GOMOS Level 2 Daily Report

SUMMARY

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1. General info

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

Item	Value
Time of report generation	19APR2013 13:45:26
Data source version	GOMOS/6.01
Start time of products	22-04-2003 (22APR2003 00:00:00)
Stop time of products	23-04-2003 (23APR2003 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	398
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__2PRFIN20030422_000156_000000402015_00403_05968_6314.N1	22-APR-2003 00:01:56	Dark	40.000	45	Alp Pav	1.9400	26000.	80	5968	No
2	GOM_NL__2PRFIN20030422_000515_000000702015_00403_05968_6315.N1	22-APR-2003 00:05:15	Dark	69.500	103	38Zet Sgr	2.6000	9700.0	139	5968	No
3	GOM_NL__2PRFIN20030422_000833_000000682015_00403_05968_6316.N1	22-APR-2003 00:08:33	Dark	68.000	38	20Eps Sgr	1.8360	11000.	136	5968	No
4	GOM_NL__2PRFIN20030422_001037_000000542015_00403_05968_6317.N1	22-APR-2003 00:10:37	Straylight	54.000	40	The Sco	1.8590	7100.0	108	5968	No
5	GOM_NL__2PRFIN20030422_001330_000000442015_00403_05968_6318.N1	22-APR-2003 00:13:30	Straylight	44.000	4	Alp1Cen	-0.010000	5800.0	88	5968	No
6	GOM_NL__2PRFIN20030422_001822_000000442015_00403_05968_6319.N1	22-APR-2003 00:18:22	Straylight	43.500	81	Eta Cen	2.3560	28000.	87	5968	No
7	GOM_NL__2PRFIN20030422_002000_000000892015_00403_05968_6320.N1	22-APR-2003 00:20:00	Twi_and_stray	88.500	16	21Alp Sco	1.0200	3000.0	177	5968	No
8	GOM_NL__2PRFIN20030422_002249_000000752015_00403_05968_6321.N1	22-APR-2003 00:22:49	Twi_and_stray	75.000	80	7Del Sco	2.3160	30000.	150	5968	No
9	GOM_NL__2PRFIN20030422_002532_000000432015_00403_05968_6322.N1	22-APR-2003 00:25:32	Bright	43.000	106	9Bet Crv	2.6480	5600.0	86	5968	No
10	GOM_NL__2PRFIN20030422_002836_000000412015_00403_05968_6323.N1	22-APR-2003 00:28:36	Bright	41.000	15	67Alp Vir	0.97600	28000.	82	5968	No
11	GOM_NL__2PRFIN20030422_003138_000000382015_00403_05968_6324.N1	22-APR-2003 00:31:38	Bright	38.000	121	29Gam Vir	2.7400	7200.0	76	5968	No
12	GOM_NL__2PRFIN20030422_003512_000000382015_00403_05968_6325.N1	22-APR-2003 00:35:12	Bright	38.000	138	47Eps Vir	2.8280	4700.0	76	5968	No
13	GOM_NL__2PRFIN20030422_003807_000000442015_00403_05968_6326.N1	22-APR-2003 00:38:07	Bright	44.000	111	8Eta Boo	2.6800	6000.0	88	5968	No
14	GOM_NL__2PRFIN20030422_004309_000000372015_00403_05968_6327.N1	22-APR-2003 00:43:09	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	5968	No
15	GOM_NL__2PRFIN20030422_004507_000000372015_00403_05968_6328.N1	22-APR-2003 00:45:07	Bright	36.500	174	52Psi UMa	3.0040	4400.0	73	5968	No
16	GOM_NL__2PRFIN20030422_004718_000000352015_00403_05968_6329.N1	22-APR-2003 00:47:18	Bright	35.000	87	64Gam UMa	2.4330	11000.	70	5968	No
17	GOM_NL__2PRFIN20030422_004948_000000442015_00403_05968_6330.N1	22-APR-2003 00:49:48	Bright	44.000	36	50Alp UMa	1.8000	6300.0	88	5968	No
18	GOM_NL__2PRFIN20030422_005428_000000402015_00403_05968_6331.N1	22-APR-2003 00:54:28	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	5968	No
19	GOM_NL__2PRFIN20030422_005742_000000362015_00403_05968_6332.N1	22-APR-2003 00:57:42	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	5968	No
20	GOM_NL__2PRFIN20030422_010100_000000672015_00403_05968_6333.N1	22-APR-2003 01:01:00	Bright	67.000	69	33Gam Dra	2.2310	3800.0	134	5968	No
21	GOM_NL__2PRFIN20030422_010441_000000412015_00403_05968_6334.N1	22-APR-2003 01:04:41	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	5968	No
22	GOM_NL__2PRFIN20030422_010613_000000342015_00403_05968_6335.N1	22-APR-2003 01:06:13	Bright	33.500	74	11Bet Cas	2.2680	6600.0	67	5968	No
23	GOM_NL__2PRFIN20030422_010940_000001392015_00403_05968_6336.N1	22-APR-2003 01:09:40	Bright	138.50	5	3Alp Lyr	0.033000	11000.	277	5968	No
24	GOM_NL__2PRFIN20030422_011440_000000632015_00403_05968_6337.N1	22-APR-2003 01:14:40	Twi_and_stray	63.000	92	53Eps Cyg	2.5000	4500.0	126	5968	No
25	GOM_NL__2PRFIN20030422_011915_000000442015_00403_05968_6338.N1	22-APR-2003 01:19:15	Twi_and_stray	43.500	90	54Alp Peg	2.4870	11000.	87	5968	No
26	GOM_NL__2PRFIN20030422_012240_000000592015_00403_05968_6339.N1	22-APR-2003 01:22:40	Dark	59.000	61	8Eps Peg	2.1000	3900.0	118	5968	No
27	GOM_NL__2PRFIN20030422_012508_000000512015_00403_05968_6340.N1	22-APR-2003 01:25:08	Dark	50.500	162	34Alp Aqr	2.9440	5350.0	101	5968	No
28	GOM_NL__2PRFIN20030422_012805_000000512015_00403_05968_6341.N1	22-APR-2003 01:28:05	Dark	51.000	154	22Bet Aqr	2.8990	5700.0	102	5968	No
29	GOM_NL__2PRFIN20030422_013146_000000482015_00403_05968_6342.N1	22-APR-2003 01:31:46	Dark	47.500	18	24Alp PsA	1.1660	9700.0	95	5968	No
30	GOM_NL__2PRFIN20030422_014022_000000472015_00403_05968_6343.N1	22-APR-2003 01:40:22	Dark	47.000	148	Alp Tuc	2.8780	4100.0	94	5968	No
31	GOM_NL__2PRFIN20030422_014233_000000432015_00404_05969_6314.N1	22-APR-2003 01:42:33	Dark	43.000	45	Alp Pav	1.9400	26000.	86	5969	No
32	GOM_NL__2PRFIN20030422_014553_000000682015_00404_05969_6315.N1	22-APR-2003 01:45:53	Dark	67.500	103	38Zet Sgr	2.6000	9700.0	135	5969	No
33	GOM_NL__2PRFIN20030422_014910_000000692015_00404_05969_6316.N1	22-APR-2003 01:49:10	Dark	69.000	38	20Eps Sgr	1.8360	11000.	138	5969	No
34	GOM_NL__2PRFIN20030422_015113_000000552015_00404_05969_6317.N1	22-APR-2003 01:51:13	Straylight	55.000	40	The Sco	1.8590	7100.0	110	5969	No
35	GOM_NL__2PRFIN20030422_015406_000000442015_00404_05969_6318.N1	22-APR-2003 01:54:06	Straylight	43.500	4	Alp1Cen	-0.010000	5800.0	87	5969	No
36	GOM_NL__2PRFIN20030422_015858_000000452015_00404_05969_6319.N1	22-APR-2003 01:58:58	Straylight	44.500	81	Eta Cen	2.3560	28000.	89	5969	No
37	GOM_NL__2PRFIN20030422_020037_000000912015_00404_05969_6320.N1	22-APR-2003 02:00:37	Twi_and_stray	90.500	16	21Alp Sco	1.0200	3000.0	181	5969	No
38	GOM_NL__2PRFIN20030422_020325_000000772015_00404_05969_6321.N1	22-APR-2003 02:03:25	Twi_and_stray	76.500	80	7Del Sco	2.3160	30000.	153	5969	No
39	GOM_NL__2PRFIN20030422_020608_000000462015_00404_05969_6322.N1	22-APR-2003 02:06:08	Bright	45.500	106	9Bet Crv	2.6480	5600.0	91	5969	No
40	GOM_NL__2PRFIN20030422_020912_000000412015_00404_05969_6323.N1	22-APR-2003 02:09:12	Bright	41.000	15	67Alp Vir	0.97600	28000.	82	5969	No
41	GOM_NL__2PRFIN20030422_021214_000000372015_00404_05969_6324.N1	22-APR-2003 02:12:14	Bright	37.000	121	29Gam Vir	2.7400	7200.0	74	5969	No
42	GOM_NL__2PRFIN20030422_021548_000000382015_00404_05969_6325.N1	22-APR-2003 02:15:48	Bright	38.000	138	47Eps Vir	2.8280	4700.0	76	5969	No

43	GOM_NL__2PRFIN20030422_021842_000000442015_00404_05969_6326.N1	22-APR-2003 02:18:42	Bright	43.500	111	8Eta Boo	2.6800	6000.0	87	5969	No
44	GOM_NL__2PRFIN20030422_022345_000000372015_00404_05969_6327.N1	22-APR-2003 02:23:45	Bright	36.500	152	12Alp2CVn	2.8900	11000.	73	5969	No
45	GOM_NL__2PRFIN20030422_022543_000000342015_00404_05969_6328.N1	22-APR-2003 02:25:43	Bright	34.000	174	52Psi UMa	3.0040	4400.0	68	5969	No
46	GOM_NL__2PRFIN20030422_022754_000000342015_00404_05969_6329.N1	22-APR-2003 02:27:54	Bright	34.000	87	64Gam UMa	2.4330	11000.	68	5969	No
47	GOM_NL__2PRFIN20030422_023024_000000382015_00404_05969_6330.N1	22-APR-2003 02:30:24	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	5969	No
48	GOM_NL__2PRFIN20030422_023504_000000402015_00404_05969_6331.N1	22-APR-2003 02:35:04	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	5969	No
49	GOM_NL__2PRFIN20030422_023818_000000332015_00404_05969_6332.N1	22-APR-2003 02:38:18	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	5969	No
50	GOM_NL__2PRFIN20030422_024136_000000632015_00404_05969_6333.N1	22-APR-2003 02:41:36	Bright	63.000	69	33Gam Dra	2.2310	3800.0	126	5969	No
51	GOM_NL__2PRFIN20030422_024517_000000412015_00404_05969_6334.N1	22-APR-2003 02:45:17	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	5969	No
52	GOM_NL__2PRFIN20030422_024649_000000332015_00404_05969_6335.N1	22-APR-2003 02:46:49	Bright	33.000	74	11Bet Cas	2.2680	6600.0	66	5969	No
53	GOM_NL__2PRFIN20030422_025015_000001362015_00404_05969_6336.N1	22-APR-2003 02:50:15	Bright	136.00	5	3Alp Lyr	0.033000	11000.	272	5969	No
54	GOM_NL__2PRFIN20030422_025516_000000622015_00404_05969_6337.N1	22-APR-2003 02:55:16	Twi_and_stray	62.000	92	53Eps Cyg	2.5000	4500.0	124	5969	No
55	GOM_NL__2PRFIN20030422_025951_000000422015_00404_05969_6338.N1	22-APR-2003 02:59:51	Twi_and_stray	42.000	90	54Alp Peg	2.4870	11000.	84	5969	No
56	GOM_NL__2PRFIN20030422_030316_000000522015_00404_05969_6339.N1	22-APR-2003 03:03:16	Dark	51.500	61	8Eps Peg	2.1000	3900.0	103	5969	No
57	GOM_NL__2PRFIN20030422_030544_000000452015_00404_05969_6340.N1	22-APR-2003 03:05:44	Dark	45.000	162	34Alp Aqr	2.9440	5350.0	90	5969	No
58	GOM_NL__2PRFIN20030422_030842_000000522015_00404_05969_6341.N1	22-APR-2003 03:08:42	Dark	52.000	154	22Bet Aqr	2.8990	5700.0	104	5969	No
59	GOM_NL__2PRFIN20030422_031222_000000442015_00404_05969_6342.N1	22-APR-2003 03:12:22	Dark	43.500	18	24Alp PsA	1.1660	9700.0	87	5969	No
60	GOM_NL__2PRFIN20030422_032058_000000412015_00404_05969_6343.N1	22-APR-2003 03:20:58	Dark	40.500	148	Alp Tuc	2.8780	4100.0	81	5969	No
61	GOM_NL__2PRFIN20030422_032309_000000402015_00405_05970_6314.N1	22-APR-2003 03:23:09	Dark	39.500	45	Alp Pav	1.9400	26000.	79	5970	No
62	GOM_NL__2PRFIN20030422_032631_000000702015_00405_05970_6315.N1	22-APR-2003 03:26:31	Dark	70.000	103	38Zet Sgr	2.6000	9700.0	140	5970	No
63	GOM_NL__2PRFIN20030422_032948_000000642015_00405_05970_6316.N1	22-APR-2003 03:29:48	Dark	64.000	38	20Eps Sgr	1.8360	11000.	128	5970	No
64	GOM_NL__2PRFIN20030422_033151_000000572015_00405_05970_6317.N1	22-APR-2003 03:31:51	Straylight	57.000	40	The Sco	1.8590	7100.0	114	5970	No
65	GOM_NL__2PRFIN20030422_033443_000000512015_00405_05970_6318.N1	22-APR-2003 03:34:43	Straylight	51.000	4	Alp1Cen	-0.010000	5800.0	102	5970	No
66	GOM_NL__2PRFIN20030422_034114_000000842015_00405_05970_6319.N1	22-APR-2003 03:41:14	Twi_and_stray	84.000	16	21Alp Sco	1.0200	3000.0	168	5970	No
67	GOM_NL__2PRFIN20030422_034402_000000742015_00405_05970_6320.N1	22-APR-2003 03:44:02	Twi_and_stray	74.000	80	7Del Sco	2.3160	30000.	148	5970	No
68	GOM_NL__2PRFIN20030422_034644_000000432015_00405_05970_6321.N1	22-APR-2003 03:46:44	Bright	43.000	106	9Bet Crv	2.6480	5600.0	86	5970	No
69	GOM_NL__2PRFIN20030422_034948_000000412015_00405_05970_6322.N1	22-APR-2003 03:49:48	Bright	41.000	15	67Alp Vir	0.97600	28000.	82	5970	No
70	GOM_NL__2PRFIN20030422_035251_000000362015_00405_05970_6323.N1	22-APR-2003 03:52:51	Bright	36.000	121	29Gam Vir	2.7400	7200.0	72	5970	No
71	GOM_NL__2PRFIN20030422_035624_000000382015_00405_05970_6324.N1	22-APR-2003 03:56:24	Bright	38.000	138	47Eps Vir	2.8280	4700.0	76	5970	No
72	GOM_NL__2PRFIN20030422_035918_000000432015_00405_05970_6325.N1	22-APR-2003 03:59:18	Bright	42.500	111	8Eta Boo	2.6800	6000.0	85	5970	No
73	GOM_NL__2PRFIN20030422_040421_000000382015_00405_05970_6326.N1	22-APR-2003 04:04:21	Bright	37.500	152	12Alp2CVn	2.8900	11000.	75	5970	No
74	GOM_NL__2PRFIN20030422_040619_000000352015_00405_05970_6327.N1	22-APR-2003 04:06:19	Bright	35.000	174	52Psi UMa	3.0040	4400.0	70	5970	No
75	GOM_NL__2PRFIN20030422_040830_000000342015_00405_05970_6328.N1	22-APR-2003 04:08:30	Bright	34.000	87	64Gam UMa	2.4330	11000.	68	5970	No
76	GOM_NL__2PRFIN20030422_041101_000000352015_00405_05970_6329.N1	22-APR-2003 04:11:01	Bright	35.000	36	50Alp UMa	1.8000	6300.0	70	5970	No
77	GOM_NL__2PRFIN20030422_041540_000000402015_00405_05970_6330.N1	22-APR-2003 04:15:40	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	5970	No
78	GOM_NL__2PRFIN20030422_041854_000000352015_00405_05970_6331.N1	22-APR-2003 04:18:54	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	5970	No
79	GOM_NL__2PRFIN20030422_042210_000000642015_00405_05970_6332.N1	22-APR-2003 04:22:10	Bright	63.500	69	33Gam Dra	2.2310	3800.0	127	5970	No
80	GOM_NL__2PRFIN20030422_042553_000000382015_00405_05970_6333.N1	22-APR-2003 04:25:53	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	5970	No
81	GOM_NL__2PRFIN20030422_042725_000000342015_00405_05970_6334.N1	22-APR-2003 04:27:25	Bright	34.000	74	11Bet Cas	2.2680	6600.0	68	5970	No
82	GOM_NL__2PRFIN20030422_043051_000001442015_00405_05970_6335.N1	22-APR-2003 04:30:51	Bright	143.50	5	3Alp Lyr	0.033000	11000.	287	5970	No
83	GOM_NL__2PRFIN20030422_043552_000000702015_00405_05970_6336.N1	22-APR-2003 04:35:52	Twi_and_stray	69.500	92	53Eps Cyg	2.5000	4500.0	139	5970	No
84	GOM_NL__2PRFIN20030422_044027_000000422015_00405_05970_6337.N1	22-APR-2003 04:40:27	Twi_and_stray	42.000	90	54Alp Peg	2.4870	11000.	84	5970	No
85	GOM_NL__2PRFIN20030422_044353_000000552015_00405_05970_6338.N1	22-APR-2003 04:43:53	Dark	55.000	61	8Eps Peg	2.1000	3900.0	110	5970	No
86	GOM_NL__2PRFIN20030422_044621_000000492015_00405_05970_6339.N1	22-APR-2003 04:46:21	Dark	48.500	162	34Alp Aqr	2.9440	5350.0	97	5970	No
87	GOM_NL__2PRFIN20030422_044919_000000542015_00405_05970_6340.N1	22-APR-2003 04:49:19	Dark	53.500	154	22Bet Aqr	2.8990	5700.0	107	5970	No
88	GOM_NL__2PRFIN20030422_045258_000000422015_00405_05970_6341.N1	22-APR-2003 04:52:58	Dark	42.000	18	24Alp PsA	1.1660	9700.0	84	5970	No
89	GOM_NL__2PRFIN20030422_050134_000000432015_00405_05970_6342.N1	22-APR-2003 05:01:34	Dark	43.000	148	Alp Tuc	2.8780	4100.0	86	5970	No
90	GOM_NL__2PRFIN20030422_050346_000000412015_00406_05971_6314.N1	22-APR-2003 05:03:46	Dark	40.500	45	Alp Pav	1.9400	26000.	81	5971	No
91	GOM_NL__2PRFIN20030422_050708_000000702015_00406_05971_6315.N1	22-APR-2003 05:07:08	Dark	70.000	103	38Zet Sgr	2.6000	9700.0	140	5971	No
92	GOM_NL__2PRFIN20030422_051026_000000682015_00406_05971_6316.N1	22-APR-2003 05:10:26	Dark	67.500	38	20Eps Sgr	1.8360	11000.	135	5971	No
93	GOM_NL__2PRFIN20030422_051227_000000582015_00406_05971_6317.N1	22-APR-2003 05:12:27	Straylight	57.500	40	The Sco	1.8590	7100.0	115	5971	No
94	GOM_NL__2PRFIN20030422_051519_000000422015_00406_05971_6318.N1	22-APR-2003 05:15:19	Straylight	42.000	4	Alp1Cen	-0.010000	5800.0	84	5971	No
95	GOM_NL__2PRFIN20030422_052150_000000902015_00406_05971_6319.N1	22-APR-2003 05:21:50	Twi_and_stray	89.500	16	21Alp Sco	1.0200	3000.0	179	5971	No
96	GOM_NL__2PRFIN20030422_052439_000000762015_00406_05971_6320.N1	22-APR-2003 05:24:39	Twi_and_stray	75.500	80	7Del Sco	2.3160	30000.	151	5971	No
97	GOM_NL__2PRFIN20030422_052720_000000422015_00406_05971_6321.N1	22-APR-2003 05:27:20	Bright	41.500	106	9Bet Crv	2.6480	5600.0	83	5971	No
98	GOM_NL__2PRFIN20030422_053024_000000412015_00406_05971_6322.N1	22-APR-2003 05:30:24	Bright	40.500	15	67Alp Vir	0.97600	28000.	81	5971	No
99	GOM_NL__2PRFIN20030422_053327_000000382015_00406_05971_6323.N1	22-APR-2003 05:33:27	Bright	38.000	121	29Gam Vir	2.7400	7200.0	76	5971	No
100	GOM_NL__2PRFIN20030422_053700_000000382015_00406_05971_6324.N1	22-APR-2003 05:37:00	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	5971	No
101	GOM_NL__2PRFIN20030422_053954_000000442015_00406_05971_6325.N1	22-APR-2003 05:39:54	Bright	44.000	111	8Eta Boo	2.6800	6000.0	88	5971	No

102	GOM_NL__2PRFIN20030422_054456_000000372015_00406_05971_6326.N1	22-APR-2003 05:44:56	Bright	36.500	152	12Alp2CVn	2.8900	11000.	73	5971	No
103	GOM_NL__2PRFIN20030422_054656_000000372015_00406_05971_6327.N1	22-APR-2003 05:46:56	Bright	37.000	174	52Psi UMa	3.0040	4400.0	74	5971	No
104	GOM_NL__2PRFIN20030422_054906_000000372015_00406_05971_6328.N1	22-APR-2003 05:49:06	Bright	37.000	87	64Gam UMa	2.4330	11000.	74	5971	No
105	GOM_NL__2PRFIN20030422_055137_000000382015_00406_05971_6329.N1	22-APR-2003 05:51:37	Bright	38.000	36	50Alp UMa	1.8000	6300.0	76	5971	No
106	GOM_NL__2PRFIN20030422_055615_000000412015_00406_05971_6330.N1	22-APR-2003 05:56:15	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	5971	No
107	GOM_NL__2PRFIN20030422_055930_000000372015_00406_05971_6331.N1	22-APR-2003 05:59:30	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	5971	No
108	GOM_NL__2PRFIN20030422_060245_000000642015_00406_05971_6332.N1	22-APR-2003 06:02:45	Bright	64.000	69	33Gam Dra	2.2310	3800.0	128	5971	No
109	GOM_NL__2PRFIN20030422_060628_000000412015_00406_05971_6333.N1	22-APR-2003 06:06:28	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	5971	No
110	GOM_NL__2PRFIN20030422_060801_000000372015_00406_05971_6334.N1	22-APR-2003 06:08:01	Bright	36.500	74	11Bet Cas	2.2680	6600.0	73	5971	No
111	GOM_NL__2PRFIN20030422_061126_000001422015_00406_05971_6335.N1	22-APR-2003 06:11:26	Bright	142.00	5	3Alp Lyr	0.033000	11000.	284	5971	No
112	GOM_NL__2PRFIN20030422_061628_000000622015_00406_05971_6336.N1	22-APR-2003 06:16:28	Twi_and_stray	61.500	92	53Eps Cyg	2.5000	4500.0	123	5971	No
113	GOM_NL__2PRFIN20030422_062103_000000442015_00406_05971_6337.N1	22-APR-2003 06:21:03	Twi_and_stray	43.500	90	54Alp Peg	2.4870	11000.	87	5971	No
114	GOM_NL__2PRFIN20030422_062429_000000562015_00406_05971_6338.N1	22-APR-2003 06:24:29	Dark	55.500	61	8Eps Peg	2.1000	3900.0	111	5971	No
115	GOM_NL__2PRFIN20030422_062657_000000492015_00406_05971_6339.N1	22-APR-2003 06:26:57	Dark	48.500	162	34Alp Aqr	2.9440	5350.0	97	5971	No
116	GOM_NL__2PRFIN20030422_062956_000000522015_00406_05971_6340.N1	22-APR-2003 06:29:56	Dark	52.000	154	22Bet Aqr	2.8990	5700.0	104	5971	No
117	GOM_NL__2PRFIN20030422_063334_000000412015_00406_05971_6341.N1	22-APR-2003 06:33:34	Dark	40.500	18	24Alp PsA	1.1660	9700.0	81	5971	No
118	GOM_NL__2PRFIN20030422_064210_000000412015_00406_05971_6342.N1	22-APR-2003 06:42:10	Dark	40.500	148	Alp Tuc	2.8780	4100.0	81	5971	No
119	GOM_NL__2PRFIN20030422_064422_000000462015_00407_05972_6497.N1	22-APR-2003 06:44:22	Dark	45.500	45	Alp Pav	1.9400	26000.	91	5972	No
120	GOM_NL__2PRFIN20030422_064746_000000702015_00407_05972_6498.N1	22-APR-2003 06:47:46	Dark	69.500	103	38Zet Sgr	2.6000	9700.0	139	5972	No
121	GOM_NL__2PRFIN20030422_065103_000000662015_00407_05972_6499.N1	22-APR-2003 06:51:03	Dark	65.500	38	20Eps Sgr	1.8360	11000.	131	5972	No
122	GOM_NL__2PRFIN20030422_065304_000000552015_00407_05972_6500.N1	22-APR-2003 06:53:04	Straylight	55.000	40	The Sco	1.8590	7100.0	110	5972	No
123	GOM_NL__2PRFIN20030422_065555_000000452015_00407_05972_6501.N1	22-APR-2003 06:55:55	Straylight	45.000	4	Alp1Cen	-0.010000	5800.0	90	5972	No
124	GOM_NL__2PRFIN20030422_070227_000000842015_00407_05972_6502.N1	22-APR-2003 07:02:27	Twi_and_stray	83.500	16	21Alp Sco	1.0200	3000.0	167	5972	No
125	GOM_NL__2PRFIN20030422_070515_000000742015_00407_05972_6503.N1	22-APR-2003 07:05:15	Twi_and_stray	74.000	80	7Del Sco	2.3160	30000.	148	5972	No
126	GOM_NL__2PRFIN20030422_070756_000000402015_00407_05972_6504.N1	22-APR-2003 07:07:56	Bright	40.000	106	9Bet Crv	2.6480	5600.0	80	5972	No
127	GOM_NL__2PRFIN20030422_071101_000000412015_00407_05972_6505.N1	22-APR-2003 07:11:01	Bright	40.500	15	67Alp Vir	0.97600	28000.	81	5972	No
128	GOM_NL__2PRFIN20030422_071403_000000382015_00407_05972_6506.N1	22-APR-2003 07:14:03	Bright	37.500	121	29Gam Vir	2.7400	7200.0	75	5972	No
129	GOM_NL__2PRFIN20030422_071736_000000382015_00407_05972_6507.N1	22-APR-2003 07:17:36	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	5972	No
130	GOM_NL__2PRFIN20030422_072029_000000442015_00407_05972_6508.N1	22-APR-2003 07:20:29	Bright	44.000	111	8Eta Boo	2.6800	6000.0	88	5972	No
131	GOM_NL__2PRFIN20030422_072532_000000372015_00407_05972_6509.N1	22-APR-2003 07:25:32	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	5972	No
132	GOM_NL__2PRFIN20030422_072732_000000372015_00407_05972_6510.N1	22-APR-2003 07:27:32	Bright	37.000	174	52Psi UMa	3.0040	4400.0	74	5972	No
133	GOM_NL__2PRFIN20030422_072942_000000372015_00407_05972_6511.N1	22-APR-2003 07:29:42	Bright	36.500	87	64Gam UMa	2.4330	11000.	73	5972	No
134	GOM_NL__2PRFIN20030422_073213_000000372015_00407_05972_6512.N1	22-APR-2003 07:32:13	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	5972	No
135	GOM_NL__2PRFIN20030422_073651_000000392015_00407_05972_6513.N1	22-APR-2003 07:36:51	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	5972	No
136	GOM_NL__2PRFIN20030422_074005_000000332015_00407_05972_6514.N1	22-APR-2003 07:40:05	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	5972	No
137	GOM_NL__2PRFIN20030422_074320_000000662015_00407_05972_6515.N1	22-APR-2003 07:43:20	Bright	65.500	69	33Gam Dra	2.2310	3800.0	131	5972	No
138	GOM_NL__2PRFIN20030422_074704_000000412015_00407_05972_6516.N1	22-APR-2003 07:47:04	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	5972	No
139	GOM_NL__2PRFIN20030422_074837_000000342015_00407_05972_6517.N1	22-APR-2003 07:48:37	Bright	33.500	74	11Bet Cas	2.2680	6600.0	67	5972	No
140	GOM_NL__2PRFIN20030422_075200_000001422015_00407_05972_6518.N1	22-APR-2003 07:52:00	Bright	141.50	5	3Alp Lyr	0.033000	11000.	283	5972	No
141	GOM_NL__2PRFIN20030422_075704_000000732015_00407_05972_6519.N1	22-APR-2003 07:57:04	Twi_and_stray	73.000	92	53Eps Cyg	2.5000	4500.0	146	5972	No
142	GOM_NL__2PRFIN20030422_080140_000000392015_00407_05972_6520.N1	22-APR-2003 08:01:40	Twi_and_stray	39.000	90	54Alp Peg	2.4870	11000.	78	5972	No
143	GOM_NL__2PRFIN20030422_080506_000000582015_00407_05972_6521.N1	22-APR-2003 08:05:06	Dark	58.000	61	8Eps Peg	2.1000	3900.0	116	5972	No
144	GOM_NL__2PRFIN20030422_080733_000000492015_00407_05972_6522.N1	22-APR-2003 08:07:33	Dark	48.500	162	34Alp Aqr	2.9440	5350.0	97	5972	No
145	GOM_NL__2PRFIN20030422_081032_000000532015_00407_05972_6523.N1	22-APR-2003 08:10:32	Dark	53.000	154	22Bet Aqr	2.8990	5700.0	106	5972	No
146	GOM_NL__2PRFIN20030422_081411_000000442015_00407_05972_6524.N1	22-APR-2003 08:14:11	Dark	44.000	18	24Alp PsA	1.1660	9700.0	88	5972	No
147	GOM_NL__2PRFIN20030422_082247_000000442015_00407_05972_6525.N1	22-APR-2003 08:22:47	Dark	44.000	148	Alp Tuc	2.8780	4100.0	88	5972	No
148	GOM_NL__2PRFIN20030422_082459_000000402015_00408_05973_6334.N1	22-APR-2003 08:24:59	Dark	39.500	45	Alp Pav	1.9400	26000.	79	5973	No
149	GOM_NL__2PRFIN20030422_082823_000000692015_00408_05973_6335.N1	22-APR-2003 08:28:23	Dark	68.500	103	38Zet Sgr	2.6000	9700.0	137	5973	No
150	GOM_NL__2PRFIN20030422_083140_000000682015_00408_05973_6336.N1	22-APR-2003 08:31:40	Dark	67.500	38	20Eps Sgr	1.8360	11000.	135	5973	No
151	GOM_NL__2PRFIN20030422_083341_000000542015_00408_05973_6337.N1	22-APR-2003 08:33:41	Straylight	54.000	40	The Sco	1.8590	7100.0	108	5973	No
152	GOM_NL__2PRFIN20030422_083632_000000452015_00408_05973_6338.N1	22-APR-2003 08:36:32	Straylight	45.000	4	Alp1Cen	-0.010000	5800.0	90	5973	No
153	GOM_NL__2PRFIN20030422_084304_000000852015_00408_05973_6339.N1	22-APR-2003 08:43:04	Twi_and_stray	85.000	16	21Alp Sco	1.0200	3000.0	170	5973	No
154	GOM_NL__2PRFIN20030422_084551_000000762015_00408_05973_6340.N1	22-APR-2003 08:45:51	Twi_and_stray	75.500	80	7Del Sco	2.3160	30000.	151	5973	No
155	GOM_NL__2PRFIN20030422_084832_000000422015_00408_05973_6341.N1	22-APR-2003 08:48:32	Bright	41.500	106	9Bet Crv	2.6480	5600.0	83	5973	No
156	GOM_NL__2PRFIN20030422_085137_000000412015_00408_05973_6342.N1	22-APR-2003 08:51:37	Bright	41.000	15	67Alp Vir	0.97600	28000.	82	5973	No
157	GOM_NL__2PRFIN20030422_085439_000000372015_00408_05973_6343.N1	22-APR-2003 08:54:39	Bright	37.000	121	29Gam Vir	2.7400	7200.0	74	5973	No
158	GOM_NL__2PRFIN20030422_085812_000000372015_00408_05973_6344.N1	22-APR-2003 08:58:12	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	5973	No
159	GOM_NL__2PRFIN20030422_090105_000000432015_00408_05973_6345.N1	22-APR-2003 09:01:05	Bright	42.500	111	8Eta Boo	2.6800	6000.0	85	5973	No
160	GOM_NL__2PRFIN20030422_090608_000000382015_00408_05973_6346.N1	22-APR-2003 09:06:08	Bright	38.000	152	12Alp2CVn	2.8900	11000.	76	5973	No

161	GOM_NL__2PRFIN20030422_090808_000000362015_00408_05973_6347.N1	22-APR-2003 09:08:08	Bright	35.500	174	52Psi UMa	3.0040	4400.0	71	5973	No
162	GOM_NL__2PRFIN20030422_091018_000000372015_00408_05973_6348.N1	22-APR-2003 09:10:18	Bright	36.500	87	64Gam UMa	2.4330	11000.	73	5973	No
163	GOM_NL__2PRFIN20030422_091249_000000352015_00408_05973_6349.N1	22-APR-2003 09:12:49	Bright	35.000	36	50Alp UMa	1.8000	6300.0	70	5973	No
164	GOM_NL__2PRFIN20030422_091727_000000392015_00408_05973_6350.N1	22-APR-2003 09:17:27	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	5973	No
165	GOM_NL__2PRFIN20030422_092041_000000362015_00408_05973_6351.N1	22-APR-2003 09:20:41	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	5973	No
166	GOM_NL__2PRFIN20030422_092355_000000672015_00408_05973_6352.N1	22-APR-2003 09:23:55	Bright	66.500	69	33Gam Dra	2.2310	3800.0	133	5973	No
167	GOM_NL__2PRFIN20030422_092740_000000522015_00408_05973_6353.N1	22-APR-2003 09:27:40	Bright	51.500	89	5Alp Cep	2.4510	8000.0	103	5973	No
168	GOM_NL__2PRFIN20030422_092913_000000372015_00408_05973_6354.N1	22-APR-2003 09:29:13	Bright	36.500	74	11Bet Cas	2.2680	6600.0	73	5973	No
169	GOM_NL__2PRFIN20030422_093235_000001402015_00408_05973_6355.N1	22-APR-2003 09:32:35	Bright	140.00	5	3Alp Lyr	0.033000	11000.	280	5973	No
170	GOM_NL__2PRFIN20030422_093740_000000682015_00408_05973_6356.N1	22-APR-2003 09:37:40	Twi_and_stray	67.500	92	53Eps Cyg	2.5000	4500.0	135	5973	No
171	GOM_NL__2PRFIN20030422_094216_000000422015_00408_05973_6357.N1	22-APR-2003 09:42:16	Twi_and_stray	42.000	90	54Alp Peg	2.4870	11000.	84	5973	No
172	GOM_NL__2PRFIN20030422_094542_000000562015_00408_05973_6358.N1	22-APR-2003 09:45:42	Dark	55.500	61	8Eps Peg	2.1000	3900.0	111	5973	No
173	GOM_NL__2PRFIN20030422_094810_000000482015_00408_05973_6359.N1	22-APR-2003 09:48:10	Dark	47.500	162	34Alp Aqr	2.9440	5350.0	95	5973	No
174	GOM_NL__2PRFIN20030422_095109_000000562015_00408_05973_6360.N1	22-APR-2003 09:51:09	Dark	55.500	154	22Bet Aqr	2.8990	5700.0	111	5973	No
175	GOM_NL__2PRFIN20030422_095447_000000472015_00408_05973_6361.N1	22-APR-2003 09:54:47	Dark	47.000	18	24Alp PsA	1.1660	9700.0	94	5973	No
176	GOM_NL__2PRFIN20030422_100323_000000402015_00408_05973_6362.N1	22-APR-2003 10:03:23	Dark	40.000	148	Alp Tuc	2.8780	4100.0	80	5973	No
177	GOM_NL__2PRFIN20030422_100535_000000412015_00409_05974_6334.N1	22-APR-2003 10:05:35	Dark	41.000	45	Alp Pav	1.9400	26000.	82	5974	No
178	GOM_NL__2PRFIN20030422_100901_000000712015_00409_05974_6335.N1	22-APR-2003 10:09:01	Dark	71.000	103	38Zet Sgr	2.6000	9700.0	142	5974	No
179	GOM_NL__2PRFIN20030422_101217_000000662015_00409_05974_6336.N1	22-APR-2003 10:12:17	Dark	65.500	38	20Eps Sgr	1.8360	11000.	131	5974	No
180	GOM_NL__2PRFIN20030422_101418_000000572015_00409_05974_6337.N1	22-APR-2003 10:14:18	Straylight	56.500	40	The Sco	1.8590	7100.0	113	5974	No
181	GOM_NL__2PRFIN20030422_101708_000000422015_00409_05974_6338.N1	22-APR-2003 10:17:08	Straylight	42.000	4	Alp1Cen	-0.010000	5800.0	84	5974	No
182	GOM_NL__2PRFIN20030422_102340_000000932015_00409_05974_6339.N1	22-APR-2003 10:23:40	Twi_and_stray	93.000	16	21Alp Sco	1.0200	3000.0	186	5974	No
183	GOM_NL__2PRFIN20030422_102627_000000732015_00409_05974_6340.N1	22-APR-2003 10:26:27	Twi_and_stray	72.500	80	7Del Sco	2.3160	30000.	145	5974	No
184	GOM_NL__2PRFIN20030422_102908_000000432015_00409_05974_6341.N1	22-APR-2003 10:29:08	Bright	43.000	106	9Bet Crv	2.6480	5600.0	86	5974	No
185	GOM_NL__2PRFIN20030422_103212_000000412015_00409_05974_6342.N1	22-APR-2003 10:32:12	Bright	41.000	15	67Alp Vir	0.97600	28000.	82	5974	No
186	GOM_NL__2PRFIN20030422_103515_000000362015_00409_05974_6343.N1	22-APR-2003 10:35:15	Bright	36.000	121	29Gam Vir	2.7400	7200.0	72	5974	No
187	GOM_NL__2PRFIN20030422_103848_000000382015_00409_05974_6344.N1	22-APR-2003 10:38:48	Bright	38.000	138	47Eps Vir	2.8280	4700.0	76	5974	No
188	GOM_NL__2PRFIN20030422_104140_000000472015_00409_05974_6345.N1	22-APR-2003 10:41:40	Bright	47.000	111	8Eta Boo	2.6800	6000.0	94	5974	No
189	GOM_NL__2PRFIN20030422_104644_000000382015_00409_05974_6346.N1	22-APR-2003 10:46:44	Bright	37.500	152	12Alp2CVn	2.8900	11000.	75	5974	No
190	GOM_NL__2PRFIN20030422_104844_000000372015_00409_05974_6347.N1	22-APR-2003 10:48:44	Bright	36.500	174	52Psi UMa	3.0040	4400.0	73	5974	No
191	GOM_NL__2PRFIN20030422_105054_000000362015_00409_05974_6348.N1	22-APR-2003 10:50:54	Bright	36.000	87	64Gam UMa	2.4330	11000.	72	5974	No
192	GOM_NL__2PRFIN20030422_105325_000000372015_00409_05974_6349.N1	22-APR-2003 10:53:25	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	5974	No
193	GOM_NL__2PRFIN20030422_105802_000000412015_00409_05974_6350.N1	22-APR-2003 10:58:02	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	5974	No
194	GOM_NL__2PRFIN20030422_110117_000000352015_00409_05974_6351.N1	22-APR-2003 11:01:17	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	5974	No
195	GOM_NL__2PRFIN20030422_110429_000000662015_00409_05974_6352.N1	22-APR-2003 11:04:29	Bright	65.500	69	33Gam Dra	2.2310	3800.0	131	5974	No
196	GOM_NL__2PRFIN20030422_110815_000000402015_00409_05974_6353.N1	22-APR-2003 11:08:15	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	5974	No
197	GOM_NL__2PRFIN20030422_110949_000000362015_00409_05974_6354.N1	22-APR-2003 11:09:49	Bright	35.500	74	11Bet Cas	2.2680	6600.0	71	5974	No
198	GOM_NL__2PRFIN20030422_111310_000001442015_00409_05974_6355.N1	22-APR-2003 11:13:10	Bright	143.50	5	3Alp Lyr	0.033000	11000.	287	5974	No
199	GOM_NL__2PRFIN20030422_111815_000000672015_00409_05974_6356.N1	22-APR-2003 11:18:15	Twi_and_stray	66.500	92	53Eps Cyg	2.5000	4500.0	133	5974	No
200	GOM_NL__2PRFIN20030422_112251_000000412015_00409_05974_6357.N1	22-APR-2003 11:22:51	Twi_and_stray	41.000	90	54Alp Peg	2.4870	11000.	82	5974	No
201	GOM_NL__2PRFIN20030422_112618_000000602015_00409_05974_6358.N1	22-APR-2003 11:26:18	Dark	59.500	61	8Eps Peg	2.1000	3900.0	119	5974	No
202	GOM_NL__2PRFIN20030422_112846_000000512015_00409_05974_6359.N1	22-APR-2003 11:28:46	Dark	51.000	162	34Alp Aqr	2.9440	5350.0	102	5974	No
203	GOM_NL__2PRFIN20030422_113145_000000542015_00409_05974_6360.N1	22-APR-2003 11:31:45	Dark	54.000	154	22Bet Aqr	2.8990	5700.0	108	5974	No
204	GOM_NL__2PRFIN20030422_113523_000000452015_00409_05974_6361.N1	22-APR-2003 11:35:23	Dark	44.500	18	24Alp PsA	1.1660	9700.0	89	5974	No
205	GOM_NL__2PRFIN20030422_114359_000000412015_00409_05974_6362.N1	22-APR-2003 11:43:59	Dark	40.500	148	Alp Tuc	2.8780	4100.0	81	5974	No
206	GOM_NL__2PRFIN20030422_114612_000000422015_00410_05975_6518.N1	22-APR-2003 11:46:12	Dark	41.500	45	Alp Pav	1.9400	26000.	83	5975	No
207	GOM_NL__2PRFIN20030422_114939_000000702015_00410_05975_6519.N1	22-APR-2003 11:49:39	Dark	70.000	103	38Zet Sgr	2.6000	9700.0	140	5975	No
208	GOM_NL__2PRFIN20030422_115255_000000712015_00410_05975_6520.N1	22-APR-2003 11:52:55	Dark	70.500	38	20Eps Sgr	1.8360	11000.	141	5975	No
209	GOM_NL__2PRFIN20030422_115455_000000582015_00410_05975_6521.N1	22-APR-2003 11:54:55	Straylight	58.000	40	The Sco	1.8590	7100.0	116	5975	No
210	GOM_NL__2PRFIN20030422_115744_000000502015_00410_05975_6522.N1	22-APR-2003 11:57:44	Straylight	50.000	4	Alp1Cen	-0.010000	5800.0	100	5975	No
211	GOM_NL__2PRFIN20030422_120101_000000422015_00410_05975_6523.N1	22-APR-2003 12:01:01	Straylight	41.500	78	Alp Lup	2.3040	28000.	83	5975	No
212	GOM_NL__2PRFIN20030422_120417_000000892015_00410_05975_6524.N1	22-APR-2003 12:04:17	Twi_and_stray	88.500	16	21Alp Sco	1.0200	3000.0	177	5975	No
213	GOM_NL__2PRFIN20030422_120703_000000672015_00410_05975_6525.N1	22-APR-2003 12:07:03	Twi_and_stray	67.000	80	7Del Sco	2.3160	30000.	134	5975	No
214	GOM_NL__2PRFIN20030422_120944_000000402015_00410_05975_6526.N1	22-APR-2003 12:09:44	Bright	39.500	106	9Bet Crv	2.6480	5600.0	79	5975	No
215	GOM_NL__2PRFIN20030422_121248_000000412015_00410_05975_6527.N1	22-APR-2003 12:12:48	Bright	41.000	15	67Alp Vir	0.97600	28000.	82	5975	No
216	GOM_NL__2PRFIN20030422_121550_000000372015_00410_05975_6528.N1	22-APR-2003 12:15:50	Bright	37.000	121	29Gam Vir	2.7400	7200.0	74	5975	No
217	GOM_NL__2PRFIN20030422_121924_000000382015_00410_05975_6529.N1	22-APR-2003 12:19:24	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	5975	No
218	GOM_NL__2PRFIN20030422_122216_000000442015_00410_05975_6530.N1	22-APR-2003 12:22:16	Bright	43.500	111	8Eta Boo	2.6800	6000.0	87	5975	No
219	GOM_NL__2PRFIN20030422_122719_000000382015_00410_05975_6531.N1	22-APR-2003 12:27:19	Bright	38.000	152	12Alp2CVn	2.8900	11000.	76	5975	No

220	GOM_NL__2PRFIN20030422_122920_000000372015_00410_05975_6532.N1	22-APR-2003 12:29:20	Bright	36.500	174	52Psi UMa	3.0040	4400.0	73	5975	No
221	GOM_NL__2PRFIN20030422_123130_000000352015_00410_05975_6533.N1	22-APR-2003 12:31:30	Bright	35.000	87	64Gam UMa	2.4330	11000.	70	5975	No
222	GOM_NL__2PRFIN20030422_123401_000000362015_00410_05975_6534.N1	22-APR-2003 12:34:01	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	5975	No
223	GOM_NL__2PRFIN20030422_123838_000000402015_00410_05975_6535.N1	22-APR-2003 12:38:38	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	5975	No
224	GOM_NL__2PRFIN20030422_124153_000000332015_00410_05975_6536.N1	22-APR-2003 12:41:53	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	5975	No
225	GOM_NL__2PRFIN20030422_124504_000000652015_00410_05975_6537.N1	22-APR-2003 12:45:04	Bright	65.000	69	33Gam Dra	2.2310	3800.0	130	5975	No
226	GOM_NL__2PRFIN20030422_124851_000000412015_00410_05975_6538.N1	22-APR-2003 12:48:51	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	5975	No
227	GOM_NL__2PRFIN20030422_125025_000000372015_00410_05975_6539.N1	22-APR-2003 12:50:25	Bright	36.500	74	11Bet Cas	2.2680	6600.0	73	5975	No
228	GOM_NL__2PRFIN20030422_125345_000001512015_00410_05975_6540.N1	22-APR-2003 12:53:45	Bright	150.50	5	3Alp Lyr	0.033000	11000.	301	5975	No
229	GOM_NL__2PRFIN20030422_125852_000000642015_00410_05975_6541.N1	22-APR-2003 12:58:52	Twi_and_stray	64.000	92	53Eps Cyg	2.5000	4500.0	128	5975	No
230	GOM_NL__2PRFIN20030422_130328_000000432015_00410_05975_6542.N1	22-APR-2003 13:03:28	Twi_and_stray	42.500	90	54Alp Peg	2.4870	11000.	85	5975	No
231	GOM_NL__2PRFIN20030422_130655_000000582015_00410_05975_6543.N1	22-APR-2003 13:06:55	Dark	58.000	61	8Eps Peg	2.1000	3900.0	116	5975	No
232	GOM_NL__2PRFIN20030422_130923_000000492015_00410_05975_6544.N1	22-APR-2003 13:09:23	Dark	48.500	162	34Alp Aqr	2.9440	5350.0	97	5975	No
233	GOM_NL__2PRFIN20030422_131222_000000542015_00410_05975_6545.N1	22-APR-2003 13:12:22	Dark	54.000	154	22Bet Aqr	2.8990	5700.0	108	5975	No
234	GOM_NL__2PRFIN20030422_131559_000000422015_00410_05975_6546.N1	22-APR-2003 13:15:59	Dark	41.500	18	24Alp PsA	1.1660	9700.0	83	5975	No
235	GOM_NL__2PRFIN20030422_132435_000000372015_00410_05975_6547.N1	22-APR-2003 13:24:35	Dark	37.000	148	Alp Tuc	2.8780	4100.0	74	5975	No
236	GOM_NL__2PRFIN20030422_132648_000000412015_00411_05976_6333.N1	22-APR-2003 13:26:48	Dark	40.500	45	Alp Pav	1.9400	26000.	81	5976	No
237	GOM_NL__2PRFIN20030422_133016_000000682015_00411_05976_6334.N1	22-APR-2003 13:30:16	Dark	67.500	103	38Zet Sgr	2.6000	9700.0	135	5976	No
238	GOM_NL__2PRFIN20030422_133332_000000652015_00411_05976_6335.N1	22-APR-2003 13:33:32	Dark	65.000	38	20Eps Sgr	1.8360	11000.	130	5976	No
239	GOM_NL__2PRFIN20030422_133531_000000582015_00411_05976_6336.N1	22-APR-2003 13:35:31	Straylight	57.500	40	The Sco	1.8590	7100.0	115	5976	No
240	GOM_NL__2PRFIN20030422_133820_000000442015_00411_05976_6337.N1	22-APR-2003 13:38:20	Straylight	43.500	4	Alp1Cen	-0.010000	5800.0	87	5976	No
241	GOM_NL__2PRFIN20030422_134137_000000412015_00411_05976_6338.N1	22-APR-2003 13:41:37	Straylight	41.000	78	Alp Lup	2.3040	28000.	82	5976	No
242	GOM_NL__2PRFIN20030422_134453_000000892015_00411_05976_6339.N1	22-APR-2003 13:44:53	Twi_and_stray	88.500	16	21Alp Sco	1.0200	3000.0	177	5976	No
243	GOM_NL__2PRFIN20030422_134739_000000762015_00411_05976_6340.N1	22-APR-2003 13:47:39	Twi_and_stray	75.500	80	7Del Sco	2.3160	30000.	151	5976	No
244	GOM_NL__2PRFIN20030422_135020_000000432015_00411_05976_6341.N1	22-APR-2003 13:50:20	Bright	42.500	106	9Bet Crv	2.6480	5600.0	85	5976	No
245	GOM_NL__2PRFIN20030422_135324_000000412015_00411_05976_6342.N1	22-APR-2003 13:53:24	Bright	40.500	15	67Alp Vir	0.97600	28000.	81	5976	No
246	GOM_NL__2PRFIN20030422_135626_000000382015_00411_05976_6343.N1	22-APR-2003 13:56:26	Bright	37.500	121	29Gam Vir	2.7400	7200.0	75	5976	No
247	GOM_NL__2PRFIN20030422_135959_000000382015_00411_05976_6344.N1	22-APR-2003 13:59:59	Bright	38.000	138	47Eps Vir	2.8280	4700.0	76	5976	No
248	GOM_NL__2PRFIN20030422_140251_000000432015_00411_05976_6345.N1	22-APR-2003 14:02:51	Bright	43.000	111	8Eta Boo	2.6800	6000.0	86	5976	No
249	GOM_NL__2PRFIN20030422_140756_000000372015_00411_05976_6346.N1	22-APR-2003 14:07:56	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	5976	No
250	GOM_NL__2PRFIN20030422_140957_000000362015_00411_05976_6347.N1	22-APR-2003 14:09:57	Bright	36.000	174	52Psi UMa	3.0040	4400.0	72	5976	No
251	GOM_NL__2PRFIN20030422_141206_000000382015_00411_05976_6348.N1	22-APR-2003 14:12:06	Bright	37.500	87	64Gam UMa	2.4330	11000.	75	5976	No
252	GOM_NL__2PRFIN20030422_141437_000000372015_00411_05976_6349.N1	22-APR-2003 14:14:37	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	5976	No
253	GOM_NL__2PRFIN20030422_141914_000000402015_00411_05976_6350.N1	22-APR-2003 14:19:14	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	5976	No
254	GOM_NL__2PRFIN20030422_142230_000000332015_00411_05976_6351.N1	22-APR-2003 14:22:30	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	5976	No
255	GOM_NL__2PRFIN20030422_142540_000000662015_00411_05976_6352.N1	22-APR-2003 14:25:40	Bright	65.500	69	33Gam Dra	2.2310	3800.0	131	5976	No
256	GOM_NL__2PRFIN20030422_142927_000000412015_00411_05976_6353.N1	22-APR-2003 14:29:27	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	5976	No
257	GOM_NL__2PRFIN20030422_143101_000000342015_00411_05976_6354.N1	22-APR-2003 14:31:01	Bright	34.000	74	11Bet Cas	2.2680	6600.0	68	5976	No
258	GOM_NL__2PRFIN20030422_143420_000001452015_00411_05976_6355.N1	22-APR-2003 14:34:20	Bright	144.50	5	3Alp Lyr	0.033000	11000.	289	5976	No
259	GOM_NL__2PRFIN20030422_143929_000000652015_00411_05976_6356.N1	22-APR-2003 14:39:29	Twi_and_stray	65.000	92	53Eps Cyg	2.5000	4500.0	130	5976	No
260	GOM_NL__2PRFIN20030422_144405_000000422015_00411_05976_6357.N1	22-APR-2003 14:44:05	Twi_and_stray	42.000	90	54Alp Peg	2.4870	11000.	84	5976	No
261	GOM_NL__2PRFIN20030422_144732_000000552015_00411_05976_6358.N1	22-APR-2003 14:47:32	Dark	55.000	61	8Eps Peg	2.1000	3900.0	110	5976	No
262	GOM_NL__2PRFIN20030422_145000_000000502015_00411_05976_6359.N1	22-APR-2003 14:50:00	Dark	49.500	162	34Alp Aqr	2.9440	5350.0	99	5976	No
263	GOM_NL__2PRFIN20030422_145300_000000522015_00411_05976_6360.N1	22-APR-2003 14:53:00	Dark	52.000	154	22Bet Aqr	2.8990	5700.0	104	5976	No
264	GOM_NL__2PRFIN20030422_145636_000000442015_00411_05976_6361.N1	22-APR-2003 14:56:36	Dark	44.000	18	24Alp PsA	1.1660	9700.0	88	5976	No
265	GOM_NL__2PRFIN20030422_150512_000000392015_00411_05976_6362.N1	22-APR-2003 15:05:12	Dark	38.500	148	Alp Tuc	2.8780	4100.0	77	5976	No
266	GOM_NL__2PRFIN20030422_150725_000000402015_00412_05977_6333.N1	22-APR-2003 15:07:25	Dark	40.000	45	Alp Pav	1.9400	26000.	80	5977	No
267	GOM_NL__2PRFIN20030422_151055_000000702015_00412_05977_6334.N1	22-APR-2003 15:10:55	Dark	70.000	103	38Zet Sgr	2.6000	9700.0	140	5977	No
268	GOM_NL__2PRFIN20030422_151410_000000762015_00412_05977_6335.N1	22-APR-2003 15:14:10	Dark	76.000	38	20Eps Sgr	1.8360	11000.	152	5977	No
269	GOM_NL__2PRFIN20030422_151609_000000552015_00412_05977_6336.N1	22-APR-2003 15:16:09	Straylight	54.500	40	The Sco	1.8590	7100.0	109	5977	No
270	GOM_NL__2PRFIN20030422_151857_000000452015_00412_05977_6337.N1	22-APR-2003 15:18:57	Straylight	45.000	4	Alp1Cen	-0.010000	5800.0	90	5977	No
271	GOM_NL__2PRFIN20030422_152215_000000412015_00412_05977_6338.N1	22-APR-2003 15:22:15	Straylight	40.500	78	Alp Lup	2.3040	28000.	81	5977	No
272	GOM_NL__2PRFIN20030422_152530_000000802015_00412_05977_6339.N1	22-APR-2003 15:25:30	Twi_and_stray	80.000	16	21Alp Sco	1.0200	3000.0	160	5977	No
273	GOM_NL__2PRFIN20030422_152817_000000732015_00412_05977_6340.N1	22-APR-2003 15:28:17	Twi_and_stray	72.500	80	7Del Sco	2.3160	30000.	145	5977	No
274	GOM_NL__2PRFIN20030422_153057_000000412015_00412_05977_6341.N1	22-APR-2003 15:30:57	Bright	41.000	106	9Bet Crv	2.6480	5600.0	82	5977	No
275	GOM_NL__2PRFIN20030422_153401_000000422015_00412_05977_6342.N1	22-APR-2003 15:34:01	Bright	42.000	15	67Alp Vir	0.97600	28000.	84	5977	No
276	GOM_NL__2PRFIN20030422_153703_000000372015_00412_05977_6343.N1	22-APR-2003 15:37:03	Bright	36.500	121	29Gam Vir	2.7400	7200.0	73	5977	No
277	GOM_NL__2PRFIN20030422_154036_000000382015_00412_05977_6344.N1	22-APR-2003 15:40:36	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	5977	No
278	GOM_NL__2PRFIN20030422_154327_000000422015_00412_05977_6345.N1	22-APR-2003 15:43:27	Bright	42.000	111	8Eta Boo	2.6800	6000.0	84	5977	No

