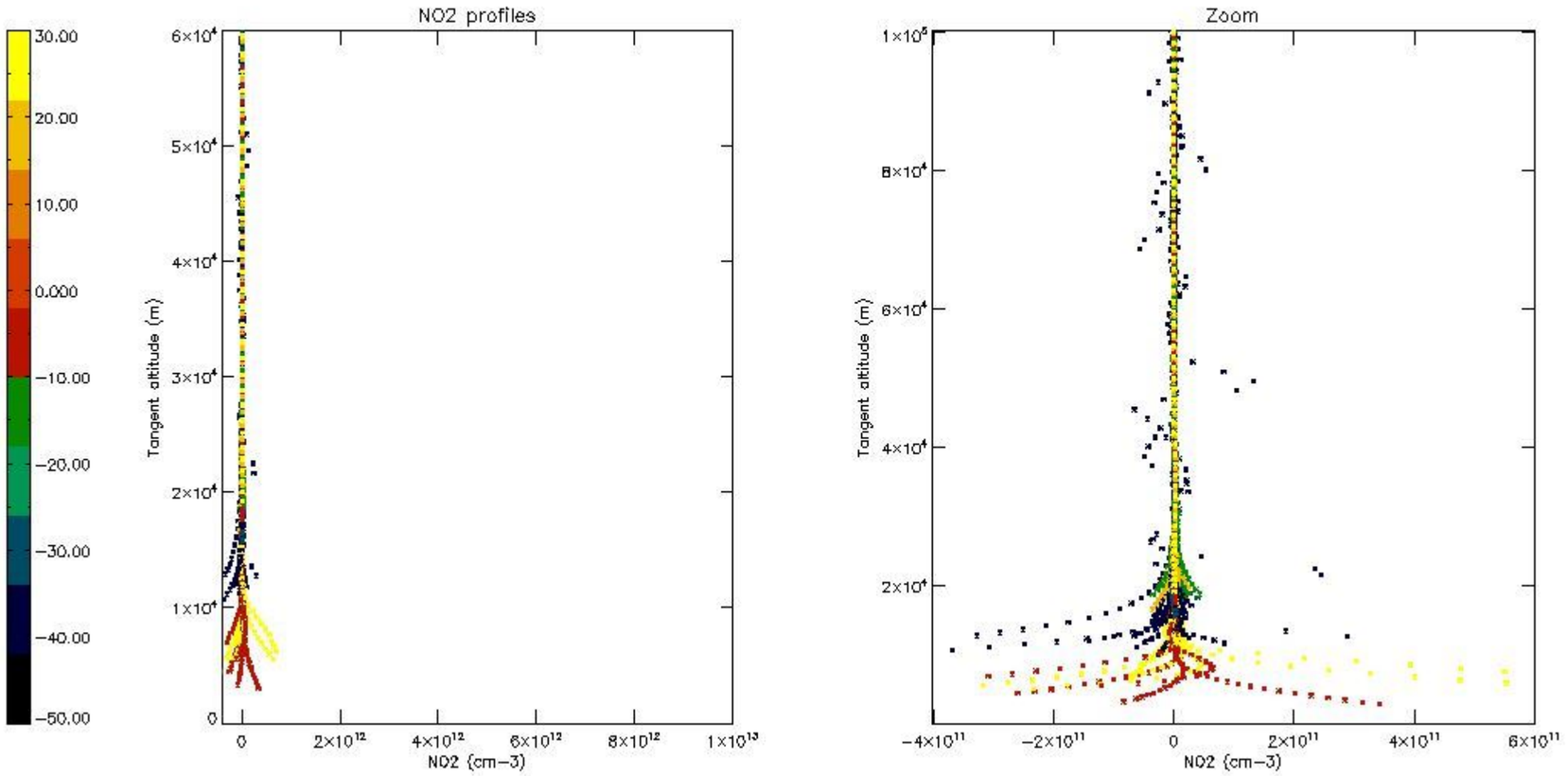
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



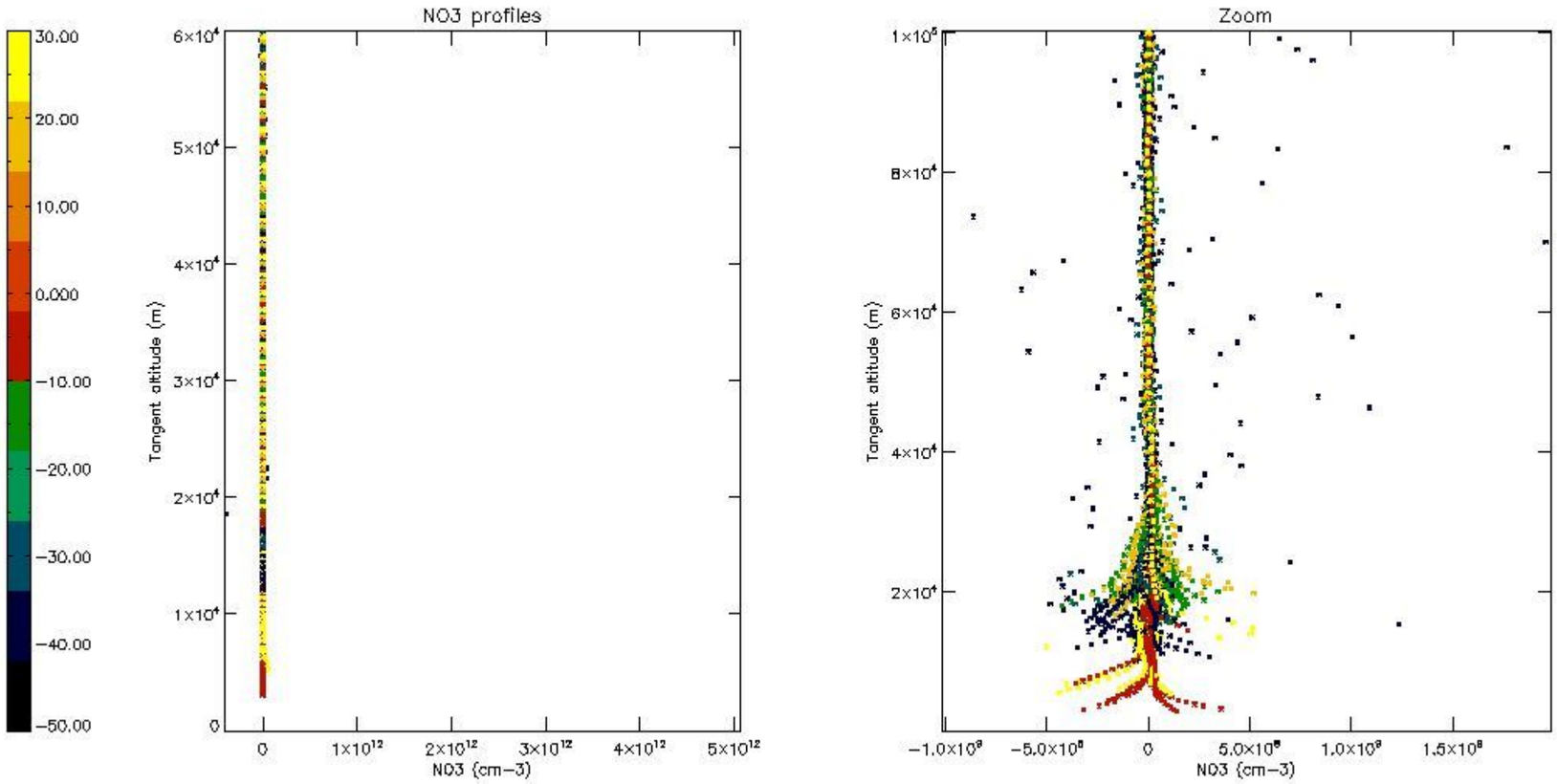
5.6 Plot NO2 profiles for all STD (dark without errors)

The colorbar represents the latitude.



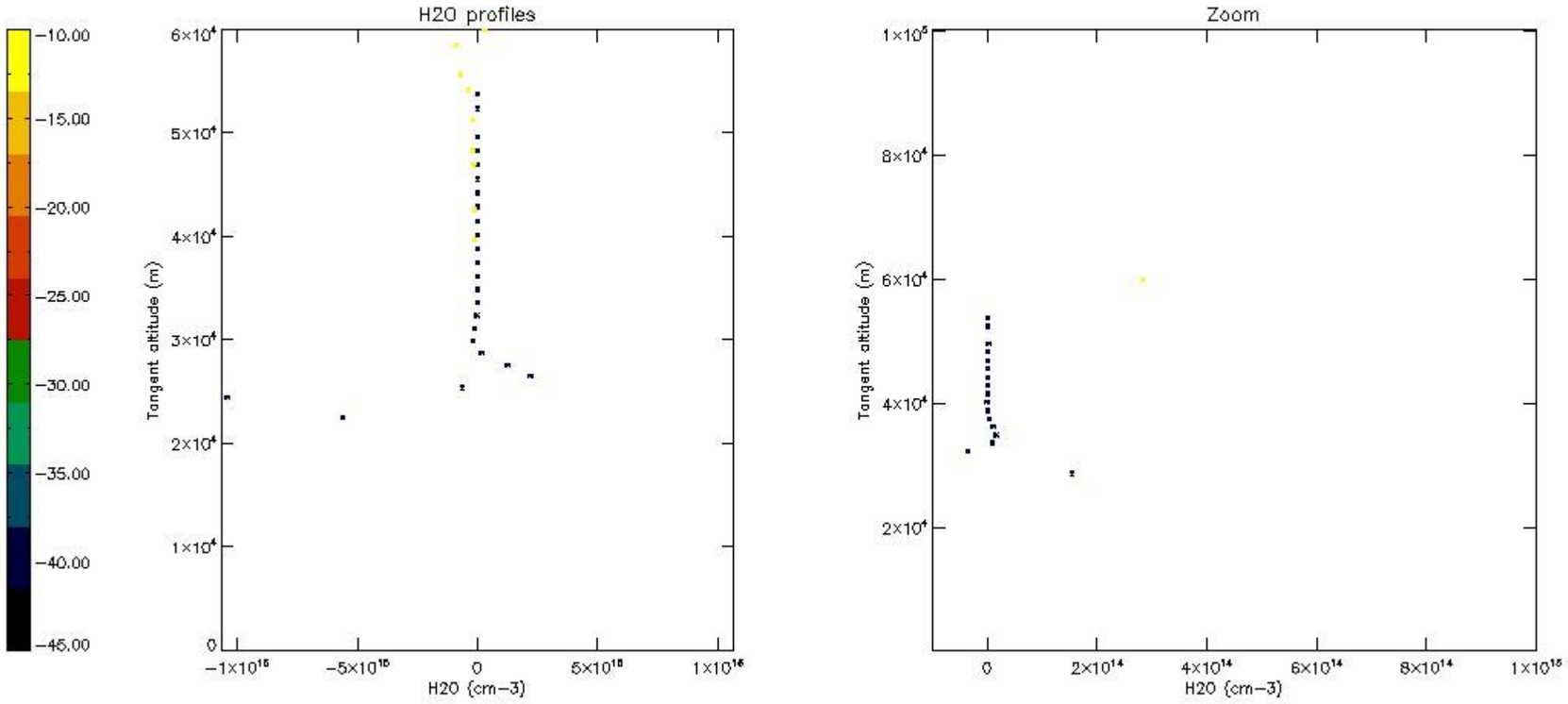
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

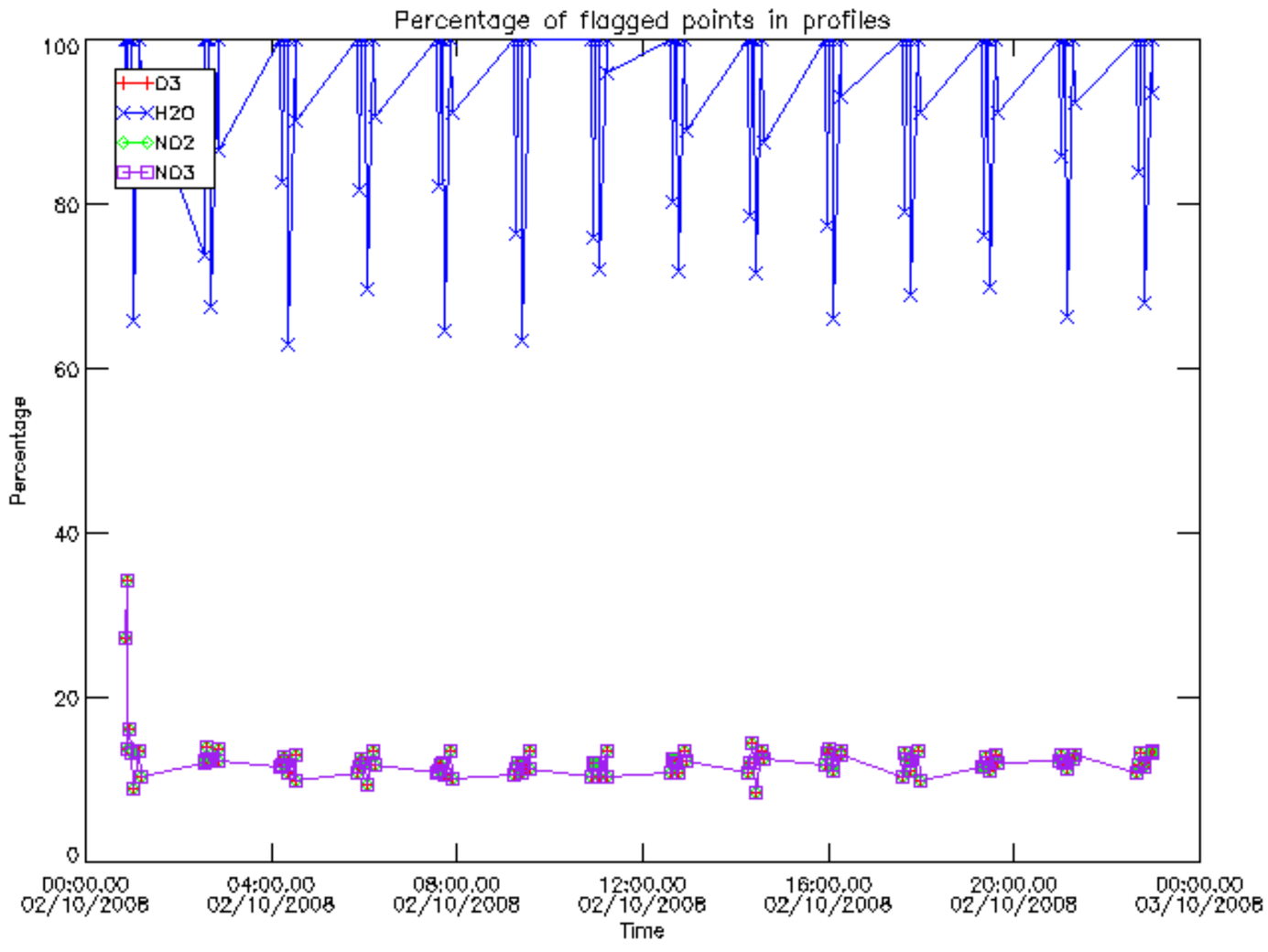
The colorbar represents the latitude.



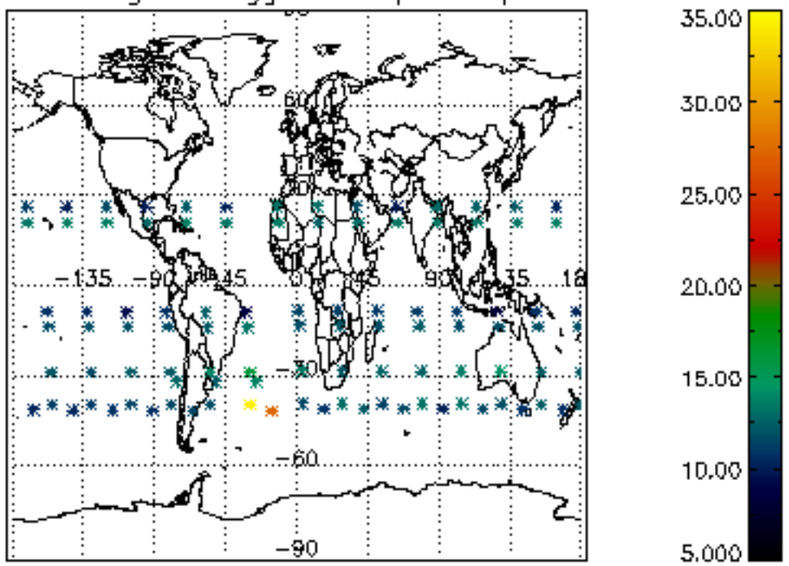
6. Auxiliary Data Files used for the production reported in section 2

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

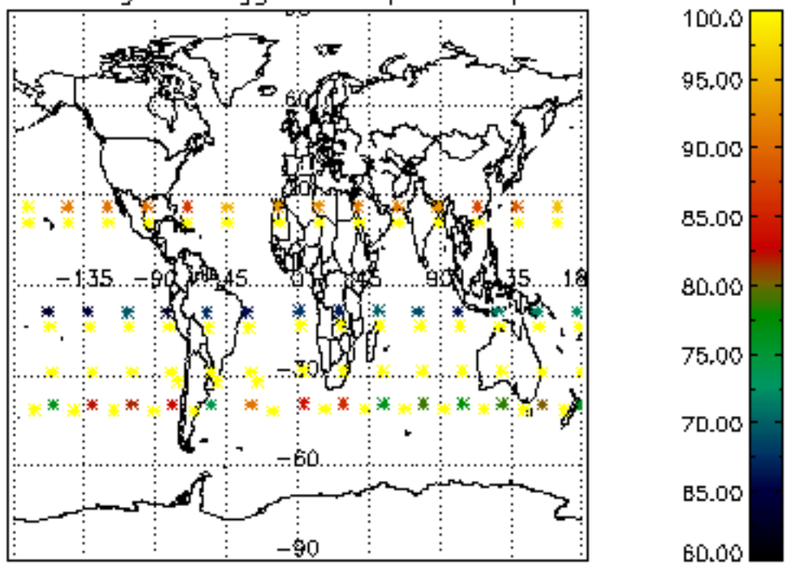
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	02-OCT-2008 00:06:13
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	02-OCT-2008 00:06:13
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	02-OCT-2008 00:06:13


Percentage of flagged points in profiles
O3
H2O
NO2
NO3
100
80
60
40
20
0
Percentage
00:00.00
02/10/2008
04:00.00
02/10/2008
08:00.00
02/10/2008
12:00.00
02/10/2008
16:00.00
02/10/2008
20:00.00
02/10/2008
00:00.00
03/10/2008
Time

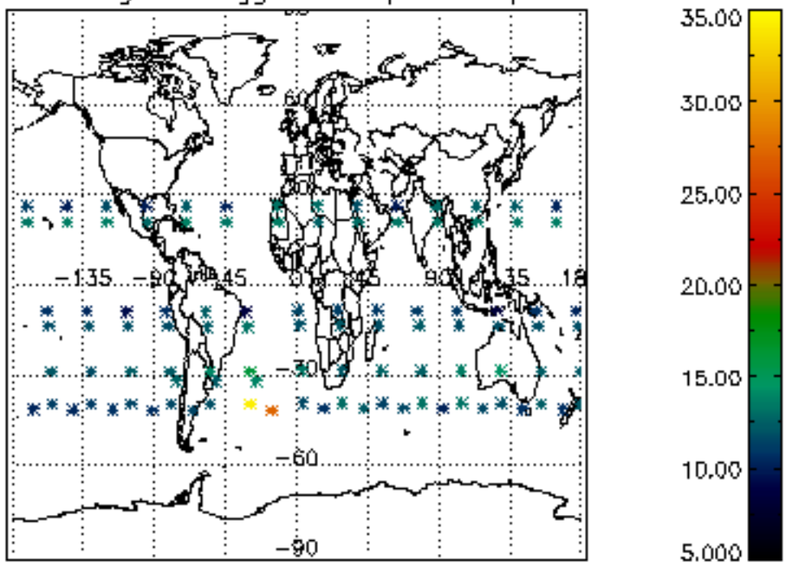
Percentage of flagged data per O3 profile



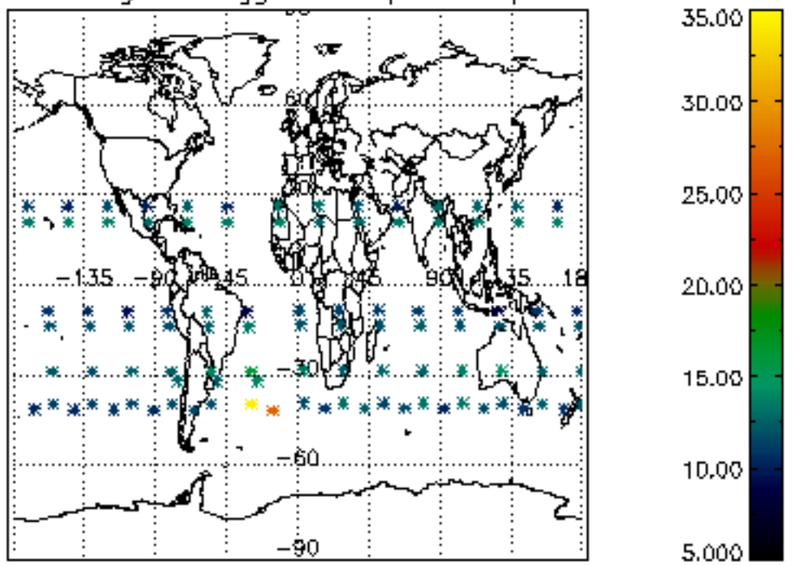
Percentage of flagged data per H2O profile

