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 14:09:41
Data source version	GOMOS/6.01
Start time of products	29-04-2003 (29APR2003 00:00:00)
Stop time of products	30-04-2003 (30APR2003 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	414
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__2PRFIN20030429_000057_000000762016_00002_06068_6496.N1	29-APR-2003 00:00:57	Twi_and_stray	76.000	16	21Alp Sco	1.0200	3000.0	152	6068	No
2	GOM_NL__2PRFIN20030429_000319_000000662016_00002_06068_6497.N1	29-APR-2003 00:03:19	Twi_and_stray	65.500	80	7Del Sco	2.3160	30000.	131	6068	No
3	GOM_NL__2PRFIN20030429_000517_000000412016_00002_06068_6498.N1	29-APR-2003 00:05:17	Bright	41.000	169	46Gam Hya	2.9910	4700.0	82	6068	No
4	GOM_NL__2PRFIN20030429_000901_000000512016_00002_06068_6499.N1	29-APR-2003 00:09:01	Bright	50.500	104	27Bet Lib	2.6140	13100.	101	6068	No
5	GOM_NL__2PRFIN20030429_001142_000000372016_00002_06068_6500.N1	29-APR-2003 00:11:42	Bright	36.500	121	29Gam Vir	2.7400	7200.0	73	6068	No
6	GOM_NL__2PRFIN20030429_001504_000000362016_00002_06068_6501.N1	29-APR-2003 00:15:04	Bright	36.000	138	47Eps Vir	2.8280	4700.0	72	6068	No
7	GOM_NL__2PRFIN20030429_001731_000000392016_00002_06068_6502.N1	29-APR-2003 00:17:31	Bright	39.000	111	8Eta Boo	2.6800	6000.0	78	6068	No
8	GOM_NL__2PRFIN20030429_002251_000000372016_00002_06068_6503.N1	29-APR-2003 00:22:51	Bright	36.500	152	12Alp2CVn	2.8900	11000.	73	6068	No
9	GOM_NL__2PRFIN20030429_002423_000000412016_00002_06068_6504.N1	29-APR-2003 00:24:23	Bright	40.500	180	27Gam Boo	3.0400	8000.0	81	6068	No
10	GOM_NL__2PRFIN20030429_002630_000000402016_00002_06068_6505.N1	29-APR-2003 00:26:30	Bright	39.500	39	85Eta UMa	1.8540	24000.	79	6068	No
11	GOM_NL__2PRFIN20030429_002751_000000372016_00002_06068_6506.N1	29-APR-2003 00:27:51	Bright	36.500	32	77Eps UMa	1.7630	11000.	73	6068	No
12	GOM_NL__2PRFIN20030429_002959_000000372016_00002_06068_6507.N1	29-APR-2003 00:29:59	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	6068	No
13	GOM_NL__2PRFIN20030429_003357_000000552016_00002_06068_6508.N1	29-APR-2003 00:33:57	Bright	55.000	60	7Bet UMi	2.0810	3950.0	110	6068	No
14	GOM_NL__2PRFIN20030429_003735_000000372016_00002_06068_6509.N1	29-APR-2003 00:37:35	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	6068	No
15	GOM_NL__2PRFIN20030429_004409_000000422016_00002_06068_6510.N1	29-APR-2003 00:44:09	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	6068	No
16	GOM_NL__2PRFIN20030429_004724_000001482016_00002_06068_6511.N1	29-APR-2003 00:47:24	Bright	147.50	5	3Alp Lyr	0.033000	11000.	295	6068	No
17	GOM_NL__2PRFIN20030429_005440_000000792016_00002_06068_6512.N1	29-APR-2003 00:54:40	Twi_and_stray	78.500	92	53Eps Cyg	2.5000	4500.0	157	6068	No
18	GOM_NL__2PRFIN20030429_005934_000000462016_00002_06068_6513.N1	29-APR-2003 00:59:34	Twilight	45.500	90	54Alp Peg	2.4870	11000.	91	6068	No
19	GOM_NL__2PRFIN20030429_010336_000000642016_00002_06068_6514.N1	29-APR-2003 01:03:36	Dark	63.500	61	8Eps Peg	2.1000	3900.0	127	6068	No
20	GOM_NL__2PRFIN20030429_010603_000000512016_00002_06068_6515.N1	29-APR-2003 01:06:03	Dark	51.000	162	34Alp Aqr	2.9440	5350.0	102	6068	No
21	GOM_NL__2PRFIN20030429_010932_000000572016_00002_06068_6516.N1	29-APR-2003 01:09:32	Dark	56.500	154	22Bet Aqr	2.8990	5700.0	113	6068	No
22	GOM_NL__2PRFIN20030429_011217_000000442016_00002_06068_6517.N1	29-APR-2003 01:12:17	Dark	43.500	18	24Alp PsA	1.1660	9700.0	87	6068	No
23	GOM_NL__2PRFIN20030429_011623_000000432016_00002_06068_6518.N1	29-APR-2003 01:16:23	Dark	42.500	172	Gam Gru	3.0030	13100.	85	6068	No
24	GOM_NL__2PRFIN20030429_011800_000000412016_00002_06068_6519.N1	29-APR-2003 01:18:00	Dark	40.500	31	Alp Gru	1.7340	15200.	81	6068	No
25	GOM_NL__2PRFIN20030429_012044_000000392016_00003_06069_6520.N1	29-APR-2003 01:20:44	Dark	39.000	148	Alp Tuc	2.8780	4100.0	78	6069	No
26	GOM_NL__2PRFIN20030429_012326_000000452016_00003_06069_6492.N1	29-APR-2003 01:23:26	Dark	44.500	45	Alp Pav	1.9400	26000.	89	6069	No
27	GOM_NL__2PRFIN20030429_013011_000000392016_00003_06069_6493.N1	29-APR-2003 01:30:11	Straylight	39.000	43	Alp TrA	1.9100	4250.0	78	6069	No
28	GOM_NL__2PRFIN20030429_013429_000000422016_00003_06069_6494.N1	29-APR-2003 01:34:29	Straylight	42.000	4	Alp1Cen	-0.010000	5800.0	84	6069	No
29	GOM_NL__2PRFIN20030429_013741_000000632016_00003_06069_6495.N1	29-APR-2003 01:37:41	Straylight	62.500	75	26Eps Sco	2.2910	4250.0	125	6069	No
30	GOM_NL__2PRFIN20030429_014133_000000802016_00003_06069_6496.N1	29-APR-2003 01:41:33	Twi_and_stray	79.500	16	21Alp Sco	1.0200	3000.0	159	6069	No
31	GOM_NL__2PRFIN20030429_014356_000000672016_00003_06069_6497.N1	29-APR-2003 01:43:56	Twi_and_stray	66.500	80	7Del Sco	2.3160	30000.	133	6069	No
32	GOM_NL__2PRFIN20030429_014553_000000442016_00003_06069_6498.N1	29-APR-2003 01:45:53	Bright	43.500	169	46Gam Hya	2.9910	4700.0	87	6069	No
33	GOM_NL__2PRFIN20030429_014936_000000522016_00003_06069_6499.N1	29-APR-2003 01:49:36	Bright	51.500	104	27Bet Lib	2.6140	13100.	103	6069	No
34	GOM_NL__2PRFIN20030429_015218_000000372016_00003_06069_6500.N1	29-APR-2003 01:52:18	Bright	37.000	121	29Gam Vir	2.7400	7200.0	74	6069	No
35	GOM_NL__2PRFIN20030429_015540_000000372016_00003_06069_6501.N1	29-APR-2003 01:55:40	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	6069	No
36	GOM_NL__2PRFIN20030429_015806_000000412016_00003_06069_6502.N1	29-APR-2003 01:58:06	Bright	41.000	111	8Eta Boo	2.6800	6000.0	82	6069	No
37	GOM_NL__2PRFIN20030429_020327_000000362016_00003_06069_6503.N1	29-APR-2003 02:03:27	Bright	35.500	152	12Alp2CVn	2.8900	11000.	71	6069	No
38	GOM_NL__2PRFIN20030429_020459_000000422016_00003_06069_6504.N1	29-APR-2003 02:04:59	Bright	42.000	180	27Gam Boo	3.0400	8000.0	84	6069	No
39	GOM_NL__2PRFIN20030429_020705_000000392016_00003_06069_6505.N1	29-APR-2003 02:07:05	Bright	39.000	39	85Eta UMa	1.8540	24000.	78	6069	No
40	GOM_NL__2PRFIN20030429_020827_000000342016_00003_06069_6506.N1	29-APR-2003 02:08:27	Bright	34.000	32	77Eps UMa	1.7630	11000.	68	6069	No
41	GOM_NL__2PRFIN20030429_021034_000000372016_00003_06069_6507.N1	29-APR-2003 02:10:34	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	6069	No
42	GOM_NL__2PRFIN20030429_021432_000000392016_00003_06069_6508.N1	29-APR-2003 02:14:32	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	6069	No

43	GOM_NL__2PRFIN20030429_021811_000000342016_00003_06069_6509.N1	29-APR-2003 02:18:11	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	6069	No
44	GOM_NL__2PRFIN20030429_022445_000000432016_00003_06069_6510.N1	29-APR-2003 02:24:45	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	6069	No
45	GOM_NL__2PRFIN20030429_022757_000001572016_00003_06069_6511.N1	29-APR-2003 02:27:57	Bright	156.50	5	3Alp Lyr	0.033000	11000.	313	6069	No
46	GOM_NL__2PRFIN20030429_023517_000000762016_00003_06069_6512.N1	29-APR-2003 02:35:17	Twi_and_stray	76.000	92	53Eps Cyg	2.5000	4500.0	152	6069	No
47	GOM_NL__2PRFIN20030429_024010_000000452016_00003_06069_6513.N1	29-APR-2003 02:40:10	Twilight	45.000	90	54Alp Peg	2.4870	11000.	90	6069	No
48	GOM_NL__2PRFIN20030429_024413_000000622016_00003_06069_6514.N1	29-APR-2003 02:44:13	Dark	62.000	61	8Eps Peg	2.1000	3900.0	124	6069	No
49	GOM_NL__2PRFIN20030429_024639_000000492016_00003_06069_6515.N1	29-APR-2003 02:46:39	Dark	49.000	162	34Alp Aqr	2.9440	5350.0	98	6069	No
50	GOM_NL__2PRFIN20030429_025009_000000612016_00003_06069_6516.N1	29-APR-2003 02:50:09	Dark	60.500	154	22Bet Aqr	2.8990	5700.0	121	6069	No
51	GOM_NL__2PRFIN20030429_025253_000000462016_00003_06069_6517.N1	29-APR-2003 02:52:53	Dark	46.000	18	24Alp PsA	1.1660	9700.0	92	6069	No
52	GOM_NL__2PRFIN20030429_025700_000000392016_00003_06069_6518.N1	29-APR-2003 02:57:00	Dark	39.000	172	Gam Gru	3.0030	13100.	78	6069	No
53	GOM_NL__2PRFIN20030429_025837_000000432016_00003_06069_6519.N1	29-APR-2003 02:58:37	Dark	42.500	31	Alp Gru	1.7340	15200.	85	6069	No
54	GOM_NL__2PRFIN20030429_030120_000000452016_00004_06070_6520.N1	29-APR-2003 03:01:20	Dark	44.500	148	Alp Tuc	2.8780	4100.0	89	6070	No
55	GOM_NL__2PRFIN20030429_030402_000000402016_00004_06070_6492.N1	29-APR-2003 03:04:02	Dark	40.000	45	Alp Pav	1.9400	26000.	80	6070	No
56	GOM_NL__2PRFIN20030429_030921_000000742016_00004_06070_6493.N1	29-APR-2003 03:09:21	Dark	74.000	103	38Zet Sgr	2.6000	9700.0	148	6070	No
57	GOM_NL__2PRFIN20030429_031205_000000682016_00004_06070_6494.N1	29-APR-2003 03:12:05	Straylight	68.000	38	20Eps Sgr	1.8360	11000.	136	6070	No
58	GOM_NL__2PRFIN20030429_031506_000000492016_00004_06070_6495.N1	29-APR-2003 03:15:06	Straylight	48.500	4	Alp1Cen	-0.010000	5800.0	97	6070	No
59	GOM_NL__2PRFIN20030429_031829_000000392016_00004_06070_6496.N1	29-APR-2003 03:18:29	Straylight	38.500	78	Alp Lup	2.3040	28000.	77	6070	No
60	GOM_NL__2PRFIN20030429_032002_000000432016_00004_06070_6497.N1	29-APR-2003 03:20:02	Straylight	43.000	81	Eta Cen	2.3560	28000.	86	6070	No
61	GOM_NL__2PRFIN20030429_032210_000000752016_00004_06070_6498.N1	29-APR-2003 03:22:10	Twi_and_stray	74.500	16	21Alp Sco	1.0200	3000.0	149	6070	No
62	GOM_NL__2PRFIN20030429_032432_000000652016_00004_06070_6499.N1	29-APR-2003 03:24:32	Twi_and_stray	65.000	80	7Del Sco	2.3160	30000.	130	6070	No
63	GOM_NL__2PRFIN20030429_033013_000000502016_00004_06070_6500.N1	29-APR-2003 03:30:13	Bright	50.000	104	27Bet Lib	2.6140	13100.	100	6070	No
64	GOM_NL__2PRFIN20030429_033254_000000372016_00004_06070_6501.N1	29-APR-2003 03:32:54	Bright	36.500	121	29Gam Vir	2.7400	7200.0	73	6070	No
65	GOM_NL__2PRFIN20030429_033616_000000372016_00004_06070_6502.N1	29-APR-2003 03:36:16	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	6070	No
66	GOM_NL__2PRFIN20030429_033842_000000392016_00004_06070_6503.N1	29-APR-2003 03:38:42	Bright	39.000	111	8Eta Boo	2.6800	6000.0	78	6070	No
67	GOM_NL__2PRFIN20030429_034236_000000452016_00004_06070_6504.N1	29-APR-2003 03:42:36	Bright	44.500	83		2.3780	11000.	89	6070	No
68	GOM_NL__2PRFIN20030429_034534_000000422016_00004_06070_6505.N1	29-APR-2003 03:45:34	Bright	42.000	180	27Gam Boo	3.0400	8000.0	84	6070	No
69	GOM_NL__2PRFIN20030429_034741_000000392016_00004_06070_6506.N1	29-APR-2003 03:47:41	Bright	38.500	39	85Eta UMa	1.8540	24000.	77	6070	No
70	GOM_NL__2PRFIN20030429_034858_000000352016_00004_06070_6507.N1	29-APR-2003 03:48:58	Bright	35.000	55	79Zet UMa	2.0600	10200.	70	6070	No
71	GOM_NL__2PRFIN20030429_035111_000000372016_00004_06070_6508.N1	29-APR-2003 03:51:11	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	6070	No
72	GOM_NL__2PRFIN20030429_035508_000000372016_00004_06070_6509.N1	29-APR-2003 03:55:08	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	6070	No
73	GOM_NL__2PRFIN20030429_035847_000000352016_00004_06070_6510.N1	29-APR-2003 03:58:47	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	6070	No
74	GOM_NL__2PRFIN20030429_040520_000000402016_00004_06070_6511.N1	29-APR-2003 04:05:20	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	6070	No
75	GOM_NL__2PRFIN20030429_040832_000001582016_00004_06070_6512.N1	29-APR-2003 04:08:32	Bright	157.50	5	3Alp Lyr	0.033000	11000.	315	6070	No
76	GOM_NL__2PRFIN20030429_041626_000000452016_00004_06070_6513.N1	29-APR-2003 04:16:26	Bright	45.000	164	44Eta Peg	2.9480	5400.0	90	6070	No
77	GOM_NL__2PRFIN20030429_042047_000000442016_00004_06070_6514.N1	29-APR-2003 04:20:47	Twilight	43.500	90	54Alp Peg	2.4870	11000.	87	6070	No
78	GOM_NL__2PRFIN20030429_042449_000000652016_00004_06070_6515.N1	29-APR-2003 04:24:49	Dark	65.000	61	8Eps Peg	2.1000	3900.0	130	6070	No
79	GOM_NL__2PRFIN20030429_042716_000000542016_00004_06070_6516.N1	29-APR-2003 04:27:16	Dark	53.500	162	34Alp Aqr	2.9440	5350.0	107	6070	No
80	GOM_NL__2PRFIN20030429_043046_000000612016_00004_06070_6517.N1	29-APR-2003 04:30:46	Dark	60.500	154	22Bet Aqr	2.8990	5700.0	121	6070	No
81	GOM_NL__2PRFIN20030429_043330_000000482016_00004_06070_6518.N1	29-APR-2003 04:33:30	Dark	48.000	18	24Alp PsA	1.1660	9700.0	96	6070	No
82	GOM_NL__2PRFIN20030429_043736_000000452016_00004_06070_6519.N1	29-APR-2003 04:37:36	Dark	44.500	172	Gam Gru	3.0030	13100.	89	6070	No
83	GOM_NL__2PRFIN20030429_043913_000000412016_00004_06070_6520.N1	29-APR-2003 04:39:13	Dark	41.000	31	Alp Gru	1.7340	15200.	82	6070	No
84	GOM_NL__2PRFIN20030429_044156_000000442016_00005_06071_6521.N1	29-APR-2003 04:41:56	Dark	44.000	148	Alp Tuc	2.8780	4100.0	88	6071	No
85	GOM_NL__2PRFIN20030429_044439_000000412016_00005_06071_6492.N1	29-APR-2003 04:44:39	Dark	40.500	45	Alp Pav	1.9400	26000.	81	6071	No
86	GOM_NL__2PRFIN20030429_044959_000000762016_00005_06071_6493.N1	29-APR-2003 04:49:59	Dark	75.500	103	38Zet Sgr	2.6000	9700.0	151	6071	No
87	GOM_NL__2PRFIN20030429_045243_000000702016_00005_06071_6494.N1	29-APR-2003 04:52:43	Straylight	70.000	38	20Eps Sgr	1.8360	11000.	140	6071	No
88	GOM_NL__2PRFIN20030429_045542_000000432016_00005_06071_6495.N1	29-APR-2003 04:55:42	Straylight	42.500	4	Alp1Cen	-0.010000	5800.0	85	6071	No
89	GOM_NL__2PRFIN20030429_045905_000000402016_00005_06071_6496.N1	29-APR-2003 04:59:05	Straylight	40.000	78	Alp Lup	2.3040	28000.	80	6071	No
90	GOM_NL__2PRFIN20030429_050039_000000412016_00005_06071_6497.N1	29-APR-2003 05:00:39	Straylight	41.000	81	Eta Cen	2.3560	28000.	82	6071	No
91	GOM_NL__2PRFIN20030429_050247_000000752016_00005_06071_6498.N1	29-APR-2003 05:02:47	Twi_and_stray	74.500	16	21Alp Sco	1.0200	3000.0	149	6071	No
92	GOM_NL__2PRFIN20030429_050508_000000682016_00005_06071_6499.N1	29-APR-2003 05:05:08	Twi_and_stray	68.000	80	7Del Sco	2.3160	30000.	136	6071	No
93	GOM_NL__2PRFIN20030429_051049_000000512016_00005_06071_6500.N1	29-APR-2003 05:10:49	Bright	51.000	104	27Bet Lib	2.6140	13100.	102	6071	No
94	GOM_NL__2PRFIN20030429_051330_000000362016_00005_06071_6501.N1	29-APR-2003 05:13:30	Bright	36.000	121	29Gam Vir	2.7400	7200.0	72	6071	No
95	GOM_NL__2PRFIN20030429_051652_000000372016_00005_06071_6502.N1	29-APR-2003 05:16:52	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	6071	No
96	GOM_NL__2PRFIN20030429_051918_000000392016_00005_06071_6503.N1	29-APR-2003 05:19:18	Bright	39.000	111	8Eta Boo	2.6800	6000.0	78	6071	No
97	GOM_NL__2PRFIN20030429_052311_000000502016_00005_06071_6504.N1	29-APR-2003 05:23:11	Bright	49.500	83		2.3780	11000.	99	6071	No
98	GOM_NL__2PRFIN20030429_052610_000000412016_00005_06071_6505.N1	29-APR-2003 05:26:10	Bright	40.500	180	27Gam Boo	3.0400	8000.0	81	6071	No
99	GOM_NL__2PRFIN20030429_052817_000000392016_00005_06071_6506.N1	29-APR-2003 05:28:17	Bright	38.500	39	85Eta UMa	1.8540	24000.	77	6071	No
100	GOM_NL__2PRFIN20030429_052933_000000382016_00005_06071_6507.N1	29-APR-2003 05:29:33	Bright	37.500	55	79Zet UMa	2.0600	10200.	75	6071	No
101	GOM_NL__2PRFIN20030429_053147_000000372016_00005_06071_6508.N1	29-APR-2003 05:31:47	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	6071	No

102	GOM_NL__2PRFIN20030429_053544_000000392016_00005_06071_6509.N1	29-APR-2003 05:35:44	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	6071	No
103	GOM_NL__2PRFIN20030429_053923_000000372016_00005_06071_6510.N1	29-APR-2003 05:39:23	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	6071	No
104	GOM_NL__2PRFIN20030429_054556_000000422016_00005_06071_6511.N1	29-APR-2003 05:45:56	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	6071	No
105	GOM_NL__2PRFIN20030429_054907_000001832016_00005_06071_6512.N1	29-APR-2003 05:49:07	Bright	183.00	5	3Alp Lyr	0.033000	11000.	366	6071	No
106	GOM_NL__2PRFIN20030429_055702_000000462016_00005_06071_6513.N1	29-APR-2003 05:57:02	Bright	45.500	164	44Eta Peg	2.9480	5400.0	91	6071	No
107	GOM_NL__2PRFIN20030429_060123_000000462016_00005_06071_6514.N1	29-APR-2003 06:01:23	Twilight	46.000	90	54Alp Peg	2.4870	11000.	92	6071	No
108	GOM_NL__2PRFIN20030429_060525_000000672016_00005_06071_6515.N1	29-APR-2003 06:05:25	Dark	66.500	61	8Eps Peg	2.1000	3900.0	133	6071	No
109	GOM_NL__2PRFIN20030429_060753_000000542016_00005_06071_6516.N1	29-APR-2003 06:07:53	Dark	53.500	162	34Alp Aqr	2.9440	5350.0	107	6071	No
110	GOM_NL__2PRFIN20030429_061123_000000632016_00005_06071_6517.N1	29-APR-2003 06:11:23	Dark	63.000	154	22Bet Aqr	2.8990	5700.0	126	6071	No
111	GOM_NL__2PRFIN20030429_061406_000000452016_00005_06071_6518.N1	29-APR-2003 06:14:06	Dark	45.000	18	24Alp PsA	1.1660	9700.0	90	6071	No
112	GOM_NL__2PRFIN20030429_061813_000000432016_00005_06071_6519.N1	29-APR-2003 06:18:13	Dark	42.500	172	Gam Gru	3.0030	13100.	85	6071	No
113	GOM_NL__2PRFIN20030429_061950_000000422016_00005_06071_6520.N1	29-APR-2003 06:19:50	Dark	41.500	31	Alp Gru	1.7340	15200.	83	6071	No
114	GOM_NL__2PRFIN20030429_062233_000000402016_00006_06072_6521.N1	29-APR-2003 06:22:33	Dark	40.000	148	Alp Tuc	2.8780	4100.0	80	6072	No
115	GOM_NL__2PRFIN20030429_062515_000000402016_00006_06072_6628.N1	29-APR-2003 06:25:15	Dark	40.000	45	Alp Pav	1.9400	26000.	80	6072	No
116	GOM_NL__2PRFIN20030429_063036_000000732016_00006_06072_6629.N1	29-APR-2003 06:30:36	Dark	72.500	103	38Zet Sgr	2.6000	9700.0	145	6072	No
117	GOM_NL__2PRFIN20030429_063320_000000702016_00006_06072_6630.N1	29-APR-2003 06:33:20	Straylight	70.000	38	20Eps Sgr	1.8360	11000.	140	6072	No
118	GOM_NL__2PRFIN20030429_063618_000000432016_00006_06072_6631.N1	29-APR-2003 06:36:18	Straylight	42.500	4	Alp1Cen	-0.010000	5800.0	85	6072	No
119	GOM_NL__2PRFIN20030429_063942_000000432016_00006_06072_6632.N1	29-APR-2003 06:39:42	Straylight	42.500	78	Alp Lup	2.3040	28000.	85	6072	No
120	GOM_NL__2PRFIN20030429_064115_000000422016_00006_06072_6633.N1	29-APR-2003 06:41:15	Straylight	42.000	81	Eta Cen	2.3560	28000.	84	6072	No
121	GOM_NL__2PRFIN20030429_064323_000000782016_00006_06072_6634.N1	29-APR-2003 06:43:23	Twi_and_stray	78.000	16	21Alp Sco	1.0200	3000.0	156	6072	No
122	GOM_NL__2PRFIN20030429_064544_000000642016_00006_06072_6635.N1	29-APR-2003 06:45:44	Twi_and_stray	63.500	80	7Del Sco	2.3160	30000.	127	6072	No
123	GOM_NL__2PRFIN20030429_065124_000000512016_00006_06072_6636.N1	29-APR-2003 06:51:24	Bright	51.000	104	27Bet Lib	2.6140	13100.	102	6072	No
124	GOM_NL__2PRFIN20030429_065406_000000372016_00006_06072_6637.N1	29-APR-2003 06:54:06	Bright	36.500	121	29Gam Vir	2.7400	7200.0	73	6072	No
125	GOM_NL__2PRFIN20030429_065728_000000372016_00006_06072_6638.N1	29-APR-2003 06:57:28	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	6072	No
126	GOM_NL__2PRFIN20030429_065953_000000412016_00006_06072_6639.N1	29-APR-2003 06:59:53	Bright	41.000	111	8Eta Boo	2.6800	6000.0	82	6072	No
127	GOM_NL__2PRFIN20030429_070347_000000492016_00006_06072_6640.N1	29-APR-2003 07:03:47	Bright	48.500	83		2.3780	11000.	97	6072	No
128	GOM_NL__2PRFIN20030429_070645_000000432016_00006_06072_6641.N1	29-APR-2003 07:06:45	Bright	42.500	180	27Gam Boo	3.0400	8000.0	85	6072	No
129	GOM_NL__2PRFIN20030429_070852_000000392016_00006_06072_6642.N1	29-APR-2003 07:08:52	Bright	39.000	39	85Eta UMa	1.8540	24000.	78	6072	No
130	GOM_NL__2PRFIN20030429_071009_000000392016_00006_06072_6643.N1	29-APR-2003 07:10:09	Bright	38.500	55	79Zet UMa	2.0600	10200.	77	6072	No
131	GOM_NL__2PRFIN20030429_071223_000000352016_00006_06072_6644.N1	29-APR-2003 07:12:23	Bright	34.500	36	50Alp UMa	1.8000	6300.0	69	6072	No
132	GOM_NL__2PRFIN20030429_071620_000000402016_00006_06072_6645.N1	29-APR-2003 07:16:20	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	6072	No
133	GOM_NL__2PRFIN20030429_071959_000000362016_00006_06072_6646.N1	29-APR-2003 07:19:59	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	6072	No
134	GOM_NL__2PRFIN20030429_072631_000000412016_00006_06072_6647.N1	29-APR-2003 07:26:31	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	6072	No
135	GOM_NL__2PRFIN20030429_072942_000001602016_00006_06072_6648.N1	29-APR-2003 07:29:42	Bright	160.00	5	3Alp Lyr	0.033000	11000.	320	6072	No
136	GOM_NL__2PRFIN20030429_073738_000000432016_00006_06072_6649.N1	29-APR-2003 07:37:38	Bright	43.000	164	44Eta Peg	2.9480	5400.0	86	6072	No
137	GOM_NL__2PRFIN20030429_074159_000000442016_00006_06072_6650.N1	29-APR-2003 07:41:59	Twilight	44.000	90	54Alp Peg	2.4870	11000.	88	6072	No
138	GOM_NL__2PRFIN20030429_074602_000000622016_00006_06072_6651.N1	29-APR-2003 07:46:02	Dark	62.000	61	8Eps Peg	2.1000	3900.0	124	6072	No
139	GOM_NL__2PRFIN20030429_074829_000000512016_00006_06072_6652.N1	29-APR-2003 07:48:29	Dark	51.000	162	34Alp Aqr	2.9440	5350.0	102	6072	No
140	GOM_NL__2PRFIN20030429_075200_000000572016_00006_06072_6653.N1	29-APR-2003 07:52:00	Dark	57.000	154	22Bet Aqr	2.8990	5700.0	114	6072	No
141	GOM_NL__2PRFIN20030429_075442_000000432016_00006_06072_6654.N1	29-APR-2003 07:54:42	Dark	43.000	18	24Alp PsA	1.1660	9700.0	86	6072	No
142	GOM_NL__2PRFIN20030429_075850_000000422016_00006_06072_6655.N1	29-APR-2003 07:58:50	Dark	41.500	172	Gam Gru	3.0030	13100.	83	6072	No
143	GOM_NL__2PRFIN20030429_080026_000000412016_00006_06072_6656.N1	29-APR-2003 08:00:26	Dark	40.500	31	Alp Gru	1.7340	15200.	81	6072	No
144	GOM_NL__2PRFIN20030429_080309_000000392016_00007_06073_6657.N1	29-APR-2003 08:03:09	Dark	38.500	148	Alp Tuc	2.8780	4100.0	77	6073	No
145	GOM_NL__2PRFIN20030429_080552_000000422016_00007_06073_6512.N1	29-APR-2003 08:05:52	Dark	41.500	45	Alp Pav	1.9400	26000.	83	6073	No
146	GOM_NL__2PRFIN20030429_081114_000000762016_00007_06073_6513.N1	29-APR-2003 08:11:14	Dark	76.000	103	38Zet Sgr	2.6000	9700.0	152	6073	No
147	GOM_NL__2PRFIN20030429_081357_000000682016_00007_06073_6514.N1	29-APR-2003 08:13:57	Straylight	68.000	38	20Eps Sgr	1.8360	11000.	136	6073	No
148	GOM_NL__2PRFIN20030429_081654_000000472016_00007_06073_6515.N1	29-APR-2003 08:16:54	Straylight	46.500	4	Alp1Cen	-0.010000	5800.0	93	6073	No
149	GOM_NL__2PRFIN20030429_082018_000000412016_00007_06073_6516.N1	29-APR-2003 08:20:18	Straylight	41.000	78	Alp Lup	2.3040	28000.	82	6073	No
150	GOM_NL__2PRFIN20030429_082151_000000412016_00007_06073_6517.N1	29-APR-2003 08:21:51	Straylight	40.500	81	Eta Cen	2.3560	28000.	81	6073	No
151	GOM_NL__2PRFIN20030429_082400_000000812016_00007_06073_6518.N1	29-APR-2003 08:24:00	Twi_and_stray	81.000	16	21Alp Sco	1.0200	3000.0	162	6073	No
152	GOM_NL__2PRFIN20030429_082620_000000662016_00007_06073_6519.N1	29-APR-2003 08:26:20	Twi_and_stray	65.500	80	7Del Sco	2.3160	30000.	131	6073	No
153	GOM_NL__2PRFIN20030429_083200_000000512016_00007_06073_6520.N1	29-APR-2003 08:32:00	Bright	50.500	104	27Bet Lib	2.6140	13100.	101	6073	No
154	GOM_NL__2PRFIN20030429_083442_000000372016_00007_06073_6521.N1	29-APR-2003 08:34:42	Bright	36.500	121	29Gam Vir	2.7400	7200.0	73	6073	No
155	GOM_NL__2PRFIN20030429_083804_000000372016_00007_06073_6522.N1	29-APR-2003 08:38:04	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	6073	No
156	GOM_NL__2PRFIN20030429_084029_000000412016_00007_06073_6523.N1	29-APR-2003 08:40:29	Bright	41.000	111	8Eta Boo	2.6800	6000.0	82	6073	No
157	GOM_NL__2PRFIN20030429_084422_000000482016_00007_06073_6524.N1	29-APR-2003 08:44:22	Bright	48.000	83		2.3780	11000.	96	6073	No
158	GOM_NL__2PRFIN20030429_084720_000000432016_00007_06073_6525.N1	29-APR-2003 08:47:20	Bright	42.500	180	27Gam Boo	3.0400	8000.0	85	6073	No
159	GOM_NL__2PRFIN20030429_084928_000000392016_00007_06073_6526.N1	29-APR-2003 08:49:28	Bright	38.500	39	85Eta UMa	1.8540	24000.	77	6073	No
160	GOM_NL__2PRFIN20030429_085045_000000382016_00007_06073_6527.N1	29-APR-2003 08:50:45	Bright	37.500	55	79Zet UMa	2.0600	10200.	75	6073	No

161	GOM_NL__2PRFIN20030429_085259_000000372016_00007_06073_6528.N1	29-APR-2003 08:52:59	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	6073	No
162	GOM_NL__2PRFIN20030429_085655_000000392016_00007_06073_6529.N1	29-APR-2003 08:56:55	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	6073	No
163	GOM_NL__2PRFIN20030429_090034_000000342016_00007_06073_6530.N1	29-APR-2003 09:00:34	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	6073	No
164	GOM_NL__2PRFIN20030429_090707_000000442016_00007_06073_6531.N1	29-APR-2003 09:07:07	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	6073	No
165	GOM_NL__2PRFIN20030429_091016_000001692016_00007_06073_6532.N1	29-APR-2003 09:10:16	Bright	169.00	5	3Alp Lyr	0.033000	11000.	338	6073	No
166	GOM_NL__2PRFIN20030429_091814_000000462016_00007_06073_6533.N1	29-APR-2003 09:18:14	Bright	46.000	164	44Eta Peg	2.9480	5400.0	92	6073	No
167	GOM_NL__2PRFIN20030429_092235_000000422016_00007_06073_6534.N1	29-APR-2003 09:22:35	Twilight	42.000	90	54Alp Peg	2.4870	11000.	84	6073	No
168	GOM_NL__2PRFIN20030429_092639_000000632016_00007_06073_6535.N1	29-APR-2003 09:26:39	Dark	62.500	61	8Eps Peg	2.1000	3900.0	125	6073	No
169	GOM_NL__2PRFIN20030429_092905_000000532016_00007_06073_6536.N1	29-APR-2003 09:29:05	Dark	53.000	162	34Alp Aqr	2.9440	5350.0	106	6073	No
170	GOM_NL__2PRFIN20030429_093237_000000602016_00007_06073_6537.N1	29-APR-2003 09:32:37	Dark	60.000	154	22Bet Aqr	2.8990	5700.0	120	6073	No
171	GOM_NL__2PRFIN20030429_093518_000000442016_00007_06073_6538.N1	29-APR-2003 09:35:18	Dark	43.500	18	24Alp PsA	1.1660	9700.0	87	6073	No
172	GOM_NL__2PRFIN20030429_093926_000000432016_00007_06073_6539.N1	29-APR-2003 09:39:26	Dark	42.500	172	Gam Gru	3.0030	13100.	85	6073	No
173	GOM_NL__2PRFIN20030429_094102_000000412016_00007_06073_6540.N1	29-APR-2003 09:41:02	Dark	41.000	31	Alp Gru	1.7340	15200.	82	6073	No
174	GOM_NL__2PRFIN20030429_094345_000000382016_00008_06074_6541.N1	29-APR-2003 09:43:45	Dark	37.500	148	Alp Tuc	2.8780	4100.0	75	6074	No
175	GOM_NL__2PRFIN20030429_094628_000000432016_00008_06074_6512.N1	29-APR-2003 09:46:28	Dark	42.500	45	Alp Pav	1.9400	26000.	85	6074	No
176	GOM_NL__2PRFIN20030429_095152_000000752016_00008_06074_6513.N1	29-APR-2003 09:51:52	Dark	75.000	103	38Zet Sgr	2.6000	9700.0	150	6074	No
177	GOM_NL__2PRFIN20030429_095434_000000752016_00008_06074_6514.N1	29-APR-2003 09:54:34	Straylight	75.000	38	20Eps Sgr	1.8360	11000.	150	6074	No
178	GOM_NL__2PRFIN20030429_095730_000000532016_00008_06074_6515.N1	29-APR-2003 09:57:30	Straylight	53.000	4	Alp1Cen	-0.010000	5800.0	106	6074	No
179	GOM_NL__2PRFIN20030429_100054_000000452016_00008_06074_6516.N1	29-APR-2003 10:00:54	Straylight	44.500	78	Alp Lup	2.3040	28000.	89	6074	No
180	GOM_NL__2PRFIN20030429_100227_000000432016_00008_06074_6517.N1	29-APR-2003 10:02:27	Straylight	43.000	81	Eta Cen	2.3560	28000.	86	6074	No
181	GOM_NL__2PRFIN20030429_100436_000000732016_00008_06074_6518.N1	29-APR-2003 10:04:36	Twi_and_stray	73.000	16	21Alp Sco	1.0200	3000.0	146	6074	No
182	GOM_NL__2PRFIN20030429_100656_000000652016_00008_06074_6519.N1	29-APR-2003 10:06:56	Twi_and_stray	65.000	80	7Del Sco	2.3160	30000.	130	6074	No
183	GOM_NL__2PRFIN20030429_101236_000000502016_00008_06074_6520.N1	29-APR-2003 10:12:36	Bright	50.000	104	27Bet Lib	2.6140	13100.	100	6074	No
184	GOM_NL__2PRFIN20030429_101518_000000382016_00008_06074_6521.N1	29-APR-2003 10:15:18	Bright	37.500	121	29Gam Vir	2.7400	7200.0	75	6074	No
185	GOM_NL__2PRFIN20030429_101840_000000382016_00008_06074_6522.N1	29-APR-2003 10:18:40	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	6074	No
186	GOM_NL__2PRFIN20030429_102104_000000412016_00008_06074_6523.N1	29-APR-2003 10:21:04	Bright	40.500	111	8Eta Boo	2.6800	6000.0	81	6074	No
187	GOM_NL__2PRFIN20030429_102457_000000502016_00008_06074_6524.N1	29-APR-2003 10:24:57	Bright	49.500	83		2.3780	11000.	99	6074	No
188	GOM_NL__2PRFIN20030429_102756_000000442016_00008_06074_6525.N1	29-APR-2003 10:27:56	Bright	44.000	180	27Gam Boo	3.0400	8000.0	88	6074	No
189	GOM_NL__2PRFIN20030429_103003_000000382016_00008_06074_6526.N1	29-APR-2003 10:30:03	Bright	37.500	39	85Eta UMa	1.8540	24000.	75	6074	No
190	GOM_NL__2PRFIN20030429_103120_000000382016_00008_06074_6527.N1	29-APR-2003 10:31:20	Bright	37.500	55	79Zet UMa	2.0600	10200.	75	6074	No
191	GOM_NL__2PRFIN20030429_103335_000000382016_00008_06074_6528.N1	29-APR-2003 10:33:35	Bright	38.000	36	50Alp UMa	1.8000	6300.0	76	6074	No
192	GOM_NL__2PRFIN20030429_103731_000000402016_00008_06074_6529.N1	29-APR-2003 10:37:31	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	6074	No
193	GOM_NL__2PRFIN20030429_104110_000000362016_00008_06074_6530.N1	29-APR-2003 10:41:10	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	6074	No
194	GOM_NL__2PRFIN20030429_104742_000000432016_00008_06074_6531.N1	29-APR-2003 10:47:42	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	6074	No
195	GOM_NL__2PRFIN20030429_105050_000001592016_00008_06074_6532.N1	29-APR-2003 10:50:50	Bright	159.00	5	3Alp Lyr	0.033000	11000.	318	6074	No
196	GOM_NL__2PRFIN20030429_105850_000000452016_00008_06074_6533.N1	29-APR-2003 10:58:50	Bright	45.000	164	44Eta Peg	2.9480	5400.0	90	6074	No
197	GOM_NL__2PRFIN20030429_110311_000000462016_00008_06074_6534.N1	29-APR-2003 11:03:11	Twilight	46.000	90	54Alp Peg	2.4870	11000.	92	6074	No
198	GOM_NL__2PRFIN20030429_110715_000000672016_00008_06074_6535.N1	29-APR-2003 11:07:15	Dark	67.000	61	8Eps Peg	2.1000	3900.0	134	6074	No
199	GOM_NL__2PRFIN20030429_110942_000000522016_00008_06074_6536.N1	29-APR-2003 11:09:42	Dark	51.500	162	34Alp Aqr	2.9440	5350.0	103	6074	No
200	GOM_NL__2PRFIN20030429_111313_000000602016_00008_06074_6537.N1	29-APR-2003 11:13:13	Dark	60.000	154	22Bet Aqr	2.8990	5700.0	120	6074	No
201	GOM_NL__2PRFIN20030429_111555_000000522016_00008_06074_6538.N1	29-APR-2003 11:15:55	Dark	52.000	18	24Alp PsA	1.1660	9700.0	104	6074	No
202	GOM_NL__2PRFIN20030429_112003_000000432016_00008_06074_6539.N1	29-APR-2003 11:20:03	Dark	43.000	172	Gam Gru	3.0030	13100.	86	6074	No
203	GOM_NL__2PRFIN20030429_112138_000000452016_00008_06074_6540.N1	29-APR-2003 11:21:38	Dark	45.000	31	Alp Gru	1.7340	15200.	90	6074	No
204	GOM_NL__2PRFIN20030429_112421_000000392016_00009_06075_6541.N1	29-APR-2003 11:24:21	Dark	39.000	148	Alp Tuc	2.8780	4100.0	78	6075	No
205	GOM_NL__2PRFIN20030429_112704_000000462016_00009_06075_6629.N1	29-APR-2003 11:27:04	Dark	46.000	45	Alp Pav	1.9400	26000.	92	6075	No
206	GOM_NL__2PRFIN20030429_113229_000000762016_00009_06075_6630.N1	29-APR-2003 11:32:29	Dark	75.500	103	38Zet Sgr	2.6000	9700.0	151	6075	No
207	GOM_NL__2PRFIN20030429_113512_000000692016_00009_06075_6631.N1	29-APR-2003 11:35:12	Straylight	69.000	38	20Eps Sgr	1.8360	11000.	138	6075	No
208	GOM_NL__2PRFIN20030429_113806_000000442016_00009_06075_6632.N1	29-APR-2003 11:38:06	Straylight	43.500	4	Alp1Cen	-0.010000	5800.0	87	6075	No
209	GOM_NL__2PRFIN20030429_114130_000000402016_00009_06075_6633.N1	29-APR-2003 11:41:30	Straylight	39.500	78	Alp Lup	2.3040	28000.	79	6075	No
210	GOM_NL__2PRFIN20030429_114303_000000402016_00009_06075_6634.N1	29-APR-2003 11:43:03	Straylight	40.000	81	Eta Cen	2.3560	28000.	80	6075	No
211	GOM_NL__2PRFIN20030429_114512_000000742016_00009_06075_6635.N1	29-APR-2003 11:45:12	Twi_and_stray	73.500	16	21Alp Sco	1.0200	3000.0	147	6075	No
212	GOM_NL__2PRFIN20030429_114733_000000642016_00009_06075_6636.N1	29-APR-2003 11:47:33	Twi_and_stray	63.500	80	7Del Sco	2.3160	30000.	127	6075	No
213	GOM_NL__2PRFIN20030429_114930_000000372016_00009_06075_6637.N1	29-APR-2003 11:49:30	Bright	37.000	169	46Gam Hya	2.9910	4700.0	74	6075	No
214	GOM_NL__2PRFIN20030429_115311_000000512016_00009_06075_6638.N1	29-APR-2003 11:53:11	Bright	51.000	104	27Bet Lib	2.6140	13100.	102	6075	No
215	GOM_NL__2PRFIN20030429_115554_000000382016_00009_06075_6639.N1	29-APR-2003 11:55:54	Bright	37.500	121	29Gam Vir	2.7400	7200.0	75	6075	No
216	GOM_NL__2PRFIN20030429_115915_000000372016_00009_06075_6640.N1	29-APR-2003 11:59:15	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	6075	No
217	GOM_NL__2PRFIN20030429_120140_000000392016_00009_06075_6641.N1	29-APR-2003 12:01:40	Bright	39.000	111	8Eta Boo	2.6800	6000.0	78	6075	No
218	GOM_NL__2PRFIN20030429_120532_000000502016_00009_06075_6642.N1	29-APR-2003 12:05:32	Bright	50.000	83		2.3780	11000.	100	6075	No
219	GOM_NL__2PRFIN20030429_120830_000000432016_00009_06075_6643.N1	29-APR-2003 12:08:30	Bright	42.500	180	27Gam Boo	3.0400	8000.0	85	6075	No

220	GOM_NL__2PRFIN20030429_121038_000000402016_00009_06075_6644.N1	29-APR-2003 12:10:38	Bright	40.000	39	85Eta UMa	1.8540	24000.	80	6075	No
221	GOM_NL__2PRFIN20030429_121156_000000472016_00009_06075_6645.N1	29-APR-2003 12:11:56	Bright	47.000	55	79Zet UMa	2.0600	10200.	94	6075	No
222	GOM_NL__2PRFIN20030429_121411_000000392016_00009_06075_6646.N1	29-APR-2003 12:14:11	Bright	38.500	36	50Alp UMa	1.8000	6300.0	77	6075	No
223	GOM_NL__2PRFIN20030429_121806_000000412016_00009_06075_6647.N1	29-APR-2003 12:18:06	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	6075	No
224	GOM_NL__2PRFIN20030429_122146_000000362016_00009_06075_6648.N1	29-APR-2003 12:21:46	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	6075	No
225	GOM_NL__2PRFIN20030429_122818_000000432016_00009_06075_6649.N1	29-APR-2003 12:28:18	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	6075	No
226	GOM_NL__2PRFIN20030429_123124_000001452016_00009_06075_6650.N1	29-APR-2003 12:31:24	Bright	145.00	5	3Alp Lyr	0.033000	11000.	290	6075	No
227	GOM_NL__2PRFIN20030429_123524_000000722016_00009_06075_6651.N1	29-APR-2003 12:35:24	Bright	71.500	66	37Gam Cyg	2.2080	5900.0	143	6075	No
228	GOM_NL__2PRFIN20030429_123849_000000842016_00009_06075_6652.N1	29-APR-2003 12:38:49	Twi_and_stray	83.500	92	53Eps Cyg	2.5000	4500.0	167	6075	No
229	GOM_NL__2PRFIN20030429_124347_000000462016_00009_06075_6653.N1	29-APR-2003 12:43:47	Twilight	46.000	90	54Alp Peg	2.4870	11000.	92	6075	No
230	GOM_NL__2PRFIN20030429_124751_000000682016_00009_06075_6654.N1	29-APR-2003 12:47:51	Dark	67.500	61	8Eps Peg	2.1000	3900.0	135	6075	No
231	GOM_NL__2PRFIN20030429_125019_000000522016_00009_06075_6655.N1	29-APR-2003 12:50:19	Dark	51.500	162	34Alp Aqr	2.9440	5350.0	103	6075	No
232	GOM_NL__2PRFIN20030429_125350_000000622016_00009_06075_6656.N1	29-APR-2003 12:53:50	Dark	61.500	154	22Bet Aqr	2.8990	5700.0	123	6075	No
233	GOM_NL__2PRFIN20030429_125631_000000522016_00009_06075_6657.N1	29-APR-2003 12:56:31	Dark	51.500	18	24Alp PsA	1.1660	9700.0	103	6075	No
234	GOM_NL__2PRFIN20030429_130039_000000432016_00009_06075_6658.N1	29-APR-2003 13:00:39	Dark	42.500	172	Gam Gru	3.0030	13100.	85	6075	No
235	GOM_NL__2PRFIN20030429_130215_000000442016_00009_06075_6659.N1	29-APR-2003 13:02:15	Dark	44.000	31	Alp Gru	1.7340	15200.	88	6075	No
236	GOM_NL__2PRFIN20030429_130457_000000392016_00010_06076_6660.N1	29-APR-2003 13:04:57	Dark	38.500	148	Alp Tuc	2.8780	4100.0	77	6076	No
237	GOM_NL__2PRFIN20030429_130741_000000432016_00010_06076_6511.N1	29-APR-2003 13:07:41	Dark	42.500	45	Alp Pav	1.9400	26000.	85	6076	No
238	GOM_NL__2PRFIN20030429_131305_000000792016_00010_06076_6512.N1	29-APR-2003 13:13:05	Dark	79.000	103	38Zet Sgr	2.6000	9700.0	158	6076	No
239	GOM_NL__2PRFIN20030429_131548_000000702016_00010_06076_6513.N1	29-APR-2003 13:15:48	Straylight	69.500	38	20Eps Sgr	1.8360	11000.	139	6076	No
240	GOM_NL__2PRFIN20030429_131842_000000532016_00010_06076_6514.N1	29-APR-2003 13:18:42	Straylight	53.000	4	Alp1Cen	-0.010000	5800.0	106	6076	No
241	GOM_NL__2PRFIN20030429_132206_000000412016_00010_06076_6515.N1	29-APR-2003 13:22:06	Straylight	41.000	78	Alp Lup	2.3040	28000.	82	6076	No
242	GOM_NL__2PRFIN20030429_132339_000000432016_00010_06076_6516.N1	29-APR-2003 13:23:39	Straylight	42.500	81	Eta Cen	2.3560	28000.	85	6076	No
243	GOM_NL__2PRFIN20030429_132547_000000832016_00010_06076_6517.N1	29-APR-2003 13:25:47	Twi_and_stray	82.500	16	21Alp Sco	1.0200	3000.0	165	6076	No
244	GOM_NL__2PRFIN20030429_132808_000000682016_00010_06076_6518.N1	29-APR-2003 13:28:08	Twi_and_stray	67.500	80	7Del Sco	2.3160	30000.	135	6076	No
245	GOM_NL__2PRFIN20030429_133005_000000522016_00010_06076_6519.N1	29-APR-2003 13:30:05	Bright	51.500	169	46Gam Hya	2.9910	4700.0	103	6076	No
246	GOM_NL__2PRFIN20030429_133347_000000522016_00010_06076_6520.N1	29-APR-2003 13:33:47	Bright	51.500	104	27Bet Lib	2.6140	13100.	103	6076	No
247	GOM_NL__2PRFIN20030429_133629_000000382016_00010_06076_6521.N1	29-APR-2003 13:36:29	Bright	37.500	121	29Gam Vir	2.7400	7200.0	75	6076	No
248	GOM_NL__2PRFIN20030429_133950_000000382016_00010_06076_6522.N1	29-APR-2003 13:39:50	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	6076	No
249	GOM_NL__2PRFIN20030429_134215_000000402016_00010_06076_6523.N1	29-APR-2003 13:42:15	Bright	39.500	111	8Eta Boo	2.6800	6000.0	79	6076	No
250	GOM_NL__2PRFIN20030429_134607_000000482016_00010_06076_6524.N1	29-APR-2003 13:46:07	Bright	47.500	83		2.3780	11000.	95	6076	No
251	GOM_NL__2PRFIN20030429_134907_000000422016_00010_06076_6525.N1	29-APR-2003 13:49:07	Bright	41.500	180	27Gam Boo	3.0400	8000.0	83	6076	No
252	GOM_NL__2PRFIN20030429_135115_000000392016_00010_06076_6526.N1	29-APR-2003 13:51:15	Bright	38.500	39	85Eta UMa	1.8540	24000.	77	6076	No
253	GOM_NL__2PRFIN20030429_135233_000000372016_00010_06076_6527.N1	29-APR-2003 13:52:33	Bright	37.000	55	79Zet UMa	2.0600	10200.	74	6076	No
254	GOM_NL__2PRFIN20030429_135448_000000382016_00010_06076_6528.N1	29-APR-2003 13:54:48	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	6076	No
255	GOM_NL__2PRFIN20030429_135843_000000402016_00010_06076_6529.N1	29-APR-2003 13:58:43	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	6076	No
256	GOM_NL__2PRFIN20030429_140223_000000342016_00010_06076_6530.N1	29-APR-2003 14:02:23	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	6076	No
257	GOM_NL__2PRFIN20030429_140854_000000422016_00010_06076_6531.N1	29-APR-2003 14:08:54	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	6076	No
258	GOM_NL__2PRFIN20030429_141158_000001562016_00010_06076_6532.N1	29-APR-2003 14:11:58	Bright	156.00	5	3Alp Lyr	0.033000	11000.	312	6076	No
259	GOM_NL__2PRFIN20030429_141602_000000732016_00010_06076_6533.N1	29-APR-2003 14:16:02	Bright	72.500	66	37Gam Cyg	2.2080	5900.0	145	6076	No
260	GOM_NL__2PRFIN20030429_141928_000000762016_00010_06076_6534.N1	29-APR-2003 14:19:28	Twi_and_stray	75.500	92	53Eps Cyg	2.5000	4500.0	151	6076	No
261	GOM_NL__2PRFIN20030429_142424_000000432016_00010_06076_6535.N1	29-APR-2003 14:24:24	Twilight	43.000	90	54Alp Peg	2.4870	11000.	86	6076	No
262	GOM_NL__2PRFIN20030429_142829_000000632016_00010_06076_6536.N1	29-APR-2003 14:28:29	Dark	63.000	61	8Eps Peg	2.1000	3900.0	126	6076	No
263	GOM_NL__2PRFIN20030429_143056_000000512016_00010_06076_6537.N1	29-APR-2003 14:30:56	Dark	50.500	162	34Alp Aqr	2.9440	5350.0	101	6076	No
264	GOM_NL__2PRFIN20030429_143428_000000612016_00010_06076_6538.N1	29-APR-2003 14:34:28	Dark	60.500	154	22Bet Aqr	2.8990	5700.0	121	6076	No
265	GOM_NL__2PRFIN20030429_143708_000000452016_00010_06076_6539.N1	29-APR-2003 14:37:08	Dark	44.500	18	24Alp PsA	1.1660	9700.0	89	6076	No
266	GOM_NL__2PRFIN20030429_144117_000000412016_00010_06076_6540.N1	29-APR-2003 14:41:17	Dark	41.000	172	Gam Gru	3.0030	13100.	82	6076	No
267	GOM_NL__2PRFIN20030429_144252_000000442016_00010_06076_6541.N1	29-APR-2003 14:42:52	Dark	44.000	31	Alp Gru	1.7340	15200.	88	6076	No
268	GOM_NL__2PRFIN20030429_144535_000000432016_00011_06077_6511.N1	29-APR-2003 14:45:35	Dark	43.000	148	Alp Tuc	2.8780	4100.0	86	6077	No
269	GOM_NL__2PRFIN20030429_144818_000000422016_00011_06077_6512.N1	29-APR-2003 14:48:18	Dark	42.000	45	Alp Pav	1.9400	26000.	84	6077	No
270	GOM_NL__2PRFIN20030429_145346_000000752016_00011_06077_6513.N1	29-APR-2003 14:53:46	Dark	75.000	103	38Zet Sgr	2.6000	9700.0	150	6077	No
271	GOM_NL__2PRFIN20030429_145627_000000672016_00011_06077_6514.N1	29-APR-2003 14:56:27	Straylight	66.500	38	20Eps Sgr	1.8360	11000.	133	6077	No
272	GOM_NL__2PRFIN20030429_145919_000000452016_00011_06077_6515.N1	29-APR-2003 14:59:19	Straylight	45.000	4	Alp1Cen	-0.010000	5800.0	90	6077	No
273	GOM_NL__2PRFIN20030429_150243_000000392016_00011_06077_6516.N1	29-APR-2003 15:02:43	Straylight	38.500	78	Alp Lup	2.3040	28000.	77	6077	No
274	GOM_NL__2PRFIN20030429_150416_000000412016_00011_06077_6517.N1	29-APR-2003 15:04:16	Straylight	40.500	81	Eta Cen	2.3560	28000.	81	6077	No
275	GOM_NL__2PRFIN20030429_150625_000000742016_00011_06077_6518.N1	29-APR-2003 15:06:25	Twi_and_stray	74.000	16	21Alp Sco	1.0200	3000.0	148	6077	No
276	GOM_NL__2PRFIN20030429_150846_000000642016_00011_06077_6519.N1	29-APR-2003 15:08:46	Twi_and_stray	64.000	80	7Del Sco	2.3160	30000.	128	6077	No
277	GOM_NL__2PRFIN20030429_151042_000000462016_00011_06077_6520.N1	29-APR-2003 15:10:42	Bright	45.500	169	46Gam Hya	2.9910	4700.0	91	6077	No
278	GOM_NL__2PRFIN20030429_151424_000000512016_00011_06077_6521.N1	29-APR-2003 15:14:24	Bright	51.000	104	27Bet Lib	2.6140	13100.	102	6077	No

