

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

[2. Summary of processed GOM_NL_2P products](#)

[3. Level 2 Quality information per product](#)

[3.1 Plot of level 2 quality information per product \(time dependant\)](#)

[3.2 Plot of level 2 quality information per product \(world map\)](#)

[4. Level 1 Quality information per product \(stored on level 2 products\)](#)

[4.1 Plot of level 1 quality information per product \(time dependant\)](#)

[4.1.1 Plot of level 1 quality information per product \(time dependant\): ASCENDING](#)

[4.1.2 Plot of level 1 quality information per product \(time dependant\): DESCENDING](#)

[4.2 Plot of level 1 quality information per product \(world map\)](#)

[4.2.1 Plot of level 1 quality information per product \(world map\): ASCENDING](#)

[4.2.2 Plot of level 1 quality information per product \(world map\): DESCENDING](#)

[5. Ozone profiles based on quality statistics and other trace gas profiles](#)

[5.1 Ozone statistics based on quality of products](#)

[5.2 Plot ozone profiles for all STD \(dark without errors\)](#)

[5.3 Plot ozone profiles where STD < 20% \(dark without errors\)](#)

[5.4. Plot ozone profiles where STD < 10% \(dark without errors\)](#)

[5.5. Plot ozone profiles where STD < 5% \(dark without errors\)](#)

[5.6 Plot NO2 profiles for all STD \(dark without errors\)](#)

[5.7 Plot NO3 profiles for all STD \(dark without errors\)](#)

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

[6. Auxiliary Data Files used for the production reported in section 2](#)

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

Item	Value
Time of report generation	25APR2013 19:19:03
Data source version	GOMOS/6.01
Start time of products	27-08-2008 (27AUG2008 00:00:00)
Stop time of products	28-08-2008 (28AUG2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	304
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__2PRFIN20080827_000629_000000432071_00317_33938_9255.N1	27-AUG-2008 00:06:29	Straylight	43.000	31	Alp Gru	1.7340	15200.	86	33938	No
2	GOM_NL__2PRFIN20080827_001032_000000452071_00317_33938_9256.N1	27-AUG-2008 00:10:32	Straylight	44.500	18	24Alp PsA	1.1660	9700.0	89	33938	No
3	GOM_NL__2PRFIN20080827_001533_000000542071_00317_33938_9257.N1	27-AUG-2008 00:15:33	Bright	53.500	142	49Del Cap	2.8500	8900.0	107	33938	No
4	GOM_NL__2PRFIN20080827_001845_000000382071_00317_33938_9258.N1	27-AUG-2008 00:18:45	Bright	37.500	154	22Bet Aqr	2.8990	5700.0	75	33938	No
5	GOM_NL__2PRFIN20080827_002021_000000412071_00317_33938_9259.N1	27-AUG-2008 00:20:21	Bright	41.000	162	34Alp Aqr	2.9440	5350.0	82	33938	No
6	GOM_NL__2PRFIN20080827_002323_000000402071_00317_33938_9260.N1	27-AUG-2008 00:23:23	Bright	39.500	61	8Eps Peg	2.1000	3900.0	79	33938	No
7	GOM_NL__2PRFIN20080827_003009_000000362071_00317_33938_9261.N1	27-AUG-2008 00:30:09	Bright	36.000	92	53Eps Cyg	2.5000	4500.0	72	33938	No
8	GOM_NL__2PRFIN20080827_003157_000000342071_00317_33938_9262.N1	27-AUG-2008 00:31:57	Bright	34.000	66	37Gam Cyg	2.2080	5900.0	68	33938	No
9	GOM_NL__2PRFIN20080827_003320_000000332071_00317_33938_9263.N1	27-AUG-2008 00:33:20	Bright	33.000	19	50Alp Cyg	1.2460	10500.	66	33938	No
10	GOM_NL__2PRFIN20080827_003826_000000372071_00317_33938_9264.N1	27-AUG-2008 00:38:26	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	33938	No
11	GOM_NL__2PRFIN20080827_004558_000000342071_00317_33938_9265.N1	27-AUG-2008 00:45:58	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	33938	No
12	GOM_NL__2PRFIN20080827_010245_000000372071_00317_33938_9266.N1	27-AUG-2008 01:02:45	Bright	36.500	24	66Alp Gem	1.5800	10200.	73	33938	No
13	GOM_NL__2PRFIN20080827_010629_000000492071_00317_33938_9267.N1	27-AUG-2008 01:06:29	Twilight	49.000	151	13Mu Gem	2.8900	3000.0	98	33938	No
14	GOM_NL__2PRFIN20080827_010810_000000462071_00317_33938_9268.N1	27-AUG-2008 01:08:10	Twilight	46.000	44	24Gam Gem	1.9280	11000.	92	33938	No
15	GOM_NL__2PRFIN20080827_011018_000000452071_00317_33938_9269.N1	27-AUG-2008 01:10:18	Dark	45.000	8	10Alp CMi	0.40000	6500.0	90	33938	No
16	GOM_NL__2PRFIN20080827_011738_000000522071_00317_33938_9270.N1	27-AUG-2008 01:17:38	Dark	51.500	1	9Alp CMa	-1.4400	11000.	103	33938	No
17	GOM_NL__2PRFIN20080827_012030_000000432071_00317_33938_9271.N1	27-AUG-2008 01:20:30	Dark	43.000	23	21Eps CMa	1.5020	26000.	86	33938	No
18	GOM_NL__2PRFIN20080827_012159_000000402071_00317_33938_9272.N1	27-AUG-2008 01:21:59	Dark	39.500	177	1Zet CMa	3.0220	26000.	79	33938	No
19	GOM_NL__2PRFIN20080827_012719_000000532071_00317_33938_9273.N1	27-AUG-2008 01:27:19	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	33938	No
20	GOM_NL__2PRFIN20080827_013841_000000432071_00318_33939_9448.N1	27-AUG-2008 01:38:41	Dark	43.000	9	Alp Eri	0.45300	24000.	86	33939	No
21	GOM_NL__2PRFIN20080827_014705_000000402071_00318_33939_9449.N1	27-AUG-2008 01:47:05	Straylight	40.000	31	Alp Gru	1.7340	15200.	80	33939	No
22	GOM_NL__2PRFIN20080827_015108_000000452071_00318_33939_9450.N1	27-AUG-2008 01:51:08	Straylight	44.500	18	24Alp PsA	1.1660	9700.0	89	33939	No
23	GOM_NL__2PRFIN20080827_015609_000000432071_00318_33939_9451.N1	27-AUG-2008 01:56:09	Bright	42.500	142	49Del Cap	2.8500	8900.0	85	33939	No
24	GOM_NL__2PRFIN20080827_015921_000000382071_00318_33939_9452.N1	27-AUG-2008 01:59:21	Bright	38.000	154	22Bet Aqr	2.8990	5700.0	76	33939	No
25	GOM_NL__2PRFIN20080827_020057_000000422071_00318_33939_9453.N1	27-AUG-2008 02:00:57	Bright	42.000	162	34Alp Aqr	2.9440	5350.0	84	33939	No
26	GOM_NL__2PRFIN20080827_020359_000000402071_00318_33939_9454.N1	27-AUG-2008 02:03:59	Bright	39.500	61	8Eps Peg	2.1000	3900.0	79	33939	No
27	GOM_NL__2PRFIN20080827_021044_000000342071_00318_33939_9455.N1	27-AUG-2008 02:10:44	Bright	33.500	92	53Eps Cyg	2.5000	4500.0	67	33939	No
28	GOM_NL__2PRFIN20080827_021233_000000342071_00318_33939_9456.N1	27-AUG-2008 02:12:33	Bright	33.500	66	37Gam Cyg	2.2080	5900.0	67	33939	No
29	GOM_NL__2PRFIN20080827_021356_000000372071_00318_33939_9457.N1	27-AUG-2008 02:13:56	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	33939	No
30	GOM_NL__2PRFIN20080827_021902_000000352071_00318_33939_9458.N1	27-AUG-2008 02:19:02	Bright	34.500	89	5Alp Cep	2.4510	8000.0	69	33939	No
31	GOM_NL__2PRFIN20080827_022634_000000332071_00318_33939_9459.N1	27-AUG-2008 02:26:34	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	33939	No
32	GOM_NL__2PRFIN20080827_024321_000000372071_00318_33939_9460.N1	27-AUG-2008 02:43:21	Bright	37.000	24	66Alp Gem	1.5800	10200.	74	33939	No
33	GOM_NL__2PRFIN20080827_024705_000000512071_00318_33939_9461.N1	27-AUG-2008 02:47:05	Twilight	51.000	151	13Mu Gem	2.8900	3000.0	102	33939	No
34	GOM_NL__2PRFIN20080827_024846_000000432071_00318_33939_9462.N1	27-AUG-2008 02:48:46	Twilight	43.000	44	24Gam Gem	1.9280	11000.	86	33939	No
35	GOM_NL__2PRFIN20080827_025054_000000442071_00318_33939_9463.N1	27-AUG-2008 02:50:54	Dark	43.500	8	10Alp CMi	0.40000	6500.0	87	33939	No
36	GOM_NL__2PRFIN20080827_025815_000000482071_00318_33939_9464.N1	27-AUG-2008 02:58:15	Dark	48.000	1	9Alp CMa	-1.4400	11000.	96	33939	No
37	GOM_NL__2PRFIN20080827_025939_000000382071_00318_33939_9465.N1	27-AUG-2008 02:59:39	Dark	38.000	179	24Omi2CMa	3.0320	24000.	76	33939	No
38	GOM_NL__2PRFIN20080827_030107_000000432071_00318_33939_9466.N1	27-AUG-2008 03:01:07	Dark	42.500	23	21Eps CMa	1.5020	26000.	85	33939	No
39	GOM_NL__2PRFIN20080827_030755_000000522071_00318_33939_9467.N1	27-AUG-2008 03:07:55	Dark	51.500	2	Alp Car	-0.73600	7000.0	103	33939	No
40	GOM_NL__2PRFIN20080827_031918_000000432071_00319_33940_9455.N1	27-AUG-2008 03:19:18	Dark	43.000	9	Alp Eri	0.45300	24000.	86	33940	No
41	GOM_NL__2PRFIN20080827_032742_000000392071_00319_33940_9456.N1	27-AUG-2008 03:27:42	Straylight	38.500	31	Alp Gru	1.7340	15200.	77	33940	No
42	GOM_NL__2PRFIN20080827_033145_000000482071_00319_33940_9457.N1	27-AUG-2008 03:31:45	Straylight	47.500	18	24Alp PsA	1.1660	9700.0	95	33940	No

43	GOM_NL__2PRFIN20080827_033645_000000472071_00319_33940_9458.N1	27-AUG-2008 03:36:45	Bright	47.000	142	49Del Cap	2.8500	8900.0	94	33940	No
44	GOM_NL__2PRFIN20080827_033957_000000392071_00319_33940_9459.N1	27-AUG-2008 03:39:57	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	33940	No
45	GOM_NL__2PRFIN20080827_034133_000000422071_00319_33940_9460.N1	27-AUG-2008 03:41:33	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	33940	No
46	GOM_NL__2PRFIN20080827_034435_000000392071_00319_33940_9461.N1	27-AUG-2008 03:44:35	Bright	39.000	61	8Eps Peg	2.1000	3900.0	78	33940	No
47	GOM_NL__2PRFIN20080827_035120_000000352071_00319_33940_9462.N1	27-AUG-2008 03:51:20	Bright	34.500	92	53Eps Cyg	2.5000	4500.0	69	33940	No
48	GOM_NL__2PRFIN20080827_035309_000000352071_00319_33940_9463.N1	27-AUG-2008 03:53:09	Bright	34.500	66	37Gam Cyg	2.2080	5900.0	69	33940	No
49	GOM_NL__2PRFIN20080827_035432_000000342071_00319_33940_9464.N1	27-AUG-2008 03:54:32	Bright	34.000	19	50Alp Cyg	1.2460	10500.	68	33940	No
50	GOM_NL__2PRFIN20080827_035938_000000362071_00319_33940_9465.N1	27-AUG-2008 03:59:38	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	33940	No
51	GOM_NL__2PRFIN20080827_040710_000000342071_00319_33940_9466.N1	27-AUG-2008 04:07:10	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	33940	No
52	GOM_NL__2PRFIN20080827_042357_000000522071_00319_33940_9467.N1	27-AUG-2008 04:23:57	Bright	52.000	24	66Alp Gem	1.5800	10200.	104	33940	No
53	GOM_NL__2PRFIN20080827_042741_000000472071_00319_33940_9468.N1	27-AUG-2008 04:27:41	Twilight	47.000	151	13Mu Gem	2.8900	3000.0	94	33940	No
54	GOM_NL__2PRFIN20080827_042923_000000492071_00319_33940_9469.N1	27-AUG-2008 04:29:23	Twilight	49.000	44	24Gam Gem	1.9280	11000.	98	33940	No
55	GOM_NL__2PRFIN20080827_043130_000000482071_00319_33940_9470.N1	27-AUG-2008 04:31:30	Twilight	47.500	8	10Alp CMi	0.40000	6500.0	95	33940	No
56	GOM_NL__2PRFIN20080827_043851_000000452071_00319_33940_9471.N1	27-AUG-2008 04:38:51	Dark	45.000	1	9Alp CMa	-1.4400	11000.	90	33940	No
57	GOM_NL__2PRFIN20080827_044015_000000392071_00319_33940_9472.N1	27-AUG-2008 04:40:15	Dark	38.500	179	24Omi2CMa	3.0320	24000.	77	33940	No
58	GOM_NL__2PRFIN20080827_044143_000000412071_00319_33940_9473.N1	27-AUG-2008 04:41:43	Dark	40.500	23	21Eps CMa	1.5020	26000.	81	33940	No
59	GOM_NL__2PRFIN20080827_044312_000000402071_00319_33940_9474.N1	27-AUG-2008 04:43:12	Dark	40.000	177	1Zet CMa	3.0220	26000.	80	33940	No
60	GOM_NL__2PRFIN20080827_044831_000000532071_00319_33940_9475.N1	27-AUG-2008 04:48:31	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	33940	No
61	GOM_NL__2PRFIN20080827_045954_000000462071_00320_33941_9460.N1	27-AUG-2008 04:59:54	Dark	45.500	9	Alp Eri	0.45300	24000.	91	33941	No
62	GOM_NL__2PRFIN20080827_050818_000000412071_00320_33941_9461.N1	27-AUG-2008 05:08:18	Straylight	40.500	31	Alp Gru	1.7340	15200.	81	33941	No
63	GOM_NL__2PRFIN20080827_051221_000000492071_00320_33941_9462.N1	27-AUG-2008 05:12:21	Straylight	49.000	18	24Alp PsA	1.1660	9700.0	98	33941	No
64	GOM_NL__2PRFIN20080827_051721_000000552071_00320_33941_9463.N1	27-AUG-2008 05:17:21	Bright	55.000	142	49Del Cap	2.8500	8900.0	110	33941	No
65	GOM_NL__2PRFIN20080827_052033_000000372071_00320_33941_9464.N1	27-AUG-2008 05:20:33	Bright	36.500	154	22Bet Aqr	2.8990	5700.0	73	33941	No
66	GOM_NL__2PRFIN20080827_052209_000000422071_00320_33941_9465.N1	27-AUG-2008 05:22:09	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	33941	No
67	GOM_NL__2PRFIN20080827_052511_000000412071_00320_33941_9466.N1	27-AUG-2008 05:25:11	Bright	41.000	61	8Eps Peg	2.1000	3900.0	82	33941	No
68	GOM_NL__2PRFIN20080827_053157_000000372071_00320_33941_9467.N1	27-AUG-2008 05:31:57	Bright	37.000	92	53Eps Cyg	2.5000	4500.0	74	33941	No
69	GOM_NL__2PRFIN20080827_053345_000000372071_00320_33941_9468.N1	27-AUG-2008 05:33:45	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	33941	No
70	GOM_NL__2PRFIN20080827_053508_000000522071_00320_33941_9469.N1	27-AUG-2008 05:35:08	Bright	52.000	19	50Alp Cyg	1.2460	10500.	104	33941	No
71	GOM_NL__2PRFIN20080827_054014_000000372071_00320_33941_9470.N1	27-AUG-2008 05:40:14	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	33941	No
72	GOM_NL__2PRFIN20080827_054746_000000362071_00320_33941_9471.N1	27-AUG-2008 05:47:46	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33941	No
73	GOM_NL__2PRFIN20080827_060434_000000372071_00320_33941_9472.N1	27-AUG-2008 06:04:34	Bright	36.500	24	66Alp Gem	1.5800	10200.	73	33941	No
74	GOM_NL__2PRFIN20080827_060817_000000472071_00320_33941_9473.N1	27-AUG-2008 06:08:17	Twilight	47.000	151	13Mu Gem	2.8900	3000.0	94	33941	No
75	GOM_NL__2PRFIN20080827_060959_000000472071_00320_33941_9474.N1	27-AUG-2008 06:09:59	Twilight	47.000	44	24Gam Gem	1.9280	11000.	94	33941	No
76	GOM_NL__2PRFIN20080827_061207_000000432071_00320_33941_9475.N1	27-AUG-2008 06:12:07	Twilight	42.500	8	10Alp CMi	0.40000	6500.0	85	33941	No
77	GOM_NL__2PRFIN20080827_061928_000000542071_00320_33941_9476.N1	27-AUG-2008 06:19:28	Dark	54.000	1	9Alp CMa	-1.4400	11000.	108	33941	No
78	GOM_NL__2PRFIN20080827_062051_000000392071_00320_33941_9477.N1	27-AUG-2008 06:20:51	Dark	38.500	179	24Omi2CMa	3.0320	24000.	77	33941	No
79	GOM_NL__2PRFIN20080827_062220_000000422071_00320_33941_9478.N1	27-AUG-2008 06:22:20	Dark	41.500	23	21Eps CMa	1.5020	26000.	83	33941	No
80	GOM_NL__2PRFIN20080827_062349_000000422071_00320_33941_9479.N1	27-AUG-2008 06:23:49	Dark	41.500	177	1Zet CMa	3.0220	26000.	83	33941	No
81	GOM_NL__2PRFIN20080827_062908_000000472071_00320_33941_9480.N1	27-AUG-2008 06:29:08	Dark	46.500	2	Alp Car	-0.73600	7000.0	93	33941	No
82	GOM_NL__2PRFIN20080827_064031_000000422071_00321_33942_9477.N1	27-AUG-2008 06:40:31	Dark	42.000	9	Alp Eri	0.45300	24000.	84	33942	No
83	GOM_NL__2PRFIN20080827_064854_000000382071_00321_33942_9478.N1	27-AUG-2008 06:48:54	Straylight	38.000	31	Alp Gru	1.7340	15200.	76	33942	No
84	GOM_NL__2PRFIN20080827_065257_000000492071_00321_33942_9479.N1	27-AUG-2008 06:52:57	Straylight	48.500	18	24Alp PsA	1.1660	9700.0	97	33942	No
85	GOM_NL__2PRFIN20080827_065757_000000552071_00321_33942_9480.N1	27-AUG-2008 06:57:57	Bright	55.000	142	49Del Cap	2.8500	8900.0	110	33942	No
86	GOM_NL__2PRFIN20080827_070109_000000382071_00321_33942_9481.N1	27-AUG-2008 07:01:09	Bright	38.000	154	22Bet Aqr	2.8990	5700.0	76	33942	No
87	GOM_NL__2PRFIN20080827_070245_000000412071_00321_33942_9482.N1	27-AUG-2008 07:02:45	Bright	41.000	162	34Alp Aqr	2.9440	5350.0	82	33942	No
88	GOM_NL__2PRFIN20080827_070547_000000412071_00321_33942_9483.N1	27-AUG-2008 07:05:47	Bright	40.500	61	8Eps Peg	2.1000	3900.0	81	33942	No
89	GOM_NL__2PRFIN20080827_071232_000000352071_00321_33942_9484.N1	27-AUG-2008 07:12:32	Bright	35.000	92	53Eps Cyg	2.5000	4500.0	70	33942	No
90	GOM_NL__2PRFIN20080827_071421_000000362071_00321_33942_9485.N1	27-AUG-2008 07:14:21	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	33942	No
91	GOM_NL__2PRFIN20080827_071544_000000372071_00321_33942_9486.N1	27-AUG-2008 07:15:44	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	33942	No
92	GOM_NL__2PRFIN20080827_072050_000000372071_00321_33942_9487.N1	27-AUG-2008 07:20:50	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	33942	No
93	GOM_NL__2PRFIN20080827_072822_000000362071_00321_33942_9488.N1	27-AUG-2008 07:28:22	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33942	No
94	GOM_NL__2PRFIN20080827_074510_000000362071_00321_33942_9489.N1	27-AUG-2008 07:45:10	Bright	35.500	24	66Alp Gem	1.5800	10200.	71	33942	No
95	GOM_NL__2PRFIN20080827_074854_000000362071_00321_33942_9490.N1	27-AUG-2008 07:48:54	Twilight	36.000	151	13Mu Gem	2.8900	3000.0	72	33942	No
96	GOM_NL__2PRFIN20080827_075035_000000472071_00321_33942_9491.N1	27-AUG-2008 07:50:35	Twilight	47.000	44	24Gam Gem	1.9280	11000.	94	33942	No
97	GOM_NL__2PRFIN20080827_075243_000000402071_00321_33942_9492.N1	27-AUG-2008 07:52:43	Twilight	40.000	8	10Alp CMi	0.40000	6500.0	80	33942	No
98	GOM_NL__2PRFIN20080827_080004_000000482071_00321_33942_9493.N1	27-AUG-2008 08:00:04	Dark	47.500	1	9Alp CMa	-1.4400	11000.	95	33942	No
99	GOM_NL__2PRFIN20080827_080128_000000402071_00321_33942_9494.N1	27-AUG-2008 08:01:28	Dark	39.500	179	24Omi2CMa	3.0320	24000.	79	33942	No
100	GOM_NL__2PRFIN20080827_080256_000000432071_00321_33942_9495.N1	27-AUG-2008 08:02:56	Dark	42.500	23	21Eps CMa	1.5020	26000.	85	33942	No
101	GOM_NL__2PRFIN20080827_080425_000000422071_00321_33942_9496.N1	27-AUG-2008 08:04:25	Dark	41.500	177	1Zet CMa	3.0220	26000.	83	33942	No

102	GOM_NL__2PRFIN20080827_080944_000000442071_00321_33942_9497.N1	27-AUG-2008 08:09:44	Dark	44.000	2	Alp Car	-0.73600	7000.0	88	33942	No
103	GOM_NL__2PRFIN20080827_082107_000000432071_00322_33943_9561.N1	27-AUG-2008 08:21:07	Dark	42.500	9	Alp Eri	0.45300	24000.	85	33943	No
104	GOM_NL__2PRFIN20080827_082930_000000442071_00322_33943_9562.N1	27-AUG-2008 08:29:30	Straylight	43.500	31	Alp Gru	1.7340	15200.	87	33943	No
105	GOM_NL__2PRFIN20080827_083333_000000502071_00322_33943_9563.N1	27-AUG-2008 08:33:33	Straylight	49.500	18	24Alp PsA	1.1660	9700.0	99	33943	No
106	GOM_NL__2PRFIN20080827_083833_000000422071_00322_33943_9564.N1	27-AUG-2008 08:38:33	Bright	42.000	142	49Del Cap	2.8500	8900.0	84	33943	No
107	GOM_NL__2PRFIN20080827_084145_000000392071_00322_33943_9565.N1	27-AUG-2008 08:41:45	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	33943	No
108	GOM_NL__2PRFIN20080827_084321_000000422071_00322_33943_9566.N1	27-AUG-2008 08:43:21	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	33943	No
109	GOM_NL__2PRFIN20080827_084622_000000402071_00322_33943_9567.N1	27-AUG-2008 08:46:22	Bright	39.500	61	8Eps Peg	2.1000	3900.0	79	33943	No
110	GOM_NL__2PRFIN20080827_085308_000000352071_00322_33943_9568.N1	27-AUG-2008 08:53:08	Bright	35.000	92	53Eps Cyg	2.5000	4500.0	70	33943	No
111	GOM_NL__2PRFIN20080827_085457_000000382071_00322_33943_9569.N1	27-AUG-2008 08:54:57	Bright	37.500	66	37Gam Cyg	2.2080	5900.0	75	33943	No
112	GOM_NL__2PRFIN20080827_085620_000000392071_00322_33943_9570.N1	27-AUG-2008 08:56:20	Bright	38.500	19	50Alp Cyg	1.2460	10500.	77	33943	No
113	GOM_NL__2PRFIN20080827_090125_000000372071_00322_33943_9571.N1	27-AUG-2008 09:01:25	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	33943	No
114	GOM_NL__2PRFIN20080827_090858_000000362071_00322_33943_9572.N1	27-AUG-2008 09:08:58	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33943	No
115	GOM_NL__2PRFIN20080827_092546_000000352071_00322_33943_9573.N1	27-AUG-2008 09:25:46	Bright	35.000	24	66Alp Gem	1.5800	10200.	70	33943	No
116	GOM_NL__2PRFIN20080827_092930_000000362071_00322_33943_9574.N1	27-AUG-2008 09:29:30	Tw_i_and_stray	36.000	151	13Mu Gem	2.8900	3000.0	72	33943	No
117	GOM_NL__2PRFIN20080827_093112_000000462071_00322_33943_9575.N1	27-AUG-2008 09:31:12	Tw_i_and_stray	45.500	44	24Gam Gem	1.9280	11000.	91	33943	No
118	GOM_NL__2PRFIN20080827_093319_000000382071_00322_33943_9576.N1	27-AUG-2008 09:33:19	Twilight	38.000	8	10Alp CMi	0.40000	6500.0	76	33943	No
119	GOM_NL__2PRFIN20080827_094041_000000502071_00322_33943_9577.N1	27-AUG-2008 09:40:41	Dark	49.500	1	9Alp CMa	-1.4400	11000.	99	33943	No
120	GOM_NL__2PRFIN20080827_094204_000000372071_00322_33943_9578.N1	27-AUG-2008 09:42:04	Dark	37.000	179	24Omi2CMa	3.0320	24000.	74	33943	No
121	GOM_NL__2PRFIN20080827_094332_000000422071_00322_33943_9579.N1	27-AUG-2008 09:43:32	Dark	42.000	23	21Eps CMa	1.5020	26000.	84	33943	No
122	GOM_NL__2PRFIN20080827_094502_000000392071_00322_33943_9580.N1	27-AUG-2008 09:45:02	Dark	39.000	177	1Zet CMa	3.0220	26000.	78	33943	No
123	GOM_NL__2PRFIN20080827_095020_000000532071_00322_33943_9581.N1	27-AUG-2008 09:50:20	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	33943	No
124	GOM_NL__2PRFIN20080827_100144_000000452071_00323_33944_9582.N1	27-AUG-2008 10:01:44	Dark	44.500	9	Alp Eri	0.45300	24000.	89	33944	No
125	GOM_NL__2PRFIN20080827_101006_000000402071_00323_33944_9583.N1	27-AUG-2008 10:10:06	Straylight	39.500	31	Alp Gru	1.7340	15200.	79	33944	No
126	GOM_NL__2PRFIN20080827_101410_000000502071_00323_33944_9584.N1	27-AUG-2008 10:14:10	Straylight	50.000	18	24Alp PsA	1.1660	9700.0	100	33944	No
127	GOM_NL__2PRFIN20080827_101909_000000452071_00323_33944_9585.N1	27-AUG-2008 10:19:09	Bright	44.500	142	49Del Cap	2.8500	8900.0	89	33944	No
128	GOM_NL__2PRFIN20080827_102221_000000392071_00323_33944_9586.N1	27-AUG-2008 10:22:21	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	33944	No
129	GOM_NL__2PRFIN20080827_102357_000000412071_00323_33944_9587.N1	27-AUG-2008 10:23:57	Bright	41.000	162	34Alp Aqr	2.9440	5350.0	82	33944	No
130	GOM_NL__2PRFIN20080827_102658_000000402071_00323_33944_9588.N1	27-AUG-2008 10:26:58	Bright	39.500	61	8Eps Peg	2.1000	3900.0	79	33944	No
131	GOM_NL__2PRFIN20080827_103344_000000342071_00323_33944_9589.N1	27-AUG-2008 10:33:44	Bright	34.000	92	53Eps Cyg	2.5000	4500.0	68	33944	No
132	GOM_NL__2PRFIN20080827_103533_000000342071_00323_33944_9590.N1	27-AUG-2008 10:35:33	Bright	33.500	66	37Gam Cyg	2.2080	5900.0	67	33944	No
133	GOM_NL__2PRFIN20080827_103656_000000372071_00323_33944_9591.N1	27-AUG-2008 10:36:56	Bright	36.500	19	50Alp Cyg	1.2460	10500.	73	33944	No
134	GOM_NL__2PRFIN20080827_104201_000000372071_00323_33944_9592.N1	27-AUG-2008 10:42:01	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	33944	No
135	GOM_NL__2PRFIN20080827_104934_000000362071_00323_33944_9593.N1	27-AUG-2008 10:49:34	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33944	No
136	GOM_NL__2PRFIN20080827_110622_000000362071_00323_33944_9594.N1	27-AUG-2008 11:06:22	Bright	35.500	24	66Alp Gem	1.5800	10200.	71	33944	No
137	GOM_NL__2PRFIN20080827_111006_000000252071_00323_33944_9595.N1	27-AUG-2008 11:10:06	Tw_i_and_stray	25.000	151	13Mu Gem	2.8900	3000.0	50	33944	No
138	GOM_NL__2PRFIN20080827_111148_000000442071_00323_33944_9596.N1	27-AUG-2008 11:11:48	Tw_i_and_stray	43.500	44	24Gam Gem	1.9280	11000.	87	33944	No
139	GOM_NL__2PRFIN20080827_111355_000000402071_00323_33944_9597.N1	27-AUG-2008 11:13:55	Twilight	39.500	8	10Alp CMi	0.40000	6500.0	79	33944	No
140	GOM_NL__2PRFIN20080827_112117_000000472071_00323_33944_9598.N1	27-AUG-2008 11:21:17	Dark	46.500	1	9Alp CMa	-1.4400	11000.	93	33944	No
141	GOM_NL__2PRFIN20080827_112241_000000392071_00323_33944_9599.N1	27-AUG-2008 11:22:41	Dark	38.500	179	24Omi2CMa	3.0320	24000.	77	33944	No
142	GOM_NL__2PRFIN20080827_112409_000000432071_00323_33944_9600.N1	27-AUG-2008 11:24:09	Dark	42.500	23	21Eps CMa	1.5020	26000.	85	33944	No
143	GOM_NL__2PRFIN20080827_112538_000000412071_00323_33944_9601.N1	27-AUG-2008 11:25:38	Dark	41.000	177	1Zet CMa	3.0220	26000.	82	33944	No
144	GOM_NL__2PRFIN20080827_113057_000000532071_00323_33944_9602.N1	27-AUG-2008 11:30:57	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	33944	No
145	GOM_NL__2PRFIN20080827_114221_000000432071_00324_33945_9597.N1	27-AUG-2008 11:42:21	Dark	43.000	9	Alp Eri	0.45300	24000.	86	33945	No
146	GOM_NL__2PRFIN20080827_115043_000000432071_00324_33945_9598.N1	27-AUG-2008 11:50:43	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	33945	No
147	GOM_NL__2PRFIN20080827_115446_000000492071_00324_33945_9599.N1	27-AUG-2008 11:54:46	Straylight	48.500	18	24Alp PsA	1.1660	9700.0	97	33945	No
148	GOM_NL__2PRFIN20080827_115945_000000492071_00324_33945_9600.N1	27-AUG-2008 11:59:45	Bright	48.500	142	49Del Cap	2.8500	8900.0	97	33945	No
149	GOM_NL__2PRFIN20080827_120257_000000392071_00324_33945_9601.N1	27-AUG-2008 12:02:57	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	33945	No
150	GOM_NL__2PRFIN20080827_120432_000000412071_00324_33945_9602.N1	27-AUG-2008 12:04:32	Bright	41.000	162	34Alp Aqr	2.9440	5350.0	82	33945	No
151	GOM_NL__2PRFIN20080827_120734_000000382071_00324_33945_9603.N1	27-AUG-2008 12:07:34	Bright	37.500	61	8Eps Peg	2.1000	3900.0	75	33945	No
152	GOM_NL__2PRFIN20080827_121420_000000352071_00324_33945_9604.N1	27-AUG-2008 12:14:20	Bright	35.000	92	53Eps Cyg	2.5000	4500.0	70	33945	No
153	GOM_NL__2PRFIN20080827_121608_000000372071_00324_33945_9605.N1	27-AUG-2008 12:16:08	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	33945	No
154	GOM_NL__2PRFIN20080827_121731_000000372071_00324_33945_9606.N1	27-AUG-2008 12:17:31	Bright	36.500	19	50Alp Cyg	1.2460	10500.	73	33945	No
155	GOM_NL__2PRFIN20080827_122237_000000372071_00324_33945_9607.N1	27-AUG-2008 12:22:37	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	33945	No
156	GOM_NL__2PRFIN20080827_123009_000000362071_00324_33945_9608.N1	27-AUG-2008 12:30:09	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33945	No
157	GOM_NL__2PRFIN20080827_124658_000000372071_00324_33945_9609.N1	27-AUG-2008 12:46:58	Bright	36.500	24	66Alp Gem	1.5800	10200.	73	33945	No
158	GOM_NL__2PRFIN20080827_125042_000000252071_00324_33945_9610.N1	27-AUG-2008 12:50:42	Tw_i_and_stray	25.000	151	13Mu Gem	2.8900	3000.0	50	33945	No
159	GOM_NL__2PRFIN20080827_125224_000000462071_00324_33945_9611.N1	27-AUG-2008 12:52:24	Tw_i_and_stray	45.500	44	24Gam Gem	1.9280	11000.	91	33945	No
160	GOM_NL__2PRFIN20080827_125431_000000432071_00324_33945_9612.N1	27-AUG-2008 12:54:31	Twilight	43.000	8	10Alp CMi	0.40000	6500.0	86	33945	No