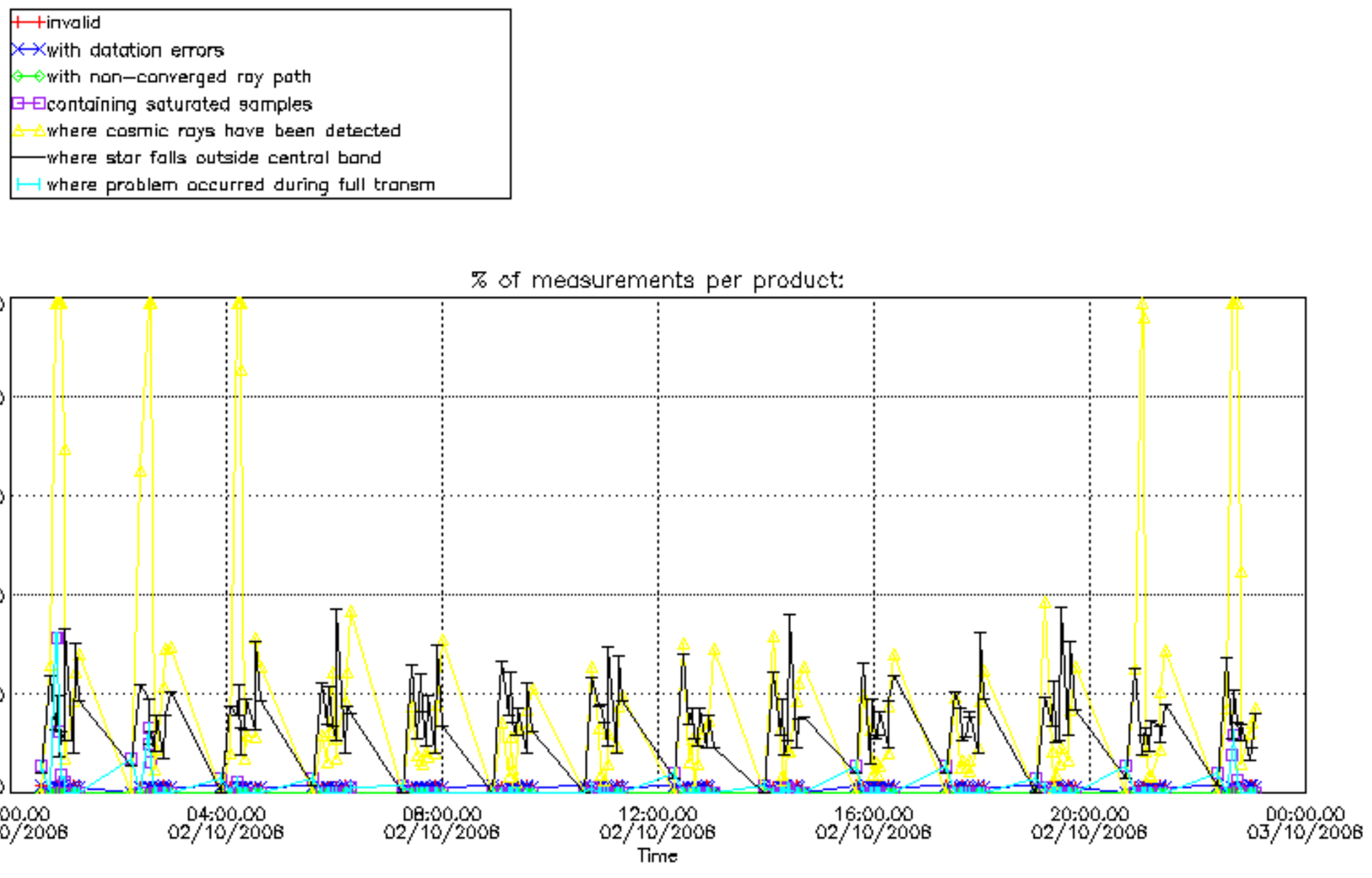


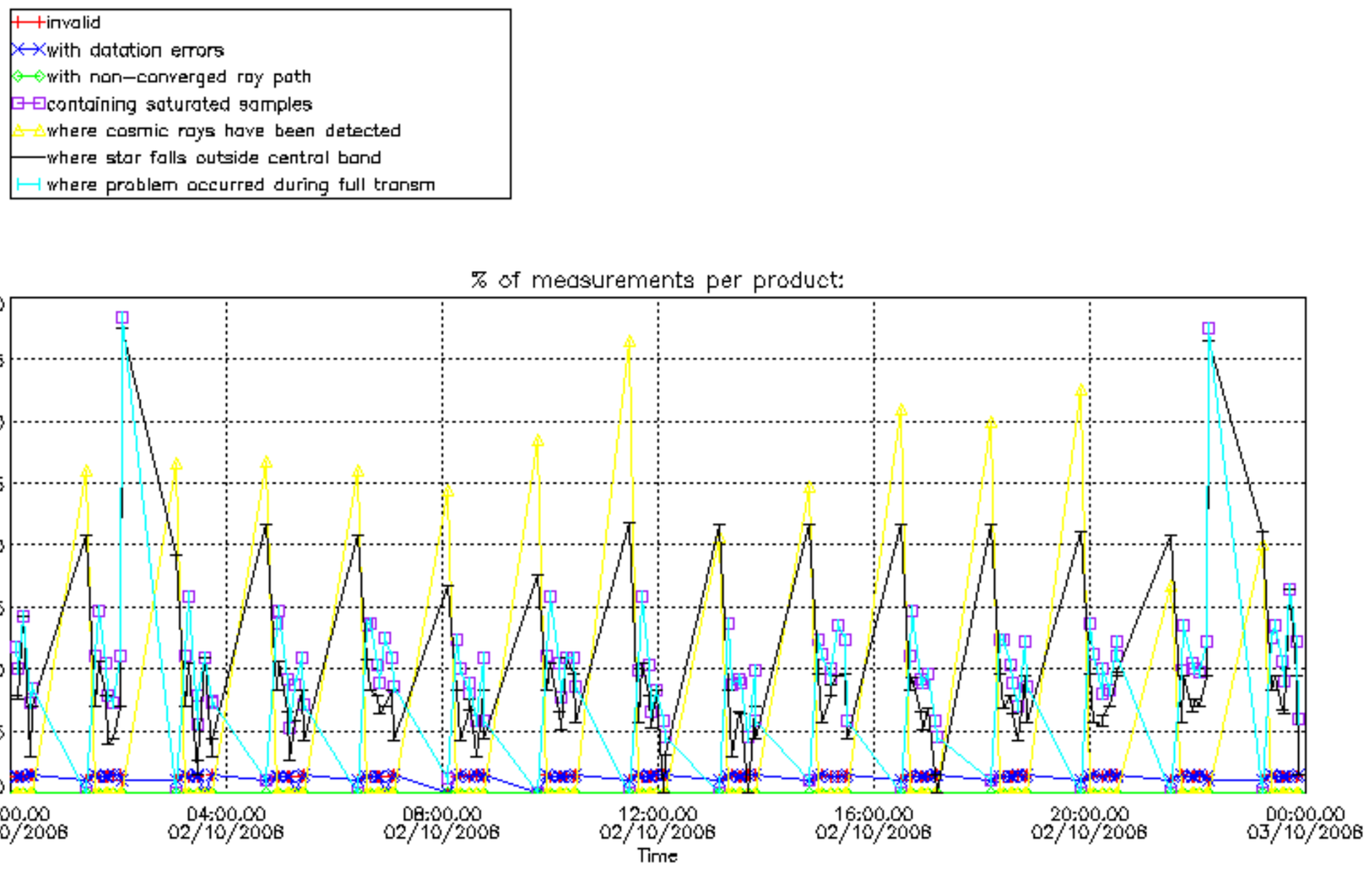
Percentage of flagged data per NO2 profile



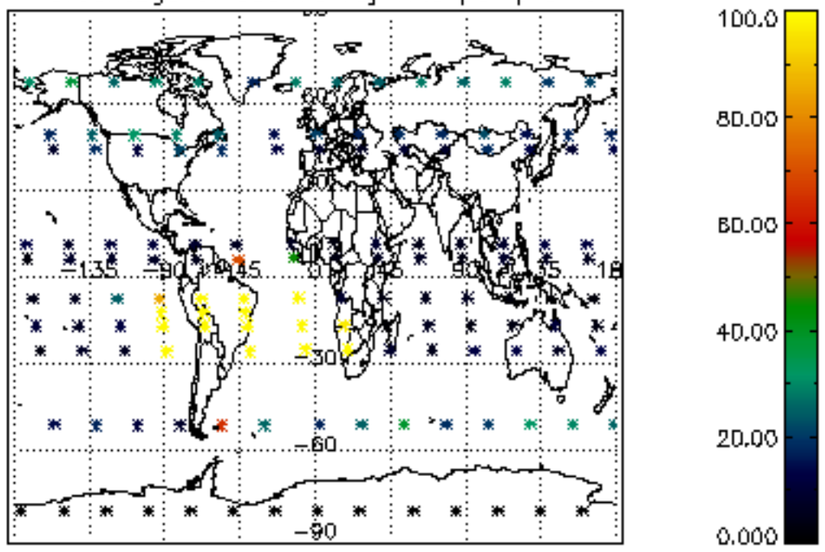
Percentage of flagged data per NO3 profile



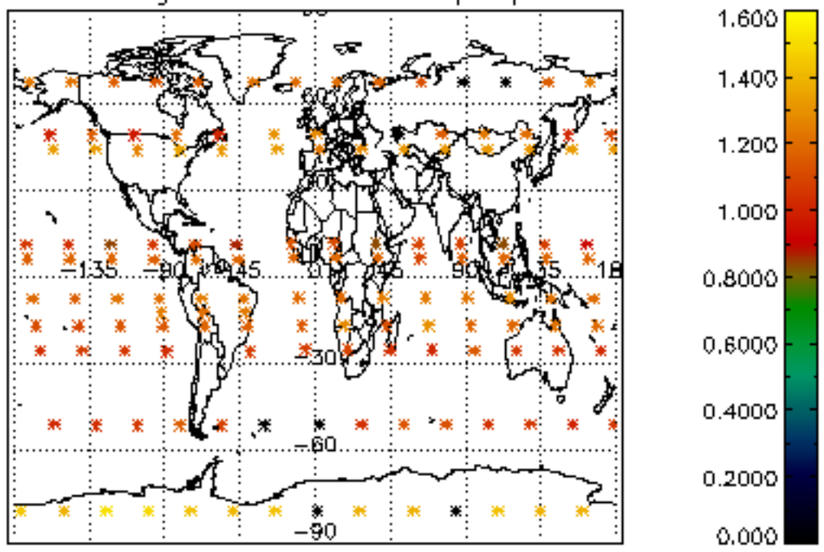

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
100
80
60
40
20
0
value (%)
00:00.00
02/10/2006
04:00.00
02/10/2006
08:00.00
02/10/2006
12:00.00
02/10/2006
16:00.00
02/10/2006
20:00.00
02/10/2006
00:00.00
03/10/2006
Time


invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
40
35
30
25
20
15
10
5
0
value (%)
00:00.00
02/10/2006
04:00.00
02/10/2006
08:00.00
02/10/2006
12:00.00
02/10/2006
16:00.00
02/10/2006
20:00.00
02/10/2006
00:00.00
03/10/2006
Time

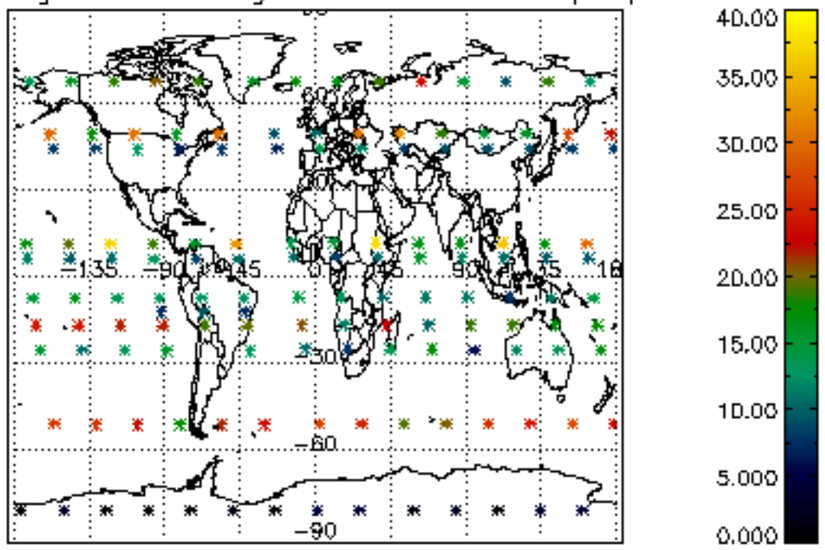
Percentage of cosmic ray hits per profile



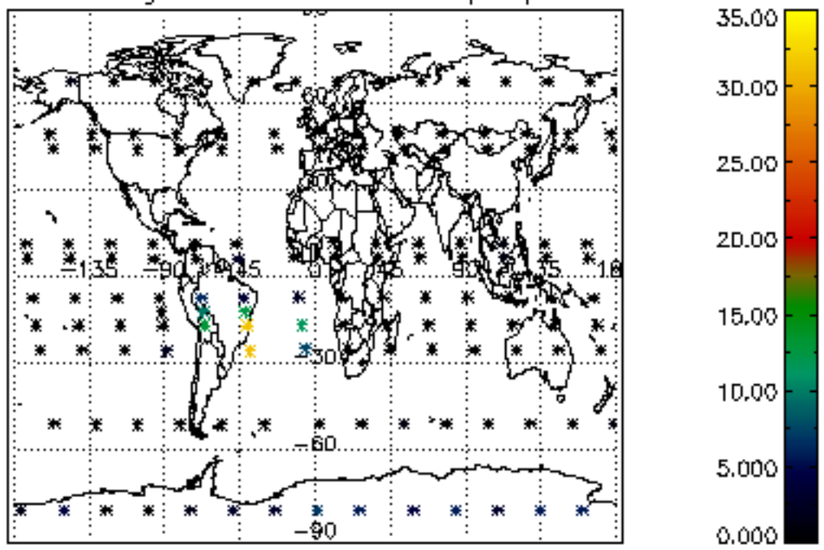
Percentage of datation errors per profile

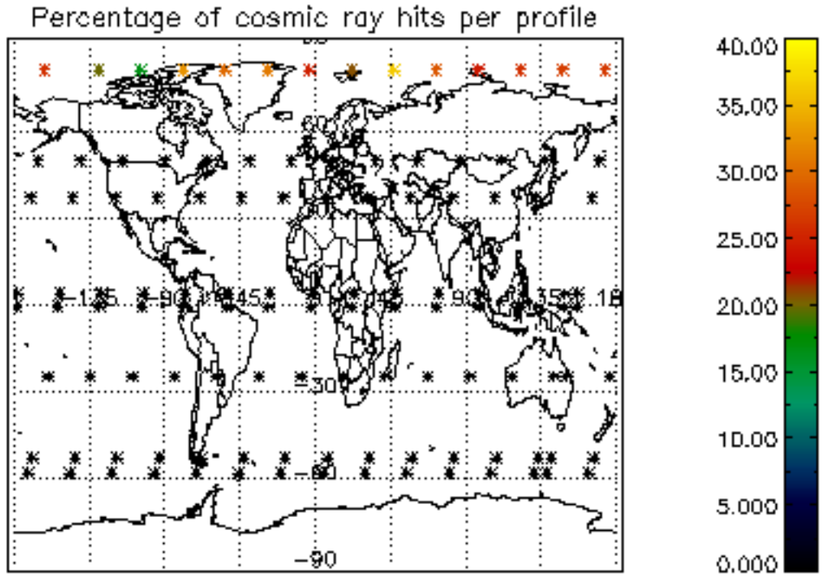


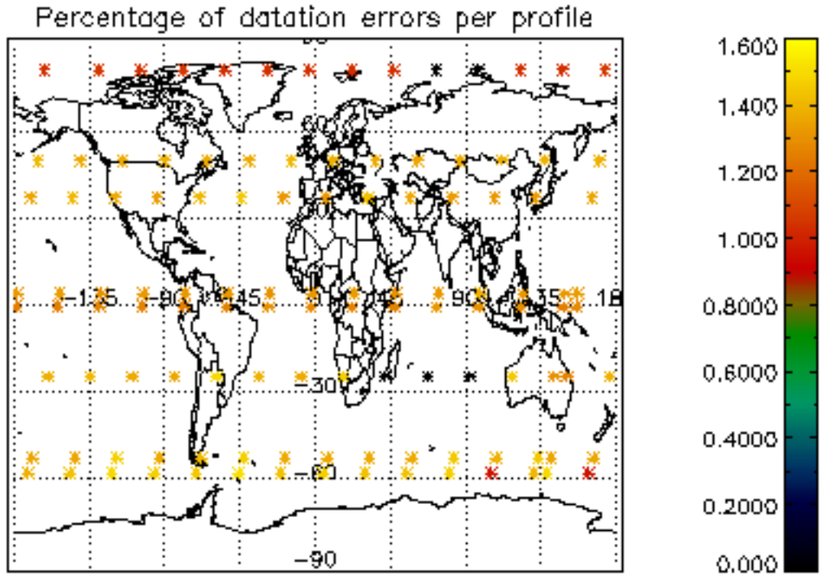
Percentage of star falling outside central band per profile

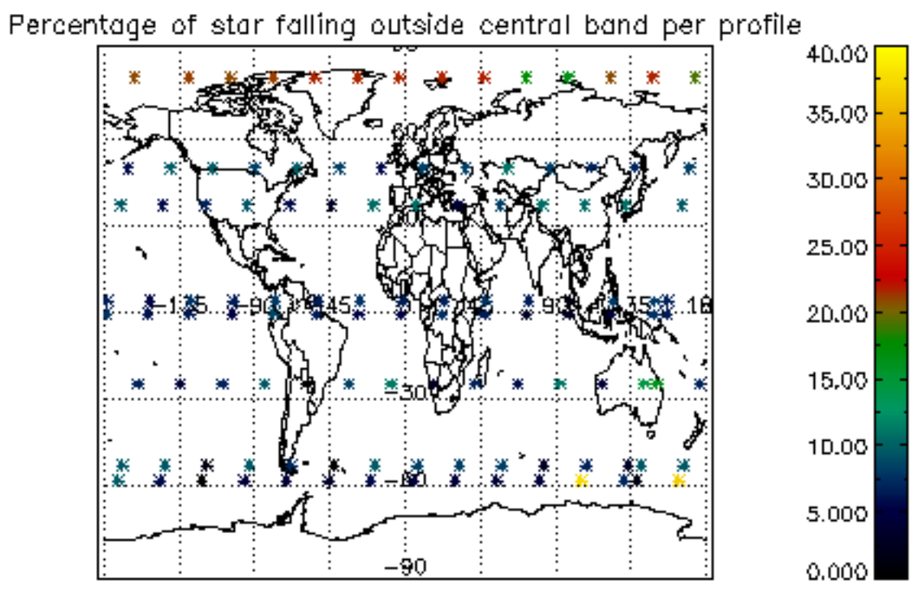


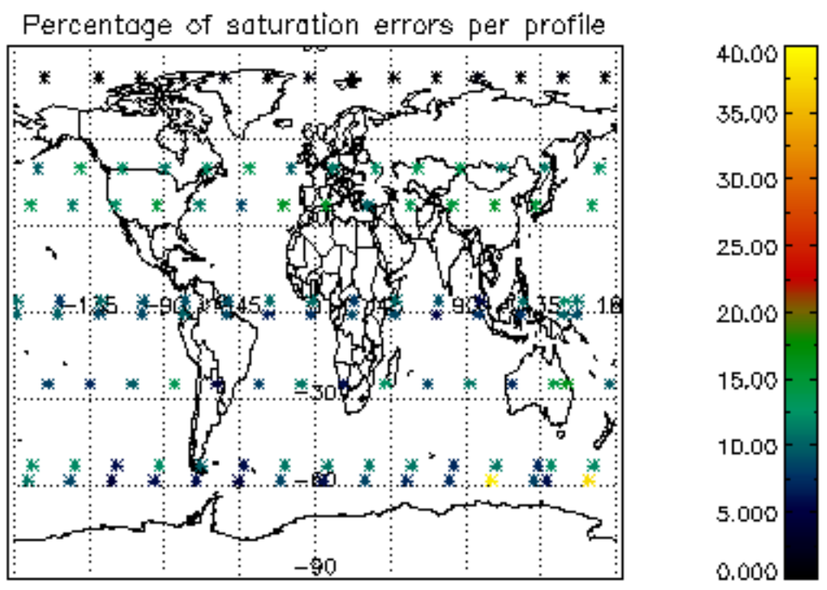
Percentage of saturation errors per profile