279	GOM_NL__2PRFIN20030429_151707_000000372016_00011_06077_6522.N1	29-APR-2003 15:17:07	Bright	36.500	121	29Gam Vir	2.7400	7200.0	73	6077	No
280	GOM_NL__2PRFIN20030429_152028_000000362016_00011_06077_6523.N1	29-APR-2003 15:20:28	Bright	36.000	138	47Eps Vir	2.8280	4700.0	72	6077	No
281	GOM_NL__2PRFIN20030429_152252_000000392016_00011_06077_6524.N1	29-APR-2003 15:22:52	Bright	39.000	111	8Eta Boo	2.6800	6000.0	78	6077	No
282	GOM_NL__2PRFIN20030429_152643_000000492016_00011_06077_6525.N1	29-APR-2003 15:26:43	Bright	48.500	83		2.3780	11000.	97	6077	No
283	GOM_NL__2PRFIN20030429_152942_000000402016_00011_06077_6526.N1	29-APR-2003 15:29:42	Bright	40.000	180	27Gam Boo	3.0400	8000.0	80	6077	No
284	GOM_NL__2PRFIN20030429_153151_000000402016_00011_06077_6527.N1	29-APR-2003 15:31:51	Bright	39.500	39	85Eta UMa	1.8540	24000.	79	6077	No
285	GOM_NL__2PRFIN20030429_153308_000000382016_00011_06077_6528.N1	29-APR-2003 15:33:08	Bright	37.500	55	79Zet UMa	2.0600	10200.	75	6077	No
286	GOM_NL__2PRFIN20030429_153524_000000392016_00011_06077_6529.N1	29-APR-2003 15:35:24	Bright	38.500	36	50Alp UMa	1.8000	6300.0	77	6077	No
287	GOM_NL__2PRFIN20030429_153918_000000392016_00011_06077_6530.N1	29-APR-2003 15:39:18	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	6077	No
288	GOM_NL__2PRFIN20030429_154259_000000362016_00011_06077_6531.N1	29-APR-2003 15:42:59	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	6077	No
289	GOM_NL__2PRFIN20030429_154930_000000412016_00011_06077_6532.N1	29-APR-2003 15:49:30	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	6077	No
290	GOM_NL__2PRFIN20030429_155233_000001722016_00011_06077_6533.N1	29-APR-2003 15:52:33	Bright	171.50	5	3Alp Lyr	0.033000	11000.	343	6077	No
291	GOM_NL__2PRFIN20030429_155639_000000702016_00011_06077_6534.N1	29-APR-2003 15:56:39	Bright	69.500	66	37Gam Cyg	2.2080	5900.0	139	6077	No
292	GOM_NL__2PRFIN20030429_160004_000000742016_00011_06077_6535.N1	29-APR-2003 16:00:04	Twi_and_stray	73.500	92	53Eps Cyg	2.5000	4500.0	147	6077	No
293	GOM_NL__2PRFIN20030429_160500_000000452016_00011_06077_6536.N1	29-APR-2003 16:05:00	Twilight	45.000	90	54Alp Peg	2.4870	11000.	90	6077	No
294	GOM_NL__2PRFIN20030429_160906_000000702016_00011_06077_6537.N1	29-APR-2003 16:09:06	Dark	70.000	61	8Eps Peg	2.1000	3900.0	140	6077	No
295	GOM_NL__2PRFIN20030429_161133_000000532016_00011_06077_6538.N1	29-APR-2003 16:11:33	Dark	53.000	162	34Alp Aqr	2.9440	5350.0	106	6077	No
296	GOM_NL__2PRFIN20030429_161505_000000592016_00011_06077_6539.N1	29-APR-2003 16:15:05	Dark	59.000	154	22Bet Aqr	2.8990	5700.0	118	6077	No
297	GOM_NL__2PRFIN20030429_161744_000000452016_00011_06077_6540.N1	29-APR-2003 16:17:44	Dark	45.000	18	24Alp PsA	1.1660	9700.0	90	6077	No
298	GOM_NL__2PRFIN20030429_162153_000000432016_00011_06077_6541.N1	29-APR-2003 16:21:53	Dark	43.000	172	Gam Gru	3.0030	13100.	86	6077	No
299	GOM_NL__2PRFIN20030429_162328_000000472016_00011_06077_6542.N1	29-APR-2003 16:23:28	Dark	46.500	31	Alp Gru	1.7340	15200.	93	6077	No
300	GOM_NL__2PRFIN20030429_162611_000000452016_00012_06078_6511.N1	29-APR-2003 16:26:11	Dark	45.000	148	Alp Tuc	2.8780	4100.0	90	6078	No
301	GOM_NL__2PRFIN20030429_162855_000000432016_00012_06078_6512.N1	29-APR-2003 16:28:55	Dark	42.500	45	Alp Pav	1.9400	26000.	85	6078	No
302	GOM_NL__2PRFIN20030429_163423_000000752016_00012_06078_6513.N1	29-APR-2003 16:34:23	Dark	74.500	103	38Zet Sgr	2.6000	9700.0	149	6078	No
303	GOM_NL__2PRFIN20030429_163704_000000652016_00012_06078_6514.N1	29-APR-2003 16:37:04	Straylight	64.500	38	20Eps Sgr	1.8360	11000.	129	6078	No
304	GOM_NL__2PRFIN20030429_163956_000000492016_00012_06078_6515.N1	29-APR-2003 16:39:56	Straylight	48.500	4	Alp1Cen	-0.010000	5800.0	97	6078	No
305	GOM_NL__2PRFIN20030429_164319_000000382016_00012_06078_6516.N1	29-APR-2003 16:43:19	Straylight	38.000	78	Alp Lup	2.3040	28000.	76	6078	No
306	GOM_NL__2PRFIN20030429_164453_000000412016_00012_06078_6517.N1	29-APR-2003 16:44:53	Straylight	40.500	81	Eta Cen	2.3560	28000.	81	6078	No
307	GOM_NL__2PRFIN20030429_164702_000000722016_00012_06078_6518.N1	29-APR-2003 16:47:02	Twi_and_stray	72.000	16	21Alp Sco	1.0200	3000.0	144	6078	No
308	GOM_NL__2PRFIN20030429_164922_000000652016_00012_06078_6519.N1	29-APR-2003 16:49:22	Twi_and_stray	65.000	80	7Del Sco	2.3160	30000.	130	6078	No
309	GOM_NL__2PRFIN20030429_165118_000000432016_00012_06078_6520.N1	29-APR-2003 16:51:18	Bright	43.000	169	46Gam Hya	2.9910	4700.0	86	6078	No
310	GOM_NL__2PRFIN20030429_165459_000000512016_00012_06078_6521.N1	29-APR-2003 16:54:59	Bright	50.500	104	27Bet Lib	2.6140	13100.	101	6078	No
311	GOM_NL__2PRFIN20030429_165743_000000372016_00012_06078_6522.N1	29-APR-2003 16:57:43	Bright	36.500	121	29Gam Vir	2.7400	7200.0	73	6078	No
312	GOM_NL__2PRFIN20030429_170104_000000362016_00012_06078_6523.N1	29-APR-2003 17:01:04	Bright	36.000	138	47Eps Vir	2.8280	4700.0	72	6078	No
313	GOM_NL__2PRFIN20030429_170328_000000392016_00012_06078_6524.N1	29-APR-2003 17:03:28	Bright	39.000	111	8Eta Boo	2.6800	6000.0	78	6078	No
314	GOM_NL__2PRFIN20030429_170719_000000482016_00012_06078_6525.N1	29-APR-2003 17:07:19	Bright	48.000	83		2.3780	11000.	96	6078	No
315	GOM_NL__2PRFIN20030429_171018_000000422016_00012_06078_6526.N1	29-APR-2003 17:10:18	Bright	42.000	180	27Gam Boo	3.0400	8000.0	84	6078	No
316	GOM_NL__2PRFIN20030429_171226_000000392016_00012_06078_6527.N1	29-APR-2003 17:12:26	Bright	38.500	39	85Eta UMa	1.8540	24000.	77	6078	No
317	GOM_NL__2PRFIN20030429_171344_000000392016_00012_06078_6528.N1	29-APR-2003 17:13:44	Bright	39.000	55	79Zet UMa	2.0600	10200.	78	6078	No
318	GOM_NL__2PRFIN20030429_171600_000000352016_00012_06078_6529.N1	29-APR-2003 17:16:00	Bright	34.500	36	50Alp UMa	1.8000	6300.0	69	6078	No
319	GOM_NL__2PRFIN20030429_171954_000000362016_00012_06078_6530.N1	29-APR-2003 17:19:54	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	6078	No
320	GOM_NL__2PRFIN20030429_172334_000000522016_00012_06078_6531.N1	29-APR-2003 17:23:34	Bright	52.000	49	1Alp UMi	1.9900	6300.0	104	6078	No
321	GOM_NL__2PRFIN20030429_173005_000000422016_00012_06078_6532.N1	29-APR-2003 17:30:05	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	6078	No
322	GOM_NL__2PRFIN20030429_173307_000001602016_00012_06078_6533.N1	29-APR-2003 17:33:07	Bright	160.00	5	3Alp Lyr	0.033000	11000.	320	6078	No
323	GOM_NL__2PRFIN20030429_173714_000000742016_00012_06078_6534.N1	29-APR-2003 17:37:14	Bright	74.000	66	37Gam Cyg	2.2080	5900.0	148	6078	No
324	GOM_NL__2PRFIN20030429_174040_000000802016_00012_06078_6535.N1	29-APR-2003 17:40:40	Twi_and_stray	79.500	92	53Eps Cyg	2.5000	4500.0	159	6078	No
325	GOM_NL__2PRFIN20030429_174537_000000462016_00012_06078_6536.N1	29-APR-2003 17:45:37	Twilight	46.000	90	54Alp Peg	2.4870	11000.	92	6078	No
326	GOM_NL__2PRFIN20030429_174943_000000672016_00012_06078_6537.N1	29-APR-2003 17:49:43	Dark	66.500	61	8Eps Peg	2.1000	3900.0	133	6078	No
327	GOM_NL__2PRFIN20030429_175209_000000562016_00012_06078_6538.N1	29-APR-2003 17:52:09	Dark	55.500	162	34Alp Aqr	2.9440	5350.0	111	6078	No
328	GOM_NL__2PRFIN20030429_175542_000000622016_00012_06078_6539.N1	29-APR-2003 17:55:42	Dark	62.000	154	22Bet Aqr	2.8990	5700.0	124	6078	No
329	GOM_NL__2PRFIN20030429_175821_000000482016_00012_06078_6540.N1	29-APR-2003 17:58:21	Dark	47.500	18	24Alp PsA	1.1660	9700.0	95	6078	No
330	GOM_NL__2PRFIN20030429_180230_000000422016_00012_06078_6541.N1	29-APR-2003 18:02:30	Dark	42.000	172	Gam Gru	3.0030	13100.	84	6078	No
331	GOM_NL__2PRFIN20030429_180405_000000412016_00012_06078_6542.N1	29-APR-2003 18:04:05	Dark	40.500	31	Alp Gru	1.7340	15200.	81	6078	No
332	GOM_NL__2PRFIN20030429_180647_000000392016_00013_06079_6511.N1	29-APR-2003 18:06:47	Dark	39.000	148	Alp Tuc	2.8780	4100.0	78	6079	No
333	GOM_NL__2PRFIN20030429_195008_000000412016_00014_06080_5959.N1	29-APR-2003 19:50:08	Dark	41.000	45	Alp Pav	1.9400	26000.	82	6080	No
334	GOM_NL__2PRFIN20030429_195538_000000762016_00014_06080_5960.N1	29-APR-2003 19:55:38	Dark	75.500	103	38Zet Sgr	2.6000	9700.0	151	6080	No
335	GOM_NL__2PRFIN20030429_195819_000000682016_00014_06080_5961.N1	29-APR-2003 19:58:19	Straylight	68.000	38	20Eps Sgr	1.8360	11000.	136	6080	No
336	GOM_NL__2PRFIN20030429_200108_000000512016_00014_06080_5962.N1	29-APR-2003 20:01:08	Straylight	51.000	4	Alp1Cen	-0.010000	5800.0	102	6080	No
337	GOM_NL__2PRFIN20030429_200432_000000412016_00014_06080_5963.N1	29-APR-2003 20:04:32	Straylight	40.500	78	Alp Lup	2.3040	28000.	81	6080	No

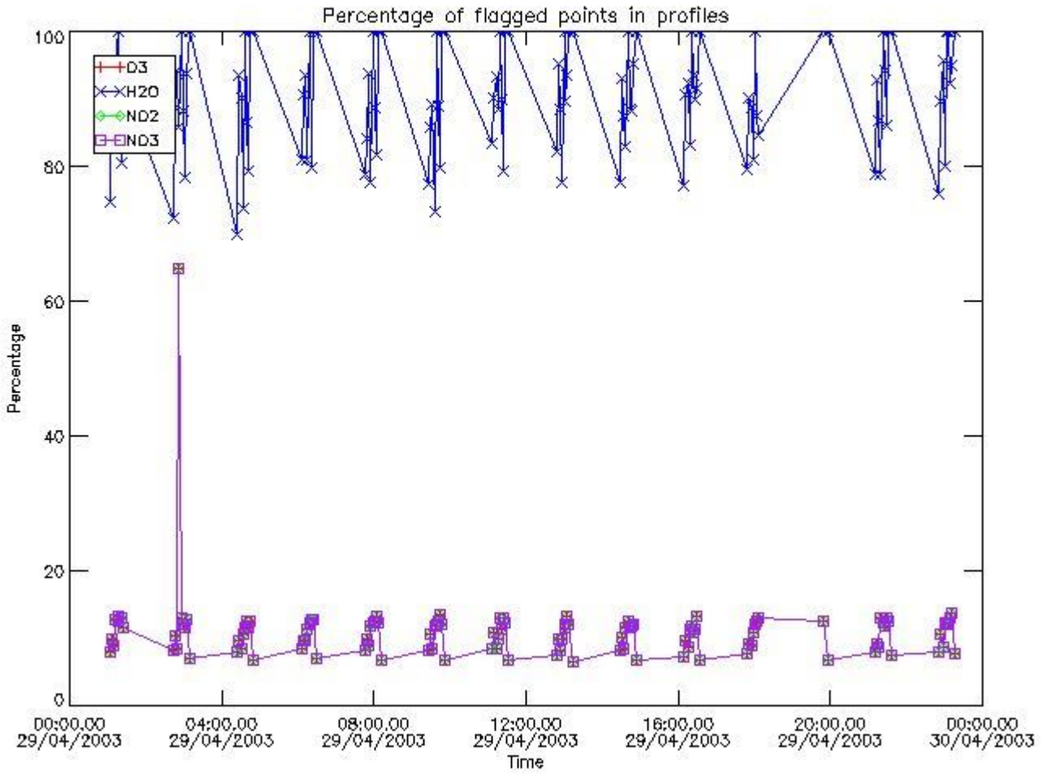
338	GOM_NL__2PRFIN20030429_200605_000000412016_00014_06080_5964.N1	29-APR-2003 20:06:05	Straylight	40.500	81	Eta Cen	2.3560	28000.	81	6080	No
339	GOM_NL__2PRFIN20030429_200815_000000832016_00014_06080_5965.N1	29-APR-2003 20:08:15	Twi_and_stray	83.000	16	21Alp Sco	1.0200	3000.0	166	6080	No
340	GOM_NL__2PRFIN20030429_201035_000000622016_00014_06080_5966.N1	29-APR-2003 20:10:35	Twi_and_stray	62.000	80	7Del Sco	2.3160	30000.	124	6080	No
341	GOM_NL__2PRFIN20030429_201350_000000452016_00014_06080_5967.N1	29-APR-2003 20:13:50	Bright	44.500	122	9Alp2Lib	2.7470	9700.0	89	6080	No
342	GOM_NL__2PRFIN20030429_201611_000000512016_00014_06080_5968.N1	29-APR-2003 20:16:11	Bright	50.500	104	27Bet Lib	2.6140	13100.	101	6080	No
343	GOM_NL__2PRFIN20030429_201855_000000372016_00014_06080_5969.N1	29-APR-2003 20:18:55	Bright	36.500	121	29Gam Vir	2.7400	7200.0	73	6080	No
344	GOM_NL__2PRFIN20030429_202216_000000362016_00014_06080_5970.N1	29-APR-2003 20:22:16	Bright	36.000	138	47Eps Vir	2.8280	4700.0	72	6080	No
345	GOM_NL__2PRFIN20030429_202439_000000392016_00014_06080_5971.N1	29-APR-2003 20:24:39	Bright	39.000	111	8Eta Boo	2.6800	6000.0	78	6080	No
346	GOM_NL__2PRFIN20030429_202829_000000462016_00014_06080_5972.N1	29-APR-2003 20:28:29	Bright	45.500	83		2.3780	11000.	91	6080	No
347	GOM_NL__2PRFIN20030429_203129_000000432016_00014_06080_5973.N1	29-APR-2003 20:31:29	Bright	43.000	180	27Gam Boo	3.0400	8000.0	86	6080	No
348	GOM_NL__2PRFIN20030429_203338_000000392016_00014_06080_5974.N1	29-APR-2003 20:33:38	Bright	39.000	39	85Eta UMa	1.8540	24000.	78	6080	No
349	GOM_NL__2PRFIN20030429_203455_000000372016_00014_06080_5975.N1	29-APR-2003 20:34:55	Bright	36.500	55	79Zet UMa	2.0600	10200.	73	6080	No
350	GOM_NL__2PRFIN20030429_203712_000000372016_00014_06080_5976.N1	29-APR-2003 20:37:12	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	6080	No
351	GOM_NL__2PRFIN20030429_204105_000000392016_00014_06080_5977.N1	29-APR-2003 20:41:05	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	6080	No
352	GOM_NL__2PRFIN20030429_204446_000000362016_00014_06080_5978.N1	29-APR-2003 20:44:46	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	6080	No
353	GOM_NL__2PRFIN20030429_205117_000000432016_00014_06080_5979.N1	29-APR-2003 20:51:17	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	6080	No
354	GOM_NL__2PRFIN20030429_205416_000001672016_00014_06080_5980.N1	29-APR-2003 20:54:16	Bright	166.50	5	3Alp Lyr	0.033000	11000.	333	6080	No
355	GOM_NL__2PRFIN20030429_205825_000000782016_00014_06080_5981.N1	29-APR-2003 20:58:25	Bright	77.500	66	37Gam Cyg	2.2080	5900.0	155	6080	No
356	GOM_NL__2PRFIN20030429_210152_000000832016_00014_06080_5982.N1	29-APR-2003 21:01:52	Twi_and_stray	82.500	92	53Eps Cyg	2.5000	4500.0	165	6080	No
357	GOM_NL__2PRFIN20030429_210649_000000452016_00014_06080_5983.N1	29-APR-2003 21:06:49	Twilight	45.000	90	54Alp Peg	2.4870	11000.	90	6080	No
358	GOM_NL__2PRFIN20030429_211056_000000642016_00014_06080_5984.N1	29-APR-2003 21:10:56	Dark	64.000	61	8Eps Peg	2.1000	3900.0	128	6080	No
359	GOM_NL__2PRFIN20030429_211323_000000562016_00014_06080_5985.N1	29-APR-2003 21:13:23	Dark	56.000	162	34Alp Aqr	2.9440	5350.0	112	6080	No
360	GOM_NL__2PRFIN20030429_211657_000000642016_00014_06080_5986.N1	29-APR-2003 21:16:57	Dark	64.000	154	22Bet Aqr	2.8990	5700.0	128	6080	No
361	GOM_NL__2PRFIN20030429_211933_000000432016_00014_06080_5987.N1	29-APR-2003 21:19:33	Dark	43.000	18	24Alp PsA	1.1660	9700.0	86	6080	No
362	GOM_NL__2PRFIN20030429_212343_000000422016_00014_06080_5988.N1	29-APR-2003 21:23:43	Dark	41.500	172	Gam Gru	3.0030	13100.	83	6080	No
363	GOM_NL__2PRFIN20030429_212518_000000442016_00014_06080_5989.N1	29-APR-2003 21:25:18	Dark	43.500	31	Alp Gru	1.7340	15200.	87	6080	No
364	GOM_NL__2PRFIN20030429_212759_000000402016_00015_06081_6513.N1	29-APR-2003 21:27:59	Dark	39.500	148	Alp Tuc	2.8780	4100.0	79	6081	No
365	GOM_NL__2PRFIN20030429_213044_000000412016_00015_06081_6514.N1	29-APR-2003 21:30:44	Dark	41.000	45	Alp Pav	1.9400	26000.	82	6081	No
366	GOM_NL__2PRFIN20030429_213616_000000742016_00015_06081_6515.N1	29-APR-2003 21:36:16	Dark	74.000	103	38Zet Sgr	2.6000	9700.0	148	6081	No
367	GOM_NL__2PRFIN20030429_213856_000000732016_00015_06081_6516.N1	29-APR-2003 21:38:56	Straylight	72.500	38	20Eps Sgr	1.8360	11000.	145	6081	No
368	GOM_NL__2PRFIN20030429_214144_000000502016_00015_06081_6517.N1	29-APR-2003 21:41:44	Straylight	49.500	4	Alp1Cen	-0.010000	5800.0	99	6081	No
369	GOM_NL__2PRFIN20030429_214508_000000392016_00015_06081_6518.N1	29-APR-2003 21:45:08	Straylight	38.500	78	Alp Lup	2.3040	28000.	77	6081	No
370	GOM_NL__2PRFIN20030429_214641_000000412016_00015_06081_6519.N1	29-APR-2003 21:46:41	Straylight	41.000	81	Eta Cen	2.3560	28000.	82	6081	No
371	GOM_NL__2PRFIN20030429_214851_000000752016_00015_06081_6520.N1	29-APR-2003 21:48:51	Twi_and_stray	74.500	16	21Alp Sco	1.0200	3000.0	149	6081	No
372	GOM_NL__2PRFIN20030429_215111_000000662016_00015_06081_6521.N1	29-APR-2003 21:51:11	Twi_and_stray	65.500	80	7Del Sco	2.3160	30000.	131	6081	No
373	GOM_NL__2PRFIN20030429_215426_000000452016_00015_06081_6522.N1	29-APR-2003 21:54:26	Bright	44.500	122	9Alp2Lib	2.7470	9700.0	89	6081	No
374	GOM_NL__2PRFIN20030429_215647_000000502016_00015_06081_6523.N1	29-APR-2003 21:56:47	Bright	50.000	104	27Bet Lib	2.6140	13100.	100	6081	No
375	GOM_NL__2PRFIN20030429_215931_000000372016_00015_06081_6524.N1	29-APR-2003 21:59:31	Bright	37.000	121	29Gam Vir	2.7400	7200.0	74	6081	No
376	GOM_NL__2PRFIN20030429_220252_000000362016_00015_06081_6525.N1	29-APR-2003 22:02:52	Bright	36.000	138	47Eps Vir	2.8280	4700.0	72	6081	No
377	GOM_NL__2PRFIN20030429_220515_000000392016_00015_06081_6526.N1	29-APR-2003 22:05:15	Bright	39.000	111	8Eta Boo	2.6800	6000.0	78	6081	No
378	GOM_NL__2PRFIN20030429_220905_000000452016_00015_06081_6527.N1	29-APR-2003 22:09:05	Bright	45.000	83		2.3780	11000.	90	6081	No
379	GOM_NL__2PRFIN20030429_221204_000000422016_00015_06081_6528.N1	29-APR-2003 22:12:04	Bright	41.500	180	27Gam Boo	3.0400	8000.0	83	6081	No
380	GOM_NL__2PRFIN20030429_221413_000000382016_00015_06081_6529.N1	29-APR-2003 22:14:13	Bright	38.000	39	85Eta UMa	1.8540	24000.	76	6081	No
381	GOM_NL__2PRFIN20030429_221531_000000382016_00015_06081_6530.N1	29-APR-2003 22:15:31	Bright	37.500	55	79Zet UMa	2.0600	10200.	75	6081	No
382	GOM_NL__2PRFIN20030429_221748_000000382016_00015_06081_6531.N1	29-APR-2003 22:17:48	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	6081	No
383	GOM_NL__2PRFIN20030429_222141_000000392016_00015_06081_6532.N1	29-APR-2003 22:21:41	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	6081	No
384	GOM_NL__2PRFIN20030429_222522_000000362016_00015_06081_6533.N1	29-APR-2003 22:25:22	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	6081	No
385	GOM_NL__2PRFIN20030429_223152_000000432016_00015_06081_6534.N1	29-APR-2003 22:31:52	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	6081	No
386	GOM_NL__2PRFIN20030429_223450_000001612016_00015_06081_6535.N1	29-APR-2003 22:34:50	Bright	160.50	5	3Alp Lyr	0.033000	11000.	321	6081	No
387	GOM_NL__2PRFIN20030429_223900_000000732016_00015_06081_6536.N1	29-APR-2003 22:39:00	Bright	73.000	66	37Gam Cyg	2.2080	5900.0	146	6081	No
388	GOM_NL__2PRFIN20030429_224228_000000762016_00015_06081_6537.N1	29-APR-2003 22:42:28	Twi_and_stray	75.500	92	53Eps Cyg	2.5000	4500.0	151	6081	No
389	GOM_NL__2PRFIN20030429_224725_000000462016_00015_06081_6538.N1	29-APR-2003 22:47:25	Twilight	46.000	90	54Alp Peg	2.4870	11000.	92	6081	No
390	GOM_NL__2PRFIN20030429_225132_000000652016_00015_06081_6539.N1	29-APR-2003 22:51:32	Dark	64.500	61	8Eps Peg	2.1000	3900.0	129	6081	No
391	GOM_NL__2PRFIN20030429_225359_000000532016_00015_06081_6540.N1	29-APR-2003 22:53:59	Dark	53.000	162	34Alp Aqr	2.9440	5350.0	106	6081	No
392	GOM_NL__2PRFIN20030429_225733_000000592016_00015_06081_6541.N1	29-APR-2003 22:57:33	Dark	59.000	154	22Bet Aqr	2.8990	5700.0	118	6081	No
393	GOM_NL__2PRFIN20030429_230010_000000462016_00015_06081_6542.N1	29-APR-2003 23:00:10	Dark	45.500	18	24Alp PsA	1.1660	9700.0	91	6081	No
394	GOM_NL__2PRFIN20030429_230419_000000422016_00015_06081_6543.N1	29-APR-2003 23:04:19	Dark	42.000	172	Gam Gru	3.0030	13100.	84	6081	No
395	GOM_NL__2PRFIN20030429_230554_000000422016_00015_06081_6544.N1	29-APR-2003 23:05:54	Dark	42.000	31	Alp Gru	1.7340	15200.	84	6081	No
396	GOM_NL__2PRFIN20030429_230835_000000392016_00016_06082_6513.N1	29-APR-2003 23:08:35	Dark	39.000	148	Alp Tuc	2.8780	4100.0	78	6082	No

397	GOM_NL__2PRFIN20030429_231121_000000412016_00016_06082_6514.N1	29-APR-2003 23:11:21	Dark	40.500	45	Alp Pav	1.9400	26000.	81	6082	No
398	GOM_NL__2PRFIN20030429_231653_000000742016_00016_06082_6515.N1	29-APR-2003 23:16:53	Dark	73.500	103	38Zet Sgr	2.6000	9700.0	147	6082	No
399	GOM_NL__2PRFIN20030429_231933_000000732016_00016_06082_6516.N1	29-APR-2003 23:19:33	Straylight	73.000	38	20Eps Sgr	1.8360	11000.	146	6082	No
400	GOM_NL__2PRFIN20030429_232220_000000512016_00016_06082_6517.N1	29-APR-2003 23:22:20	Straylight	50.500	4	Alp1Cen	-0.010000	5800.0	101	6082	No
401	GOM_NL__2PRFIN20030429_232544_000000402016_00016_06082_6518.N1	29-APR-2003 23:25:44	Straylight	39.500	78	Alp Lup	2.3040	28000.	79	6082	No
402	GOM_NL__2PRFIN20030429_232717_000000402016_00016_06082_6519.N1	29-APR-2003 23:27:17	Straylight	40.000	81	Eta Cen	2.3560	28000.	80	6082	No
403	GOM_NL__2PRFIN20030429_232927_000000752016_00016_06082_6520.N1	29-APR-2003 23:29:27	Twi_and_stray	75.000	16	21Alp Sco	1.0200	3000.0	150	6082	No
404	GOM_NL__2PRFIN20030429_233147_000000692016_00016_06082_6521.N1	29-APR-2003 23:31:47	Twi_and_stray	68.500	80	7Del Sco	2.3160	30000.	137	6082	No
405	GOM_NL__2PRFIN20030429_233501_000000452016_00016_06082_6522.N1	29-APR-2003 23:35:01	Bright	45.000	122	9Alp2Lib	2.7470	9700.0	90	6082	No
406	GOM_NL__2PRFIN20030429_233722_000000502016_00016_06082_6523.N1	29-APR-2003 23:37:22	Bright	50.000	104	27Bet Lib	2.6140	13100.	100	6082	No
407	GOM_NL__2PRFIN20030429_234006_000000382016_00016_06082_6524.N1	29-APR-2003 23:40:06	Bright	37.500	121	29Gam Vir	2.7400	7200.0	75	6082	No
408	GOM_NL__2PRFIN20030429_234328_000000362016_00016_06082_6525.N1	29-APR-2003 23:43:28	Bright	36.000	138	47Eps Vir	2.8280	4700.0	72	6082	No
409	GOM_NL__2PRFIN20030429_234550_000000392016_00016_06082_6526.N1	29-APR-2003 23:45:50	Bright	39.000	111	8Eta Boo	2.6800	6000.0	78	6082	No
410	GOM_NL__2PRFIN20030429_234940_000000472016_00016_06082_6527.N1	29-APR-2003 23:49:40	Bright	47.000	83		2.3780	11000.	94	6082	No
411	GOM_NL__2PRFIN20030429_235239_000000412016_00016_06082_6528.N1	29-APR-2003 23:52:39	Bright	41.000	180	27Gam Boo	3.0400	8000.0	82	6082	No
412	GOM_NL__2PRFIN20030429_235449_000000372016_00016_06082_6529.N1	29-APR-2003 23:54:49	Bright	36.500	39	85Eta UMa	1.8540	24000.	73	6082	No
413	GOM_NL__2PRFIN20030429_235606_000000382016_00016_06082_6530.N1	29-APR-2003 23:56:06	Bright	37.500	55	79Zet UMa	2.0600	10200.	75	6082	No
414	GOM_NL__2PRFIN20030429_235824_000000412016_00016_06082_6531.N1	29-APR-2003 23:58:24	Bright	40.500	36	50Alp UMa	1.8000	6300.0	81	6082	No

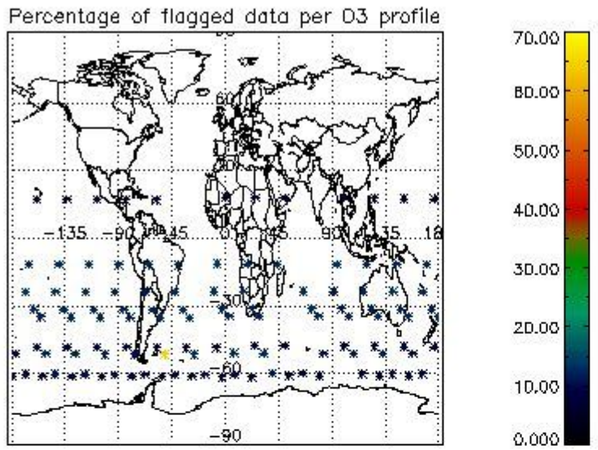
3. Quality information per product

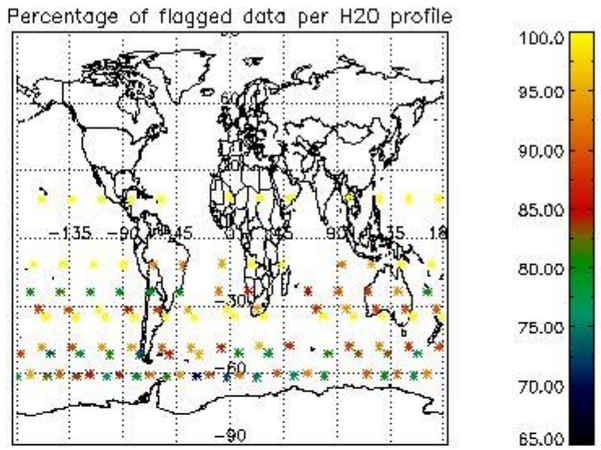
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

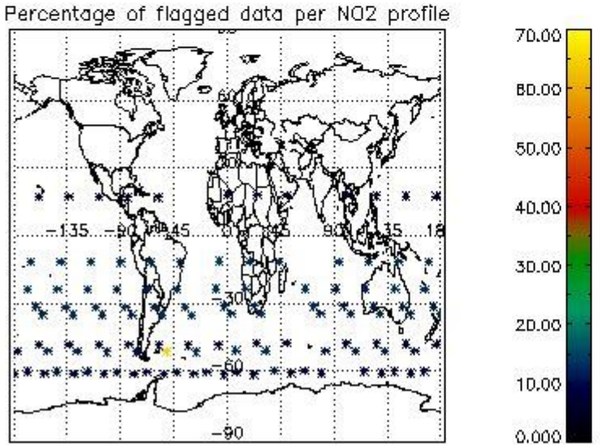
3.1 Plot quality information per product (time dependant)

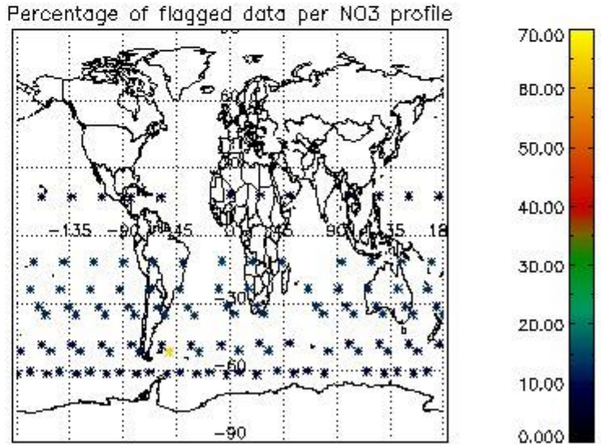


3.2 Plot quality information per product (world map)







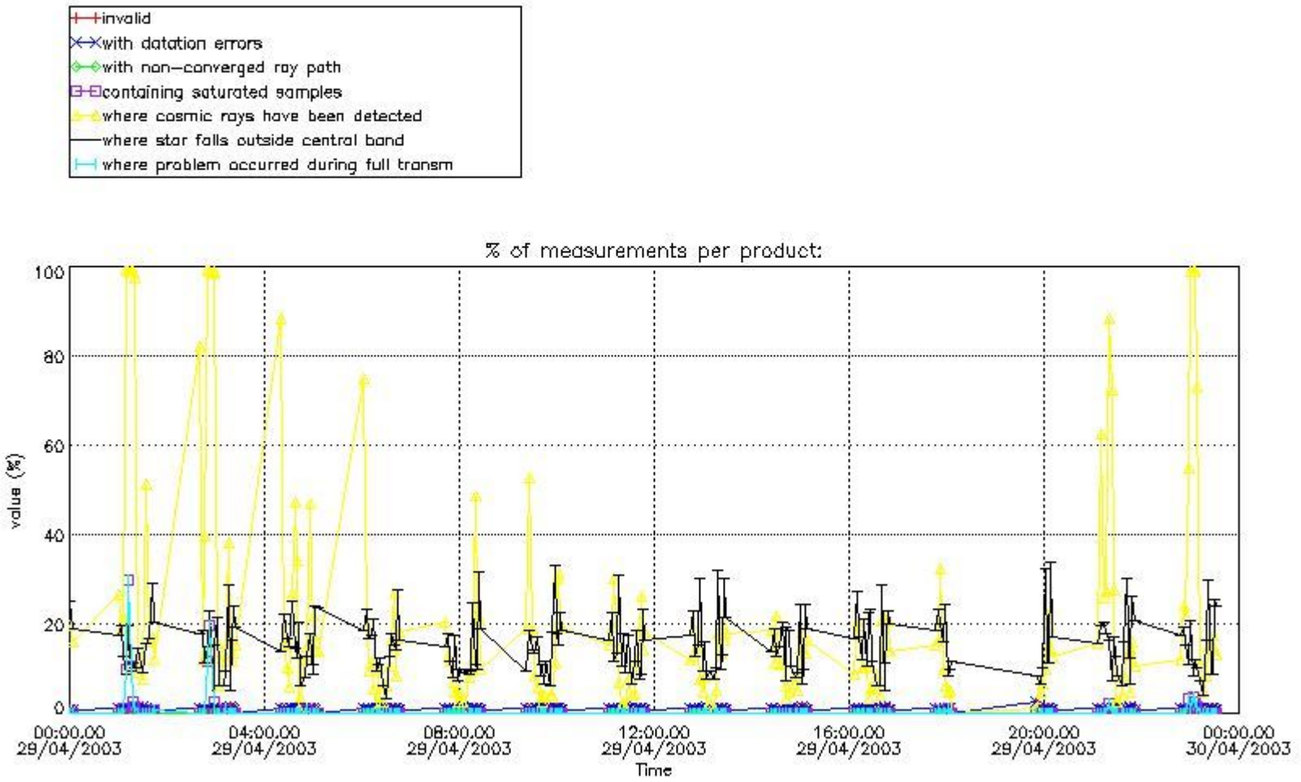


4. Level 1 quality information per product

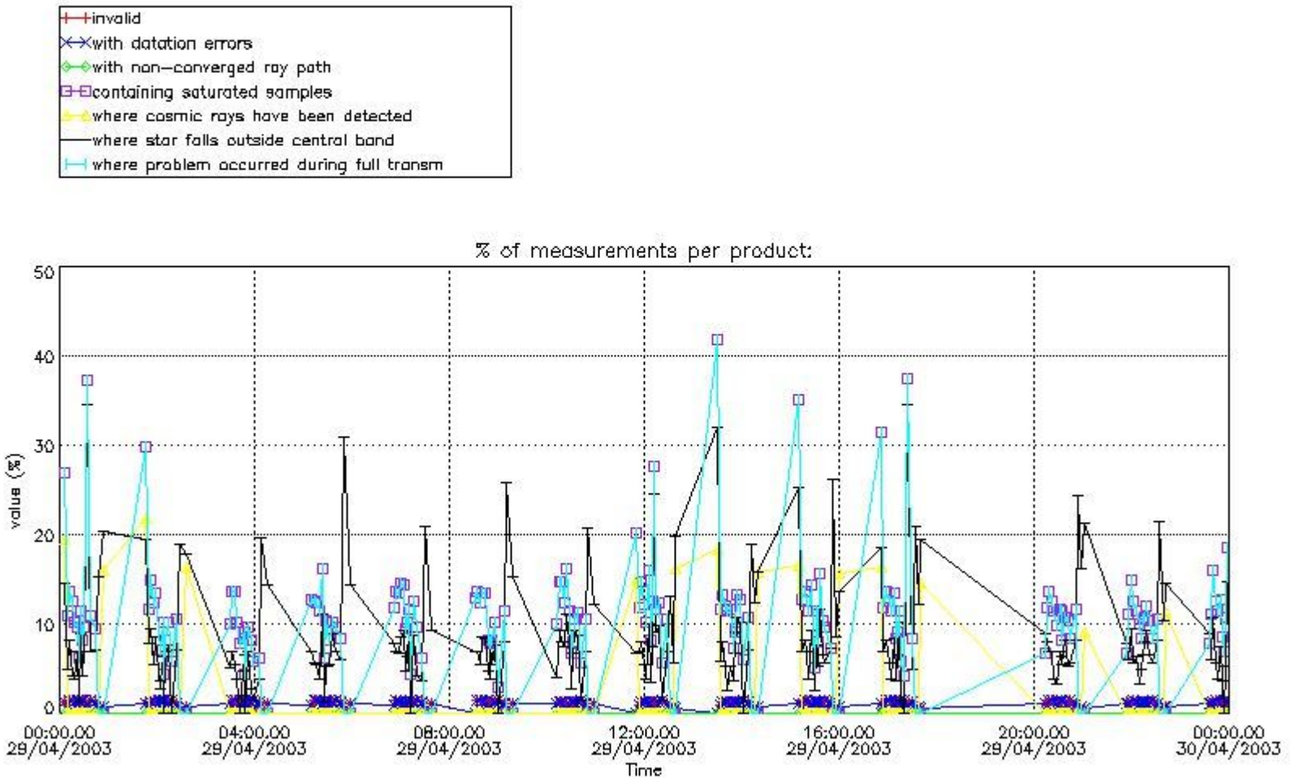
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processsing. Products without errors (error flag in the MPH set to "0") are used.

