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	22APR2013 11:04:15
Data source version	GOMOS/6.01
Start time of products	29-12-2004 (29DEC2004 00:00:00)
Stop time of products	30-12-2004 (30DEC2004 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	296
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__2PRFIN20041229_061101_000000472033_00220_14803_7459.N1	29-DEC-2004 06:11:01	Bright	47.000	36	50Alp UMa	1.8000	6300.0	94	14803	No
2	GOM_NL__2PRFIN20041229_061601_000000382033_00220_14803_7460.N1	29-DEC-2004 06:16:01	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	14803	No
3	GOM_NL__2PRFIN20041229_061801_000000382033_00220_14803_7461.N1	29-DEC-2004 06:18:01	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	14803	No
4	GOM_NL__2PRFIN20041229_062311_000000452033_00220_14803_7462.N1	29-DEC-2004 06:23:11	Bright	45.000	180	27Gam Boo	3.0400	8000.0	90	14803	No
5	GOM_NL__2PRFIN20041229_062649_000000442033_00220_14803_7463.N1	29-DEC-2004 06:26:49	Bright	43.500	83		2.3780	11000.	87	14803	No
6	GOM_NL__2PRFIN20041229_063048_000000732033_00220_14803_7464.N1	29-DEC-2004 06:30:48	Bright	73.000	111	8Eta Boo	2.6800	6000.0	146	14803	No
7	GOM_NL__2PRFIN20041229_063641_000000862033_00220_14803_7465.N1	29-DEC-2004 06:36:41	Twi_and_stray	85.500	138	47Eps Vir	2.8280	4700.0	171	14803	No
8	GOM_NL__2PRFIN20041229_063936_000000472033_00220_14803_7466.N1	29-DEC-2004 06:39:36	Twi_and_stray	46.500	122	9Alp2Lib	2.7470	9700.0	93	14803	No
9	GOM_NL__2PRFIN20041229_064234_000000652033_00220_14803_7467.N1	29-DEC-2004 06:42:34	Dark	65.000	15	67Alp Vir	0.97600	28000.	130	14803	No
10	GOM_NL__2PRFIN20041229_064509_000000382033_00220_14803_7468.N1	29-DEC-2004 06:45:09	Twilight	38.000	131	Gam Lup	2.8000	26000.	76	14803	No
11	GOM_NL__2PRFIN20041229_064624_000000392033_00220_14803_7469.N1	29-DEC-2004 06:46:24	Dark	39.000	109	Bet Lup	2.6770	26000.	78	14803	No
12	GOM_NL__2PRFIN20041229_064751_000000422033_00220_14803_7470.N1	29-DEC-2004 06:47:51	Dark	42.000	78	Alp Lup	2.3040	28000.	84	14803	No
13	GOM_NL__2PRFIN20041229_064914_000000412033_00220_14803_7471.N1	29-DEC-2004 06:49:14	Dark	41.000	95	Zet Cen	2.5450	26000.	82	14803	No
14	GOM_NL__2PRFIN20041229_065450_000000412033_00221_14804_7459.N1	29-DEC-2004 06:54:50	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	14804	No
15	GOM_NL__2PRFIN20041229_070012_000000412033_00221_14804_7460.N1	29-DEC-2004 07:00:12	Dark	40.500	29	Bet Car	1.6720	10200.	81	14804	No
16	GOM_NL__2PRFIN20041229_070129_000000442033_00221_14804_7461.N1	29-DEC-2004 07:01:29	Dark	44.000	71	Iot Car	2.2460	7700.0	88	14804	No
17	GOM_NL__2PRFIN20041229_070308_000000412033_00221_14804_7462.N1	29-DEC-2004 07:03:08	Dark	41.000	41	Eps Car	1.8600	4100.0	82	14804	No
18	GOM_NL__2PRFIN20041229_070457_000000602033_00221_14804_7463.N1	29-DEC-2004 07:04:57	Dark	60.000	65	Lam Vel	2.2040	4400.0	120	14804	No
19	GOM_NL__2PRFIN20041229_070727_000000462033_00221_14804_7464.N1	29-DEC-2004 07:07:27	Dark	45.500	2	Alp Car	-0.73600	7000.0	91	14804	No
20	GOM_NL__2PRFIN20041229_071038_000000512033_00221_14804_7465.N1	29-DEC-2004 07:10:38	Dark	51.000	117	Pi Pup	2.7060	3800.0	102	14804	No
21	GOM_NL__2PRFIN20041229_071330_000000492033_00221_14804_7466.N1	29-DEC-2004 07:13:30	Straylight	48.500	23	21Eps CMa	1.5020	26000.	97	14804	No
22	GOM_NL__2PRFIN20041229_071504_000000492033_00221_14804_7467.N1	29-DEC-2004 07:15:04	Straylight	49.000	179	24Omi2CMa	3.0320	24000.	98	14804	No
23	GOM_NL__2PRFIN20041229_071736_000000562033_00221_14804_7468.N1	29-DEC-2004 07:17:36	Straylight	55.500	1	9Alp CMa	-1.4400	11000.	111	14804	No
24	GOM_NL__2PRFIN20041229_072044_000000522033_00221_14804_7469.N1	29-DEC-2004 07:20:44	Straylight	52.000	7	19Bet Ori	0.10000	14000.	104	14804	No
25	GOM_NL__2PRFIN20041229_072238_000000392033_00221_14804_7470.N1	29-DEC-2004 07:22:38	Straylight	39.000	30	46Eps Ori	1.6940	30000.	78	14804	No
26	GOM_NL__2PRFIN20041229_072514_000000412033_00221_14804_7471.N1	29-DEC-2004 07:25:14	Twi_and_stray	41.000	14	58Alp Ori	0.87000	3000.0	82	14804	No
27	GOM_NL__2PRFIN20041229_072841_000000562033_00221_14804_7472.N1	29-DEC-2004 07:28:41	Bright	55.500	44	24Gam Gem	1.9280	11000.	111	14804	No
28	GOM_NL__2PRFIN20041229_073035_000000372033_00221_14804_7473.N1	29-DEC-2004 07:30:35	Bright	37.000	146	25Eta Tau	2.8730	15200.	74	14804	No
29	GOM_NL__2PRFIN20041229_073231_000000402033_00221_14804_7474.N1	29-DEC-2004 07:32:31	Bright	39.500	114	3Iot Aur	2.6930	4600.0	79	14804	No
30	GOM_NL__2PRFIN20041229_073415_000000412033_00221_14804_7475.N1	29-DEC-2004 07:34:15	Bright	41.000	107	37The Aur	2.6490	11000.	82	14804	No
31	GOM_NL__2PRFIN20041229_073615_000000432033_00221_14804_7476.N1	29-DEC-2004 07:36:15	Bright	43.000	6	13Alp Aur	0.080000	3400.0	86	14804	No
32	GOM_NL__2PRFIN20041229_073749_000000392033_00221_14804_7477.N1	29-DEC-2004 07:37:49	Bright	38.500	35	33Alp Per	1.7950	6250.0	77	14804	No
33	GOM_NL__2PRFIN20041229_073905_000000372033_00221_14804_7478.N1	29-DEC-2004 07:39:05	Bright	37.000	160	23Gam Per	2.9300	4700.0	74	14804	No
34	GOM_NL__2PRFIN20041229_074821_000000362033_00221_14804_7479.N1	29-DEC-2004 07:48:21	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	14804	No
35	GOM_NL__2PRFIN20041229_075137_000000512033_00221_14804_7480.N1	29-DEC-2004 07:51:37	Bright	50.500	36	50Alp UMa	1.8000	6300.0	101	14804	No
36	GOM_NL__2PRFIN20041229_075635_000000402033_00221_14804_7481.N1	29-DEC-2004 07:56:35	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	14804	No
37	GOM_NL__2PRFIN20041229_075837_000000392033_00221_14804_7482.N1	29-DEC-2004 07:58:37	Bright	39.000	130	23Bet Dra	2.7990	5800.0	78	14804	No
38	GOM_NL__2PRFIN20041229_080349_000000432033_00221_14804_7483.N1	29-DEC-2004 08:03:49	Bright	43.000	180	27Gam Boo	3.0400	8000.0	86	14804	No
39	GOM_NL__2PRFIN20041229_080725_000000432033_00221_14804_7484.N1	29-DEC-2004 08:07:25	Bright	42.500	83		2.3780	11000.	85	14804	No
40	GOM_NL__2PRFIN20041229_081125_000000522033_00221_14804_7485.N1	29-DEC-2004 08:11:25	Bright	51.500	111	8Eta Boo	2.6800	6000.0	103	14804	No
41	GOM_NL__2PRFIN20041229_081718_000000852033_00221_14804_7486.N1	29-DEC-2004 08:17:18	Twi_and_stray	84.500	138	47Eps Vir	2.8280	4700.0	169	14804	No
42	GOM_NL__2PRFIN20041229_082012_000000472033_00221_14804_7487.N1	29-DEC-2004 08:20:12	Twi_and_stray	47.000	122	9Alp2Lib	2.7470	9700.0	94	14804	No

43	GOM_NL__2PRFIN20041229_082312_000000632033_00221_14804_7488.N1	29-DEC-2004 08:23:12	Dark	62.500	15	67Alp Vir	0.97600	28000.	125	14804	No
44	GOM_NL__2PRFIN20041229_082545_000000392033_00221_14804_7489.N1	29-DEC-2004 08:25:45	Twilight	39.000	131	Gam Lup	2.8000	26000.	78	14804	No
45	GOM_NL__2PRFIN20041229_082700_000000412033_00221_14804_7490.N1	29-DEC-2004 08:27:00	Dark	40.500	109	Bet Lup	2.6770	26000.	81	14804	No
46	GOM_NL__2PRFIN20041229_082827_000000422033_00221_14804_7491.N1	29-DEC-2004 08:28:27	Dark	42.000	78	Alp Lup	2.3040	28000.	84	14804	No
47	GOM_NL__2PRFIN20041229_082950_000000422033_00221_14804_7492.N1	29-DEC-2004 08:29:50	Dark	42.000	95	Zet Cen	2.5450	26000.	84	14804	No
48	GOM_NL__2PRFIN20041229_083527_000000412033_00222_14805_7459.N1	29-DEC-2004 08:35:27	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	14805	No
49	GOM_NL__2PRFIN20041229_084049_000000402033_00222_14805_7460.N1	29-DEC-2004 08:40:49	Dark	39.500	29	Bet Car	1.6720	10200.	79	14805	No
50	GOM_NL__2PRFIN20041229_084207_000000442033_00222_14805_7461.N1	29-DEC-2004 08:42:07	Dark	43.500	71	Iot Car	2.2460	7700.0	87	14805	No
51	GOM_NL__2PRFIN20041229_084345_000000542033_00222_14805_7462.N1	29-DEC-2004 08:43:45	Dark	54.000	41	Eps Car	1.8600	4100.0	108	14805	No
52	GOM_NL__2PRFIN20041229_084534_000000572033_00222_14805_7463.N1	29-DEC-2004 08:45:34	Dark	57.000	65	Lam Vel	2.2040	4400.0	114	14805	No
53	GOM_NL__2PRFIN20041229_084804_000000502033_00222_14805_7464.N1	29-DEC-2004 08:48:04	Dark	49.500	2	Alp Car	-0.73600	7000.0	99	14805	No
54	GOM_NL__2PRFIN20041229_085114_000000482033_00222_14805_7465.N1	29-DEC-2004 08:51:14	Dark	48.000	117	Pi Pup	2.7060	3800.0	96	14805	No
55	GOM_NL__2PRFIN20041229_085406_000000492033_00222_14805_7466.N1	29-DEC-2004 08:54:06	Straylight	48.500	23	21Eps CMa	1.5020	26000.	97	14805	No
56	GOM_NL__2PRFIN20041229_085540_000000482033_00222_14805_7467.N1	29-DEC-2004 08:55:40	Straylight	48.000	179	24Omi2CMa	3.0320	24000.	96	14805	No
57	GOM_NL__2PRFIN20041229_085812_000000552033_00222_14805_7468.N1	29-DEC-2004 08:58:12	Straylight	55.000	1	9Alp CMa	-1.4400	11000.	110	14805	No
58	GOM_NL__2PRFIN20041229_090120_000000522033_00222_14805_7469.N1	29-DEC-2004 09:01:20	Straylight	52.000	7	19Bet Ori	0.10000	14000.	104	14805	No
59	GOM_NL__2PRFIN20041229_090314_000000392033_00222_14805_7470.N1	29-DEC-2004 09:03:14	Straylight	38.500	30	46Eps Ori	1.6940	30000.	77	14805	No
60	GOM_NL__2PRFIN20041229_090550_000000532033_00222_14805_7471.N1	29-DEC-2004 09:05:50	Twi_and_stray	52.500	14	58Alp Ori	0.87000	3000.0	105	14805	No
61	GOM_NL__2PRFIN20041229_090916_000000512033_00222_14805_7472.N1	29-DEC-2004 09:09:16	Bright	50.500	44	24Gam Gem	1.9280	11000.	101	14805	No
62	GOM_NL__2PRFIN20041229_091111_000000372033_00222_14805_7473.N1	29-DEC-2004 09:11:11	Bright	36.500	146	25Eta Tau	2.8730	15200.	73	14805	No
63	GOM_NL__2PRFIN20041229_091307_000000402033_00222_14805_7474.N1	29-DEC-2004 09:13:07	Bright	39.500	114	3Iot Aur	2.6930	4600.0	79	14805	No
64	GOM_NL__2PRFIN20041229_091451_000000412033_00222_14805_7475.N1	29-DEC-2004 09:14:51	Bright	41.000	107	37The Aur	2.6490	11000.	82	14805	No
65	GOM_NL__2PRFIN20041229_091651_000000422033_00222_14805_7476.N1	29-DEC-2004 09:16:51	Bright	42.000	6	13Alp Aur	0.080000	3400.0	84	14805	No
66	GOM_NL__2PRFIN20041229_091825_000000382033_00222_14805_7477.N1	29-DEC-2004 09:18:25	Bright	38.000	35	33Alp Per	1.7950	6250.0	76	14805	No
67	GOM_NL__2PRFIN20041229_091941_000000392033_00222_14805_7478.N1	29-DEC-2004 09:19:41	Bright	38.500	160	23Gam Per	2.9300	4700.0	77	14805	No
68	GOM_NL__2PRFIN20041229_092856_000000392033_00222_14805_7479.N1	29-DEC-2004 09:28:56	Bright	39.000	49	1Alp UMi	1.9900	6300.0	78	14805	No
69	GOM_NL__2PRFIN20041229_093212_000000492033_00222_14805_7480.N1	29-DEC-2004 09:32:12	Bright	49.000	36	50Alp UMa	1.8000	6300.0	98	14805	No
70	GOM_NL__2PRFIN20041229_093711_000000422033_00222_14805_7481.N1	29-DEC-2004 09:37:11	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	14805	No
71	GOM_NL__2PRFIN20041229_093915_000000392033_00222_14805_7482.N1	29-DEC-2004 09:39:15	Bright	39.000	130	23Bet Dra	2.7990	5800.0	78	14805	No
72	GOM_NL__2PRFIN20041229_094425_000000432033_00222_14805_7483.N1	29-DEC-2004 09:44:25	Bright	42.500	180	27Gam Boo	3.0400	8000.0	85	14805	No
73	GOM_NL__2PRFIN20041229_094802_000000422033_00222_14805_7484.N1	29-DEC-2004 09:48:02	Bright	42.000	83		2.3780	11000.	84	14805	No
74	GOM_NL__2PRFIN20041229_095202_000000532033_00222_14805_7485.N1	29-DEC-2004 09:52:02	Bright	53.000	111	8Eta Boo	2.6800	6000.0	106	14805	No
75	GOM_NL__2PRFIN20041229_095756_000000892033_00222_14805_7486.N1	29-DEC-2004 09:57:56	Twi_and_stray	89.000	138	47Eps Vir	2.8280	4700.0	178	14805	No
76	GOM_NL__2PRFIN20041229_100048_000000452033_00222_14805_7487.N1	29-DEC-2004 10:00:48	Twi_and_stray	44.500	122	9Alp2Lib	2.7470	9700.0	89	14805	No
77	GOM_NL__2PRFIN20041229_100350_000000642033_00222_14805_7488.N1	29-DEC-2004 10:03:50	Dark	64.000	15	67Alp Vir	0.97600	28000.	128	14805	No
78	GOM_NL__2PRFIN20041229_100621_000000412033_00222_14805_7489.N1	29-DEC-2004 10:06:21	Twilight	40.500	131	Gam Lup	2.8000	26000.	81	14805	No
79	GOM_NL__2PRFIN20041229_100736_000000412033_00222_14805_7490.N1	29-DEC-2004 10:07:36	Dark	40.500	109	Bet Lup	2.6770	26000.	81	14805	No
80	GOM_NL__2PRFIN20041229_100904_000000422033_00222_14805_7491.N1	29-DEC-2004 10:09:04	Dark	41.500	78	Alp Lup	2.3040	28000.	83	14805	No
81	GOM_NL__2PRFIN20041229_101027_000000412033_00222_14805_7492.N1	29-DEC-2004 10:10:27	Dark	40.500	95	Zet Cen	2.5450	26000.	81	14805	No
82	GOM_NL__2PRFIN20041229_101219_000000452033_00222_14805_7493.N1	29-DEC-2004 10:12:19	Dark	45.000	4	Alp1Cen	-0.010000	5800.0	90	14805	No
83	GOM_NL__2PRFIN20041229_101603_000000412033_00223_14806_7510.N1	29-DEC-2004 10:16:03	Dark	41.000	12	Alp1Cru	0.77500	30000.	82	14806	No
84	GOM_NL__2PRFIN20041229_102125_000000422033_00223_14806_7511.N1	29-DEC-2004 10:21:25	Dark	41.500	29	Bet Car	1.6720	10200.	83	14806	No
85	GOM_NL__2PRFIN20041229_102243_000000442033_00223_14806_7512.N1	29-DEC-2004 10:22:43	Dark	43.500	71	Iot Car	2.2460	7700.0	87	14806	No
86	GOM_NL__2PRFIN20041229_102421_000000532033_00223_14806_7513.N1	29-DEC-2004 10:24:21	Dark	52.500	41	Eps Car	1.8600	4100.0	105	14806	No
87	GOM_NL__2PRFIN20041229_102610_000000592033_00223_14806_7514.N1	29-DEC-2004 10:26:10	Dark	58.500	65	Lam Vel	2.2040	4400.0	117	14806	No
88	GOM_NL__2PRFIN20041229_102839_000000532033_00223_14806_7515.N1	29-DEC-2004 10:28:39	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	14806	No
89	GOM_NL__2PRFIN20041229_103150_000000502033_00223_14806_7516.N1	29-DEC-2004 10:31:50	Dark	50.000	117	Pi Pup	2.7060	3800.0	100	14806	No
90	GOM_NL__2PRFIN20041229_103442_000000492033_00223_14806_7517.N1	29-DEC-2004 10:34:42	Straylight	48.500	23	21Eps CMa	1.5020	26000.	97	14806	No
91	GOM_NL__2PRFIN20041229_103615_000000482033_00223_14806_7518.N1	29-DEC-2004 10:36:15	Straylight	48.000	179	24Omi2CMa	3.0320	24000.	96	14806	No
92	GOM_NL__2PRFIN20041229_103848_000000572033_00223_14806_7519.N1	29-DEC-2004 10:38:48	Straylight	56.500	1	9Alp CMa	-1.4400	11000.	113	14806	No
93	GOM_NL__2PRFIN20041229_104156_000000522033_00223_14806_7520.N1	29-DEC-2004 10:41:56	Straylight	52.000	7	19Bet Ori	0.10000	14000.	104	14806	No
94	GOM_NL__2PRFIN20041229_104350_000000392033_00223_14806_7521.N1	29-DEC-2004 10:43:50	Straylight	39.000	30	46Eps Ori	1.6940	30000.	78	14806	No
95	GOM_NL__2PRFIN20041229_104625_000000552033_00223_14806_7522.N1	29-DEC-2004 10:46:25	Twi_and_stray	54.500	14	58Alp Ori	0.87000	3000.0	109	14806	No
96	GOM_NL__2PRFIN20041229_104951_000000572033_00223_14806_7523.N1	29-DEC-2004 10:49:51	Bright	56.500	44	24Gam Gem	1.9280	11000.	113	14806	No
97	GOM_NL__2PRFIN20041229_105147_000000372033_00223_14806_7524.N1	29-DEC-2004 10:51:47	Bright	37.000	146	25Eta Tau	2.8730	15200.	74	14806	No
98	GOM_NL__2PRFIN20041229_105342_000000402033_00223_14806_7525.N1	29-DEC-2004 10:53:42	Bright	39.500	114	3Iot Aur	2.6930	4600.0	79	14806	No
99	GOM_NL__2PRFIN20041229_105526_000000412033_00223_14806_7526.N1	29-DEC-2004 10:55:26	Bright	41.000	107	37The Aur	2.6490	11000.	82	14806	No
100	GOM_NL__2PRFIN20041229_105726_000000412033_00223_14806_7527.N1	29-DEC-2004 10:57:26	Bright	41.000	6	13Alp Aur	0.080000	3400.0	82	14806	No
101	GOM_NL__2PRFIN20041229_105900_000000402033_00223_14806_7528.N1	29-DEC-2004 10:59:00	Bright	39.500	35	33Alp Per	1.7950	6250.0	79	14806	No

102	GOM_NL__2PRFIN20041229_110017_000000382033_00223_14806_7529.N1	29-DEC-2004 11:00:17	Bright	37.500	160	23Gam Per	2.9300	4700.0	75	14806	No
103	GOM_NL__2PRFIN20041229_110930_000000412033_00223_14806_7530.N1	29-DEC-2004 11:09:30	Bright	40.500	49	1Alp UMi	1.9900	6300.0	81	14806	No
104	GOM_NL__2PRFIN20041229_111248_000000512033_00223_14806_7531.N1	29-DEC-2004 11:12:48	Bright	51.000	36	50Alp UMa	1.8000	6300.0	102	14806	No
105	GOM_NL__2PRFIN20041229_111749_000000372033_00223_14806_7532.N1	29-DEC-2004 11:17:49	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	14806	No
106	GOM_NL__2PRFIN20041229_111951_000000382033_00223_14806_7533.N1	29-DEC-2004 11:19:51	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	14806	No
107	GOM_NL__2PRFIN20041229_112501_000000592033_00223_14806_7534.N1	29-DEC-2004 11:25:01	Bright	58.500	180	27Gam Boo	3.0400	8000.0	117	14806	No
108	GOM_NL__2PRFIN20041229_112837_000000422033_00223_14806_7535.N1	29-DEC-2004 11:28:37	Bright	41.500	83		2.3780	11000.	83	14806	No
109	GOM_NL__2PRFIN20041229_113238_000000742033_00223_14806_7536.N1	29-DEC-2004 11:32:38	Bright	74.000	111	8Eta Boo	2.6800	6000.0	148	14806	No
110	GOM_NL__2PRFIN20041229_113834_000000912033_00223_14806_7537.N1	29-DEC-2004 11:38:34	Twi_and_stray	91.000	138	47Eps Vir	2.8280	4700.0	182	14806	No
111	GOM_NL__2PRFIN20041229_114124_000000442033_00223_14806_7538.N1	29-DEC-2004 11:41:24	Twi_and_stray	44.000	122	9Alp2Lib	2.7470	9700.0	88	14806	No
112	GOM_NL__2PRFIN20041229_114427_000000622033_00223_14806_7539.N1	29-DEC-2004 11:44:27	Dark	61.500	15	67Alp Vir	0.97600	28000.	123	14806	No
113	GOM_NL__2PRFIN20041229_114655_000000422033_00223_14806_7540.N1	29-DEC-2004 11:46:55	Twilight	41.500	131	Gam Lup	2.8000	26000.	83	14806	No
114	GOM_NL__2PRFIN20041229_114812_000000412033_00223_14806_7541.N1	29-DEC-2004 11:48:12	Dark	40.500	109	Bet Lup	2.6770	26000.	81	14806	No
115	GOM_NL__2PRFIN20041229_114939_000000412033_00223_14806_7542.N1	29-DEC-2004 11:49:39	Dark	41.000	78	Alp Lup	2.3040	28000.	82	14806	No
116	GOM_NL__2PRFIN20041229_115103_000000412033_00223_14806_7543.N1	29-DEC-2004 11:51:03	Dark	41.000	95	Zet Cen	2.5450	26000.	82	14806	No
117	GOM_NL__2PRFIN20041229_115253_000000472033_00223_14806_7544.N1	29-DEC-2004 11:52:53	Dark	47.000	4	Alp1Cen	-0.010000	5800.0	94	14806	No
118	GOM_NL__2PRFIN20041229_115639_000000432033_00224_14807_7511.N1	29-DEC-2004 11:56:39	Dark	42.500	12	Alp1Cru	0.77500	30000.	85	14807	No
119	GOM_NL__2PRFIN20041229_120201_000000412033_00224_14807_7512.N1	29-DEC-2004 12:02:01	Dark	40.500	29	Bet Car	1.6720	10200.	81	14807	No
120	GOM_NL__2PRFIN20041229_120319_000000422033_00224_14807_7513.N1	29-DEC-2004 12:03:19	Dark	42.000	71	Iot Car	2.2460	7700.0	84	14807	No
121	GOM_NL__2PRFIN20041229_120456_000000432033_00224_14807_7514.N1	29-DEC-2004 12:04:56	Dark	43.000	41	Eps Car	1.8600	4100.0	86	14807	No
122	GOM_NL__2PRFIN20041229_120647_000000612033_00224_14807_7515.N1	29-DEC-2004 12:06:47	Dark	60.500	65	Lam Vel	2.2040	4400.0	121	14807	No
123	GOM_NL__2PRFIN20041229_120916_000000482033_00224_14807_7516.N1	29-DEC-2004 12:09:16	Dark	47.500	2	Alp Car	-0.73600	7000.0	95	14807	No
124	GOM_NL__2PRFIN20041229_121226_000000522033_00224_14807_7517.N1	29-DEC-2004 12:12:26	Dark	52.000	117	Pi Pup	2.7060	3800.0	104	14807	No
125	GOM_NL__2PRFIN20041229_121517_000000522033_00224_14807_7518.N1	29-DEC-2004 12:15:17	Straylight	52.000	23	21Eps CMa	1.5020	26000.	104	14807	No
126	GOM_NL__2PRFIN20041229_121650_000000512033_00224_14807_7519.N1	29-DEC-2004 12:16:50	Straylight	50.500	179	24Omi2CMa	3.0320	24000.	101	14807	No
127	GOM_NL__2PRFIN20041229_121921_000000552033_00224_14807_7520.N1	29-DEC-2004 12:19:21	Straylight	55.000	1	9Alp CMa	-1.4400	11000.	110	14807	No
128	GOM_NL__2PRFIN20041229_122232_000000522033_00224_14807_7521.N1	29-DEC-2004 12:22:32	Straylight	52.000	7	19Bet Ori	0.10000	14000.	104	14807	No
129	GOM_NL__2PRFIN20041229_122423_000000422033_00224_14807_7522.N1	29-DEC-2004 12:24:23	Straylight	41.500	30	46Eps Ori	1.6940	30000.	83	14807	No
130	GOM_NL__2PRFIN20041229_122701_000000532033_00224_14807_7523.N1	29-DEC-2004 12:27:01	Twi_and_stray	53.000	14	58Alp Ori	0.87000	3000.0	106	14807	No
131	GOM_NL__2PRFIN20041229_123027_000000532033_00224_14807_7524.N1	29-DEC-2004 12:30:27	Bright	53.000	44	24Gam Gem	1.9280	11000.	106	14807	No
132	GOM_NL__2PRFIN20041229_123223_000000372033_00224_14807_7525.N1	29-DEC-2004 12:32:23	Bright	36.500	146	25Eta Tau	2.8730	15200.	73	14807	No
133	GOM_NL__2PRFIN20041229_123417_000000412033_00224_14807_7526.N1	29-DEC-2004 12:34:17	Bright	41.000	114	3Iot Aur	2.6930	4600.0	82	14807	No
134	GOM_NL__2PRFIN20041229_123602_000000412033_00224_14807_7527.N1	29-DEC-2004 12:36:02	Bright	41.000	107	37The Aur	2.6490	11000.	82	14807	No
135	GOM_NL__2PRFIN20041229_123801_000000422033_00224_14807_7528.N1	29-DEC-2004 12:38:01	Bright	42.000	6	13Alp Aur	0.080000	3400.0	84	14807	No
136	GOM_NL__2PRFIN20041229_123935_000000422033_00224_14807_7529.N1	29-DEC-2004 12:39:35	Bright	41.500	35	33Alp Per	1.7950	6250.0	83	14807	No
137	GOM_NL__2PRFIN20041229_124054_000000382033_00224_14807_7530.N1	29-DEC-2004 12:40:54	Bright	38.000	160	23Gam Per	2.9300	4700.0	76	14807	No
138	GOM_NL__2PRFIN20041229_125010_000000362033_00224_14807_7531.N1	29-DEC-2004 12:50:10	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	14807	No
139	GOM_NL__2PRFIN20041229_125323_000000472033_00224_14807_7532.N1	29-DEC-2004 12:53:23	Bright	46.500	36	50Alp UMa	1.8000	6300.0	93	14807	No
140	GOM_NL__2PRFIN20041229_125826_000000372033_00224_14807_7533.N1	29-DEC-2004 12:58:26	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	14807	No
141	GOM_NL__2PRFIN20041229_130028_000000372033_00224_14807_7534.N1	29-DEC-2004 13:00:28	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	14807	No
142	GOM_NL__2PRFIN20041229_130537_000000432033_00224_14807_7535.N1	29-DEC-2004 13:05:37	Bright	43.000	180	27Gam Boo	3.0400	8000.0	86	14807	No
143	GOM_NL__2PRFIN20041229_130913_000000432033_00224_14807_7536.N1	29-DEC-2004 13:09:13	Bright	43.000	83		2.3780	11000.	86	14807	No
144	GOM_NL__2PRFIN20041229_131315_000000532033_00224_14807_7537.N1	29-DEC-2004 13:13:15	Bright	53.000	111	8Eta Boo	2.6800	6000.0	106	14807	No
145	GOM_NL__2PRFIN20041229_131911_000000842033_00224_14807_7538.N1	29-DEC-2004 13:19:11	Twi_and_stray	83.500	138	47Eps Vir	2.8280	4700.0	167	14807	No
146	GOM_NL__2PRFIN20041229_132200_000000462033_00224_14807_7539.N1	29-DEC-2004 13:22:00	Twi_and_stray	46.000	122	9Alp2Lib	2.7470	9700.0	92	14807	No
147	GOM_NL__2PRFIN20041229_132504_000000692033_00224_14807_7540.N1	29-DEC-2004 13:25:04	Dark	69.000	15	67Alp Vir	0.97600	28000.	138	14807	No
148	GOM_NL__2PRFIN20041229_132731_000000422033_00224_14807_7541.N1	29-DEC-2004 13:27:31	Twilight	42.000	131	Gam Lup	2.8000	26000.	84	14807	No
149	GOM_NL__2PRFIN20041229_132848_000000422033_00224_14807_7542.N1	29-DEC-2004 13:28:48	Dark	42.000	109	Bet Lup	2.6770	26000.	84	14807	No
150	GOM_NL__2PRFIN20041229_133015_000000432033_00224_14807_7543.N1	29-DEC-2004 13:30:15	Dark	42.500	78	Alp Lup	2.3040	28000.	85	14807	No
151	GOM_NL__2PRFIN20041229_133140_000000412033_00224_14807_7544.N1	29-DEC-2004 13:31:40	Dark	40.500	95	Zet Cen	2.5450	26000.	81	14807	No
152	GOM_NL__2PRFIN20041229_133331_000000492033_00224_14807_7545.N1	29-DEC-2004 13:33:31	Dark	49.000	4	Alp1Cen	-0.010000	5800.0	98	14807	No
153	GOM_NL__2PRFIN20041229_133715_000000422033_00225_14808_7459.N1	29-DEC-2004 13:37:15	Dark	42.000	12	Alp1Cru	0.77500	30000.	84	14808	No
154	GOM_NL__2PRFIN20041229_134237_000000422033_00225_14808_7460.N1	29-DEC-2004 13:42:37	Dark	41.500	29	Bet Car	1.6720	10200.	83	14808	No
155	GOM_NL__2PRFIN20041229_134356_000000452033_00225_14808_7461.N1	29-DEC-2004 13:43:56	Dark	45.000	71	Iot Car	2.2460	7700.0	90	14808	No
156	GOM_NL__2PRFIN20041229_134533_000000492033_00225_14808_7462.N1	29-DEC-2004 13:45:33	Dark	49.000	41	Eps Car	1.8600	4100.0	98	14808	No
157	GOM_NL__2PRFIN20041229_134723_000000552033_00225_14808_7463.N1	29-DEC-2004 13:47:23	Dark	55.000	65	Lam Vel	2.2040	4400.0	110	14808	No
158	GOM_NL__2PRFIN20041229_134951_000000482033_00225_14808_7464.N1	29-DEC-2004 13:49:51	Dark	48.000	2	Alp Car	-0.73600	7000.0	96	14808	No
159	GOM_NL__2PRFIN20041229_135302_000000502033_00225_14808_7465.N1	29-DEC-2004 13:53:02	Dark	49.500	117	Pi Pup	2.7060	3800.0	99	14808	No
160	GOM_NL__2PRFIN20041229_135551_000000512033_00225_14808_7466.N1	29-DEC-2004 13:55:51	Straylight	51.000	23	21Eps CMa	1.5020	26000.	102	14808	No

161	GOM_NL__2PRFIN20041229_135726_000000512033_00225_14808_7467.N1	29-DEC-2004 13:57:26	Straylight	51.000	179	24Omi2CMa	3.0320	24000.	102	14808	No
162	GOM_NL__2PRFIN20041229_135957_000000612033_00225_14808_7468.N1	29-DEC-2004 13:59:57	Straylight	61.000	1	9Alp CMa	-1.4400	11000.	122	14808	No
163	GOM_NL__2PRFIN20041229_140308_000000522033_00225_14808_7469.N1	29-DEC-2004 14:03:08	Straylight	52.000	7	19Bet Ori	0.10000	14000.	104	14808	No
164	GOM_NL__2PRFIN20041229_140459_000000422033_00225_14808_7470.N1	29-DEC-2004 14:04:59	Straylight	41.500	30	46Eps Ori	1.6940	30000.	83	14808	No
165	GOM_NL__2PRFIN20041229_140736_000000512033_00225_14808_7471.N1	29-DEC-2004 14:07:36	Twi_and_stray	50.500	14	58Alp Ori	0.87000	3000.0	101	14808	No
166	GOM_NL__2PRFIN20041229_141102_000000542033_00225_14808_7472.N1	29-DEC-2004 14:11:02	Bright	53.500	44	24Gam Gem	1.9280	11000.	107	14808	No
167	GOM_NL__2PRFIN20041229_141259_000000402033_00225_14808_7473.N1	29-DEC-2004 14:12:59	Bright	39.500	146	25Eta Tau	2.8730	15200.	79	14808	No
168	GOM_NL__2PRFIN20041229_141453_000000422033_00225_14808_7474.N1	29-DEC-2004 14:14:53	Bright	41.500	114	3Iot Aur	2.6930	4600.0	83	14808	No
169	GOM_NL__2PRFIN20041229_141637_000000412033_00225_14808_7475.N1	29-DEC-2004 14:16:37	Bright	40.500	107	37The Aur	2.6490	11000.	81	14808	No
170	GOM_NL__2PRFIN20041229_141837_000000432033_00225_14808_7476.N1	29-DEC-2004 14:18:37	Bright	43.000	6	13Alp Aur	0.080000	3400.0	86	14808	No
171	GOM_NL__2PRFIN20041229_142011_000000402033_00225_14808_7477.N1	29-DEC-2004 14:20:11	Bright	39.500	35	33Alp Per	1.7950	6250.0	79	14808	No
172	GOM_NL__2PRFIN20041229_142129_000000382033_00225_14808_7478.N1	29-DEC-2004 14:21:29	Bright	38.000	160	23Gam Per	2.9300	4700.0	76	14808	No
173	GOM_NL__2PRFIN20041229_143042_000000412033_00225_14808_7479.N1	29-DEC-2004 14:30:42	Bright	41.000	49	1Alp UMi	1.9900	6300.0	82	14808	No
174	GOM_NL__2PRFIN20041229_143358_000000502033_00225_14808_7480.N1	29-DEC-2004 14:33:58	Bright	49.500	36	50Alp UMa	1.8000	6300.0	99	14808	No
175	GOM_NL__2PRFIN20041229_143859_000000412033_00225_14808_7481.N1	29-DEC-2004 14:38:59	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	14808	No
176	GOM_NL__2PRFIN20041229_144104_000000382033_00225_14808_7482.N1	29-DEC-2004 14:41:04	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	14808	No
177	GOM_NL__2PRFIN20041229_144613_000000442033_00225_14808_7483.N1	29-DEC-2004 14:46:13	Bright	43.500	180	27Gam Boo	3.0400	8000.0	87	14808	No
178	GOM_NL__2PRFIN20041229_144950_000000602033_00225_14808_7484.N1	29-DEC-2004 14:49:50	Bright	60.000	83		2.3780	11000.	120	14808	No
179	GOM_NL__2PRFIN20041229_145351_000000562033_00225_14808_7485.N1	29-DEC-2004 14:53:51	Bright	55.500	111	8Eta Boo	2.6800	6000.0	111	14808	No
180	GOM_NL__2PRFIN20041229_145948_000000882033_00225_14808_7486.N1	29-DEC-2004 14:59:48	Twi_and_stray	87.500	138	47Eps Vir	2.8280	4700.0	175	14808	No
181	GOM_NL__2PRFIN20041229_150237_000000452033_00225_14808_7487.N1	29-DEC-2004 15:02:37	Twi_and_stray	45.000	122	9Alp2Lib	2.7470	9700.0	90	14808	No
182	GOM_NL__2PRFIN20041229_150541_000000672033_00225_14808_7488.N1	29-DEC-2004 15:05:41	Dark	66.500	15	67Alp Vir	0.97600	28000.	133	14808	No
183	GOM_NL__2PRFIN20041229_150809_000000392033_00225_14808_7489.N1	29-DEC-2004 15:08:09	Twilight	39.000	131	Gam Lup	2.8000	26000.	78	14808	No
184	GOM_NL__2PRFIN20041229_150925_000000402033_00225_14808_7490.N1	29-DEC-2004 15:09:25	Dark	40.000	109	Bet Lup	2.6770	26000.	80	14808	No
185	GOM_NL__2PRFIN20041229_151052_000000402033_00225_14808_7491.N1	29-DEC-2004 15:10:52	Dark	39.500	78	Alp Lup	2.3040	28000.	79	14808	No
186	GOM_NL__2PRFIN20041229_151216_000000422033_00225_14808_7492.N1	29-DEC-2004 15:12:16	Dark	42.000	95	Zet Cen	2.5450	26000.	84	14808	No
187	GOM_NL__2PRFIN20041229_151405_000000522033_00225_14808_7493.N1	29-DEC-2004 15:14:05	Dark	52.000	4	Alp1Cen	-0.010000	5800.0	104	14808	No
188	GOM_NL__2PRFIN20041229_151752_000000412033_00226_14809_7459.N1	29-DEC-2004 15:17:52	Dark	41.000	12	Alp1Cru	0.77500	30000.	82	14809	No
189	GOM_NL__2PRFIN20041229_152313_000000442033_00226_14809_7460.N1	29-DEC-2004 15:23:13	Dark	44.000	29	Bet Car	1.6720	10200.	88	14809	No
190	GOM_NL__2PRFIN20041229_152432_000000442033_00226_14809_7461.N1	29-DEC-2004 15:24:32	Dark	43.500	71	Iot Car	2.2460	7700.0	87	14809	No
191	GOM_NL__2PRFIN20041229_152609_000000452033_00226_14809_7462.N1	29-DEC-2004 15:26:09	Dark	44.500	41	Eps Car	1.8600	4100.0	89	14809	No
192	GOM_NL__2PRFIN20041229_152800_000000602033_00226_14809_7463.N1	29-DEC-2004 15:28:00	Dark	59.500	65	Lam Vel	2.2040	4400.0	119	14809	No
193	GOM_NL__2PRFIN20041229_153027_000000492033_00226_14809_7464.N1	29-DEC-2004 15:30:27	Dark	49.000	2	Alp Car	-0.73600	7000.0	98	14809	No
194	GOM_NL__2PRFIN20041229_153338_000000522033_00226_14809_7465.N1	29-DEC-2004 15:33:38	Dark	52.000	117	Pi Pup	2.7060	3800.0	104	14809	No
195	GOM_NL__2PRFIN20041229_153628_000000512033_00226_14809_7466.N1	29-DEC-2004 15:36:28	Straylight	51.000	23	21Eps CMa	1.5020	26000.	102	14809	No
196	GOM_NL__2PRFIN20041229_153804_000000492033_00226_14809_7467.N1	29-DEC-2004 15:38:04	Straylight	48.500	179	24Omi2CMa	3.0320	24000.	97	14809	No
197	GOM_NL__2PRFIN20041229_154033_000000572033_00226_14809_7468.N1	29-DEC-2004 15:40:33	Straylight	56.500	1	9Alp CMa	-1.4400	11000.	113	14809	No
198	GOM_NL__2PRFIN20041229_154344_000000482033_00226_14809_7469.N1	29-DEC-2004 15:43:44	Straylight	47.500	7	19Bet Ori	0.10000	14000.	95	14809	No
199	GOM_NL__2PRFIN20041229_154537_000000402033_00226_14809_7470.N1	29-DEC-2004 15:45:37	Straylight	40.000	30	46Eps Ori	1.6940	30000.	80	14809	No
200	GOM_NL__2PRFIN20041229_154812_000000512033_00226_14809_7471.N1	29-DEC-2004 15:48:12	Twi_and_stray	50.500	14	58Alp Ori	0.87000	3000.0	101	14809	No
201	GOM_NL__2PRFIN20041229_155138_000000602033_00226_14809_7472.N1	29-DEC-2004 15:51:38	Bright	60.000	44	24Gam Gem	1.9280	11000.	120	14809	No
202	GOM_NL__2PRFIN20041229_155336_000000372033_00226_14809_7473.N1	29-DEC-2004 15:53:36	Bright	37.000	146	25Eta Tau	2.8730	15200.	74	14809	No
203	GOM_NL__2PRFIN20041229_155530_000000402033_00226_14809_7474.N1	29-DEC-2004 15:55:30	Bright	40.000	114	3Iot Aur	2.6930	4600.0	80	14809	No
204	GOM_NL__2PRFIN20041229_155713_000000412033_00226_14809_7475.N1	29-DEC-2004 15:57:13	Bright	41.000	107	37The Aur	2.6490	11000.	82	14809	No
205	GOM_NL__2PRFIN20041229_155914_000000432033_00226_14809_7476.N1	29-DEC-2004 15:59:14	Bright	43.000	6	13Alp Aur	0.080000	3400.0	86	14809	No
206	GOM_NL__2PRFIN20041229_160049_000000412033_00226_14809_7477.N1	29-DEC-2004 16:00:49	Bright	41.000	35	33Alp Per	1.7950	6250.0	82	14809	No
207	GOM_NL__2PRFIN20041229_160206_000000372033_00226_14809_7478.N1	29-DEC-2004 16:02:06	Bright	36.500	160	23Gam Per	2.9300	4700.0	73	14809	No
208	GOM_NL__2PRFIN20041229_161120_000000392033_00226_14809_7479.N1	29-DEC-2004 16:11:20	Bright	39.000	49	1Alp UMi	1.9900	6300.0	78	14809	No
209	GOM_NL__2PRFIN20041229_161433_000000522033_00226_14809_7480.N1	29-DEC-2004 16:14:33	Bright	51.500	36	50Alp UMa	1.8000	6300.0	103	14809	No
210	GOM_NL__2PRFIN20041229_161937_000000382033_00226_14809_7481.N1	29-DEC-2004 16:19:37	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	14809	No
211	GOM_NL__2PRFIN20041229_162140_000000402033_00226_14809_7482.N1	29-DEC-2004 16:21:40	Bright	40.000	130	23Bet Dra	2.7990	5800.0	80	14809	No
212	GOM_NL__2PRFIN20041229_162648_000000522033_00226_14809_7483.N1	29-DEC-2004 16:26:48	Bright	52.000	180	27Gam Boo	3.0400	8000.0	104	14809	No
213	GOM_NL__2PRFIN20041229_163025_000000422033_00226_14809_7484.N1	29-DEC-2004 16:30:25	Bright	41.500	83		2.3780	11000.	83	14809	No
214	GOM_NL__2PRFIN20041229_163428_000000742033_00226_14809_7485.N1	29-DEC-2004 16:34:28	Bright	74.000	111	8Eta Boo	2.6800	6000.0	148	14809	No
215	GOM_NL__2PRFIN20041229_164026_000000872033_00226_14809_7486.N1	29-DEC-2004 16:40:26	Twi_and_stray	87.000	138	47Eps Vir	2.8280	4700.0	174	14809	No
216	GOM_NL__2PRFIN20041229_164314_000000462033_00226_14809_7487.N1	29-DEC-2004 16:43:14	Twi_and_stray	45.500	122	9Alp2Lib	2.7470	9700.0	91	14809	No
217	GOM_NL__2PRFIN20041229_164618_000000672033_00226_14809_7488.N1	29-DEC-2004 16:46:18	Dark	66.500	15	67Alp Vir	0.97600	28000.	133	14809	No
218	GOM_NL__2PRFIN20041229_164846_000000392033_00226_14809_7489.N1	29-DEC-2004 16:48:46	Twilight	38.500	131	Gam Lup	2.8000	26000.	77	14809	No
219	GOM_NL__2PRFIN20041229_165001_000000412033_00226_14809_7490.N1	29-DEC-2004 16:50:01	Dark	41.000	109	Bet Lup	2.6770	26000.	82	14809	No