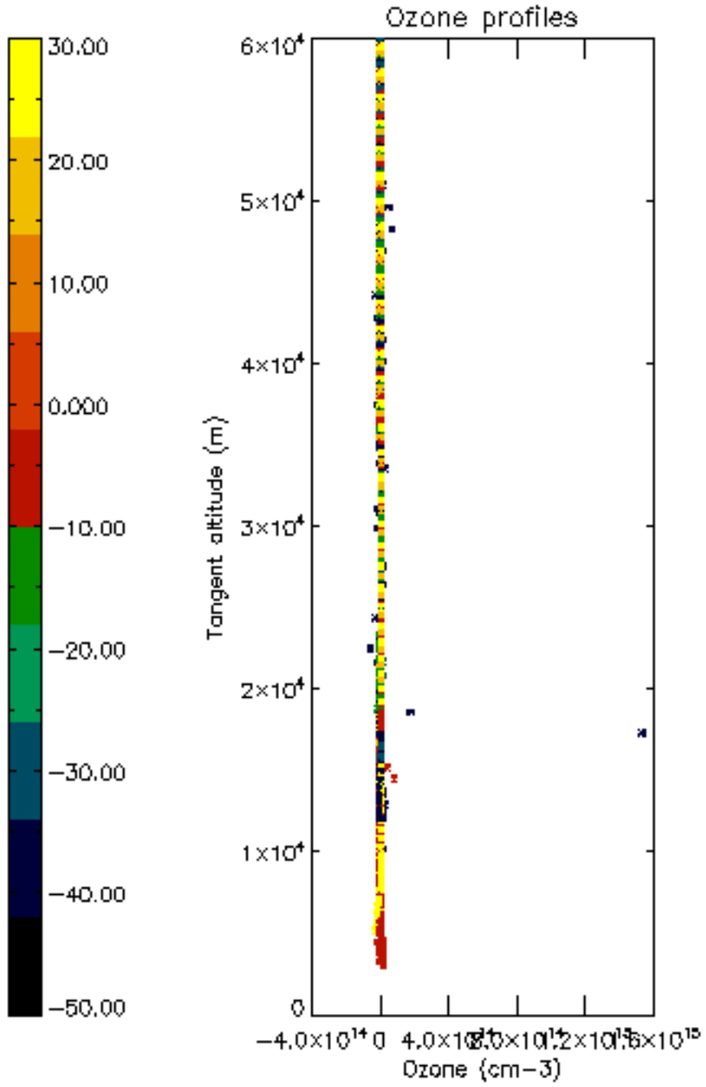


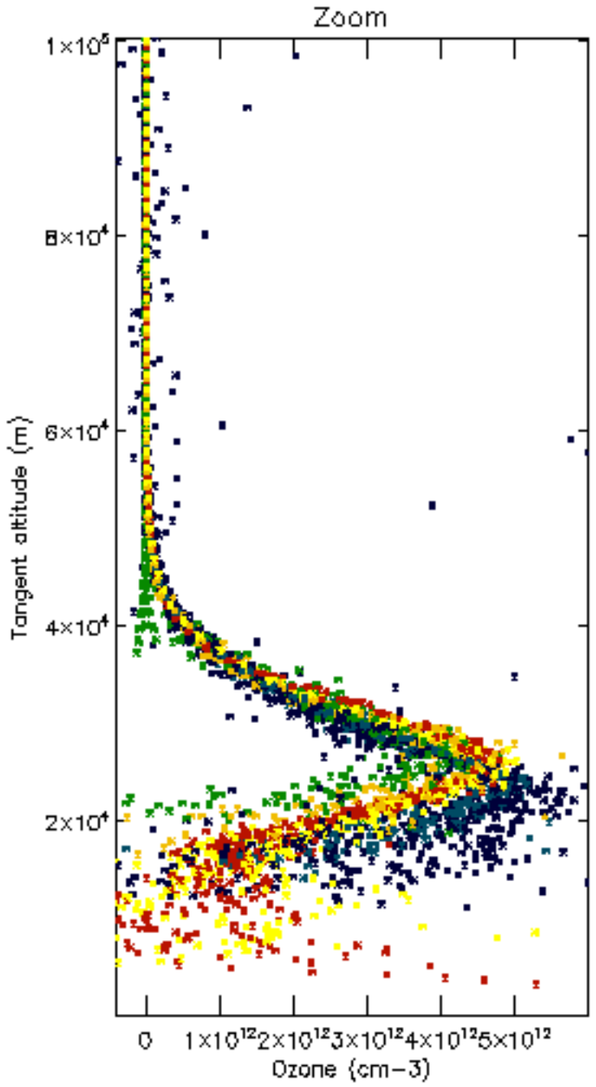

Percentage of cosmic ray hits per profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−90

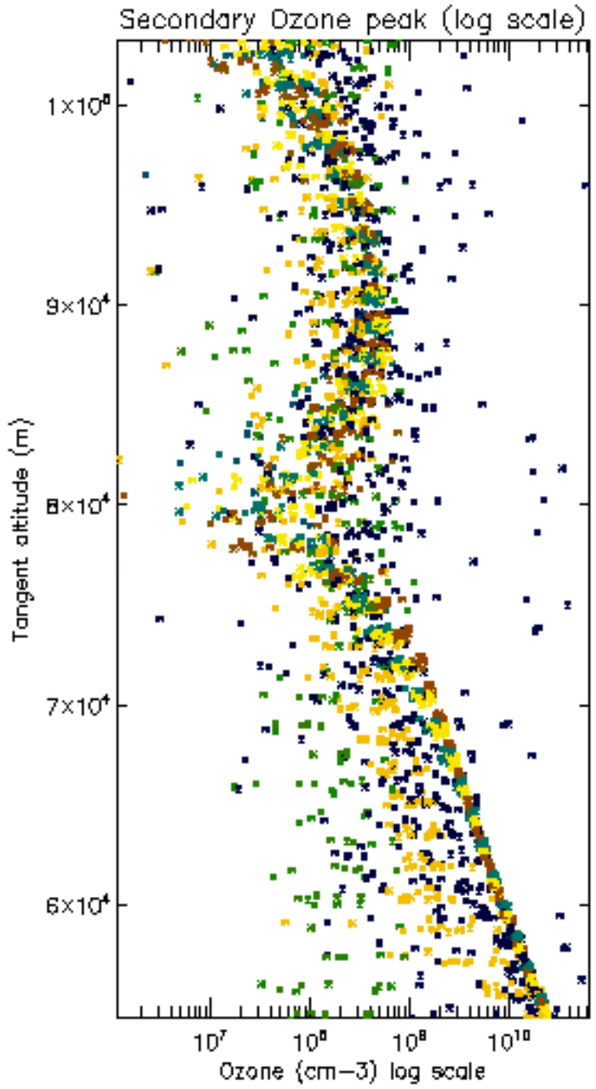

Percentage of datation errors per profile
1.600
1.400
1.200
1.000
0.8000
0.6000
0.4000
0.2000
0.000
−90

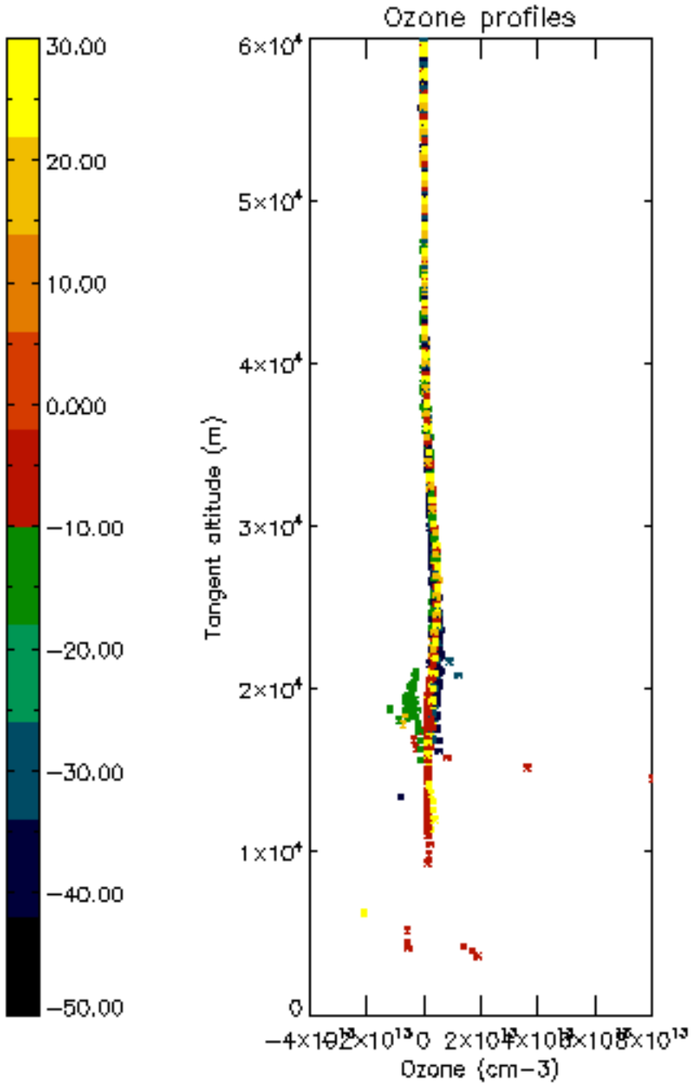

Percentage of star falling outside central band per profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−90


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

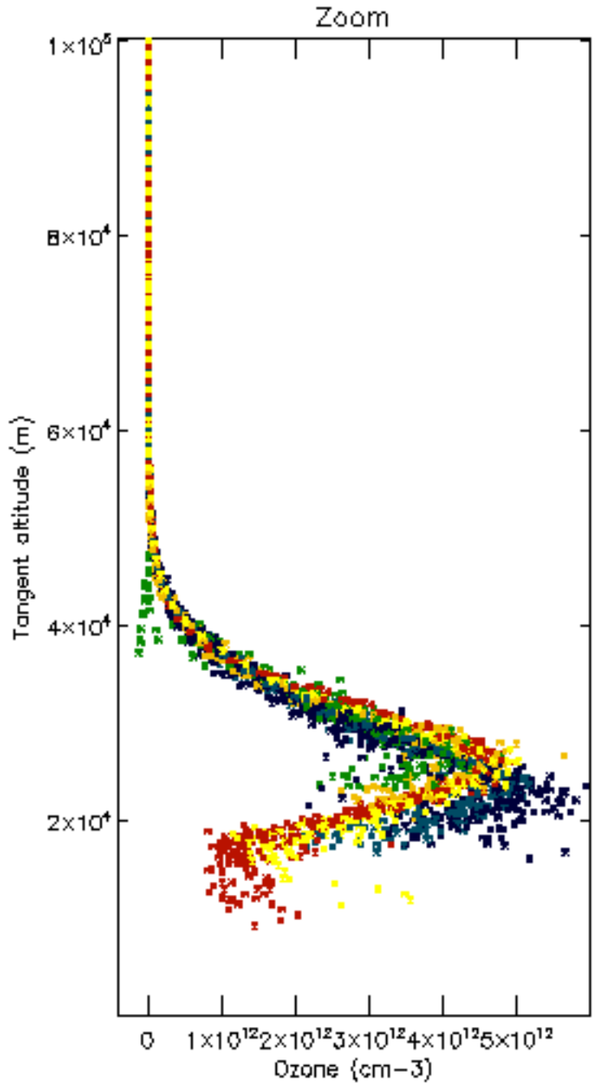

Ozone profiles
30.00
20.00
10.00
0.000
−10.00
−20.00
−30.00
−40.00
−50.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
−4.0×10¹⁴ 0 4.0×10¹³ 8.0×10¹³ 1.2×10¹⁴ 1.6×10¹⁵
Ozone (cm−3)

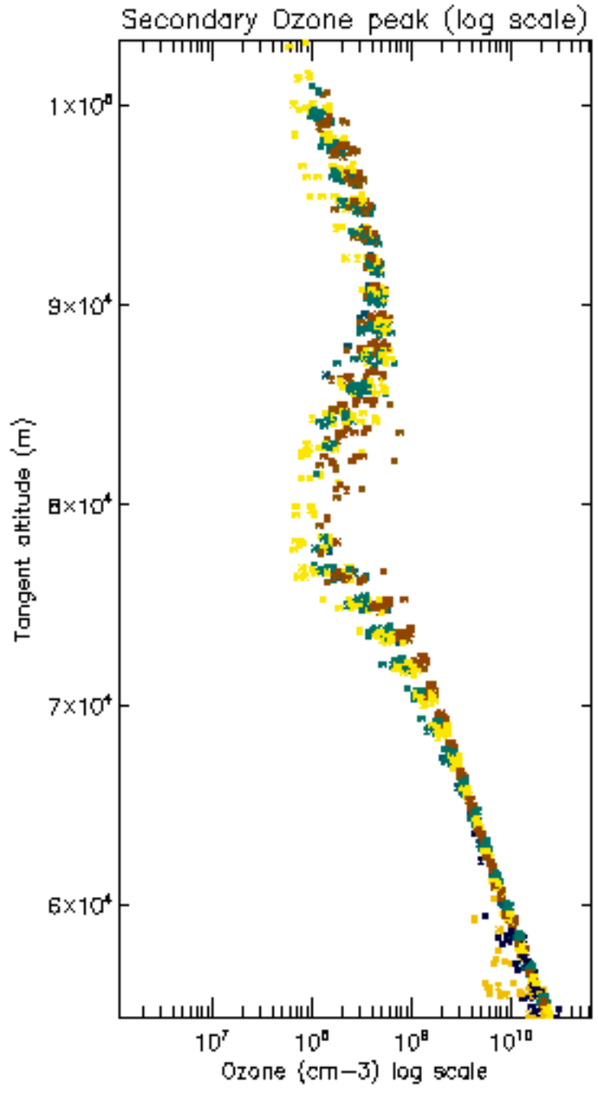

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0 1×10¹² 2×10¹² 3×10¹² 4×10¹² 5×10¹²
Ozone (cm−3)

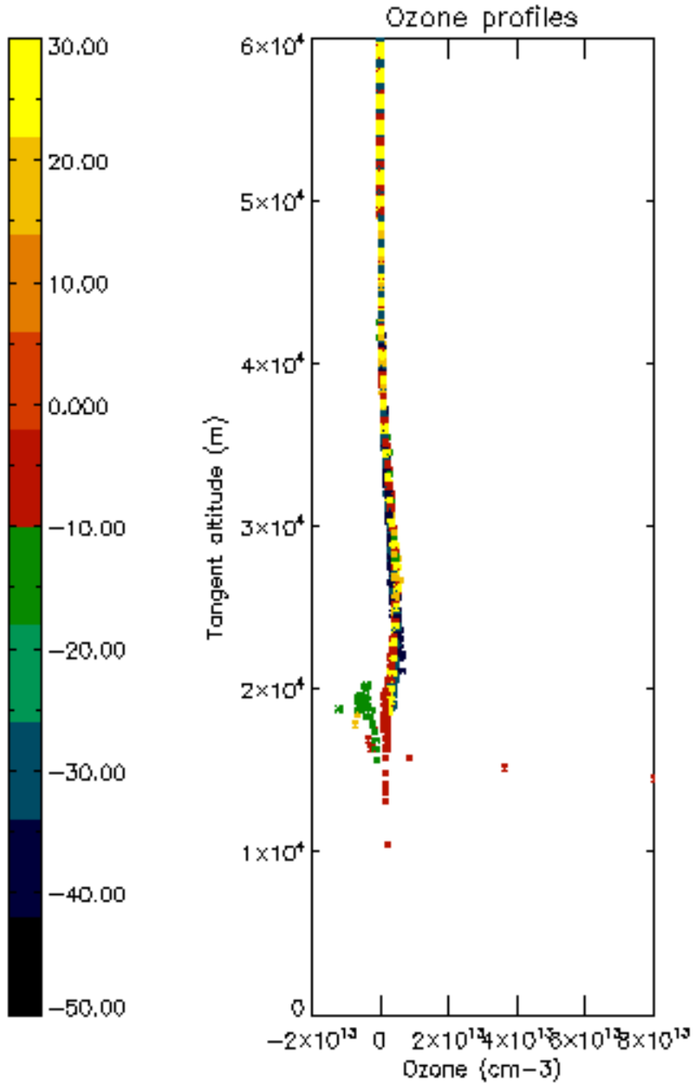

Secondary Ozone peak (log scale)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
Tangent altitude (m)
10⁷ 10⁸ 10⁸ 10¹⁰
Ozone (cm−3) log scale

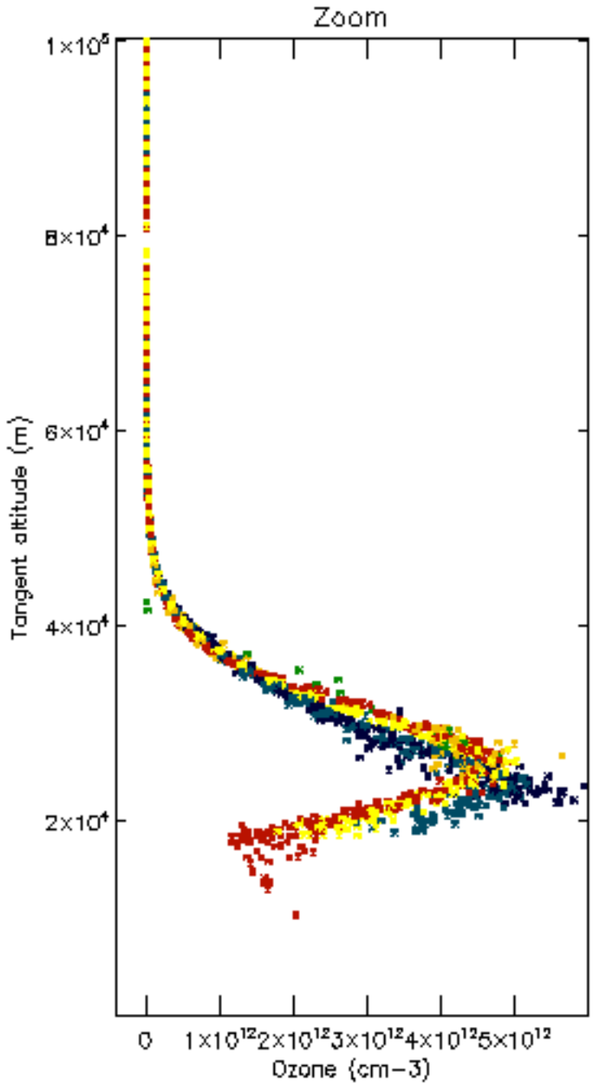

30.00
20.00
10.00
0.000
−10.00
−20.00
−30.00
−40.00
−50.00

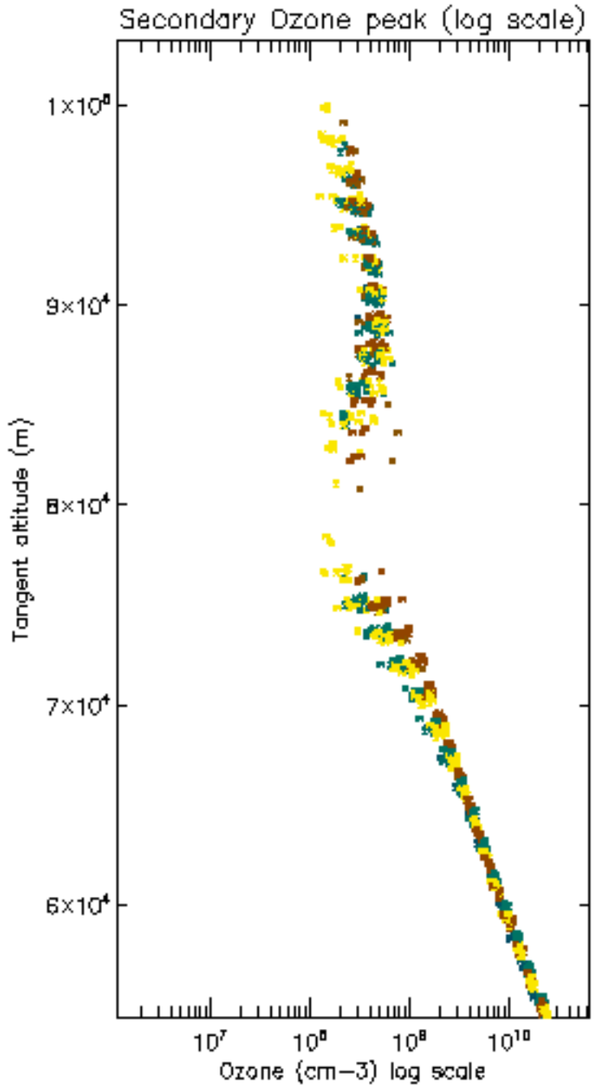
Ozone profiles
Tangent altitude (m)
Ozone (cm−3)