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

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

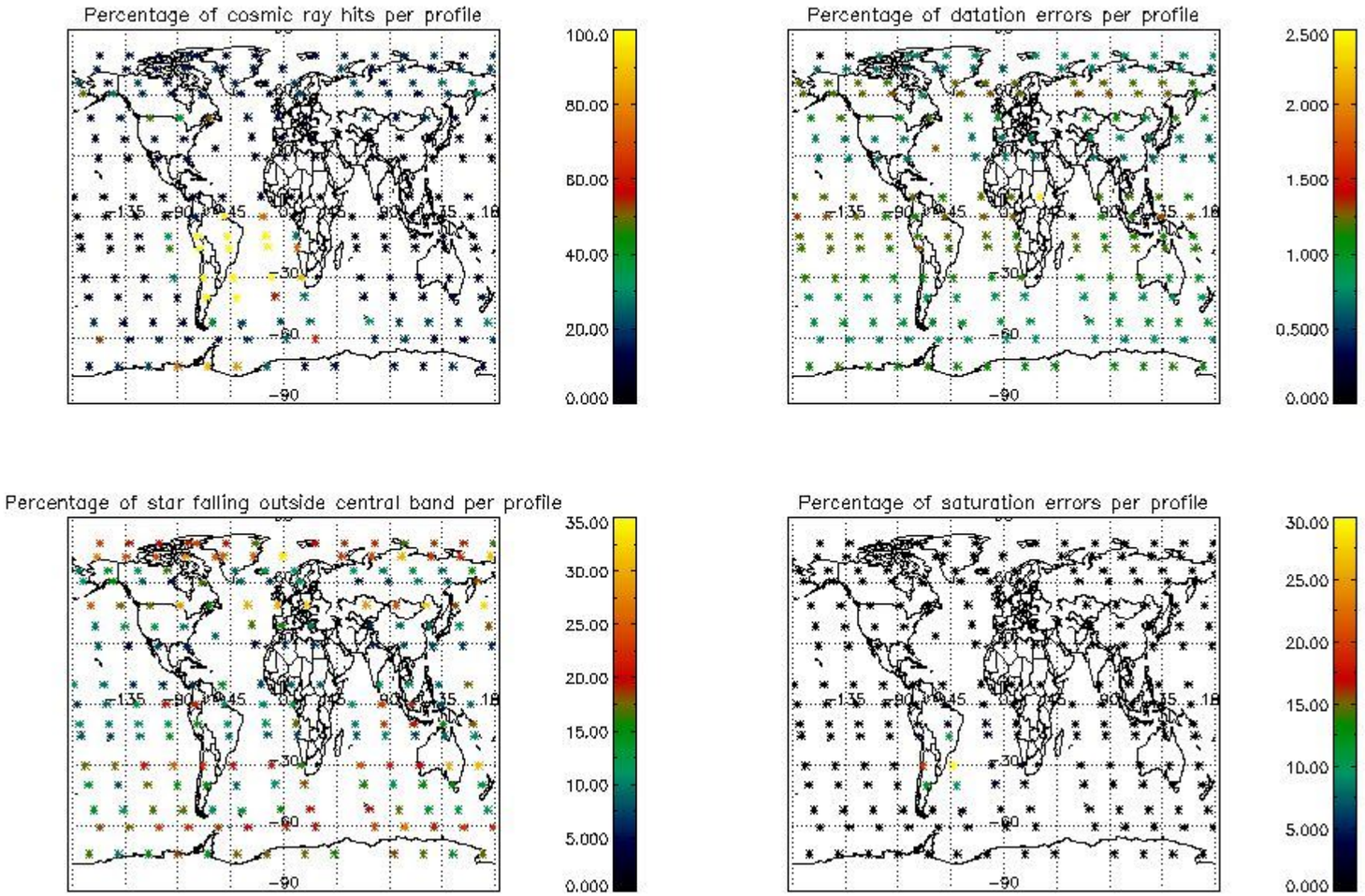


4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes

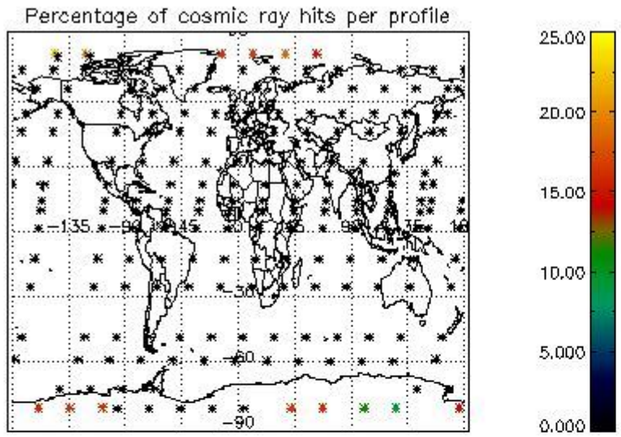


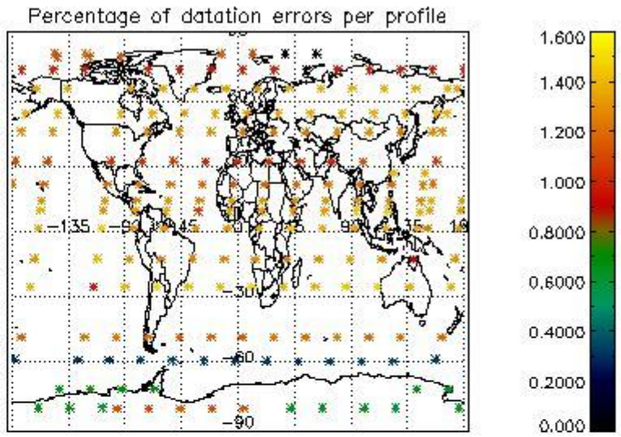
4.2 Plot quality information per product comming from level 1b processing (world map)

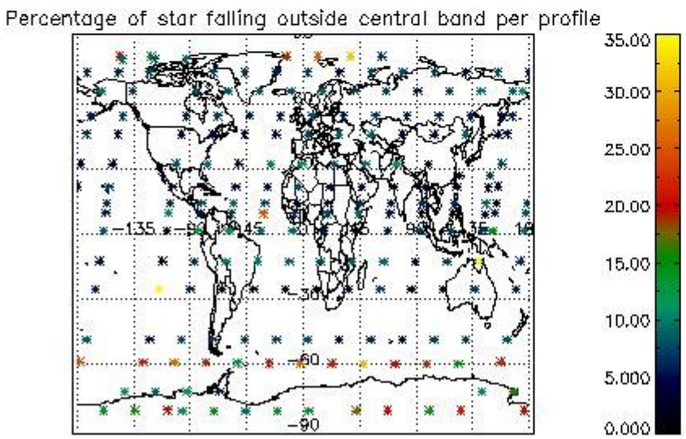
4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes

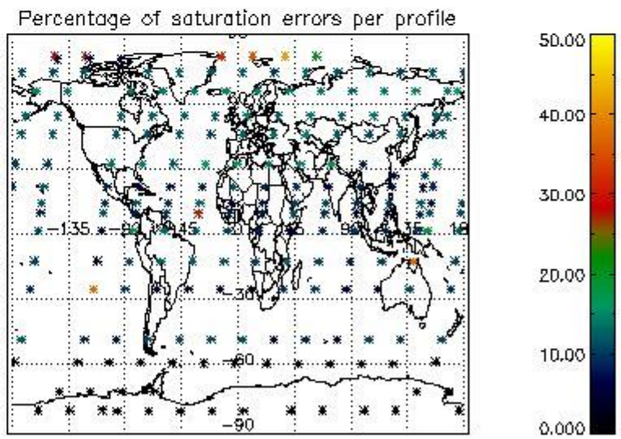


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes









5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

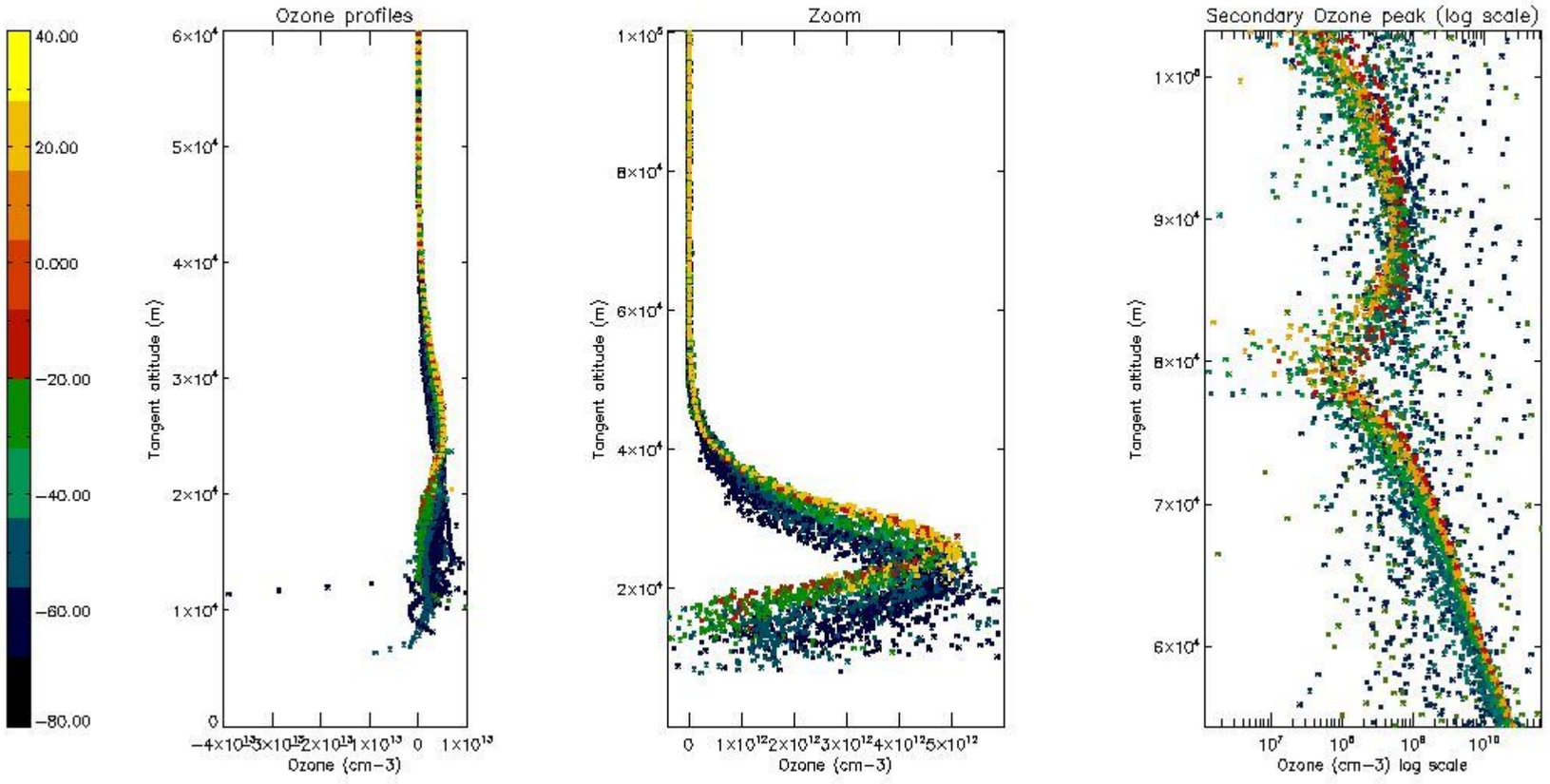
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	28
STD < 20	14

STD < 10	12
STD < 5	8

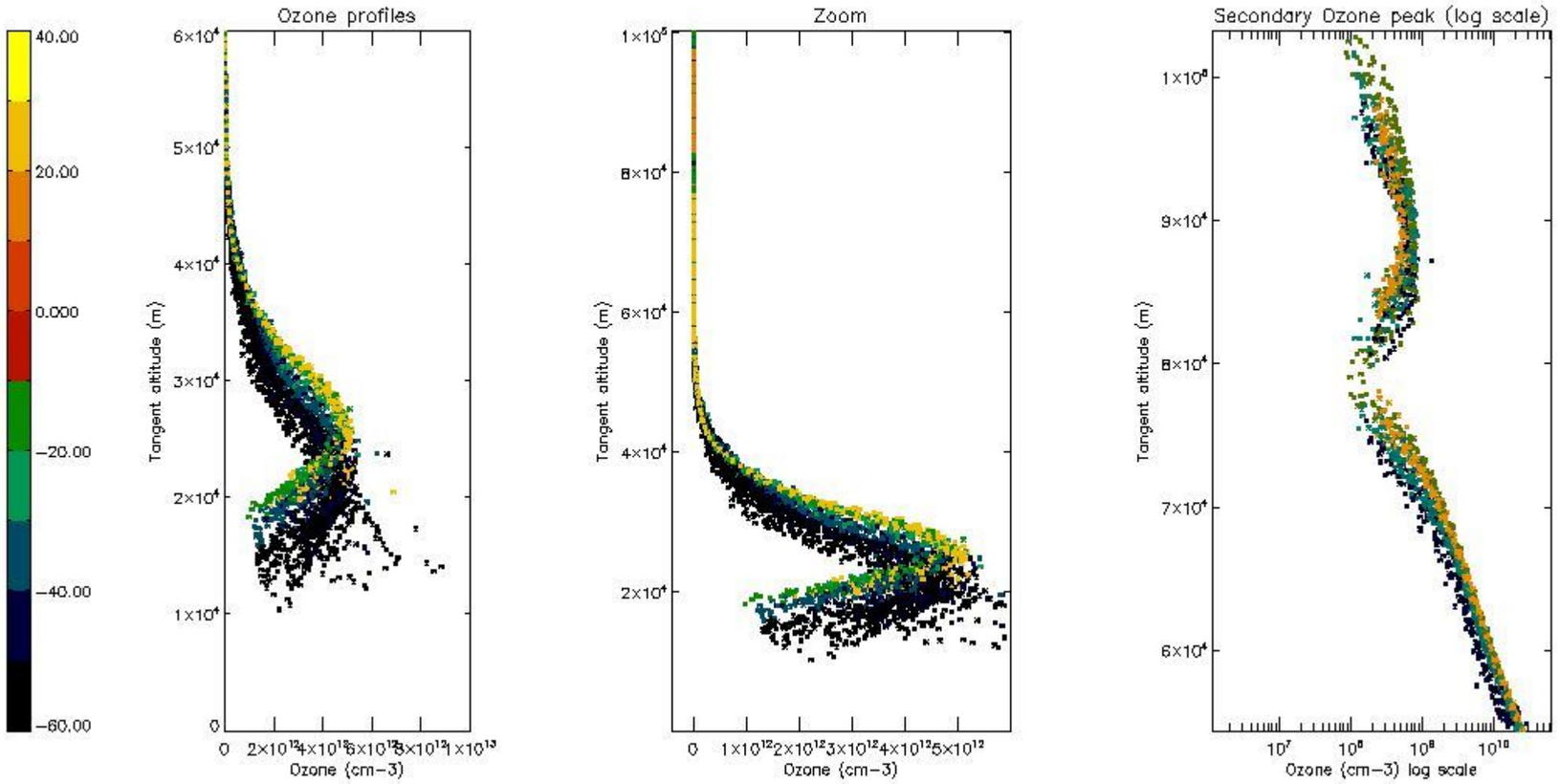
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



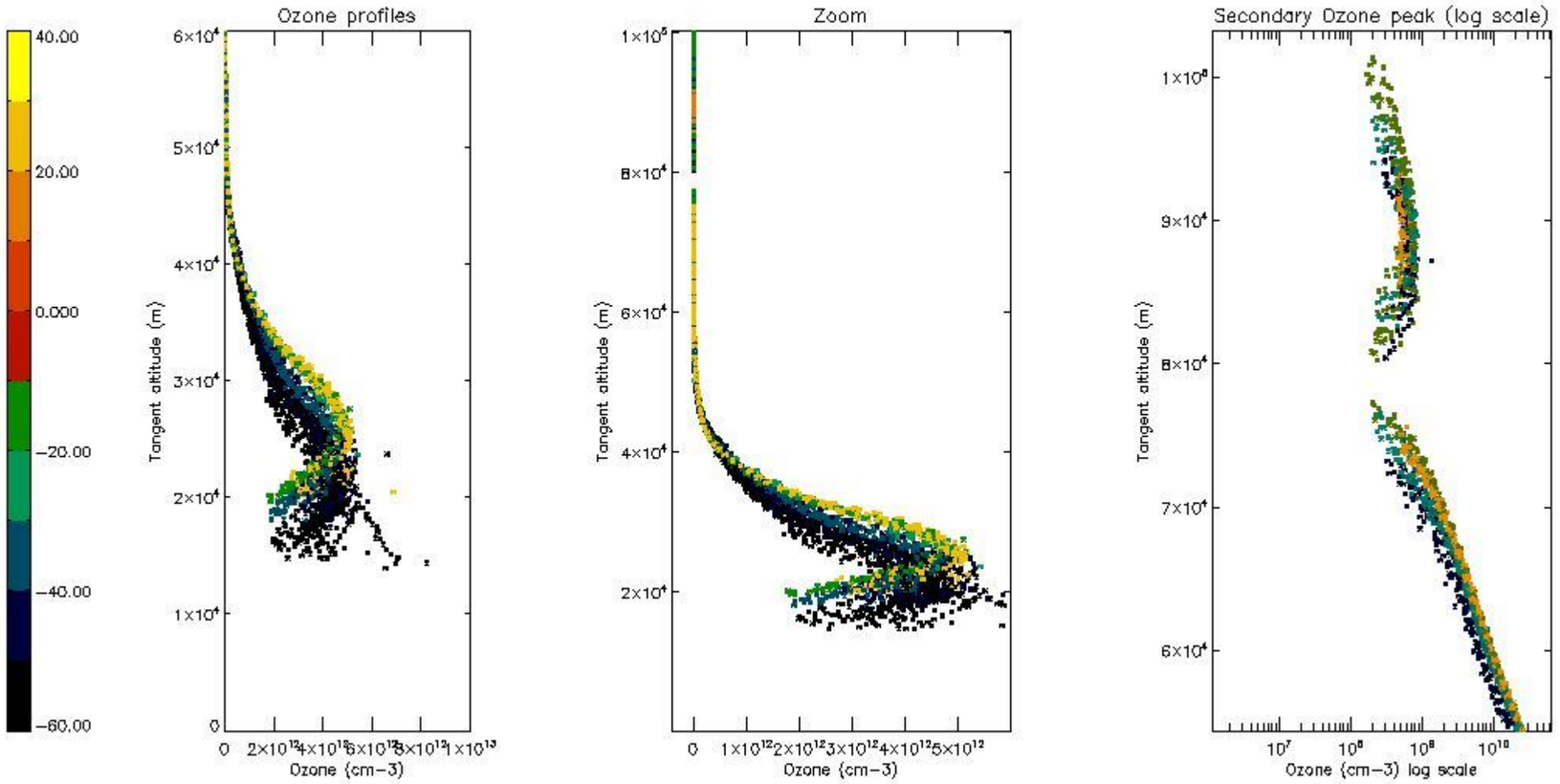
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



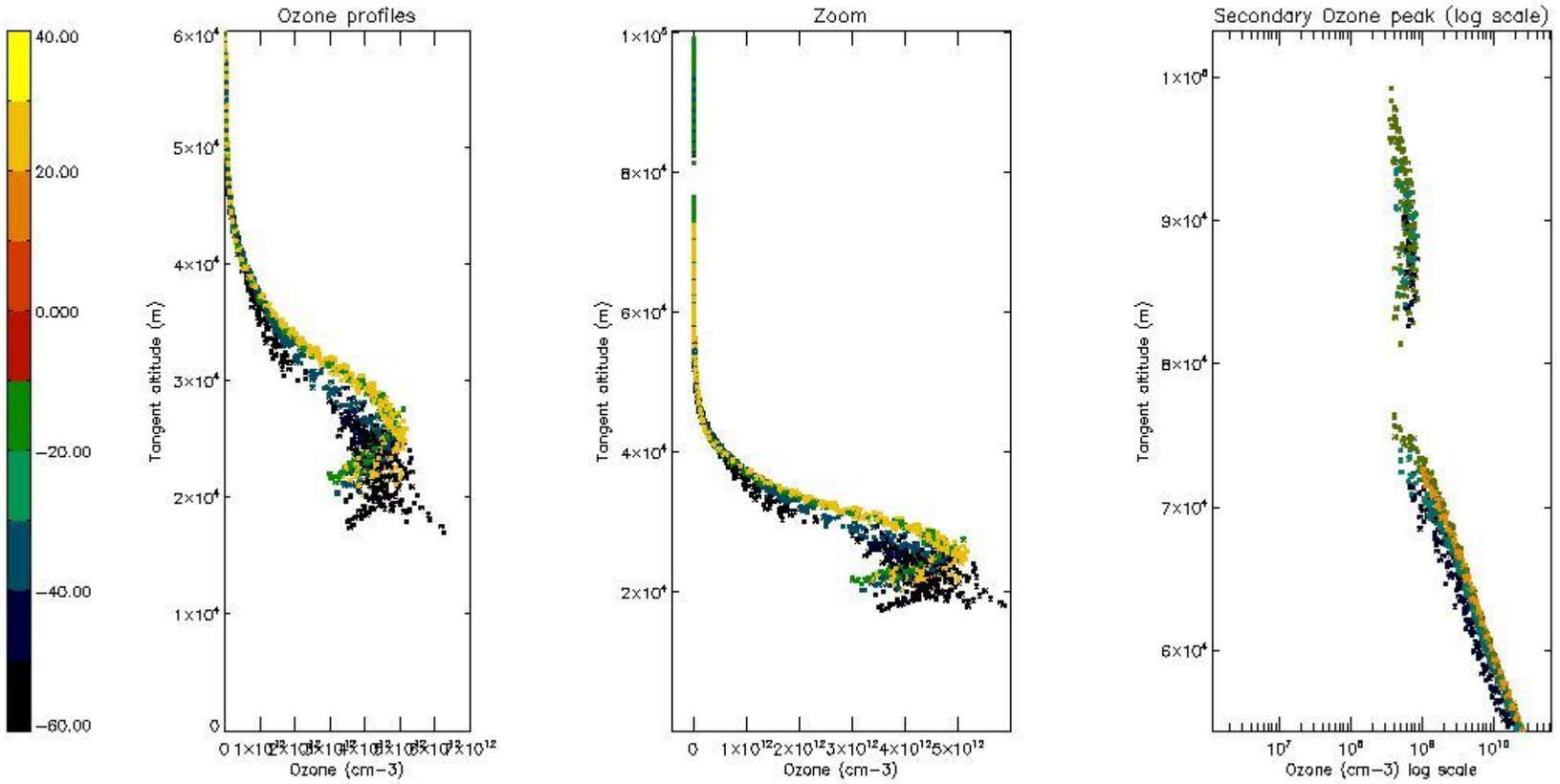
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



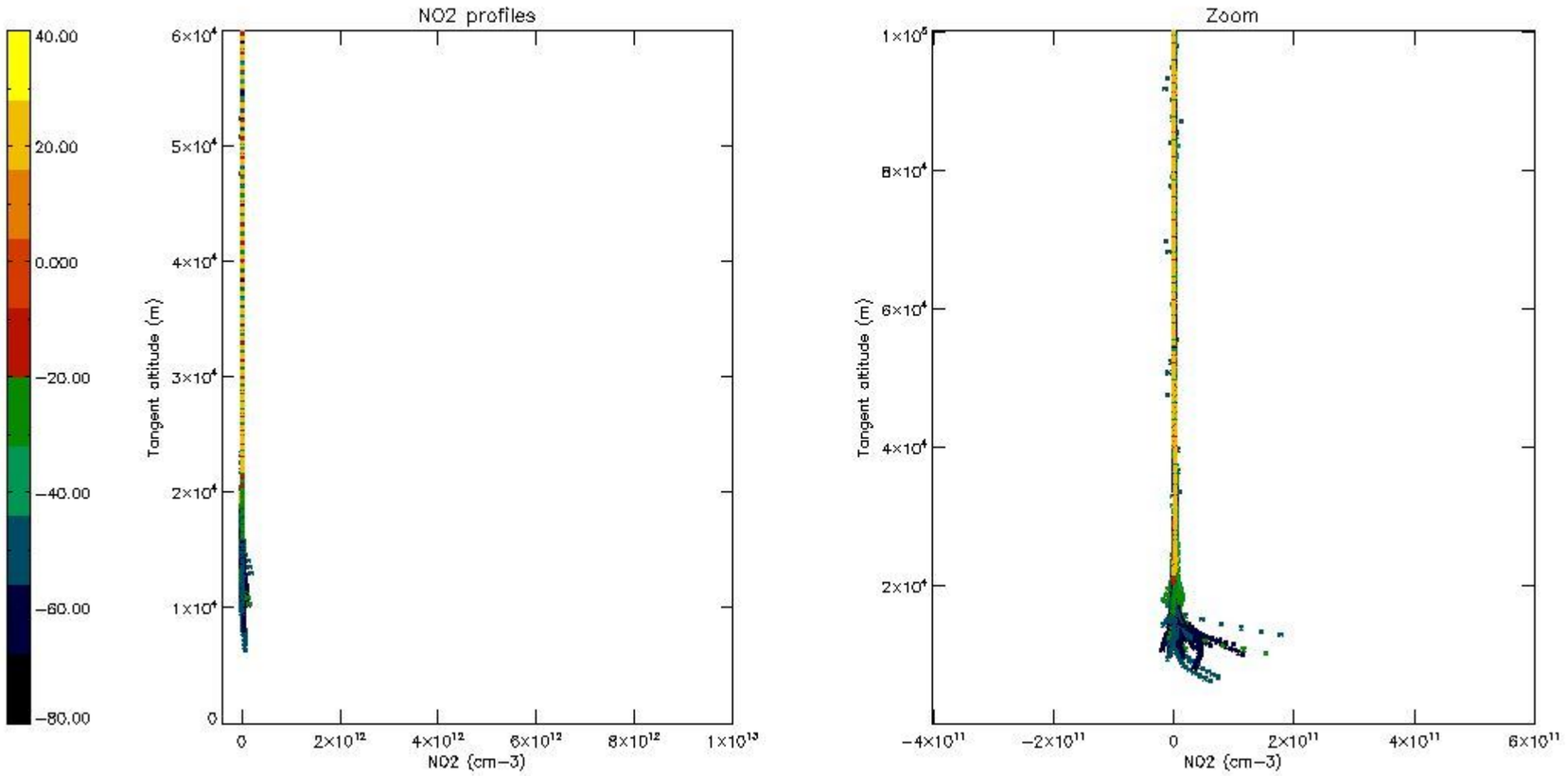
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



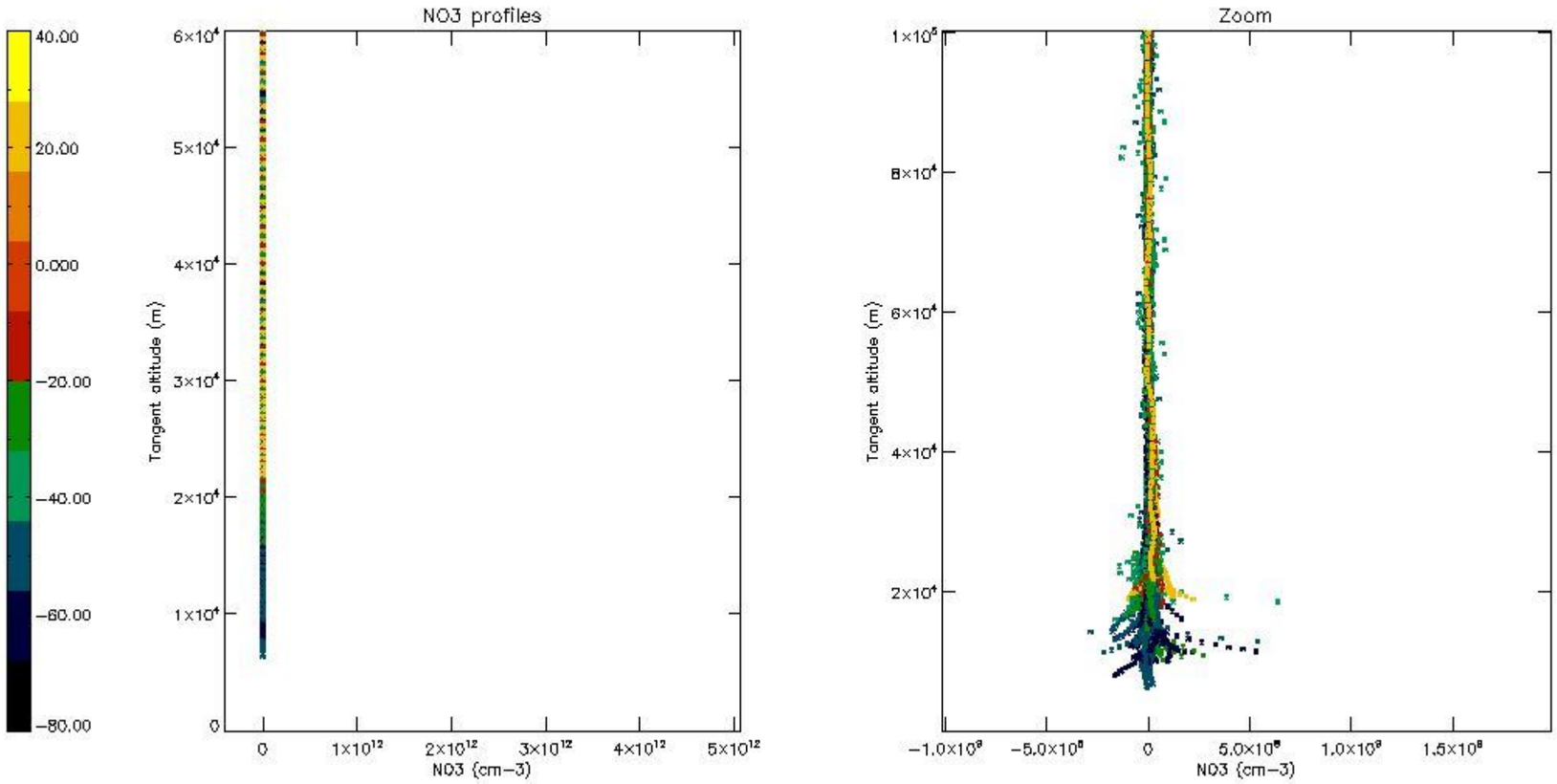
5.6 Plot NO2 profiles for all STD (dark without errors)

The colorbar represents the latitude.



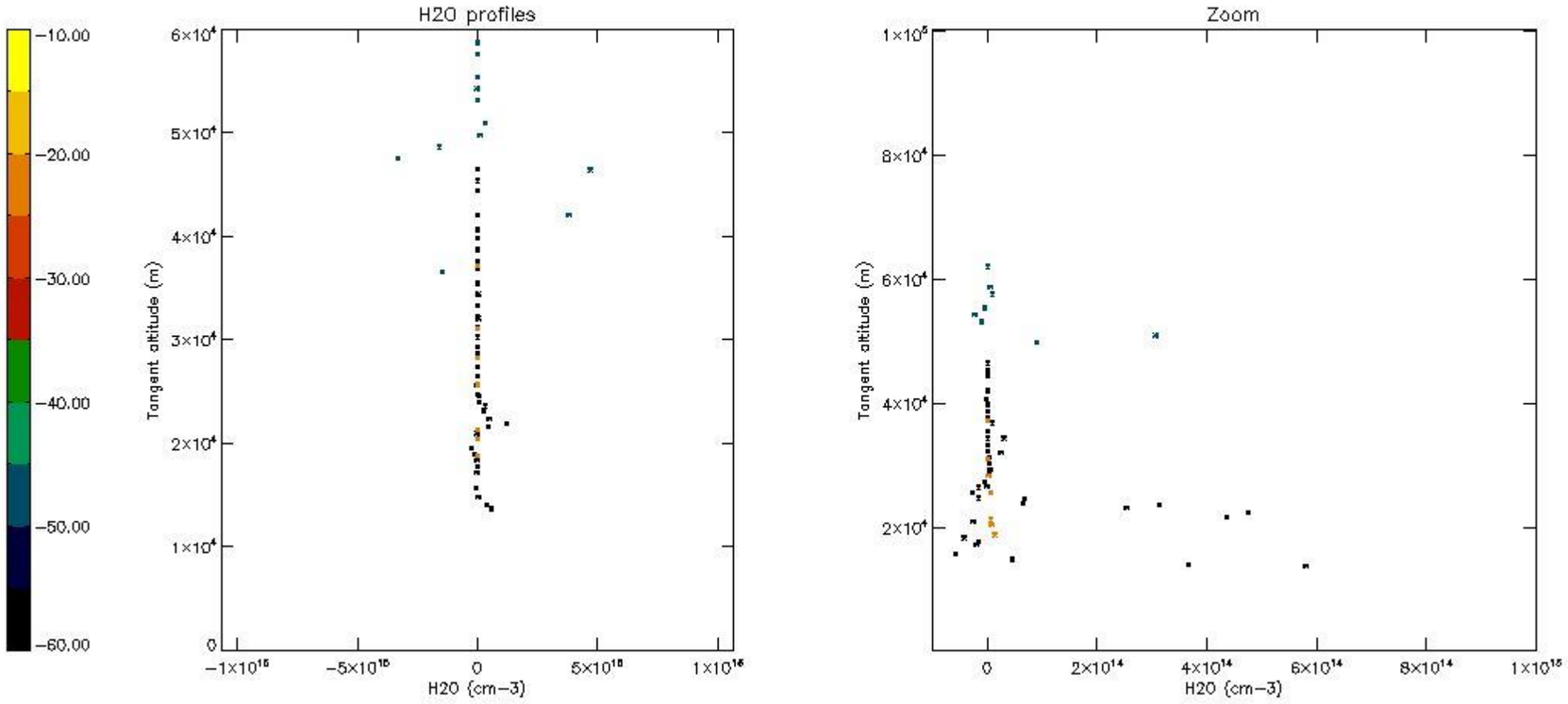
5.7 Plot NO3 profiles for all STD (dark without errors)

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	29-APR-2003 00:00:57
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	29-APR-2003 00:00:57
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	29-APR-2003 00:00:57

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 14:09:41
Data source version	GOMOS/6.01
Start time of products	29-04-2003 (29APR2003 00:00:00)
Stop time of products	30-04-2003 (30APR2003 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	414
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__2PRFIN20030429_000057_000000762016_00002_06068_6496.N1	29-APR-2003 00:00:57	Twi_and_stray	76.000	16	21Alp Sco	1.0200	3000.0	152	6068	No
2	GOM_NL__2PRFIN20030429_000319_000000662016_00002_06068_6497.N1	29-APR-2003 00:03:19	Twi_and_stray	65.500	80	7Del Sco	2.3160	30000.	131	6068	No
3	GOM_NL__2PRFIN20030429_000517_000000412016_00002_06068_6498.N1	29-APR-2003 00:05:17	Bright	41.000	169	46Gam Hya	2.9910	4700.0	82	6068	No
4	GOM_NL__2PRFIN20030429_000901_000000512016_00002_06068_6499.N1	29-APR-2003 00:09:01	Bright	50.500	104	27Bet Lib	2.6140	13100.	101	6068	No
5	GOM_NL__2PRFIN20030429_001142_000000372016_00002_06068_6500.N1	29-APR-2003 00:11:42	Bright	36.500	121	29Gam Vir	2.7400	7200.0	73	6068	No
6	GOM_NL__2PRFIN20030429_001504_000000362016_00002_06068_6501.N1	29-APR-2003 00:15:04	Bright	36.000	138	47Eps Vir	2.8280	4700.0	72	6068	No
7	GOM_NL__2PRFIN20030429_001731_000000392016_00002_06068_6502.N1	29-APR-2003 00:17:31	Bright	39.000	111	8Eta Boo	2.6800	6000.0	78	6068	No
8	GOM_NL__2PRFIN20030429_002251_000000372016_00002_06068_6503.N1	29-APR-2003 00:22:51	Bright	36.500	152	12Alp2CVn	2.8900	11000.	73	6068	No
9	GOM_NL__2PRFIN20030429_002423_000000412016_00002_06068_6504.N1	29-APR-2003 00:24:23	Bright	40.500	180	27Gam Boo	3.0400	8000.0	81	6068	No
10	GOM_NL__2PRFIN20030429_002630_000000402016_00002_06068_6505.N1	29-APR-2003 00:26:30	Bright	39.500	39	85Eta UMa	1.8540	24000.	79	6068	No
11	GOM_NL__2PRFIN20030429_002751_000000372016_00002_06068_6506.N1	29-APR-2003 00:27:51	Bright	36.500	32	77Eps UMa	1.7630	11000.	73	6068	No
12	GOM_NL__2PRFIN20030429_002959_000000372016_00002_06068_6507.N1	29-APR-2003 00:29:59	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	6068	No
13	GOM_NL__2PRFIN20030429_003357_000000552016_00002_06068_6508.N1	29-APR-2003 00:33:57	Bright	55.000	60	7Bet UMi	2.0810	3950.0	110	6068	No
14	GOM_NL__2PRFIN20030429_003735_000000372016_00002_06068_6509.N1	29-APR-2003 00:37:35	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	6068	No
15	GOM_NL__2PRFIN20030429_004409_000000422016_00002_06068_6510.N1	29-APR-2003 00:44:09	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	6068	No
16	GOM_NL__2PRFIN20030429_004724_000001482016_00002_06068_6511.N1	29-APR-2003 00:47:24	Bright	147.50	5	3Alp Lyr	0.033000	11000.	295	6068	No
17	GOM_NL__2PRFIN20030429_005440_000000792016_00002_06068_6512.N1	29-APR-2003 00:54:40	Twi_and_stray	78.500	92	53Eps Cyg	2.5000	4500.0	157	6068	No
18	GOM_NL__2PRFIN20030429_005934_000000462016_00002_06068_6513.N1	29-APR-2003 00:59:34	Twilight	45.500	90	54Alp Peg	2.4870	11000.	91	6068	No
19	GOM_NL__2PRFIN20030429_010336_000000642016_00002_06068_6514.N1	29-APR-2003 01:03:36	Dark	63.500	61	8Eps Peg	2.1000	3900.0	127	6068	No
20	GOM_NL__2PRFIN20030429_010603_000000512016_00002_06068_6515.N1	29-APR-2003 01:06:03	Dark	51.000	162	34Alp Aqr	2.9440	5350.0	102	6068	No
21	GOM_NL__2PRFIN20030429_010932_000000572016_00002_06068_6516.N1	29-APR-2003 01:09:32	Dark	56.500	154	22Bet Aqr	2.8990	5700.0	113	6068	No
22	GOM_NL__2PRFIN20030429_011217_000000442016_00002_06068_6517.N1	29-APR-2003 01:12:17	Dark	43.500	18	24Alp PsA	1.1660	9700.0	87	6068	No
23	GOM_NL__2PRFIN20030429_011623_000000432016_00002_06068_6518.N1	29-APR-2003 01:16:23	Dark	42.500	172	Gam Gru	3.0030	13100.	85	6068	No
24	GOM_NL__2PRFIN20030429_011800_000000412016_00002_06068_6519.N1	29-APR-2003 01:18:00	Dark	40.500	31	Alp Gru	1.7340	15200.	81	6068	No
25	GOM_NL__2PRFIN20030429_012044_000000392016_00003_06069_6520.N1	29-APR-2003 01:20:44	Dark	39.000	148	Alp Tuc	2.8780	4100.0	78	6069	No
26	GOM_NL__2PRFIN20030429_012326_000000452016_00003_06069_6492.N1	29-APR-2003 01:23:26	Dark	44.500	45	Alp Pav	1.9400	26000.	89	6069	No
27	GOM_NL__2PRFIN20030429_013011_000000392016_00003_06069_6493.N1	29-APR-2003 01:30:11	Straylight	39.000	43	Alp TrA	1.9100	4250.0	78	6069	No
28	GOM_NL__2PRFIN20030429_013429_000000422016_00003_06069_6494.N1	29-APR-2003 01:34:29	Straylight	42.000	4	Alp1Cen	-0.010000	5800.0	84	6069	No
29	GOM_NL__2PRFIN20030429_013741_000000632016_00003_06069_6495.N1	29-APR-2003 01:37:41	Straylight	62.500	75	26Eps Sco	2.2910	4250.0	125	6069	No
30	GOM_NL__2PRFIN20030429_014133_000000802016_00003_06069_6496.N1	29-APR-2003 01:41:33	Twi_and_stray	79.500	16	21Alp Sco	1.0200	3000.0	159	6069	No
31	GOM_NL__2PRFIN20030429_014356_000000672016_00003_06069_6497.N1	29-APR-2003 01:43:56	Twi_and_stray	66.500	80	7Del Sco	2.3160	30000.	133	6069	No
32	GOM_NL__2PRFIN20030429_014553_000000442016_00003_06069_6498.N1	29-APR-2003 01:45:53	Bright	43.500	169	46Gam Hya	2.9910	4700.0	87	6069	No
33	GOM_NL__2PRFIN20030429_014936_000000522016_00003_06069_6499.N1	29-APR-2003 01:49:36	Bright	51.500	104	27Bet Lib	2.6140	13100.	103	6069	No
34	GOM_NL__2PRFIN20030429_015218_000000372016_00003_06069_6500.N1	29-APR-2003 01:52:18	Bright	37.000	121	29Gam Vir	2.7400	7200.0	74	6069	No
35	GOM_NL__2PRFIN20030429_015540_000000372016_00003_06069_6501.N1	29-APR-2003 01:55:40	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	6069	No
36	GOM_NL__2PRFIN20030429_015806_000000412016_00003_06069_6502.N1	29-APR-2003 01:58:06	Bright	41.000	111	8Eta Boo	2.6800	6000.0	82	6069	No
37	GOM_NL__2PRFIN20030429_020327_000000362016_00003_06069_6503.N1	29-APR-2003 02:03:27	Bright	35.500	152	12Alp2CVn	2.8900	11000.	71	6069	No
38	GOM_NL__2PRFIN20030429_020459_000000422016_00003_06069_6504.N1	29-APR-2003 02:04:59	Bright	42.000	180	27Gam Boo	3.0400	8000.0	84	6069	No
39	GOM_NL__2PRFIN20030429_020705_000000392016_00003_06069_6505.N1	29-APR-2003 02:07:05	Bright	39.000	39	85Eta UMa	1.8540	24000.	78	6069	No
40	GOM_NL__2PRFIN20030429_020827_000000342016_00003_06069_6506.N1	29-APR-2003 02:08:27	Bright	34.000	32	77Eps UMa	1.7630	11000.	68	6069	No
41	GOM_NL__2PRFIN20030429_021034_000000372016_00003_06069_6507.N1	29-APR-2003 02:10:34	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	6069	No
42	GOM_NL__2PRFIN20030429_021432_000000392016_00003_06069_6508.N1	29-APR-2003 02:14:32	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	6069	No

43	GOM_NL__2PRFIN20030429_021811_000000342016_00003_06069_6509.N1	29-APR-2003 02:18:11	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	6069	No
44	GOM_NL__2PRFIN20030429_022445_000000432016_00003_06069_6510.N1	29-APR-2003 02:24:45	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	6069	No
45	GOM_NL__2PRFIN20030429_022757_000001572016_00003_06069_6511.N1	29-APR-2003 02:27:57	Bright	156.50	5	3Alp Lyr	0.033000	11000.	313	6069	No
46	GOM_NL__2PRFIN20030429_023517_000000762016_00003_06069_6512.N1	29-APR-2003 02:35:17	Twi_and_stray	76.000	92	53Eps Cyg	2.5000	4500.0	152	6069	No
47	GOM_NL__2PRFIN20030429_024010_000000452016_00003_06069_6513.N1	29-APR-2003 02:40:10	Twilight	45.000	90	54Alp Peg	2.4870	11000.	90	6069	No
48	GOM_NL__2PRFIN20030429_024413_000000622016_00003_06069_6514.N1	29-APR-2003 02:44:13	Dark	62.000	61	8Eps Peg	2.1000	3900.0	124	6069	No
49	GOM_NL__2PRFIN20030429_024639_000000492016_00003_06069_6515.N1	29-APR-2003 02:46:39	Dark	49.000	162	34Alp Aqr	2.9440	5350.0	98	6069	No
50	GOM_NL__2PRFIN20030429_025009_000000612016_00003_06069_6516.N1	29-APR-2003 02:50:09	Dark	60.500	154	22Bet Aqr	2.8990	5700.0	121	6069	No
51	GOM_NL__2PRFIN20030429_025253_000000462016_00003_06069_6517.N1	29-APR-2003 02:52:53	Dark	46.000	18	24Alp PsA	1.1660	9700.0	92	6069	No
52	GOM_NL__2PRFIN20030429_025700_000000392016_00003_06069_6518.N1	29-APR-2003 02:57:00	Dark	39.000	172	Gam Gru	3.0030	13100.	78	6069	No
53	GOM_NL__2PRFIN20030429_025837_000000432016_00003_06069_6519.N1	29-APR-2003 02:58:37	Dark	42.500	31	Alp Gru	1.7340	15200.	85	6069	No
54	GOM_NL__2PRFIN20030429_030120_000000452016_00004_06070_6520.N1	29-APR-2003 03:01:20	Dark	44.500	148	Alp Tuc	2.8780	4100.0	89	6070	No
55	GOM_NL__2PRFIN20030429_030402_000000402016_00004_06070_6492.N1	29-APR-2003 03:04:02	Dark	40.000	45	Alp Pav	1.9400	26000.	80	6070	No
56	GOM_NL__2PRFIN20030429_030921_000000742016_00004_06070_6493.N1	29-APR-2003 03:09:21	Dark	74.000	103	38Zet Sgr	2.6000	9700.0	148	6070	No
57	GOM_NL__2PRFIN20030429_031205_000000682016_00004_06070_6494.N1	29-APR-2003 03:12:05	Straylight	68.000	38	20Eps Sgr	1.8360	11000.	136	6070	No
58	GOM_NL__2PRFIN20030429_031506_000000492016_00004_06070_6495.N1	29-APR-2003 03:15:06	Straylight	48.500	4	Alp1Cen	-0.010000	5800.0	97	6070	No
59	GOM_NL__2PRFIN20030429_031829_000000392016_00004_06070_6496.N1	29-APR-2003 03:18:29	Straylight	38.500	78	Alp Lup	2.3040	28000.	77	6070	No
60	GOM_NL__2PRFIN20030429_032002_000000432016_00004_06070_6497.N1	29-APR-2003 03:20:02	Straylight	43.000	81	Eta Cen	2.3560	28000.	86	6070	No
61	GOM_NL__2PRFIN20030429_032210_000000752016_00004_06070_6498.N1	29-APR-2003 03:22:10	Twi_and_stray	74.500	16	21Alp Sco	1.0200	3000.0	149	6070	No
62	GOM_NL__2PRFIN20030429_032432_000000652016_00004_06070_6499.N1	29-APR-2003 03:24:32	Twi_and_stray	65.000	80	7Del Sco	2.3160	30000.	130	6070	No
63	GOM_NL__2PRFIN20030429_033013_000000502016_00004_06070_6500.N1	29-APR-2003 03:30:13	Bright	50.000	104	27Bet Lib	2.6140	13100.	100	6070	No
64	GOM_NL__2PRFIN20030429_033254_000000372016_00004_06070_6501.N1	29-APR-2003 03:32:54	Bright	36.500	121	29Gam Vir	2.7400	7200.0	73	6070	No
65	GOM_NL__2PRFIN20030429_033616_000000372016_00004_06070_6502.N1	29-APR-2003 03:36:16	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	6070	No
66	GOM_NL__2PRFIN20030429_033842_000000392016_00004_06070_6503.N1	29-APR-2003 03:38:42	Bright	39.000	111	8Eta Boo	2.6800	6000.0	78	6070	No
67	GOM_NL__2PRFIN20030429_034236_000000452016_00004_06070_6504.N1	29-APR-2003 03:42:36	Bright	44.500	83		2.3780	11000.	89	6070	No
68	GOM_NL__2PRFIN20030429_034534_000000422016_00004_06070_6505.N1	29-APR-2003 03:45:34	Bright	42.000	180	27Gam Boo	3.0400	8000.0	84	6070	No
69	GOM_NL__2PRFIN20030429_034741_000000392016_00004_06070_6506.N1	29-APR-2003 03:47:41	Bright	38.500	39	85Eta UMa	1.8540	24000.	77	6070	No
70	GOM_NL__2PRFIN20030429_034858_000000352016_00004_06070_6507.N1	29-APR-2003 03:48:58	Bright	35.000	55	79Zet UMa	2.0600	10200.	70	6070	No
71	GOM_NL__2PRFIN20030429_035111_000000372016_00004_06070_6508.N1	29-APR-2003 03:51:11	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	6070	No
72	GOM_NL__2PRFIN20030429_035508_000000372016_00004_06070_6509.N1	29-APR-2003 03:55:08	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	6070	No
73	GOM_NL__2PRFIN20030429_035847_000000352016_00004_06070_6510.N1	29-APR-2003 03:58:47	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	6070	No
74	GOM_NL__2PRFIN20030429_040520_000000402016_00004_06070_6511.N1	29-APR-2003 04:05:20	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	6070	No
75	GOM_NL__2PRFIN20030429_040832_000001582016_00004_06070_6512.N1	29-APR-2003 04:08:32	Bright	157.50	5	3Alp Lyr	0.033000	11000.	315	6070	No
76	GOM_NL__2PRFIN20030429_041626_000000452016_00004_06070_6513.N1	29-APR-2003 04:16:26	Bright	45.000	164	44Eta Peg	2.9480	5400.0	90	6070	No
77	GOM_NL__2PRFIN20030429_042047_000000442016_00004_06070_6514.N1	29-APR-2003 04:20:47	Twilight	43.500	90	54Alp Peg	2.4870	11000.	87	6070	No
78	GOM_NL__2PRFIN20030429_042449_000000652016_00004_06070_6515.N1	29-APR-2003 04:24:49	Dark	65.000	61	8Eps Peg	2.1000	3900.0	130	6070	No
79	GOM_NL__2PRFIN20030429_042716_000000542016_00004_06070_6516.N1	29-APR-2003 04:27:16	Dark	53.500	162	34Alp Aqr	2.9440	5350.0	107	6070	No
80	GOM_NL__2PRFIN20030429_043046_000000612016_00004_06070_6517.N1	29-APR-2003 04:30:46	Dark	60.500	154	22Bet Aqr	2.8990	5700.0	121	6070	No
81	GOM_NL__2PRFIN20030429_043330_000000482016_00004_06070_6518.N1	29-APR-2003 04:33:30	Dark	48.000	18	24Alp PsA	1.1660	9700.0	96	6070	No
82	GOM_NL__2PRFIN20030429_043736_000000452016_00004_06070_6519.N1	29-APR-2003 04:37:36	Dark	44.500	172	Gam Gru	3.0030	13100.	89	6070	No
83	GOM_NL__2PRFIN20030429_043913_000000412016_00004_06070_6520.N1	29-APR-2003 04:39:13	Dark	41.000	31	Alp Gru	1.7340	15200.	82	6070	No
84	GOM_NL__2PRFIN20030429_044156_000000442016_00005_06071_6521.N1	29-APR-2003 04:41:56	Dark	44.000	148	Alp Tuc	2.8780	4100.0	88	6071	No
85	GOM_NL__2PRFIN20030429_044439_000000412016_00005_06071_6492.N1	29-APR-2003 04:44:39	Dark	40.500	45	Alp Pav	1.9400	26000.	81	6071	No
86	GOM_NL__2PRFIN20030429_044959_000000762016_00005_06071_6493.N1	29-APR-2003 04:49:59	Dark	75.500	103	38Zet Sgr	2.6000	9700.0	151	6071	No
87	GOM_NL__2PRFIN20030429_045243_000000702016_00005_06071_6494.N1	29-APR-2003 04:52:43	Straylight	70.000	38	20Eps Sgr	1.8360	11000.	140	6071	No
88	GOM_NL__2PRFIN20030429_045542_000000432016_00005_06071_6495.N1	29-APR-2003 04:55:42	Straylight	42.500	4	Alp1Cen	-0.010000	5800.0	85	6071	No
89	GOM_NL__2PRFIN20030429_045905_000000402016_00005_06071_6496.N1	29-APR-2003 04:59:05	Straylight	40.000	78	Alp Lup	2.3040	28000.	80	6071	No
90	GOM_NL__2PRFIN20030429_050039_000000412016_00005_06071_6497.N1	29-APR-2003 05:00:39	Straylight	41.000	81	Eta Cen	2.3560	28000.	82	6071	No
91	GOM_NL__2PRFIN20030429_050247_000000752016_00005_06071_6498.N1	29-APR-2003 05:02:47	Twi_and_stray	74.500	16	21Alp Sco	1.0200	3000.0	149	6071	No
92	GOM_NL__2PRFIN20030429_050508_000000682016_00005_06071_6499.N1	29-APR-2003 05:05:08	Twi_and_stray	68.000	80	7Del Sco	2.3160	30000.	136	6071	No
93	GOM_NL__2PRFIN20030429_051049_000000512016_00005_06071_6500.N1	29-APR-2003 05:10:49	Bright	51.000	104	27Bet Lib	2.6140	13100.	102	6071	No
94	GOM_NL__2PRFIN20030429_051330_000000362016_00005_06071_6501.N1	29-APR-2003 05:13:30	Bright	36.000	121	29Gam Vir	2.7400	7200.0	72	6071	No
95	GOM_NL__2PRFIN20030429_051652_000000372016_00005_06071_6502.N1	29-APR-2003 05:16:52	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	6071	No
96	GOM_NL__2PRFIN20030429_051918_000000392016_00005_06071_6503.N1	29-APR-2003 05:19:18	Bright	39.000	111	8Eta Boo	2.6800	6000.0	78	6071	No
97	GOM_NL__2PRFIN20030429_052311_000000502016_00005_06071_6504.N1	29-APR-2003 05:23:11	Bright	49.500	83		2.3780	11000.	99	6071	No
98	GOM_NL__2PRFIN20030429_052610_000000412016_00005_06071_6505.N1	29-APR-2003 05:26:10	Bright	40.500	180	27Gam Boo	3.0400	8000.0	81	6071	No
99	GOM_NL__2PRFIN20030429_052817_000000392016_00005_06071_6506.N1	29-APR-2003 05:28:17	Bright	38.500	39	85Eta UMa	1.8540	24000.	77	6071	No
100	GOM_NL__2PRFIN20030429_052933_000000382016_00005_06071_6507.N1	29-APR-2003 05:29:33	Bright	37.500	55	79Zet UMa	2.0600	10200.	75	6071	No
101	GOM_NL__2PRFIN20030429_053147_000000372016_00005_06071_6508.N1	29-APR-2003 05:31:47	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	6071	No