279	GOM_NL__2PRFIN20030422_154832_000000372015_00412_05977_6346.N1	22-APR-2003 15:48:32	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	5977	No
280	GOM_NL__2PRFIN20030422_155033_000000352015_00412_05977_6347.N1	22-APR-2003 15:50:33	Bright	35.000	174	52Psi UMa	3.0040	4400.0	70	5977	No
281	GOM_NL__2PRFIN20030422_155242_000000362015_00412_05977_6348.N1	22-APR-2003 15:52:42	Bright	35.500	87	64Gam UMa	2.4330	11000.	71	5977	No
282	GOM_NL__2PRFIN20030422_155513_000000382015_00412_05977_6349.N1	22-APR-2003 15:55:13	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	5977	No
283	GOM_NL__2PRFIN20030422_155950_000000402015_00412_05977_6350.N1	22-APR-2003 15:59:50	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	5977	No
284	GOM_NL__2PRFIN20030422_160305_000000372015_00412_05977_6351.N1	22-APR-2003 16:03:05	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	5977	No
285	GOM_NL__2PRFIN20030422_160614_000000662015_00412_05977_6352.N1	22-APR-2003 16:06:14	Bright	65.500	69	33Gam Dra	2.2310	3800.0	131	5977	No
286	GOM_NL__2PRFIN20030422_161003_000000402015_00412_05977_6353.N1	22-APR-2003 16:10:03	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	5977	No
287	GOM_NL__2PRFIN20030422_161137_000000342015_00412_05977_6354.N1	22-APR-2003 16:11:37	Bright	33.500	74	11Bet Cas	2.2680	6600.0	67	5977	No
288	GOM_NL__2PRFIN20030422_161453_000001382015_00412_05977_6355.N1	22-APR-2003 16:14:53	Bright	137.50	5	3Alp Lyr	0.033000	11000.	275	5977	No
289	GOM_NL__2PRFIN20030422_162005_000000682015_00412_05977_6356.N1	22-APR-2003 16:20:05	Twi_and_stray	67.500	92	53Eps Cyg	2.5000	4500.0	135	5977	No
290	GOM_NL__2PRFIN20030422_162441_000000422015_00412_05977_6357.N1	22-APR-2003 16:24:41	Twi_and_stray	42.000	90	54Alp Peg	2.4870	11000.	84	5977	No
291	GOM_NL__2PRFIN20030422_162808_000000572015_00412_05977_6358.N1	22-APR-2003 16:28:08	Dark	56.500	61	8Eps Peg	2.1000	3900.0	113	5977	No
292	GOM_NL__2PRFIN20030422_163036_000000492015_00412_05977_6359.N1	22-APR-2003 16:30:36	Dark	49.000	162	34Alp Aqr	2.9440	5350.0	98	5977	No
293	GOM_NL__2PRFIN20030422_163336_000000522015_00412_05977_6360.N1	22-APR-2003 16:33:36	Dark	52.000	154	22Bet Aqr	2.8990	5700.0	104	5977	No
294	GOM_NL__2PRFIN20030422_163712_000000432015_00412_05977_6361.N1	22-APR-2003 16:37:12	Dark	42.500	18	24Alp PsA	1.1660	9700.0	85	5977	No
295	GOM_NL__2PRFIN20030422_164548_000000392015_00412_05977_6362.N1	22-APR-2003 16:45:48	Dark	39.000	148	Alp Tuc	2.8780	4100.0	78	5977	No
296	GOM_NL__2PRFIN20030422_164802_000000412015_00413_05978_6333.N1	22-APR-2003 16:48:02	Dark	41.000	45	Alp Pav	1.9400	26000.	82	5978	No
297	GOM_NL__2PRFIN20030422_165133_000000702015_00413_05978_6334.N1	22-APR-2003 16:51:33	Dark	69.500	103	38Zet Sgr	2.6000	9700.0	139	5978	No
298	GOM_NL__2PRFIN20030422_165448_000000662015_00413_05978_6335.N1	22-APR-2003 16:54:48	Dark	65.500	38	20Eps Sgr	1.8360	11000.	131	5978	No
299	GOM_NL__2PRFIN20030422_165646_000000572015_00413_05978_6336.N1	22-APR-2003 16:56:46	Straylight	57.000	40	The Sco	1.8590	7100.0	114	5978	No
300	GOM_NL__2PRFIN20030422_165933_000000452015_00413_05978_6337.N1	22-APR-2003 16:59:33	Straylight	44.500	4	Alp1Cen	-0.010000	5800.0	89	5978	No
301	GOM_NL__2PRFIN20030422_170251_000000412015_00413_05978_6338.N1	22-APR-2003 17:02:51	Straylight	40.500	78	Alp Lup	2.3040	28000.	81	5978	No
302	GOM_NL__2PRFIN20030422_170607_000000862015_00413_05978_6339.N1	22-APR-2003 17:06:07	Twi_and_stray	85.500	16	21Alp Sco	1.0200	3000.0	171	5978	No
303	GOM_NL__2PRFIN20030422_170853_000000772015_00413_05978_6340.N1	22-APR-2003 17:08:53	Twi_and_stray	76.500	80	7Del Sco	2.3160	30000.	153	5978	No
304	GOM_NL__2PRFIN20030422_171133_000000392015_00413_05978_6341.N1	22-APR-2003 17:11:33	Bright	39.000	106	9Bet Crv	2.6480	5600.0	78	5978	No
305	GOM_NL__2PRFIN20030422_171437_000000412015_00413_05978_6342.N1	22-APR-2003 17:14:37	Bright	41.000	15	67Alp Vir	0.97600	28000.	82	5978	No
306	GOM_NL__2PRFIN20030422_171739_000000372015_00413_05978_6343.N1	22-APR-2003 17:17:39	Bright	36.500	121	29Gam Vir	2.7400	7200.0	73	5978	No
307	GOM_NL__2PRFIN20030422_172112_000000382015_00413_05978_6344.N1	22-APR-2003 17:21:12	Bright	38.000	138	47Eps Vir	2.8280	4700.0	76	5978	No
308	GOM_NL__2PRFIN20030422_172402_000000432015_00413_05978_6345.N1	22-APR-2003 17:24:02	Bright	43.000	111	8Eta Boo	2.6800	6000.0	86	5978	No
309	GOM_NL__2PRFIN20030422_172907_000000372015_00413_05978_6346.N1	22-APR-2003 17:29:07	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	5978	No
310	GOM_NL__2PRFIN20030422_173109_000000382015_00413_05978_6347.N1	22-APR-2003 17:31:09	Bright	37.500	174	52Psi UMa	3.0040	4400.0	75	5978	No
311	GOM_NL__2PRFIN20030422_173318_000000372015_00413_05978_6348.N1	22-APR-2003 17:33:18	Bright	36.500	87	64Gam UMa	2.4330	11000.	73	5978	No
312	GOM_NL__2PRFIN20030422_173549_000000372015_00413_05978_6349.N1	22-APR-2003 17:35:49	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	5978	No
313	GOM_NL__2PRFIN20030422_174025_000000372015_00413_05978_6350.N1	22-APR-2003 17:40:25	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	5978	No
314	GOM_NL__2PRFIN20030422_174341_000000362015_00413_05978_6351.N1	22-APR-2003 17:43:41	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	5978	No
315	GOM_NL__2PRFIN20030422_174649_000000632015_00413_05978_6352.N1	22-APR-2003 17:46:49	Bright	62.500	69	33Gam Dra	2.2310	3800.0	125	5978	No
316	GOM_NL__2PRFIN20030422_175038_000000422015_00413_05978_6353.N1	22-APR-2003 17:50:38	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	5978	No
317	GOM_NL__2PRFIN20030422_175213_000000342015_00413_05978_6354.N1	22-APR-2003 17:52:13	Bright	33.500	74	11Bet Cas	2.2680	6600.0	67	5978	No
318	GOM_NL__2PRFIN20030422_175529_000001412015_00413_05978_6355.N1	22-APR-2003 17:55:29	Bright	141.00	5	3Alp Lyr	0.033000	11000.	282	5978	No
319	GOM_NL__2PRFIN20030422_180041_000000682015_00413_05978_6356.N1	22-APR-2003 18:00:41	Twi_and_stray	68.000	92	53Eps Cyg	2.5000	4500.0	136	5978	No
320	GOM_NL__2PRFIN20030422_180517_000000422015_00413_05978_6357.N1	22-APR-2003 18:05:17	Twi_and_stray	42.000	90	54Alp Peg	2.4870	11000.	84	5978	No
321	GOM_NL__2PRFIN20030422_180845_000000572015_00413_05978_6358.N1	22-APR-2003 18:08:45	Dark	56.500	61	8Eps Peg	2.1000	3900.0	113	5978	No
322	GOM_NL__2PRFIN20030422_181113_000000482015_00413_05978_6359.N1	22-APR-2003 18:11:13	Dark	47.500	162	34Alp Aqr	2.9440	5350.0	95	5978	No
323	GOM_NL__2PRFIN20030422_181413_000000532015_00413_05978_6360.N1	22-APR-2003 18:14:13	Dark	52.500	154	22Bet Aqr	2.8990	5700.0	105	5978	No
324	GOM_NL__2PRFIN20030422_181748_000000432015_00413_05978_6361.N1	22-APR-2003 18:17:48	Dark	43.000	18	24Alp PsA	1.1660	9700.0	86	5978	No
325	GOM_NL__2PRFIN20030422_182624_000000362015_00413_05978_6362.N1	22-APR-2003 18:26:24	Dark	36.000	148	Alp Tuc	2.8780	4100.0	72	5978	No
326	GOM_NL__2PRFIN20030422_200915_000000402015_00415_05980_5856.N1	22-APR-2003 20:09:15	Dark	40.000	45	Alp Pav	1.9400	26000.	80	5980	No
327	GOM_NL__2PRFIN20030422_201248_000000712015_00415_05980_5857.N1	22-APR-2003 20:12:48	Dark	71.000	103	38Zet Sgr	2.6000	9700.0	142	5980	No
328	GOM_NL__2PRFIN20030422_201603_000000702015_00415_05980_5858.N1	22-APR-2003 20:16:03	Dark	70.000	38	20Eps Sgr	1.8360	11000.	140	5980	No
329	GOM_NL__2PRFIN20030422_202046_000000502015_00415_05980_5859.N1	22-APR-2003 20:20:46	Straylight	49.500	4	Alp1Cen	-0.010000	5800.0	99	5980	No
330	GOM_NL__2PRFIN20030422_202309_000000682015_00415_05980_5860.N1	22-APR-2003 20:23:09	Straylight	68.000	75	26Eps Sco	2.2910	4250.0	136	5980	No
331	GOM_NL__2PRFIN20030422_202538_000000412015_00415_05980_5861.N1	22-APR-2003 20:25:38	Straylight	41.000	81	Eta Cen	2.3560	28000.	82	5980	No
332	GOM_NL__2PRFIN20030422_202720_000000802015_00415_05980_5862.N1	22-APR-2003 20:27:20	Twi_and_stray	79.500	16	21Alp Sco	1.0200	3000.0	159	5980	No
333	GOM_NL__2PRFIN20030422_203006_000000722015_00415_05980_5863.N1	22-APR-2003 20:30:06	Twi_and_stray	72.000	80	7Del Sco	2.3160	30000.	144	5980	No
334	GOM_NL__2PRFIN20030422_203221_000000402015_00415_05980_5864.N1	22-APR-2003 20:32:21	Twi_and_stray	40.000	169	46Gam Hya	2.9910	4700.0	80	5980	No
335	GOM_NL__2PRFIN20030422_203347_000000502015_00415_05980_5865.N1	22-APR-2003 20:33:47	Bright	50.000	122	9Alp2Lib	2.7470	9700.0	100	5980	No
336	GOM_NL__2PRFIN20030422_203549_000000412015_00415_05980_5866.N1	22-APR-2003 20:35:49	Bright	41.000	15	67Alp Vir	0.97600	28000.	82	5980	No
337	GOM_NL__2PRFIN20030422_203851_000000362015_00415_05980_5867.N1	22-APR-2003 20:38:51	Bright	36.000	121	29Gam Vir	2.7400	7200.0	72	5980	No

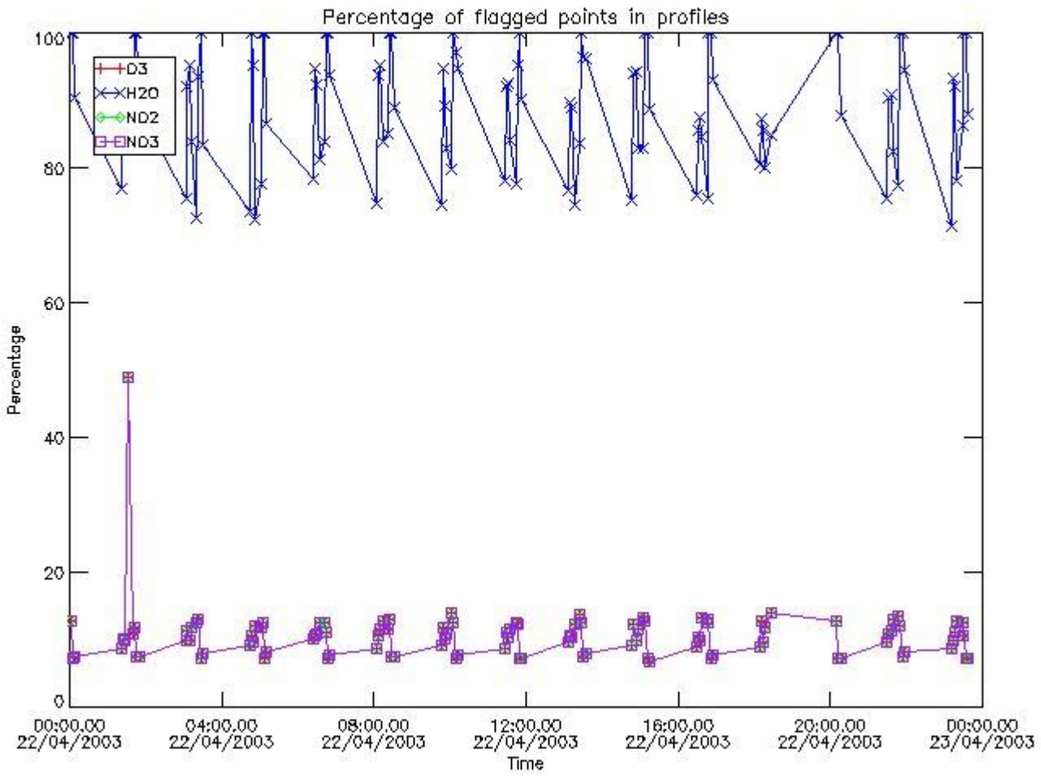
338	GOM_NL__2PRFIN20030422_204223_000000382015_00415_05980_5868.N1	22-APR-2003 20:42:23	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	5980	No
339	GOM_NL__2PRFIN20030422_204514_000000432015_00415_05980_5869.N1	22-APR-2003 20:45:14	Bright	42.500	111	8Eta Boo	2.6800	6000.0	85	5980	No
340	GOM_NL__2PRFIN20030422_205019_000000382015_00415_05980_5870.N1	22-APR-2003 20:50:19	Bright	37.500	152	12Alp2CVn	2.8900	11000.	75	5980	No
341	GOM_NL__2PRFIN20030422_205235_000000462015_00415_05980_5871.N1	22-APR-2003 20:52:35	Bright	46.000	180	27Gam Boo	3.0400	8000.0	92	5980	No
342	GOM_NL__2PRFIN20030422_205430_000000362015_00415_05980_5872.N1	22-APR-2003 20:54:30	Bright	36.000	87	64Gam UMa	2.4330	11000.	72	5980	No
343	GOM_NL__2PRFIN20030422_205702_000000382015_00415_05980_5873.N1	22-APR-2003 20:57:02	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	5980	No
344	GOM_NL__2PRFIN20030422_210137_000000372015_00415_05980_5874.N1	22-APR-2003 21:01:37	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	5980	No
345	GOM_NL__2PRFIN20030422_210453_000000372015_00415_05980_5875.N1	22-APR-2003 21:04:53	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	5980	No
346	GOM_NL__2PRFIN20030422_210759_000000602015_00415_05980_5876.N1	22-APR-2003 21:07:59	Bright	59.500	69	33Gam Dra	2.2310	3800.0	119	5980	No
347	GOM_NL__2PRFIN20030422_211150_000000402015_00415_05980_5877.N1	22-APR-2003 21:11:50	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	5980	No
348	GOM_NL__2PRFIN20030422_211325_000000342015_00415_05980_5878.N1	22-APR-2003 21:13:25	Bright	34.000	74	11Bet Cas	2.2680	6600.0	68	5980	No
349	GOM_NL__2PRFIN20030422_211640_000001302015_00415_05980_5879.N1	22-APR-2003 21:16:40	Bright	130.00	5	3Alp Lyr	0.033000	11000.	260	5980	No
350	GOM_NL__2PRFIN20030422_212153_000000642015_00415_05980_5880.N1	22-APR-2003 21:21:53	Twi_and_stray	63.500	92	53Eps Cyg	2.5000	4500.0	127	5980	No
351	GOM_NL__2PRFIN20030422_212629_000000402015_00415_05980_5881.N1	22-APR-2003 21:26:29	Twi_and_stray	40.000	90	54Alp Peg	2.4870	11000.	80	5980	No
352	GOM_NL__2PRFIN20030422_212958_000000582015_00415_05980_5882.N1	22-APR-2003 21:29:58	Dark	57.500	61	8Eps Peg	2.1000	3900.0	115	5980	No
353	GOM_NL__2PRFIN20030422_213226_000000482015_00415_05980_5883.N1	22-APR-2003 21:32:26	Dark	47.500	162	34Alp Aqr	2.9440	5350.0	95	5980	No
354	GOM_NL__2PRFIN20030422_213526_000000502015_00415_05980_5884.N1	22-APR-2003 21:35:26	Dark	49.500	154	22Bet Aqr	2.8990	5700.0	99	5980	No
355	GOM_NL__2PRFIN20030422_213901_000000432015_00415_05980_5885.N1	22-APR-2003 21:39:01	Dark	43.000	18	24Alp PsA	1.1660	9700.0	86	5980	No
356	GOM_NL__2PRFIN20030422_214737_000000382015_00415_05980_5886.N1	22-APR-2003 21:47:37	Dark	38.000	148	Alp Tuc	2.8780	4100.0	76	5980	No
357	GOM_NL__2PRFIN20030422_214951_000000432015_00416_05981_6336.N1	22-APR-2003 21:49:51	Dark	42.500	45	Alp Pav	1.9400	26000.	85	5981	No
358	GOM_NL__2PRFIN20030422_215325_000000692015_00416_05981_6337.N1	22-APR-2003 21:53:25	Dark	69.000	103	38Zet Sgr	2.6000	9700.0	138	5981	No
359	GOM_NL__2PRFIN20030422_215640_000000632015_00416_05981_6338.N1	22-APR-2003 21:56:40	Dark	63.000	38	20Eps Sgr	1.8360	11000.	126	5981	No
360	GOM_NL__2PRFIN20030422_220122_000000522015_00416_05981_6339.N1	22-APR-2003 22:01:22	Straylight	51.500	4	Alp1Cen	-0.010000	5800.0	103	5981	No
361	GOM_NL__2PRFIN20030422_220345_000000712015_00416_05981_6340.N1	22-APR-2003 22:03:45	Straylight	70.500	75	26Eps Sco	2.2910	4250.0	141	5981	No
362	GOM_NL__2PRFIN20030422_220614_000000432015_00416_05981_6341.N1	22-APR-2003 22:06:14	Straylight	42.500	81	Eta Cen	2.3560	28000.	85	5981	No
363	GOM_NL__2PRFIN20030422_220757_000000872015_00416_05981_6342.N1	22-APR-2003 22:07:57	Twi_and_stray	87.000	16	21Alp Sco	1.0200	3000.0	174	5981	No
364	GOM_NL__2PRFIN20030422_221042_000000722015_00416_05981_6343.N1	22-APR-2003 22:10:42	Twi_and_stray	71.500	80	7Del Sco	2.3160	30000.	143	5981	No
365	GOM_NL__2PRFIN20030422_221257_000000422015_00416_05981_6344.N1	22-APR-2003 22:12:57	Twi_and_stray	41.500	169	46Gam Hya	2.9910	4700.0	83	5981	No
366	GOM_NL__2PRFIN20030422_221423_000000492015_00416_05981_6345.N1	22-APR-2003 22:14:23	Bright	49.000	122	9Alp2Lib	2.7470	9700.0	98	5981	No
367	GOM_NL__2PRFIN20030422_221625_000000412015_00416_05981_6346.N1	22-APR-2003 22:16:25	Bright	40.500	15	67Alp Vir	0.97600	28000.	81	5981	No
368	GOM_NL__2PRFIN20030422_221927_000000372015_00416_05981_6347.N1	22-APR-2003 22:19:27	Bright	37.000	121	29Gam Vir	2.7400	7200.0	74	5981	No
369	GOM_NL__2PRFIN20030422_222259_000000382015_00416_05981_6348.N1	22-APR-2003 22:22:59	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	5981	No
370	GOM_NL__2PRFIN20030422_222549_000000432015_00416_05981_6349.N1	22-APR-2003 22:25:49	Bright	42.500	111	8Eta Boo	2.6800	6000.0	85	5981	No
371	GOM_NL__2PRFIN20030422_223054_000000362015_00416_05981_6350.N1	22-APR-2003 22:30:54	Bright	36.000	152	12Alp2CVn	2.8900	11000.	72	5981	No
372	GOM_NL__2PRFIN20030422_223310_000000472015_00416_05981_6351.N1	22-APR-2003 22:33:10	Bright	46.500	180	27Gam Boo	3.0400	8000.0	93	5981	No
373	GOM_NL__2PRFIN20030422_223506_000000352015_00416_05981_6352.N1	22-APR-2003 22:35:06	Bright	35.000	87	64Gam UMa	2.4330	11000.	70	5981	No
374	GOM_NL__2PRFIN20030422_223738_000000372015_00416_05981_6353.N1	22-APR-2003 22:37:38	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	5981	No
375	GOM_NL__2PRFIN20030422_224212_000000392015_00416_05981_6354.N1	22-APR-2003 22:42:12	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	5981	No
376	GOM_NL__2PRFIN20030422_224529_000000352015_00416_05981_6355.N1	22-APR-2003 22:45:29	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	5981	No
377	GOM_NL__2PRFIN20030422_224834_000000662015_00416_05981_6356.N1	22-APR-2003 22:48:34	Bright	65.500	69	33Gam Dra	2.2310	3800.0	131	5981	No
378	GOM_NL__2PRFIN20030422_225225_000000412015_00416_05981_6357.N1	22-APR-2003 22:52:25	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	5981	No
379	GOM_NL__2PRFIN20030422_225401_000000362015_00416_05981_6358.N1	22-APR-2003 22:54:01	Bright	36.000	74	11Bet Cas	2.2680	6600.0	72	5981	No
380	GOM_NL__2PRFIN20030422_225715_000001412015_00416_05981_6359.N1	22-APR-2003 22:57:15	Bright	141.00	5	3Alp Lyr	0.033000	11000.	282	5981	No
381	GOM_NL__2PRFIN20030422_230229_000000682015_00416_05981_6360.N1	22-APR-2003 23:02:29	Twi_and_stray	68.000	92	53Eps Cyg	2.5000	4500.0	136	5981	No
382	GOM_NL__2PRFIN20030422_230705_000000442015_00416_05981_6361.N1	22-APR-2003 23:07:05	Twi_and_stray	43.500	90	54Alp Peg	2.4870	11000.	87	5981	No
383	GOM_NL__2PRFIN20030422_231034_000000582015_00416_05981_6362.N1	22-APR-2003 23:10:34	Dark	58.000	61	8Eps Peg	2.1000	3900.0	116	5981	No
384	GOM_NL__2PRFIN20030422_231302_000000522015_00416_05981_6363.N1	22-APR-2003 23:13:02	Dark	52.000	162	34Alp Aqr	2.9440	5350.0	104	5981	No
385	GOM_NL__2PRFIN20030422_231603_000000512015_00416_05981_6364.N1	22-APR-2003 23:16:03	Dark	51.000	154	22Bet Aqr	2.8990	5700.0	102	5981	No
386	GOM_NL__2PRFIN20030422_231937_000000442015_00416_05981_6365.N1	22-APR-2003 23:19:37	Dark	44.000	18	24Alp PsA	1.1660	9700.0	88	5981	No
387	GOM_NL__2PRFIN20030422_232813_000000482015_00416_05981_6366.N1	22-APR-2003 23:28:13	Dark	48.000	148	Alp Tuc	2.8780	4100.0	96	5981	No
388	GOM_NL__2PRFIN20030422_233028_000000412015_00417_05982_6337.N1	22-APR-2003 23:30:28	Dark	40.500	45	Alp Pav	1.9400	26000.	81	5982	No
389	GOM_NL__2PRFIN20030422_233403_000000712015_00417_05982_6338.N1	22-APR-2003 23:34:03	Dark	70.500	103	38Zet Sgr	2.6000	9700.0	141	5982	No
390	GOM_NL__2PRFIN20030422_233717_000000712015_00417_05982_6339.N1	22-APR-2003 23:37:17	Dark	70.500	38	20Eps Sgr	1.8360	11000.	141	5982	No
391	GOM_NL__2PRFIN20030422_234158_000000402015_00417_05982_6340.N1	22-APR-2003 23:41:58	Straylight	40.000	4	Alp1Cen	-0.010000	5800.0	80	5982	No
392	GOM_NL__2PRFIN20030422_234422_000000712015_00417_05982_6341.N1	22-APR-2003 23:44:22	Straylight	71.000	75	26Eps Sco	2.2910	4250.0	142	5982	No
393	GOM_NL__2PRFIN20030422_234650_000000442015_00417_05982_6342.N1	22-APR-2003 23:46:50	Straylight	43.500	81	Eta Cen	2.3560	28000.	87	5982	No
394	GOM_NL__2PRFIN20030422_234834_000000912015_00417_05982_6343.N1	22-APR-2003 23:48:34	Twi_and_stray	90.500	16	21Alp Sco	1.0200	3000.0	181	5982	No
395	GOM_NL__2PRFIN20030422_235118_000000722015_00417_05982_6344.N1	22-APR-2003 23:51:18	Twi_and_stray	72.000	80	7Del Sco	2.3160	30000.	144	5982	No
396	GOM_NL__2PRFIN20030422_235333_000000442015_00417_05982_6345.N1	22-APR-2003 23:53:33	Twi_and_stray	43.500	169	46Gam Hya	2.9910	4700.0	87	5982	No

397	GOM_NL__2PRFIN20030422_235459_000000512015_00417_05982_6346.N1	22-APR-2003 23:54:59	Bright	51.000	122	9Alp2Lib	2.7470	9700.0	102	5982	No
398	GOM_NL__2PRFIN20030422_235701_000000402015_00417_05982_6347.N1	22-APR-2003 23:57:01	Bright	40.000	15	67Alp Vir	0.97600	28000.	80	5982	No

3. Quality information per product

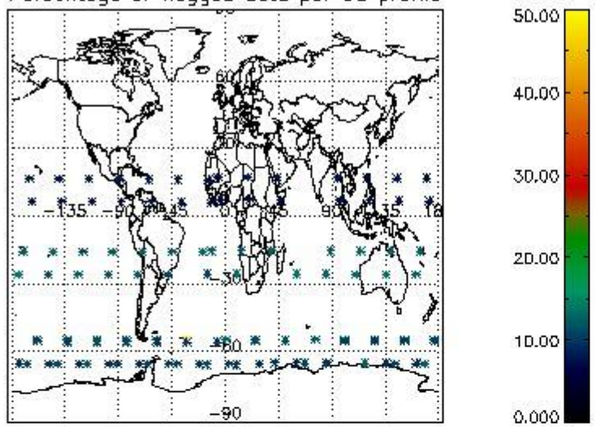
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

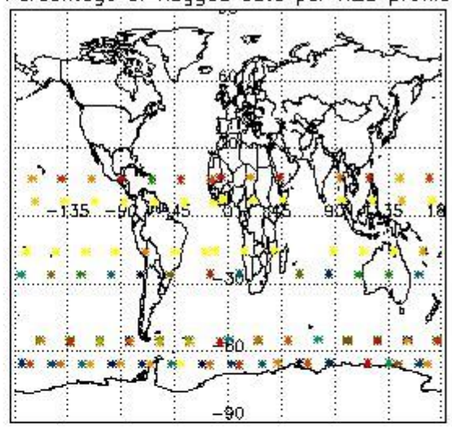


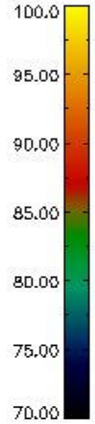
3.2 Plot quality information per product (world map)

Percentage of flagged data per O3 profile

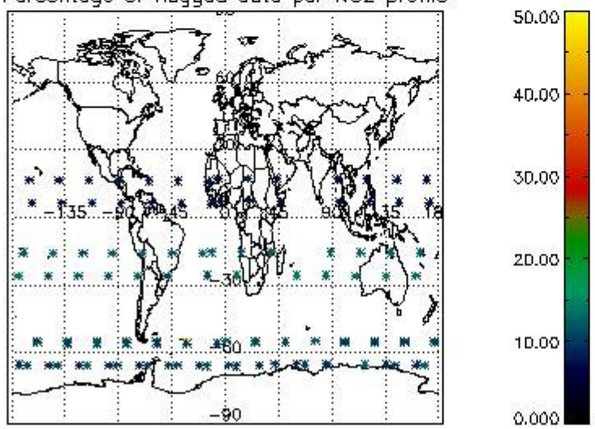


Percentage of flagged data per H2O profile

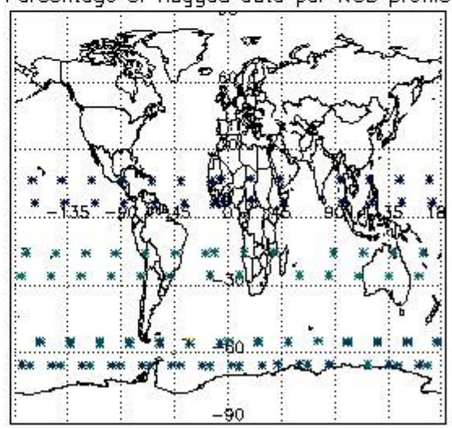


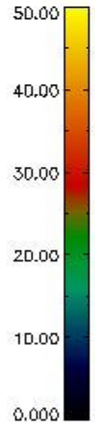


Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



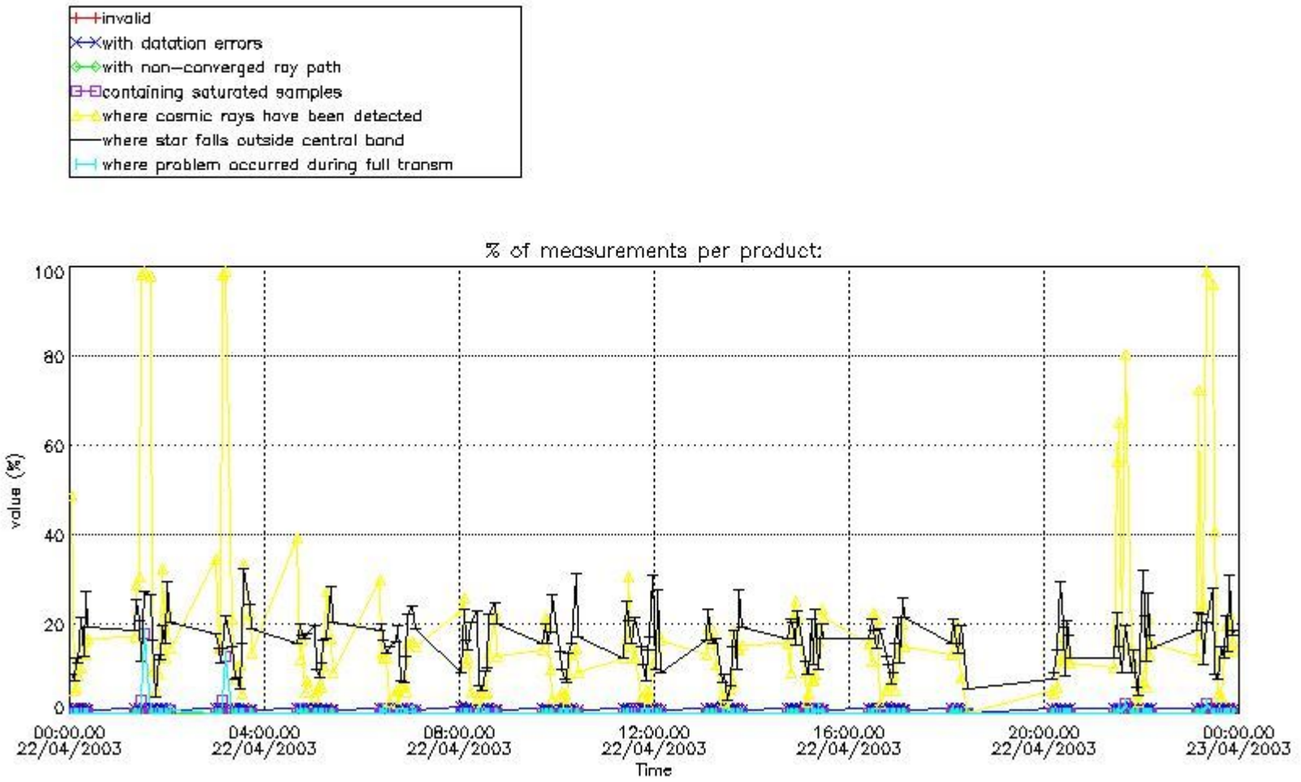


4. Level 1 quality information per product

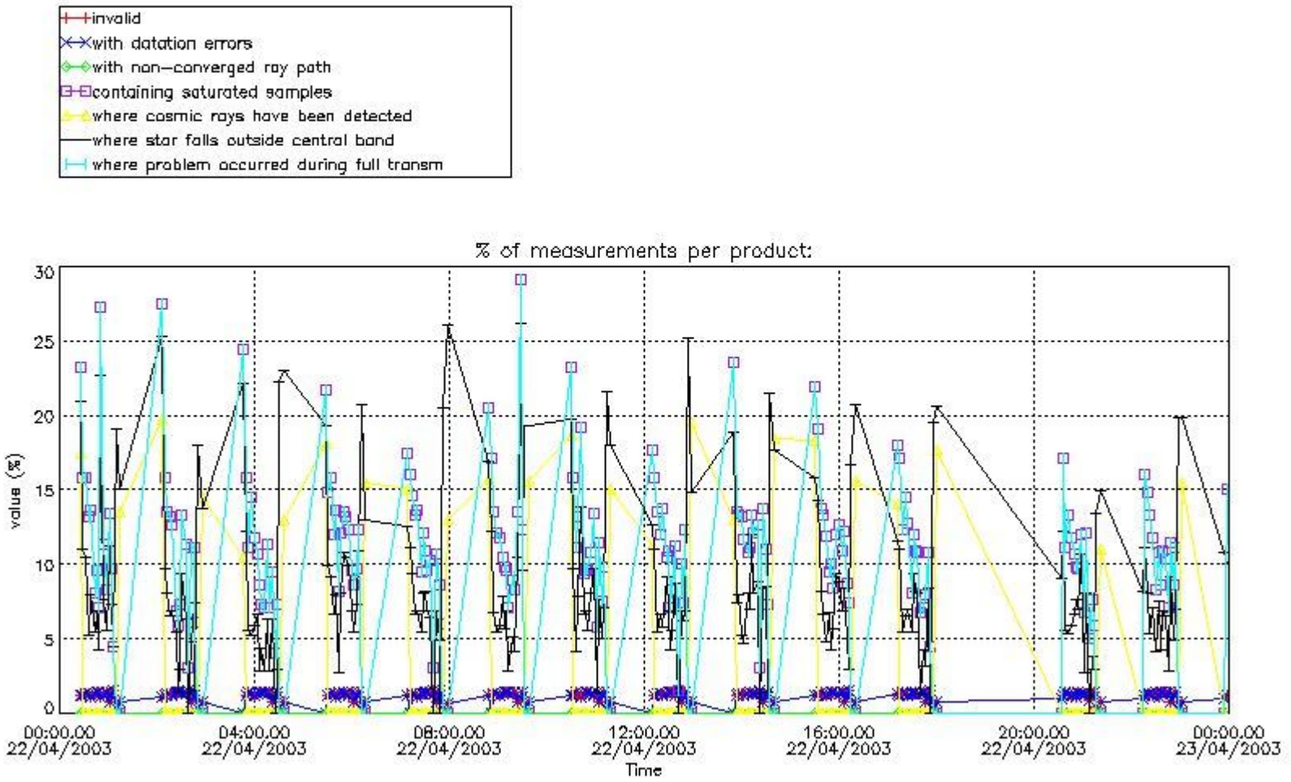
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processsing. Products without errors (error flag in the MPH set to "0") are used.

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

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

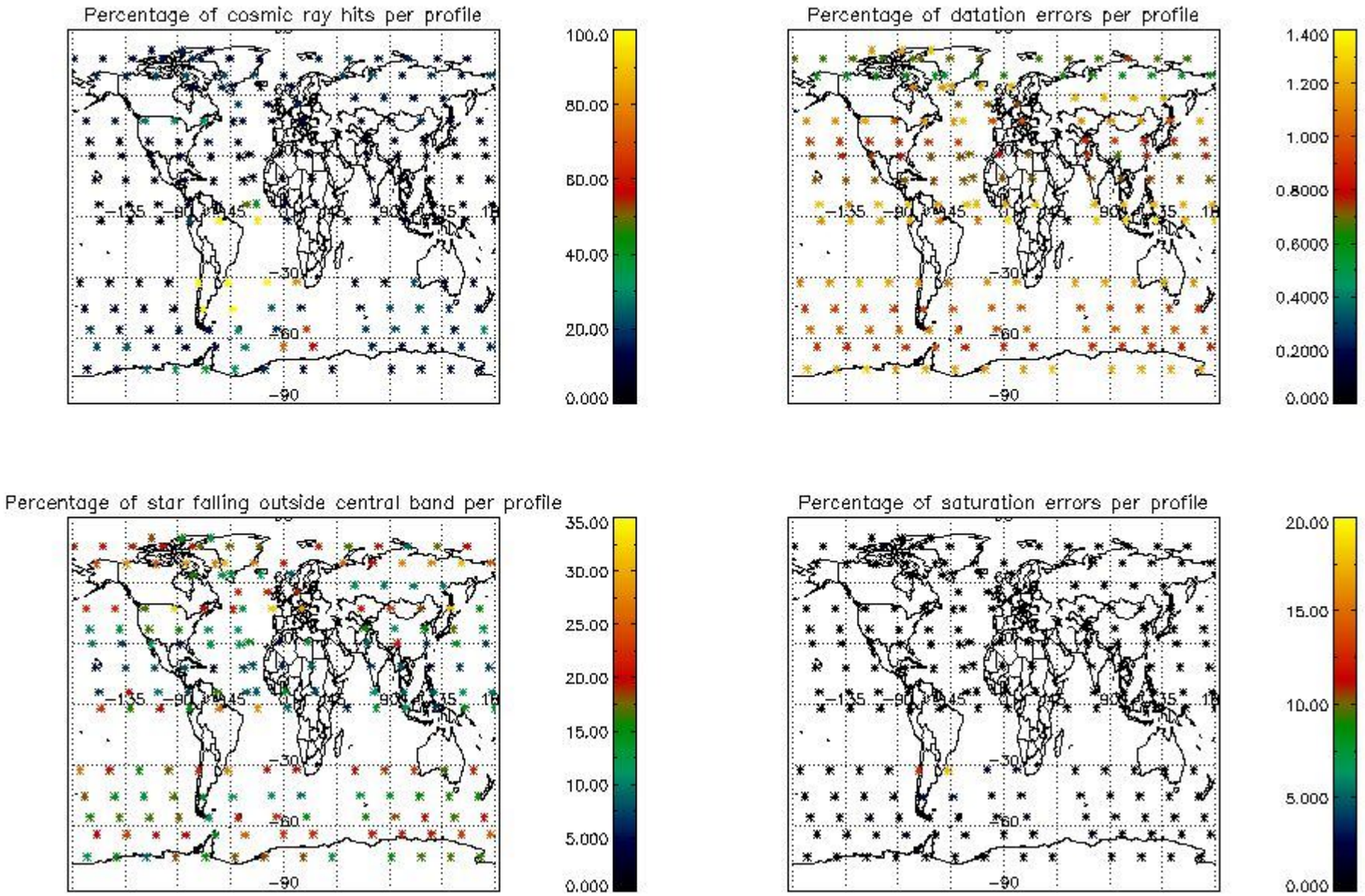


4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes

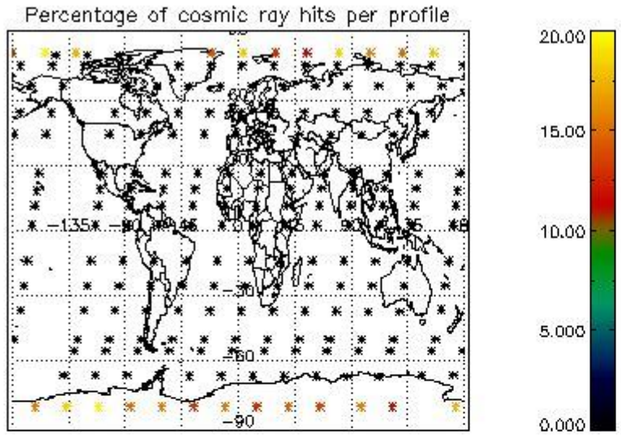


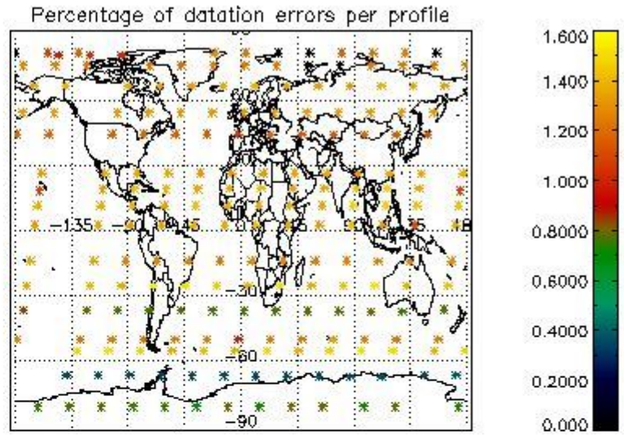
4.2 Plot quality information per product comming from level 1b processing (world map)

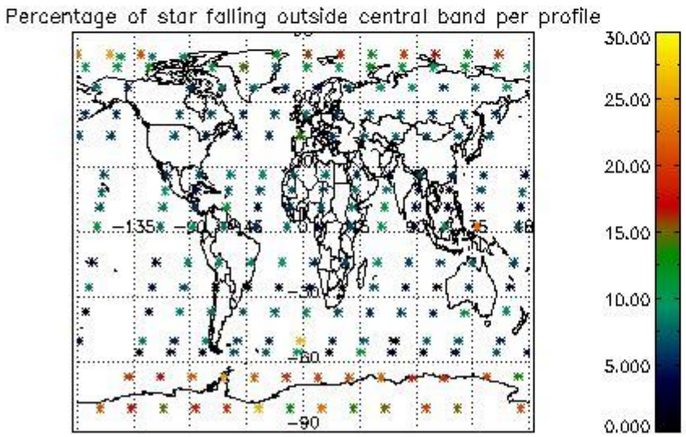
4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes

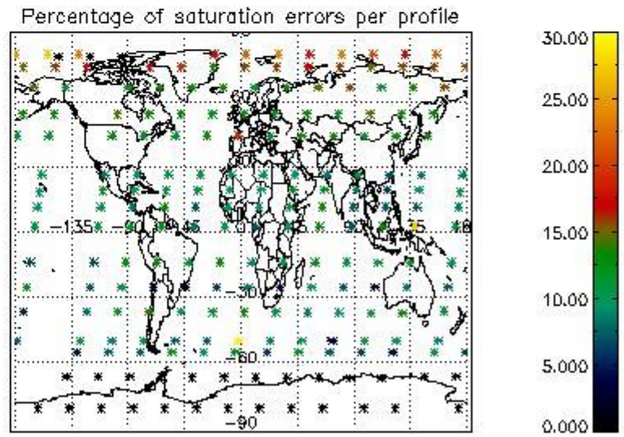


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes









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

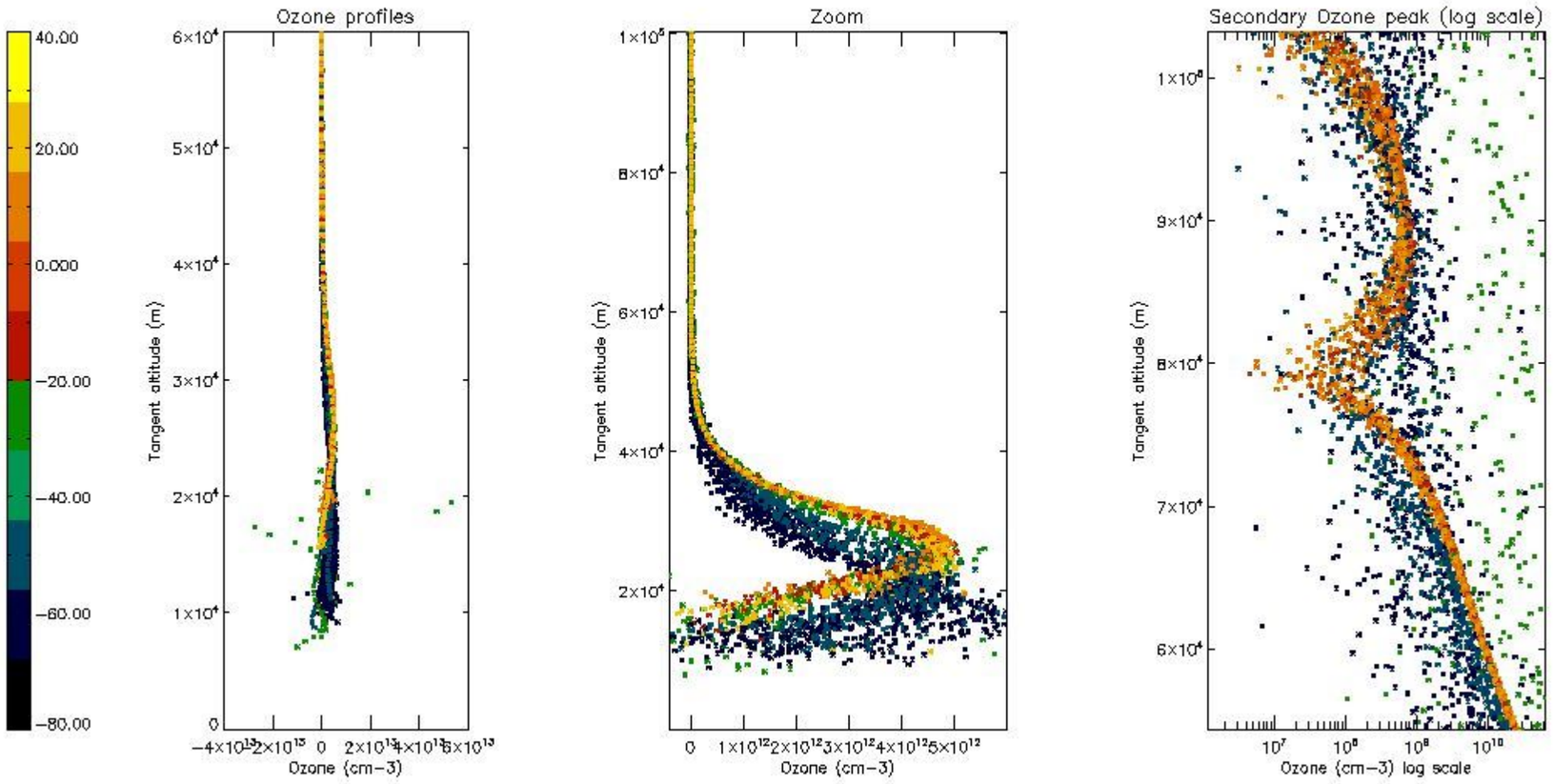
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	28
STD < 20	15