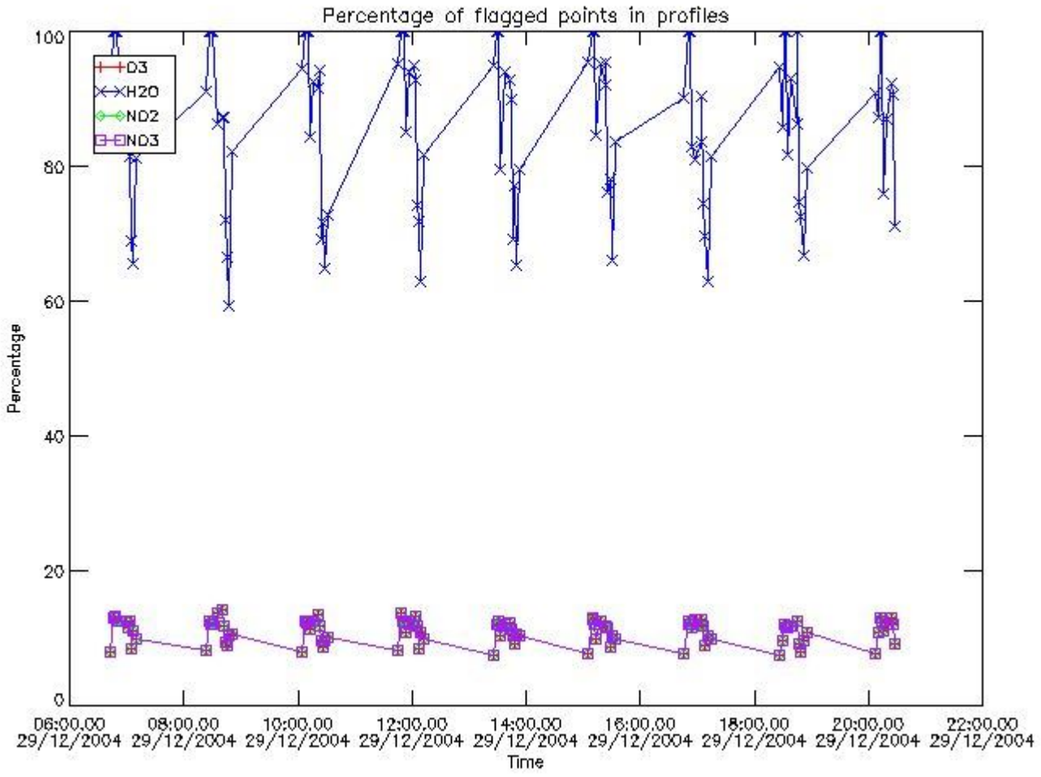
220	GOM_NL__2PRFIN20041229_165129_000000432033_00226_14809_7491.N1	29-DEC-2004 16:51:29	Dark	42.500	78	Alp Lup	2.3040	28000.	85	14809	No
221	GOM_NL__2PRFIN20041229_165253_000000422033_00226_14809_7492.N1	29-DEC-2004 16:52:53	Dark	42.000	95	Zet Cen	2.5450	26000.	84	14809	No
222	GOM_NL__2PRFIN20041229_165444_000000452033_00226_14809_7493.N1	29-DEC-2004 16:54:44	Dark	44.500	4	Alp1Cen	-0.010000	5800.0	89	14809	No
223	GOM_NL__2PRFIN20041229_165828_000000402033_00227_14810_7512.N1	29-DEC-2004 16:58:28	Dark	40.000	12	Alp1Cru	0.77500	30000.	80	14810	No
224	GOM_NL__2PRFIN20041229_170349_000000402033_00227_14810_7513.N1	29-DEC-2004 17:03:49	Dark	40.000	29	Bet Car	1.6720	10200.	80	14810	No
225	GOM_NL__2PRFIN20041229_170508_000000472033_00227_14810_7514.N1	29-DEC-2004 17:05:08	Dark	47.000	71	Iot Car	2.2460	7700.0	94	14810	No
226	GOM_NL__2PRFIN20041229_170645_000000442033_00227_14810_7515.N1	29-DEC-2004 17:06:45	Dark	43.500	41	Eps Car	1.8600	4100.0	87	14810	No
227	GOM_NL__2PRFIN20041229_170837_000000572033_00227_14810_7516.N1	29-DEC-2004 17:08:37	Dark	56.500	65	Lam Vel	2.2040	4400.0	113	14810	No
228	GOM_NL__2PRFIN20041229_171102_000000492033_00227_14810_7517.N1	29-DEC-2004 17:11:02	Dark	49.000	2	Alp Car	-0.73600	7000.0	98	14810	No
229	GOM_NL__2PRFIN20041229_171415_000000522033_00227_14810_7518.N1	29-DEC-2004 17:14:15	Dark	51.500	117	Pi Pup	2.7060	3800.0	103	14810	No
230	GOM_NL__2PRFIN20041229_171706_000000512033_00227_14810_7519.N1	29-DEC-2004 17:17:06	Straylight	51.000	23	21Eps CMa	1.5020	26000.	102	14810	No
231	GOM_NL__2PRFIN20041229_171840_000000482033_00227_14810_7520.N1	29-DEC-2004 17:18:40	Straylight	48.000	179	24Omi2CMa	3.0320	24000.	96	14810	No
232	GOM_NL__2PRFIN20041229_172109_000000552033_00227_14810_7521.N1	29-DEC-2004 17:21:09	Straylight	55.000	1	9Alp CMa	-1.4400	11000.	110	14810	No
233	GOM_NL__2PRFIN20041229_172420_000000462033_00227_14810_7522.N1	29-DEC-2004 17:24:20	Straylight	45.500	7	19Bet Ori	0.10000	14000.	91	14810	No
234	GOM_NL__2PRFIN20041229_172611_000000422033_00227_14810_7523.N1	29-DEC-2004 17:26:11	Straylight	42.000	30	46Eps Ori	1.6940	30000.	84	14810	No
235	GOM_NL__2PRFIN20041229_172826_000000402033_00227_14810_7524.N1	29-DEC-2004 17:28:26	Twi_and_stray	39.500	27	24Gam Ori	1.6360	26000.	79	14810	No
236	GOM_NL__2PRFIN20041229_173008_000000762033_00227_14810_7525.N1	29-DEC-2004 17:30:08	Twi_and_stray	76.000	8	10Alp CMi	0.40000	6500.0	152	14810	No
237	GOM_NL__2PRFIN20041229_173214_000000602033_00227_14810_7526.N1	29-DEC-2004 17:32:14	Bright	59.500	44	24Gam Gem	1.9280	11000.	119	14810	No
238	GOM_NL__2PRFIN20041229_173351_000000492033_00227_14810_7527.N1	29-DEC-2004 17:33:51	Bright	48.500	151	13Mu Gem	2.8900	3000.0	97	14810	No
239	GOM_NL__2PRFIN20041229_173605_000000422033_00227_14810_7528.N1	29-DEC-2004 17:36:05	Bright	41.500	114	3Iot Aur	2.6930	4600.0	83	14810	No
240	GOM_NL__2PRFIN20041229_173749_000000412033_00227_14810_7529.N1	29-DEC-2004 17:37:49	Bright	40.500	107	37The Aur	2.6490	11000.	81	14810	No
241	GOM_NL__2PRFIN20041229_173949_000000432033_00227_14810_7530.N1	29-DEC-2004 17:39:49	Bright	43.000	6	13Alp Aur	0.080000	3400.0	86	14810	No
242	GOM_NL__2PRFIN20041229_174123_000000392033_00227_14810_7531.N1	29-DEC-2004 17:41:23	Bright	39.000	35	33Alp Per	1.7950	6250.0	78	14810	No
243	GOM_NL__2PRFIN20041229_174242_000000362033_00227_14810_7532.N1	29-DEC-2004 17:42:42	Bright	35.500	160	23Gam Per	2.9300	4700.0	71	14810	No
244	GOM_NL__2PRFIN20041229_175156_000000402033_00227_14810_7533.N1	29-DEC-2004 17:51:56	Bright	39.500	49	1Alp UMi	1.9900	6300.0	79	14810	No
245	GOM_NL__2PRFIN20041229_175509_000000492033_00227_14810_7534.N1	29-DEC-2004 17:55:09	Bright	49.000	36	50Alp UMa	1.8000	6300.0	98	14810	No
246	GOM_NL__2PRFIN20041229_180011_000000422033_00227_14810_7535.N1	29-DEC-2004 18:00:11	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	14810	No
247	GOM_NL__2PRFIN20041229_180216_000000402033_00227_14810_7536.N1	29-DEC-2004 18:02:16	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	14810	No
248	GOM_NL__2PRFIN20041229_180725_000000422033_00227_14810_7537.N1	29-DEC-2004 18:07:25	Bright	41.500	180	27Gam Boo	3.0400	8000.0	83	14810	No
249	GOM_NL__2PRFIN20041229_181102_000000602033_00227_14810_7538.N1	29-DEC-2004 18:11:02	Bright	60.000	83		2.3780	11000.	120	14810	No
250	GOM_NL__2PRFIN20041229_181504_000000532033_00227_14810_7539.N1	29-DEC-2004 18:15:04	Bright	52.500	111	8Eta Boo	2.6800	6000.0	105	14810	No
251	GOM_NL__2PRFIN20041229_182103_000000872033_00227_14810_7540.N1	29-DEC-2004 18:21:03	Twi_and_stray	87.000	138	47Eps Vir	2.8280	4700.0	174	14810	No
252	GOM_NL__2PRFIN20041229_182351_000000462033_00227_14810_7541.N1	29-DEC-2004 18:23:51	Twi_and_stray	46.000	122	9Alp2Lib	2.7470	9700.0	92	14810	No
253	GOM_NL__2PRFIN20041229_182655_000000682033_00227_14810_7542.N1	29-DEC-2004 18:26:55	Dark	67.500	15	67Alp Vir	0.97600	28000.	135	14810	No
254	GOM_NL__2PRFIN20041229_183041_000000532033_00227_14810_7543.N1	29-DEC-2004 18:30:41	Dark	53.000	54	5The Cen	2.0550	4500.0	106	14810	No
255	GOM_NL__2PRFIN20041229_183205_000000432033_00227_14810_7544.N1	29-DEC-2004 18:32:05	Dark	42.500	78	Alp Lup	2.3040	28000.	85	14810	No
256	GOM_NL__2PRFIN20041229_183329_000000442033_00227_14810_7545.N1	29-DEC-2004 18:33:29	Dark	44.000	95	Zet Cen	2.5450	26000.	88	14810	No
257	GOM_NL__2PRFIN20041229_183520_000000442033_00227_14810_7546.N1	29-DEC-2004 18:35:20	Dark	44.000	4	Alp1Cen	-0.010000	5800.0	88	14810	No
258	GOM_NL__2PRFIN20041229_183905_000000442033_00228_14811_7459.N1	29-DEC-2004 18:39:05	Dark	43.500	12	Alp1Cru	0.77500	30000.	87	14811	No
259	GOM_NL__2PRFIN20041229_184427_000000412033_00228_14811_7460.N1	29-DEC-2004 18:44:27	Dark	40.500	29	Bet Car	1.6720	10200.	81	14811	No
260	GOM_NL__2PRFIN20041229_184545_000000412033_00228_14811_7461.N1	29-DEC-2004 18:45:45	Dark	41.000	71	Iot Car	2.2460	7700.0	82	14811	No
261	GOM_NL__2PRFIN20041229_184723_000000562033_00228_14811_7462.N1	29-DEC-2004 18:47:23	Dark	56.000	41	Eps Car	1.8600	4100.0	112	14811	No
262	GOM_NL__2PRFIN20041229_184914_000000642033_00228_14811_7463.N1	29-DEC-2004 18:49:14	Dark	64.000	65	Lam Vel	2.2040	4400.0	128	14811	No
263	GOM_NL__2PRFIN20041229_185141_000000532033_00228_14811_7464.N1	29-DEC-2004 18:51:41	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	14811	No
264	GOM_NL__2PRFIN20041229_185452_000000482033_00228_14811_7465.N1	29-DEC-2004 18:54:52	Dark	47.500	117	Pi Pup	2.7060	3800.0	95	14811	No
265	GOM_NL__2PRFIN20041229_185743_000000472033_00228_14811_7466.N1	29-DEC-2004 18:57:43	Straylight	46.500	23	21Eps CMa	1.5020	26000.	93	14811	No
266	GOM_NL__2PRFIN20041229_185917_000000482033_00228_14811_7467.N1	29-DEC-2004 18:59:17	Straylight	48.000	179	24Omi2CMa	3.0320	24000.	96	14811	No
267	GOM_NL__2PRFIN20041229_190148_000000602033_00228_14811_7468.N1	29-DEC-2004 19:01:48	Straylight	60.000	1	9Alp CMa	-1.4400	11000.	120	14811	No
268	GOM_NL__2PRFIN20041229_190456_000000482033_00228_14811_7469.N1	29-DEC-2004 19:04:56	Straylight	47.500	7	19Bet Ori	0.10000	14000.	95	14811	No
269	GOM_NL__2PRFIN20041229_190650_000000402033_00228_14811_7470.N1	29-DEC-2004 19:06:50	Straylight	39.500	30	46Eps Ori	1.6940	30000.	79	14811	No
270	GOM_NL__2PRFIN20041229_190902_000000412033_00228_14811_7471.N1	29-DEC-2004 19:09:02	Twi_and_stray	40.500	27	24Gam Ori	1.6360	26000.	81	14811	No
271	GOM_NL__2PRFIN20041229_191043_000000772033_00228_14811_7472.N1	29-DEC-2004 19:10:43	Twi_and_stray	76.500	8	10Alp CMi	0.40000	6500.0	153	14811	No
272	GOM_NL__2PRFIN20041229_191250_000000482033_00228_14811_7473.N1	29-DEC-2004 19:12:50	Bright	47.500	44	24Gam Gem	1.9280	11000.	95	14811	No
273	GOM_NL__2PRFIN20041229_191426_000000492033_00228_14811_7474.N1	29-DEC-2004 19:14:26	Bright	49.000	151	13Mu Gem	2.8900	3000.0	98	14811	No
274	GOM_NL__2PRFIN20041229_191642_000000402033_00228_14811_7475.N1	29-DEC-2004 19:16:42	Bright	39.500	114	3Iot Aur	2.6930	4600.0	79	14811	No
275	GOM_NL__2PRFIN20041229_191825_000000402033_00228_14811_7476.N1	29-DEC-2004 19:18:25	Bright	40.000	107	37The Aur	2.6490	11000.	80	14811	No
276	GOM_NL__2PRFIN20041229_192026_000000422033_00228_14811_7477.N1	29-DEC-2004 19:20:26	Bright	41.500	6	13Alp Aur	0.080000	3400.0	83	14811	No
277	GOM_NL__2PRFIN20041229_192202_000000392033_00228_14811_7478.N1	29-DEC-2004 19:22:02	Bright	39.000	35	33Alp Per	1.7950	6250.0	78	14811	No
278	GOM_NL__2PRFIN20041229_192319_000000382033_00228_14811_7479.N1	29-DEC-2004 19:23:19	Bright	37.500	160	23Gam Per	2.9300	4700.0	75	14811	No

279	GOM_NL__2PRFIN20041229_193233_000000382033_00228_14811_7480.N1	29-DEC-2004 19:32:33	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	14811	No
280	GOM_NL__2PRFIN20041229_193543_000000462033_00228_14811_7481.N1	29-DEC-2004 19:35:43	Bright	46.000	36	50Alp UMa	1.8000	6300.0	92	14811	No
281	GOM_NL__2PRFIN20041229_194050_000000392033_00228_14811_7482.N1	29-DEC-2004 19:40:50	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	14811	No
282	GOM_NL__2PRFIN20041229_194252_000000372033_00228_14811_7483.N1	29-DEC-2004 19:42:52	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	14811	No
283	GOM_NL__2PRFIN20041229_194801_000000442033_00228_14811_7484.N1	29-DEC-2004 19:48:01	Bright	43.500	180	27Gam Boo	3.0400	8000.0	87	14811	No
284	GOM_NL__2PRFIN20041229_195138_000000602033_00228_14811_7485.N1	29-DEC-2004 19:51:38	Bright	60.000	83		2.3780	11000.	120	14811	No
285	GOM_NL__2PRFIN20041229_195540_000000532033_00228_14811_7486.N1	29-DEC-2004 19:55:40	Bright	53.000	111	8Eta Boo	2.6800	6000.0	106	14811	No
286	GOM_NL__2PRFIN20041229_200140_000000882033_00228_14811_7487.N1	29-DEC-2004 20:01:40	Twi_and_stray	88.000	138	47Eps Vir	2.8280	4700.0	176	14811	No
287	GOM_NL__2PRFIN20041229_200428_000000442033_00228_14811_7488.N1	29-DEC-2004 20:04:28	Twi_and_stray	43.500	122	9Alp2Lib	2.7470	9700.0	87	14811	No
288	GOM_NL__2PRFIN20041229_200732_000000662033_00228_14811_7489.N1	29-DEC-2004 20:07:32	Dark	65.500	15	67Alp Vir	0.97600	28000.	131	14811	No
289	GOM_NL__2PRFIN20041229_201118_000000482033_00228_14811_7490.N1	29-DEC-2004 20:11:18	Dark	47.500	54	5The Cen	2.0550	4500.0	95	14811	No
290	GOM_NL__2PRFIN20041229_201242_000000402033_00228_14811_7491.N1	29-DEC-2004 20:12:42	Dark	39.500	78	Alp Lup	2.3040	28000.	79	14811	No
291	GOM_NL__2PRFIN20041229_201406_000000412033_00228_14811_7492.N1	29-DEC-2004 20:14:06	Dark	40.500	95	Zet Cen	2.5450	26000.	81	14811	No
292	GOM_NL__2PRFIN20041229_201557_000000462033_00228_14811_7493.N1	29-DEC-2004 20:15:57	Dark	46.000	4	Alp1Cen	-0.010000	5800.0	92	14811	No
293	GOM_NL__2PRFIN20041229_201942_000000432033_00229_14812_7459.N1	29-DEC-2004 20:19:42	Dark	42.500	12	Alp1Cru	0.77500	30000.	85	14812	No
294	GOM_NL__2PRFIN20041229_202503_000000402033_00229_14812_7460.N1	29-DEC-2004 20:25:03	Dark	39.500	29	Bet Car	1.6720	10200.	79	14812	No
295	GOM_NL__2PRFIN20041229_202622_000000432033_00229_14812_7461.N1	29-DEC-2004 20:26:22	Dark	42.500	71	Iot Car	2.2460	7700.0	85	14812	No
296	GOM_NL__2PRFIN20041229_202759_000000562033_00229_14812_7462.N1	29-DEC-2004 20:27:59	Dark	55.500	41	Eps Car	1.8600	4100.0	111	14812	No

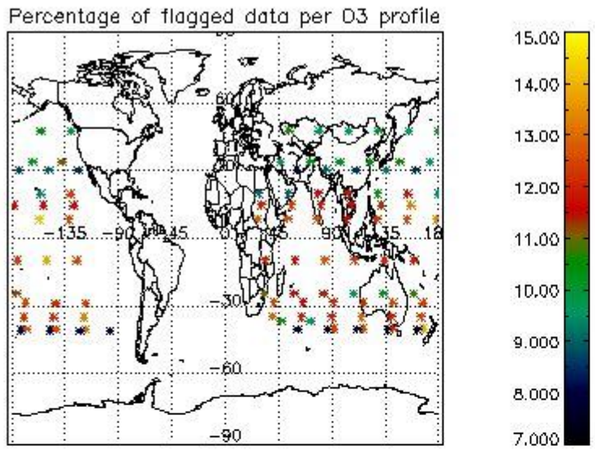
3. Quality information per product

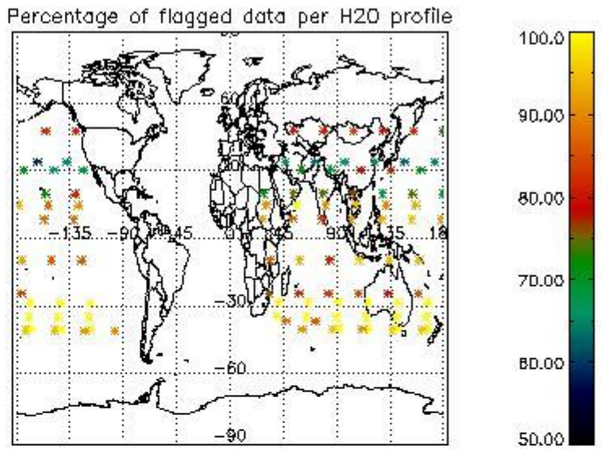
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

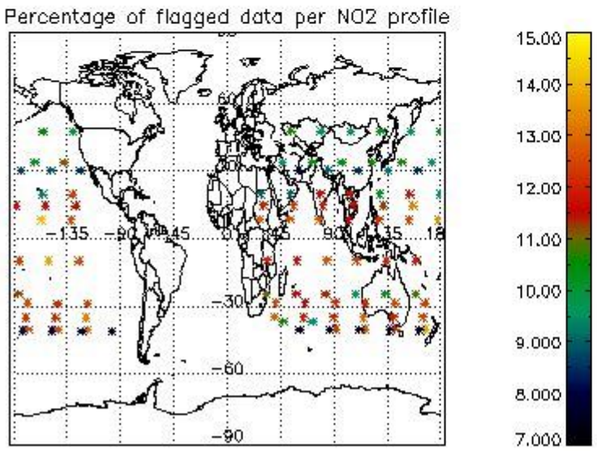
3.1 Plot quality information per product (time dependant)

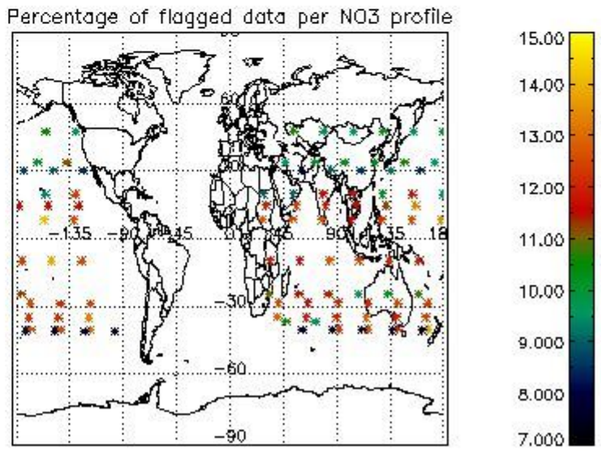


3.2 Plot quality information per product (world map)







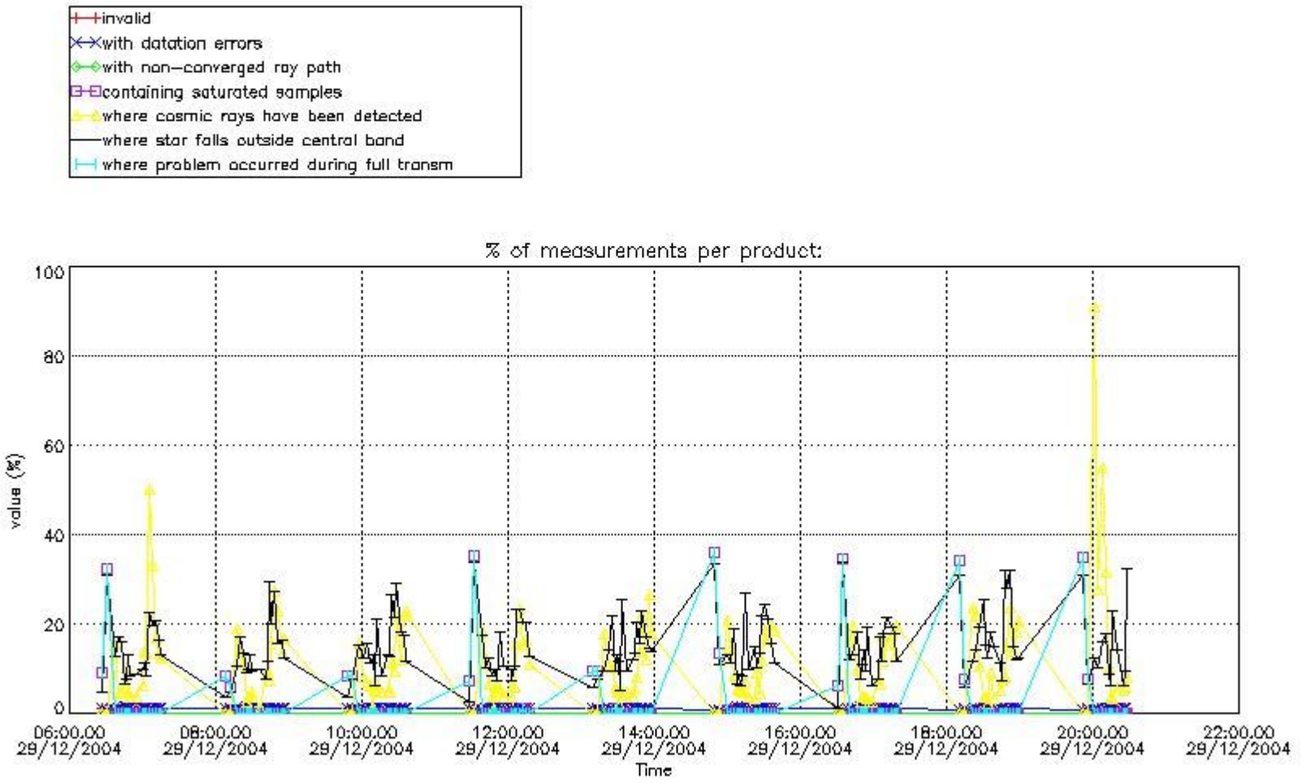


4. Level 1 quality information per product

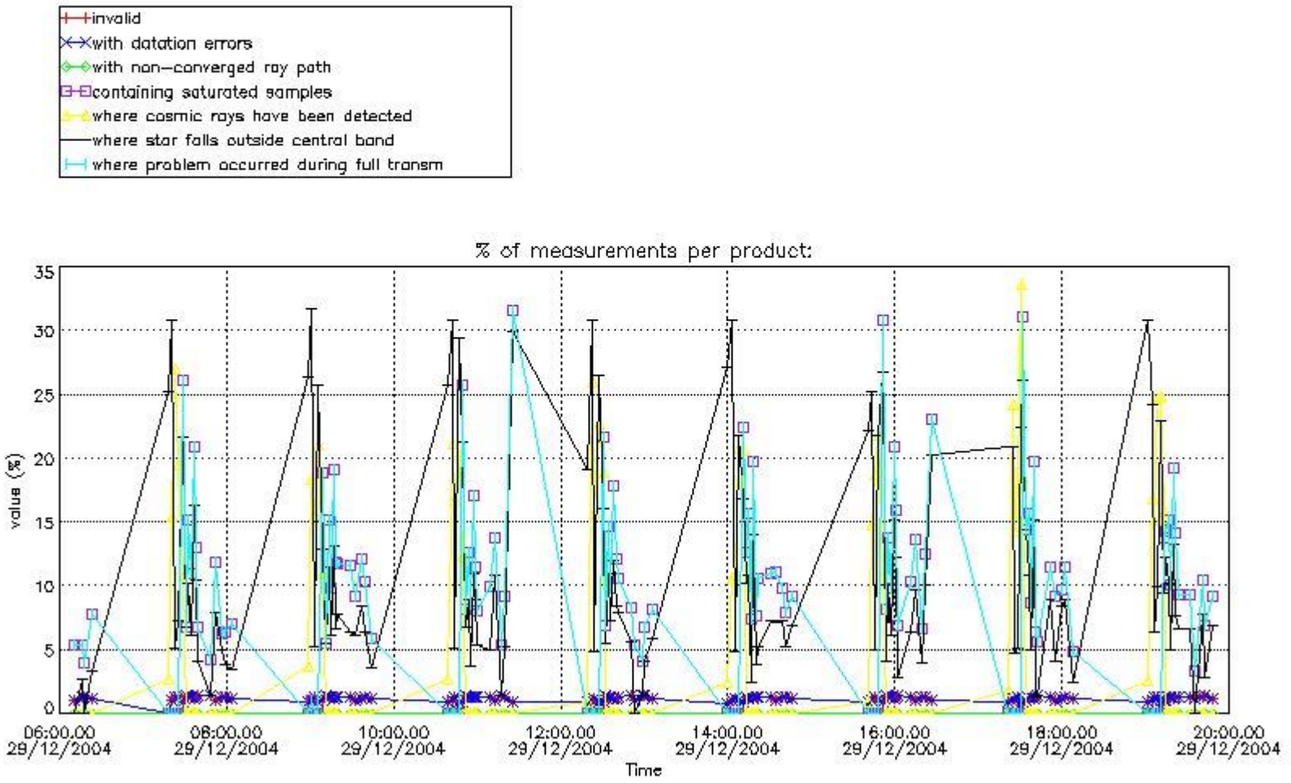
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processsing. Products without errors (error flag in the MPH set to "0") are used.

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

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

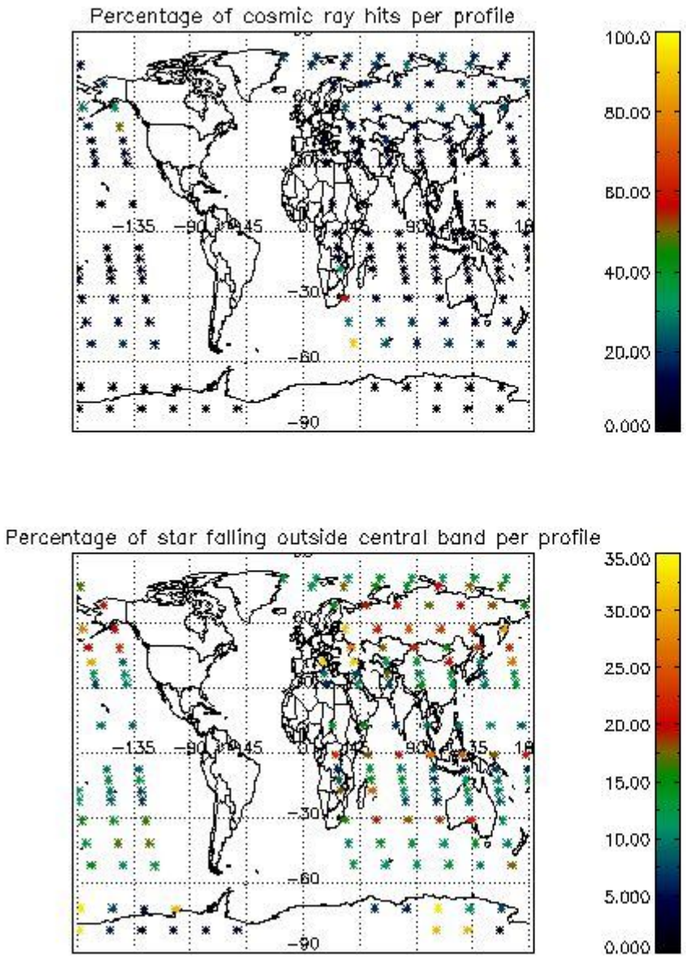


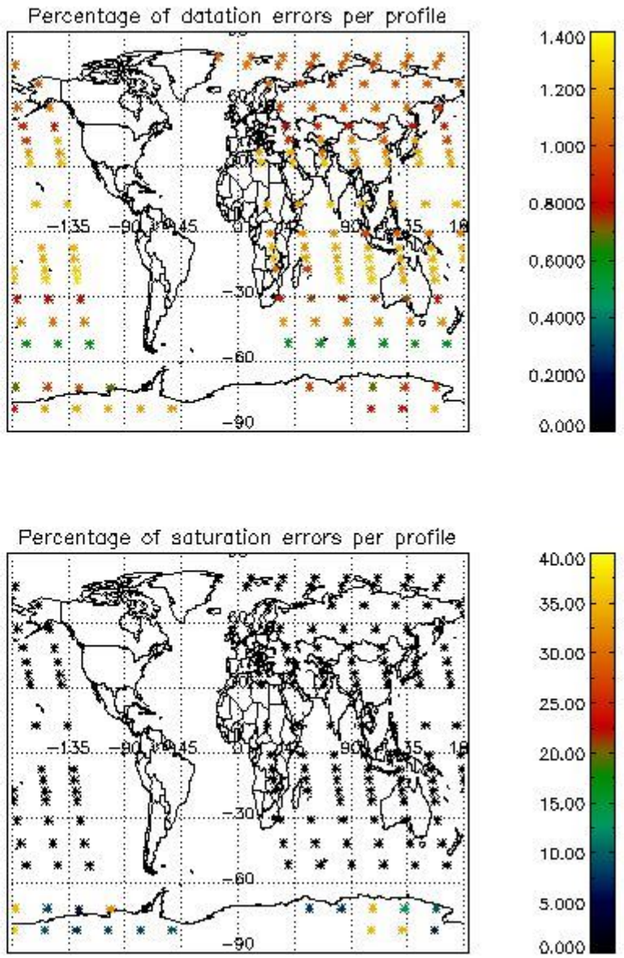
4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



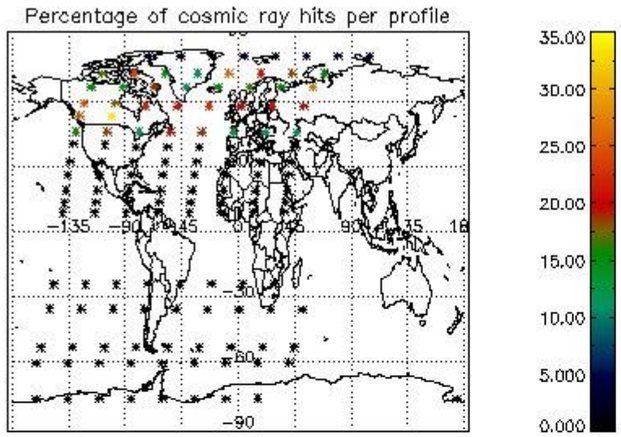
4.2 Plot quality information per product comming from level 1b processing (world map)

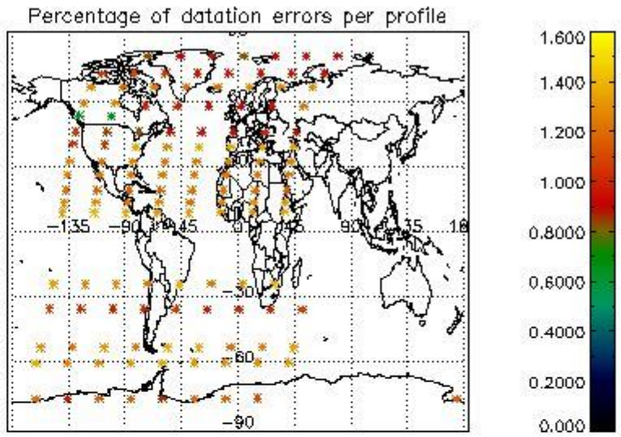
4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes

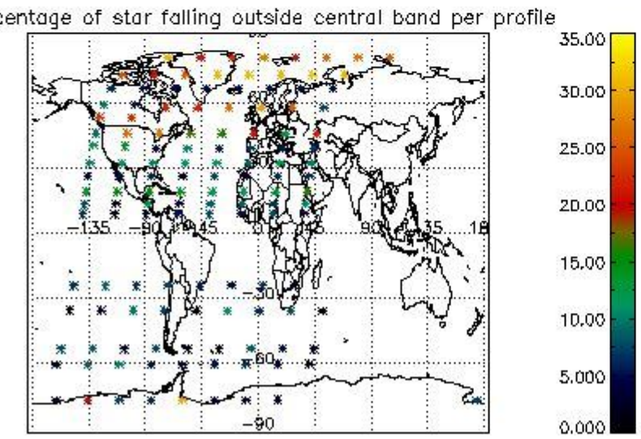


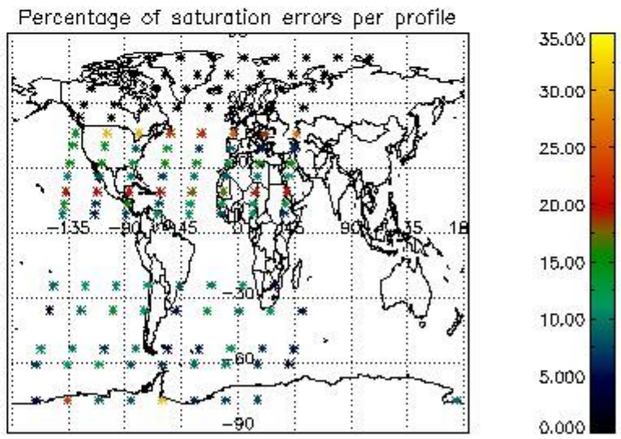


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes









5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

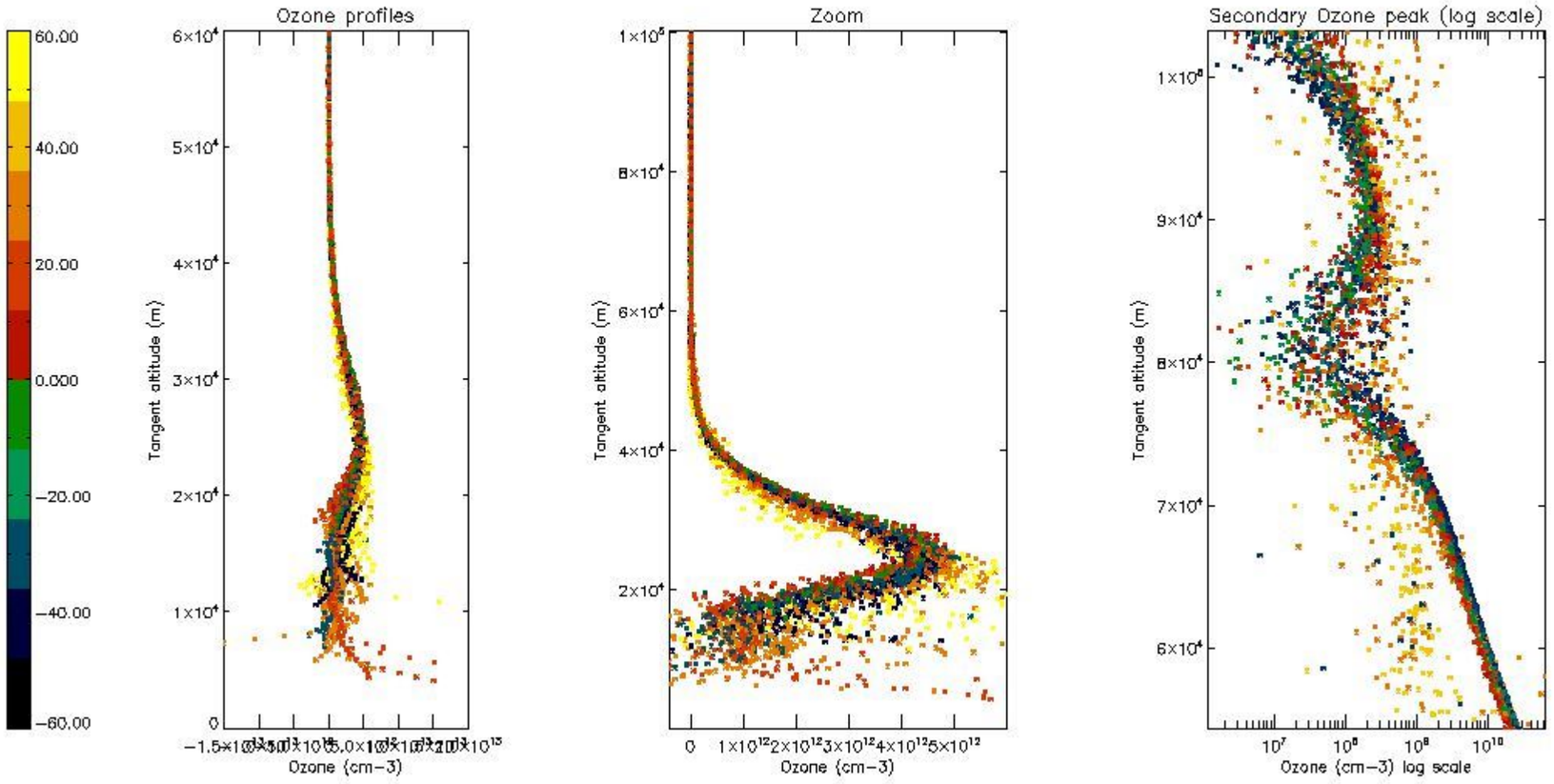
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	35
STD < 20	20

STD < 10	16
STD < 5	11

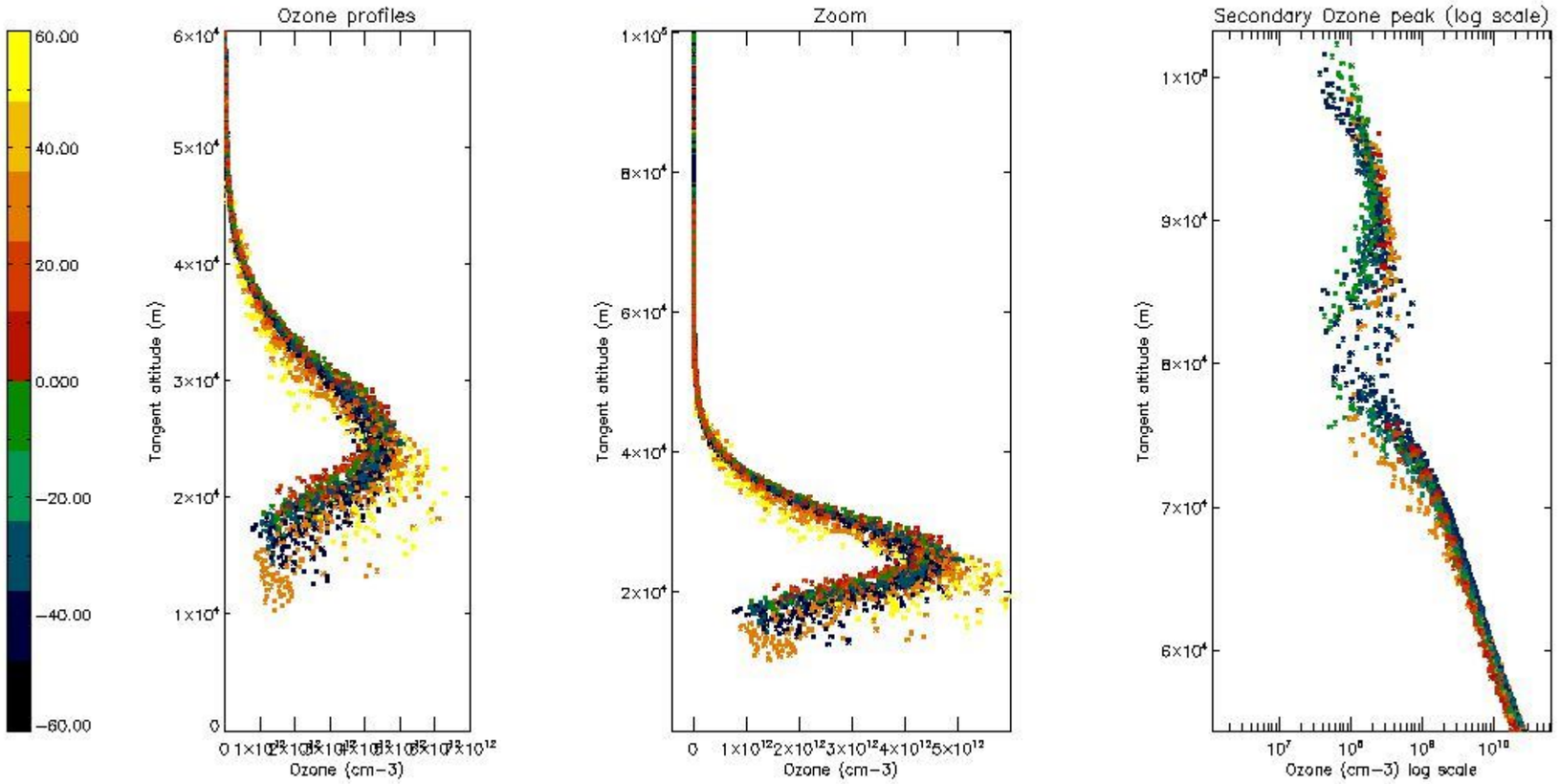
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



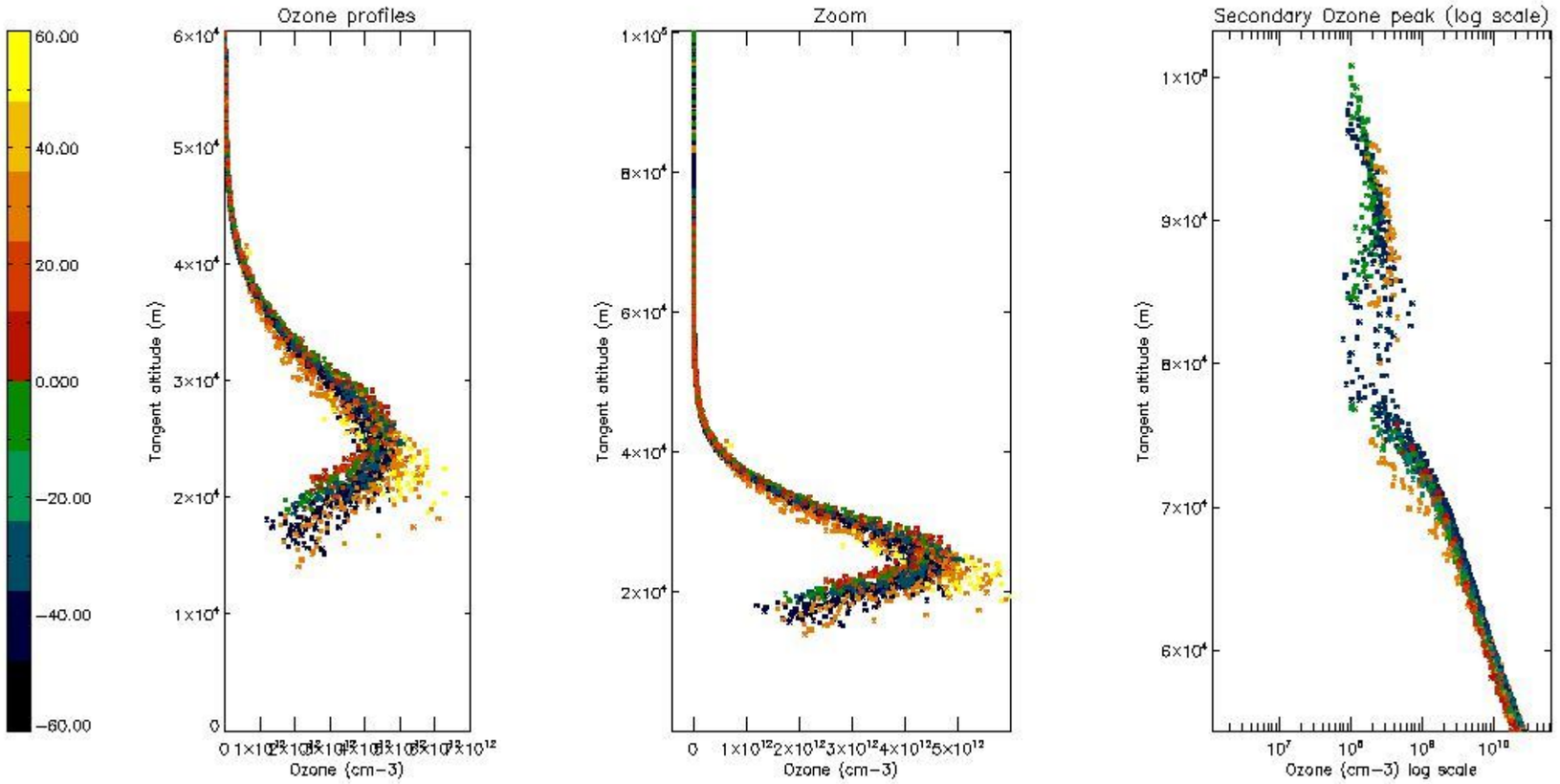
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