102	GOM_NL__2PRFIN20030429_053544_000000392016_00005_06071_6509.N1	29-APR-2003 05:35:44	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	6071	No
103	GOM_NL__2PRFIN20030429_053923_000000372016_00005_06071_6510.N1	29-APR-2003 05:39:23	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	6071	No
104	GOM_NL__2PRFIN20030429_054556_000000422016_00005_06071_6511.N1	29-APR-2003 05:45:56	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	6071	No
105	GOM_NL__2PRFIN20030429_054907_000001832016_00005_06071_6512.N1	29-APR-2003 05:49:07	Bright	183.00	5	3Alp Lyr	0.033000	11000.	366	6071	No
106	GOM_NL__2PRFIN20030429_055702_000000462016_00005_06071_6513.N1	29-APR-2003 05:57:02	Bright	45.500	164	44Eta Peg	2.9480	5400.0	91	6071	No
107	GOM_NL__2PRFIN20030429_060123_000000462016_00005_06071_6514.N1	29-APR-2003 06:01:23	Twilight	46.000	90	54Alp Peg	2.4870	11000.	92	6071	No
108	GOM_NL__2PRFIN20030429_060525_000000672016_00005_06071_6515.N1	29-APR-2003 06:05:25	Dark	66.500	61	8Eps Peg	2.1000	3900.0	133	6071	No
109	GOM_NL__2PRFIN20030429_060753_000000542016_00005_06071_6516.N1	29-APR-2003 06:07:53	Dark	53.500	162	34Alp Aqr	2.9440	5350.0	107	6071	No
110	GOM_NL__2PRFIN20030429_061123_000000632016_00005_06071_6517.N1	29-APR-2003 06:11:23	Dark	63.000	154	22Bet Aqr	2.8990	5700.0	126	6071	No
111	GOM_NL__2PRFIN20030429_061406_000000452016_00005_06071_6518.N1	29-APR-2003 06:14:06	Dark	45.000	18	24Alp PsA	1.1660	9700.0	90	6071	No
112	GOM_NL__2PRFIN20030429_061813_000000432016_00005_06071_6519.N1	29-APR-2003 06:18:13	Dark	42.500	172	Gam Gru	3.0030	13100.	85	6071	No
113	GOM_NL__2PRFIN20030429_061950_000000422016_00005_06071_6520.N1	29-APR-2003 06:19:50	Dark	41.500	31	Alp Gru	1.7340	15200.	83	6071	No
114	GOM_NL__2PRFIN20030429_062233_000000402016_00006_06072_6521.N1	29-APR-2003 06:22:33	Dark	40.000	148	Alp Tuc	2.8780	4100.0	80	6072	No
115	GOM_NL__2PRFIN20030429_062515_000000402016_00006_06072_6628.N1	29-APR-2003 06:25:15	Dark	40.000	45	Alp Pav	1.9400	26000.	80	6072	No
116	GOM_NL__2PRFIN20030429_063036_000000732016_00006_06072_6629.N1	29-APR-2003 06:30:36	Dark	72.500	103	38Zet Sgr	2.6000	9700.0	145	6072	No
117	GOM_NL__2PRFIN20030429_063320_000000702016_00006_06072_6630.N1	29-APR-2003 06:33:20	Straylight	70.000	38	20Eps Sgr	1.8360	11000.	140	6072	No
118	GOM_NL__2PRFIN20030429_063618_000000432016_00006_06072_6631.N1	29-APR-2003 06:36:18	Straylight	42.500	4	Alp1Cen	-0.010000	5800.0	85	6072	No
119	GOM_NL__2PRFIN20030429_063942_000000432016_00006_06072_6632.N1	29-APR-2003 06:39:42	Straylight	42.500	78	Alp Lup	2.3040	28000.	85	6072	No
120	GOM_NL__2PRFIN20030429_064115_000000422016_00006_06072_6633.N1	29-APR-2003 06:41:15	Straylight	42.000	81	Eta Cen	2.3560	28000.	84	6072	No
121	GOM_NL__2PRFIN20030429_064323_000000782016_00006_06072_6634.N1	29-APR-2003 06:43:23	Twi_and_stray	78.000	16	21Alp Sco	1.0200	3000.0	156	6072	No
122	GOM_NL__2PRFIN20030429_064544_000000642016_00006_06072_6635.N1	29-APR-2003 06:45:44	Twi_and_stray	63.500	80	7Del Sco	2.3160	30000.	127	6072	No
123	GOM_NL__2PRFIN20030429_065124_000000512016_00006_06072_6636.N1	29-APR-2003 06:51:24	Bright	51.000	104	27Bet Lib	2.6140	13100.	102	6072	No
124	GOM_NL__2PRFIN20030429_065406_000000372016_00006_06072_6637.N1	29-APR-2003 06:54:06	Bright	36.500	121	29Gam Vir	2.7400	7200.0	73	6072	No
125	GOM_NL__2PRFIN20030429_065728_000000372016_00006_06072_6638.N1	29-APR-2003 06:57:28	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	6072	No
126	GOM_NL__2PRFIN20030429_065953_000000412016_00006_06072_6639.N1	29-APR-2003 06:59:53	Bright	41.000	111	8Eta Boo	2.6800	6000.0	82	6072	No
127	GOM_NL__2PRFIN20030429_070347_000000492016_00006_06072_6640.N1	29-APR-2003 07:03:47	Bright	48.500	83		2.3780	11000.	97	6072	No
128	GOM_NL__2PRFIN20030429_070645_000000432016_00006_06072_6641.N1	29-APR-2003 07:06:45	Bright	42.500	180	27Gam Boo	3.0400	8000.0	85	6072	No
129	GOM_NL__2PRFIN20030429_070852_000000392016_00006_06072_6642.N1	29-APR-2003 07:08:52	Bright	39.000	39	85Eta UMa	1.8540	24000.	78	6072	No
130	GOM_NL__2PRFIN20030429_071009_000000392016_00006_06072_6643.N1	29-APR-2003 07:10:09	Bright	38.500	55	79Zet UMa	2.0600	10200.	77	6072	No
131	GOM_NL__2PRFIN20030429_071223_000000352016_00006_06072_6644.N1	29-APR-2003 07:12:23	Bright	34.500	36	50Alp UMa	1.8000	6300.0	69	6072	No
132	GOM_NL__2PRFIN20030429_071620_000000402016_00006_06072_6645.N1	29-APR-2003 07:16:20	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	6072	No
133	GOM_NL__2PRFIN20030429_071959_000000362016_00006_06072_6646.N1	29-APR-2003 07:19:59	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	6072	No
134	GOM_NL__2PRFIN20030429_072631_000000412016_00006_06072_6647.N1	29-APR-2003 07:26:31	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	6072	No
135	GOM_NL__2PRFIN20030429_072942_000001602016_00006_06072_6648.N1	29-APR-2003 07:29:42	Bright	160.00	5	3Alp Lyr	0.033000	11000.	320	6072	No
136	GOM_NL__2PRFIN20030429_073738_000000432016_00006_06072_6649.N1	29-APR-2003 07:37:38	Bright	43.000	164	44Eta Peg	2.9480	5400.0	86	6072	No
137	GOM_NL__2PRFIN20030429_074159_000000442016_00006_06072_6650.N1	29-APR-2003 07:41:59	Twilight	44.000	90	54Alp Peg	2.4870	11000.	88	6072	No
138	GOM_NL__2PRFIN20030429_074602_000000622016_00006_06072_6651.N1	29-APR-2003 07:46:02	Dark	62.000	61	8Eps Peg	2.1000	3900.0	124	6072	No
139	GOM_NL__2PRFIN20030429_074829_000000512016_00006_06072_6652.N1	29-APR-2003 07:48:29	Dark	51.000	162	34Alp Aqr	2.9440	5350.0	102	6072	No
140	GOM_NL__2PRFIN20030429_075200_000000572016_00006_06072_6653.N1	29-APR-2003 07:52:00	Dark	57.000	154	22Bet Aqr	2.8990	5700.0	114	6072	No
141	GOM_NL__2PRFIN20030429_075442_000000432016_00006_06072_6654.N1	29-APR-2003 07:54:42	Dark	43.000	18	24Alp PsA	1.1660	9700.0	86	6072	No
142	GOM_NL__2PRFIN20030429_075850_000000422016_00006_06072_6655.N1	29-APR-2003 07:58:50	Dark	41.500	172	Gam Gru	3.0030	13100.	83	6072	No
143	GOM_NL__2PRFIN20030429_080026_000000412016_00006_06072_6656.N1	29-APR-2003 08:00:26	Dark	40.500	31	Alp Gru	1.7340	15200.	81	6072	No
144	GOM_NL__2PRFIN20030429_080309_000000392016_00007_06073_6657.N1	29-APR-2003 08:03:09	Dark	38.500	148	Alp Tuc	2.8780	4100.0	77	6073	No
145	GOM_NL__2PRFIN20030429_080552_000000422016_00007_06073_6512.N1	29-APR-2003 08:05:52	Dark	41.500	45	Alp Pav	1.9400	26000.	83	6073	No
146	GOM_NL__2PRFIN20030429_081114_000000762016_00007_06073_6513.N1	29-APR-2003 08:11:14	Dark	76.000	103	38Zet Sgr	2.6000	9700.0	152	6073	No
147	GOM_NL__2PRFIN20030429_081357_000000682016_00007_06073_6514.N1	29-APR-2003 08:13:57	Straylight	68.000	38	20Eps Sgr	1.8360	11000.	136	6073	No
148	GOM_NL__2PRFIN20030429_081654_000000472016_00007_06073_6515.N1	29-APR-2003 08:16:54	Straylight	46.500	4	Alp1Cen	-0.010000	5800.0	93	6073	No
149	GOM_NL__2PRFIN20030429_082018_000000412016_00007_06073_6516.N1	29-APR-2003 08:20:18	Straylight	41.000	78	Alp Lup	2.3040	28000.	82	6073	No
150	GOM_NL__2PRFIN20030429_082151_000000412016_00007_06073_6517.N1	29-APR-2003 08:21:51	Straylight	40.500	81	Eta Cen	2.3560	28000.	81	6073	No
151	GOM_NL__2PRFIN20030429_082400_000000812016_00007_06073_6518.N1	29-APR-2003 08:24:00	Twi_and_stray	81.000	16	21Alp Sco	1.0200	3000.0	162	6073	No
152	GOM_NL__2PRFIN20030429_082620_000000662016_00007_06073_6519.N1	29-APR-2003 08:26:20	Twi_and_stray	65.500	80	7Del Sco	2.3160	30000.	131	6073	No
153	GOM_NL__2PRFIN20030429_083200_000000512016_00007_06073_6520.N1	29-APR-2003 08:32:00	Bright	50.500	104	27Bet Lib	2.6140	13100.	101	6073	No
154	GOM_NL__2PRFIN20030429_083442_000000372016_00007_06073_6521.N1	29-APR-2003 08:34:42	Bright	36.500	121	29Gam Vir	2.7400	7200.0	73	6073	No
155	GOM_NL__2PRFIN20030429_083804_000000372016_00007_06073_6522.N1	29-APR-2003 08:38:04	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	6073	No
156	GOM_NL__2PRFIN20030429_084029_000000412016_00007_06073_6523.N1	29-APR-2003 08:40:29	Bright	41.000	111	8Eta Boo	2.6800	6000.0	82	6073	No
157	GOM_NL__2PRFIN20030429_084422_000000482016_00007_06073_6524.N1	29-APR-2003 08:44:22	Bright	48.000	83		2.3780	11000.	96	6073	No
158	GOM_NL__2PRFIN20030429_084720_000000432016_00007_06073_6525.N1	29-APR-2003 08:47:20	Bright	42.500	180	27Gam Boo	3.0400	8000.0	85	6073	No
159	GOM_NL__2PRFIN20030429_084928_000000392016_00007_06073_6526.N1	29-APR-2003 08:49:28	Bright	38.500	39	85Eta UMa	1.8540	24000.	77	6073	No
160	GOM_NL__2PRFIN20030429_085045_000000382016_00007_06073_6527.N1	29-APR-2003 08:50:45	Bright	37.500	55	79Zet UMa	2.0600	10200.	75	6073	No

161	GOM_NL__2PRFIN20030429_085259_000000372016_00007_06073_6528.N1	29-APR-2003 08:52:59	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	6073	No
162	GOM_NL__2PRFIN20030429_085655_000000392016_00007_06073_6529.N1	29-APR-2003 08:56:55	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	6073	No
163	GOM_NL__2PRFIN20030429_090034_000000342016_00007_06073_6530.N1	29-APR-2003 09:00:34	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	6073	No
164	GOM_NL__2PRFIN20030429_090707_000000442016_00007_06073_6531.N1	29-APR-2003 09:07:07	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	6073	No
165	GOM_NL__2PRFIN20030429_091016_000001692016_00007_06073_6532.N1	29-APR-2003 09:10:16	Bright	169.00	5	3Alp Lyr	0.033000	11000.	338	6073	No
166	GOM_NL__2PRFIN20030429_091814_000000462016_00007_06073_6533.N1	29-APR-2003 09:18:14	Bright	46.000	164	44Eta Peg	2.9480	5400.0	92	6073	No
167	GOM_NL__2PRFIN20030429_092235_000000422016_00007_06073_6534.N1	29-APR-2003 09:22:35	Twilight	42.000	90	54Alp Peg	2.4870	11000.	84	6073	No
168	GOM_NL__2PRFIN20030429_092639_000000632016_00007_06073_6535.N1	29-APR-2003 09:26:39	Dark	62.500	61	8Eps Peg	2.1000	3900.0	125	6073	No
169	GOM_NL__2PRFIN20030429_092905_000000532016_00007_06073_6536.N1	29-APR-2003 09:29:05	Dark	53.000	162	34Alp Aqr	2.9440	5350.0	106	6073	No
170	GOM_NL__2PRFIN20030429_093237_000000602016_00007_06073_6537.N1	29-APR-2003 09:32:37	Dark	60.000	154	22Bet Aqr	2.8990	5700.0	120	6073	No
171	GOM_NL__2PRFIN20030429_093518_000000442016_00007_06073_6538.N1	29-APR-2003 09:35:18	Dark	43.500	18	24Alp PsA	1.1660	9700.0	87	6073	No
172	GOM_NL__2PRFIN20030429_093926_000000432016_00007_06073_6539.N1	29-APR-2003 09:39:26	Dark	42.500	172	Gam Gru	3.0030	13100.	85	6073	No
173	GOM_NL__2PRFIN20030429_094102_000000412016_00007_06073_6540.N1	29-APR-2003 09:41:02	Dark	41.000	31	Alp Gru	1.7340	15200.	82	6073	No
174	GOM_NL__2PRFIN20030429_094345_000000382016_00008_06074_6541.N1	29-APR-2003 09:43:45	Dark	37.500	148	Alp Tuc	2.8780	4100.0	75	6074	No
175	GOM_NL__2PRFIN20030429_094628_000000432016_00008_06074_6512.N1	29-APR-2003 09:46:28	Dark	42.500	45	Alp Pav	1.9400	26000.	85	6074	No
176	GOM_NL__2PRFIN20030429_095152_000000752016_00008_06074_6513.N1	29-APR-2003 09:51:52	Dark	75.000	103	38Zet Sgr	2.6000	9700.0	150	6074	No
177	GOM_NL__2PRFIN20030429_095434_000000752016_00008_06074_6514.N1	29-APR-2003 09:54:34	Straylight	75.000	38	20Eps Sgr	1.8360	11000.	150	6074	No
178	GOM_NL__2PRFIN20030429_095730_000000532016_00008_06074_6515.N1	29-APR-2003 09:57:30	Straylight	53.000	4	Alp1Cen	-0.010000	5800.0	106	6074	No
179	GOM_NL__2PRFIN20030429_100054_000000452016_00008_06074_6516.N1	29-APR-2003 10:00:54	Straylight	44.500	78	Alp Lup	2.3040	28000.	89	6074	No
180	GOM_NL__2PRFIN20030429_100227_000000432016_00008_06074_6517.N1	29-APR-2003 10:02:27	Straylight	43.000	81	Eta Cen	2.3560	28000.	86	6074	No
181	GOM_NL__2PRFIN20030429_100436_000000732016_00008_06074_6518.N1	29-APR-2003 10:04:36	Twi_and_stray	73.000	16	21Alp Sco	1.0200	3000.0	146	6074	No
182	GOM_NL__2PRFIN20030429_100656_000000652016_00008_06074_6519.N1	29-APR-2003 10:06:56	Twi_and_stray	65.000	80	7Del Sco	2.3160	30000.	130	6074	No
183	GOM_NL__2PRFIN20030429_101236_000000502016_00008_06074_6520.N1	29-APR-2003 10:12:36	Bright	50.000	104	27Bet Lib	2.6140	13100.	100	6074	No
184	GOM_NL__2PRFIN20030429_101518_000000382016_00008_06074_6521.N1	29-APR-2003 10:15:18	Bright	37.500	121	29Gam Vir	2.7400	7200.0	75	6074	No
185	GOM_NL__2PRFIN20030429_101840_000000382016_00008_06074_6522.N1	29-APR-2003 10:18:40	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	6074	No
186	GOM_NL__2PRFIN20030429_102104_000000412016_00008_06074_6523.N1	29-APR-2003 10:21:04	Bright	40.500	111	8Eta Boo	2.6800	6000.0	81	6074	No
187	GOM_NL__2PRFIN20030429_102457_000000502016_00008_06074_6524.N1	29-APR-2003 10:24:57	Bright	49.500	83		2.3780	11000.	99	6074	No
188	GOM_NL__2PRFIN20030429_102756_000000442016_00008_06074_6525.N1	29-APR-2003 10:27:56	Bright	44.000	180	27Gam Boo	3.0400	8000.0	88	6074	No
189	GOM_NL__2PRFIN20030429_103003_000000382016_00008_06074_6526.N1	29-APR-2003 10:30:03	Bright	37.500	39	85Eta UMa	1.8540	24000.	75	6074	No
190	GOM_NL__2PRFIN20030429_103120_000000382016_00008_06074_6527.N1	29-APR-2003 10:31:20	Bright	37.500	55	79Zet UMa	2.0600	10200.	75	6074	No
191	GOM_NL__2PRFIN20030429_103335_000000382016_00008_06074_6528.N1	29-APR-2003 10:33:35	Bright	38.000	36	50Alp UMa	1.8000	6300.0	76	6074	No
192	GOM_NL__2PRFIN20030429_103731_000000402016_00008_06074_6529.N1	29-APR-2003 10:37:31	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	6074	No
193	GOM_NL__2PRFIN20030429_104110_000000362016_00008_06074_6530.N1	29-APR-2003 10:41:10	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	6074	No
194	GOM_NL__2PRFIN20030429_104742_000000432016_00008_06074_6531.N1	29-APR-2003 10:47:42	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	6074	No
195	GOM_NL__2PRFIN20030429_105050_000001592016_00008_06074_6532.N1	29-APR-2003 10:50:50	Bright	159.00	5	3Alp Lyr	0.033000	11000.	318	6074	No
196	GOM_NL__2PRFIN20030429_105850_000000452016_00008_06074_6533.N1	29-APR-2003 10:58:50	Bright	45.000	164	44Eta Peg	2.9480	5400.0	90	6074	No
197	GOM_NL__2PRFIN20030429_110311_000000462016_00008_06074_6534.N1	29-APR-2003 11:03:11	Twilight	46.000	90	54Alp Peg	2.4870	11000.	92	6074	No
198	GOM_NL__2PRFIN20030429_110715_000000672016_00008_06074_6535.N1	29-APR-2003 11:07:15	Dark	67.000	61	8Eps Peg	2.1000	3900.0	134	6074	No
199	GOM_NL__2PRFIN20030429_110942_000000522016_00008_06074_6536.N1	29-APR-2003 11:09:42	Dark	51.500	162	34Alp Aqr	2.9440	5350.0	103	6074	No
200	GOM_NL__2PRFIN20030429_111313_000000602016_00008_06074_6537.N1	29-APR-2003 11:13:13	Dark	60.000	154	22Bet Aqr	2.8990	5700.0	120	6074	No
201	GOM_NL__2PRFIN20030429_111555_000000522016_00008_06074_6538.N1	29-APR-2003 11:15:55	Dark	52.000	18	24Alp PsA	1.1660	9700.0	104	6074	No
202	GOM_NL__2PRFIN20030429_112003_000000432016_00008_06074_6539.N1	29-APR-2003 11:20:03	Dark	43.000	172	Gam Gru	3.0030	13100.	86	6074	No
203	GOM_NL__2PRFIN20030429_112138_000000452016_00008_06074_6540.N1	29-APR-2003 11:21:38	Dark	45.000	31	Alp Gru	1.7340	15200.	90	6074	No
204	GOM_NL__2PRFIN20030429_112421_000000392016_00009_06075_6541.N1	29-APR-2003 11:24:21	Dark	39.000	148	Alp Tuc	2.8780	4100.0	78	6075	No
205	GOM_NL__2PRFIN20030429_112704_000000462016_00009_06075_6629.N1	29-APR-2003 11:27:04	Dark	46.000	45	Alp Pav	1.9400	26000.	92	6075	No
206	GOM_NL__2PRFIN20030429_113229_000000762016_00009_06075_6630.N1	29-APR-2003 11:32:29	Dark	75.500	103	38Zet Sgr	2.6000	9700.0	151	6075	No
207	GOM_NL__2PRFIN20030429_113512_000000692016_00009_06075_6631.N1	29-APR-2003 11:35:12	Straylight	69.000	38	20Eps Sgr	1.8360	11000.	138	6075	No
208	GOM_NL__2PRFIN20030429_113806_000000442016_00009_06075_6632.N1	29-APR-2003 11:38:06	Straylight	43.500	4	Alp1Cen	-0.010000	5800.0	87	6075	No
209	GOM_NL__2PRFIN20030429_114130_000000402016_00009_06075_6633.N1	29-APR-2003 11:41:30	Straylight	39.500	78	Alp Lup	2.3040	28000.	79	6075	No
210	GOM_NL__2PRFIN20030429_114303_000000402016_00009_06075_6634.N1	29-APR-2003 11:43:03	Straylight	40.000	81	Eta Cen	2.3560	28000.	80	6075	No
211	GOM_NL__2PRFIN20030429_114512_000000742016_00009_06075_6635.N1	29-APR-2003 11:45:12	Twi_and_stray	73.500	16	21Alp Sco	1.0200	3000.0	147	6075	No
212	GOM_NL__2PRFIN20030429_114733_000000642016_00009_06075_6636.N1	29-APR-2003 11:47:33	Twi_and_stray	63.500	80	7Del Sco	2.3160	30000.	127	6075	No
213	GOM_NL__2PRFIN20030429_114930_000000372016_00009_06075_6637.N1	29-APR-2003 11:49:30	Bright	37.000	169	46Gam Hya	2.9910	4700.0	74	6075	No
214	GOM_NL__2PRFIN20030429_115311_000000512016_00009_06075_6638.N1	29-APR-2003 11:53:11	Bright	51.000	104	27Bet Lib	2.6140	13100.	102	6075	No
215	GOM_NL__2PRFIN20030429_115554_000000382016_00009_06075_6639.N1	29-APR-2003 11:55:54	Bright	37.500	121	29Gam Vir	2.7400	7200.0	75	6075	No
216	GOM_NL__2PRFIN20030429_115915_000000372016_00009_06075_6640.N1	29-APR-2003 11:59:15	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	6075	No
217	GOM_NL__2PRFIN20030429_120140_000000392016_00009_06075_6641.N1	29-APR-2003 12:01:40	Bright	39.000	111	8Eta Boo	2.6800	6000.0	78	6075	No
218	GOM_NL__2PRFIN20030429_120532_000000502016_00009_06075_6642.N1	29-APR-2003 12:05:32	Bright	50.000	83		2.3780	11000.	100	6075	No
219	GOM_NL__2PRFIN20030429_120830_000000432016_00009_06075_6643.N1	29-APR-2003 12:08:30	Bright	42.500	180	27Gam Boo	3.0400	8000.0	85	6075	No

220	GOM_NL__2PRFIN20030429_121038_000000402016_00009_06075_6644.N1	29-APR-2003 12:10:38	Bright	40.000	39	85Eta UMa	1.8540	24000.	80	6075	No
221	GOM_NL__2PRFIN20030429_121156_000000472016_00009_06075_6645.N1	29-APR-2003 12:11:56	Bright	47.000	55	79Zet UMa	2.0600	10200.	94	6075	No
222	GOM_NL__2PRFIN20030429_121411_000000392016_00009_06075_6646.N1	29-APR-2003 12:14:11	Bright	38.500	36	50Alp UMa	1.8000	6300.0	77	6075	No
223	GOM_NL__2PRFIN20030429_121806_000000412016_00009_06075_6647.N1	29-APR-2003 12:18:06	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	6075	No
224	GOM_NL__2PRFIN20030429_122146_000000362016_00009_06075_6648.N1	29-APR-2003 12:21:46	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	6075	No
225	GOM_NL__2PRFIN20030429_122818_000000432016_00009_06075_6649.N1	29-APR-2003 12:28:18	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	6075	No
226	GOM_NL__2PRFIN20030429_123124_000001452016_00009_06075_6650.N1	29-APR-2003 12:31:24	Bright	145.00	5	3Alp Lyr	0.033000	11000.	290	6075	No
227	GOM_NL__2PRFIN20030429_123524_000000722016_00009_06075_6651.N1	29-APR-2003 12:35:24	Bright	71.500	66	37Gam Cyg	2.2080	5900.0	143	6075	No
228	GOM_NL__2PRFIN20030429_123849_000000842016_00009_06075_6652.N1	29-APR-2003 12:38:49	Twi_and_stray	83.500	92	53Eps Cyg	2.5000	4500.0	167	6075	No
229	GOM_NL__2PRFIN20030429_124347_000000462016_00009_06075_6653.N1	29-APR-2003 12:43:47	Twilight	46.000	90	54Alp Peg	2.4870	11000.	92	6075	No
230	GOM_NL__2PRFIN20030429_124751_000000682016_00009_06075_6654.N1	29-APR-2003 12:47:51	Dark	67.500	61	8Eps Peg	2.1000	3900.0	135	6075	No
231	GOM_NL__2PRFIN20030429_125019_000000522016_00009_06075_6655.N1	29-APR-2003 12:50:19	Dark	51.500	162	34Alp Aqr	2.9440	5350.0	103	6075	No
232	GOM_NL__2PRFIN20030429_125350_000000622016_00009_06075_6656.N1	29-APR-2003 12:53:50	Dark	61.500	154	22Bet Aqr	2.8990	5700.0	123	6075	No
233	GOM_NL__2PRFIN20030429_125631_000000522016_00009_06075_6657.N1	29-APR-2003 12:56:31	Dark	51.500	18	24Alp PsA	1.1660	9700.0	103	6075	No
234	GOM_NL__2PRFIN20030429_130039_000000432016_00009_06075_6658.N1	29-APR-2003 13:00:39	Dark	42.500	172	Gam Gru	3.0030	13100.	85	6075	No
235	GOM_NL__2PRFIN20030429_130215_000000442016_00009_06075_6659.N1	29-APR-2003 13:02:15	Dark	44.000	31	Alp Gru	1.7340	15200.	88	6075	No
236	GOM_NL__2PRFIN20030429_130457_000000392016_00010_06076_6660.N1	29-APR-2003 13:04:57	Dark	38.500	148	Alp Tuc	2.8780	4100.0	77	6076	No
237	GOM_NL__2PRFIN20030429_130741_000000432016_00010_06076_6511.N1	29-APR-2003 13:07:41	Dark	42.500	45	Alp Pav	1.9400	26000.	85	6076	No
238	GOM_NL__2PRFIN20030429_131305_000000792016_00010_06076_6512.N1	29-APR-2003 13:13:05	Dark	79.000	103	38Zet Sgr	2.6000	9700.0	158	6076	No
239	GOM_NL__2PRFIN20030429_131548_000000702016_00010_06076_6513.N1	29-APR-2003 13:15:48	Straylight	69.500	38	20Eps Sgr	1.8360	11000.	139	6076	No
240	GOM_NL__2PRFIN20030429_131842_000000532016_00010_06076_6514.N1	29-APR-2003 13:18:42	Straylight	53.000	4	Alp1Cen	-0.010000	5800.0	106	6076	No
241	GOM_NL__2PRFIN20030429_132206_000000412016_00010_06076_6515.N1	29-APR-2003 13:22:06	Straylight	41.000	78	Alp Lup	2.3040	28000.	82	6076	No
242	GOM_NL__2PRFIN20030429_132339_000000432016_00010_06076_6516.N1	29-APR-2003 13:23:39	Straylight	42.500	81	Eta Cen	2.3560	28000.	85	6076	No
243	GOM_NL__2PRFIN20030429_132547_000000832016_00010_06076_6517.N1	29-APR-2003 13:25:47	Twi_and_stray	82.500	16	21Alp Sco	1.0200	3000.0	165	6076	No
244	GOM_NL__2PRFIN20030429_132808_000000682016_00010_06076_6518.N1	29-APR-2003 13:28:08	Twi_and_stray	67.500	80	7Del Sco	2.3160	30000.	135	6076	No
245	GOM_NL__2PRFIN20030429_133005_000000522016_00010_06076_6519.N1	29-APR-2003 13:30:05	Bright	51.500	169	46Gam Hya	2.9910	4700.0	103	6076	No
246	GOM_NL__2PRFIN20030429_133347_000000522016_00010_06076_6520.N1	29-APR-2003 13:33:47	Bright	51.500	104	27Bet Lib	2.6140	13100.	103	6076	No
247	GOM_NL__2PRFIN20030429_133629_000000382016_00010_06076_6521.N1	29-APR-2003 13:36:29	Bright	37.500	121	29Gam Vir	2.7400	7200.0	75	6076	No
248	GOM_NL__2PRFIN20030429_133950_000000382016_00010_06076_6522.N1	29-APR-2003 13:39:50	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	6076	No
249	GOM_NL__2PRFIN20030429_134215_000000402016_00010_06076_6523.N1	29-APR-2003 13:42:15	Bright	39.500	111	8Eta Boo	2.6800	6000.0	79	6076	No
250	GOM_NL__2PRFIN20030429_134607_000000482016_00010_06076_6524.N1	29-APR-2003 13:46:07	Bright	47.500	83		2.3780	11000.	95	6076	No
251	GOM_NL__2PRFIN20030429_134907_000000422016_00010_06076_6525.N1	29-APR-2003 13:49:07	Bright	41.500	180	27Gam Boo	3.0400	8000.0	83	6076	No
252	GOM_NL__2PRFIN20030429_135115_000000392016_00010_06076_6526.N1	29-APR-2003 13:51:15	Bright	38.500	39	85Eta UMa	1.8540	24000.	77	6076	No
253	GOM_NL__2PRFIN20030429_135233_000000372016_00010_06076_6527.N1	29-APR-2003 13:52:33	Bright	37.000	55	79Zet UMa	2.0600	10200.	74	6076	No
254	GOM_NL__2PRFIN20030429_135448_000000382016_00010_06076_6528.N1	29-APR-2003 13:54:48	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	6076	No
255	GOM_NL__2PRFIN20030429_135843_000000402016_00010_06076_6529.N1	29-APR-2003 13:58:43	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	6076	No
256	GOM_NL__2PRFIN20030429_140223_000000342016_00010_06076_6530.N1	29-APR-2003 14:02:23	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	6076	No
257	GOM_NL__2PRFIN20030429_140854_000000422016_00010_06076_6531.N1	29-APR-2003 14:08:54	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	6076	No
258	GOM_NL__2PRFIN20030429_141158_000001562016_00010_06076_6532.N1	29-APR-2003 14:11:58	Bright	156.00	5	3Alp Lyr	0.033000	11000.	312	6076	No
259	GOM_NL__2PRFIN20030429_141602_000000732016_00010_06076_6533.N1	29-APR-2003 14:16:02	Bright	72.500	66	37Gam Cyg	2.2080	5900.0	145	6076	No
260	GOM_NL__2PRFIN20030429_141928_000000762016_00010_06076_6534.N1	29-APR-2003 14:19:28	Twi_and_stray	75.500	92	53Eps Cyg	2.5000	4500.0	151	6076	No
261	GOM_NL__2PRFIN20030429_142424_000000432016_00010_06076_6535.N1	29-APR-2003 14:24:24	Twilight	43.000	90	54Alp Peg	2.4870	11000.	86	6076	No
262	GOM_NL__2PRFIN20030429_142829_000000632016_00010_06076_6536.N1	29-APR-2003 14:28:29	Dark	63.000	61	8Eps Peg	2.1000	3900.0	126	6076	No
263	GOM_NL__2PRFIN20030429_143056_000000512016_00010_06076_6537.N1	29-APR-2003 14:30:56	Dark	50.500	162	34Alp Aqr	2.9440	5350.0	101	6076	No
264	GOM_NL__2PRFIN20030429_143428_000000612016_00010_06076_6538.N1	29-APR-2003 14:34:28	Dark	60.500	154	22Bet Aqr	2.8990	5700.0	121	6076	No
265	GOM_NL__2PRFIN20030429_143708_000000452016_00010_06076_6539.N1	29-APR-2003 14:37:08	Dark	44.500	18	24Alp PsA	1.1660	9700.0	89	6076	No
266	GOM_NL__2PRFIN20030429_144117_000000412016_00010_06076_6540.N1	29-APR-2003 14:41:17	Dark	41.000	172	Gam Gru	3.0030	13100.	82	6076	No
267	GOM_NL__2PRFIN20030429_144252_000000442016_00010_06076_6541.N1	29-APR-2003 14:42:52	Dark	44.000	31	Alp Gru	1.7340	15200.	88	6076	No
268	GOM_NL__2PRFIN20030429_144535_000000432016_00011_06077_6511.N1	29-APR-2003 14:45:35	Dark	43.000	148	Alp Tuc	2.8780	4100.0	86	6077	No
269	GOM_NL__2PRFIN20030429_144818_000000422016_00011_06077_6512.N1	29-APR-2003 14:48:18	Dark	42.000	45	Alp Pav	1.9400	26000.	84	6077	No
270	GOM_NL__2PRFIN20030429_145346_000000752016_00011_06077_6513.N1	29-APR-2003 14:53:46	Dark	75.000	103	38Zet Sgr	2.6000	9700.0	150	6077	No
271	GOM_NL__2PRFIN20030429_145627_000000672016_00011_06077_6514.N1	29-APR-2003 14:56:27	Straylight	66.500	38	20Eps Sgr	1.8360	11000.	133	6077	No
272	GOM_NL__2PRFIN20030429_145919_000000452016_00011_06077_6515.N1	29-APR-2003 14:59:19	Straylight	45.000	4	Alp1Cen	-0.010000	5800.0	90	6077	No
273	GOM_NL__2PRFIN20030429_150243_000000392016_00011_06077_6516.N1	29-APR-2003 15:02:43	Straylight	38.500	78	Alp Lup	2.3040	28000.	77	6077	No
274	GOM_NL__2PRFIN20030429_150416_000000412016_00011_06077_6517.N1	29-APR-2003 15:04:16	Straylight	40.500	81	Eta Cen	2.3560	28000.	81	6077	No
275	GOM_NL__2PRFIN20030429_150625_000000742016_00011_06077_6518.N1	29-APR-2003 15:06:25	Twi_and_stray	74.000	16	21Alp Sco	1.0200	3000.0	148	6077	No
276	GOM_NL__2PRFIN20030429_150846_000000642016_00011_06077_6519.N1	29-APR-2003 15:08:46	Twi_and_stray	64.000	80	7Del Sco	2.3160	30000.	128	6077	No
277	GOM_NL__2PRFIN20030429_151042_000000462016_00011_06077_6520.N1	29-APR-2003 15:10:42	Bright	45.500	169	46Gam Hya	2.9910	4700.0	91	6077	No
278	GOM_NL__2PRFIN20030429_151424_000000512016_00011_06077_6521.N1	29-APR-2003 15:14:24	Bright	51.000	104	27Bet Lib	2.6140	13100.	102	6077	No

279	GOM_NL__2PRFIN20030429_151707_000000372016_00011_06077_6522.N1	29-APR-2003 15:17:07	Bright	36.500	121	29Gam Vir	2.7400	7200.0	73	6077	No
280	GOM_NL__2PRFIN20030429_152028_000000362016_00011_06077_6523.N1	29-APR-2003 15:20:28	Bright	36.000	138	47Eps Vir	2.8280	4700.0	72	6077	No
281	GOM_NL__2PRFIN20030429_152252_000000392016_00011_06077_6524.N1	29-APR-2003 15:22:52	Bright	39.000	111	8Eta Boo	2.6800	6000.0	78	6077	No
282	GOM_NL__2PRFIN20030429_152643_000000492016_00011_06077_6525.N1	29-APR-2003 15:26:43	Bright	48.500	83		2.3780	11000.	97	6077	No
283	GOM_NL__2PRFIN20030429_152942_000000402016_00011_06077_6526.N1	29-APR-2003 15:29:42	Bright	40.000	180	27Gam Boo	3.0400	8000.0	80	6077	No
284	GOM_NL__2PRFIN20030429_153151_000000402016_00011_06077_6527.N1	29-APR-2003 15:31:51	Bright	39.500	39	85Eta UMa	1.8540	24000.	79	6077	No
285	GOM_NL__2PRFIN20030429_153308_000000382016_00011_06077_6528.N1	29-APR-2003 15:33:08	Bright	37.500	55	79Zet UMa	2.0600	10200.	75	6077	No
286	GOM_NL__2PRFIN20030429_153524_000000392016_00011_06077_6529.N1	29-APR-2003 15:35:24	Bright	38.500	36	50Alp UMa	1.8000	6300.0	77	6077	No
287	GOM_NL__2PRFIN20030429_153918_000000392016_00011_06077_6530.N1	29-APR-2003 15:39:18	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	6077	No
288	GOM_NL__2PRFIN20030429_154259_000000362016_00011_06077_6531.N1	29-APR-2003 15:42:59	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	6077	No
289	GOM_NL__2PRFIN20030429_154930_000000412016_00011_06077_6532.N1	29-APR-2003 15:49:30	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	6077	No
290	GOM_NL__2PRFIN20030429_155233_000001722016_00011_06077_6533.N1	29-APR-2003 15:52:33	Bright	171.50	5	3Alp Lyr	0.033000	11000.	343	6077	No
291	GOM_NL__2PRFIN20030429_155639_000000702016_00011_06077_6534.N1	29-APR-2003 15:56:39	Bright	69.500	66	37Gam Cyg	2.2080	5900.0	139	6077	No
292	GOM_NL__2PRFIN20030429_160004_000000742016_00011_06077_6535.N1	29-APR-2003 16:00:04	Twi_and_stray	73.500	92	53Eps Cyg	2.5000	4500.0	147	6077	No
293	GOM_NL__2PRFIN20030429_160500_000000452016_00011_06077_6536.N1	29-APR-2003 16:05:00	Twilight	45.000	90	54Alp Peg	2.4870	11000.	90	6077	No
294	GOM_NL__2PRFIN20030429_160906_000000702016_00011_06077_6537.N1	29-APR-2003 16:09:06	Dark	70.000	61	8Eps Peg	2.1000	3900.0	140	6077	No
295	GOM_NL__2PRFIN20030429_161133_000000532016_00011_06077_6538.N1	29-APR-2003 16:11:33	Dark	53.000	162	34Alp Aqr	2.9440	5350.0	106	6077	No
296	GOM_NL__2PRFIN20030429_161505_000000592016_00011_06077_6539.N1	29-APR-2003 16:15:05	Dark	59.000	154	22Bet Aqr	2.8990	5700.0	118	6077	No
297	GOM_NL__2PRFIN20030429_161744_000000452016_00011_06077_6540.N1	29-APR-2003 16:17:44	Dark	45.000	18	24Alp PsA	1.1660	9700.0	90	6077	No
298	GOM_NL__2PRFIN20030429_162153_000000432016_00011_06077_6541.N1	29-APR-2003 16:21:53	Dark	43.000	172	Gam Gru	3.0030	13100.	86	6077	No
299	GOM_NL__2PRFIN20030429_162328_000000472016_00011_06077_6542.N1	29-APR-2003 16:23:28	Dark	46.500	31	Alp Gru	1.7340	15200.	93	6077	No
300	GOM_NL__2PRFIN20030429_162611_000000452016_00012_06078_6511.N1	29-APR-2003 16:26:11	Dark	45.000	148	Alp Tuc	2.8780	4100.0	90	6078	No
301	GOM_NL__2PRFIN20030429_162855_000000432016_00012_06078_6512.N1	29-APR-2003 16:28:55	Dark	42.500	45	Alp Pav	1.9400	26000.	85	6078	No
302	GOM_NL__2PRFIN20030429_163423_000000752016_00012_06078_6513.N1	29-APR-2003 16:34:23	Dark	74.500	103	38Zet Sgr	2.6000	9700.0	149	6078	No
303	GOM_NL__2PRFIN20030429_163704_000000652016_00012_06078_6514.N1	29-APR-2003 16:37:04	Straylight	64.500	38	20Eps Sgr	1.8360	11000.	129	6078	No
304	GOM_NL__2PRFIN20030429_163956_000000492016_00012_06078_6515.N1	29-APR-2003 16:39:56	Straylight	48.500	4	Alp1Cen	-0.010000	5800.0	97	6078	No
305	GOM_NL__2PRFIN20030429_164319_000000382016_00012_06078_6516.N1	29-APR-2003 16:43:19	Straylight	38.000	78	Alp Lup	2.3040	28000.	76	6078	No
306	GOM_NL__2PRFIN20030429_164453_000000412016_00012_06078_6517.N1	29-APR-2003 16:44:53	Straylight	40.500	81	Eta Cen	2.3560	28000.	81	6078	No
307	GOM_NL__2PRFIN20030429_164702_000000722016_00012_06078_6518.N1	29-APR-2003 16:47:02	Twi_and_stray	72.000	16	21Alp Sco	1.0200	3000.0	144	6078	No
308	GOM_NL__2PRFIN20030429_164922_000000652016_00012_06078_6519.N1	29-APR-2003 16:49:22	Twi_and_stray	65.000	80	7Del Sco	2.3160	30000.	130	6078	No
309	GOM_NL__2PRFIN20030429_165118_000000432016_00012_06078_6520.N1	29-APR-2003 16:51:18	Bright	43.000	169	46Gam Hya	2.9910	4700.0	86	6078	No
310	GOM_NL__2PRFIN20030429_165459_000000512016_00012_06078_6521.N1	29-APR-2003 16:54:59	Bright	50.500	104	27Bet Lib	2.6140	13100.	101	6078	No
311	GOM_NL__2PRFIN20030429_165743_000000372016_00012_06078_6522.N1	29-APR-2003 16:57:43	Bright	36.500	121	29Gam Vir	2.7400	7200.0	73	6078	No
312	GOM_NL__2PRFIN20030429_170104_000000362016_00012_06078_6523.N1	29-APR-2003 17:01:04	Bright	36.000	138	47Eps Vir	2.8280	4700.0	72	6078	No
313	GOM_NL__2PRFIN20030429_170328_000000392016_00012_06078_6524.N1	29-APR-2003 17:03:28	Bright	39.000	111	8Eta Boo	2.6800	6000.0	78	6078	No
314	GOM_NL__2PRFIN20030429_170719_000000482016_00012_06078_6525.N1	29-APR-2003 17:07:19	Bright	48.000	83		2.3780	11000.	96	6078	No
315	GOM_NL__2PRFIN20030429_171018_000000422016_00012_06078_6526.N1	29-APR-2003 17:10:18	Bright	42.000	180	27Gam Boo	3.0400	8000.0	84	6078	No
316	GOM_NL__2PRFIN20030429_171226_000000392016_00012_06078_6527.N1	29-APR-2003 17:12:26	Bright	38.500	39	85Eta UMa	1.8540	24000.	77	6078	No
317	GOM_NL__2PRFIN20030429_171344_000000392016_00012_06078_6528.N1	29-APR-2003 17:13:44	Bright	39.000	55	79Zet UMa	2.0600	10200.	78	6078	No
318	GOM_NL__2PRFIN20030429_171600_000000352016_00012_06078_6529.N1	29-APR-2003 17:16:00	Bright	34.500	36	50Alp UMa	1.8000	6300.0	69	6078	No
319	GOM_NL__2PRFIN20030429_171954_000000362016_00012_06078_6530.N1	29-APR-2003 17:19:54	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	6078	No
320	GOM_NL__2PRFIN20030429_172334_000000522016_00012_06078_6531.N1	29-APR-2003 17:23:34	Bright	52.000	49	1Alp UMi	1.9900	6300.0	104	6078	No
321	GOM_NL__2PRFIN20030429_173005_000000422016_00012_06078_6532.N1	29-APR-2003 17:30:05	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	6078	No
322	GOM_NL__2PRFIN20030429_173307_000001602016_00012_06078_6533.N1	29-APR-2003 17:33:07	Bright	160.00	5	3Alp Lyr	0.033000	11000.	320	6078	No
323	GOM_NL__2PRFIN20030429_173714_000000742016_00012_06078_6534.N1	29-APR-2003 17:37:14	Bright	74.000	66	37Gam Cyg	2.2080	5900.0	148	6078	No
324	GOM_NL__2PRFIN20030429_174040_000000802016_00012_06078_6535.N1	29-APR-2003 17:40:40	Twi_and_stray	79.500	92	53Eps Cyg	2.5000	4500.0	159	6078	No
325	GOM_NL__2PRFIN20030429_174537_000000462016_00012_06078_6536.N1	29-APR-2003 17:45:37	Twilight	46.000	90	54Alp Peg	2.4870	11000.	92	6078	No
326	GOM_NL__2PRFIN20030429_174943_000000672016_00012_06078_6537.N1	29-APR-2003 17:49:43	Dark	66.500	61	8Eps Peg	2.1000	3900.0	133	6078	No
327	GOM_NL__2PRFIN20030429_175209_000000562016_00012_06078_6538.N1	29-APR-2003 17:52:09	Dark	55.500	162	34Alp Aqr	2.9440	5350.0	111	6078	No
328	GOM_NL__2PRFIN20030429_175542_000000622016_00012_06078_6539.N1	29-APR-2003 17:55:42	Dark	62.000	154	22Bet Aqr	2.8990	5700.0	124	6078	No
329	GOM_NL__2PRFIN20030429_175821_000000482016_00012_06078_6540.N1	29-APR-2003 17:58:21	Dark	47.500	18	24Alp PsA	1.1660	9700.0	95	6078	No
330	GOM_NL__2PRFIN20030429_180230_000000422016_00012_06078_6541.N1	29-APR-2003 18:02:30	Dark	42.000	172	Gam Gru	3.0030	13100.	84	6078	No
331	GOM_NL__2PRFIN20030429_180405_000000412016_00012_06078_6542.N1	29-APR-2003 18:04:05	Dark	40.500	31	Alp Gru	1.7340	15200.	81	6078	No
332	GOM_NL__2PRFIN20030429_180647_000000392016_00013_06079_6511.N1	29-APR-2003 18:06:47	Dark	39.000	148	Alp Tuc	2.8780	4100.0	78	6079	No
333	GOM_NL__2PRFIN20030429_195008_000000412016_00014_06080_5959.N1	29-APR-2003 19:50:08	Dark	41.000	45	Alp Pav	1.9400	26000.	82	6080	No
334	GOM_NL__2PRFIN20030429_195538_000000762016_00014_06080_5960.N1	29-APR-2003 19:55:38	Dark	75.500	103	38Zet Sgr	2.6000	9700.0	151	6080	No
335	GOM_NL__2PRFIN20030429_195819_000000682016_00014_06080_5961.N1	29-APR-2003 19:58:19	Straylight	68.000	38	20Eps Sgr	1.8360	11000.	136	6080	No
336	GOM_NL__2PRFIN20030429_200108_000000512016_00014_06080_5962.N1	29-APR-2003 20:01:08	Straylight	51.000	4	Alp1Cen	-0.010000	5800.0	102	6080	No
337	GOM_NL__2PRFIN20030429_200432_000000412016_00014_06080_5963.N1	29-APR-2003 20:04:32	Straylight	40.500	78	Alp Lup	2.3040	28000.	81	6080	No

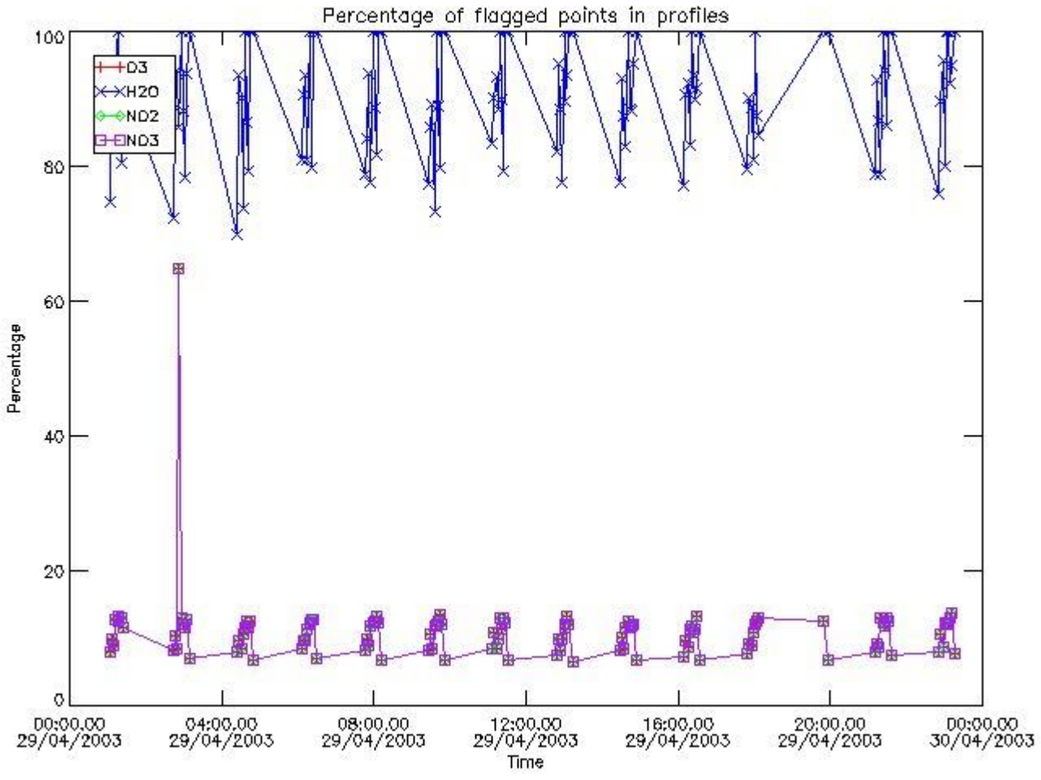
338	GOM_NL__2PRFIN20030429_200605_000000412016_00014_06080_5964.N1	29-APR-2003 20:06:05	Straylight	40.500	81	Eta Cen	2.3560	28000.	81	6080	No
339	GOM_NL__2PRFIN20030429_200815_000000832016_00014_06080_5965.N1	29-APR-2003 20:08:15	Twi_and_stray	83.000	16	21Alp Sco	1.0200	3000.0	166	6080	No
340	GOM_NL__2PRFIN20030429_201035_000000622016_00014_06080_5966.N1	29-APR-2003 20:10:35	Twi_and_stray	62.000	80	7Del Sco	2.3160	30000.	124	6080	No
341	GOM_NL__2PRFIN20030429_201350_000000452016_00014_06080_5967.N1	29-APR-2003 20:13:50	Bright	44.500	122	9Alp2Lib	2.7470	9700.0	89	6080	No
342	GOM_NL__2PRFIN20030429_201611_000000512016_00014_06080_5968.N1	29-APR-2003 20:16:11	Bright	50.500	104	27Bet Lib	2.6140	13100.	101	6080	No
343	GOM_NL__2PRFIN20030429_201855_000000372016_00014_06080_5969.N1	29-APR-2003 20:18:55	Bright	36.500	121	29Gam Vir	2.7400	7200.0	73	6080	No
344	GOM_NL__2PRFIN20030429_202216_000000362016_00014_06080_5970.N1	29-APR-2003 20:22:16	Bright	36.000	138	47Eps Vir	2.8280	4700.0	72	6080	No
345	GOM_NL__2PRFIN20030429_202439_000000392016_00014_06080_5971.N1	29-APR-2003 20:24:39	Bright	39.000	111	8Eta Boo	2.6800	6000.0	78	6080	No
346	GOM_NL__2PRFIN20030429_202829_000000462016_00014_06080_5972.N1	29-APR-2003 20:28:29	Bright	45.500	83		2.3780	11000.	91	6080	No
347	GOM_NL__2PRFIN20030429_203129_000000432016_00014_06080_5973.N1	29-APR-2003 20:31:29	Bright	43.000	180	27Gam Boo	3.0400	8000.0	86	6080	No
348	GOM_NL__2PRFIN20030429_203338_000000392016_00014_06080_5974.N1	29-APR-2003 20:33:38	Bright	39.000	39	85Eta UMa	1.8540	24000.	78	6080	No
349	GOM_NL__2PRFIN20030429_203455_000000372016_00014_06080_5975.N1	29-APR-2003 20:34:55	Bright	36.500	55	79Zet UMa	2.0600	10200.	73	6080	No
350	GOM_NL__2PRFIN20030429_203712_000000372016_00014_06080_5976.N1	29-APR-2003 20:37:12	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	6080	No
351	GOM_NL__2PRFIN20030429_204105_000000392016_00014_06080_5977.N1	29-APR-2003 20:41:05	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	6080	No
352	GOM_NL__2PRFIN20030429_204446_000000362016_00014_06080_5978.N1	29-APR-2003 20:44:46	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	6080	No
353	GOM_NL__2PRFIN20030429_205117_000000432016_00014_06080_5979.N1	29-APR-2003 20:51:17	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	6080	No
354	GOM_NL__2PRFIN20030429_205416_000001672016_00014_06080_5980.N1	29-APR-2003 20:54:16	Bright	166.50	5	3Alp Lyr	0.033000	11000.	333	6080	No
355	GOM_NL__2PRFIN20030429_205825_000000782016_00014_06080_5981.N1	29-APR-2003 20:58:25	Bright	77.500	66	37Gam Cyg	2.2080	5900.0	155	6080	No
356	GOM_NL__2PRFIN20030429_210152_000000832016_00014_06080_5982.N1	29-APR-2003 21:01:52	Twi_and_stray	82.500	92	53Eps Cyg	2.5000	4500.0	165	6080	No
357	GOM_NL__2PRFIN20030429_210649_000000452016_00014_06080_5983.N1	29-APR-2003 21:06:49	Twilight	45.000	90	54Alp Peg	2.4870	11000.	90	6080	No
358	GOM_NL__2PRFIN20030429_211056_000000642016_00014_06080_5984.N1	29-APR-2003 21:10:56	Dark	64.000	61	8Eps Peg	2.1000	3900.0	128	6080	No
359	GOM_NL__2PRFIN20030429_211323_000000562016_00014_06080_5985.N1	29-APR-2003 21:13:23	Dark	56.000	162	34Alp Aqr	2.9440	5350.0	112	6080	No
360	GOM_NL__2PRFIN20030429_211657_000000642016_00014_06080_5986.N1	29-APR-2003 21:16:57	Dark	64.000	154	22Bet Aqr	2.8990	5700.0	128	6080	No
361	GOM_NL__2PRFIN20030429_211933_000000432016_00014_06080_5987.N1	29-APR-2003 21:19:33	Dark	43.000	18	24Alp PsA	1.1660	9700.0	86	6080	No
362	GOM_NL__2PRFIN20030429_212343_000000422016_00014_06080_5988.N1	29-APR-2003 21:23:43	Dark	41.500	172	Gam Gru	3.0030	13100.	83	6080	No
363	GOM_NL__2PRFIN20030429_212518_000000442016_00014_06080_5989.N1	29-APR-2003 21:25:18	Dark	43.500	31	Alp Gru	1.7340	15200.	87	6080	No
364	GOM_NL__2PRFIN20030429_212759_000000402016_00015_06081_6513.N1	29-APR-2003 21:27:59	Dark	39.500	148	Alp Tuc	2.8780	4100.0	79	6081	No
365	GOM_NL__2PRFIN20030429_213044_000000412016_00015_06081_6514.N1	29-APR-2003 21:30:44	Dark	41.000	45	Alp Pav	1.9400	26000.	82	6081	No
366	GOM_NL__2PRFIN20030429_213616_000000742016_00015_06081_6515.N1	29-APR-2003 21:36:16	Dark	74.000	103	38Zet Sgr	2.6000	9700.0	148	6081	No
367	GOM_NL__2PRFIN20030429_213856_000000732016_00015_06081_6516.N1	29-APR-2003 21:38:56	Straylight	72.500	38	20Eps Sgr	1.8360	11000.	145	6081	No
368	GOM_NL__2PRFIN20030429_214144_000000502016_00015_06081_6517.N1	29-APR-2003 21:41:44	Straylight	49.500	4	Alp1Cen	-0.010000	5800.0	99	6081	No
369	GOM_NL__2PRFIN20030429_214508_000000392016_00015_06081_6518.N1	29-APR-2003 21:45:08	Straylight	38.500	78	Alp Lup	2.3040	28000.	77	6081	No
370	GOM_NL__2PRFIN20030429_214641_000000412016_00015_06081_6519.N1	29-APR-2003 21:46:41	Straylight	41.000	81	Eta Cen	2.3560	28000.	82	6081	No
371	GOM_NL__2PRFIN20030429_214851_000000752016_00015_06081_6520.N1	29-APR-2003 21:48:51	Twi_and_stray	74.500	16	21Alp Sco	1.0200	3000.0	149	6081	No
372	GOM_NL__2PRFIN20030429_215111_000000662016_00015_06081_6521.N1	29-APR-2003 21:51:11	Twi_and_stray	65.500	80	7Del Sco	2.3160	30000.	131	6081	No
373	GOM_NL__2PRFIN20030429_215426_000000452016_00015_06081_6522.N1	29-APR-2003 21:54:26	Bright	44.500	122	9Alp2Lib	2.7470	9700.0	89	6081	No
374	GOM_NL__2PRFIN20030429_215647_000000502016_00015_06081_6523.N1	29-APR-2003 21:56:47	Bright	50.000	104	27Bet Lib	2.6140	13100.	100	6081	No
375	GOM_NL__2PRFIN20030429_215931_000000372016_00015_06081_6524.N1	29-APR-2003 21:59:31	Bright	37.000	121	29Gam Vir	2.7400	7200.0	74	6081	No
376	GOM_NL__2PRFIN20030429_220252_000000362016_00015_06081_6525.N1	29-APR-2003 22:02:52	Bright	36.000	138	47Eps Vir	2.8280	4700.0	72	6081	No
377	GOM_NL__2PRFIN20030429_220515_000000392016_00015_06081_6526.N1	29-APR-2003 22:05:15	Bright	39.000	111	8Eta Boo	2.6800	6000.0	78	6081	No
378	GOM_NL__2PRFIN20030429_220905_000000452016_00015_06081_6527.N1	29-APR-2003 22:09:05	Bright	45.000	83		2.3780	11000.	90	6081	No
379	GOM_NL__2PRFIN20030429_221204_000000422016_00015_06081_6528.N1	29-APR-2003 22:12:04	Bright	41.500	180	27Gam Boo	3.0400	8000.0	83	6081	No
380	GOM_NL__2PRFIN20030429_221413_000000382016_00015_06081_6529.N1	29-APR-2003 22:14:13	Bright	38.000	39	85Eta UMa	1.8540	24000.	76	6081	No
381	GOM_NL__2PRFIN20030429_221531_000000382016_00015_06081_6530.N1	29-APR-2003 22:15:31	Bright	37.500	55	79Zet UMa	2.0600	10200.	75	6081	No
382	GOM_NL__2PRFIN20030429_221748_000000382016_00015_06081_6531.N1	29-APR-2003 22:17:48	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	6081	No
383	GOM_NL__2PRFIN20030429_222141_000000392016_00015_06081_6532.N1	29-APR-2003 22:21:41	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	6081	No
384	GOM_NL__2PRFIN20030429_222522_000000362016_00015_06081_6533.N1	29-APR-2003 22:25:22	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	6081	No
385	GOM_NL__2PRFIN20030429_223152_000000432016_00015_06081_6534.N1	29-APR-2003 22:31:52	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	6081	No
386	GOM_NL__2PRFIN20030429_223450_000001612016_00015_06081_6535.N1	29-APR-2003 22:34:50	Bright	160.50	5	3Alp Lyr	0.033000	11000.	321	6081	No
387	GOM_NL__2PRFIN20030429_223900_000000732016_00015_06081_6536.N1	29-APR-2003 22:39:00	Bright	73.000	66	37Gam Cyg	2.2080	5900.0	146	6081	No
388	GOM_NL__2PRFIN20030429_224228_000000762016_00015_06081_6537.N1	29-APR-2003 22:42:28	Twi_and_stray	75.500	92	53Eps Cyg	2.5000	4500.0	151	6081	No
389	GOM_NL__2PRFIN20030429_224725_000000462016_00015_06081_6538.N1	29-APR-2003 22:47:25	Twilight	46.000	90	54Alp Peg	2.4870	11000.	92	6081	No
390	GOM_NL__2PRFIN20030429_225132_000000652016_00015_06081_6539.N1	29-APR-2003 22:51:32	Dark	64.500	61	8Eps Peg	2.1000	3900.0	129	6081	No
391	GOM_NL__2PRFIN20030429_225359_000000532016_00015_06081_6540.N1	29-APR-2003 22:53:59	Dark	53.000	162	34Alp Aqr	2.9440	5350.0	106	6081	No
392	GOM_NL__2PRFIN20030429_225733_000000592016_00015_06081_6541.N1	29-APR-2003 22:57:33	Dark	59.000	154	22Bet Aqr	2.8990	5700.0	118	6081	No
393	GOM_NL__2PRFIN20030429_230010_000000462016_00015_06081_6542.N1	29-APR-2003 23:00:10	Dark	45.500	18	24Alp PsA	1.1660	9700.0	91	6081	No
394	GOM_NL__2PRFIN20030429_230419_000000422016_00015_06081_6543.N1	29-APR-2003 23:04:19	Dark	42.000	172	Gam Gru	3.0030	13100.	84	6081	No
395	GOM_NL__2PRFIN20030429_230554_000000422016_00015_06081_6544.N1	29-APR-2003 23:05:54	Dark	42.000	31	Alp Gru	1.7340	15200.	84	6081	No
396	GOM_NL__2PRFIN20030429_230835_000000392016_00016_06082_6513.N1	29-APR-2003 23:08:35	Dark	39.000	148	Alp Tuc	2.8780	4100.0	78	6082	No