STD < 10	12
STD < 5	8

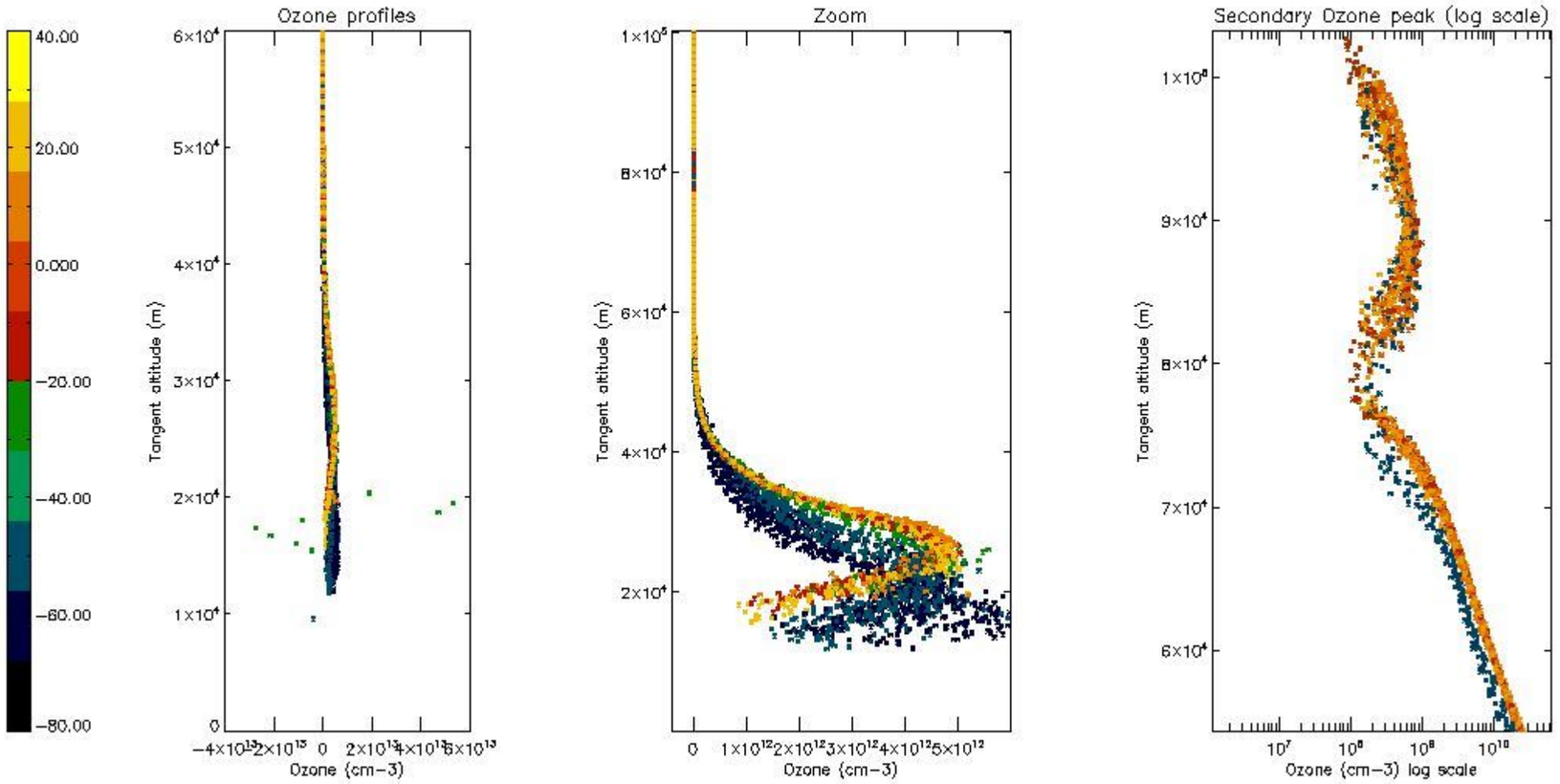
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



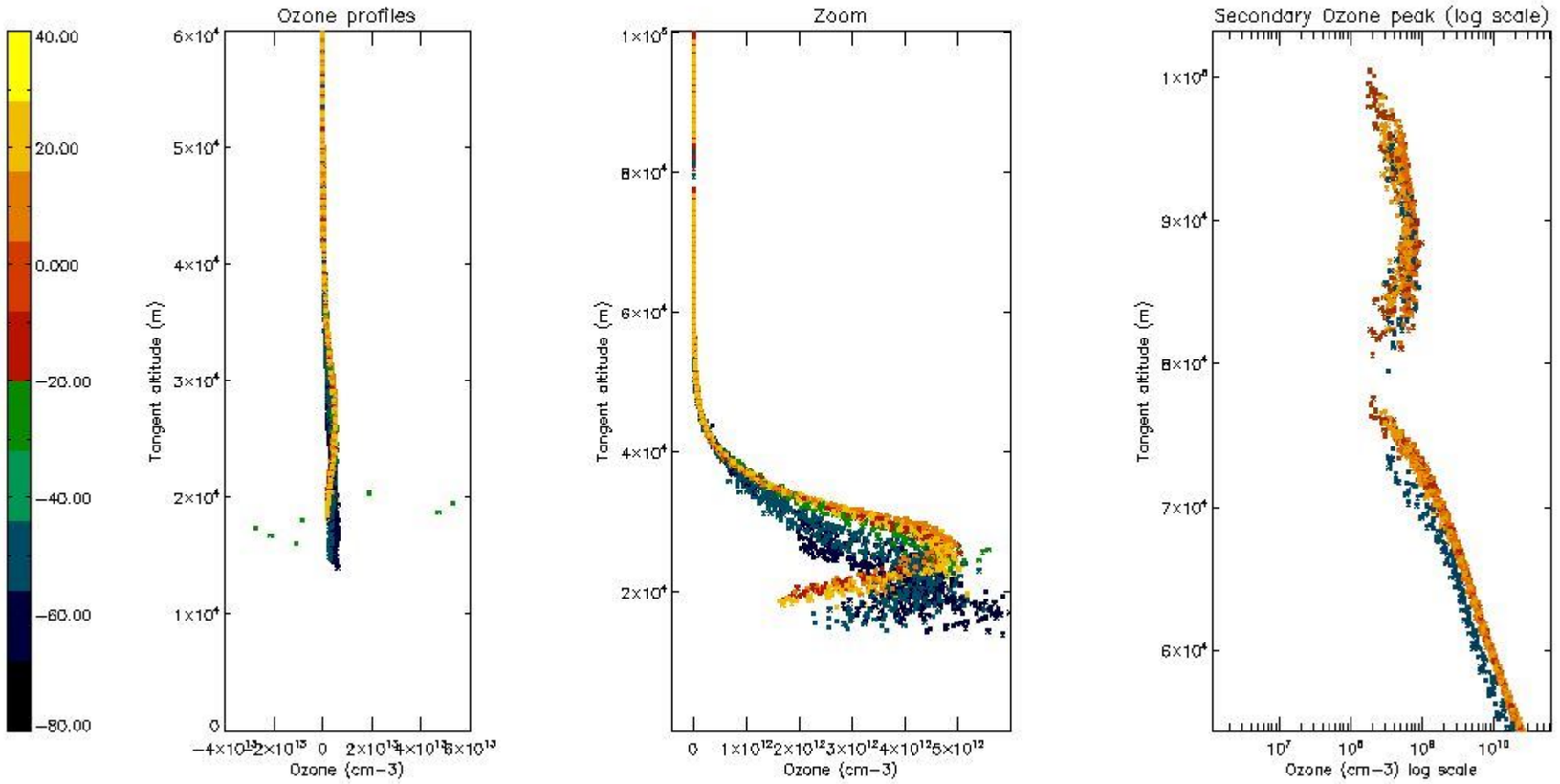
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



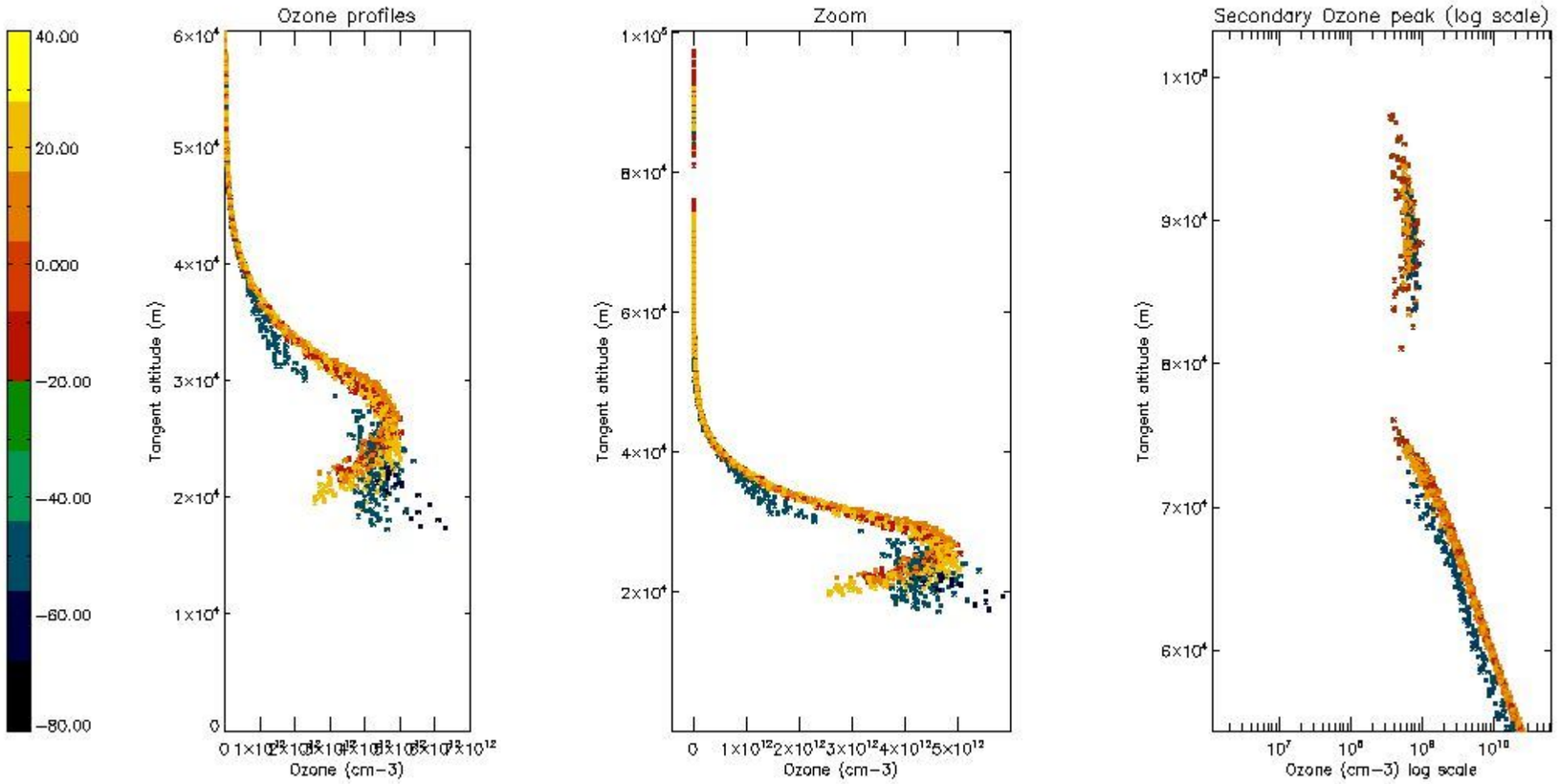
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



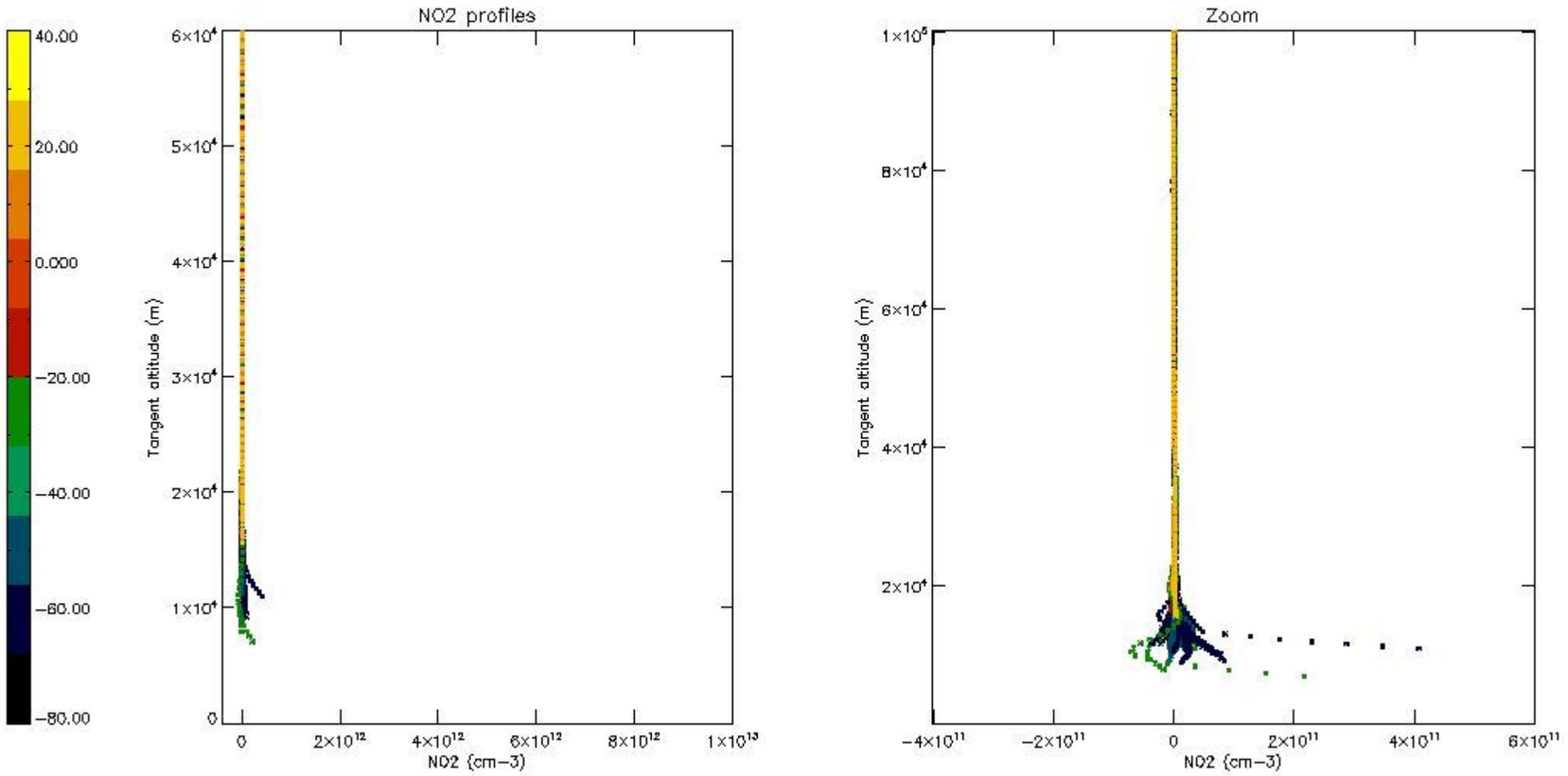
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



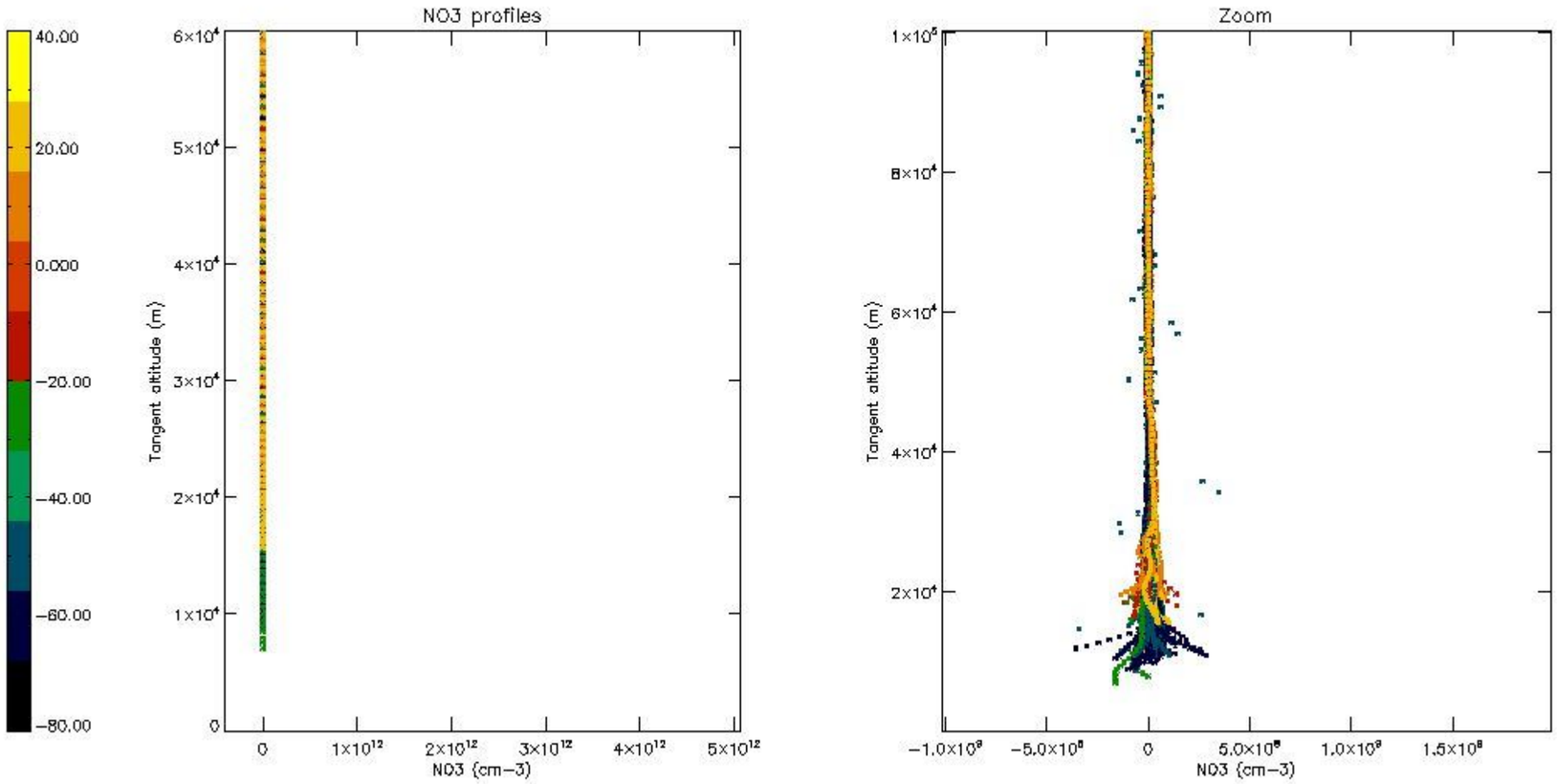
5.6 Plot NO2 profiles for all STD (dark without errors)

The colorbar represents the latitude.



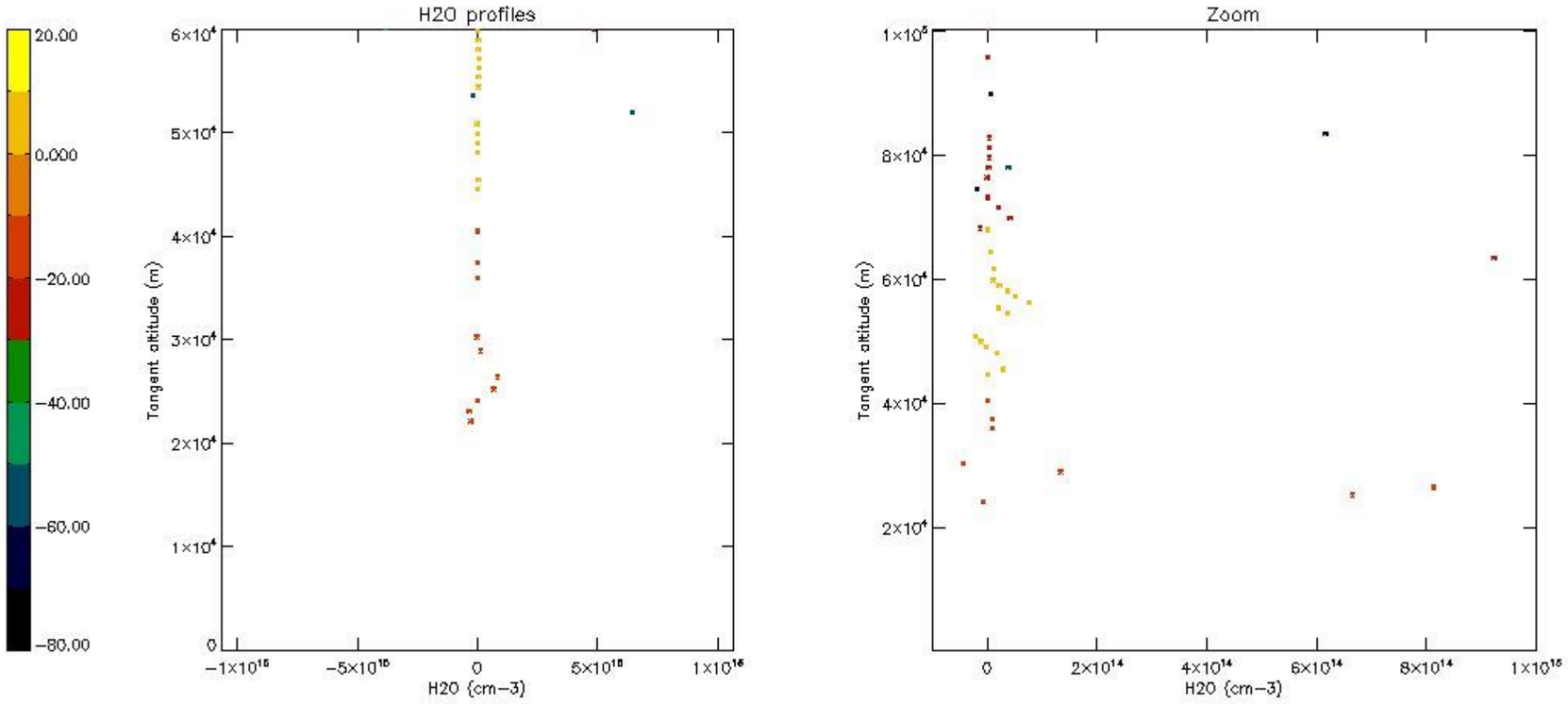
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXNIEC20050627_150440_20020301_000000_20100101_000000	1	22-APR-2003 00:01:56
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	22-APR-2003 00:01:56
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	22-APR-2003 00:01:56

GOMOS Level 2 Daily Report

SUMMARY

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1. General info

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

Item	Value
Time of report generation	19APR2013 13:45:26
Data source version	GOMOS/6.01
Start time of products	22-04-2003 (22APR2003 00:00:00)
Stop time of products	23-04-2003 (23APR2003 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	398
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__2PRFIN20030422_000156_000000402015_00403_05968_6314.N1	22-APR-2003 00:01:56	Dark	40.000	45	Alp Pav	1.9400	26000.	80	5968	No
2	GOM_NL__2PRFIN20030422_000515_000000702015_00403_05968_6315.N1	22-APR-2003 00:05:15	Dark	69.500	103	38Zet Sgr	2.6000	9700.0	139	5968	No
3	GOM_NL__2PRFIN20030422_000833_000000682015_00403_05968_6316.N1	22-APR-2003 00:08:33	Dark	68.000	38	20Eps Sgr	1.8360	11000.	136	5968	No
4	GOM_NL__2PRFIN20030422_001037_000000542015_00403_05968_6317.N1	22-APR-2003 00:10:37	Straylight	54.000	40	The Sco	1.8590	7100.0	108	5968	No
5	GOM_NL__2PRFIN20030422_001330_000000442015_00403_05968_6318.N1	22-APR-2003 00:13:30	Straylight	44.000	4	Alp1Cen	-0.010000	5800.0	88	5968	No
6	GOM_NL__2PRFIN20030422_001822_000000442015_00403_05968_6319.N1	22-APR-2003 00:18:22	Straylight	43.500	81	Eta Cen	2.3560	28000.	87	5968	No
7	GOM_NL__2PRFIN20030422_002000_000000892015_00403_05968_6320.N1	22-APR-2003 00:20:00	Twi_and_stray	88.500	16	21Alp Sco	1.0200	3000.0	177	5968	No
8	GOM_NL__2PRFIN20030422_002249_000000752015_00403_05968_6321.N1	22-APR-2003 00:22:49	Twi_and_stray	75.000	80	7Del Sco	2.3160	30000.	150	5968	No
9	GOM_NL__2PRFIN20030422_002532_000000432015_00403_05968_6322.N1	22-APR-2003 00:25:32	Bright	43.000	106	9Bet Crv	2.6480	5600.0	86	5968	No
10	GOM_NL__2PRFIN20030422_002836_000000412015_00403_05968_6323.N1	22-APR-2003 00:28:36	Bright	41.000	15	67Alp Vir	0.97600	28000.	82	5968	No
11	GOM_NL__2PRFIN20030422_003138_000000382015_00403_05968_6324.N1	22-APR-2003 00:31:38	Bright	38.000	121	29Gam Vir	2.7400	7200.0	76	5968	No
12	GOM_NL__2PRFIN20030422_003512_000000382015_00403_05968_6325.N1	22-APR-2003 00:35:12	Bright	38.000	138	47Eps Vir	2.8280	4700.0	76	5968	No
13	GOM_NL__2PRFIN20030422_003807_000000442015_00403_05968_6326.N1	22-APR-2003 00:38:07	Bright	44.000	111	8Eta Boo	2.6800	6000.0	88	5968	No
14	GOM_NL__2PRFIN20030422_004309_000000372015_00403_05968_6327.N1	22-APR-2003 00:43:09	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	5968	No
15	GOM_NL__2PRFIN20030422_004507_000000372015_00403_05968_6328.N1	22-APR-2003 00:45:07	Bright	36.500	174	52Psi UMa	3.0040	4400.0	73	5968	No
16	GOM_NL__2PRFIN20030422_004718_000000352015_00403_05968_6329.N1	22-APR-2003 00:47:18	Bright	35.000	87	64Gam UMa	2.4330	11000.	70	5968	No
17	GOM_NL__2PRFIN20030422_004948_000000442015_00403_05968_6330.N1	22-APR-2003 00:49:48	Bright	44.000	36	50Alp UMa	1.8000	6300.0	88	5968	No
18	GOM_NL__2PRFIN20030422_005428_000000402015_00403_05968_6331.N1	22-APR-2003 00:54:28	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	5968	No
19	GOM_NL__2PRFIN20030422_005742_000000362015_00403_05968_6332.N1	22-APR-2003 00:57:42	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	5968	No
20	GOM_NL__2PRFIN20030422_010100_000000672015_00403_05968_6333.N1	22-APR-2003 01:01:00	Bright	67.000	69	33Gam Dra	2.2310	3800.0	134	5968	No
21	GOM_NL__2PRFIN20030422_010441_000000412015_00403_05968_6334.N1	22-APR-2003 01:04:41	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	5968	No
22	GOM_NL__2PRFIN20030422_010613_000000342015_00403_05968_6335.N1	22-APR-2003 01:06:13	Bright	33.500	74	11Bet Cas	2.2680	6600.0	67	5968	No
23	GOM_NL__2PRFIN20030422_010940_000001392015_00403_05968_6336.N1	22-APR-2003 01:09:40	Bright	138.50	5	3Alp Lyr	0.033000	11000.	277	5968	No
24	GOM_NL__2PRFIN20030422_011440_000000632015_00403_05968_6337.N1	22-APR-2003 01:14:40	Twi_and_stray	63.000	92	53Eps Cyg	2.5000	4500.0	126	5968	No
25	GOM_NL__2PRFIN20030422_011915_000000442015_00403_05968_6338.N1	22-APR-2003 01:19:15	Twi_and_stray	43.500	90	54Alp Peg	2.4870	11000.	87	5968	No
26	GOM_NL__2PRFIN20030422_012240_000000592015_00403_05968_6339.N1	22-APR-2003 01:22:40	Dark	59.000	61	8Eps Peg	2.1000	3900.0	118	5968	No
27	GOM_NL__2PRFIN20030422_012508_000000512015_00403_05968_6340.N1	22-APR-2003 01:25:08	Dark	50.500	162	34Alp Aqr	2.9440	5350.0	101	5968	No
28	GOM_NL__2PRFIN20030422_012805_000000512015_00403_05968_6341.N1	22-APR-2003 01:28:05	Dark	51.000	154	22Bet Aqr	2.8990	5700.0	102	5968	No
29	GOM_NL__2PRFIN20030422_013146_000000482015_00403_05968_6342.N1	22-APR-2003 01:31:46	Dark	47.500	18	24Alp PsA	1.1660	9700.0	95	5968	No
30	GOM_NL__2PRFIN20030422_014022_000000472015_00403_05968_6343.N1	22-APR-2003 01:40:22	Dark	47.000	148	Alp Tuc	2.8780	4100.0	94	5968	No
31	GOM_NL__2PRFIN20030422_014233_000000432015_00404_05969_6314.N1	22-APR-2003 01:42:33	Dark	43.000	45	Alp Pav	1.9400	26000.	86	5969	No
32	GOM_NL__2PRFIN20030422_014553_000000682015_00404_05969_6315.N1	22-APR-2003 01:45:53	Dark	67.500	103	38Zet Sgr	2.6000	9700.0	135	5969	No
33	GOM_NL__2PRFIN20030422_014910_000000692015_00404_05969_6316.N1	22-APR-2003 01:49:10	Dark	69.000	38	20Eps Sgr	1.8360	11000.	138	5969	No
34	GOM_NL__2PRFIN20030422_015113_000000552015_00404_05969_6317.N1	22-APR-2003 01:51:13	Straylight	55.000	40	The Sco	1.8590	7100.0	110	5969	No
35	GOM_NL__2PRFIN20030422_015406_000000442015_00404_05969_6318.N1	22-APR-2003 01:54:06	Straylight	43.500	4	Alp1Cen	-0.010000	5800.0	87	5969	No
36	GOM_NL__2PRFIN20030422_015858_000000452015_00404_05969_6319.N1	22-APR-2003 01:58:58	Straylight	44.500	81	Eta Cen	2.3560	28000.	89	5969	No
37	GOM_NL__2PRFIN20030422_020037_000000912015_00404_05969_6320.N1	22-APR-2003 02:00:37	Twi_and_stray	90.500	16	21Alp Sco	1.0200	3000.0	181	5969	No
38	GOM_NL__2PRFIN20030422_020325_000000772015_00404_05969_6321.N1	22-APR-2003 02:03:25	Twi_and_stray	76.500	80	7Del Sco	2.3160	30000.	153	5969	No
39	GOM_NL__2PRFIN20030422_020608_000000462015_00404_05969_6322.N1	22-APR-2003 02:06:08	Bright	45.500	106	9Bet Crv	2.6480	5600.0	91	5969	No
40	GOM_NL__2PRFIN20030422_020912_000000412015_00404_05969_6323.N1	22-APR-2003 02:09:12	Bright	41.000	15	67Alp Vir	0.97600	28000.	82	5969	No
41	GOM_NL__2PRFIN20030422_021214_000000372015_00404_05969_6324.N1	22-APR-2003 02:12:14	Bright	37.000	121	29Gam Vir	2.7400	7200.0	74	5969	No
42	GOM_NL__2PRFIN20030422_021548_000000382015_00404_05969_6325.N1	22-APR-2003 02:15:48	Bright	38.000	138	47Eps Vir	2.8280	4700.0	76	5969	No

43	GOM_NL__2PRFIN20030422_021842_000000442015_00404_05969_6326.N1	22-APR-2003 02:18:42	Bright	43.500	111	8Eta Boo	2.6800	6000.0	87	5969	No
44	GOM_NL__2PRFIN20030422_022345_000000372015_00404_05969_6327.N1	22-APR-2003 02:23:45	Bright	36.500	152	12Alp2CVn	2.8900	11000.	73	5969	No
45	GOM_NL__2PRFIN20030422_022543_000000342015_00404_05969_6328.N1	22-APR-2003 02:25:43	Bright	34.000	174	52Psi UMa	3.0040	4400.0	68	5969	No
46	GOM_NL__2PRFIN20030422_022754_000000342015_00404_05969_6329.N1	22-APR-2003 02:27:54	Bright	34.000	87	64Gam UMa	2.4330	11000.	68	5969	No
47	GOM_NL__2PRFIN20030422_023024_000000382015_00404_05969_6330.N1	22-APR-2003 02:30:24	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	5969	No
48	GOM_NL__2PRFIN20030422_023504_000000402015_00404_05969_6331.N1	22-APR-2003 02:35:04	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	5969	No
49	GOM_NL__2PRFIN20030422_023818_000000332015_00404_05969_6332.N1	22-APR-2003 02:38:18	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	5969	No
50	GOM_NL__2PRFIN20030422_024136_000000632015_00404_05969_6333.N1	22-APR-2003 02:41:36	Bright	63.000	69	33Gam Dra	2.2310	3800.0	126	5969	No
51	GOM_NL__2PRFIN20030422_024517_000000412015_00404_05969_6334.N1	22-APR-2003 02:45:17	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	5969	No
52	GOM_NL__2PRFIN20030422_024649_000000332015_00404_05969_6335.N1	22-APR-2003 02:46:49	Bright	33.000	74	11Bet Cas	2.2680	6600.0	66	5969	No
53	GOM_NL__2PRFIN20030422_025015_000001362015_00404_05969_6336.N1	22-APR-2003 02:50:15	Bright	136.00	5	3Alp Lyr	0.033000	11000.	272	5969	No
54	GOM_NL__2PRFIN20030422_025516_000000622015_00404_05969_6337.N1	22-APR-2003 02:55:16	Twi_and_stray	62.000	92	53Eps Cyg	2.5000	4500.0	124	5969	No
55	GOM_NL__2PRFIN20030422_025951_000000422015_00404_05969_6338.N1	22-APR-2003 02:59:51	Twi_and_stray	42.000	90	54Alp Peg	2.4870	11000.	84	5969	No
56	GOM_NL__2PRFIN20030422_030316_000000522015_00404_05969_6339.N1	22-APR-2003 03:03:16	Dark	51.500	61	8Eps Peg	2.1000	3900.0	103	5969	No
57	GOM_NL__2PRFIN20030422_030544_000000452015_00404_05969_6340.N1	22-APR-2003 03:05:44	Dark	45.000	162	34Alp Aqr	2.9440	5350.0	90	5969	No
58	GOM_NL__2PRFIN20030422_030842_000000522015_00404_05969_6341.N1	22-APR-2003 03:08:42	Dark	52.000	154	22Bet Aqr	2.8990	5700.0	104	5969	No
59	GOM_NL__2PRFIN20030422_031222_000000442015_00404_05969_6342.N1	22-APR-2003 03:12:22	Dark	43.500	18	24Alp PsA	1.1660	9700.0	87	5969	No
60	GOM_NL__2PRFIN20030422_032058_000000412015_00404_05969_6343.N1	22-APR-2003 03:20:58	Dark	40.500	148	Alp Tuc	2.8780	4100.0	81	5969	No
61	GOM_NL__2PRFIN20030422_032309_000000402015_00405_05970_6314.N1	22-APR-2003 03:23:09	Dark	39.500	45	Alp Pav	1.9400	26000.	79	5970	No
62	GOM_NL__2PRFIN20030422_032631_000000702015_00405_05970_6315.N1	22-APR-2003 03:26:31	Dark	70.000	103	38Zet Sgr	2.6000	9700.0	140	5970	No
63	GOM_NL__2PRFIN20030422_032948_000000642015_00405_05970_6316.N1	22-APR-2003 03:29:48	Dark	64.000	38	20Eps Sgr	1.8360	11000.	128	5970	No
64	GOM_NL__2PRFIN20030422_033151_000000572015_00405_05970_6317.N1	22-APR-2003 03:31:51	Straylight	57.000	40	The Sco	1.8590	7100.0	114	5970	No
65	GOM_NL__2PRFIN20030422_033443_000000512015_00405_05970_6318.N1	22-APR-2003 03:34:43	Straylight	51.000	4	Alp1Cen	-0.010000	5800.0	102	5970	No
66	GOM_NL__2PRFIN20030422_034114_000000842015_00405_05970_6319.N1	22-APR-2003 03:41:14	Twi_and_stray	84.000	16	21Alp Sco	1.0200	3000.0	168	5970	No
67	GOM_NL__2PRFIN20030422_034402_000000742015_00405_05970_6320.N1	22-APR-2003 03:44:02	Twi_and_stray	74.000	80	7Del Sco	2.3160	30000.	148	5970	No
68	GOM_NL__2PRFIN20030422_034644_000000432015_00405_05970_6321.N1	22-APR-2003 03:46:44	Bright	43.000	106	9Bet Crv	2.6480	5600.0	86	5970	No
69	GOM_NL__2PRFIN20030422_034948_000000412015_00405_05970_6322.N1	22-APR-2003 03:49:48	Bright	41.000	15	67Alp Vir	0.97600	28000.	82	5970	No
70	GOM_NL__2PRFIN20030422_035251_000000362015_00405_05970_6323.N1	22-APR-2003 03:52:51	Bright	36.000	121	29Gam Vir	2.7400	7200.0	72	5970	No
71	GOM_NL__2PRFIN20030422_035624_000000382015_00405_05970_6324.N1	22-APR-2003 03:56:24	Bright	38.000	138	47Eps Vir	2.8280	4700.0	76	5970	No
72	GOM_NL__2PRFIN20030422_035918_000000432015_00405_05970_6325.N1	22-APR-2003 03:59:18	Bright	42.500	111	8Eta Boo	2.6800	6000.0	85	5970	No
73	GOM_NL__2PRFIN20030422_040421_000000382015_00405_05970_6326.N1	22-APR-2003 04:04:21	Bright	37.500	152	12Alp2CVn	2.8900	11000.	75	5970	No
74	GOM_NL__2PRFIN20030422_040619_000000352015_00405_05970_6327.N1	22-APR-2003 04:06:19	Bright	35.000	174	52Psi UMa	3.0040	4400.0	70	5970	No
75	GOM_NL__2PRFIN20030422_040830_000000342015_00405_05970_6328.N1	22-APR-2003 04:08:30	Bright	34.000	87	64Gam UMa	2.4330	11000.	68	5970	No
76	GOM_NL__2PRFIN20030422_041101_000000352015_00405_05970_6329.N1	22-APR-2003 04:11:01	Bright	35.000	36	50Alp UMa	1.8000	6300.0	70	5970	No
77	GOM_NL__2PRFIN20030422_041540_000000402015_00405_05970_6330.N1	22-APR-2003 04:15:40	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	5970	No
78	GOM_NL__2PRFIN20030422_041854_000000352015_00405_05970_6331.N1	22-APR-2003 04:18:54	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	5970	No
79	GOM_NL__2PRFIN20030422_042210_000000642015_00405_05970_6332.N1	22-APR-2003 04:22:10	Bright	63.500	69	33Gam Dra	2.2310	3800.0	127	5970	No
80	GOM_NL__2PRFIN20030422_042553_000000382015_00405_05970_6333.N1	22-APR-2003 04:25:53	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	5970	No
81	GOM_NL__2PRFIN20030422_042725_000000342015_00405_05970_6334.N1	22-APR-2003 04:27:25	Bright	34.000	74	11Bet Cas	2.2680	6600.0	68	5970	No
82	GOM_NL__2PRFIN20030422_043051_000001442015_00405_05970_6335.N1	22-APR-2003 04:30:51	Bright	143.50	5	3Alp Lyr	0.033000	11000.	287	5970	No
83	GOM_NL__2PRFIN20030422_043552_000000702015_00405_05970_6336.N1	22-APR-2003 04:35:52	Twi_and_stray	69.500	92	53Eps Cyg	2.5000	4500.0	139	5970	No
84	GOM_NL__2PRFIN20030422_044027_000000422015_00405_05970_6337.N1	22-APR-2003 04:40:27	Twi_and_stray	42.000	90	54Alp Peg	2.4870	11000.	84	5970	No
85	GOM_NL__2PRFIN20030422_044353_000000552015_00405_05970_6338.N1	22-APR-2003 04:43:53	Dark	55.000	61	8Eps Peg	2.1000	3900.0	110	5970	No
86	GOM_NL__2PRFIN20030422_044621_000000492015_00405_05970_6339.N1	22-APR-2003 04:46:21	Dark	48.500	162	34Alp Aqr	2.9440	5350.0	97	5970	No
87	GOM_NL__2PRFIN20030422_044919_000000542015_00405_05970_6340.N1	22-APR-2003 04:49:19	Dark	53.500	154	22Bet Aqr	2.8990	5700.0	107	5970	No
88	GOM_NL__2PRFIN20030422_045258_000000422015_00405_05970_6341.N1	22-APR-2003 04:52:58	Dark	42.000	18	24Alp PsA	1.1660	9700.0	84	5970	No
89	GOM_NL__2PRFIN20030422_050134_000000432015_00405_05970_6342.N1	22-APR-2003 05:01:34	Dark	43.000	148	Alp Tuc	2.8780	4100.0	86	5970	No
90	GOM_NL__2PRFIN20030422_050346_000000412015_00406_05971_6314.N1	22-APR-2003 05:03:46	Dark	40.500	45	Alp Pav	1.9400	26000.	81	5971	No
91	GOM_NL__2PRFIN20030422_050708_000000702015_00406_05971_6315.N1	22-APR-2003 05:07:08	Dark	70.000	103	38Zet Sgr	2.6000	9700.0	140	5971	No
92	GOM_NL__2PRFIN20030422_051026_000000682015_00406_05971_6316.N1	22-APR-2003 05:10:26	Dark	67.500	38	20Eps Sgr	1.8360	11000.	135	5971	No
93	GOM_NL__2PRFIN20030422_051227_000000582015_00406_05971_6317.N1	22-APR-2003 05:12:27	Straylight	57.500	40	The Sco	1.8590	7100.0	115	5971	No
94	GOM_NL__2PRFIN20030422_051519_000000422015_00406_05971_6318.N1	22-APR-2003 05:15:19	Straylight	42.000	4	Alp1Cen	-0.010000	5800.0	84	5971	No
95	GOM_NL__2PRFIN20030422_052150_000000902015_00406_05971_6319.N1	22-APR-2003 05:21:50	Twi_and_stray	89.500	16	21Alp Sco	1.0200	3000.0	179	5971	No
96	GOM_NL__2PRFIN20030422_052439_000000762015_00406_05971_6320.N1	22-APR-2003 05:24:39	Twi_and_stray	75.500	80	7Del Sco	2.3160	30000.	151	5971	No
97	GOM_NL__2PRFIN20030422_052720_000000422015_00406_05971_6321.N1	22-APR-2003 05:27:20	Bright	41.500	106	9Bet Crv	2.6480	5600.0	83	5971	No
98	GOM_NL__2PRFIN20030422_053024_000000412015_00406_05971_6322.N1	22-APR-2003 05:30:24	Bright	40.500	15	67Alp Vir	0.97600	28000.	81	5971	No
99	GOM_NL__2PRFIN20030422_053327_000000382015_00406_05971_6323.N1	22-APR-2003 05:33:27	Bright	38.000	121	29Gam Vir	2.7400	7200.0	76	5971	No
100	GOM_NL__2PRFIN20030422_053700_000000382015_00406_05971_6324.N1	22-APR-2003 05:37:00	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	5971	No
101	GOM_NL__2PRFIN20030422_053954_000000442015_00406_05971_6325.N1	22-APR-2003 05:39:54	Bright	44.000	111	8Eta Boo	2.6800	6000.0	88	5971	No

102	GOM_NL__2PRFIN20030422_054456_000000372015_00406_05971_6326.N1	22-APR-2003 05:44:56	Bright	36.500	152	12Alp2CVn	2.8900	11000.	73	5971	No
103	GOM_NL__2PRFIN20030422_054656_000000372015_00406_05971_6327.N1	22-APR-2003 05:46:56	Bright	37.000	174	52Psi UMa	3.0040	4400.0	74	5971	No
104	GOM_NL__2PRFIN20030422_054906_000000372015_00406_05971_6328.N1	22-APR-2003 05:49:06	Bright	37.000	87	64Gam UMa	2.4330	11000.	74	5971	No
105	GOM_NL__2PRFIN20030422_055137_000000382015_00406_05971_6329.N1	22-APR-2003 05:51:37	Bright	38.000	36	50Alp UMa	1.8000	6300.0	76	5971	No
106	GOM_NL__2PRFIN20030422_055615_000000412015_00406_05971_6330.N1	22-APR-2003 05:56:15	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	5971	No
107	GOM_NL__2PRFIN20030422_055930_000000372015_00406_05971_6331.N1	22-APR-2003 05:59:30	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	5971	No
108	GOM_NL__2PRFIN20030422_060245_000000642015_00406_05971_6332.N1	22-APR-2003 06:02:45	Bright	64.000	69	33Gam Dra	2.2310	3800.0	128	5971	No
109	GOM_NL__2PRFIN20030422_060628_000000412015_00406_05971_6333.N1	22-APR-2003 06:06:28	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	5971	No
110	GOM_NL__2PRFIN20030422_060801_000000372015_00406_05971_6334.N1	22-APR-2003 06:08:01	Bright	36.500	74	11Bet Cas	2.2680	6600.0	73	5971	No
111	GOM_NL__2PRFIN20030422_061126_000001422015_00406_05971_6335.N1	22-APR-2003 06:11:26	Bright	142.00	5	3Alp Lyr	0.033000	11000.	284	5971	No
112	GOM_NL__2PRFIN20030422_061628_000000622015_00406_05971_6336.N1	22-APR-2003 06:16:28	Twi_and_stray	61.500	92	53Eps Cyg	2.5000	4500.0	123	5971	No
113	GOM_NL__2PRFIN20030422_062103_000000442015_00406_05971_6337.N1	22-APR-2003 06:21:03	Twi_and_stray	43.500	90	54Alp Peg	2.4870	11000.	87	5971	No
114	GOM_NL__2PRFIN20030422_062429_000000562015_00406_05971_6338.N1	22-APR-2003 06:24:29	Dark	55.500	61	8Eps Peg	2.1000	3900.0	111	5971	No
115	GOM_NL__2PRFIN20030422_062657_000000492015_00406_05971_6339.N1	22-APR-2003 06:26:57	Dark	48.500	162	34Alp Aqr	2.9440	5350.0	97	5971	No
116	GOM_NL__2PRFIN20030422_062956_000000522015_00406_05971_6340.N1	22-APR-2003 06:29:56	Dark	52.000	154	22Bet Aqr	2.8990	5700.0	104	5971	No
117	GOM_NL__2PRFIN20030422_063334_000000412015_00406_05971_6341.N1	22-APR-2003 06:33:34	Dark	40.500	18	24Alp PsA	1.1660	9700.0	81	5971	No
118	GOM_NL__2PRFIN20030422_064210_000000412015_00406_05971_6342.N1	22-APR-2003 06:42:10	Dark	40.500	148	Alp Tuc	2.8780	4100.0	81	5971	No
119	GOM_NL__2PRFIN20030422_064422_000000462015_00407_05972_6497.N1	22-APR-2003 06:44:22	Dark	45.500	45	Alp Pav	1.9400	26000.	91	5972	No
120	GOM_NL__2PRFIN20030422_064746_000000702015_00407_05972_6498.N1	22-APR-2003 06:47:46	Dark	69.500	103	38Zet Sgr	2.6000	9700.0	139	5972	No
121	GOM_NL__2PRFIN20030422_065103_000000662015_00407_05972_6499.N1	22-APR-2003 06:51:03	Dark	65.500	38	20Eps Sgr	1.8360	11000.	131	5972	No
122	GOM_NL__2PRFIN20030422_065304_000000552015_00407_05972_6500.N1	22-APR-2003 06:53:04	Straylight	55.000	40	The Sco	1.8590	7100.0	110	5972	No
123	GOM_NL__2PRFIN20030422_065555_000000452015_00407_05972_6501.N1	22-APR-2003 06:55:55	Straylight	45.000	4	Alp1Cen	-0.010000	5800.0	90	5972	No
124	GOM_NL__2PRFIN20030422_070227_000000842015_00407_05972_6502.N1	22-APR-2003 07:02:27	Twi_and_stray	83.500	16	21Alp Sco	1.0200	3000.0	167	5972	No
125	GOM_NL__2PRFIN20030422_070515_000000742015_00407_05972_6503.N1	22-APR-2003 07:05:15	Twi_and_stray	74.000	80	7Del Sco	2.3160	30000.	148	5972	No
126	GOM_NL__2PRFIN20030422_070756_000000402015_00407_05972_6504.N1	22-APR-2003 07:07:56	Bright	40.000	106	9Bet Crv	2.6480	5600.0	80	5972	No
127	GOM_NL__2PRFIN20030422_071101_000000412015_00407_05972_6505.N1	22-APR-2003 07:11:01	Bright	40.500	15	67Alp Vir	0.97600	28000.	81	5972	No
128	GOM_NL__2PRFIN20030422_071403_000000382015_00407_05972_6506.N1	22-APR-2003 07:14:03	Bright	37.500	121	29Gam Vir	2.7400	7200.0	75	5972	No
129	GOM_NL__2PRFIN20030422_071736_000000382015_00407_05972_6507.N1	22-APR-2003 07:17:36	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	5972	No
130	GOM_NL__2PRFIN20030422_072029_000000442015_00407_05972_6508.N1	22-APR-2003 07:20:29	Bright	44.000	111	8Eta Boo	2.6800	6000.0	88	5972	No
131	GOM_NL__2PRFIN20030422_072532_000000372015_00407_05972_6509.N1	22-APR-2003 07:25:32	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	5972	No
132	GOM_NL__2PRFIN20030422_072732_000000372015_00407_05972_6510.N1	22-APR-2003 07:27:32	Bright	37.000	174	52Psi UMa	3.0040	4400.0	74	5972	No
133	GOM_NL__2PRFIN20030422_072942_000000372015_00407_05972_6511.N1	22-APR-2003 07:29:42	Bright	36.500	87	64Gam UMa	2.4330	11000.	73	5972	No
134	GOM_NL__2PRFIN20030422_073213_000000372015_00407_05972_6512.N1	22-APR-2003 07:32:13	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	5972	No
135	GOM_NL__2PRFIN20030422_073651_000000392015_00407_05972_6513.N1	22-APR-2003 07:36:51	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	5972	No
136	GOM_NL__2PRFIN20030422_074005_000000332015_00407_05972_6514.N1	22-APR-2003 07:40:05	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	5972	No
137	GOM_NL__2PRFIN20030422_074320_000000662015_00407_05972_6515.N1	22-APR-2003 07:43:20	Bright	65.500	69	33Gam Dra	2.2310	3800.0	131	5972	No
138	GOM_NL__2PRFIN20030422_074704_000000412015_00407_05972_6516.N1	22-APR-2003 07:47:04	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	5972	No
139	GOM_NL__2PRFIN20030422_074837_000000342015_00407_05972_6517.N1	22-APR-2003 07:48:37	Bright	33.500	74	11Bet Cas	2.2680	6600.0	67	5972	No
140	GOM_NL__2PRFIN20030422_075200_000001422015_00407_05972_6518.N1	22-APR-2003 07:52:00	Bright	141.50	5	3Alp Lyr	0.033000	11000.	283	5972	No
141	GOM_NL__2PRFIN20030422_075704_000000732015_00407_05972_6519.N1	22-APR-2003 07:57:04	Twi_and_stray	73.000	92	53Eps Cyg	2.5000	4500.0	146	5972	No
142	GOM_NL__2PRFIN20030422_080140_000000392015_00407_05972_6520.N1	22-APR-2003 08:01:40	Twi_and_stray	39.000	90	54Alp Peg	2.4870	11000.	78	5972	No
143	GOM_NL__2PRFIN20030422_080506_000000582015_00407_05972_6521.N1	22-APR-2003 08:05:06	Dark	58.000	61	8Eps Peg	2.1000	3900.0	116	5972	No
144	GOM_NL__2PRFIN20030422_080733_000000492015_00407_05972_6522.N1	22-APR-2003 08:07:33	Dark	48.500	162	34Alp Aqr	2.9440	5350.0	97	5972	No
145	GOM_NL__2PRFIN20030422_081032_000000532015_00407_05972_6523.N1	22-APR-2003 08:10:32	Dark	53.000	154	22Bet Aqr	2.8990	5700.0	106	5972	No
146	GOM_NL__2PRFIN20030422_081411_000000442015_00407_05972_6524.N1	22-APR-2003 08:14:11	Dark	44.000	18	24Alp PsA	1.1660	9700.0	88	5972	No
147	GOM_NL__2PRFIN20030422_082247_000000442015_00407_05972_6525.N1	22-APR-2003 08:22:47	Dark	44.000	148	Alp Tuc	2.8780	4100.0	88	5972	No
148	GOM_NL__2PRFIN20030422_082459_000000402015_00408_05973_6334.N1	22-APR-2003 08:24:59	Dark	39.500	45	Alp Pav	1.9400	26000.	79	5973	No
149	GOM_NL__2PRFIN20030422_082823_000000692015_00408_05973_6335.N1	22-APR-2003 08:28:23	Dark	68.500	103	38Zet Sgr	2.6000	9700.0	137	5973	No
150	GOM_NL__2PRFIN20030422_083140_000000682015_00408_05973_6336.N1	22-APR-2003 08:31:40	Dark	67.500	38	20Eps Sgr	1.8360	11000.	135	5973	No
151	GOM_NL__2PRFIN20030422_083341_000000542015_00408_05973_6337.N1	22-APR-2003 08:33:41	Straylight	54.000	40	The Sco	1.8590	7100.0	108	5973	No
152	GOM_NL__2PRFIN20030422_083632_000000452015_00408_05973_6338.N1	22-APR-2003 08:36:32	Straylight	45.000	4	Alp1Cen	-0.010000	5800.0	90	5973	No
153	GOM_NL__2PRFIN20030422_084304_000000852015_00408_05973_6339.N1	22-APR-2003 08:43:04	Twi_and_stray	85.000	16	21Alp Sco	1.0200	3000.0	170	5973	No
154	GOM_NL__2PRFIN20030422_084551_000000762015_00408_05973_6340.N1	22-APR-2003 08:45:51	Twi_and_stray	75.500	80	7Del Sco	2.3160	30000.	151	5973	No
155	GOM_NL__2PRFIN20030422_084832_000000422015_00408_05973_6341.N1	22-APR-2003 08:48:32	Bright	41.500	106	9Bet Crv	2.6480	5600.0	83	5973	No
156	GOM_NL__2PRFIN20030422_085137_000000412015_00408_05973_6342.N1	22-APR-2003 08:51:37	Bright	41.000	15	67Alp Vir	0.97600	28000.	82	5973	No
157	GOM_NL__2PRFIN20030422_085439_000000372015_00408_05973_6343.N1	22-APR-2003 08:54:39	Bright	37.000	121	29Gam Vir	2.7400	7200.0	74	5973	No
158	GOM_NL__2PRFIN20030422_085812_000000372015_00408_05973_6344.N1	22-APR-2003 08:58:12	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	5973	No
159	GOM_NL__2PRFIN20030422_090105_000000432015_00408_05973_6345.N1	22-APR-2003 09:01:05	Bright	42.500	111	8Eta Boo	2.6800	6000.0	85	5973	No
160	GOM_NL__2PRFIN20030422_090608_000000382015_00408_05973_6346.N1	22-APR-2003 09:06:08	Bright	38.000	152	12Alp2CVn	2.8900	11000.	76	5973	No