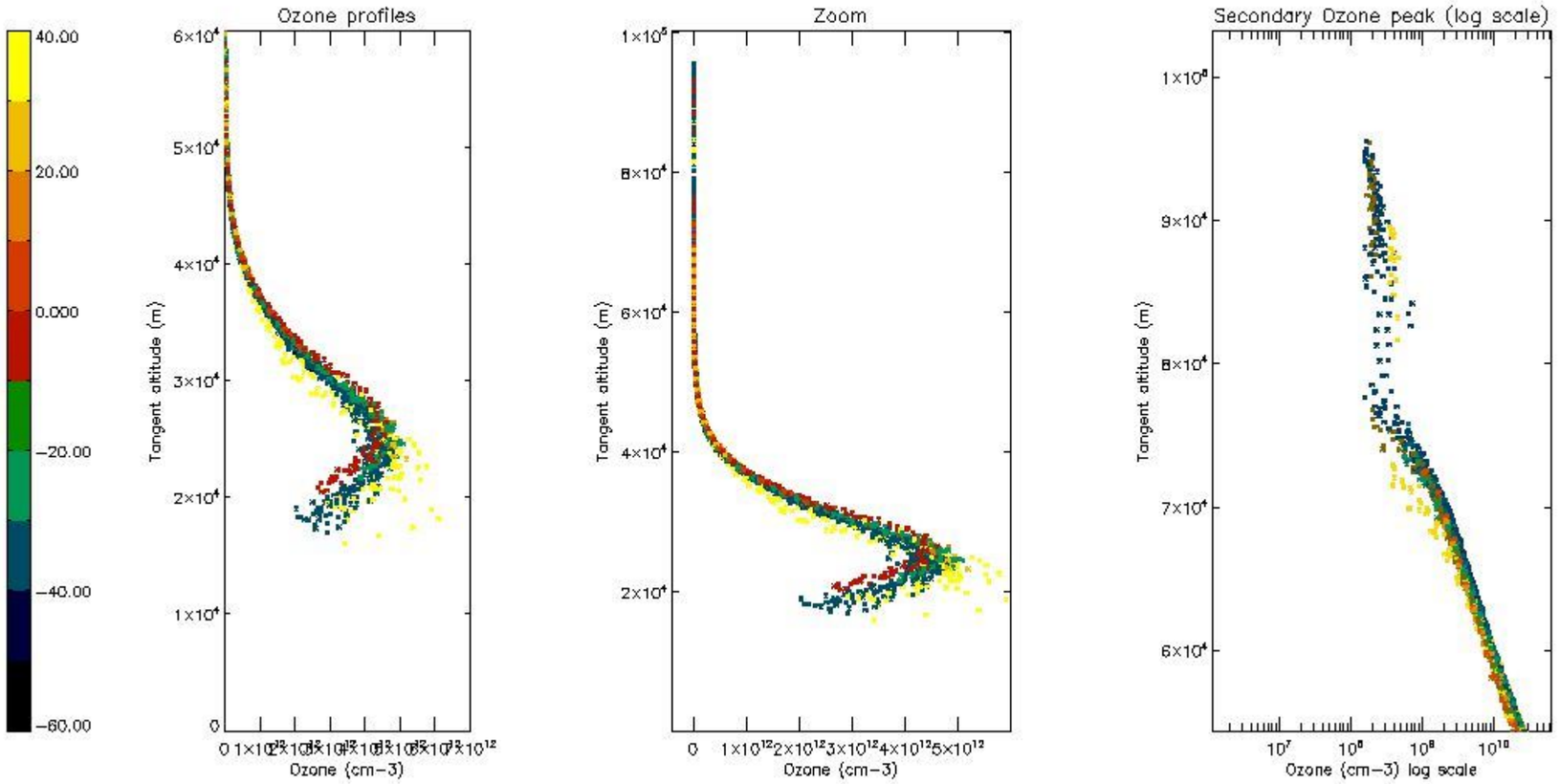
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



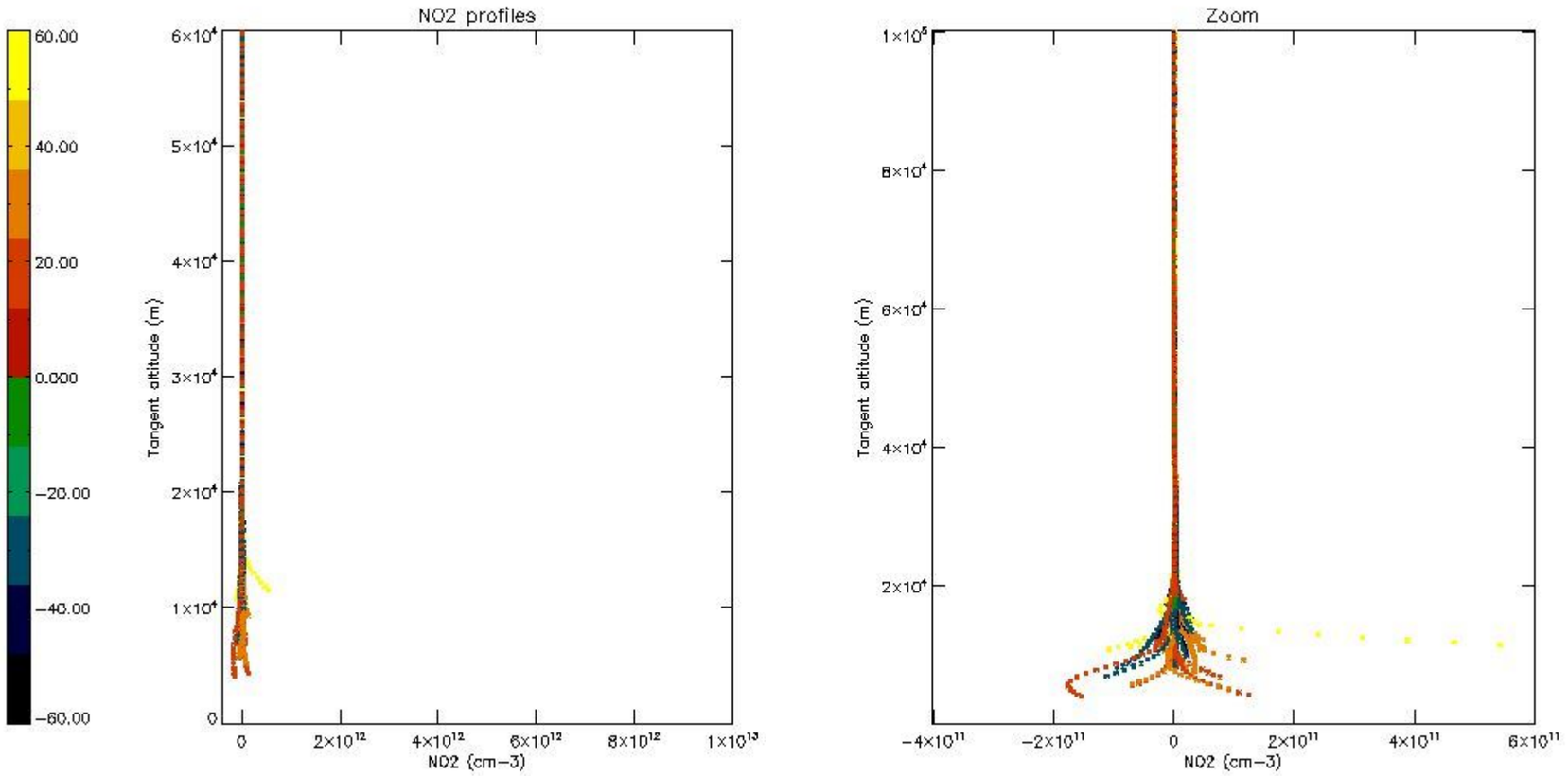
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



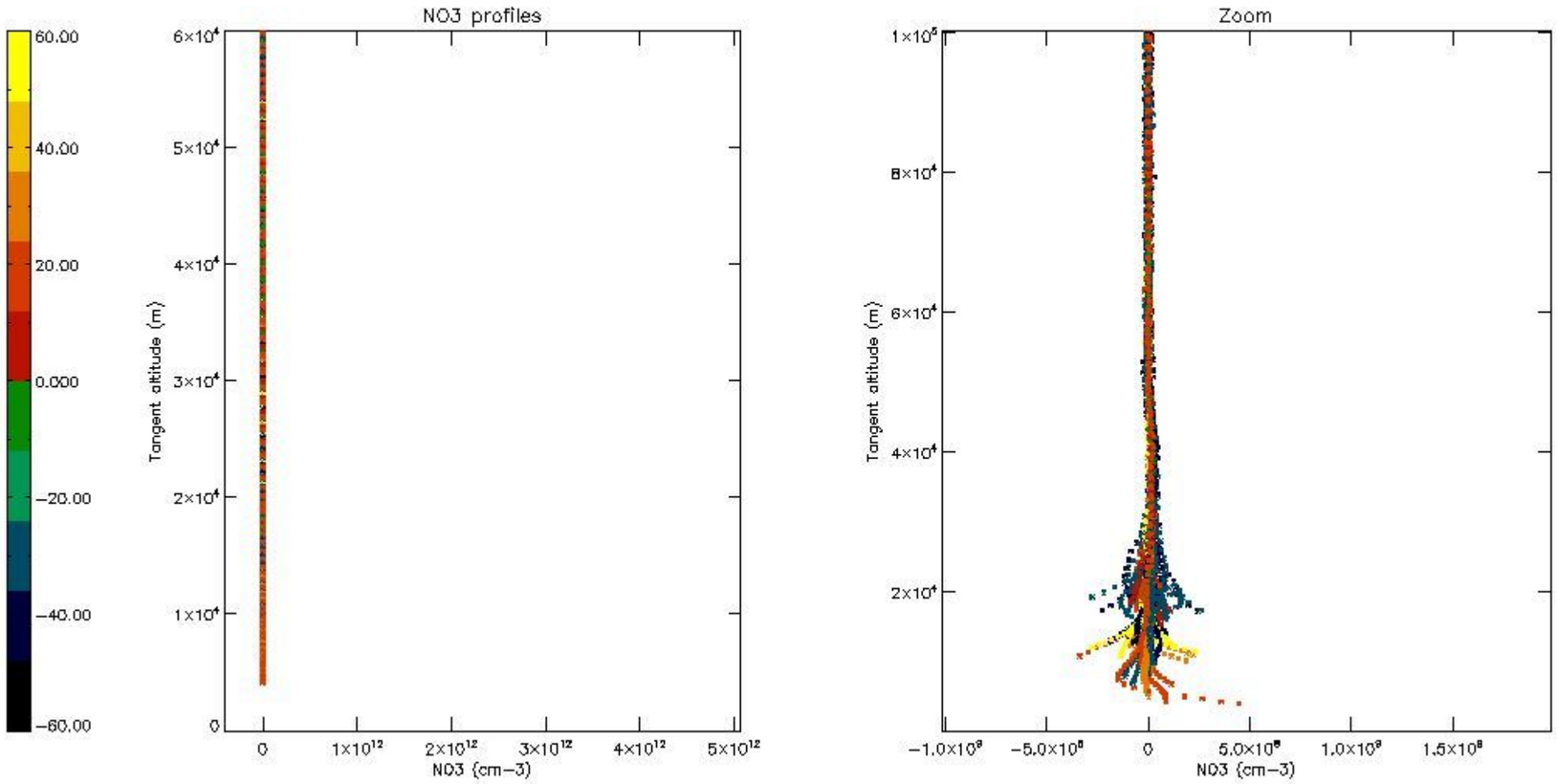
5.6 Plot NO2 profiles for all STD (dark without errors)

The colorbar represents the latitude.



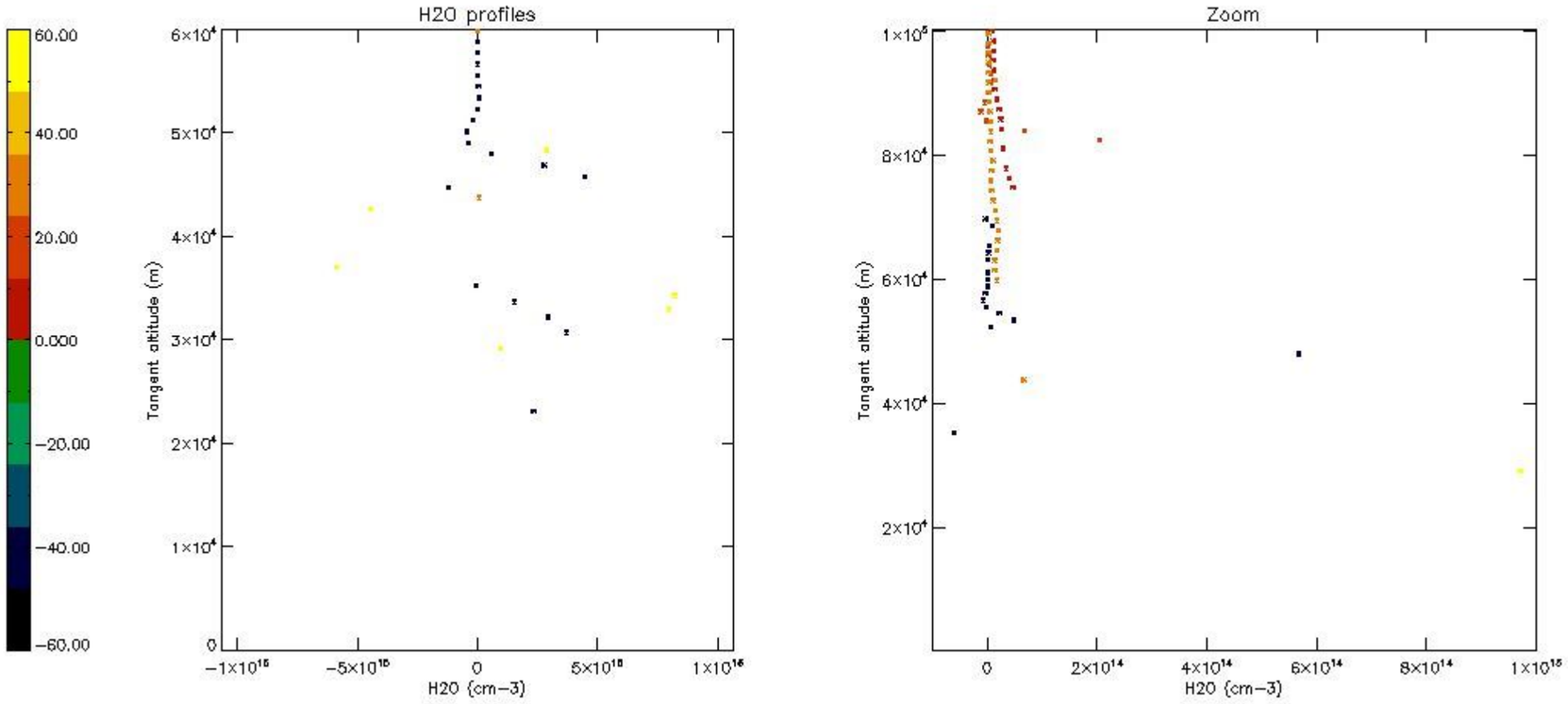
5.7 Plot NO3 profiles for all STD (dark without errors)

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	29-DEC-2004 06:11:01
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	29-DEC-2004 06:11:01
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	29-DEC-2004 06:11:01

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	22APR2013 11:04:15
Data source version	GOMOS/6.01
Start time of products	29-12-2004 (29DEC2004 00:00:00)
Stop time of products	30-12-2004 (30DEC2004 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	296
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__2PRFIN20041229_061101_000000472033_00220_14803_7459.N1	29-DEC-2004 06:11:01	Bright	47.000	36	50Alp UMa	1.8000	6300.0	94	14803	No
2	GOM_NL__2PRFIN20041229_061601_000000382033_00220_14803_7460.N1	29-DEC-2004 06:16:01	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	14803	No
3	GOM_NL__2PRFIN20041229_061801_000000382033_00220_14803_7461.N1	29-DEC-2004 06:18:01	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	14803	No
4	GOM_NL__2PRFIN20041229_062311_000000452033_00220_14803_7462.N1	29-DEC-2004 06:23:11	Bright	45.000	180	27Gam Boo	3.0400	8000.0	90	14803	No
5	GOM_NL__2PRFIN20041229_062649_000000442033_00220_14803_7463.N1	29-DEC-2004 06:26:49	Bright	43.500	83		2.3780	11000.	87	14803	No
6	GOM_NL__2PRFIN20041229_063048_000000732033_00220_14803_7464.N1	29-DEC-2004 06:30:48	Bright	73.000	111	8Eta Boo	2.6800	6000.0	146	14803	No
7	GOM_NL__2PRFIN20041229_063641_000000862033_00220_14803_7465.N1	29-DEC-2004 06:36:41	Twi_and_stray	85.500	138	47Eps Vir	2.8280	4700.0	171	14803	No
8	GOM_NL__2PRFIN20041229_063936_000000472033_00220_14803_7466.N1	29-DEC-2004 06:39:36	Twi_and_stray	46.500	122	9Alp2Lib	2.7470	9700.0	93	14803	No
9	GOM_NL__2PRFIN20041229_064234_000000652033_00220_14803_7467.N1	29-DEC-2004 06:42:34	Dark	65.000	15	67Alp Vir	0.97600	28000.	130	14803	No
10	GOM_NL__2PRFIN20041229_064509_000000382033_00220_14803_7468.N1	29-DEC-2004 06:45:09	Twilight	38.000	131	Gam Lup	2.8000	26000.	76	14803	No
11	GOM_NL__2PRFIN20041229_064624_000000392033_00220_14803_7469.N1	29-DEC-2004 06:46:24	Dark	39.000	109	Bet Lup	2.6770	26000.	78	14803	No
12	GOM_NL__2PRFIN20041229_064751_000000422033_00220_14803_7470.N1	29-DEC-2004 06:47:51	Dark	42.000	78	Alp Lup	2.3040	28000.	84	14803	No
13	GOM_NL__2PRFIN20041229_064914_000000412033_00220_14803_7471.N1	29-DEC-2004 06:49:14	Dark	41.000	95	Zet Cen	2.5450	26000.	82	14803	No
14	GOM_NL__2PRFIN20041229_065450_000000412033_00221_14804_7459.N1	29-DEC-2004 06:54:50	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	14804	No
15	GOM_NL__2PRFIN20041229_070012_000000412033_00221_14804_7460.N1	29-DEC-2004 07:00:12	Dark	40.500	29	Bet Car	1.6720	10200.	81	14804	No
16	GOM_NL__2PRFIN20041229_070129_000000442033_00221_14804_7461.N1	29-DEC-2004 07:01:29	Dark	44.000	71	Iot Car	2.2460	7700.0	88	14804	No
17	GOM_NL__2PRFIN20041229_070308_000000412033_00221_14804_7462.N1	29-DEC-2004 07:03:08	Dark	41.000	41	Eps Car	1.8600	4100.0	82	14804	No
18	GOM_NL__2PRFIN20041229_070457_000000602033_00221_14804_7463.N1	29-DEC-2004 07:04:57	Dark	60.000	65	Lam Vel	2.2040	4400.0	120	14804	No
19	GOM_NL__2PRFIN20041229_070727_000000462033_00221_14804_7464.N1	29-DEC-2004 07:07:27	Dark	45.500	2	Alp Car	-0.73600	7000.0	91	14804	No
20	GOM_NL__2PRFIN20041229_071038_000000512033_00221_14804_7465.N1	29-DEC-2004 07:10:38	Dark	51.000	117	Pi Pup	2.7060	3800.0	102	14804	No
21	GOM_NL__2PRFIN20041229_071330_000000492033_00221_14804_7466.N1	29-DEC-2004 07:13:30	Straylight	48.500	23	21Eps CMa	1.5020	26000.	97	14804	No
22	GOM_NL__2PRFIN20041229_071504_000000492033_00221_14804_7467.N1	29-DEC-2004 07:15:04	Straylight	49.000	179	24Omi2CMa	3.0320	24000.	98	14804	No
23	GOM_NL__2PRFIN20041229_071736_000000562033_00221_14804_7468.N1	29-DEC-2004 07:17:36	Straylight	55.500	1	9Alp CMa	-1.4400	11000.	111	14804	No
24	GOM_NL__2PRFIN20041229_072044_000000522033_00221_14804_7469.N1	29-DEC-2004 07:20:44	Straylight	52.000	7	19Bet Ori	0.10000	14000.	104	14804	No
25	GOM_NL__2PRFIN20041229_072238_000000392033_00221_14804_7470.N1	29-DEC-2004 07:22:38	Straylight	39.000	30	46Eps Ori	1.6940	30000.	78	14804	No
26	GOM_NL__2PRFIN20041229_072514_000000412033_00221_14804_7471.N1	29-DEC-2004 07:25:14	Twi_and_stray	41.000	14	58Alp Ori	0.87000	3000.0	82	14804	No
27	GOM_NL__2PRFIN20041229_072841_000000562033_00221_14804_7472.N1	29-DEC-2004 07:28:41	Bright	55.500	44	24Gam Gem	1.9280	11000.	111	14804	No
28	GOM_NL__2PRFIN20041229_073035_000000372033_00221_14804_7473.N1	29-DEC-2004 07:30:35	Bright	37.000	146	25Eta Tau	2.8730	15200.	74	14804	No
29	GOM_NL__2PRFIN20041229_073231_000000402033_00221_14804_7474.N1	29-DEC-2004 07:32:31	Bright	39.500	114	3Iot Aur	2.6930	4600.0	79	14804	No
30	GOM_NL__2PRFIN20041229_073415_000000412033_00221_14804_7475.N1	29-DEC-2004 07:34:15	Bright	41.000	107	37The Aur	2.6490	11000.	82	14804	No
31	GOM_NL__2PRFIN20041229_073615_000000432033_00221_14804_7476.N1	29-DEC-2004 07:36:15	Bright	43.000	6	13Alp Aur	0.080000	3400.0	86	14804	No
32	GOM_NL__2PRFIN20041229_073749_000000392033_00221_14804_7477.N1	29-DEC-2004 07:37:49	Bright	38.500	35	33Alp Per	1.7950	6250.0	77	14804	No
33	GOM_NL__2PRFIN20041229_073905_000000372033_00221_14804_7478.N1	29-DEC-2004 07:39:05	Bright	37.000	160	23Gam Per	2.9300	4700.0	74	14804	No
34	GOM_NL__2PRFIN20041229_074821_000000362033_00221_14804_7479.N1	29-DEC-2004 07:48:21	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	14804	No
35	GOM_NL__2PRFIN20041229_075137_000000512033_00221_14804_7480.N1	29-DEC-2004 07:51:37	Bright	50.500	36	50Alp UMa	1.8000	6300.0	101	14804	No
36	GOM_NL__2PRFIN20041229_075635_000000402033_00221_14804_7481.N1	29-DEC-2004 07:56:35	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	14804	No
37	GOM_NL__2PRFIN20041229_075837_000000392033_00221_14804_7482.N1	29-DEC-2004 07:58:37	Bright	39.000	130	23Bet Dra	2.7990	5800.0	78	14804	No
38	GOM_NL__2PRFIN20041229_080349_000000432033_00221_14804_7483.N1	29-DEC-2004 08:03:49	Bright	43.000	180	27Gam Boo	3.0400	8000.0	86	14804	No
39	GOM_NL__2PRFIN20041229_080725_000000432033_00221_14804_7484.N1	29-DEC-2004 08:07:25	Bright	42.500	83		2.3780	11000.	85	14804	No
40	GOM_NL__2PRFIN20041229_081125_000000522033_00221_14804_7485.N1	29-DEC-2004 08:11:25	Bright	51.500	111	8Eta Boo	2.6800	6000.0	103	14804	No
41	GOM_NL__2PRFIN20041229_081718_000000852033_00221_14804_7486.N1	29-DEC-2004 08:17:18	Twi_and_stray	84.500	138	47Eps Vir	2.8280	4700.0	169	14804	No
42	GOM_NL__2PRFIN20041229_082012_000000472033_00221_14804_7487.N1	29-DEC-2004 08:20:12	Twi_and_stray	47.000	122	9Alp2Lib	2.7470	9700.0	94	14804	No

43	GOM_NL__2PRFIN20041229_082312_000000632033_00221_14804_7488.N1	29-DEC-2004 08:23:12	Dark	62.500	15	67Alp Vir	0.97600	28000.	125	14804	No
44	GOM_NL__2PRFIN20041229_082545_000000392033_00221_14804_7489.N1	29-DEC-2004 08:25:45	Twilight	39.000	131	Gam Lup	2.8000	26000.	78	14804	No
45	GOM_NL__2PRFIN20041229_082700_000000412033_00221_14804_7490.N1	29-DEC-2004 08:27:00	Dark	40.500	109	Bet Lup	2.6770	26000.	81	14804	No
46	GOM_NL__2PRFIN20041229_082827_000000422033_00221_14804_7491.N1	29-DEC-2004 08:28:27	Dark	42.000	78	Alp Lup	2.3040	28000.	84	14804	No
47	GOM_NL__2PRFIN20041229_082950_000000422033_00221_14804_7492.N1	29-DEC-2004 08:29:50	Dark	42.000	95	Zet Cen	2.5450	26000.	84	14804	No
48	GOM_NL__2PRFIN20041229_083527_000000412033_00222_14805_7459.N1	29-DEC-2004 08:35:27	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	14805	No
49	GOM_NL__2PRFIN20041229_084049_000000402033_00222_14805_7460.N1	29-DEC-2004 08:40:49	Dark	39.500	29	Bet Car	1.6720	10200.	79	14805	No
50	GOM_NL__2PRFIN20041229_084207_000000442033_00222_14805_7461.N1	29-DEC-2004 08:42:07	Dark	43.500	71	Iot Car	2.2460	7700.0	87	14805	No
51	GOM_NL__2PRFIN20041229_084345_000000542033_00222_14805_7462.N1	29-DEC-2004 08:43:45	Dark	54.000	41	Eps Car	1.8600	4100.0	108	14805	No
52	GOM_NL__2PRFIN20041229_084534_000000572033_00222_14805_7463.N1	29-DEC-2004 08:45:34	Dark	57.000	65	Lam Vel	2.2040	4400.0	114	14805	No
53	GOM_NL__2PRFIN20041229_084804_000000502033_00222_14805_7464.N1	29-DEC-2004 08:48:04	Dark	49.500	2	Alp Car	-0.73600	7000.0	99	14805	No
54	GOM_NL__2PRFIN20041229_085114_000000482033_00222_14805_7465.N1	29-DEC-2004 08:51:14	Dark	48.000	117	Pi Pup	2.7060	3800.0	96	14805	No
55	GOM_NL__2PRFIN20041229_085406_000000492033_00222_14805_7466.N1	29-DEC-2004 08:54:06	Straylight	48.500	23	21Eps CMa	1.5020	26000.	97	14805	No
56	GOM_NL__2PRFIN20041229_085540_000000482033_00222_14805_7467.N1	29-DEC-2004 08:55:40	Straylight	48.000	179	24Omi2CMa	3.0320	24000.	96	14805	No
57	GOM_NL__2PRFIN20041229_085812_000000552033_00222_14805_7468.N1	29-DEC-2004 08:58:12	Straylight	55.000	1	9Alp CMa	-1.4400	11000.	110	14805	No
58	GOM_NL__2PRFIN20041229_090120_000000522033_00222_14805_7469.N1	29-DEC-2004 09:01:20	Straylight	52.000	7	19Bet Ori	0.10000	14000.	104	14805	No
59	GOM_NL__2PRFIN20041229_090314_000000392033_00222_14805_7470.N1	29-DEC-2004 09:03:14	Straylight	38.500	30	46Eps Ori	1.6940	30000.	77	14805	No
60	GOM_NL__2PRFIN20041229_090550_000000532033_00222_14805_7471.N1	29-DEC-2004 09:05:50	Twi_and_stray	52.500	14	58Alp Ori	0.87000	3000.0	105	14805	No
61	GOM_NL__2PRFIN20041229_090916_000000512033_00222_14805_7472.N1	29-DEC-2004 09:09:16	Bright	50.500	44	24Gam Gem	1.9280	11000.	101	14805	No
62	GOM_NL__2PRFIN20041229_091111_000000372033_00222_14805_7473.N1	29-DEC-2004 09:11:11	Bright	36.500	146	25Eta Tau	2.8730	15200.	73	14805	No
63	GOM_NL__2PRFIN20041229_091307_000000402033_00222_14805_7474.N1	29-DEC-2004 09:13:07	Bright	39.500	114	3Iot Aur	2.6930	4600.0	79	14805	No
64	GOM_NL__2PRFIN20041229_091451_000000412033_00222_14805_7475.N1	29-DEC-2004 09:14:51	Bright	41.000	107	37The Aur	2.6490	11000.	82	14805	No
65	GOM_NL__2PRFIN20041229_091651_000000422033_00222_14805_7476.N1	29-DEC-2004 09:16:51	Bright	42.000	6	13Alp Aur	0.080000	3400.0	84	14805	No
66	GOM_NL__2PRFIN20041229_091825_000000382033_00222_14805_7477.N1	29-DEC-2004 09:18:25	Bright	38.000	35	33Alp Per	1.7950	6250.0	76	14805	No
67	GOM_NL__2PRFIN20041229_091941_000000392033_00222_14805_7478.N1	29-DEC-2004 09:19:41	Bright	38.500	160	23Gam Per	2.9300	4700.0	77	14805	No
68	GOM_NL__2PRFIN20041229_092856_000000392033_00222_14805_7479.N1	29-DEC-2004 09:28:56	Bright	39.000	49	1Alp UMi	1.9900	6300.0	78	14805	No
69	GOM_NL__2PRFIN20041229_093212_000000492033_00222_14805_7480.N1	29-DEC-2004 09:32:12	Bright	49.000	36	50Alp UMa	1.8000	6300.0	98	14805	No
70	GOM_NL__2PRFIN20041229_093711_000000422033_00222_14805_7481.N1	29-DEC-2004 09:37:11	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	14805	No
71	GOM_NL__2PRFIN20041229_093915_000000392033_00222_14805_7482.N1	29-DEC-2004 09:39:15	Bright	39.000	130	23Bet Dra	2.7990	5800.0	78	14805	No
72	GOM_NL__2PRFIN20041229_094425_000000432033_00222_14805_7483.N1	29-DEC-2004 09:44:25	Bright	42.500	180	27Gam Boo	3.0400	8000.0	85	14805	No
73	GOM_NL__2PRFIN20041229_094802_000000422033_00222_14805_7484.N1	29-DEC-2004 09:48:02	Bright	42.000	83		2.3780	11000.	84	14805	No
74	GOM_NL__2PRFIN20041229_095202_000000532033_00222_14805_7485.N1	29-DEC-2004 09:52:02	Bright	53.000	111	8Eta Boo	2.6800	6000.0	106	14805	No
75	GOM_NL__2PRFIN20041229_095756_000000892033_00222_14805_7486.N1	29-DEC-2004 09:57:56	Twi_and_stray	89.000	138	47Eps Vir	2.8280	4700.0	178	14805	No
76	GOM_NL__2PRFIN20041229_100048_000000452033_00222_14805_7487.N1	29-DEC-2004 10:00:48	Twi_and_stray	44.500	122	9Alp2Lib	2.7470	9700.0	89	14805	No
77	GOM_NL__2PRFIN20041229_100350_000000642033_00222_14805_7488.N1	29-DEC-2004 10:03:50	Dark	64.000	15	67Alp Vir	0.97600	28000.	128	14805	No
78	GOM_NL__2PRFIN20041229_100621_000000412033_00222_14805_7489.N1	29-DEC-2004 10:06:21	Twilight	40.500	131	Gam Lup	2.8000	26000.	81	14805	No
79	GOM_NL__2PRFIN20041229_100736_000000412033_00222_14805_7490.N1	29-DEC-2004 10:07:36	Dark	40.500	109	Bet Lup	2.6770	26000.	81	14805	No
80	GOM_NL__2PRFIN20041229_100904_000000422033_00222_14805_7491.N1	29-DEC-2004 10:09:04	Dark	41.500	78	Alp Lup	2.3040	28000.	83	14805	No
81	GOM_NL__2PRFIN20041229_101027_000000412033_00222_14805_7492.N1	29-DEC-2004 10:10:27	Dark	40.500	95	Zet Cen	2.5450	26000.	81	14805	No
82	GOM_NL__2PRFIN20041229_101219_000000452033_00222_14805_7493.N1	29-DEC-2004 10:12:19	Dark	45.000	4	Alp1Cen	-0.010000	5800.0	90	14805	No
83	GOM_NL__2PRFIN20041229_101603_000000412033_00223_14806_7510.N1	29-DEC-2004 10:16:03	Dark	41.000	12	Alp1Cru	0.77500	30000.	82	14806	No
84	GOM_NL__2PRFIN20041229_102125_000000422033_00223_14806_7511.N1	29-DEC-2004 10:21:25	Dark	41.500	29	Bet Car	1.6720	10200.	83	14806	No
85	GOM_NL__2PRFIN20041229_102243_000000442033_00223_14806_7512.N1	29-DEC-2004 10:22:43	Dark	43.500	71	Iot Car	2.2460	7700.0	87	14806	No
86	GOM_NL__2PRFIN20041229_102421_000000532033_00223_14806_7513.N1	29-DEC-2004 10:24:21	Dark	52.500	41	Eps Car	1.8600	4100.0	105	14806	No
87	GOM_NL__2PRFIN20041229_102610_000000592033_00223_14806_7514.N1	29-DEC-2004 10:26:10	Dark	58.500	65	Lam Vel	2.2040	4400.0	117	14806	No
88	GOM_NL__2PRFIN20041229_102839_000000532033_00223_14806_7515.N1	29-DEC-2004 10:28:39	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	14806	No
89	GOM_NL__2PRFIN20041229_103150_000000502033_00223_14806_7516.N1	29-DEC-2004 10:31:50	Dark	50.000	117	Pi Pup	2.7060	3800.0	100	14806	No
90	GOM_NL__2PRFIN20041229_103442_000000492033_00223_14806_7517.N1	29-DEC-2004 10:34:42	Straylight	48.500	23	21Eps CMa	1.5020	26000.	97	14806	No
91	GOM_NL__2PRFIN20041229_103615_000000482033_00223_14806_7518.N1	29-DEC-2004 10:36:15	Straylight	48.000	179	24Omi2CMa	3.0320	24000.	96	14806	No
92	GOM_NL__2PRFIN20041229_103848_000000572033_00223_14806_7519.N1	29-DEC-2004 10:38:48	Straylight	56.500	1	9Alp CMa	-1.4400	11000.	113	14806	No
93	GOM_NL__2PRFIN20041229_104156_000000522033_00223_14806_7520.N1	29-DEC-2004 10:41:56	Straylight	52.000	7	19Bet Ori	0.10000	14000.	104	14806	No
94	GOM_NL__2PRFIN20041229_104350_000000392033_00223_14806_7521.N1	29-DEC-2004 10:43:50	Straylight	39.000	30	46Eps Ori	1.6940	30000.	78	14806	No
95	GOM_NL__2PRFIN20041229_104625_000000552033_00223_14806_7522.N1	29-DEC-2004 10:46:25	Twi_and_stray	54.500	14	58Alp Ori	0.87000	3000.0	109	14806	No
96	GOM_NL__2PRFIN20041229_104951_000000572033_00223_14806_7523.N1	29-DEC-2004 10:49:51	Bright	56.500	44	24Gam Gem	1.9280	11000.	113	14806	No
97	GOM_NL__2PRFIN20041229_105147_000000372033_00223_14806_7524.N1	29-DEC-2004 10:51:47	Bright	37.000	146	25Eta Tau	2.8730	15200.	74	14806	No
98	GOM_NL__2PRFIN20041229_105342_000000402033_00223_14806_7525.N1	29-DEC-2004 10:53:42	Bright	39.500	114	3Iot Aur	2.6930	4600.0	79	14806	No
99	GOM_NL__2PRFIN20041229_105526_000000412033_00223_14806_7526.N1	29-DEC-2004 10:55:26	Bright	41.000	107	37The Aur	2.6490	11000.	82	14806	No
100	GOM_NL__2PRFIN20041229_105726_000000412033_00223_14806_7527.N1	29-DEC-2004 10:57:26	Bright	41.000	6	13Alp Aur	0.080000	3400.0	82	14806	No
101	GOM_NL__2PRFIN20041229_105900_000000402033_00223_14806_7528.N1	29-DEC-2004 10:59:00	Bright	39.500	35	33Alp Per	1.7950	6250.0	79	14806	No

102	GOM_NL__2PRFIN20041229_110017_000000382033_00223_14806_7529.N1	29-DEC-2004 11:00:17	Bright	37.500	160	23Gam Per	2.9300	4700.0	75	14806	No
103	GOM_NL__2PRFIN20041229_110930_000000412033_00223_14806_7530.N1	29-DEC-2004 11:09:30	Bright	40.500	49	1Alp UMi	1.9900	6300.0	81	14806	No
104	GOM_NL__2PRFIN20041229_111248_000000512033_00223_14806_7531.N1	29-DEC-2004 11:12:48	Bright	51.000	36	50Alp UMa	1.8000	6300.0	102	14806	No
105	GOM_NL__2PRFIN20041229_111749_000000372033_00223_14806_7532.N1	29-DEC-2004 11:17:49	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	14806	No
106	GOM_NL__2PRFIN20041229_111951_000000382033_00223_14806_7533.N1	29-DEC-2004 11:19:51	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	14806	No
107	GOM_NL__2PRFIN20041229_112501_000000592033_00223_14806_7534.N1	29-DEC-2004 11:25:01	Bright	58.500	180	27Gam Boo	3.0400	8000.0	117	14806	No
108	GOM_NL__2PRFIN20041229_112837_000000422033_00223_14806_7535.N1	29-DEC-2004 11:28:37	Bright	41.500	83		2.3780	11000.	83	14806	No
109	GOM_NL__2PRFIN20041229_113238_000000742033_00223_14806_7536.N1	29-DEC-2004 11:32:38	Bright	74.000	111	8Eta Boo	2.6800	6000.0	148	14806	No
110	GOM_NL__2PRFIN20041229_113834_000000912033_00223_14806_7537.N1	29-DEC-2004 11:38:34	Twi_and_stray	91.000	138	47Eps Vir	2.8280	4700.0	182	14806	No
111	GOM_NL__2PRFIN20041229_114124_000000442033_00223_14806_7538.N1	29-DEC-2004 11:41:24	Twi_and_stray	44.000	122	9Alp2Lib	2.7470	9700.0	88	14806	No
112	GOM_NL__2PRFIN20041229_114427_000000622033_00223_14806_7539.N1	29-DEC-2004 11:44:27	Dark	61.500	15	67Alp Vir	0.97600	28000.	123	14806	No
113	GOM_NL__2PRFIN20041229_114655_000000422033_00223_14806_7540.N1	29-DEC-2004 11:46:55	Twilight	41.500	131	Gam Lup	2.8000	26000.	83	14806	No
114	GOM_NL__2PRFIN20041229_114812_000000412033_00223_14806_7541.N1	29-DEC-2004 11:48:12	Dark	40.500	109	Bet Lup	2.6770	26000.	81	14806	No
115	GOM_NL__2PRFIN20041229_114939_000000412033_00223_14806_7542.N1	29-DEC-2004 11:49:39	Dark	41.000	78	Alp Lup	2.3040	28000.	82	14806	No
116	GOM_NL__2PRFIN20041229_115103_000000412033_00223_14806_7543.N1	29-DEC-2004 11:51:03	Dark	41.000	95	Zet Cen	2.5450	26000.	82	14806	No
117	GOM_NL__2PRFIN20041229_115253_000000472033_00223_14806_7544.N1	29-DEC-2004 11:52:53	Dark	47.000	4	Alp1Cen	-0.010000	5800.0	94	14806	No
118	GOM_NL__2PRFIN20041229_115639_000000432033_00224_14807_7511.N1	29-DEC-2004 11:56:39	Dark	42.500	12	Alp1Cru	0.77500	30000.	85	14807	No
119	GOM_NL__2PRFIN20041229_120201_000000412033_00224_14807_7512.N1	29-DEC-2004 12:02:01	Dark	40.500	29	Bet Car	1.6720	10200.	81	14807	No
120	GOM_NL__2PRFIN20041229_120319_000000422033_00224_14807_7513.N1	29-DEC-2004 12:03:19	Dark	42.000	71	Iot Car	2.2460	7700.0	84	14807	No
121	GOM_NL__2PRFIN20041229_120456_000000432033_00224_14807_7514.N1	29-DEC-2004 12:04:56	Dark	43.000	41	Eps Car	1.8600	4100.0	86	14807	No
122	GOM_NL__2PRFIN20041229_120647_000000612033_00224_14807_7515.N1	29-DEC-2004 12:06:47	Dark	60.500	65	Lam Vel	2.2040	4400.0	121	14807	No
123	GOM_NL__2PRFIN20041229_120916_000000482033_00224_14807_7516.N1	29-DEC-2004 12:09:16	Dark	47.500	2	Alp Car	-0.73600	7000.0	95	14807	No
124	GOM_NL__2PRFIN20041229_121226_000000522033_00224_14807_7517.N1	29-DEC-2004 12:12:26	Dark	52.000	117	Pi Pup	2.7060	3800.0	104	14807	No
125	GOM_NL__2PRFIN20041229_121517_000000522033_00224_14807_7518.N1	29-DEC-2004 12:15:17	Straylight	52.000	23	21Eps CMa	1.5020	26000.	104	14807	No
126	GOM_NL__2PRFIN20041229_121650_000000512033_00224_14807_7519.N1	29-DEC-2004 12:16:50	Straylight	50.500	179	24Omi2CMa	3.0320	24000.	101	14807	No
127	GOM_NL__2PRFIN20041229_121921_000000552033_00224_14807_7520.N1	29-DEC-2004 12:19:21	Straylight	55.000	1	9Alp CMa	-1.4400	11000.	110	14807	No
128	GOM_NL__2PRFIN20041229_122232_000000522033_00224_14807_7521.N1	29-DEC-2004 12:22:32	Straylight	52.000	7	19Bet Ori	0.10000	14000.	104	14807	No
129	GOM_NL__2PRFIN20041229_122423_000000422033_00224_14807_7522.N1	29-DEC-2004 12:24:23	Straylight	41.500	30	46Eps Ori	1.6940	30000.	83	14807	No
130	GOM_NL__2PRFIN20041229_122701_000000532033_00224_14807_7523.N1	29-DEC-2004 12:27:01	Twi_and_stray	53.000	14	58Alp Ori	0.87000	3000.0	106	14807	No
131	GOM_NL__2PRFIN20041229_123027_000000532033_00224_14807_7524.N1	29-DEC-2004 12:30:27	Bright	53.000	44	24Gam Gem	1.9280	11000.	106	14807	No
132	GOM_NL__2PRFIN20041229_123223_000000372033_00224_14807_7525.N1	29-DEC-2004 12:32:23	Bright	36.500	146	25Eta Tau	2.8730	15200.	73	14807	No
133	GOM_NL__2PRFIN20041229_123417_000000412033_00224_14807_7526.N1	29-DEC-2004 12:34:17	Bright	41.000	114	3Iot Aur	2.6930	4600.0	82	14807	No
134	GOM_NL__2PRFIN20041229_123602_000000412033_00224_14807_7527.N1	29-DEC-2004 12:36:02	Bright	41.000	107	37The Aur	2.6490	11000.	82	14807	No
135	GOM_NL__2PRFIN20041229_123801_000000422033_00224_14807_7528.N1	29-DEC-2004 12:38:01	Bright	42.000	6	13Alp Aur	0.080000	3400.0	84	14807	No
136	GOM_NL__2PRFIN20041229_123935_000000422033_00224_14807_7529.N1	29-DEC-2004 12:39:35	Bright	41.500	35	33Alp Per	1.7950	6250.0	83	14807	No
137	GOM_NL__2PRFIN20041229_124054_000000382033_00224_14807_7530.N1	29-DEC-2004 12:40:54	Bright	38.000	160	23Gam Per	2.9300	4700.0	76	14807	No
138	GOM_NL__2PRFIN20041229_125010_000000362033_00224_14807_7531.N1	29-DEC-2004 12:50:10	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	14807	No
139	GOM_NL__2PRFIN20041229_125323_000000472033_00224_14807_7532.N1	29-DEC-2004 12:53:23	Bright	46.500	36	50Alp UMa	1.8000	6300.0	93	14807	No
140	GOM_NL__2PRFIN20041229_125826_000000372033_00224_14807_7533.N1	29-DEC-2004 12:58:26	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	14807	No
141	GOM_NL__2PRFIN20041229_130028_000000372033_00224_14807_7534.N1	29-DEC-2004 13:00:28	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	14807	No
142	GOM_NL__2PRFIN20041229_130537_000000432033_00224_14807_7535.N1	29-DEC-2004 13:05:37	Bright	43.000	180	27Gam Boo	3.0400	8000.0	86	14807	No
143	GOM_NL__2PRFIN20041229_130913_000000432033_00224_14807_7536.N1	29-DEC-2004 13:09:13	Bright	43.000	83		2.3780	11000.	86	14807	No
144	GOM_NL__2PRFIN20041229_131315_000000532033_00224_14807_7537.N1	29-DEC-2004 13:13:15	Bright	53.000	111	8Eta Boo	2.6800	6000.0	106	14807	No
145	GOM_NL__2PRFIN20041229_131911_000000842033_00224_14807_7538.N1	29-DEC-2004 13:19:11	Twi_and_stray	83.500	138	47Eps Vir	2.8280	4700.0	167	14807	No
146	GOM_NL__2PRFIN20041229_132200_000000462033_00224_14807_7539.N1	29-DEC-2004 13:22:00	Twi_and_stray	46.000	122	9Alp2Lib	2.7470	9700.0	92	14807	No
147	GOM_NL__2PRFIN20041229_132504_000000692033_00224_14807_7540.N1	29-DEC-2004 13:25:04	Dark	69.000	15	67Alp Vir	0.97600	28000.	138	14807	No
148	GOM_NL__2PRFIN20041229_132731_000000422033_00224_14807_7541.N1	29-DEC-2004 13:27:31	Twilight	42.000	131	Gam Lup	2.8000	26000.	84	14807	No
149	GOM_NL__2PRFIN20041229_132848_000000422033_00224_14807_7542.N1	29-DEC-2004 13:28:48	Dark	42.000	109	Bet Lup	2.6770	26000.	84	14807	No
150	GOM_NL__2PRFIN20041229_133015_000000432033_00224_14807_7543.N1	29-DEC-2004 13:30:15	Dark	42.500	78	Alp Lup	2.3040	28000.	85	14807	No
151	GOM_NL__2PRFIN20041229_133140_000000412033_00224_14807_7544.N1	29-DEC-2004 13:31:40	Dark	40.500	95	Zet Cen	2.5450	26000.	81	14807	No
152	GOM_NL__2PRFIN20041229_133331_000000492033_00224_14807_7545.N1	29-DEC-2004 13:33:31	Dark	49.000	4	Alp1Cen	-0.010000	5800.0	98	14807	No
153	GOM_NL__2PRFIN20041229_133715_000000422033_00225_14808_7459.N1	29-DEC-2004 13:37:15	Dark	42.000	12	Alp1Cru	0.77500	30000.	84	14808	No
154	GOM_NL__2PRFIN20041229_134237_000000422033_00225_14808_7460.N1	29-DEC-2004 13:42:37	Dark	41.500	29	Bet Car	1.6720	10200.	83	14808	No
155	GOM_NL__2PRFIN20041229_134356_000000452033_00225_14808_7461.N1	29-DEC-2004 13:43:56	Dark	45.000	71	Iot Car	2.2460	7700.0	90	14808	No
156	GOM_NL__2PRFIN20041229_134533_000000492033_00225_14808_7462.N1	29-DEC-2004 13:45:33	Dark	49.000	41	Eps Car	1.8600	4100.0	98	14808	No
157	GOM_NL__2PRFIN20041229_134723_000000552033_00225_14808_7463.N1	29-DEC-2004 13:47:23	Dark	55.000	65	Lam Vel	2.2040	4400.0	110	14808	No
158	GOM_NL__2PRFIN20041229_134951_000000482033_00225_14808_7464.N1	29-DEC-2004 13:49:51	Dark	48.000	2	Alp Car	-0.73600	7000.0	96	14808	No
159	GOM_NL__2PRFIN20041229_135302_000000502033_00225_14808_7465.N1	29-DEC-2004 13:53:02	Dark	49.500	117	Pi Pup	2.7060	3800.0	99	14808	No
160	GOM_NL__2PRFIN20041229_135551_000000512033_00225_14808_7466.N1	29-DEC-2004 13:55:51	Straylight	51.000	23	21Eps CMa	1.5020	26000.	102	14808	No