397	GOM_NL__2PRFIN20030429_231121_000000412016_00016_06082_6514.N1	29-APR-2003 23:11:21	Dark	40.500	45	Alp Pav	1.9400	26000.	81	6082	No
398	GOM_NL__2PRFIN20030429_231653_000000742016_00016_06082_6515.N1	29-APR-2003 23:16:53	Dark	73.500	103	38Zet Sgr	2.6000	9700.0	147	6082	No
399	GOM_NL__2PRFIN20030429_231933_000000732016_00016_06082_6516.N1	29-APR-2003 23:19:33	Straylight	73.000	38	20Eps Sgr	1.8360	11000.	146	6082	No
400	GOM_NL__2PRFIN20030429_232220_000000512016_00016_06082_6517.N1	29-APR-2003 23:22:20	Straylight	50.500	4	Alp1Cen	-0.010000	5800.0	101	6082	No
401	GOM_NL__2PRFIN20030429_232544_000000402016_00016_06082_6518.N1	29-APR-2003 23:25:44	Straylight	39.500	78	Alp Lup	2.3040	28000.	79	6082	No
402	GOM_NL__2PRFIN20030429_232717_000000402016_00016_06082_6519.N1	29-APR-2003 23:27:17	Straylight	40.000	81	Eta Cen	2.3560	28000.	80	6082	No
403	GOM_NL__2PRFIN20030429_232927_000000752016_00016_06082_6520.N1	29-APR-2003 23:29:27	Twi_and_stray	75.000	16	21Alp Sco	1.0200	3000.0	150	6082	No
404	GOM_NL__2PRFIN20030429_233147_000000692016_00016_06082_6521.N1	29-APR-2003 23:31:47	Twi_and_stray	68.500	80	7Del Sco	2.3160	30000.	137	6082	No
405	GOM_NL__2PRFIN20030429_233501_000000452016_00016_06082_6522.N1	29-APR-2003 23:35:01	Bright	45.000	122	9Alp2Lib	2.7470	9700.0	90	6082	No
406	GOM_NL__2PRFIN20030429_233722_000000502016_00016_06082_6523.N1	29-APR-2003 23:37:22	Bright	50.000	104	27Bet Lib	2.6140	13100.	100	6082	No
407	GOM_NL__2PRFIN20030429_234006_000000382016_00016_06082_6524.N1	29-APR-2003 23:40:06	Bright	37.500	121	29Gam Vir	2.7400	7200.0	75	6082	No
408	GOM_NL__2PRFIN20030429_234328_000000362016_00016_06082_6525.N1	29-APR-2003 23:43:28	Bright	36.000	138	47Eps Vir	2.8280	4700.0	72	6082	No
409	GOM_NL__2PRFIN20030429_234550_000000392016_00016_06082_6526.N1	29-APR-2003 23:45:50	Bright	39.000	111	8Eta Boo	2.6800	6000.0	78	6082	No
410	GOM_NL__2PRFIN20030429_234940_000000472016_00016_06082_6527.N1	29-APR-2003 23:49:40	Bright	47.000	83		2.3780	11000.	94	6082	No
411	GOM_NL__2PRFIN20030429_235239_000000412016_00016_06082_6528.N1	29-APR-2003 23:52:39	Bright	41.000	180	27Gam Boo	3.0400	8000.0	82	6082	No
412	GOM_NL__2PRFIN20030429_235449_000000372016_00016_06082_6529.N1	29-APR-2003 23:54:49	Bright	36.500	39	85Eta UMa	1.8540	24000.	73	6082	No
413	GOM_NL__2PRFIN20030429_235606_000000382016_00016_06082_6530.N1	29-APR-2003 23:56:06	Bright	37.500	55	79Zet UMa	2.0600	10200.	75	6082	No
414	GOM_NL__2PRFIN20030429_235824_000000412016_00016_06082_6531.N1	29-APR-2003 23:58:24	Bright	40.500	36	50Alp UMa	1.8000	6300.0	81	6082	No

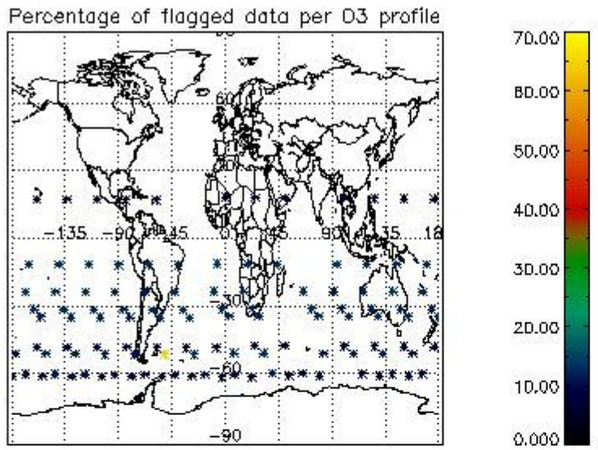
3. Quality information per product

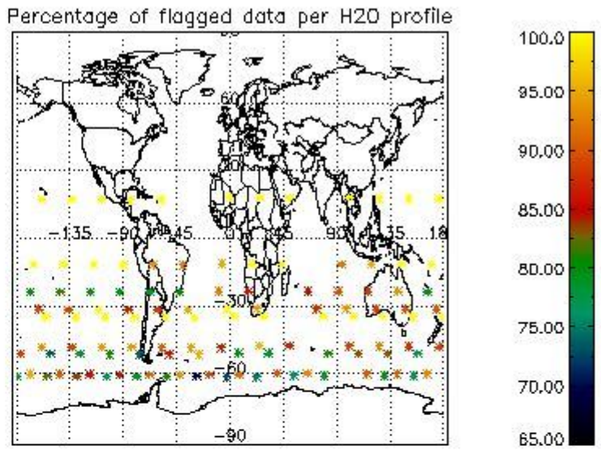
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

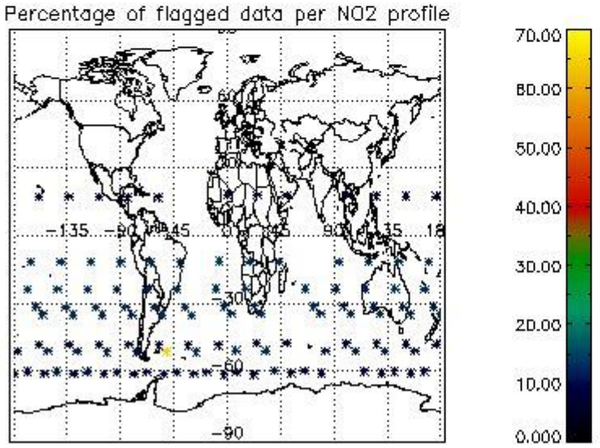
3.1 Plot quality information per product (time dependant)

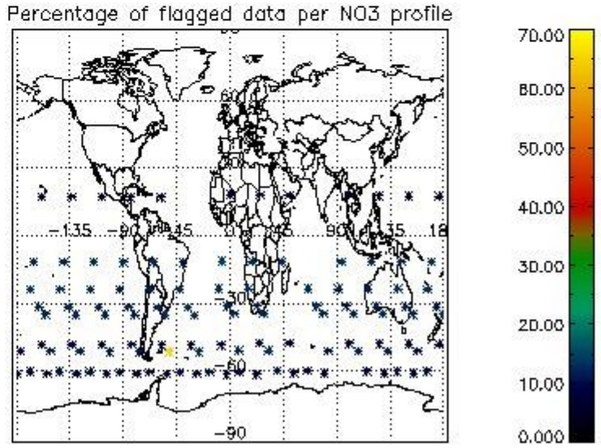


3.2 Plot quality information per product (world map)







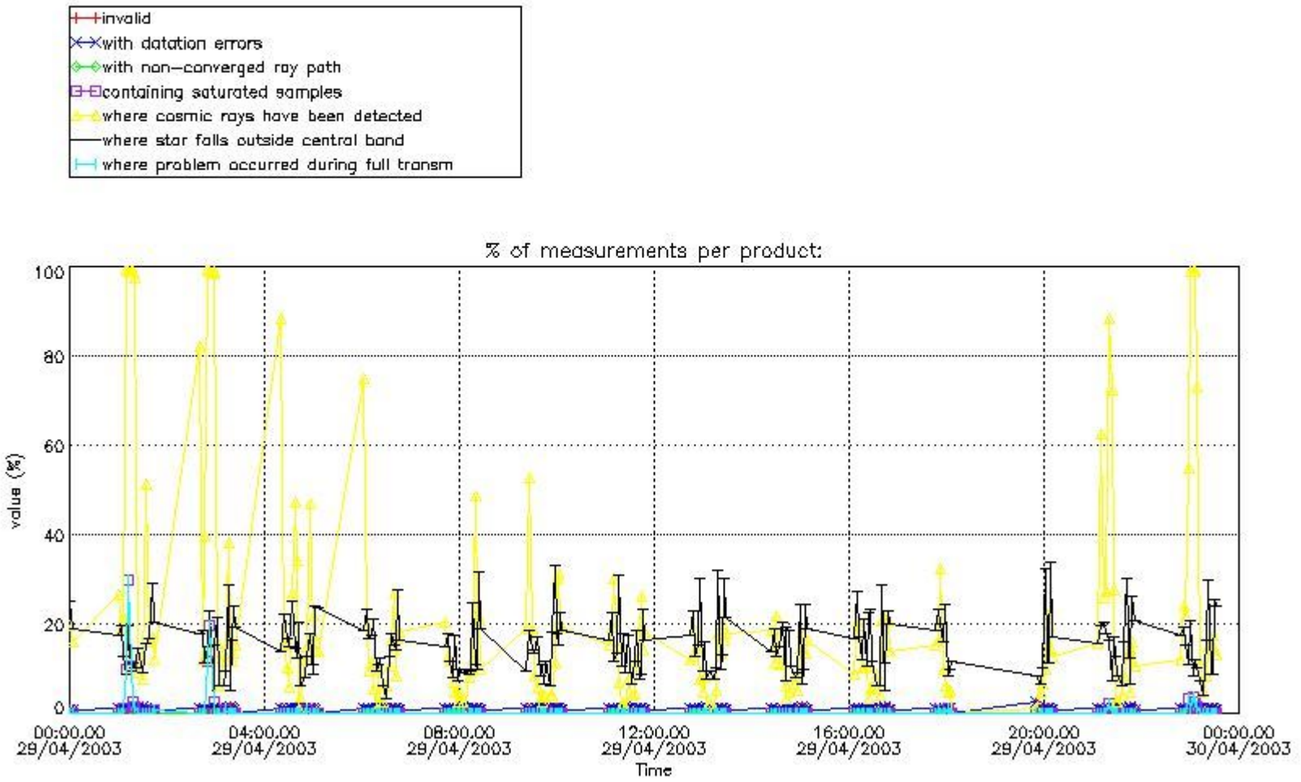


4. Level 1 quality information per product

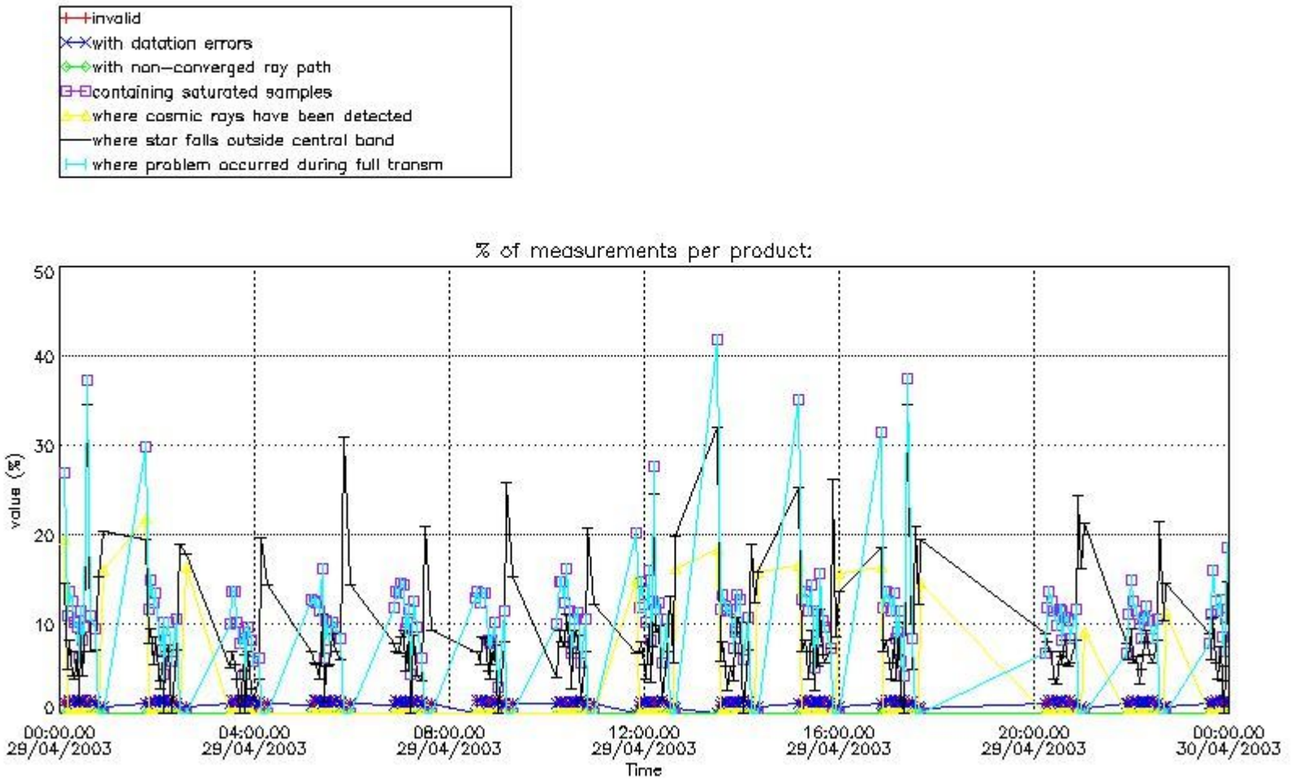
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processsing. Products without errors (error flag in the MPH set to "0") are used.

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

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

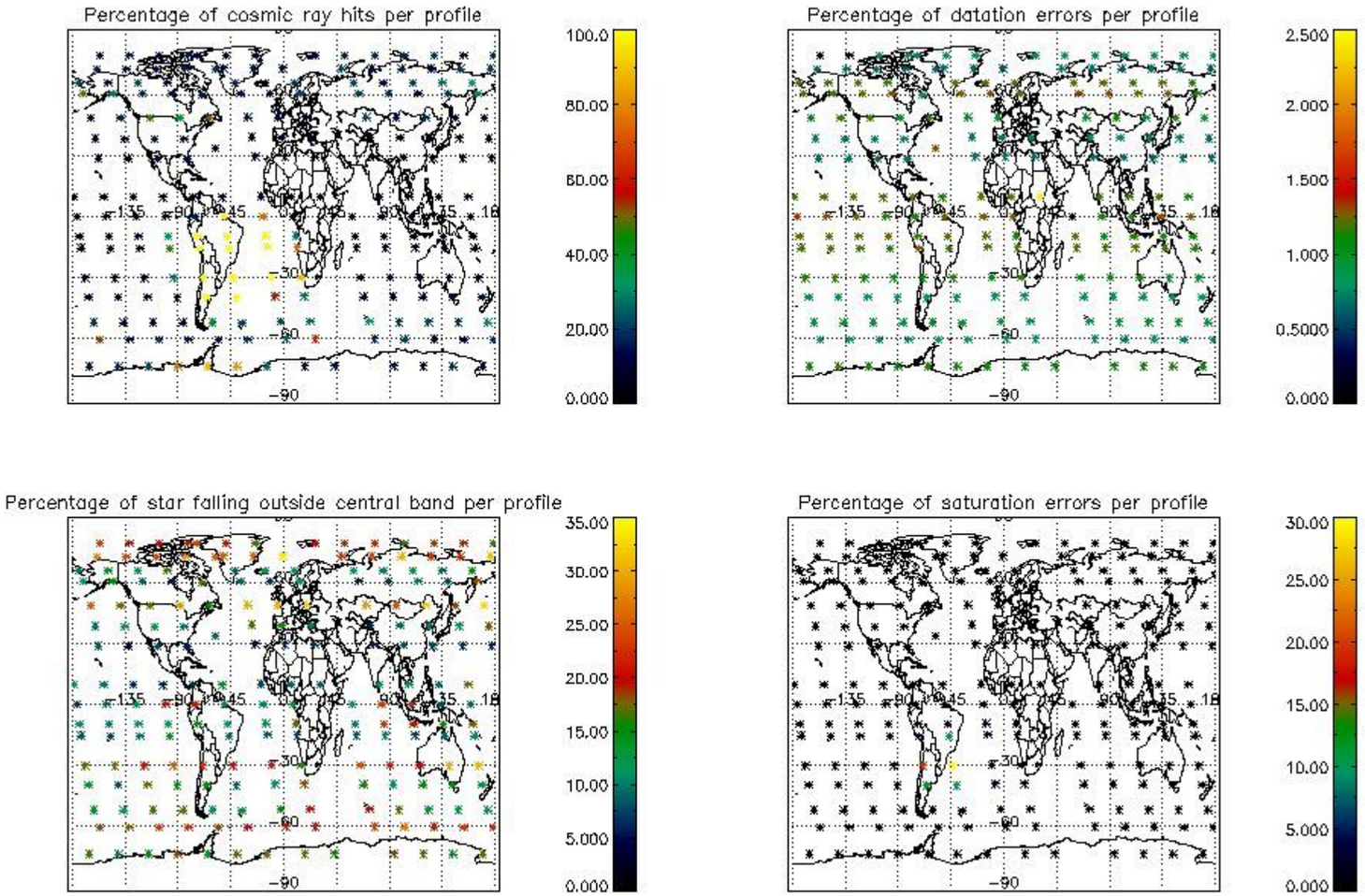


4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes

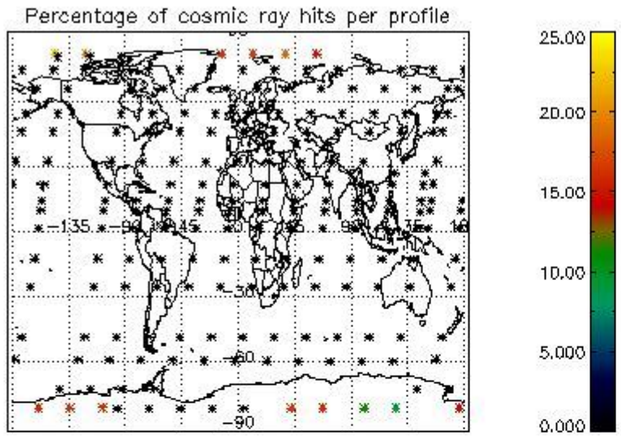


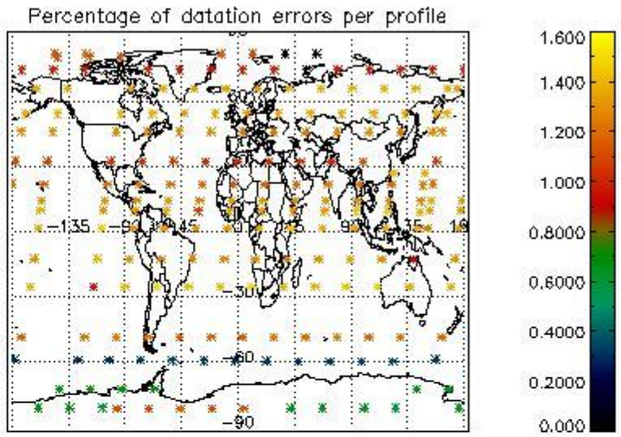
4.2 Plot quality information per product comming from level 1b processing (world map)

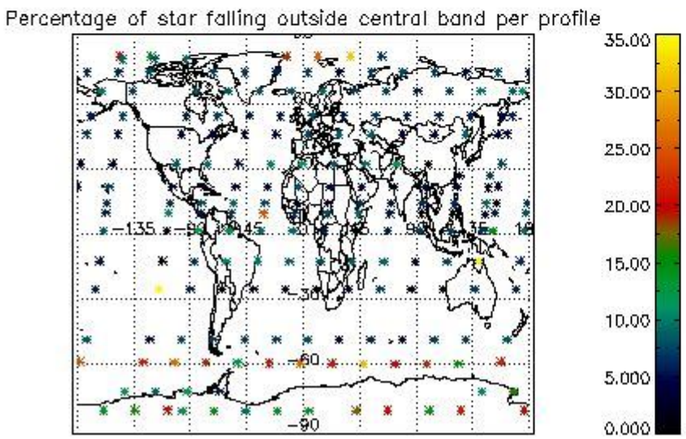
4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes

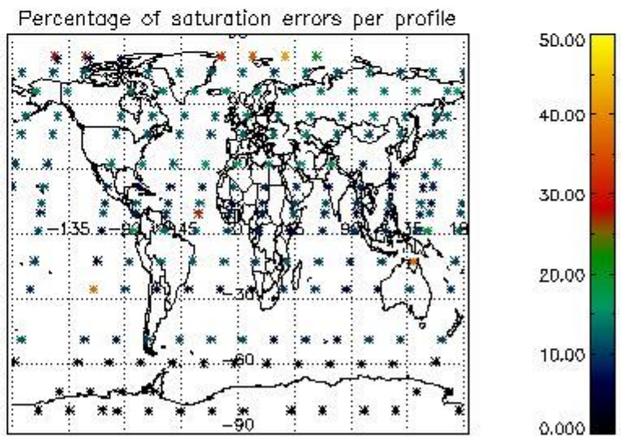


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes









5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

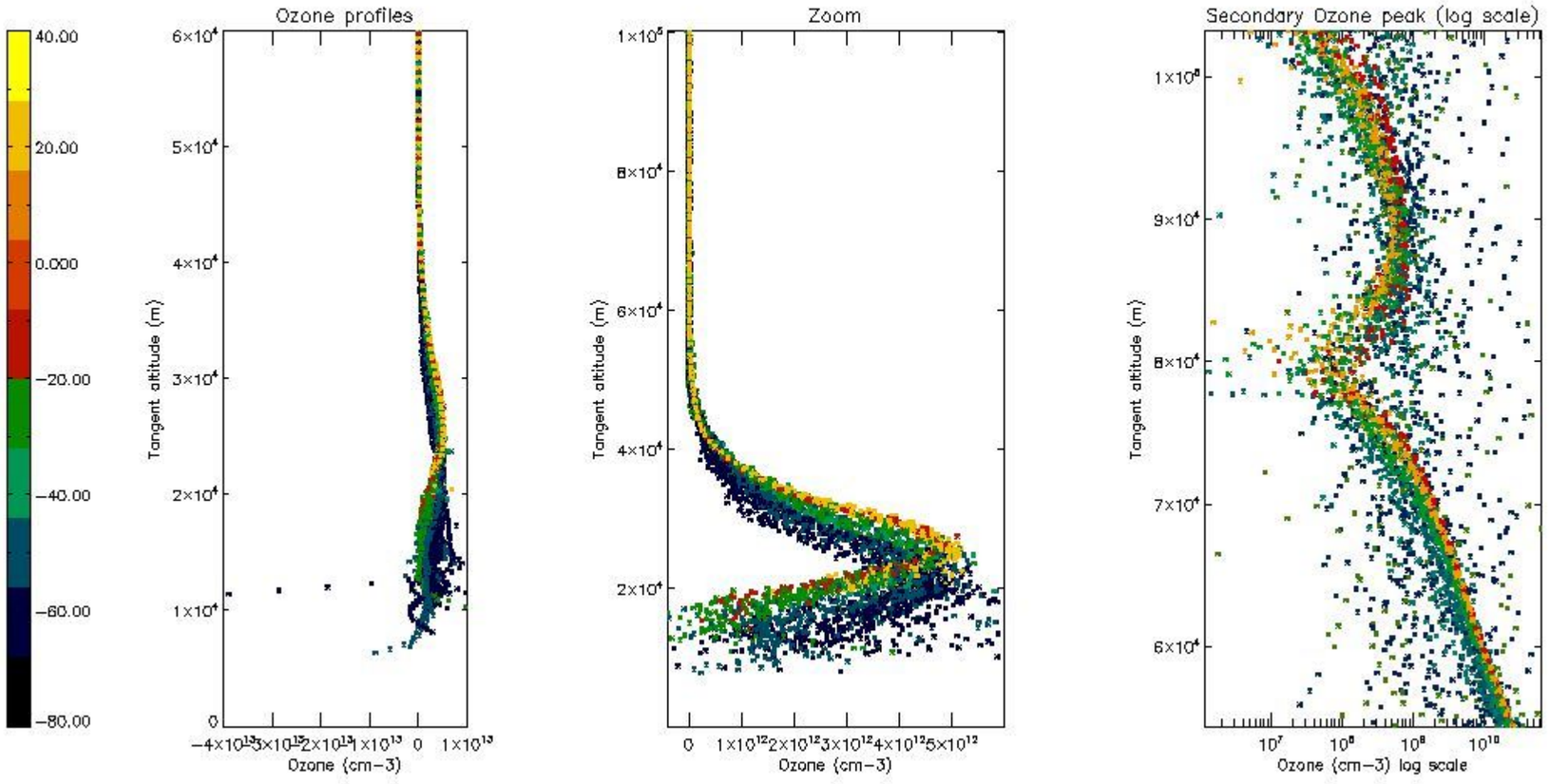
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	28
STD < 20	14

STD < 10	12
STD < 5	8

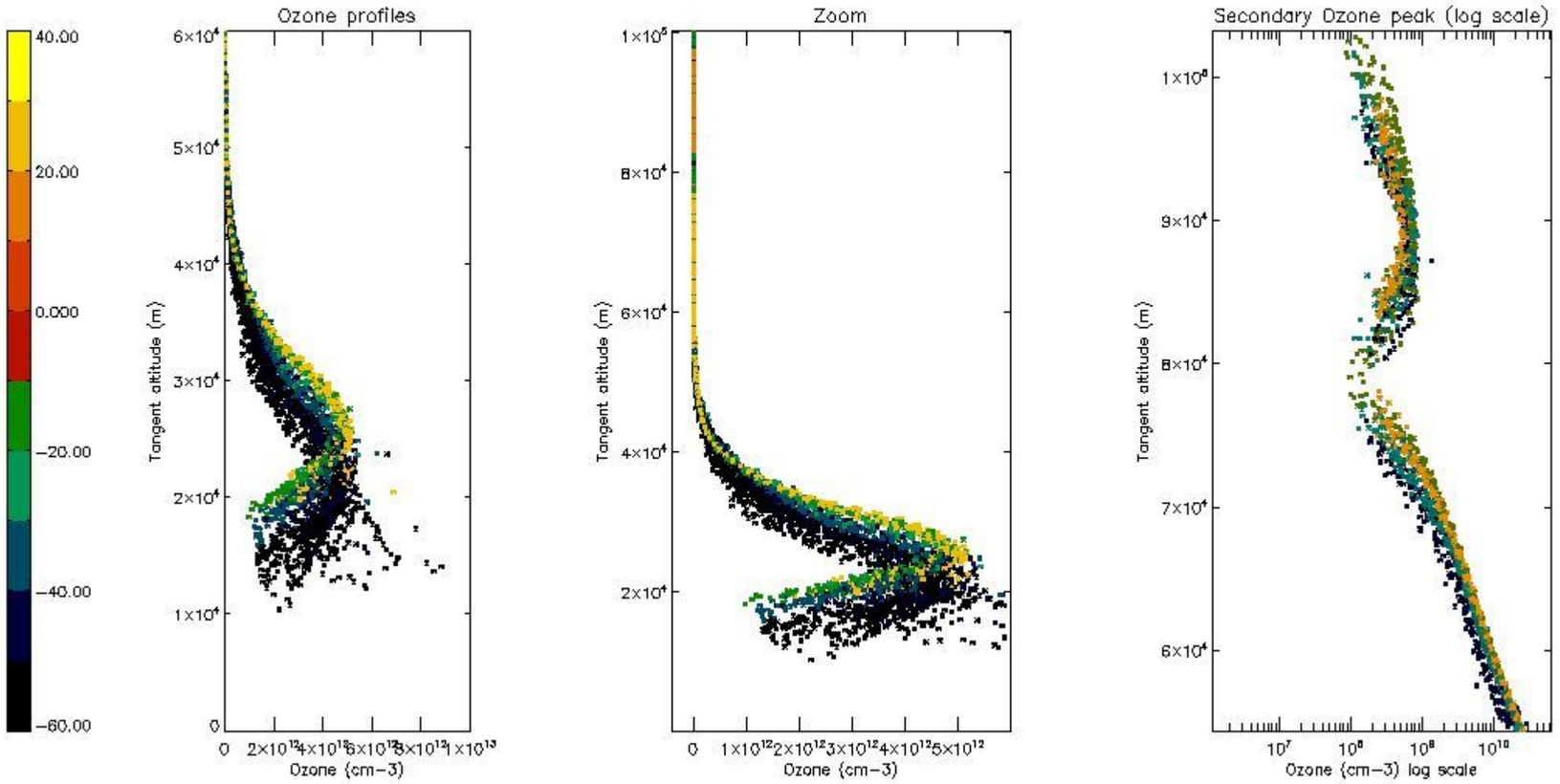
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



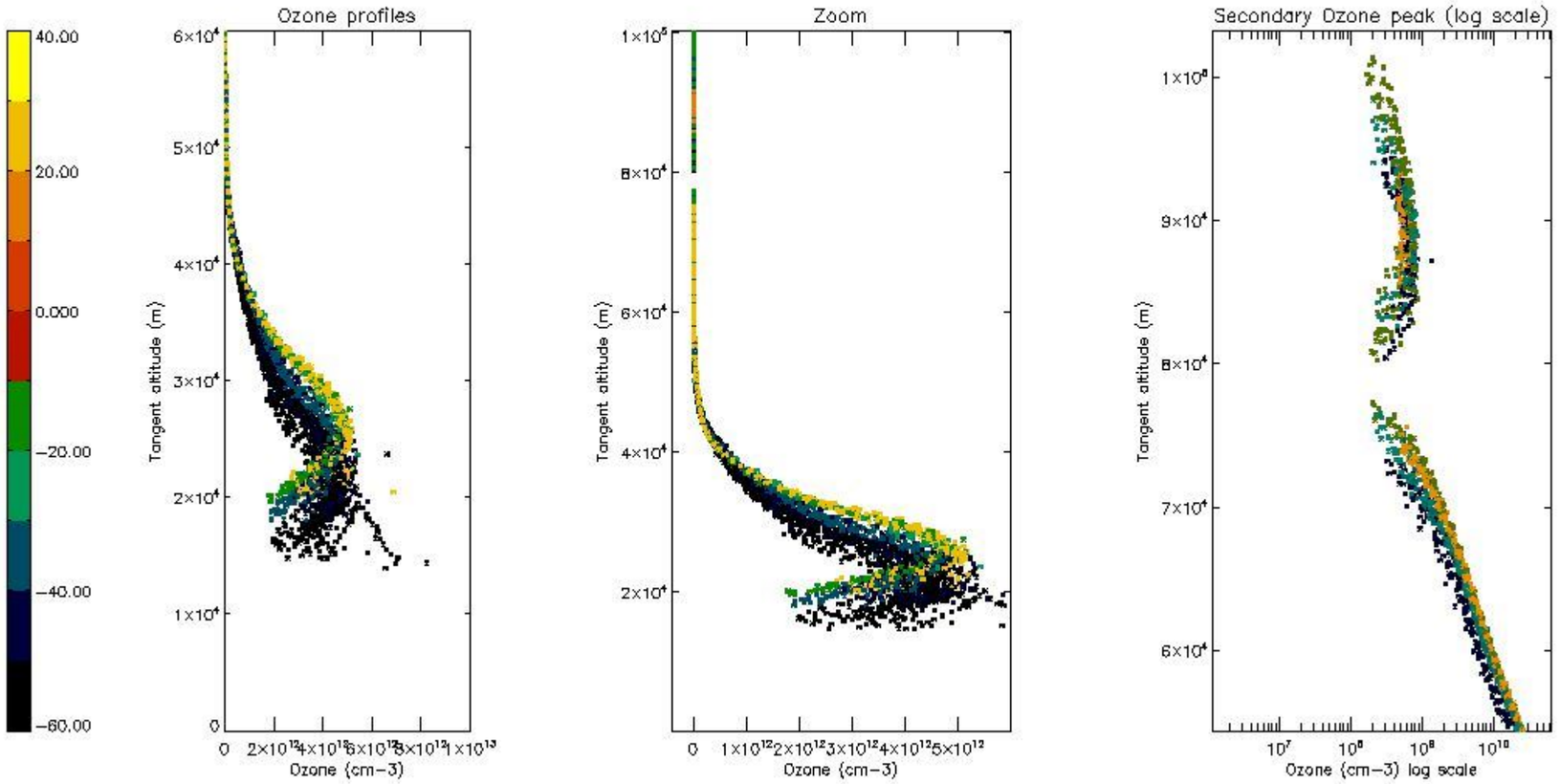
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



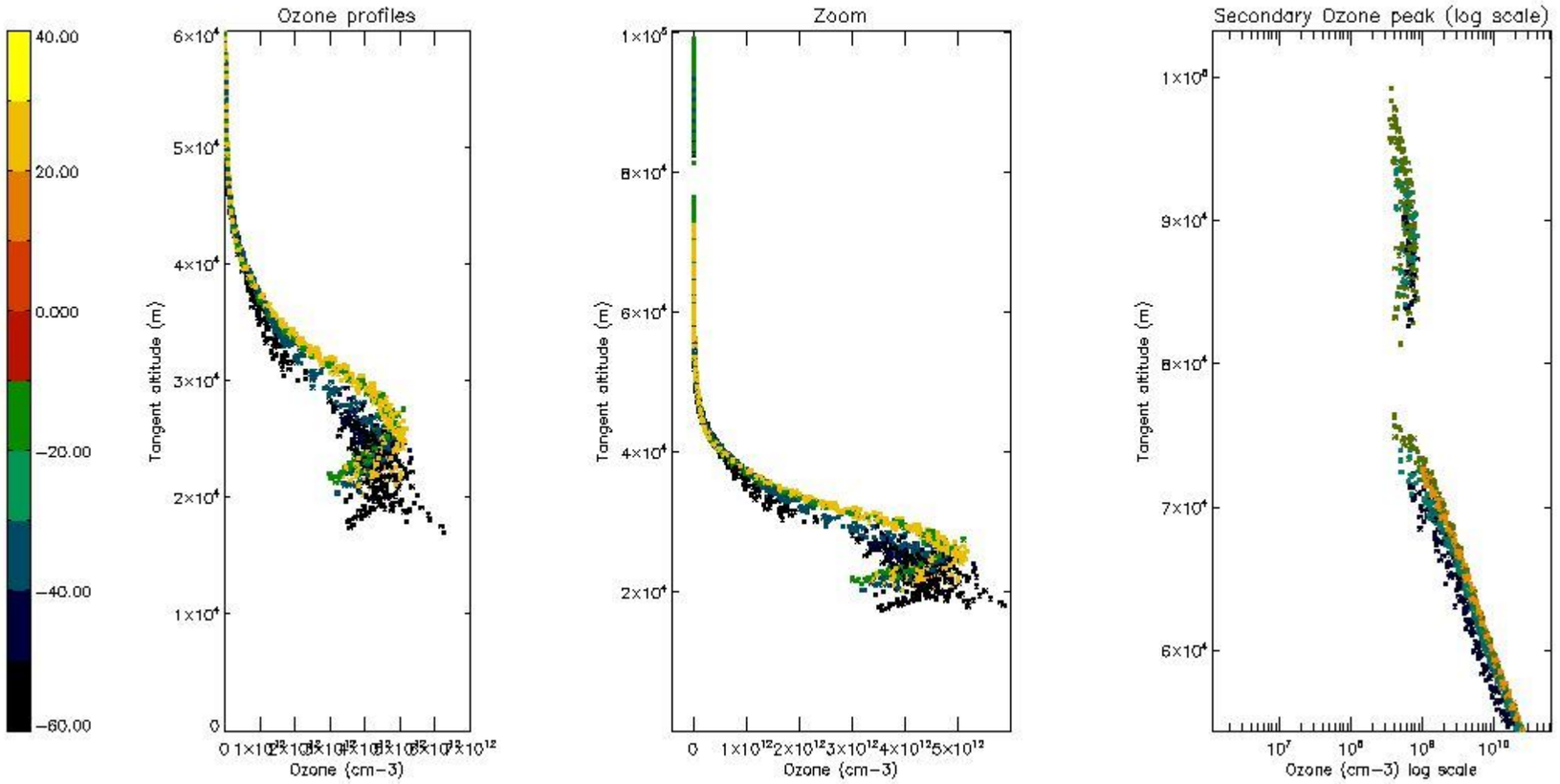
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



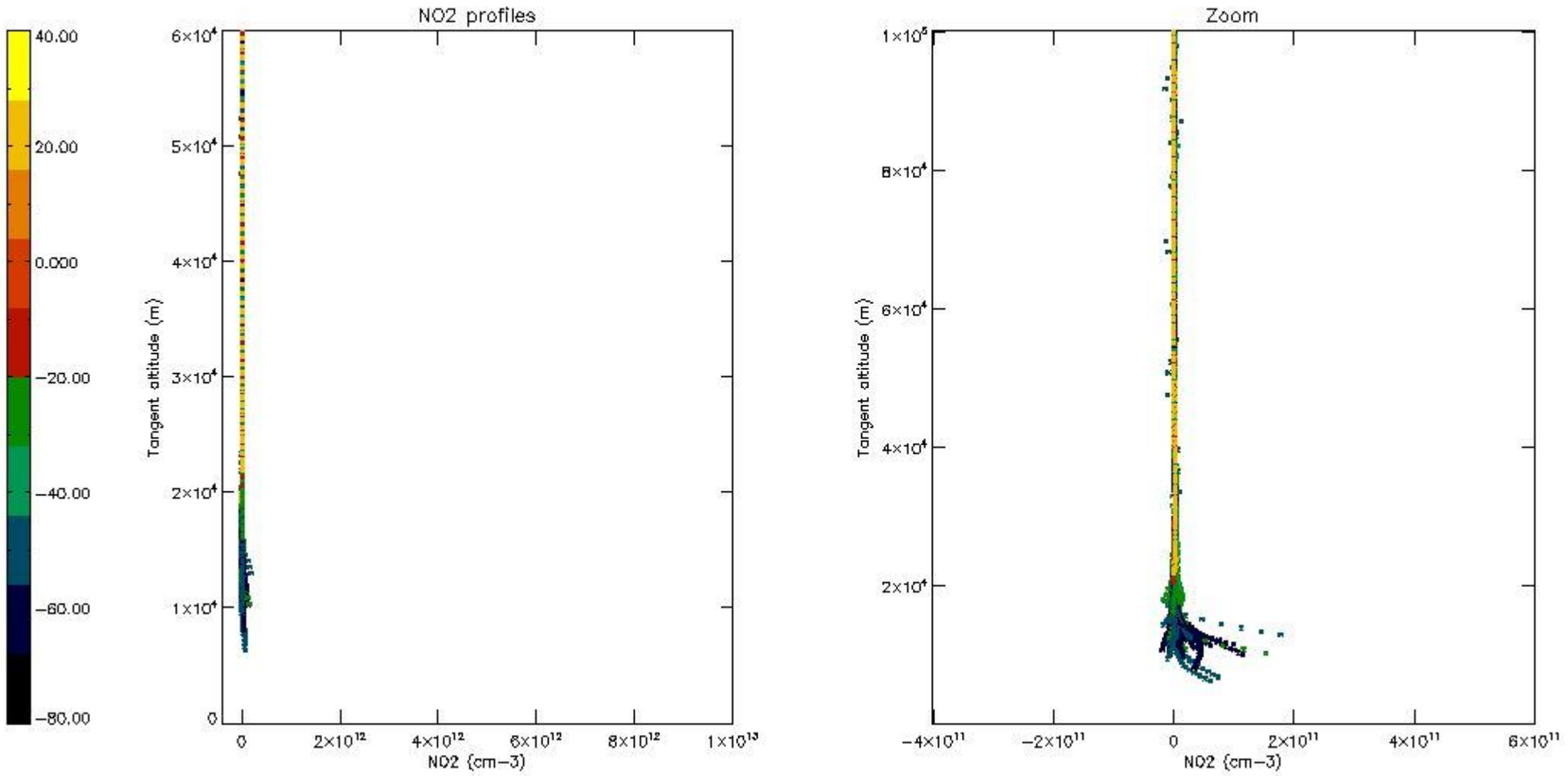
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



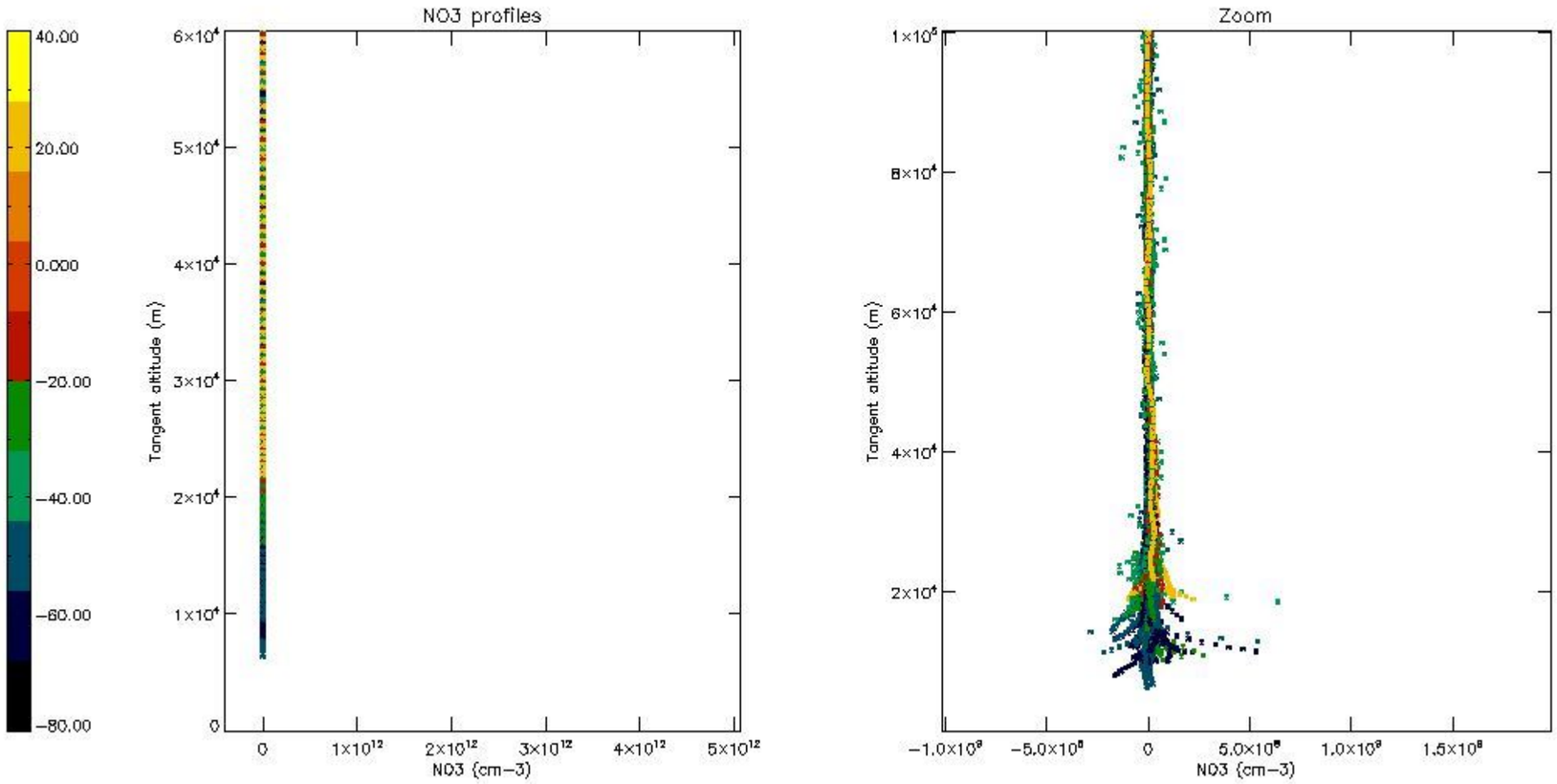
5.6 Plot NO2 profiles for all STD (dark without errors)

The colorbar represents the latitude.