161	GOM_NL__2PRFIN20080827_130154_000000532071_00324_33945_9613.N1	27-AUG-2008 13:01:54	Dark	53.000	1	9Alp CMa	-1.4400	11000.	106	33945	No
162	GOM_NL__2PRFIN20080827_130317_000000392071_00324_33945_9614.N1	27-AUG-2008 13:03:17	Dark	39.000	179	24Omi2CMa	3.0320	24000.	78	33945	No
163	GOM_NL__2PRFIN20080827_130445_000000422071_00324_33945_9615.N1	27-AUG-2008 13:04:45	Dark	41.500	23	21Eps CMa	1.5020	26000.	83	33945	No
164	GOM_NL__2PRFIN20080827_130615_000000402071_00324_33945_9616.N1	27-AUG-2008 13:06:15	Dark	40.000	177	1Zet CMa	3.0220	26000.	80	33945	No
165	GOM_NL__2PRFIN20080827_131133_000000532071_00324_33945_9617.N1	27-AUG-2008 13:11:33	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	33945	No
166	GOM_NL__2PRFIN20080827_132257_000000452071_00325_33946_9617.N1	27-AUG-2008 13:22:57	Dark	44.500	9	Alp Eri	0.45300	24000.	89	33946	No
167	GOM_NL__2PRFIN20080827_133119_000000382071_00325_33946_9618.N1	27-AUG-2008 13:31:19	Straylight	38.000	31	Alp Gru	1.7340	15200.	76	33946	No
168	GOM_NL__2PRFIN20080827_133522_000000462071_00325_33946_9619.N1	27-AUG-2008 13:35:22	Straylight	46.000	18	24Alp PsA	1.1660	9700.0	92	33946	No
169	GOM_NL__2PRFIN20080827_134021_000000462071_00325_33946_9620.N1	27-AUG-2008 13:40:21	Bright	45.500	142	49Del Cap	2.8500	8900.0	91	33946	No
170	GOM_NL__2PRFIN20080827_134333_000000392071_00325_33946_9621.N1	27-AUG-2008 13:43:33	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	33946	No
171	GOM_NL__2PRFIN20080827_134508_000000412071_00325_33946_9622.N1	27-AUG-2008 13:45:08	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	33946	No
172	GOM_NL__2PRFIN20080827_134810_000000392071_00325_33946_9623.N1	27-AUG-2008 13:48:10	Bright	39.000	61	8Eps Peg	2.1000	3900.0	78	33946	No
173	GOM_NL__2PRFIN20080827_135456_000000352071_00325_33946_9624.N1	27-AUG-2008 13:54:56	Bright	35.000	92	53Eps Cyg	2.5000	4500.0	70	33946	No
174	GOM_NL__2PRFIN20080827_135645_000000342071_00325_33946_9625.N1	27-AUG-2008 13:56:45	Bright	33.500	66	37Gam Cyg	2.2080	5900.0	67	33946	No
175	GOM_NL__2PRFIN20080827_135807_000000372071_00325_33946_9626.N1	27-AUG-2008 13:58:07	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	33946	No
176	GOM_NL__2PRFIN20080827_140313_000000382071_00325_33946_9627.N1	27-AUG-2008 14:03:13	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	33946	No
177	GOM_NL__2PRFIN20080827_141045_000000342071_00325_33946_9628.N1	27-AUG-2008 14:10:45	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	33946	No
178	GOM_NL__2PRFIN20080827_142734_000000432071_00325_33946_9629.N1	27-AUG-2008 14:27:34	Bright	43.000	24	66Alp Gem	1.5800	10200.	86	33946	No
179	GOM_NL__2PRFIN20080827_143008_000000452071_00325_33946_9630.N1	27-AUG-2008 14:30:08	Bright	44.500	170	27Eps Gem	3.0000	9700.0	89	33946	No
180	GOM_NL__2PRFIN20080827_143300_000000482071_00325_33946_9631.N1	27-AUG-2008 14:33:00	Twilight	47.500	44	24Gam Gem	1.9280	11000.	95	33946	No
181	GOM_NL__2PRFIN20080827_143507_000000462071_00325_33946_9632.N1	27-AUG-2008 14:35:07	Twilight	46.000	8	10Alp CMi	0.40000	6500.0	92	33946	No
182	GOM_NL__2PRFIN20080827_144230_000000532071_00325_33946_9633.N1	27-AUG-2008 14:42:30	Dark	53.000	1	9Alp CMa	-1.4400	11000.	106	33946	No
183	GOM_NL__2PRFIN20080827_144353_000000402071_00325_33946_9634.N1	27-AUG-2008 14:43:53	Dark	39.500	179	24Omi2CMa	3.0320	24000.	79	33946	No
184	GOM_NL__2PRFIN20080827_144521_000000422071_00325_33946_9635.N1	27-AUG-2008 14:45:21	Dark	42.000	23	21Eps CMa	1.5020	26000.	84	33946	No
185	GOM_NL__2PRFIN20080827_144651_000000402071_00325_33946_9636.N1	27-AUG-2008 14:46:51	Dark	39.500	177	1Zet CMa	3.0220	26000.	79	33946	No
186	GOM_NL__2PRFIN20080827_145209_000000482071_00325_33946_9637.N1	27-AUG-2008 14:52:09	Dark	48.000	2	Alp Car	-0.73600	7000.0	96	33946	No
187	GOM_NL__2PRFIN20080827_150334_000000442071_00326_33947_9639.N1	27-AUG-2008 15:03:34	Dark	43.500	9	Alp Eri	0.45300	24000.	87	33947	No
188	GOM_NL__2PRFIN20080827_151155_000000392071_00326_33947_9640.N1	27-AUG-2008 15:11:55	Straylight	38.500	31	Alp Gru	1.7340	15200.	77	33947	No
189	GOM_NL__2PRFIN20080827_151558_000000482071_00326_33947_9641.N1	27-AUG-2008 15:15:58	Straylight	48.000	18	24Alp PsA	1.1660	9700.0	96	33947	No
190	GOM_NL__2PRFIN20080827_152057_000000452071_00326_33947_9642.N1	27-AUG-2008 15:20:57	Bright	45.000	142	49Del Cap	2.8500	8900.0	90	33947	No
191	GOM_NL__2PRFIN20080827_152409_000000382071_00326_33947_9643.N1	27-AUG-2008 15:24:09	Bright	38.000	154	22Bet Aqr	2.8990	5700.0	76	33947	No
192	GOM_NL__2PRFIN20080827_152544_000000422071_00326_33947_9644.N1	27-AUG-2008 15:25:44	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	33947	No
193	GOM_NL__2PRFIN20080827_152846_000000412071_00326_33947_9645.N1	27-AUG-2008 15:28:46	Bright	40.500	61	8Eps Peg	2.1000	3900.0	81	33947	No
194	GOM_NL__2PRFIN20080827_153532_000000382071_00326_33947_9646.N1	27-AUG-2008 15:35:32	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	33947	No
195	GOM_NL__2PRFIN20080827_153720_000000362071_00326_33947_9647.N1	27-AUG-2008 15:37:20	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	33947	No
196	GOM_NL__2PRFIN20080827_153843_000000362071_00326_33947_9648.N1	27-AUG-2008 15:38:43	Bright	36.000	19	50Alp Cyg	1.2460	10500.	72	33947	No
197	GOM_NL__2PRFIN20080827_154348_000000372071_00326_33947_9649.N1	27-AUG-2008 15:43:48	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	33947	No
198	GOM_NL__2PRFIN20080827_155121_000000352071_00326_33947_9650.N1	27-AUG-2008 15:51:21	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	33947	No
199	GOM_NL__2PRFIN20080827_160810_000000512071_00326_33947_9651.N1	27-AUG-2008 16:08:10	Bright	50.500	24	66Alp Gem	1.5800	10200.	101	33947	No
200	GOM_NL__2PRFIN20080827_161044_000000442071_00326_33947_9652.N1	27-AUG-2008 16:10:44	Bright	43.500	170	27Eps Gem	3.0000	9700.0	87	33947	No
201	GOM_NL__2PRFIN20080827_161337_000000482071_00326_33947_9653.N1	27-AUG-2008 16:13:37	Twilight	48.000	44	24Gam Gem	1.9280	11000.	96	33947	No
202	GOM_NL__2PRFIN20080827_161544_000000512071_00326_33947_9654.N1	27-AUG-2008 16:15:44	Twilight	50.500	8	10Alp CMi	0.40000	6500.0	101	33947	No
203	GOM_NL__2PRFIN20080827_162307_000000532071_00326_33947_9655.N1	27-AUG-2008 16:23:07	Dark	52.500	1	9Alp CMa	-1.4400	11000.	105	33947	No
204	GOM_NL__2PRFIN20080827_162430_000000382071_00326_33947_9656.N1	27-AUG-2008 16:24:30	Dark	38.000	179	24Omi2CMa	3.0320	24000.	76	33947	No
205	GOM_NL__2PRFIN20080827_162558_000000412071_00326_33947_9657.N1	27-AUG-2008 16:25:58	Dark	40.500	23	21Eps CMa	1.5020	26000.	81	33947	No
206	GOM_NL__2PRFIN20080827_162728_000000422071_00326_33947_9658.N1	27-AUG-2008 16:27:28	Dark	41.500	177	1Zet CMa	3.0220	26000.	83	33947	No
207	GOM_NL__2PRFIN20080827_163246_000000532071_00326_33947_9659.N1	27-AUG-2008 16:32:46	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	33947	No
208	GOM_NL__2PRFIN20080827_164410_000000452071_00327_33948_9655.N1	27-AUG-2008 16:44:10	Dark	45.000	9	Alp Eri	0.45300	24000.	90	33948	No
209	GOM_NL__2PRFIN20080827_165008_000000272071_00327_33948_9656.N1	27-AUG-2008 16:50:08	Straylight	27.000	84	Alp Phe	2.3970	4500.0	54	33948	No
210	GOM_NL__2PRFIN20080827_165231_000000402071_00327_33948_9657.N1	27-AUG-2008 16:52:31	Straylight	39.500	31	Alp Gru	1.7340	15200.	79	33948	No
211	GOM_NL__2PRFIN20080827_165635_000000492071_00327_33948_9658.N1	27-AUG-2008 16:56:35	Straylight	48.500	18	24Alp PsA	1.1660	9700.0	97	33948	No
212	GOM_NL__2PRFIN20080827_170134_000000542071_00327_33948_9659.N1	27-AUG-2008 17:01:34	Bright	54.000	142	49Del Cap	2.8500	8900.0	108	33948	No
213	GOM_NL__2PRFIN20080827_170445_000000392071_00327_33948_9660.N1	27-AUG-2008 17:04:45	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	33948	No
214	GOM_NL__2PRFIN20080827_170620_000000422071_00327_33948_9661.N1	27-AUG-2008 17:06:20	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	33948	No
215	GOM_NL__2PRFIN20080827_170921_000000402071_00327_33948_9662.N1	27-AUG-2008 17:09:21	Bright	40.000	61	8Eps Peg	2.1000	3900.0	80	33948	No
216	GOM_NL__2PRFIN20080827_171608_000000372071_00327_33948_9663.N1	27-AUG-2008 17:16:08	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	33948	No
217	GOM_NL__2PRFIN20080827_171756_000000342071_00327_33948_9664.N1	27-AUG-2008 17:17:56	Bright	34.000	66	37Gam Cyg	2.2080	5900.0	68	33948	No
218	GOM_NL__2PRFIN20080827_171919_000000362071_00327_33948_9665.N1	27-AUG-2008 17:19:19	Bright	36.000	19	50Alp Cyg	1.2460	10500.	72	33948	No
219	GOM_NL__2PRFIN20080827_172424_000000382071_00327_33948_9666.N1	27-AUG-2008 17:24:24	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	33948	No

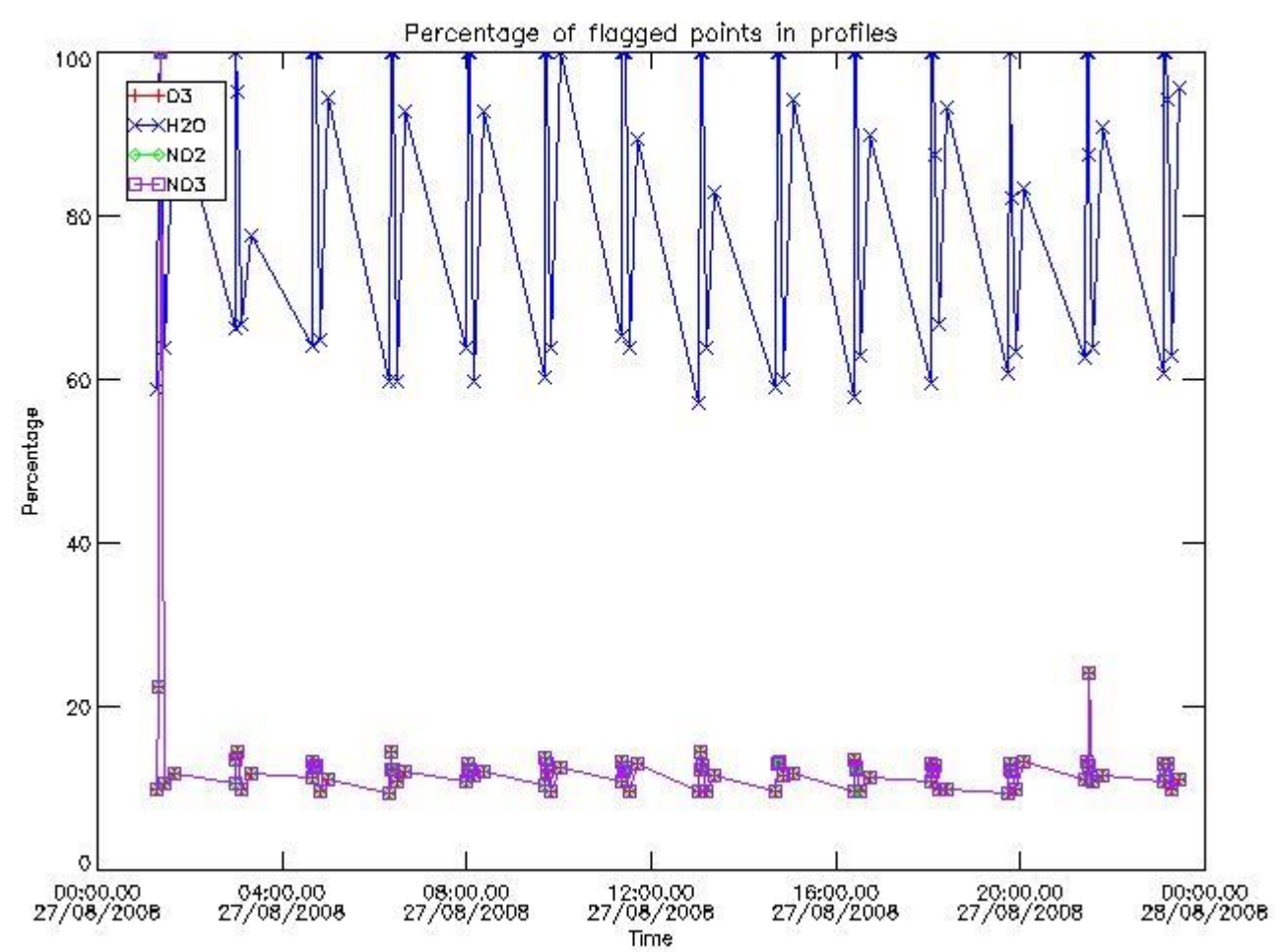
220	GOM_NL__2PRFIN20080827_173157_000000372071_00327_33948_9667.N1	27-AUG-2008 17:31:57	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	33948	No
221	GOM_NL__2PRFIN20080827_174846_000000352071_00327_33948_9668.N1	27-AUG-2008 17:48:46	Bright	34.500	24	66Alp Gem	1.5800	10200.	69	33948	No
222	GOM_NL__2PRFIN20080827_175121_000000462071_00327_33948_9669.N1	27-AUG-2008 17:51:21	Bright	45.500	170	27Eps Gem	3.0000	9700.0	91	33948	No
223	GOM_NL__2PRFIN20080827_175413_000000482071_00327_33948_9670.N1	27-AUG-2008 17:54:13	Twilight	48.000	44	24Gam Gem	1.9280	11000.	96	33948	No
224	GOM_NL__2PRFIN20080827_175620_000000432071_00327_33948_9671.N1	27-AUG-2008 17:56:20	Twilight	42.500	8	10Alp CMi	0.40000	6500.0	85	33948	No
225	GOM_NL__2PRFIN20080827_180343_000000482071_00327_33948_9672.N1	27-AUG-2008 18:03:43	Dark	47.500	1	9Alp CMa	-1.4400	11000.	95	33948	No
226	GOM_NL__2PRFIN20080827_180506_000000402071_00327_33948_9673.N1	27-AUG-2008 18:05:06	Dark	39.500	179	24Omi2CMa	3.0320	24000.	79	33948	No
227	GOM_NL__2PRFIN20080827_180634_000000422071_00327_33948_9674.N1	27-AUG-2008 18:06:34	Dark	42.000	23	21Eps CMa	1.5020	26000.	84	33948	No
228	GOM_NL__2PRFIN20080827_180816_000000402071_00327_33948_9675.N1	27-AUG-2008 18:08:16	Dark	40.000	117	Pi Pup	2.7060	3800.0	80	33948	No
229	GOM_NL__2PRFIN20080827_181322_000000522071_00327_33948_9676.N1	27-AUG-2008 18:13:22	Dark	51.500	2	Alp Car	-0.73600	7000.0	103	33948	No
230	GOM_NL__2PRFIN20080827_182447_000000522071_00328_33949_9670.N1	27-AUG-2008 18:24:47	Dark	52.000	9	Alp Eri	0.45300	24000.	104	33949	No
231	GOM_NL__2PRFIN20080827_183045_000000272071_00328_33949_9671.N1	27-AUG-2008 18:30:45	Straylight	26.500	84	Alp Phe	2.3970	4500.0	53	33949	No
232	GOM_NL__2PRFIN20080827_183307_000000382071_00328_33949_9672.N1	27-AUG-2008 18:33:07	Straylight	37.500	31	Alp Gru	1.7340	15200.	75	33949	No
233	GOM_NL__2PRFIN20080827_183711_000000482071_00328_33949_9673.N1	27-AUG-2008 18:37:11	Straylight	48.000	18	24Alp PsA	1.1660	9700.0	96	33949	No
234	GOM_NL__2PRFIN20080827_184210_000000452071_00328_33949_9674.N1	27-AUG-2008 18:42:10	Bright	45.000	142	49Del Cap	2.8500	8900.0	90	33949	No
235	GOM_NL__2PRFIN20080827_184521_000000392071_00328_33949_9675.N1	27-AUG-2008 18:45:21	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	33949	No
236	GOM_NL__2PRFIN20080827_184656_000000422071_00328_33949_9676.N1	27-AUG-2008 18:46:56	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	33949	No
237	GOM_NL__2PRFIN20080827_184957_000000412071_00328_33949_9677.N1	27-AUG-2008 18:49:57	Bright	41.000	61	8Eps Peg	2.1000	3900.0	82	33949	No
238	GOM_NL__2PRFIN20080827_185644_000000352071_00328_33949_9678.N1	27-AUG-2008 18:56:44	Bright	34.500	92	53Eps Cyg	2.5000	4500.0	69	33949	No
239	GOM_NL__2PRFIN20080827_185833_000000352071_00328_33949_9679.N1	27-AUG-2008 18:58:33	Bright	34.500	66	37Gam Cyg	2.2080	5900.0	69	33949	No
240	GOM_NL__2PRFIN20080827_185955_000000382071_00328_33949_9680.N1	27-AUG-2008 18:59:55	Bright	38.000	19	50Alp Cyg	1.2460	10500.	76	33949	No
241	GOM_NL__2PRFIN20080827_190500_000000382071_00328_33949_9681.N1	27-AUG-2008 19:05:00	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	33949	No
242	GOM_NL__2PRFIN20080827_191233_000000362071_00328_33949_9682.N1	27-AUG-2008 19:12:33	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	33949	No
243	GOM_NL__2PRFIN20080827_192922_000000452071_00328_33949_9683.N1	27-AUG-2008 19:29:22	Bright	44.500	24	66Alp Gem	1.5800	10200.	89	33949	No
244	GOM_NL__2PRFIN20080827_193157_000000442071_00328_33949_9684.N1	27-AUG-2008 19:31:57	Bright	44.000	170	27Eps Gem	3.0000	9700.0	88	33949	No
245	GOM_NL__2PRFIN20080827_193449_000000472071_00328_33949_9685.N1	27-AUG-2008 19:34:49	Twilight	46.500	44	24Gam Gem	1.9280	11000.	93	33949	No
246	GOM_NL__2PRFIN20080827_193656_000000412071_00328_33949_9686.N1	27-AUG-2008 19:36:56	Twilight	40.500	8	10Alp CMi	0.40000	6500.0	81	33949	No
247	GOM_NL__2PRFIN20080827_194420_000000542071_00328_33949_9687.N1	27-AUG-2008 19:44:20	Dark	54.000	1	9Alp CMa	-1.4400	11000.	108	33949	No
248	GOM_NL__2PRFIN20080827_194542_000000402071_00328_33949_9688.N1	27-AUG-2008 19:45:42	Dark	39.500	179	24Omi2CMa	3.0320	24000.	79	33949	No
249	GOM_NL__2PRFIN20080827_194711_000000422071_00328_33949_9689.N1	27-AUG-2008 19:47:11	Dark	41.500	23	21Eps CMa	1.5020	26000.	83	33949	No
250	GOM_NL__2PRFIN20080827_194852_000000432071_00328_33949_9690.N1	27-AUG-2008 19:48:52	Dark	42.500	117	Pi Pup	2.7060	3800.0	85	33949	No
251	GOM_NL__2PRFIN20080827_195358_000000512071_00328_33949_9691.N1	27-AUG-2008 19:53:58	Dark	51.000	2	Alp Car	-0.73600	7000.0	102	33949	No
252	GOM_NL__2PRFIN20080827_200523_000000432071_00329_33950_9685.N1	27-AUG-2008 20:05:23	Dark	42.500	9	Alp Eri	0.45300	24000.	85	33950	No
253	GOM_NL__2PRFIN20080827_201121_000000302071_00329_33950_9686.N1	27-AUG-2008 20:11:21	Straylight	30.000	84	Alp Phe	2.3970	4500.0	60	33950	No
254	GOM_NL__2PRFIN20080827_201344_000000402071_00329_33950_9687.N1	27-AUG-2008 20:13:44	Straylight	39.500	31	Alp Gru	1.7340	15200.	79	33950	No
255	GOM_NL__2PRFIN20080827_201747_000000492071_00329_33950_9688.N1	27-AUG-2008 20:17:47	Straylight	49.000	18	24Alp PsA	1.1660	9700.0	98	33950	No
256	GOM_NL__2PRFIN20080827_202246_000000462071_00329_33950_9689.N1	27-AUG-2008 20:22:46	Bright	45.500	142	49Del Cap	2.8500	8900.0	91	33950	No
257	GOM_NL__2PRFIN20080827_202557_000000392071_00329_33950_9690.N1	27-AUG-2008 20:25:57	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	33950	No
258	GOM_NL__2PRFIN20080827_202732_000000422071_00329_33950_9691.N1	27-AUG-2008 20:27:32	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	33950	No
259	GOM_NL__2PRFIN20080827_203033_000000402071_00329_33950_9692.N1	27-AUG-2008 20:30:33	Bright	40.000	61	8Eps Peg	2.1000	3900.0	80	33950	No
260	GOM_NL__2PRFIN20080827_203720_000000382071_00329_33950_9693.N1	27-AUG-2008 20:37:20	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	33950	No
261	GOM_NL__2PRFIN20080827_203909_000000362071_00329_33950_9694.N1	27-AUG-2008 20:39:09	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	33950	No
262	GOM_NL__2PRFIN20080827_204031_000000372071_00329_33950_9695.N1	27-AUG-2008 20:40:31	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	33950	No
263	GOM_NL__2PRFIN20080827_204536_000000382071_00329_33950_9696.N1	27-AUG-2008 20:45:36	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	33950	No
264	GOM_NL__2PRFIN20080827_205309_000000372071_00329_33950_9697.N1	27-AUG-2008 20:53:09	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	33950	No
265	GOM_NL__2PRFIN20080827_210958_000000362071_00329_33950_9698.N1	27-AUG-2008 21:09:58	Bright	36.000	24	66Alp Gem	1.5800	10200.	72	33950	No
266	GOM_NL__2PRFIN20080827_211233_000000442071_00329_33950_9699.N1	27-AUG-2008 21:12:33	Bright	43.500	170	27Eps Gem	3.0000	9700.0	87	33950	No
267	GOM_NL__2PRFIN20080827_211526_000000472071_00329_33950_9700.N1	27-AUG-2008 21:15:26	Twilight	46.500	44	24Gam Gem	1.9280	11000.	93	33950	No
268	GOM_NL__2PRFIN20080827_211732_000000422071_00329_33950_9701.N1	27-AUG-2008 21:17:32	Twilight	42.000	8	10Alp CMi	0.40000	6500.0	84	33950	No
269	GOM_NL__2PRFIN20080827_212456_000000462071_00329_33950_9702.N1	27-AUG-2008 21:24:56	Dark	46.000	1	9Alp CMa	-1.4400	11000.	92	33950	No
270	GOM_NL__2PRFIN20080827_212619_000000392071_00329_33950_9703.N1	27-AUG-2008 21:26:19	Dark	38.500	179	24Omi2CMa	3.0320	24000.	77	33950	No
271	GOM_NL__2PRFIN20080827_212747_000000442071_00329_33950_9704.N1	27-AUG-2008 21:27:47	Dark	43.500	23	21Eps CMa	1.5020	26000.	87	33950	No
272	GOM_NL__2PRFIN20080827_212928_000000442071_00329_33950_9705.N1	27-AUG-2008 21:29:28	Dark	44.000	117	Pi Pup	2.7060	3800.0	88	33950	No
273	GOM_NL__2PRFIN20080827_213435_000000522071_00329_33950_9706.N1	27-AUG-2008 21:34:35	Dark	51.500	2	Alp Car	-0.73600	7000.0	103	33950	No
274	GOM_NL__2PRFIN20080827_214600_000000442071_00330_33951_9698.N1	27-AUG-2008 21:46:00	Dark	44.000	9	Alp Eri	0.45300	24000.	88	33951	No
275	GOM_NL__2PRFIN20080827_215158_000000302071_00330_33951_9699.N1	27-AUG-2008 21:51:58	Straylight	30.000	84	Alp Phe	2.3970	4500.0	60	33951	No
276	GOM_NL__2PRFIN20080827_215420_000000422071_00330_33951_9700.N1	27-AUG-2008 21:54:20	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	33951	No
277	GOM_NL__2PRFIN20080827_215823_000000472071_00330_33951_9701.N1	27-AUG-2008 21:58:23	Straylight	46.500	18	24Alp PsA	1.1660	9700.0	93	33951	No
278	GOM_NL__2PRFIN20080827_220322_000000402071_00330_33951_9702.N1	27-AUG-2008 22:03:22	Bright	40.000	142	49Del Cap	2.8500	8900.0	80	33951	No

279	GOM_NL__2PRFIN20080827_220633_000000382071_00330_33951_9703.N1	27-AUG-2008 22:06:33	Bright	38.000	154	22Bet Aqr	2.8990	5700.0	76	33951	No
280	GOM_NL__2PRFIN20080827_220807_000000422071_00330_33951_9704.N1	27-AUG-2008 22:08:07	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	33951	No
281	GOM_NL__2PRFIN20080827_221109_000000402071_00330_33951_9705.N1	27-AUG-2008 22:11:09	Bright	39.500	61	8Eps Peg	2.1000	3900.0	79	33951	No
282	GOM_NL__2PRFIN20080827_221755_000000342071_00330_33951_9706.N1	27-AUG-2008 22:17:55	Bright	33.500	92	53Eps Cyg	2.5000	4500.0	67	33951	No
283	GOM_NL__2PRFIN20080827_221945_000000362071_00330_33951_9707.N1	27-AUG-2008 22:19:45	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	33951	No
284	GOM_NL__2PRFIN20080827_222107_000000352071_00330_33951_9708.N1	27-AUG-2008 22:21:07	Bright	34.500	19	50Alp Cyg	1.2460	10500.	69	33951	No
285	GOM_NL__2PRFIN20080827_222612_000000362071_00330_33951_9709.N1	27-AUG-2008 22:26:12	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	33951	No
286	GOM_NL__2PRFIN20080827_223345_000000372071_00330_33951_9710.N1	27-AUG-2008 22:33:45	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	33951	No
287	GOM_NL__2PRFIN20080827_225034_000000362071_00330_33951_9711.N1	27-AUG-2008 22:50:34	Bright	36.000	24	66Alp Gem	1.5800	10200.	72	33951	No
288	GOM_NL__2PRFIN20080827_225309_000000452071_00330_33951_9712.N1	27-AUG-2008 22:53:09	Bright	45.000	170	27Eps Gem	3.0000	9700.0	90	33951	No
289	GOM_NL__2PRFIN20080827_225602_000000462071_00330_33951_9713.N1	27-AUG-2008 22:56:02	Twilight	46.000	44	24Gam Gem	1.9280	11000.	92	33951	No
290	GOM_NL__2PRFIN20080827_225808_000000512071_00330_33951_9714.N1	27-AUG-2008 22:58:08	Twilight	51.000	8	10Alp CMi	0.40000	6500.0	102	33951	No
291	GOM_NL__2PRFIN20080827_230532_000000482071_00330_33951_9715.N1	27-AUG-2008 23:05:32	Dark	47.500	1	9Alp CMa	-1.4400	11000.	95	33951	No
292	GOM_NL__2PRFIN20080827_230655_000000392071_00330_33951_9716.N1	27-AUG-2008 23:06:55	Dark	39.000	179	24Omi2CMa	3.0320	24000.	78	33951	No
293	GOM_NL__2PRFIN20080827_230823_000000442071_00330_33951_9717.N1	27-AUG-2008 23:08:23	Dark	44.000	23	21Eps CMa	1.5020	26000.	88	33951	No
294	GOM_NL__2PRFIN20080827_231004_000000432071_00330_33951_9718.N1	27-AUG-2008 23:10:04	Dark	43.000	117	Pi Pup	2.7060	3800.0	86	33951	No
295	GOM_NL__2PRFIN20080827_231511_000000522071_00330_33951_9719.N1	27-AUG-2008 23:15:11	Dark	51.500	2	Alp Car	-0.73600	7000.0	103	33951	No
296	GOM_NL__2PRFIN20080827_232636_000000462071_00331_33952_9729.N1	27-AUG-2008 23:26:36	Dark	45.500	9	Alp Eri	0.45300	24000.	91	33952	No
297	GOM_NL__2PRFIN20080827_233234_000000332071_00331_33952_9730.N1	27-AUG-2008 23:32:34	Straylight	33.000	84	Alp Phe	2.3970	4500.0	66	33952	No
298	GOM_NL__2PRFIN20080827_233456_000000412071_00331_33952_9731.N1	27-AUG-2008 23:34:56	Straylight	41.000	31	Alp Gru	1.7340	15200.	82	33952	No
299	GOM_NL__2PRFIN20080827_233859_000000442071_00331_33952_9732.N1	27-AUG-2008 23:38:59	Straylight	43.500	18	24Alp PsA	1.1660	9700.0	87	33952	No
300	GOM_NL__2PRFIN20080827_234358_000000542071_00331_33952_9733.N1	27-AUG-2008 23:43:58	Bright	54.000	142	49Del Cap	2.8500	8900.0	108	33952	No
301	GOM_NL__2PRFIN20080827_234709_000000372071_00331_33952_9734.N1	27-AUG-2008 23:47:09	Bright	37.000	154	22Bet Aqr	2.8990	5700.0	74	33952	No
302	GOM_NL__2PRFIN20080827_234843_000000412071_00331_33952_9735.N1	27-AUG-2008 23:48:43	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	33952	No
303	GOM_NL__2PRFIN20080827_235145_000000392071_00331_33952_9736.N1	27-AUG-2008 23:51:45	Bright	39.000	61	8Eps Peg	2.1000	3900.0	78	33952	No
304	GOM_NL__2PRFIN20080827_235831_000000362071_00331_33952_9737.N1	27-AUG-2008 23:58:31	Bright	36.000	92	53Eps Cyg	2.5000	4500.0	72	33952	No

3. Quality information per product

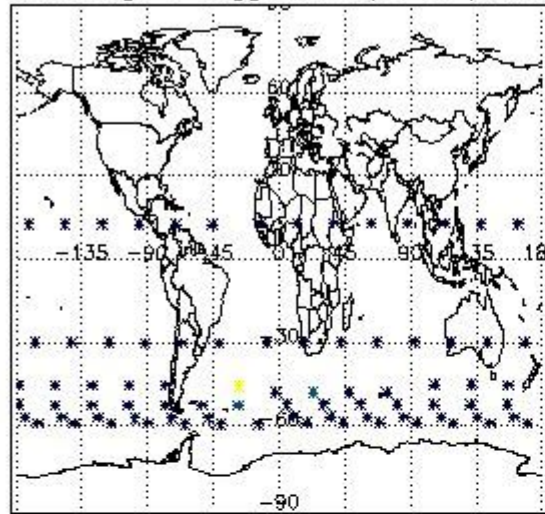
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

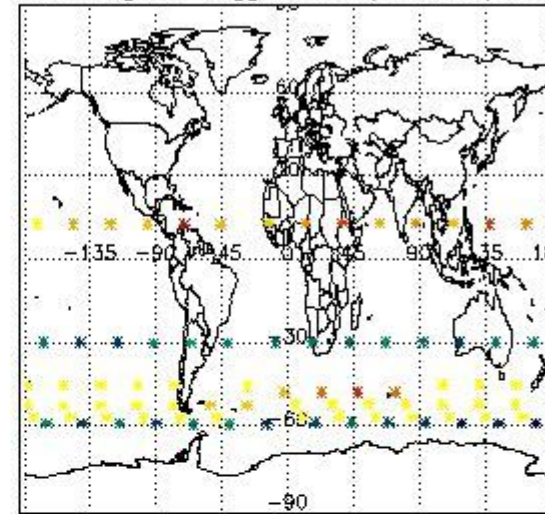


3.2 Plot quality information per product (world map)

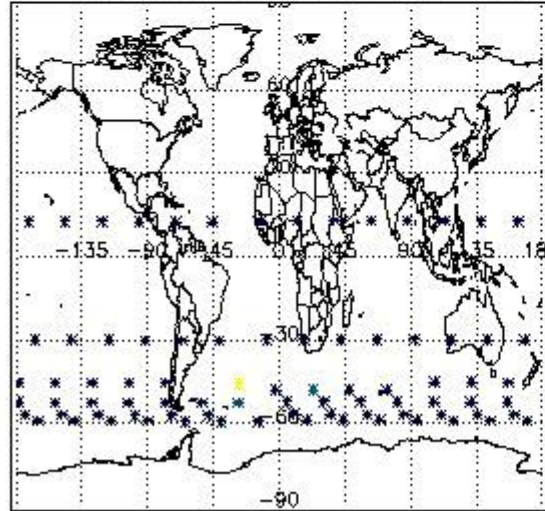
Percentage of flagged data per O3 profile



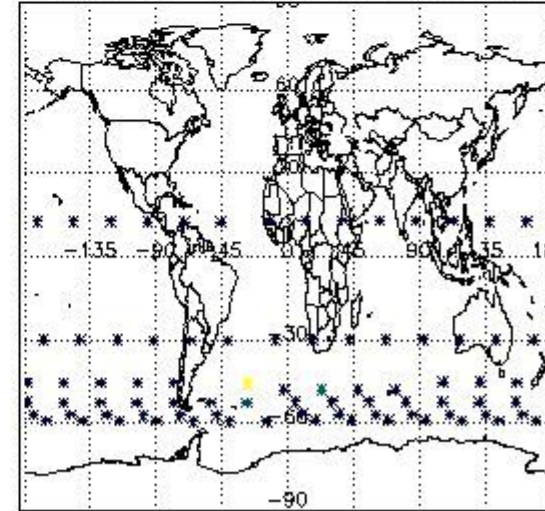
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

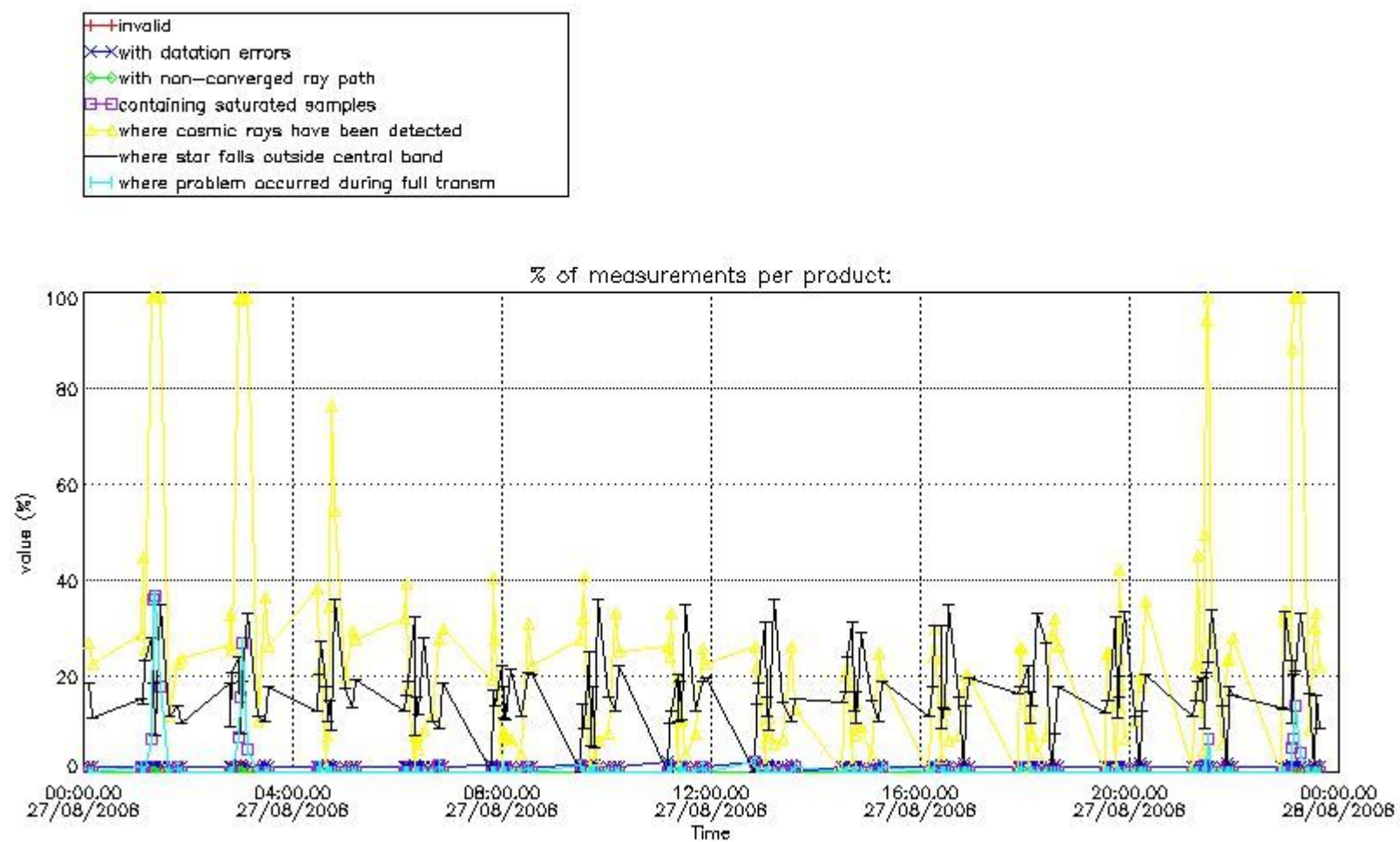


4. Level 1 quality information per product

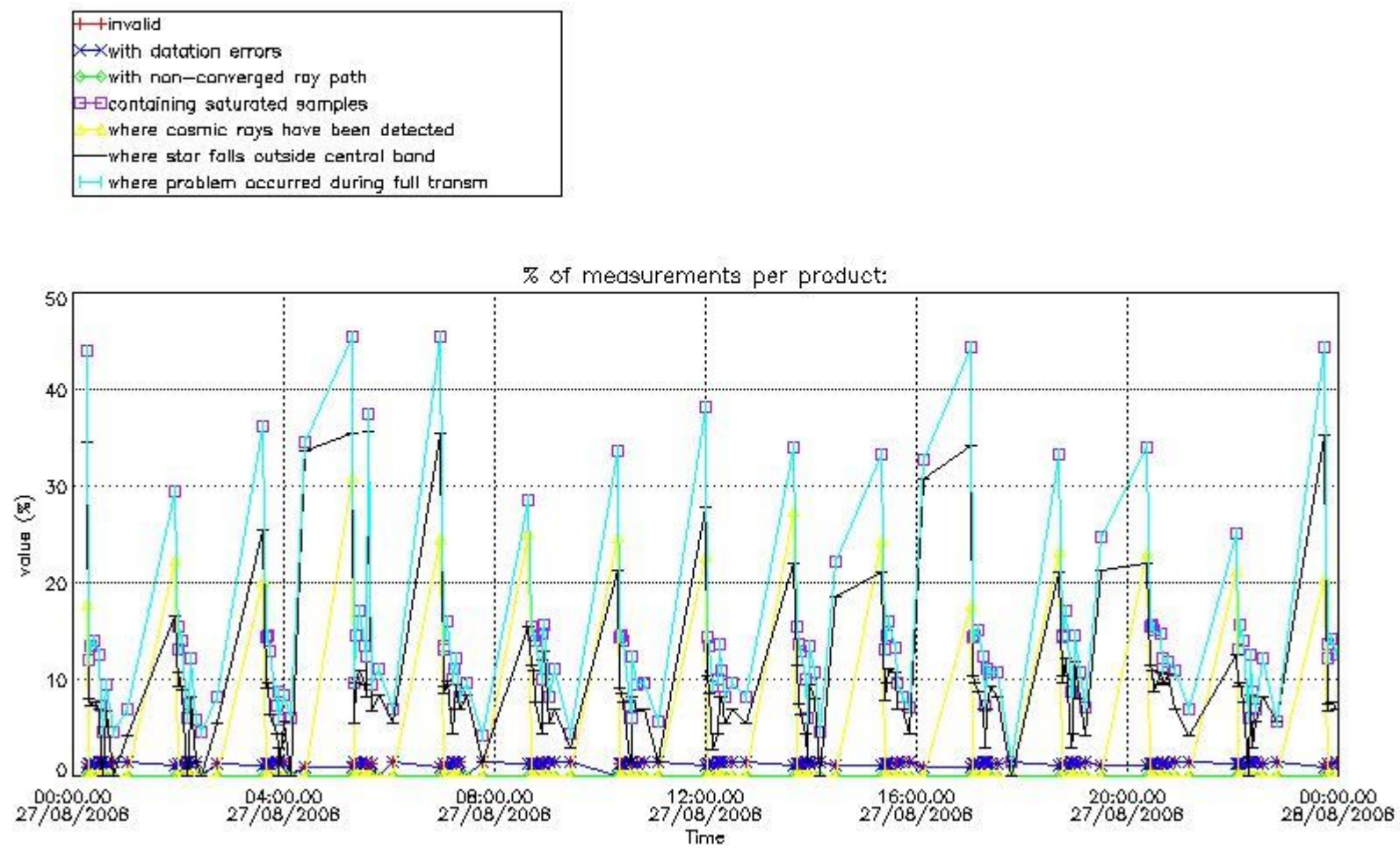
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