161	GOM_NL__2PRFIN20030422_090808_000000362015_00408_05973_6347.N1	22-APR-2003 09:08:08	Bright	35.500	174	52Psi UMa	3.0040	4400.0	71	5973	No
162	GOM_NL__2PRFIN20030422_091018_000000372015_00408_05973_6348.N1	22-APR-2003 09:10:18	Bright	36.500	87	64Gam UMa	2.4330	11000.	73	5973	No
163	GOM_NL__2PRFIN20030422_091249_000000352015_00408_05973_6349.N1	22-APR-2003 09:12:49	Bright	35.000	36	50Alp UMa	1.8000	6300.0	70	5973	No
164	GOM_NL__2PRFIN20030422_091727_000000392015_00408_05973_6350.N1	22-APR-2003 09:17:27	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	5973	No
165	GOM_NL__2PRFIN20030422_092041_000000362015_00408_05973_6351.N1	22-APR-2003 09:20:41	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	5973	No
166	GOM_NL__2PRFIN20030422_092355_000000672015_00408_05973_6352.N1	22-APR-2003 09:23:55	Bright	66.500	69	33Gam Dra	2.2310	3800.0	133	5973	No
167	GOM_NL__2PRFIN20030422_092740_000000522015_00408_05973_6353.N1	22-APR-2003 09:27:40	Bright	51.500	89	5Alp Cep	2.4510	8000.0	103	5973	No
168	GOM_NL__2PRFIN20030422_092913_000000372015_00408_05973_6354.N1	22-APR-2003 09:29:13	Bright	36.500	74	11Bet Cas	2.2680	6600.0	73	5973	No
169	GOM_NL__2PRFIN20030422_093235_000001402015_00408_05973_6355.N1	22-APR-2003 09:32:35	Bright	140.00	5	3Alp Lyr	0.033000	11000.	280	5973	No
170	GOM_NL__2PRFIN20030422_093740_000000682015_00408_05973_6356.N1	22-APR-2003 09:37:40	Twi_and_stray	67.500	92	53Eps Cyg	2.5000	4500.0	135	5973	No
171	GOM_NL__2PRFIN20030422_094216_000000422015_00408_05973_6357.N1	22-APR-2003 09:42:16	Twi_and_stray	42.000	90	54Alp Peg	2.4870	11000.	84	5973	No
172	GOM_NL__2PRFIN20030422_094542_000000562015_00408_05973_6358.N1	22-APR-2003 09:45:42	Dark	55.500	61	8Eps Peg	2.1000	3900.0	111	5973	No
173	GOM_NL__2PRFIN20030422_094810_000000482015_00408_05973_6359.N1	22-APR-2003 09:48:10	Dark	47.500	162	34Alp Aqr	2.9440	5350.0	95	5973	No
174	GOM_NL__2PRFIN20030422_095109_000000562015_00408_05973_6360.N1	22-APR-2003 09:51:09	Dark	55.500	154	22Bet Aqr	2.8990	5700.0	111	5973	No
175	GOM_NL__2PRFIN20030422_095447_000000472015_00408_05973_6361.N1	22-APR-2003 09:54:47	Dark	47.000	18	24Alp PsA	1.1660	9700.0	94	5973	No
176	GOM_NL__2PRFIN20030422_100323_000000402015_00408_05973_6362.N1	22-APR-2003 10:03:23	Dark	40.000	148	Alp Tuc	2.8780	4100.0	80	5973	No
177	GOM_NL__2PRFIN20030422_100535_000000412015_00409_05974_6334.N1	22-APR-2003 10:05:35	Dark	41.000	45	Alp Pav	1.9400	26000.	82	5974	No
178	GOM_NL__2PRFIN20030422_100901_000000712015_00409_05974_6335.N1	22-APR-2003 10:09:01	Dark	71.000	103	38Zet Sgr	2.6000	9700.0	142	5974	No
179	GOM_NL__2PRFIN20030422_101217_000000662015_00409_05974_6336.N1	22-APR-2003 10:12:17	Dark	65.500	38	20Eps Sgr	1.8360	11000.	131	5974	No
180	GOM_NL__2PRFIN20030422_101418_000000572015_00409_05974_6337.N1	22-APR-2003 10:14:18	Straylight	56.500	40	The Sco	1.8590	7100.0	113	5974	No
181	GOM_NL__2PRFIN20030422_101708_000000422015_00409_05974_6338.N1	22-APR-2003 10:17:08	Straylight	42.000	4	Alp1Cen	-0.010000	5800.0	84	5974	No
182	GOM_NL__2PRFIN20030422_102340_000000932015_00409_05974_6339.N1	22-APR-2003 10:23:40	Twi_and_stray	93.000	16	21Alp Sco	1.0200	3000.0	186	5974	No
183	GOM_NL__2PRFIN20030422_102627_000000732015_00409_05974_6340.N1	22-APR-2003 10:26:27	Twi_and_stray	72.500	80	7Del Sco	2.3160	30000.	145	5974	No
184	GOM_NL__2PRFIN20030422_102908_000000432015_00409_05974_6341.N1	22-APR-2003 10:29:08	Bright	43.000	106	9Bet Crv	2.6480	5600.0	86	5974	No
185	GOM_NL__2PRFIN20030422_103212_000000412015_00409_05974_6342.N1	22-APR-2003 10:32:12	Bright	41.000	15	67Alp Vir	0.97600	28000.	82	5974	No
186	GOM_NL__2PRFIN20030422_103515_000000362015_00409_05974_6343.N1	22-APR-2003 10:35:15	Bright	36.000	121	29Gam Vir	2.7400	7200.0	72	5974	No
187	GOM_NL__2PRFIN20030422_103848_000000382015_00409_05974_6344.N1	22-APR-2003 10:38:48	Bright	38.000	138	47Eps Vir	2.8280	4700.0	76	5974	No
188	GOM_NL__2PRFIN20030422_104140_000000472015_00409_05974_6345.N1	22-APR-2003 10:41:40	Bright	47.000	111	8Eta Boo	2.6800	6000.0	94	5974	No
189	GOM_NL__2PRFIN20030422_104644_000000382015_00409_05974_6346.N1	22-APR-2003 10:46:44	Bright	37.500	152	12Alp2CVn	2.8900	11000.	75	5974	No
190	GOM_NL__2PRFIN20030422_104844_000000372015_00409_05974_6347.N1	22-APR-2003 10:48:44	Bright	36.500	174	52Psi UMa	3.0040	4400.0	73	5974	No
191	GOM_NL__2PRFIN20030422_105054_000000362015_00409_05974_6348.N1	22-APR-2003 10:50:54	Bright	36.000	87	64Gam UMa	2.4330	11000.	72	5974	No
192	GOM_NL__2PRFIN20030422_105325_000000372015_00409_05974_6349.N1	22-APR-2003 10:53:25	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	5974	No
193	GOM_NL__2PRFIN20030422_105802_000000412015_00409_05974_6350.N1	22-APR-2003 10:58:02	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	5974	No
194	GOM_NL__2PRFIN20030422_110117_000000352015_00409_05974_6351.N1	22-APR-2003 11:01:17	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	5974	No
195	GOM_NL__2PRFIN20030422_110429_000000662015_00409_05974_6352.N1	22-APR-2003 11:04:29	Bright	65.500	69	33Gam Dra	2.2310	3800.0	131	5974	No
196	GOM_NL__2PRFIN20030422_110815_000000402015_00409_05974_6353.N1	22-APR-2003 11:08:15	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	5974	No
197	GOM_NL__2PRFIN20030422_110949_000000362015_00409_05974_6354.N1	22-APR-2003 11:09:49	Bright	35.500	74	11Bet Cas	2.2680	6600.0	71	5974	No
198	GOM_NL__2PRFIN20030422_111310_000001442015_00409_05974_6355.N1	22-APR-2003 11:13:10	Bright	143.50	5	3Alp Lyr	0.033000	11000.	287	5974	No
199	GOM_NL__2PRFIN20030422_111815_000000672015_00409_05974_6356.N1	22-APR-2003 11:18:15	Twi_and_stray	66.500	92	53Eps Cyg	2.5000	4500.0	133	5974	No
200	GOM_NL__2PRFIN20030422_112251_000000412015_00409_05974_6357.N1	22-APR-2003 11:22:51	Twi_and_stray	41.000	90	54Alp Peg	2.4870	11000.	82	5974	No
201	GOM_NL__2PRFIN20030422_112618_000000602015_00409_05974_6358.N1	22-APR-2003 11:26:18	Dark	59.500	61	8Eps Peg	2.1000	3900.0	119	5974	No
202	GOM_NL__2PRFIN20030422_112846_000000512015_00409_05974_6359.N1	22-APR-2003 11:28:46	Dark	51.000	162	34Alp Aqr	2.9440	5350.0	102	5974	No
203	GOM_NL__2PRFIN20030422_113145_000000542015_00409_05974_6360.N1	22-APR-2003 11:31:45	Dark	54.000	154	22Bet Aqr	2.8990	5700.0	108	5974	No
204	GOM_NL__2PRFIN20030422_113523_000000452015_00409_05974_6361.N1	22-APR-2003 11:35:23	Dark	44.500	18	24Alp PsA	1.1660	9700.0	89	5974	No
205	GOM_NL__2PRFIN20030422_114359_000000412015_00409_05974_6362.N1	22-APR-2003 11:43:59	Dark	40.500	148	Alp Tuc	2.8780	4100.0	81	5974	No
206	GOM_NL__2PRFIN20030422_114612_000000422015_00410_05975_6518.N1	22-APR-2003 11:46:12	Dark	41.500	45	Alp Pav	1.9400	26000.	83	5975	No
207	GOM_NL__2PRFIN20030422_114939_000000702015_00410_05975_6519.N1	22-APR-2003 11:49:39	Dark	70.000	103	38Zet Sgr	2.6000	9700.0	140	5975	No
208	GOM_NL__2PRFIN20030422_115255_000000712015_00410_05975_6520.N1	22-APR-2003 11:52:55	Dark	70.500	38	20Eps Sgr	1.8360	11000.	141	5975	No
209	GOM_NL__2PRFIN20030422_115455_000000582015_00410_05975_6521.N1	22-APR-2003 11:54:55	Straylight	58.000	40	The Sco	1.8590	7100.0	116	5975	No
210	GOM_NL__2PRFIN20030422_115744_000000502015_00410_05975_6522.N1	22-APR-2003 11:57:44	Straylight	50.000	4	Alp1Cen	-0.010000	5800.0	100	5975	No
211	GOM_NL__2PRFIN20030422_120101_000000422015_00410_05975_6523.N1	22-APR-2003 12:01:01	Straylight	41.500	78	Alp Lup	2.3040	28000.	83	5975	No
212	GOM_NL__2PRFIN20030422_120417_000000892015_00410_05975_6524.N1	22-APR-2003 12:04:17	Twi_and_stray	88.500	16	21Alp Sco	1.0200	3000.0	177	5975	No
213	GOM_NL__2PRFIN20030422_120703_000000672015_00410_05975_6525.N1	22-APR-2003 12:07:03	Twi_and_stray	67.000	80	7Del Sco	2.3160	30000.	134	5975	No
214	GOM_NL__2PRFIN20030422_120944_000000402015_00410_05975_6526.N1	22-APR-2003 12:09:44	Bright	39.500	106	9Bet Crv	2.6480	5600.0	79	5975	No
215	GOM_NL__2PRFIN20030422_121248_000000412015_00410_05975_6527.N1	22-APR-2003 12:12:48	Bright	41.000	15	67Alp Vir	0.97600	28000.	82	5975	No
216	GOM_NL__2PRFIN20030422_121550_000000372015_00410_05975_6528.N1	22-APR-2003 12:15:50	Bright	37.000	121	29Gam Vir	2.7400	7200.0	74	5975	No
217	GOM_NL__2PRFIN20030422_121924_000000382015_00410_05975_6529.N1	22-APR-2003 12:19:24	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	5975	No
218	GOM_NL__2PRFIN20030422_122216_000000442015_00410_05975_6530.N1	22-APR-2003 12:22:16	Bright	43.500	111	8Eta Boo	2.6800	6000.0	87	5975	No
219	GOM_NL__2PRFIN20030422_122719_000000382015_00410_05975_6531.N1	22-APR-2003 12:27:19	Bright	38.000	152	12Alp2CVn	2.8900	11000.	76	5975	No

220	GOM_NL__2PRFIN20030422_122920_000000372015_00410_05975_6532.N1	22-APR-2003 12:29:20	Bright	36.500	174	52Psi UMa	3.0040	4400.0	73	5975	No
221	GOM_NL__2PRFIN20030422_123130_000000352015_00410_05975_6533.N1	22-APR-2003 12:31:30	Bright	35.000	87	64Gam UMa	2.4330	11000.	70	5975	No
222	GOM_NL__2PRFIN20030422_123401_000000362015_00410_05975_6534.N1	22-APR-2003 12:34:01	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	5975	No
223	GOM_NL__2PRFIN20030422_123838_000000402015_00410_05975_6535.N1	22-APR-2003 12:38:38	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	5975	No
224	GOM_NL__2PRFIN20030422_124153_000000332015_00410_05975_6536.N1	22-APR-2003 12:41:53	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	5975	No
225	GOM_NL__2PRFIN20030422_124504_000000652015_00410_05975_6537.N1	22-APR-2003 12:45:04	Bright	65.000	69	33Gam Dra	2.2310	3800.0	130	5975	No
226	GOM_NL__2PRFIN20030422_124851_000000412015_00410_05975_6538.N1	22-APR-2003 12:48:51	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	5975	No
227	GOM_NL__2PRFIN20030422_125025_000000372015_00410_05975_6539.N1	22-APR-2003 12:50:25	Bright	36.500	74	11Bet Cas	2.2680	6600.0	73	5975	No
228	GOM_NL__2PRFIN20030422_125345_000001512015_00410_05975_6540.N1	22-APR-2003 12:53:45	Bright	150.50	5	3Alp Lyr	0.033000	11000.	301	5975	No
229	GOM_NL__2PRFIN20030422_125852_000000642015_00410_05975_6541.N1	22-APR-2003 12:58:52	Twi_and_stray	64.000	92	53Eps Cyg	2.5000	4500.0	128	5975	No
230	GOM_NL__2PRFIN20030422_130328_000000432015_00410_05975_6542.N1	22-APR-2003 13:03:28	Twi_and_stray	42.500	90	54Alp Peg	2.4870	11000.	85	5975	No
231	GOM_NL__2PRFIN20030422_130655_000000582015_00410_05975_6543.N1	22-APR-2003 13:06:55	Dark	58.000	61	8Eps Peg	2.1000	3900.0	116	5975	No
232	GOM_NL__2PRFIN20030422_130923_000000492015_00410_05975_6544.N1	22-APR-2003 13:09:23	Dark	48.500	162	34Alp Aqr	2.9440	5350.0	97	5975	No
233	GOM_NL__2PRFIN20030422_131222_000000542015_00410_05975_6545.N1	22-APR-2003 13:12:22	Dark	54.000	154	22Bet Aqr	2.8990	5700.0	108	5975	No
234	GOM_NL__2PRFIN20030422_131559_000000422015_00410_05975_6546.N1	22-APR-2003 13:15:59	Dark	41.500	18	24Alp PsA	1.1660	9700.0	83	5975	No
235	GOM_NL__2PRFIN20030422_132435_000000372015_00410_05975_6547.N1	22-APR-2003 13:24:35	Dark	37.000	148	Alp Tuc	2.8780	4100.0	74	5975	No
236	GOM_NL__2PRFIN20030422_132648_000000412015_00411_05976_6333.N1	22-APR-2003 13:26:48	Dark	40.500	45	Alp Pav	1.9400	26000.	81	5976	No
237	GOM_NL__2PRFIN20030422_133016_000000682015_00411_05976_6334.N1	22-APR-2003 13:30:16	Dark	67.500	103	38Zet Sgr	2.6000	9700.0	135	5976	No
238	GOM_NL__2PRFIN20030422_133332_000000652015_00411_05976_6335.N1	22-APR-2003 13:33:32	Dark	65.000	38	20Eps Sgr	1.8360	11000.	130	5976	No
239	GOM_NL__2PRFIN20030422_133531_000000582015_00411_05976_6336.N1	22-APR-2003 13:35:31	Straylight	57.500	40	The Sco	1.8590	7100.0	115	5976	No
240	GOM_NL__2PRFIN20030422_133820_000000442015_00411_05976_6337.N1	22-APR-2003 13:38:20	Straylight	43.500	4	Alp1Cen	-0.010000	5800.0	87	5976	No
241	GOM_NL__2PRFIN20030422_134137_000000412015_00411_05976_6338.N1	22-APR-2003 13:41:37	Straylight	41.000	78	Alp Lup	2.3040	28000.	82	5976	No
242	GOM_NL__2PRFIN20030422_134453_000000892015_00411_05976_6339.N1	22-APR-2003 13:44:53	Twi_and_stray	88.500	16	21Alp Sco	1.0200	3000.0	177	5976	No
243	GOM_NL__2PRFIN20030422_134739_000000762015_00411_05976_6340.N1	22-APR-2003 13:47:39	Twi_and_stray	75.500	80	7Del Sco	2.3160	30000.	151	5976	No
244	GOM_NL__2PRFIN20030422_135020_000000432015_00411_05976_6341.N1	22-APR-2003 13:50:20	Bright	42.500	106	9Bet Crv	2.6480	5600.0	85	5976	No
245	GOM_NL__2PRFIN20030422_135324_000000412015_00411_05976_6342.N1	22-APR-2003 13:53:24	Bright	40.500	15	67Alp Vir	0.97600	28000.	81	5976	No
246	GOM_NL__2PRFIN20030422_135626_000000382015_00411_05976_6343.N1	22-APR-2003 13:56:26	Bright	37.500	121	29Gam Vir	2.7400	7200.0	75	5976	No
247	GOM_NL__2PRFIN20030422_135959_000000382015_00411_05976_6344.N1	22-APR-2003 13:59:59	Bright	38.000	138	47Eps Vir	2.8280	4700.0	76	5976	No
248	GOM_NL__2PRFIN20030422_140251_000000432015_00411_05976_6345.N1	22-APR-2003 14:02:51	Bright	43.000	111	8Eta Boo	2.6800	6000.0	86	5976	No
249	GOM_NL__2PRFIN20030422_140756_000000372015_00411_05976_6346.N1	22-APR-2003 14:07:56	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	5976	No
250	GOM_NL__2PRFIN20030422_140957_000000362015_00411_05976_6347.N1	22-APR-2003 14:09:57	Bright	36.000	174	52Psi UMa	3.0040	4400.0	72	5976	No
251	GOM_NL__2PRFIN20030422_141206_000000382015_00411_05976_6348.N1	22-APR-2003 14:12:06	Bright	37.500	87	64Gam UMa	2.4330	11000.	75	5976	No
252	GOM_NL__2PRFIN20030422_141437_000000372015_00411_05976_6349.N1	22-APR-2003 14:14:37	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	5976	No
253	GOM_NL__2PRFIN20030422_141914_000000402015_00411_05976_6350.N1	22-APR-2003 14:19:14	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	5976	No
254	GOM_NL__2PRFIN20030422_142230_000000332015_00411_05976_6351.N1	22-APR-2003 14:22:30	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	5976	No
255	GOM_NL__2PRFIN20030422_142540_000000662015_00411_05976_6352.N1	22-APR-2003 14:25:40	Bright	65.500	69	33Gam Dra	2.2310	3800.0	131	5976	No
256	GOM_NL__2PRFIN20030422_142927_000000412015_00411_05976_6353.N1	22-APR-2003 14:29:27	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	5976	No
257	GOM_NL__2PRFIN20030422_143101_000000342015_00411_05976_6354.N1	22-APR-2003 14:31:01	Bright	34.000	74	11Bet Cas	2.2680	6600.0	68	5976	No
258	GOM_NL__2PRFIN20030422_143420_000001452015_00411_05976_6355.N1	22-APR-2003 14:34:20	Bright	144.50	5	3Alp Lyr	0.033000	11000.	289	5976	No
259	GOM_NL__2PRFIN20030422_143929_000000652015_00411_05976_6356.N1	22-APR-2003 14:39:29	Twi_and_stray	65.000	92	53Eps Cyg	2.5000	4500.0	130	5976	No
260	GOM_NL__2PRFIN20030422_144405_000000422015_00411_05976_6357.N1	22-APR-2003 14:44:05	Twi_and_stray	42.000	90	54Alp Peg	2.4870	11000.	84	5976	No
261	GOM_NL__2PRFIN20030422_144732_000000552015_00411_05976_6358.N1	22-APR-2003 14:47:32	Dark	55.000	61	8Eps Peg	2.1000	3900.0	110	5976	No
262	GOM_NL__2PRFIN20030422_145000_000000502015_00411_05976_6359.N1	22-APR-2003 14:50:00	Dark	49.500	162	34Alp Aqr	2.9440	5350.0	99	5976	No
263	GOM_NL__2PRFIN20030422_145300_000000522015_00411_05976_6360.N1	22-APR-2003 14:53:00	Dark	52.000	154	22Bet Aqr	2.8990	5700.0	104	5976	No
264	GOM_NL__2PRFIN20030422_145636_000000442015_00411_05976_6361.N1	22-APR-2003 14:56:36	Dark	44.000	18	24Alp PsA	1.1660	9700.0	88	5976	No
265	GOM_NL__2PRFIN20030422_150512_000000392015_00411_05976_6362.N1	22-APR-2003 15:05:12	Dark	38.500	148	Alp Tuc	2.8780	4100.0	77	5976	No
266	GOM_NL__2PRFIN20030422_150725_000000402015_00412_05977_6333.N1	22-APR-2003 15:07:25	Dark	40.000	45	Alp Pav	1.9400	26000.	80	5977	No
267	GOM_NL__2PRFIN20030422_151055_000000702015_00412_05977_6334.N1	22-APR-2003 15:10:55	Dark	70.000	103	38Zet Sgr	2.6000	9700.0	140	5977	No
268	GOM_NL__2PRFIN20030422_151410_000000762015_00412_05977_6335.N1	22-APR-2003 15:14:10	Dark	76.000	38	20Eps Sgr	1.8360	11000.	152	5977	No
269	GOM_NL__2PRFIN20030422_151609_000000552015_00412_05977_6336.N1	22-APR-2003 15:16:09	Straylight	54.500	40	The Sco	1.8590	7100.0	109	5977	No
270	GOM_NL__2PRFIN20030422_151857_000000452015_00412_05977_6337.N1	22-APR-2003 15:18:57	Straylight	45.000	4	Alp1Cen	-0.010000	5800.0	90	5977	No
271	GOM_NL__2PRFIN20030422_152215_000000412015_00412_05977_6338.N1	22-APR-2003 15:22:15	Straylight	40.500	78	Alp Lup	2.3040	28000.	81	5977	No
272	GOM_NL__2PRFIN20030422_152530_000000802015_00412_05977_6339.N1	22-APR-2003 15:25:30	Twi_and_stray	80.000	16	21Alp Sco	1.0200	3000.0	160	5977	No
273	GOM_NL__2PRFIN20030422_152817_000000732015_00412_05977_6340.N1	22-APR-2003 15:28:17	Twi_and_stray	72.500	80	7Del Sco	2.3160	30000.	145	5977	No
274	GOM_NL__2PRFIN20030422_153057_000000412015_00412_05977_6341.N1	22-APR-2003 15:30:57	Bright	41.000	106	9Bet Crv	2.6480	5600.0	82	5977	No
275	GOM_NL__2PRFIN20030422_153401_000000422015_00412_05977_6342.N1	22-APR-2003 15:34:01	Bright	42.000	15	67Alp Vir	0.97600	28000.	84	5977	No
276	GOM_NL__2PRFIN20030422_153703_000000372015_00412_05977_6343.N1	22-APR-2003 15:37:03	Bright	36.500	121	29Gam Vir	2.7400	7200.0	73	5977	No
277	GOM_NL__2PRFIN20030422_154036_000000382015_00412_05977_6344.N1	22-APR-2003 15:40:36	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	5977	No
278	GOM_NL__2PRFIN20030422_154327_000000422015_00412_05977_6345.N1	22-APR-2003 15:43:27	Bright	42.000	111	8Eta Boo	2.6800	6000.0	84	5977	No

279	GOM_NL__2PRFIN20030422_154832_000000372015_00412_05977_6346.N1	22-APR-2003 15:48:32	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	5977	No
280	GOM_NL__2PRFIN20030422_155033_000000352015_00412_05977_6347.N1	22-APR-2003 15:50:33	Bright	35.000	174	52Psi UMa	3.0040	4400.0	70	5977	No
281	GOM_NL__2PRFIN20030422_155242_000000362015_00412_05977_6348.N1	22-APR-2003 15:52:42	Bright	35.500	87	64Gam UMa	2.4330	11000.	71	5977	No
282	GOM_NL__2PRFIN20030422_155513_000000382015_00412_05977_6349.N1	22-APR-2003 15:55:13	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	5977	No
283	GOM_NL__2PRFIN20030422_155950_000000402015_00412_05977_6350.N1	22-APR-2003 15:59:50	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	5977	No
284	GOM_NL__2PRFIN20030422_160305_000000372015_00412_05977_6351.N1	22-APR-2003 16:03:05	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	5977	No
285	GOM_NL__2PRFIN20030422_160614_000000662015_00412_05977_6352.N1	22-APR-2003 16:06:14	Bright	65.500	69	33Gam Dra	2.2310	3800.0	131	5977	No
286	GOM_NL__2PRFIN20030422_161003_000000402015_00412_05977_6353.N1	22-APR-2003 16:10:03	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	5977	No
287	GOM_NL__2PRFIN20030422_161137_000000342015_00412_05977_6354.N1	22-APR-2003 16:11:37	Bright	33.500	74	11Bet Cas	2.2680	6600.0	67	5977	No
288	GOM_NL__2PRFIN20030422_161453_000001382015_00412_05977_6355.N1	22-APR-2003 16:14:53	Bright	137.50	5	3Alp Lyr	0.033000	11000.	275	5977	No
289	GOM_NL__2PRFIN20030422_162005_000000682015_00412_05977_6356.N1	22-APR-2003 16:20:05	Twi_and_stray	67.500	92	53Eps Cyg	2.5000	4500.0	135	5977	No
290	GOM_NL__2PRFIN20030422_162441_000000422015_00412_05977_6357.N1	22-APR-2003 16:24:41	Twi_and_stray	42.000	90	54Alp Peg	2.4870	11000.	84	5977	No
291	GOM_NL__2PRFIN20030422_162808_000000572015_00412_05977_6358.N1	22-APR-2003 16:28:08	Dark	56.500	61	8Eps Peg	2.1000	3900.0	113	5977	No
292	GOM_NL__2PRFIN20030422_163036_000000492015_00412_05977_6359.N1	22-APR-2003 16:30:36	Dark	49.000	162	34Alp Aqr	2.9440	5350.0	98	5977	No
293	GOM_NL__2PRFIN20030422_163336_000000522015_00412_05977_6360.N1	22-APR-2003 16:33:36	Dark	52.000	154	22Bet Aqr	2.8990	5700.0	104	5977	No
294	GOM_NL__2PRFIN20030422_163712_000000432015_00412_05977_6361.N1	22-APR-2003 16:37:12	Dark	42.500	18	24Alp PsA	1.1660	9700.0	85	5977	No
295	GOM_NL__2PRFIN20030422_164548_000000392015_00412_05977_6362.N1	22-APR-2003 16:45:48	Dark	39.000	148	Alp Tuc	2.8780	4100.0	78	5977	No
296	GOM_NL__2PRFIN20030422_164802_000000412015_00413_05978_6333.N1	22-APR-2003 16:48:02	Dark	41.000	45	Alp Pav	1.9400	26000.	82	5978	No
297	GOM_NL__2PRFIN20030422_165133_000000702015_00413_05978_6334.N1	22-APR-2003 16:51:33	Dark	69.500	103	38Zet Sgr	2.6000	9700.0	139	5978	No
298	GOM_NL__2PRFIN20030422_165448_000000662015_00413_05978_6335.N1	22-APR-2003 16:54:48	Dark	65.500	38	20Eps Sgr	1.8360	11000.	131	5978	No
299	GOM_NL__2PRFIN20030422_165646_000000572015_00413_05978_6336.N1	22-APR-2003 16:56:46	Straylight	57.000	40	The Sco	1.8590	7100.0	114	5978	No
300	GOM_NL__2PRFIN20030422_165933_000000452015_00413_05978_6337.N1	22-APR-2003 16:59:33	Straylight	44.500	4	Alp1Cen	-0.010000	5800.0	89	5978	No
301	GOM_NL__2PRFIN20030422_170251_000000412015_00413_05978_6338.N1	22-APR-2003 17:02:51	Straylight	40.500	78	Alp Lup	2.3040	28000.	81	5978	No
302	GOM_NL__2PRFIN20030422_170607_000000862015_00413_05978_6339.N1	22-APR-2003 17:06:07	Twi_and_stray	85.500	16	21Alp Sco	1.0200	3000.0	171	5978	No
303	GOM_NL__2PRFIN20030422_170853_000000772015_00413_05978_6340.N1	22-APR-2003 17:08:53	Twi_and_stray	76.500	80	7Del Sco	2.3160	30000.	153	5978	No
304	GOM_NL__2PRFIN20030422_171133_000000392015_00413_05978_6341.N1	22-APR-2003 17:11:33	Bright	39.000	106	9Bet Crv	2.6480	5600.0	78	5978	No
305	GOM_NL__2PRFIN20030422_171437_000000412015_00413_05978_6342.N1	22-APR-2003 17:14:37	Bright	41.000	15	67Alp Vir	0.97600	28000.	82	5978	No
306	GOM_NL__2PRFIN20030422_171739_000000372015_00413_05978_6343.N1	22-APR-2003 17:17:39	Bright	36.500	121	29Gam Vir	2.7400	7200.0	73	5978	No
307	GOM_NL__2PRFIN20030422_172112_000000382015_00413_05978_6344.N1	22-APR-2003 17:21:12	Bright	38.000	138	47Eps Vir	2.8280	4700.0	76	5978	No
308	GOM_NL__2PRFIN20030422_172402_000000432015_00413_05978_6345.N1	22-APR-2003 17:24:02	Bright	43.000	111	8Eta Boo	2.6800	6000.0	86	5978	No
309	GOM_NL__2PRFIN20030422_172907_000000372015_00413_05978_6346.N1	22-APR-2003 17:29:07	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	5978	No
310	GOM_NL__2PRFIN20030422_173109_000000382015_00413_05978_6347.N1	22-APR-2003 17:31:09	Bright	37.500	174	52Psi UMa	3.0040	4400.0	75	5978	No
311	GOM_NL__2PRFIN20030422_173318_000000372015_00413_05978_6348.N1	22-APR-2003 17:33:18	Bright	36.500	87	64Gam UMa	2.4330	11000.	73	5978	No
312	GOM_NL__2PRFIN20030422_173549_000000372015_00413_05978_6349.N1	22-APR-2003 17:35:49	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	5978	No
313	GOM_NL__2PRFIN20030422_174025_000000372015_00413_05978_6350.N1	22-APR-2003 17:40:25	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	5978	No
314	GOM_NL__2PRFIN20030422_174341_000000362015_00413_05978_6351.N1	22-APR-2003 17:43:41	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	5978	No
315	GOM_NL__2PRFIN20030422_174649_000000632015_00413_05978_6352.N1	22-APR-2003 17:46:49	Bright	62.500	69	33Gam Dra	2.2310	3800.0	125	5978	No
316	GOM_NL__2PRFIN20030422_175038_000000422015_00413_05978_6353.N1	22-APR-2003 17:50:38	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	5978	No
317	GOM_NL__2PRFIN20030422_175213_000000342015_00413_05978_6354.N1	22-APR-2003 17:52:13	Bright	33.500	74	11Bet Cas	2.2680	6600.0	67	5978	No
318	GOM_NL__2PRFIN20030422_175529_000001412015_00413_05978_6355.N1	22-APR-2003 17:55:29	Bright	141.00	5	3Alp Lyr	0.033000	11000.	282	5978	No
319	GOM_NL__2PRFIN20030422_180041_000000682015_00413_05978_6356.N1	22-APR-2003 18:00:41	Twi_and_stray	68.000	92	53Eps Cyg	2.5000	4500.0	136	5978	No
320	GOM_NL__2PRFIN20030422_180517_000000422015_00413_05978_6357.N1	22-APR-2003 18:05:17	Twi_and_stray	42.000	90	54Alp Peg	2.4870	11000.	84	5978	No
321	GOM_NL__2PRFIN20030422_180845_000000572015_00413_05978_6358.N1	22-APR-2003 18:08:45	Dark	56.500	61	8Eps Peg	2.1000	3900.0	113	5978	No
322	GOM_NL__2PRFIN20030422_181113_000000482015_00413_05978_6359.N1	22-APR-2003 18:11:13	Dark	47.500	162	34Alp Aqr	2.9440	5350.0	95	5978	No
323	GOM_NL__2PRFIN20030422_181413_000000532015_00413_05978_6360.N1	22-APR-2003 18:14:13	Dark	52.500	154	22Bet Aqr	2.8990	5700.0	105	5978	No
324	GOM_NL__2PRFIN20030422_181748_000000432015_00413_05978_6361.N1	22-APR-2003 18:17:48	Dark	43.000	18	24Alp PsA	1.1660	9700.0	86	5978	No
325	GOM_NL__2PRFIN20030422_182624_000000362015_00413_05978_6362.N1	22-APR-2003 18:26:24	Dark	36.000	148	Alp Tuc	2.8780	4100.0	72	5978	No
326	GOM_NL__2PRFIN20030422_200915_000000402015_00415_05980_5856.N1	22-APR-2003 20:09:15	Dark	40.000	45	Alp Pav	1.9400	26000.	80	5980	No
327	GOM_NL__2PRFIN20030422_201248_000000712015_00415_05980_5857.N1	22-APR-2003 20:12:48	Dark	71.000	103	38Zet Sgr	2.6000	9700.0	142	5980	No
328	GOM_NL__2PRFIN20030422_201603_000000702015_00415_05980_5858.N1	22-APR-2003 20:16:03	Dark	70.000	38	20Eps Sgr	1.8360	11000.	140	5980	No
329	GOM_NL__2PRFIN20030422_202046_000000502015_00415_05980_5859.N1	22-APR-2003 20:20:46	Straylight	49.500	4	Alp1Cen	-0.010000	5800.0	99	5980	No
330	GOM_NL__2PRFIN20030422_202309_000000682015_00415_05980_5860.N1	22-APR-2003 20:23:09	Straylight	68.000	75	26Eps Sco	2.2910	4250.0	136	5980	No
331	GOM_NL__2PRFIN20030422_202538_000000412015_00415_05980_5861.N1	22-APR-2003 20:25:38	Straylight	41.000	81	Eta Cen	2.3560	28000.	82	5980	No
332	GOM_NL__2PRFIN20030422_202720_000000802015_00415_05980_5862.N1	22-APR-2003 20:27:20	Twi_and_stray	79.500	16	21Alp Sco	1.0200	3000.0	159	5980	No
333	GOM_NL__2PRFIN20030422_203006_000000722015_00415_05980_5863.N1	22-APR-2003 20:30:06	Twi_and_stray	72.000	80	7Del Sco	2.3160	30000.	144	5980	No
334	GOM_NL__2PRFIN20030422_203221_000000402015_00415_05980_5864.N1	22-APR-2003 20:32:21	Twi_and_stray	40.000	169	46Gam Hya	2.9910	4700.0	80	5980	No
335	GOM_NL__2PRFIN20030422_203347_000000502015_00415_05980_5865.N1	22-APR-2003 20:33:47	Bright	50.000	122	9Alp2Lib	2.7470	9700.0	100	5980	No
336	GOM_NL__2PRFIN20030422_203549_000000412015_00415_05980_5866.N1	22-APR-2003 20:35:49	Bright	41.000	15	67Alp Vir	0.97600	28000.	82	5980	No
337	GOM_NL__2PRFIN20030422_203851_000000362015_00415_05980_5867.N1	22-APR-2003 20:38:51	Bright	36.000	121	29Gam Vir	2.7400	7200.0	72	5980	No

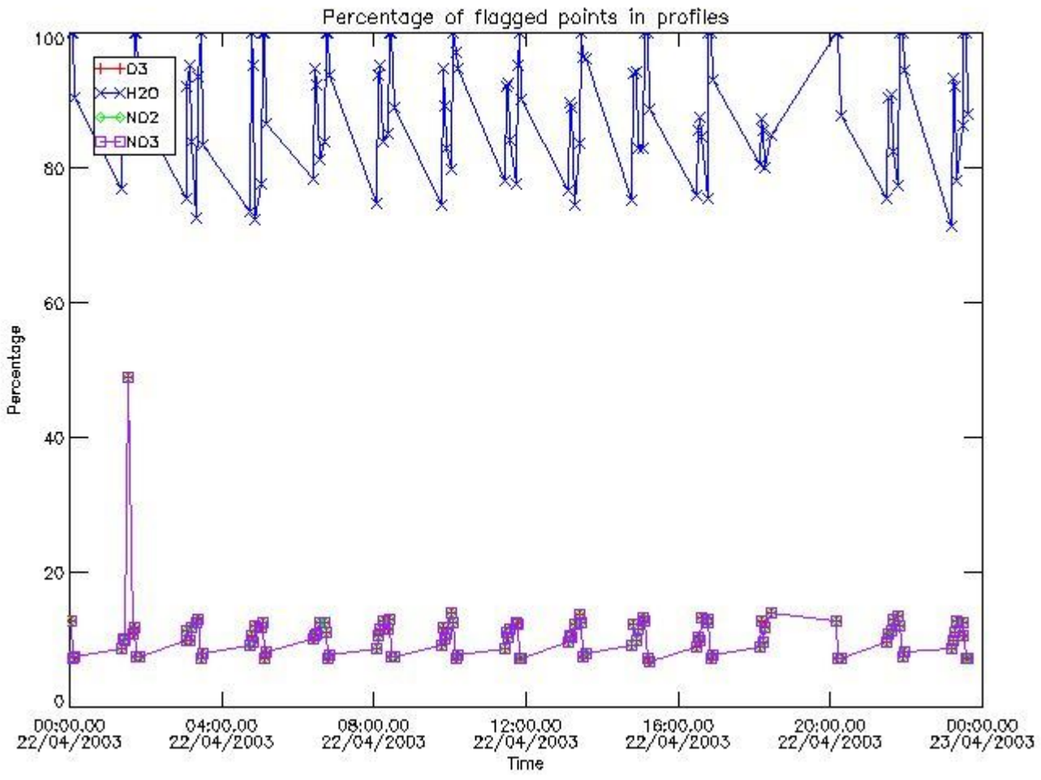
338	GOM_NL__2PRFIN20030422_204223_000000382015_00415_05980_5868.N1	22-APR-2003 20:42:23	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	5980	No
339	GOM_NL__2PRFIN20030422_204514_000000432015_00415_05980_5869.N1	22-APR-2003 20:45:14	Bright	42.500	111	8Eta Boo	2.6800	6000.0	85	5980	No
340	GOM_NL__2PRFIN20030422_205019_000000382015_00415_05980_5870.N1	22-APR-2003 20:50:19	Bright	37.500	152	12Alp2CVn	2.8900	11000.	75	5980	No
341	GOM_NL__2PRFIN20030422_205235_000000462015_00415_05980_5871.N1	22-APR-2003 20:52:35	Bright	46.000	180	27Gam Boo	3.0400	8000.0	92	5980	No
342	GOM_NL__2PRFIN20030422_205430_000000362015_00415_05980_5872.N1	22-APR-2003 20:54:30	Bright	36.000	87	64Gam UMa	2.4330	11000.	72	5980	No
343	GOM_NL__2PRFIN20030422_205702_000000382015_00415_05980_5873.N1	22-APR-2003 20:57:02	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	5980	No
344	GOM_NL__2PRFIN20030422_210137_000000372015_00415_05980_5874.N1	22-APR-2003 21:01:37	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	5980	No
345	GOM_NL__2PRFIN20030422_210453_000000372015_00415_05980_5875.N1	22-APR-2003 21:04:53	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	5980	No
346	GOM_NL__2PRFIN20030422_210759_000000602015_00415_05980_5876.N1	22-APR-2003 21:07:59	Bright	59.500	69	33Gam Dra	2.2310	3800.0	119	5980	No
347	GOM_NL__2PRFIN20030422_211150_000000402015_00415_05980_5877.N1	22-APR-2003 21:11:50	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	5980	No
348	GOM_NL__2PRFIN20030422_211325_000000342015_00415_05980_5878.N1	22-APR-2003 21:13:25	Bright	34.000	74	11Bet Cas	2.2680	6600.0	68	5980	No
349	GOM_NL__2PRFIN20030422_211640_000001302015_00415_05980_5879.N1	22-APR-2003 21:16:40	Bright	130.00	5	3Alp Lyr	0.033000	11000.	260	5980	No
350	GOM_NL__2PRFIN20030422_212153_000000642015_00415_05980_5880.N1	22-APR-2003 21:21:53	Twi_and_stray	63.500	92	53Eps Cyg	2.5000	4500.0	127	5980	No
351	GOM_NL__2PRFIN20030422_212629_000000402015_00415_05980_5881.N1	22-APR-2003 21:26:29	Twi_and_stray	40.000	90	54Alp Peg	2.4870	11000.	80	5980	No
352	GOM_NL__2PRFIN20030422_212958_000000582015_00415_05980_5882.N1	22-APR-2003 21:29:58	Dark	57.500	61	8Eps Peg	2.1000	3900.0	115	5980	No
353	GOM_NL__2PRFIN20030422_213226_000000482015_00415_05980_5883.N1	22-APR-2003 21:32:26	Dark	47.500	162	34Alp Aqr	2.9440	5350.0	95	5980	No
354	GOM_NL__2PRFIN20030422_213526_000000502015_00415_05980_5884.N1	22-APR-2003 21:35:26	Dark	49.500	154	22Bet Aqr	2.8990	5700.0	99	5980	No
355	GOM_NL__2PRFIN20030422_213901_000000432015_00415_05980_5885.N1	22-APR-2003 21:39:01	Dark	43.000	18	24Alp PsA	1.1660	9700.0	86	5980	No
356	GOM_NL__2PRFIN20030422_214737_000000382015_00415_05980_5886.N1	22-APR-2003 21:47:37	Dark	38.000	148	Alp Tuc	2.8780	4100.0	76	5980	No
357	GOM_NL__2PRFIN20030422_214951_000000432015_00416_05981_6336.N1	22-APR-2003 21:49:51	Dark	42.500	45	Alp Pav	1.9400	26000.	85	5981	No
358	GOM_NL__2PRFIN20030422_215325_000000692015_00416_05981_6337.N1	22-APR-2003 21:53:25	Dark	69.000	103	38Zet Sgr	2.6000	9700.0	138	5981	No
359	GOM_NL__2PRFIN20030422_215640_000000632015_00416_05981_6338.N1	22-APR-2003 21:56:40	Dark	63.000	38	20Eps Sgr	1.8360	11000.	126	5981	No
360	GOM_NL__2PRFIN20030422_220122_000000522015_00416_05981_6339.N1	22-APR-2003 22:01:22	Straylight	51.500	4	Alp1Cen	-0.010000	5800.0	103	5981	No
361	GOM_NL__2PRFIN20030422_220345_000000712015_00416_05981_6340.N1	22-APR-2003 22:03:45	Straylight	70.500	75	26Eps Sco	2.2910	4250.0	141	5981	No
362	GOM_NL__2PRFIN20030422_220614_000000432015_00416_05981_6341.N1	22-APR-2003 22:06:14	Straylight	42.500	81	Eta Cen	2.3560	28000.	85	5981	No
363	GOM_NL__2PRFIN20030422_220757_000000872015_00416_05981_6342.N1	22-APR-2003 22:07:57	Twi_and_stray	87.000	16	21Alp Sco	1.0200	3000.0	174	5981	No
364	GOM_NL__2PRFIN20030422_221042_000000722015_00416_05981_6343.N1	22-APR-2003 22:10:42	Twi_and_stray	71.500	80	7Del Sco	2.3160	30000.	143	5981	No
365	GOM_NL__2PRFIN20030422_221257_000000422015_00416_05981_6344.N1	22-APR-2003 22:12:57	Twi_and_stray	41.500	169	46Gam Hya	2.9910	4700.0	83	5981	No
366	GOM_NL__2PRFIN20030422_221423_000000492015_00416_05981_6345.N1	22-APR-2003 22:14:23	Bright	49.000	122	9Alp2Lib	2.7470	9700.0	98	5981	No
367	GOM_NL__2PRFIN20030422_221625_000000412015_00416_05981_6346.N1	22-APR-2003 22:16:25	Bright	40.500	15	67Alp Vir	0.97600	28000.	81	5981	No
368	GOM_NL__2PRFIN20030422_221927_000000372015_00416_05981_6347.N1	22-APR-2003 22:19:27	Bright	37.000	121	29Gam Vir	2.7400	7200.0	74	5981	No
369	GOM_NL__2PRFIN20030422_222259_000000382015_00416_05981_6348.N1	22-APR-2003 22:22:59	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	5981	No
370	GOM_NL__2PRFIN20030422_222549_000000432015_00416_05981_6349.N1	22-APR-2003 22:25:49	Bright	42.500	111	8Eta Boo	2.6800	6000.0	85	5981	No
371	GOM_NL__2PRFIN20030422_223054_000000362015_00416_05981_6350.N1	22-APR-2003 22:30:54	Bright	36.000	152	12Alp2CVn	2.8900	11000.	72	5981	No
372	GOM_NL__2PRFIN20030422_223310_000000472015_00416_05981_6351.N1	22-APR-2003 22:33:10	Bright	46.500	180	27Gam Boo	3.0400	8000.0	93	5981	No
373	GOM_NL__2PRFIN20030422_223506_000000352015_00416_05981_6352.N1	22-APR-2003 22:35:06	Bright	35.000	87	64Gam UMa	2.4330	11000.	70	5981	No
374	GOM_NL__2PRFIN20030422_223738_000000372015_00416_05981_6353.N1	22-APR-2003 22:37:38	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	5981	No
375	GOM_NL__2PRFIN20030422_224212_000000392015_00416_05981_6354.N1	22-APR-2003 22:42:12	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	5981	No
376	GOM_NL__2PRFIN20030422_224529_000000352015_00416_05981_6355.N1	22-APR-2003 22:45:29	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	5981	No
377	GOM_NL__2PRFIN20030422_224834_000000662015_00416_05981_6356.N1	22-APR-2003 22:48:34	Bright	65.500	69	33Gam Dra	2.2310	3800.0	131	5981	No
378	GOM_NL__2PRFIN20030422_225225_000000412015_00416_05981_6357.N1	22-APR-2003 22:52:25	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	5981	No
379	GOM_NL__2PRFIN20030422_225401_000000362015_00416_05981_6358.N1	22-APR-2003 22:54:01	Bright	36.000	74	11Bet Cas	2.2680	6600.0	72	5981	No
380	GOM_NL__2PRFIN20030422_225715_000001412015_00416_05981_6359.N1	22-APR-2003 22:57:15	Bright	141.00	5	3Alp Lyr	0.033000	11000.	282	5981	No
381	GOM_NL__2PRFIN20030422_230229_000000682015_00416_05981_6360.N1	22-APR-2003 23:02:29	Twi_and_stray	68.000	92	53Eps Cyg	2.5000	4500.0	136	5981	No
382	GOM_NL__2PRFIN20030422_230705_000000442015_00416_05981_6361.N1	22-APR-2003 23:07:05	Twi_and_stray	43.500	90	54Alp Peg	2.4870	11000.	87	5981	No
383	GOM_NL__2PRFIN20030422_231034_000000582015_00416_05981_6362.N1	22-APR-2003 23:10:34	Dark	58.000	61	8Eps Peg	2.1000	3900.0	116	5981	No
384	GOM_NL__2PRFIN20030422_231302_000000522015_00416_05981_6363.N1	22-APR-2003 23:13:02	Dark	52.000	162	34Alp Aqr	2.9440	5350.0	104	5981	No
385	GOM_NL__2PRFIN20030422_231603_000000512015_00416_05981_6364.N1	22-APR-2003 23:16:03	Dark	51.000	154	22Bet Aqr	2.8990	5700.0	102	5981	No
386	GOM_NL__2PRFIN20030422_231937_000000442015_00416_05981_6365.N1	22-APR-2003 23:19:37	Dark	44.000	18	24Alp PsA	1.1660	9700.0	88	5981	No
387	GOM_NL__2PRFIN20030422_232813_000000482015_00416_05981_6366.N1	22-APR-2003 23:28:13	Dark	48.000	148	Alp Tuc	2.8780	4100.0	96	5981	No
388	GOM_NL__2PRFIN20030422_233028_000000412015_00417_05982_6337.N1	22-APR-2003 23:30:28	Dark	40.500	45	Alp Pav	1.9400	26000.	81	5982	No
389	GOM_NL__2PRFIN20030422_233403_000000712015_00417_05982_6338.N1	22-APR-2003 23:34:03	Dark	70.500	103	38Zet Sgr	2.6000	9700.0	141	5982	No
390	GOM_NL__2PRFIN20030422_233717_000000712015_00417_05982_6339.N1	22-APR-2003 23:37:17	Dark	70.500	38	20Eps Sgr	1.8360	11000.	141	5982	No
391	GOM_NL__2PRFIN20030422_234158_000000402015_00417_05982_6340.N1	22-APR-2003 23:41:58	Straylight	40.000	4	Alp1Cen	-0.010000	5800.0	80	5982	No
392	GOM_NL__2PRFIN20030422_234422_000000712015_00417_05982_6341.N1	22-APR-2003 23:44:22	Straylight	71.000	75	26Eps Sco	2.2910	4250.0	142	5982	No
393	GOM_NL__2PRFIN20030422_234650_000000442015_00417_05982_6342.N1	22-APR-2003 23:46:50	Straylight	43.500	81	Eta Cen	2.3560	28000.	87	5982	No
394	GOM_NL__2PRFIN20030422_234834_000000912015_00417_05982_6343.N1	22-APR-2003 23:48:34	Twi_and_stray	90.500	16	21Alp Sco	1.0200	3000.0	181	5982	No
395	GOM_NL__2PRFIN20030422_235118_000000722015_00417_05982_6344.N1	22-APR-2003 23:51:18	Twi_and_stray	72.000	80	7Del Sco	2.3160	30000.	144	5982	No
396	GOM_NL__2PRFIN20030422_235333_000000442015_00417_05982_6345.N1	22-APR-2003 23:53:33	Twi_and_stray	43.500	169	46Gam Hya	2.9910	4700.0	87	5982	No