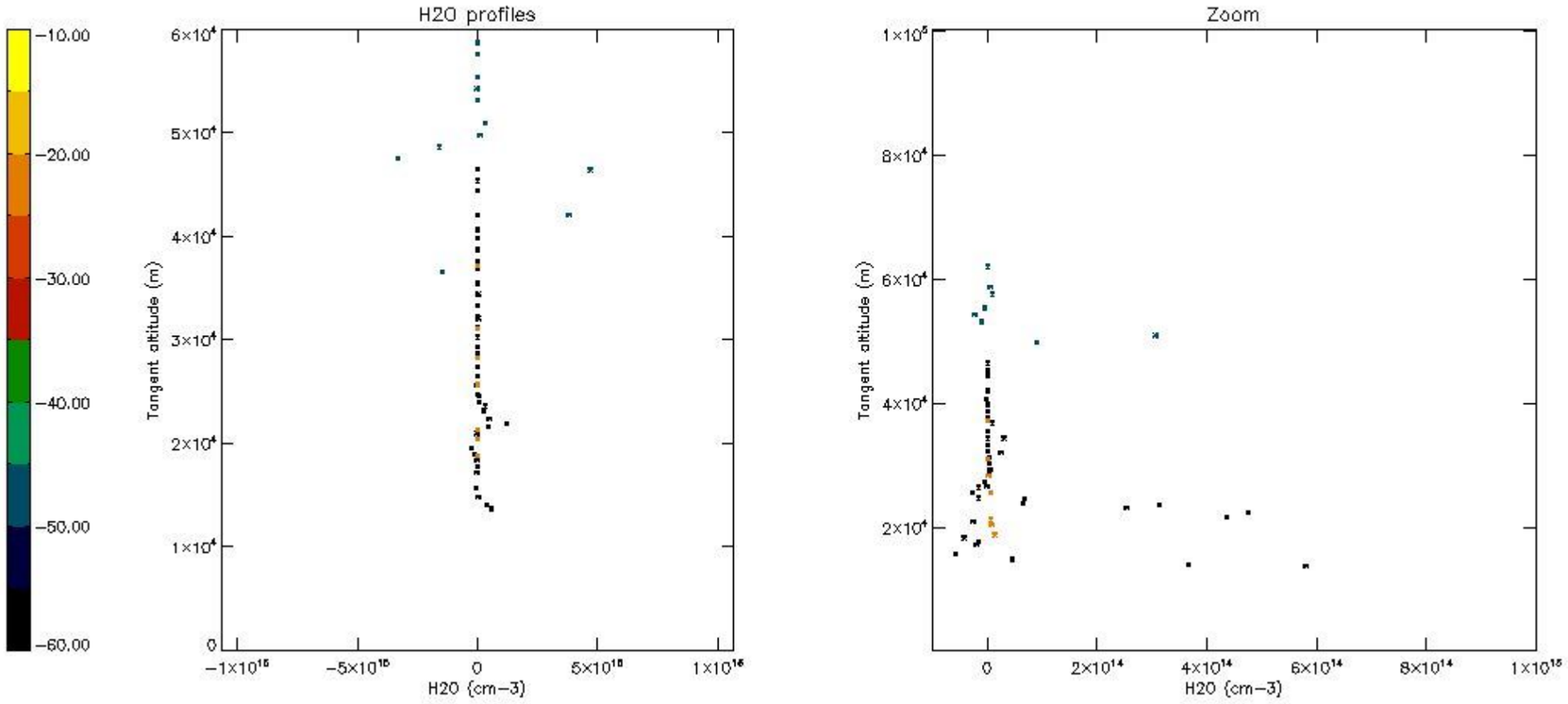
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

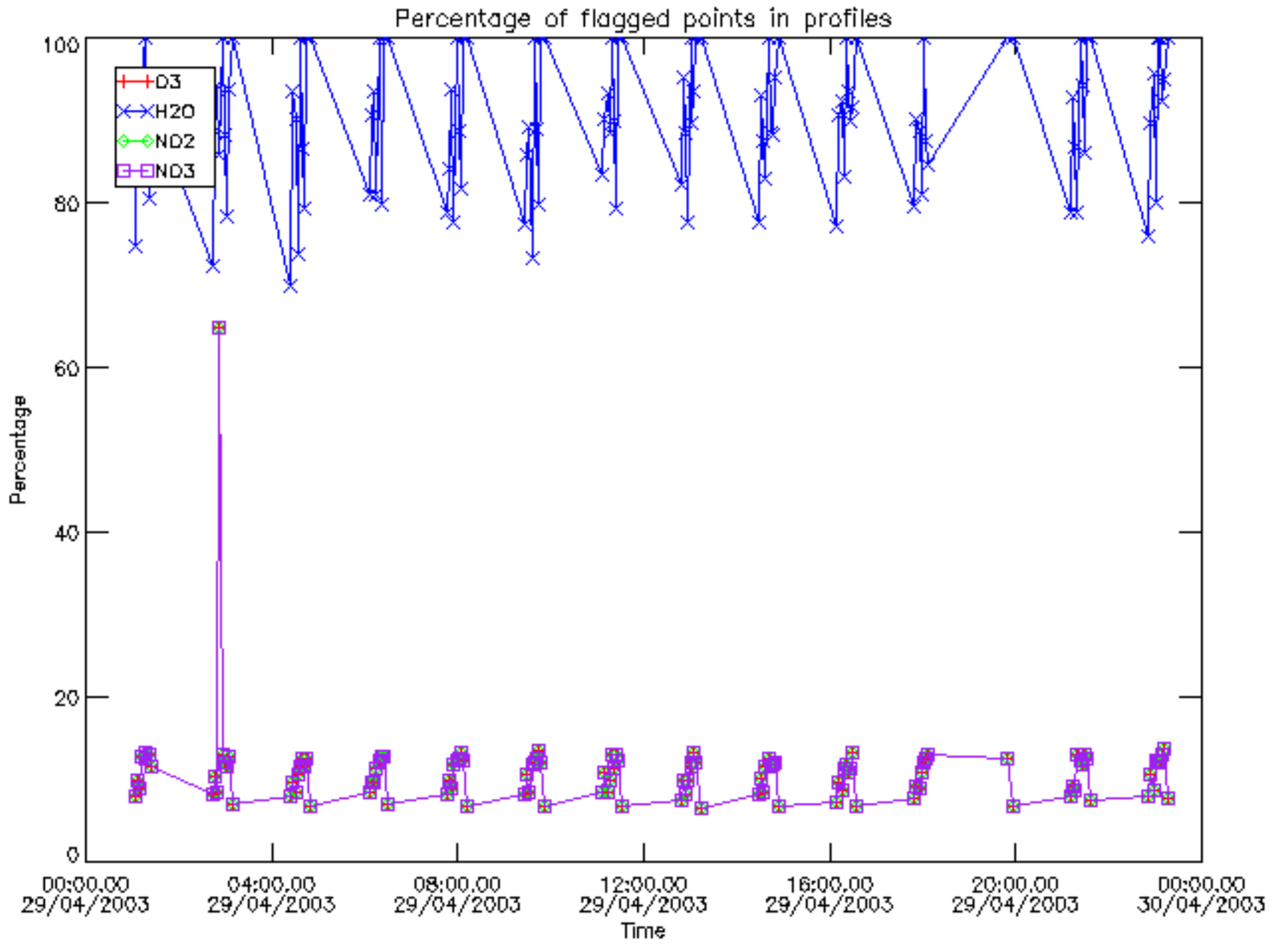
The colorbar represents the latitude.



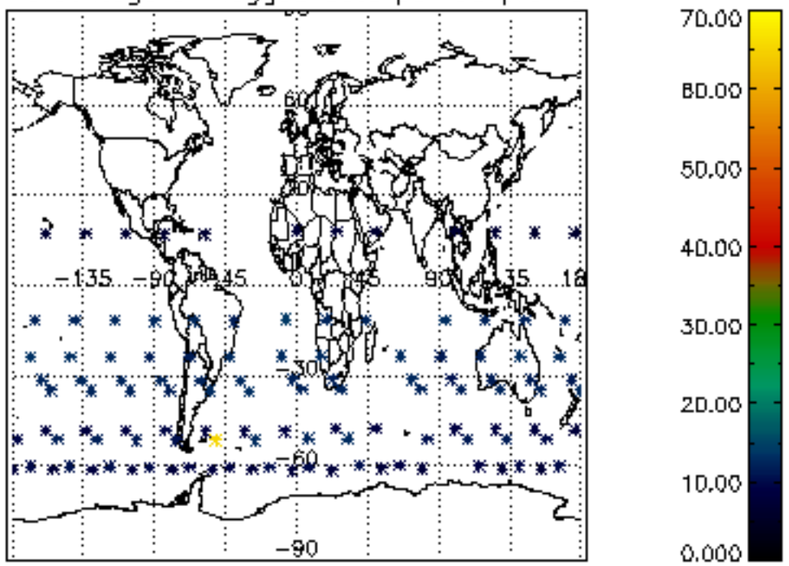
6. Auxiliary Data Files used for the production reported in section 2

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.

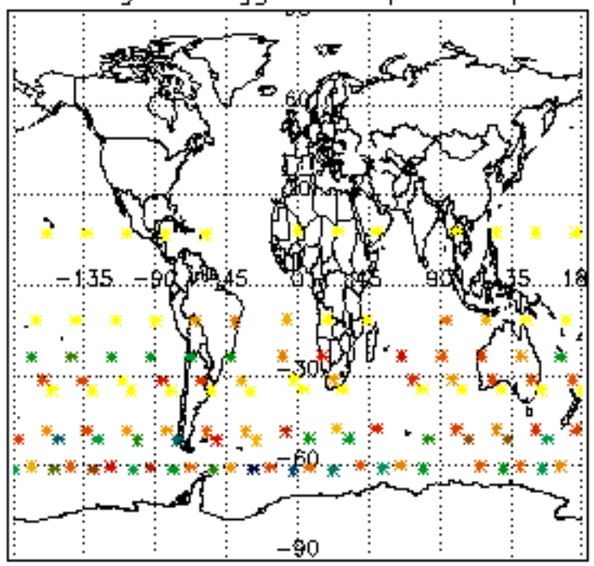
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXNIEC20050627_150440_20020301_000000_20100101_000000	1	29-APR-2003 00:00:57
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	29-APR-2003 00:00:57
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	29-APR-2003 00:00:57

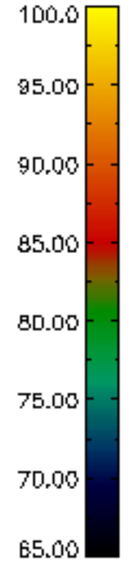

Percentage of flagged points in profiles
O3
H2O
NO2
NO3
100
80
60
40
20
0
Percentage
00:00.00
29/04/2003
04:00.00
29/04/2003
08:00.00
29/04/2003
12:00.00
29/04/2003
16:00.00
29/04/2003
20:00.00
29/04/2003
00:00.00
30/04/2003
Time

Percentage of flagged data per O3 profile

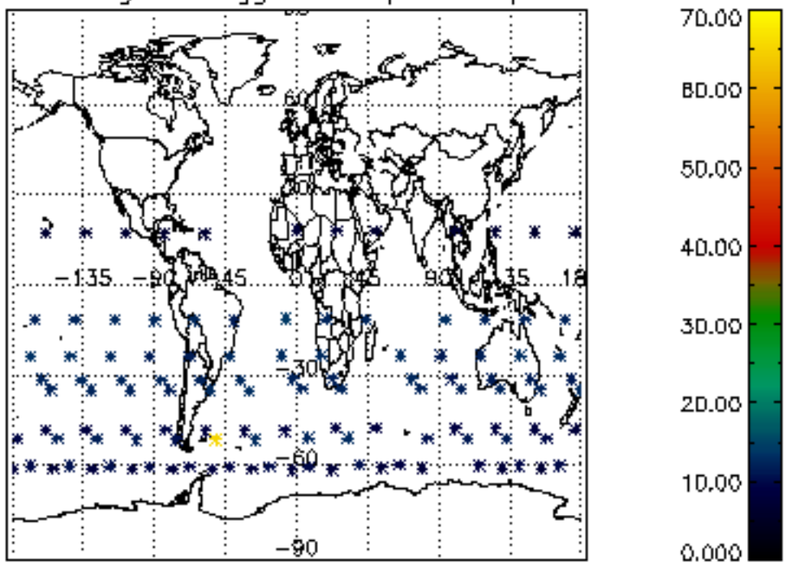


Percentage of flagged data per H2O profile

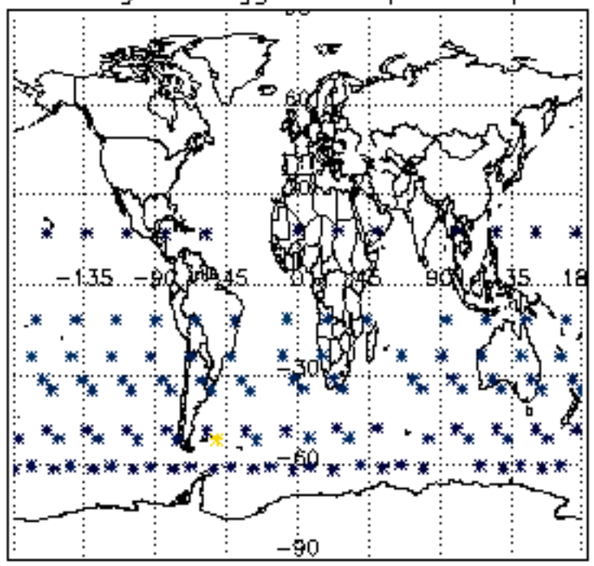


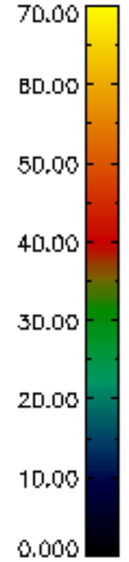


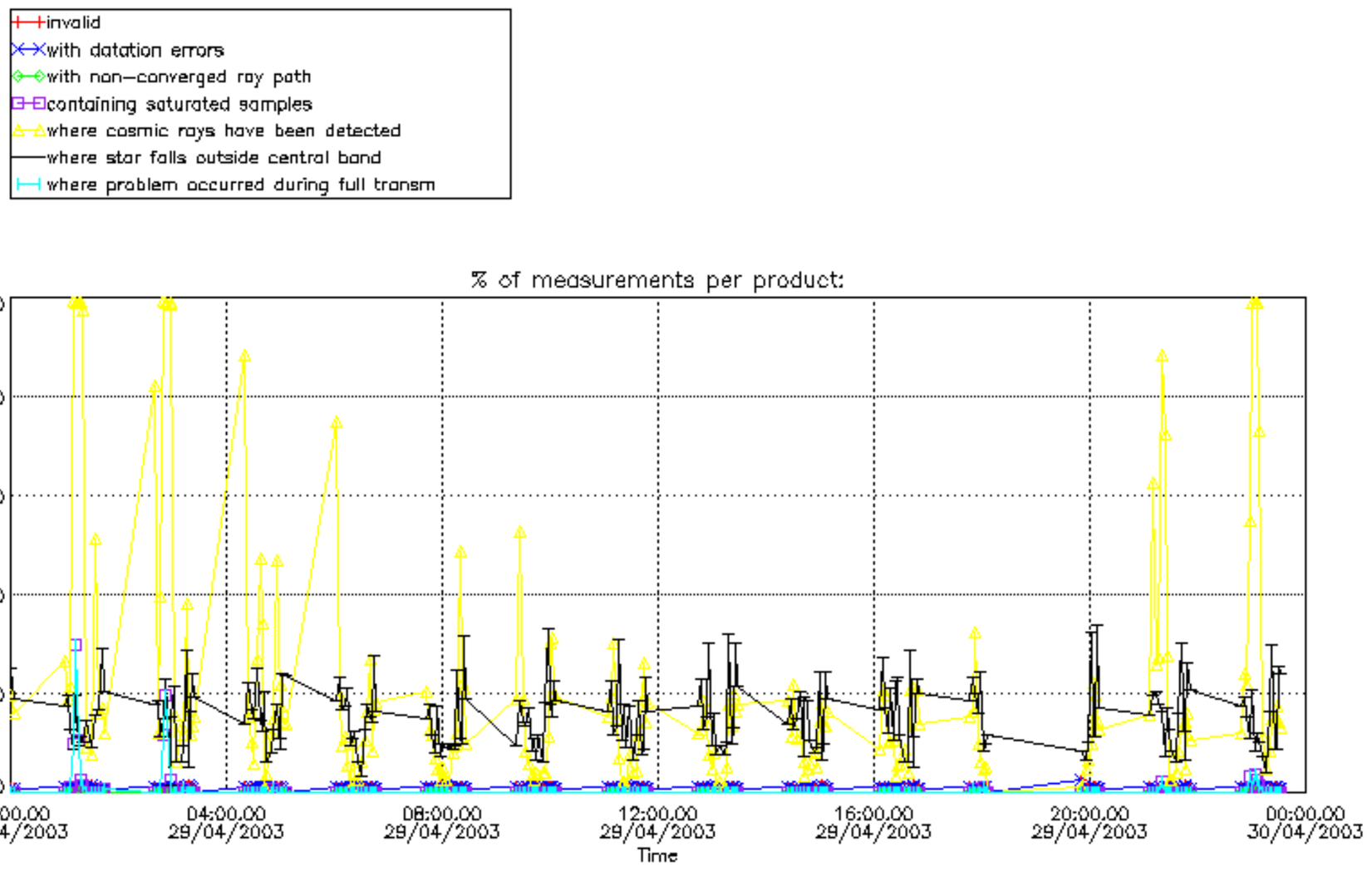
Percentage of flagged data per NO2 profile

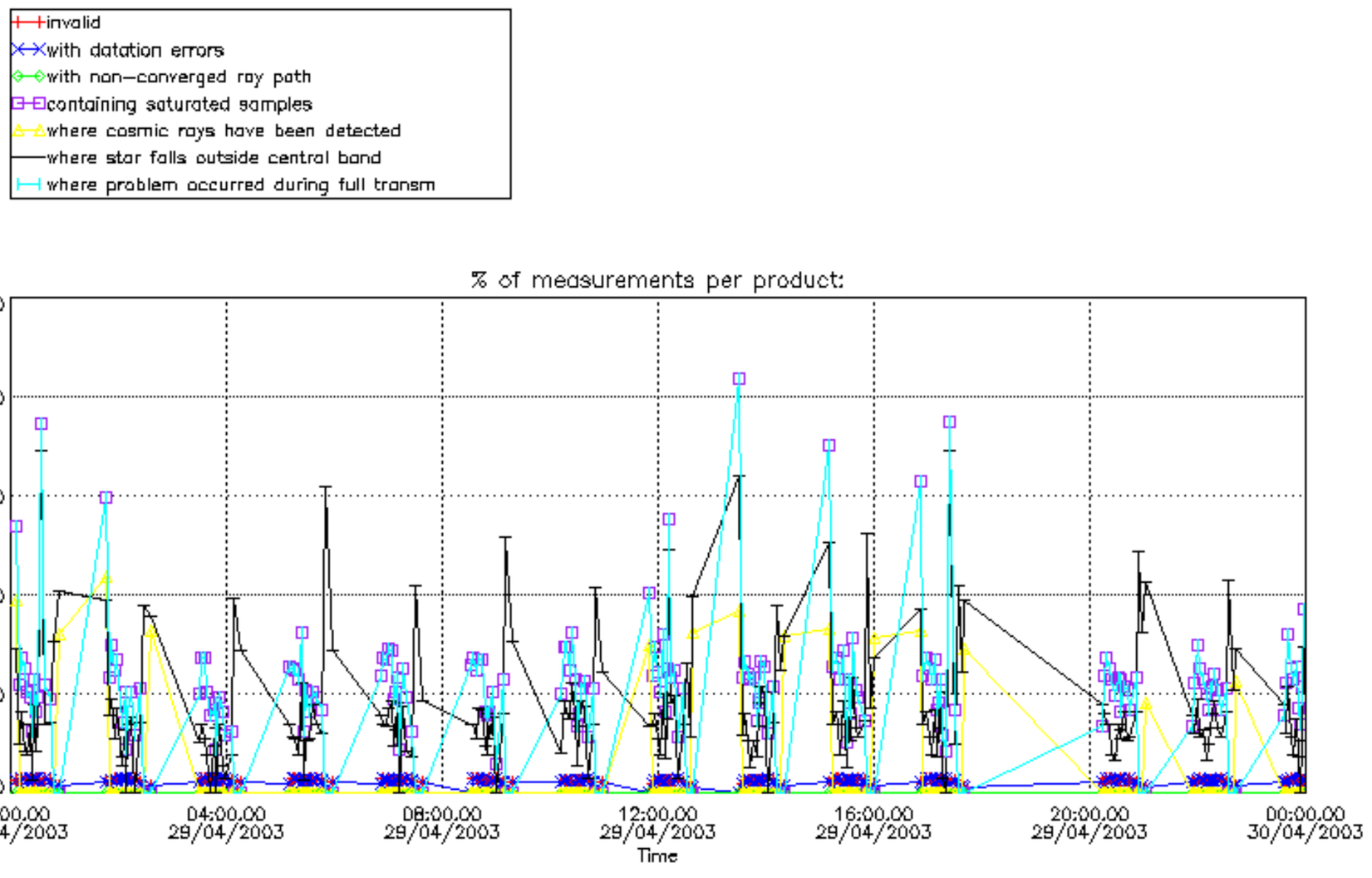


Percentage of flagged data per NO3 profile

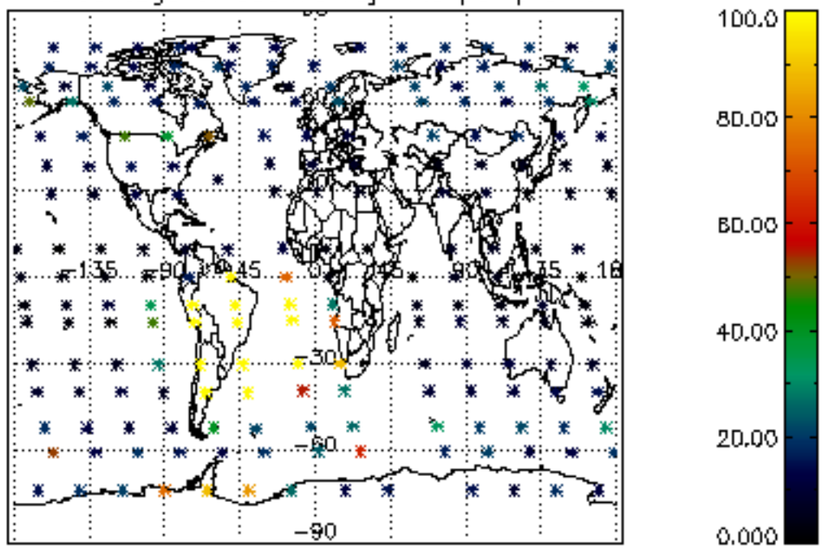




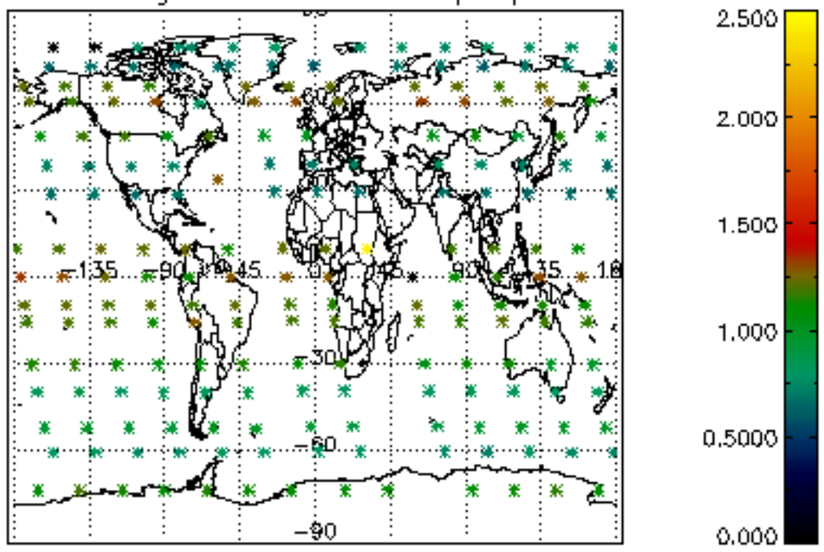

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
100
80
60
40
20
0
value (%)
00:00.00 29/04/2003
04:00.00 29/04/2003
08:00.00 29/04/2003
12:00.00 29/04/2003
16:00.00 29/04/2003
20:00.00 29/04/2003
00:00.00 30/04/2003
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:
50
40
30
20
10
0
value (%)
00:00.00
29/04/2003
04:00.00
29/04/2003
08:00.00
29/04/2003
12:00.00
29/04/2003
16:00.00
29/04/2003
20:00.00
29/04/2003
00:00.00
30/04/2003
Time

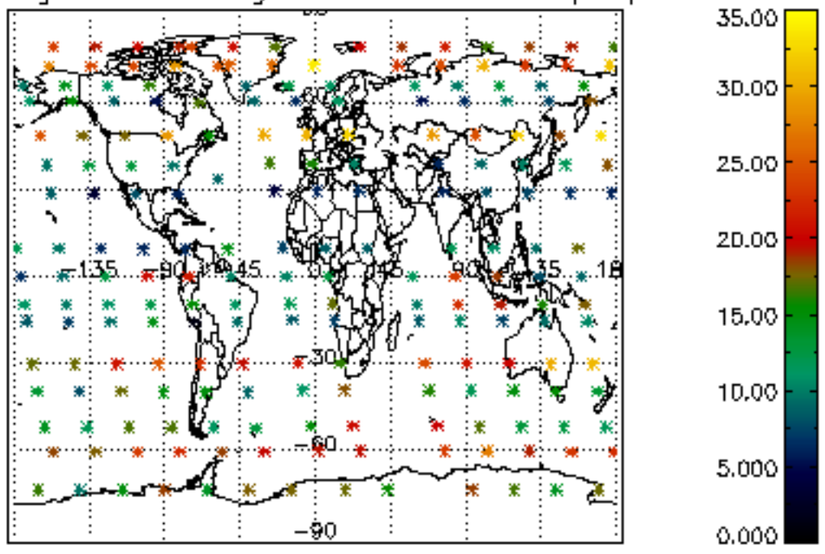
Percentage of cosmic ray hits per profile



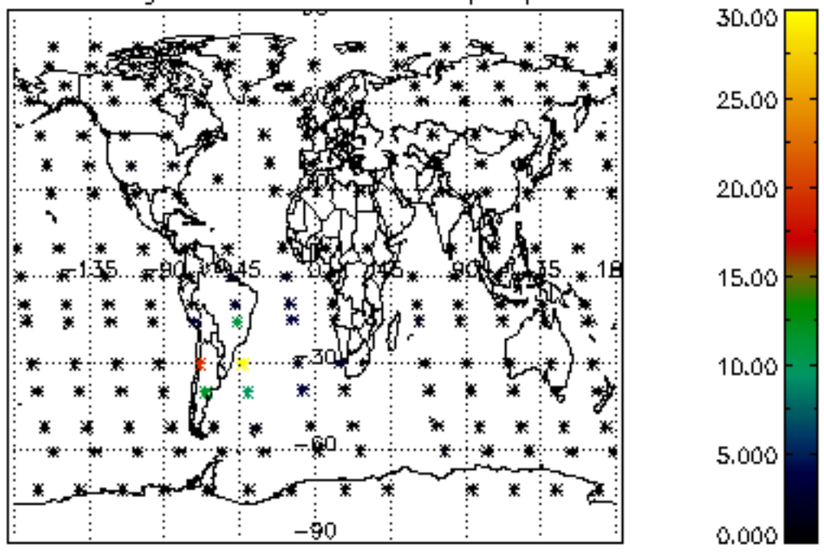
Percentage of datation errors per profile

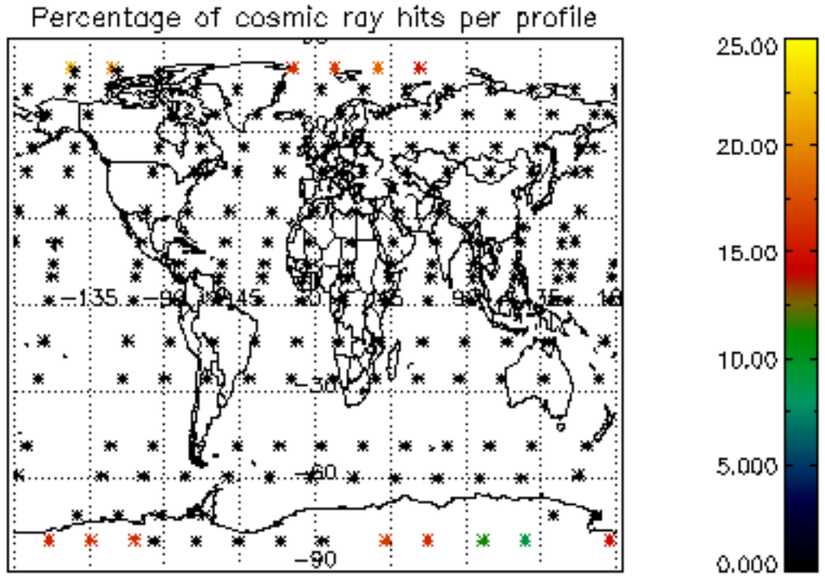


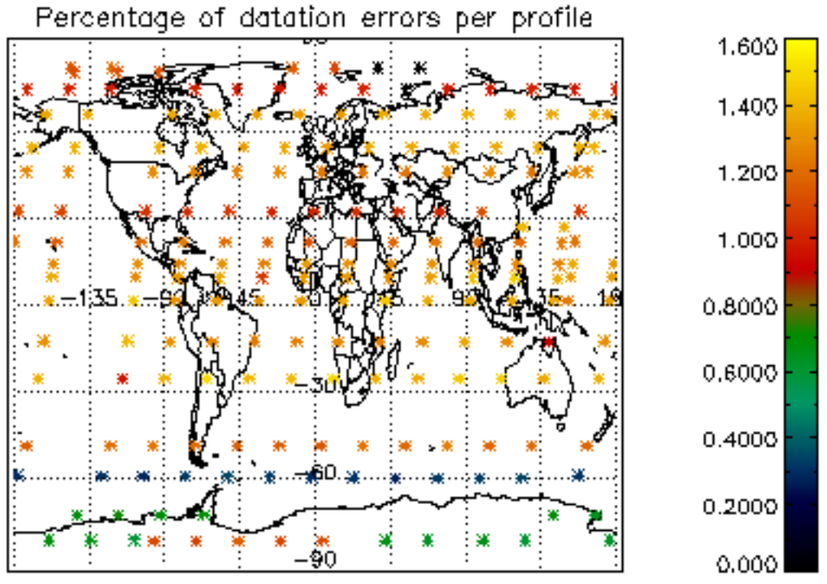
Percentage of star falling outside central band per profile

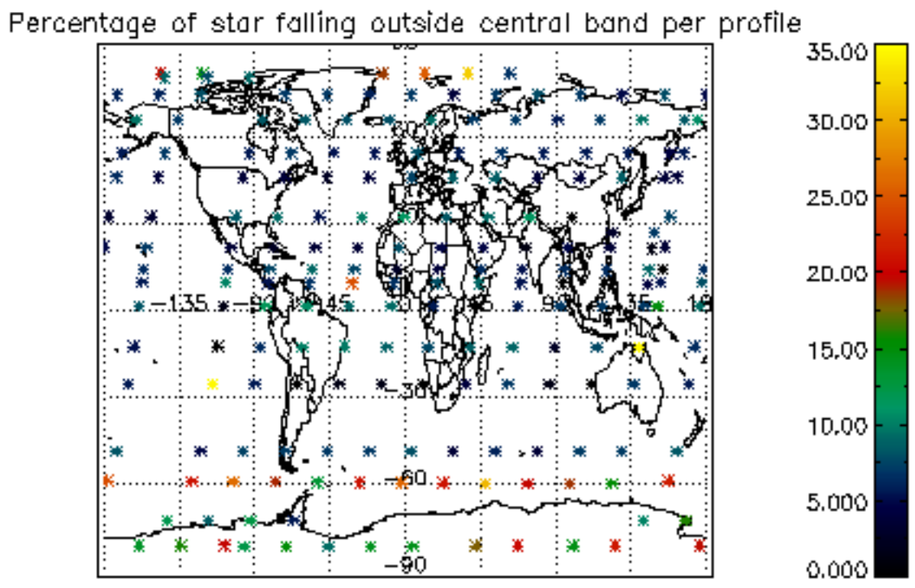


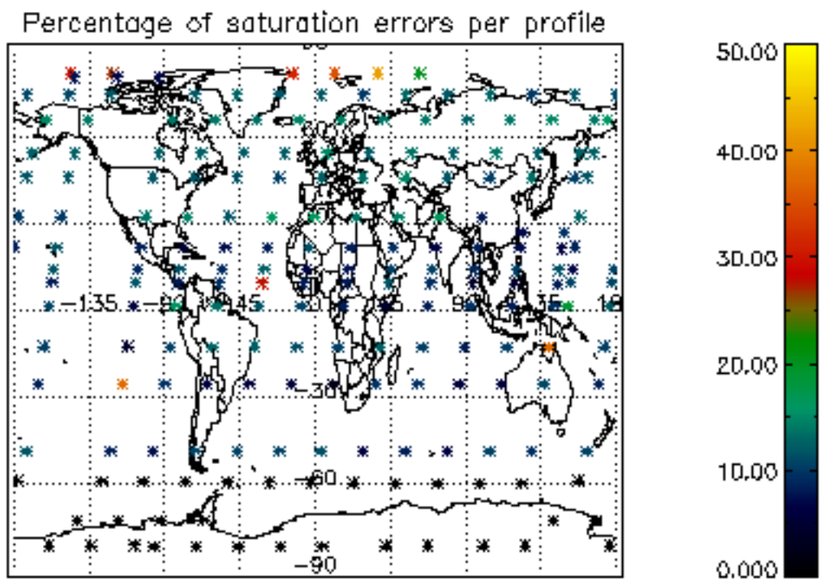
Percentage of saturation errors per profile

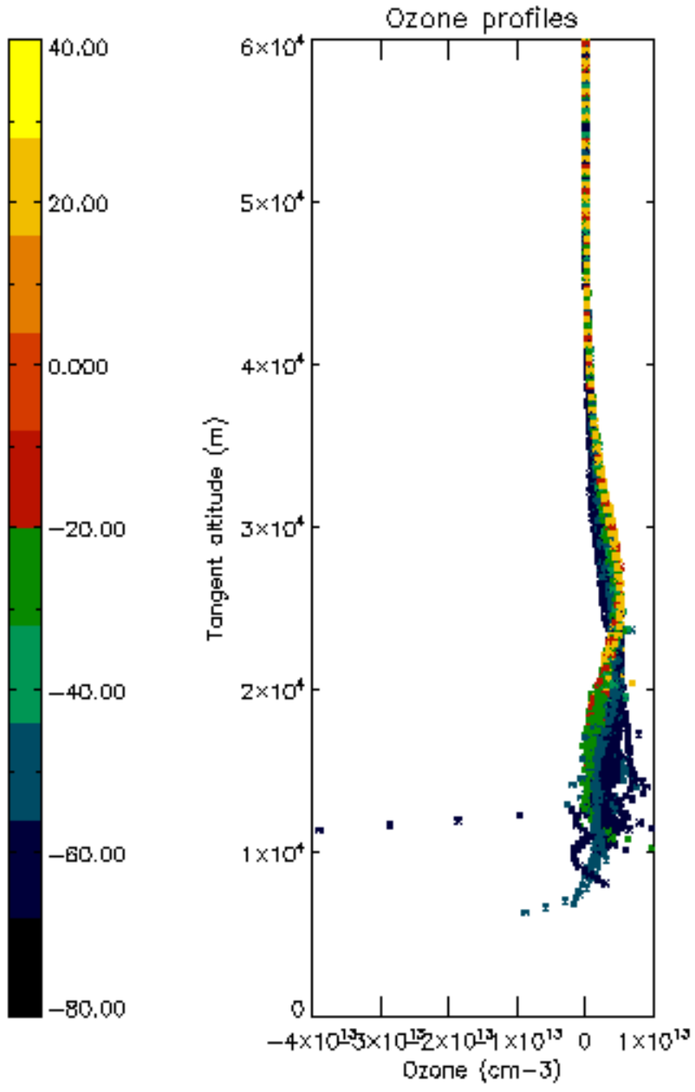


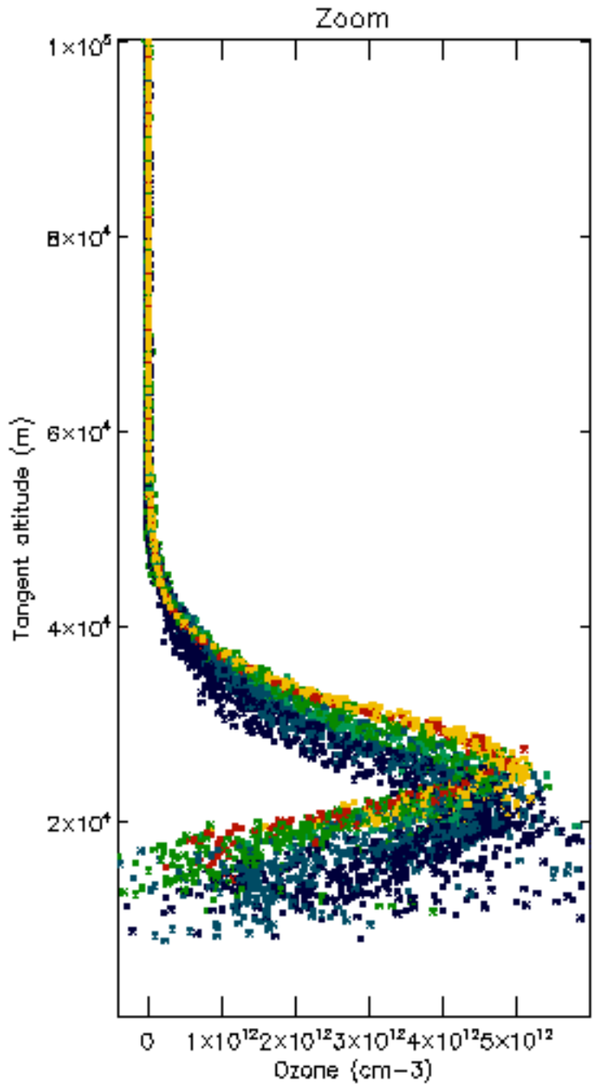

Percentage of cosmic ray hits per profile
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−45
−30
−60
−90

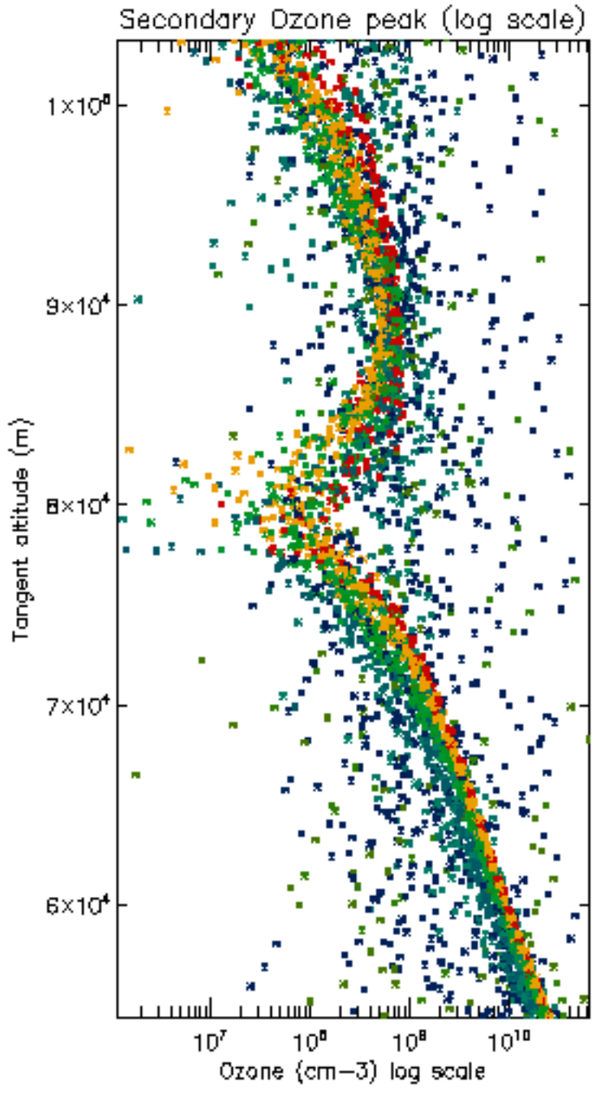

Percentage of datation errors per profile
1.600
1.400
1.200
1.000
0.8000
0.6000
0.4000
0.2000
0.000
−135
−90
−45
−30
−60
−90

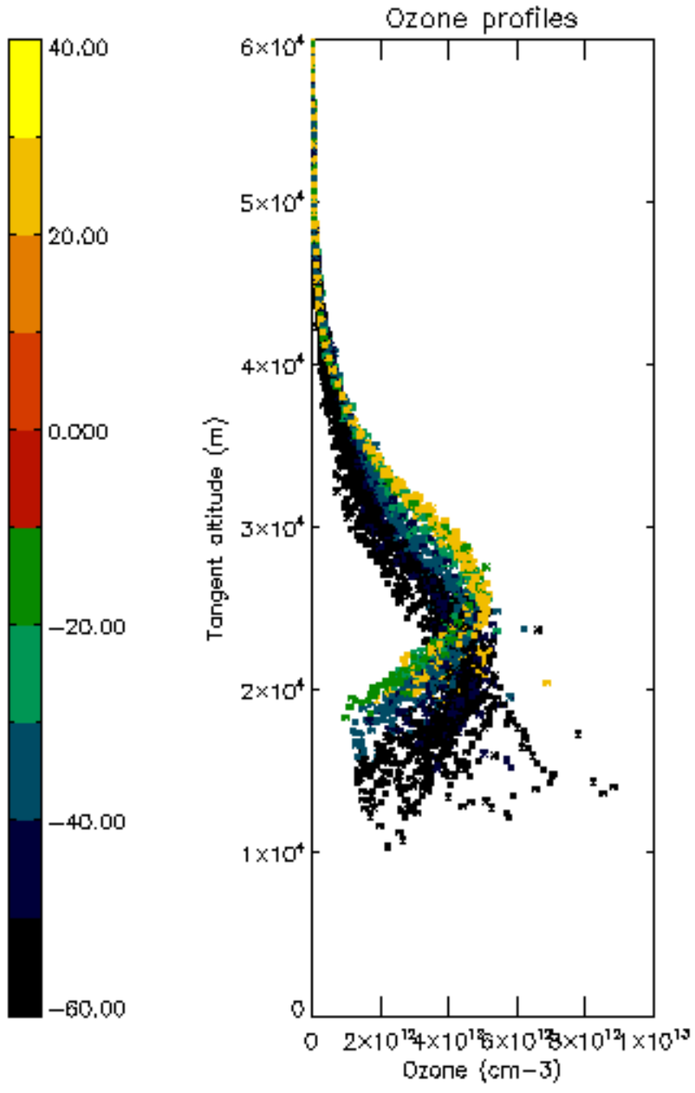

Percentage of star falling outside central band per profile
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−45
−30
−60
−90


Percentage of saturation errors per profile
50.00
40.00
30.00
20.00
10.00
0.000
−135
−90
−45
−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 −3×10¹³ −2×10¹³ −1×10¹³ 0 1×10¹³
Ozone (cm−3)

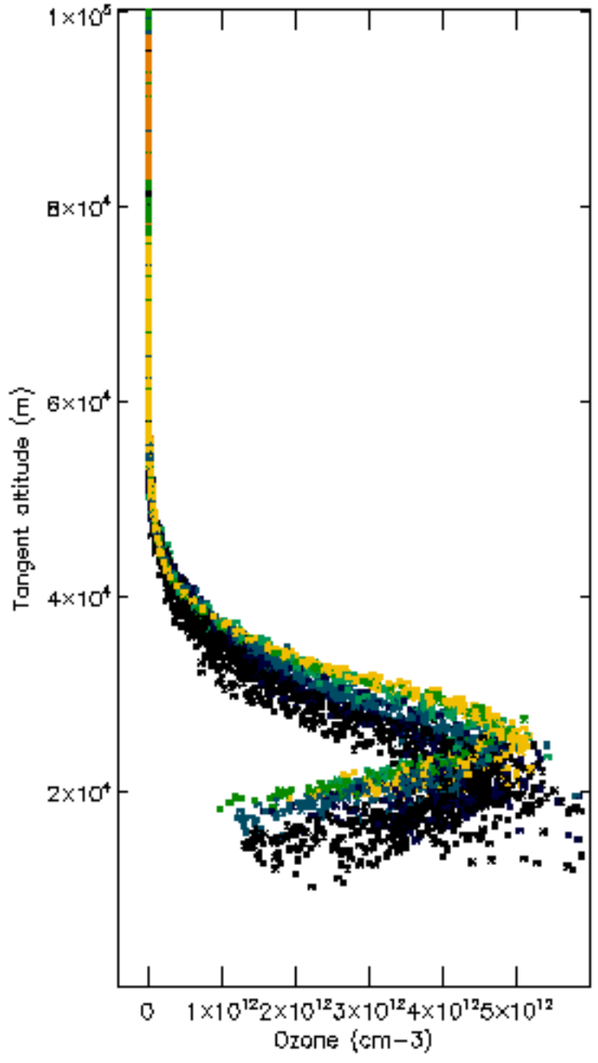

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0 1×10¹² 2×10¹² 3×10¹² 4×10¹² 5×10¹²
Ozone (cm−3)


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

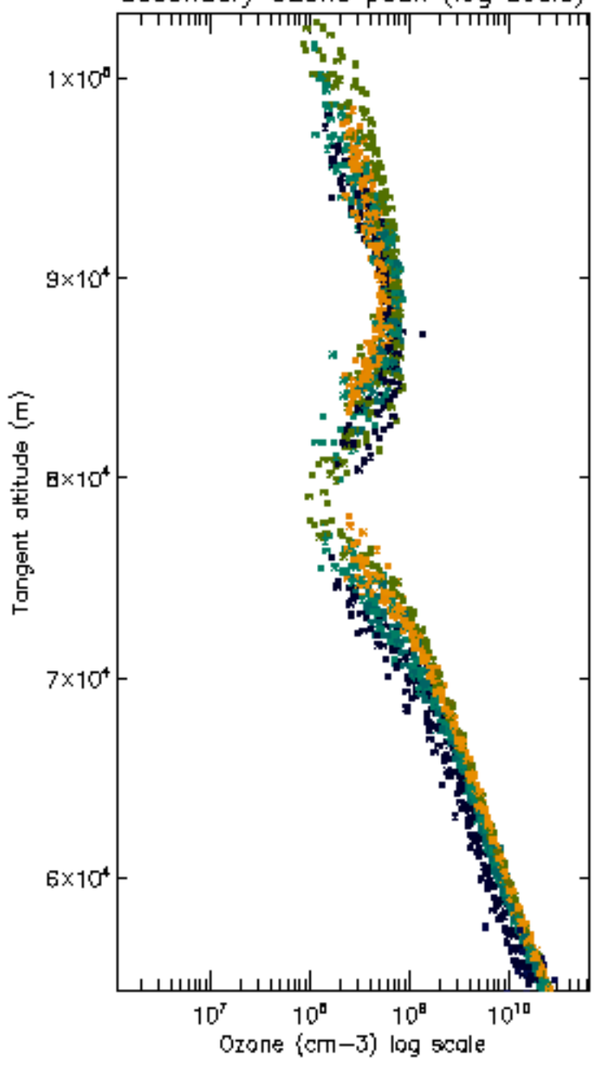


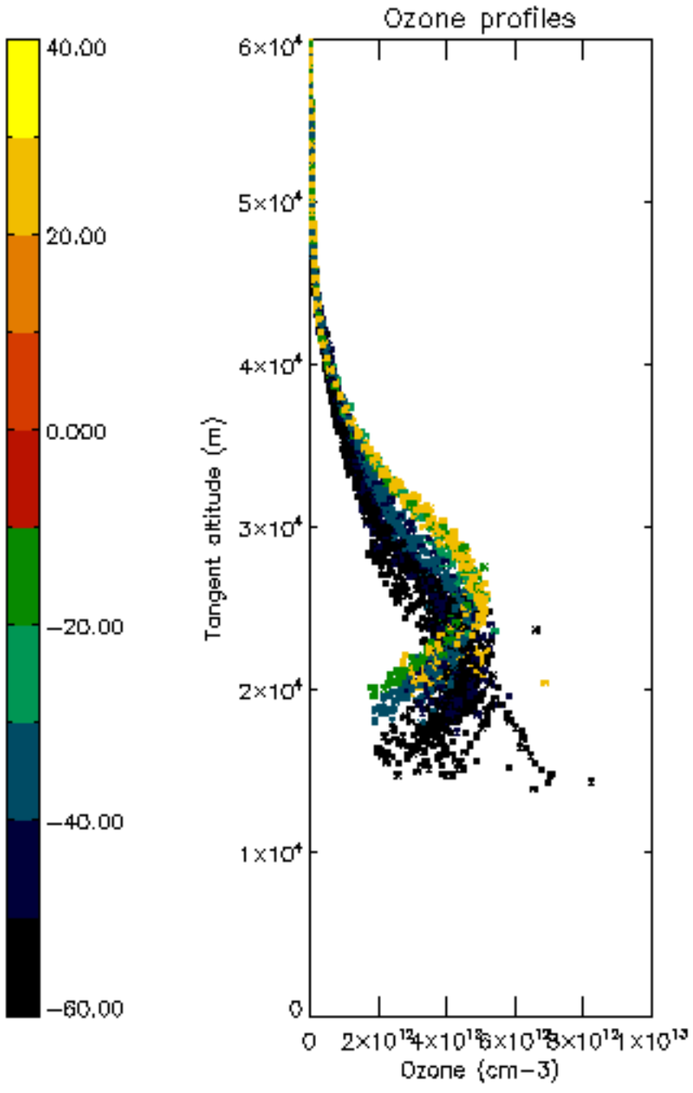
Ozone profiles

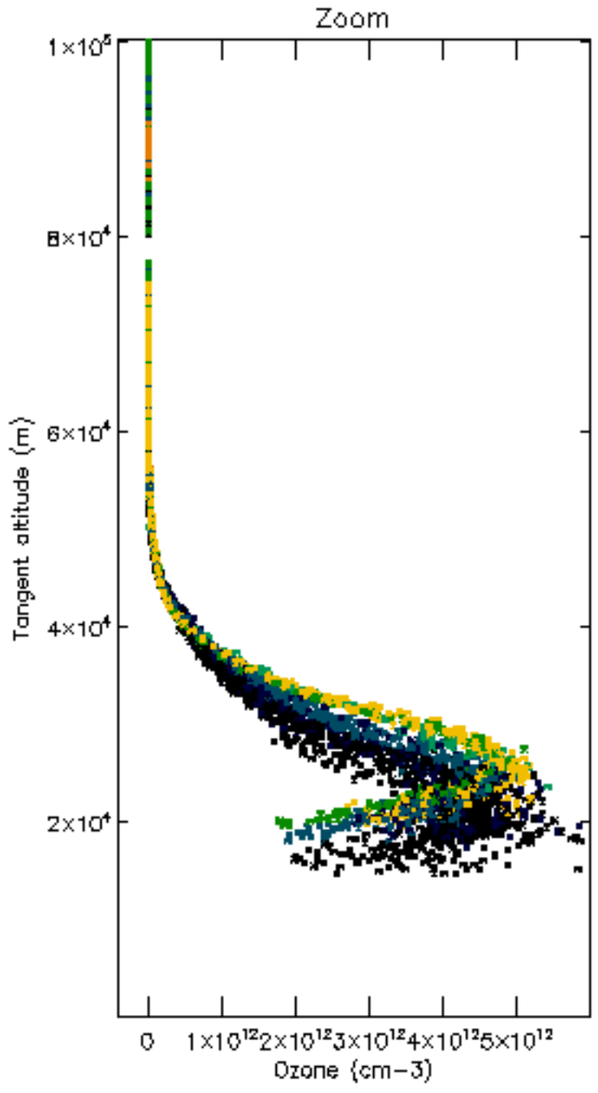
Zoom

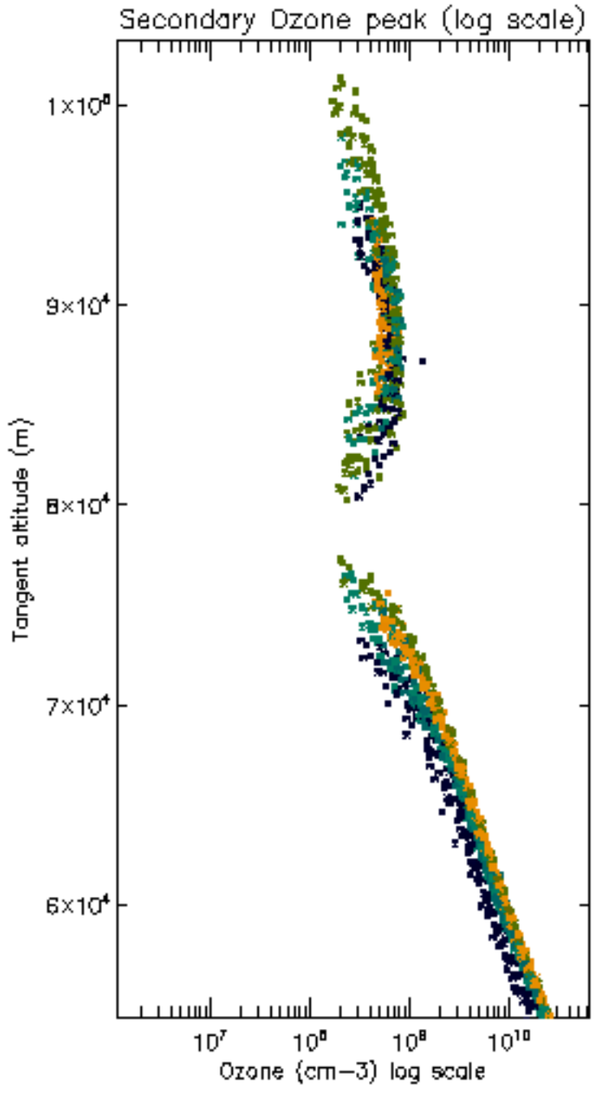


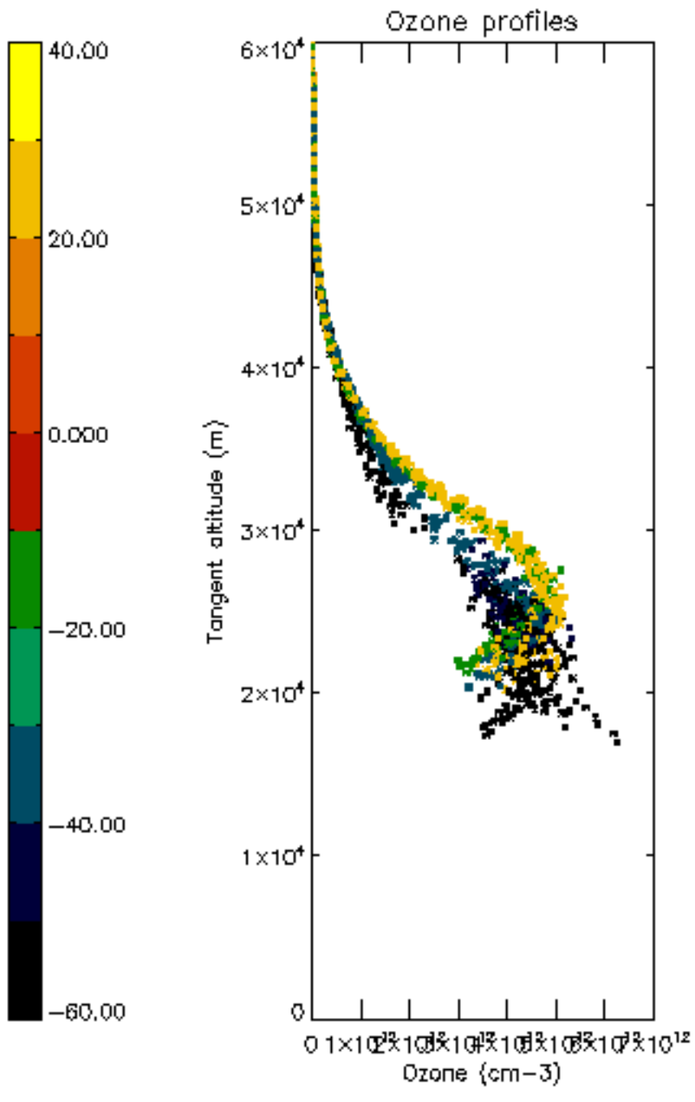
Secondary Ozone peak (log scale)