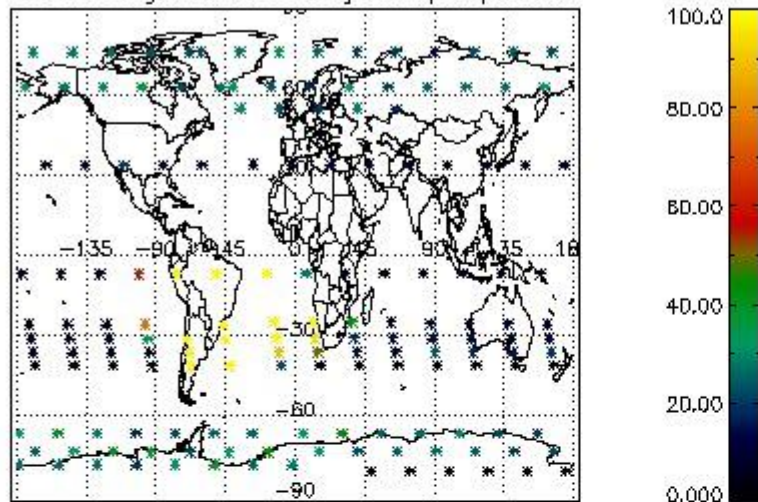
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



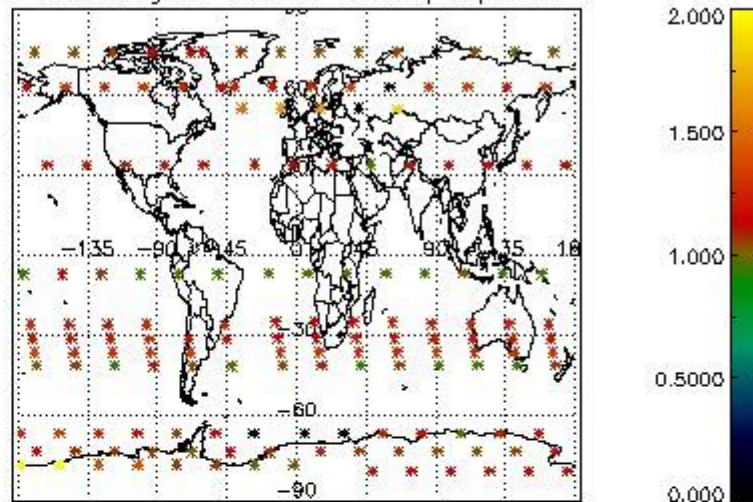
4.2 Plot quality information per product coming from level 1b processing (world map)

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

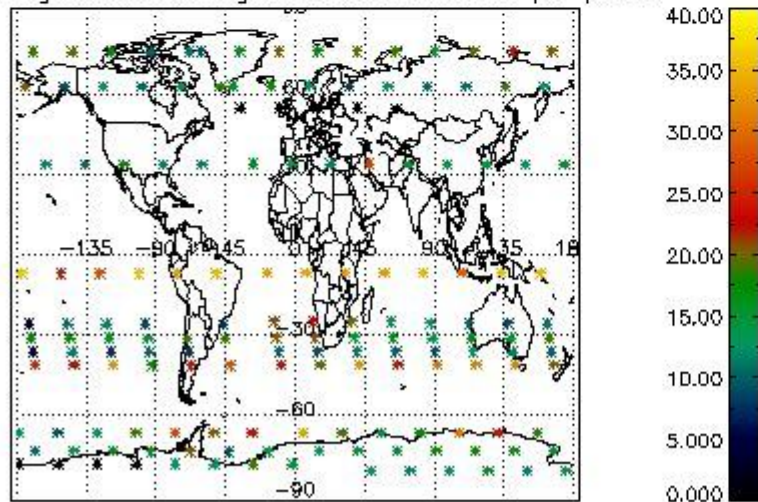
Percentage of cosmic ray hits per profile



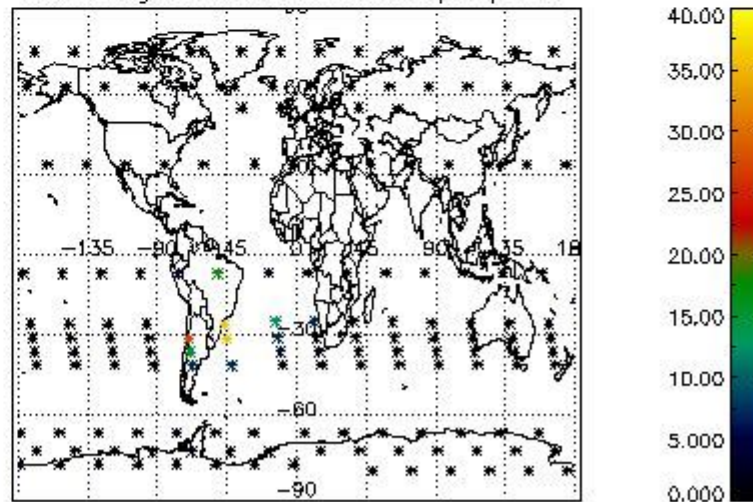
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

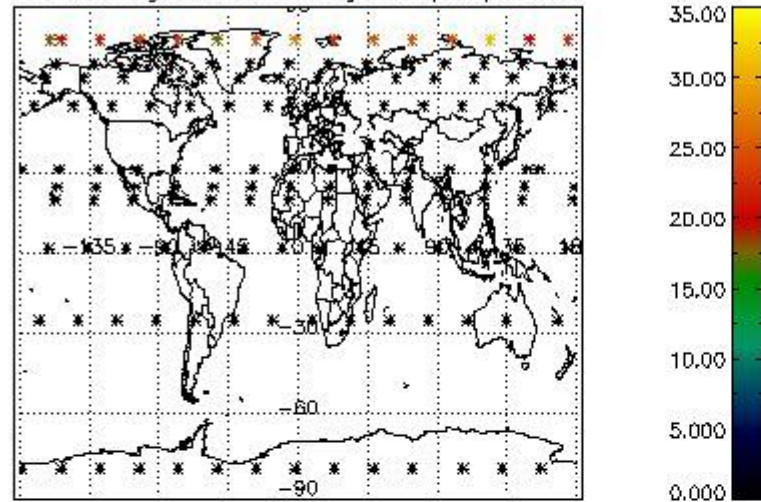


Percentage of saturation errors per profile

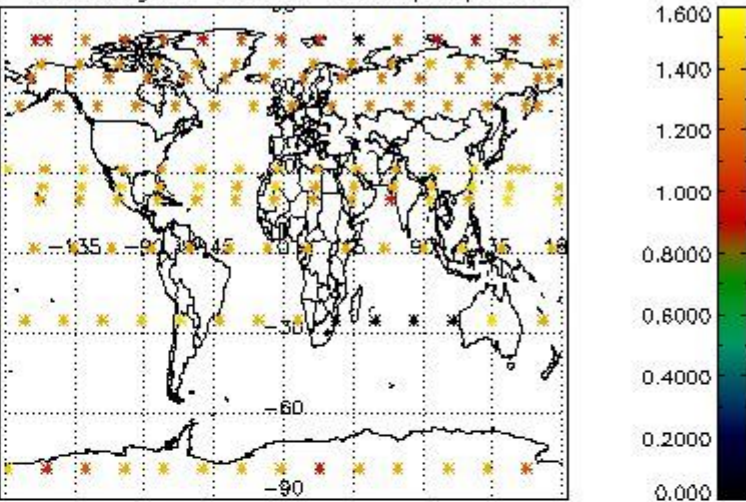


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

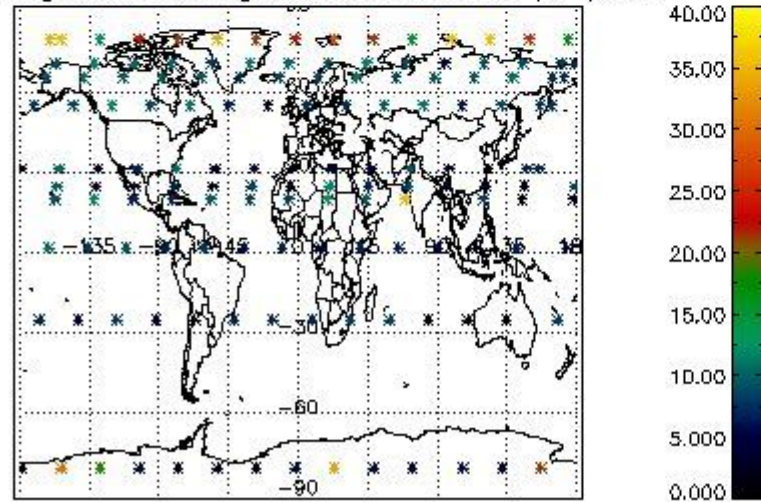
Percentage of cosmic ray hits per profile



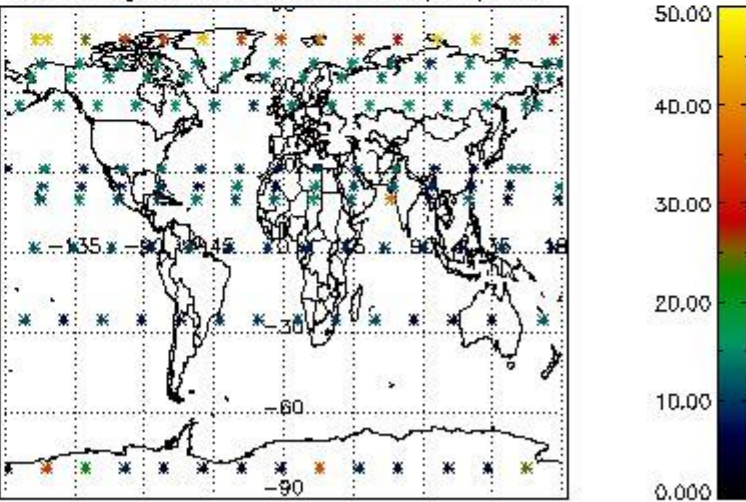
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

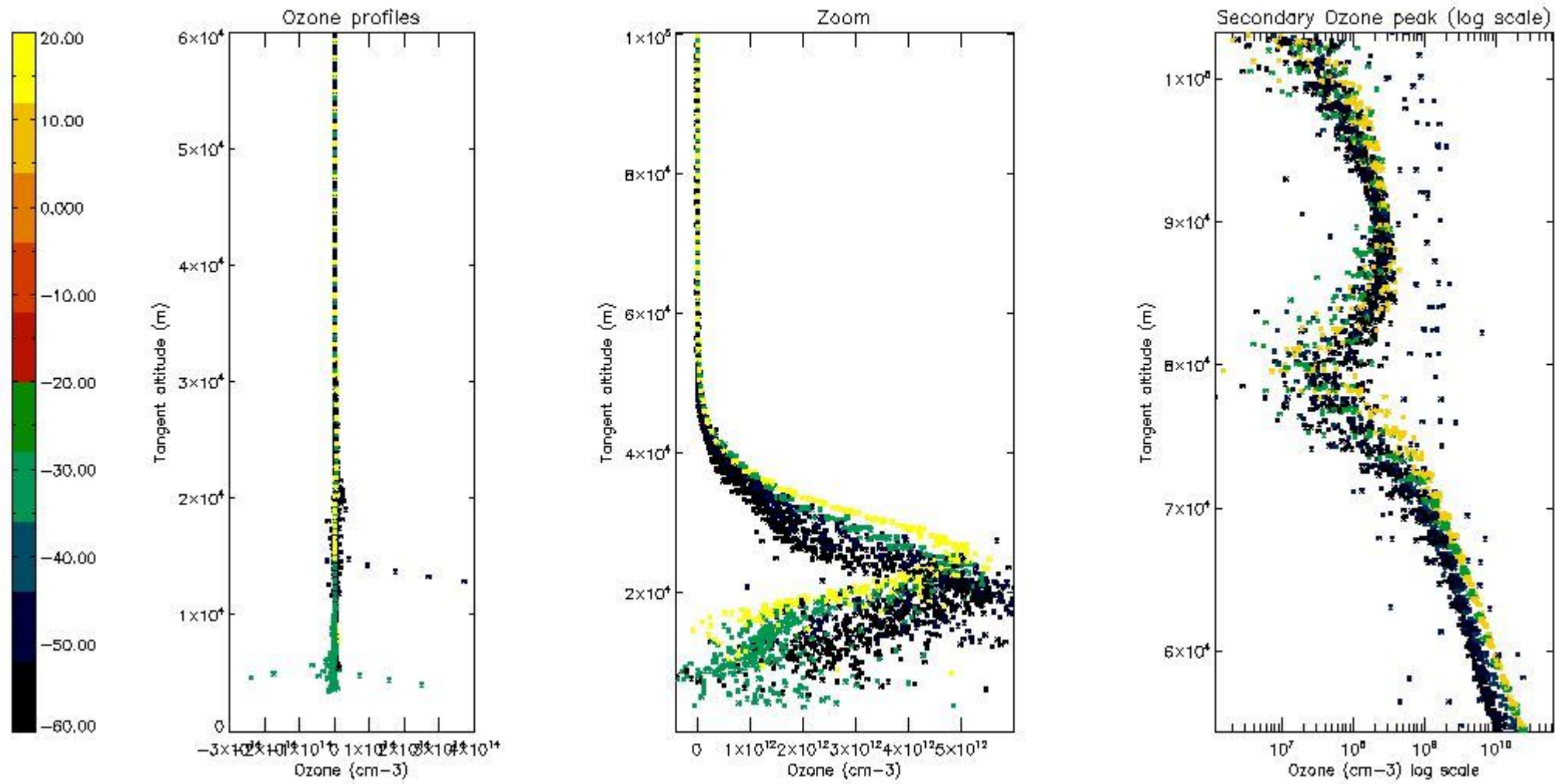
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	30
STD < 20	20

STD < 10	17
STD < 5	13

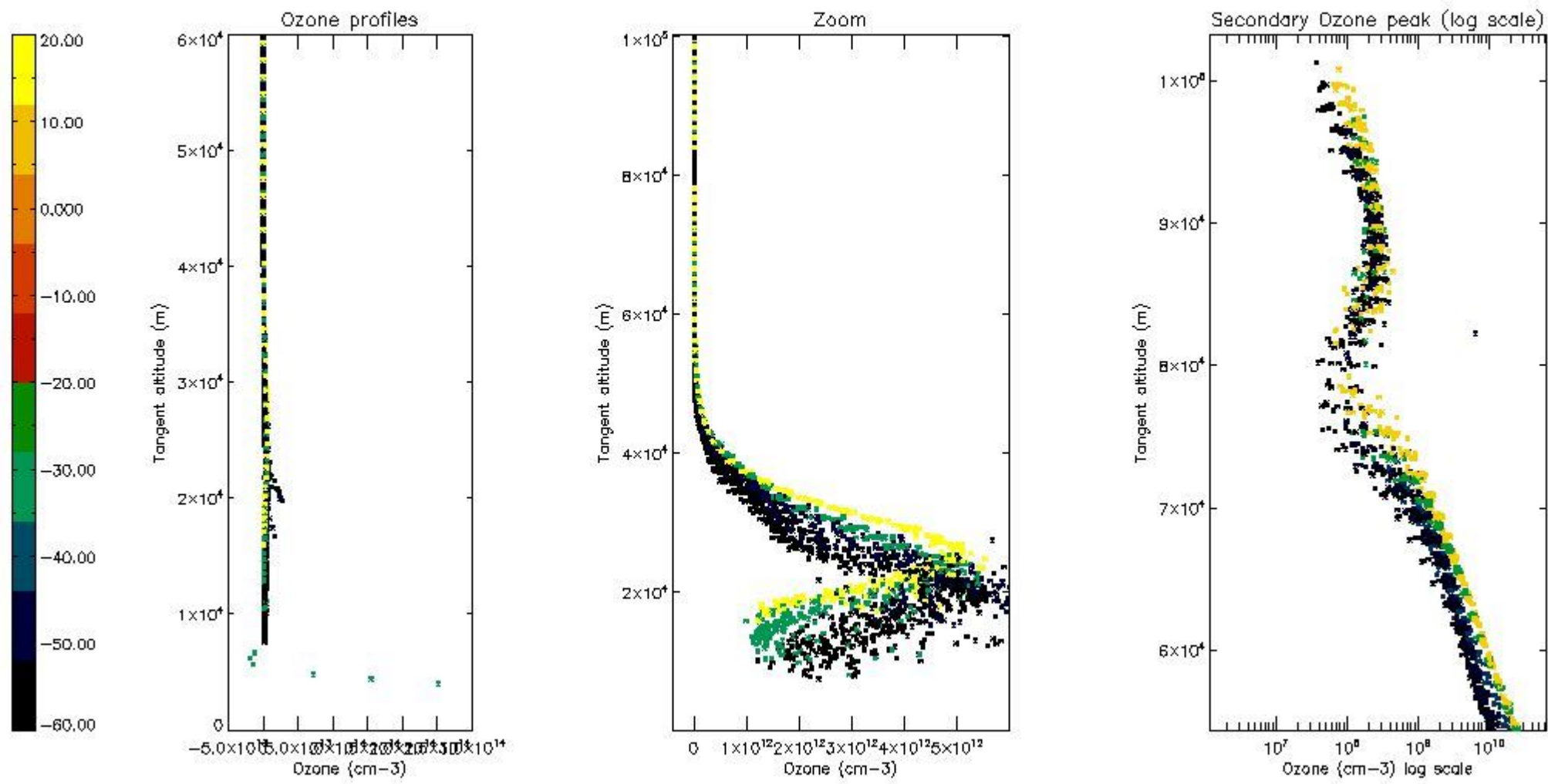
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



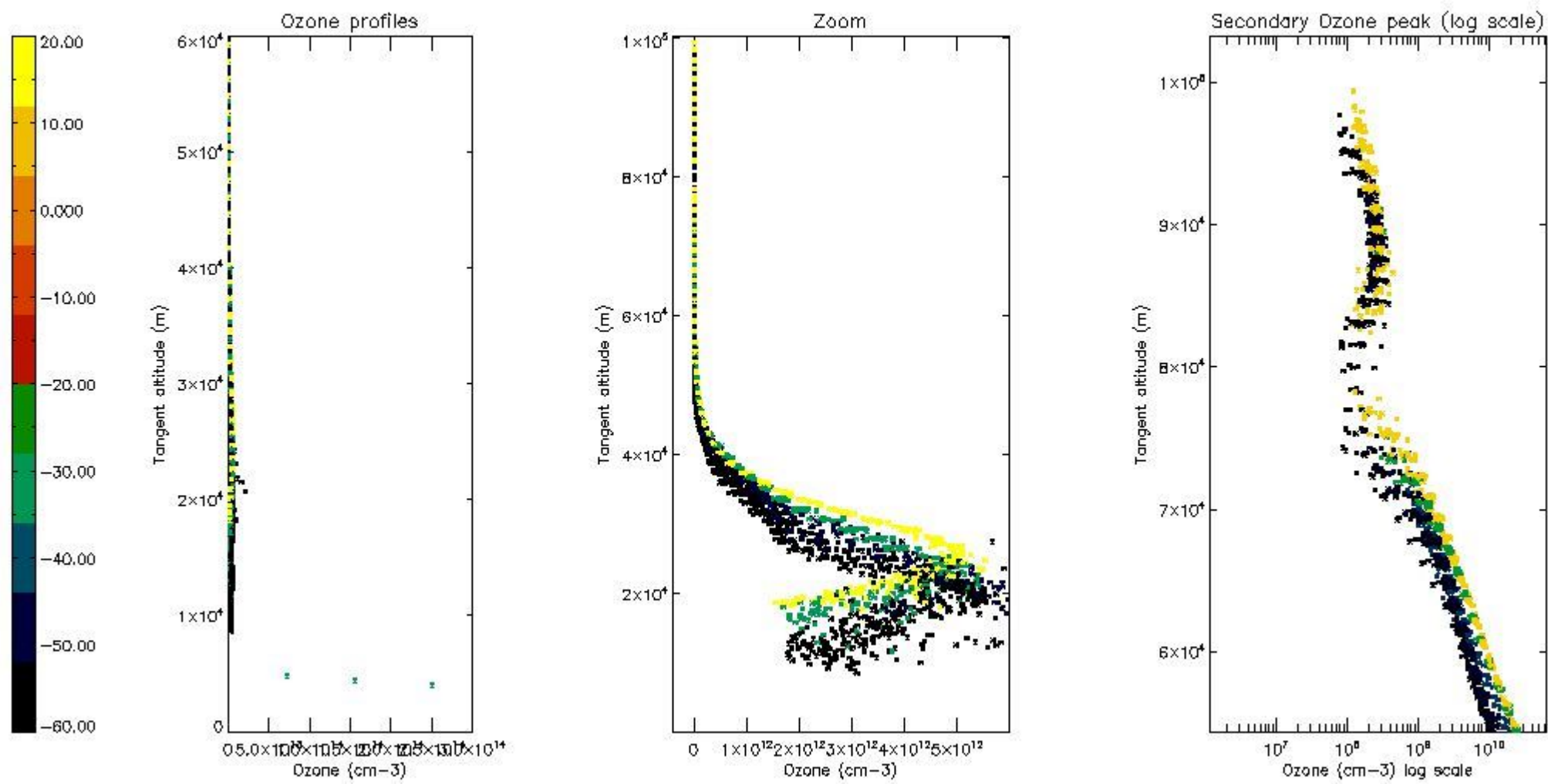
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



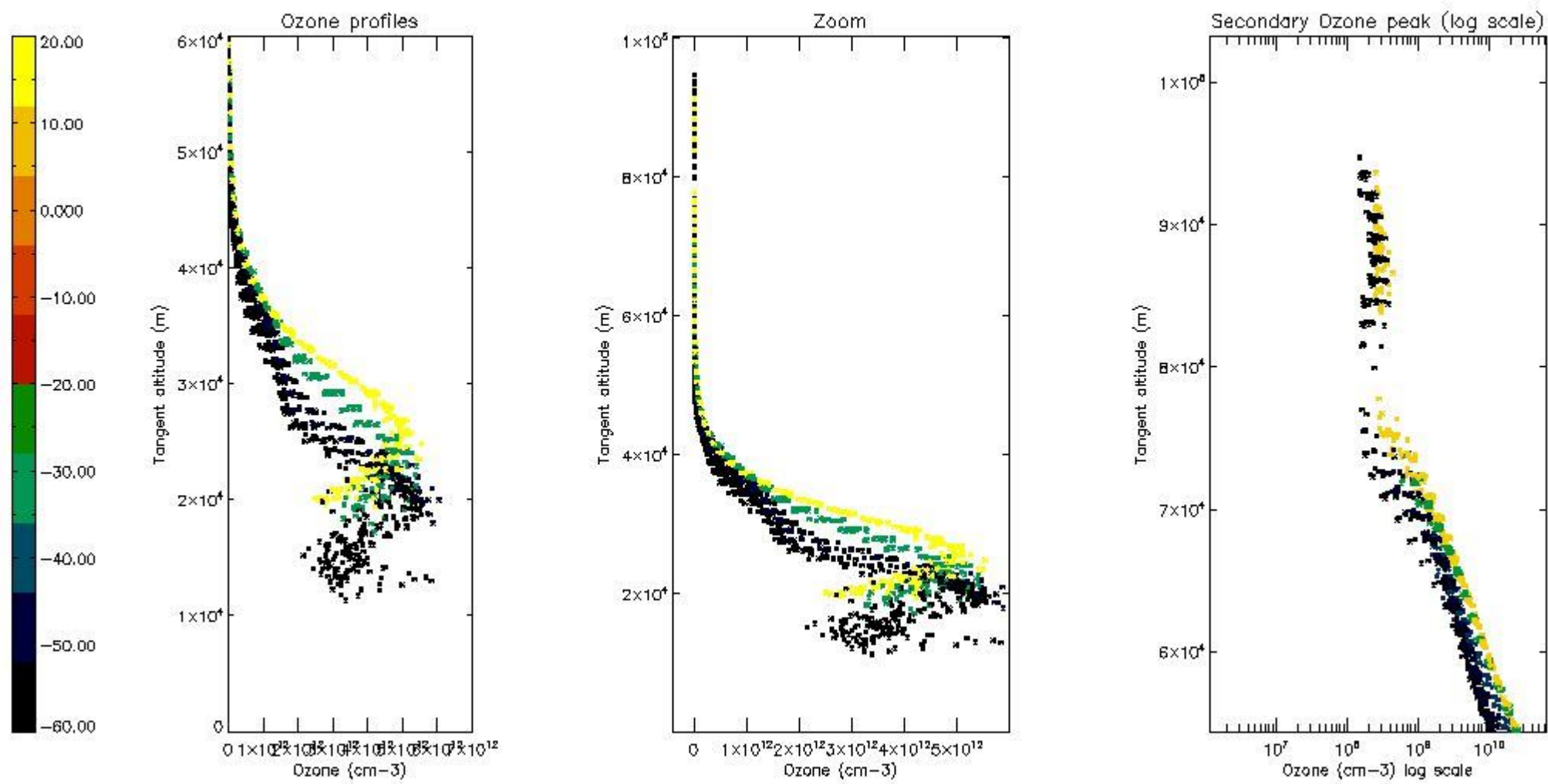
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



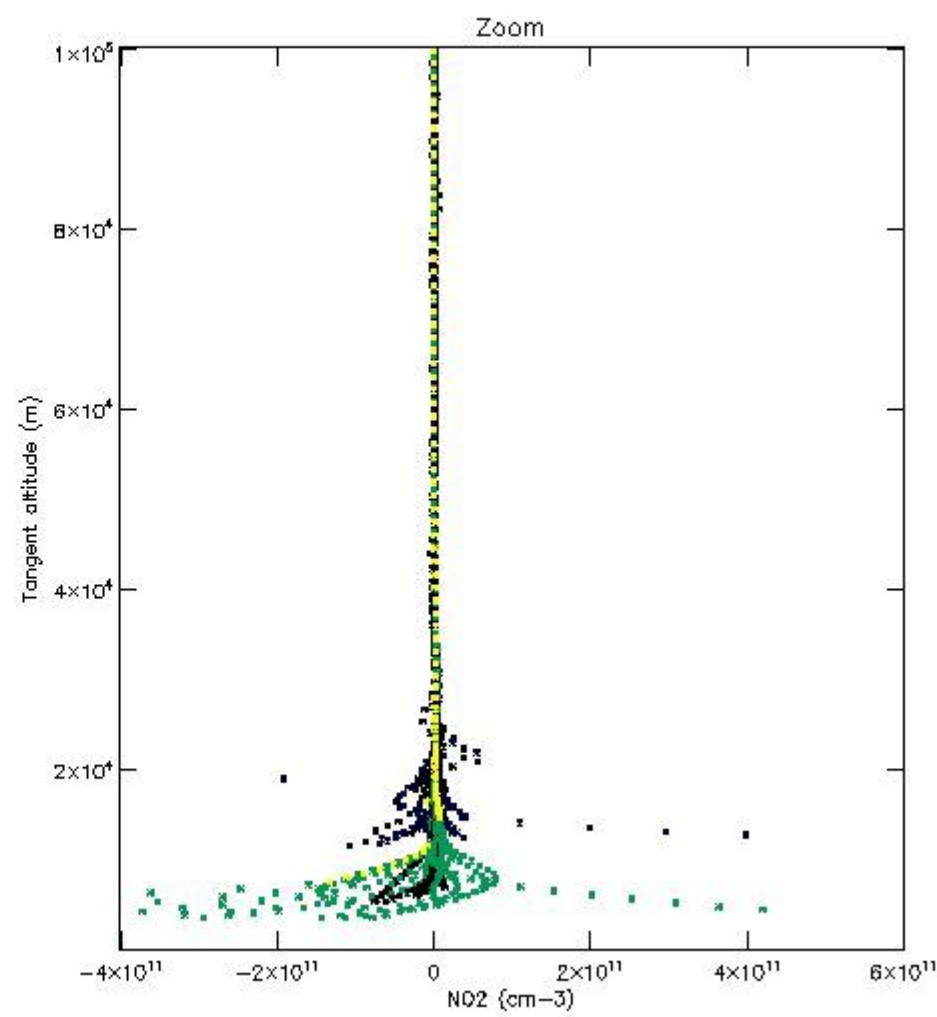
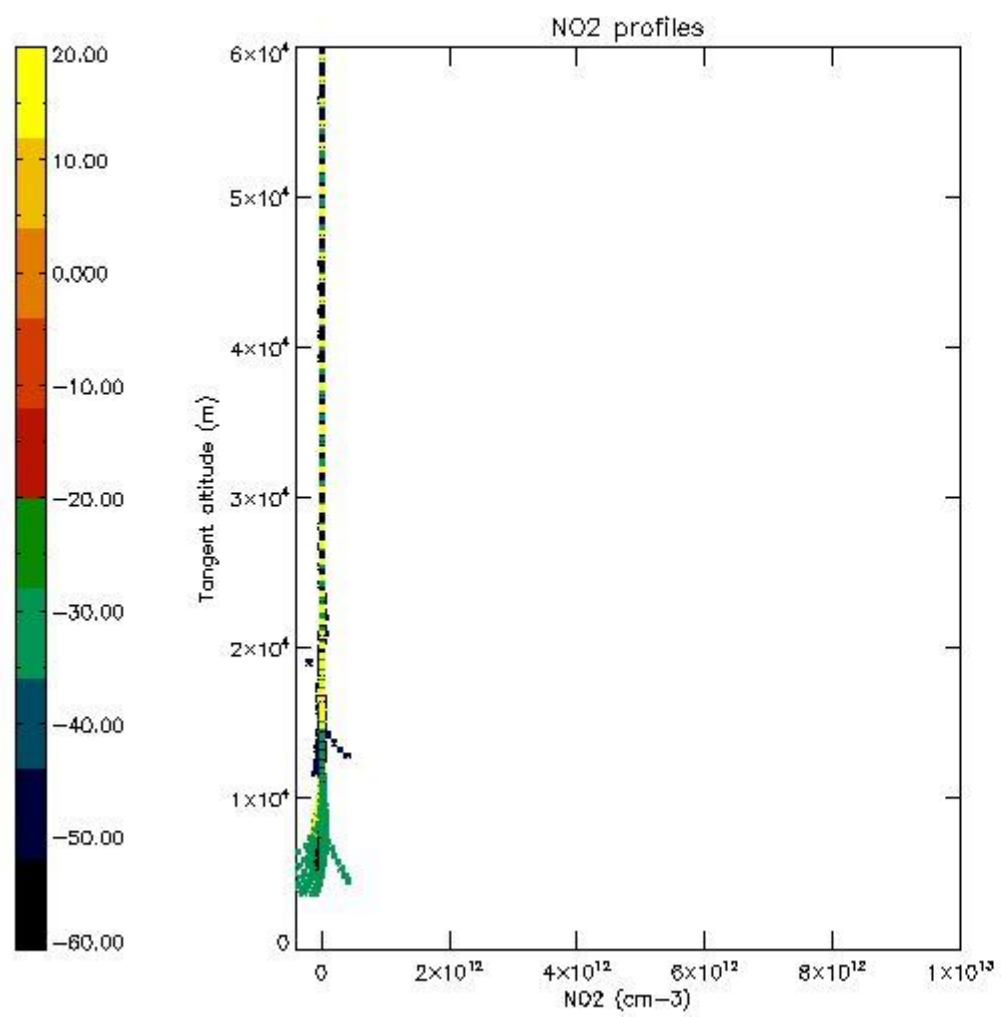
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



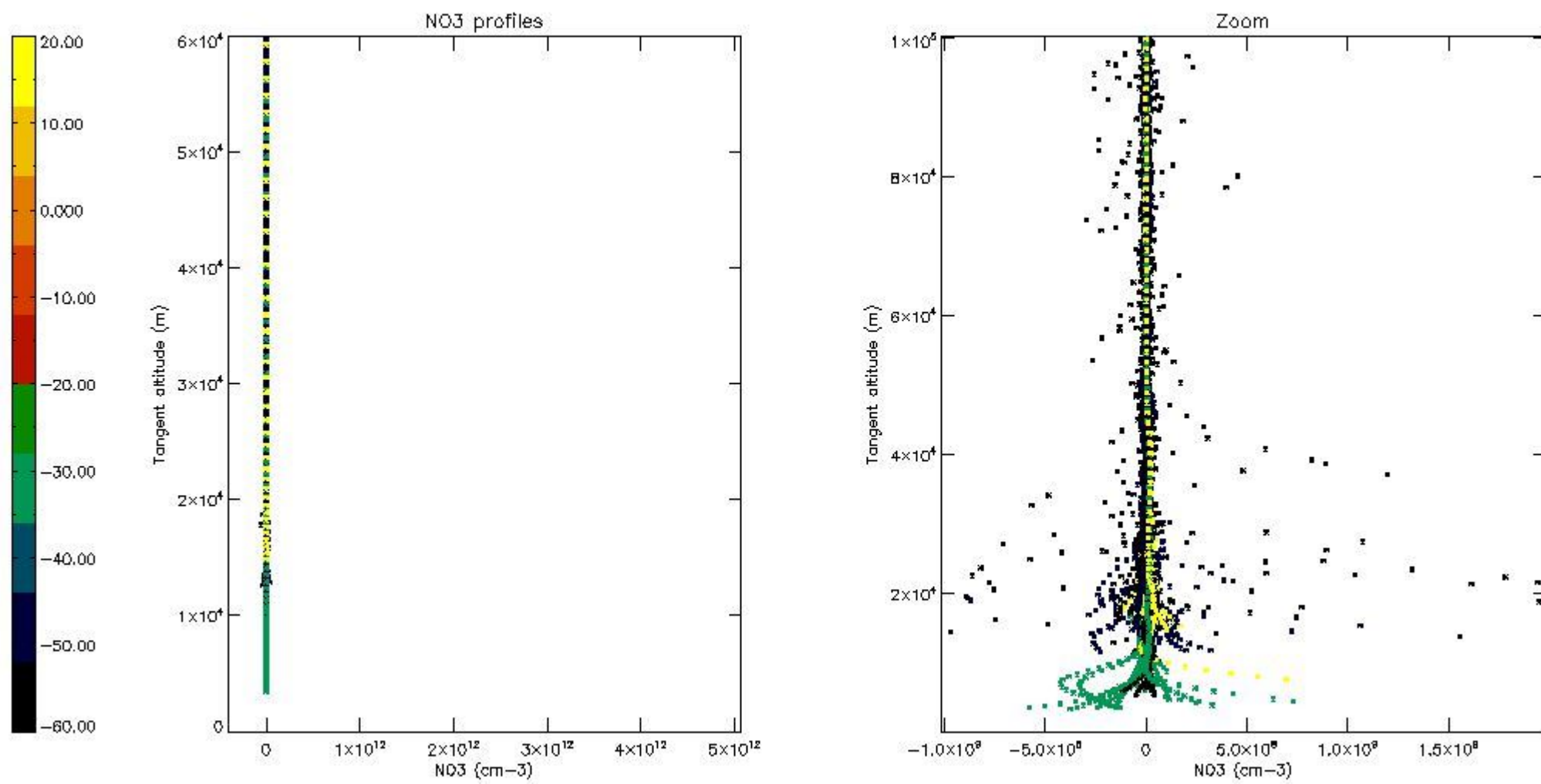
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