161	GOM_NL__2PRFIN20041229_135726_000000512033_00225_14808_7467.N1	29-DEC-2004 13:57:26	Straylight	51.000	179	24Omi2CMa	3.0320	24000.	102	14808	No
162	GOM_NL__2PRFIN20041229_135957_000000612033_00225_14808_7468.N1	29-DEC-2004 13:59:57	Straylight	61.000	1	9Alp CMa	-1.4400	11000.	122	14808	No
163	GOM_NL__2PRFIN20041229_140308_000000522033_00225_14808_7469.N1	29-DEC-2004 14:03:08	Straylight	52.000	7	19Bet Ori	0.10000	14000.	104	14808	No
164	GOM_NL__2PRFIN20041229_140459_000000422033_00225_14808_7470.N1	29-DEC-2004 14:04:59	Straylight	41.500	30	46Eps Ori	1.6940	30000.	83	14808	No
165	GOM_NL__2PRFIN20041229_140736_000000512033_00225_14808_7471.N1	29-DEC-2004 14:07:36	Twi_and_stray	50.500	14	58Alp Ori	0.87000	3000.0	101	14808	No
166	GOM_NL__2PRFIN20041229_141102_000000542033_00225_14808_7472.N1	29-DEC-2004 14:11:02	Bright	53.500	44	24Gam Gem	1.9280	11000.	107	14808	No
167	GOM_NL__2PRFIN20041229_141259_000000402033_00225_14808_7473.N1	29-DEC-2004 14:12:59	Bright	39.500	146	25Eta Tau	2.8730	15200.	79	14808	No
168	GOM_NL__2PRFIN20041229_141453_000000422033_00225_14808_7474.N1	29-DEC-2004 14:14:53	Bright	41.500	114	3Iot Aur	2.6930	4600.0	83	14808	No
169	GOM_NL__2PRFIN20041229_141637_000000412033_00225_14808_7475.N1	29-DEC-2004 14:16:37	Bright	40.500	107	37The Aur	2.6490	11000.	81	14808	No
170	GOM_NL__2PRFIN20041229_141837_000000432033_00225_14808_7476.N1	29-DEC-2004 14:18:37	Bright	43.000	6	13Alp Aur	0.080000	3400.0	86	14808	No
171	GOM_NL__2PRFIN20041229_142011_000000402033_00225_14808_7477.N1	29-DEC-2004 14:20:11	Bright	39.500	35	33Alp Per	1.7950	6250.0	79	14808	No
172	GOM_NL__2PRFIN20041229_142129_000000382033_00225_14808_7478.N1	29-DEC-2004 14:21:29	Bright	38.000	160	23Gam Per	2.9300	4700.0	76	14808	No
173	GOM_NL__2PRFIN20041229_143042_000000412033_00225_14808_7479.N1	29-DEC-2004 14:30:42	Bright	41.000	49	1Alp UMi	1.9900	6300.0	82	14808	No
174	GOM_NL__2PRFIN20041229_143358_000000502033_00225_14808_7480.N1	29-DEC-2004 14:33:58	Bright	49.500	36	50Alp UMa	1.8000	6300.0	99	14808	No
175	GOM_NL__2PRFIN20041229_143859_000000412033_00225_14808_7481.N1	29-DEC-2004 14:38:59	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	14808	No
176	GOM_NL__2PRFIN20041229_144104_000000382033_00225_14808_7482.N1	29-DEC-2004 14:41:04	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	14808	No
177	GOM_NL__2PRFIN20041229_144613_000000442033_00225_14808_7483.N1	29-DEC-2004 14:46:13	Bright	43.500	180	27Gam Boo	3.0400	8000.0	87	14808	No
178	GOM_NL__2PRFIN20041229_144950_000000602033_00225_14808_7484.N1	29-DEC-2004 14:49:50	Bright	60.000	83		2.3780	11000.	120	14808	No
179	GOM_NL__2PRFIN20041229_145351_000000562033_00225_14808_7485.N1	29-DEC-2004 14:53:51	Bright	55.500	111	8Eta Boo	2.6800	6000.0	111	14808	No
180	GOM_NL__2PRFIN20041229_145948_000000882033_00225_14808_7486.N1	29-DEC-2004 14:59:48	Twi_and_stray	87.500	138	47Eps Vir	2.8280	4700.0	175	14808	No
181	GOM_NL__2PRFIN20041229_150237_000000452033_00225_14808_7487.N1	29-DEC-2004 15:02:37	Twi_and_stray	45.000	122	9Alp2Lib	2.7470	9700.0	90	14808	No
182	GOM_NL__2PRFIN20041229_150541_000000672033_00225_14808_7488.N1	29-DEC-2004 15:05:41	Dark	66.500	15	67Alp Vir	0.97600	28000.	133	14808	No
183	GOM_NL__2PRFIN20041229_150809_000000392033_00225_14808_7489.N1	29-DEC-2004 15:08:09	Twilight	39.000	131	Gam Lup	2.8000	26000.	78	14808	No
184	GOM_NL__2PRFIN20041229_150925_000000402033_00225_14808_7490.N1	29-DEC-2004 15:09:25	Dark	40.000	109	Bet Lup	2.6770	26000.	80	14808	No
185	GOM_NL__2PRFIN20041229_151052_000000402033_00225_14808_7491.N1	29-DEC-2004 15:10:52	Dark	39.500	78	Alp Lup	2.3040	28000.	79	14808	No
186	GOM_NL__2PRFIN20041229_151216_000000422033_00225_14808_7492.N1	29-DEC-2004 15:12:16	Dark	42.000	95	Zet Cen	2.5450	26000.	84	14808	No
187	GOM_NL__2PRFIN20041229_151405_000000522033_00225_14808_7493.N1	29-DEC-2004 15:14:05	Dark	52.000	4	Alp1Cen	-0.010000	5800.0	104	14808	No
188	GOM_NL__2PRFIN20041229_151752_000000412033_00226_14809_7459.N1	29-DEC-2004 15:17:52	Dark	41.000	12	Alp1Cru	0.77500	30000.	82	14809	No
189	GOM_NL__2PRFIN20041229_152313_000000442033_00226_14809_7460.N1	29-DEC-2004 15:23:13	Dark	44.000	29	Bet Car	1.6720	10200.	88	14809	No
190	GOM_NL__2PRFIN20041229_152432_000000442033_00226_14809_7461.N1	29-DEC-2004 15:24:32	Dark	43.500	71	Iot Car	2.2460	7700.0	87	14809	No
191	GOM_NL__2PRFIN20041229_152609_000000452033_00226_14809_7462.N1	29-DEC-2004 15:26:09	Dark	44.500	41	Eps Car	1.8600	4100.0	89	14809	No
192	GOM_NL__2PRFIN20041229_152800_000000602033_00226_14809_7463.N1	29-DEC-2004 15:28:00	Dark	59.500	65	Lam Vel	2.2040	4400.0	119	14809	No
193	GOM_NL__2PRFIN20041229_153027_000000492033_00226_14809_7464.N1	29-DEC-2004 15:30:27	Dark	49.000	2	Alp Car	-0.73600	7000.0	98	14809	No
194	GOM_NL__2PRFIN20041229_153338_000000522033_00226_14809_7465.N1	29-DEC-2004 15:33:38	Dark	52.000	117	Pi Pup	2.7060	3800.0	104	14809	No
195	GOM_NL__2PRFIN20041229_153628_000000512033_00226_14809_7466.N1	29-DEC-2004 15:36:28	Straylight	51.000	23	21Eps CMa	1.5020	26000.	102	14809	No
196	GOM_NL__2PRFIN20041229_153804_000000492033_00226_14809_7467.N1	29-DEC-2004 15:38:04	Straylight	48.500	179	24Omi2CMa	3.0320	24000.	97	14809	No
197	GOM_NL__2PRFIN20041229_154033_000000572033_00226_14809_7468.N1	29-DEC-2004 15:40:33	Straylight	56.500	1	9Alp CMa	-1.4400	11000.	113	14809	No
198	GOM_NL__2PRFIN20041229_154344_000000482033_00226_14809_7469.N1	29-DEC-2004 15:43:44	Straylight	47.500	7	19Bet Ori	0.10000	14000.	95	14809	No
199	GOM_NL__2PRFIN20041229_154537_000000402033_00226_14809_7470.N1	29-DEC-2004 15:45:37	Straylight	40.000	30	46Eps Ori	1.6940	30000.	80	14809	No
200	GOM_NL__2PRFIN20041229_154812_000000512033_00226_14809_7471.N1	29-DEC-2004 15:48:12	Twi_and_stray	50.500	14	58Alp Ori	0.87000	3000.0	101	14809	No
201	GOM_NL__2PRFIN20041229_155138_000000602033_00226_14809_7472.N1	29-DEC-2004 15:51:38	Bright	60.000	44	24Gam Gem	1.9280	11000.	120	14809	No
202	GOM_NL__2PRFIN20041229_155336_000000372033_00226_14809_7473.N1	29-DEC-2004 15:53:36	Bright	37.000	146	25Eta Tau	2.8730	15200.	74	14809	No
203	GOM_NL__2PRFIN20041229_155530_000000402033_00226_14809_7474.N1	29-DEC-2004 15:55:30	Bright	40.000	114	3Iot Aur	2.6930	4600.0	80	14809	No
204	GOM_NL__2PRFIN20041229_155713_000000412033_00226_14809_7475.N1	29-DEC-2004 15:57:13	Bright	41.000	107	37The Aur	2.6490	11000.	82	14809	No
205	GOM_NL__2PRFIN20041229_155914_000000432033_00226_14809_7476.N1	29-DEC-2004 15:59:14	Bright	43.000	6	13Alp Aur	0.080000	3400.0	86	14809	No
206	GOM_NL__2PRFIN20041229_160049_000000412033_00226_14809_7477.N1	29-DEC-2004 16:00:49	Bright	41.000	35	33Alp Per	1.7950	6250.0	82	14809	No
207	GOM_NL__2PRFIN20041229_160206_000000372033_00226_14809_7478.N1	29-DEC-2004 16:02:06	Bright	36.500	160	23Gam Per	2.9300	4700.0	73	14809	No
208	GOM_NL__2PRFIN20041229_161120_000000392033_00226_14809_7479.N1	29-DEC-2004 16:11:20	Bright	39.000	49	1Alp UMi	1.9900	6300.0	78	14809	No
209	GOM_NL__2PRFIN20041229_161433_000000522033_00226_14809_7480.N1	29-DEC-2004 16:14:33	Bright	51.500	36	50Alp UMa	1.8000	6300.0	103	14809	No
210	GOM_NL__2PRFIN20041229_161937_000000382033_00226_14809_7481.N1	29-DEC-2004 16:19:37	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	14809	No
211	GOM_NL__2PRFIN20041229_162140_000000402033_00226_14809_7482.N1	29-DEC-2004 16:21:40	Bright	40.000	130	23Bet Dra	2.7990	5800.0	80	14809	No
212	GOM_NL__2PRFIN20041229_162648_000000522033_00226_14809_7483.N1	29-DEC-2004 16:26:48	Bright	52.000	180	27Gam Boo	3.0400	8000.0	104	14809	No
213	GOM_NL__2PRFIN20041229_163025_000000422033_00226_14809_7484.N1	29-DEC-2004 16:30:25	Bright	41.500	83		2.3780	11000.	83	14809	No
214	GOM_NL__2PRFIN20041229_163428_000000742033_00226_14809_7485.N1	29-DEC-2004 16:34:28	Bright	74.000	111	8Eta Boo	2.6800	6000.0	148	14809	No
215	GOM_NL__2PRFIN20041229_164026_000000872033_00226_14809_7486.N1	29-DEC-2004 16:40:26	Twi_and_stray	87.000	138	47Eps Vir	2.8280	4700.0	174	14809	No
216	GOM_NL__2PRFIN20041229_164314_000000462033_00226_14809_7487.N1	29-DEC-2004 16:43:14	Twi_and_stray	45.500	122	9Alp2Lib	2.7470	9700.0	91	14809	No
217	GOM_NL__2PRFIN20041229_164618_000000672033_00226_14809_7488.N1	29-DEC-2004 16:46:18	Dark	66.500	15	67Alp Vir	0.97600	28000.	133	14809	No
218	GOM_NL__2PRFIN20041229_164846_000000392033_00226_14809_7489.N1	29-DEC-2004 16:48:46	Twilight	38.500	131	Gam Lup	2.8000	26000.	77	14809	No
219	GOM_NL__2PRFIN20041229_165001_000000412033_00226_14809_7490.N1	29-DEC-2004 16:50:01	Dark	41.000	109	Bet Lup	2.6770	26000.	82	14809	No

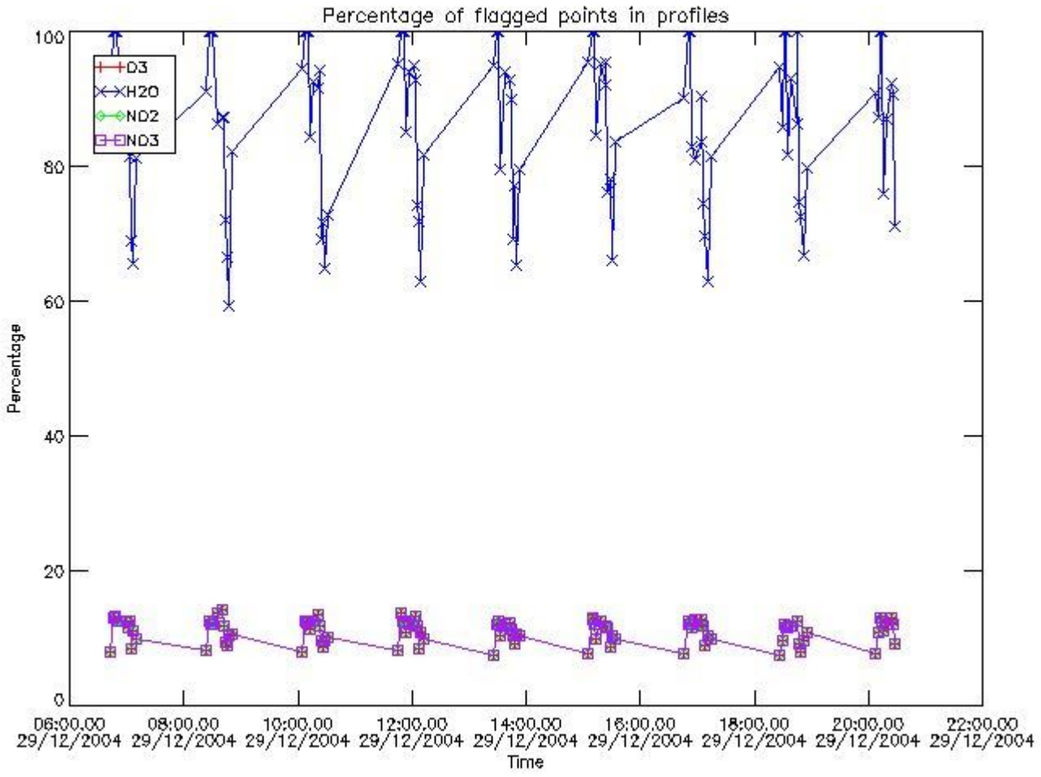
220	GOM_NL__2PRFIN20041229_165129_000000432033_00226_14809_7491.N1	29-DEC-2004 16:51:29	Dark	42.500	78	Alp Lup	2.3040	28000.	85	14809	No
221	GOM_NL__2PRFIN20041229_165253_000000422033_00226_14809_7492.N1	29-DEC-2004 16:52:53	Dark	42.000	95	Zet Cen	2.5450	26000.	84	14809	No
222	GOM_NL__2PRFIN20041229_165444_000000452033_00226_14809_7493.N1	29-DEC-2004 16:54:44	Dark	44.500	4	Alp1Cen	-0.010000	5800.0	89	14809	No
223	GOM_NL__2PRFIN20041229_165828_000000402033_00227_14810_7512.N1	29-DEC-2004 16:58:28	Dark	40.000	12	Alp1Cru	0.77500	30000.	80	14810	No
224	GOM_NL__2PRFIN20041229_170349_000000402033_00227_14810_7513.N1	29-DEC-2004 17:03:49	Dark	40.000	29	Bet Car	1.6720	10200.	80	14810	No
225	GOM_NL__2PRFIN20041229_170508_000000472033_00227_14810_7514.N1	29-DEC-2004 17:05:08	Dark	47.000	71	Iot Car	2.2460	7700.0	94	14810	No
226	GOM_NL__2PRFIN20041229_170645_000000442033_00227_14810_7515.N1	29-DEC-2004 17:06:45	Dark	43.500	41	Eps Car	1.8600	4100.0	87	14810	No
227	GOM_NL__2PRFIN20041229_170837_000000572033_00227_14810_7516.N1	29-DEC-2004 17:08:37	Dark	56.500	65	Lam Vel	2.2040	4400.0	113	14810	No
228	GOM_NL__2PRFIN20041229_171102_000000492033_00227_14810_7517.N1	29-DEC-2004 17:11:02	Dark	49.000	2	Alp Car	-0.73600	7000.0	98	14810	No
229	GOM_NL__2PRFIN20041229_171415_000000522033_00227_14810_7518.N1	29-DEC-2004 17:14:15	Dark	51.500	117	Pi Pup	2.7060	3800.0	103	14810	No
230	GOM_NL__2PRFIN20041229_171706_000000512033_00227_14810_7519.N1	29-DEC-2004 17:17:06	Straylight	51.000	23	21Eps CMa	1.5020	26000.	102	14810	No
231	GOM_NL__2PRFIN20041229_171840_000000482033_00227_14810_7520.N1	29-DEC-2004 17:18:40	Straylight	48.000	179	24Omi2CMa	3.0320	24000.	96	14810	No
232	GOM_NL__2PRFIN20041229_172109_000000552033_00227_14810_7521.N1	29-DEC-2004 17:21:09	Straylight	55.000	1	9Alp CMa	-1.4400	11000.	110	14810	No
233	GOM_NL__2PRFIN20041229_172420_000000462033_00227_14810_7522.N1	29-DEC-2004 17:24:20	Straylight	45.500	7	19Bet Ori	0.10000	14000.	91	14810	No
234	GOM_NL__2PRFIN20041229_172611_000000422033_00227_14810_7523.N1	29-DEC-2004 17:26:11	Straylight	42.000	30	46Eps Ori	1.6940	30000.	84	14810	No
235	GOM_NL__2PRFIN20041229_172826_000000402033_00227_14810_7524.N1	29-DEC-2004 17:28:26	Twi_and_stray	39.500	27	24Gam Ori	1.6360	26000.	79	14810	No
236	GOM_NL__2PRFIN20041229_173008_000000762033_00227_14810_7525.N1	29-DEC-2004 17:30:08	Twi_and_stray	76.000	8	10Alp CMi	0.40000	6500.0	152	14810	No
237	GOM_NL__2PRFIN20041229_173214_000000602033_00227_14810_7526.N1	29-DEC-2004 17:32:14	Bright	59.500	44	24Gam Gem	1.9280	11000.	119	14810	No
238	GOM_NL__2PRFIN20041229_173351_000000492033_00227_14810_7527.N1	29-DEC-2004 17:33:51	Bright	48.500	151	13Mu Gem	2.8900	3000.0	97	14810	No
239	GOM_NL__2PRFIN20041229_173605_000000422033_00227_14810_7528.N1	29-DEC-2004 17:36:05	Bright	41.500	114	3Iot Aur	2.6930	4600.0	83	14810	No
240	GOM_NL__2PRFIN20041229_173749_000000412033_00227_14810_7529.N1	29-DEC-2004 17:37:49	Bright	40.500	107	37The Aur	2.6490	11000.	81	14810	No
241	GOM_NL__2PRFIN20041229_173949_000000432033_00227_14810_7530.N1	29-DEC-2004 17:39:49	Bright	43.000	6	13Alp Aur	0.080000	3400.0	86	14810	No
242	GOM_NL__2PRFIN20041229_174123_000000392033_00227_14810_7531.N1	29-DEC-2004 17:41:23	Bright	39.000	35	33Alp Per	1.7950	6250.0	78	14810	No
243	GOM_NL__2PRFIN20041229_174242_000000362033_00227_14810_7532.N1	29-DEC-2004 17:42:42	Bright	35.500	160	23Gam Per	2.9300	4700.0	71	14810	No
244	GOM_NL__2PRFIN20041229_175156_000000402033_00227_14810_7533.N1	29-DEC-2004 17:51:56	Bright	39.500	49	1Alp UMi	1.9900	6300.0	79	14810	No
245	GOM_NL__2PRFIN20041229_175509_000000492033_00227_14810_7534.N1	29-DEC-2004 17:55:09	Bright	49.000	36	50Alp UMa	1.8000	6300.0	98	14810	No
246	GOM_NL__2PRFIN20041229_180011_000000422033_00227_14810_7535.N1	29-DEC-2004 18:00:11	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	14810	No
247	GOM_NL__2PRFIN20041229_180216_000000402033_00227_14810_7536.N1	29-DEC-2004 18:02:16	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	14810	No
248	GOM_NL__2PRFIN20041229_180725_000000422033_00227_14810_7537.N1	29-DEC-2004 18:07:25	Bright	41.500	180	27Gam Boo	3.0400	8000.0	83	14810	No
249	GOM_NL__2PRFIN20041229_181102_000000602033_00227_14810_7538.N1	29-DEC-2004 18:11:02	Bright	60.000	83		2.3780	11000.	120	14810	No
250	GOM_NL__2PRFIN20041229_181504_000000532033_00227_14810_7539.N1	29-DEC-2004 18:15:04	Bright	52.500	111	8Eta Boo	2.6800	6000.0	105	14810	No
251	GOM_NL__2PRFIN20041229_182103_000000872033_00227_14810_7540.N1	29-DEC-2004 18:21:03	Twi_and_stray	87.000	138	47Eps Vir	2.8280	4700.0	174	14810	No
252	GOM_NL__2PRFIN20041229_182351_000000462033_00227_14810_7541.N1	29-DEC-2004 18:23:51	Twi_and_stray	46.000	122	9Alp2Lib	2.7470	9700.0	92	14810	No
253	GOM_NL__2PRFIN20041229_182655_000000682033_00227_14810_7542.N1	29-DEC-2004 18:26:55	Dark	67.500	15	67Alp Vir	0.97600	28000.	135	14810	No
254	GOM_NL__2PRFIN20041229_183041_000000532033_00227_14810_7543.N1	29-DEC-2004 18:30:41	Dark	53.000	54	5The Cen	2.0550	4500.0	106	14810	No
255	GOM_NL__2PRFIN20041229_183205_000000432033_00227_14810_7544.N1	29-DEC-2004 18:32:05	Dark	42.500	78	Alp Lup	2.3040	28000.	85	14810	No
256	GOM_NL__2PRFIN20041229_183329_000000442033_00227_14810_7545.N1	29-DEC-2004 18:33:29	Dark	44.000	95	Zet Cen	2.5450	26000.	88	14810	No
257	GOM_NL__2PRFIN20041229_183520_000000442033_00227_14810_7546.N1	29-DEC-2004 18:35:20	Dark	44.000	4	Alp1Cen	-0.010000	5800.0	88	14810	No
258	GOM_NL__2PRFIN20041229_183905_000000442033_00228_14811_7459.N1	29-DEC-2004 18:39:05	Dark	43.500	12	Alp1Cru	0.77500	30000.	87	14811	No
259	GOM_NL__2PRFIN20041229_184427_000000412033_00228_14811_7460.N1	29-DEC-2004 18:44:27	Dark	40.500	29	Bet Car	1.6720	10200.	81	14811	No
260	GOM_NL__2PRFIN20041229_184545_000000412033_00228_14811_7461.N1	29-DEC-2004 18:45:45	Dark	41.000	71	Iot Car	2.2460	7700.0	82	14811	No
261	GOM_NL__2PRFIN20041229_184723_000000562033_00228_14811_7462.N1	29-DEC-2004 18:47:23	Dark	56.000	41	Eps Car	1.8600	4100.0	112	14811	No
262	GOM_NL__2PRFIN20041229_184914_000000642033_00228_14811_7463.N1	29-DEC-2004 18:49:14	Dark	64.000	65	Lam Vel	2.2040	4400.0	128	14811	No
263	GOM_NL__2PRFIN20041229_185141_000000532033_00228_14811_7464.N1	29-DEC-2004 18:51:41	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	14811	No
264	GOM_NL__2PRFIN20041229_185452_000000482033_00228_14811_7465.N1	29-DEC-2004 18:54:52	Dark	47.500	117	Pi Pup	2.7060	3800.0	95	14811	No
265	GOM_NL__2PRFIN20041229_185743_000000472033_00228_14811_7466.N1	29-DEC-2004 18:57:43	Straylight	46.500	23	21Eps CMa	1.5020	26000.	93	14811	No
266	GOM_NL__2PRFIN20041229_185917_000000482033_00228_14811_7467.N1	29-DEC-2004 18:59:17	Straylight	48.000	179	24Omi2CMa	3.0320	24000.	96	14811	No
267	GOM_NL__2PRFIN20041229_190148_000000602033_00228_14811_7468.N1	29-DEC-2004 19:01:48	Straylight	60.000	1	9Alp CMa	-1.4400	11000.	120	14811	No
268	GOM_NL__2PRFIN20041229_190456_000000482033_00228_14811_7469.N1	29-DEC-2004 19:04:56	Straylight	47.500	7	19Bet Ori	0.10000	14000.	95	14811	No
269	GOM_NL__2PRFIN20041229_190650_000000402033_00228_14811_7470.N1	29-DEC-2004 19:06:50	Straylight	39.500	30	46Eps Ori	1.6940	30000.	79	14811	No
270	GOM_NL__2PRFIN20041229_190902_000000412033_00228_14811_7471.N1	29-DEC-2004 19:09:02	Twi_and_stray	40.500	27	24Gam Ori	1.6360	26000.	81	14811	No
271	GOM_NL__2PRFIN20041229_191043_000000772033_00228_14811_7472.N1	29-DEC-2004 19:10:43	Twi_and_stray	76.500	8	10Alp CMi	0.40000	6500.0	153	14811	No
272	GOM_NL__2PRFIN20041229_191250_000000482033_00228_14811_7473.N1	29-DEC-2004 19:12:50	Bright	47.500	44	24Gam Gem	1.9280	11000.	95	14811	No
273	GOM_NL__2PRFIN20041229_191426_000000492033_00228_14811_7474.N1	29-DEC-2004 19:14:26	Bright	49.000	151	13Mu Gem	2.8900	3000.0	98	14811	No
274	GOM_NL__2PRFIN20041229_191642_000000402033_00228_14811_7475.N1	29-DEC-2004 19:16:42	Bright	39.500	114	3Iot Aur	2.6930	4600.0	79	14811	No
275	GOM_NL__2PRFIN20041229_191825_000000402033_00228_14811_7476.N1	29-DEC-2004 19:18:25	Bright	40.000	107	37The Aur	2.6490	11000.	80	14811	No
276	GOM_NL__2PRFIN20041229_192026_000000422033_00228_14811_7477.N1	29-DEC-2004 19:20:26	Bright	41.500	6	13Alp Aur	0.080000	3400.0	83	14811	No
277	GOM_NL__2PRFIN20041229_192202_000000392033_00228_14811_7478.N1	29-DEC-2004 19:22:02	Bright	39.000	35	33Alp Per	1.7950	6250.0	78	14811	No
278	GOM_NL__2PRFIN20041229_192319_000000382033_00228_14811_7479.N1	29-DEC-2004 19:23:19	Bright	37.500	160	23Gam Per	2.9300	4700.0	75	14811	No

279	GOM_NL__2PRFIN20041229_193233_000000382033_00228_14811_7480.N1	29-DEC-2004 19:32:33	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	14811	No
280	GOM_NL__2PRFIN20041229_193543_000000462033_00228_14811_7481.N1	29-DEC-2004 19:35:43	Bright	46.000	36	50Alp UMa	1.8000	6300.0	92	14811	No
281	GOM_NL__2PRFIN20041229_194050_000000392033_00228_14811_7482.N1	29-DEC-2004 19:40:50	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	14811	No
282	GOM_NL__2PRFIN20041229_194252_000000372033_00228_14811_7483.N1	29-DEC-2004 19:42:52	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	14811	No
283	GOM_NL__2PRFIN20041229_194801_000000442033_00228_14811_7484.N1	29-DEC-2004 19:48:01	Bright	43.500	180	27Gam Boo	3.0400	8000.0	87	14811	No
284	GOM_NL__2PRFIN20041229_195138_000000602033_00228_14811_7485.N1	29-DEC-2004 19:51:38	Bright	60.000	83		2.3780	11000.	120	14811	No
285	GOM_NL__2PRFIN20041229_195540_000000532033_00228_14811_7486.N1	29-DEC-2004 19:55:40	Bright	53.000	111	8Eta Boo	2.6800	6000.0	106	14811	No
286	GOM_NL__2PRFIN20041229_200140_000000882033_00228_14811_7487.N1	29-DEC-2004 20:01:40	Twi_and_stray	88.000	138	47Eps Vir	2.8280	4700.0	176	14811	No
287	GOM_NL__2PRFIN20041229_200428_000000442033_00228_14811_7488.N1	29-DEC-2004 20:04:28	Twi_and_stray	43.500	122	9Alp2Lib	2.7470	9700.0	87	14811	No
288	GOM_NL__2PRFIN20041229_200732_000000662033_00228_14811_7489.N1	29-DEC-2004 20:07:32	Dark	65.500	15	67Alp Vir	0.97600	28000.	131	14811	No
289	GOM_NL__2PRFIN20041229_201118_000000482033_00228_14811_7490.N1	29-DEC-2004 20:11:18	Dark	47.500	54	5The Cen	2.0550	4500.0	95	14811	No
290	GOM_NL__2PRFIN20041229_201242_000000402033_00228_14811_7491.N1	29-DEC-2004 20:12:42	Dark	39.500	78	Alp Lup	2.3040	28000.	79	14811	No
291	GOM_NL__2PRFIN20041229_201406_000000412033_00228_14811_7492.N1	29-DEC-2004 20:14:06	Dark	40.500	95	Zet Cen	2.5450	26000.	81	14811	No
292	GOM_NL__2PRFIN20041229_201557_000000462033_00228_14811_7493.N1	29-DEC-2004 20:15:57	Dark	46.000	4	Alp1Cen	-0.010000	5800.0	92	14811	No
293	GOM_NL__2PRFIN20041229_201942_000000432033_00229_14812_7459.N1	29-DEC-2004 20:19:42	Dark	42.500	12	Alp1Cru	0.77500	30000.	85	14812	No
294	GOM_NL__2PRFIN20041229_202503_000000402033_00229_14812_7460.N1	29-DEC-2004 20:25:03	Dark	39.500	29	Bet Car	1.6720	10200.	79	14812	No
295	GOM_NL__2PRFIN20041229_202622_000000432033_00229_14812_7461.N1	29-DEC-2004 20:26:22	Dark	42.500	71	Iot Car	2.2460	7700.0	85	14812	No
296	GOM_NL__2PRFIN20041229_202759_000000562033_00229_14812_7462.N1	29-DEC-2004 20:27:59	Dark	55.500	41	Eps Car	1.8600	4100.0	111	14812	No

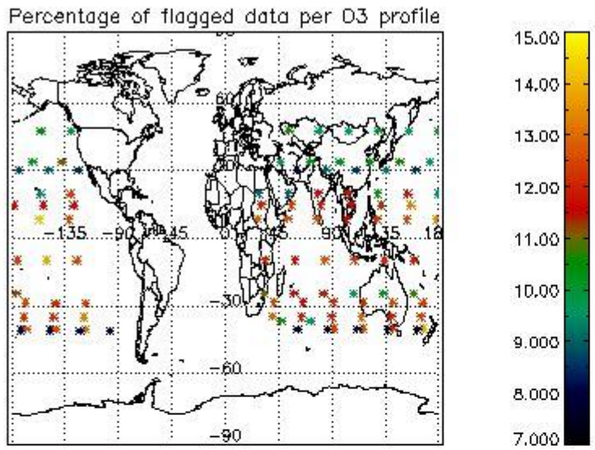
3. Quality information per product

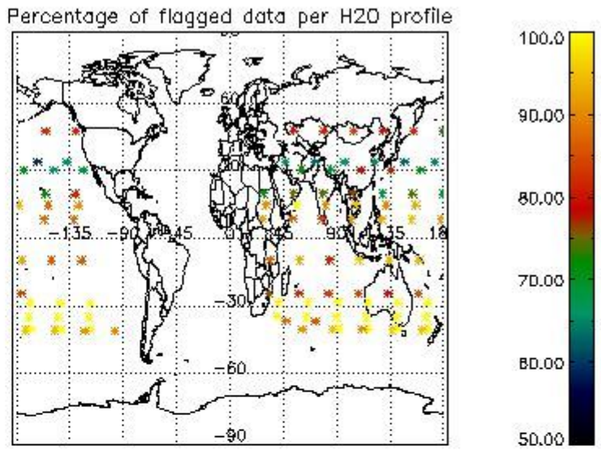
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

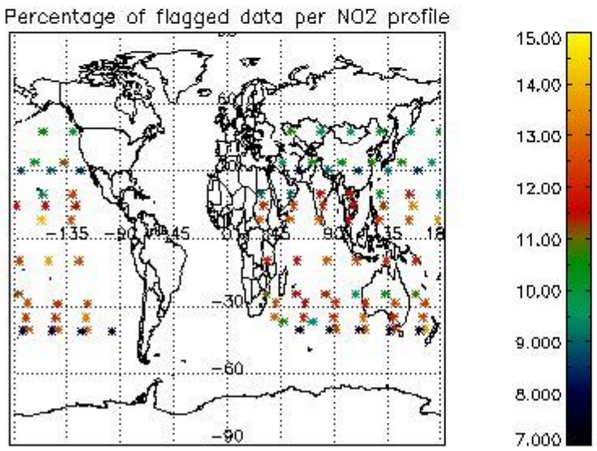
3.1 Plot quality information per product (time dependant)

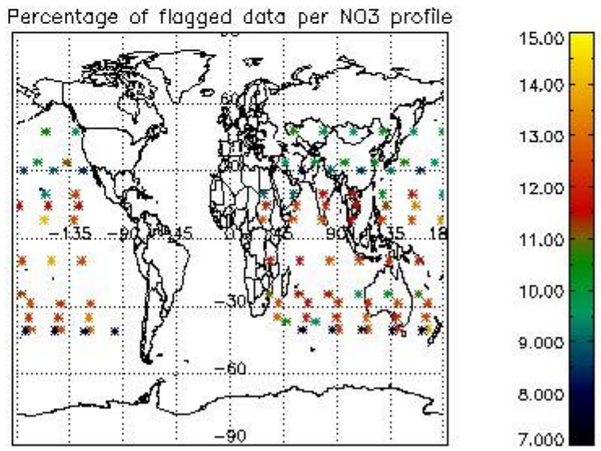


3.2 Plot quality information per product (world map)







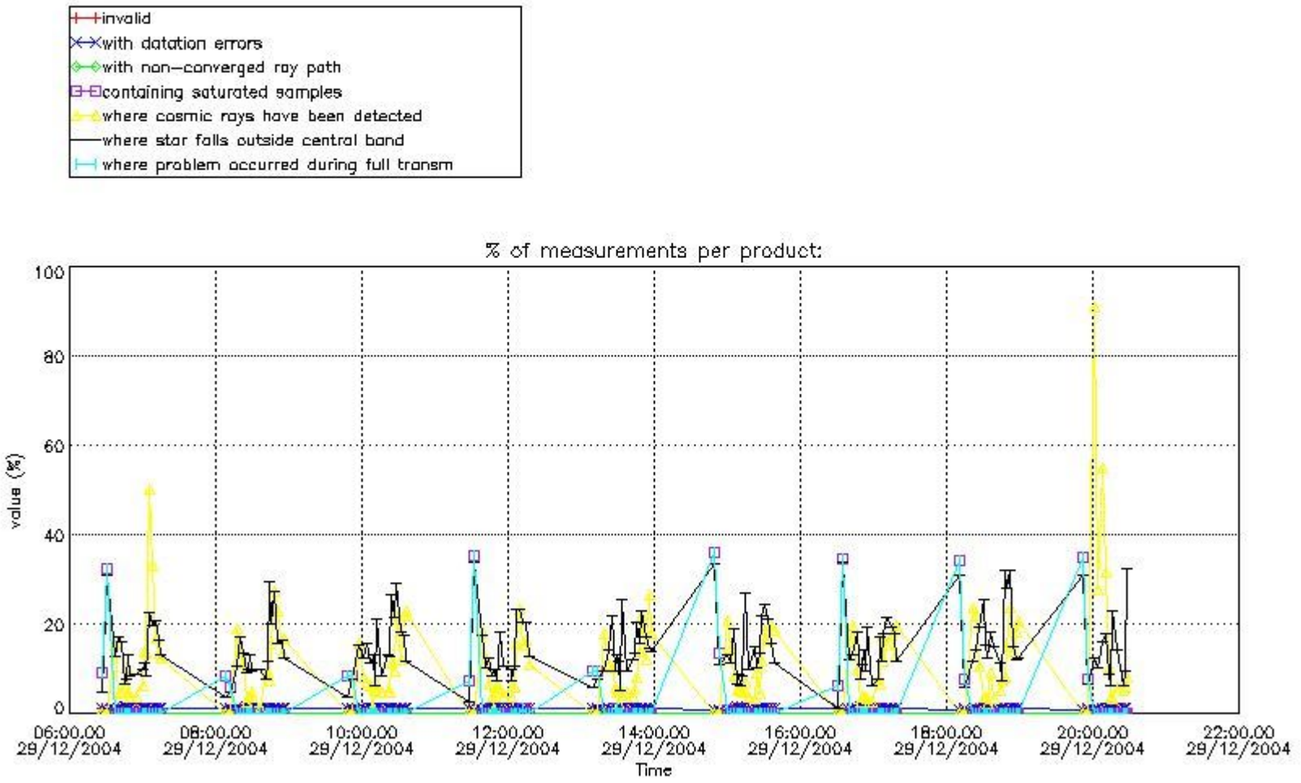


4. Level 1 quality information per product

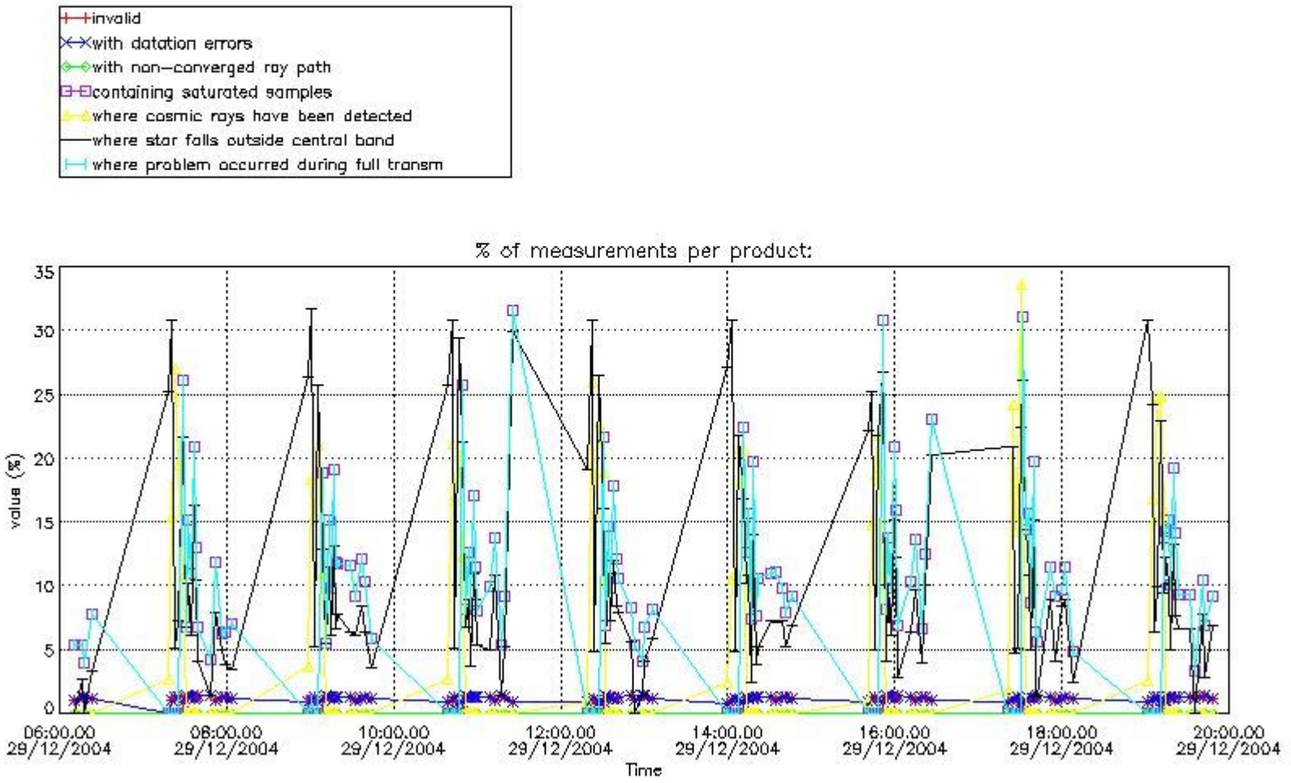
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processsing. Products without errors (error flag in the MPH set to "0") are used.