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

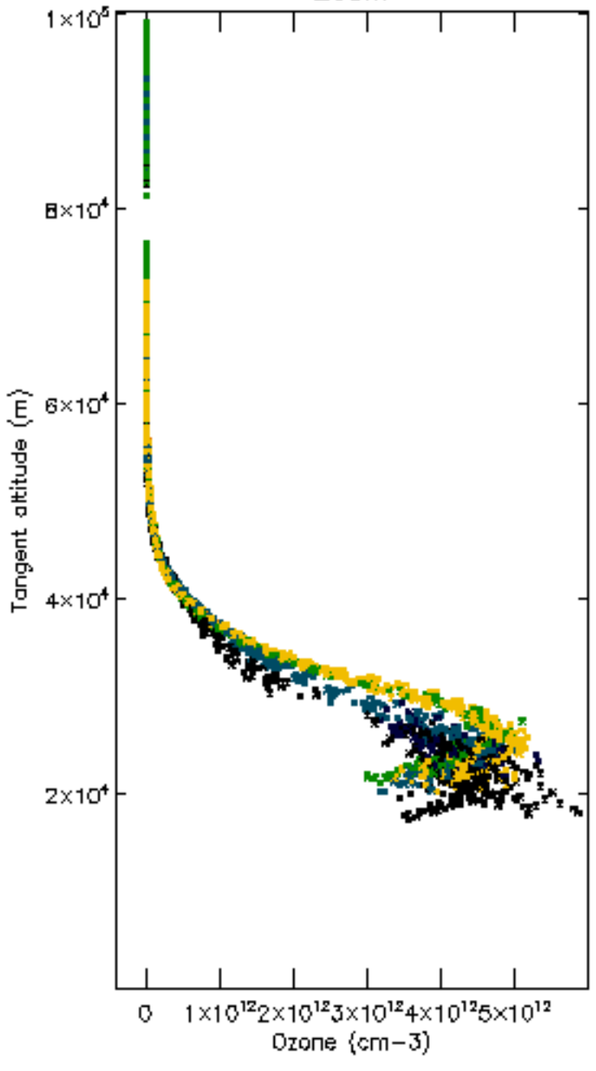

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
Ozone (cm−3)


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

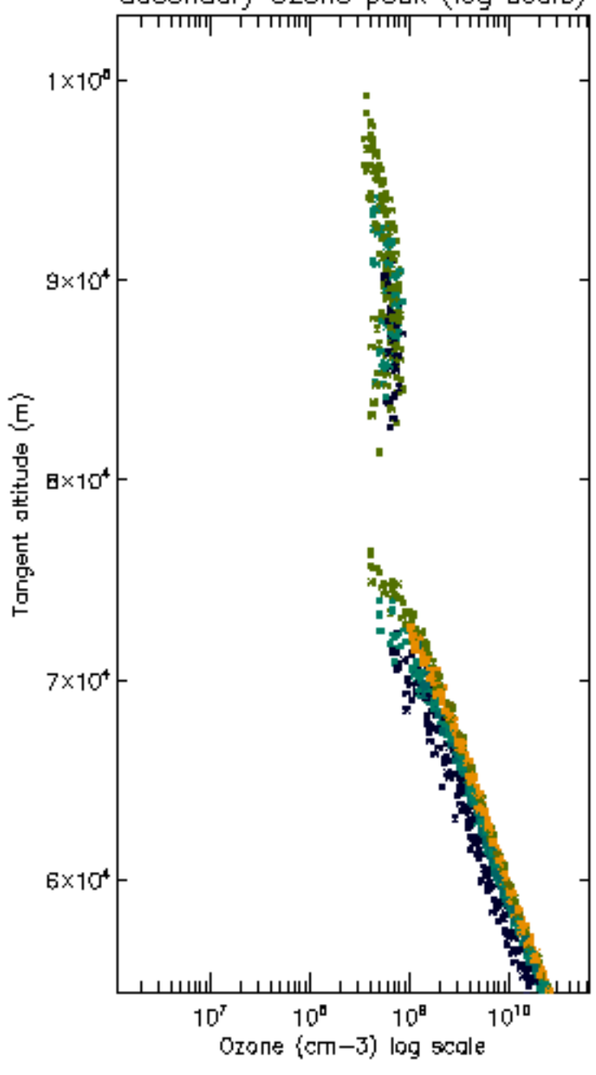


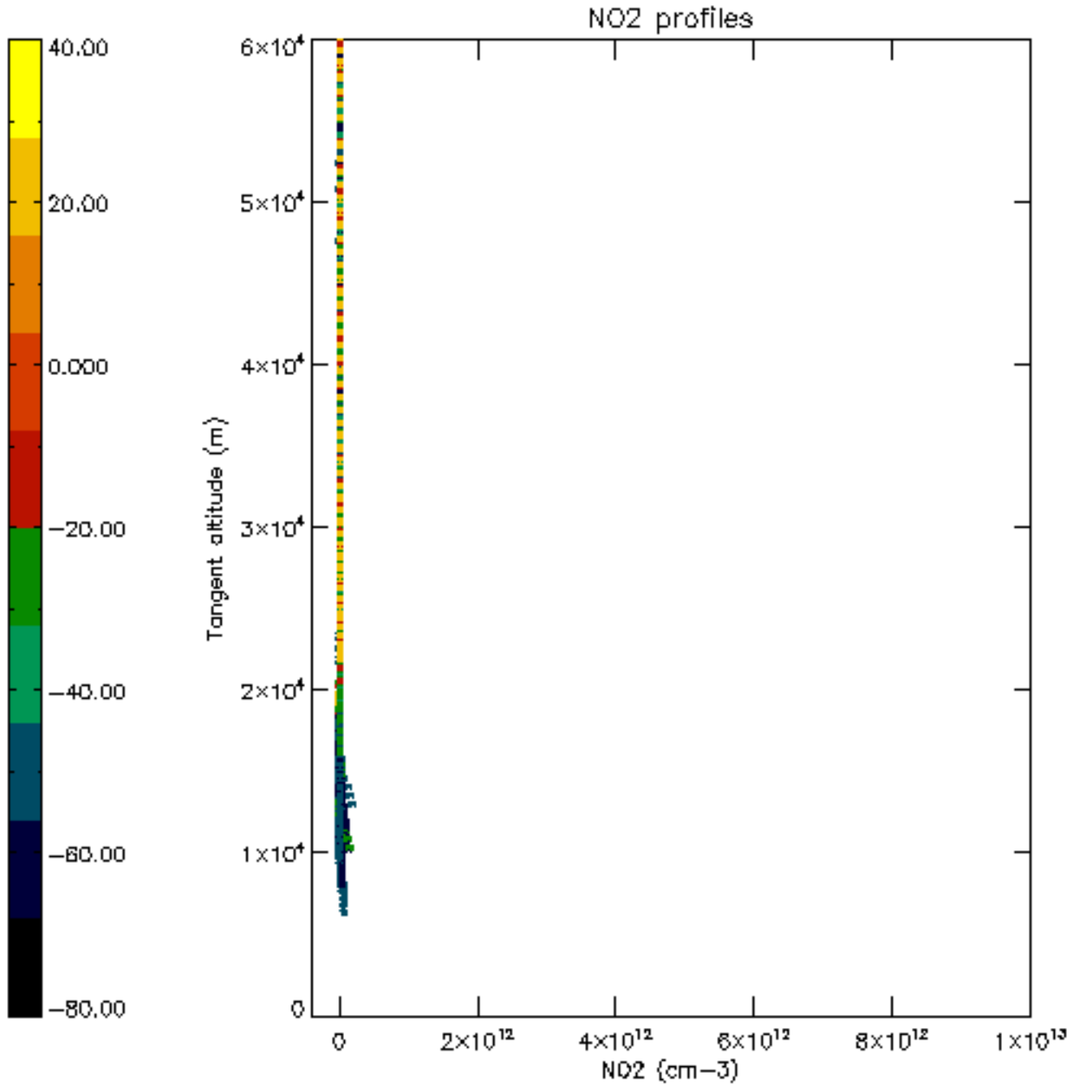
Ozone profiles

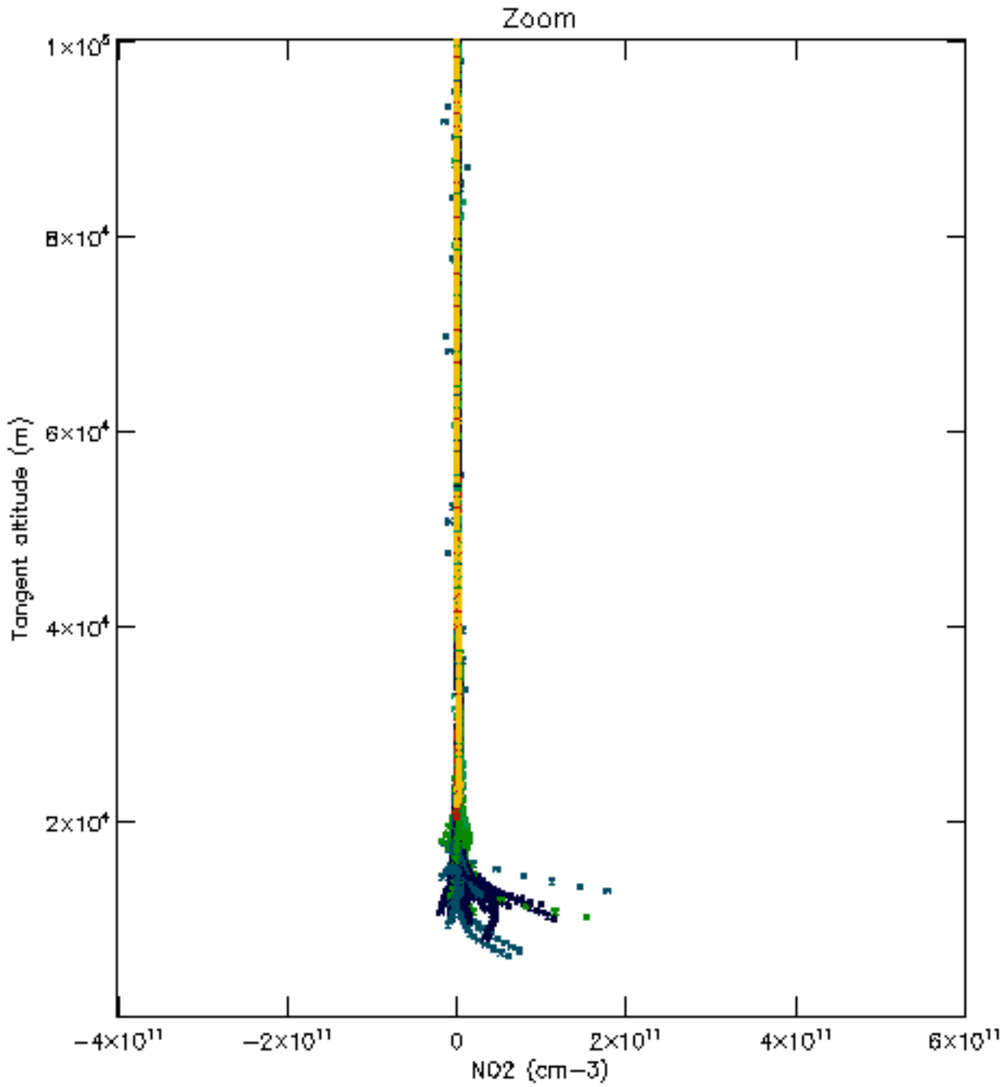
Zoom

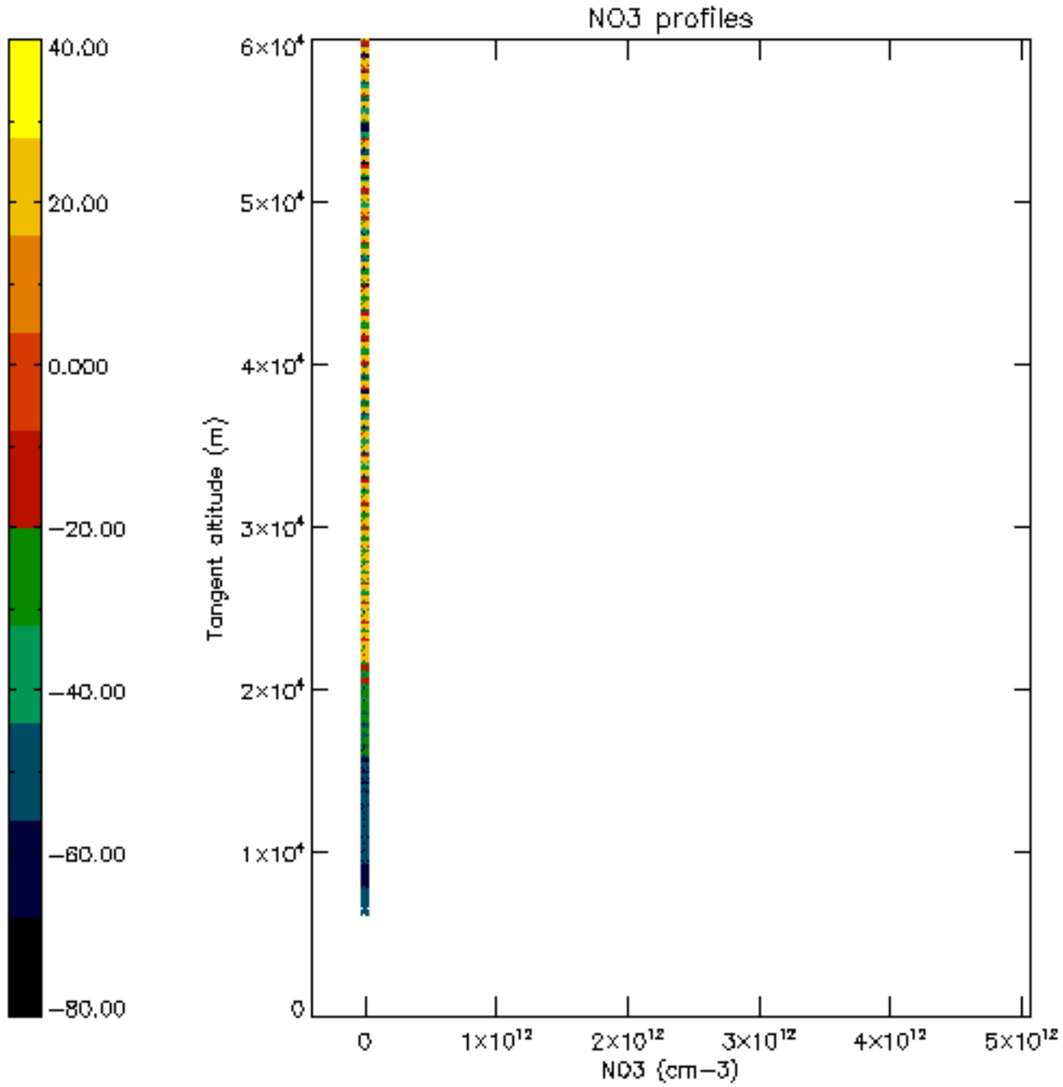


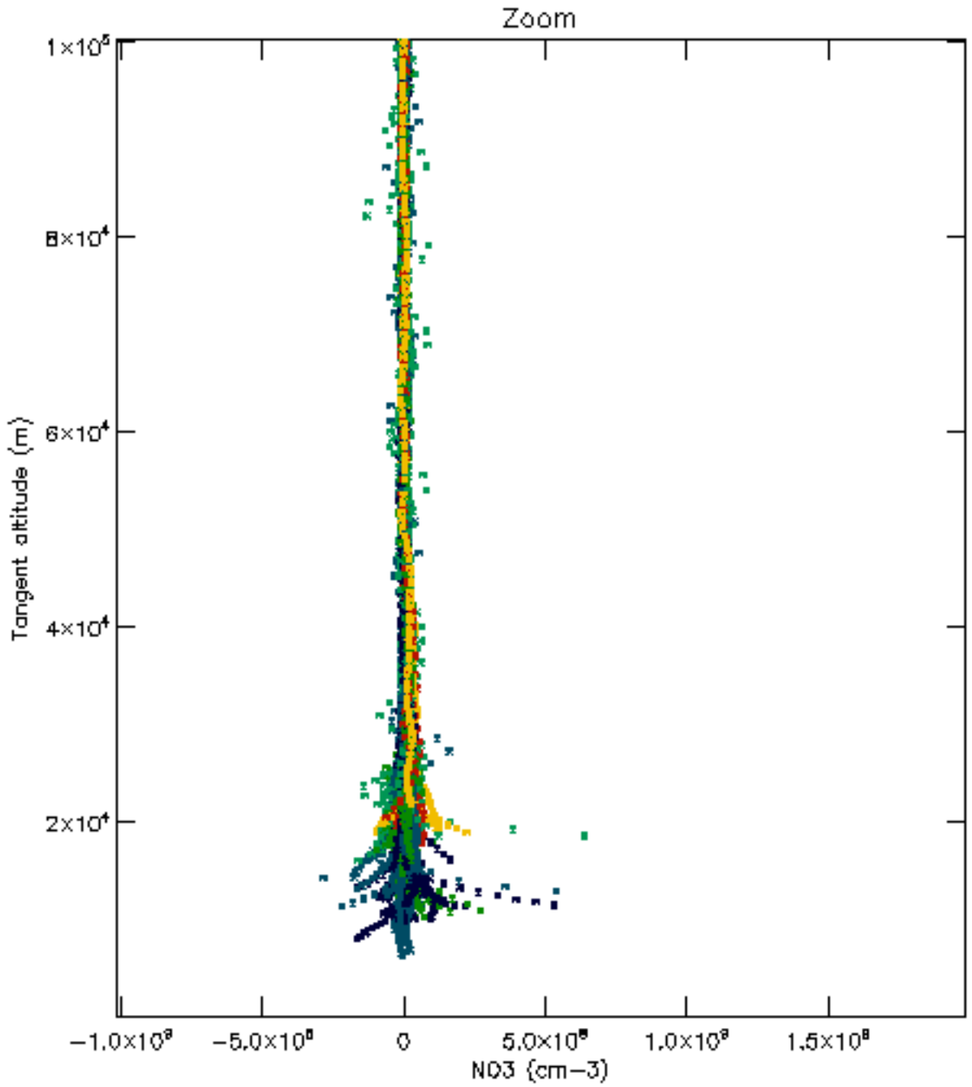
Secondary Ozone peak (log scale)

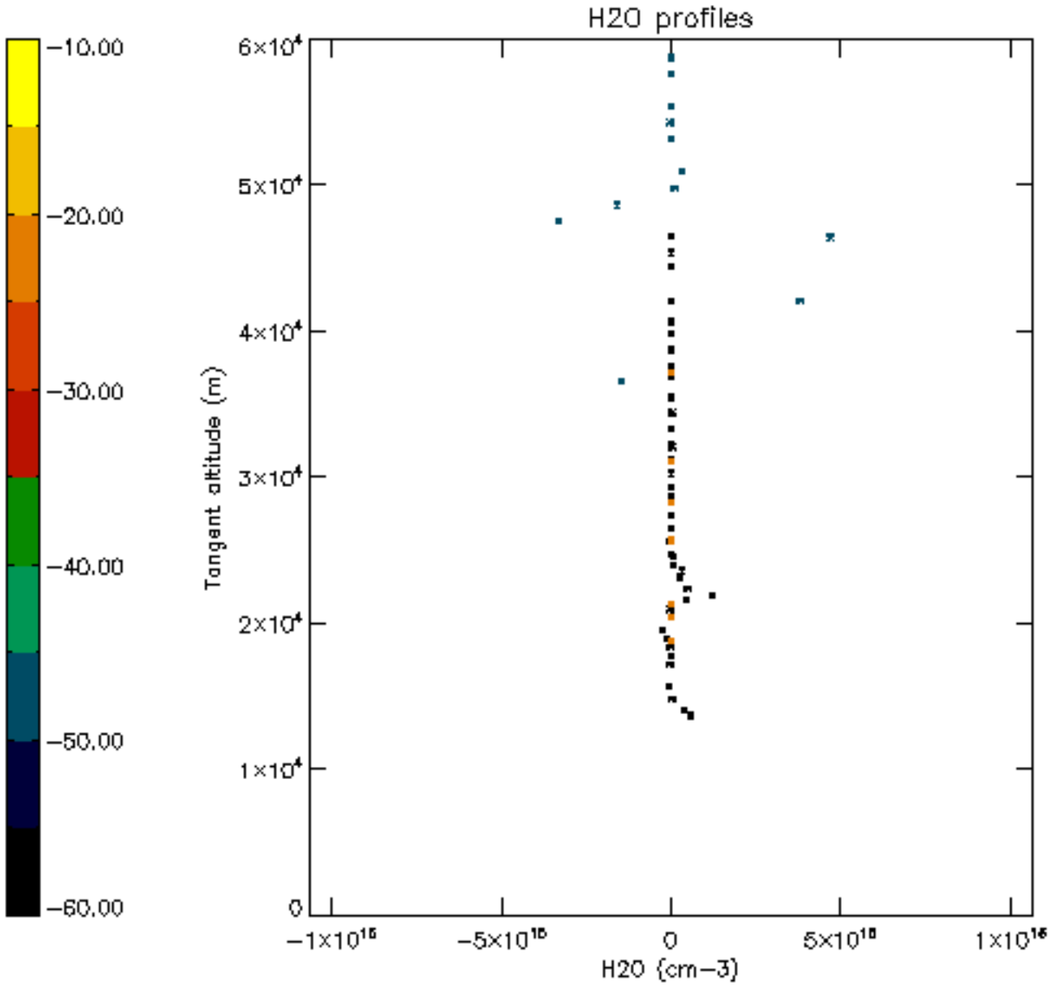


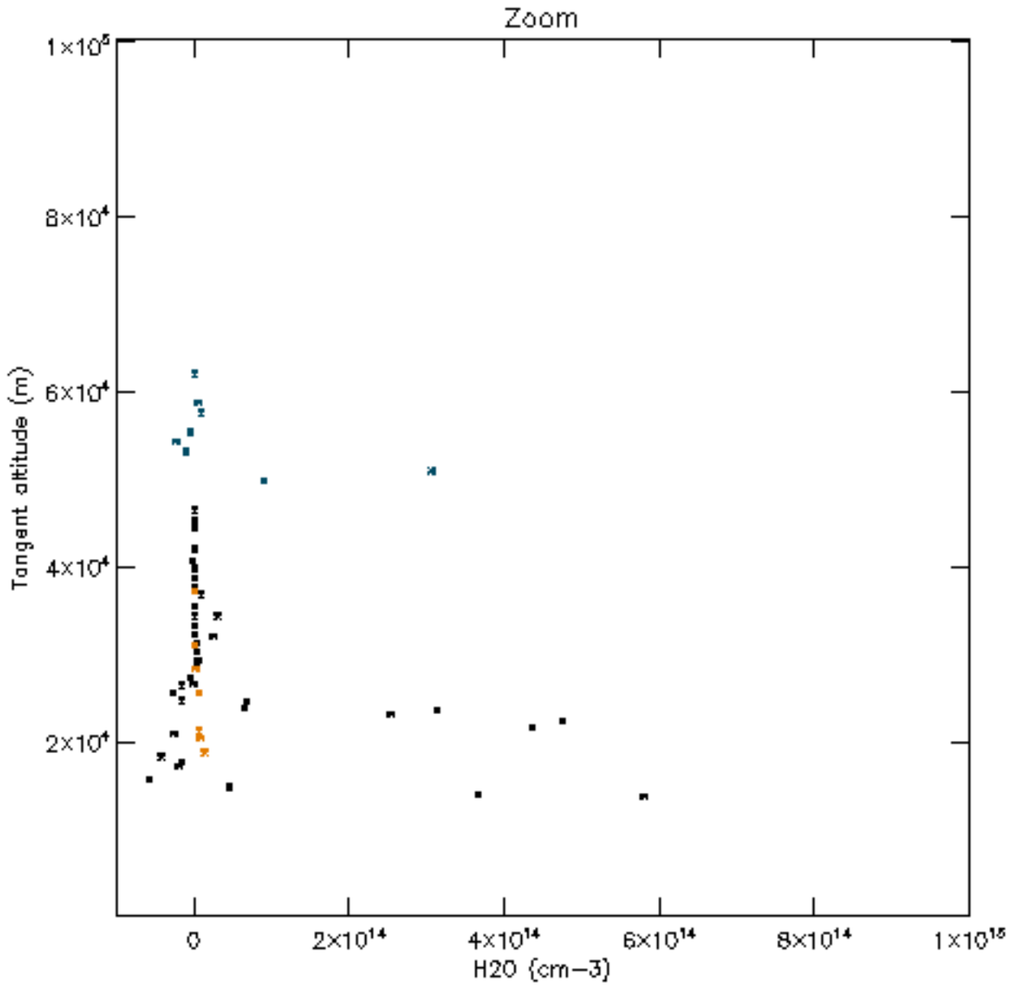

NO2 profiles
40.00
20.00
0.000
−20.00
−40.00
−60.00
−80.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
0
2×10¹²
4×10¹²
6×10¹²
8×10¹²
1×10¹³
NO2 (cm−3)

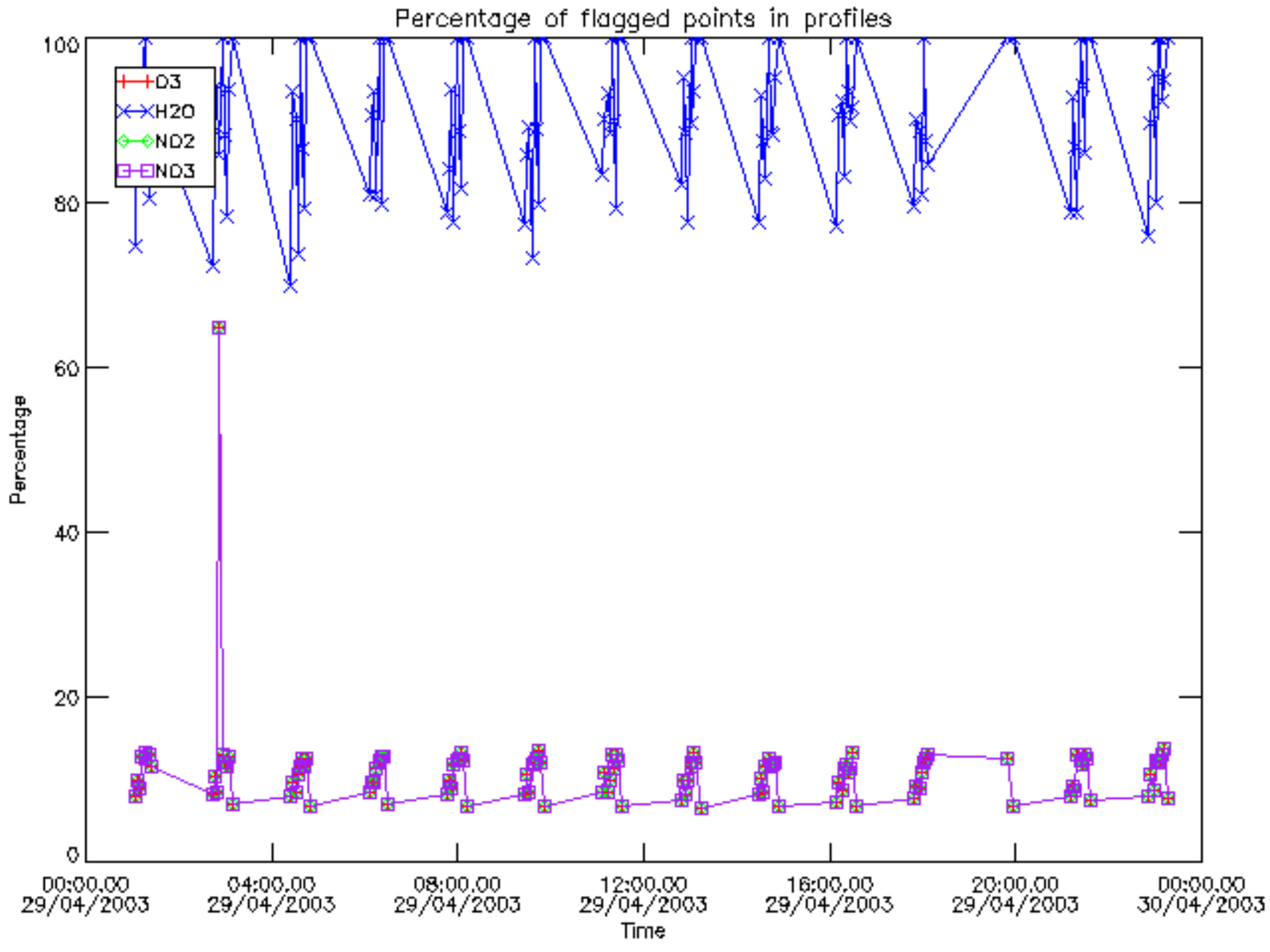

Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
−4×10¹¹
−2×10¹¹
0
2×10¹¹
4×10¹¹
6×10¹¹
NO2 (cm−3)


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)

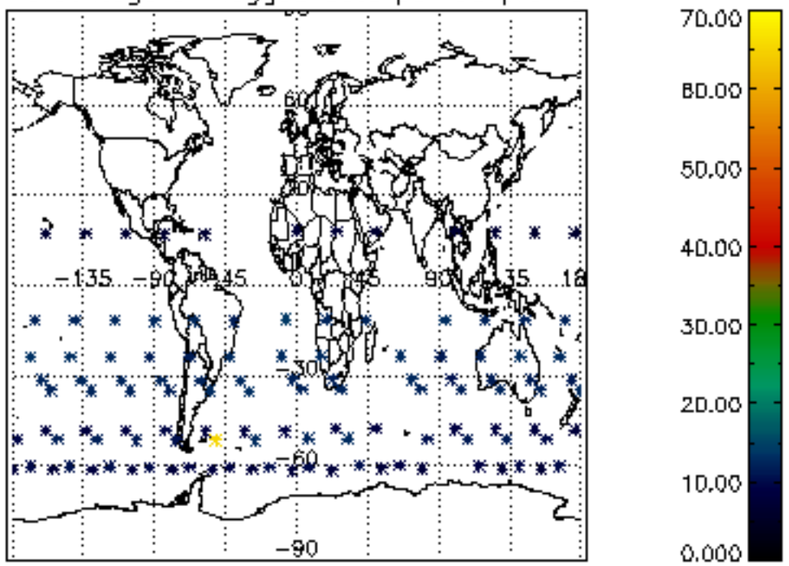

Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
−1.0×10⁸
−5.0×10⁷
0
5.0×10⁷
1.0×10⁸
1.5×10⁸
NO3 (cm−3)


H2O profiles
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
−1×10¹⁶
−5×10¹⁵
0
5×10¹⁵
1×10¹⁶
H2O (cm−3)

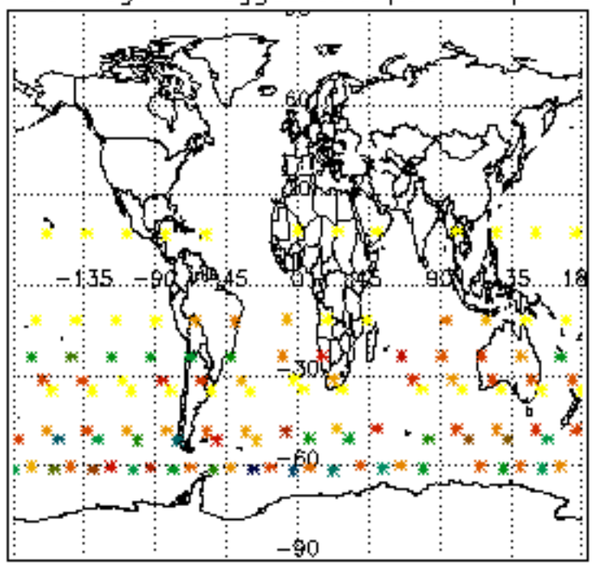

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0
2×10¹⁴
4×10¹⁴
6×10¹⁴
8×10¹⁴
1×10¹⁵
H2O (cm−3)

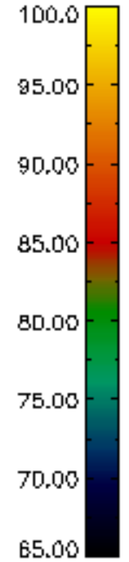

Percentage of flagged points in profiles
O3
H2O
NO2
NO3
100
80
60
40
20
0
Percentage
00:00.00
29/04/2003
04:00.00
29/04/2003
08:00.00
29/04/2003
12:00.00
29/04/2003
16:00.00
29/04/2003
20:00.00
29/04/2003
00:00.00
30/04/2003
Time

Percentage of flagged data per O3 profile

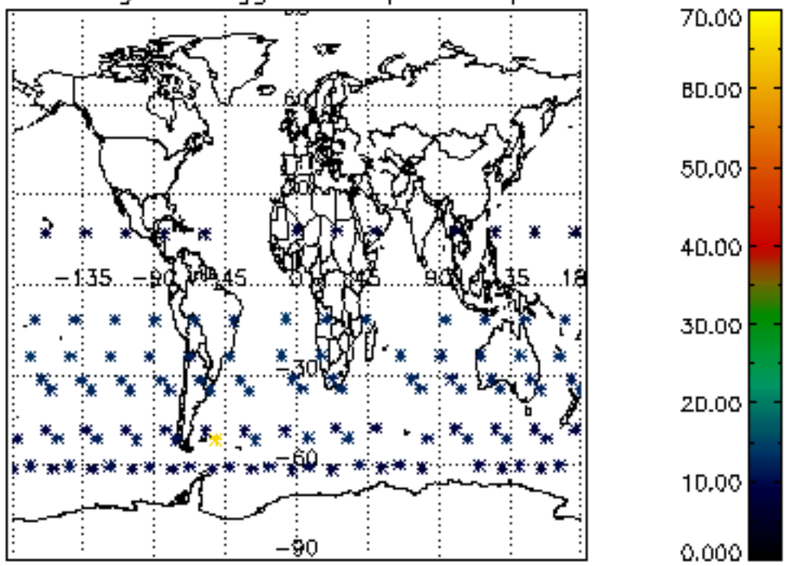


Percentage of flagged data per H2O profile

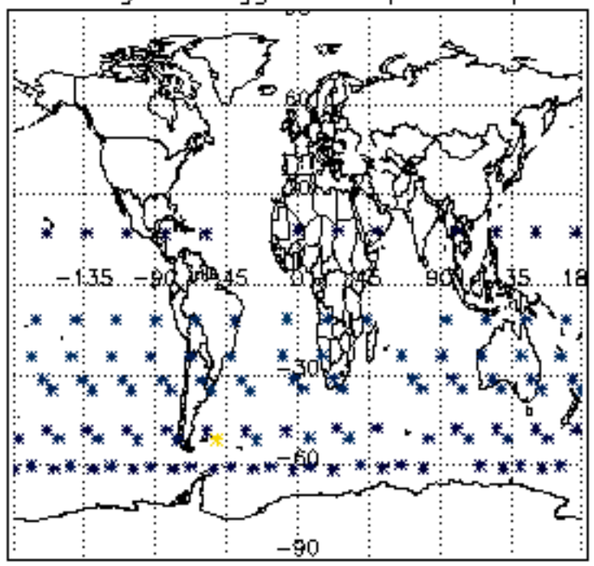


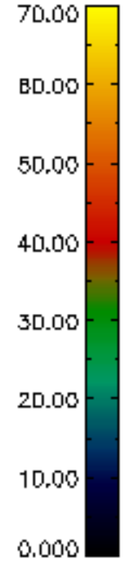


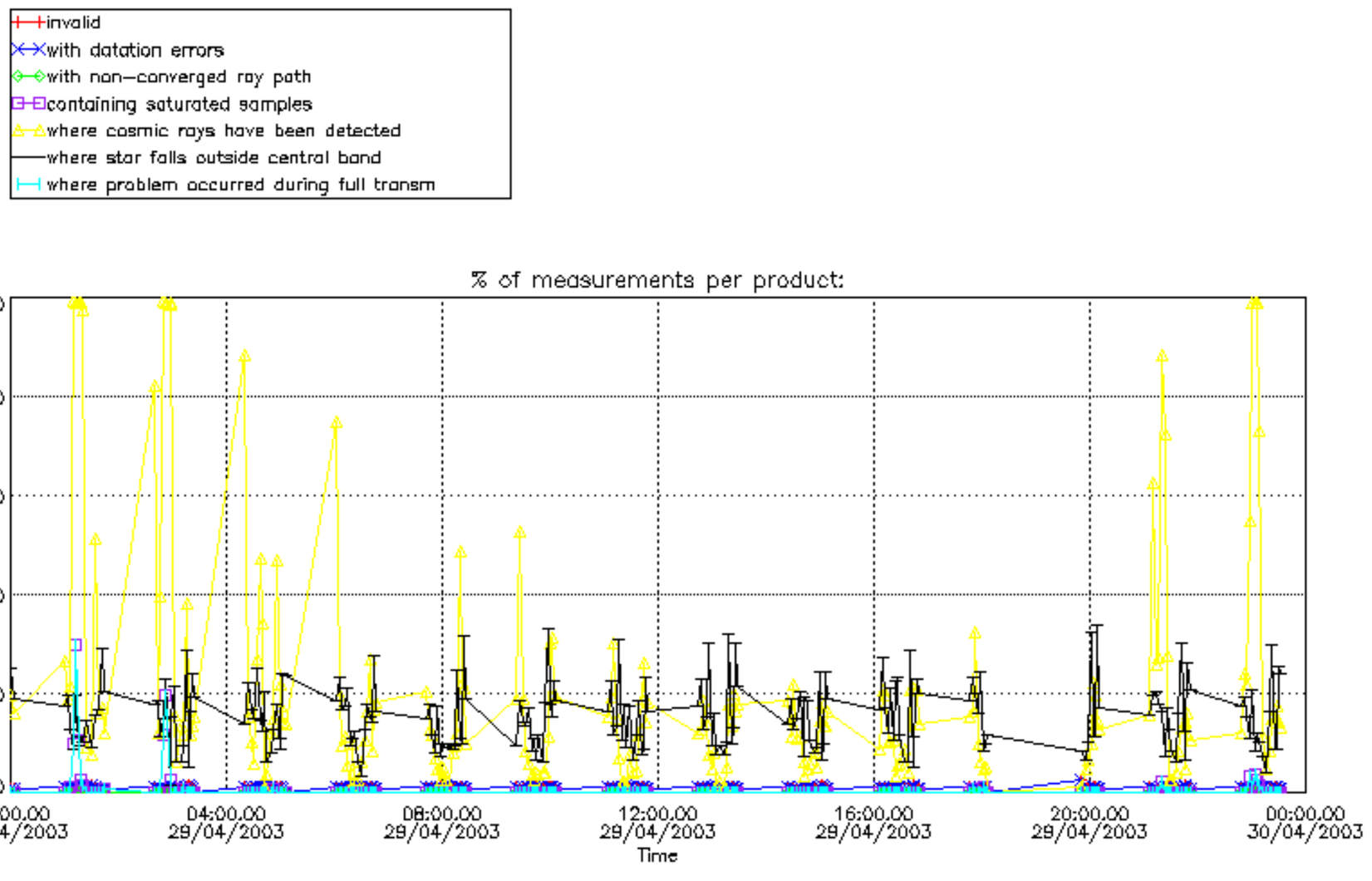
Percentage of flagged data per NO2 profile

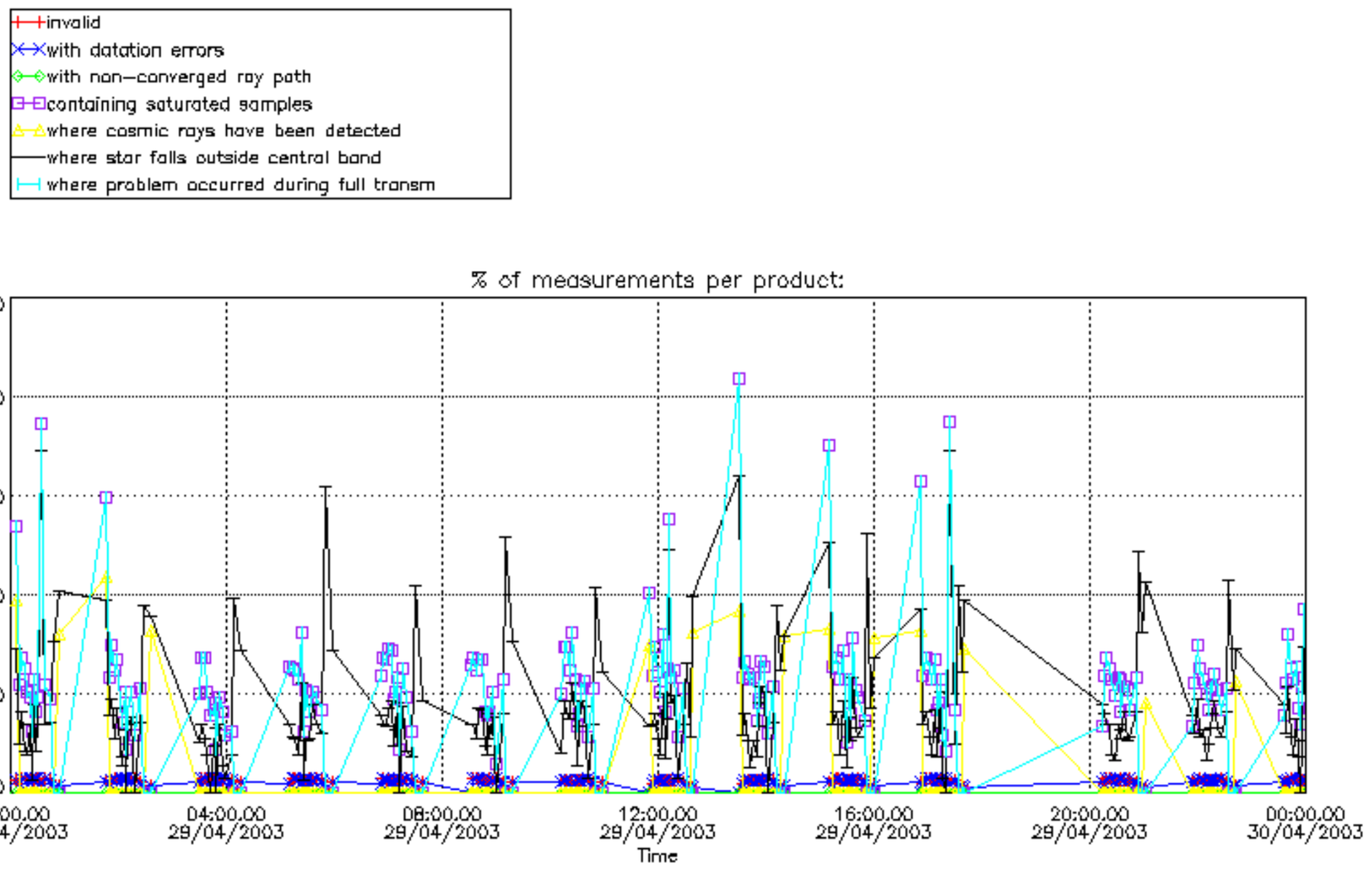


Percentage of flagged data per NO3 profile

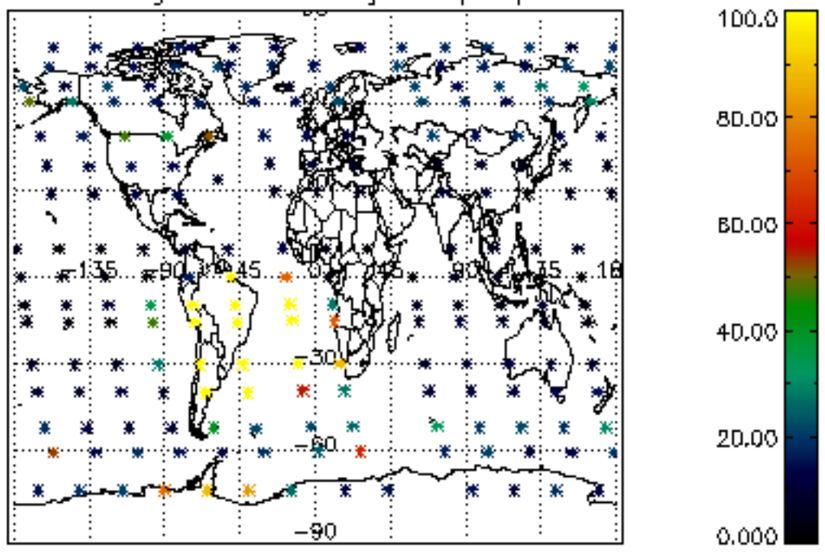




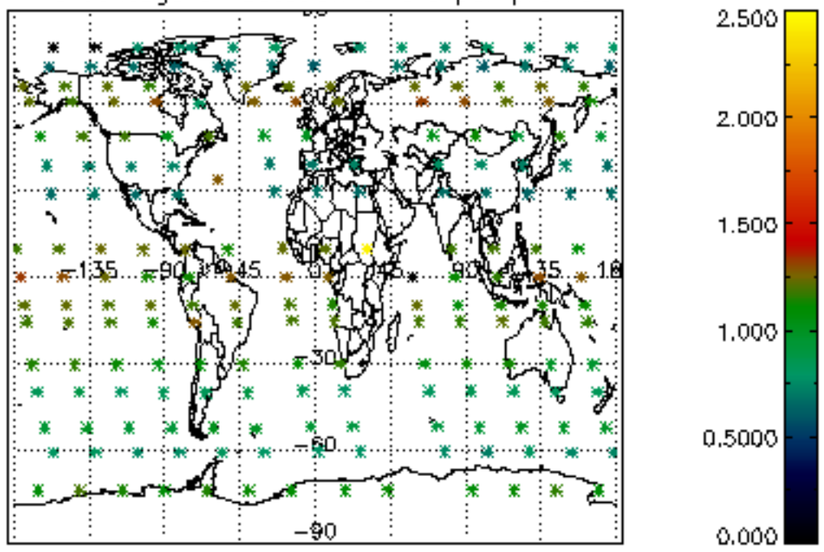

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
100
80
60
40
20
0
value (%)
00:00.00 29/04/2003
04:00.00 29/04/2003
08:00.00 29/04/2003
12:00.00 29/04/2003
16:00.00 29/04/2003
20:00.00 29/04/2003
00:00.00 30/04/2003
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:
50
40
30
20
10
0
value (%)
00:00.00
29/04/2003
04:00.00
29/04/2003
08:00.00
29/04/2003
12:00.00
29/04/2003
16:00.00
29/04/2003
20:00.00
29/04/2003
00:00.00
30/04/2003
Time

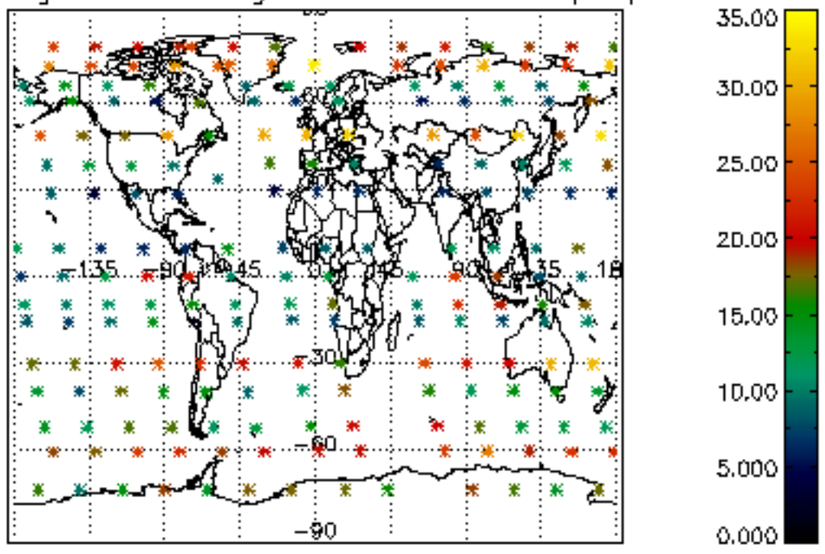
Percentage of cosmic ray hits per profile



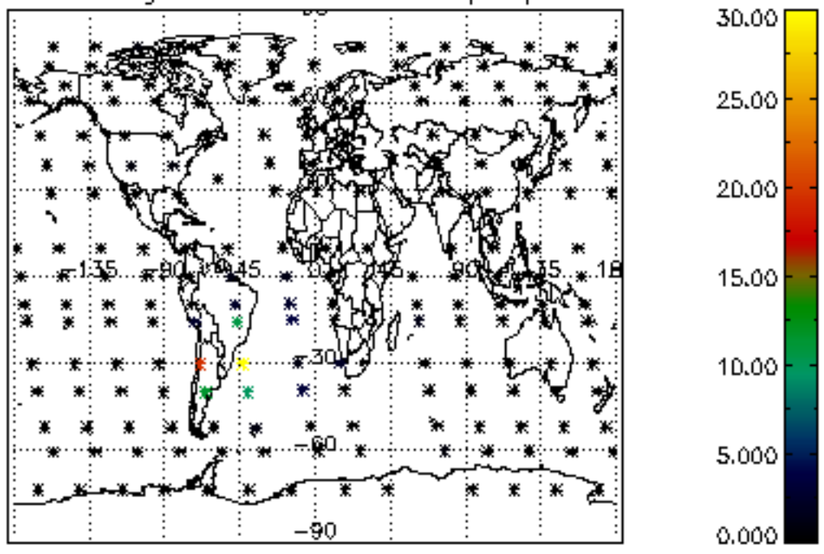
Percentage of datation errors per profile

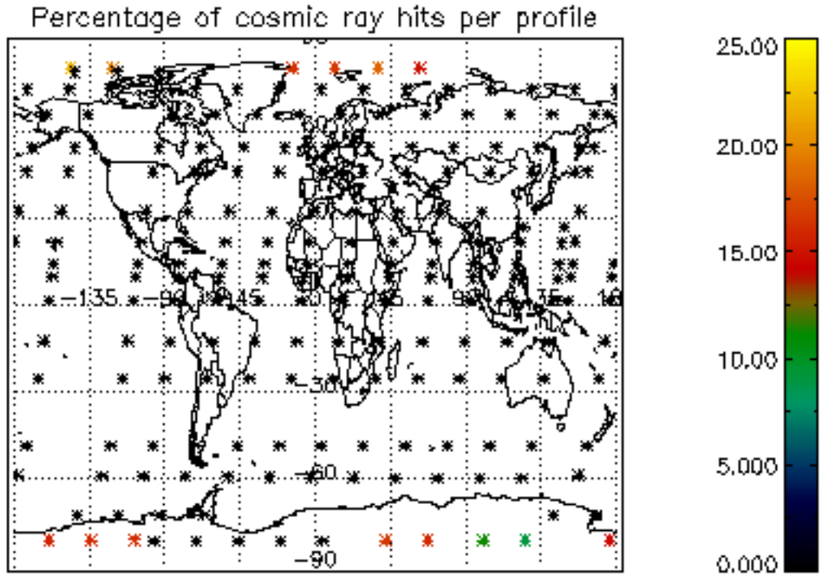


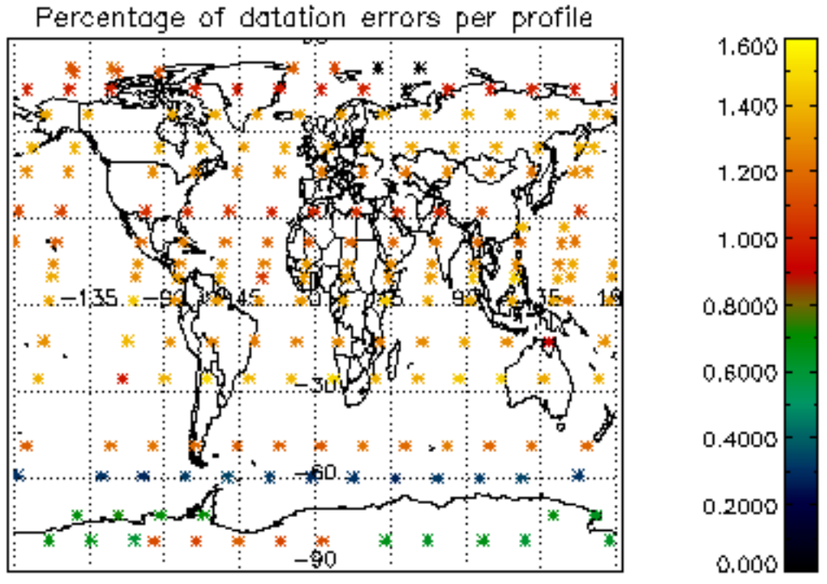
Percentage of star falling outside central band per profile