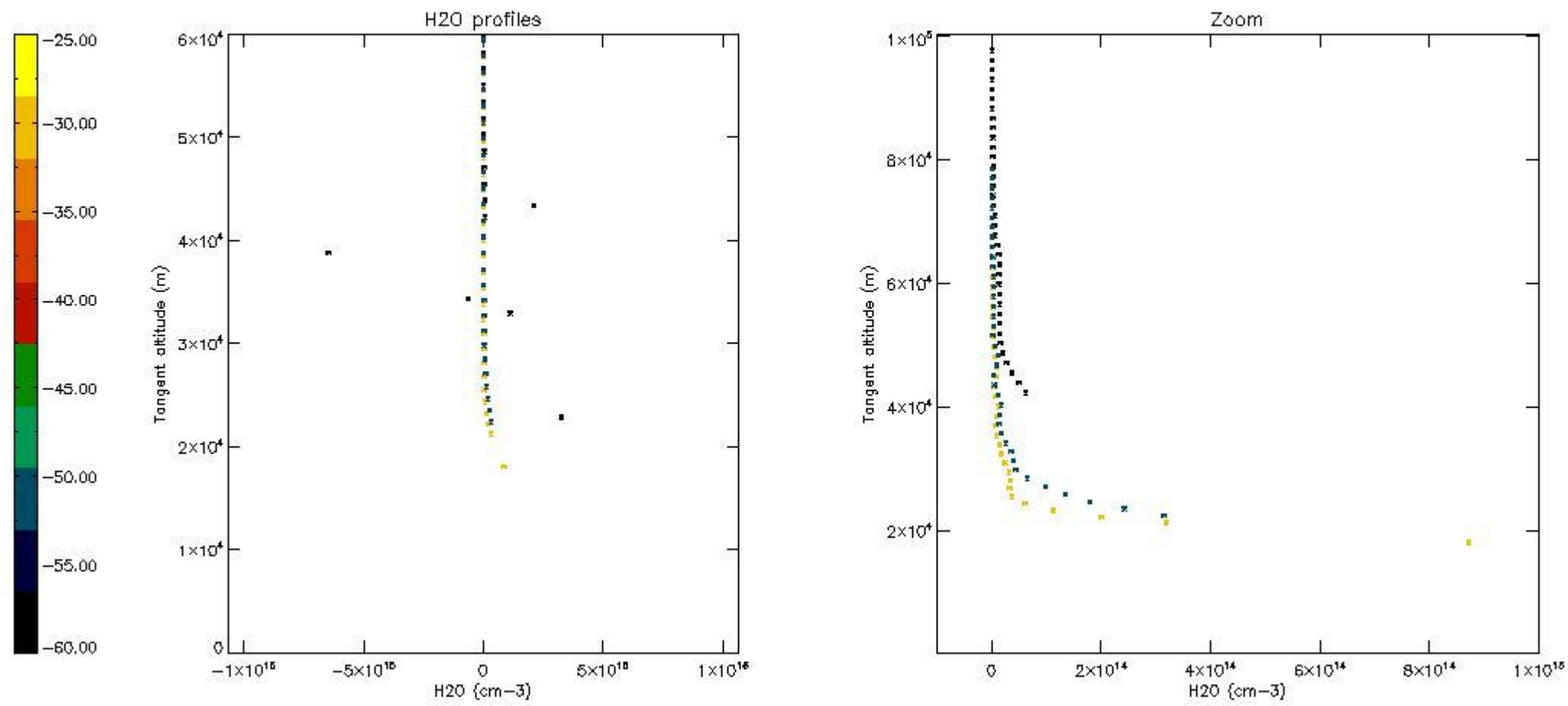
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	27-AUG-2008 00:06:29
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	27-AUG-2008 00:06:29
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	27-AUG-2008 00:06:29

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

[2. Summary of processed GOM_NL_2P products](#)

[3. Level 2 Quality information per product](#)

[3.1 Plot of level 2 quality information per product \(time dependant\)](#)

[3.2 Plot of level 2 quality information per product \(world map\)](#)

[4. Level 1 Quality information per product \(stored on level 2 products\)](#)

[4.1 Plot of level 1 quality information per product \(time dependant\)](#)

[4.1.1 Plot of level 1 quality information per product \(time dependant\): ASCENDING](#)

[4.1.2 Plot of level 1 quality information per product \(time dependant\): DESCENDING](#)

[4.2 Plot of level 1 quality information per product \(world map\)](#)

[4.2.1 Plot of level 1 quality information per product \(world map\): ASCENDING](#)

[4.2.2 Plot of level 1 quality information per product \(world map\): DESCENDING](#)

[5. Ozone profiles based on quality statistics and other trace gas profiles](#)

[5.1 Ozone statistics based on quality of products](#)

[5.2 Plot ozone profiles for all STD \(dark without errors\)](#)

[5.3 Plot ozone profiles where STD < 20% \(dark without errors\)](#)

[5.4. Plot ozone profiles where STD < 10% \(dark without errors\)](#)

[5.5. Plot ozone profiles where STD < 5% \(dark without errors\)](#)

[5.6 Plot NO2 profiles for all STD \(dark without errors\)](#)

[5.7 Plot NO3 profiles for all STD \(dark without errors\)](#)

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

[6. Auxiliary Data Files used for the production reported in section 2](#)

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

Item	Value
Time of report generation	25APR2013 19:19:03
Data source version	GOMOS/6.01
Start time of products	27-08-2008 (27AUG2008 00:00:00)
Stop time of products	28-08-2008 (28AUG2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	304
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__2PRFIN20080827_000629_000000432071_00317_33938_9255.N1	27-AUG-2008 00:06:29	Straylight	43.000	31	Alp Gru	1.7340	15200.	86	33938	No
2	GOM_NL__2PRFIN20080827_001032_000000452071_00317_33938_9256.N1	27-AUG-2008 00:10:32	Straylight	44.500	18	24Alp PsA	1.1660	9700.0	89	33938	No
3	GOM_NL__2PRFIN20080827_001533_000000542071_00317_33938_9257.N1	27-AUG-2008 00:15:33	Bright	53.500	142	49Del Cap	2.8500	8900.0	107	33938	No
4	GOM_NL__2PRFIN20080827_001845_000000382071_00317_33938_9258.N1	27-AUG-2008 00:18:45	Bright	37.500	154	22Bet Aqr	2.8990	5700.0	75	33938	No
5	GOM_NL__2PRFIN20080827_002021_000000412071_00317_33938_9259.N1	27-AUG-2008 00:20:21	Bright	41.000	162	34Alp Aqr	2.9440	5350.0	82	33938	No
6	GOM_NL__2PRFIN20080827_002323_000000402071_00317_33938_9260.N1	27-AUG-2008 00:23:23	Bright	39.500	61	8Eps Peg	2.1000	3900.0	79	33938	No
7	GOM_NL__2PRFIN20080827_003009_000000362071_00317_33938_9261.N1	27-AUG-2008 00:30:09	Bright	36.000	92	53Eps Cyg	2.5000	4500.0	72	33938	No
8	GOM_NL__2PRFIN20080827_003157_000000342071_00317_33938_9262.N1	27-AUG-2008 00:31:57	Bright	34.000	66	37Gam Cyg	2.2080	5900.0	68	33938	No
9	GOM_NL__2PRFIN20080827_003320_000000332071_00317_33938_9263.N1	27-AUG-2008 00:33:20	Bright	33.000	19	50Alp Cyg	1.2460	10500.	66	33938	No
10	GOM_NL__2PRFIN20080827_003826_000000372071_00317_33938_9264.N1	27-AUG-2008 00:38:26	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	33938	No
11	GOM_NL__2PRFIN20080827_004558_000000342071_00317_33938_9265.N1	27-AUG-2008 00:45:58	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	33938	No
12	GOM_NL__2PRFIN20080827_010245_000000372071_00317_33938_9266.N1	27-AUG-2008 01:02:45	Bright	36.500	24	66Alp Gem	1.5800	10200.	73	33938	No
13	GOM_NL__2PRFIN20080827_010629_000000492071_00317_33938_9267.N1	27-AUG-2008 01:06:29	Twilight	49.000	151	13Mu Gem	2.8900	3000.0	98	33938	No
14	GOM_NL__2PRFIN20080827_010810_000000462071_00317_33938_9268.N1	27-AUG-2008 01:08:10	Twilight	46.000	44	24Gam Gem	1.9280	11000.	92	33938	No
15	GOM_NL__2PRFIN20080827_011018_000000452071_00317_33938_9269.N1	27-AUG-2008 01:10:18	Dark	45.000	8	10Alp CMi	0.40000	6500.0	90	33938	No
16	GOM_NL__2PRFIN20080827_011738_000000522071_00317_33938_9270.N1	27-AUG-2008 01:17:38	Dark	51.500	1	9Alp CMa	-1.4400	11000.	103	33938	No
17	GOM_NL__2PRFIN20080827_012030_000000432071_00317_33938_9271.N1	27-AUG-2008 01:20:30	Dark	43.000	23	21Eps CMa	1.5020	26000.	86	33938	No
18	GOM_NL__2PRFIN20080827_012159_000000402071_00317_33938_9272.N1	27-AUG-2008 01:21:59	Dark	39.500	177	1Zet CMa	3.0220	26000.	79	33938	No
19	GOM_NL__2PRFIN20080827_012719_000000532071_00317_33938_9273.N1	27-AUG-2008 01:27:19	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	33938	No
20	GOM_NL__2PRFIN20080827_013841_000000432071_00318_33939_9448.N1	27-AUG-2008 01:38:41	Dark	43.000	9	Alp Eri	0.45300	24000.	86	33939	No
21	GOM_NL__2PRFIN20080827_014705_000000402071_00318_33939_9449.N1	27-AUG-2008 01:47:05	Straylight	40.000	31	Alp Gru	1.7340	15200.	80	33939	No
22	GOM_NL__2PRFIN20080827_015108_000000452071_00318_33939_9450.N1	27-AUG-2008 01:51:08	Straylight	44.500	18	24Alp PsA	1.1660	9700.0	89	33939	No
23	GOM_NL__2PRFIN20080827_015609_000000432071_00318_33939_9451.N1	27-AUG-2008 01:56:09	Bright	42.500	142	49Del Cap	2.8500	8900.0	85	33939	No
24	GOM_NL__2PRFIN20080827_015921_000000382071_00318_33939_9452.N1	27-AUG-2008 01:59:21	Bright	38.000	154	22Bet Aqr	2.8990	5700.0	76	33939	No
25	GOM_NL__2PRFIN20080827_020057_000000422071_00318_33939_9453.N1	27-AUG-2008 02:00:57	Bright	42.000	162	34Alp Aqr	2.9440	5350.0	84	33939	No
26	GOM_NL__2PRFIN20080827_020359_000000402071_00318_33939_9454.N1	27-AUG-2008 02:03:59	Bright	39.500	61	8Eps Peg	2.1000	3900.0	79	33939	No
27	GOM_NL__2PRFIN20080827_021044_000000342071_00318_33939_9455.N1	27-AUG-2008 02:10:44	Bright	33.500	92	53Eps Cyg	2.5000	4500.0	67	33939	No
28	GOM_NL__2PRFIN20080827_021233_000000342071_00318_33939_9456.N1	27-AUG-2008 02:12:33	Bright	33.500	66	37Gam Cyg	2.2080	5900.0	67	33939	No
29	GOM_NL__2PRFIN20080827_021356_000000372071_00318_33939_9457.N1	27-AUG-2008 02:13:56	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	33939	No
30	GOM_NL__2PRFIN20080827_021902_000000352071_00318_33939_9458.N1	27-AUG-2008 02:19:02	Bright	34.500	89	5Alp Cep	2.4510	8000.0	69	33939	No
31	GOM_NL__2PRFIN20080827_022634_000000332071_00318_33939_9459.N1	27-AUG-2008 02:26:34	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	33939	No
32	GOM_NL__2PRFIN20080827_024321_000000372071_00318_33939_9460.N1	27-AUG-2008 02:43:21	Bright	37.000	24	66Alp Gem	1.5800	10200.	74	33939	No
33	GOM_NL__2PRFIN20080827_024705_000000512071_00318_33939_9461.N1	27-AUG-2008 02:47:05	Twilight	51.000	151	13Mu Gem	2.8900	3000.0	102	33939	No
34	GOM_NL__2PRFIN20080827_024846_000000432071_00318_33939_9462.N1	27-AUG-2008 02:48:46	Twilight	43.000	44	24Gam Gem	1.9280	11000.	86	33939	No
35	GOM_NL__2PRFIN20080827_025054_000000442071_00318_33939_9463.N1	27-AUG-2008 02:50:54	Dark	43.500	8	10Alp CMi	0.40000	6500.0	87	33939	No
36	GOM_NL__2PRFIN20080827_025815_000000482071_00318_33939_9464.N1	27-AUG-2008 02:58:15	Dark	48.000	1	9Alp CMa	-1.4400	11000.	96	33939	No
37	GOM_NL__2PRFIN20080827_025939_000000382071_00318_33939_9465.N1	27-AUG-2008 02:59:39	Dark	38.000	179	24Omi2CMa	3.0320	24000.	76	33939	No
38	GOM_NL__2PRFIN20080827_030107_000000432071_00318_33939_9466.N1	27-AUG-2008 03:01:07	Dark	42.500	23	21Eps CMa	1.5020	26000.	85	33939	No
39	GOM_NL__2PRFIN20080827_030755_000000522071_00318_33939_9467.N1	27-AUG-2008 03:07:55	Dark	51.500	2	Alp Car	-0.73600	7000.0	103	33939	No
40	GOM_NL__2PRFIN20080827_031918_000000432071_00319_33940_9455.N1	27-AUG-2008 03:19:18	Dark	43.000	9	Alp Eri	0.45300	24000.	86	33940	No
41	GOM_NL__2PRFIN20080827_032742_000000392071_00319_33940_9456.N1	27-AUG-2008 03:27:42	Straylight	38.500	31	Alp Gru	1.7340	15200.	77	33940	No
42	GOM_NL__2PRFIN20080827_033145_000000482071_00319_33940_9457.N1	27-AUG-2008 03:31:45	Straylight	47.500	18	24Alp PsA	1.1660	9700.0	95	33940	No

43	GOM_NL__2PRFIN20080827_033645_000000472071_00319_33940_9458.N1	27-AUG-2008 03:36:45	Bright	47.000	142	49Del Cap	2.8500	8900.0	94	33940	No
44	GOM_NL__2PRFIN20080827_033957_000000392071_00319_33940_9459.N1	27-AUG-2008 03:39:57	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	33940	No
45	GOM_NL__2PRFIN20080827_034133_000000422071_00319_33940_9460.N1	27-AUG-2008 03:41:33	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	33940	No
46	GOM_NL__2PRFIN20080827_034435_000000392071_00319_33940_9461.N1	27-AUG-2008 03:44:35	Bright	39.000	61	8Eps Peg	2.1000	3900.0	78	33940	No
47	GOM_NL__2PRFIN20080827_035120_000000352071_00319_33940_9462.N1	27-AUG-2008 03:51:20	Bright	34.500	92	53Eps Cyg	2.5000	4500.0	69	33940	No
48	GOM_NL__2PRFIN20080827_035309_000000352071_00319_33940_9463.N1	27-AUG-2008 03:53:09	Bright	34.500	66	37Gam Cyg	2.2080	5900.0	69	33940	No
49	GOM_NL__2PRFIN20080827_035432_000000342071_00319_33940_9464.N1	27-AUG-2008 03:54:32	Bright	34.000	19	50Alp Cyg	1.2460	10500.	68	33940	No
50	GOM_NL__2PRFIN20080827_035938_000000362071_00319_33940_9465.N1	27-AUG-2008 03:59:38	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	33940	No
51	GOM_NL__2PRFIN20080827_040710_000000342071_00319_33940_9466.N1	27-AUG-2008 04:07:10	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	33940	No
52	GOM_NL__2PRFIN20080827_042357_000000522071_00319_33940_9467.N1	27-AUG-2008 04:23:57	Bright	52.000	24	66Alp Gem	1.5800	10200.	104	33940	No
53	GOM_NL__2PRFIN20080827_042741_000000472071_00319_33940_9468.N1	27-AUG-2008 04:27:41	Twilight	47.000	151	13Mu Gem	2.8900	3000.0	94	33940	No
54	GOM_NL__2PRFIN20080827_042923_000000492071_00319_33940_9469.N1	27-AUG-2008 04:29:23	Twilight	49.000	44	24Gam Gem	1.9280	11000.	98	33940	No
55	GOM_NL__2PRFIN20080827_043130_000000482071_00319_33940_9470.N1	27-AUG-2008 04:31:30	Twilight	47.500	8	10Alp CMi	0.40000	6500.0	95	33940	No
56	GOM_NL__2PRFIN20080827_043851_000000452071_00319_33940_9471.N1	27-AUG-2008 04:38:51	Dark	45.000	1	9Alp CMa	-1.4400	11000.	90	33940	No
57	GOM_NL__2PRFIN20080827_044015_000000392071_00319_33940_9472.N1	27-AUG-2008 04:40:15	Dark	38.500	179	24Omi2CMa	3.0320	24000.	77	33940	No
58	GOM_NL__2PRFIN20080827_044143_000000412071_00319_33940_9473.N1	27-AUG-2008 04:41:43	Dark	40.500	23	21Eps CMa	1.5020	26000.	81	33940	No
59	GOM_NL__2PRFIN20080827_044312_000000402071_00319_33940_9474.N1	27-AUG-2008 04:43:12	Dark	40.000	177	1Zet CMa	3.0220	26000.	80	33940	No
60	GOM_NL__2PRFIN20080827_044831_000000532071_00319_33940_9475.N1	27-AUG-2008 04:48:31	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	33940	No
61	GOM_NL__2PRFIN20080827_045954_000000462071_00320_33941_9460.N1	27-AUG-2008 04:59:54	Dark	45.500	9	Alp Eri	0.45300	24000.	91	33941	No
62	GOM_NL__2PRFIN20080827_050818_000000412071_00320_33941_9461.N1	27-AUG-2008 05:08:18	Straylight	40.500	31	Alp Gru	1.7340	15200.	81	33941	No
63	GOM_NL__2PRFIN20080827_051221_000000492071_00320_33941_9462.N1	27-AUG-2008 05:12:21	Straylight	49.000	18	24Alp PsA	1.1660	9700.0	98	33941	No
64	GOM_NL__2PRFIN20080827_051721_000000552071_00320_33941_9463.N1	27-AUG-2008 05:17:21	Bright	55.000	142	49Del Cap	2.8500	8900.0	110	33941	No
65	GOM_NL__2PRFIN20080827_052033_000000372071_00320_33941_9464.N1	27-AUG-2008 05:20:33	Bright	36.500	154	22Bet Aqr	2.8990	5700.0	73	33941	No
66	GOM_NL__2PRFIN20080827_052209_000000422071_00320_33941_9465.N1	27-AUG-2008 05:22:09	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	33941	No
67	GOM_NL__2PRFIN20080827_052511_000000412071_00320_33941_9466.N1	27-AUG-2008 05:25:11	Bright	41.000	61	8Eps Peg	2.1000	3900.0	82	33941	No
68	GOM_NL__2PRFIN20080827_053157_000000372071_00320_33941_9467.N1	27-AUG-2008 05:31:57	Bright	37.000	92	53Eps Cyg	2.5000	4500.0	74	33941	No
69	GOM_NL__2PRFIN20080827_053345_000000372071_00320_33941_9468.N1	27-AUG-2008 05:33:45	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	33941	No
70	GOM_NL__2PRFIN20080827_053508_000000522071_00320_33941_9469.N1	27-AUG-2008 05:35:08	Bright	52.000	19	50Alp Cyg	1.2460	10500.	104	33941	No
71	GOM_NL__2PRFIN20080827_054014_000000372071_00320_33941_9470.N1	27-AUG-2008 05:40:14	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	33941	No
72	GOM_NL__2PRFIN20080827_054746_000000362071_00320_33941_9471.N1	27-AUG-2008 05:47:46	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33941	No
73	GOM_NL__2PRFIN20080827_060434_000000372071_00320_33941_9472.N1	27-AUG-2008 06:04:34	Bright	36.500	24	66Alp Gem	1.5800	10200.	73	33941	No
74	GOM_NL__2PRFIN20080827_060817_000000472071_00320_33941_9473.N1	27-AUG-2008 06:08:17	Twilight	47.000	151	13Mu Gem	2.8900	3000.0	94	33941	No
75	GOM_NL__2PRFIN20080827_060959_000000472071_00320_33941_9474.N1	27-AUG-2008 06:09:59	Twilight	47.000	44	24Gam Gem	1.9280	11000.	94	33941	No
76	GOM_NL__2PRFIN20080827_061207_000000432071_00320_33941_9475.N1	27-AUG-2008 06:12:07	Twilight	42.500	8	10Alp CMi	0.40000	6500.0	85	33941	No
77	GOM_NL__2PRFIN20080827_061928_000000542071_00320_33941_9476.N1	27-AUG-2008 06:19:28	Dark	54.000	1	9Alp CMa	-1.4400	11000.	108	33941	No
78	GOM_NL__2PRFIN20080827_062051_000000392071_00320_33941_9477.N1	27-AUG-2008 06:20:51	Dark	38.500	179	24Omi2CMa	3.0320	24000.	77	33941	No
79	GOM_NL__2PRFIN20080827_062220_000000422071_00320_33941_9478.N1	27-AUG-2008 06:22:20	Dark	41.500	23	21Eps CMa	1.5020	26000.	83	33941	No
80	GOM_NL__2PRFIN20080827_062349_000000422071_00320_33941_9479.N1	27-AUG-2008 06:23:49	Dark	41.500	177	1Zet CMa	3.0220	26000.	83	33941	No
81	GOM_NL__2PRFIN20080827_062908_000000472071_00320_33941_9480.N1	27-AUG-2008 06:29:08	Dark	46.500	2	Alp Car	-0.73600	7000.0	93	33941	No
82	GOM_NL__2PRFIN20080827_064031_000000422071_00321_33942_9477.N1	27-AUG-2008 06:40:31	Dark	42.000	9	Alp Eri	0.45300	24000.	84	33942	No
83	GOM_NL__2PRFIN20080827_064854_000000382071_00321_33942_9478.N1	27-AUG-2008 06:48:54	Straylight	38.000	31	Alp Gru	1.7340	15200.	76	33942	No
84	GOM_NL__2PRFIN20080827_065257_000000492071_00321_33942_9479.N1	27-AUG-2008 06:52:57	Straylight	48.500	18	24Alp PsA	1.1660	9700.0	97	33942	No
85	GOM_NL__2PRFIN20080827_065757_000000552071_00321_33942_9480.N1	27-AUG-2008 06:57:57	Bright	55.000	142	49Del Cap	2.8500	8900.0	110	33942	No
86	GOM_NL__2PRFIN20080827_070109_000000382071_00321_33942_9481.N1	27-AUG-2008 07:01:09	Bright	38.000	154	22Bet Aqr	2.8990	5700.0	76	33942	No
87	GOM_NL__2PRFIN20080827_070245_000000412071_00321_33942_9482.N1	27-AUG-2008 07:02:45	Bright	41.000	162	34Alp Aqr	2.9440	5350.0	82	33942	No
88	GOM_NL__2PRFIN20080827_070547_000000412071_00321_33942_9483.N1	27-AUG-2008 07:05:47	Bright	40.500	61	8Eps Peg	2.1000	3900.0	81	33942	No
89	GOM_NL__2PRFIN20080827_071232_000000352071_00321_33942_9484.N1	27-AUG-2008 07:12:32	Bright	35.000	92	53Eps Cyg	2.5000	4500.0	70	33942	No
90	GOM_NL__2PRFIN20080827_071421_000000362071_00321_33942_9485.N1	27-AUG-2008 07:14:21	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	33942	No
91	GOM_NL__2PRFIN20080827_071544_000000372071_00321_33942_9486.N1	27-AUG-2008 07:15:44	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	33942	No
92	GOM_NL__2PRFIN20080827_072050_000000372071_00321_33942_9487.N1	27-AUG-2008 07:20:50	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	33942	No
93	GOM_NL__2PRFIN20080827_072822_000000362071_00321_33942_9488.N1	27-AUG-2008 07:28:22	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33942	No
94	GOM_NL__2PRFIN20080827_074510_000000362071_00321_33942_9489.N1	27-AUG-2008 07:45:10	Bright	35.500	24	66Alp Gem	1.5800	10200.	71	33942	No
95	GOM_NL__2PRFIN20080827_074854_000000362071_00321_33942_9490.N1	27-AUG-2008 07:48:54	Twilight	36.000	151	13Mu Gem	2.8900	3000.0	72	33942	No
96	GOM_NL__2PRFIN20080827_075035_000000472071_00321_33942_9491.N1	27-AUG-2008 07:50:35	Twilight	47.000	44	24Gam Gem	1.9280	11000.	94	33942	No
97	GOM_NL__2PRFIN20080827_075243_000000402071_00321_33942_9492.N1	27-AUG-2008 07:52:43	Twilight	40.000	8	10Alp CMi	0.40000	6500.0	80	33942	No
98	GOM_NL__2PRFIN20080827_080004_000000482071_00321_33942_9493.N1	27-AUG-2008 08:00:04	Dark	47.500	1	9Alp CMa	-1.4400	11000.	95	33942	No
99	GOM_NL__2PRFIN20080827_080128_000000402071_00321_33942_9494.N1	27-AUG-2008 08:01:28	Dark	39.500	179	24Omi2CMa	3.0320	24000.	79	33942	No
100	GOM_NL__2PRFIN20080827_080256_000000432071_00321_33942_9495.N1	27-AUG-2008 08:02:56	Dark	42.500	23	21Eps CMa	1.5020	26000.	85	33942	No
101	GOM_NL__2PRFIN20080827_080425_000000422071_00321_33942_9496.N1	27-AUG-2008 08:04:25	Dark	41.500	177	1Zet CMa	3.0220	26000.	83	33942	No

102	GOM_NL__2PRFIN20080827_080944_000000442071_00321_33942_9497.N1	27-AUG-2008 08:09:44	Dark	44.000	2	Alp Car	-0.73600	7000.0	88	33942	No
103	GOM_NL__2PRFIN20080827_082107_000000432071_00322_33943_9561.N1	27-AUG-2008 08:21:07	Dark	42.500	9	Alp Eri	0.45300	24000.	85	33943	No
104	GOM_NL__2PRFIN20080827_082930_000000442071_00322_33943_9562.N1	27-AUG-2008 08:29:30	Straylight	43.500	31	Alp Gru	1.7340	15200.	87	33943	No
105	GOM_NL__2PRFIN20080827_083333_000000502071_00322_33943_9563.N1	27-AUG-2008 08:33:33	Straylight	49.500	18	24Alp PsA	1.1660	9700.0	99	33943	No
106	GOM_NL__2PRFIN20080827_083833_000000422071_00322_33943_9564.N1	27-AUG-2008 08:38:33	Bright	42.000	142	49Del Cap	2.8500	8900.0	84	33943	No
107	GOM_NL__2PRFIN20080827_084145_000000392071_00322_33943_9565.N1	27-AUG-2008 08:41:45	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	33943	No
108	GOM_NL__2PRFIN20080827_084321_000000422071_00322_33943_9566.N1	27-AUG-2008 08:43:21	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	33943	No
109	GOM_NL__2PRFIN20080827_084622_000000402071_00322_33943_9567.N1	27-AUG-2008 08:46:22	Bright	39.500	61	8Eps Peg	2.1000	3900.0	79	33943	No
110	GOM_NL__2PRFIN20080827_085308_000000352071_00322_33943_9568.N1	27-AUG-2008 08:53:08	Bright	35.000	92	53Eps Cyg	2.5000	4500.0	70	33943	No
111	GOM_NL__2PRFIN20080827_085457_000000382071_00322_33943_9569.N1	27-AUG-2008 08:54:57	Bright	37.500	66	37Gam Cyg	2.2080	5900.0	75	33943	No
112	GOM_NL__2PRFIN20080827_085620_000000392071_00322_33943_9570.N1	27-AUG-2008 08:56:20	Bright	38.500	19	50Alp Cyg	1.2460	10500.	77	33943	No
113	GOM_NL__2PRFIN20080827_090125_000000372071_00322_33943_9571.N1	27-AUG-2008 09:01:25	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	33943	No
114	GOM_NL__2PRFIN20080827_090858_000000362071_00322_33943_9572.N1	27-AUG-2008 09:08:58	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33943	No
115	GOM_NL__2PRFIN20080827_092546_000000352071_00322_33943_9573.N1	27-AUG-2008 09:25:46	Bright	35.000	24	66Alp Gem	1.5800	10200.	70	33943	No
116	GOM_NL__2PRFIN20080827_092930_000000362071_00322_33943_9574.N1	27-AUG-2008 09:29:30	Tw_i_and_stray	36.000	151	13Mu Gem	2.8900	3000.0	72	33943	No
117	GOM_NL__2PRFIN20080827_093112_000000462071_00322_33943_9575.N1	27-AUG-2008 09:31:12	Tw_i_and_stray	45.500	44	24Gam Gem	1.9280	11000.	91	33943	No
118	GOM_NL__2PRFIN20080827_093319_000000382071_00322_33943_9576.N1	27-AUG-2008 09:33:19	Twilight	38.000	8	10Alp CMi	0.40000	6500.0	76	33943	No
119	GOM_NL__2PRFIN20080827_094041_000000502071_00322_33943_9577.N1	27-AUG-2008 09:40:41	Dark	49.500	1	9Alp CMa	-1.4400	11000.	99	33943	No
120	GOM_NL__2PRFIN20080827_094204_000000372071_00322_33943_9578.N1	27-AUG-2008 09:42:04	Dark	37.000	179	24Omi2CMa	3.0320	24000.	74	33943	No
121	GOM_NL__2PRFIN20080827_094332_000000422071_00322_33943_9579.N1	27-AUG-2008 09:43:32	Dark	42.000	23	21Eps CMa	1.5020	26000.	84	33943	No
122	GOM_NL__2PRFIN20080827_094502_000000392071_00322_33943_9580.N1	27-AUG-2008 09:45:02	Dark	39.000	177	1Zet CMa	3.0220	26000.	78	33943	No
123	GOM_NL__2PRFIN20080827_095020_000000532071_00322_33943_9581.N1	27-AUG-2008 09:50:20	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	33943	No
124	GOM_NL__2PRFIN20080827_100144_000000452071_00323_33944_9582.N1	27-AUG-2008 10:01:44	Dark	44.500	9	Alp Eri	0.45300	24000.	89	33944	No
125	GOM_NL__2PRFIN20080827_101006_000000402071_00323_33944_9583.N1	27-AUG-2008 10:10:06	Straylight	39.500	31	Alp Gru	1.7340	15200.	79	33944	No
126	GOM_NL__2PRFIN20080827_101410_000000502071_00323_33944_9584.N1	27-AUG-2008 10:14:10	Straylight	50.000	18	24Alp PsA	1.1660	9700.0	100	33944	No
127	GOM_NL__2PRFIN20080827_101909_000000452071_00323_33944_9585.N1	27-AUG-2008 10:19:09	Bright	44.500	142	49Del Cap	2.8500	8900.0	89	33944	No
128	GOM_NL__2PRFIN20080827_102221_000000392071_00323_33944_9586.N1	27-AUG-2008 10:22:21	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	33944	No
129	GOM_NL__2PRFIN20080827_102357_000000412071_00323_33944_9587.N1	27-AUG-2008 10:23:57	Bright	41.000	162	34Alp Aqr	2.9440	5350.0	82	33944	No
130	GOM_NL__2PRFIN20080827_102658_000000402071_00323_33944_9588.N1	27-AUG-2008 10:26:58	Bright	39.500	61	8Eps Peg	2.1000	3900.0	79	33944	No
131	GOM_NL__2PRFIN20080827_103344_000000342071_00323_33944_9589.N1	27-AUG-2008 10:33:44	Bright	34.000	92	53Eps Cyg	2.5000	4500.0	68	33944	No
132	GOM_NL__2PRFIN20080827_103533_000000342071_00323_33944_9590.N1	27-AUG-2008 10:35:33	Bright	33.500	66	37Gam Cyg	2.2080	5900.0	67	33944	No
133	GOM_NL__2PRFIN20080827_103656_000000372071_00323_33944_9591.N1	27-AUG-2008 10:36:56	Bright	36.500	19	50Alp Cyg	1.2460	10500.	73	33944	No
134	GOM_NL__2PRFIN20080827_104201_000000372071_00323_33944_9592.N1	27-AUG-2008 10:42:01	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	33944	No
135	GOM_NL__2PRFIN20080827_104934_000000362071_00323_33944_9593.N1	27-AUG-2008 10:49:34	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33944	No
136	GOM_NL__2PRFIN20080827_110622_000000362071_00323_33944_9594.N1	27-AUG-2008 11:06:22	Bright	35.500	24	66Alp Gem	1.5800	10200.	71	33944	No
137	GOM_NL__2PRFIN20080827_111006_000000252071_00323_33944_9595.N1	27-AUG-2008 11:10:06	Tw_i_and_stray	25.000	151	13Mu Gem	2.8900	3000.0	50	33944	No
138	GOM_NL__2PRFIN20080827_111148_000000442071_00323_33944_9596.N1	27-AUG-2008 11:11:48	Tw_i_and_stray	43.500	44	24Gam Gem	1.9280	11000.	87	33944	No
139	GOM_NL__2PRFIN20080827_111355_000000402071_00323_33944_9597.N1	27-AUG-2008 11:13:55	Twilight	39.500	8	10Alp CMi	0.40000	6500.0	79	33944	No
140	GOM_NL__2PRFIN20080827_112117_000000472071_00323_33944_9598.N1	27-AUG-2008 11:21:17	Dark	46.500	1	9Alp CMa	-1.4400	11000.	93	33944	No
141	GOM_NL__2PRFIN20080827_112241_000000392071_00323_33944_9599.N1	27-AUG-2008 11:22:41	Dark	38.500	179	24Omi2CMa	3.0320	24000.	77	33944	No
142	GOM_NL__2PRFIN20080827_112409_000000432071_00323_33944_9600.N1	27-AUG-2008 11:24:09	Dark	42.500	23	21Eps CMa	1.5020	26000.	85	33944	No
143	GOM_NL__2PRFIN20080827_112538_000000412071_00323_33944_9601.N1	27-AUG-2008 11:25:38	Dark	41.000	177	1Zet CMa	3.0220	26000.	82	33944	No
144	GOM_NL__2PRFIN20080827_113057_000000532071_00323_33944_9602.N1	27-AUG-2008 11:30:57	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	33944	No
145	GOM_NL__2PRFIN20080827_114221_000000432071_00324_33945_9597.N1	27-AUG-2008 11:42:21	Dark	43.000	9	Alp Eri	0.45300	24000.	86	33945	No
146	GOM_NL__2PRFIN20080827_115043_000000432071_00324_33945_9598.N1	27-AUG-2008 11:50:43	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	33945	No
147	GOM_NL__2PRFIN20080827_115446_000000492071_00324_33945_9599.N1	27-AUG-2008 11:54:46	Straylight	48.500	18	24Alp PsA	1.1660	9700.0	97	33945	No
148	GOM_NL__2PRFIN20080827_115945_000000492071_00324_33945_9600.N1	27-AUG-2008 11:59:45	Bright	48.500	142	49Del Cap	2.8500	8900.0	97	33945	No
149	GOM_NL__2PRFIN20080827_120257_000000392071_00324_33945_9601.N1	27-AUG-2008 12:02:57	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	33945	No
150	GOM_NL__2PRFIN20080827_120432_000000412071_00324_33945_9602.N1	27-AUG-2008 12:04:32	Bright	41.000	162	34Alp Aqr	2.9440	5350.0	82	33945	No
151	GOM_NL__2PRFIN20080827_120734_000000382071_00324_33945_9603.N1	27-AUG-2008 12:07:34	Bright	37.500	61	8Eps Peg	2.1000	3900.0	75	33945	No
152	GOM_NL__2PRFIN20080827_121420_000000352071_00324_33945_9604.N1	27-AUG-2008 12:14:20	Bright	35.000	92	53Eps Cyg	2.5000	4500.0	70	33945	No
153	GOM_NL__2PRFIN20080827_121608_000000372071_00324_33945_9605.N1	27-AUG-2008 12:16:08	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	33945	No
154	GOM_NL__2PRFIN20080827_121731_000000372071_00324_33945_9606.N1	27-AUG-2008 12:17:31	Bright	36.500	19	50Alp Cyg	1.2460	10500.	73	33945	No
155	GOM_NL__2PRFIN20080827_122237_000000372071_00324_33945_9607.N1	27-AUG-2008 12:22:37	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	33945	No
156	GOM_NL__2PRFIN20080827_123009_000000362071_00324_33945_9608.N1	27-AUG-2008 12:30:09	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33945	No
157	GOM_NL__2PRFIN20080827_124658_000000372071_00324_33945_9609.N1	27-AUG-2008 12:46:58	Bright	36.500	24	66Alp Gem	1.5800	10200.	73	33945	No
158	GOM_NL__2PRFIN20080827_125042_000000252071_00324_33945_9610.N1	27-AUG-2008 12:50:42	Tw_i_and_stray	25.000	151	13Mu Gem	2.8900	3000.0	50	33945	No
159	GOM_NL__2PRFIN20080827_125224_000000462071_00324_33945_9611.N1	27-AUG-2008 12:52:24	Tw_i_and_stray	45.500	44	24Gam Gem	1.9280	11000.	91	33945	No
160	GOM_NL__2PRFIN20080827_125431_000000432071_00324_33945_9612.N1	27-AUG-2008 12:54:31	Twilight	43.000	8	10Alp CMi	0.40000	6500.0	86	33945	No