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

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

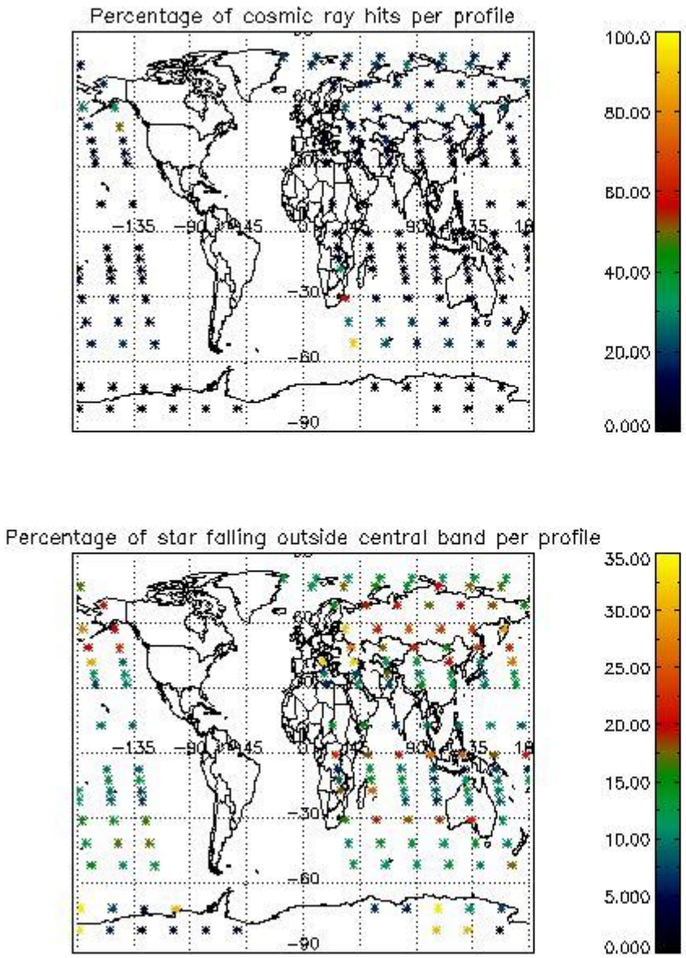


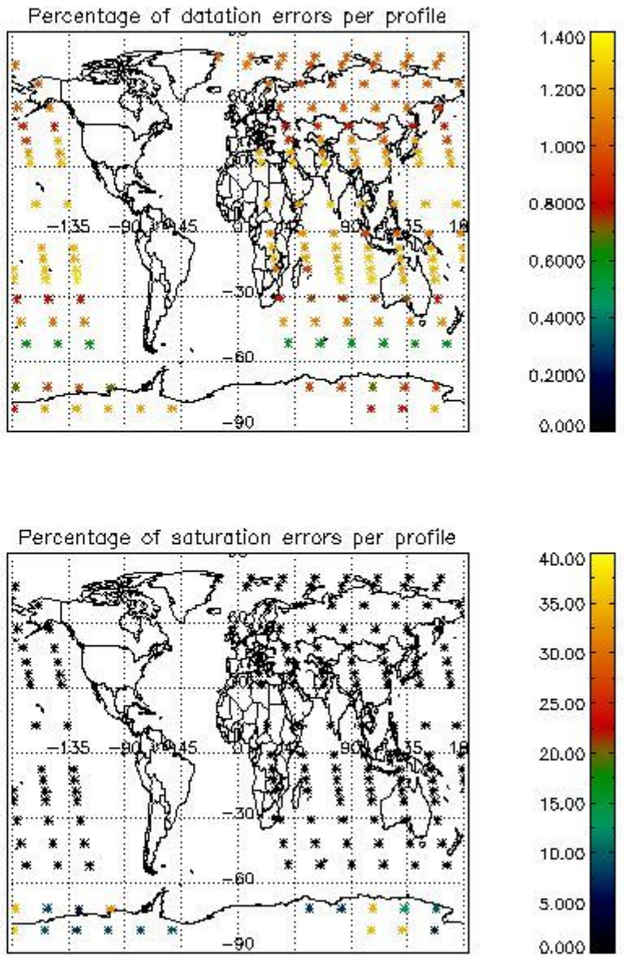
4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



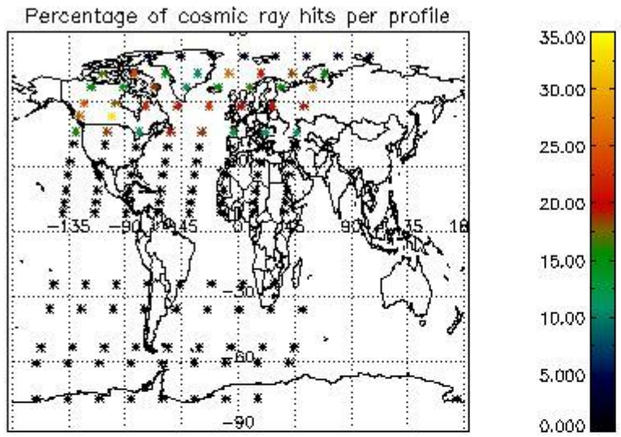
4.2 Plot quality information per product comming from level 1b processing (world map)

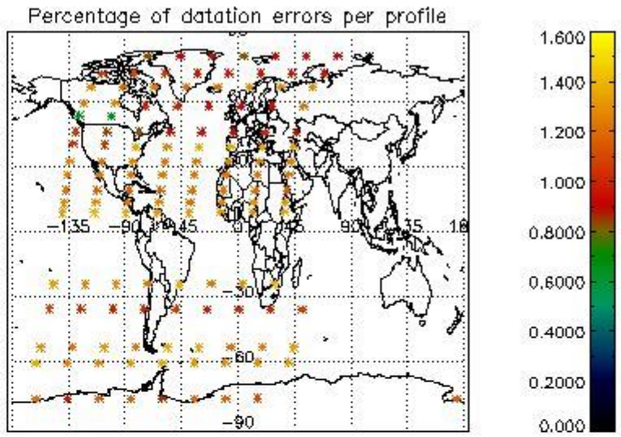
4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes

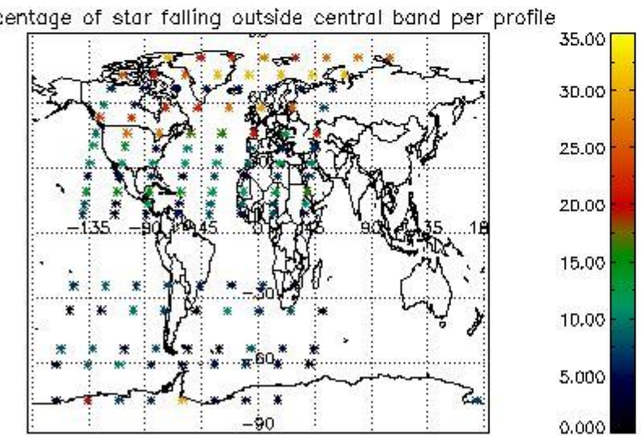


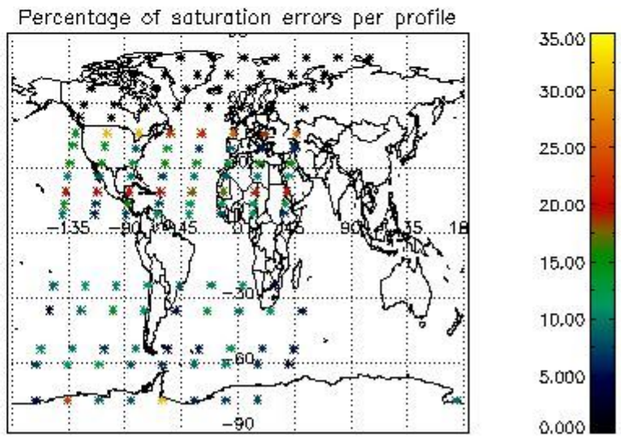


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes









5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

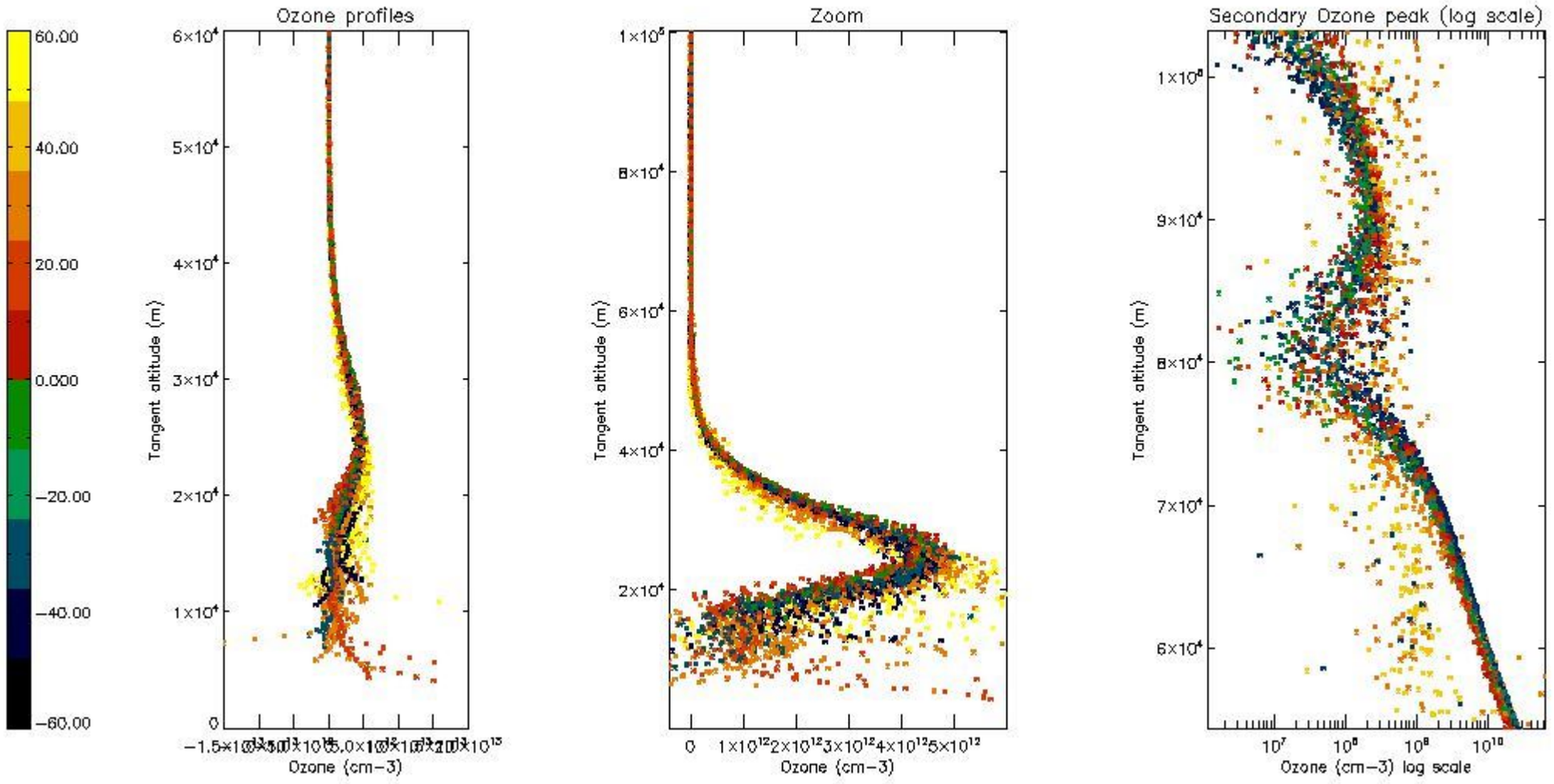
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	35
STD < 20	20

STD < 10	16
STD < 5	11

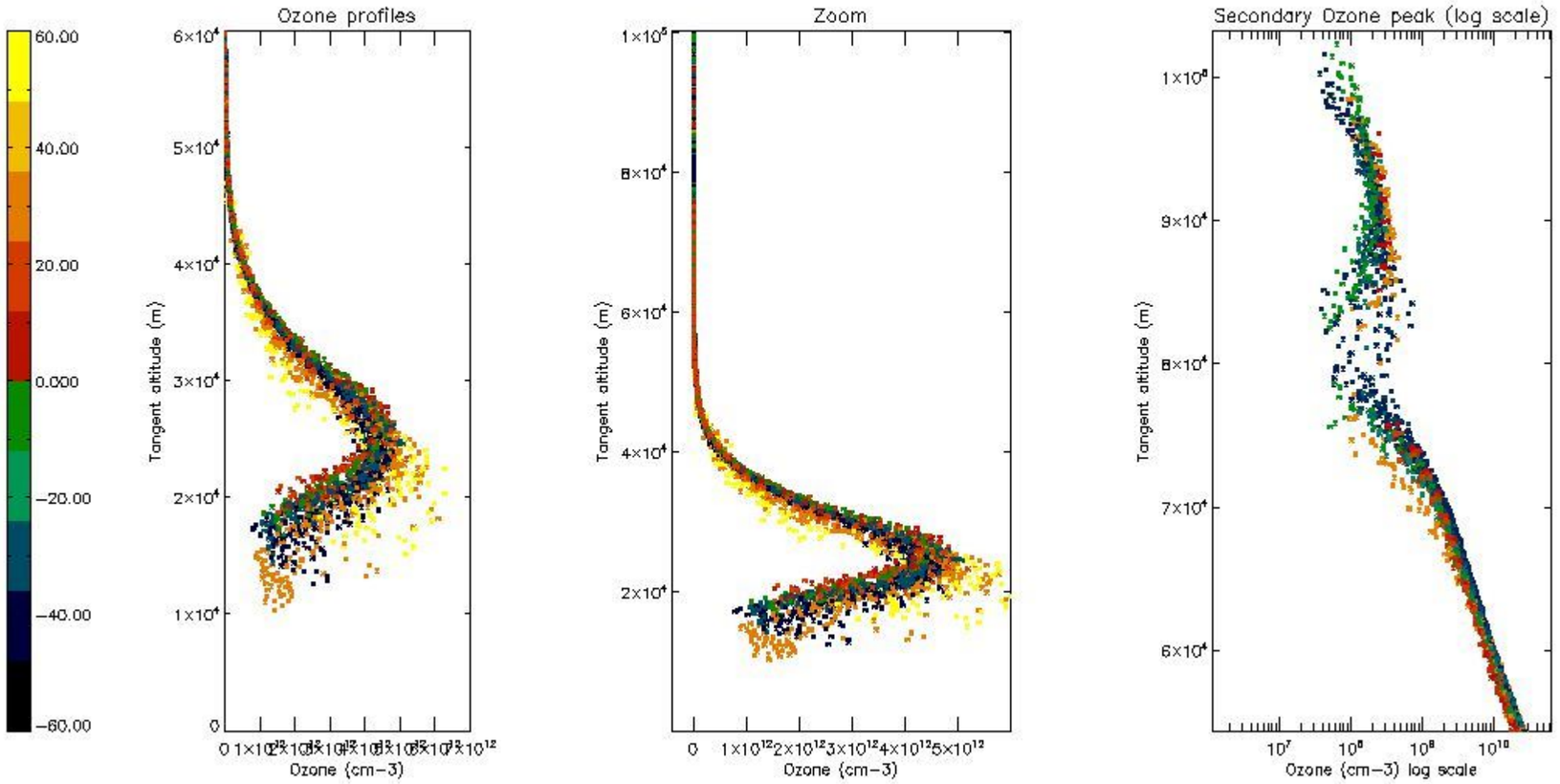
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



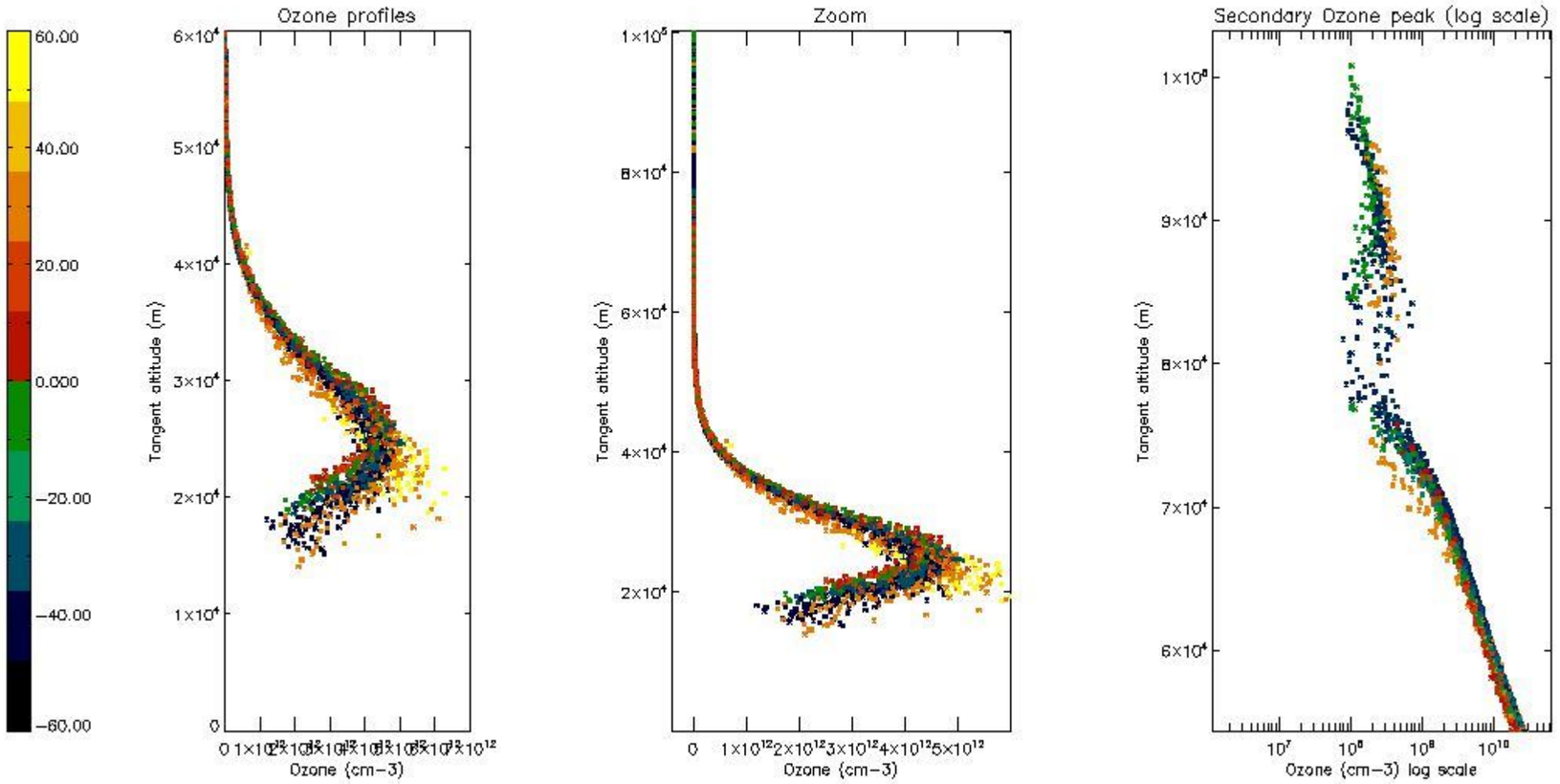
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



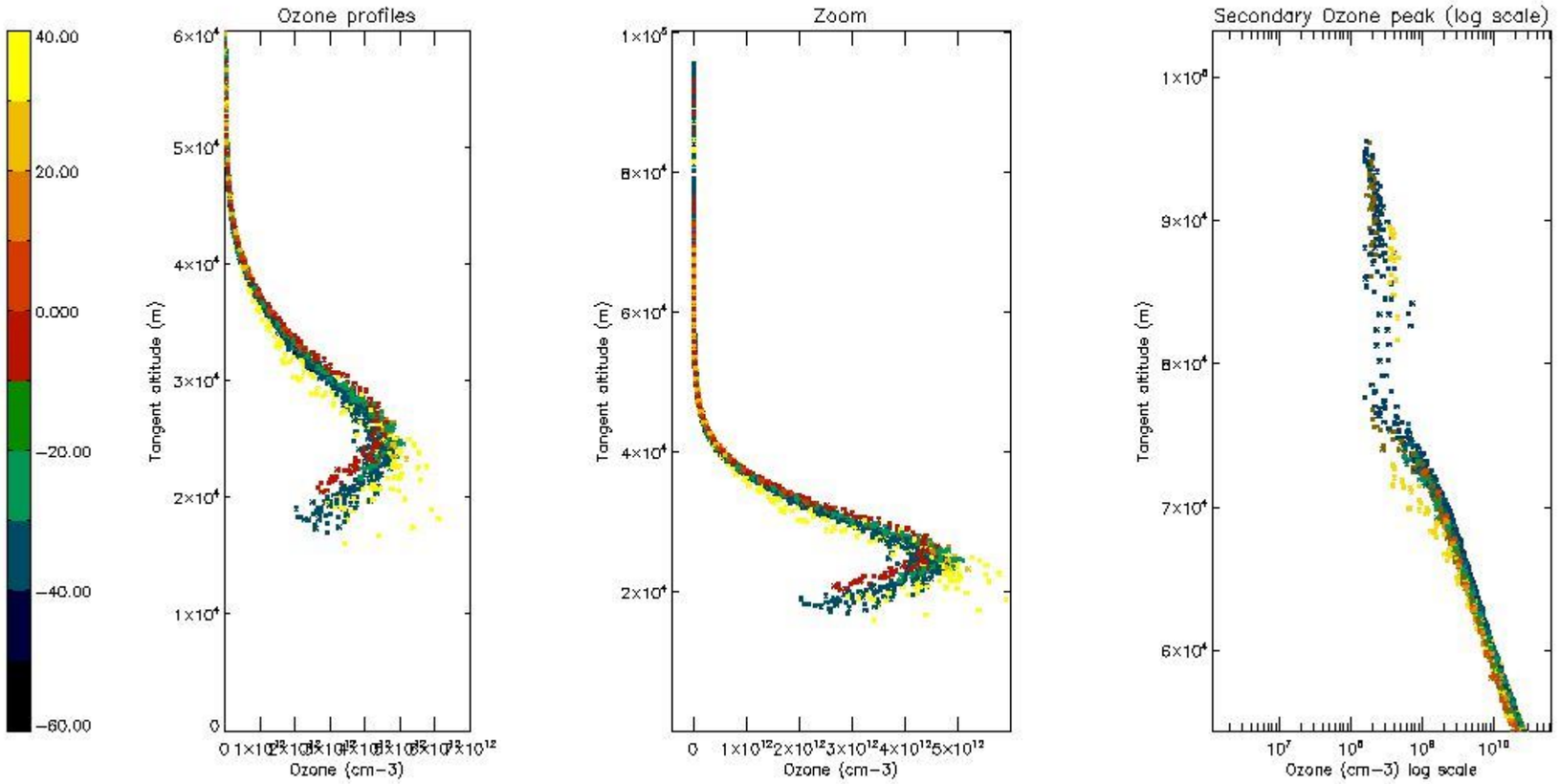
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



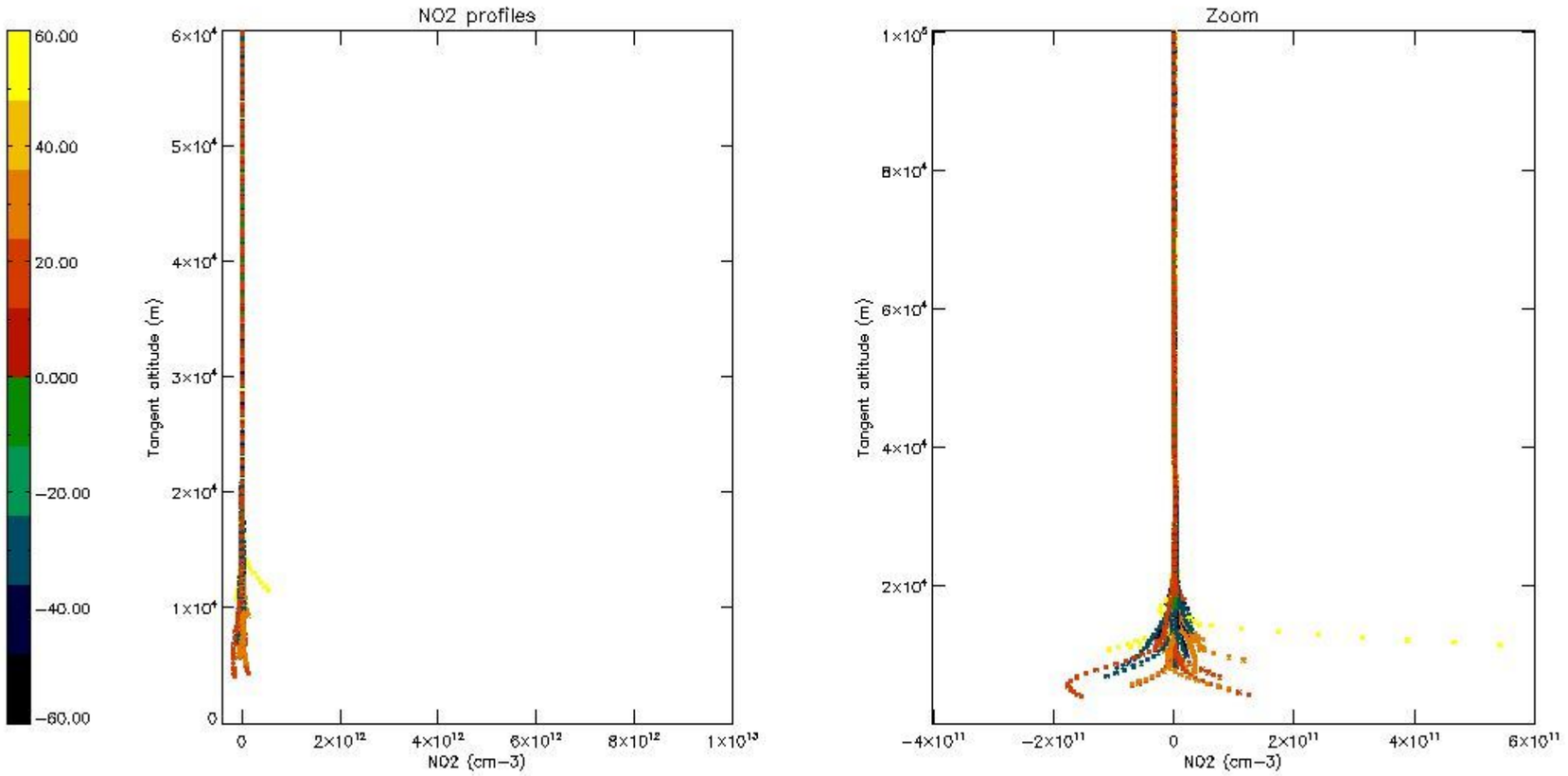
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



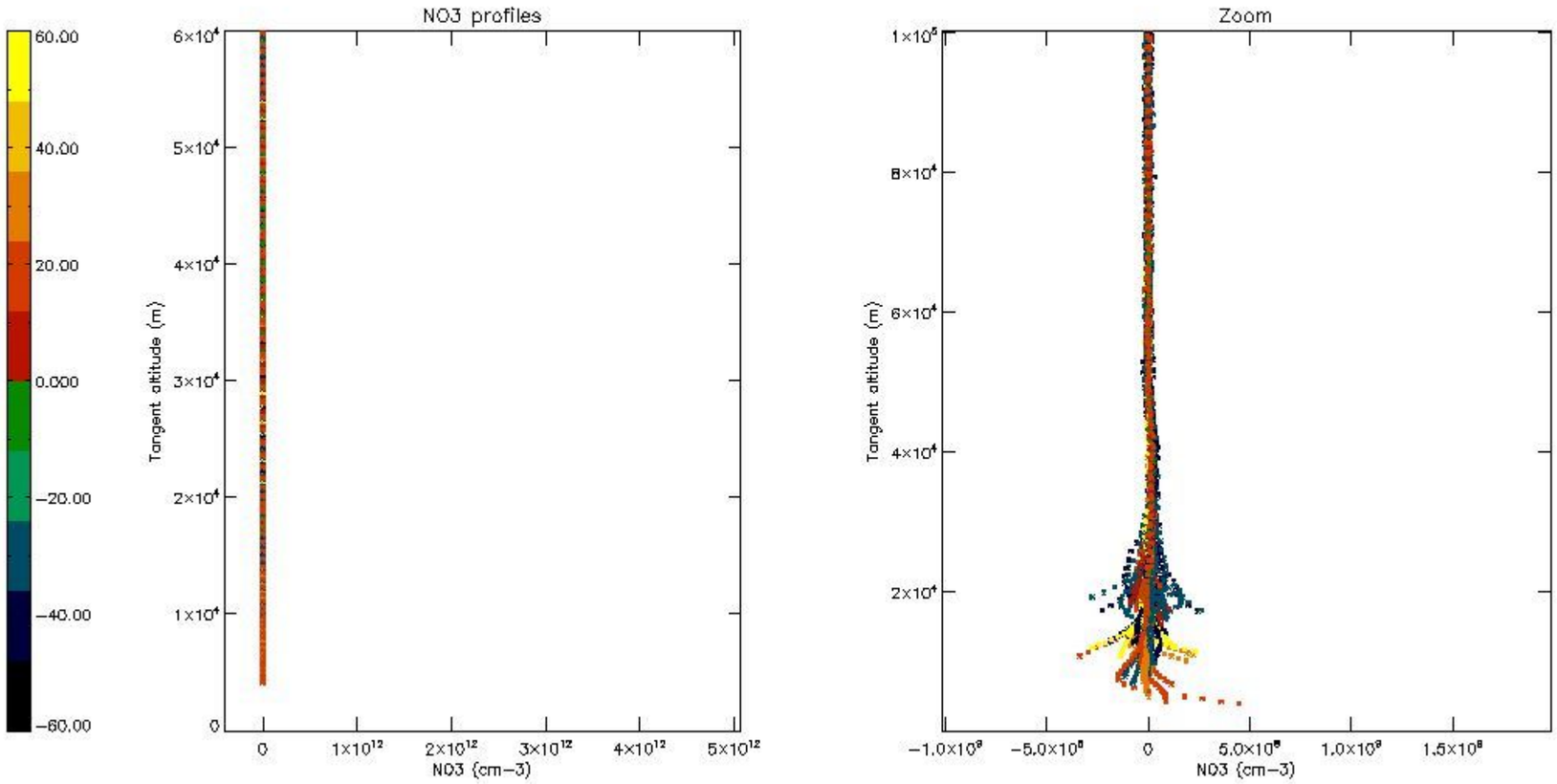
5.6 Plot NO2 profiles for all STD (dark without errors)

The colorbar represents the latitude.



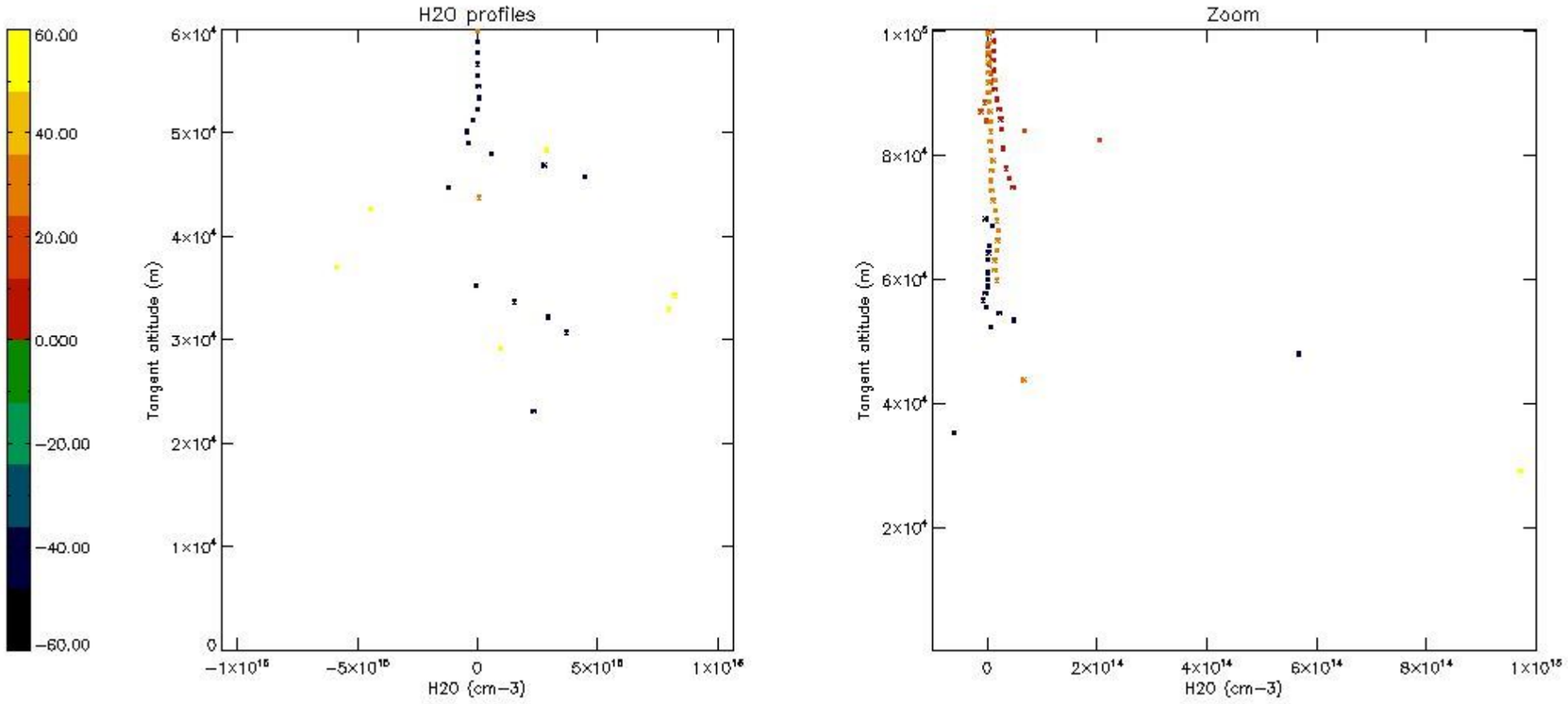
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

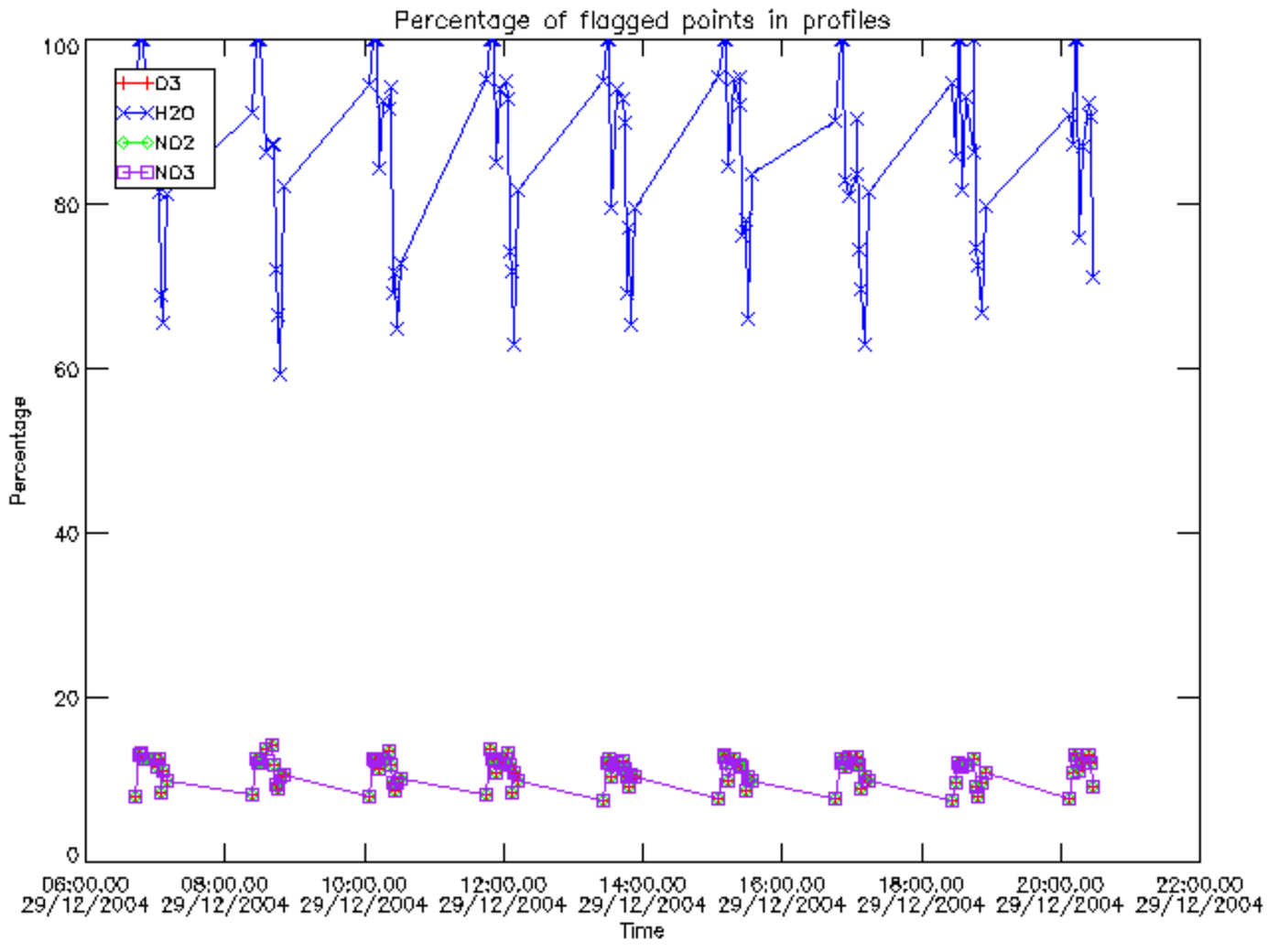
The colorbar represents the latitude.

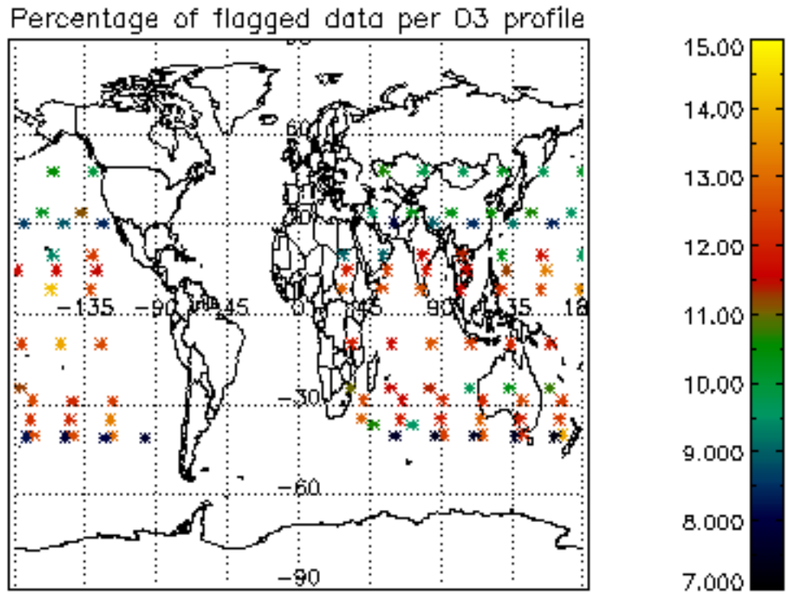


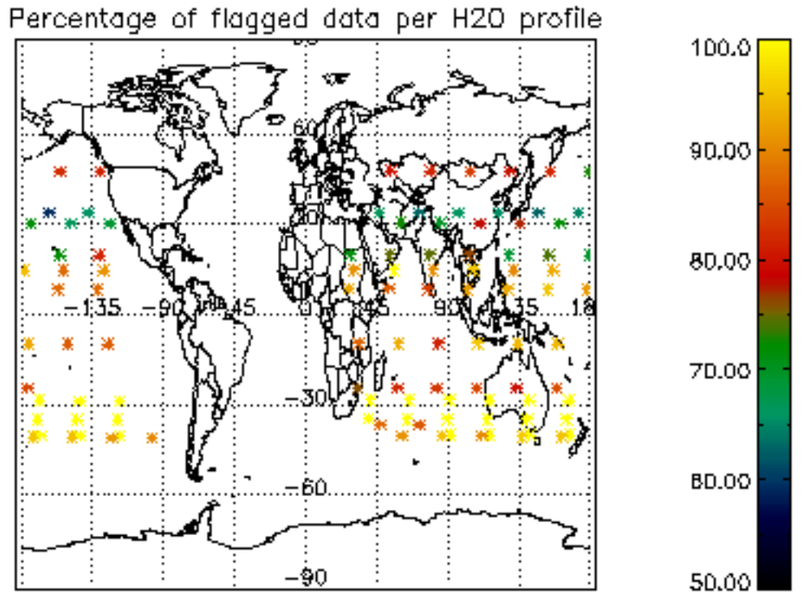
6. Auxiliary Data Files used for the production reported in section 2

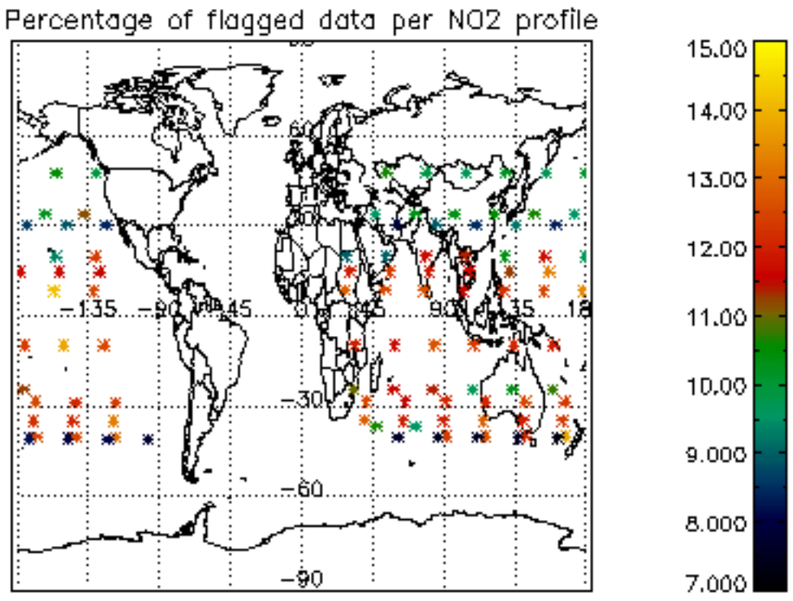
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

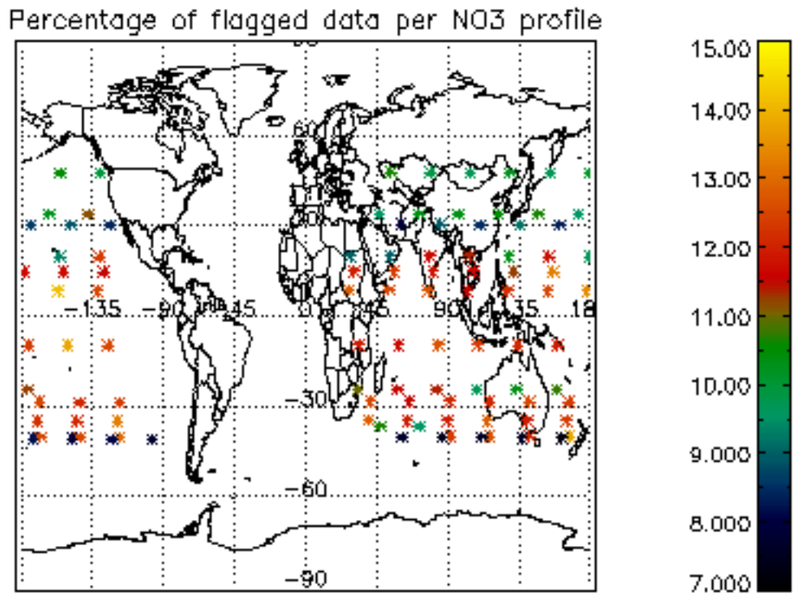
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	29-DEC-2004 06:11:01
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	29-DEC-2004 06:11:01
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	29-DEC-2004 06:11:01

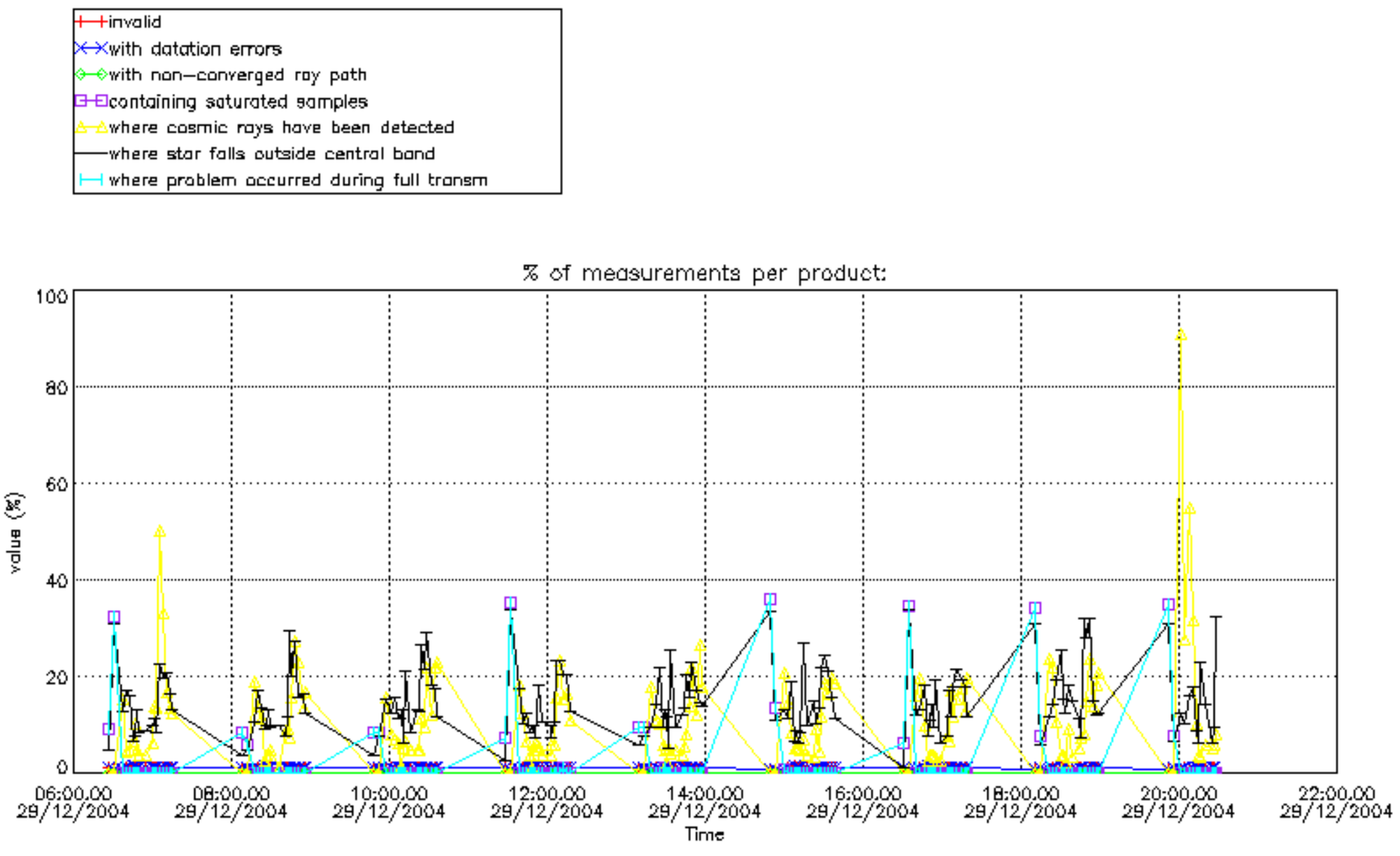

Percentage of flagged points in profiles
O3
H2O
NO2
NO3
100
80
60
40
20
0
Percentage
06:00.00
29/12/2004
08:00.00
29/12/2004
10:00.00
29/12/2004
12:00.00
29/12/2004
14:00.00
29/12/2004
16:00.00
29/12/2004
18:00.00
29/12/2004
20:00.00
29/12/2004
22:00.00
29/12/2004
Time

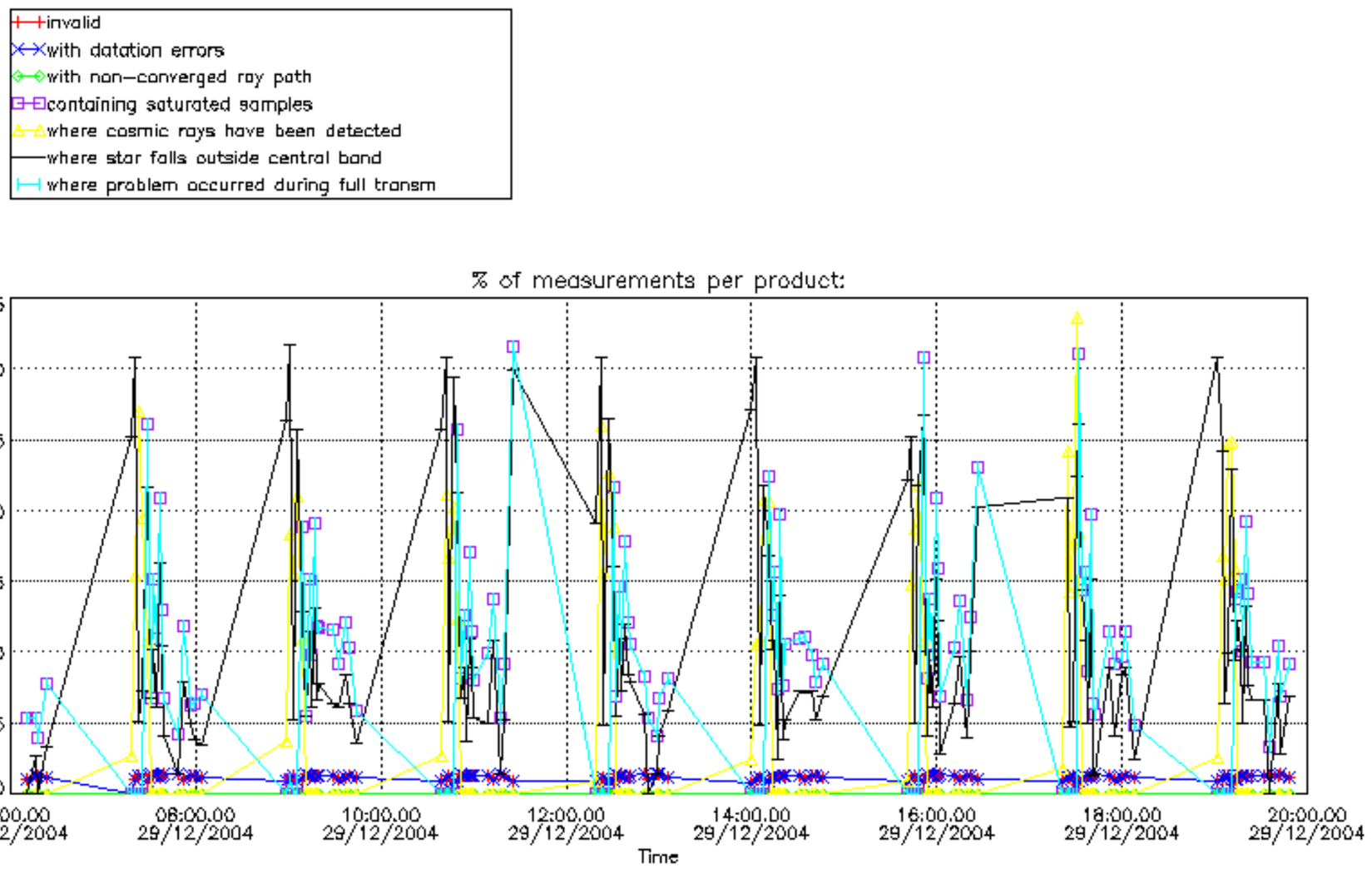

Percentage of flagged data per O3 profile
60
-30
-60
-90
15.00
14.00
13.00
12.00
11.00
10.00
9.000
8.000
7.000