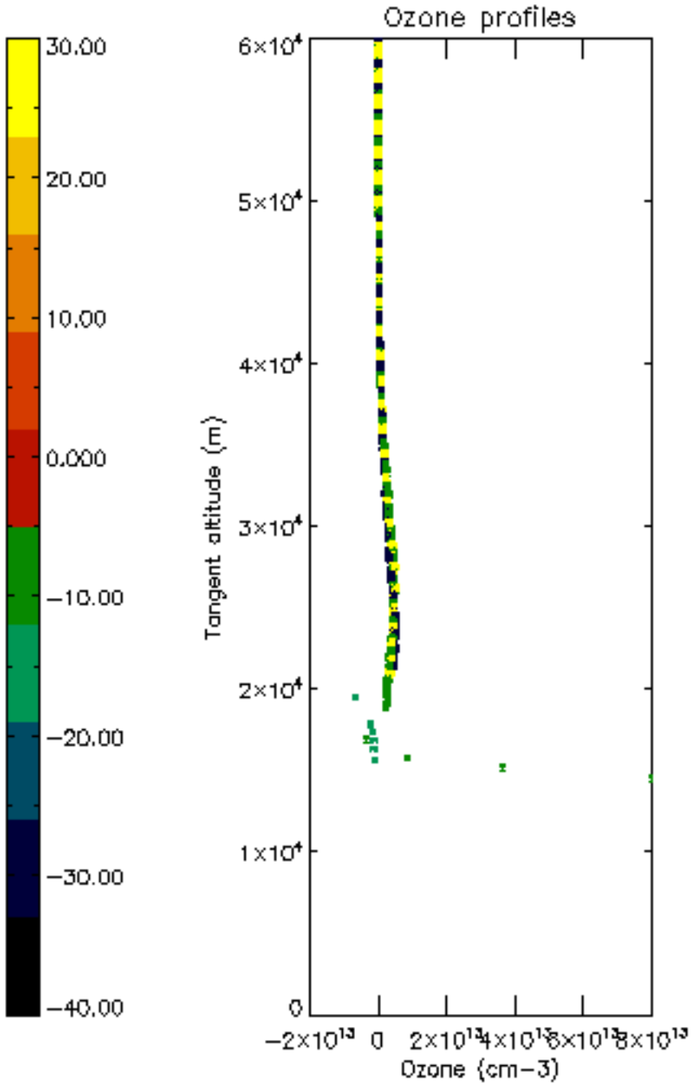

Zoom
Tangent altitude (m)
Ozone (cm−3)


Secondary Ozone peak (log scale)
Tangent altitude (m)
Ozone (cm−3) log scale


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

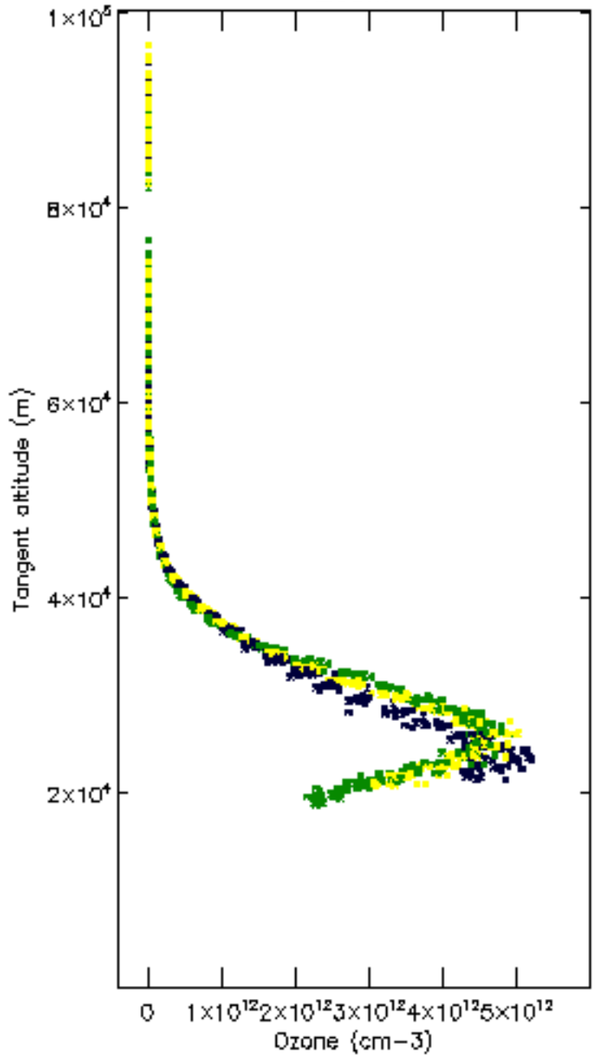

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
Ozone (cm−3)


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

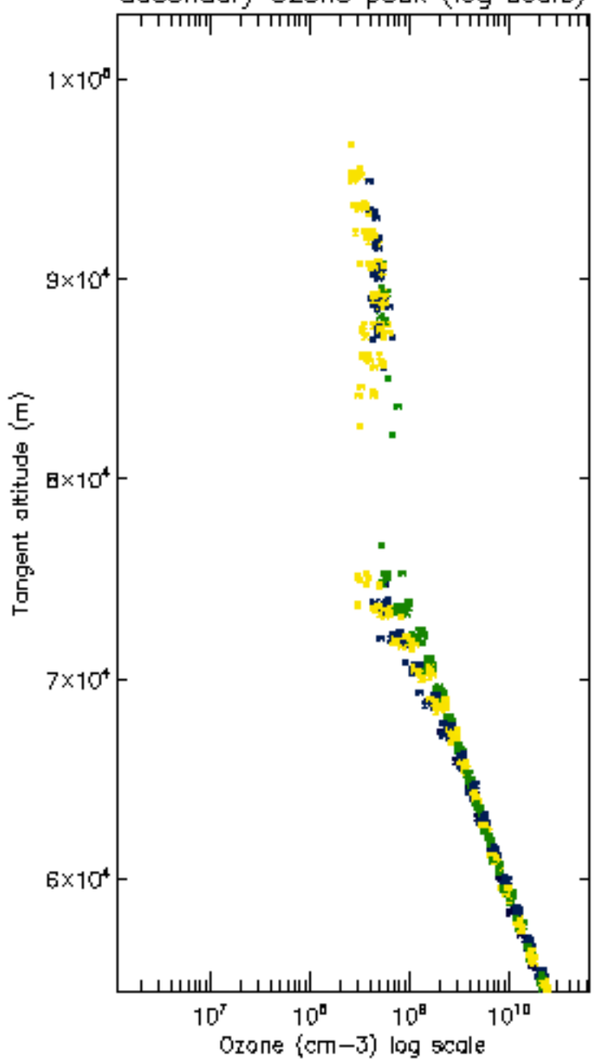


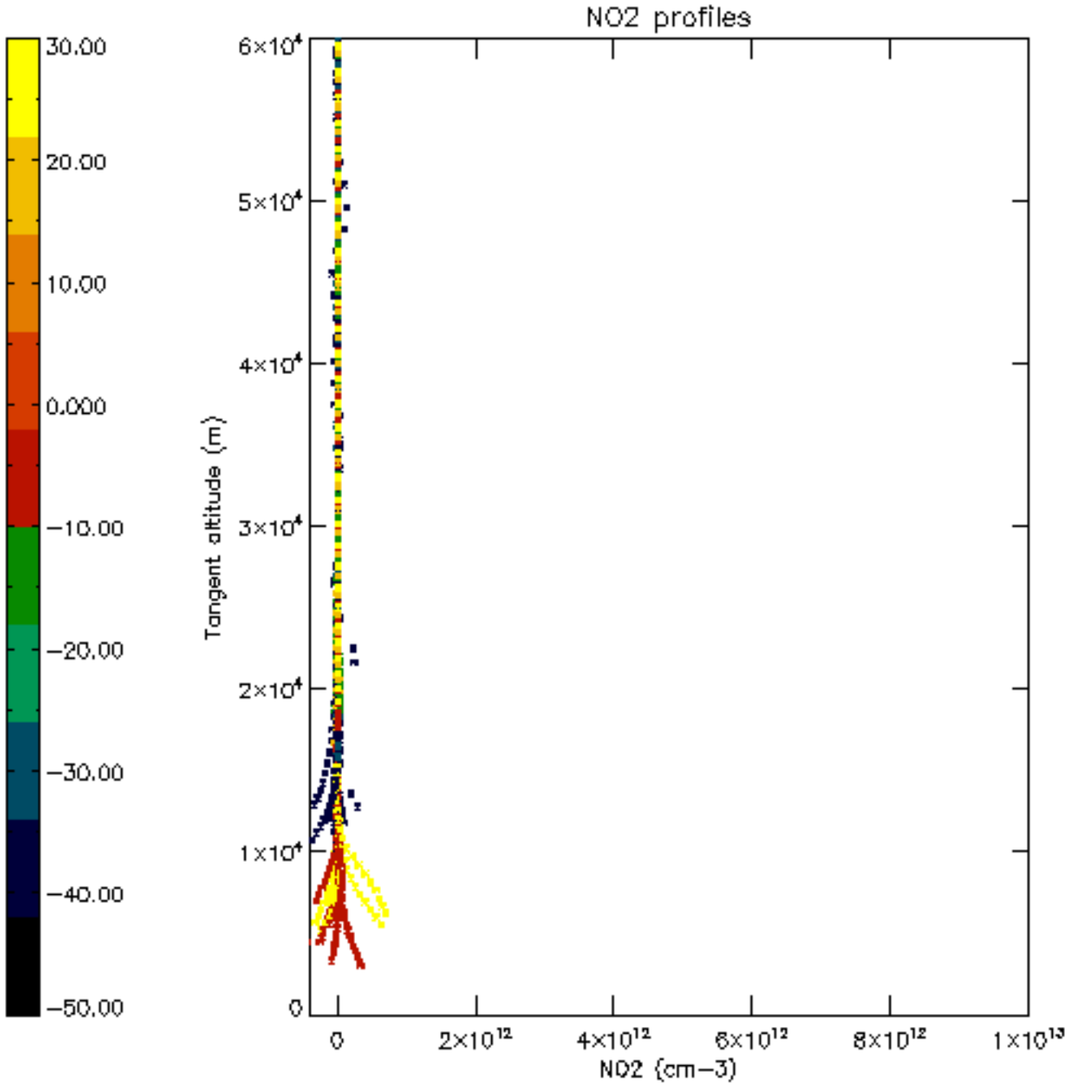
Ozone profiles

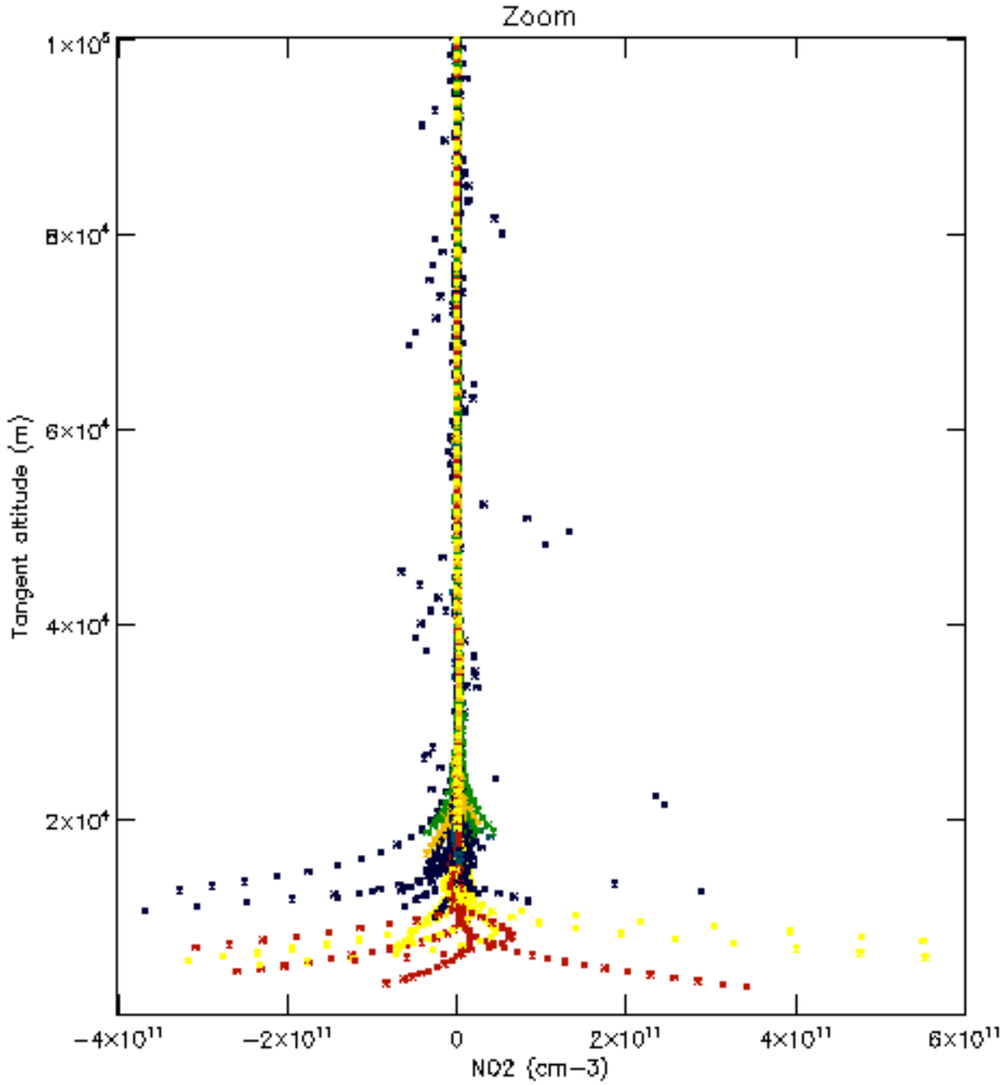
Zoom

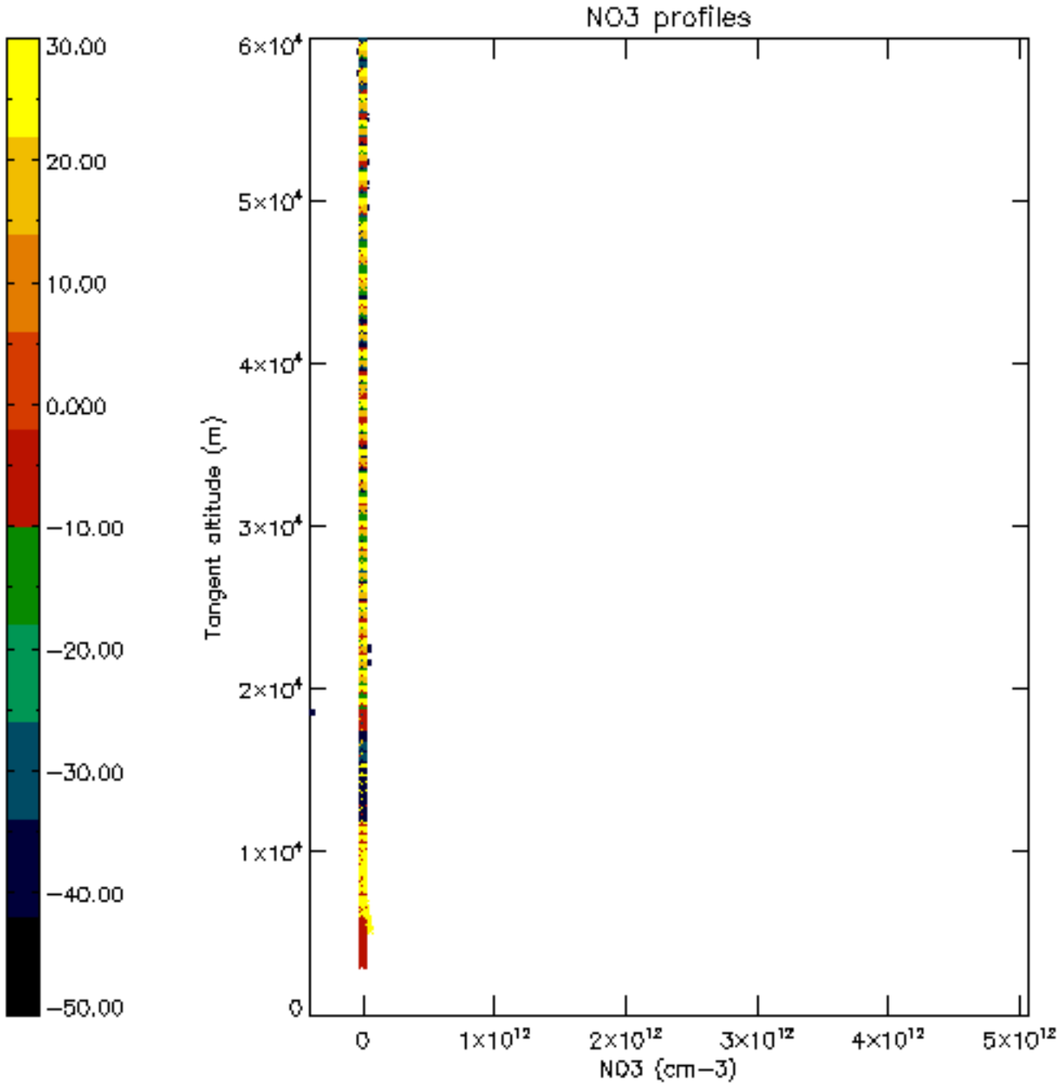


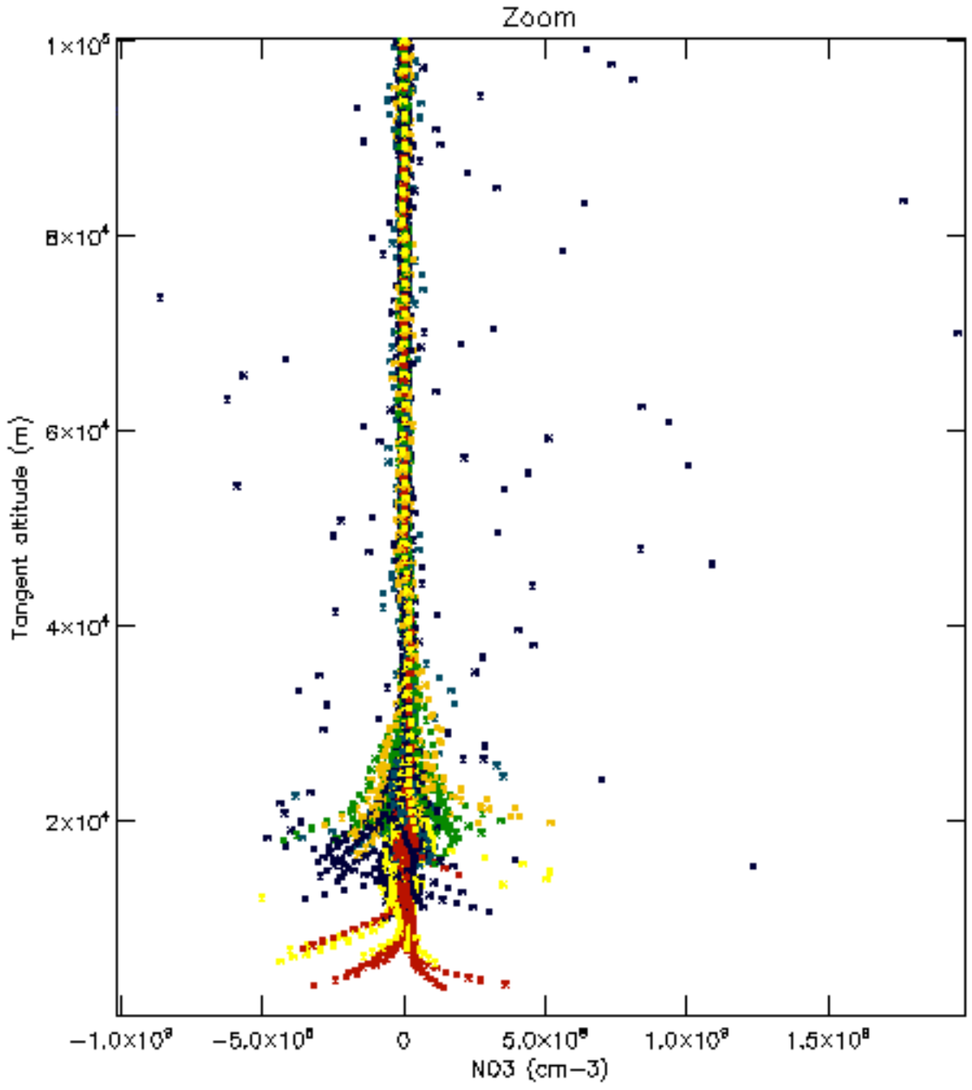
Secondary Ozone peak (log scale)