161	GOM_NL__2PRFIN20080827_130154_000000532071_00324_33945_9613.N1	27-AUG-2008 13:01:54	Dark	53.000	1	9Alp CMa	-1.4400	11000.	106	33945	No
162	GOM_NL__2PRFIN20080827_130317_000000392071_00324_33945_9614.N1	27-AUG-2008 13:03:17	Dark	39.000	179	24Omi2CMa	3.0320	24000.	78	33945	No
163	GOM_NL__2PRFIN20080827_130445_000000422071_00324_33945_9615.N1	27-AUG-2008 13:04:45	Dark	41.500	23	21Eps CMa	1.5020	26000.	83	33945	No
164	GOM_NL__2PRFIN20080827_130615_000000402071_00324_33945_9616.N1	27-AUG-2008 13:06:15	Dark	40.000	177	1Zet CMa	3.0220	26000.	80	33945	No
165	GOM_NL__2PRFIN20080827_131133_000000532071_00324_33945_9617.N1	27-AUG-2008 13:11:33	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	33945	No
166	GOM_NL__2PRFIN20080827_132257_000000452071_00325_33946_9617.N1	27-AUG-2008 13:22:57	Dark	44.500	9	Alp Eri	0.45300	24000.	89	33946	No
167	GOM_NL__2PRFIN20080827_133119_000000382071_00325_33946_9618.N1	27-AUG-2008 13:31:19	Straylight	38.000	31	Alp Gru	1.7340	15200.	76	33946	No
168	GOM_NL__2PRFIN20080827_133522_000000462071_00325_33946_9619.N1	27-AUG-2008 13:35:22	Straylight	46.000	18	24Alp PsA	1.1660	9700.0	92	33946	No
169	GOM_NL__2PRFIN20080827_134021_000000462071_00325_33946_9620.N1	27-AUG-2008 13:40:21	Bright	45.500	142	49Del Cap	2.8500	8900.0	91	33946	No
170	GOM_NL__2PRFIN20080827_134333_000000392071_00325_33946_9621.N1	27-AUG-2008 13:43:33	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	33946	No
171	GOM_NL__2PRFIN20080827_134508_000000412071_00325_33946_9622.N1	27-AUG-2008 13:45:08	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	33946	No
172	GOM_NL__2PRFIN20080827_134810_000000392071_00325_33946_9623.N1	27-AUG-2008 13:48:10	Bright	39.000	61	8Eps Peg	2.1000	3900.0	78	33946	No
173	GOM_NL__2PRFIN20080827_135456_000000352071_00325_33946_9624.N1	27-AUG-2008 13:54:56	Bright	35.000	92	53Eps Cyg	2.5000	4500.0	70	33946	No
174	GOM_NL__2PRFIN20080827_135645_000000342071_00325_33946_9625.N1	27-AUG-2008 13:56:45	Bright	33.500	66	37Gam Cyg	2.2080	5900.0	67	33946	No
175	GOM_NL__2PRFIN20080827_135807_000000372071_00325_33946_9626.N1	27-AUG-2008 13:58:07	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	33946	No
176	GOM_NL__2PRFIN20080827_140313_000000382071_00325_33946_9627.N1	27-AUG-2008 14:03:13	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	33946	No
177	GOM_NL__2PRFIN20080827_141045_000000342071_00325_33946_9628.N1	27-AUG-2008 14:10:45	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	33946	No
178	GOM_NL__2PRFIN20080827_142734_000000432071_00325_33946_9629.N1	27-AUG-2008 14:27:34	Bright	43.000	24	66Alp Gem	1.5800	10200.	86	33946	No
179	GOM_NL__2PRFIN20080827_143008_000000452071_00325_33946_9630.N1	27-AUG-2008 14:30:08	Bright	44.500	170	27Eps Gem	3.0000	9700.0	89	33946	No
180	GOM_NL__2PRFIN20080827_143300_000000482071_00325_33946_9631.N1	27-AUG-2008 14:33:00	Twilight	47.500	44	24Gam Gem	1.9280	11000.	95	33946	No
181	GOM_NL__2PRFIN20080827_143507_000000462071_00325_33946_9632.N1	27-AUG-2008 14:35:07	Twilight	46.000	8	10Alp CMi	0.40000	6500.0	92	33946	No
182	GOM_NL__2PRFIN20080827_144230_000000532071_00325_33946_9633.N1	27-AUG-2008 14:42:30	Dark	53.000	1	9Alp CMa	-1.4400	11000.	106	33946	No
183	GOM_NL__2PRFIN20080827_144353_000000402071_00325_33946_9634.N1	27-AUG-2008 14:43:53	Dark	39.500	179	24Omi2CMa	3.0320	24000.	79	33946	No
184	GOM_NL__2PRFIN20080827_144521_000000422071_00325_33946_9635.N1	27-AUG-2008 14:45:21	Dark	42.000	23	21Eps CMa	1.5020	26000.	84	33946	No
185	GOM_NL__2PRFIN20080827_144651_000000402071_00325_33946_9636.N1	27-AUG-2008 14:46:51	Dark	39.500	177	1Zet CMa	3.0220	26000.	79	33946	No
186	GOM_NL__2PRFIN20080827_145209_000000482071_00325_33946_9637.N1	27-AUG-2008 14:52:09	Dark	48.000	2	Alp Car	-0.73600	7000.0	96	33946	No
187	GOM_NL__2PRFIN20080827_150334_000000442071_00326_33947_9639.N1	27-AUG-2008 15:03:34	Dark	43.500	9	Alp Eri	0.45300	24000.	87	33947	No
188	GOM_NL__2PRFIN20080827_151155_000000392071_00326_33947_9640.N1	27-AUG-2008 15:11:55	Straylight	38.500	31	Alp Gru	1.7340	15200.	77	33947	No
189	GOM_NL__2PRFIN20080827_151558_000000482071_00326_33947_9641.N1	27-AUG-2008 15:15:58	Straylight	48.000	18	24Alp PsA	1.1660	9700.0	96	33947	No
190	GOM_NL__2PRFIN20080827_152057_000000452071_00326_33947_9642.N1	27-AUG-2008 15:20:57	Bright	45.000	142	49Del Cap	2.8500	8900.0	90	33947	No
191	GOM_NL__2PRFIN20080827_152409_000000382071_00326_33947_9643.N1	27-AUG-2008 15:24:09	Bright	38.000	154	22Bet Aqr	2.8990	5700.0	76	33947	No
192	GOM_NL__2PRFIN20080827_152544_000000422071_00326_33947_9644.N1	27-AUG-2008 15:25:44	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	33947	No
193	GOM_NL__2PRFIN20080827_152846_000000412071_00326_33947_9645.N1	27-AUG-2008 15:28:46	Bright	40.500	61	8Eps Peg	2.1000	3900.0	81	33947	No
194	GOM_NL__2PRFIN20080827_153532_000000382071_00326_33947_9646.N1	27-AUG-2008 15:35:32	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	33947	No
195	GOM_NL__2PRFIN20080827_153720_000000362071_00326_33947_9647.N1	27-AUG-2008 15:37:20	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	33947	No
196	GOM_NL__2PRFIN20080827_153843_000000362071_00326_33947_9648.N1	27-AUG-2008 15:38:43	Bright	36.000	19	50Alp Cyg	1.2460	10500.	72	33947	No
197	GOM_NL__2PRFIN20080827_154348_000000372071_00326_33947_9649.N1	27-AUG-2008 15:43:48	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	33947	No
198	GOM_NL__2PRFIN20080827_155121_000000352071_00326_33947_9650.N1	27-AUG-2008 15:51:21	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	33947	No
199	GOM_NL__2PRFIN20080827_160810_000000512071_00326_33947_9651.N1	27-AUG-2008 16:08:10	Bright	50.500	24	66Alp Gem	1.5800	10200.	101	33947	No
200	GOM_NL__2PRFIN20080827_161044_000000442071_00326_33947_9652.N1	27-AUG-2008 16:10:44	Bright	43.500	170	27Eps Gem	3.0000	9700.0	87	33947	No
201	GOM_NL__2PRFIN20080827_161337_000000482071_00326_33947_9653.N1	27-AUG-2008 16:13:37	Twilight	48.000	44	24Gam Gem	1.9280	11000.	96	33947	No
202	GOM_NL__2PRFIN20080827_161544_000000512071_00326_33947_9654.N1	27-AUG-2008 16:15:44	Twilight	50.500	8	10Alp CMi	0.40000	6500.0	101	33947	No
203	GOM_NL__2PRFIN20080827_162307_000000532071_00326_33947_9655.N1	27-AUG-2008 16:23:07	Dark	52.500	1	9Alp CMa	-1.4400	11000.	105	33947	No
204	GOM_NL__2PRFIN20080827_162430_000000382071_00326_33947_9656.N1	27-AUG-2008 16:24:30	Dark	38.000	179	24Omi2CMa	3.0320	24000.	76	33947	No
205	GOM_NL__2PRFIN20080827_162558_000000412071_00326_33947_9657.N1	27-AUG-2008 16:25:58	Dark	40.500	23	21Eps CMa	1.5020	26000.	81	33947	No
206	GOM_NL__2PRFIN20080827_162728_000000422071_00326_33947_9658.N1	27-AUG-2008 16:27:28	Dark	41.500	177	1Zet CMa	3.0220	26000.	83	33947	No
207	GOM_NL__2PRFIN20080827_163246_000000532071_00326_33947_9659.N1	27-AUG-2008 16:32:46	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	33947	No
208	GOM_NL__2PRFIN20080827_164410_000000452071_00327_33948_9655.N1	27-AUG-2008 16:44:10	Dark	45.000	9	Alp Eri	0.45300	24000.	90	33948	No
209	GOM_NL__2PRFIN20080827_165008_000000272071_00327_33948_9656.N1	27-AUG-2008 16:50:08	Straylight	27.000	84	Alp Phe	2.3970	4500.0	54	33948	No
210	GOM_NL__2PRFIN20080827_165231_000000402071_00327_33948_9657.N1	27-AUG-2008 16:52:31	Straylight	39.500	31	Alp Gru	1.7340	15200.	79	33948	No
211	GOM_NL__2PRFIN20080827_165635_000000492071_00327_33948_9658.N1	27-AUG-2008 16:56:35	Straylight	48.500	18	24Alp PsA	1.1660	9700.0	97	33948	No
212	GOM_NL__2PRFIN20080827_170134_000000542071_00327_33948_9659.N1	27-AUG-2008 17:01:34	Bright	54.000	142	49Del Cap	2.8500	8900.0	108	33948	No
213	GOM_NL__2PRFIN20080827_170445_000000392071_00327_33948_9660.N1	27-AUG-2008 17:04:45	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	33948	No
214	GOM_NL__2PRFIN20080827_170620_000000422071_00327_33948_9661.N1	27-AUG-2008 17:06:20	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	33948	No
215	GOM_NL__2PRFIN20080827_170921_000000402071_00327_33948_9662.N1	27-AUG-2008 17:09:21	Bright	40.000	61	8Eps Peg	2.1000	3900.0	80	33948	No
216	GOM_NL__2PRFIN20080827_171608_000000372071_00327_33948_9663.N1	27-AUG-2008 17:16:08	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	33948	No
217	GOM_NL__2PRFIN20080827_171756_000000342071_00327_33948_9664.N1	27-AUG-2008 17:17:56	Bright	34.000	66	37Gam Cyg	2.2080	5900.0	68	33948	No
218	GOM_NL__2PRFIN20080827_171919_000000362071_00327_33948_9665.N1	27-AUG-2008 17:19:19	Bright	36.000	19	50Alp Cyg	1.2460	10500.	72	33948	No
219	GOM_NL__2PRFIN20080827_172424_000000382071_00327_33948_9666.N1	27-AUG-2008 17:24:24	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	33948	No

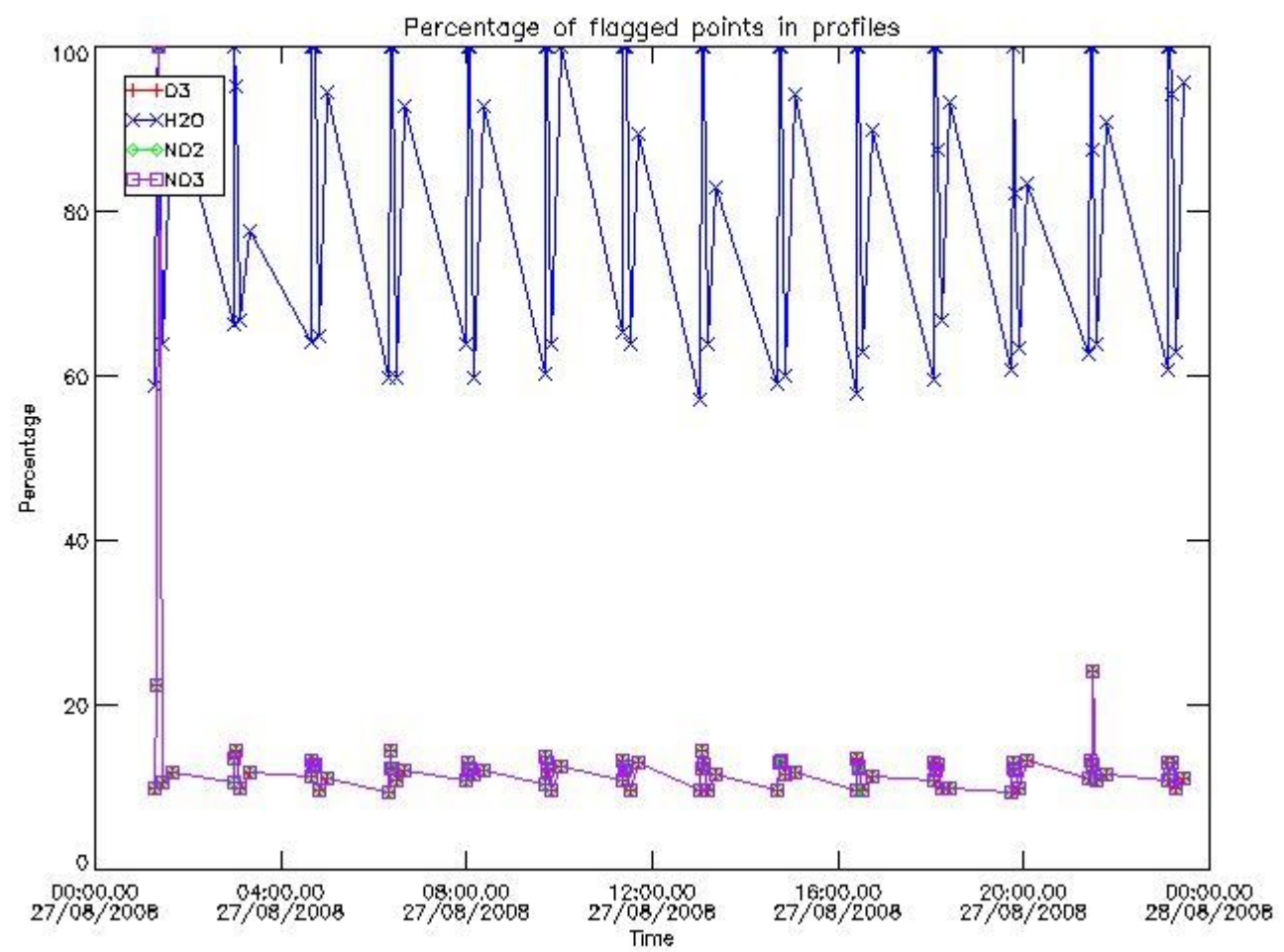
220	GOM_NL__2PRFIN20080827_173157_000000372071_00327_33948_9667.N1	27-AUG-2008 17:31:57	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	33948	No
221	GOM_NL__2PRFIN20080827_174846_000000352071_00327_33948_9668.N1	27-AUG-2008 17:48:46	Bright	34.500	24	66Alp Gem	1.5800	10200.	69	33948	No
222	GOM_NL__2PRFIN20080827_175121_000000462071_00327_33948_9669.N1	27-AUG-2008 17:51:21	Bright	45.500	170	27Eps Gem	3.0000	9700.0	91	33948	No
223	GOM_NL__2PRFIN20080827_175413_000000482071_00327_33948_9670.N1	27-AUG-2008 17:54:13	Twilight	48.000	44	24Gam Gem	1.9280	11000.	96	33948	No
224	GOM_NL__2PRFIN20080827_175620_000000432071_00327_33948_9671.N1	27-AUG-2008 17:56:20	Twilight	42.500	8	10Alp CMi	0.40000	6500.0	85	33948	No
225	GOM_NL__2PRFIN20080827_180343_000000482071_00327_33948_9672.N1	27-AUG-2008 18:03:43	Dark	47.500	1	9Alp CMa	-1.4400	11000.	95	33948	No
226	GOM_NL__2PRFIN20080827_180506_000000402071_00327_33948_9673.N1	27-AUG-2008 18:05:06	Dark	39.500	179	24Omi2CMa	3.0320	24000.	79	33948	No
227	GOM_NL__2PRFIN20080827_180634_000000422071_00327_33948_9674.N1	27-AUG-2008 18:06:34	Dark	42.000	23	21Eps CMa	1.5020	26000.	84	33948	No
228	GOM_NL__2PRFIN20080827_180816_000000402071_00327_33948_9675.N1	27-AUG-2008 18:08:16	Dark	40.000	117	Pi Pup	2.7060	3800.0	80	33948	No
229	GOM_NL__2PRFIN20080827_181322_000000522071_00327_33948_9676.N1	27-AUG-2008 18:13:22	Dark	51.500	2	Alp Car	-0.73600	7000.0	103	33948	No
230	GOM_NL__2PRFIN20080827_182447_000000522071_00328_33949_9670.N1	27-AUG-2008 18:24:47	Dark	52.000	9	Alp Eri	0.45300	24000.	104	33949	No
231	GOM_NL__2PRFIN20080827_183045_000000272071_00328_33949_9671.N1	27-AUG-2008 18:30:45	Straylight	26.500	84	Alp Phe	2.3970	4500.0	53	33949	No
232	GOM_NL__2PRFIN20080827_183307_000000382071_00328_33949_9672.N1	27-AUG-2008 18:33:07	Straylight	37.500	31	Alp Gru	1.7340	15200.	75	33949	No
233	GOM_NL__2PRFIN20080827_183711_000000482071_00328_33949_9673.N1	27-AUG-2008 18:37:11	Straylight	48.000	18	24Alp PsA	1.1660	9700.0	96	33949	No
234	GOM_NL__2PRFIN20080827_184210_000000452071_00328_33949_9674.N1	27-AUG-2008 18:42:10	Bright	45.000	142	49Del Cap	2.8500	8900.0	90	33949	No
235	GOM_NL__2PRFIN20080827_184521_000000392071_00328_33949_9675.N1	27-AUG-2008 18:45:21	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	33949	No
236	GOM_NL__2PRFIN20080827_184656_000000422071_00328_33949_9676.N1	27-AUG-2008 18:46:56	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	33949	No
237	GOM_NL__2PRFIN20080827_184957_000000412071_00328_33949_9677.N1	27-AUG-2008 18:49:57	Bright	41.000	61	8Eps Peg	2.1000	3900.0	82	33949	No
238	GOM_NL__2PRFIN20080827_185644_000000352071_00328_33949_9678.N1	27-AUG-2008 18:56:44	Bright	34.500	92	53Eps Cyg	2.5000	4500.0	69	33949	No
239	GOM_NL__2PRFIN20080827_185833_000000352071_00328_33949_9679.N1	27-AUG-2008 18:58:33	Bright	34.500	66	37Gam Cyg	2.2080	5900.0	69	33949	No
240	GOM_NL__2PRFIN20080827_185955_000000382071_00328_33949_9680.N1	27-AUG-2008 18:59:55	Bright	38.000	19	50Alp Cyg	1.2460	10500.	76	33949	No
241	GOM_NL__2PRFIN20080827_190500_000000382071_00328_33949_9681.N1	27-AUG-2008 19:05:00	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	33949	No
242	GOM_NL__2PRFIN20080827_191233_000000362071_00328_33949_9682.N1	27-AUG-2008 19:12:33	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	33949	No
243	GOM_NL__2PRFIN20080827_192922_000000452071_00328_33949_9683.N1	27-AUG-2008 19:29:22	Bright	44.500	24	66Alp Gem	1.5800	10200.	89	33949	No
244	GOM_NL__2PRFIN20080827_193157_000000442071_00328_33949_9684.N1	27-AUG-2008 19:31:57	Bright	44.000	170	27Eps Gem	3.0000	9700.0	88	33949	No
245	GOM_NL__2PRFIN20080827_193449_000000472071_00328_33949_9685.N1	27-AUG-2008 19:34:49	Twilight	46.500	44	24Gam Gem	1.9280	11000.	93	33949	No
246	GOM_NL__2PRFIN20080827_193656_000000412071_00328_33949_9686.N1	27-AUG-2008 19:36:56	Twilight	40.500	8	10Alp CMi	0.40000	6500.0	81	33949	No
247	GOM_NL__2PRFIN20080827_194420_000000542071_00328_33949_9687.N1	27-AUG-2008 19:44:20	Dark	54.000	1	9Alp CMa	-1.4400	11000.	108	33949	No
248	GOM_NL__2PRFIN20080827_194542_000000402071_00328_33949_9688.N1	27-AUG-2008 19:45:42	Dark	39.500	179	24Omi2CMa	3.0320	24000.	79	33949	No
249	GOM_NL__2PRFIN20080827_194711_000000422071_00328_33949_9689.N1	27-AUG-2008 19:47:11	Dark	41.500	23	21Eps CMa	1.5020	26000.	83	33949	No
250	GOM_NL__2PRFIN20080827_194852_000000432071_00328_33949_9690.N1	27-AUG-2008 19:48:52	Dark	42.500	117	Pi Pup	2.7060	3800.0	85	33949	No
251	GOM_NL__2PRFIN20080827_195358_000000512071_00328_33949_9691.N1	27-AUG-2008 19:53:58	Dark	51.000	2	Alp Car	-0.73600	7000.0	102	33949	No
252	GOM_NL__2PRFIN20080827_200523_000000432071_00329_33950_9685.N1	27-AUG-2008 20:05:23	Dark	42.500	9	Alp Eri	0.45300	24000.	85	33950	No
253	GOM_NL__2PRFIN20080827_201121_000000302071_00329_33950_9686.N1	27-AUG-2008 20:11:21	Straylight	30.000	84	Alp Phe	2.3970	4500.0	60	33950	No
254	GOM_NL__2PRFIN20080827_201344_000000402071_00329_33950_9687.N1	27-AUG-2008 20:13:44	Straylight	39.500	31	Alp Gru	1.7340	15200.	79	33950	No
255	GOM_NL__2PRFIN20080827_201747_000000492071_00329_33950_9688.N1	27-AUG-2008 20:17:47	Straylight	49.000	18	24Alp PsA	1.1660	9700.0	98	33950	No
256	GOM_NL__2PRFIN20080827_202246_000000462071_00329_33950_9689.N1	27-AUG-2008 20:22:46	Bright	45.500	142	49Del Cap	2.8500	8900.0	91	33950	No
257	GOM_NL__2PRFIN20080827_202557_000000392071_00329_33950_9690.N1	27-AUG-2008 20:25:57	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	33950	No
258	GOM_NL__2PRFIN20080827_202732_000000422071_00329_33950_9691.N1	27-AUG-2008 20:27:32	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	33950	No
259	GOM_NL__2PRFIN20080827_203033_000000402071_00329_33950_9692.N1	27-AUG-2008 20:30:33	Bright	40.000	61	8Eps Peg	2.1000	3900.0	80	33950	No
260	GOM_NL__2PRFIN20080827_203720_000000382071_00329_33950_9693.N1	27-AUG-2008 20:37:20	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	33950	No
261	GOM_NL__2PRFIN20080827_203909_000000362071_00329_33950_9694.N1	27-AUG-2008 20:39:09	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	33950	No
262	GOM_NL__2PRFIN20080827_204031_000000372071_00329_33950_9695.N1	27-AUG-2008 20:40:31	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	33950	No
263	GOM_NL__2PRFIN20080827_204536_000000382071_00329_33950_9696.N1	27-AUG-2008 20:45:36	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	33950	No
264	GOM_NL__2PRFIN20080827_205309_000000372071_00329_33950_9697.N1	27-AUG-2008 20:53:09	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	33950	No
265	GOM_NL__2PRFIN20080827_210958_000000362071_00329_33950_9698.N1	27-AUG-2008 21:09:58	Bright	36.000	24	66Alp Gem	1.5800	10200.	72	33950	No
266	GOM_NL__2PRFIN20080827_211233_000000442071_00329_33950_9699.N1	27-AUG-2008 21:12:33	Bright	43.500	170	27Eps Gem	3.0000	9700.0	87	33950	No
267	GOM_NL__2PRFIN20080827_211526_000000472071_00329_33950_9700.N1	27-AUG-2008 21:15:26	Twilight	46.500	44	24Gam Gem	1.9280	11000.	93	33950	No
268	GOM_NL__2PRFIN20080827_211732_000000422071_00329_33950_9701.N1	27-AUG-2008 21:17:32	Twilight	42.000	8	10Alp CMi	0.40000	6500.0	84	33950	No
269	GOM_NL__2PRFIN20080827_212456_000000462071_00329_33950_9702.N1	27-AUG-2008 21:24:56	Dark	46.000	1	9Alp CMa	-1.4400	11000.	92	33950	No
270	GOM_NL__2PRFIN20080827_212619_000000392071_00329_33950_9703.N1	27-AUG-2008 21:26:19	Dark	38.500	179	24Omi2CMa	3.0320	24000.	77	33950	No
271	GOM_NL__2PRFIN20080827_212747_000000442071_00329_33950_9704.N1	27-AUG-2008 21:27:47	Dark	43.500	23	21Eps CMa	1.5020	26000.	87	33950	No
272	GOM_NL__2PRFIN20080827_212928_000000442071_00329_33950_9705.N1	27-AUG-2008 21:29:28	Dark	44.000	117	Pi Pup	2.7060	3800.0	88	33950	No
273	GOM_NL__2PRFIN20080827_213435_000000522071_00329_33950_9706.N1	27-AUG-2008 21:34:35	Dark	51.500	2	Alp Car	-0.73600	7000.0	103	33950	No
274	GOM_NL__2PRFIN20080827_214600_000000442071_00330_33951_9698.N1	27-AUG-2008 21:46:00	Dark	44.000	9	Alp Eri	0.45300	24000.	88	33951	No
275	GOM_NL__2PRFIN20080827_215158_000000302071_00330_33951_9699.N1	27-AUG-2008 21:51:58	Straylight	30.000	84	Alp Phe	2.3970	4500.0	60	33951	No
276	GOM_NL__2PRFIN20080827_215420_000000422071_00330_33951_9700.N1	27-AUG-2008 21:54:20	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	33951	No
277	GOM_NL__2PRFIN20080827_215823_000000472071_00330_33951_9701.N1	27-AUG-2008 21:58:23	Straylight	46.500	18	24Alp PsA	1.1660	9700.0	93	33951	No
278	GOM_NL__2PRFIN20080827_220322_000000402071_00330_33951_9702.N1	27-AUG-2008 22:03:22	Bright	40.000	142	49Del Cap	2.8500	8900.0	80	33951	No

279	GOM_NL__2PRFIN20080827_220633_000000382071_00330_33951_9703.N1	27-AUG-2008 22:06:33	Bright	38.000	154	22Bet Aqr	2.8990	5700.0	76	33951	No
280	GOM_NL__2PRFIN20080827_220807_000000422071_00330_33951_9704.N1	27-AUG-2008 22:08:07	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	33951	No
281	GOM_NL__2PRFIN20080827_221109_000000402071_00330_33951_9705.N1	27-AUG-2008 22:11:09	Bright	39.500	61	8Eps Peg	2.1000	3900.0	79	33951	No
282	GOM_NL__2PRFIN20080827_221755_000000342071_00330_33951_9706.N1	27-AUG-2008 22:17:55	Bright	33.500	92	53Eps Cyg	2.5000	4500.0	67	33951	No
283	GOM_NL__2PRFIN20080827_221945_000000362071_00330_33951_9707.N1	27-AUG-2008 22:19:45	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	33951	No
284	GOM_NL__2PRFIN20080827_222107_000000352071_00330_33951_9708.N1	27-AUG-2008 22:21:07	Bright	34.500	19	50Alp Cyg	1.2460	10500.	69	33951	No
285	GOM_NL__2PRFIN20080827_222612_000000362071_00330_33951_9709.N1	27-AUG-2008 22:26:12	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	33951	No
286	GOM_NL__2PRFIN20080827_223345_000000372071_00330_33951_9710.N1	27-AUG-2008 22:33:45	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	33951	No
287	GOM_NL__2PRFIN20080827_225034_000000362071_00330_33951_9711.N1	27-AUG-2008 22:50:34	Bright	36.000	24	66Alp Gem	1.5800	10200.	72	33951	No
288	GOM_NL__2PRFIN20080827_225309_000000452071_00330_33951_9712.N1	27-AUG-2008 22:53:09	Bright	45.000	170	27Eps Gem	3.0000	9700.0	90	33951	No
289	GOM_NL__2PRFIN20080827_225602_000000462071_00330_33951_9713.N1	27-AUG-2008 22:56:02	Twilight	46.000	44	24Gam Gem	1.9280	11000.	92	33951	No
290	GOM_NL__2PRFIN20080827_225808_000000512071_00330_33951_9714.N1	27-AUG-2008 22:58:08	Twilight	51.000	8	10Alp CMi	0.40000	6500.0	102	33951	No
291	GOM_NL__2PRFIN20080827_230532_000000482071_00330_33951_9715.N1	27-AUG-2008 23:05:32	Dark	47.500	1	9Alp CMa	-1.4400	11000.	95	33951	No
292	GOM_NL__2PRFIN20080827_230655_000000392071_00330_33951_9716.N1	27-AUG-2008 23:06:55	Dark	39.000	179	24Omi2CMa	3.0320	24000.	78	33951	No
293	GOM_NL__2PRFIN20080827_230823_000000442071_00330_33951_9717.N1	27-AUG-2008 23:08:23	Dark	44.000	23	21Eps CMa	1.5020	26000.	88	33951	No
294	GOM_NL__2PRFIN20080827_231004_000000432071_00330_33951_9718.N1	27-AUG-2008 23:10:04	Dark	43.000	117	Pi Pup	2.7060	3800.0	86	33951	No
295	GOM_NL__2PRFIN20080827_231511_000000522071_00330_33951_9719.N1	27-AUG-2008 23:15:11	Dark	51.500	2	Alp Car	-0.73600	7000.0	103	33951	No
296	GOM_NL__2PRFIN20080827_232636_000000462071_00331_33952_9729.N1	27-AUG-2008 23:26:36	Dark	45.500	9	Alp Eri	0.45300	24000.	91	33952	No
297	GOM_NL__2PRFIN20080827_233234_000000332071_00331_33952_9730.N1	27-AUG-2008 23:32:34	Straylight	33.000	84	Alp Phe	2.3970	4500.0	66	33952	No
298	GOM_NL__2PRFIN20080827_233456_000000412071_00331_33952_9731.N1	27-AUG-2008 23:34:56	Straylight	41.000	31	Alp Gru	1.7340	15200.	82	33952	No
299	GOM_NL__2PRFIN20080827_233859_000000442071_00331_33952_9732.N1	27-AUG-2008 23:38:59	Straylight	43.500	18	24Alp PsA	1.1660	9700.0	87	33952	No
300	GOM_NL__2PRFIN20080827_234358_000000542071_00331_33952_9733.N1	27-AUG-2008 23:43:58	Bright	54.000	142	49Del Cap	2.8500	8900.0	108	33952	No
301	GOM_NL__2PRFIN20080827_234709_000000372071_00331_33952_9734.N1	27-AUG-2008 23:47:09	Bright	37.000	154	22Bet Aqr	2.8990	5700.0	74	33952	No
302	GOM_NL__2PRFIN20080827_234843_000000412071_00331_33952_9735.N1	27-AUG-2008 23:48:43	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	33952	No
303	GOM_NL__2PRFIN20080827_235145_000000392071_00331_33952_9736.N1	27-AUG-2008 23:51:45	Bright	39.000	61	8Eps Peg	2.1000	3900.0	78	33952	No
304	GOM_NL__2PRFIN20080827_235831_000000362071_00331_33952_9737.N1	27-AUG-2008 23:58:31	Bright	36.000	92	53Eps Cyg	2.5000	4500.0	72	33952	No

3. Quality information per product

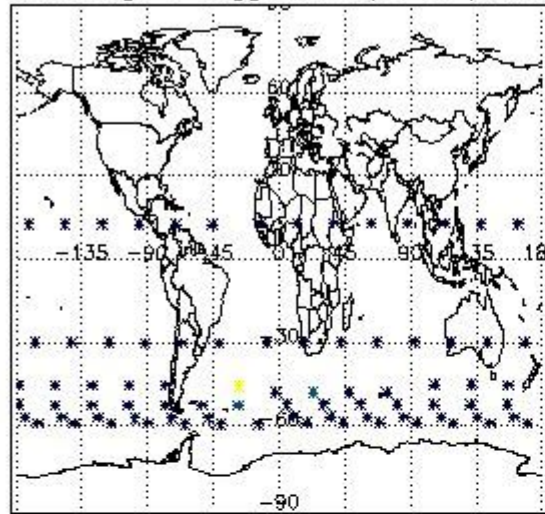
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

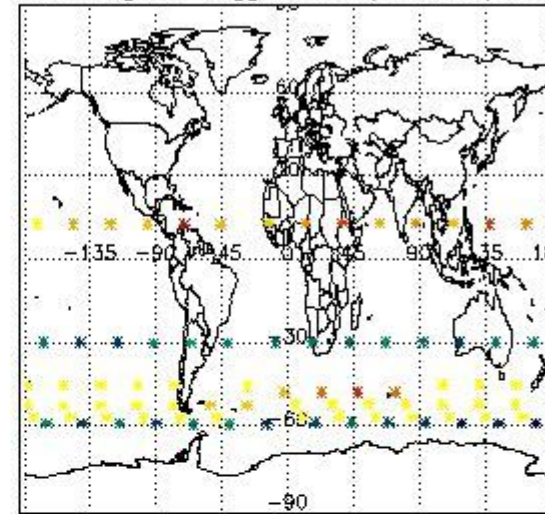


3.2 Plot quality information per product (world map)

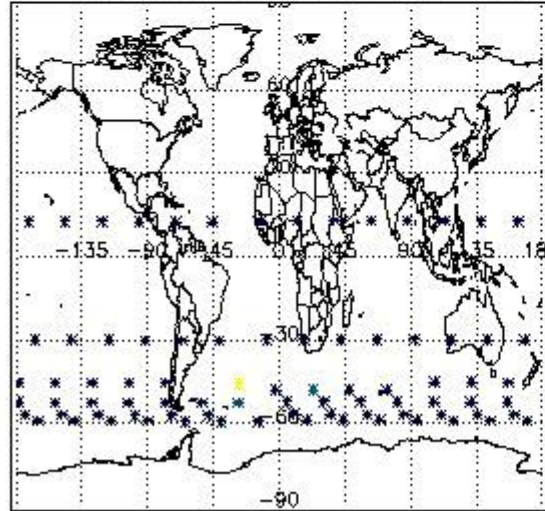
Percentage of flagged data per O3 profile