397	GOM_NL__2PRFIN20030422_235459_000000512015_00417_05982_6346.N1	22-APR-2003 23:54:59	Bright	51.000	122	9Alp2Lib	2.7470	9700.0	102	5982	No
398	GOM_NL__2PRFIN20030422_235701_000000402015_00417_05982_6347.N1	22-APR-2003 23:57:01	Bright	40.000	15	67Alp Vir	0.97600	28000.	80	5982	No

3. Quality information per product

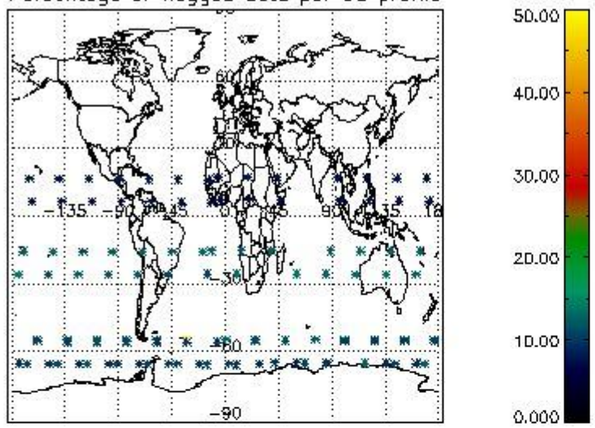
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

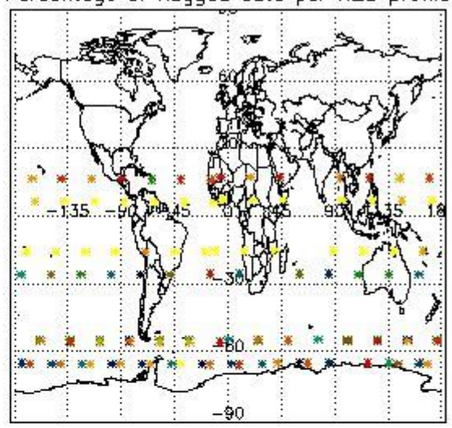


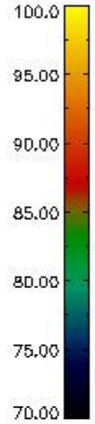
3.2 Plot quality information per product (world map)

Percentage of flagged data per O3 profile

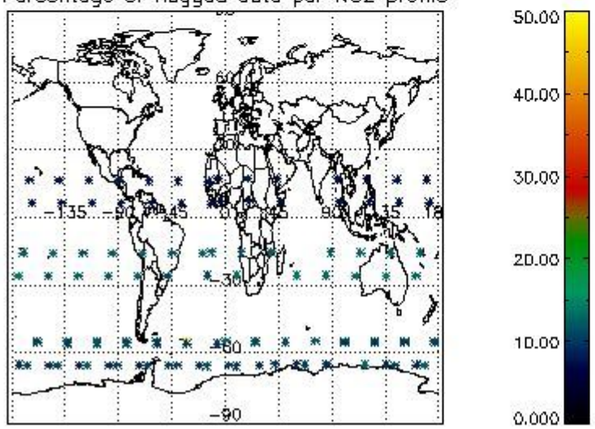


Percentage of flagged data per H2O profile

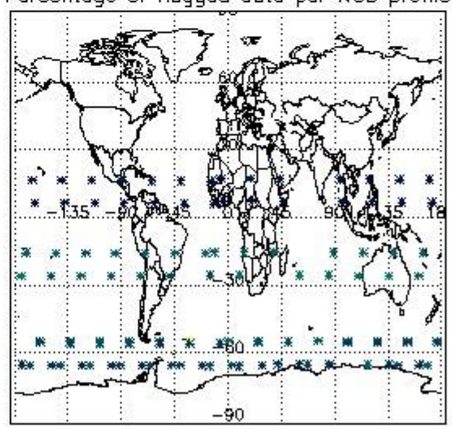


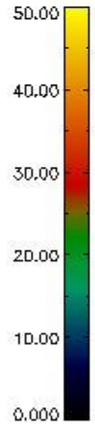


Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



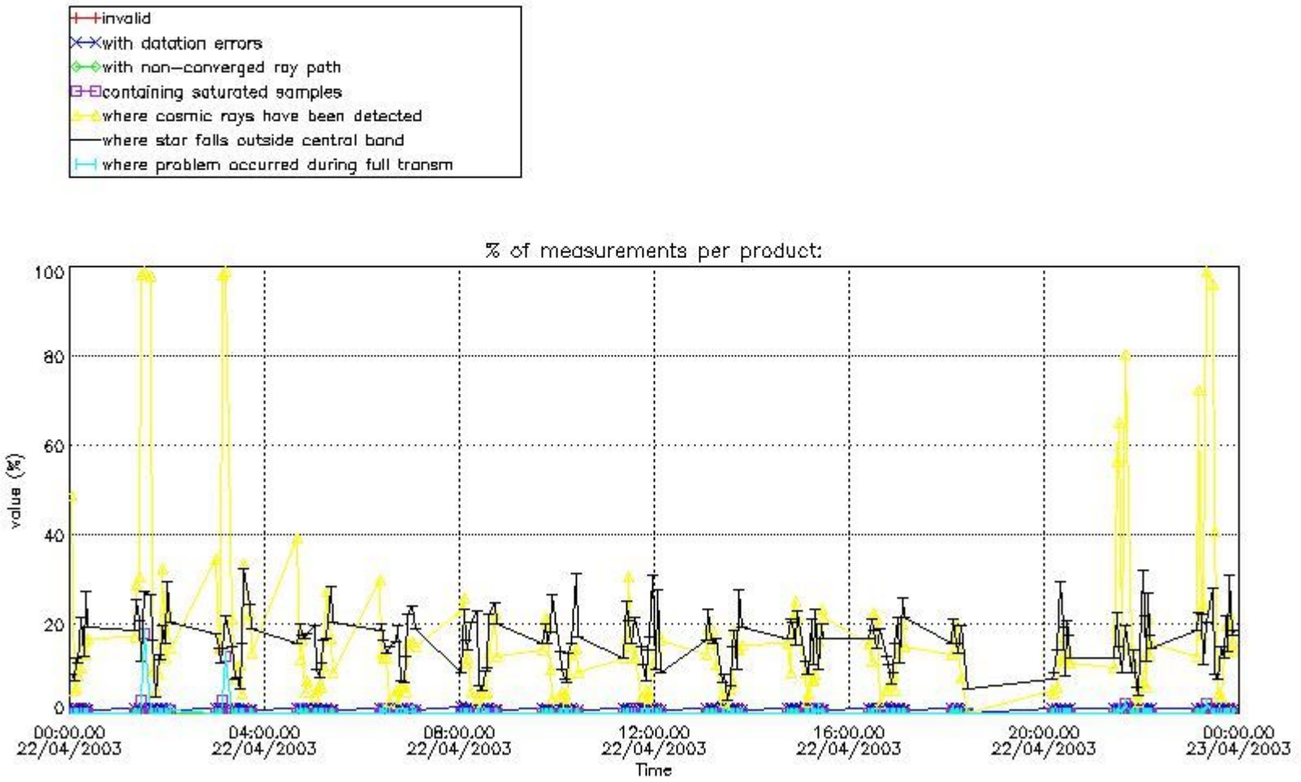


4. Level 1 quality information per product

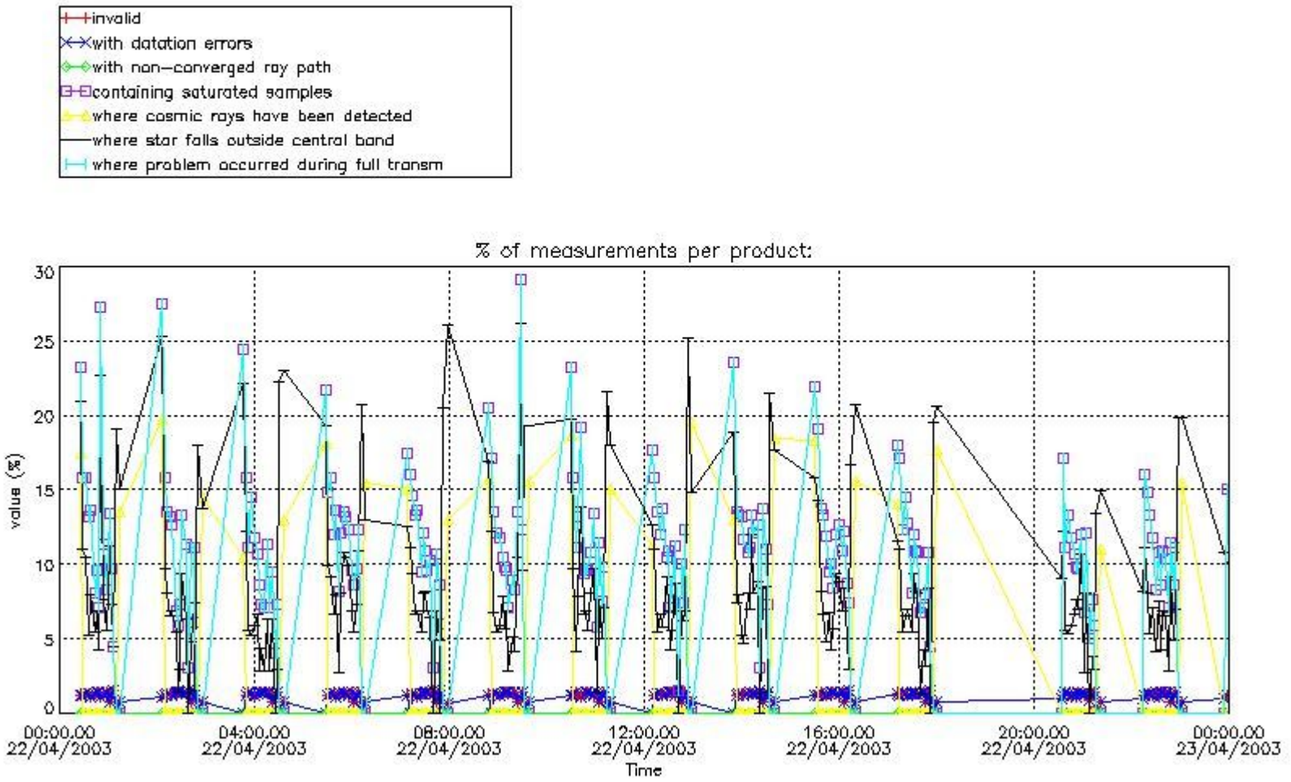
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processsing. Products without errors (error flag in the MPH set to "0") are used.

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

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

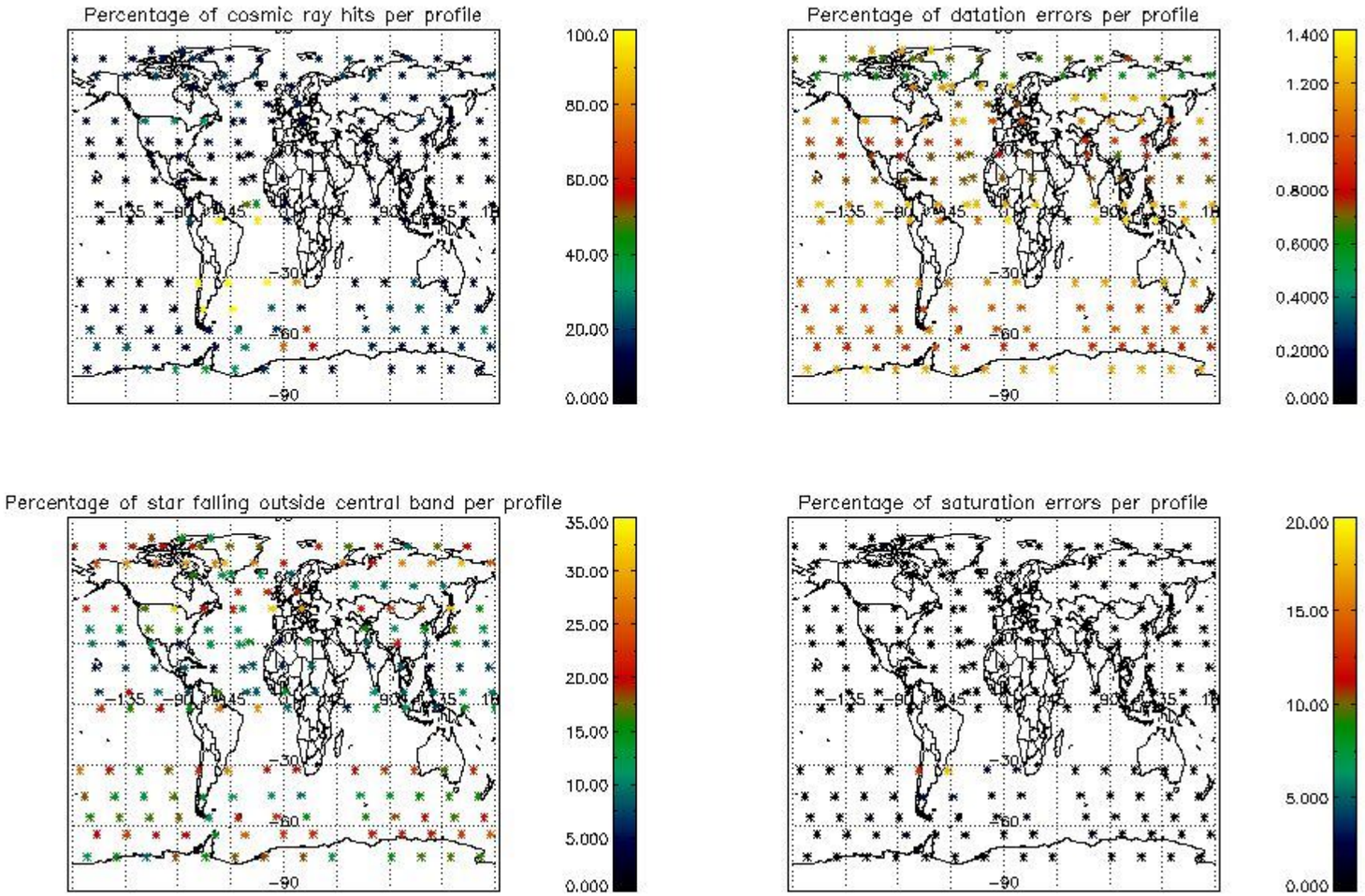


4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes

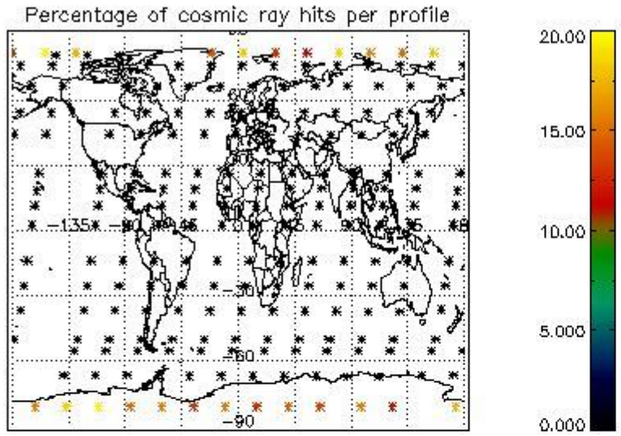


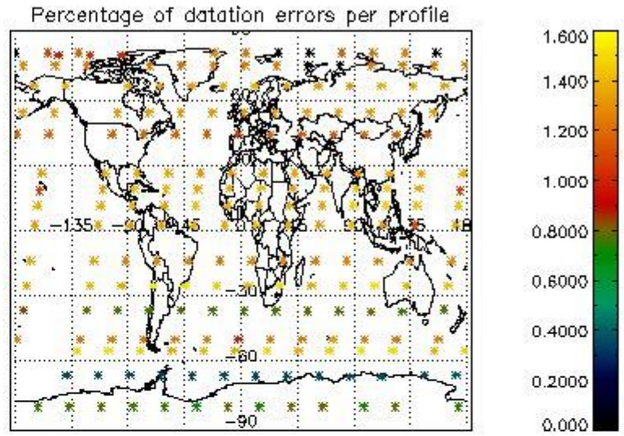
4.2 Plot quality information per product comming from level 1b processing (world map)

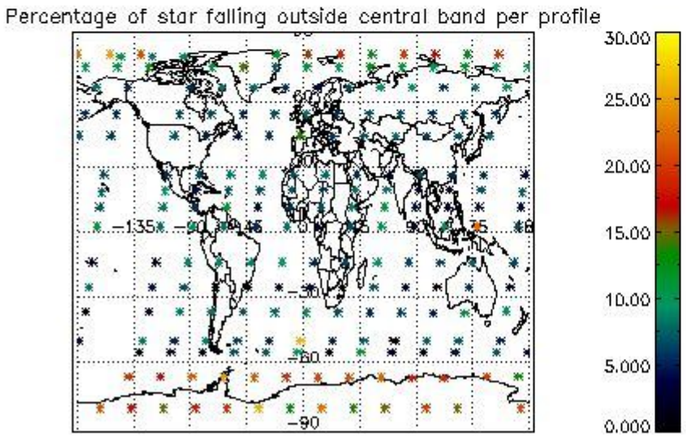
4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes

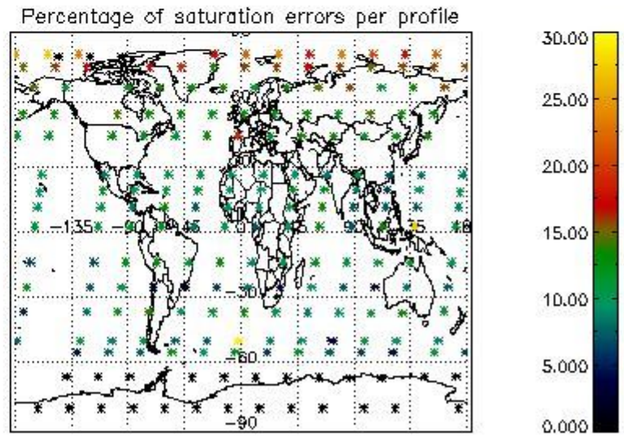


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes









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

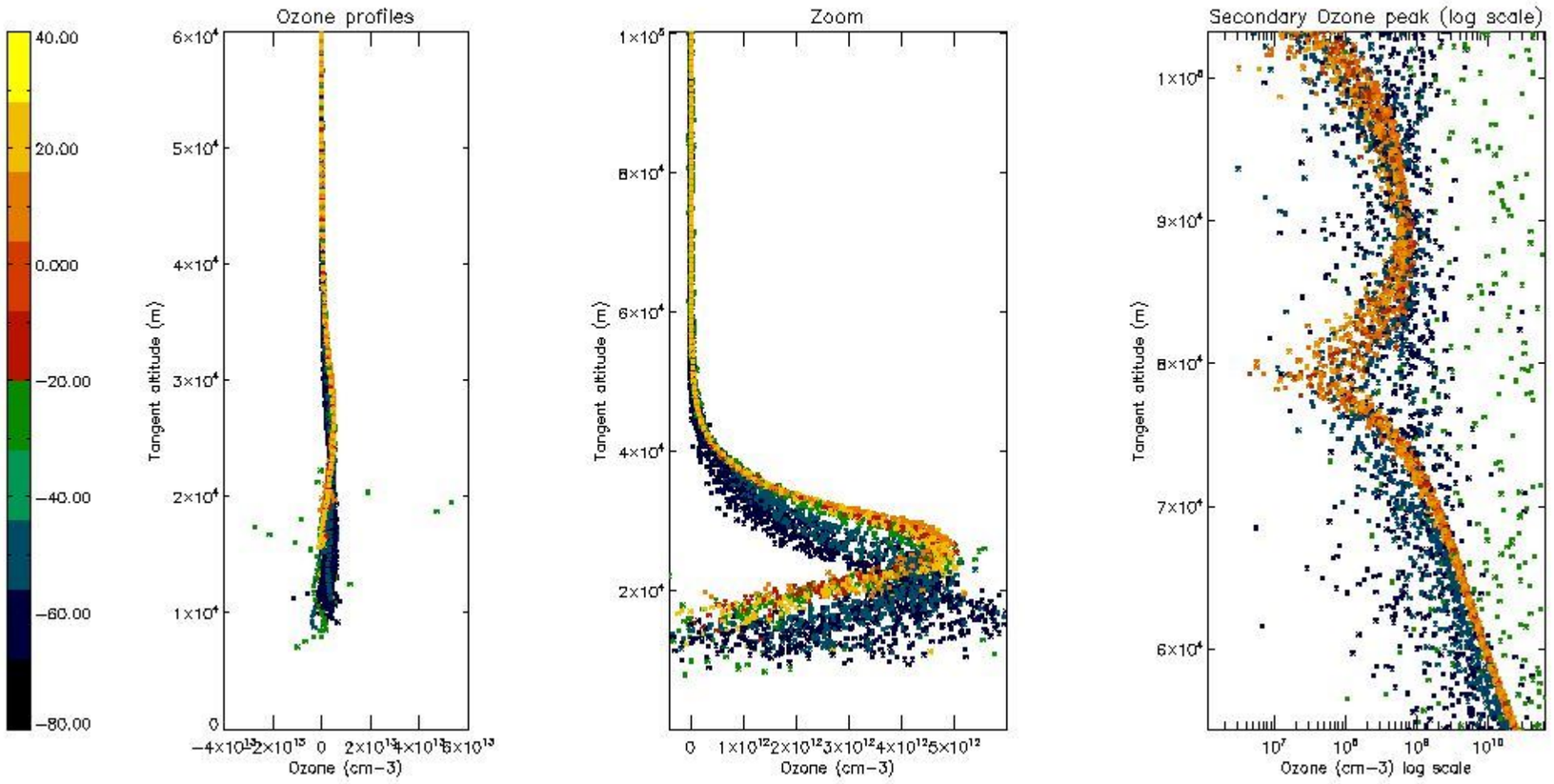
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	28
STD < 20	15

STD < 10	12
STD < 5	8

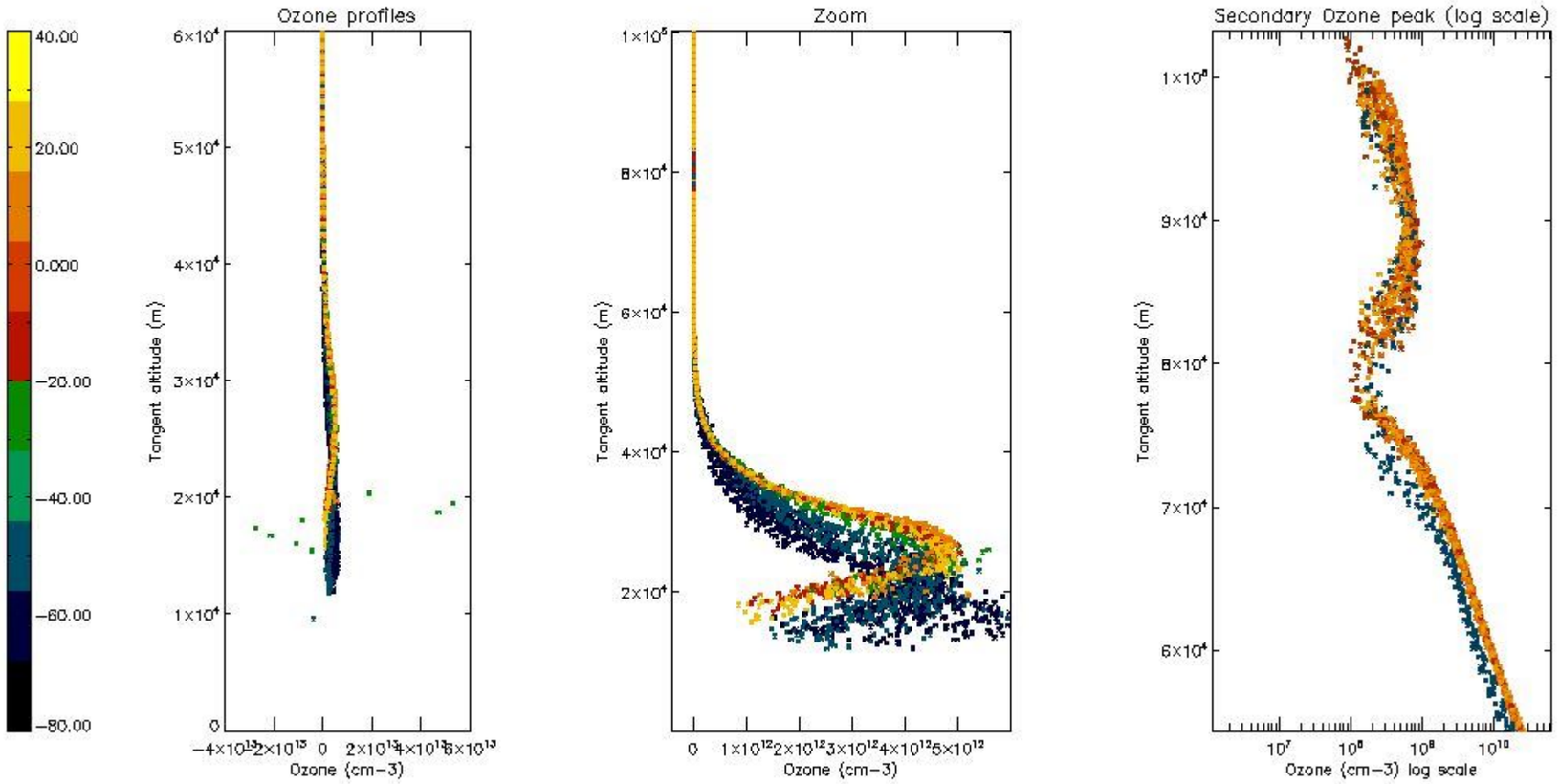
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



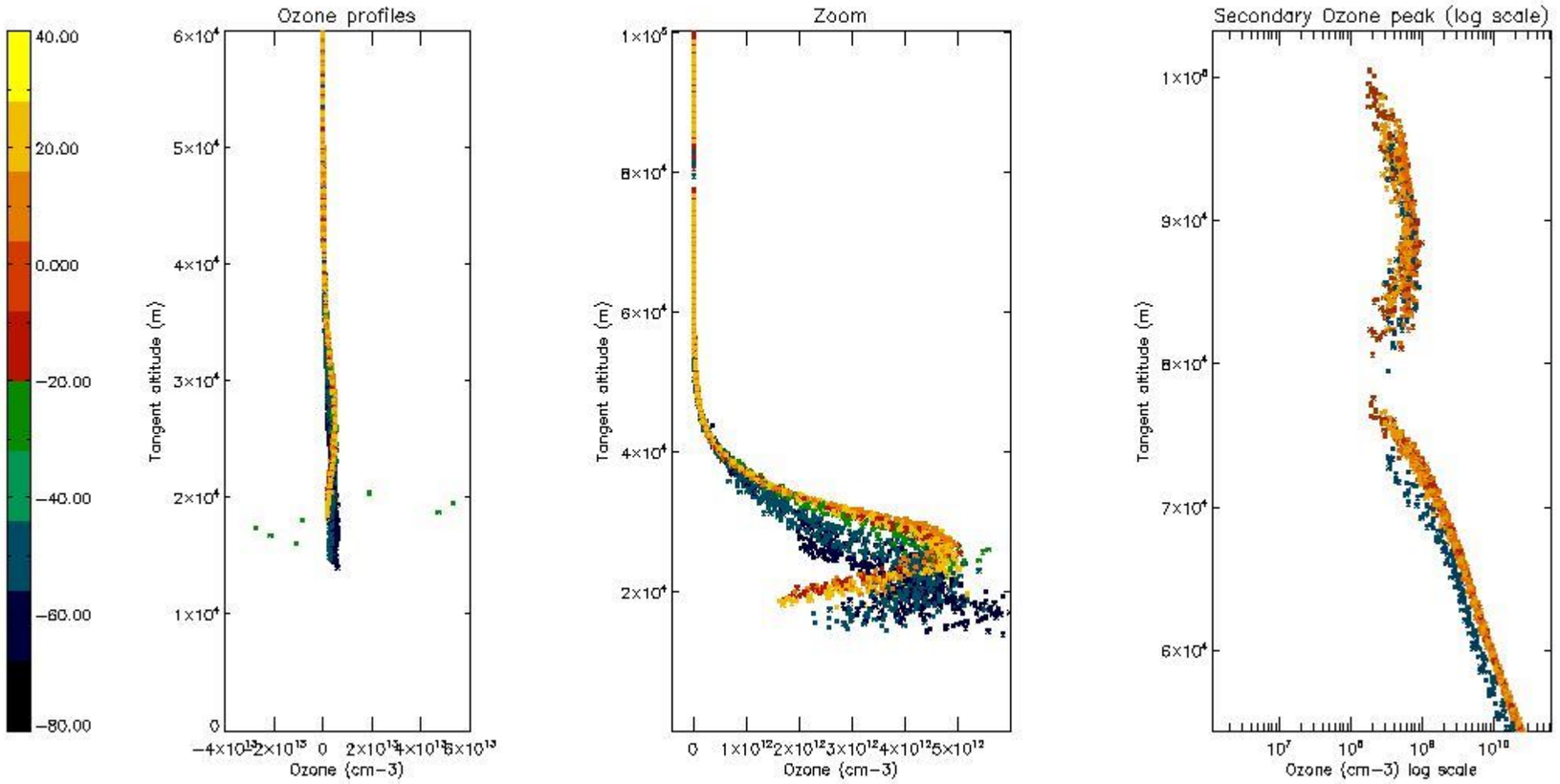
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



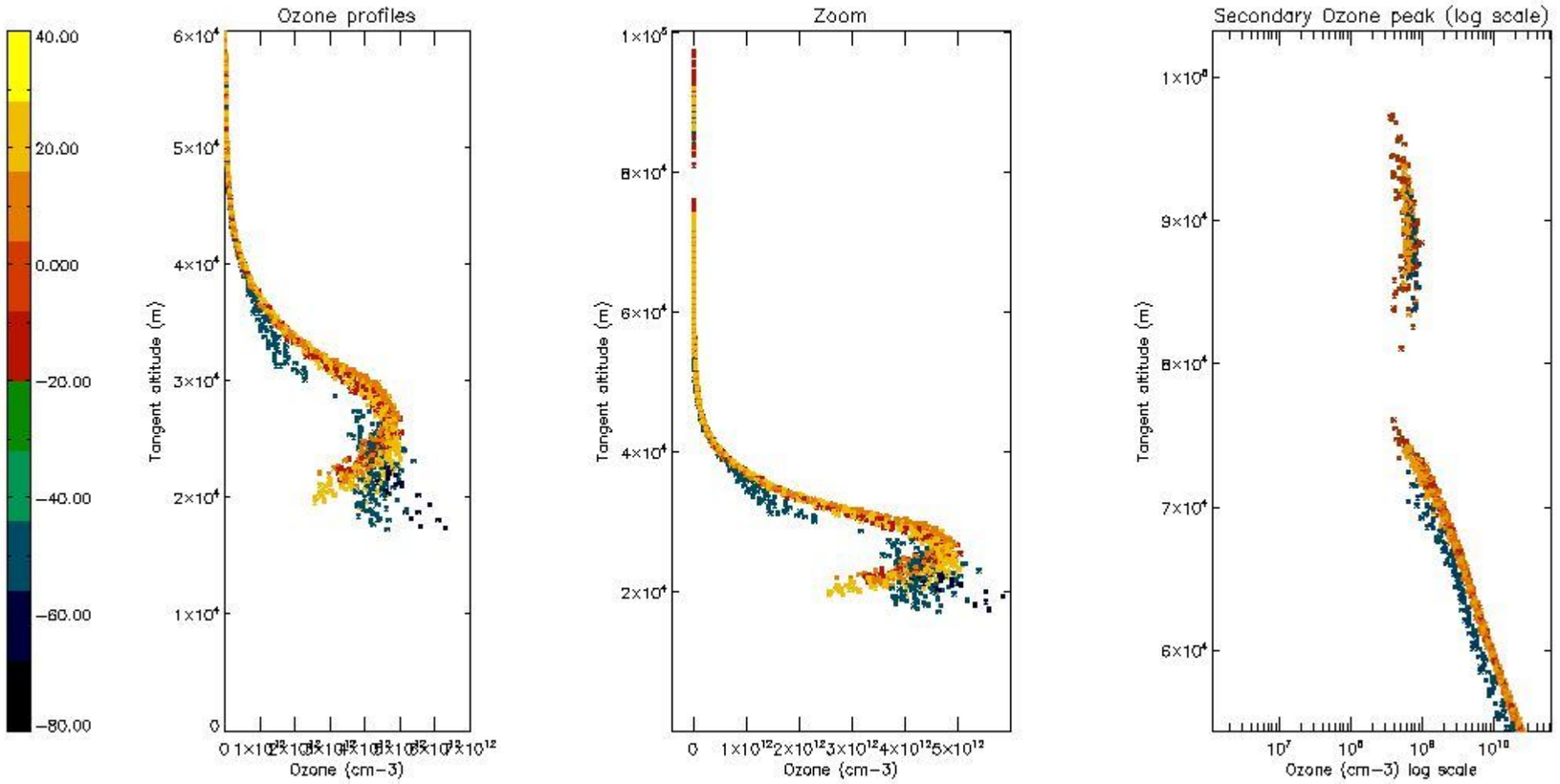
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



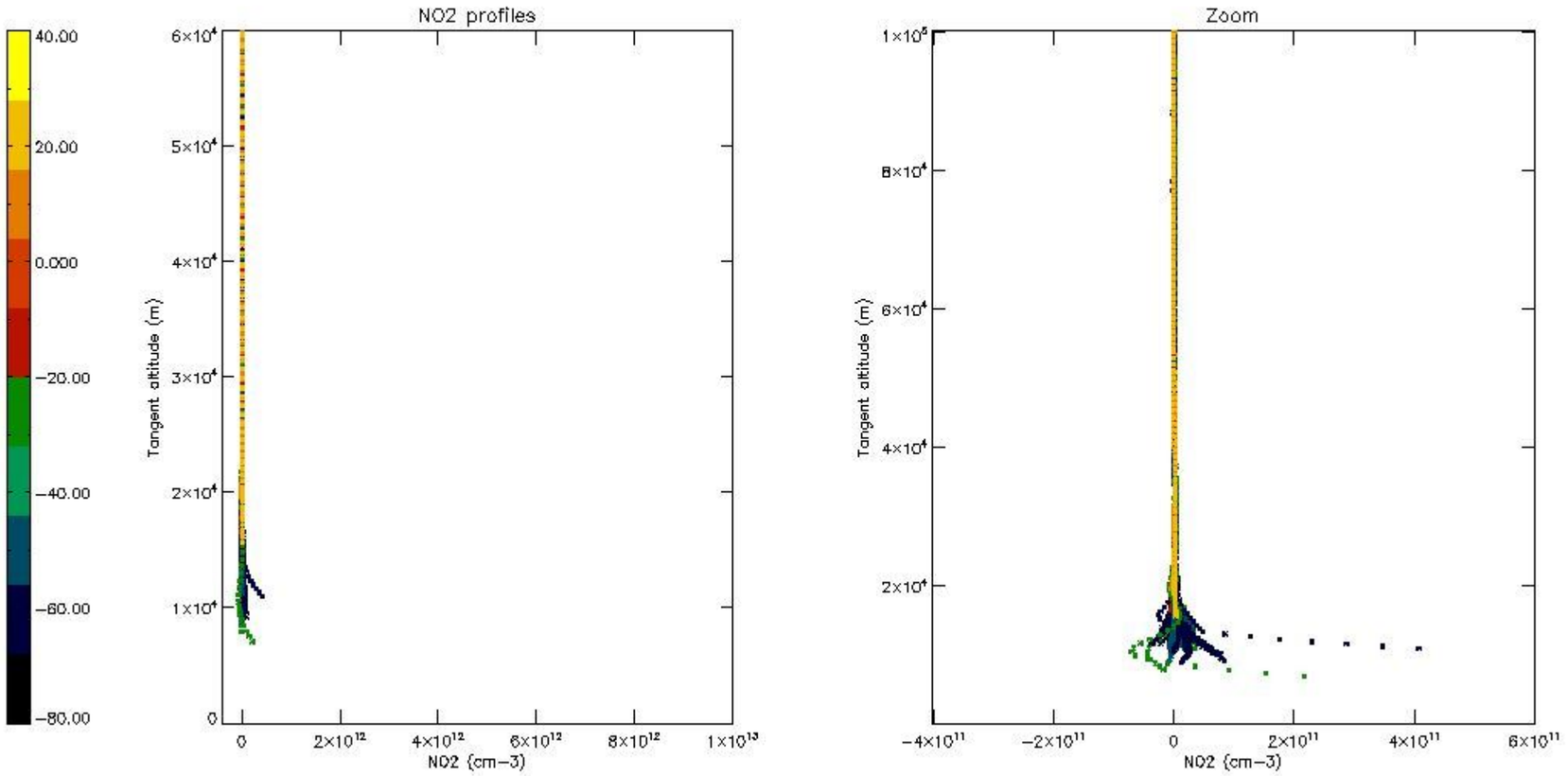
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



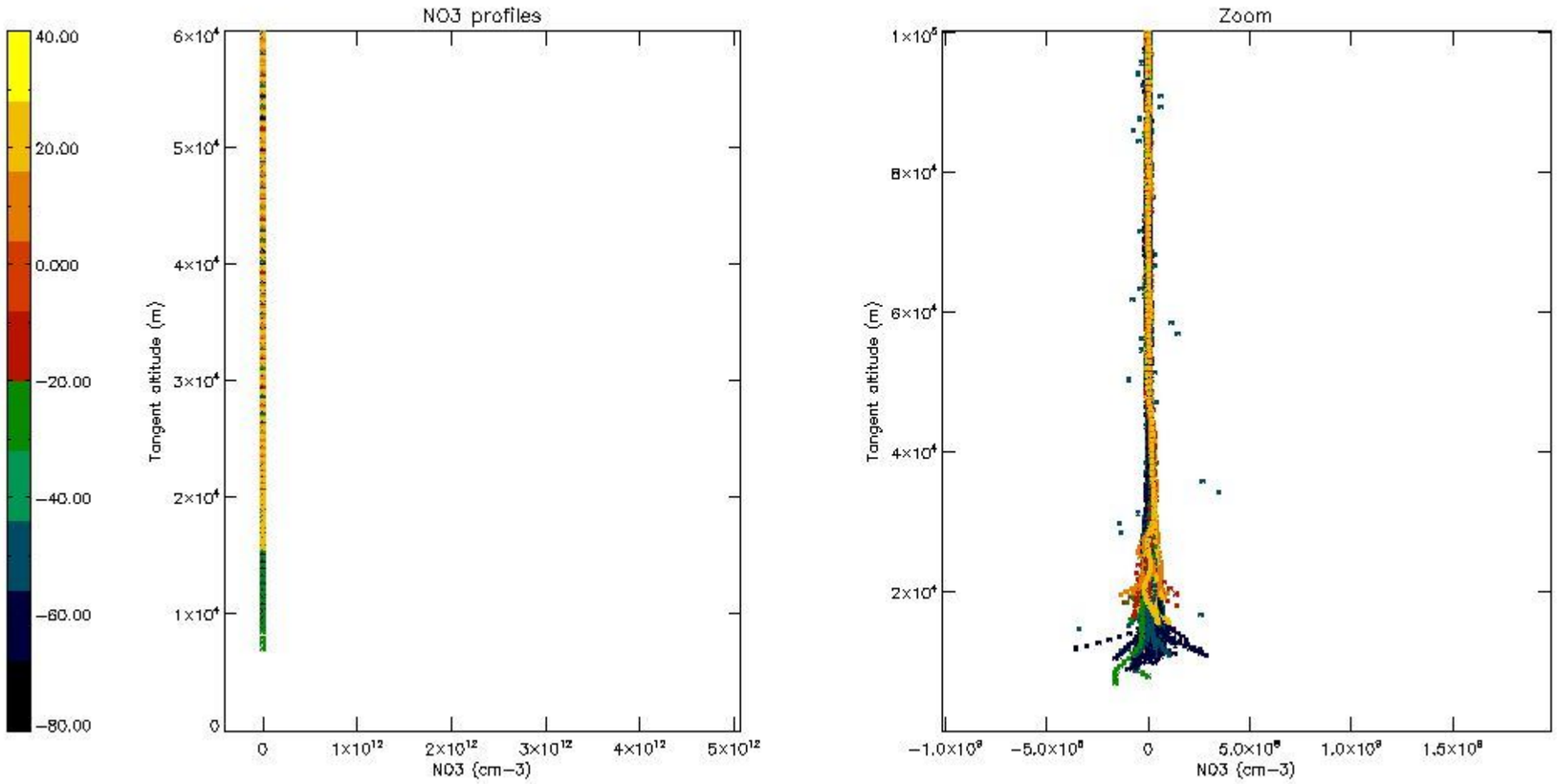
5.6 Plot NO2 profiles for all STD (dark without errors)

The colorbar represents the latitude.



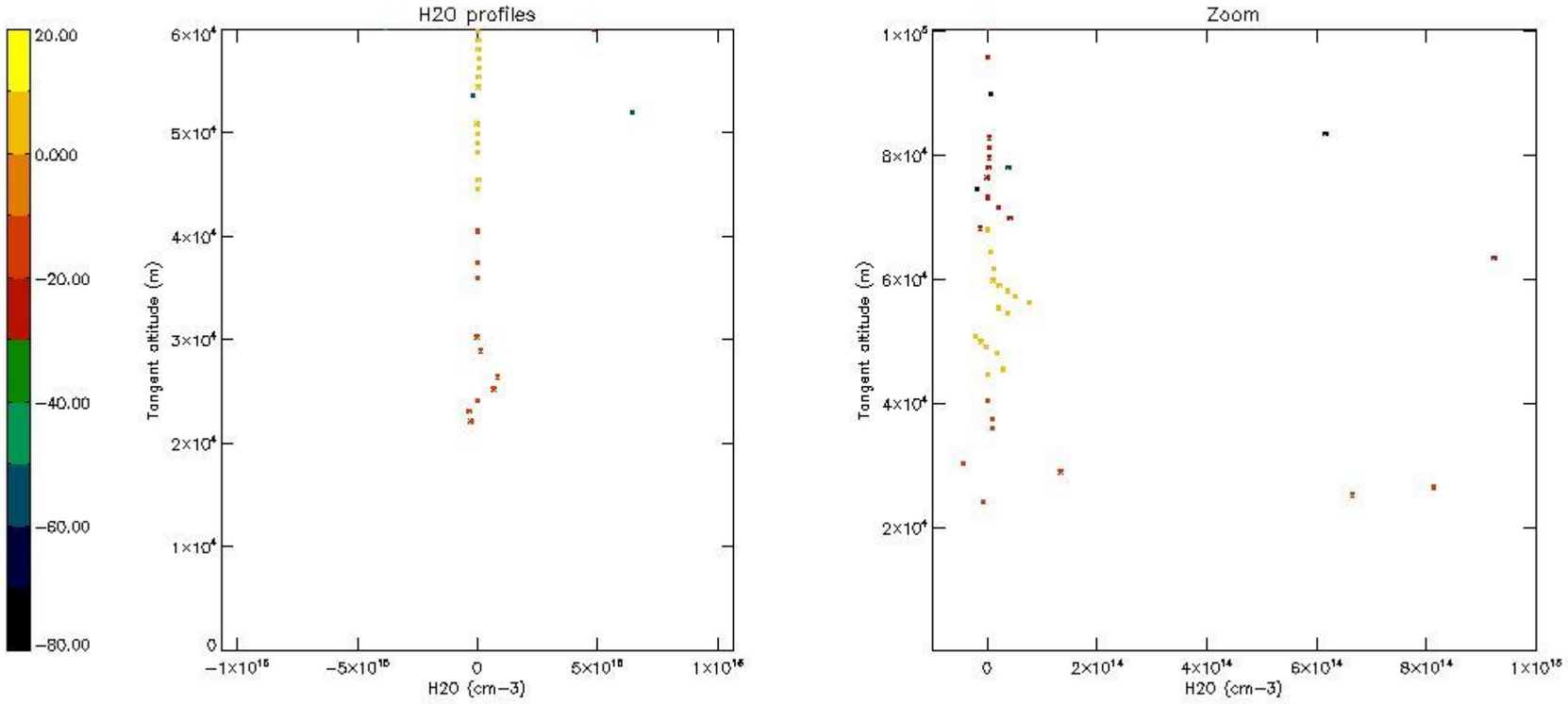
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

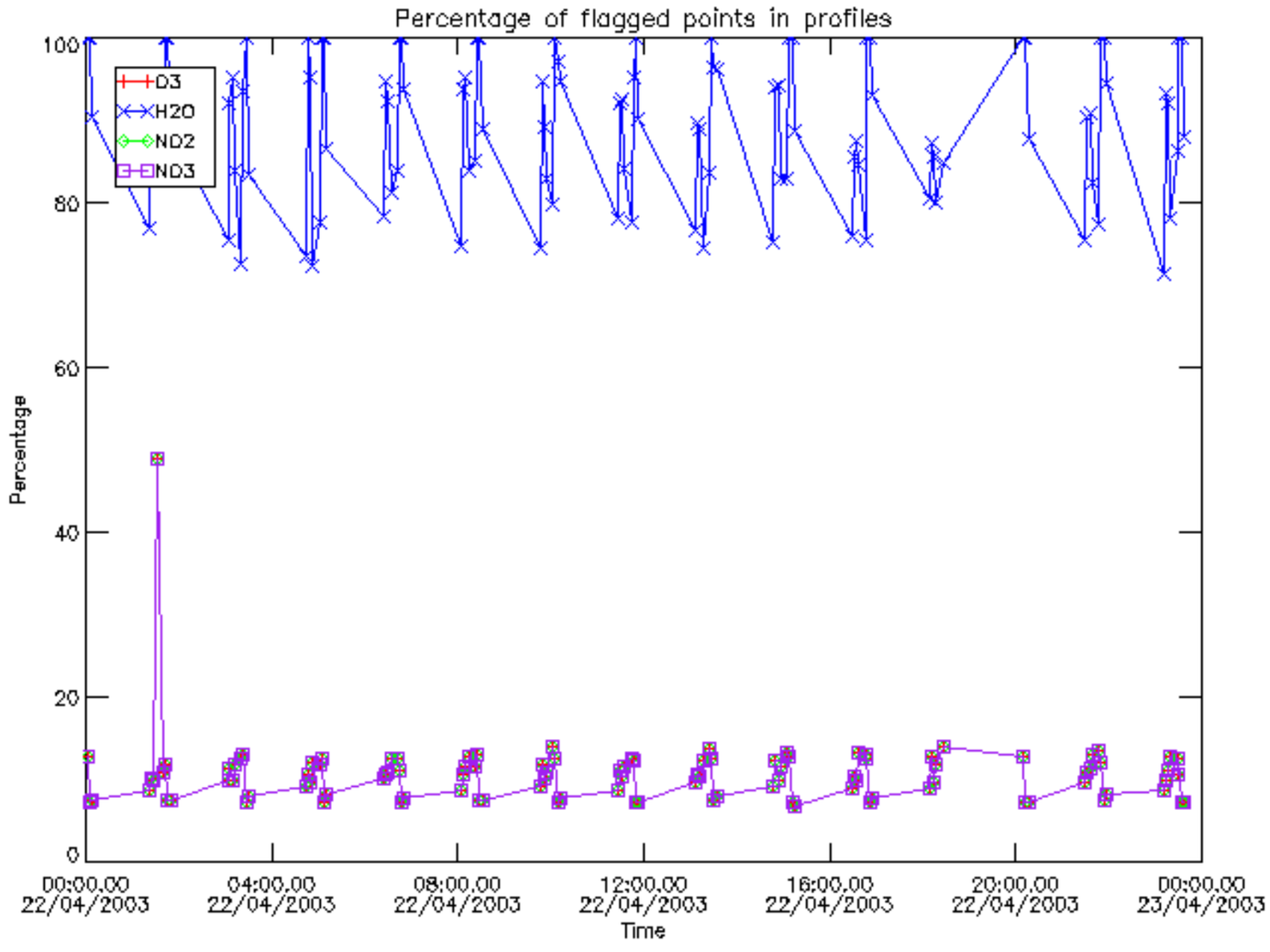
The colorbar represents the latitude.