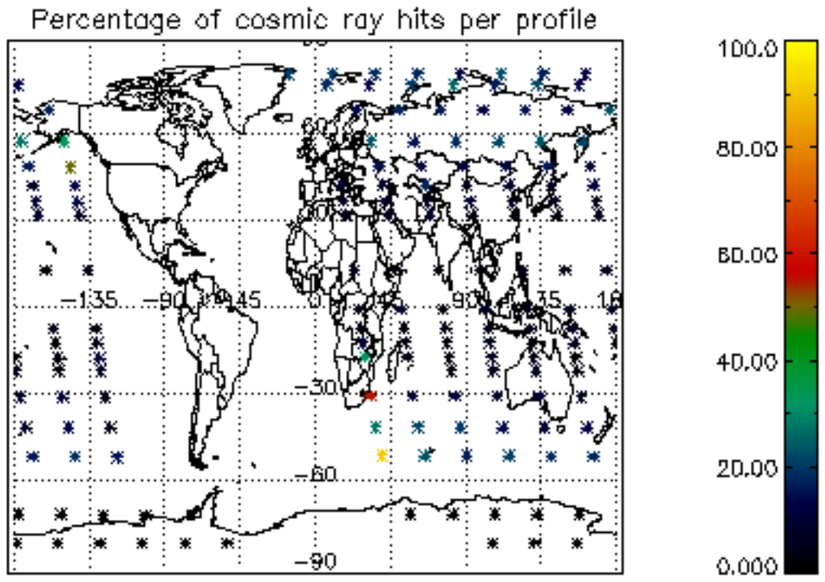

Percentage of flagged data per H2O profile
60
-30
-60
-90
100.0
90.00
80.00
70.00
60.00
50.00

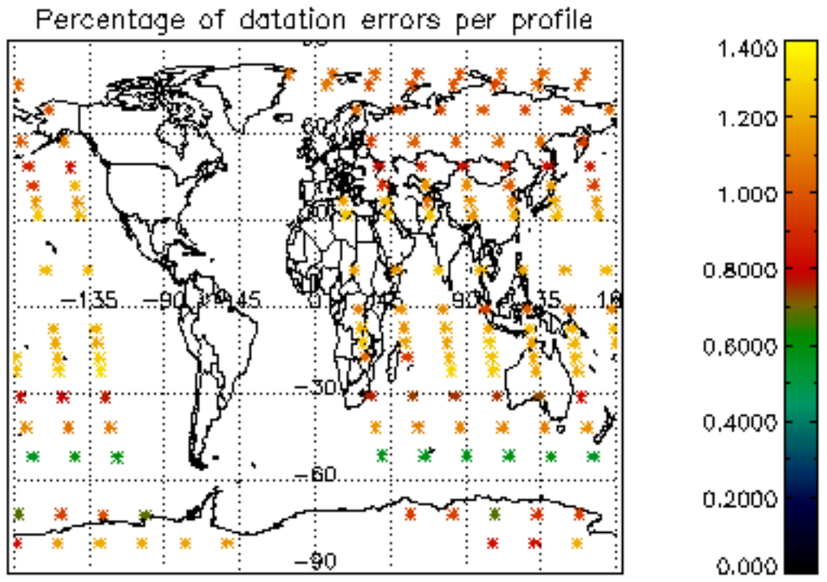

Percentage of flagged data per NO2 profile
60
-30
-60
-90
15.00
14.00
13.00
12.00
11.00
10.00
9.000
8.000
7.000

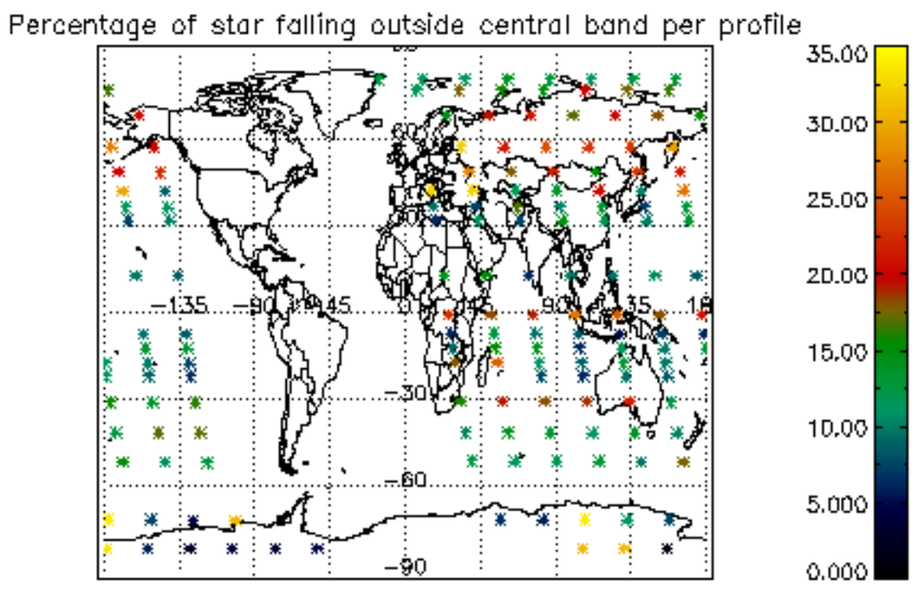

Percentage of flagged data per NO3 profile
60
-30
-60
-90
15.00
14.00
13.00
12.00
11.00
10.00
9.000
8.000
7.000

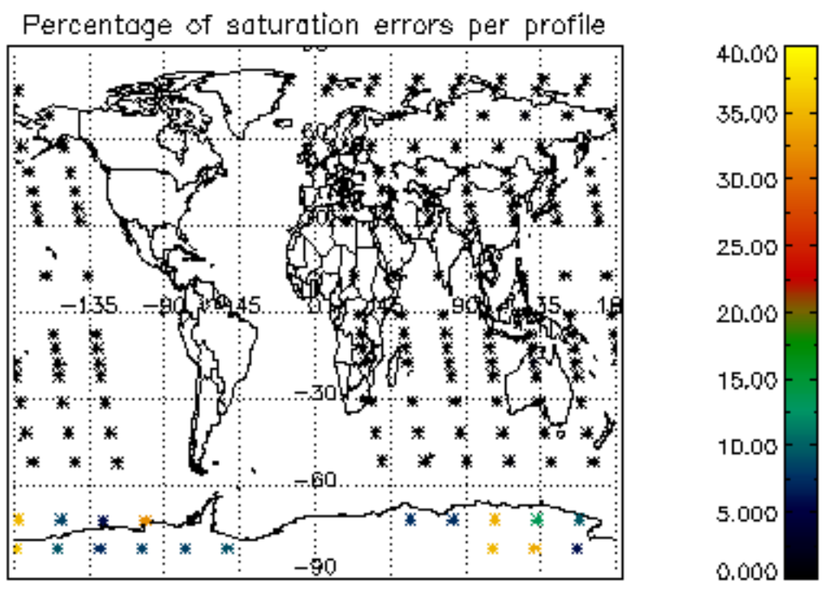

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
100
80
60
40
20
0
value (%)
06:00.00 29/12/2004
08:00.00 29/12/2004
10:00.00 29/12/2004
12:00.00 29/12/2004
14:00.00 29/12/2004
16:00.00 29/12/2004
18:00.00 29/12/2004
20:00.00 29/12/2004
22:00.00 29/12/2004
Time


invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
value (%)
0
5
10
15
20
25
30
35
06:00.00 29/12/2004
08:00.00 29/12/2004
10:00.00 29/12/2004
12:00.00 29/12/2004
14:00.00 29/12/2004
16:00.00 29/12/2004
18:00.00 29/12/2004
20:00.00 29/12/2004
Time

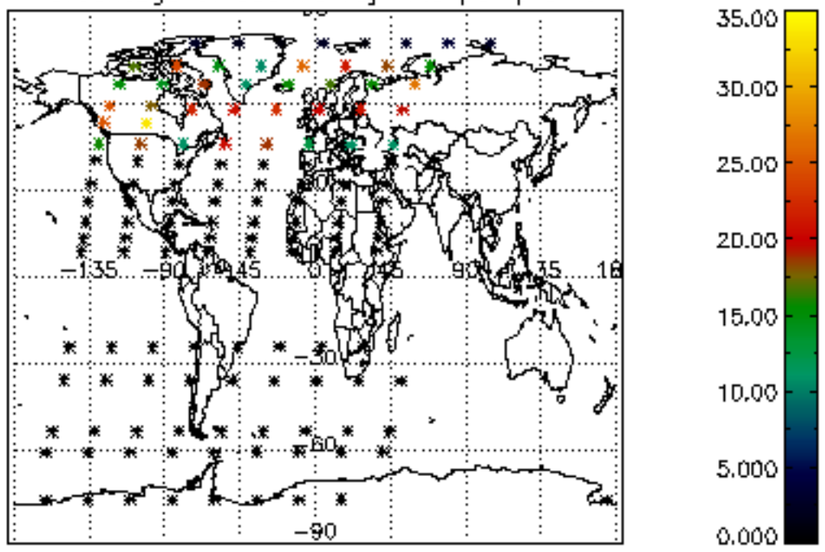

Percentage of cosmic ray hits per profile
100.0
80.00
60.00
40.00
20.00
0.000
−135
−90
−30
−60
−90


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

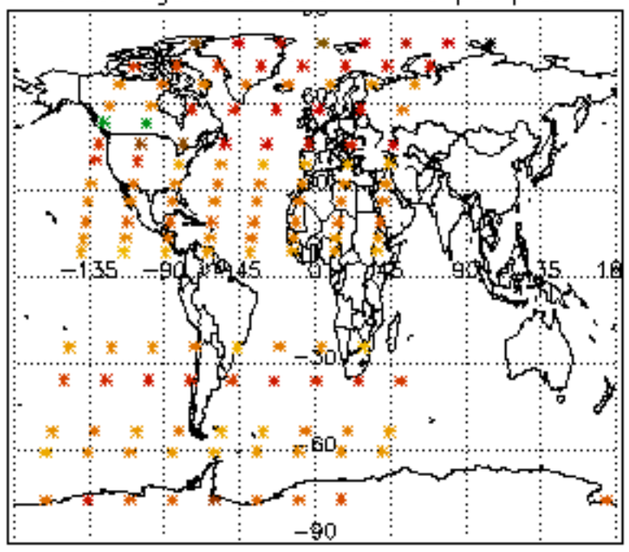

Percentage of star falling outside central band per profile
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−30
−60
−90

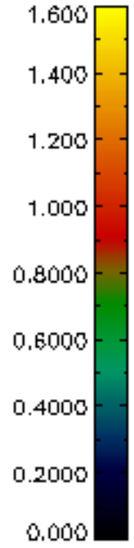

Percentage of saturation errors per profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−30
−60
−90

Percentage of cosmic ray hits per profile

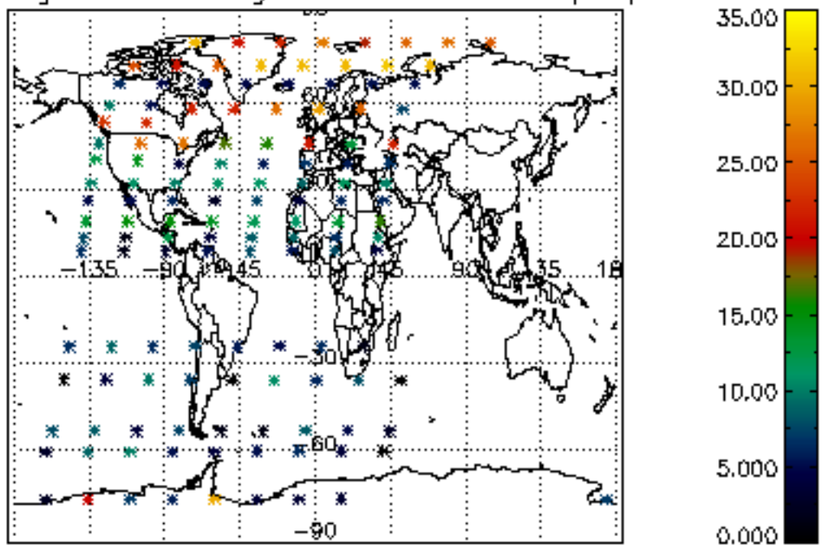


Percentage of datation errors per profile

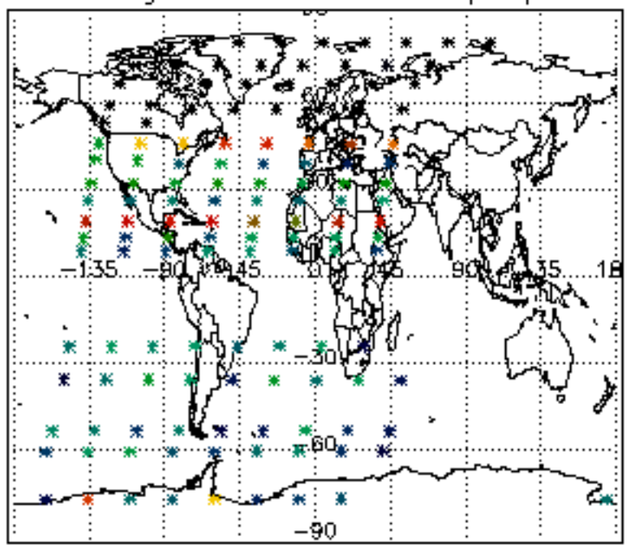


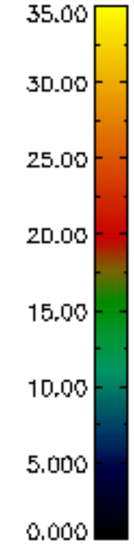


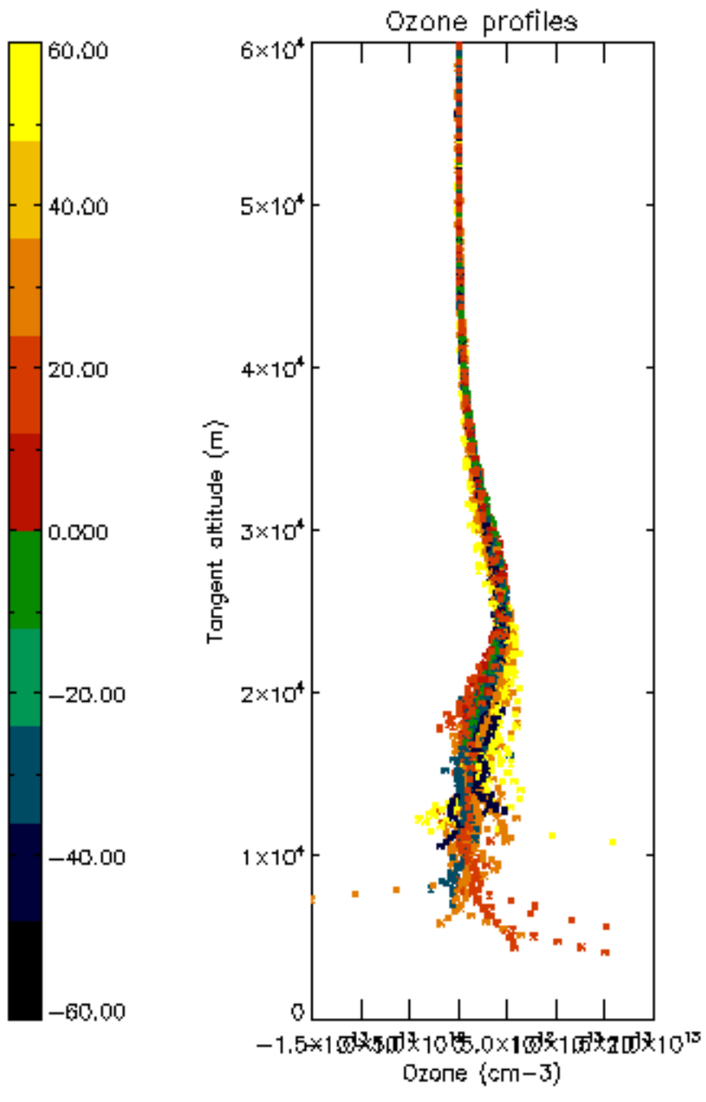
Percentage of star falling outside central band per profile

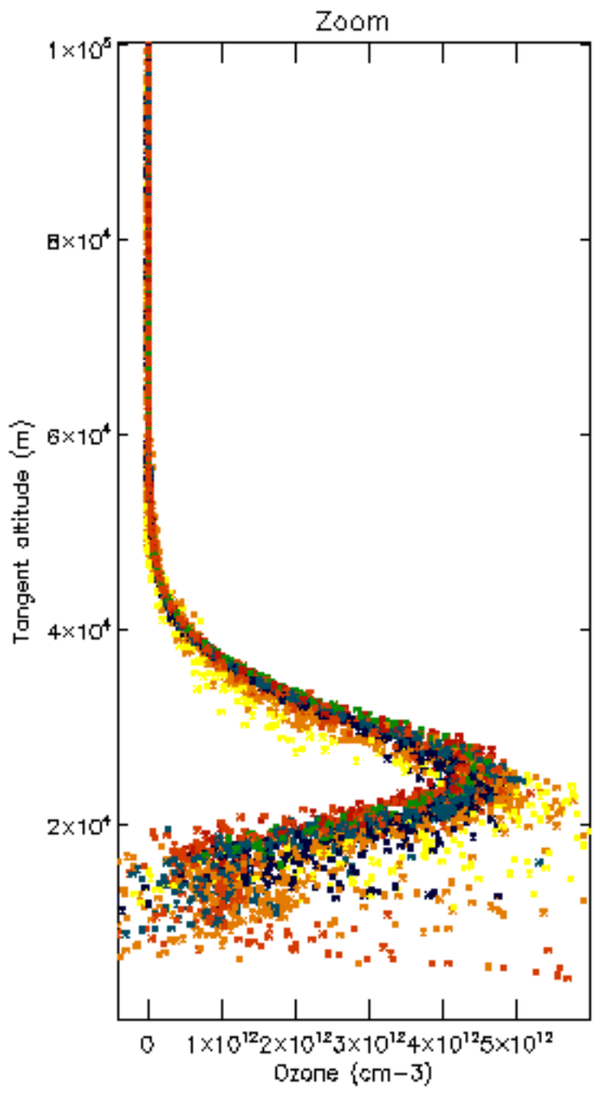


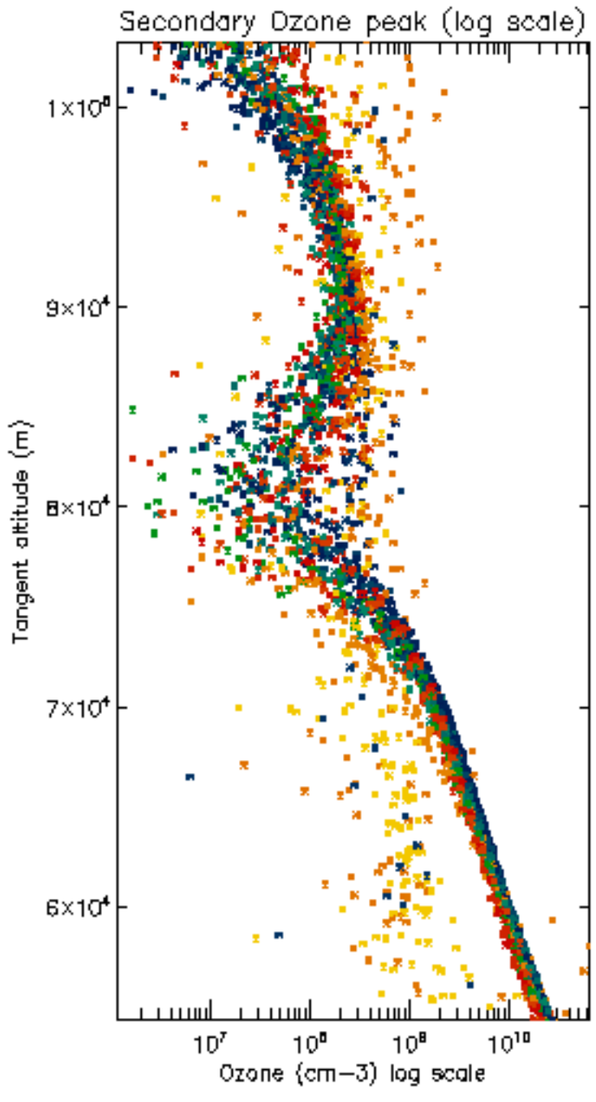
Percentage of saturation errors per profile

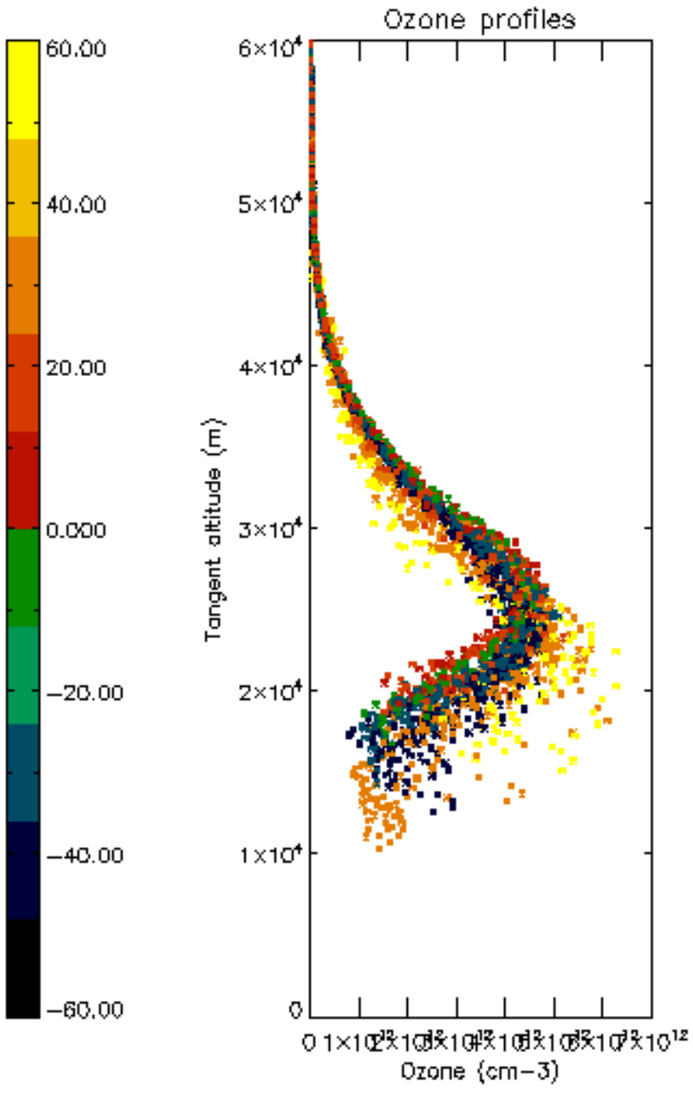





60.00
40.00
20.00
0.000
−20.00
−40.00
−60.00
Ozone profiles
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
Ozone (cm−3)

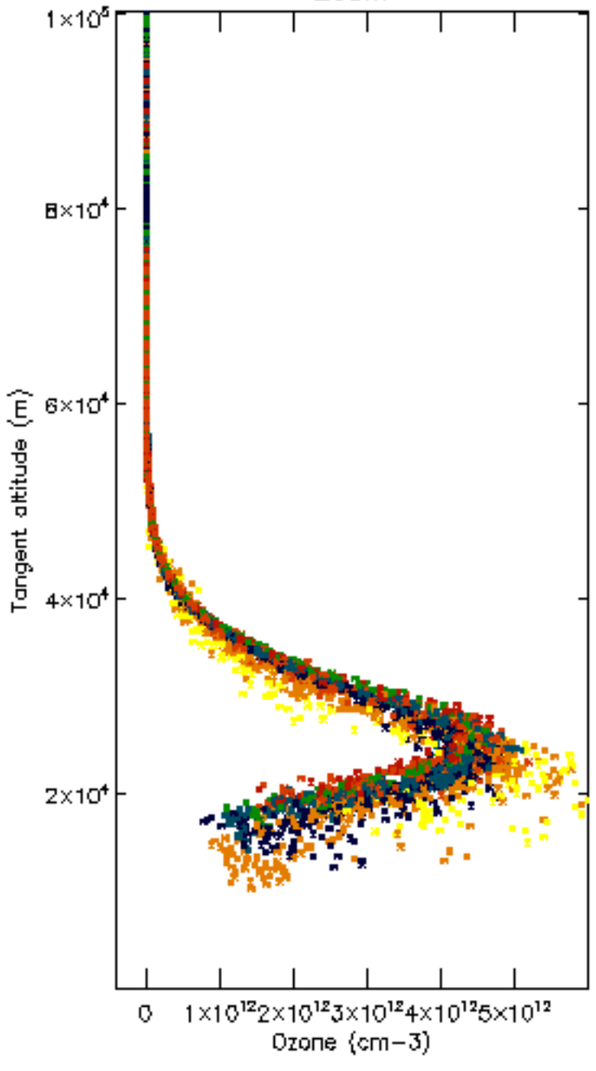

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
Ozone (cm−3)


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

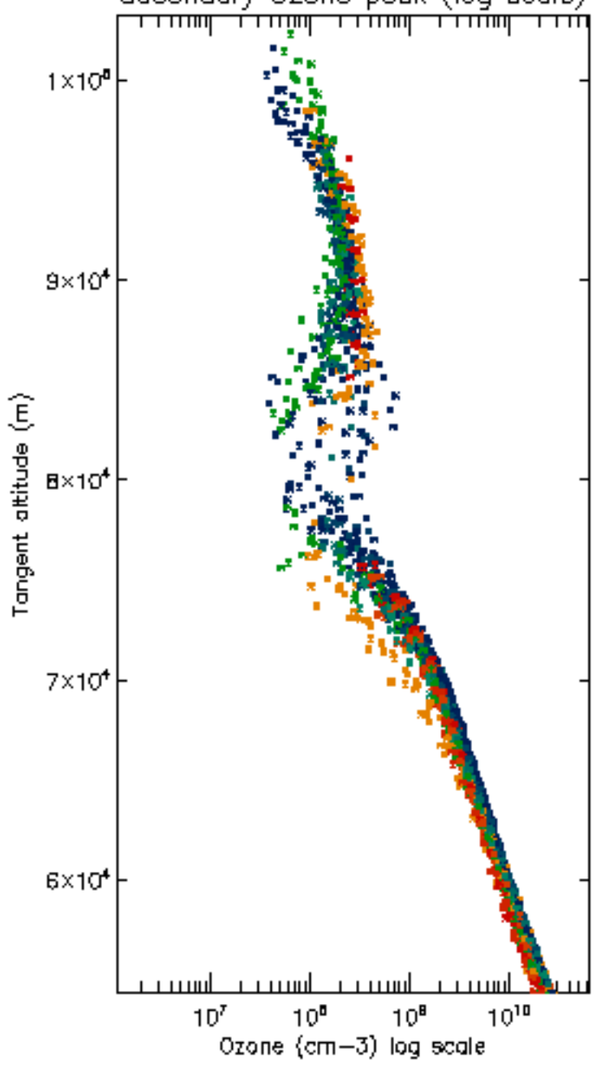


Ozone profiles

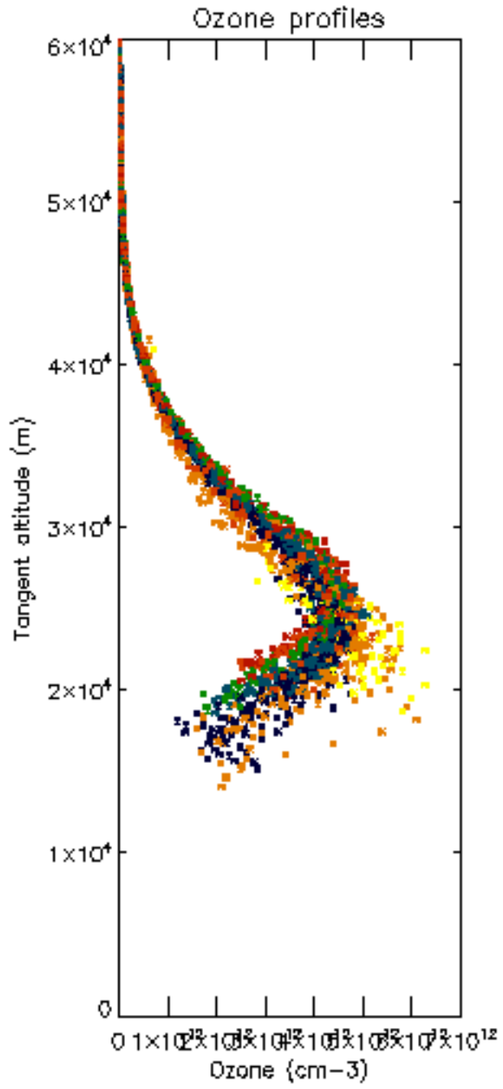
Zoom

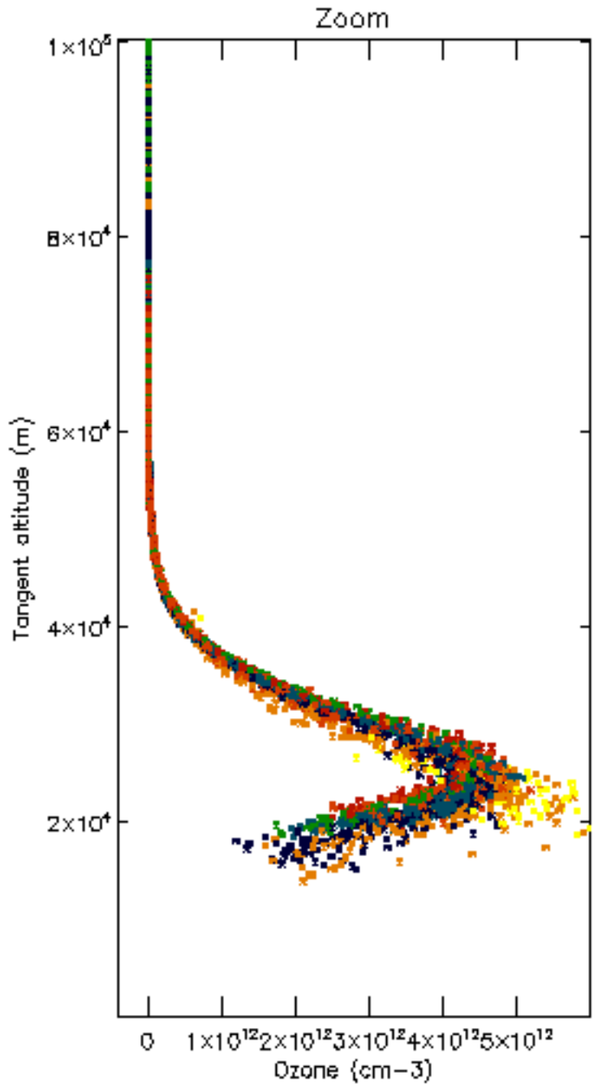


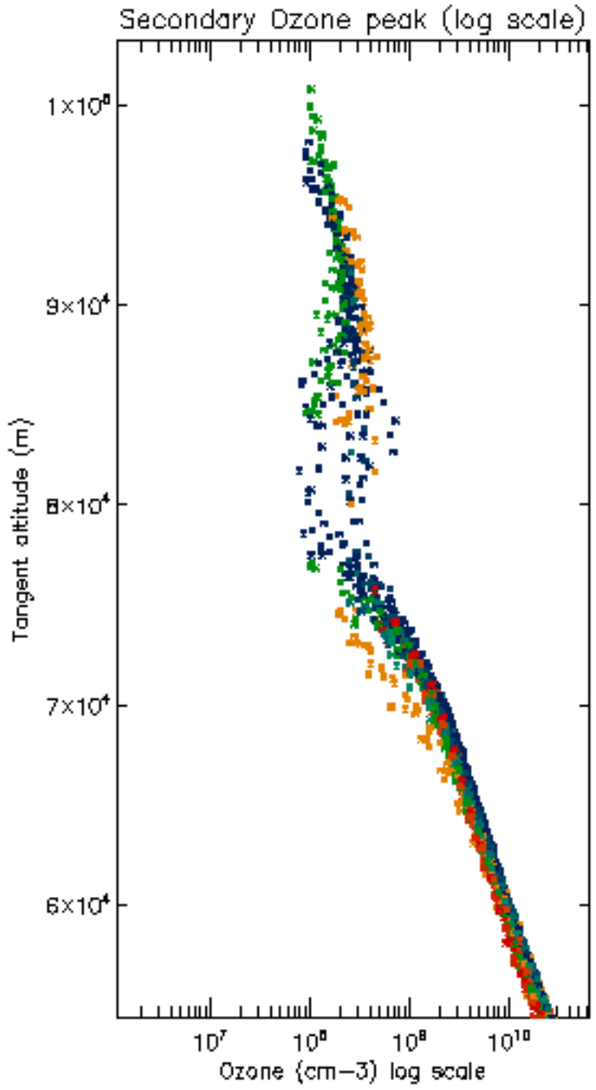
Secondary Ozone peak (log scale)



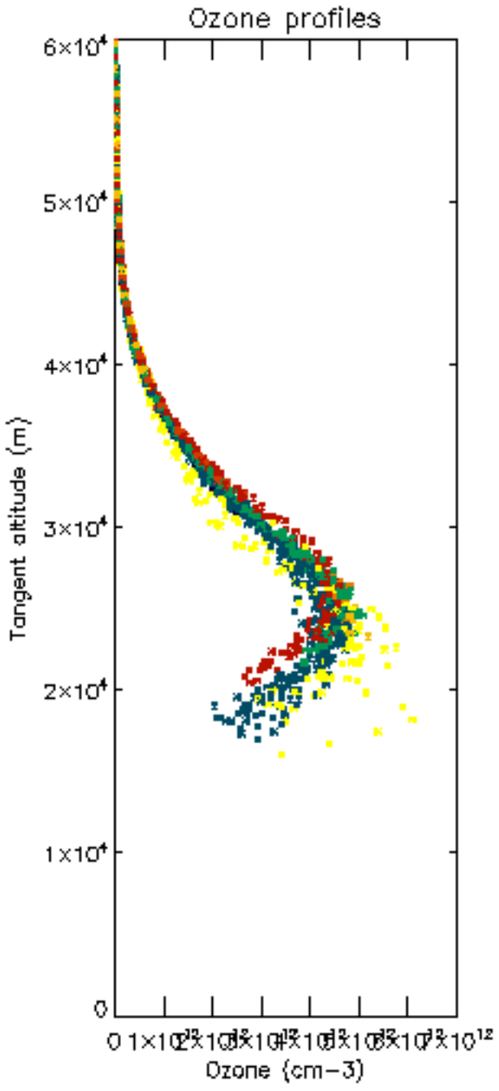

60.00
40.00
20.00
0.000
−20.00
−40.00
−60.00

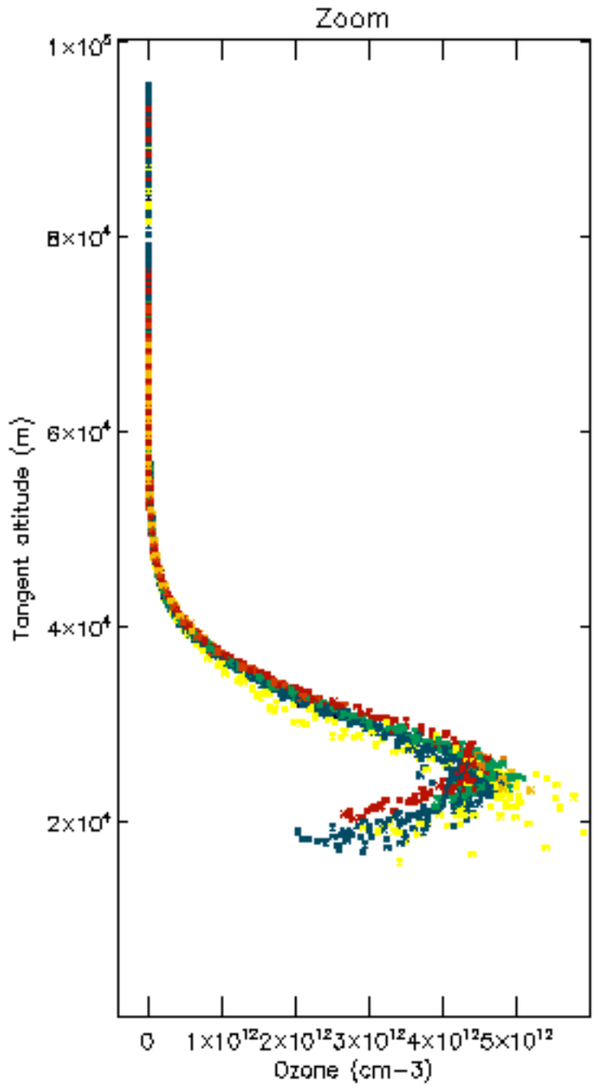

Ozone profiles
Tangent altitude (m)
Ozone (cm−3)

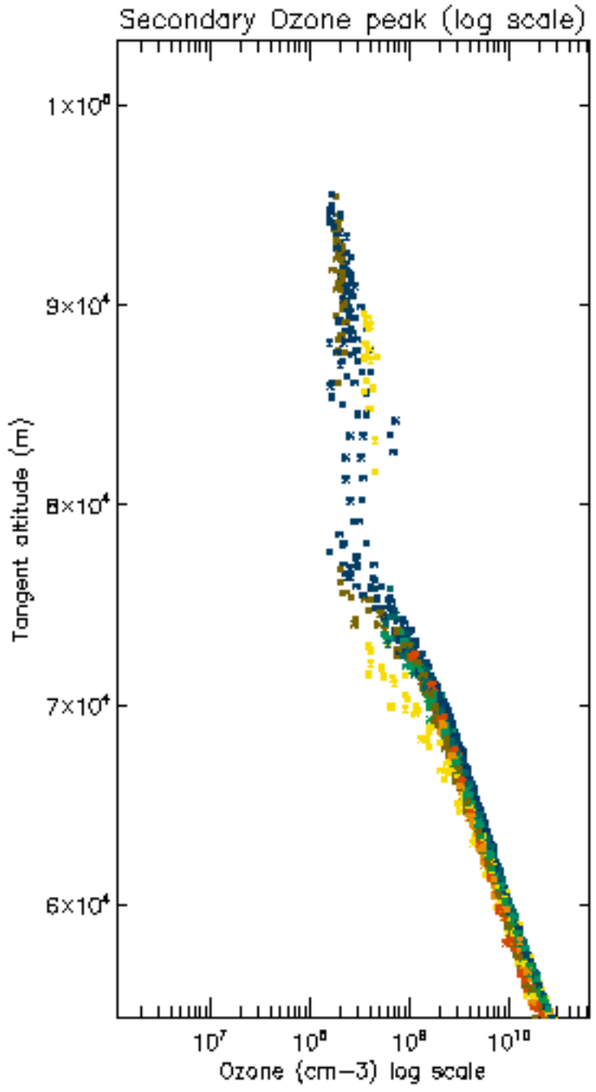

Zoom
Tangent altitude (m)
Ozone (cm−3)

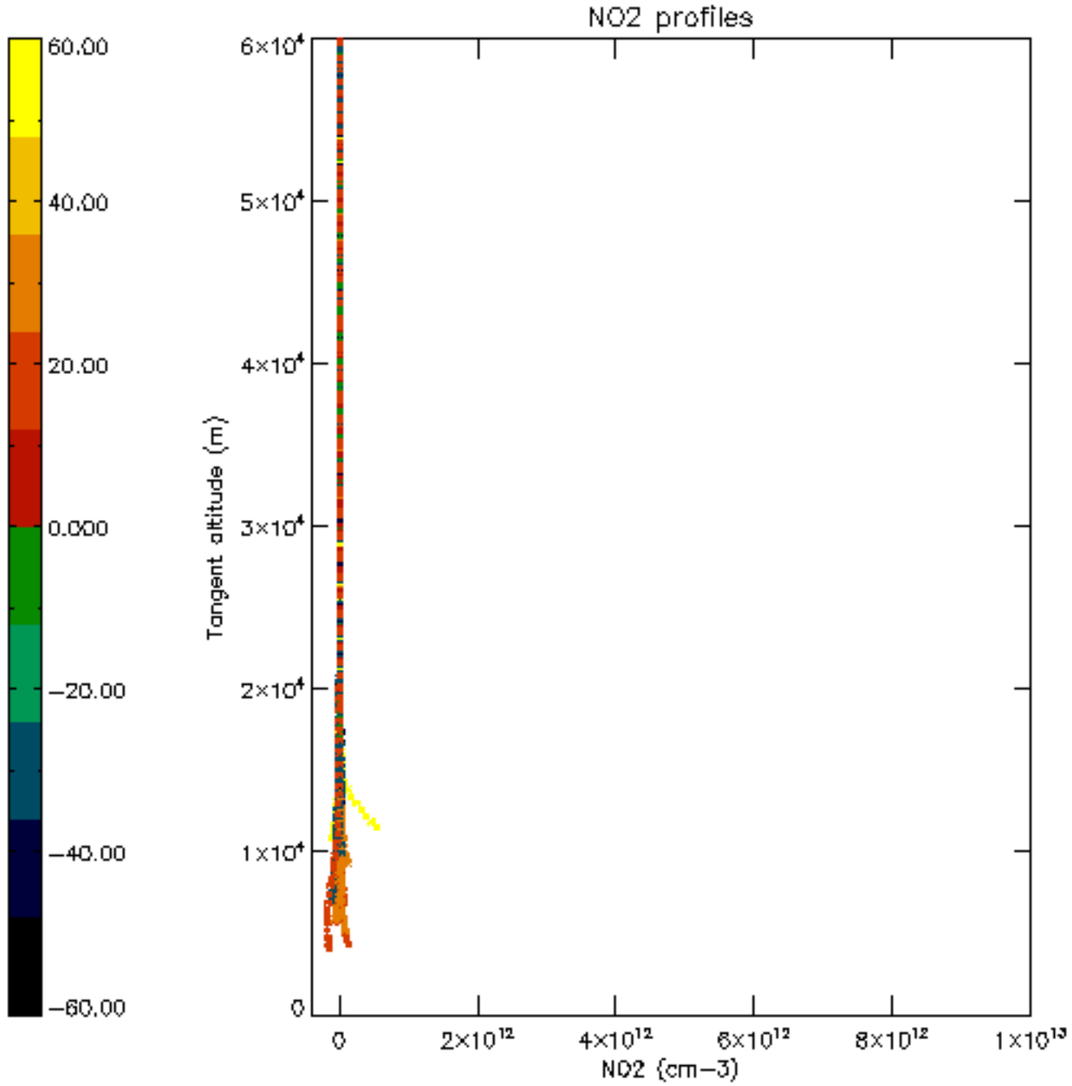

Secondary Ozone peak (log scale)
Tangent altitude (m)
Ozone (cm−3) log scale

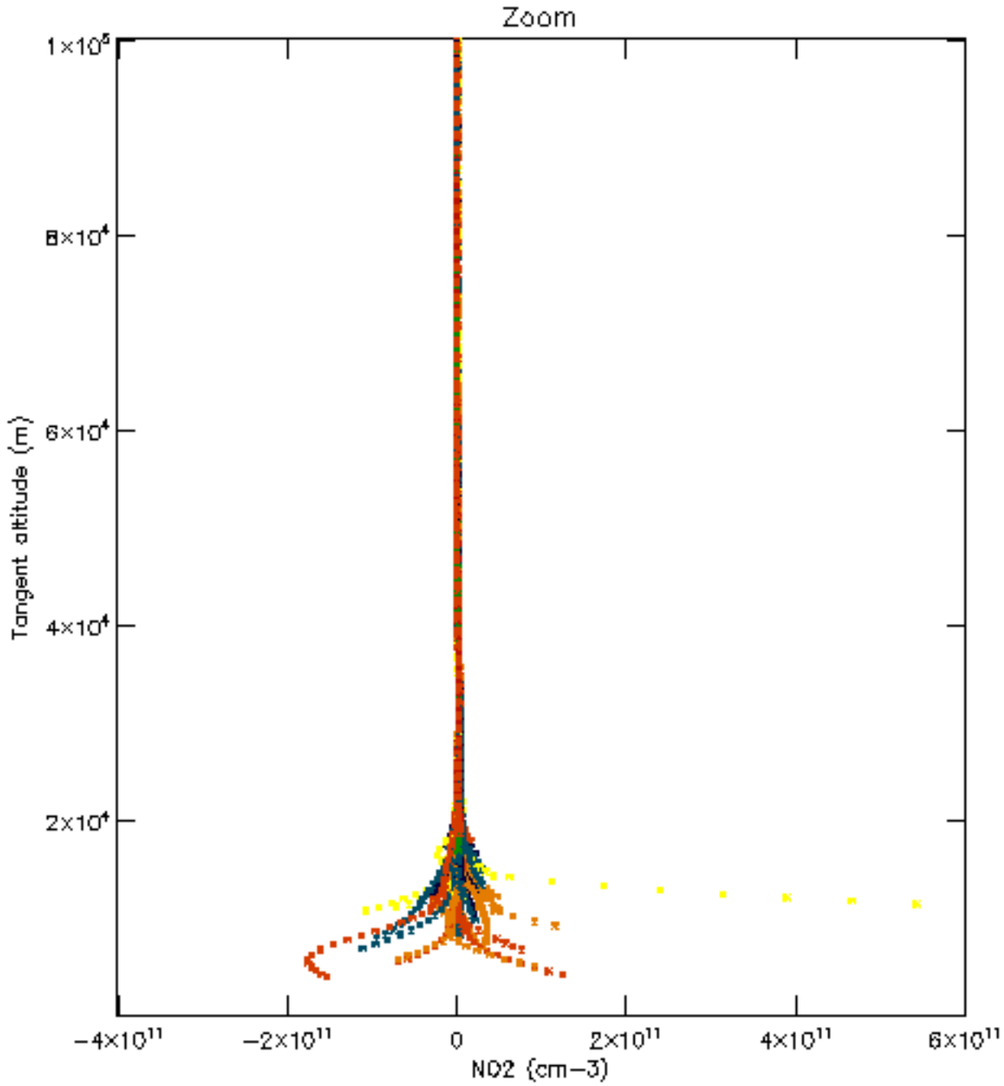

40.00
20.00
0.000
−20.00
−40.00
−60.00

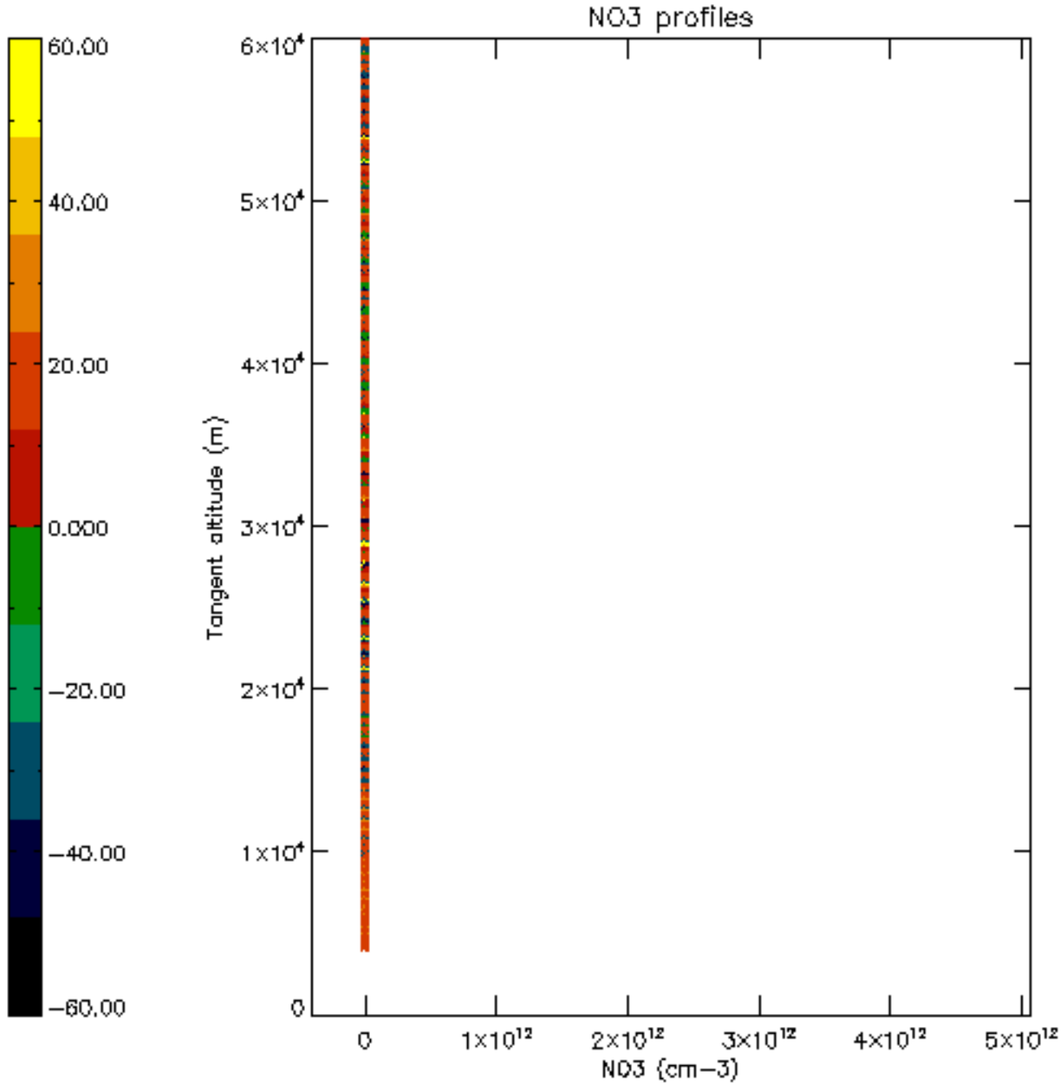

Ozone profiles
Tangent altitude (m)
Ozone (cm−3)