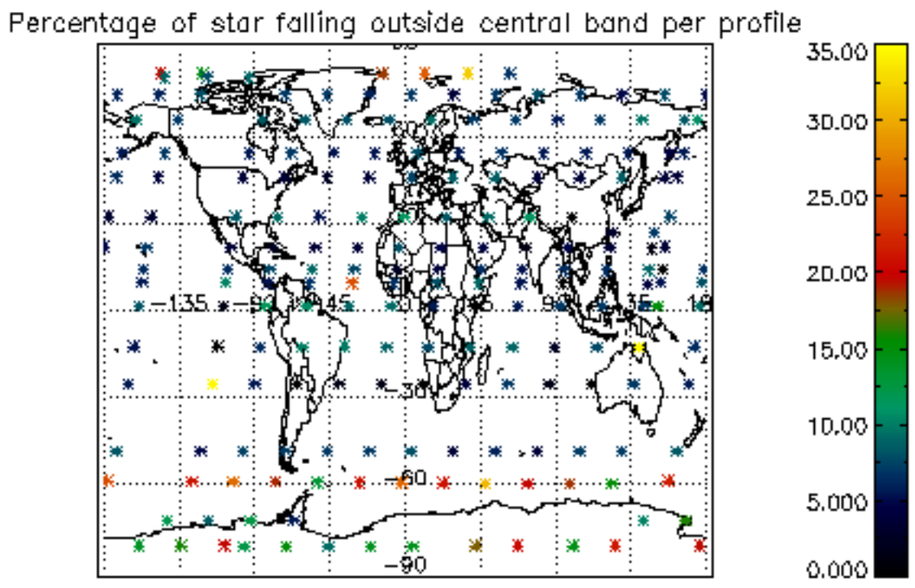


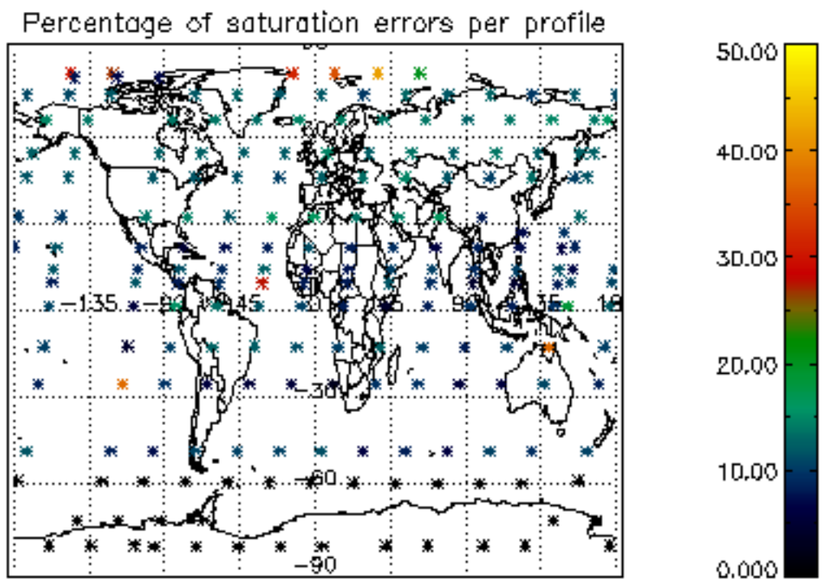
Percentage of saturation errors per profile

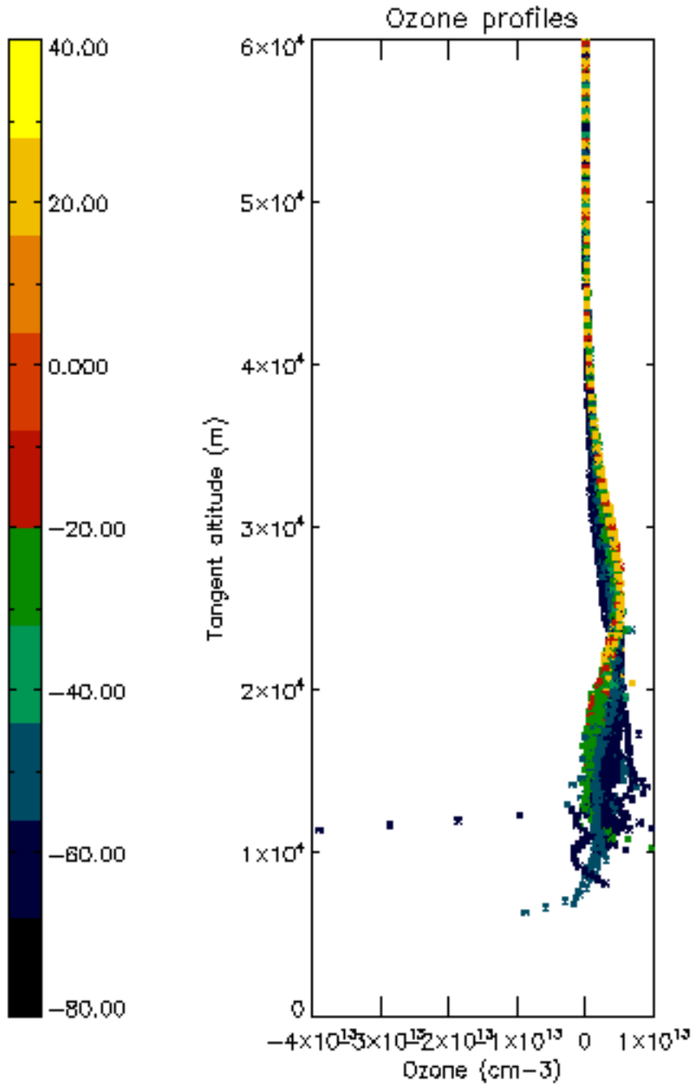


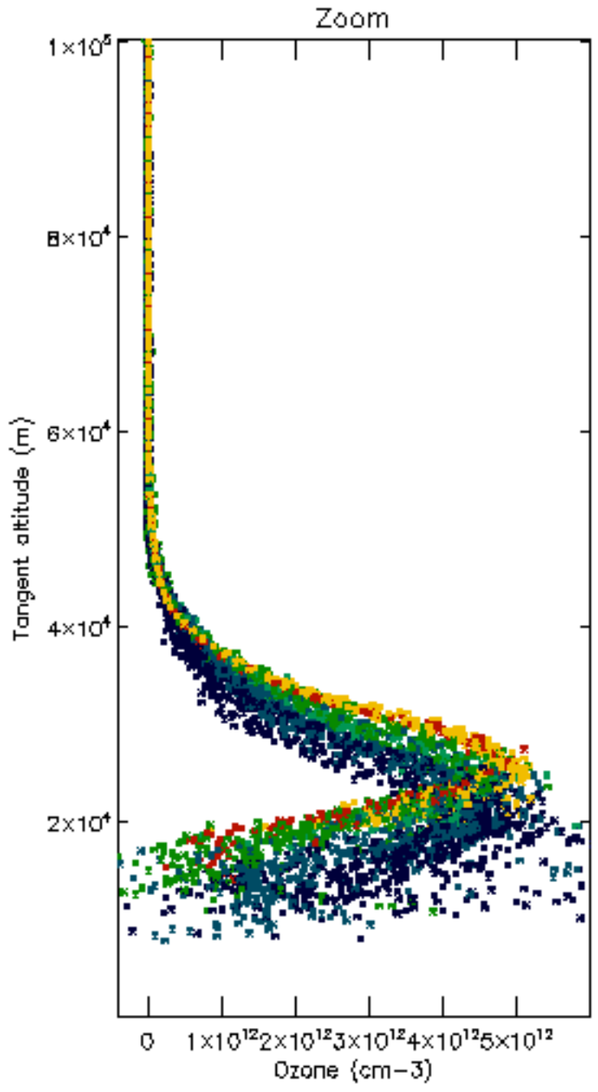

Percentage of cosmic ray hits per profile
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−45
−30
−60
−90

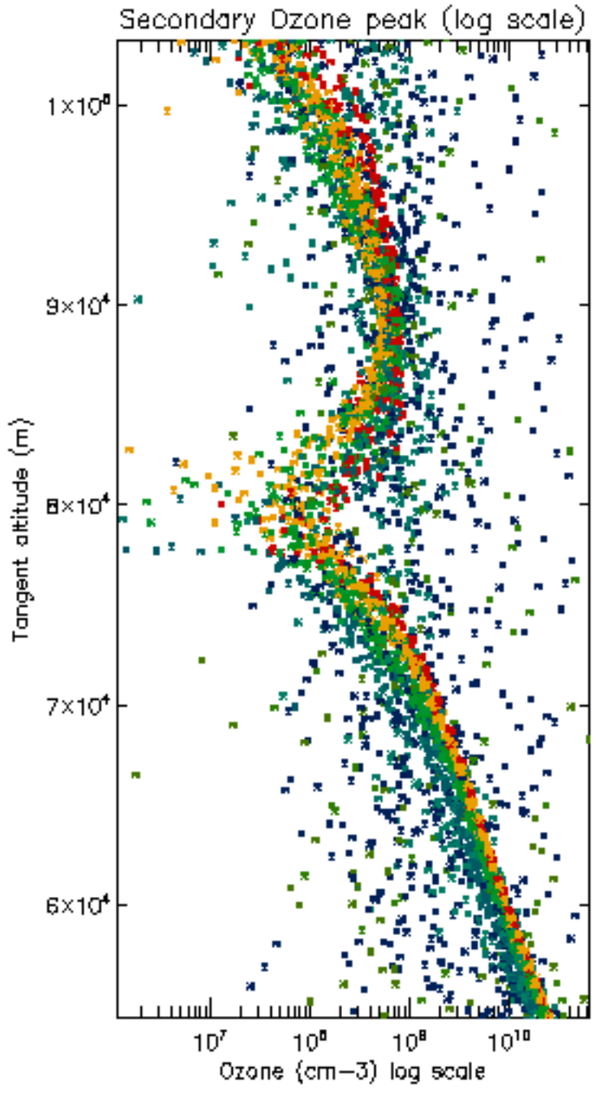

Percentage of datation errors per profile
1.600
1.400
1.200
1.000
0.8000
0.6000
0.4000
0.2000
0.000
−135
−90
−45
−30
−60
−90

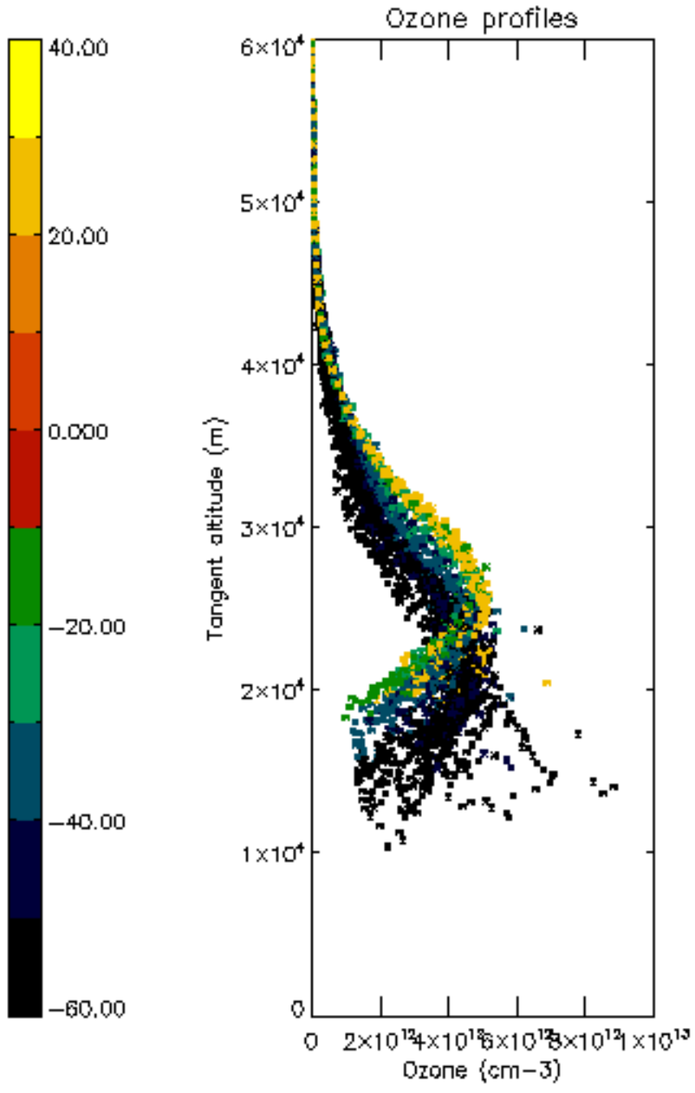

Percentage of star falling outside central band per profile
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−45
−30
−60
−90


Percentage of saturation errors per profile
50.00
40.00
30.00
20.00
10.00
0.000
−135
−90
−45
−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 −3×10¹³ −2×10¹³ −1×10¹³ 0 1×10¹³
Ozone (cm−3)

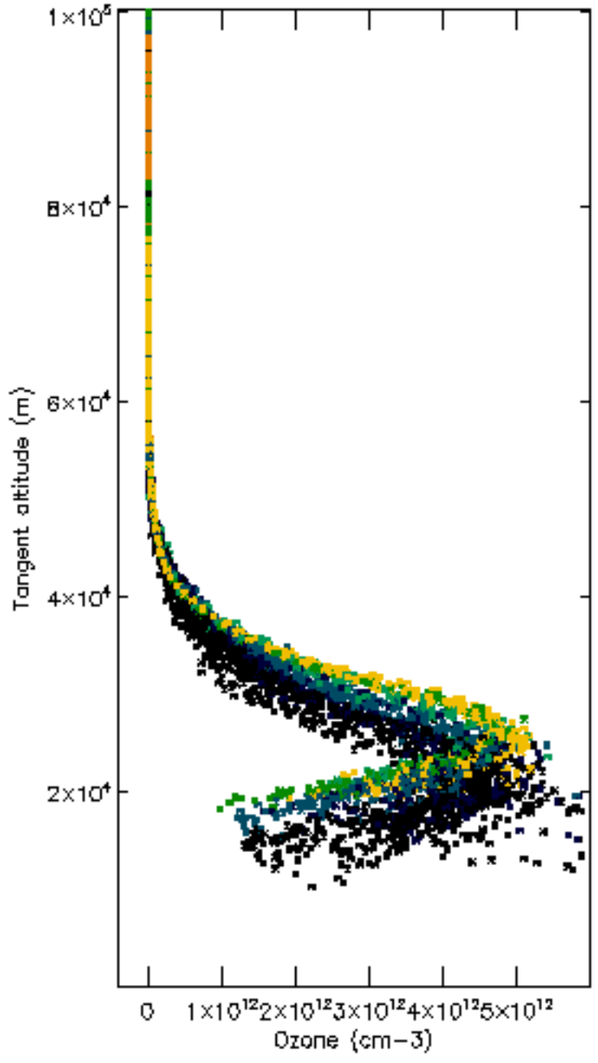

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0 1×10¹² 2×10¹² 3×10¹² 4×10¹² 5×10¹²
Ozone (cm−3)


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

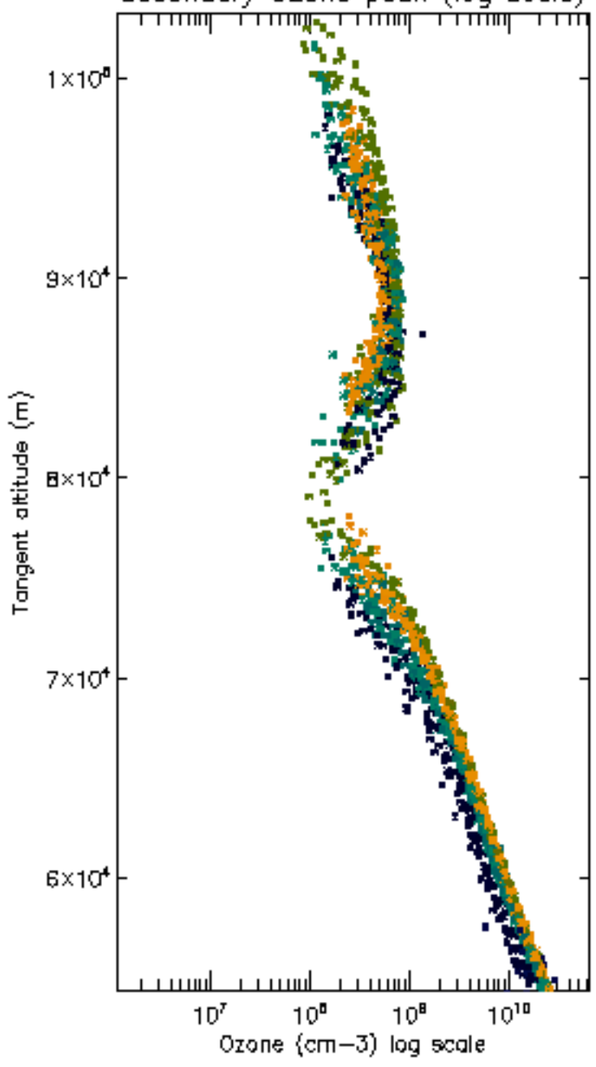


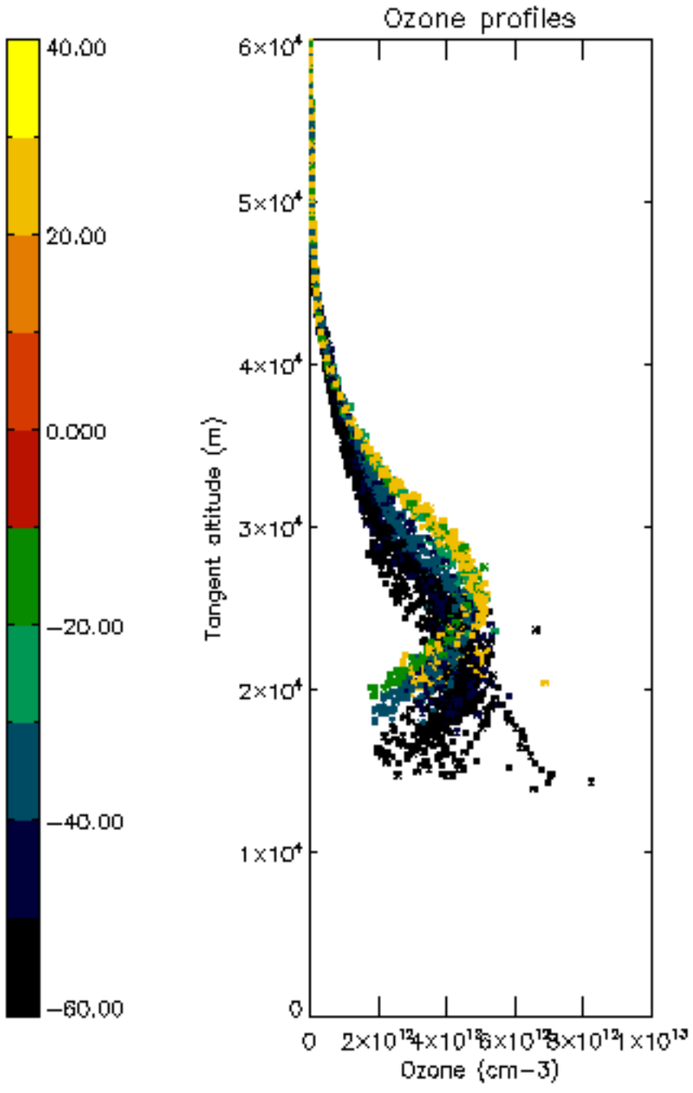
Ozone profiles

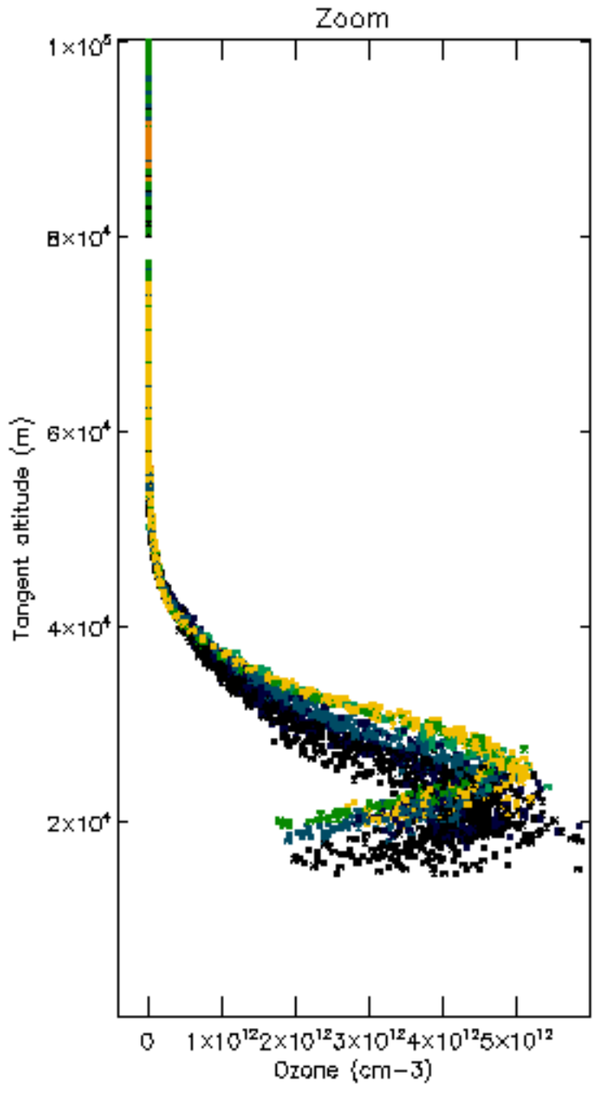
Zoom

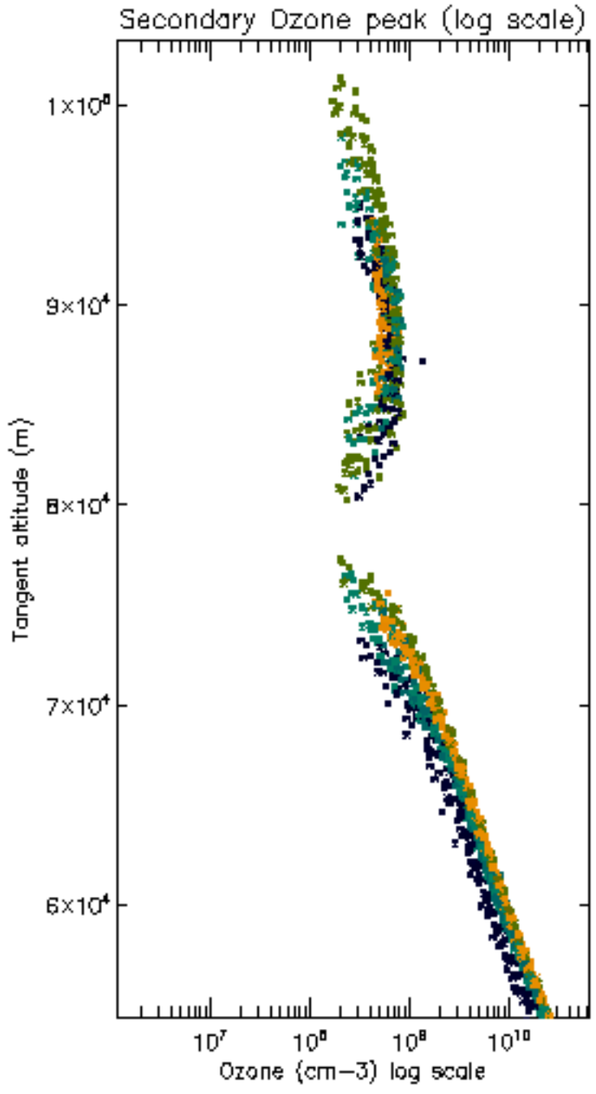


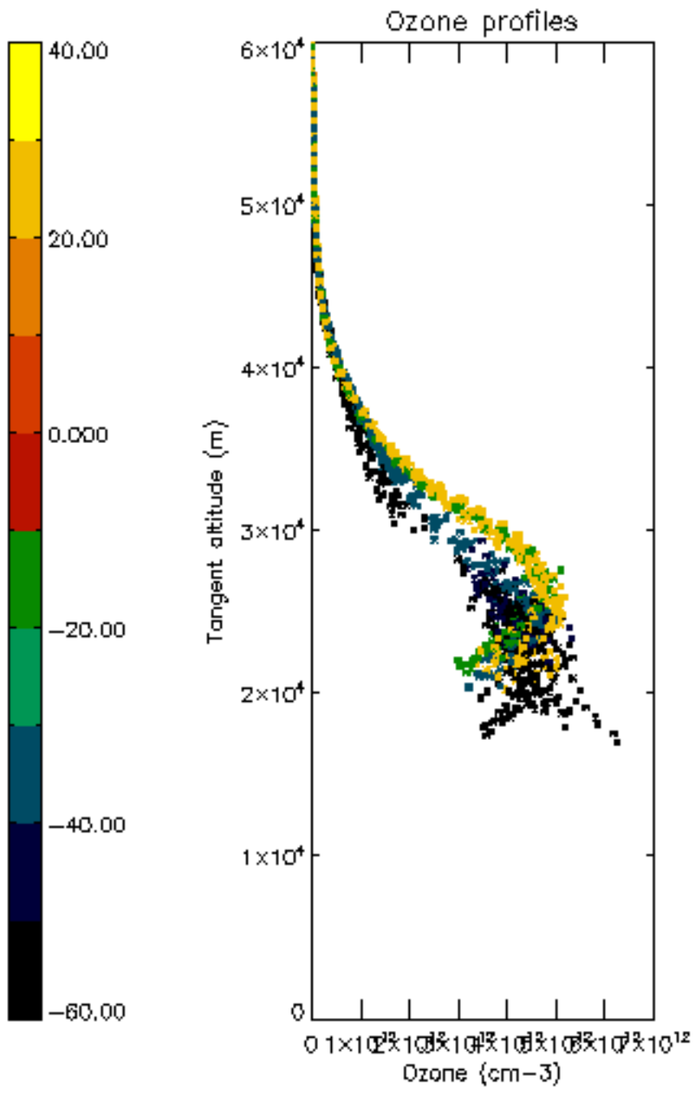
Secondary Ozone peak (log scale)




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

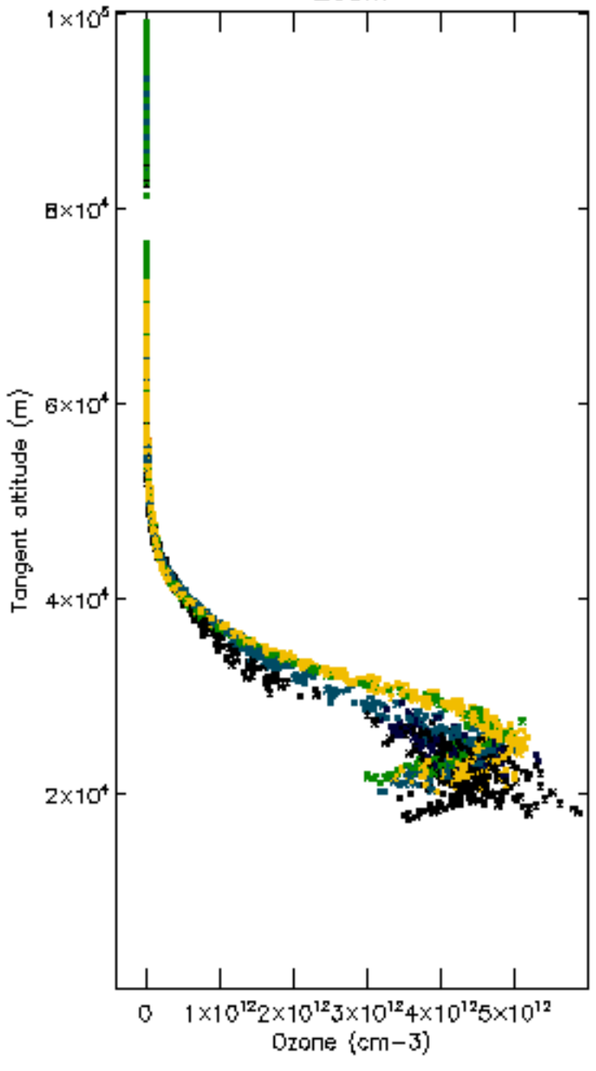

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
Ozone (cm−3)


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

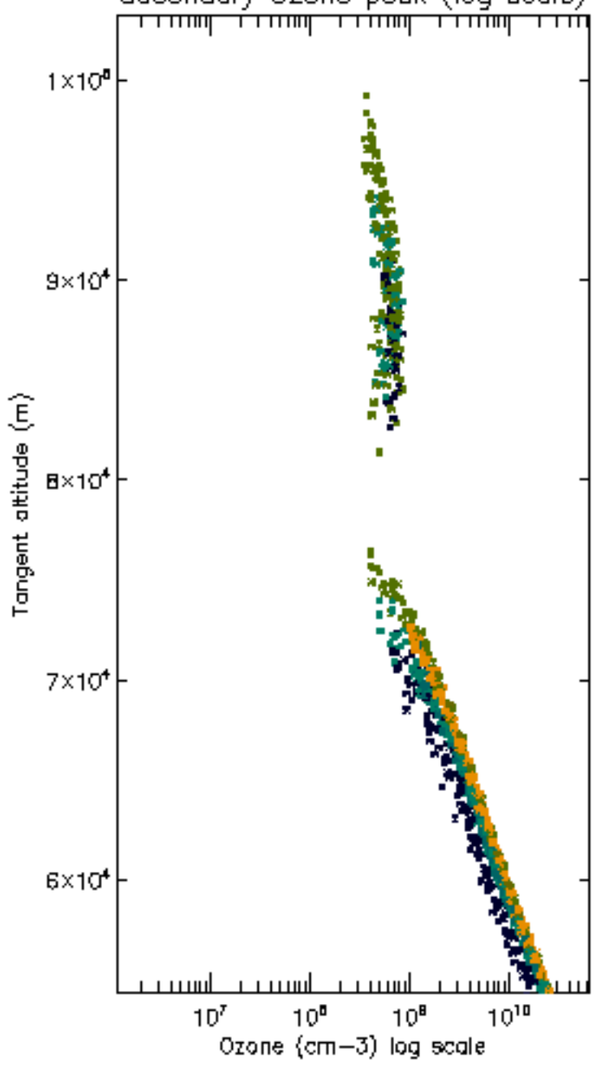


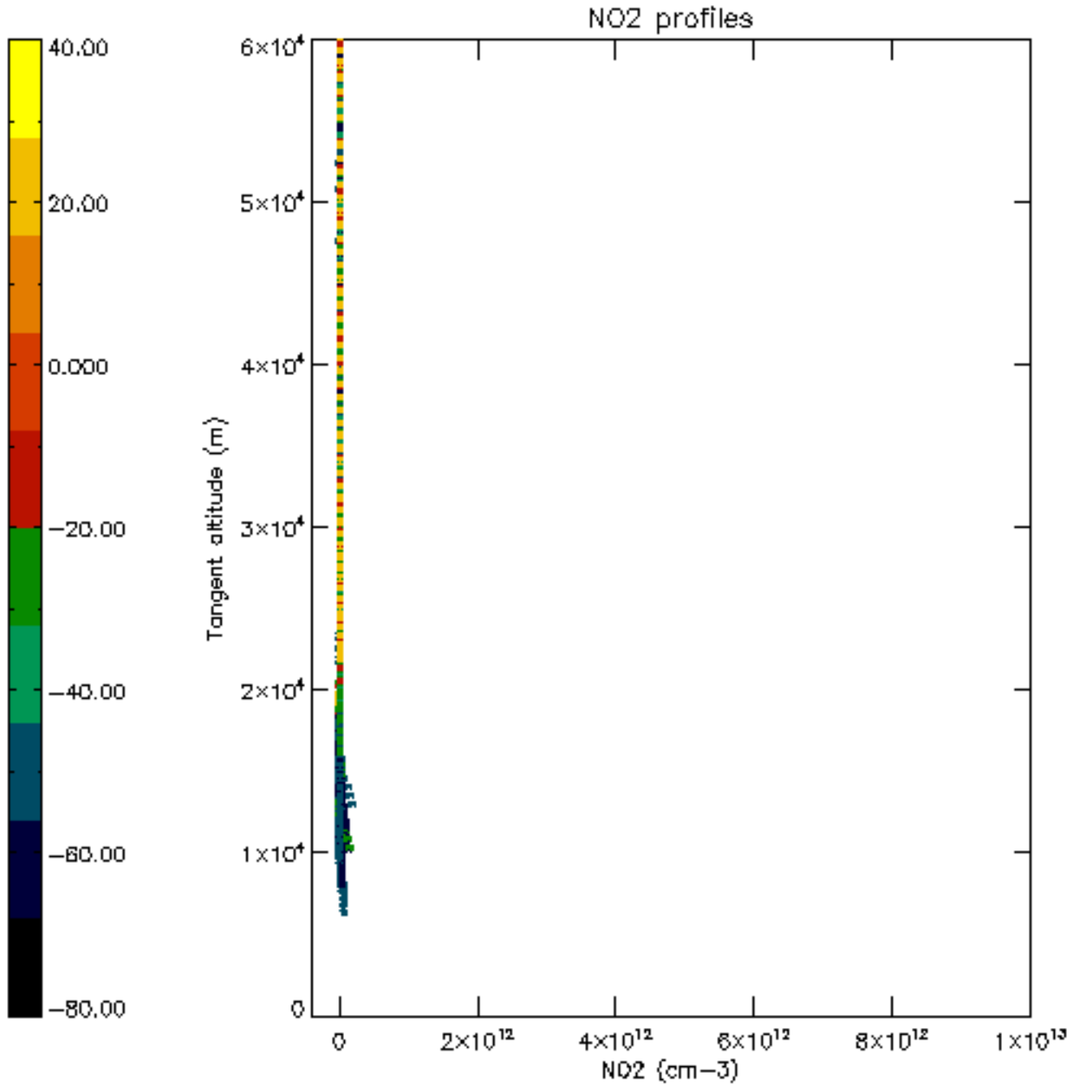
Ozone profiles

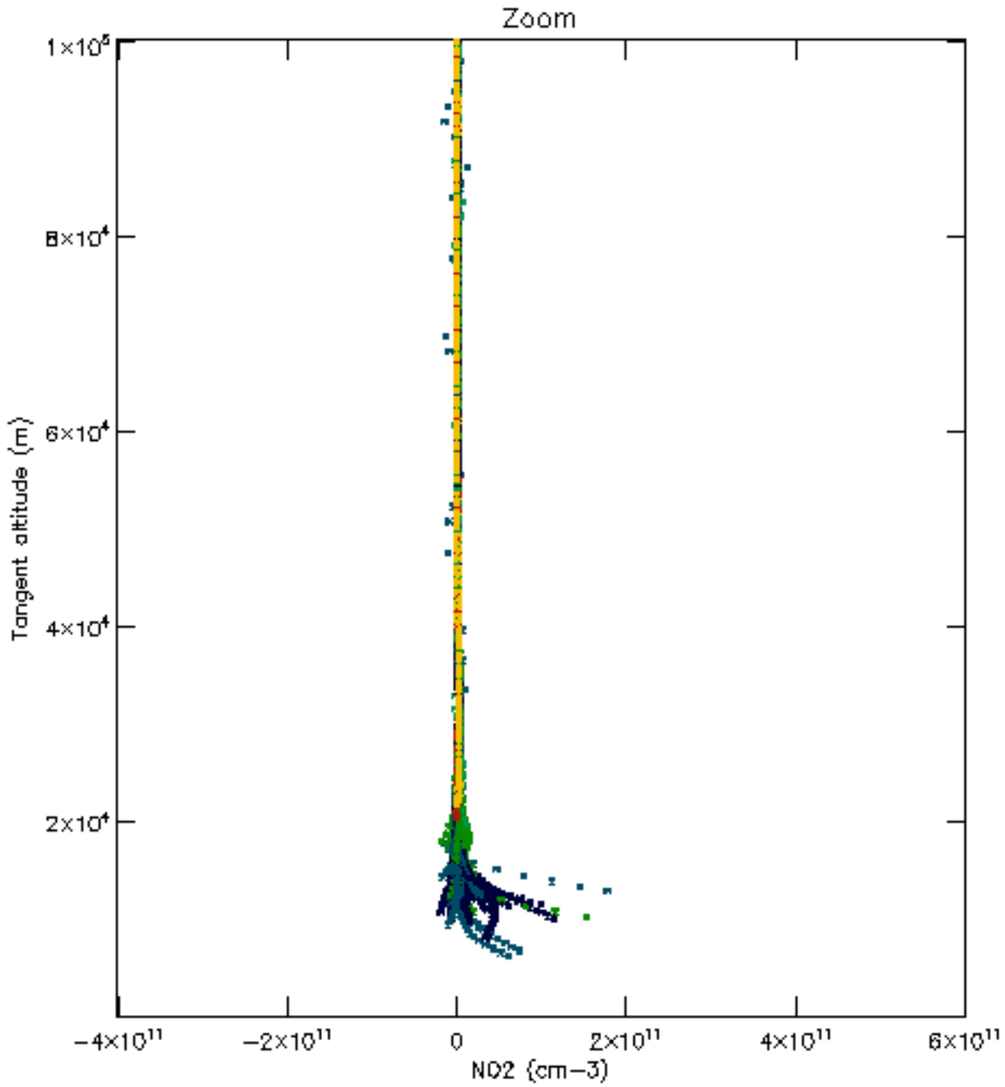
Zoom

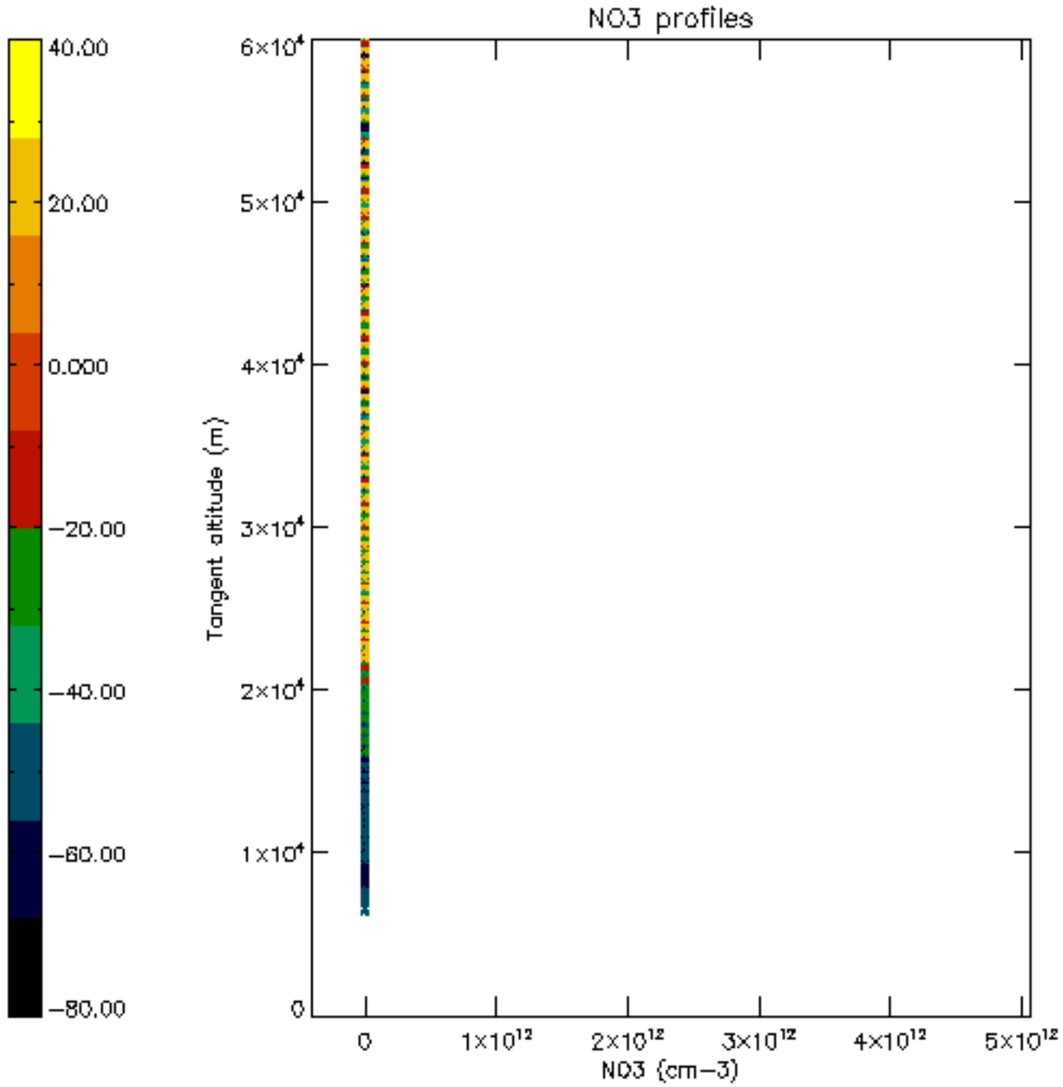


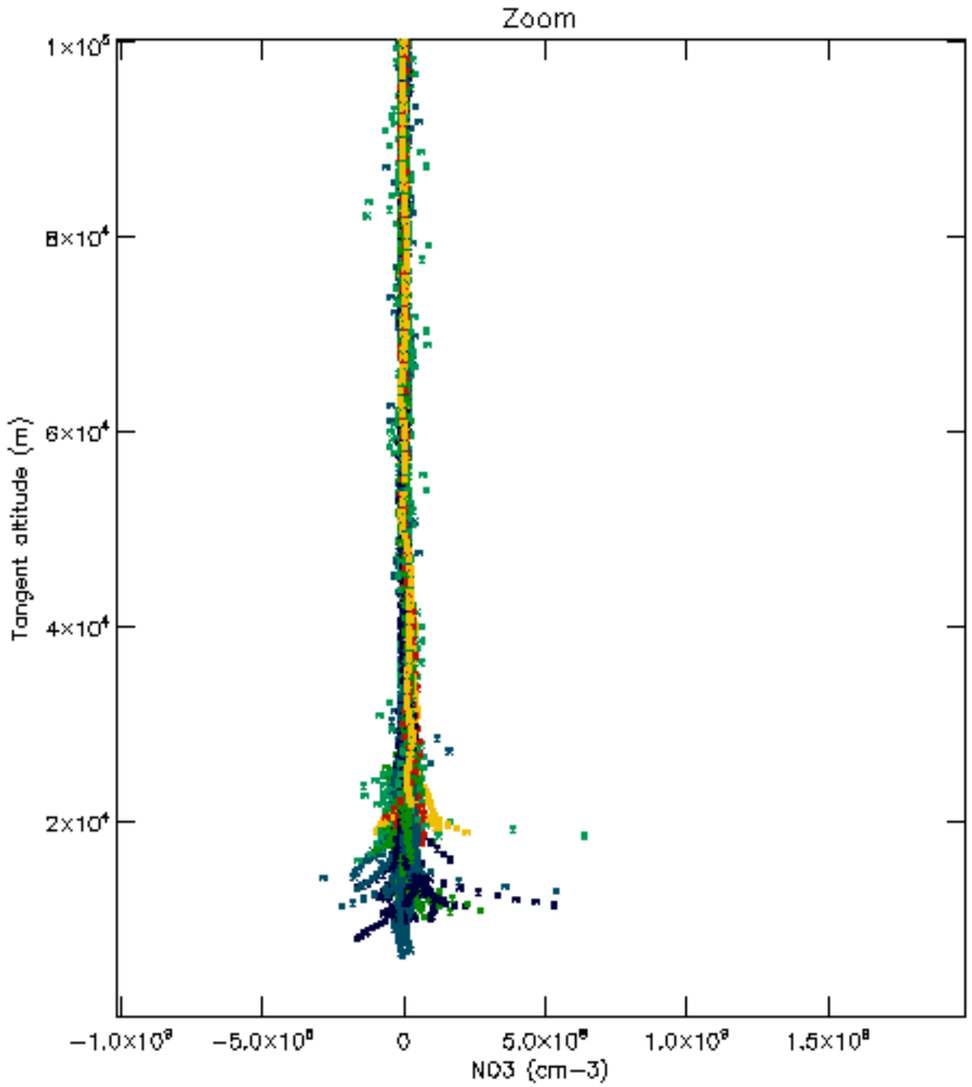
Secondary Ozone peak (log scale)

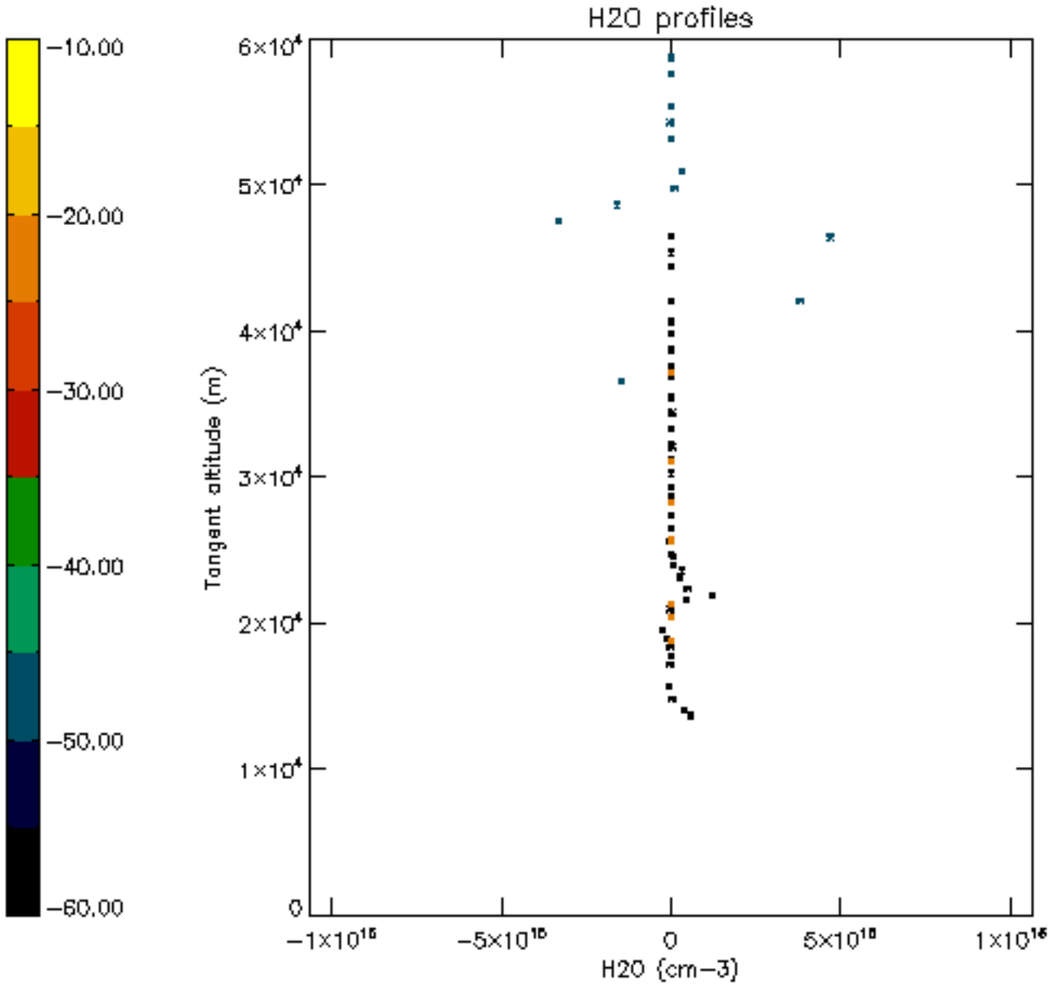


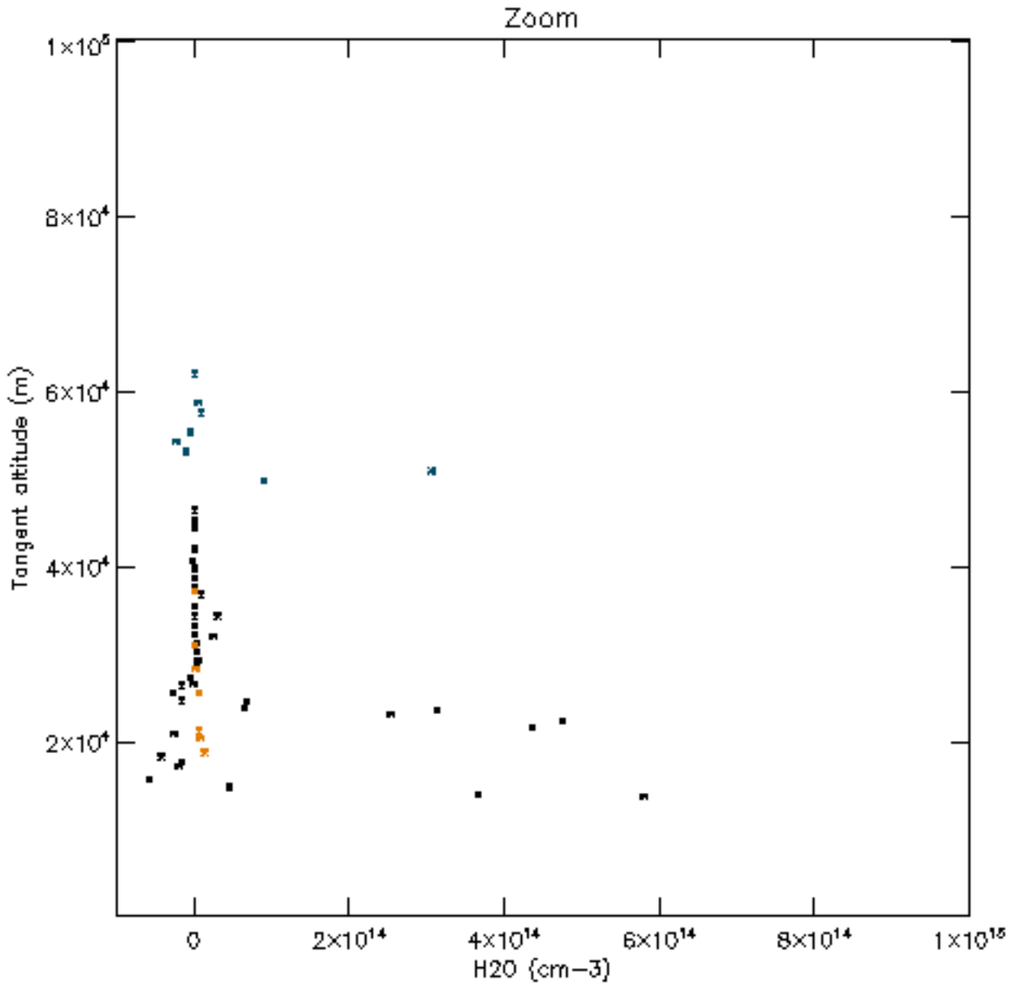

NO2 profiles
40.00
20.00
0.000
−20.00
−40.00
−60.00
−80.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
0
2×10¹²
4×10¹²
6×10¹²
8×10¹²
1×10¹³
NO2 (cm−3)


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
−1.0×10⁸
−5.0×10⁷
0
5.0×10⁷
1.0×10⁸
1.5×10⁸
NO3 (cm−3)


H2O profiles
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
−1×10¹⁶
−5×10¹⁵
0
5×10¹⁵
1×10¹⁶
H2O (cm−3)


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