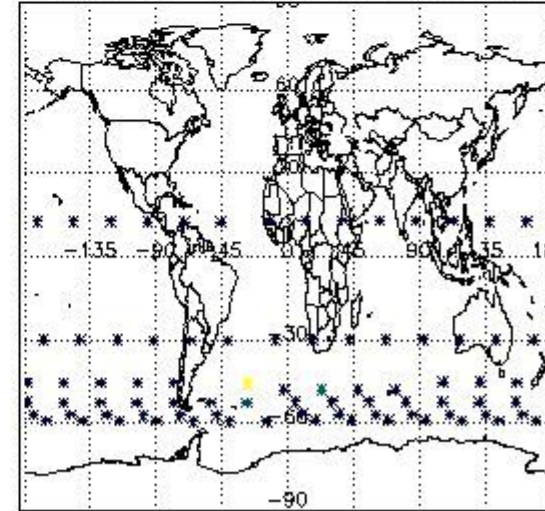
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

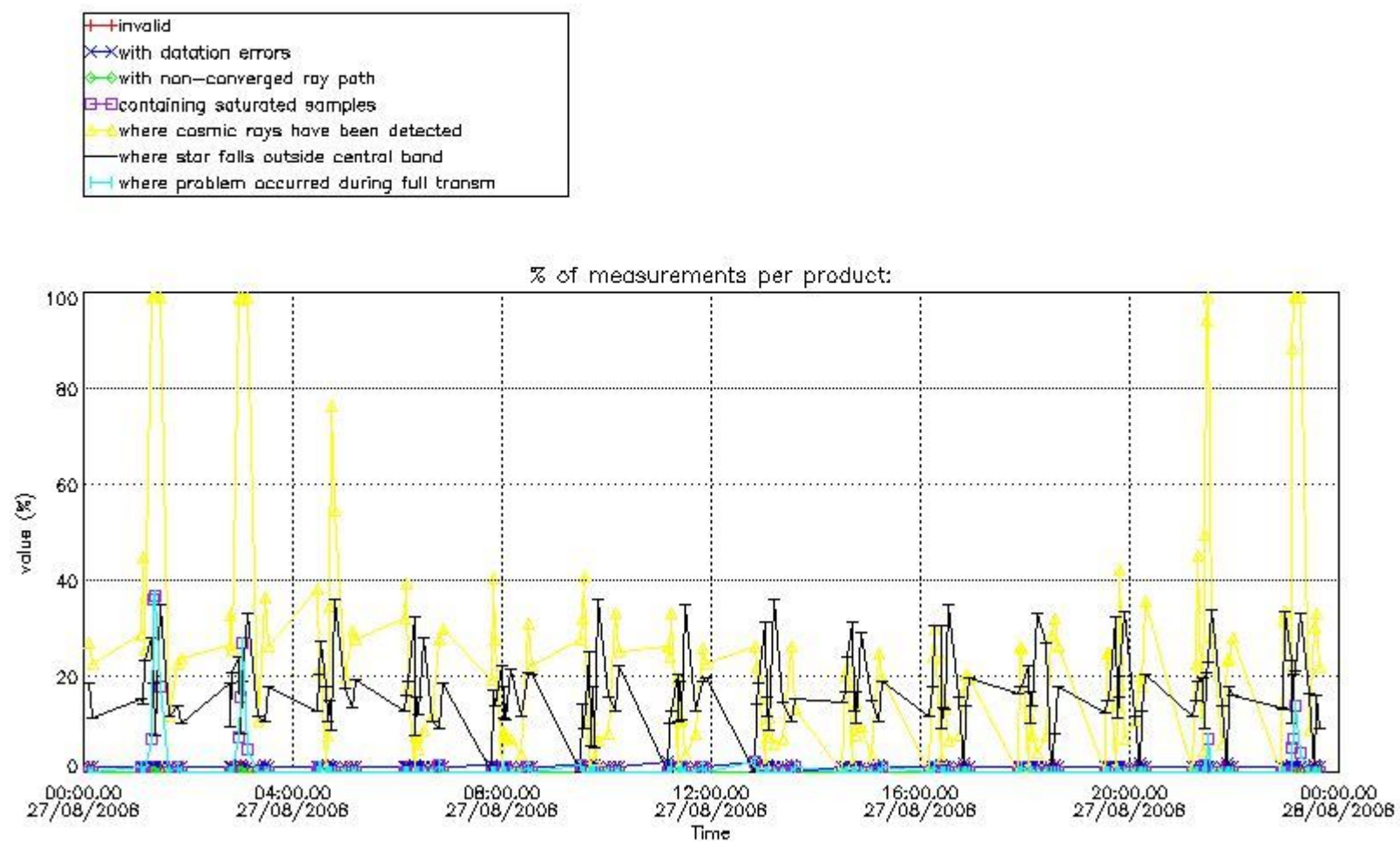


4. Level 1 quality information per product

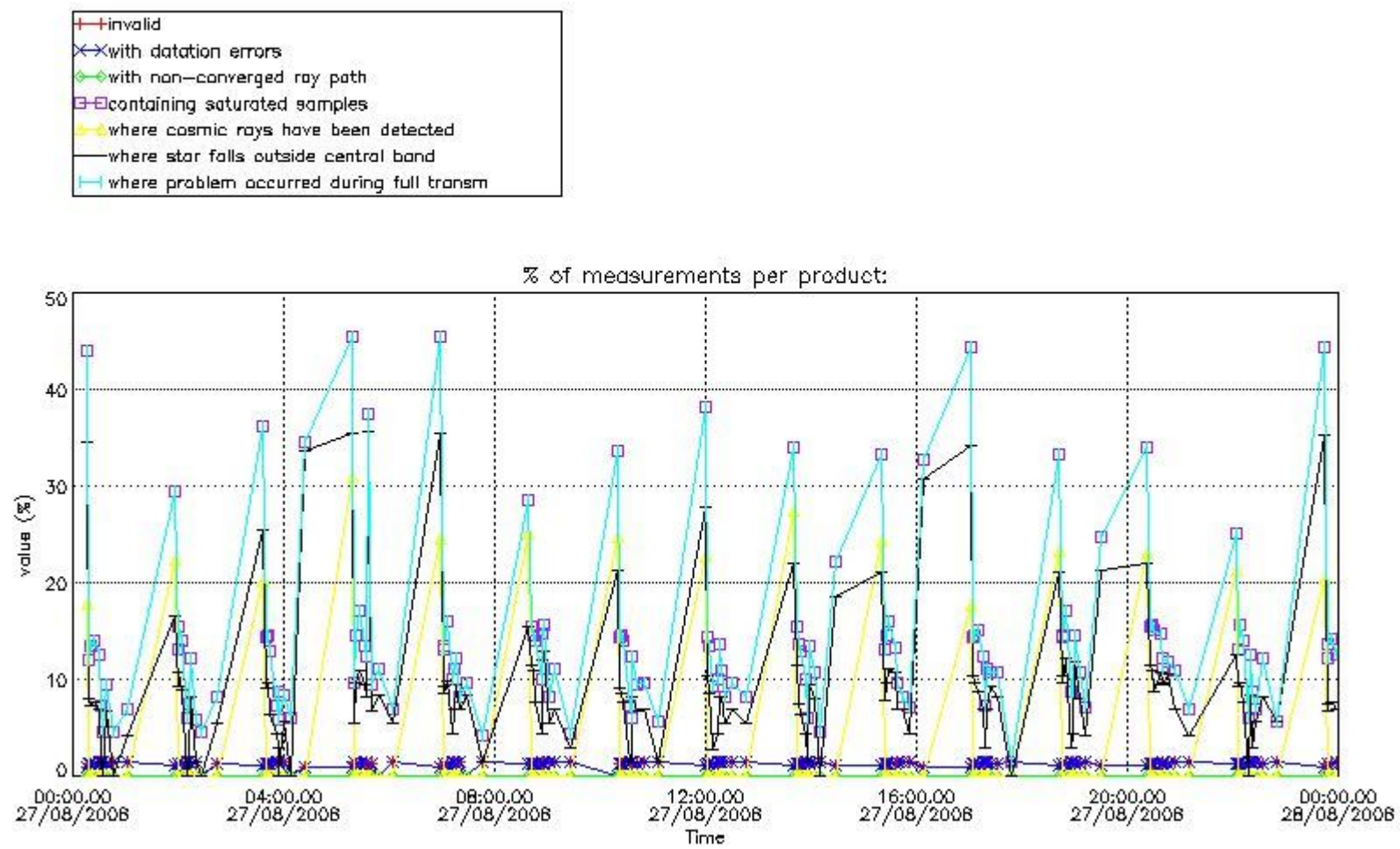
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

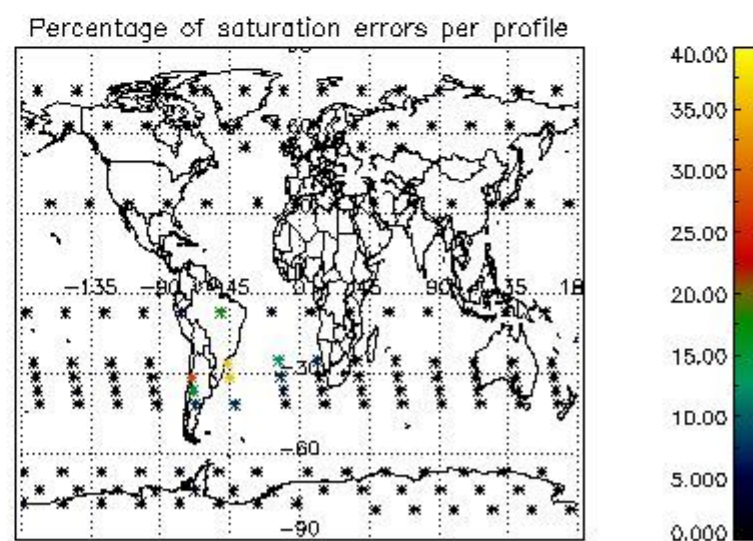
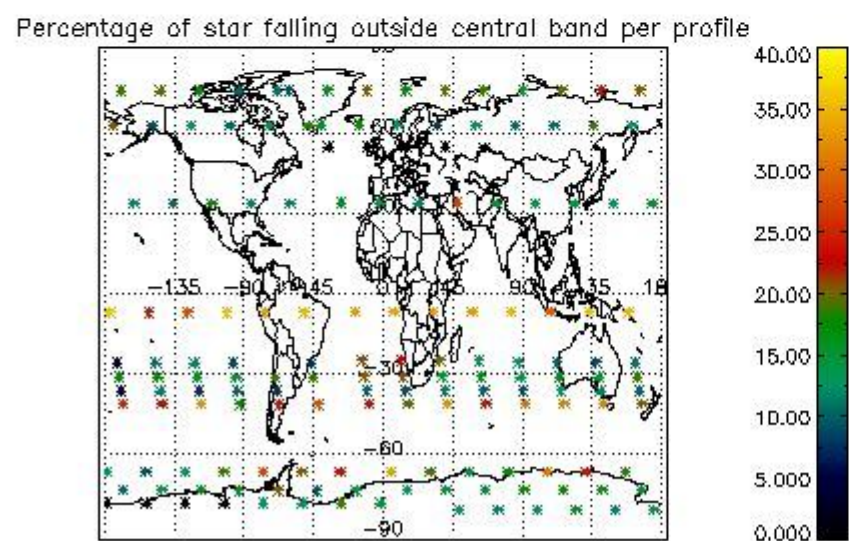
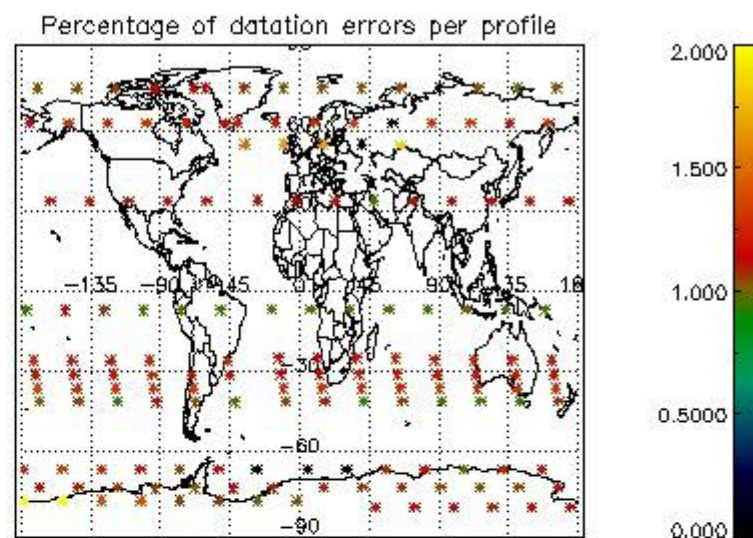
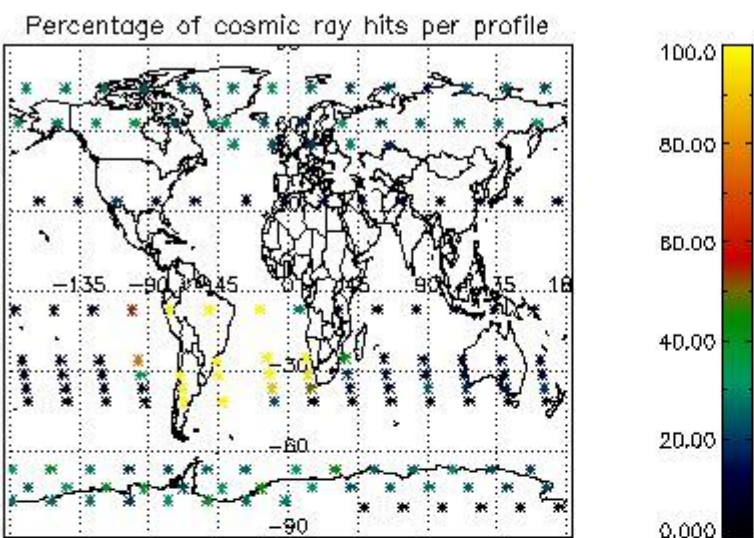


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



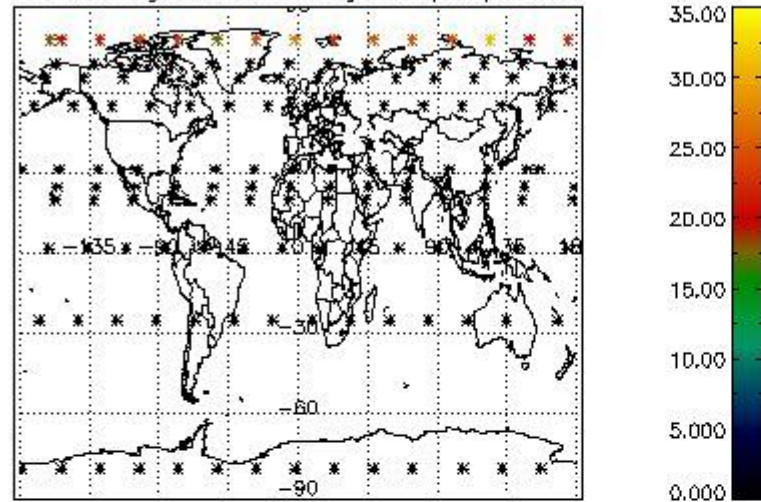
4.2 Plot quality information per product coming from level 1b processing (world map)

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

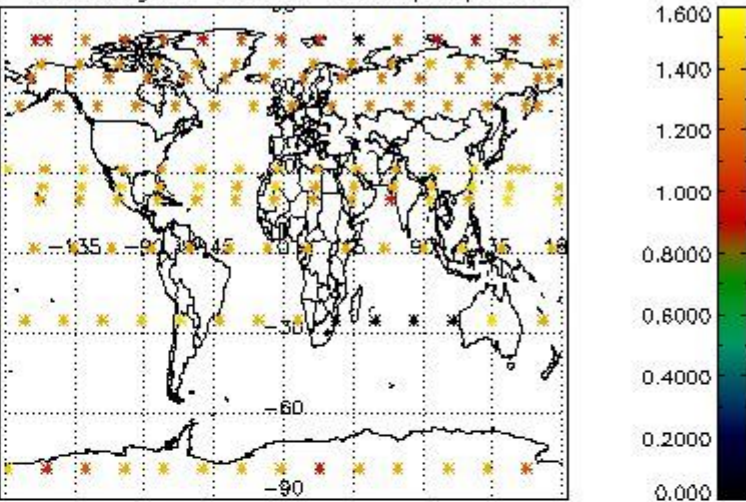


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

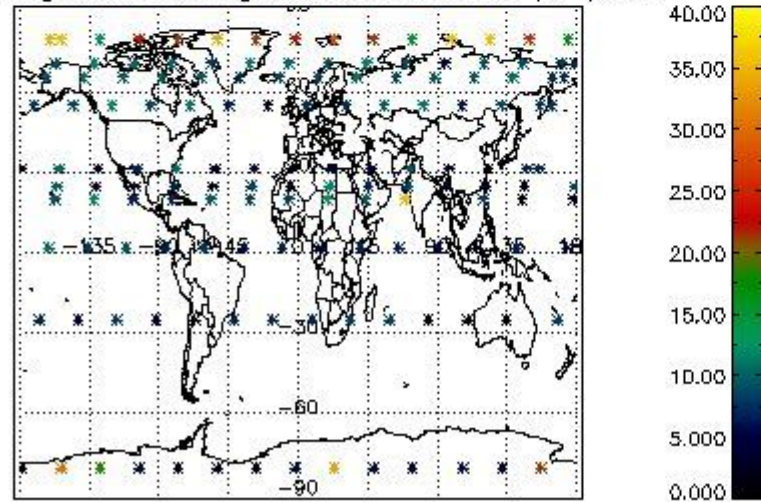
Percentage of cosmic ray hits per profile



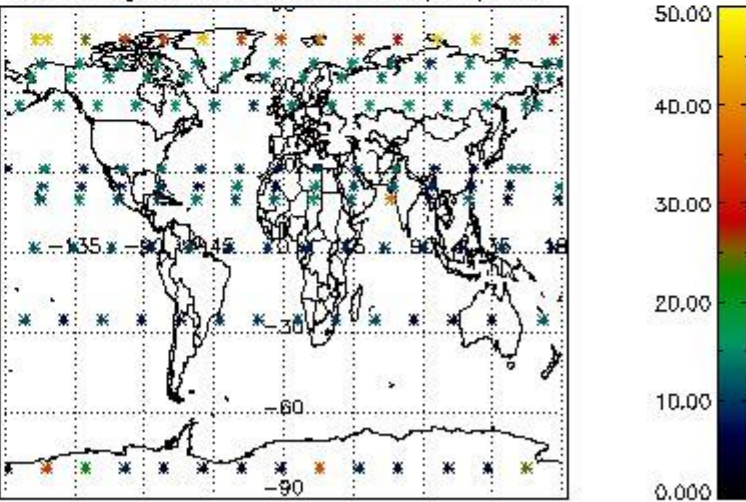
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

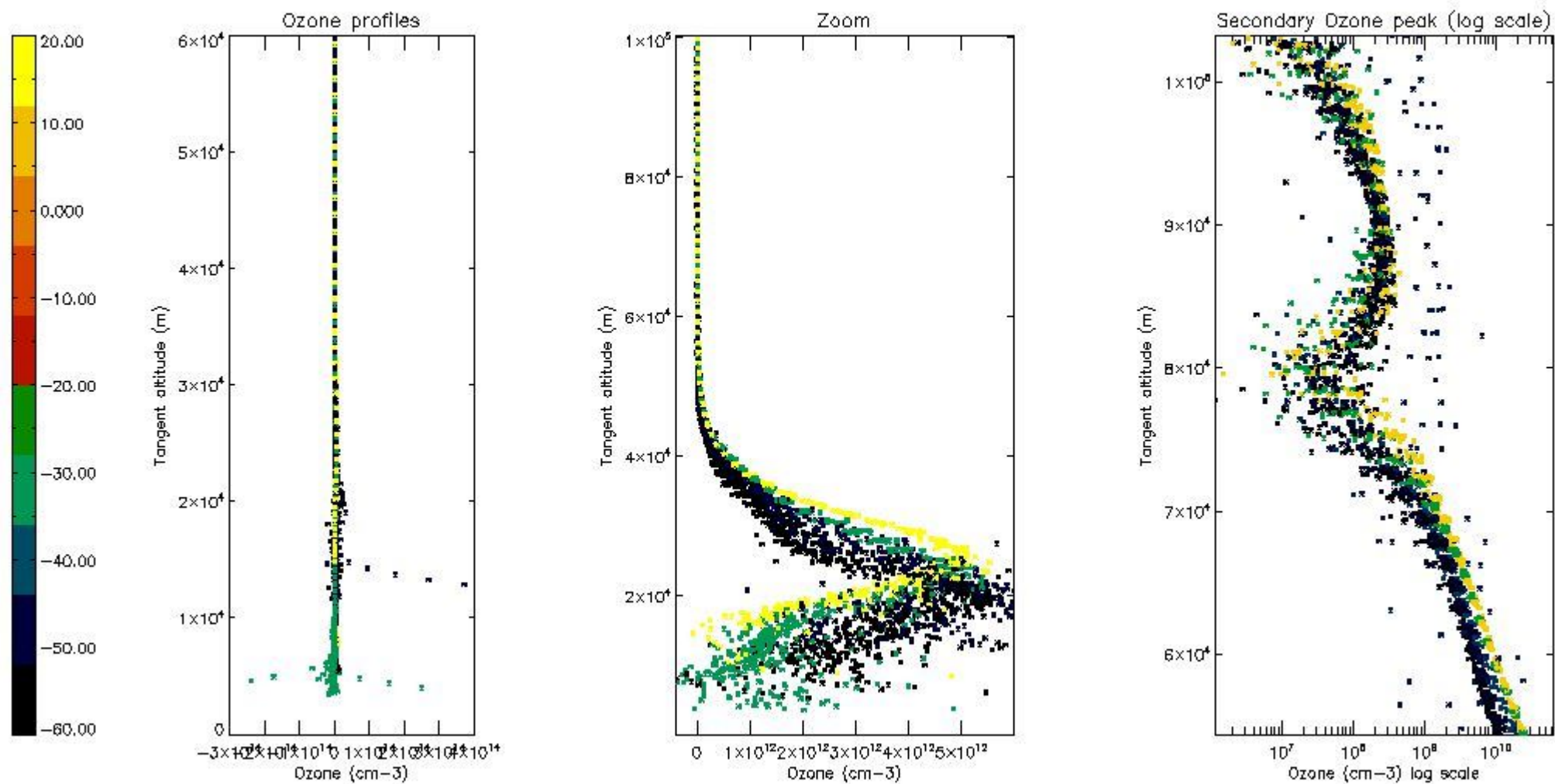
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	30
STD < 20	20

STD < 10	17
STD < 5	13

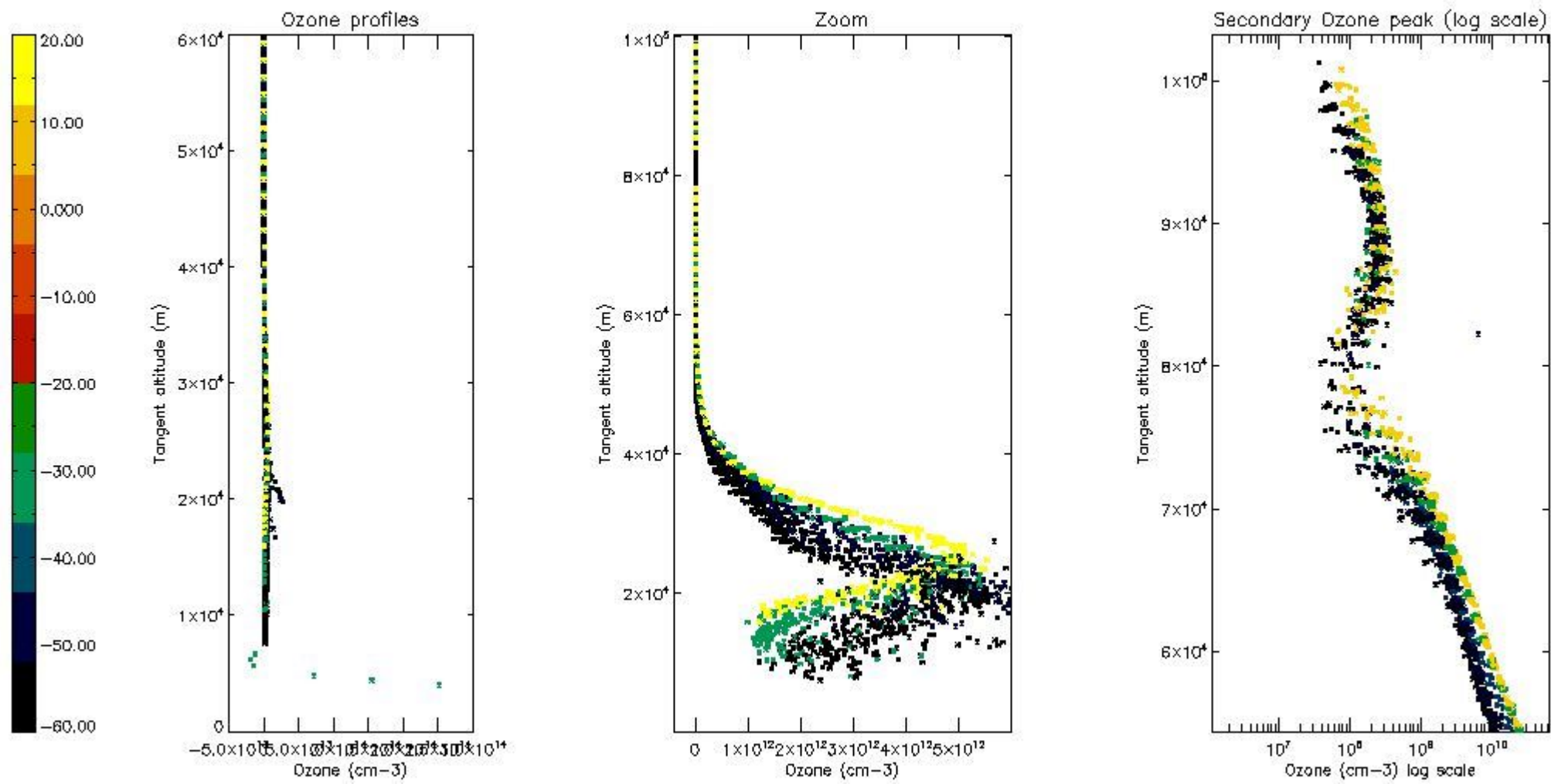
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



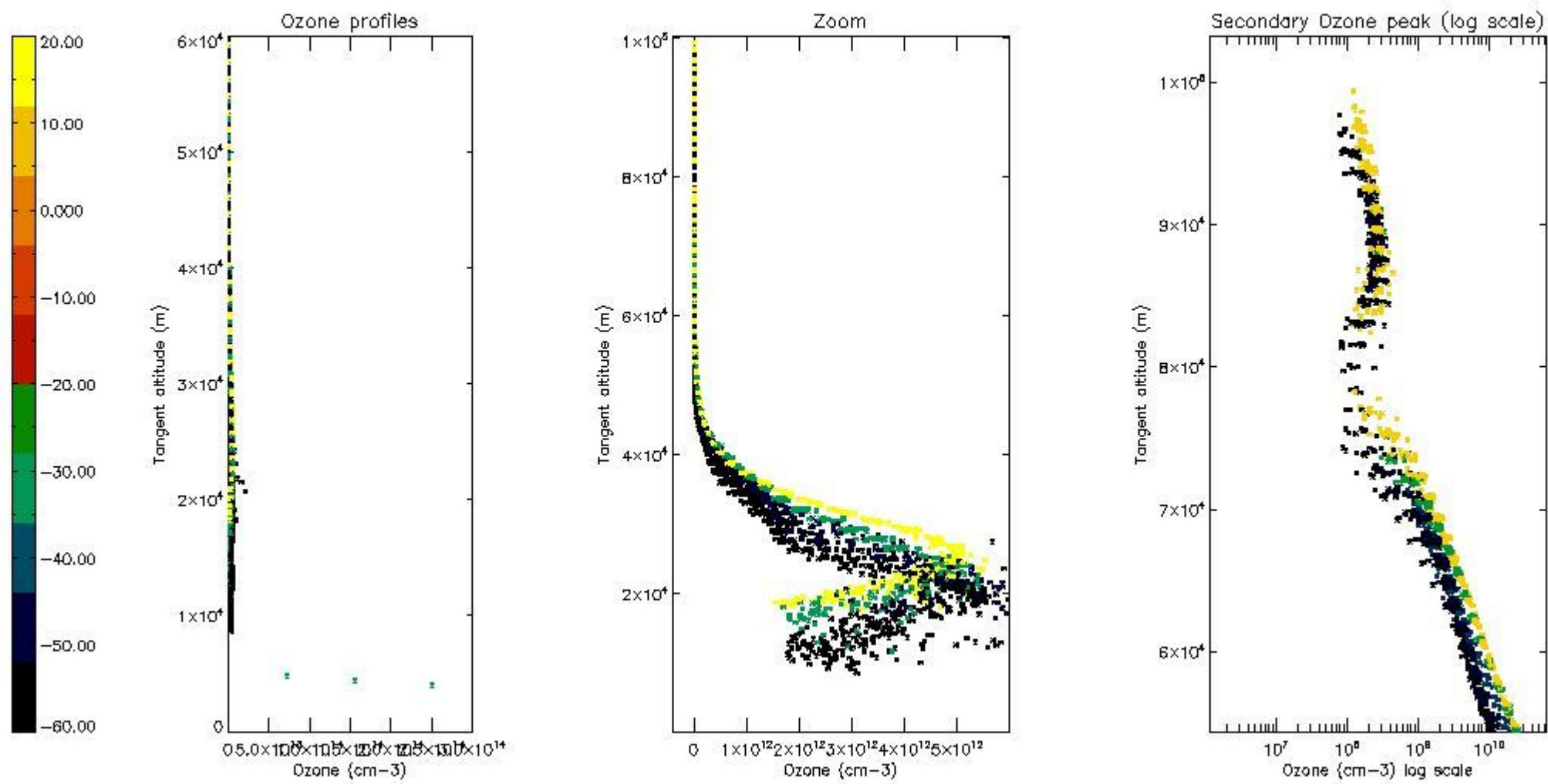
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



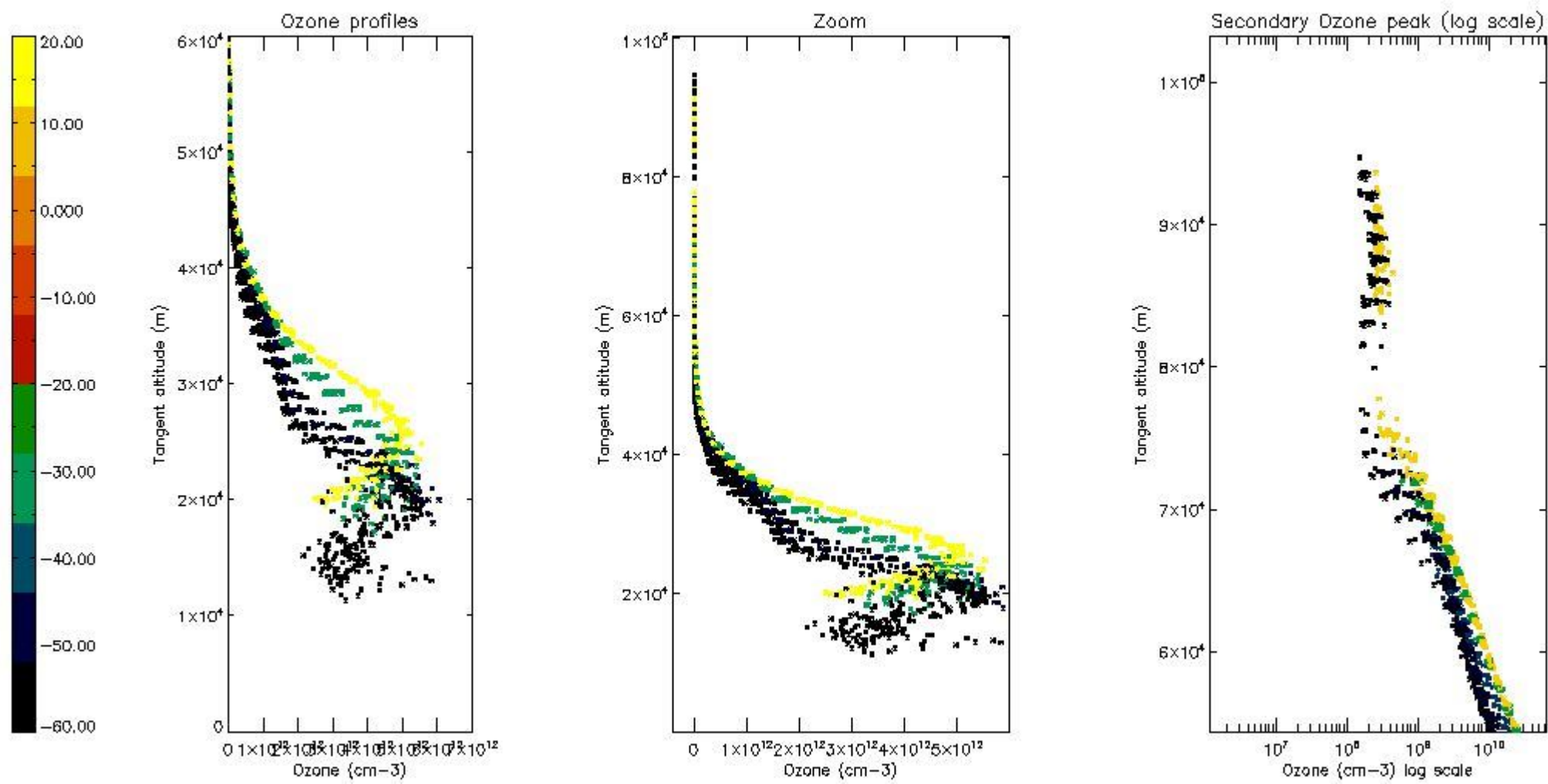
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