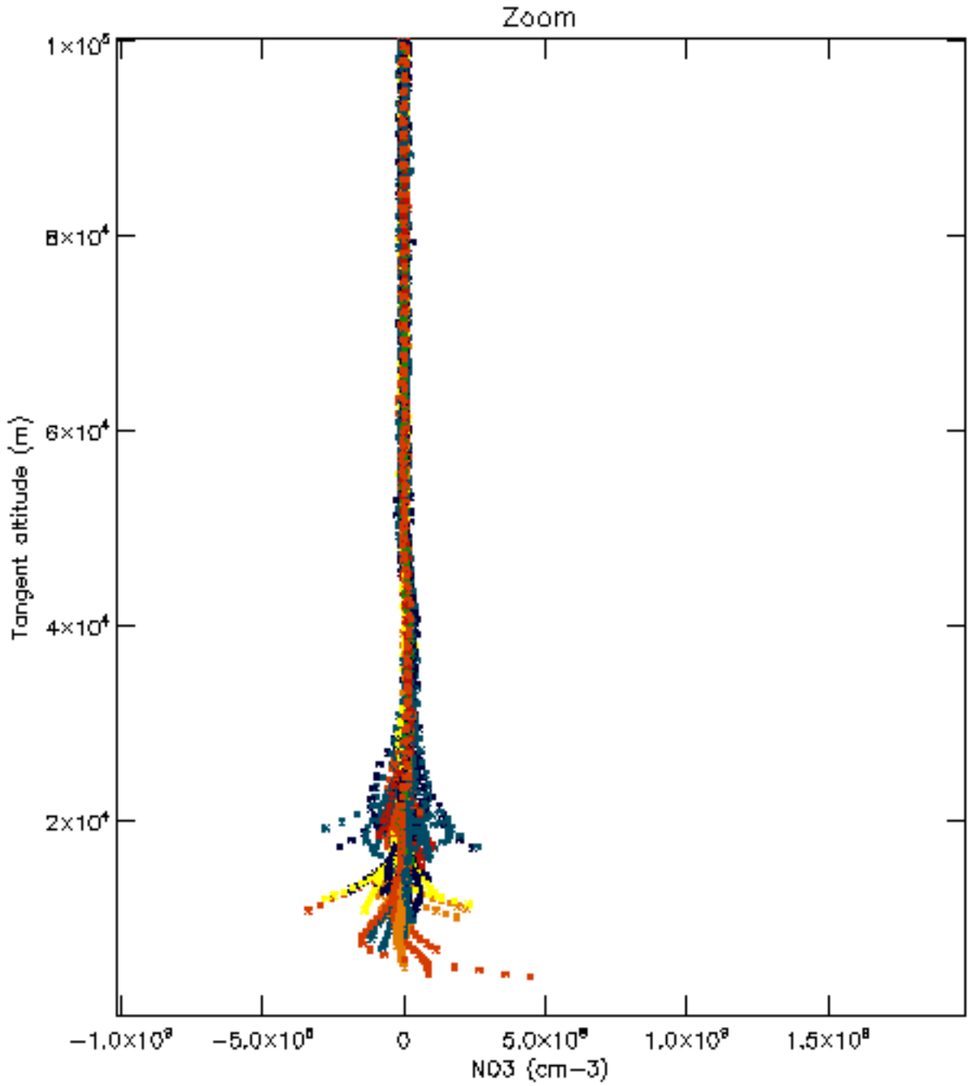

Zoom
Tangent altitude (m)
Ozone (cm−3)

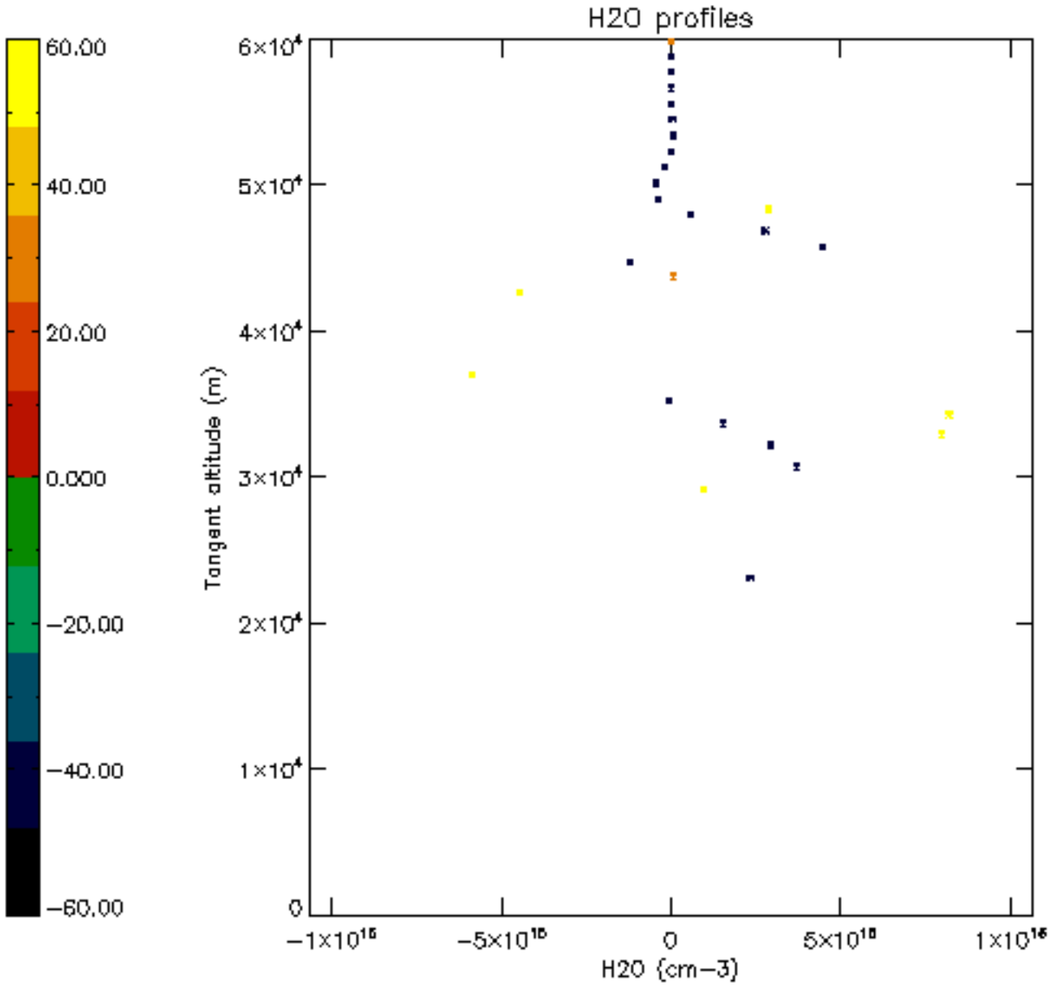

Secondary Ozone peak (log scale)
Tangent altitude (m)
Ozone (cm−3) log scale

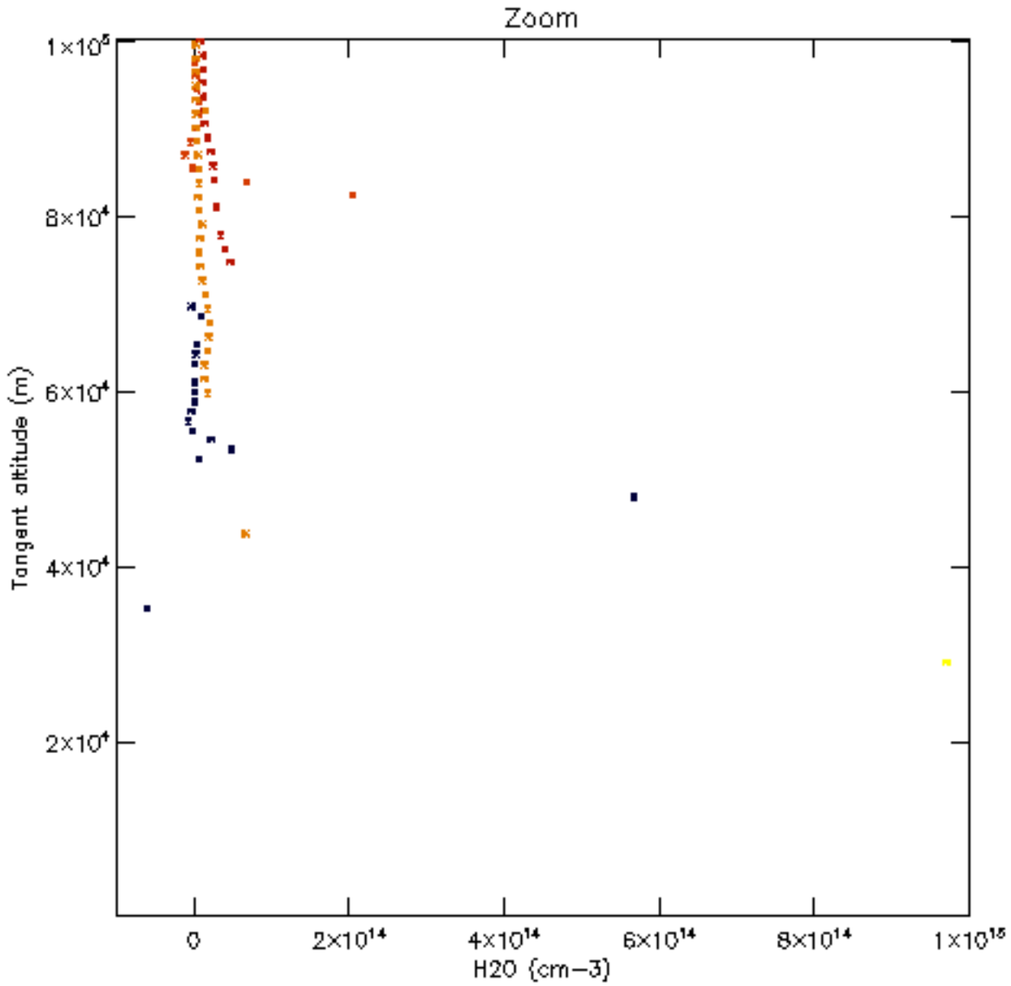

NO2 profiles
60.00
40.00
20.00
0.000
−20.00
−40.00
−60.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
0
2×10¹²
4×10¹²
6×10¹²
8×10¹²
1×10¹³
NO2 (cm−3)

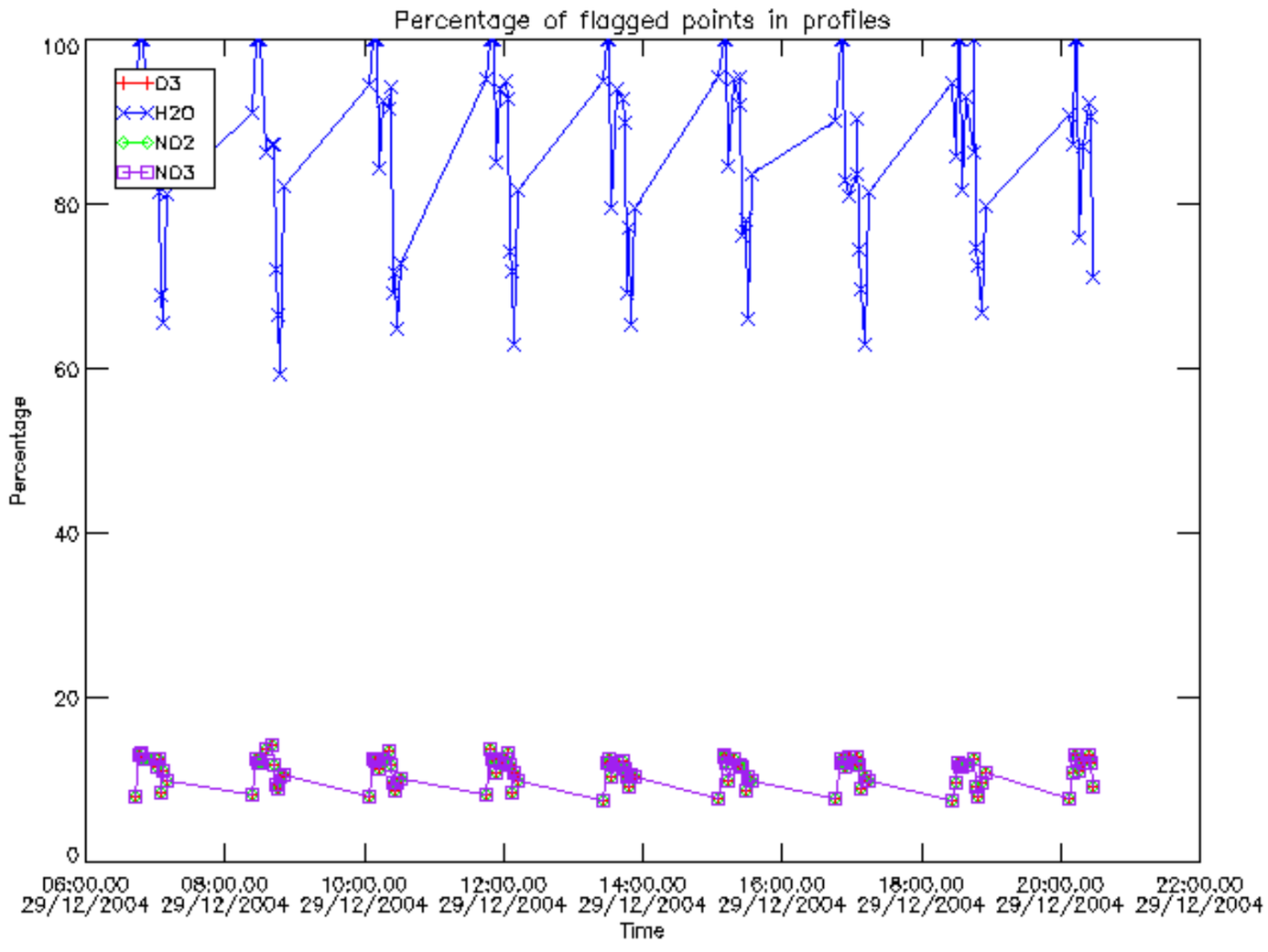

Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
−4×10¹¹
−2×10¹¹
0
2×10¹¹
4×10¹¹
6×10¹¹
NO2 (cm−3)

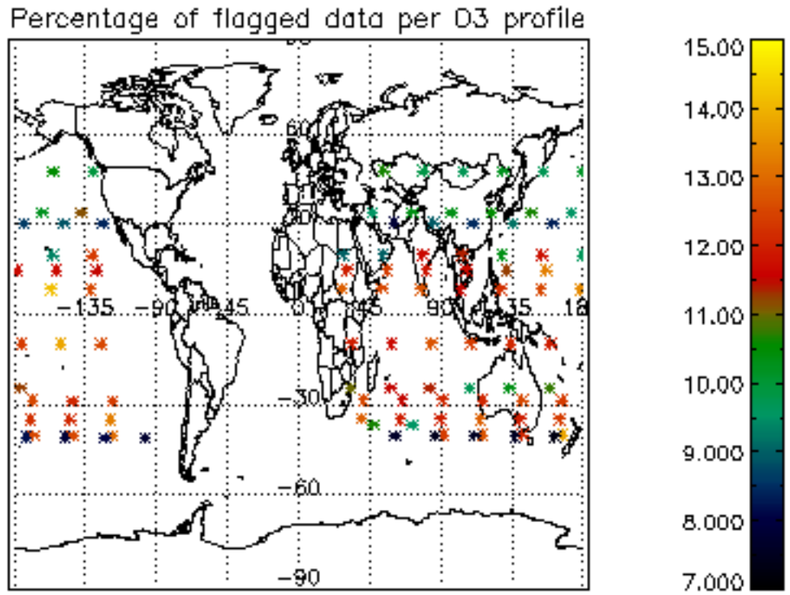

NO3 profiles
60.00
40.00
20.00
0.000
−20.00
−40.00
−60.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
NO3 (cm−3)

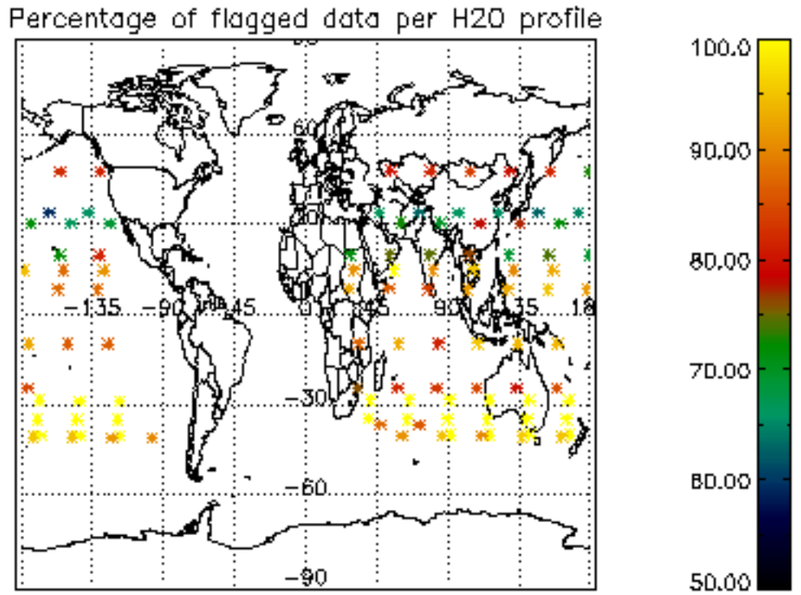

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
−1.0×10⁹
−5.0×10⁸
0
5.0×10⁸
1.0×10⁹
1.5×10⁹
NO3 (cm−3)

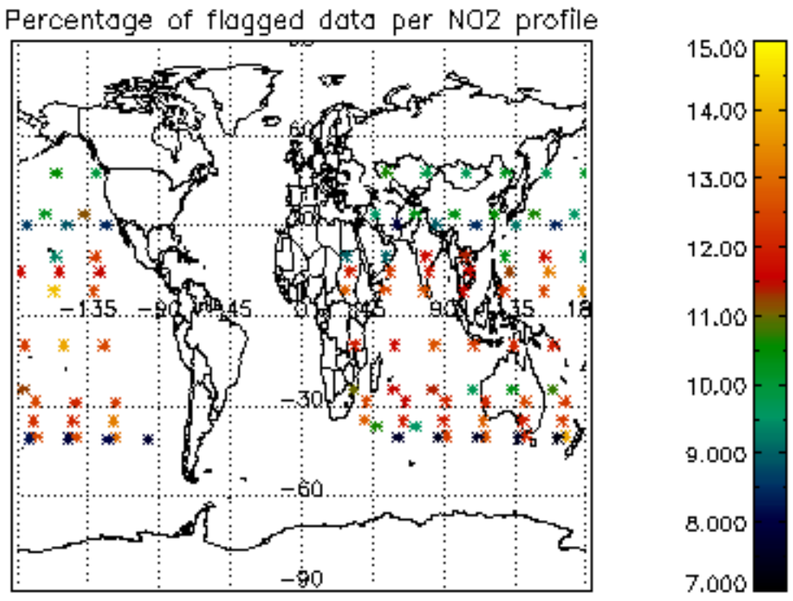

H2O profiles
60.00
40.00
20.00
0.000
−20.00
−40.00
−60.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
−1×10¹⁵
−5×10¹⁴
0
5×10¹⁴
1×10¹⁵
H2O (cm−3)

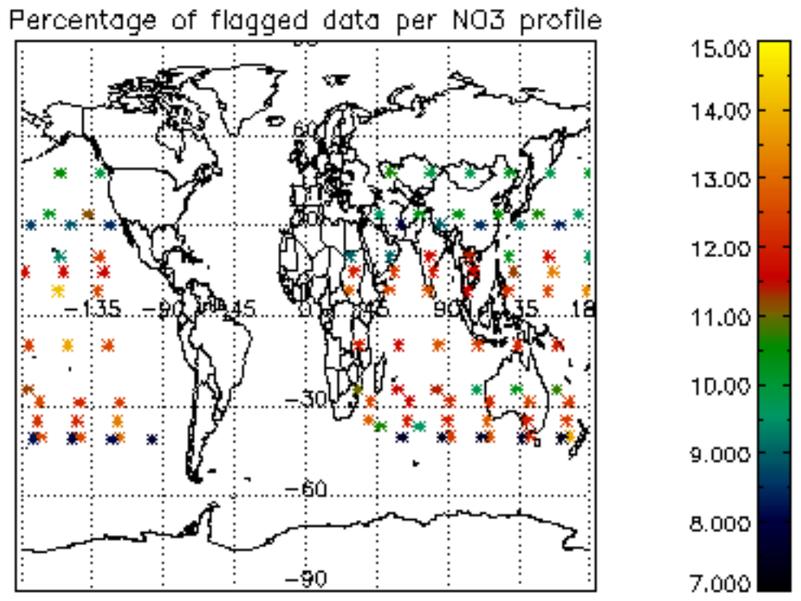

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0
2×10¹⁴
4×10¹⁴
6×10¹⁴
8×10¹⁴
1×10¹⁵
H2O (cm−3)

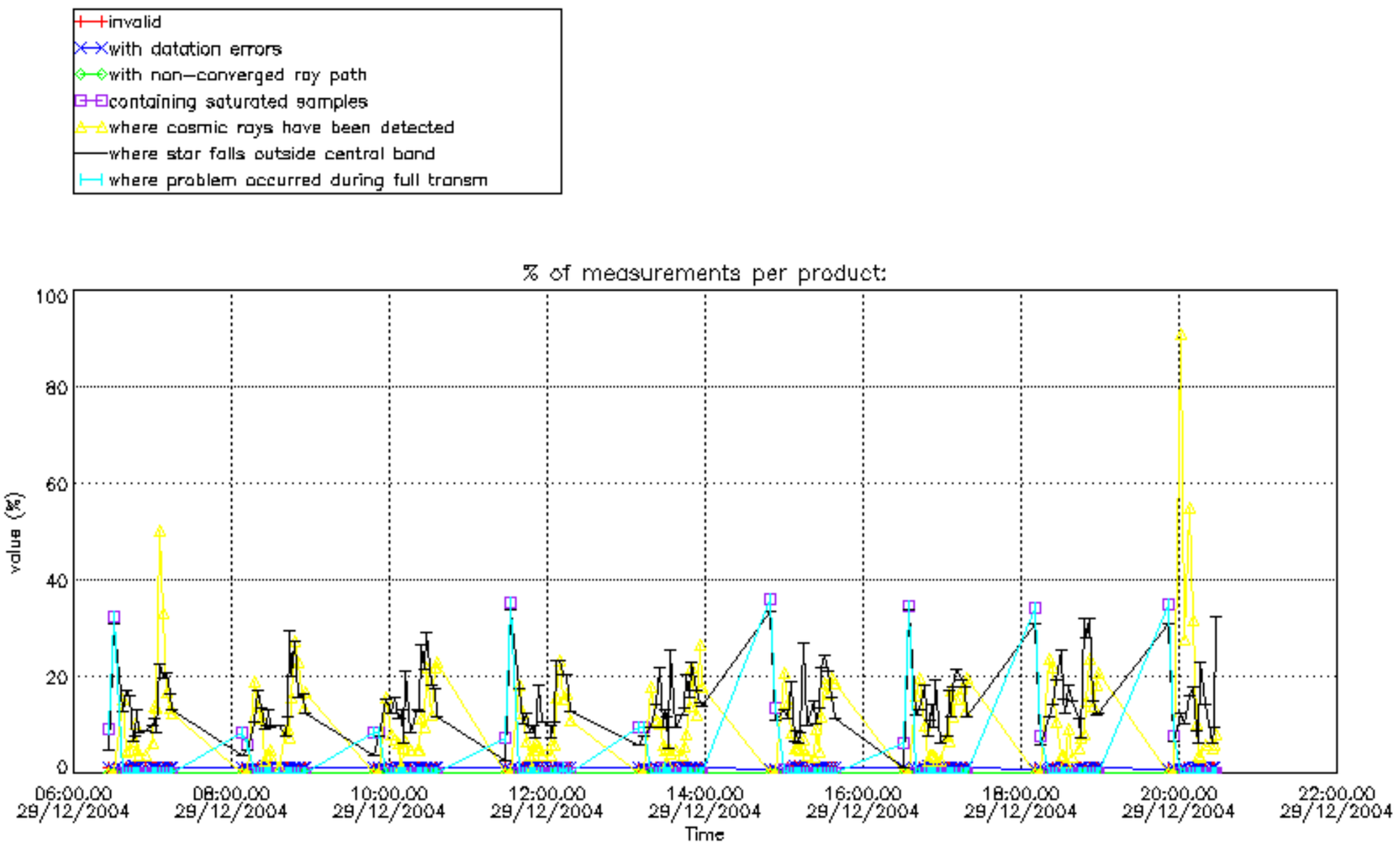

Percentage of flagged points in profiles
O3
H2O
NO2
NO3
100
80
60
40
20
0
Percentage
06:00.00
29/12/2004
08:00.00
29/12/2004
10:00.00
29/12/2004
12:00.00
29/12/2004
14:00.00
29/12/2004
16:00.00
29/12/2004
18:00.00
29/12/2004
20:00.00
29/12/2004
22:00.00
29/12/2004
Time

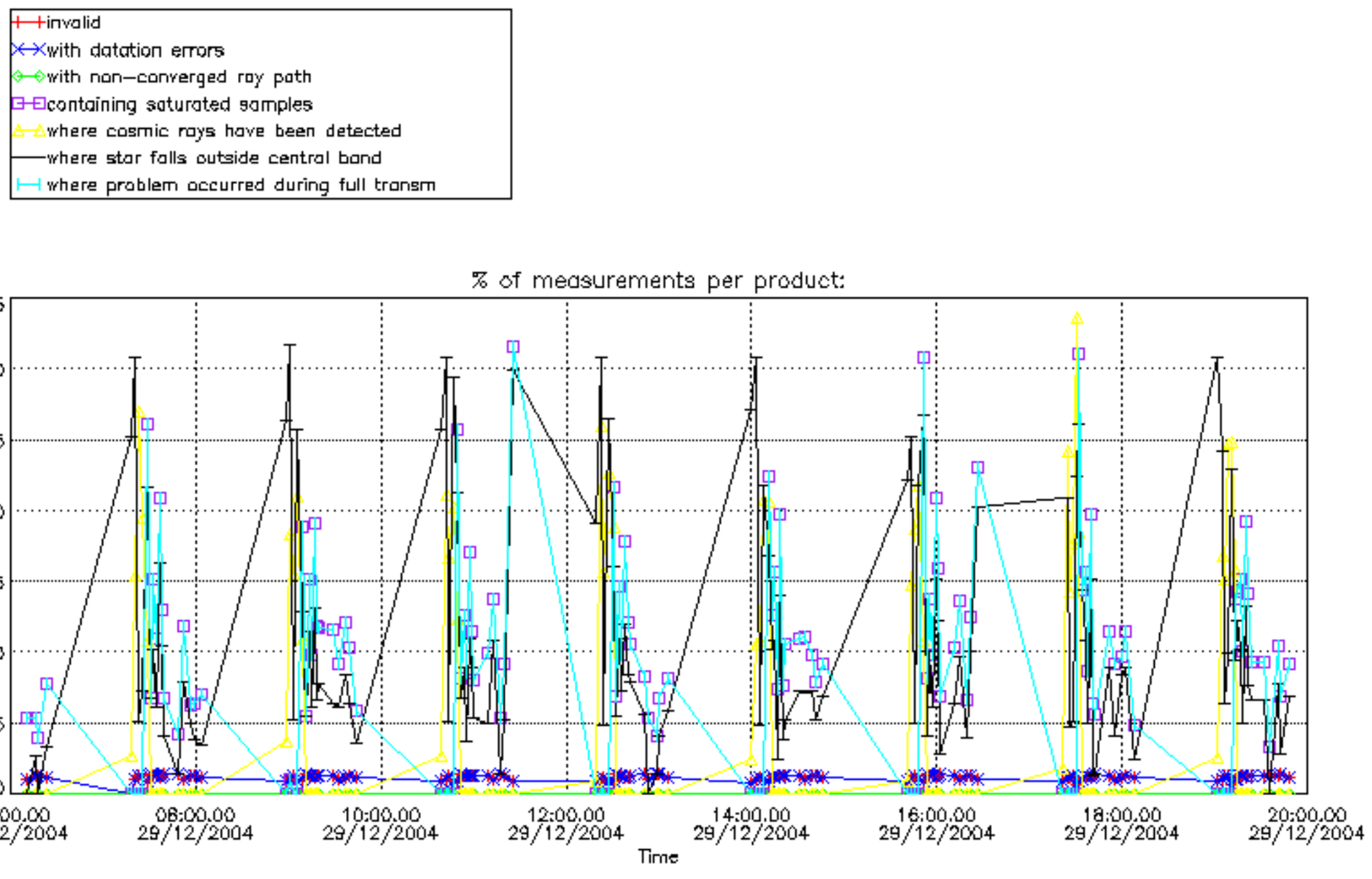

Percentage of flagged data per O3 profile
60
-30
-60
-90
15.00
14.00
13.00
12.00
11.00
10.00
9.000
8.000
7.000

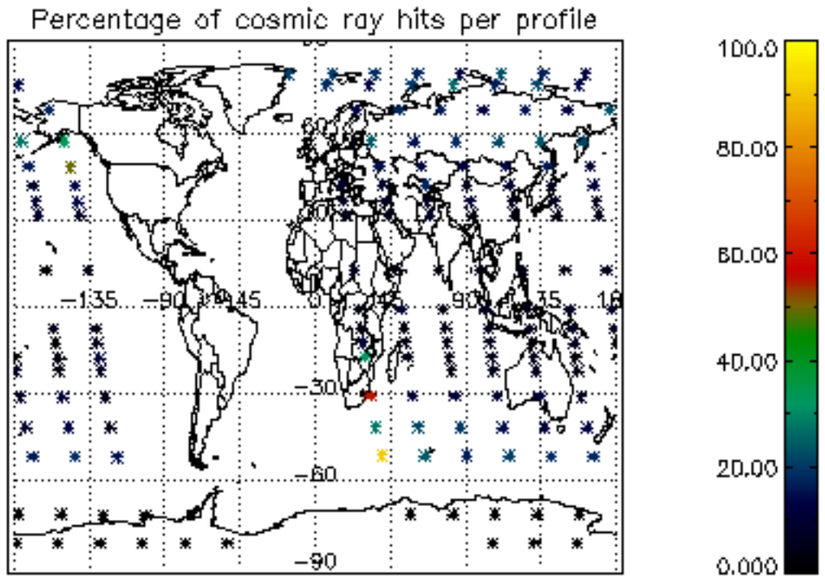

Percentage of flagged data per H2O profile
60
-30
-60
-90
100.0
90.00
80.00
70.00
60.00
50.00

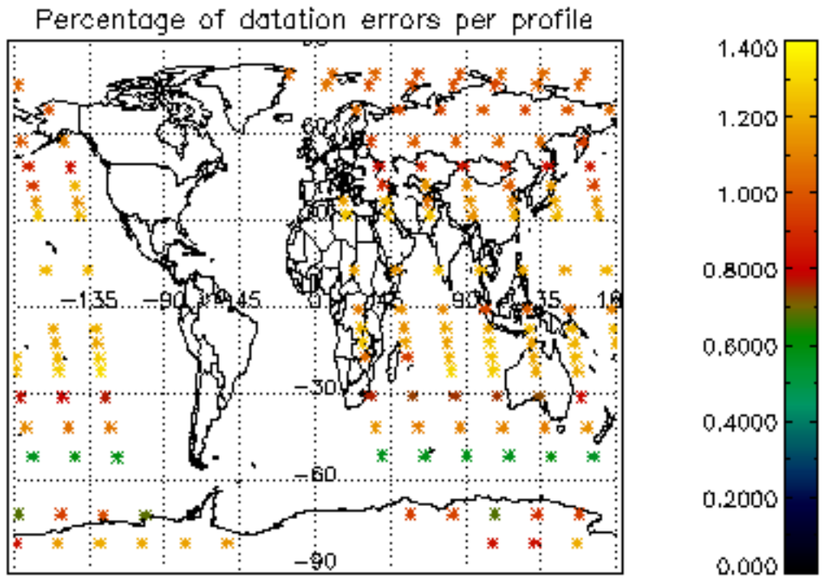

Percentage of flagged data per NO2 profile
60
-30
-60
-90
15.00
14.00
13.00
12.00
11.00
10.00
9.000
8.000
7.000

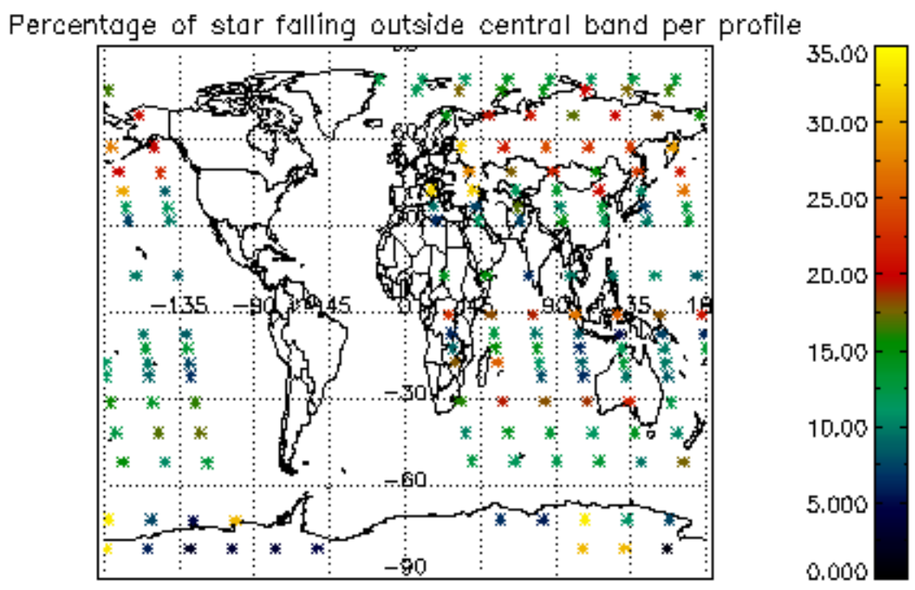

Percentage of flagged data per NO3 profile
60
-30
-60
-90
15.00
14.00
13.00
12.00
11.00
10.00
9.000
8.000
7.000

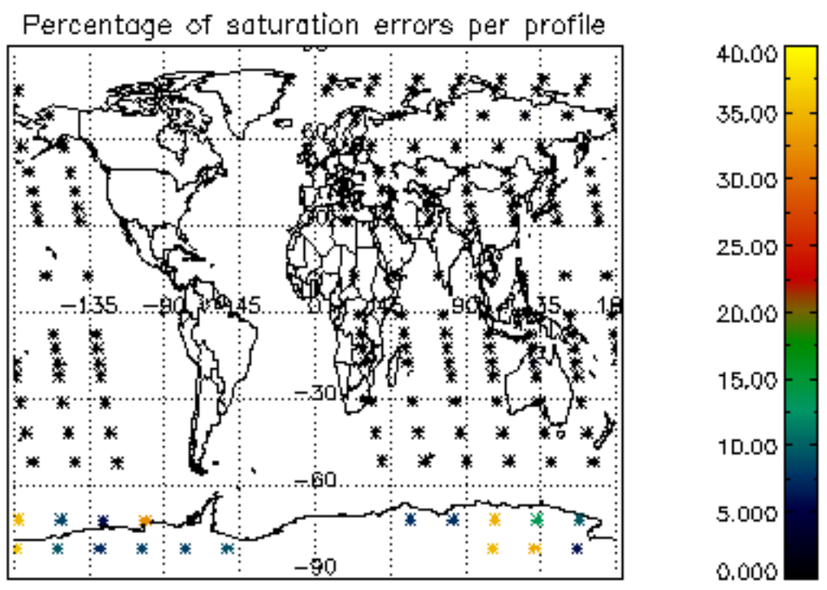

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
100
80
60
40
20
0
value (%)
06:00.00 29/12/2004
08:00.00 29/12/2004
10:00.00 29/12/2004
12:00.00 29/12/2004
14:00.00 29/12/2004
16:00.00 29/12/2004
18:00.00 29/12/2004
20:00.00 29/12/2004
22:00.00 29/12/2004
Time


invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
value (%)
0
5
10
15
20
25
30
35
06:00.00 29/12/2004
08:00.00 29/12/2004
10:00.00 29/12/2004
12:00.00 29/12/2004
14:00.00 29/12/2004
16:00.00 29/12/2004
18:00.00 29/12/2004
20:00.00 29/12/2004
Time

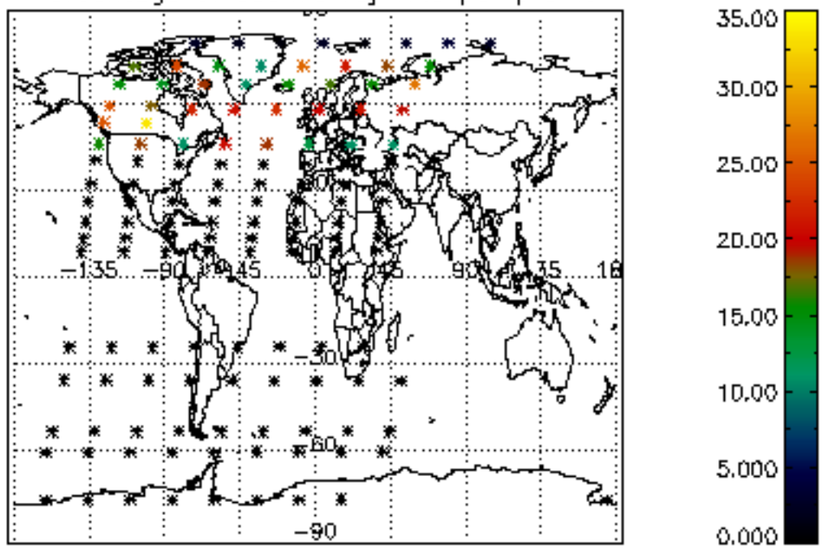

Percentage of cosmic ray hits per profile
100.0
80.00
60.00
40.00
20.00
0.000
−135
−90
−30
−60
−90


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

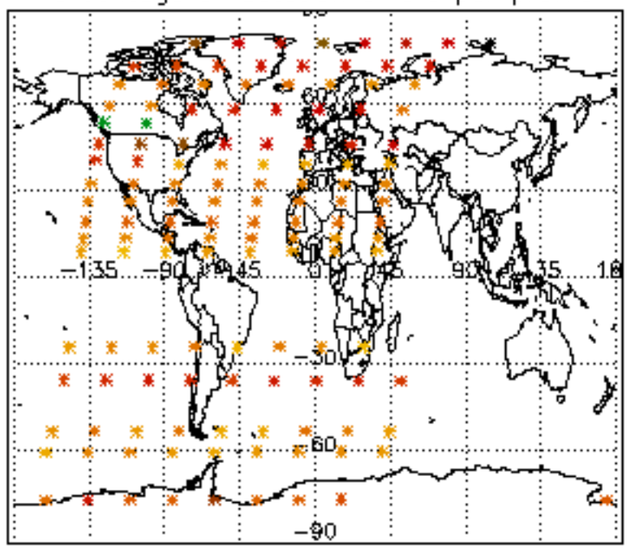

Percentage of star falling outside central band per profile
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−30
−60
−90

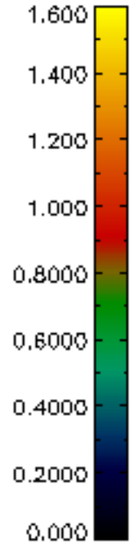

Percentage of saturation errors per profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−30
−60
−90

Percentage of cosmic ray hits per profile

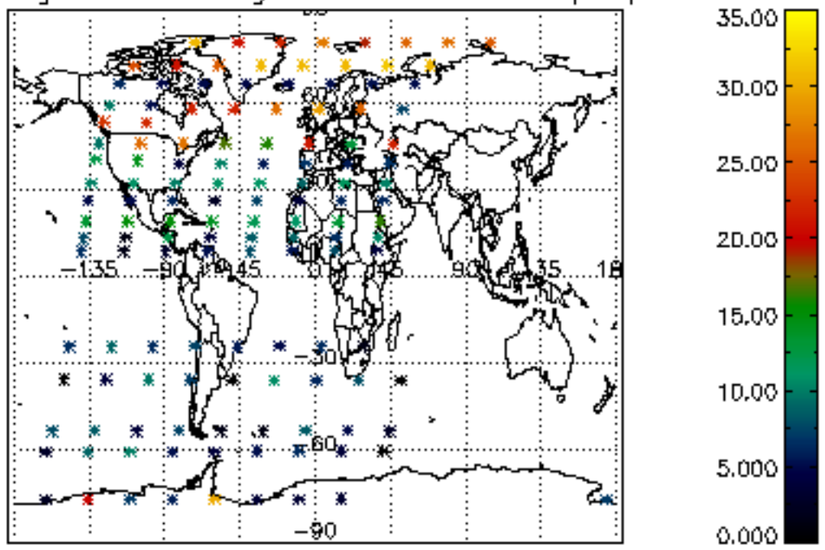


Percentage of datation errors per profile

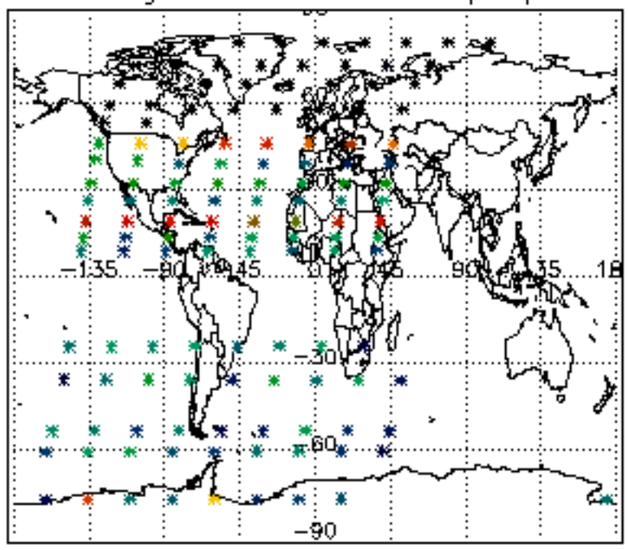


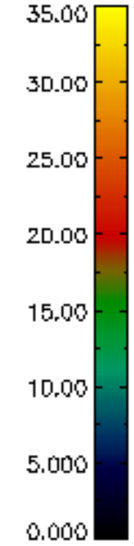


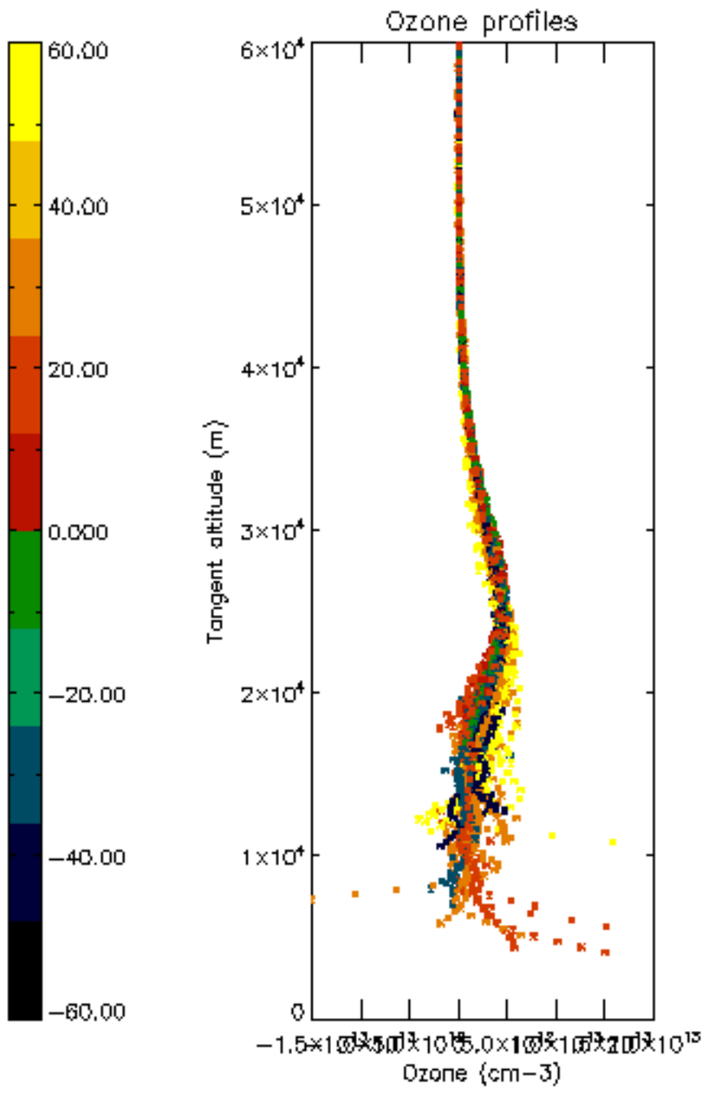
Percentage of star falling outside central band per profile