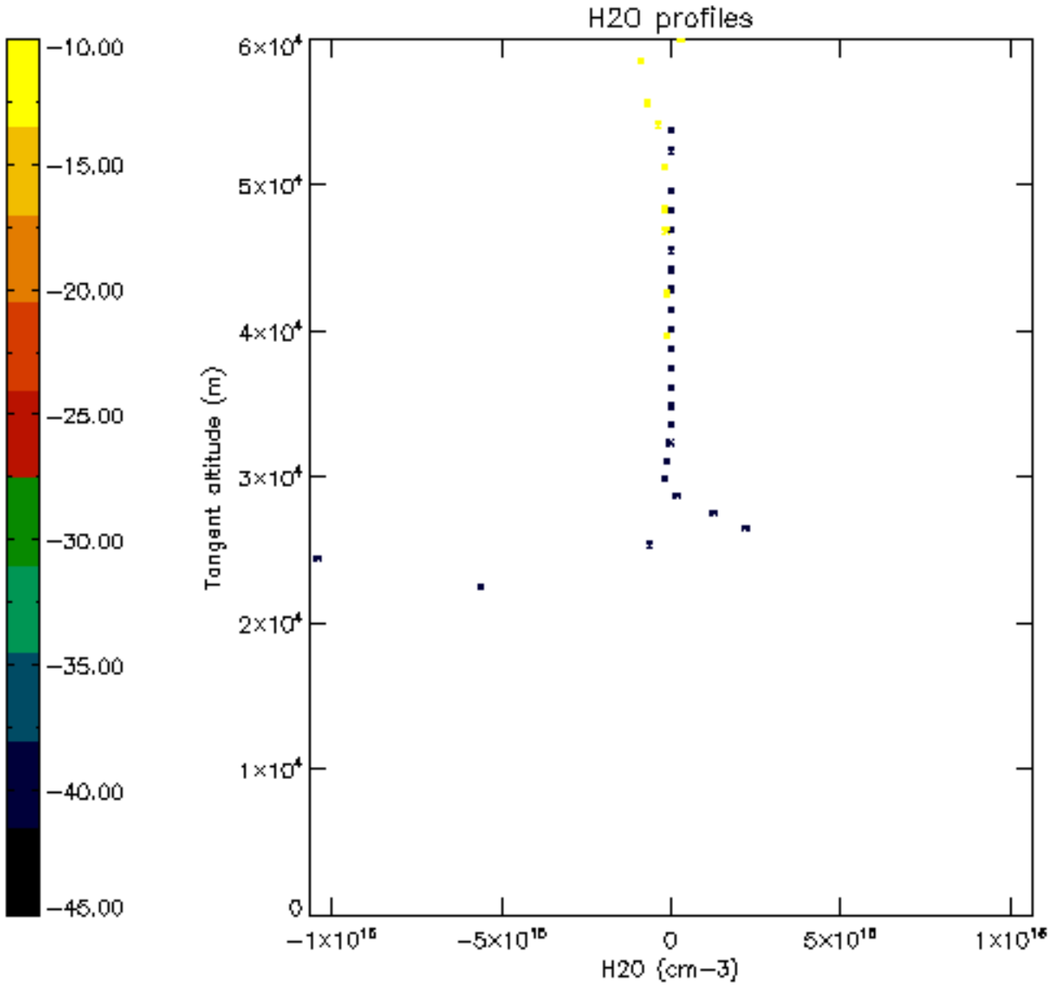


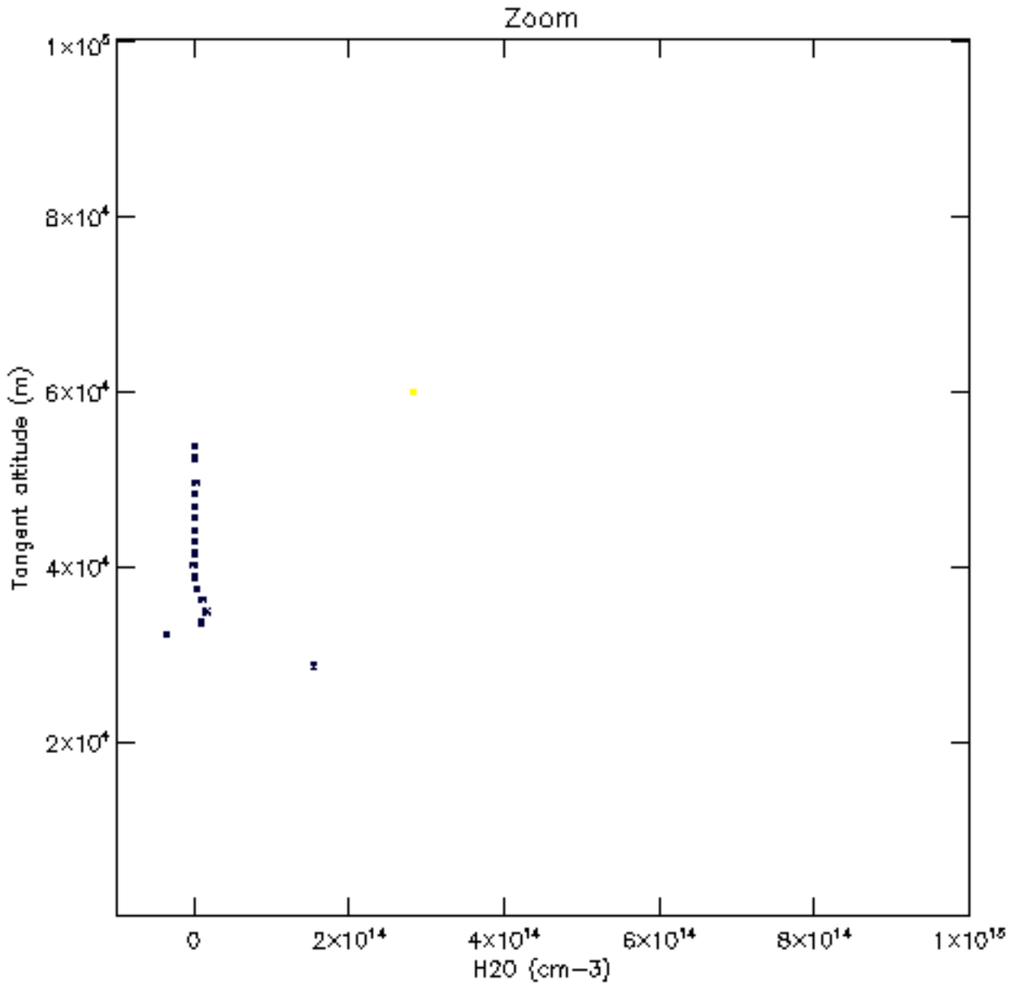

NO2 profiles
30.00
20.00
10.00
0.000
−10.00
−20.00
−30.00
−40.00
−50.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
0
2×10¹²
4×10¹²
6×10¹²
8×10¹²
1×10¹³
NO2 (cm−3)

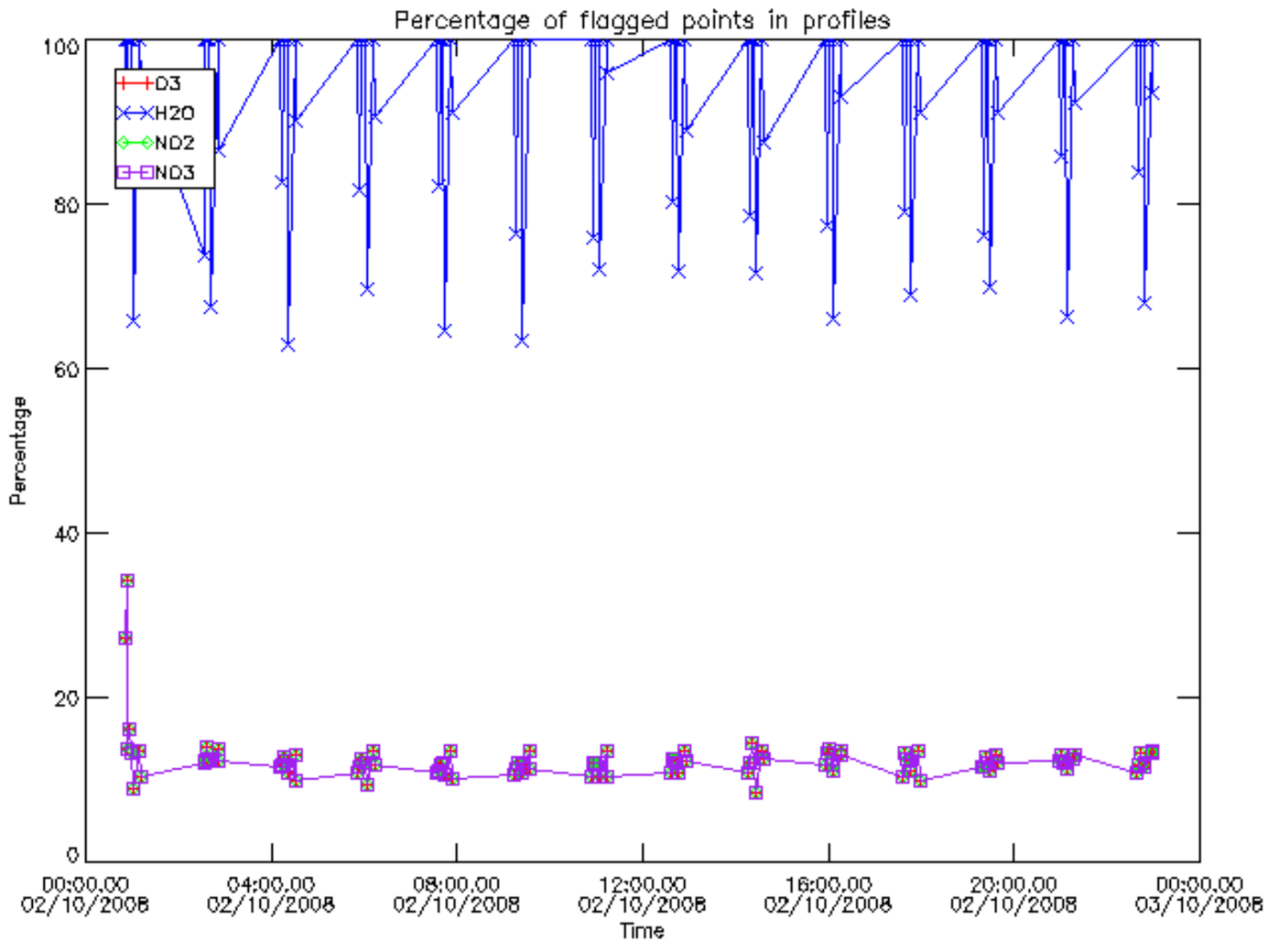

Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
−4×10¹¹
−2×10¹¹
0
2×10¹¹
4×10¹¹
6×10¹¹
NO2 (cm−3)


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

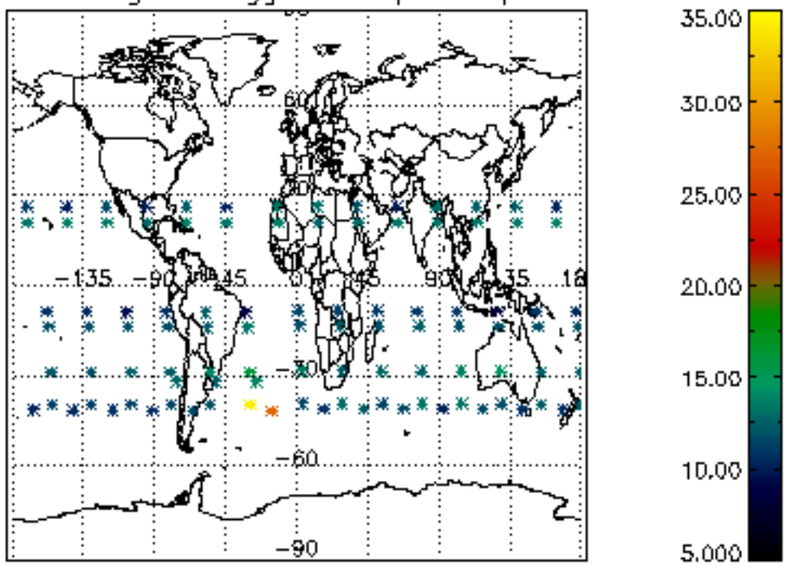

Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
−1.0×10⁹
−5.0×10⁸
0
5.0×10⁸
1.0×10⁹
1.5×10⁹
NO3 (cm−3)


H2O profiles
−10.00
−15.00
−20.00
−25.00
−30.00
−35.00
−40.00
−45.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
−1×10¹⁵
−5×10¹⁴
0
5×10¹⁴
1×10¹⁵
H2O (cm−3)

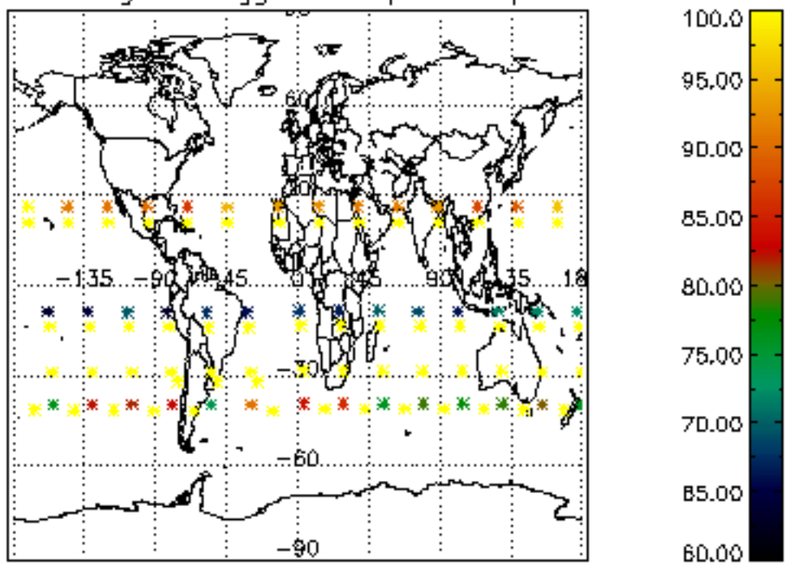

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0
2×10¹⁴
4×10¹⁴
6×10¹⁴
8×10¹⁴
1×10¹⁵
H2O (cm−3)


Percentage of flagged points in profiles
O3
H2O
NO2
NO3
100
80
60
40
20
0
Percentage
00:00.00
02/10/2008
04:00.00
02/10/2008
08:00.00
02/10/2008
12:00.00
02/10/2008
16:00.00
02/10/2008
20:00.00
02/10/2008
00:00.00
03/10/2008
Time

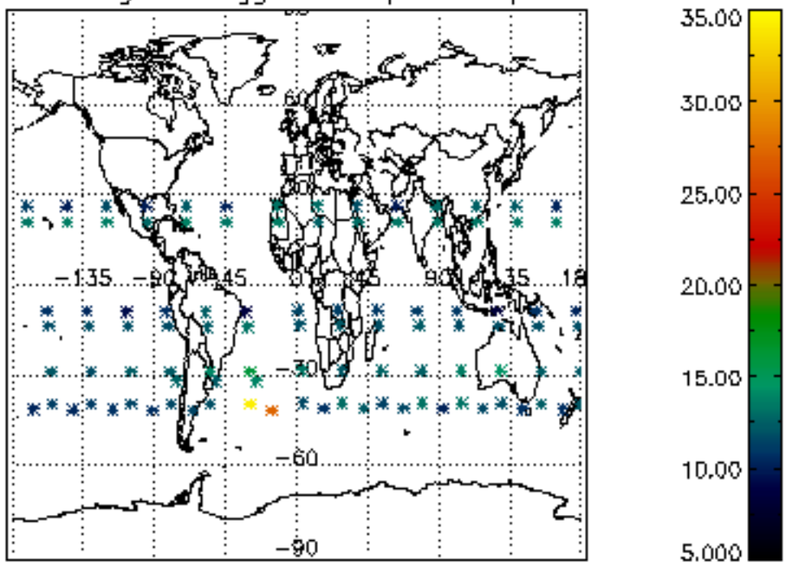
Percentage of flagged data per O3 profile



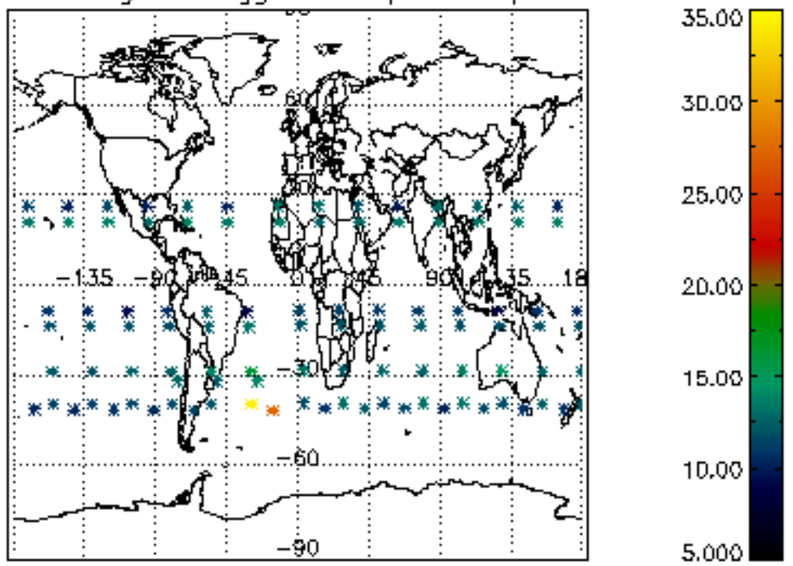
Percentage of flagged data per H2O profile

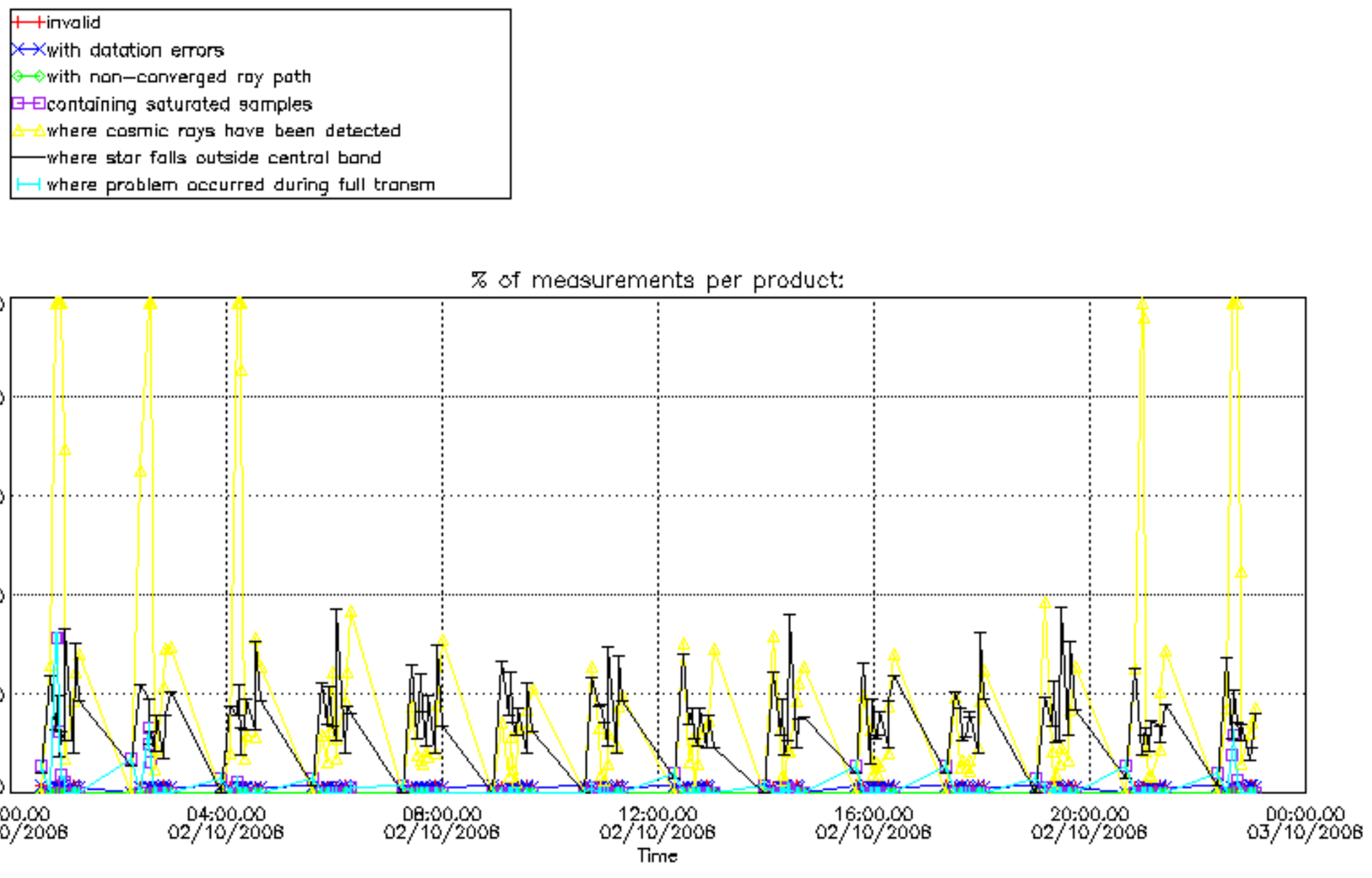


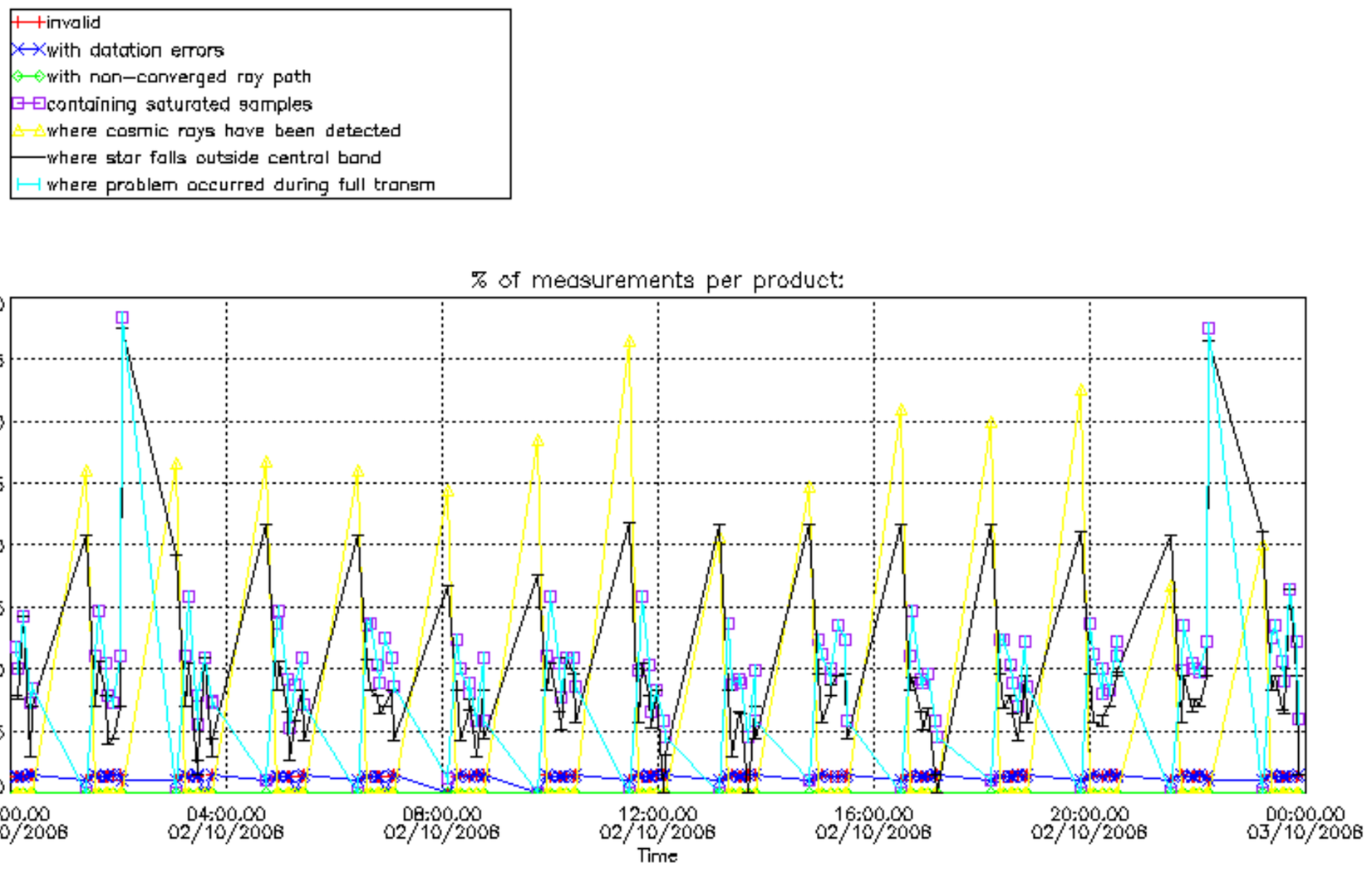
Percentage of flagged data per NO2 profile