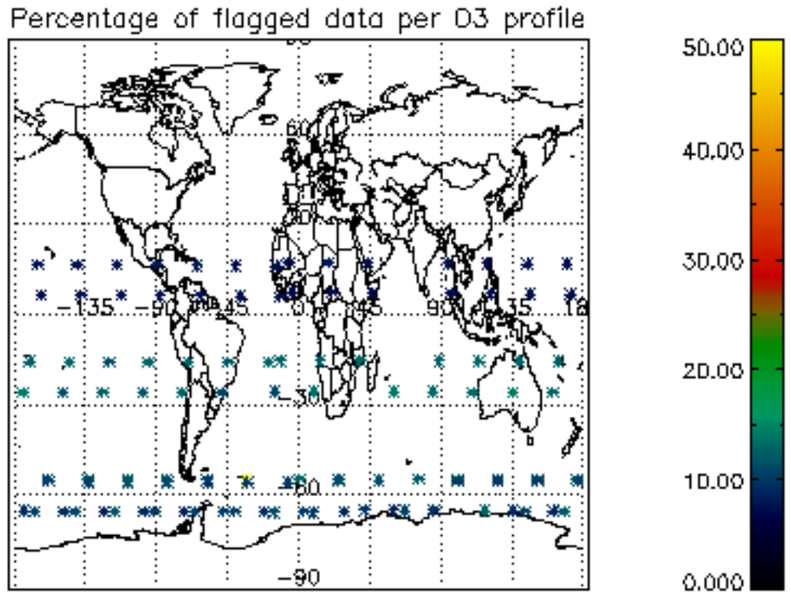


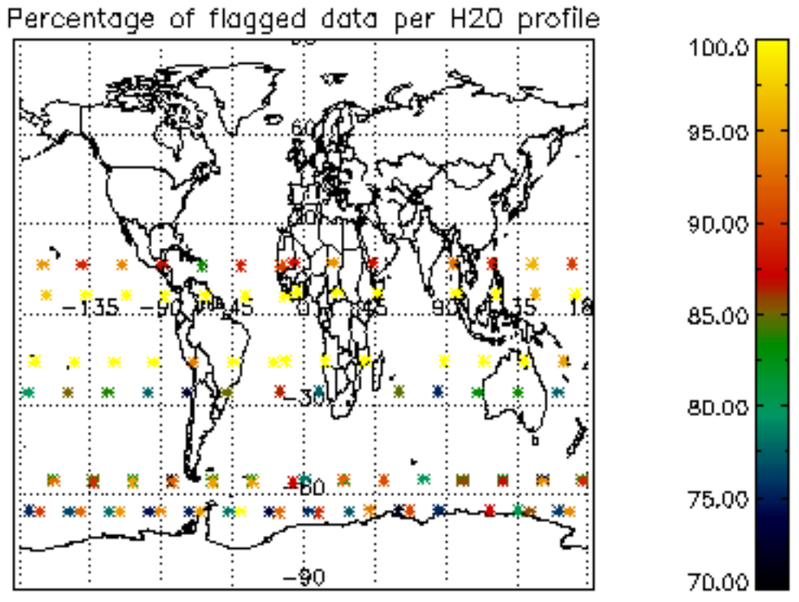
6. Auxiliary Data Files used for the production reported in section 2

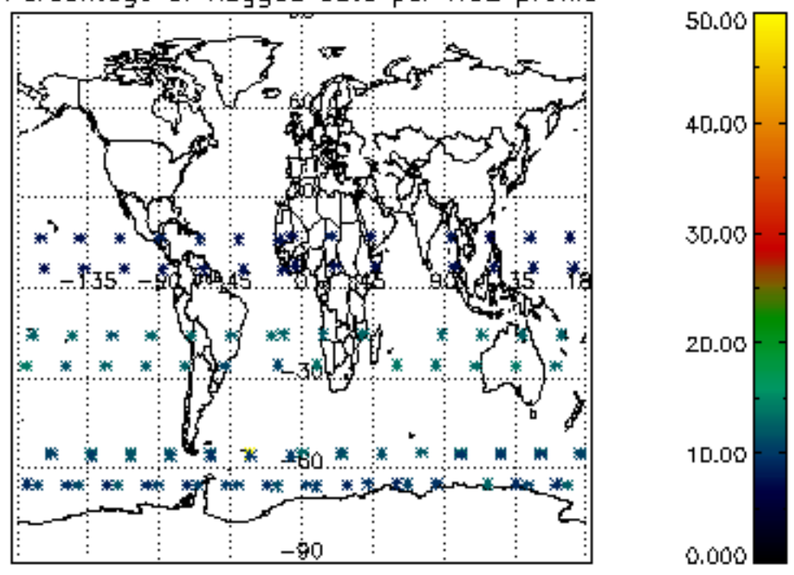
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

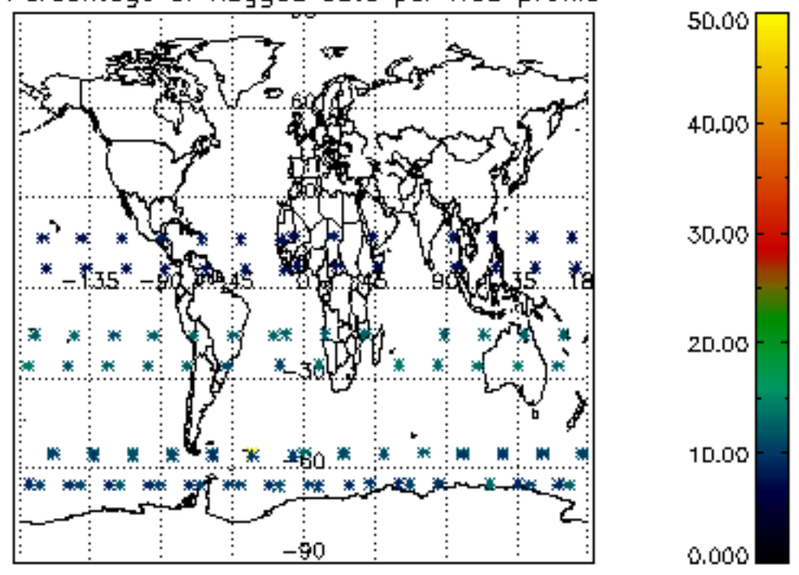
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXNIEC20050627_150440_20020301_000000_20100101_000000	1	22-APR-2003 00:01:56
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	22-APR-2003 00:01:56
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	22-APR-2003 00:01:56

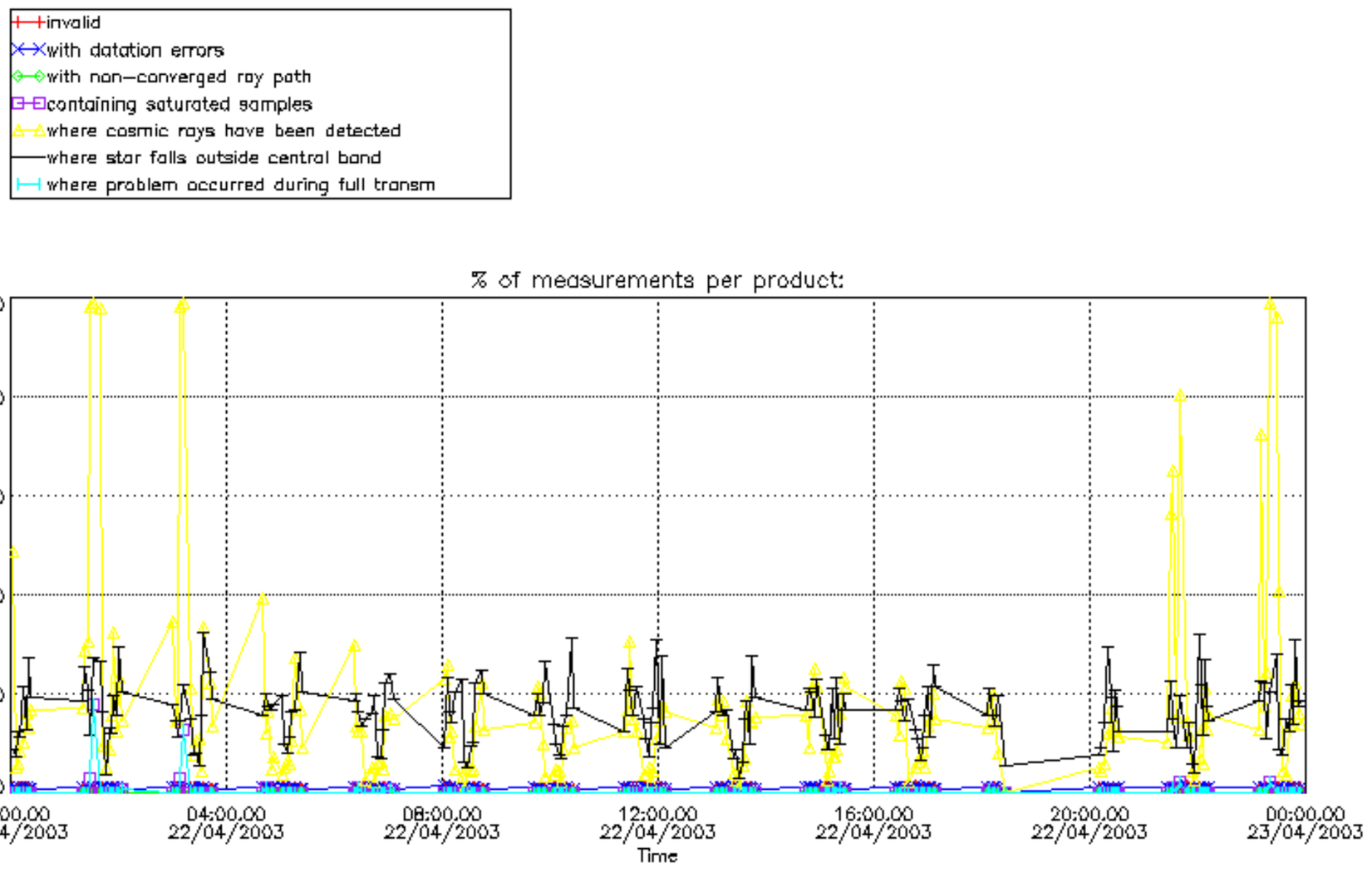

Percentage of flagged points in profiles
O3
H2O
NO2
NO3
100
80
60
40
20
0
Percentage
00:00.00
22/04/2003
04:00.00
22/04/2003
08:00.00
22/04/2003
12:00.00
22/04/2003
16:00.00
22/04/2003
20:00.00
22/04/2003
00:00.00
23/04/2003
Time

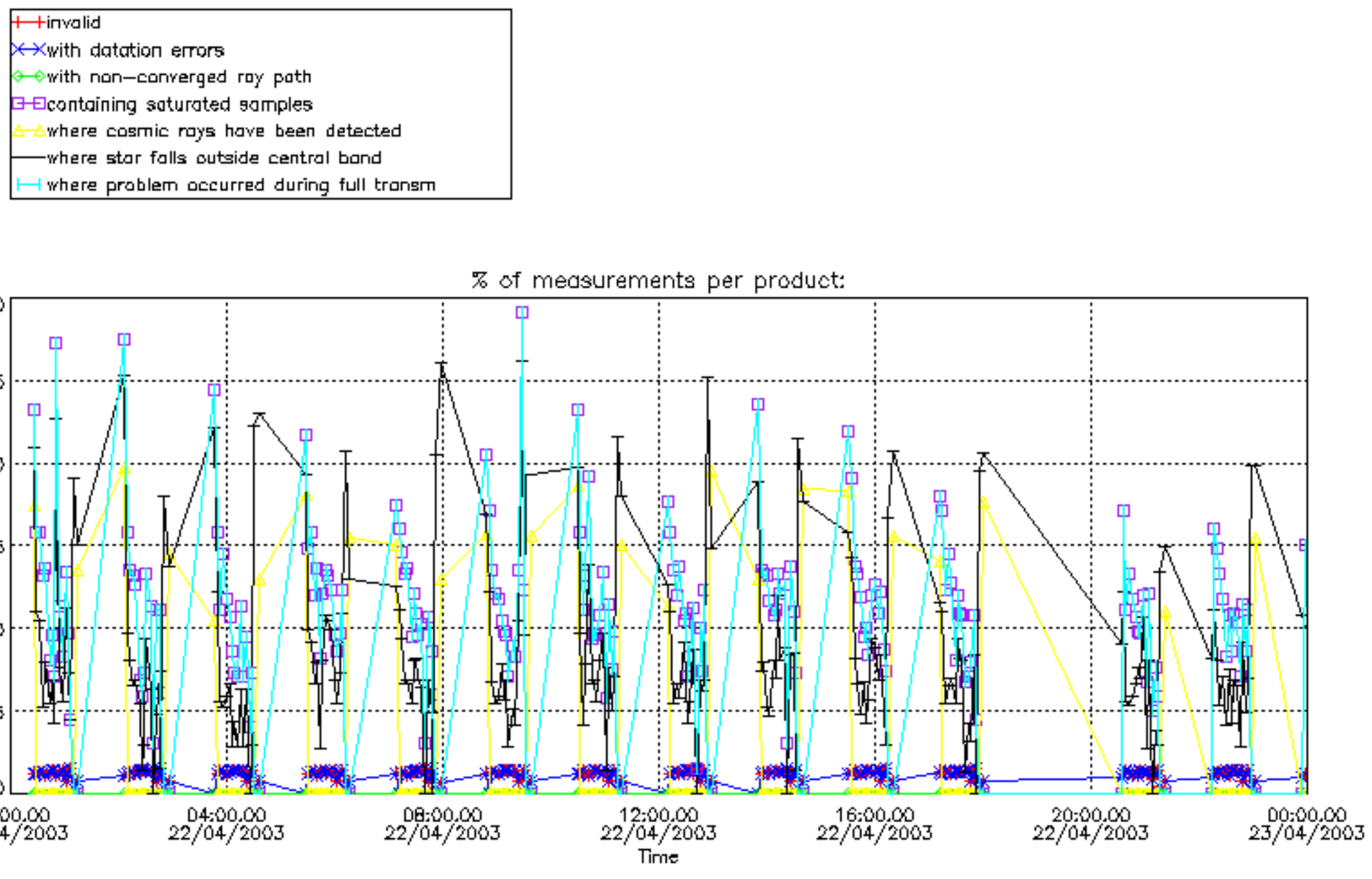

Percentage of flagged data per O3 profile
50.00
40.00
30.00
20.00
10.00
0.000
60
-30
-90

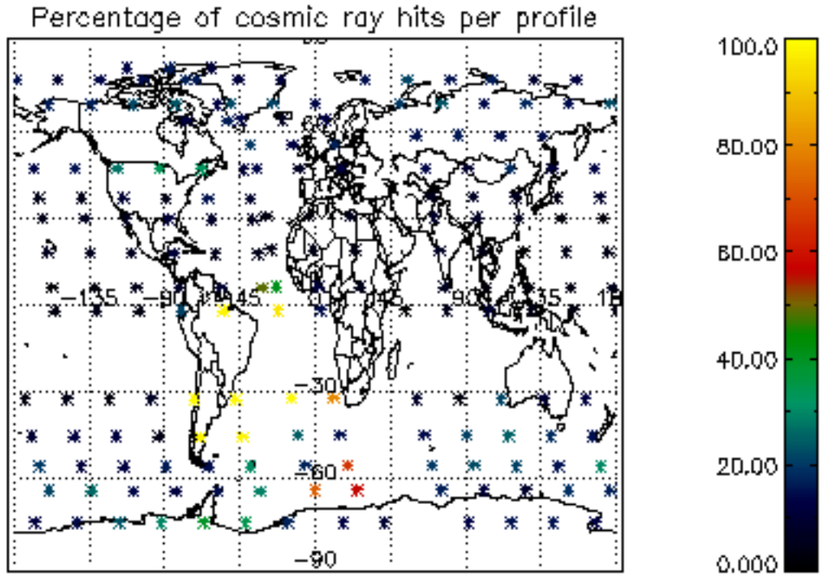

Percentage of flagged data per H2O profile
100.0
95.00
90.00
85.00
80.00
75.00
70.00
60
-30
-90

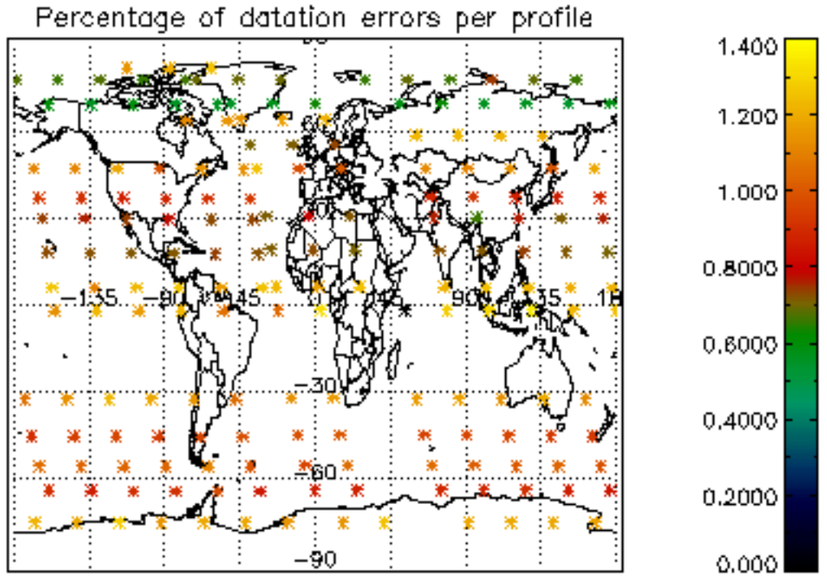

Percentage of flagged data per NO2 profile
50.00
40.00
30.00
20.00
10.00
0.000
60
-30
-90

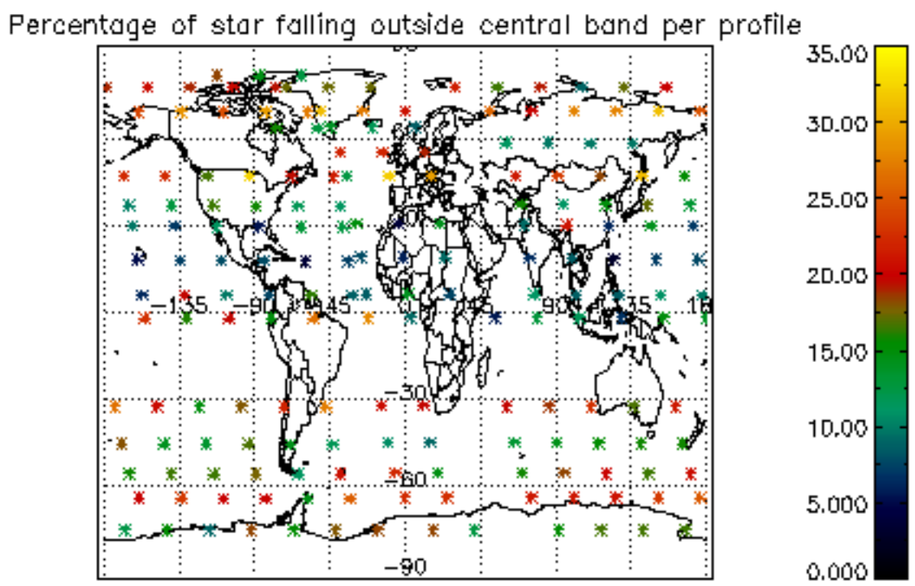

Percentage of flagged data per NO3 profile
50.00
40.00
30.00
20.00
10.00
0.000
60
-30
-90

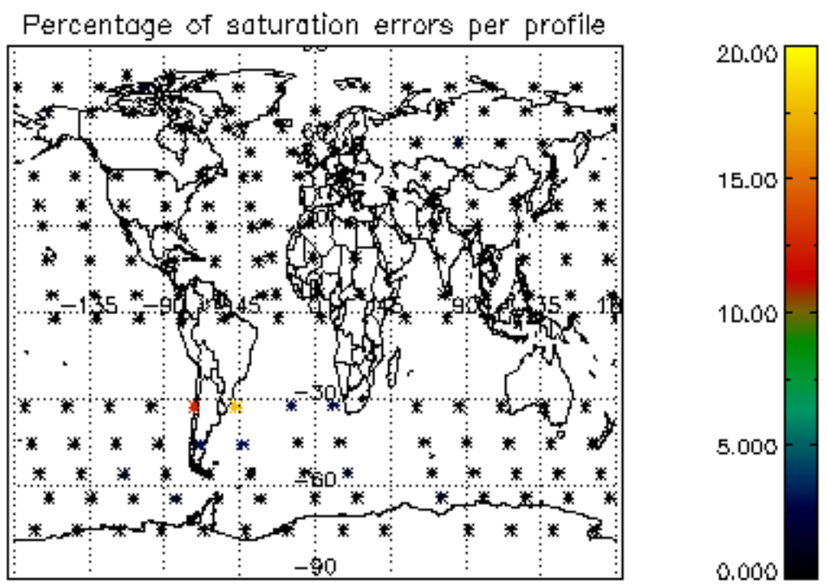

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
100
80
60
40
20
0
value (%)
00:00.00 22/04/2003
04:00.00 22/04/2003
08:00.00 22/04/2003
12:00.00 22/04/2003
16:00.00 22/04/2003
20:00.00 22/04/2003
00:00.00 23/04/2003
Time

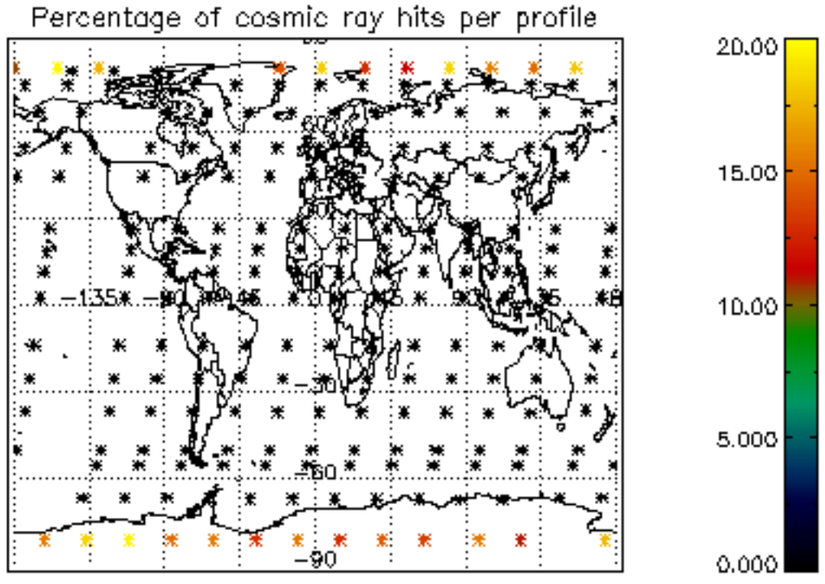

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
value (%)
0
5
10
15
20
25
30
00:00.00 22/04/2003
04:00.00 22/04/2003
08:00.00 22/04/2003
12:00.00 22/04/2003
16:00.00 22/04/2003
20:00.00 22/04/2003
00:00.00 23/04/2003
Time

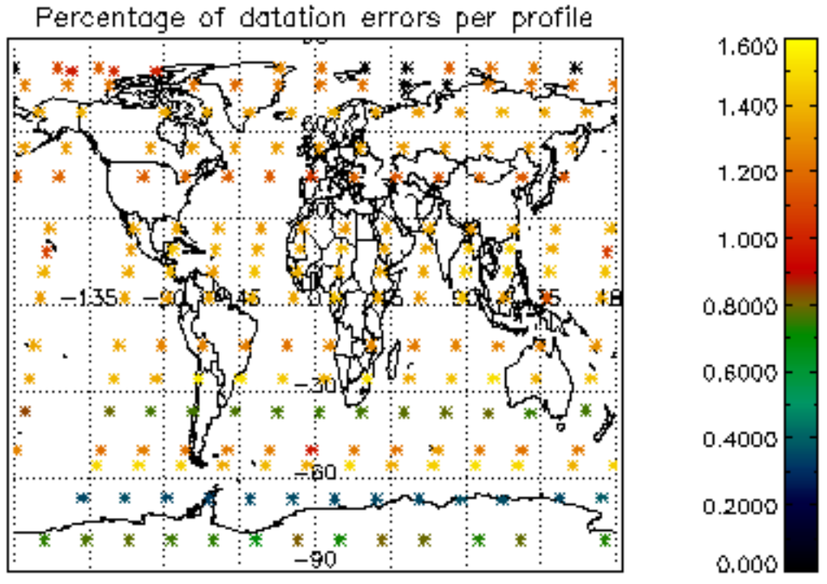

Percentage of cosmic ray hits per profile
100.0
80.00
60.00
40.00
20.00
0.000
−135
−90
45
90
135
−30
−60
−90

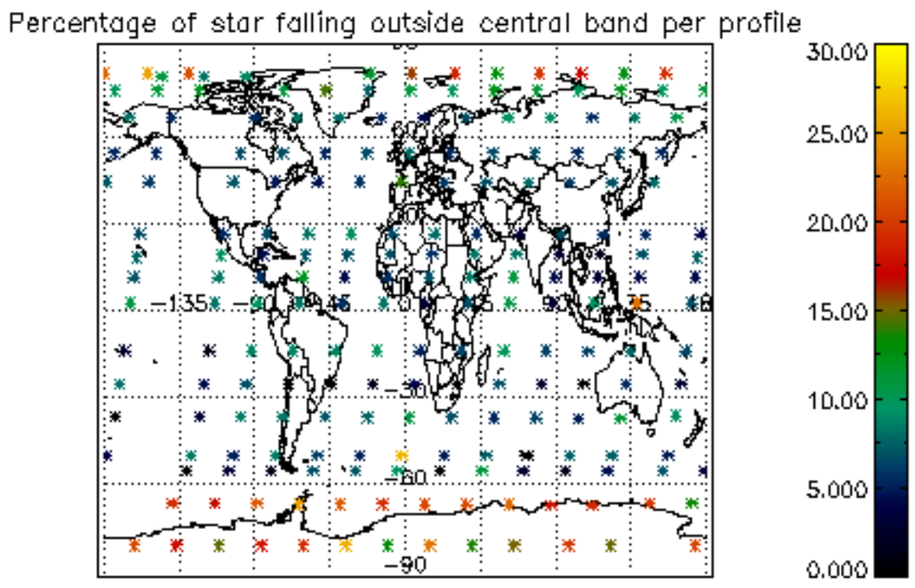

Percentage of datation errors per profile
1.400
1.200
1.000
0.8000
0.6000
0.4000
0.2000
0.000
−135
−90
45
90
135
−30
−60
−90

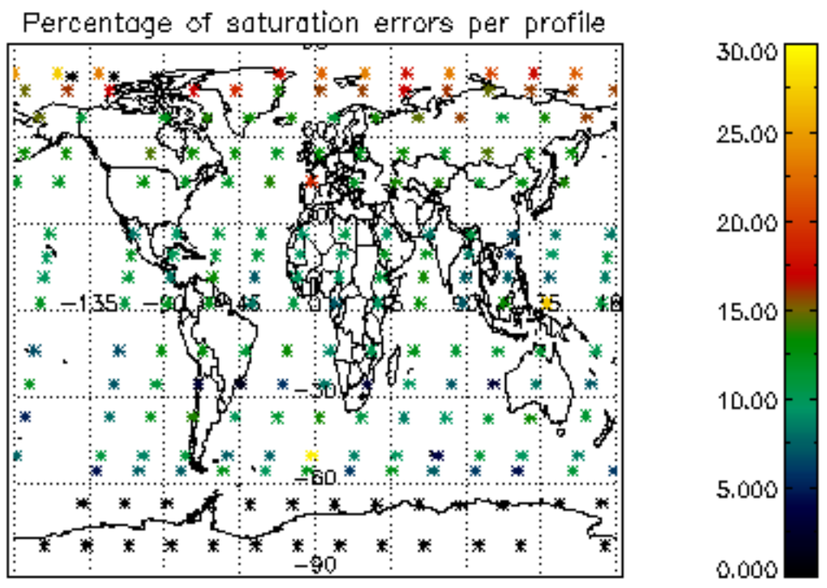

Percentage of star falling outside central band per profile
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
45
90
135
−30
−60
−90

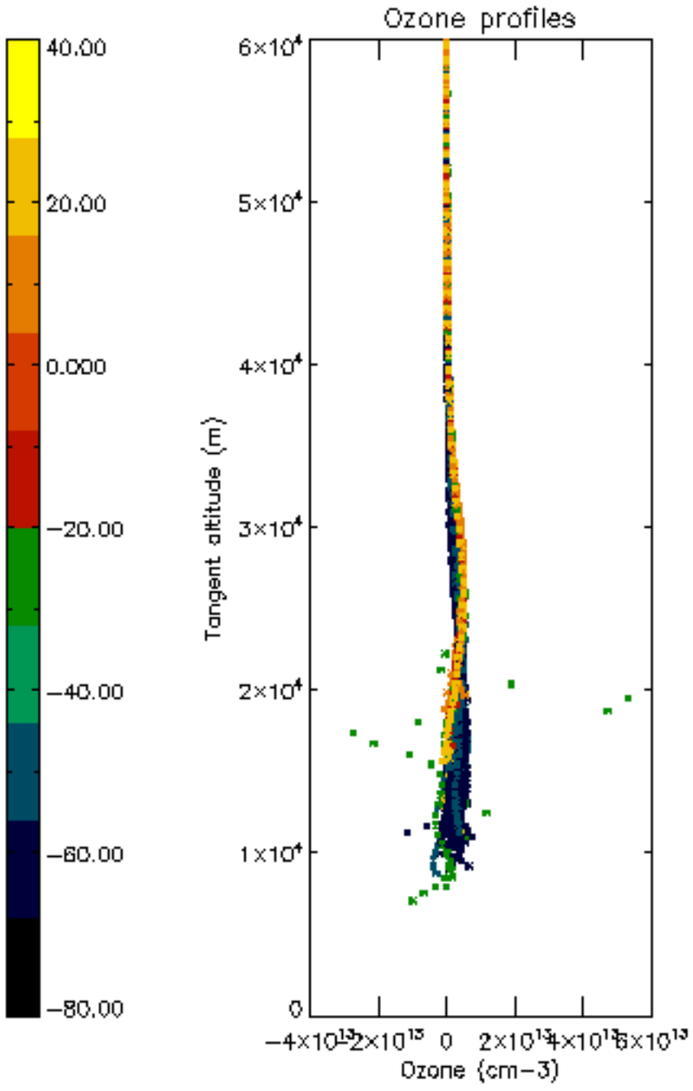

Percentage of saturation errors per profile
20.00
15.00
10.00
5.000
0.000
−135
−90
45
90
135
−30
−60
−90

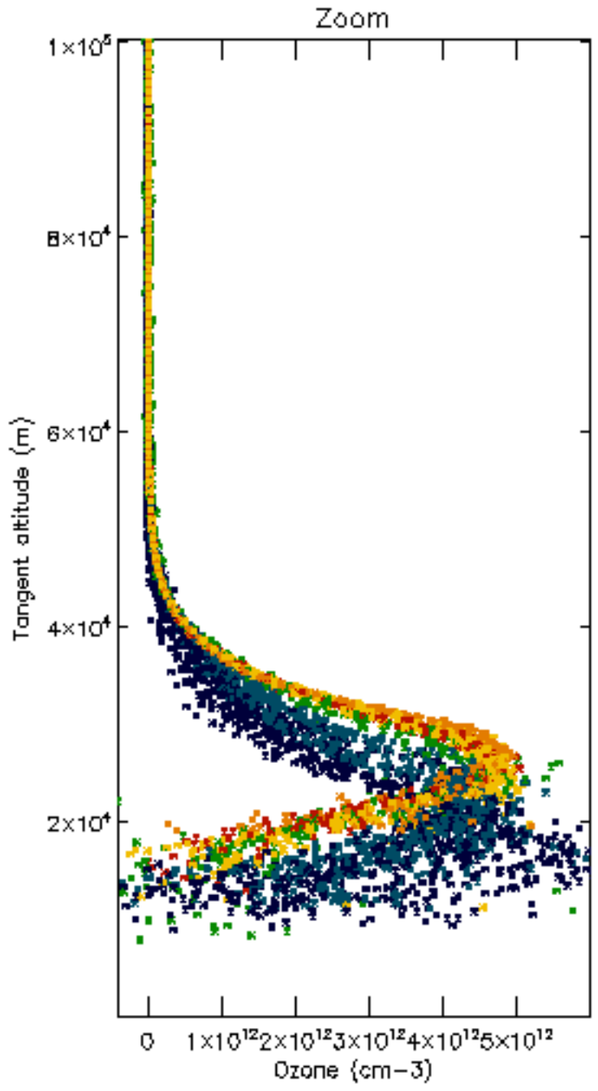

Percentage of cosmic ray hits per profile
20.00
15.00
10.00
5.000
0.000
−135
−90
−30
−60
−90

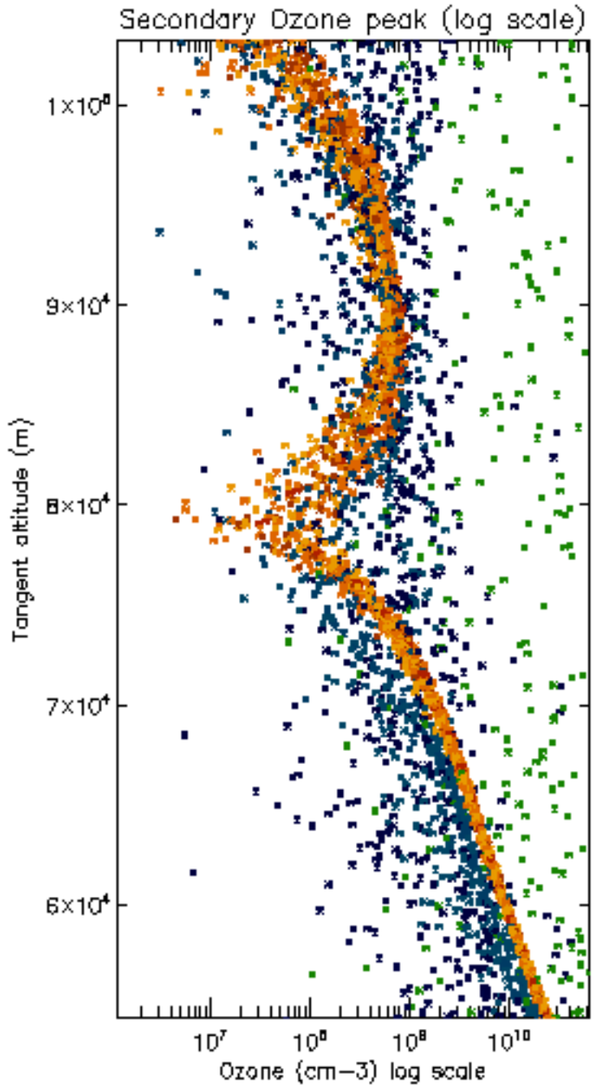

Percentage of datation errors per profile
1.600
1.400
1.200
1.000
0.8000
0.6000
0.4000
0.2000
0.000
−135
−90
−30
−60
−90

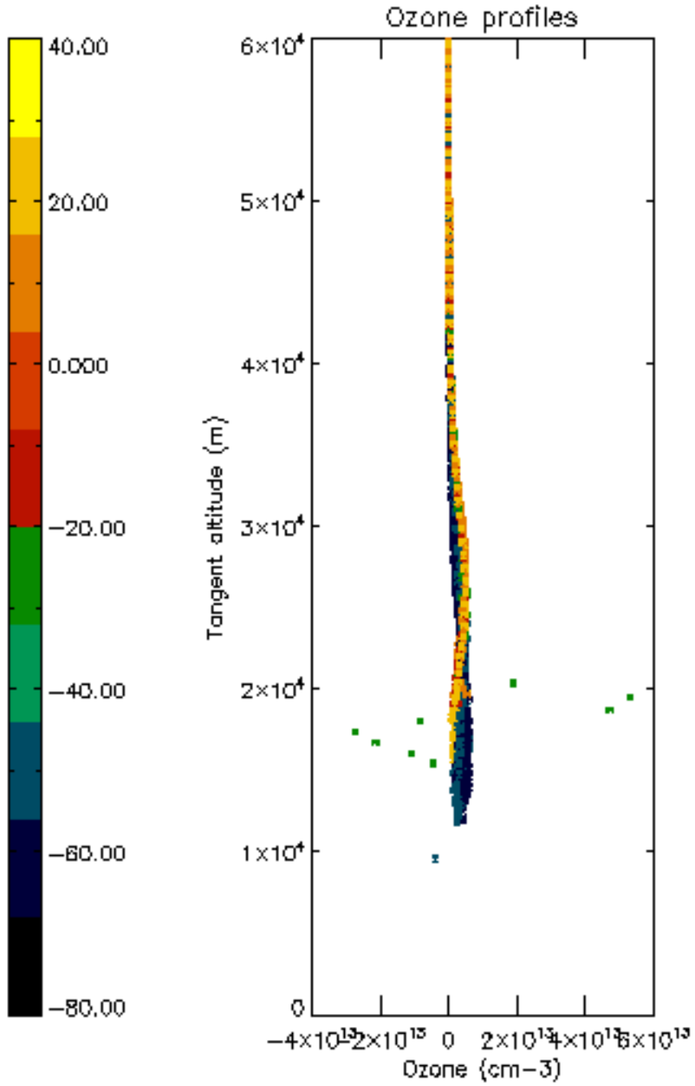

Percentage of star falling outside central band per profile
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−30
−60
−90

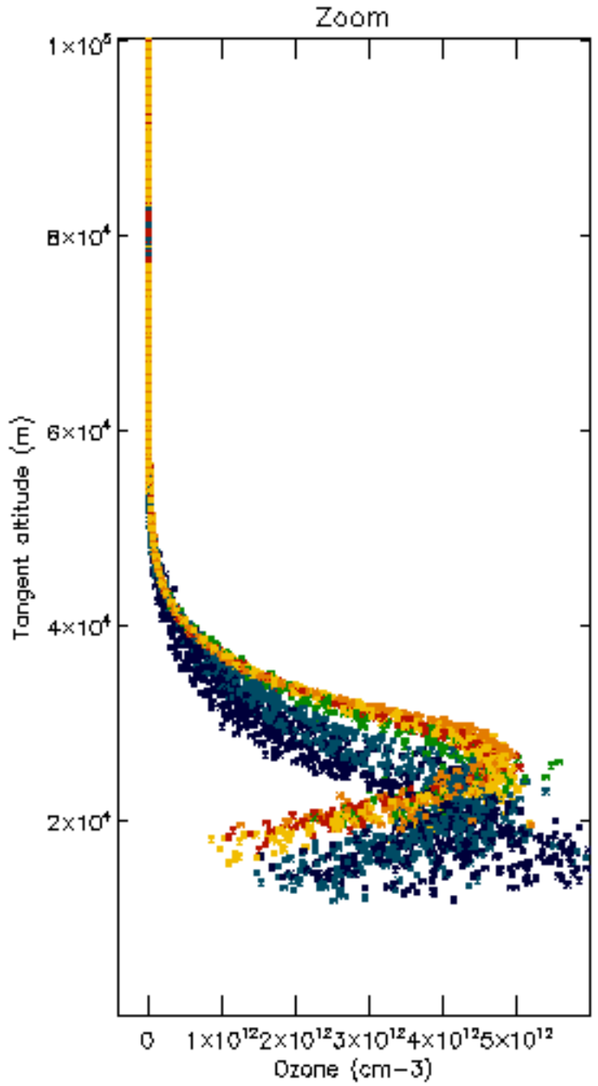

Percentage of saturation errors per profile
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−30
−60
−90

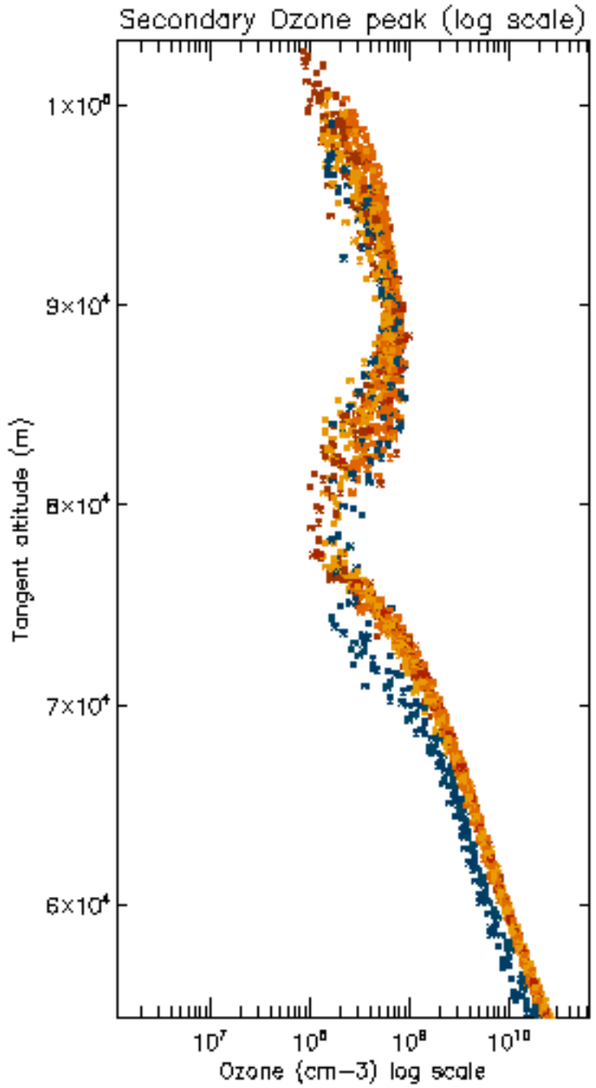

Ozone profiles
40.00
20.00
0.000
−20.00
−40.00
−60.00
−80.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
−4×10¹³ −2×10¹³ 0 2×10¹³ 4×10¹³ 6×10¹³
Ozone (cm−3)

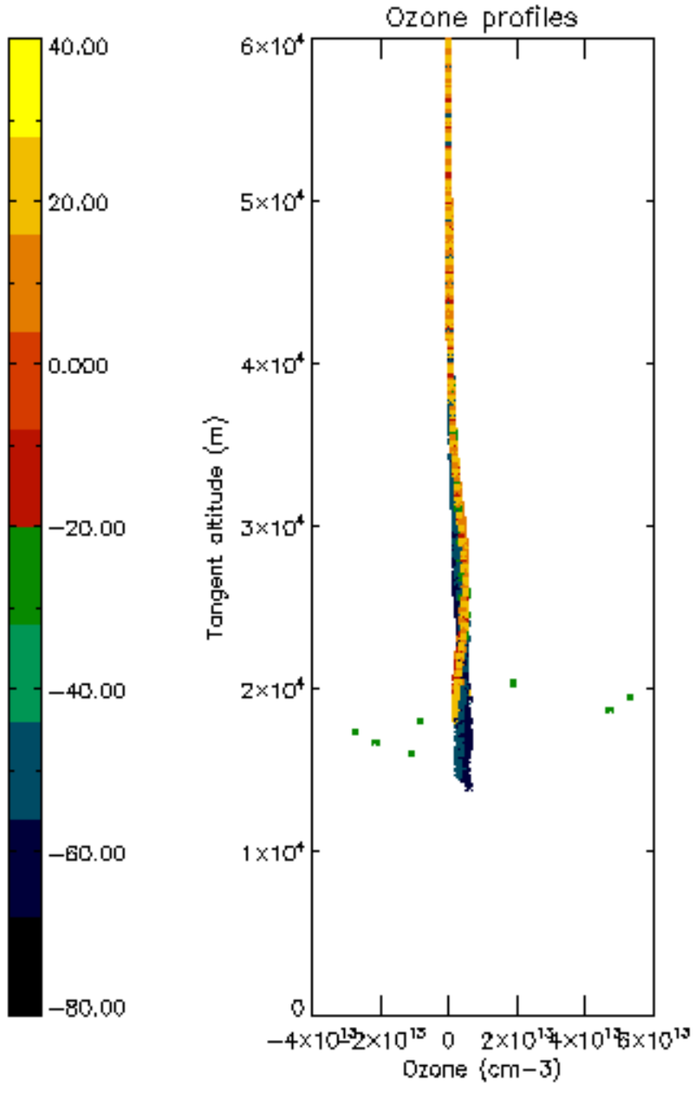

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0 1×10¹² 2×10¹² 3×10¹² 4×10¹² 5×10¹²
Ozone (cm−3)

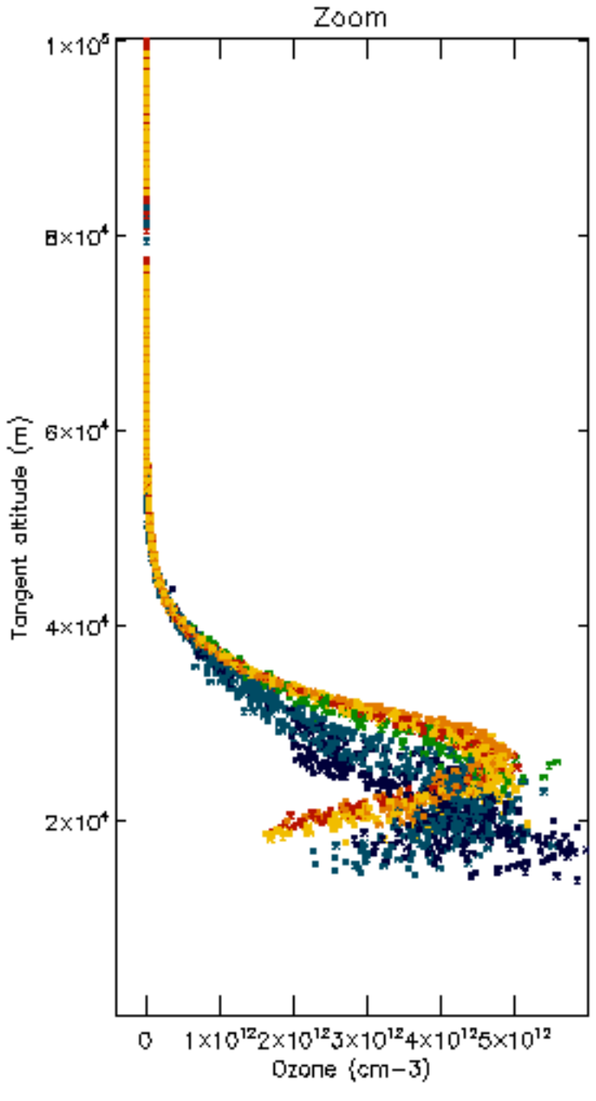

Secondary Ozone peak (log scale)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
Tangent altitude (m)
10⁷ 10⁸ 10⁸ 10¹⁰
Ozone (cm−3) log scale

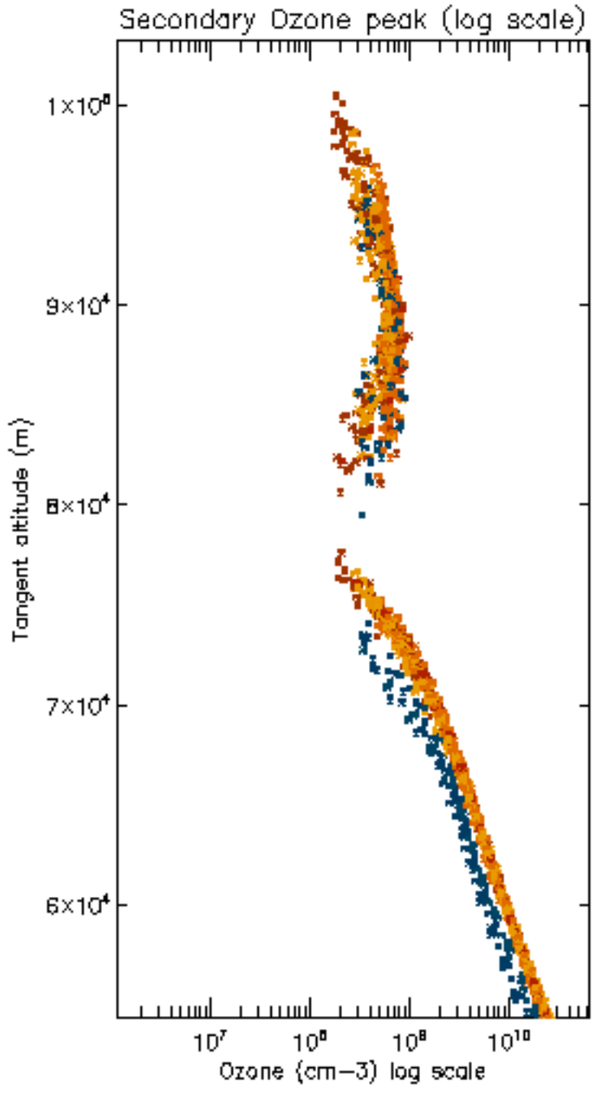

Ozone profiles
40.00
20.00
0.000
−20.00
−40.00
−60.00
−80.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
−4×10¹³ −2×10¹³ 0 2×10¹³ 4×10¹³ 6×10¹³
Ozone (cm−3)

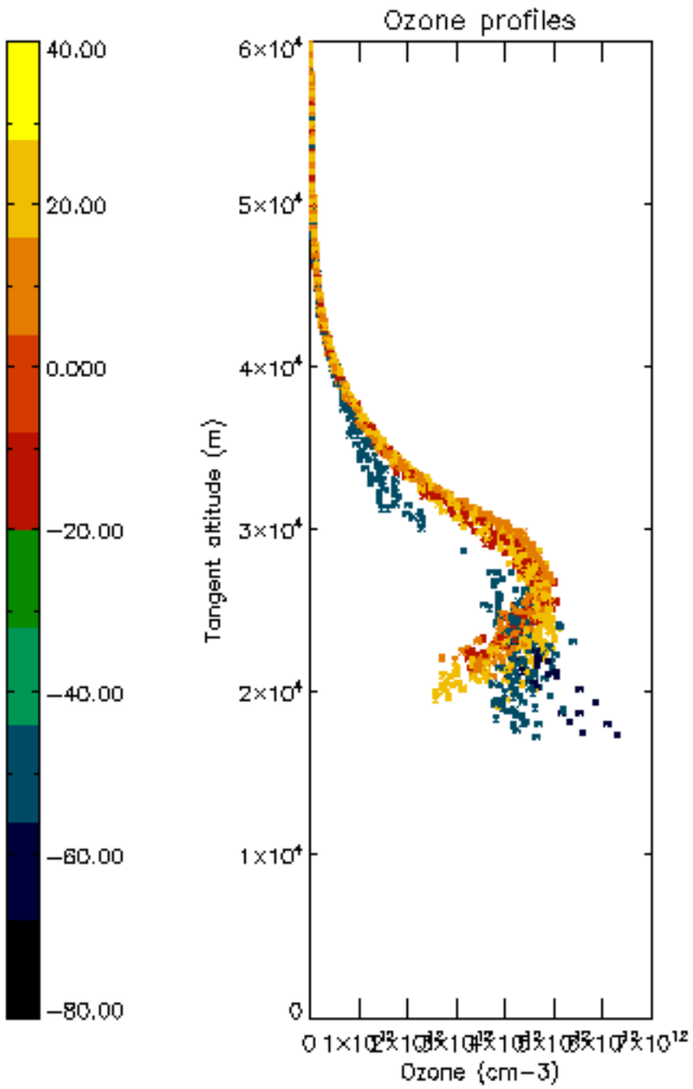

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0 1×10¹² 2×10¹² 3×10¹² 4×10¹² 5×10¹²
Ozone (cm−3)

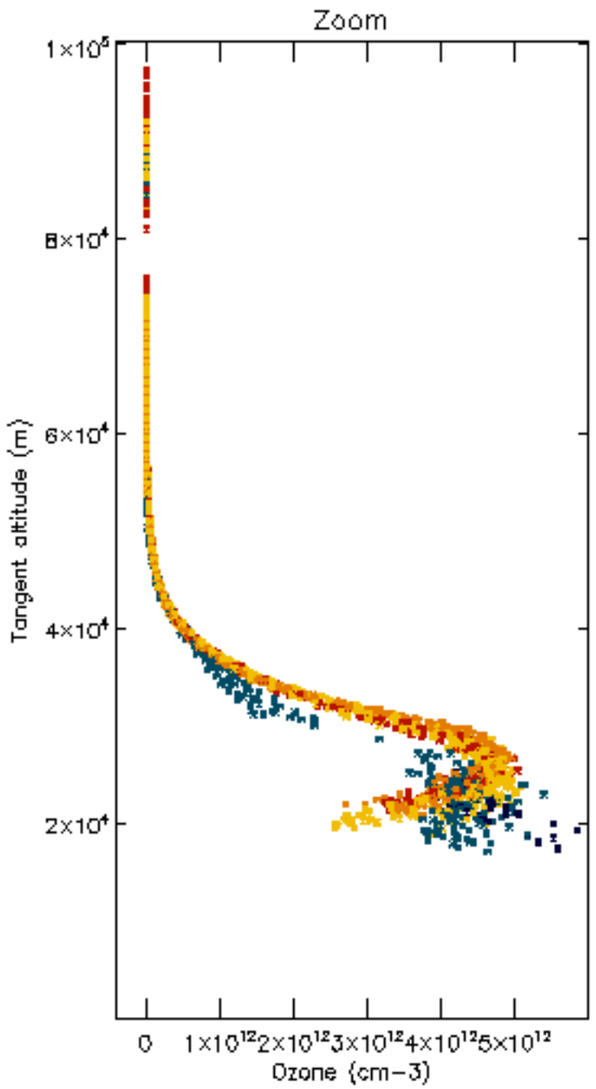

Secondary Ozone peak (log scale)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
Tangent altitude (m)
10⁷ 10⁸ 10⁹ 10¹⁰
Ozone (cm−3) log scale

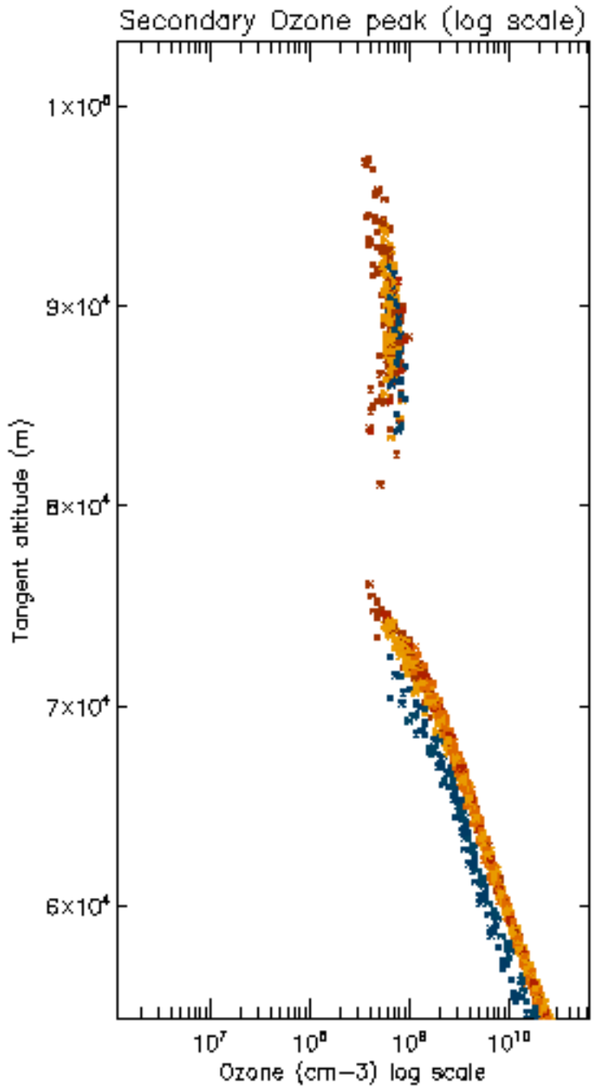

Ozone profiles
40.00
20.00
0.000
−20.00
−40.00
−60.00
−80.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
−4×10¹³ −2×10¹⁵ 0 2×10¹³ 4×10¹³ 6×10¹³
Ozone (cm−3)