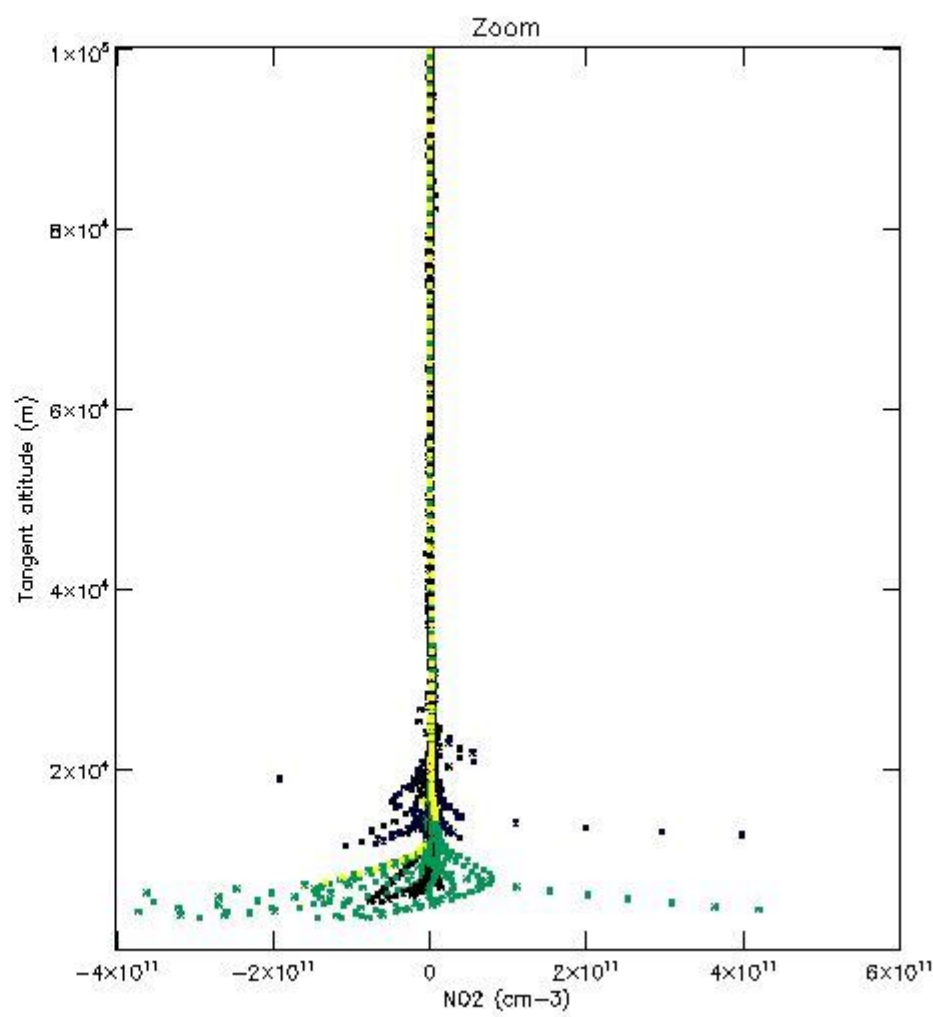
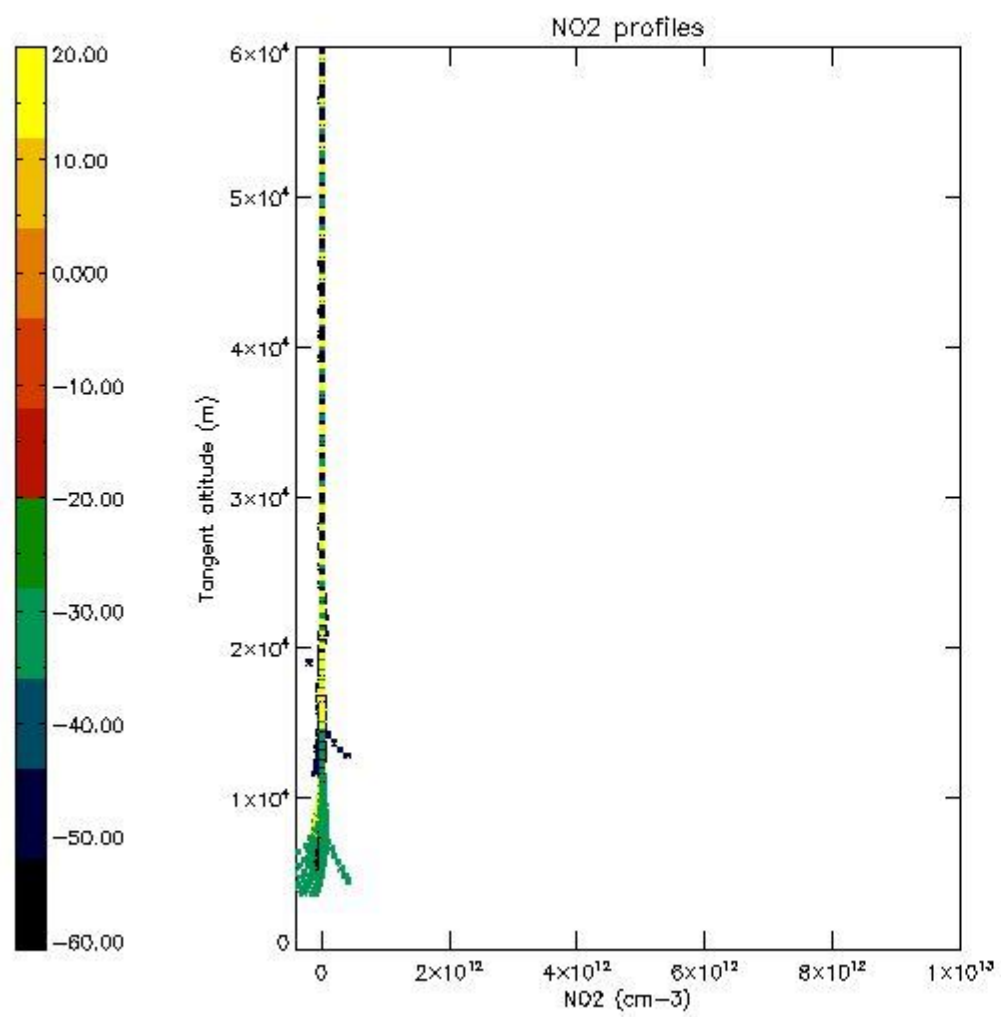
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



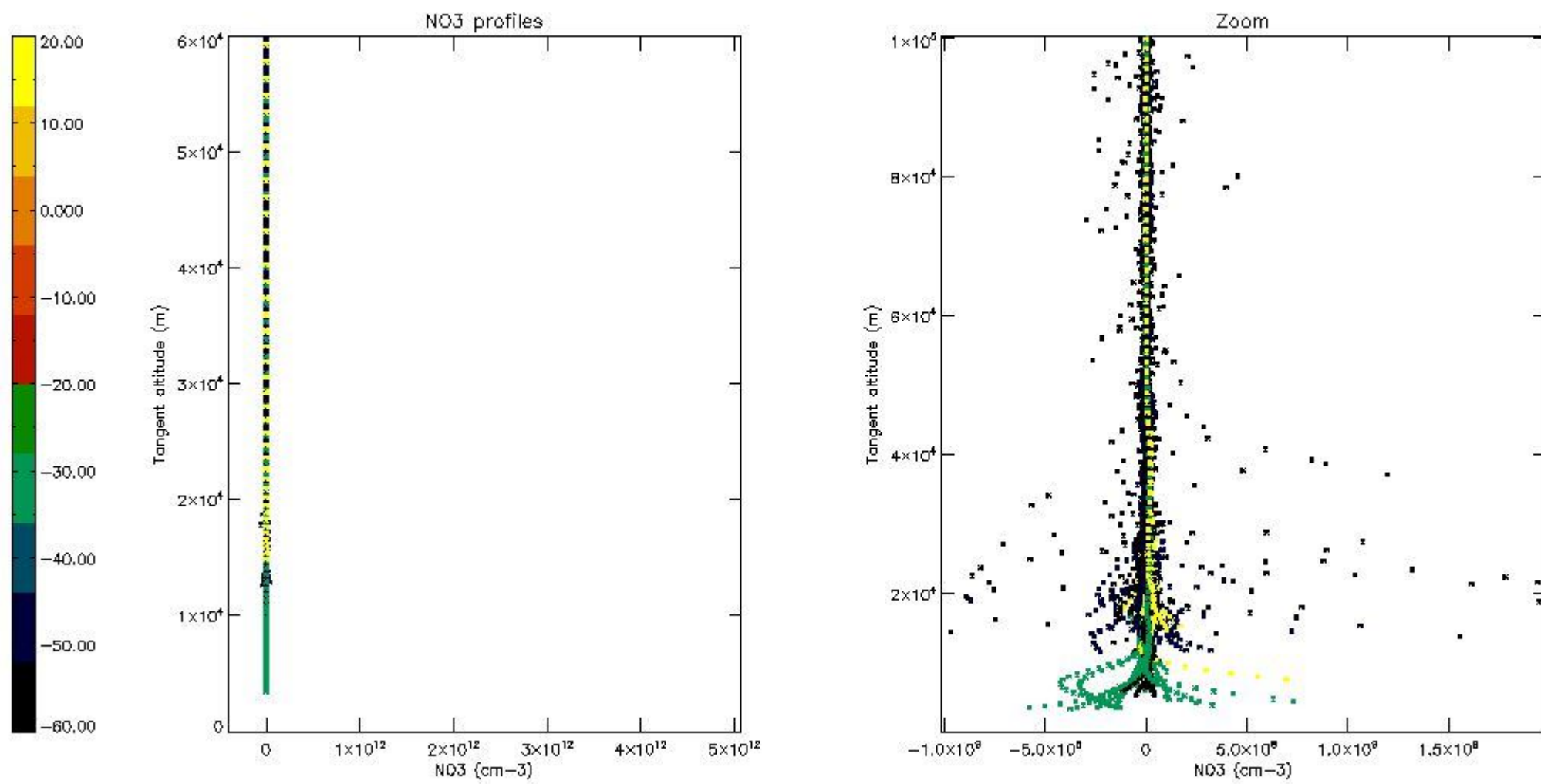
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



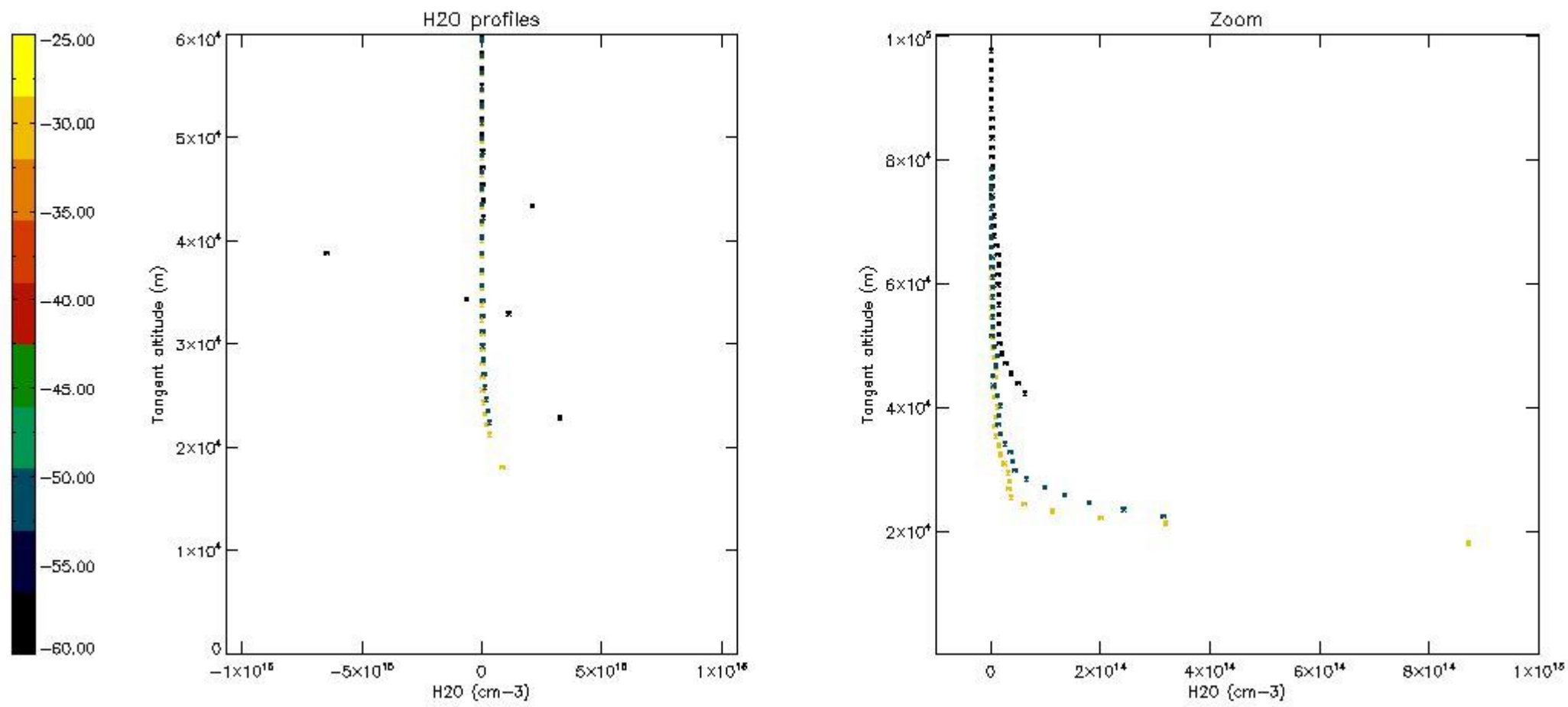
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

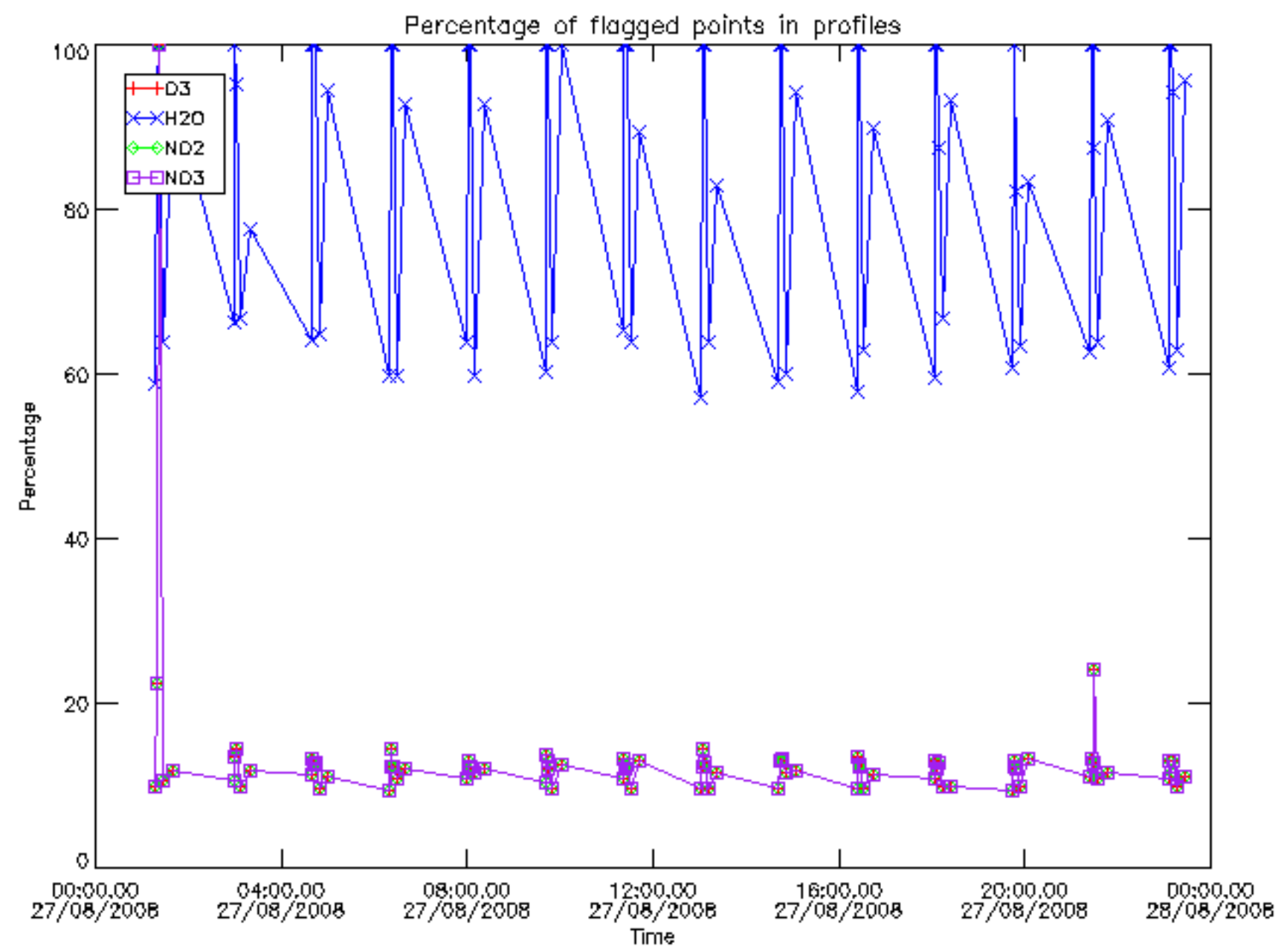
The colorbar represents the latitude.



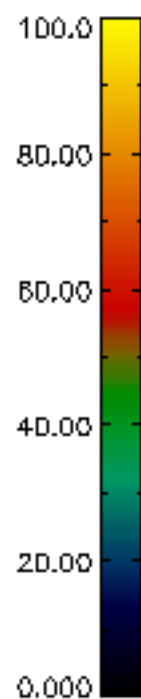
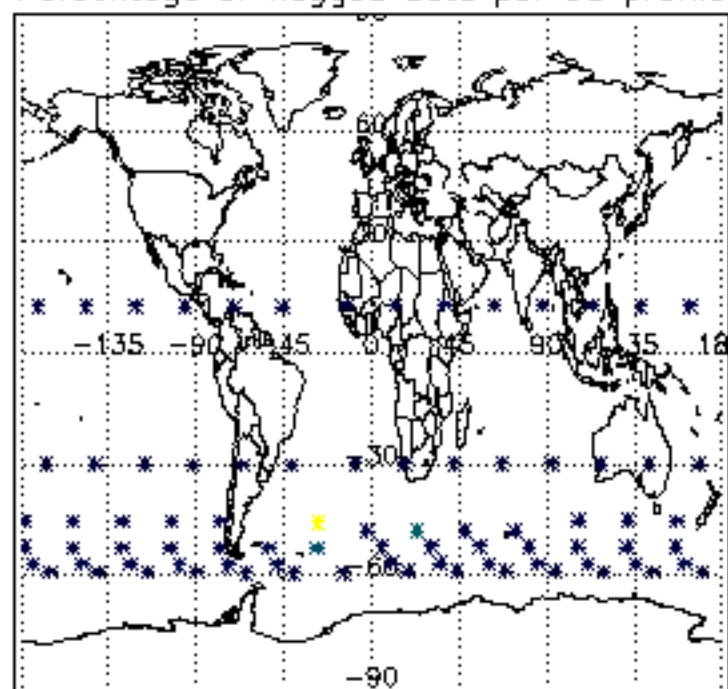
6. Auxiliary Data Files used for the production reported in section 2

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

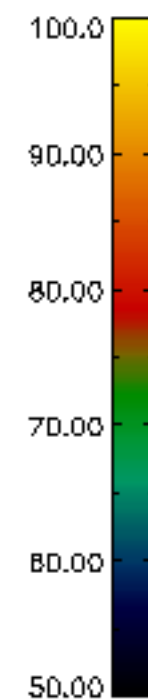
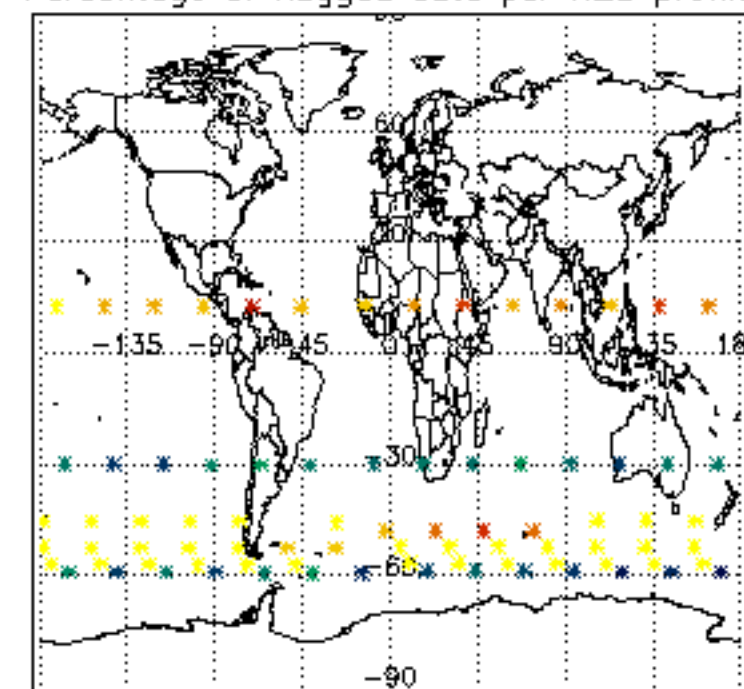
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	27-AUG-2008 00:06:29
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	27-AUG-2008 00:06:29
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	27-AUG-2008 00:06:29



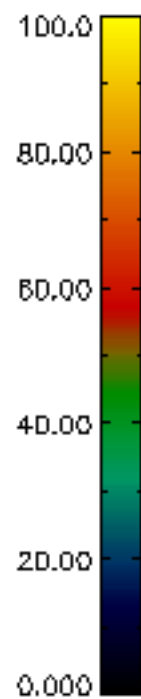
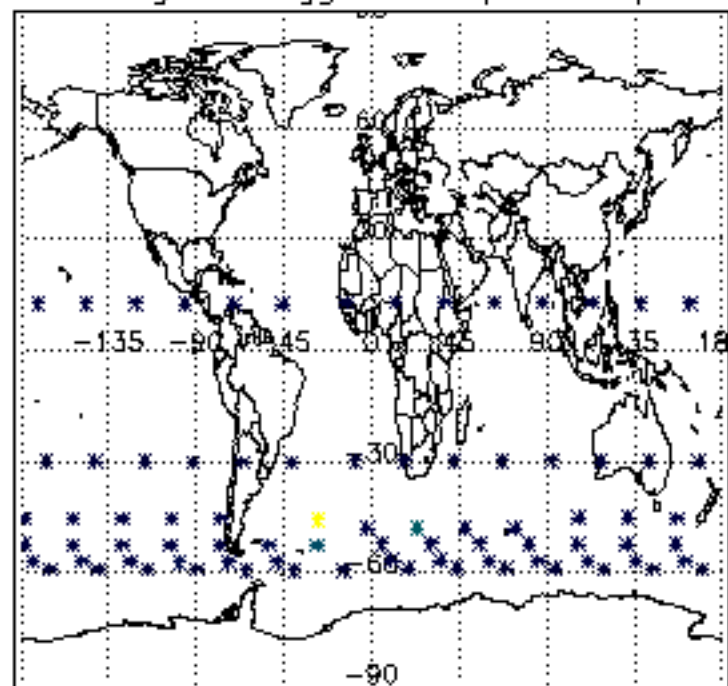
Percentage of flagged data per D3 profile



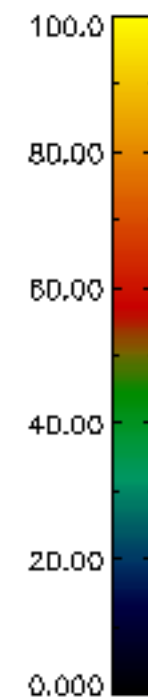
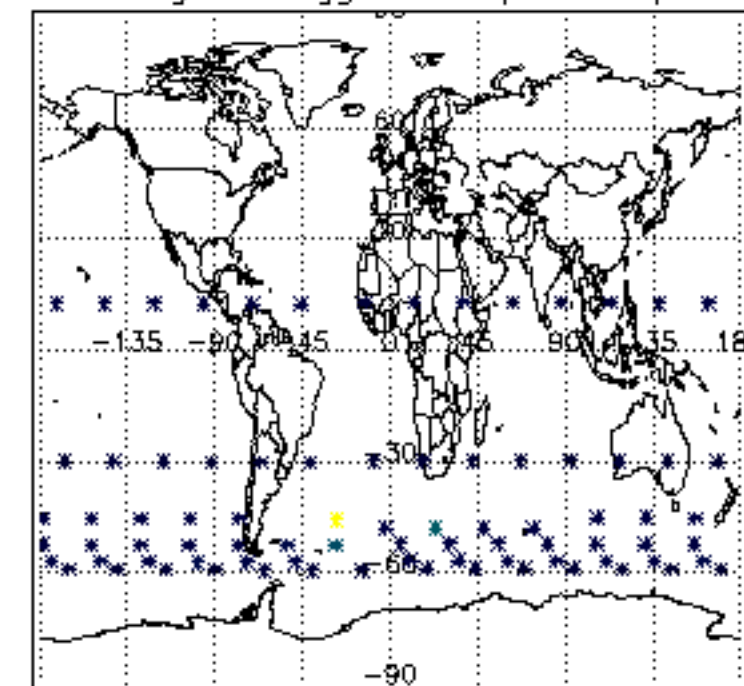
Percentage of flagged data per H2O profile

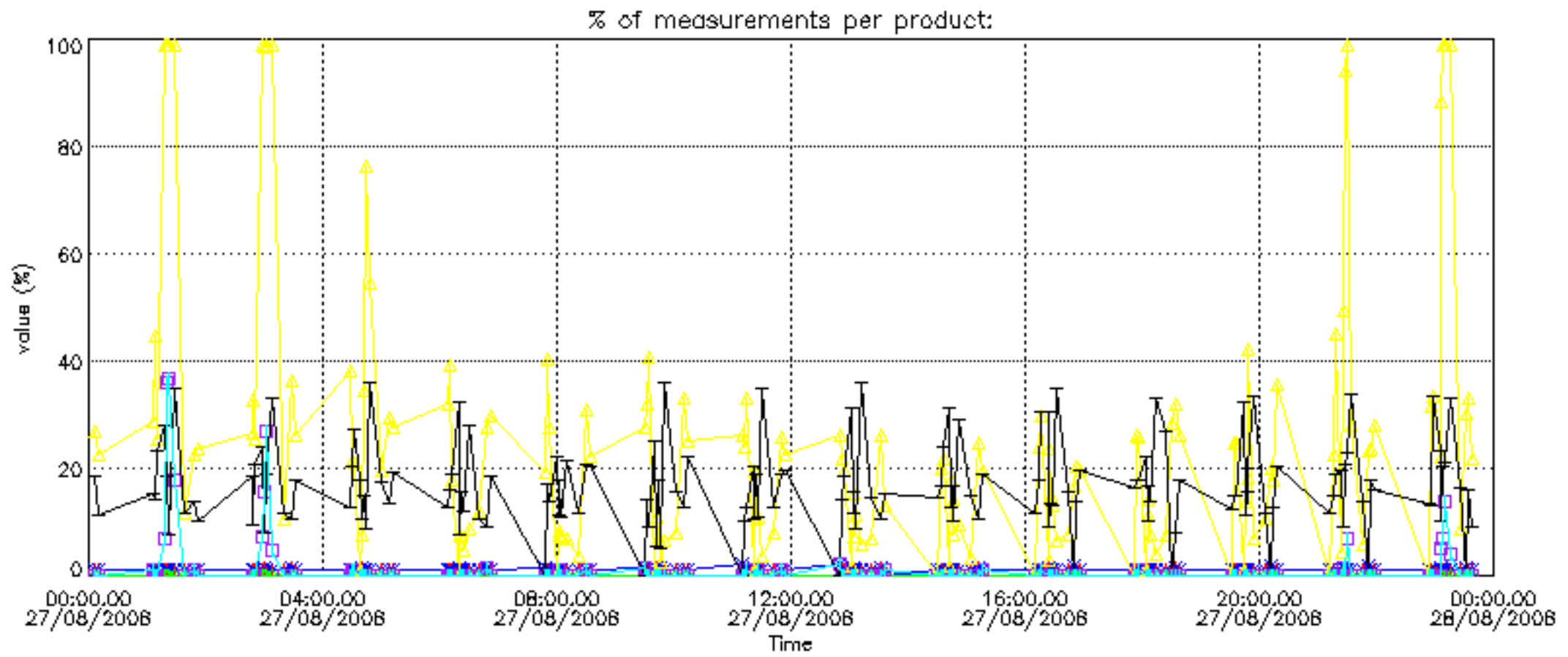


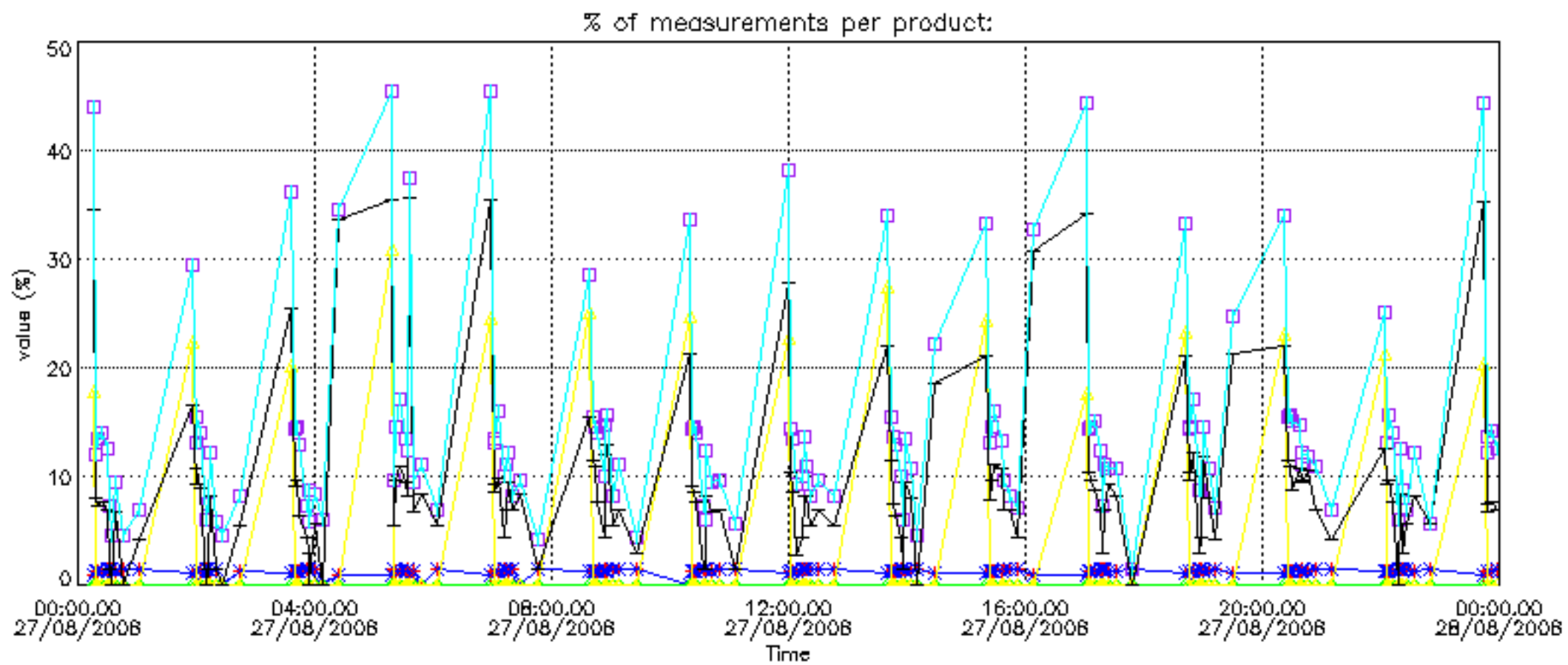
Percentage of flagged data per NO2 profile



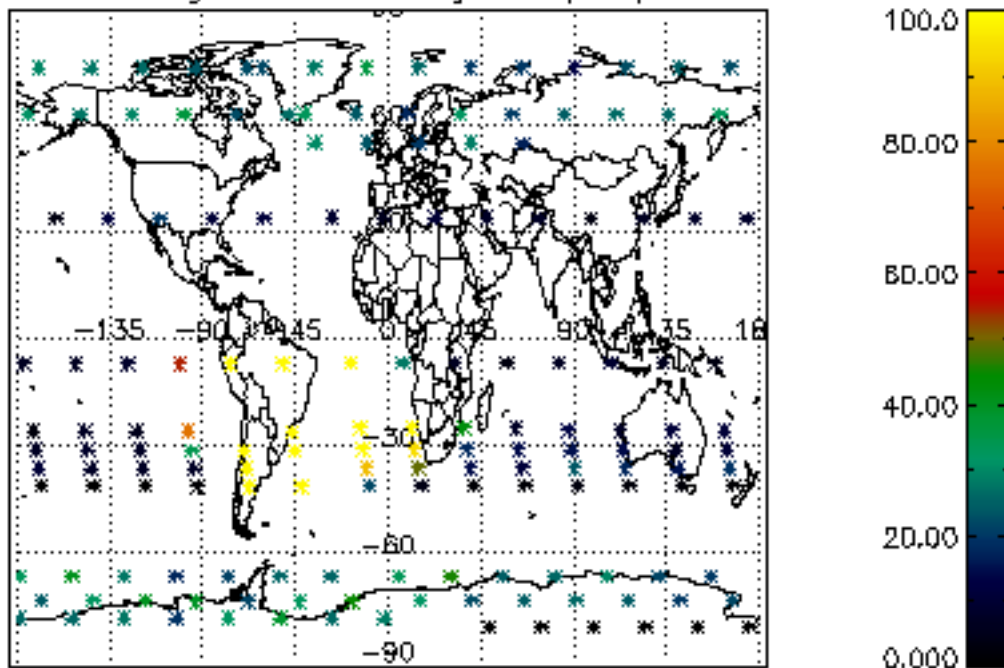
Percentage of flagged data per NO3 profile



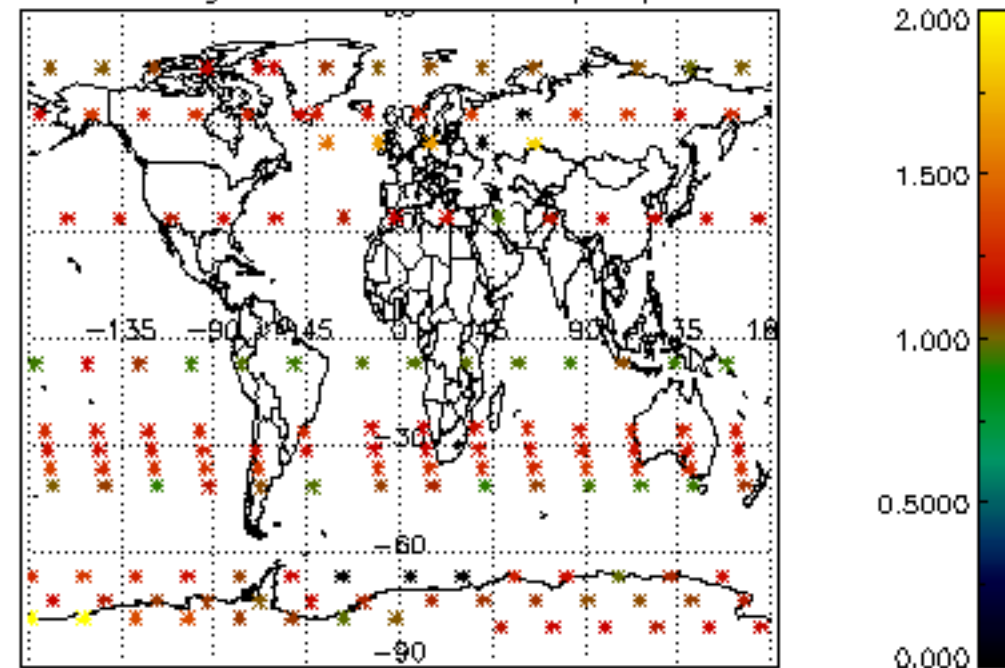




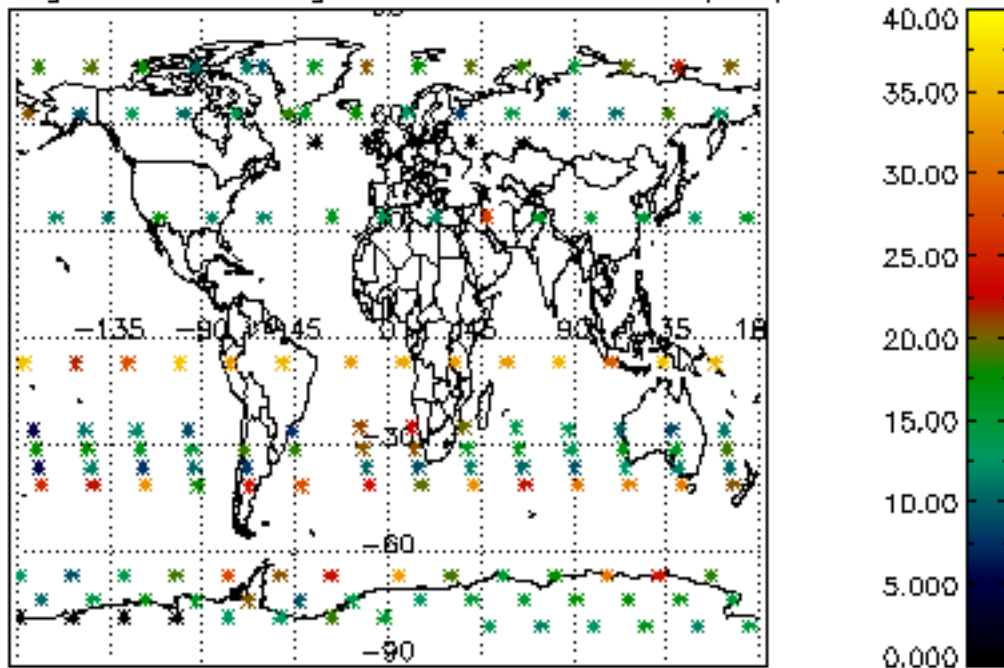
Percentage of cosmic ray hits per profile



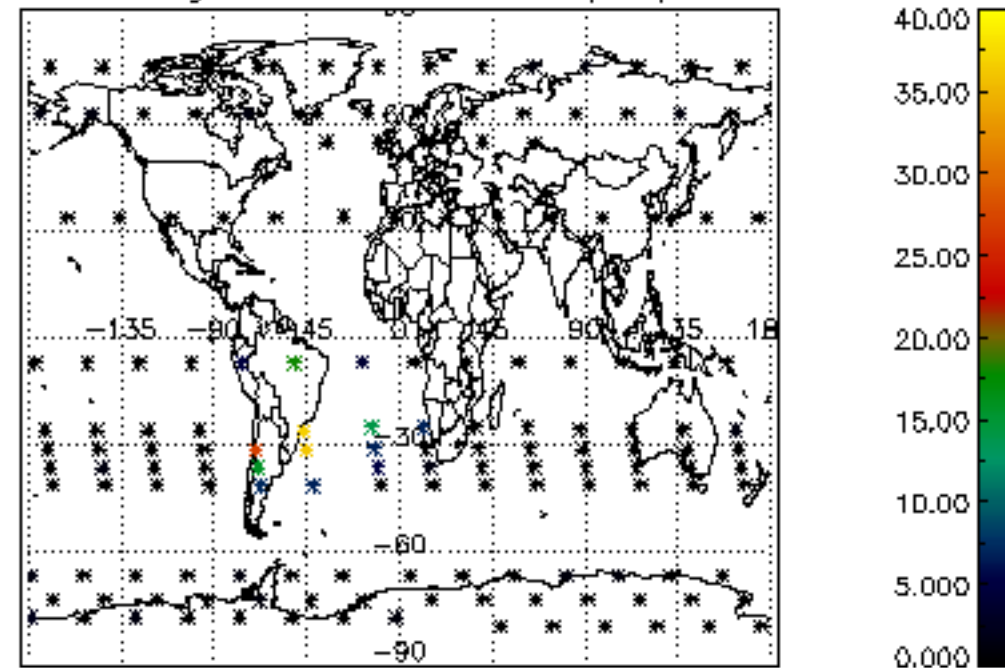
Percentage of datation errors per profile