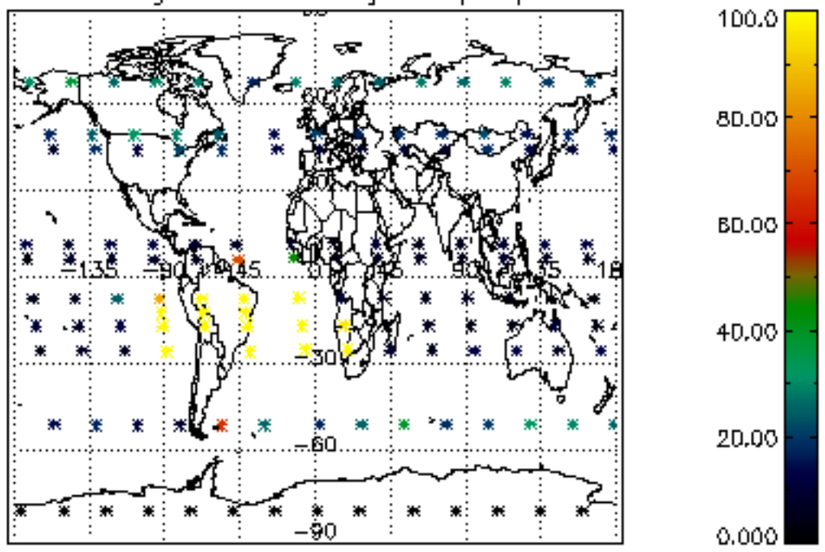
Percentage of flagged data per NO3 profile



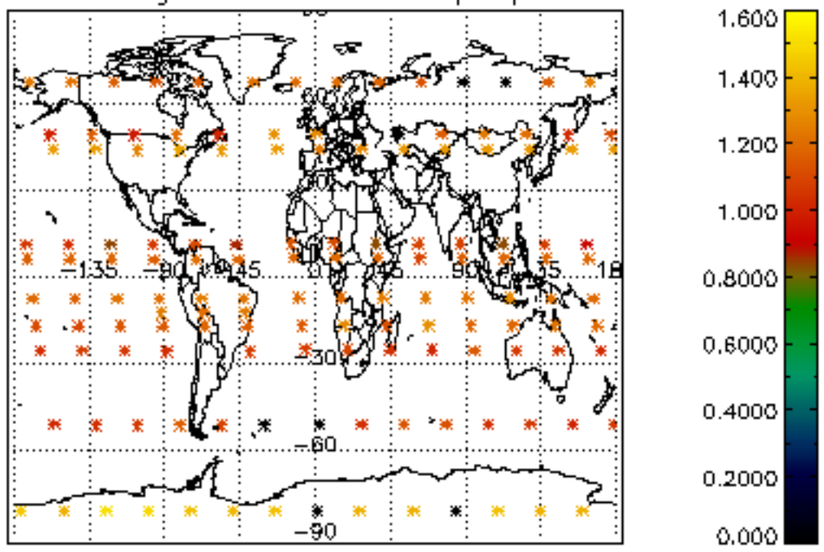

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
100
80
60
40
20
0
value (%)
00:00.00
02/10/2006
04:00.00
02/10/2006
08:00.00
02/10/2006
12:00.00
02/10/2006
16:00.00
02/10/2006
20:00.00
02/10/2006
00:00.00
03/10/2006
Time


invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
40
35
30
25
20
15
10
5
0
value (%)
00:00.00
02/10/2006
04:00.00
02/10/2006
08:00.00
02/10/2006
12:00.00
02/10/2006
16:00.00
02/10/2006
20:00.00
02/10/2006
00:00.00
03/10/2006
Time

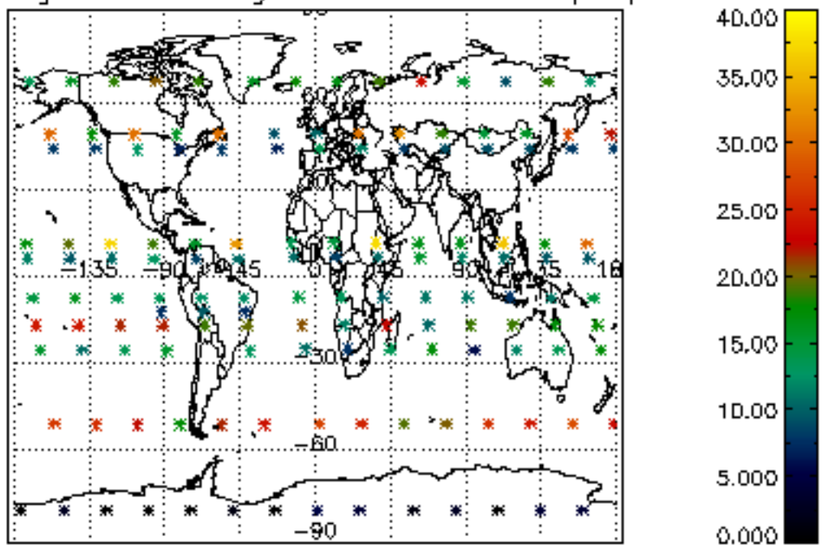
Percentage of cosmic ray hits per profile



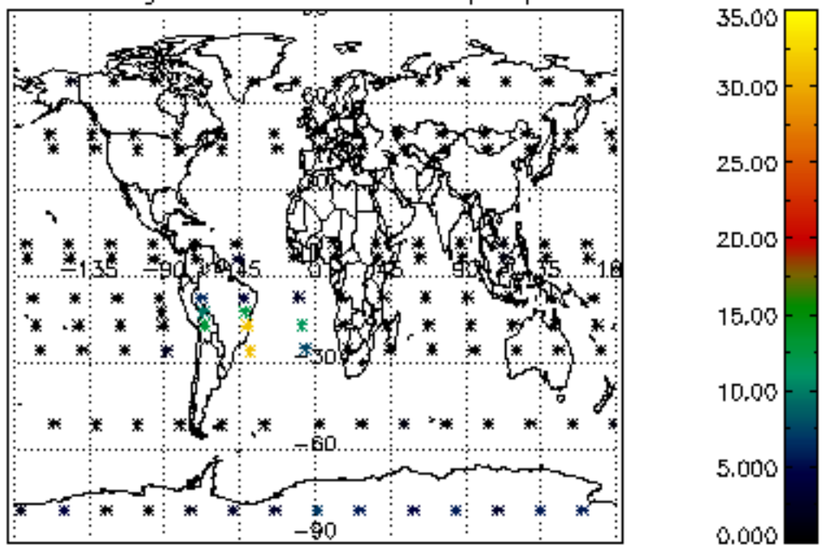
Percentage of datation errors per profile

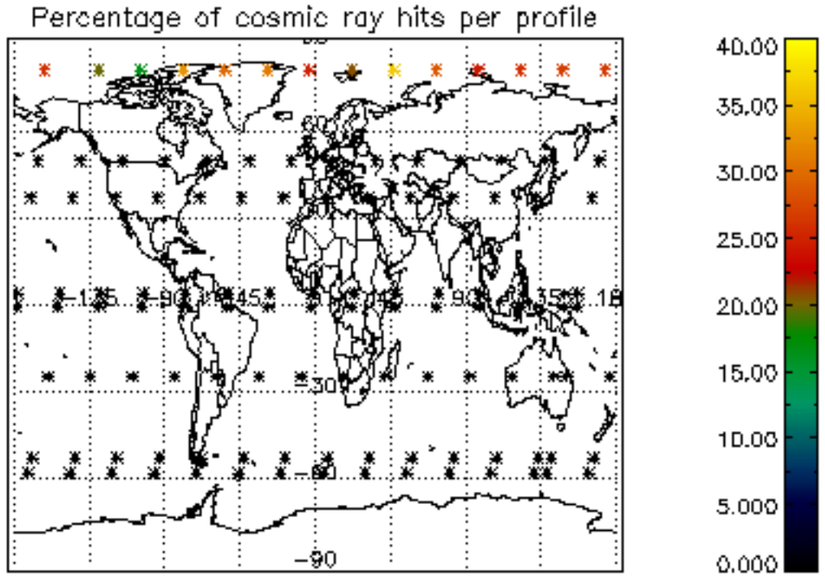


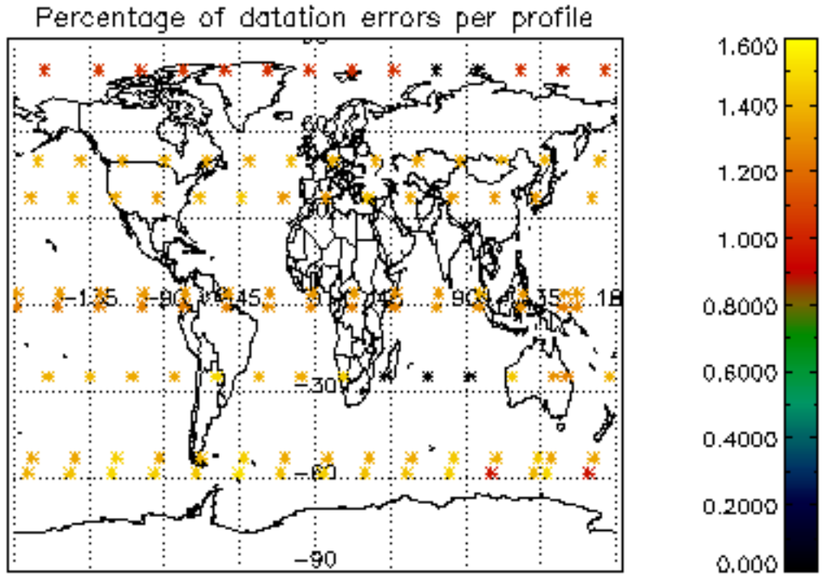
Percentage of star falling outside central band per profile

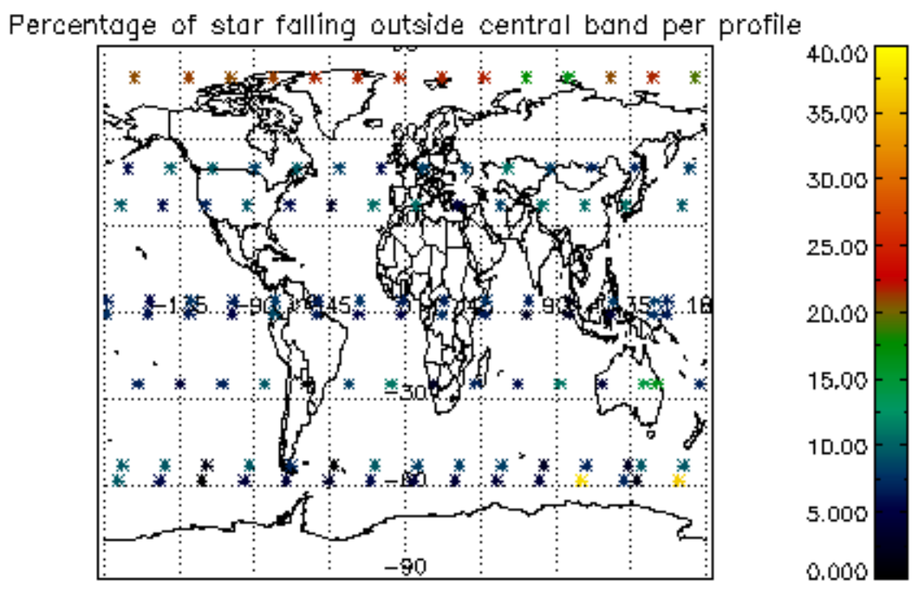


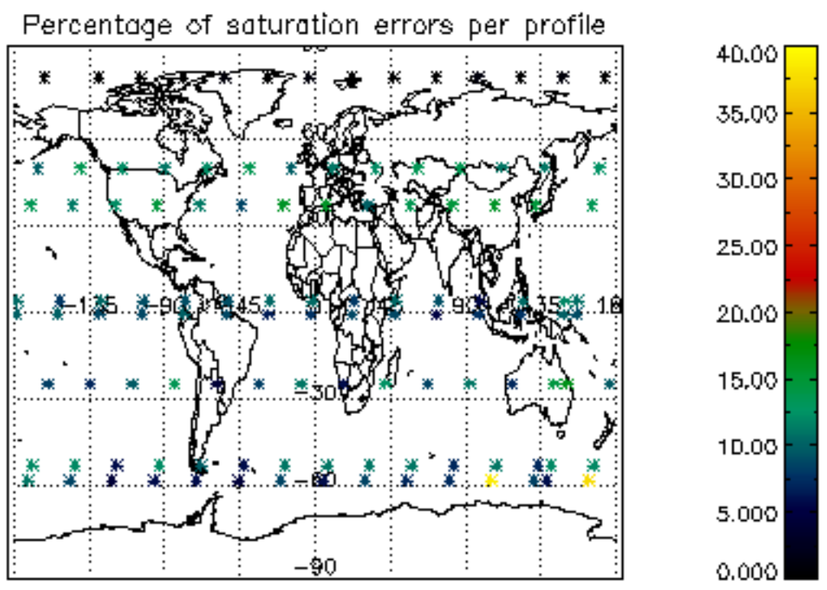
Percentage of saturation errors per profile

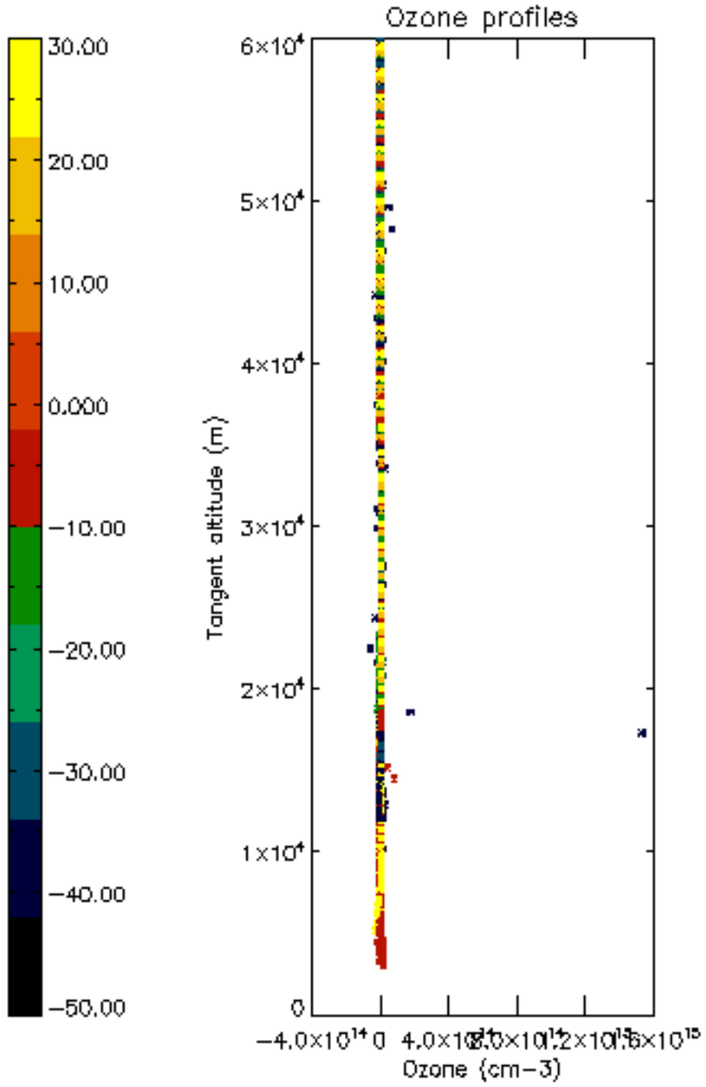


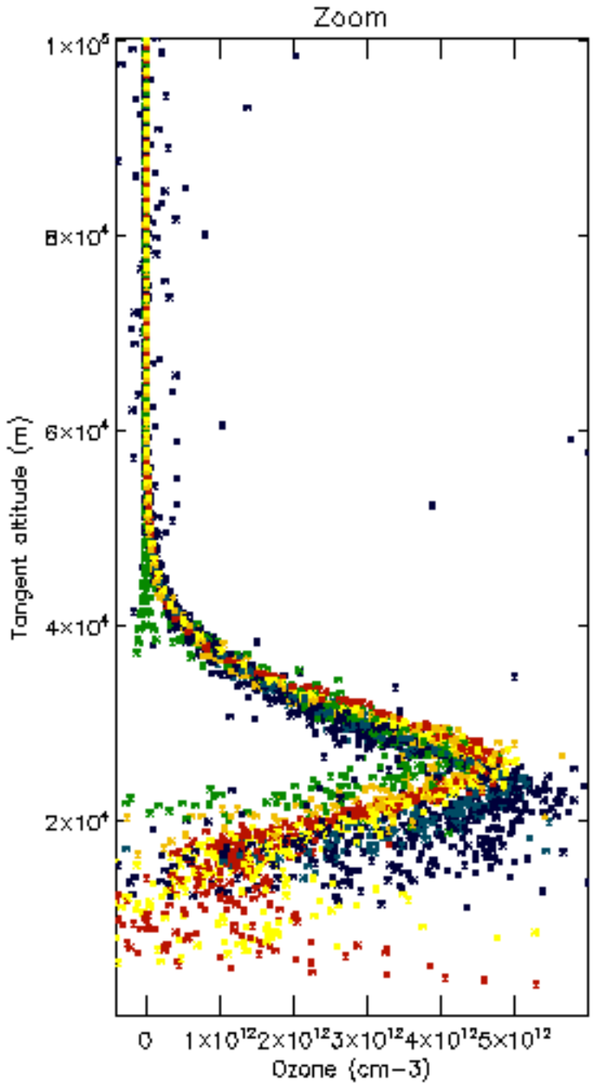

Percentage of cosmic ray hits per profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−90

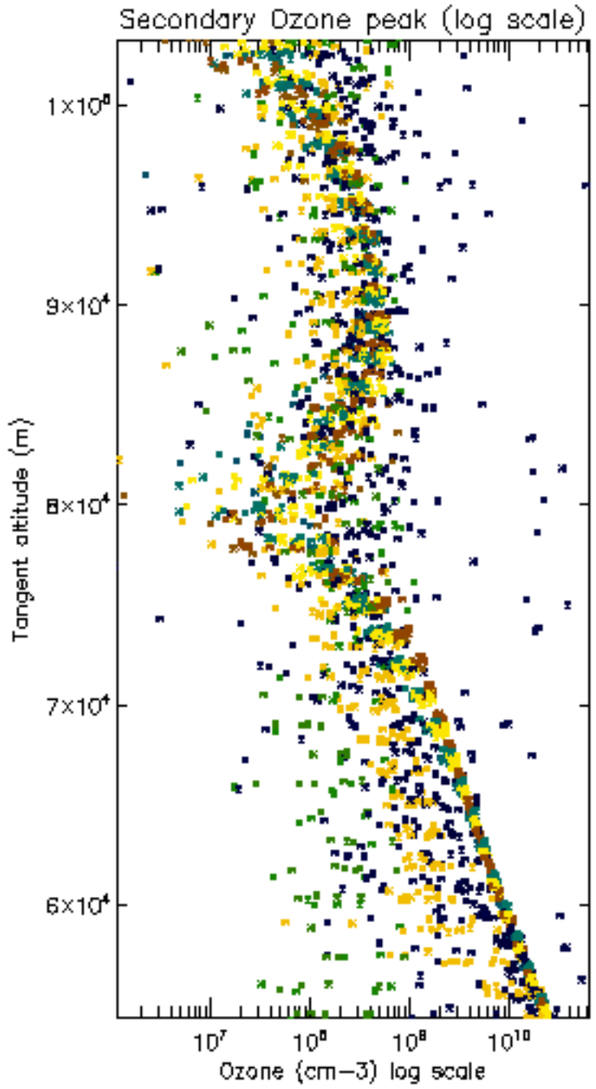

Percentage of datation errors per profile
1.600
1.400
1.200
1.000
0.8000
0.6000
0.4000
0.2000
0.000
−90