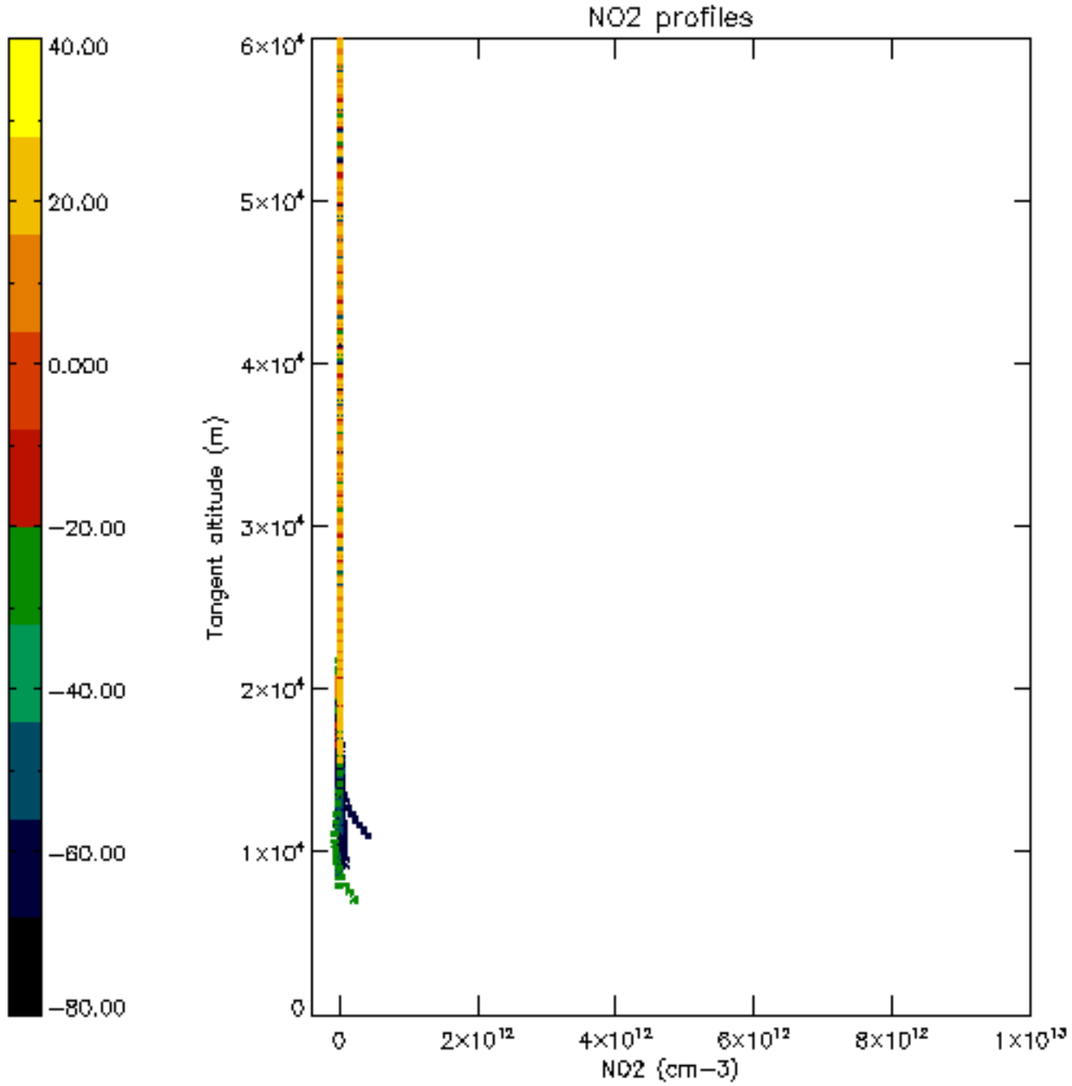

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0 1×10¹² 2×10¹² 3×10¹² 4×10¹² 5×10¹²
Ozone (cm−3)

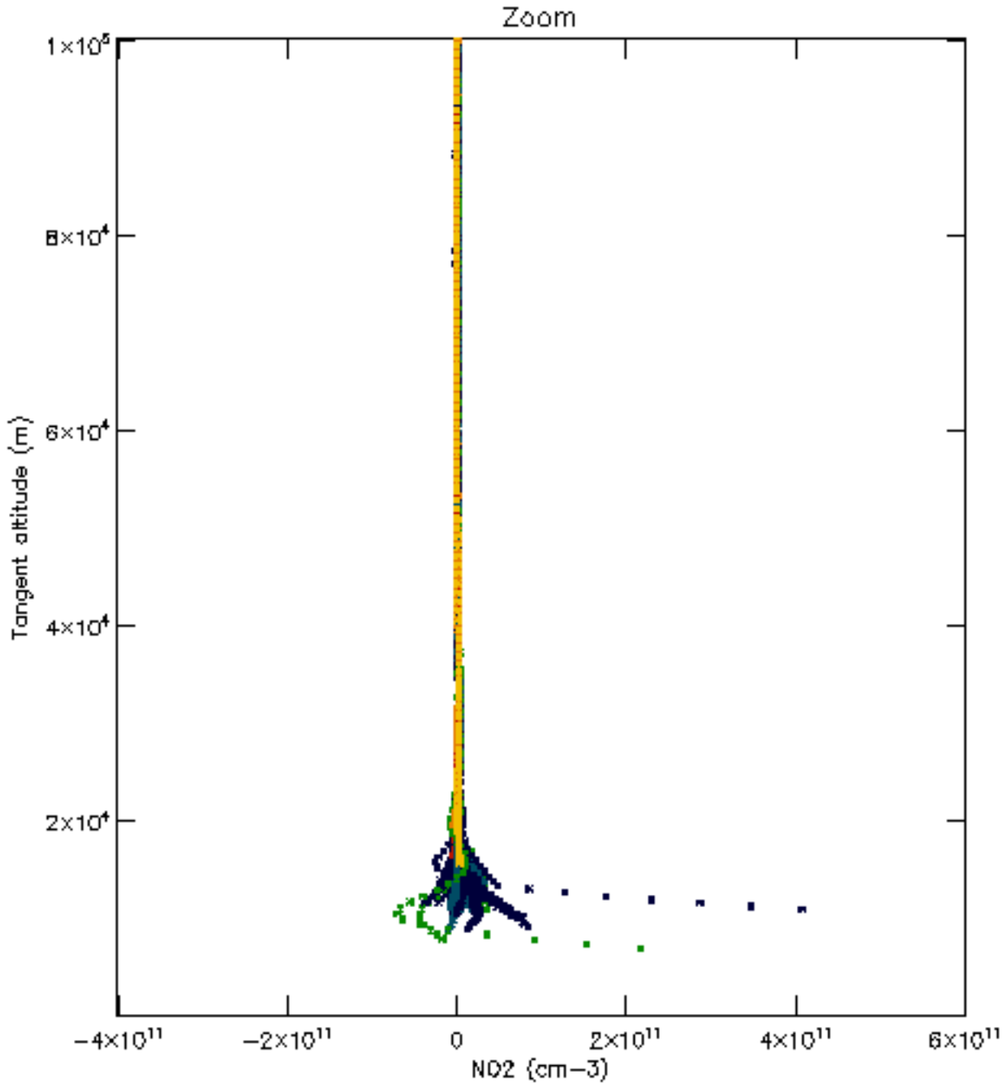

Secondary Ozone peak (log scale)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
Tangent altitude (m)
10⁷ 10⁸ 10⁹ 10¹⁰
Ozone (cm−3) log scale

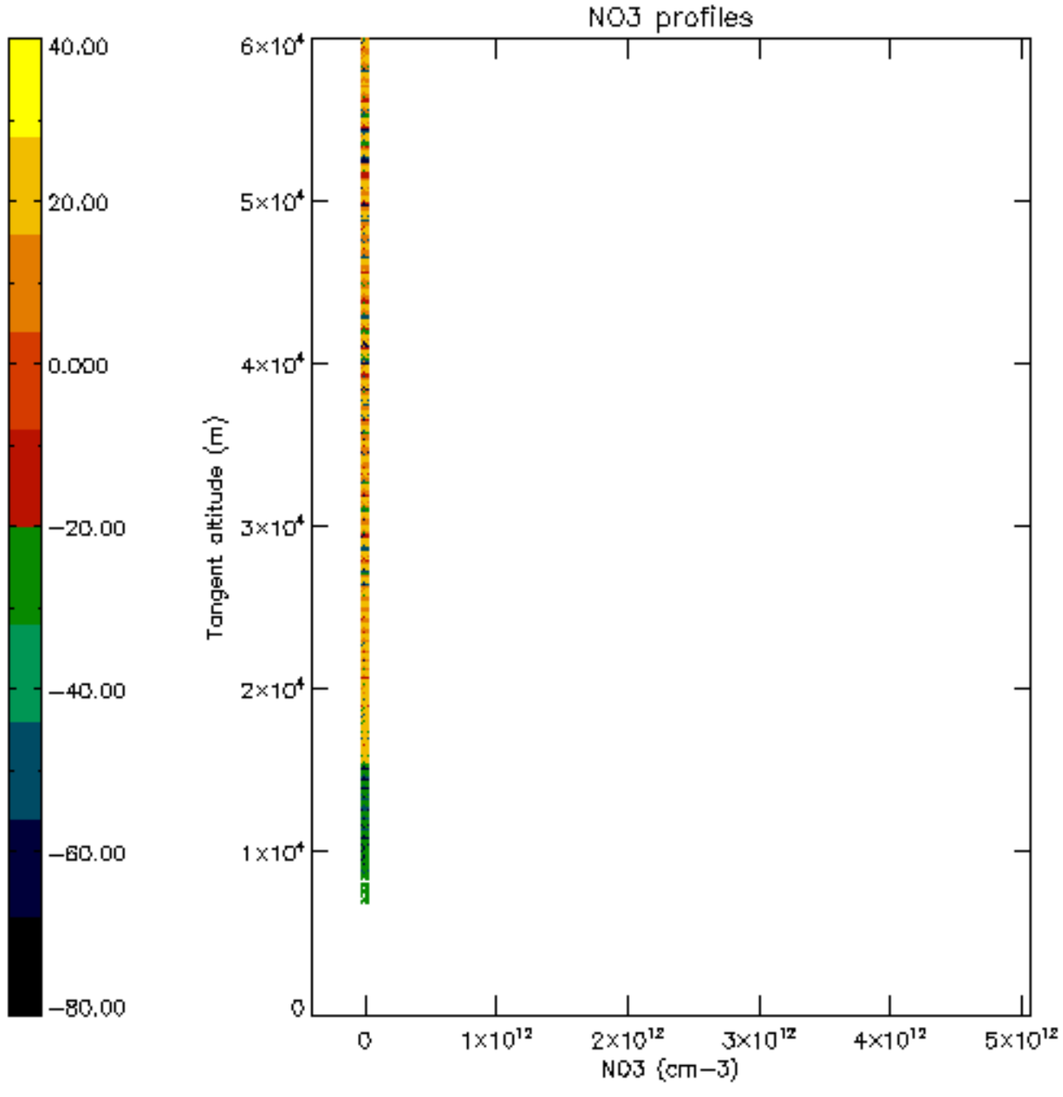

40.00
20.00
0.000
−20.00
−40.00
−60.00
−80.00
Ozone profiles
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
0 1×10¹² 2×10¹² 3×10¹² 4×10¹² 5×10¹² 6×10¹² 7×10¹²
Ozone (cm−3)

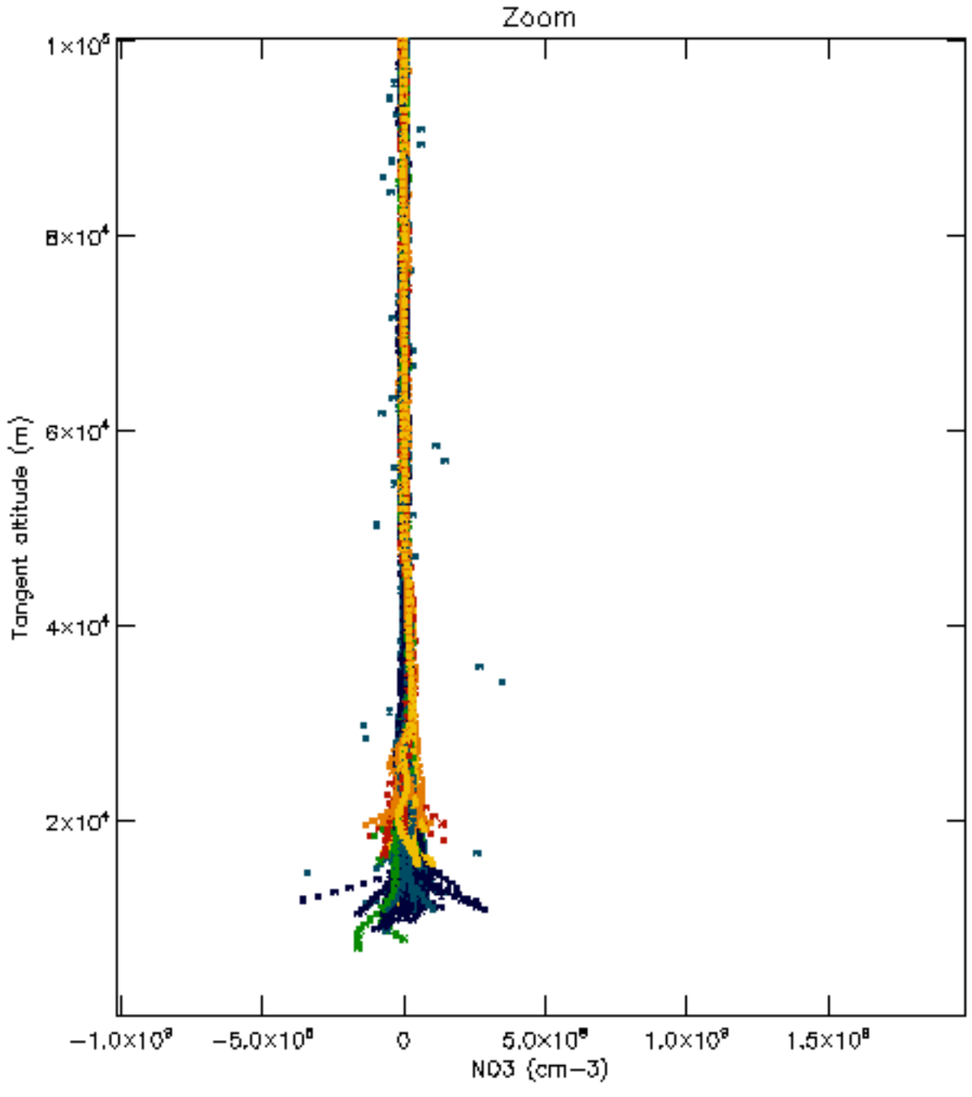

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0 1×10¹² 2×10¹² 3×10¹² 4×10¹² 5×10¹²
Ozone (cm−3)

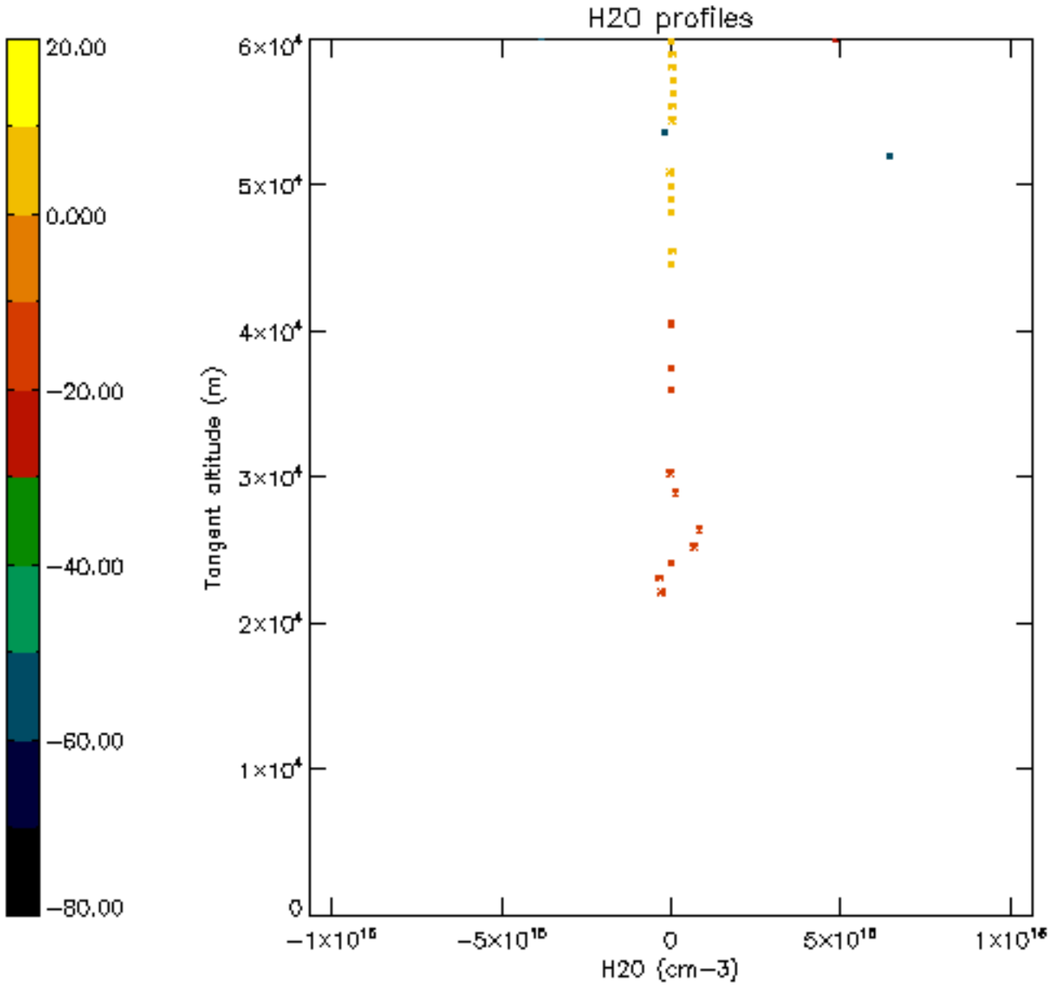

Secondary Ozone peak (log scale)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
Tangent altitude (m)
10⁷ 10⁸ 10⁹ 10¹⁰
Ozone (cm−3) log scale

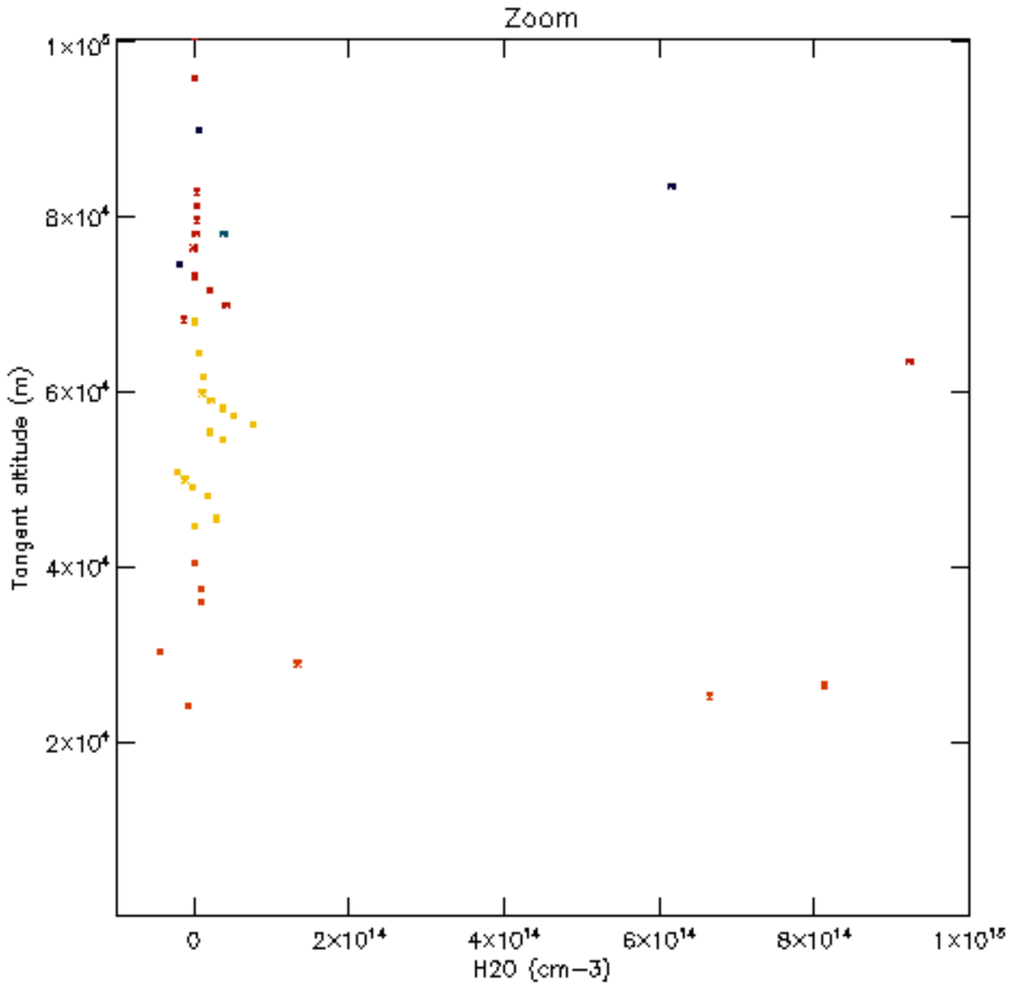

NO2 profiles
40.00
20.00
0.000
−20.00
−40.00
−60.00
−80.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
0
2×10¹²
4×10¹²
6×10¹²
8×10¹²
1×10¹³
NO2 (cm−3)

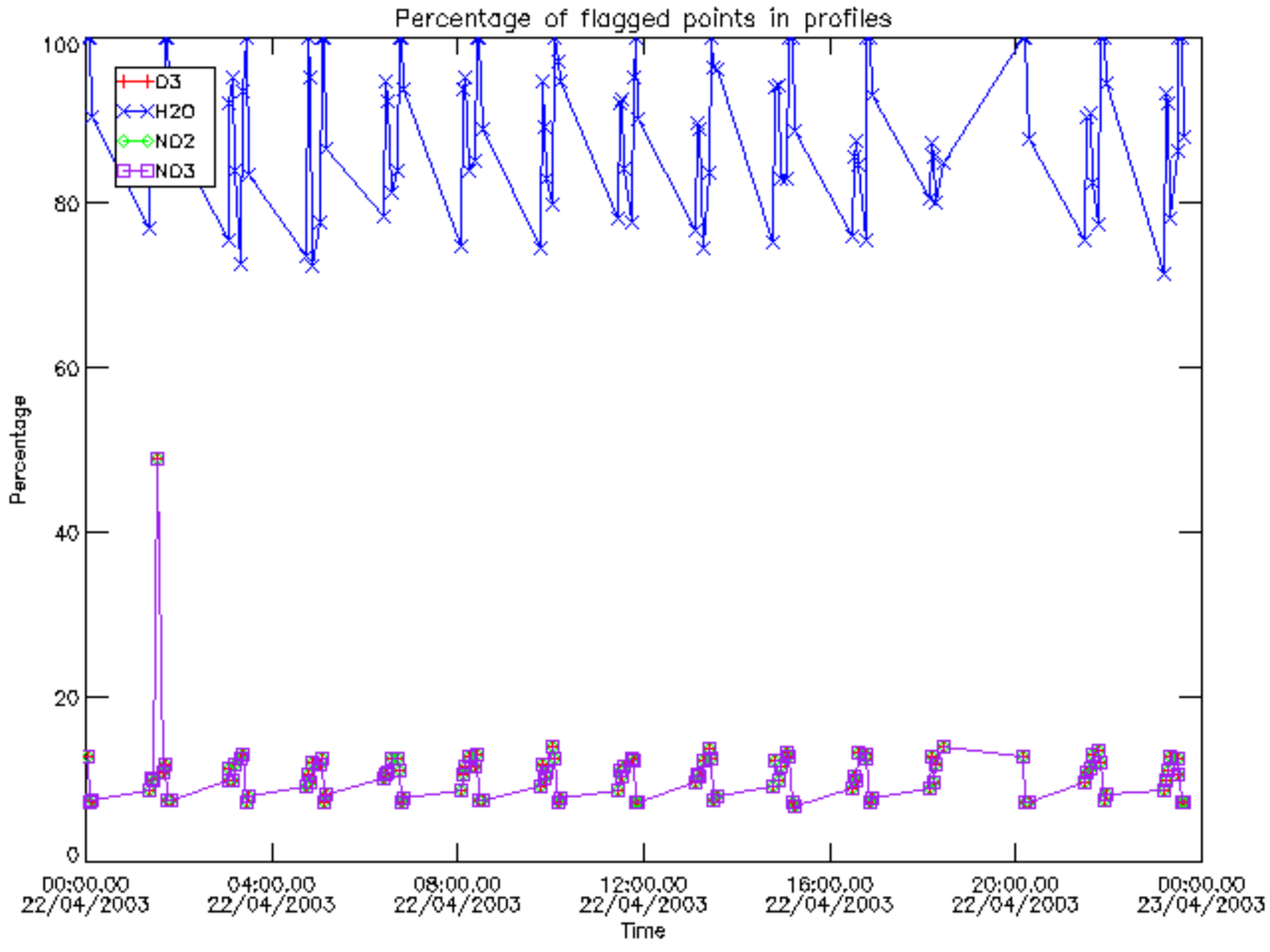

Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
−4×10¹¹
−2×10¹¹
0
2×10¹¹
4×10¹¹
6×10¹¹
NO2 (cm−3)

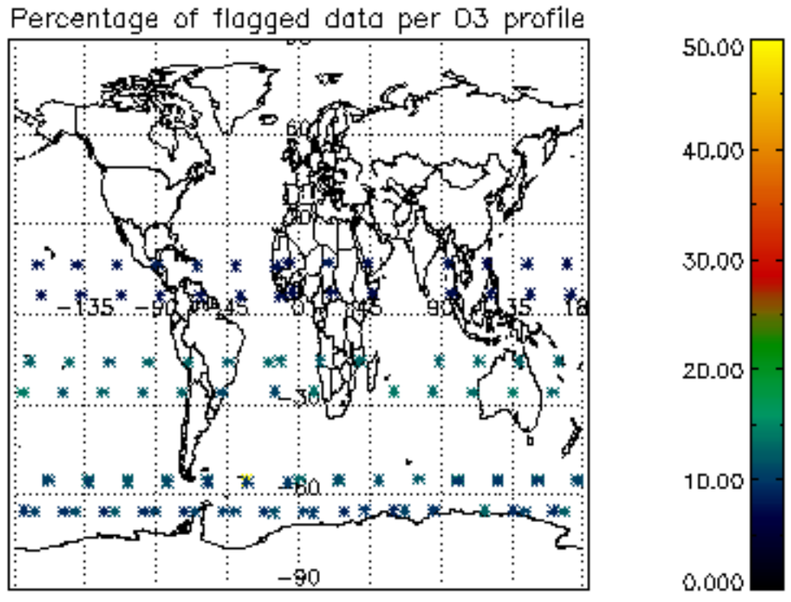

NO3 profiles
40.00
20.00
0.000
−20.00
−40.00
−60.00
−80.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
NO3 (cm−3)

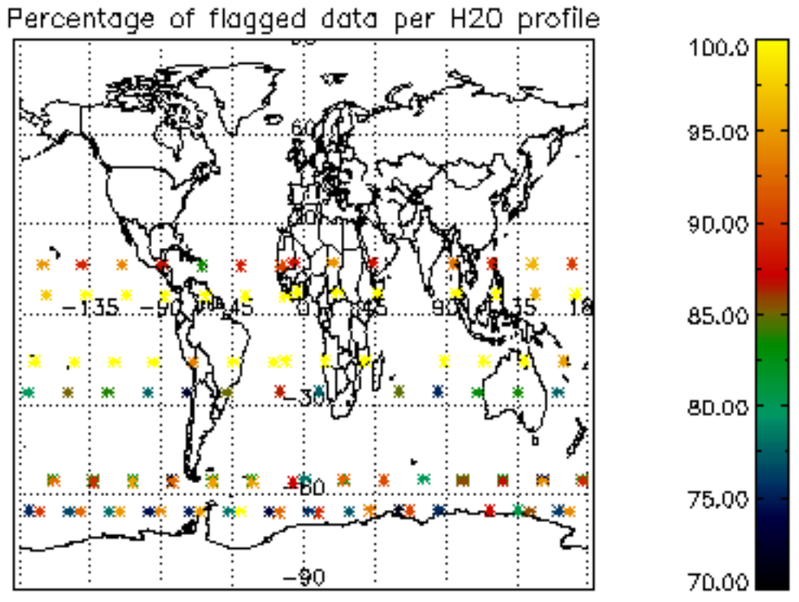

Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
−1.0×10⁹
−5.0×10⁸
0
5.0×10⁸
1.0×10⁹
1.5×10⁹
NO3 (cm−3)

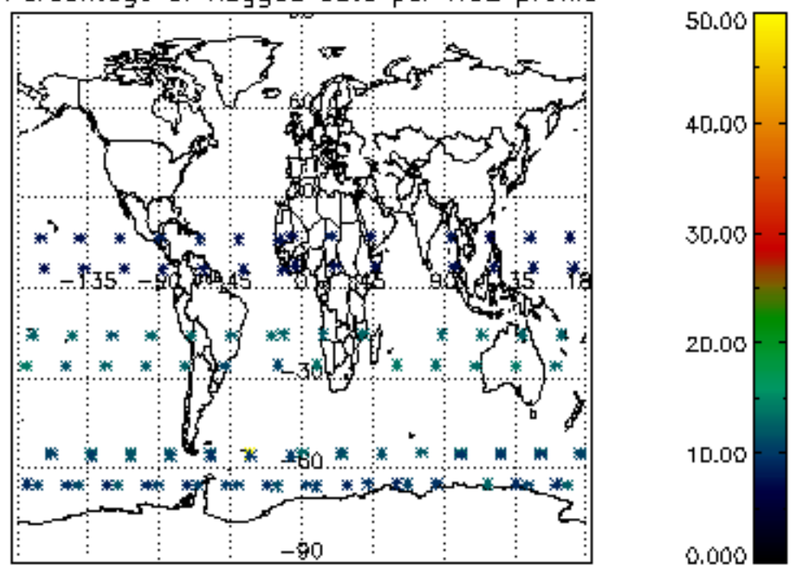

H2O profiles
20.00
0.000
−20.00
−40.00
−60.00
−80.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
−1×10¹⁵
−5×10¹⁴
0
5×10¹⁴
1×10¹⁵
H2O (cm−3)

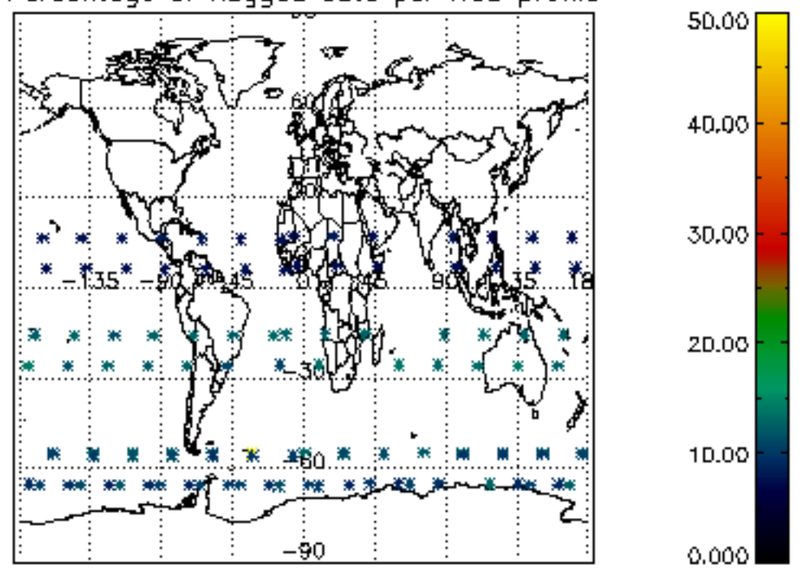

Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
0
2×10¹⁴
4×10¹⁴
6×10¹⁴
8×10¹⁴
1×10¹⁵
H2O (cm−3)

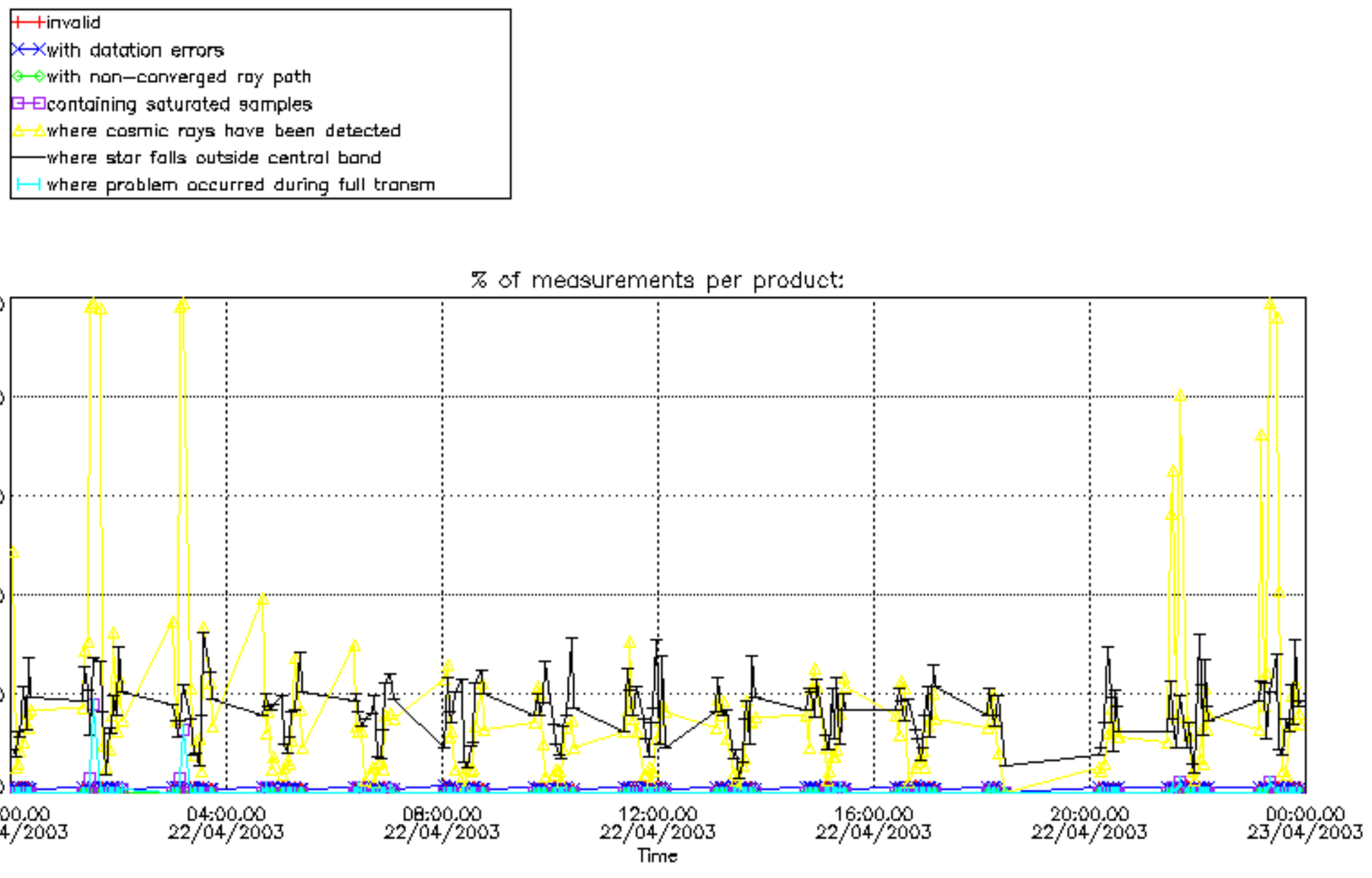

Percentage of flagged points in profiles
O3
H2O
NO2
NO3
100
80
60
40
20
0
Percentage
00:00.00
22/04/2003
04:00.00
22/04/2003
08:00.00
22/04/2003
12:00.00
22/04/2003
16:00.00
22/04/2003
20:00.00
22/04/2003
00:00.00
23/04/2003
Time

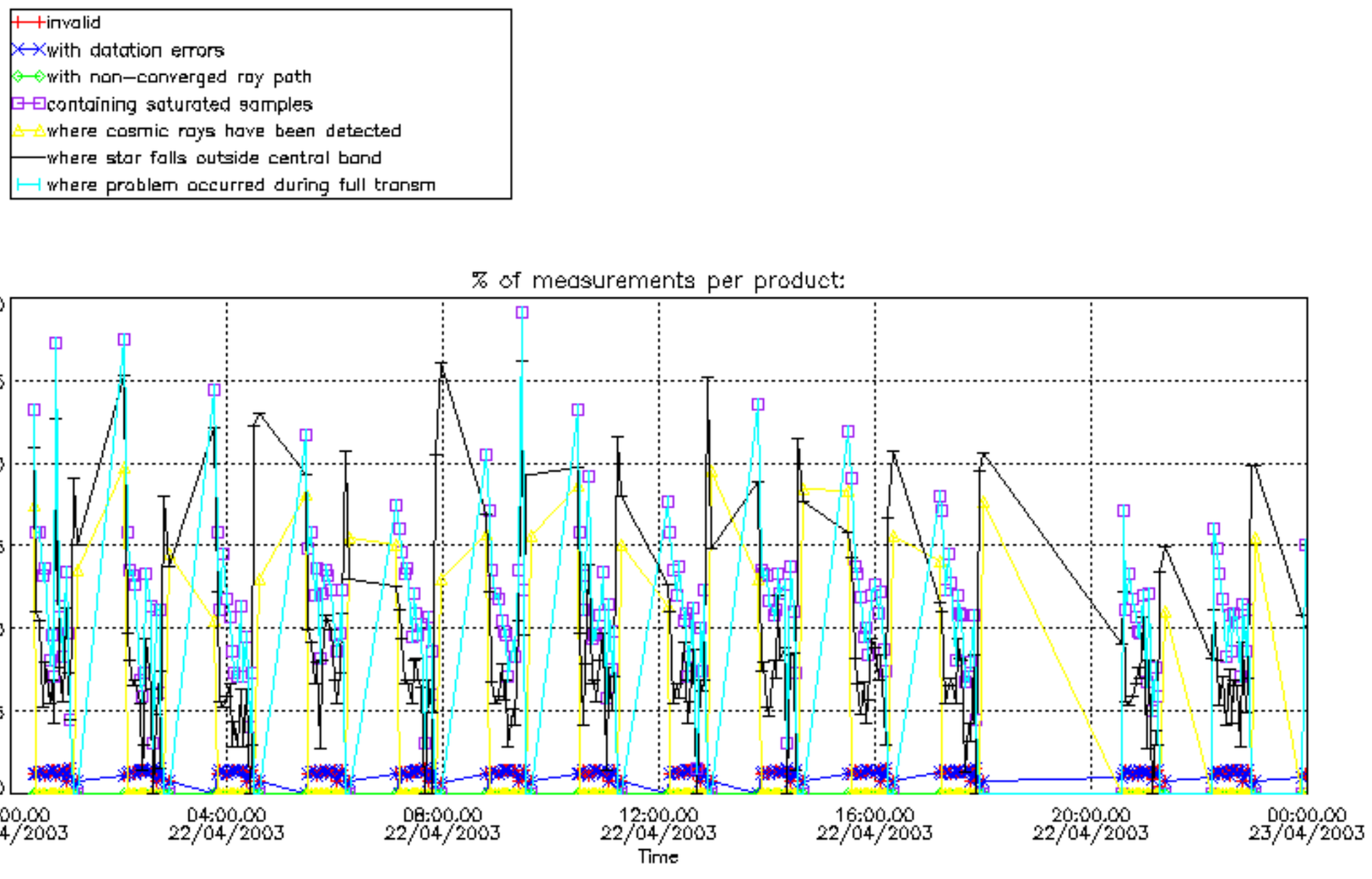

Percentage of flagged data per O3 profile
50.00
40.00
30.00
20.00
10.00
0.000
60
-30
-90

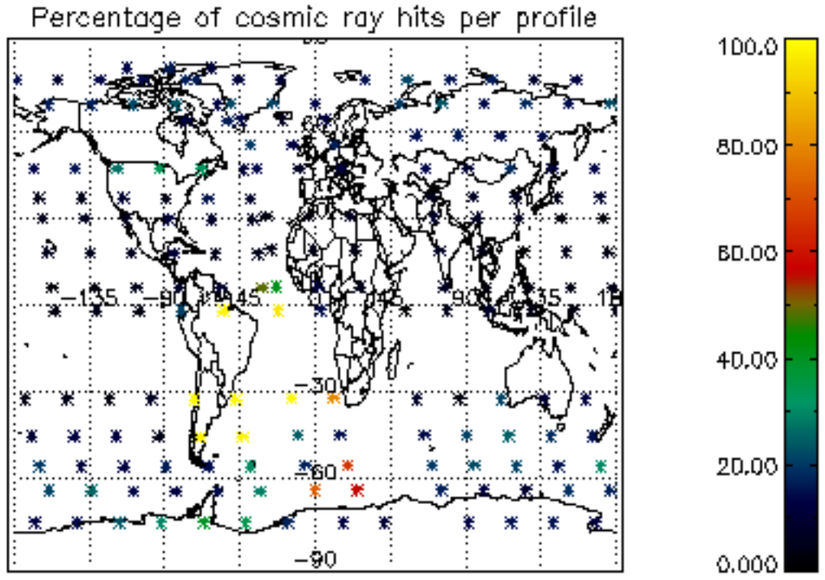

Percentage of flagged data per H2O profile
100.0
95.00
90.00
85.00
80.00
75.00
70.00
60
-30
-90

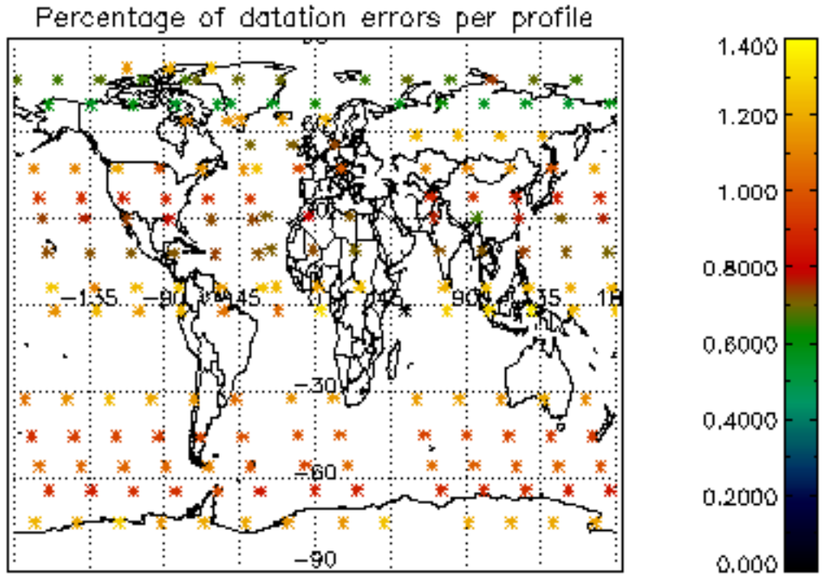

Percentage of flagged data per NO2 profile
50.00
40.00
30.00
20.00
10.00
0.000
60
-30
-90

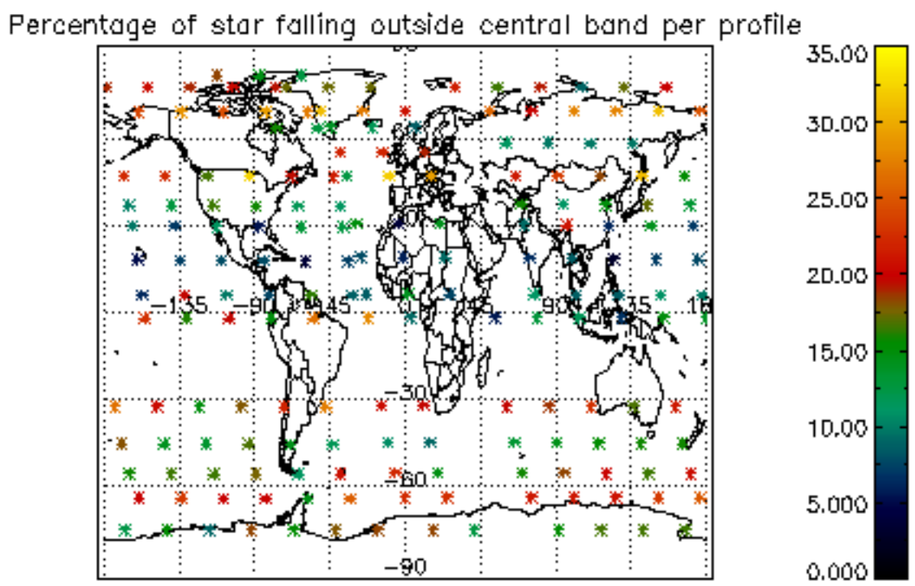

Percentage of flagged data per NO3 profile
50.00
40.00
30.00
20.00
10.00
0.000
60
-30
-90

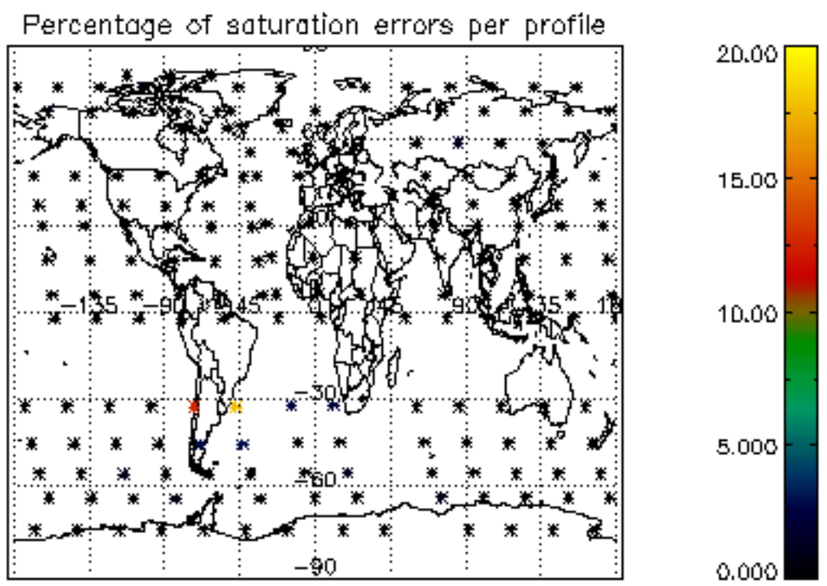

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
100
80
60
40
20
0
value (%)
00:00.00 22/04/2003
04:00.00 22/04/2003
08:00.00 22/04/2003
12:00.00 22/04/2003
16:00.00 22/04/2003
20:00.00 22/04/2003
00:00.00 23/04/2003
Time

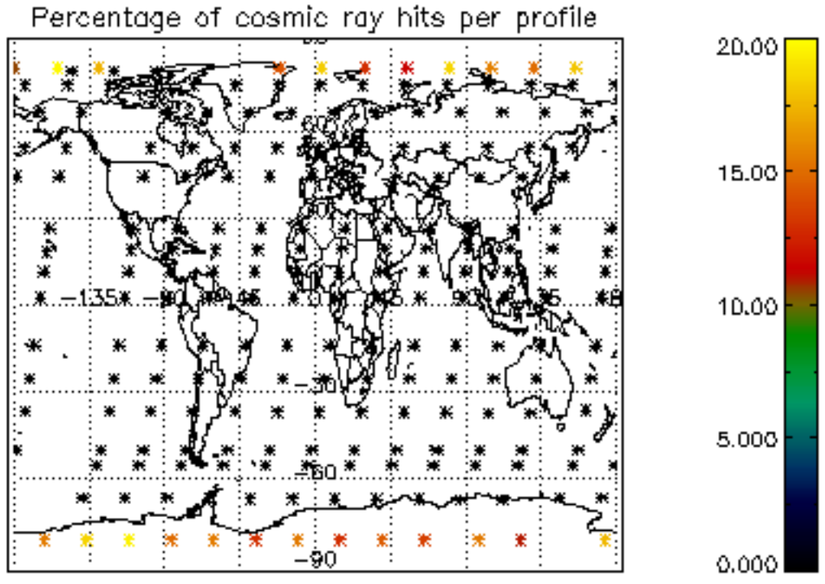

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
value (%)
0
5
10
15
20
25
30
00:00.00 22/04/2003
04:00.00 22/04/2003
08:00.00 22/04/2003
12:00.00 22/04/2003
16:00.00 22/04/2003
20:00.00 22/04/2003
00:00.00 23/04/2003
Time

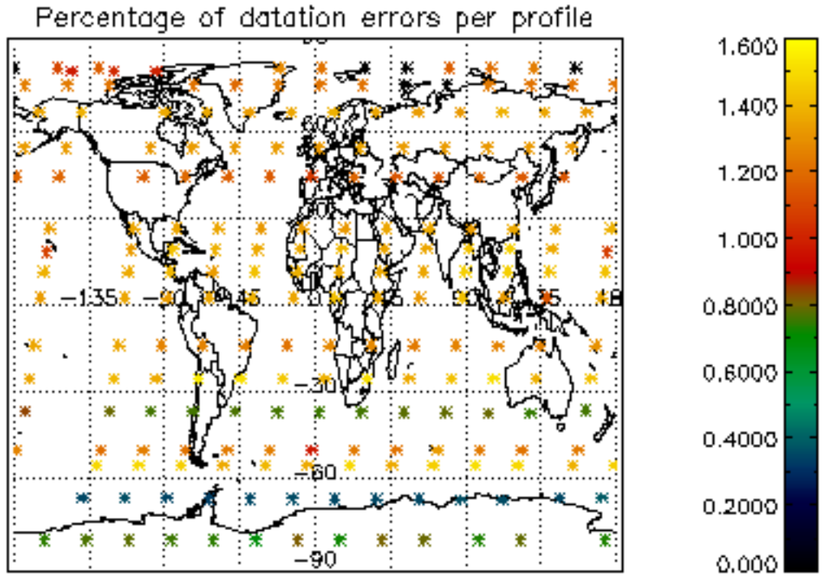

Percentage of cosmic ray hits per profile
100.0
80.00
60.00
40.00
20.00
0.000
−135
−90
45
90
135
−30
−60
−90