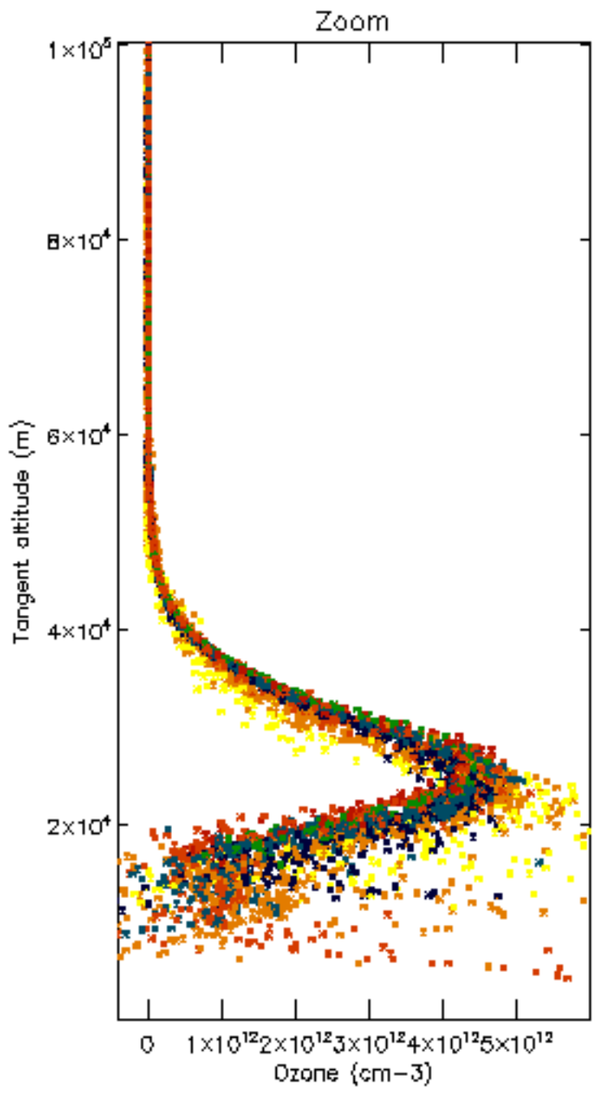


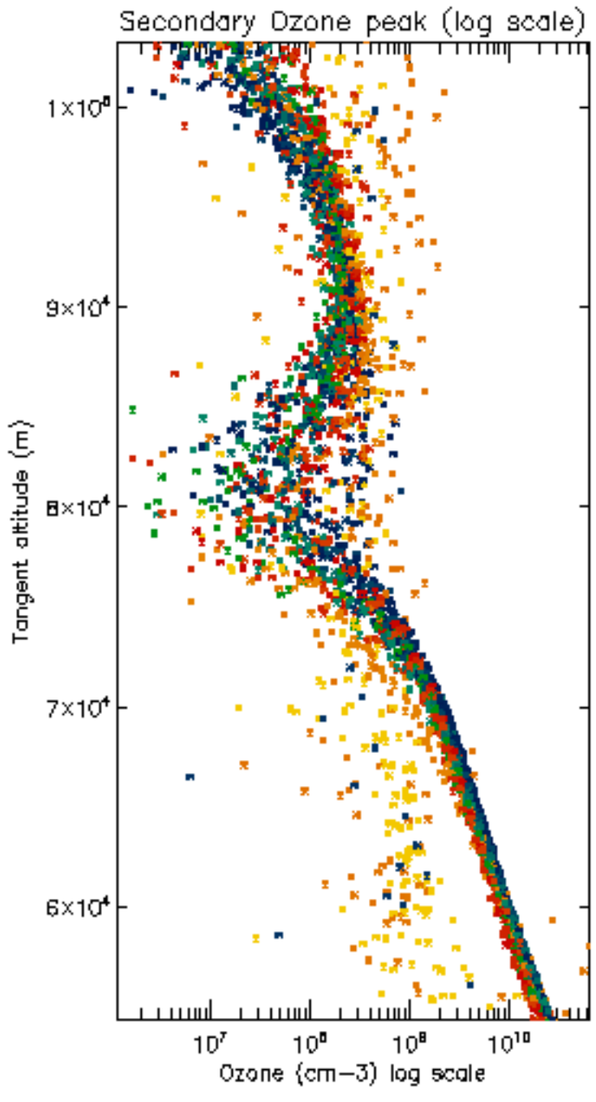
Percentage of saturation errors per profile

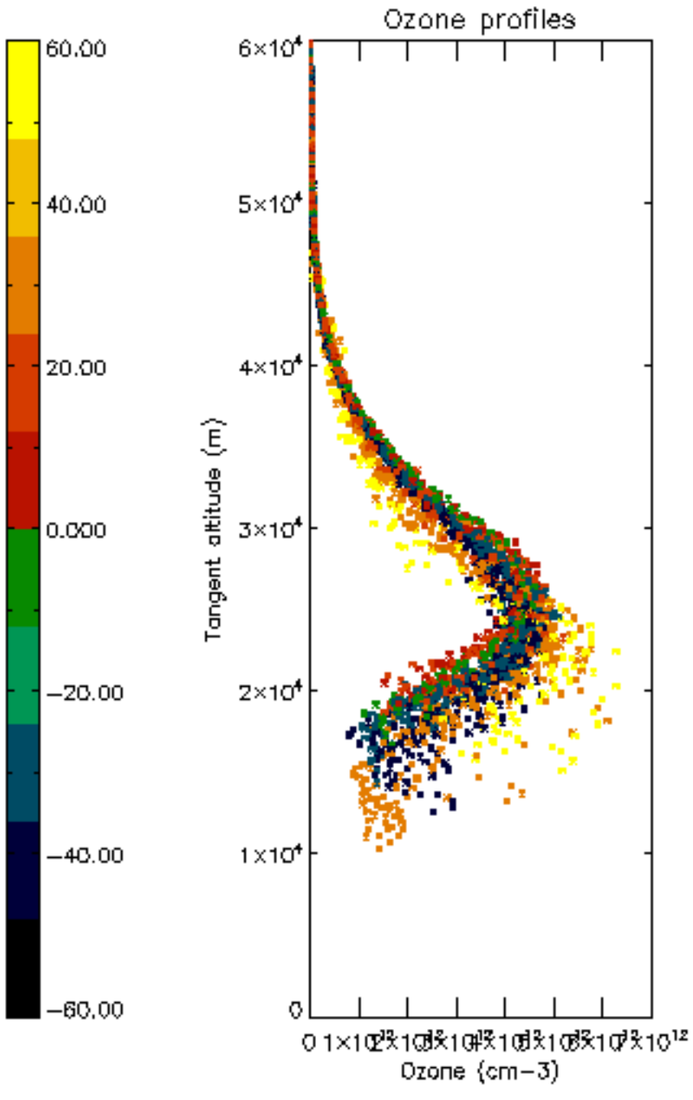





60.00
40.00
20.00
0.000
−20.00
−40.00
−60.00
Ozone profiles
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
Ozone (cm−3)

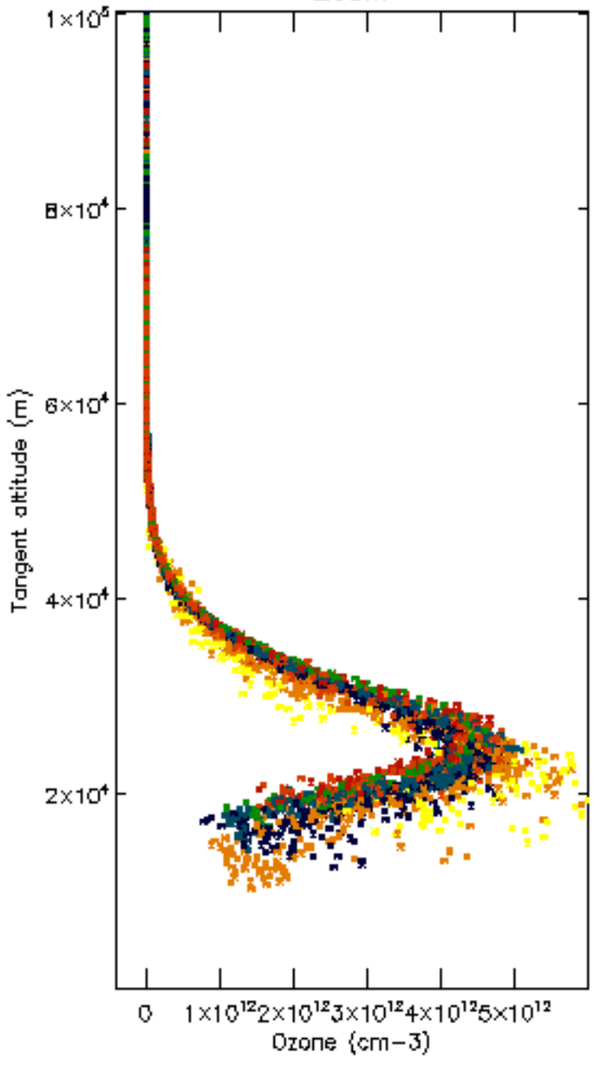

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
Ozone (cm−3)


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

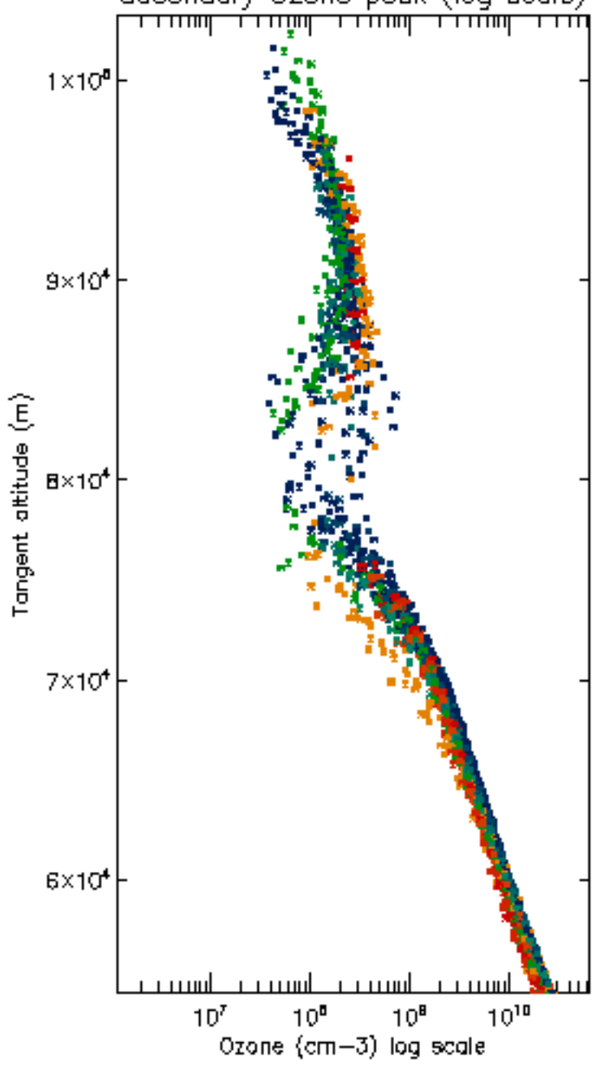


Ozone profiles

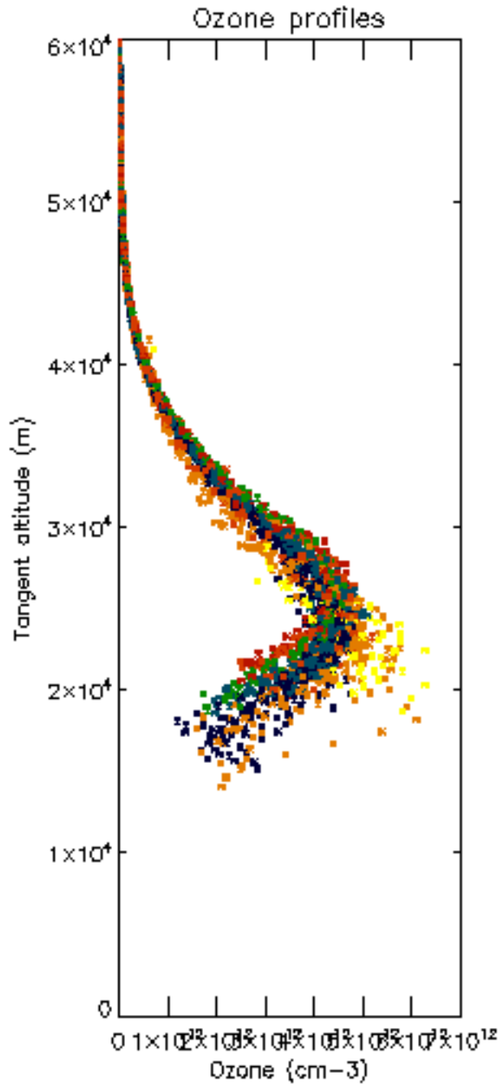
Zoom

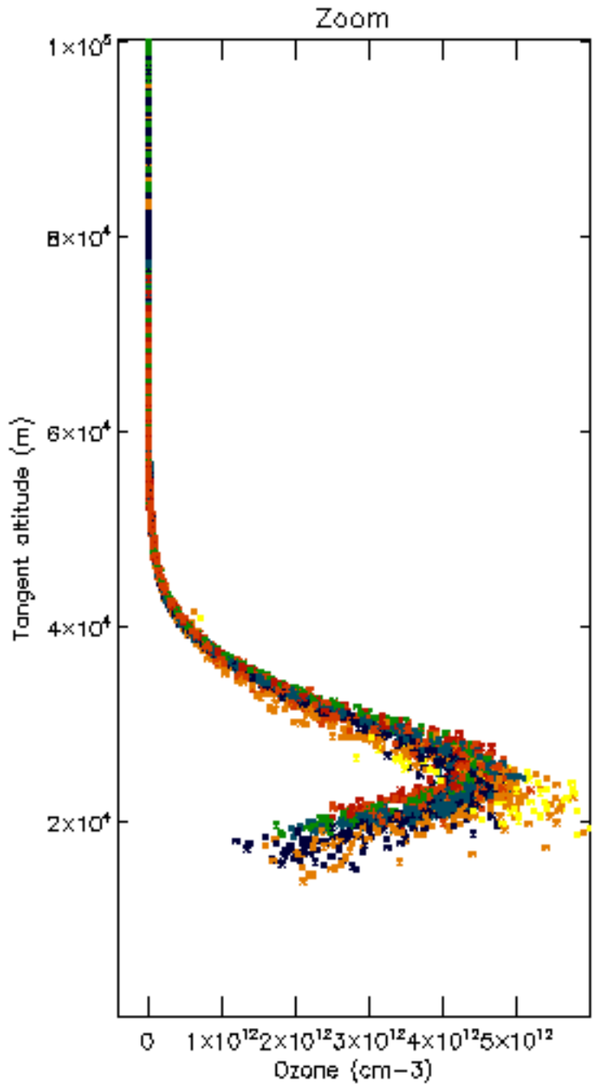


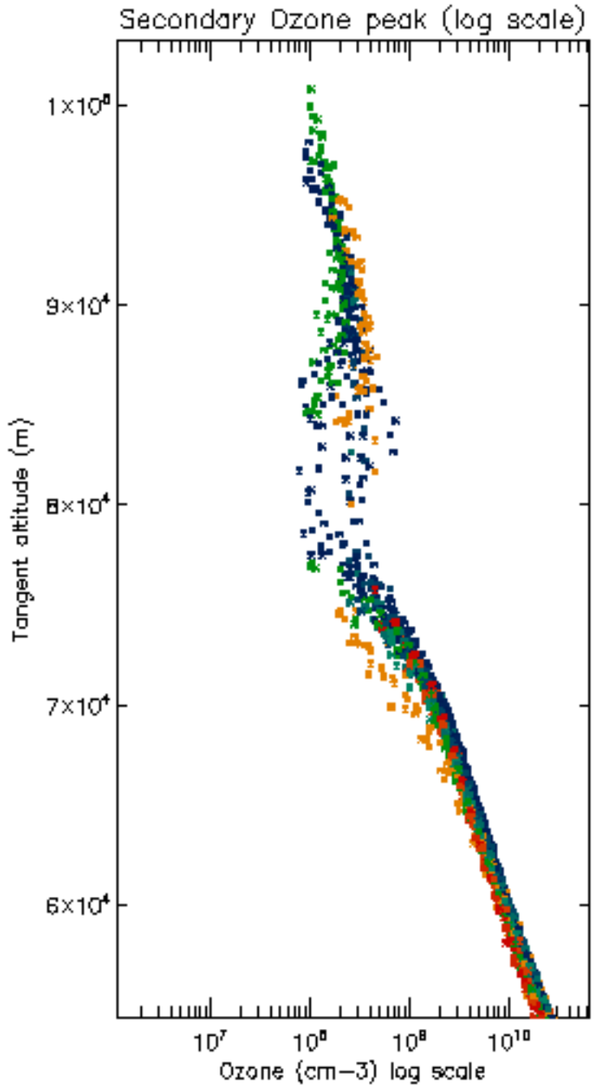
Secondary Ozone peak (log scale)



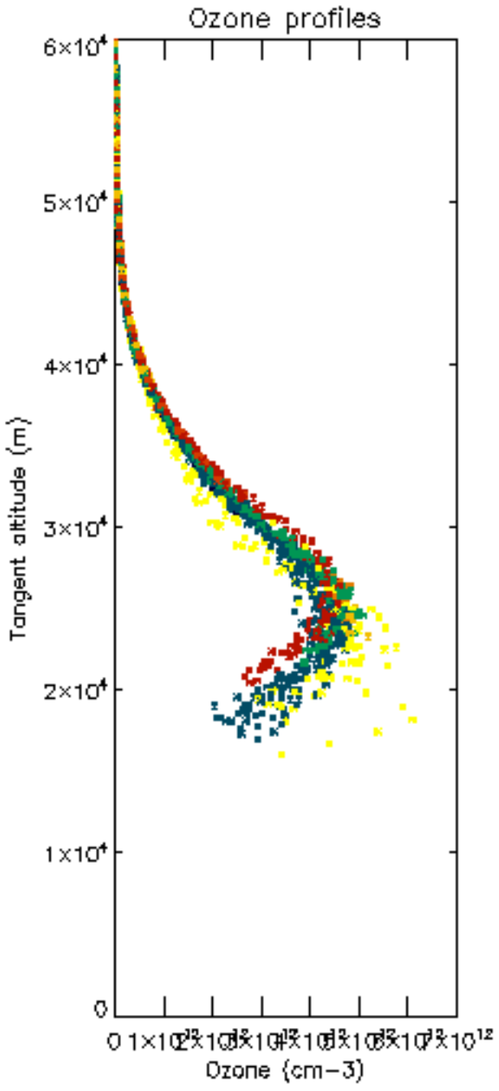

60.00
40.00
20.00
0.000
−20.00
−40.00
−60.00

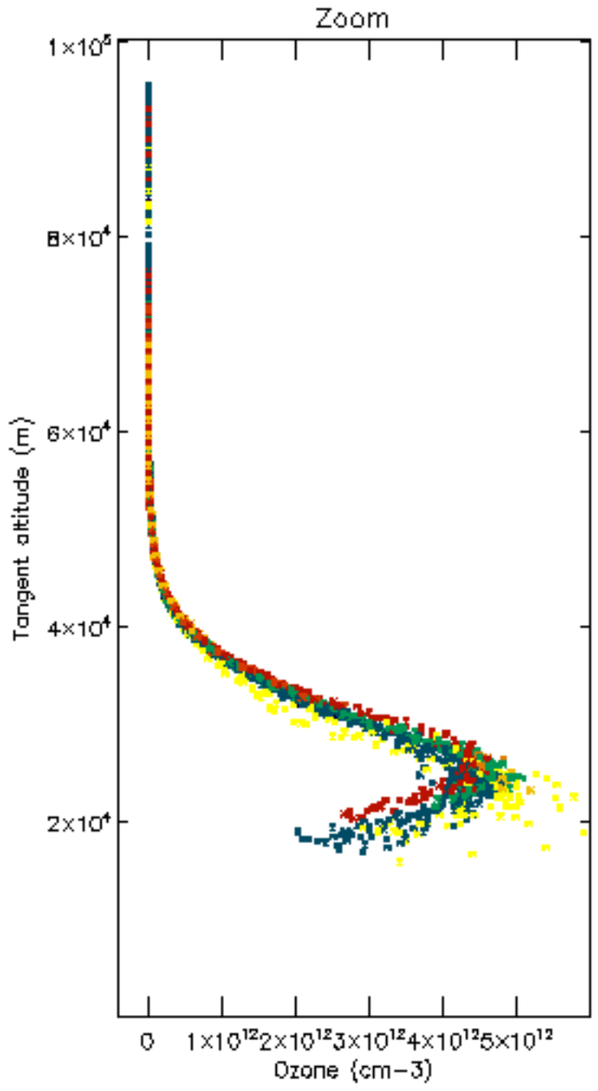

Ozone profiles
Tangent altitude (m)
Ozone (cm−3)

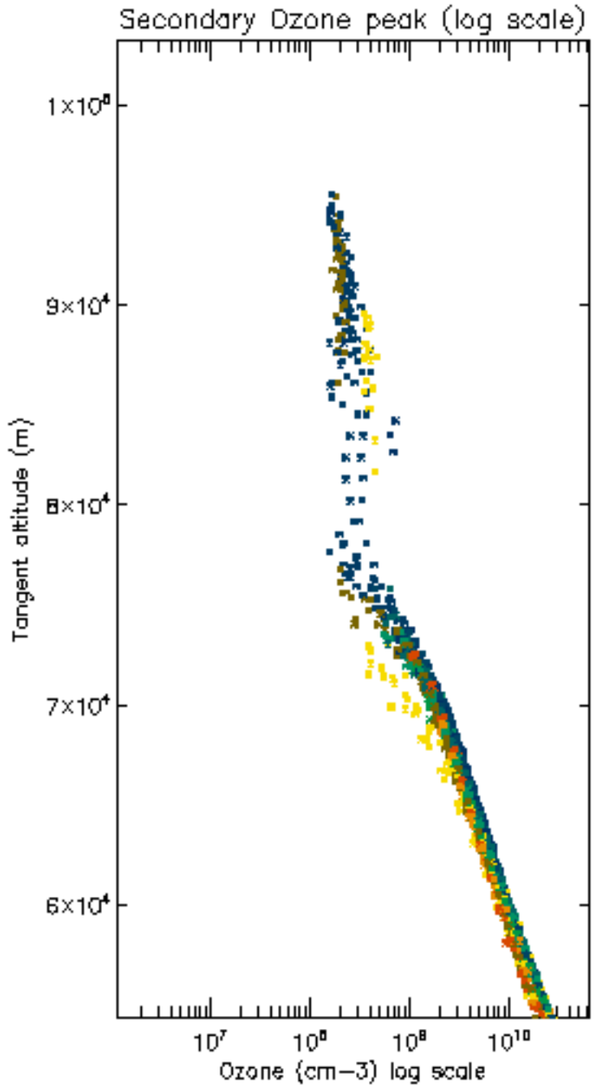

Zoom
Tangent altitude (m)
Ozone (cm−3)

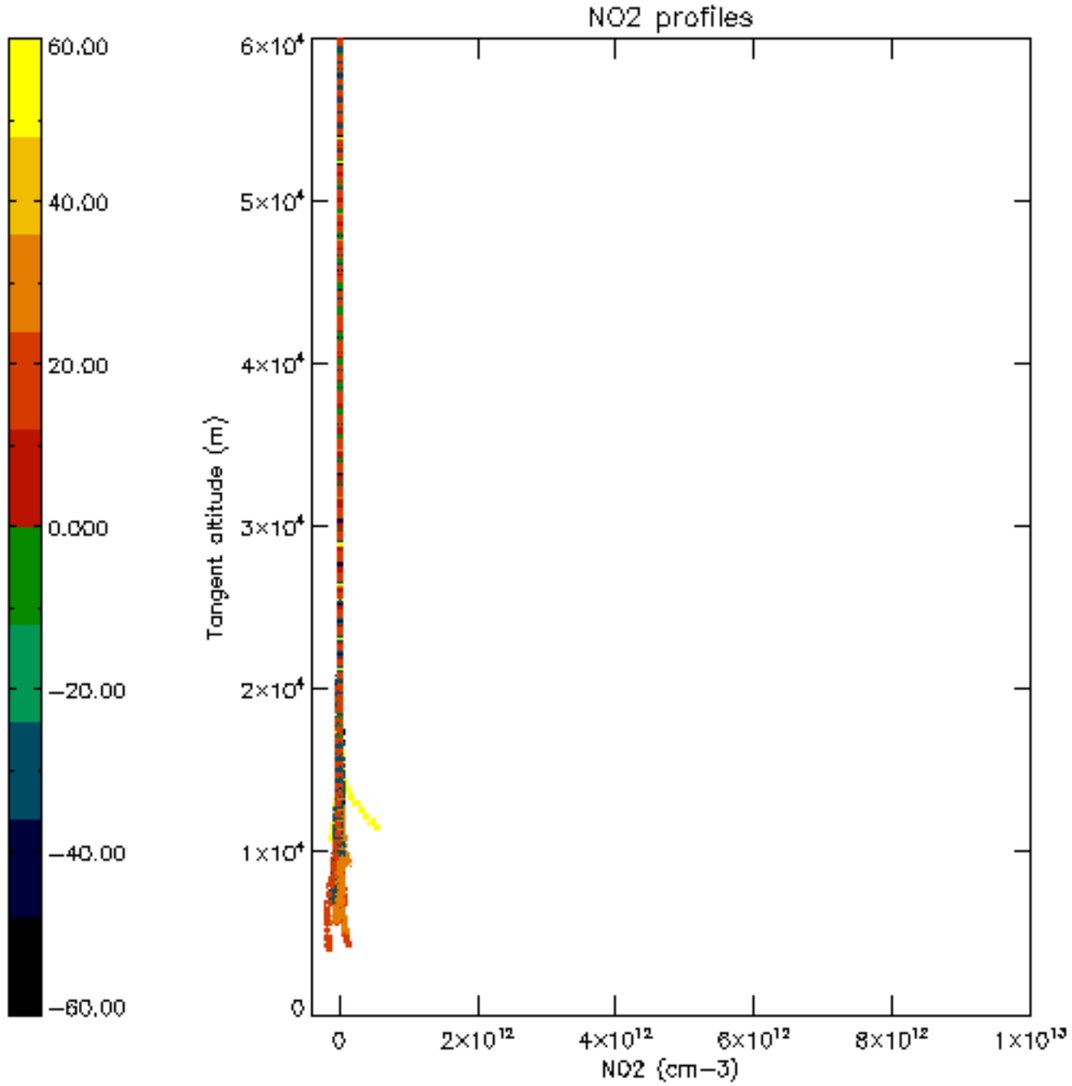

Secondary Ozone peak (log scale)
Tangent altitude (m)
Ozone (cm−3) log scale

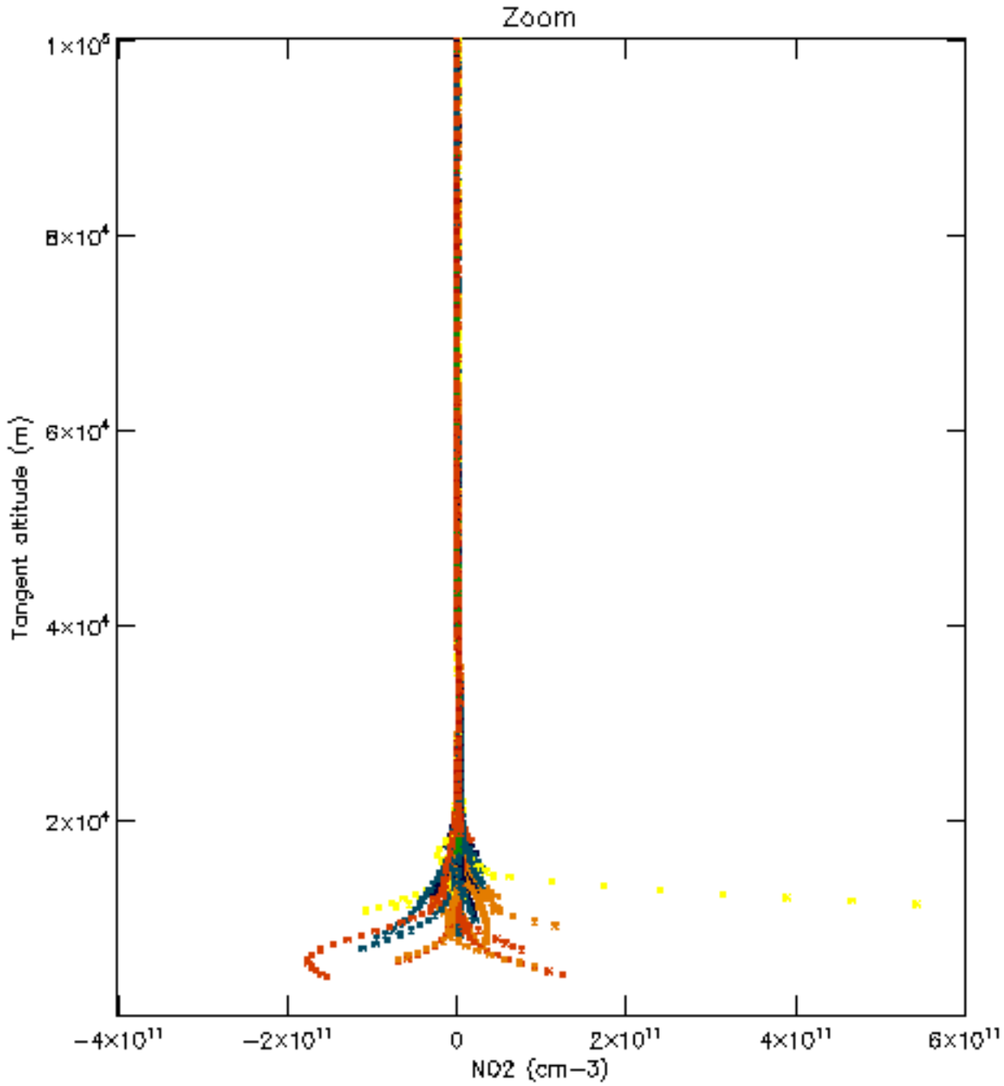

40.00
20.00
0.000
−20.00
−40.00
−60.00

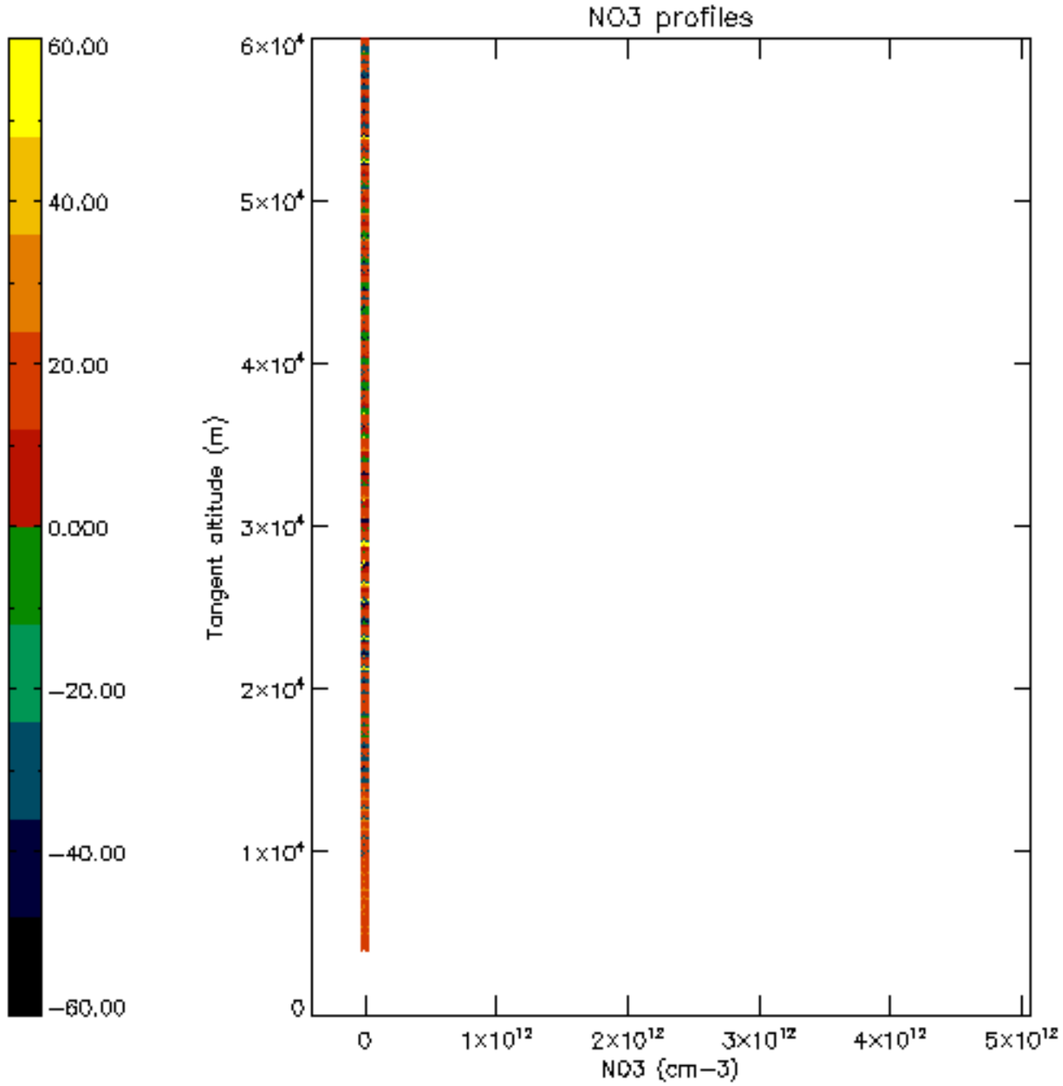

Ozone profiles
Tangent altitude (m)
Ozone (cm−3)

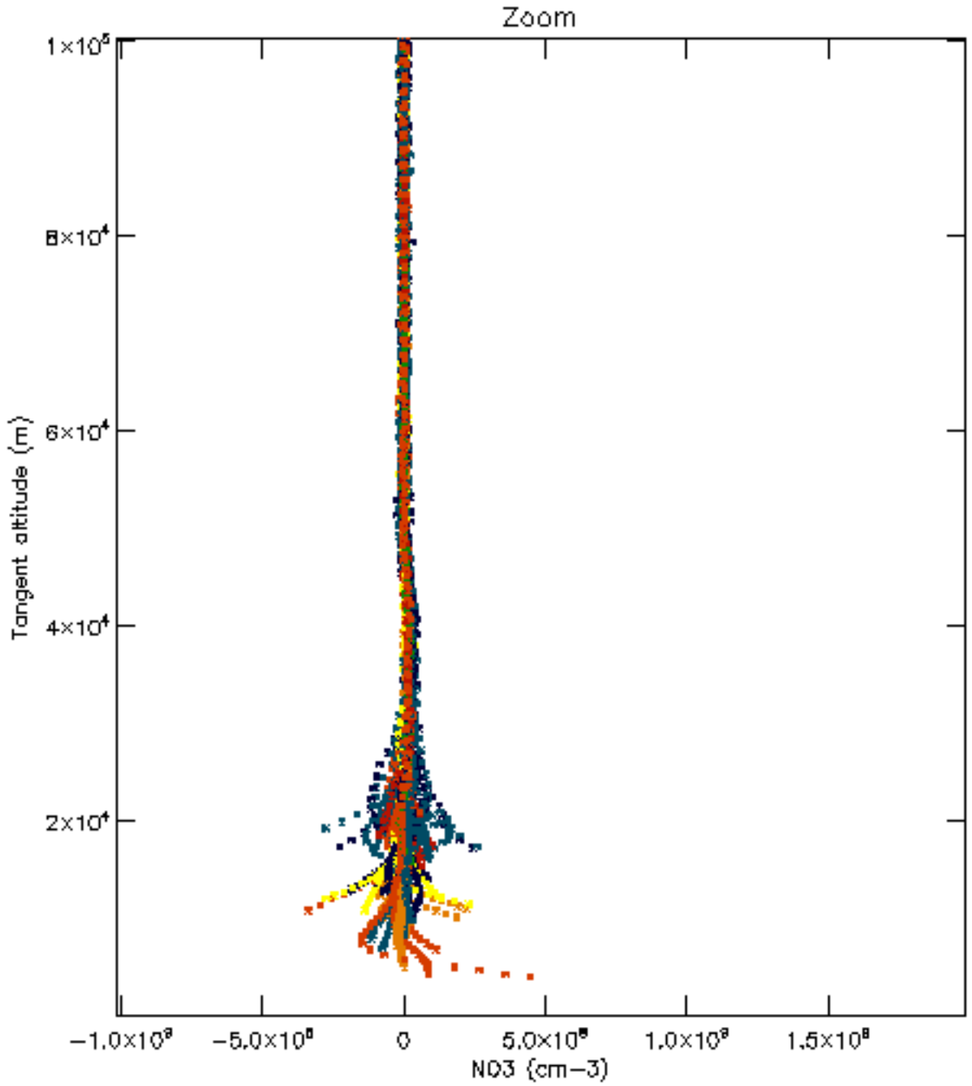

Zoom
Tangent altitude (m)
Ozone (cm−3)

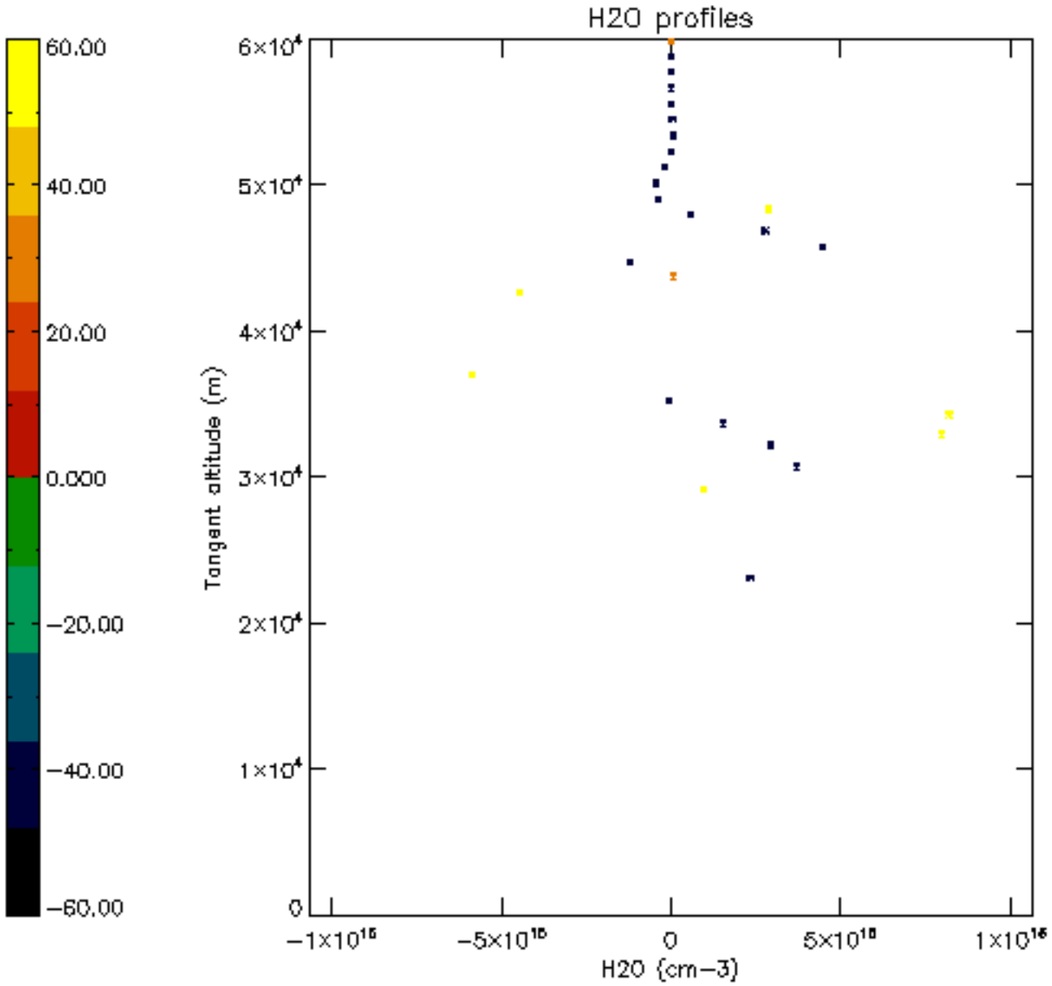

Secondary Ozone peak (log scale)
Tangent altitude (m)
Ozone (cm−3) log scale

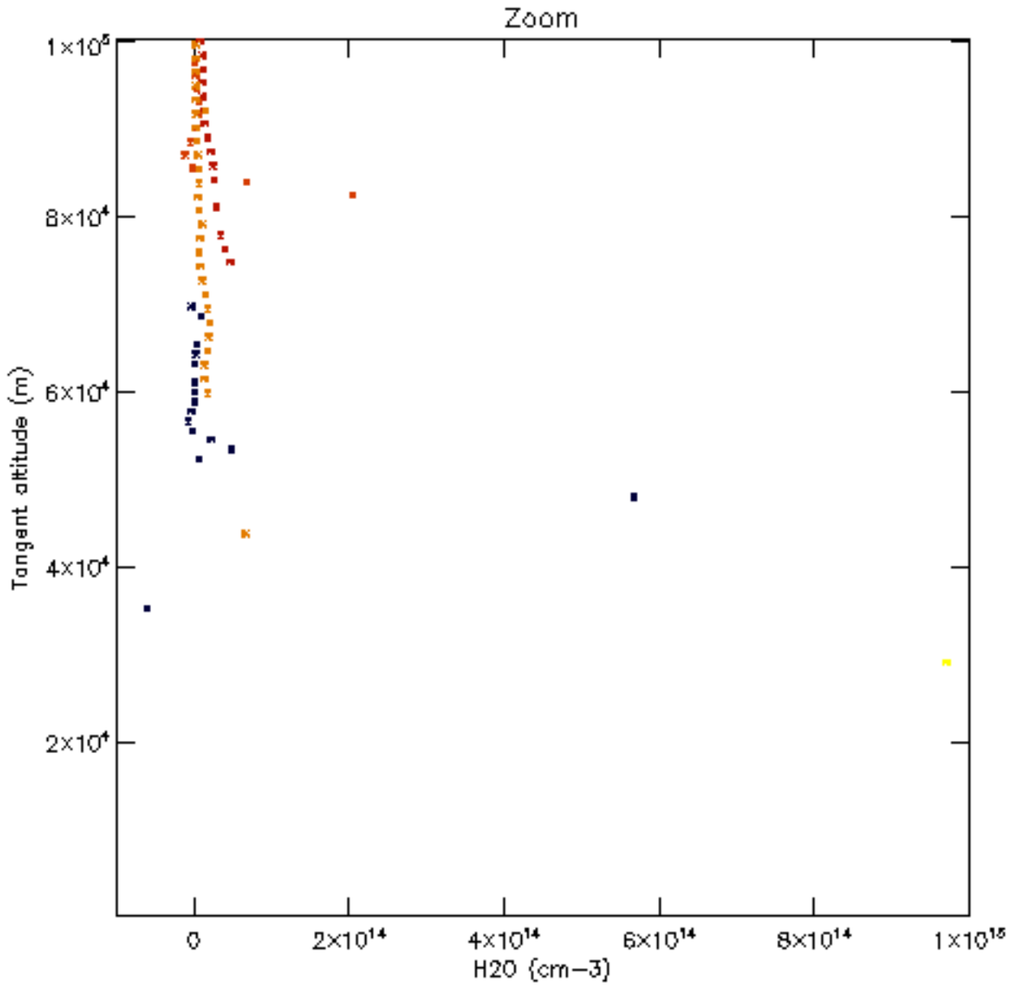

NO2 profiles
60.00
40.00
20.00
0.000
−20.00
−40.00
−60.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
0
2×10¹²
4×10¹²
6×10¹²
8×10¹²
1×10¹³
NO2 (cm−3)


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


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


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


H2O profiles
60.00
40.00
20.00
0.000
−20.00
−40.00
−60.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
−1×10¹⁵
−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)