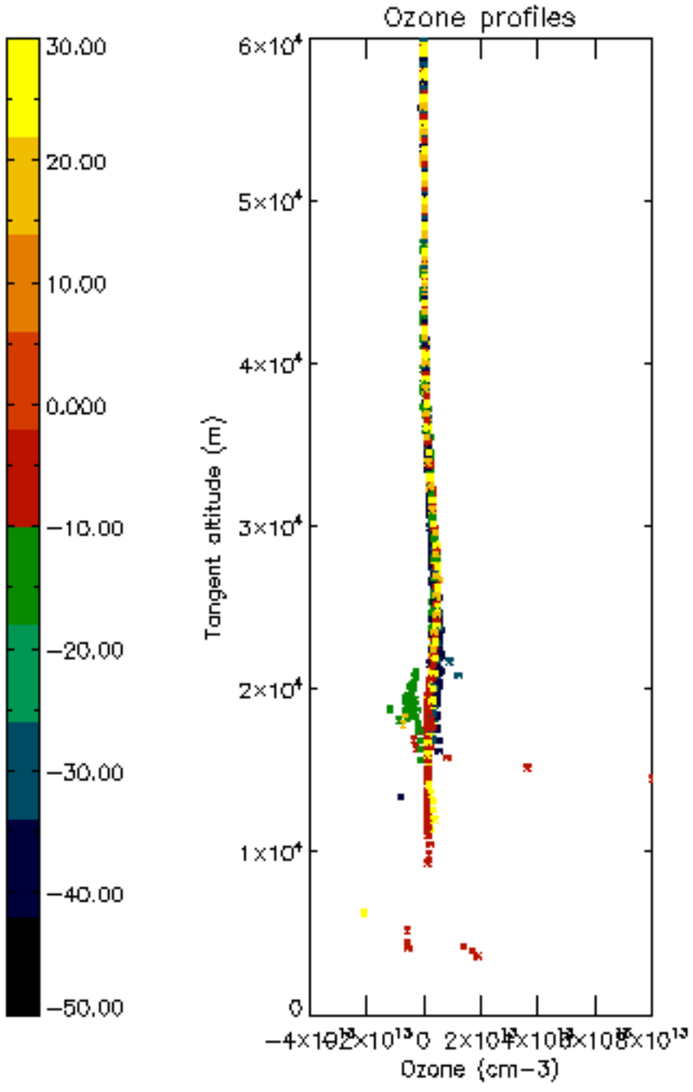

Percentage of star falling outside central band per profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−90


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

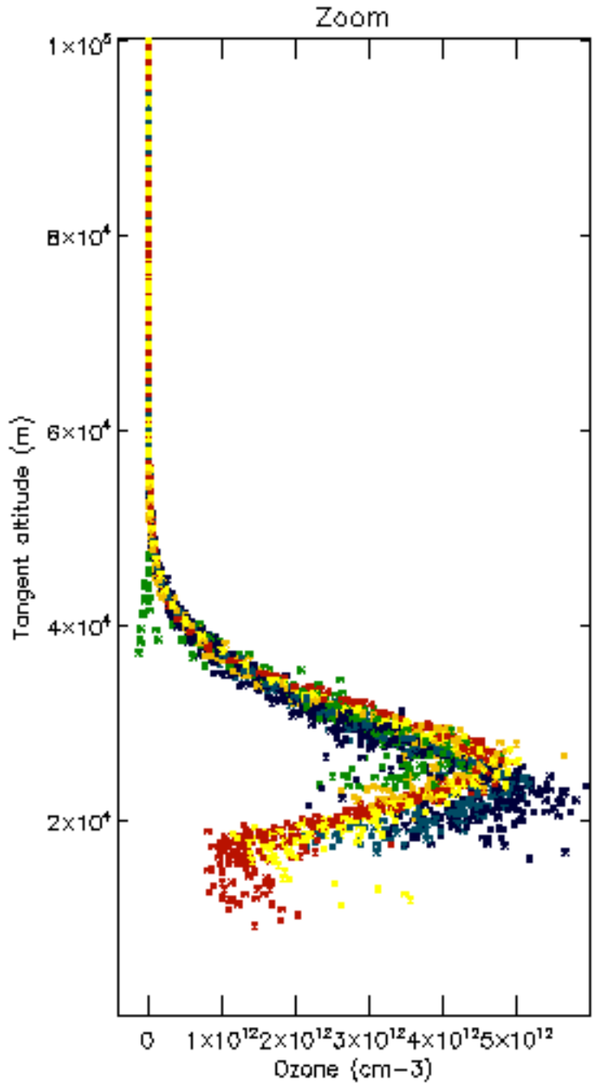

Ozone profiles
30.00
20.00
10.00
0.000
−10.00
−20.00
−30.00
−40.00
−50.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
−4.0×10¹⁴ 0 4.0×10¹³ 8.0×10¹³ 1.2×10¹⁴ 1.6×10¹⁵
Ozone (cm−3)

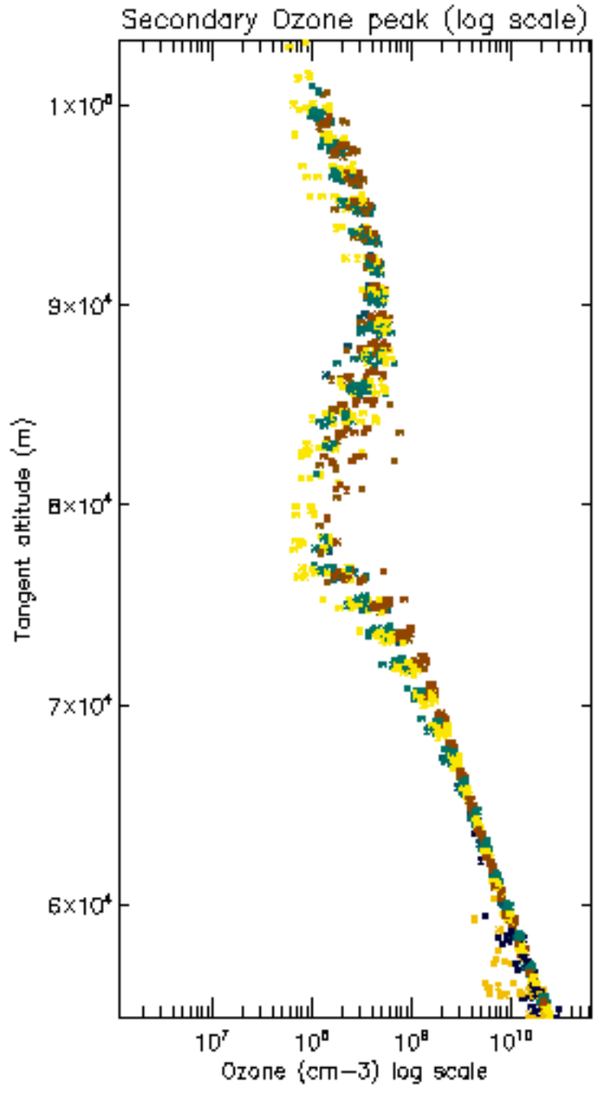

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0 1×10¹² 2×10¹² 3×10¹² 4×10¹² 5×10¹²
Ozone (cm−3)

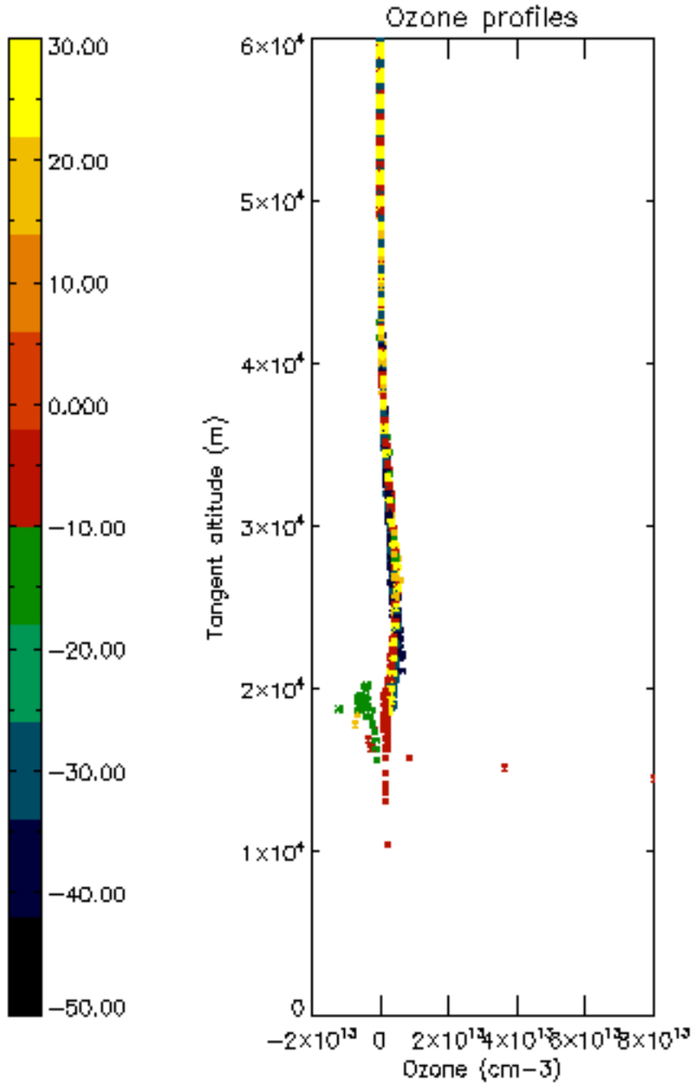

Secondary Ozone peak (log scale)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
Tangent altitude (m)
10⁷ 10⁸ 10⁸ 10¹⁰
Ozone (cm−3) log scale

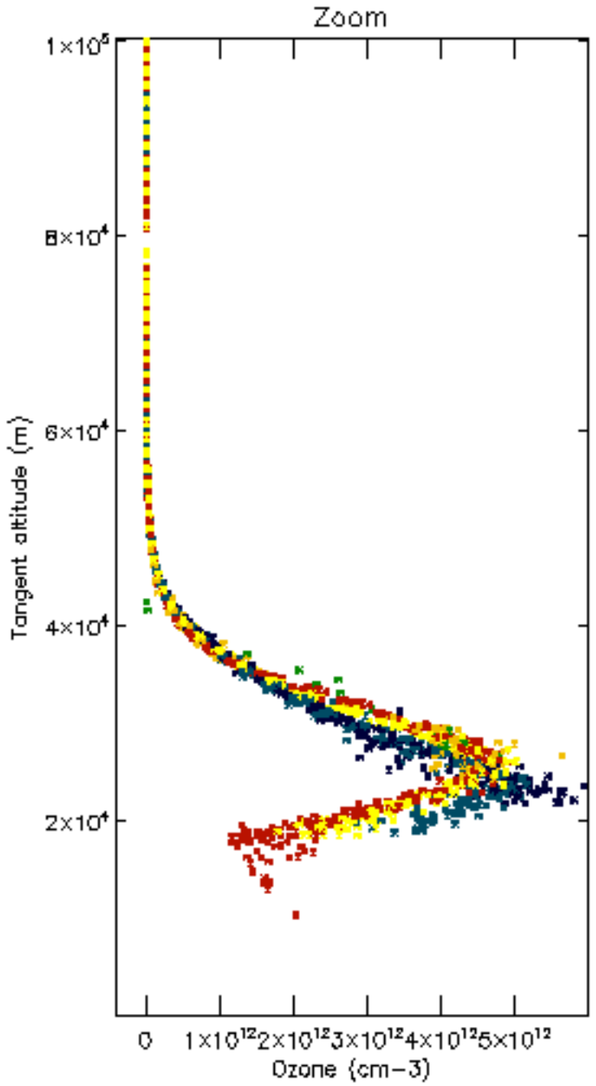

30.00
20.00
10.00
0.000
−10.00
−20.00
−30.00
−40.00
−50.00

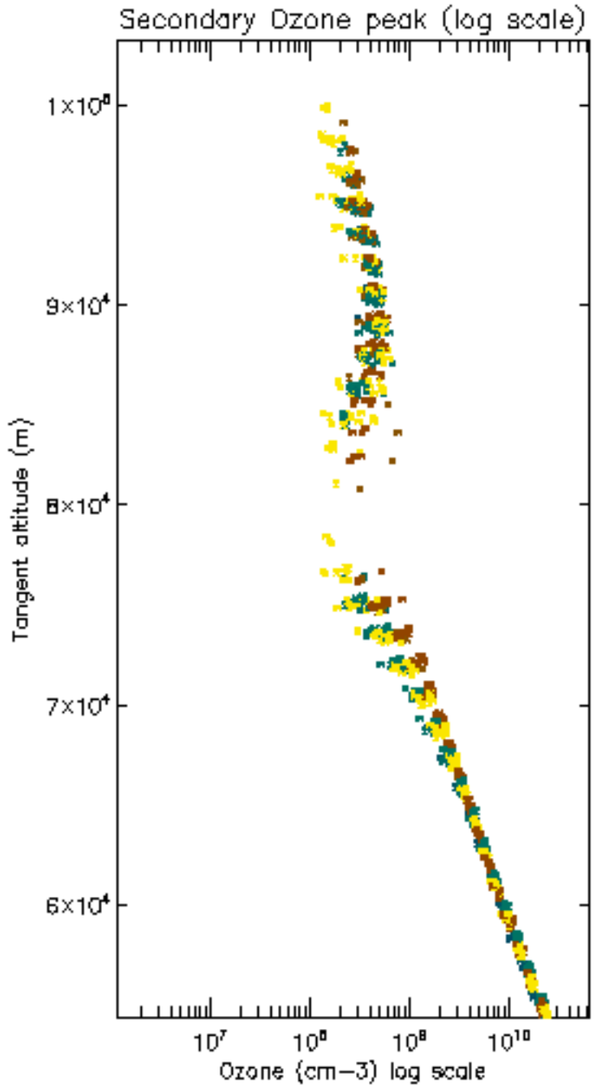
Ozone profiles
Tangent altitude (m)
Ozone (cm−3)

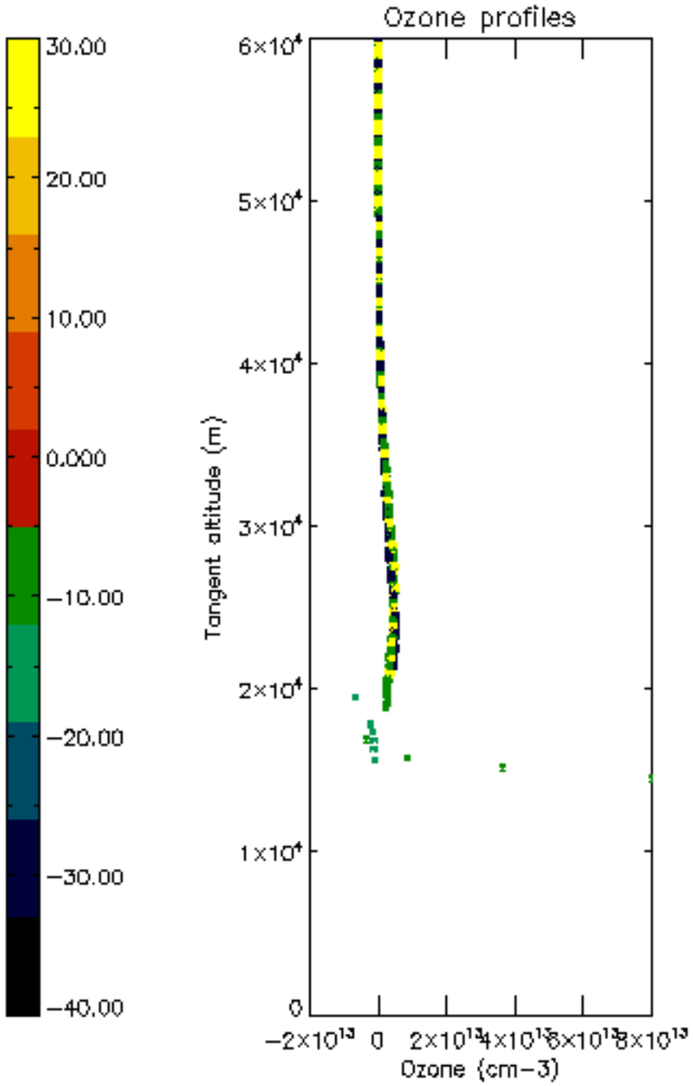

Zoom
Tangent altitude (m)
Ozone (cm−3)


Secondary Ozone peak (log scale)
Tangent altitude (m)
Ozone (cm−3) log scale


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

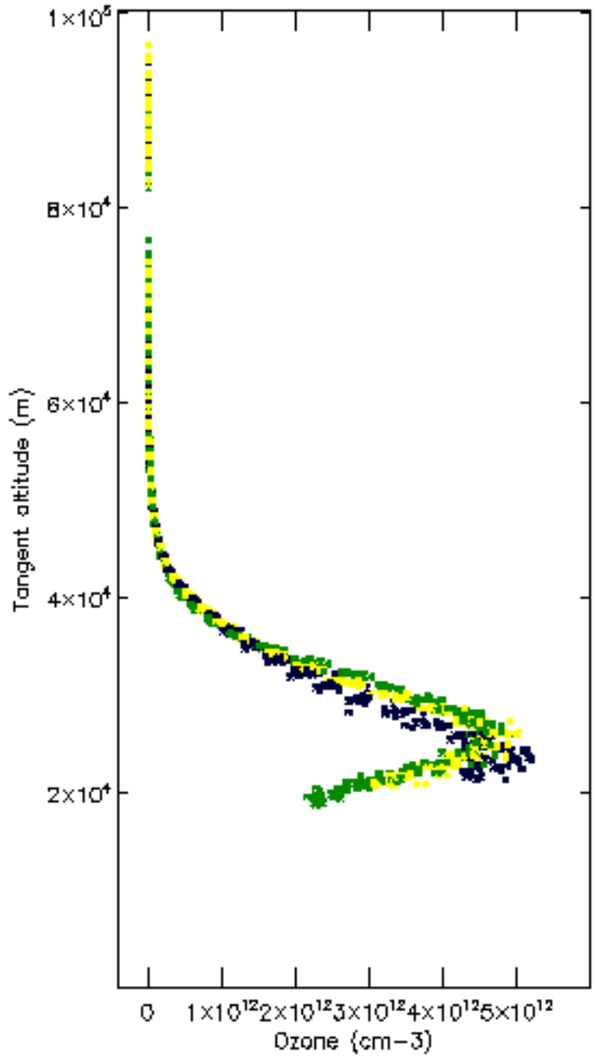

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
Ozone (cm−3)