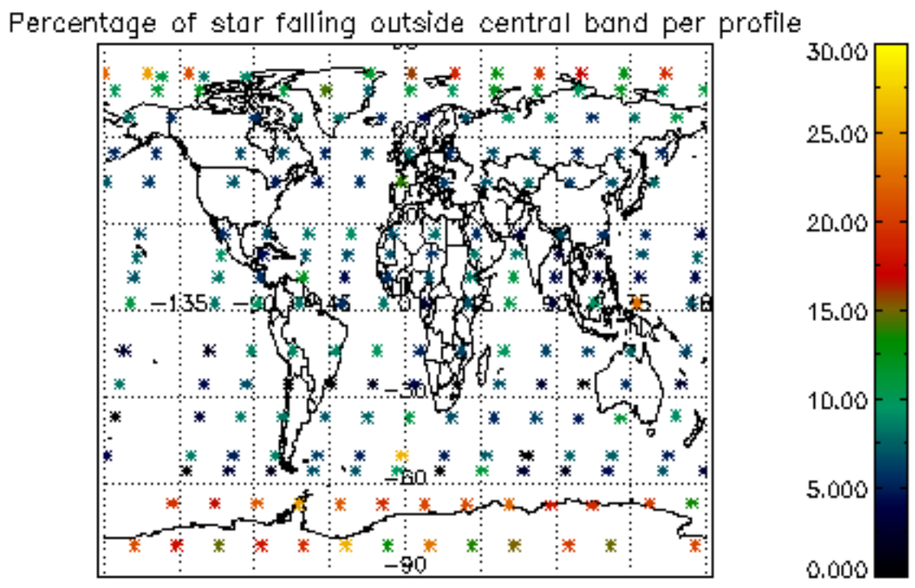

Percentage of datation errors per profile
1.400
1.200
1.000
0.8000
0.6000
0.4000
0.2000
0.000
−135
−90
45
90
135
−30
−60
−90

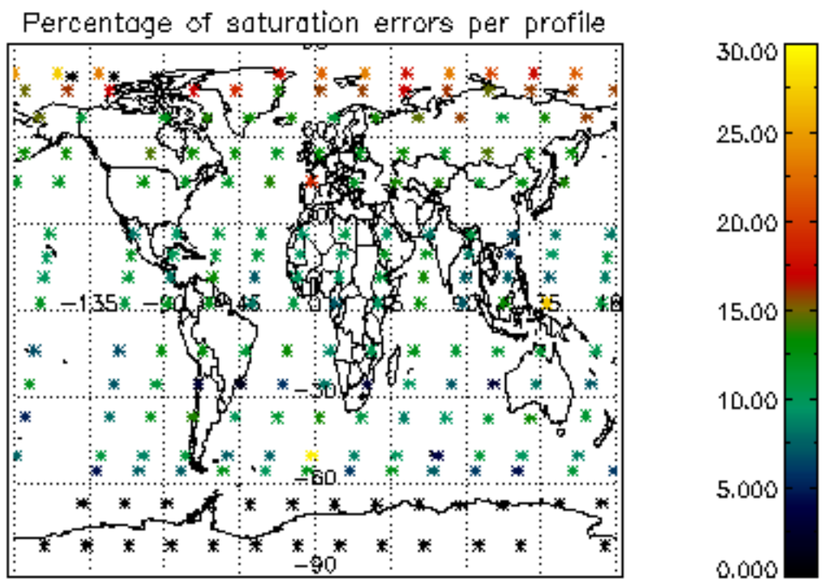

Percentage of star falling outside central band per profile
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
45
90
135
−30
−60
−90

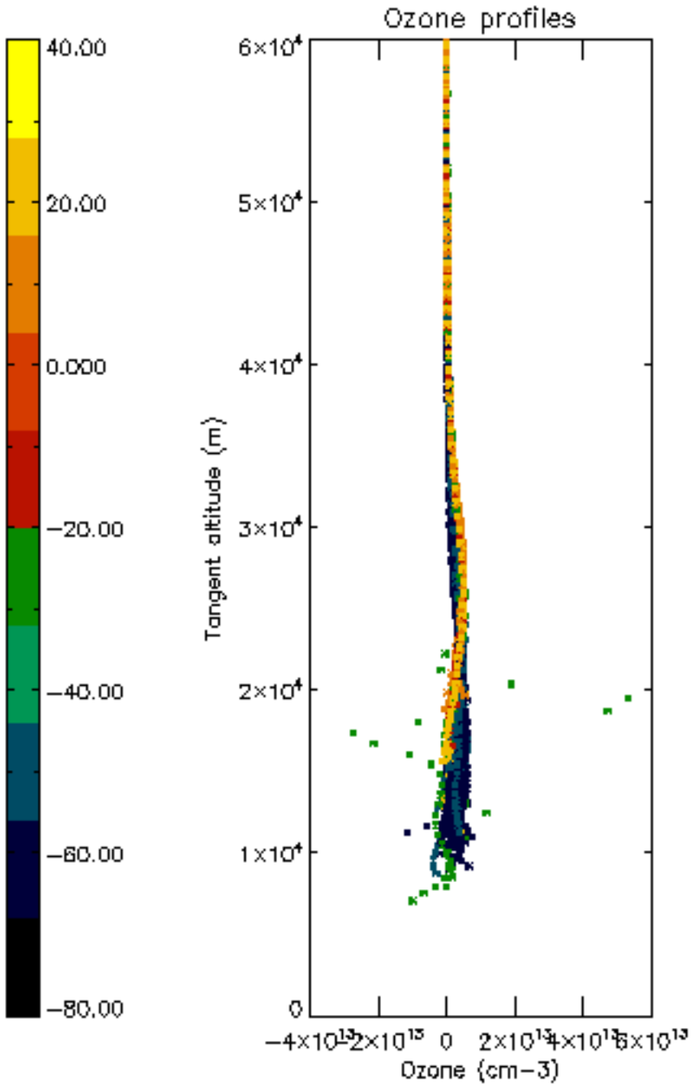

Percentage of saturation errors per profile
20.00
15.00
10.00
5.000
0.000
−135
−90
45
90
135
−30
−60
−90

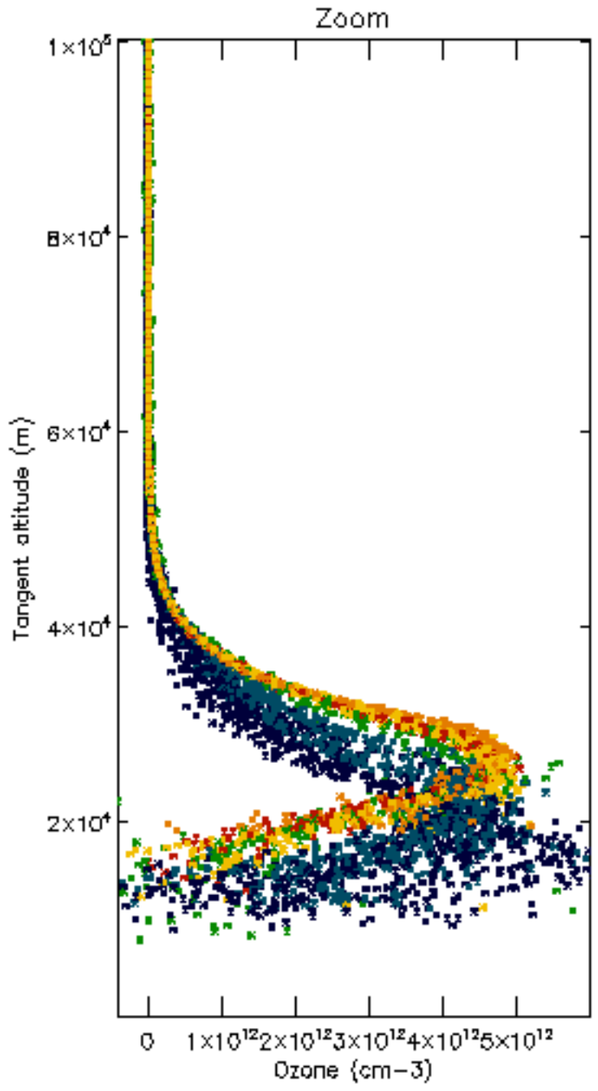

Percentage of cosmic ray hits per profile
20.00
15.00
10.00
5.000
0.000
−135
−90
−30
−60
−90

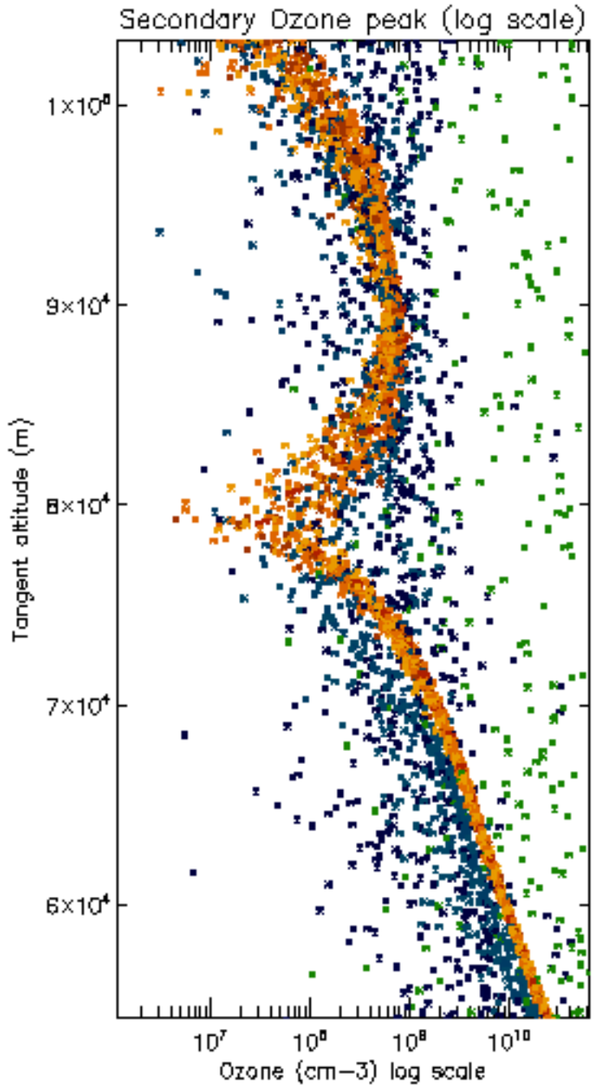

Percentage of datation errors per profile
1.600
1.400
1.200
1.000
0.8000
0.6000
0.4000
0.2000
0.000
−135
−90
−30
−60
−90

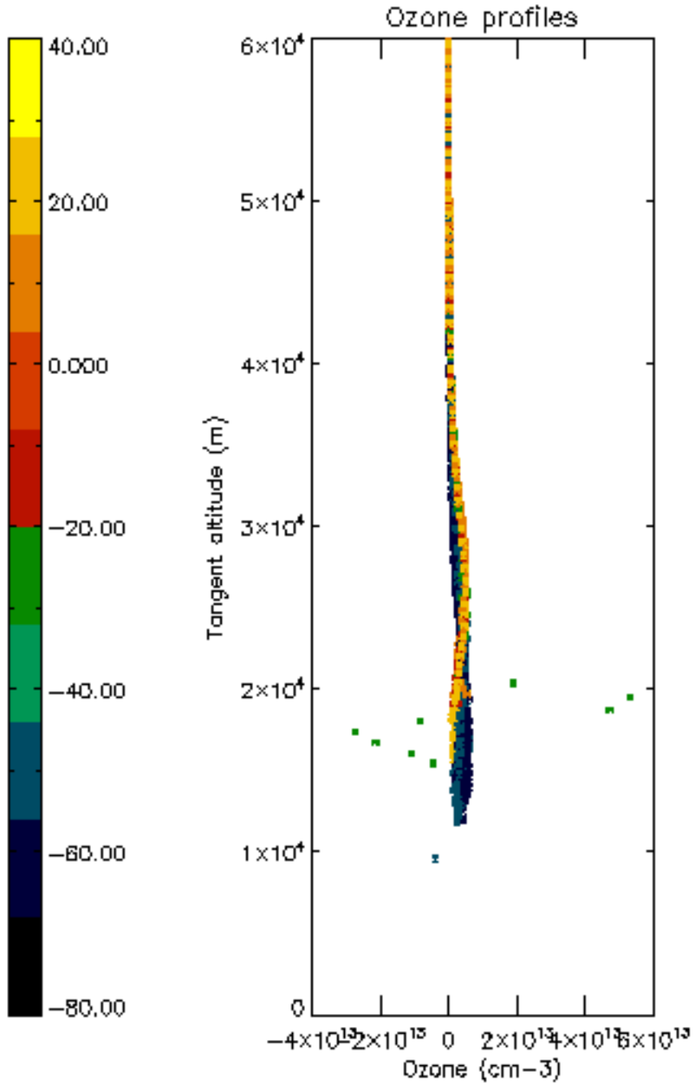

Percentage of star falling outside central band per profile
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−30
−60
−90

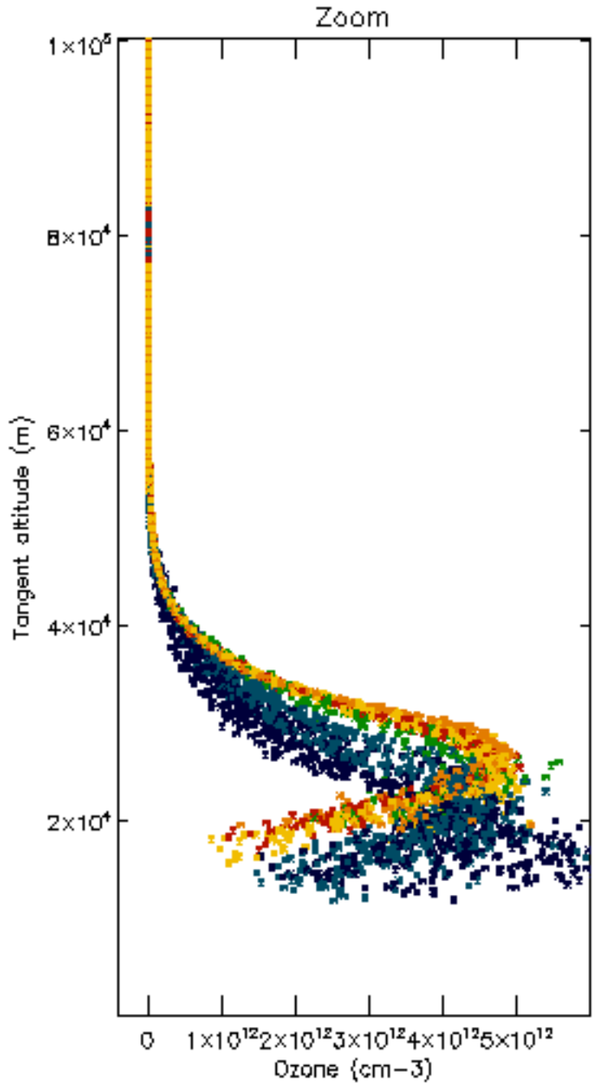

Percentage of saturation errors per profile
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−30
−60
−90

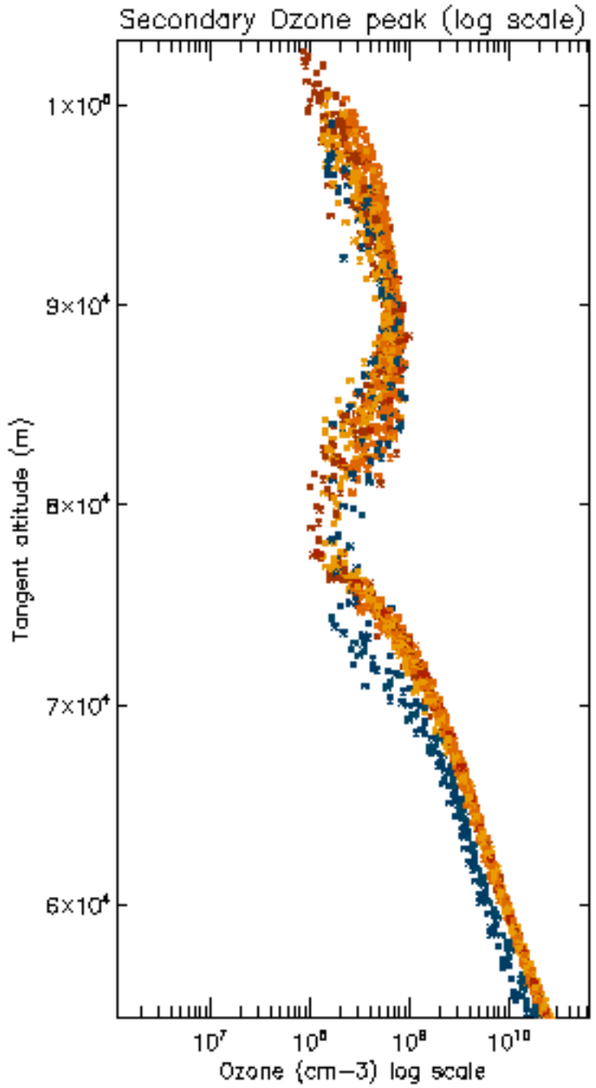

Ozone profiles
40.00
20.00
0.000
−20.00
−40.00
−60.00
−80.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
−4×10¹³ −2×10¹³ 0 2×10¹³ 4×10¹³ 6×10¹³
Ozone (cm−3)

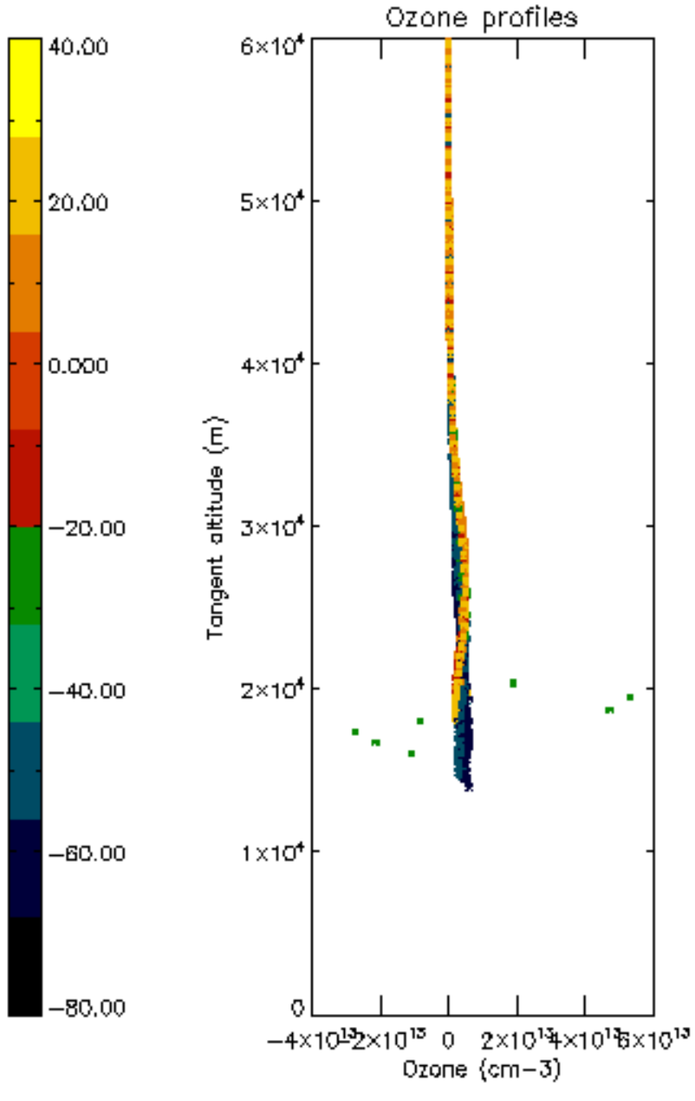

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0 1×10¹² 2×10¹² 3×10¹² 4×10¹² 5×10¹²
Ozone (cm−3)

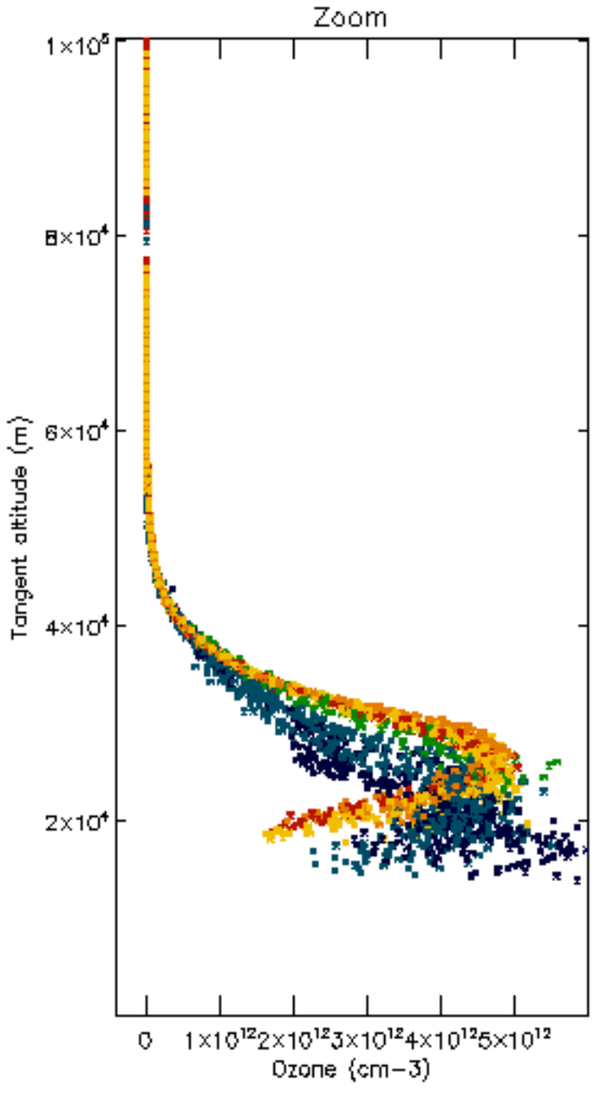

Secondary Ozone peak (log scale)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
Tangent altitude (m)
10⁷ 10⁸ 10⁸ 10¹⁰
Ozone (cm−3) log scale

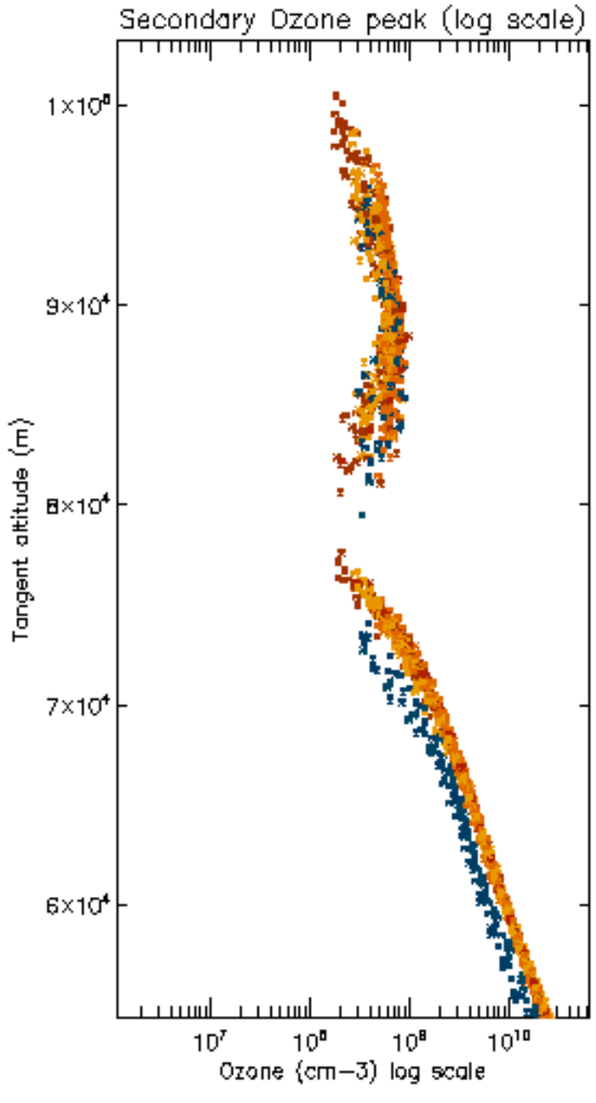

Ozone profiles
40.00
20.00
0.000
−20.00
−40.00
−60.00
−80.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
−4×10¹³ −2×10¹³ 0 2×10¹³ 4×10¹³ 6×10¹³
Ozone (cm−3)

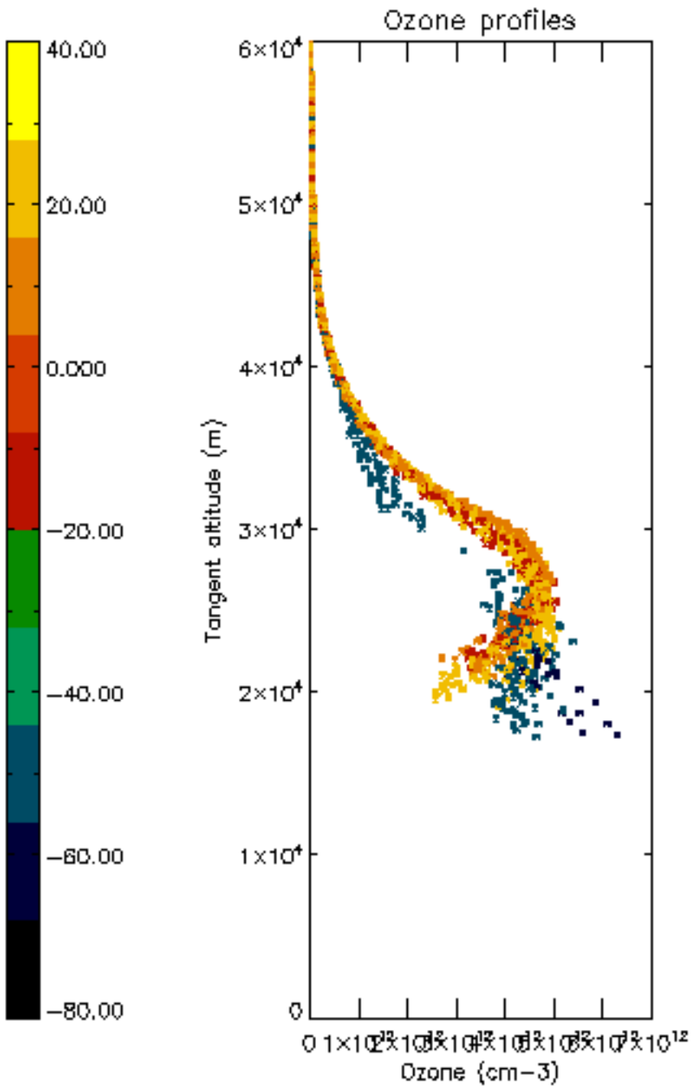

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0 1×10¹² 2×10¹² 3×10¹² 4×10¹² 5×10¹²
Ozone (cm−3)

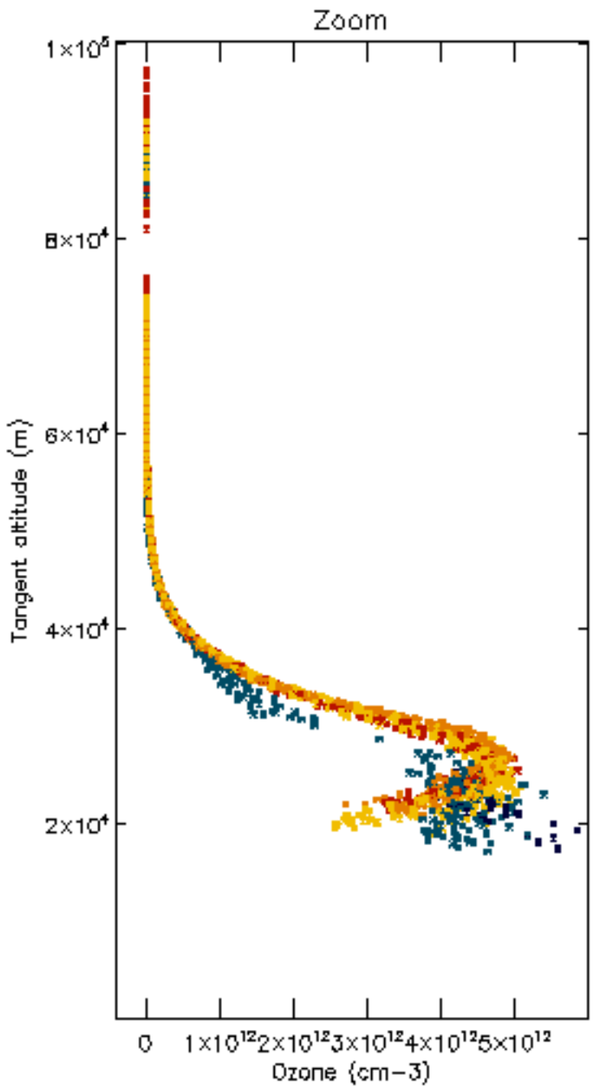

Secondary Ozone peak (log scale)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
Tangent altitude (m)
10⁷ 10⁸ 10⁹ 10¹⁰
Ozone (cm−3) log scale

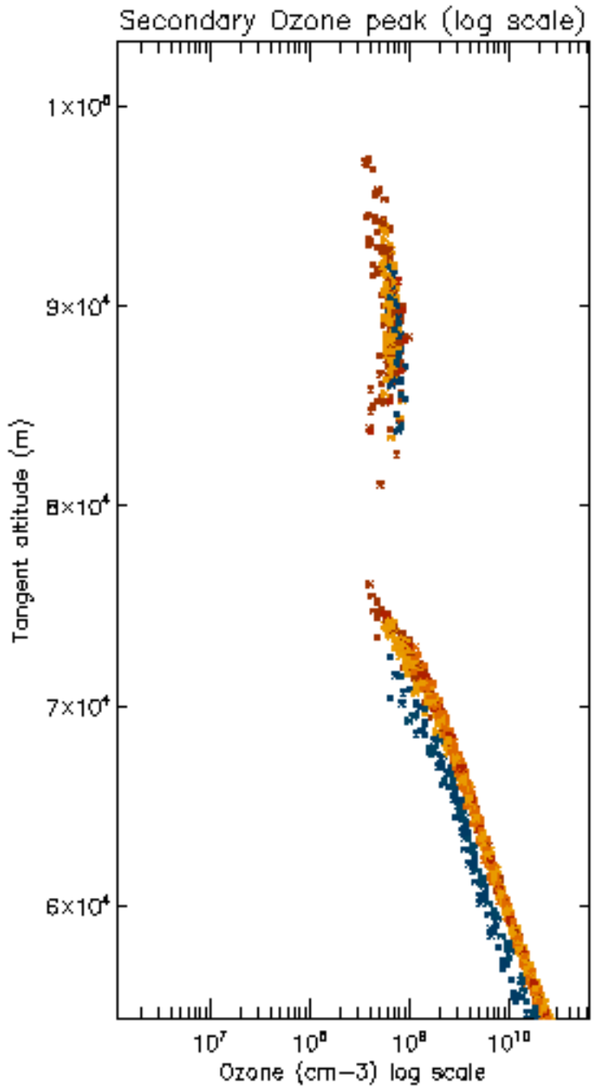

Ozone profiles
40.00
20.00
0.000
−20.00
−40.00
−60.00
−80.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
−4×10¹³ −2×10¹⁵ 0 2×10¹³ 4×10¹³ 6×10¹³
Ozone (cm−3)

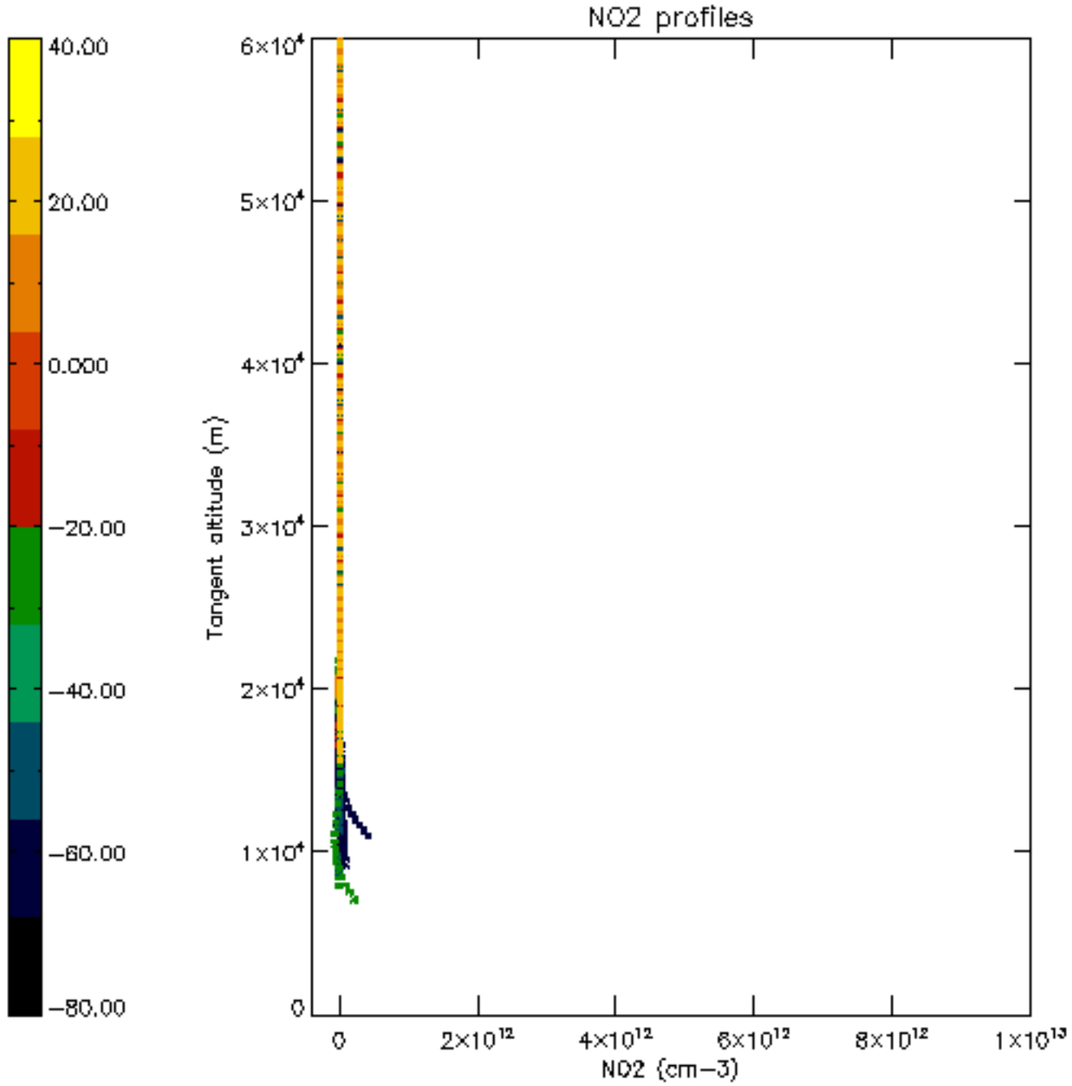

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0 1×10¹² 2×10¹² 3×10¹² 4×10¹² 5×10¹²
Ozone (cm−3)

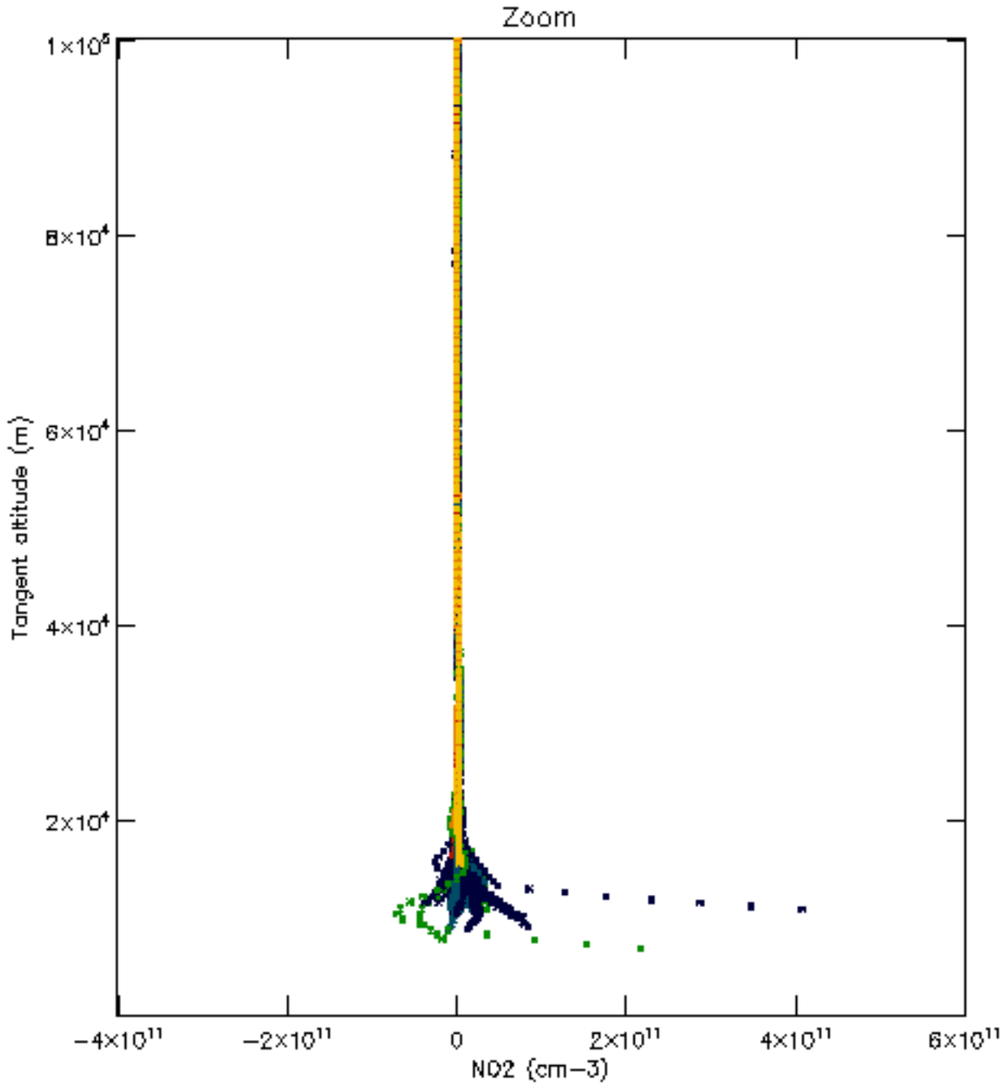

Secondary Ozone peak (log scale)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
Tangent altitude (m)
10⁷ 10⁸ 10⁹ 10¹⁰
Ozone (cm−3) log scale

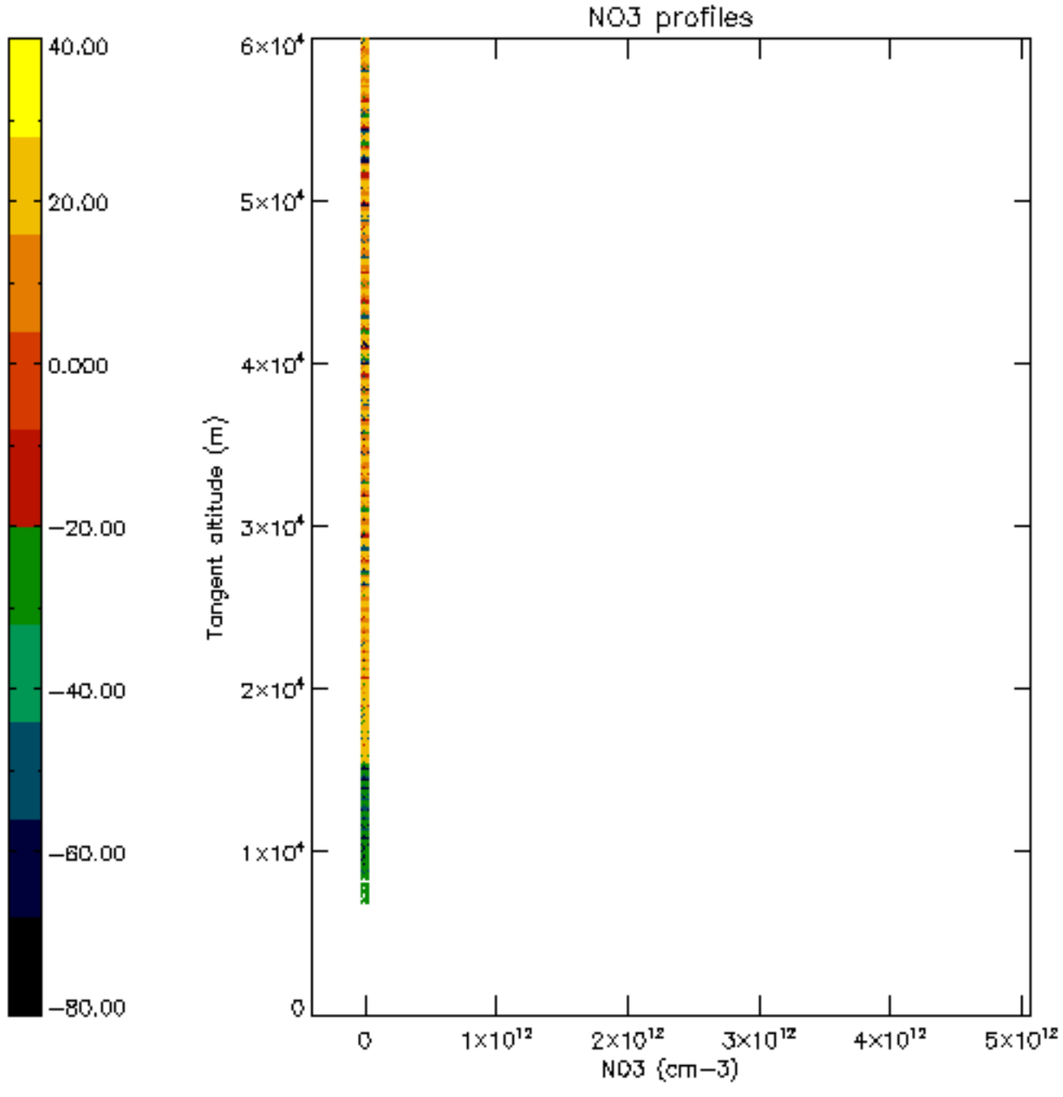

40.00
20.00
0.000
−20.00
−40.00
−60.00
−80.00
Ozone profiles
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
0 1×10¹² 2×10¹² 3×10¹² 4×10¹² 5×10¹² 6×10¹² 7×10¹²
Ozone (cm−3)

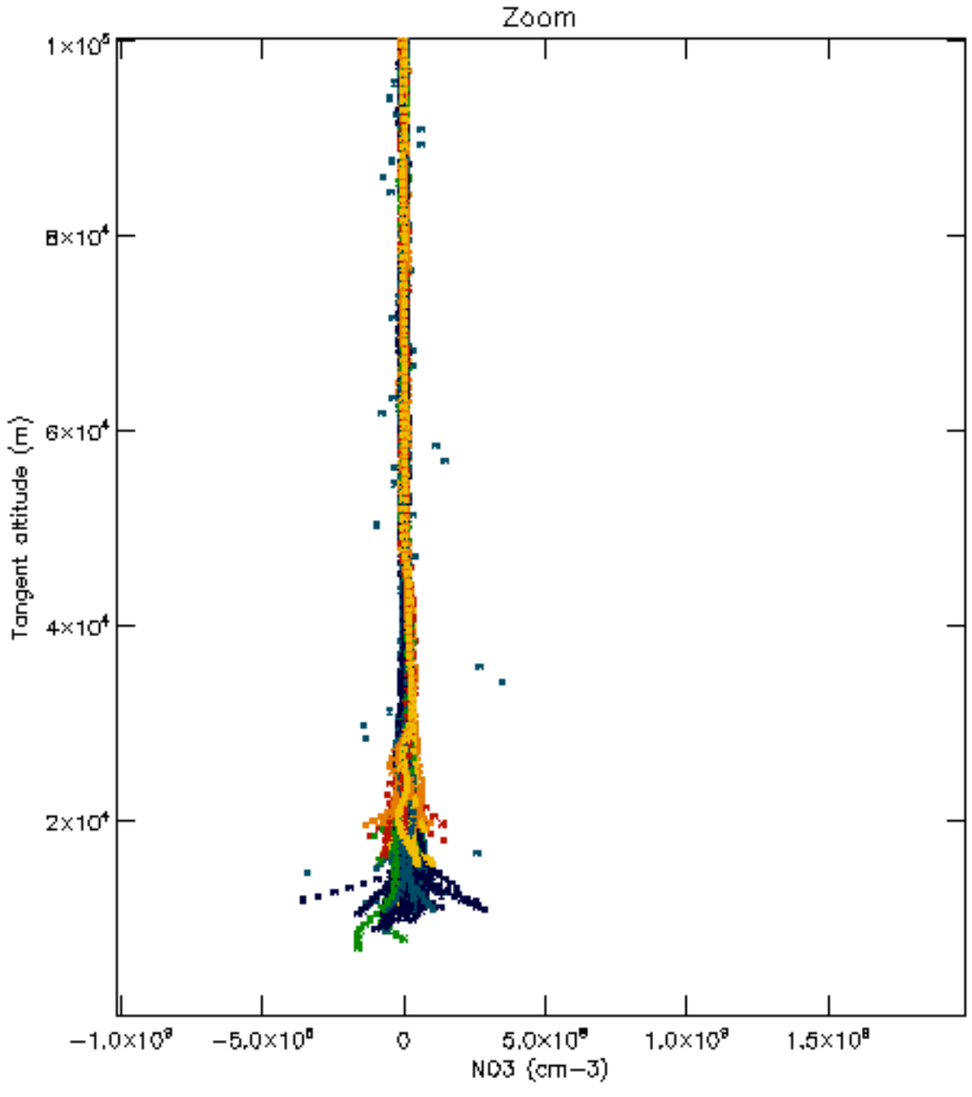

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0 1×10¹² 2×10¹² 3×10¹² 4×10¹² 5×10¹²
Ozone (cm−3)

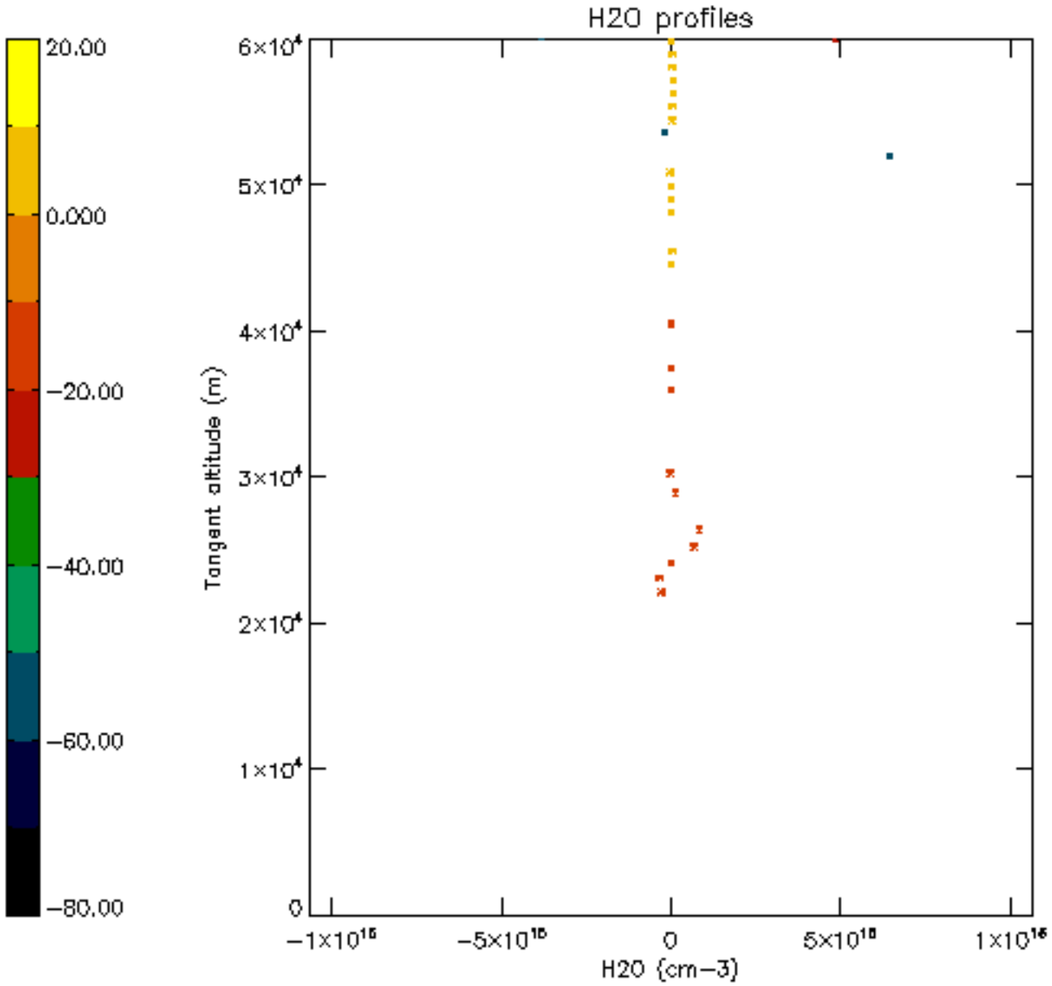

Secondary Ozone peak (log scale)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
Tangent altitude (m)
10⁷ 10⁸ 10⁹ 10¹⁰
Ozone (cm−3) log scale

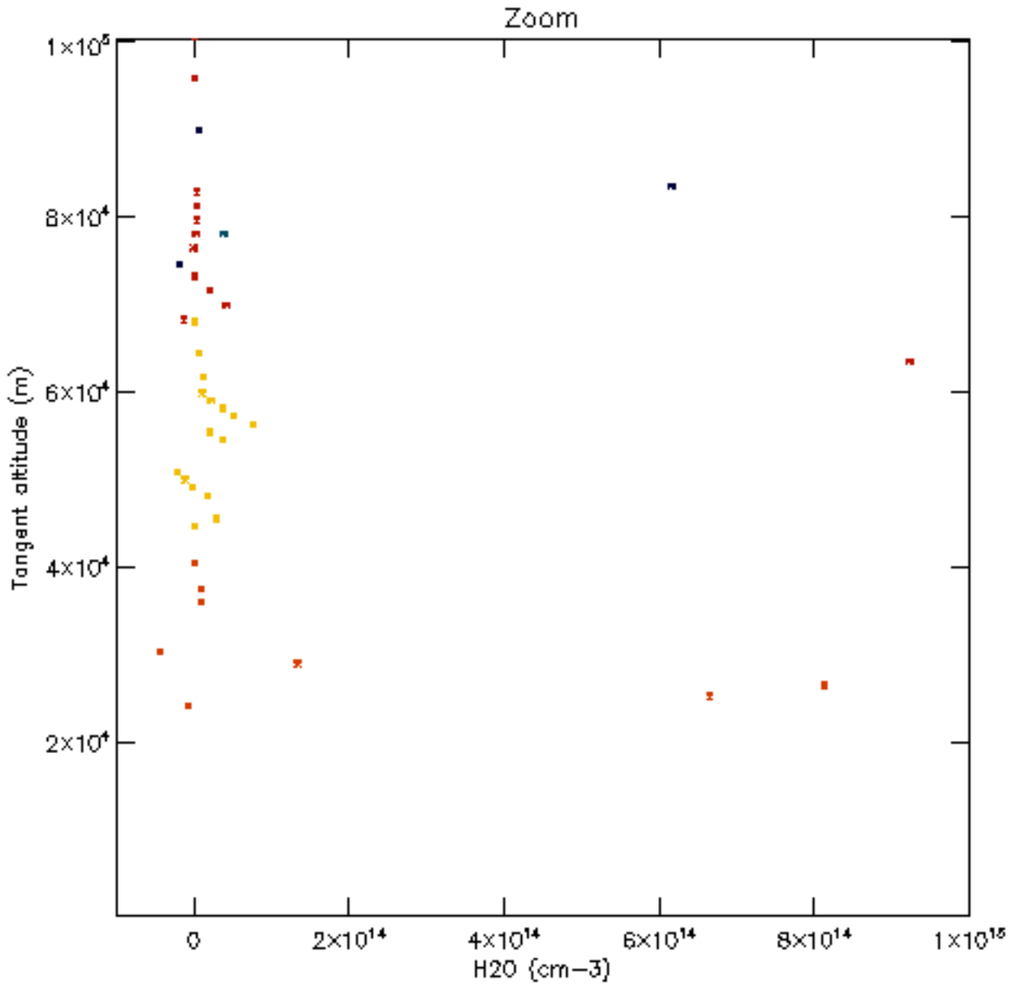

NO2 profiles
40.00
20.00
0.000
−20.00
−40.00
−60.00
−80.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
0
2×10¹²
4×10¹²
6×10¹²
8×10¹²
1×10¹³
NO2 (cm−3)


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


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


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


H2O profiles
20.00
0.000
−20.00
−40.00
−60.00
−80.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
−1×10¹⁵
−5×10¹⁴
0
5×10¹⁴
1×10¹⁵
H2O (cm−3)


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