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

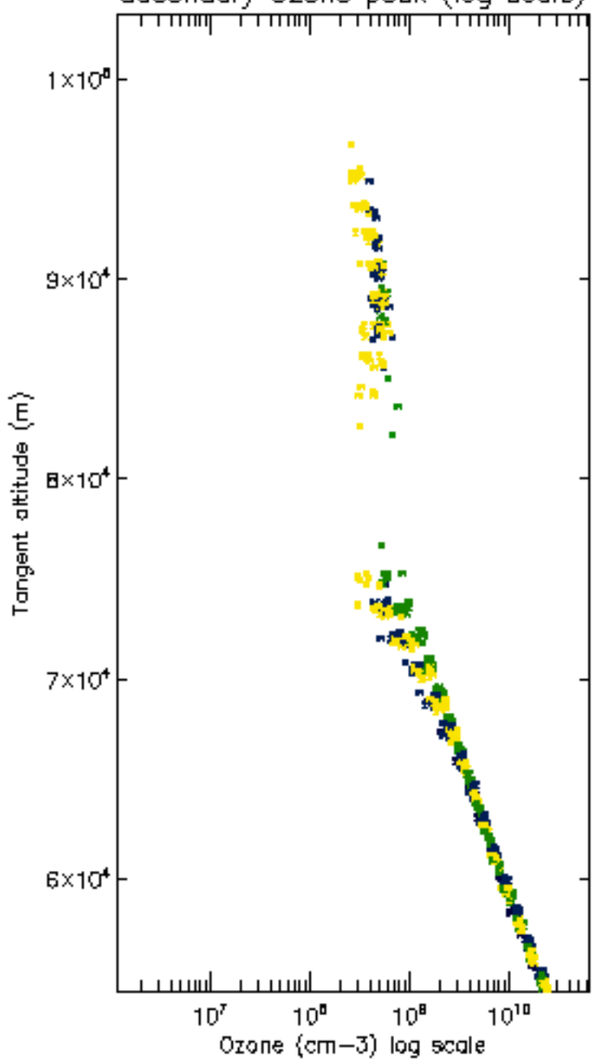


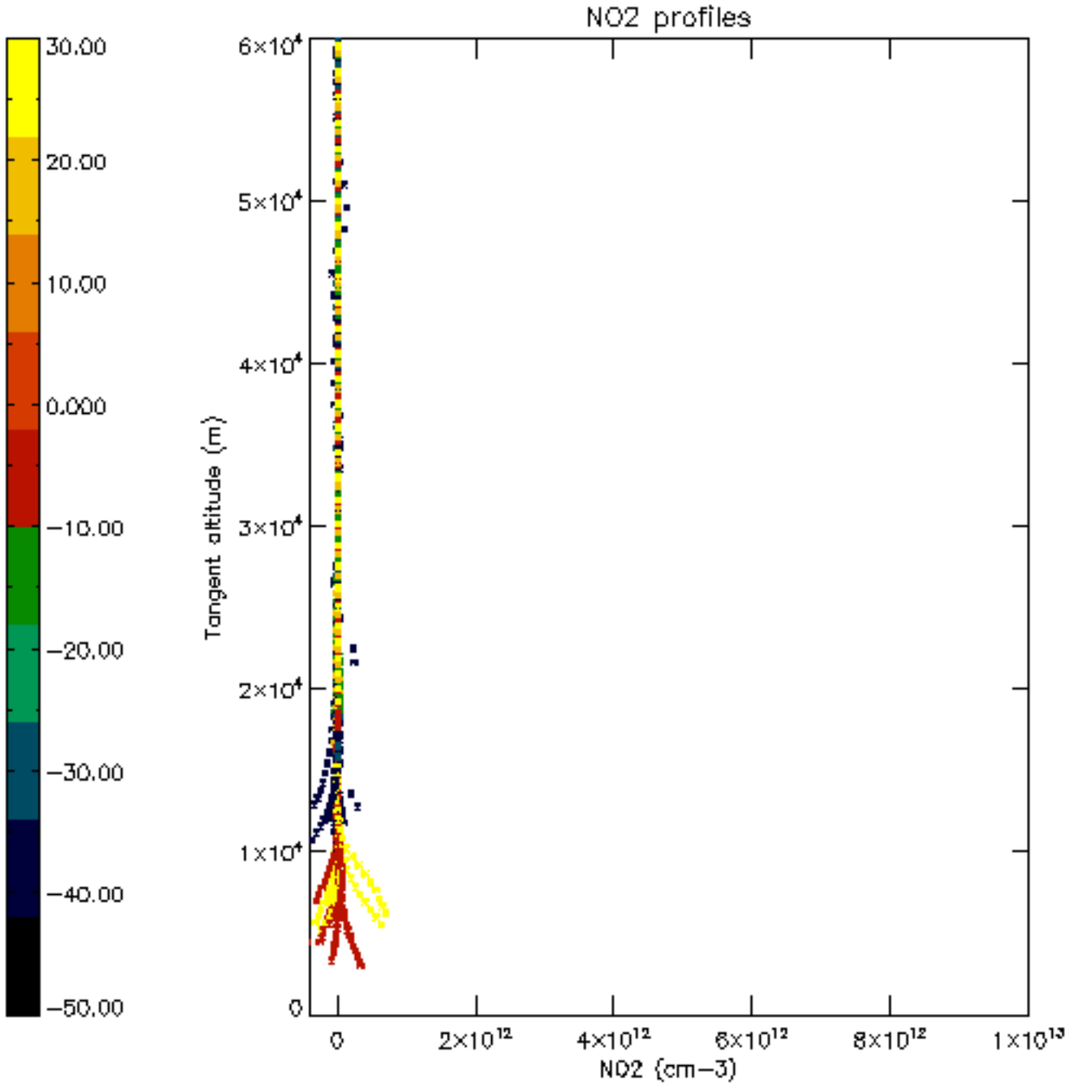
Ozone profiles

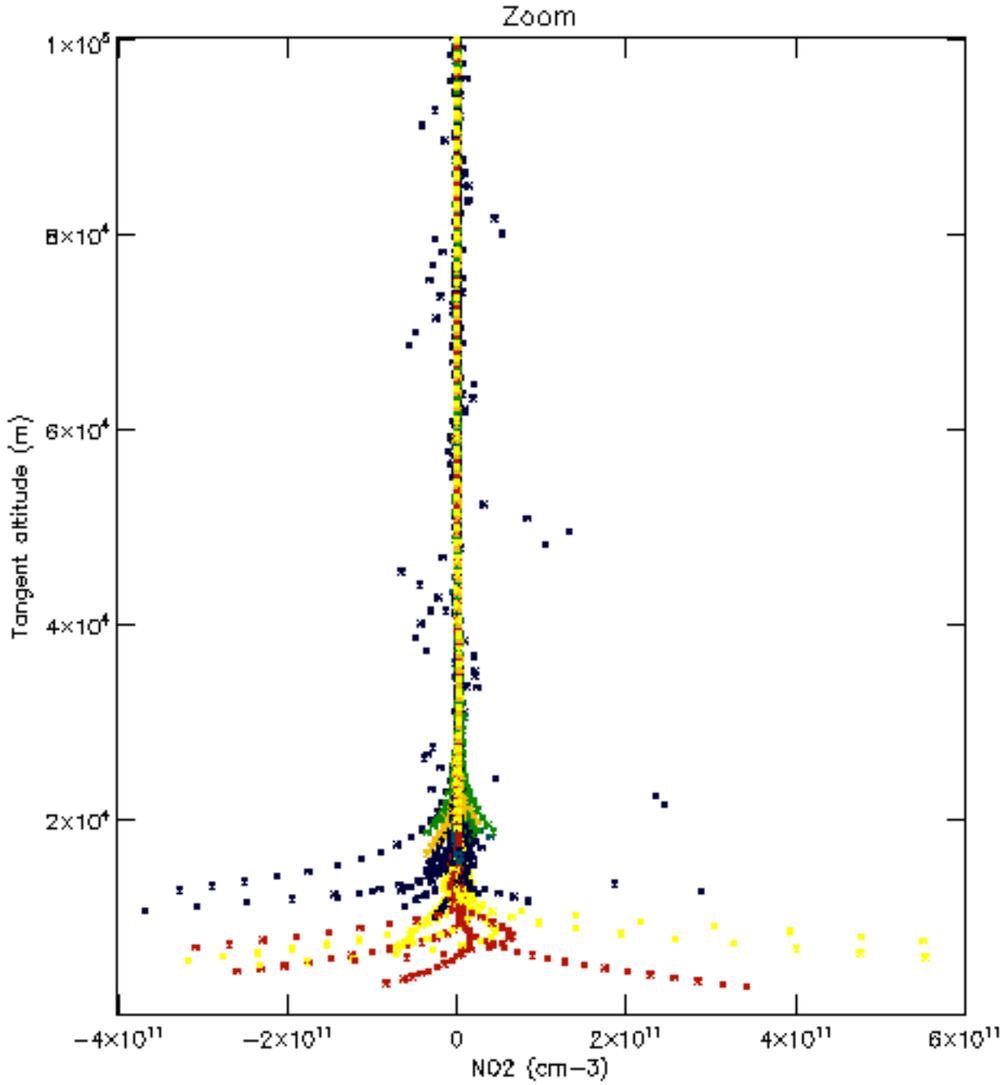
Zoom

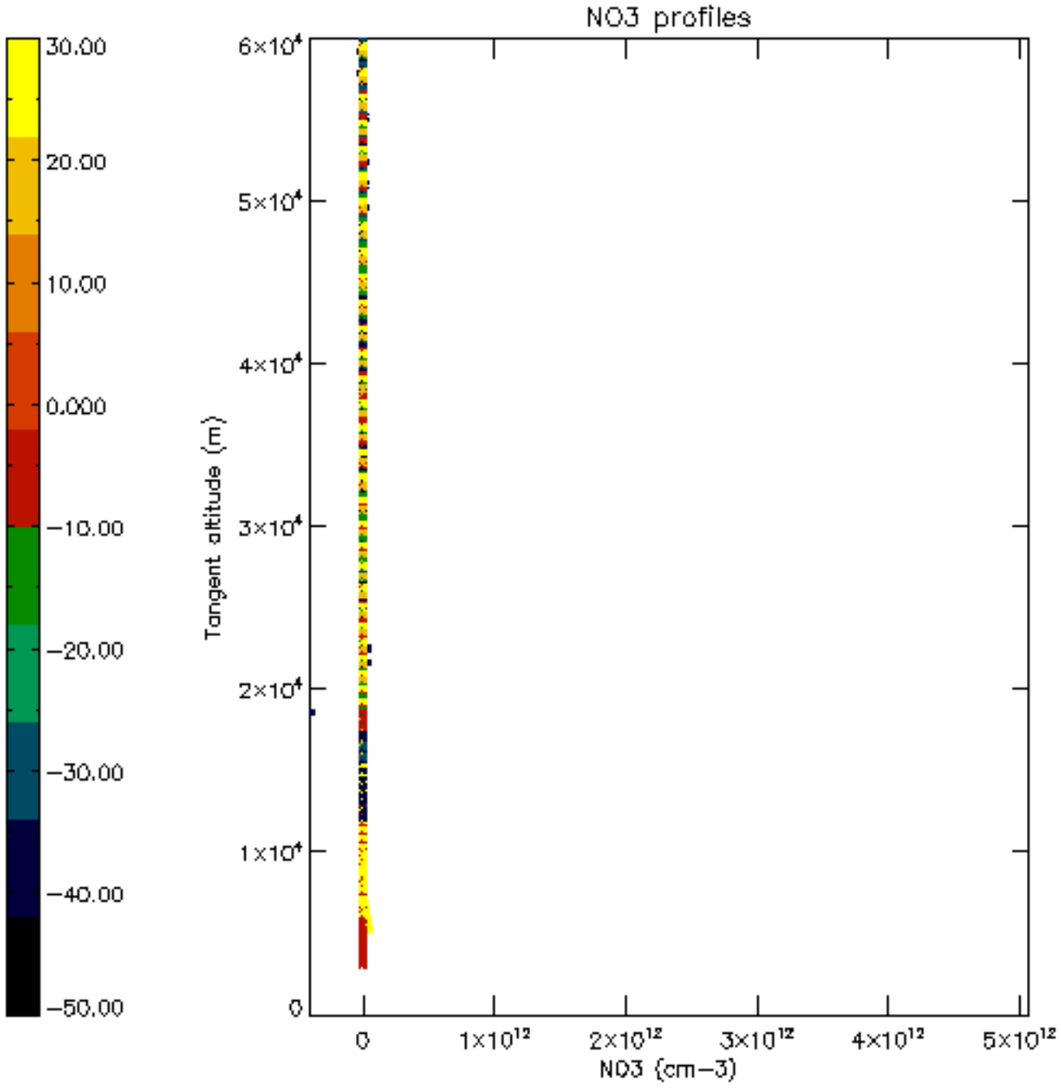


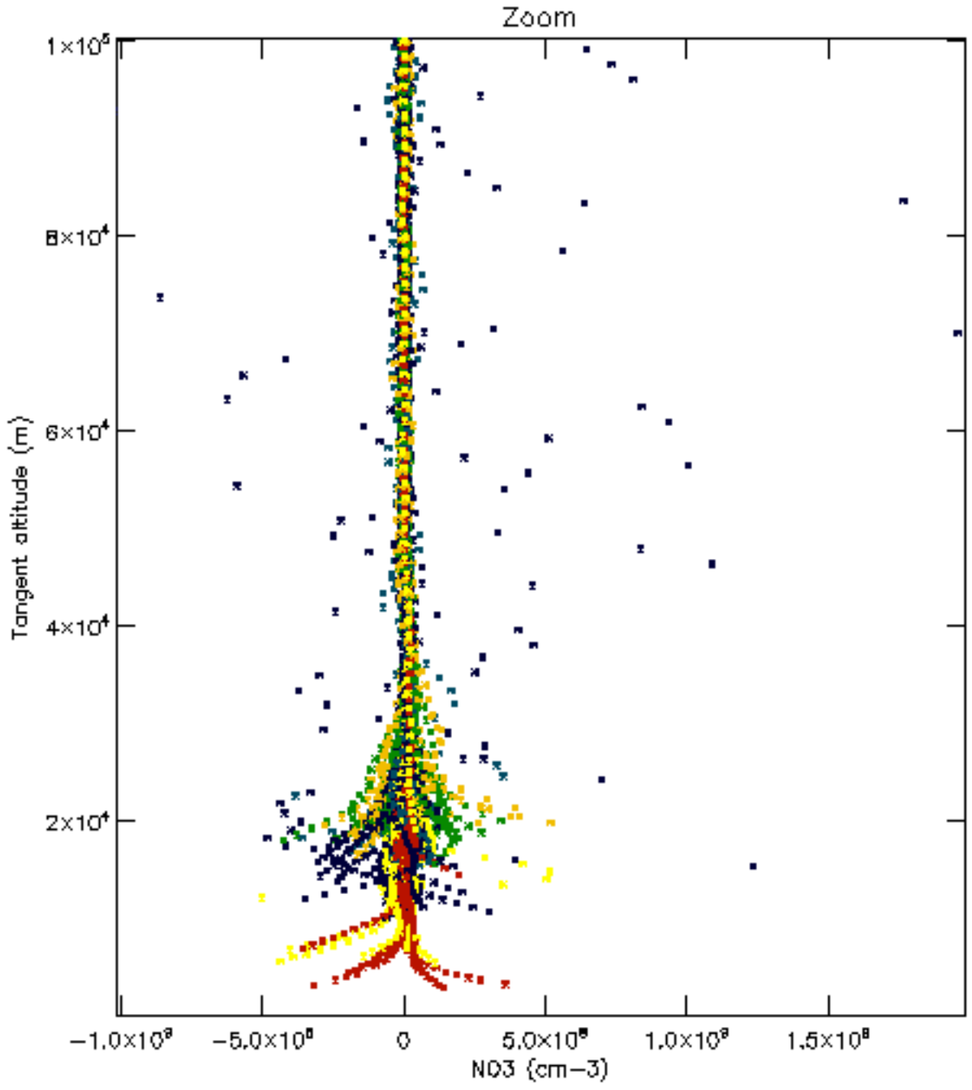
Secondary Ozone peak (log scale)

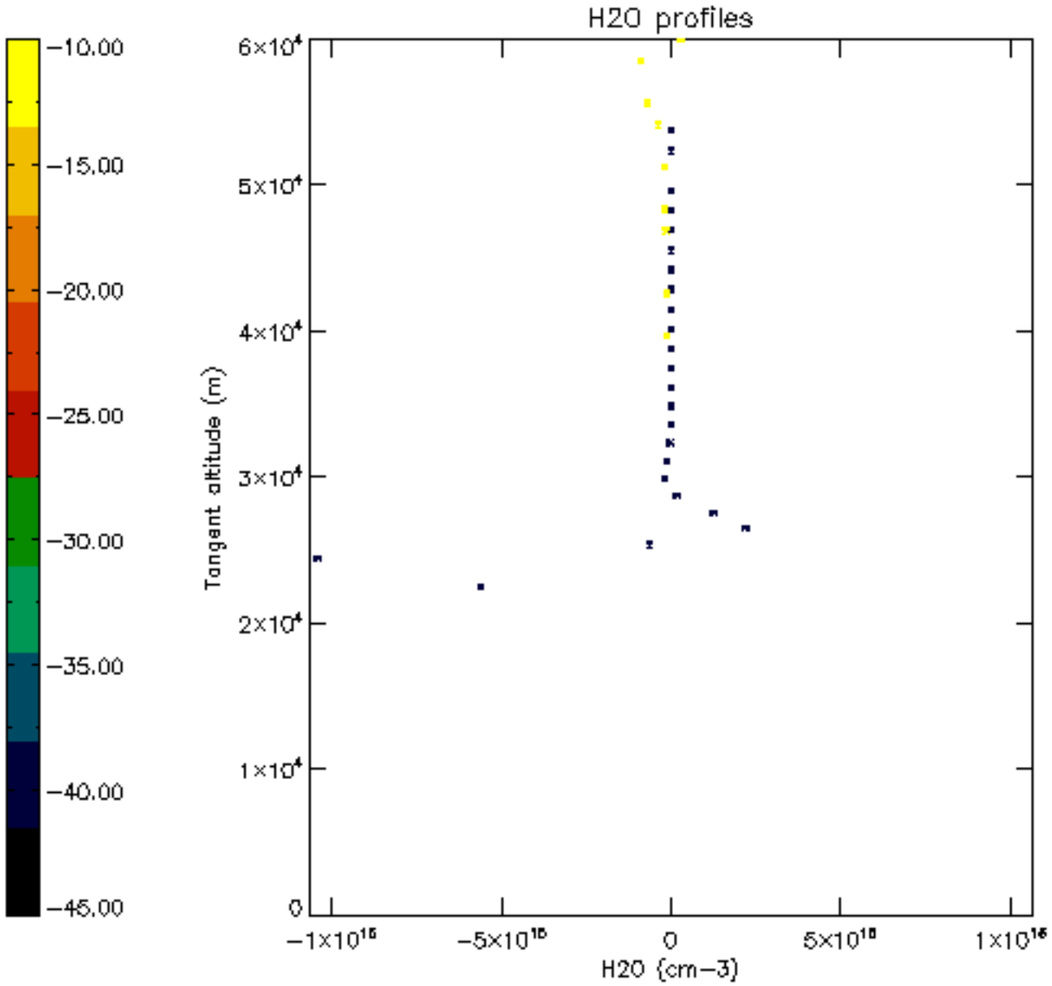


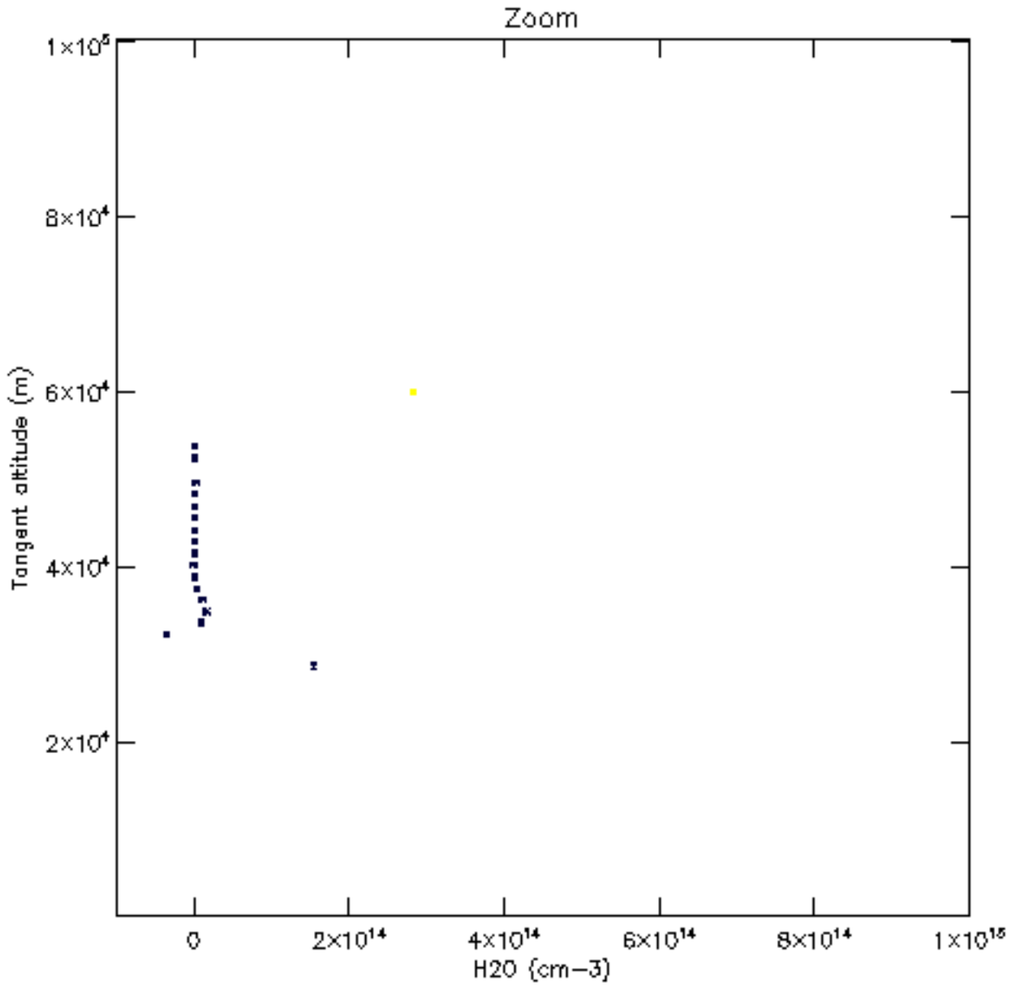

NO2 profiles
30.00
20.00
10.00
0.000
−10.00
−20.00
−30.00
−40.00
−50.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
0
2×10¹²
4×10¹²
6×10¹²
8×10¹²
1×10¹³
NO2 (cm−3)


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
30.00
20.00
10.00
0.000
−10.00
−20.00
−30.00
−40.00
−50.00
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
−10.00
−15.00
−20.00
−25.00
−30.00
−35.00
−40.00
−45.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
−1×10¹⁵
−5×10¹⁴
0
5×10¹⁴
1×10¹⁵
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)