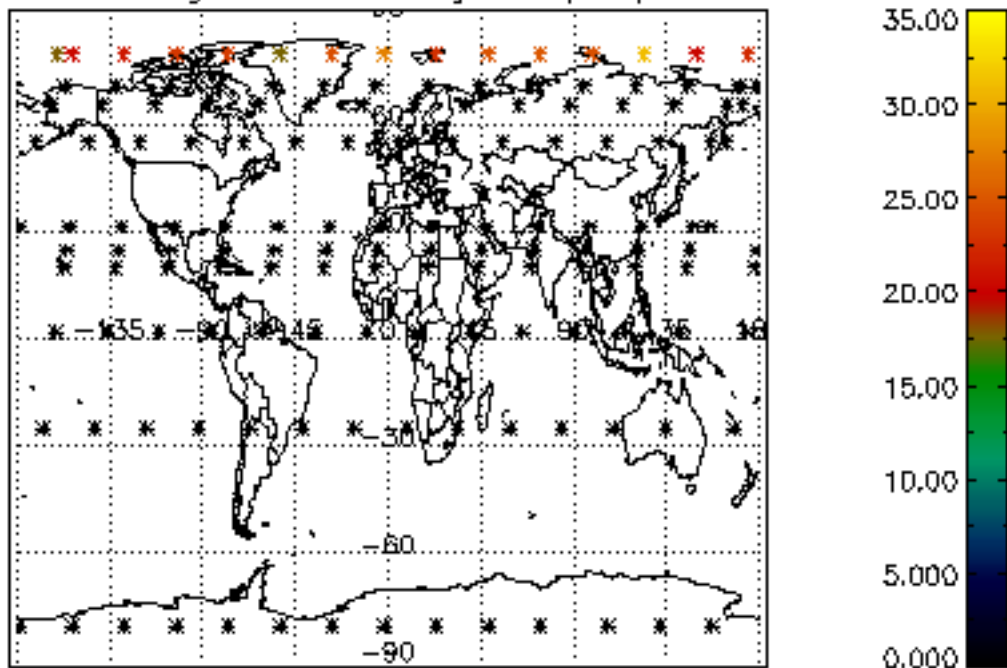
Percentage of star falling outside central band per profile



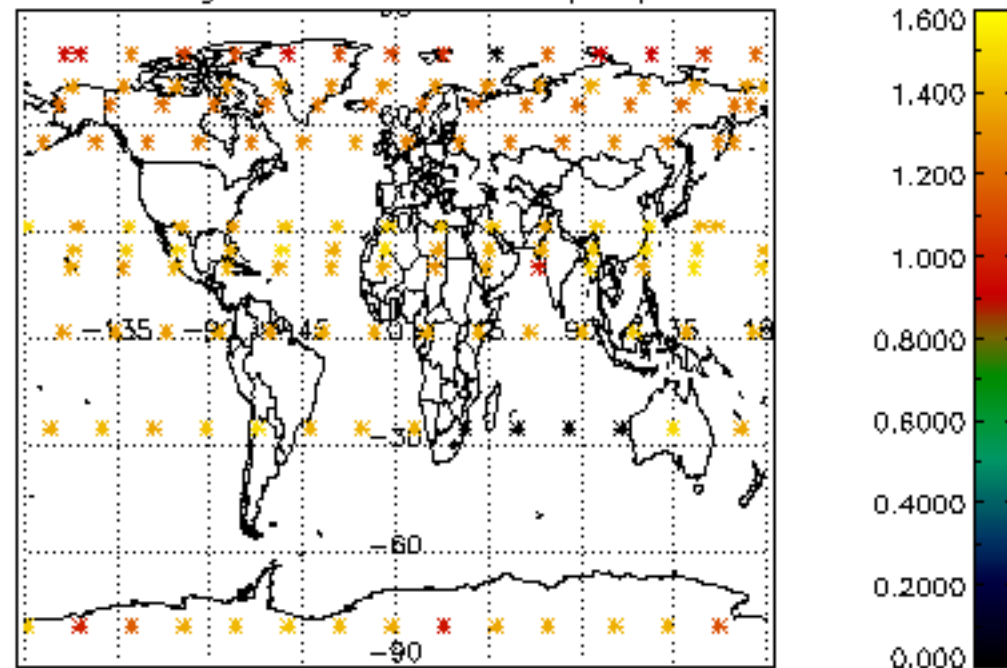
Percentage of saturation errors per profile



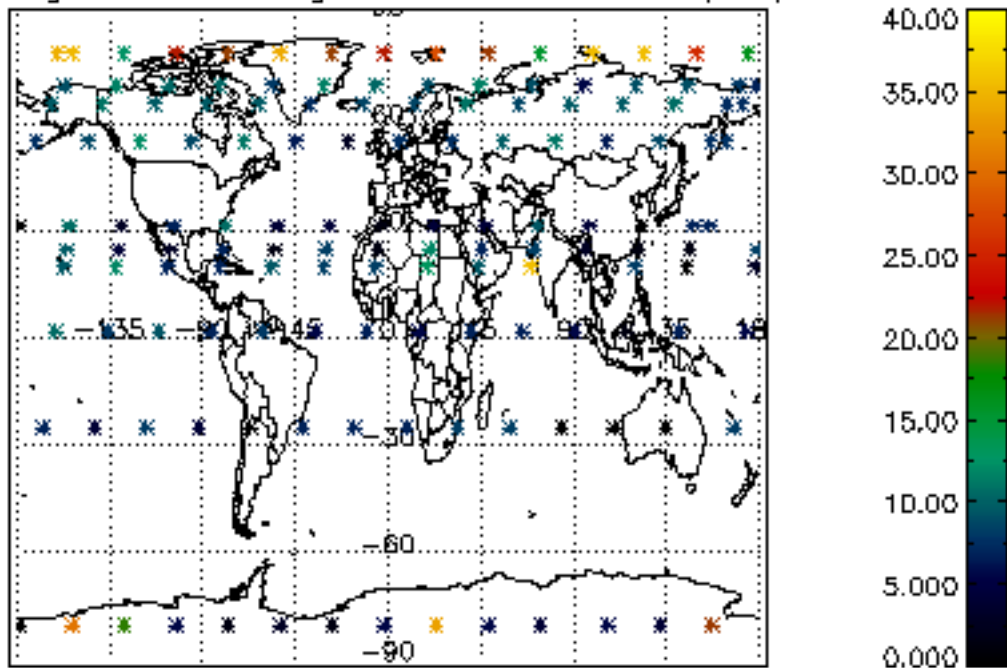
Percentage of cosmic ray hits per profile



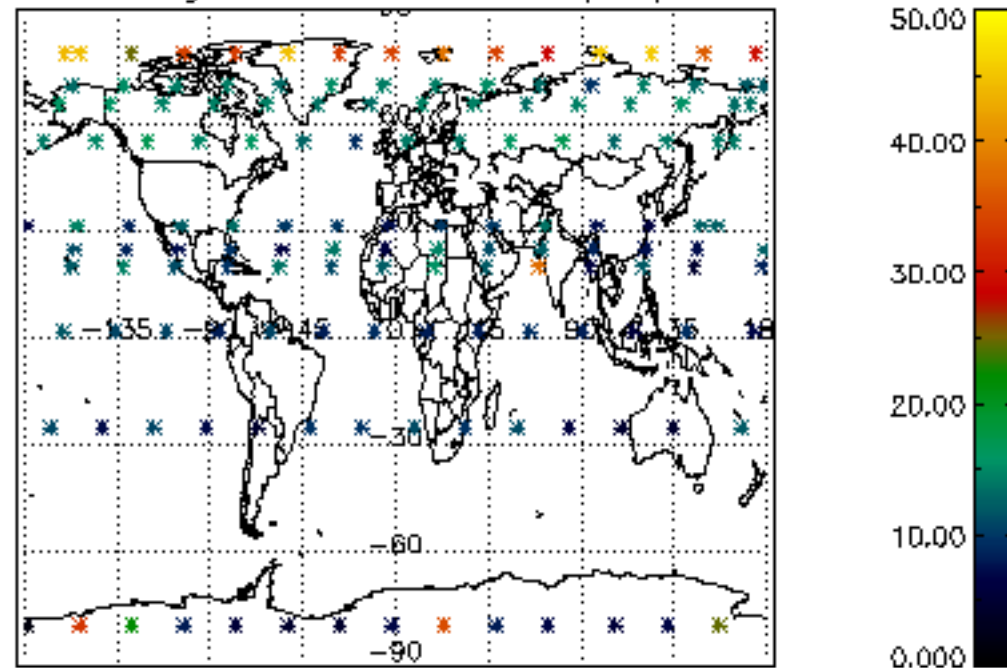
Percentage of datation errors per profile

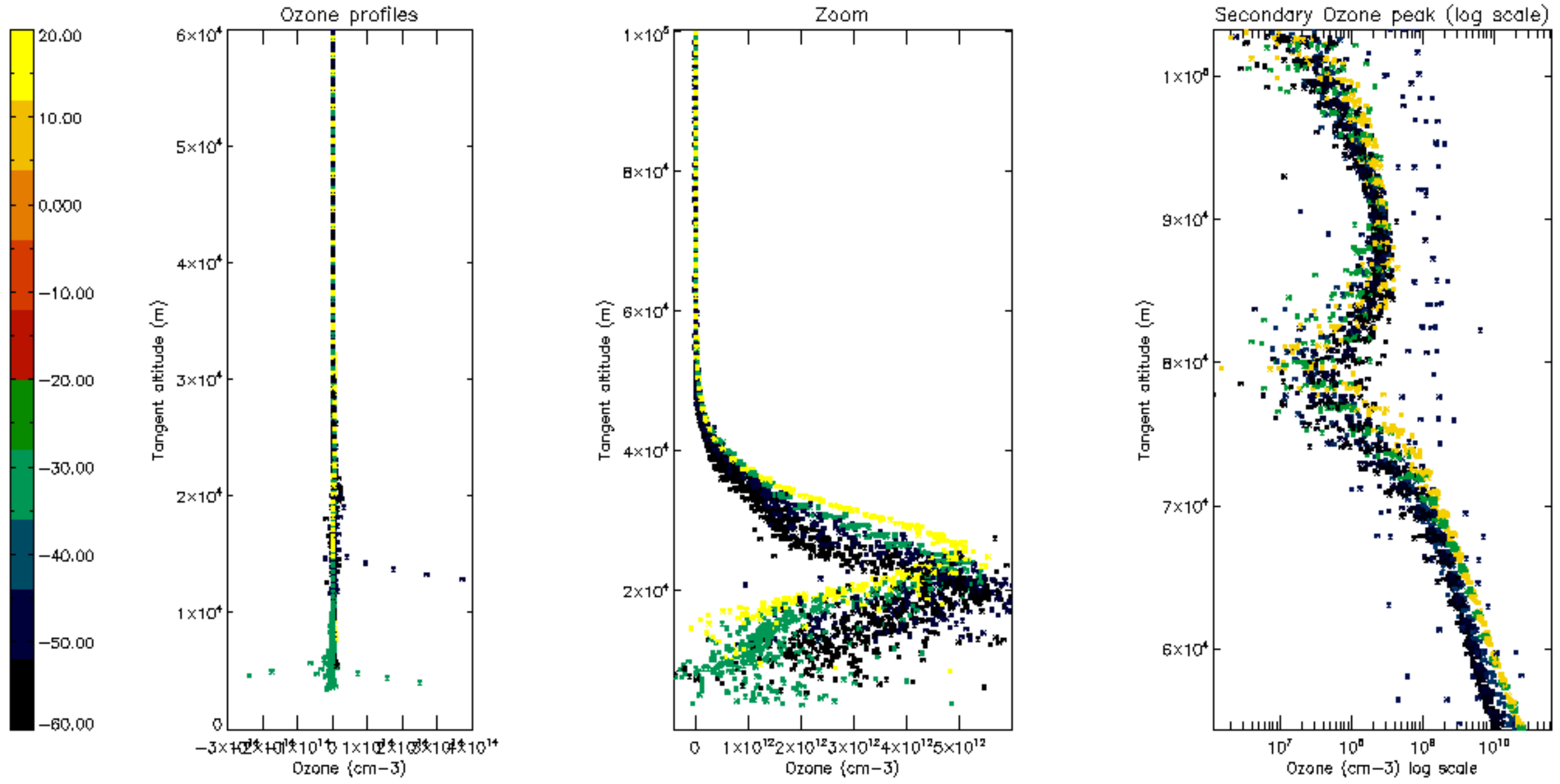


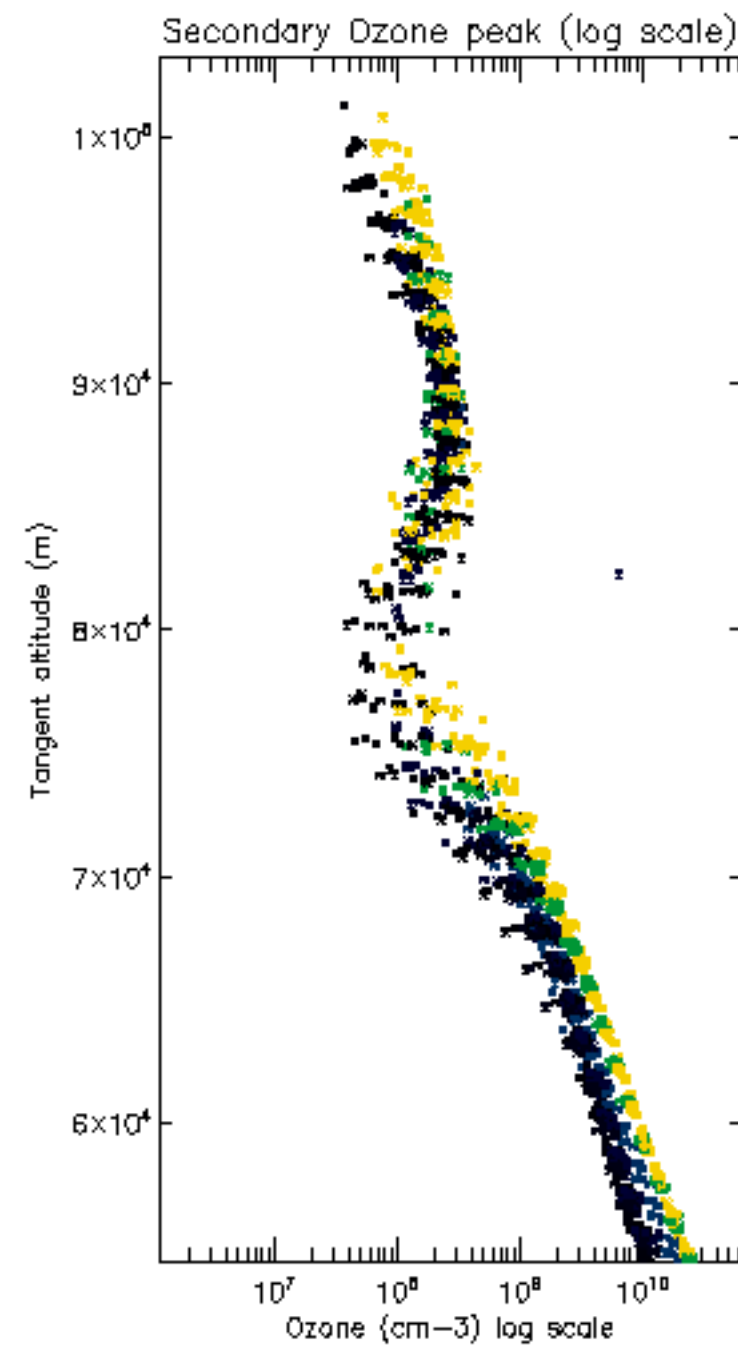
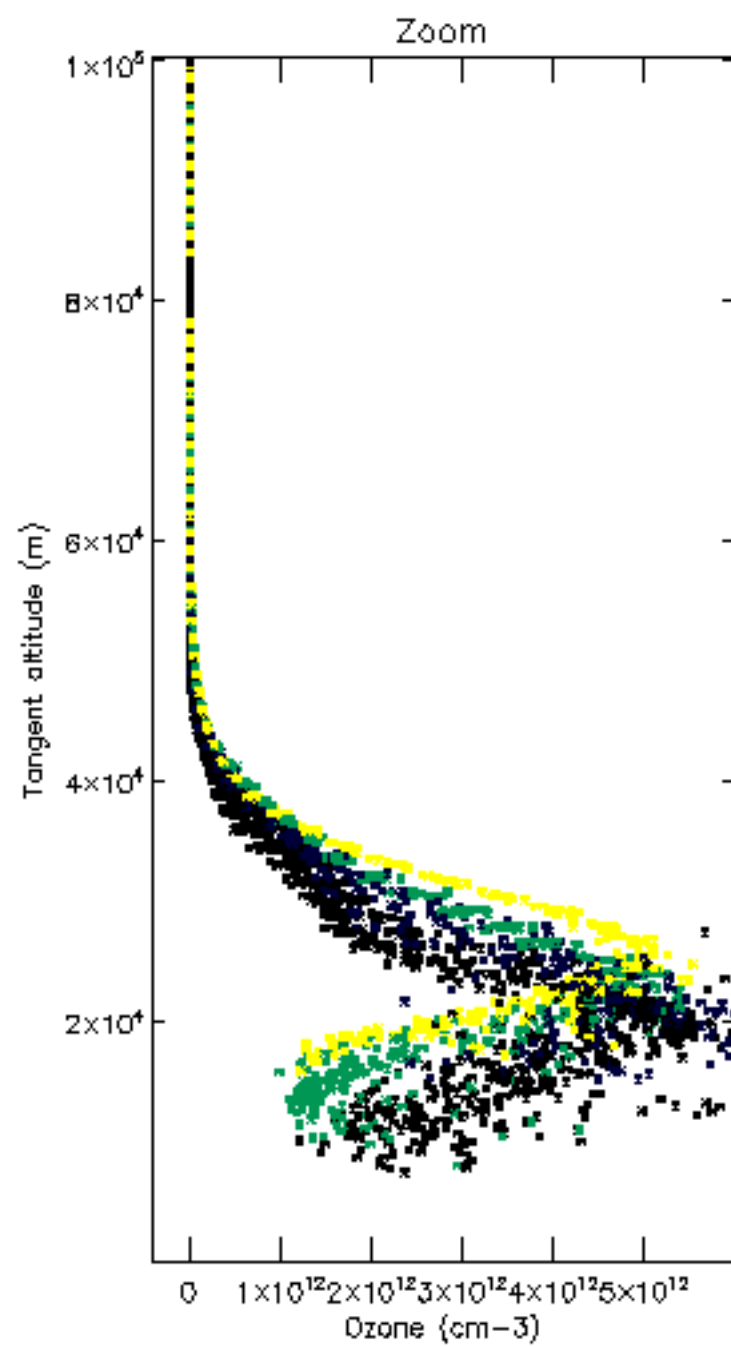
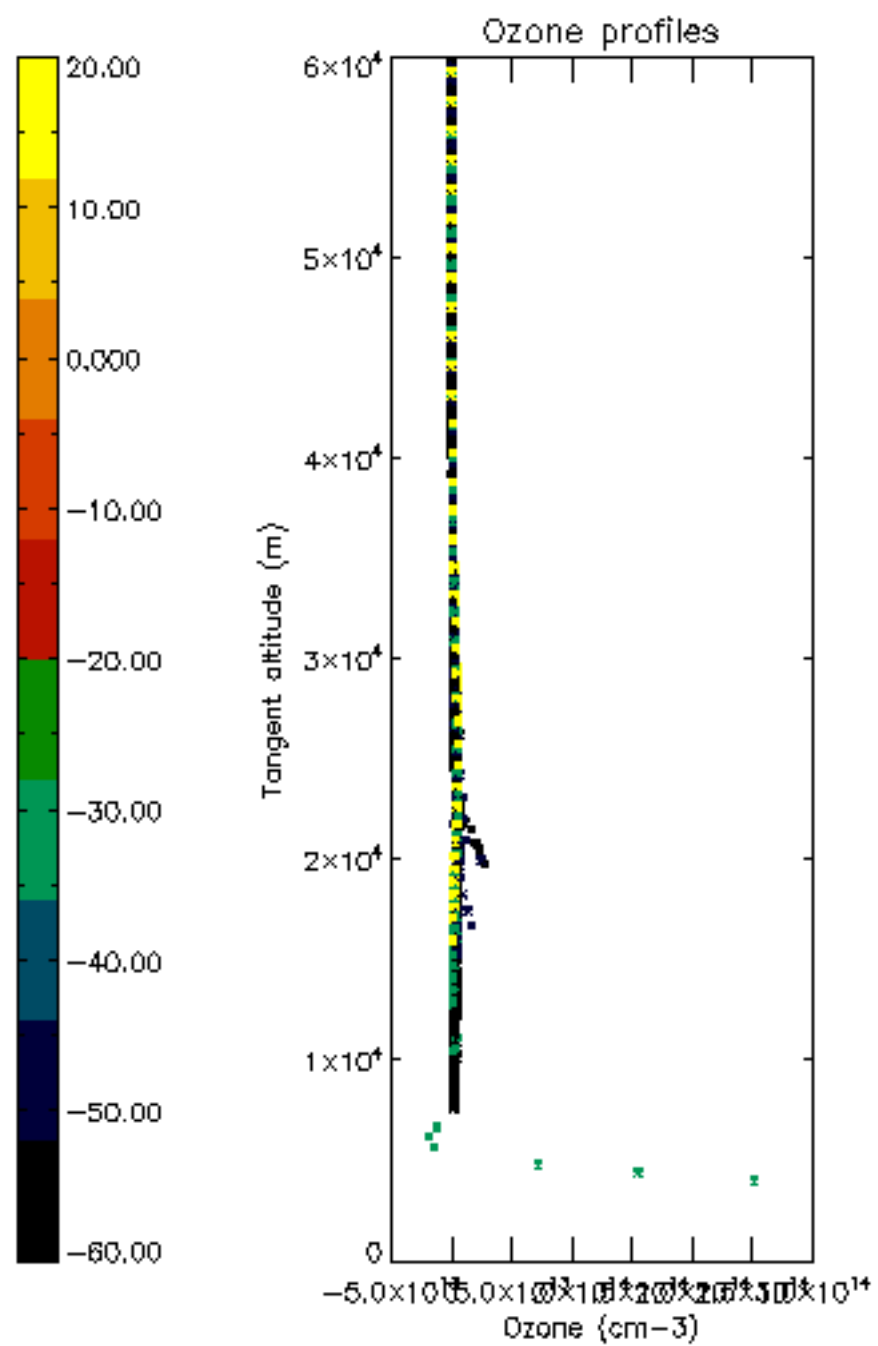
Percentage of star falling outside central band per profile

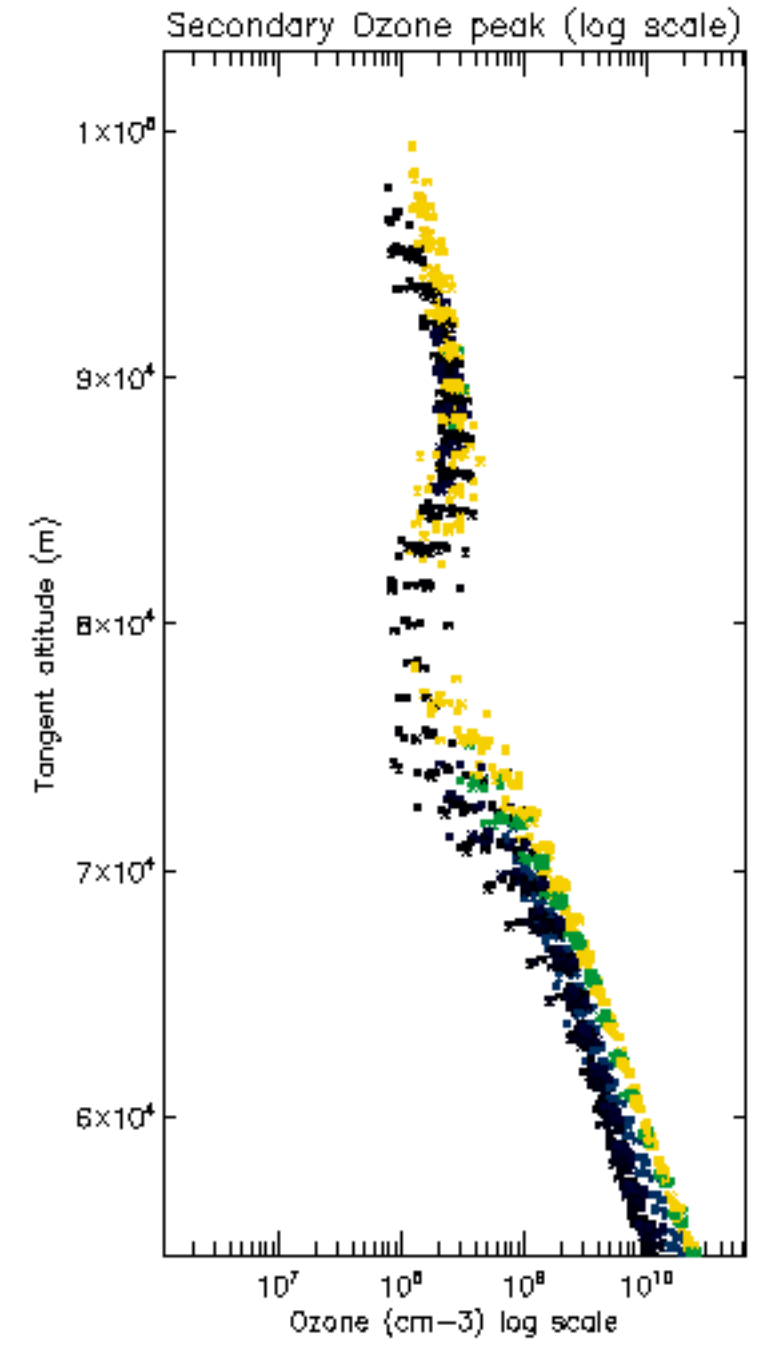
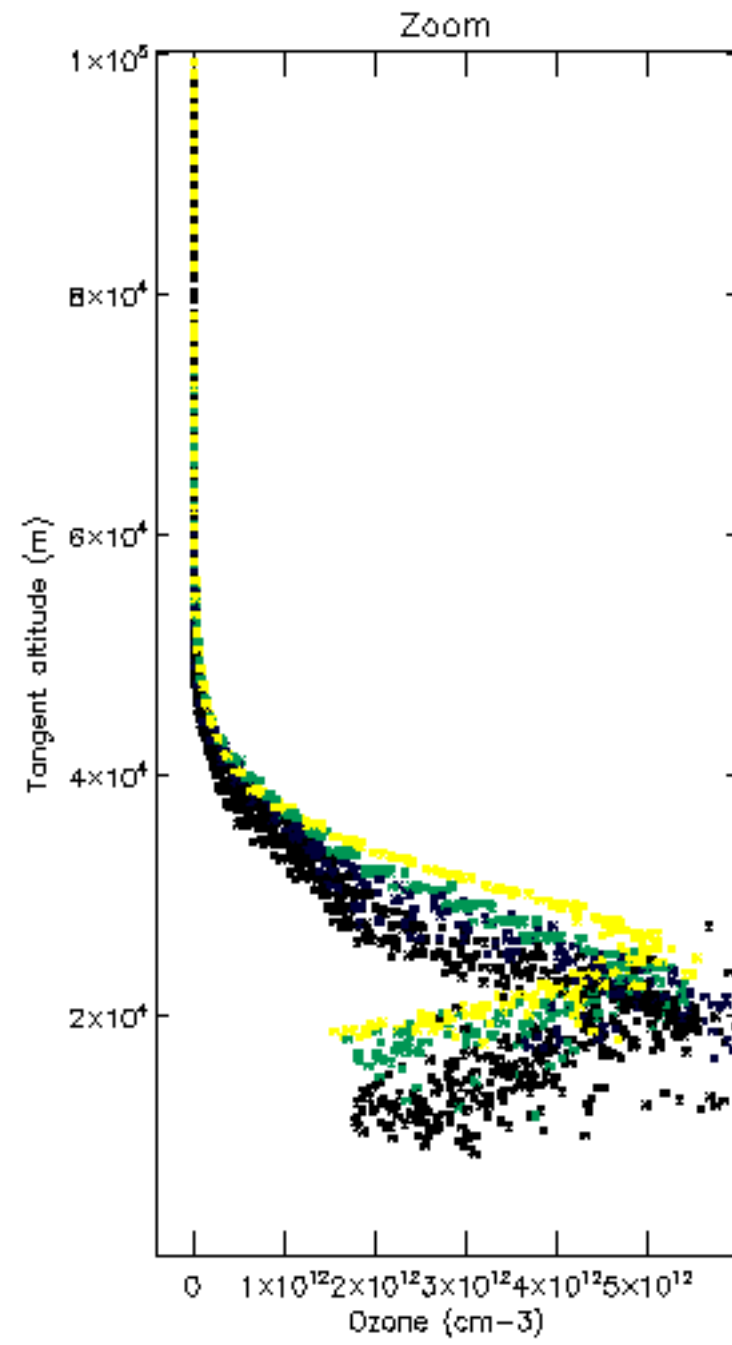
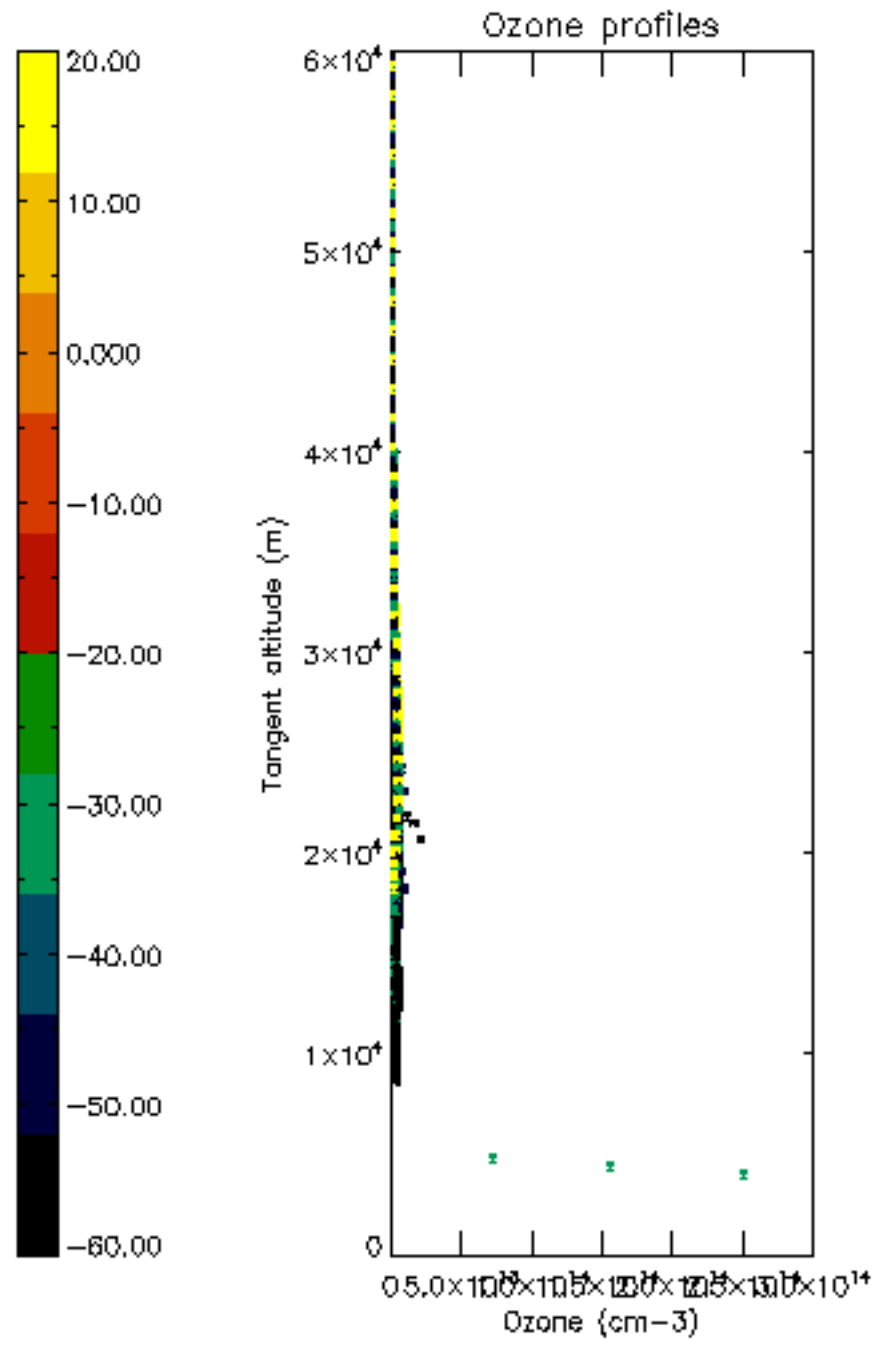


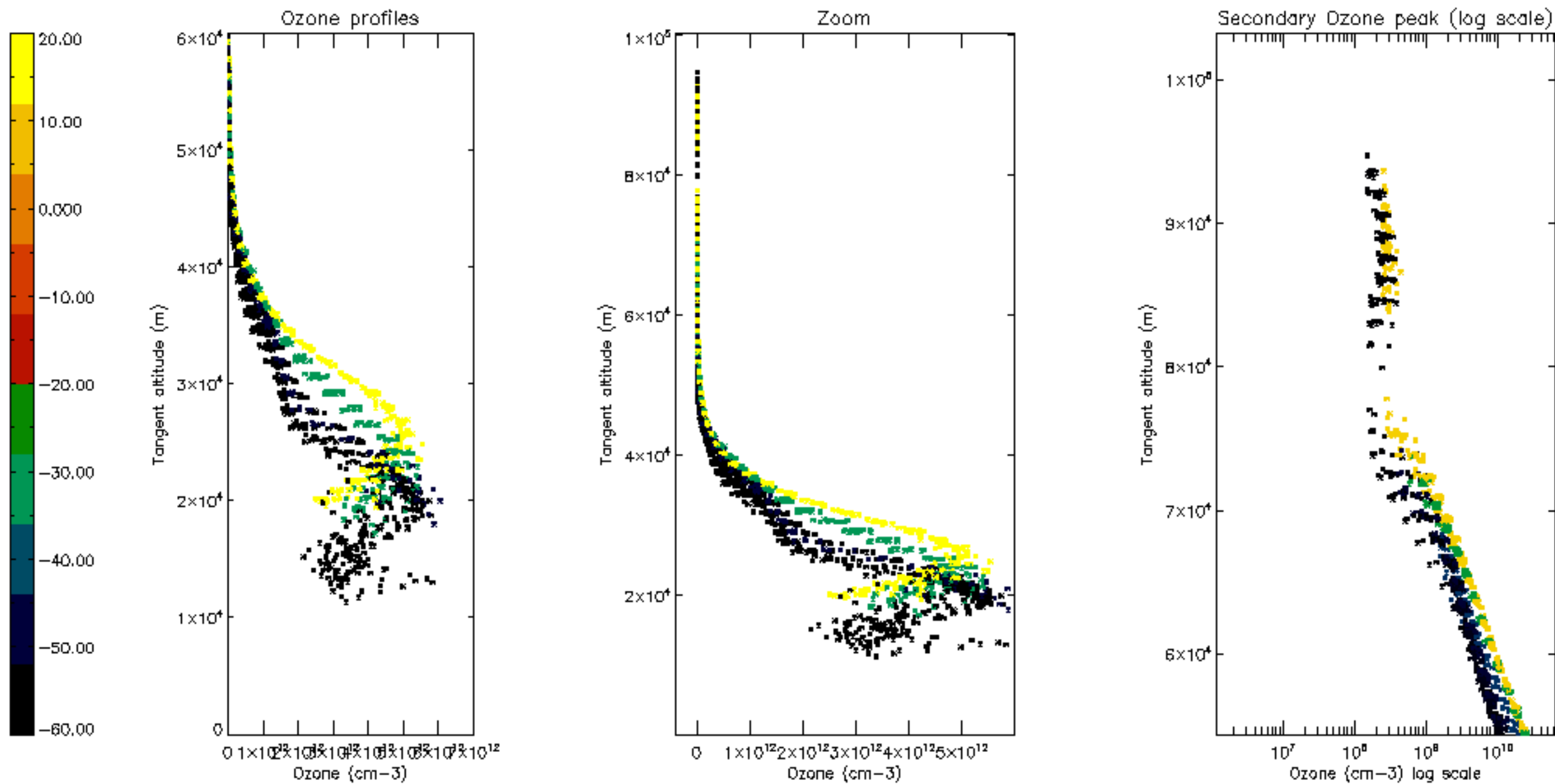
Percentage of saturation errors per profile

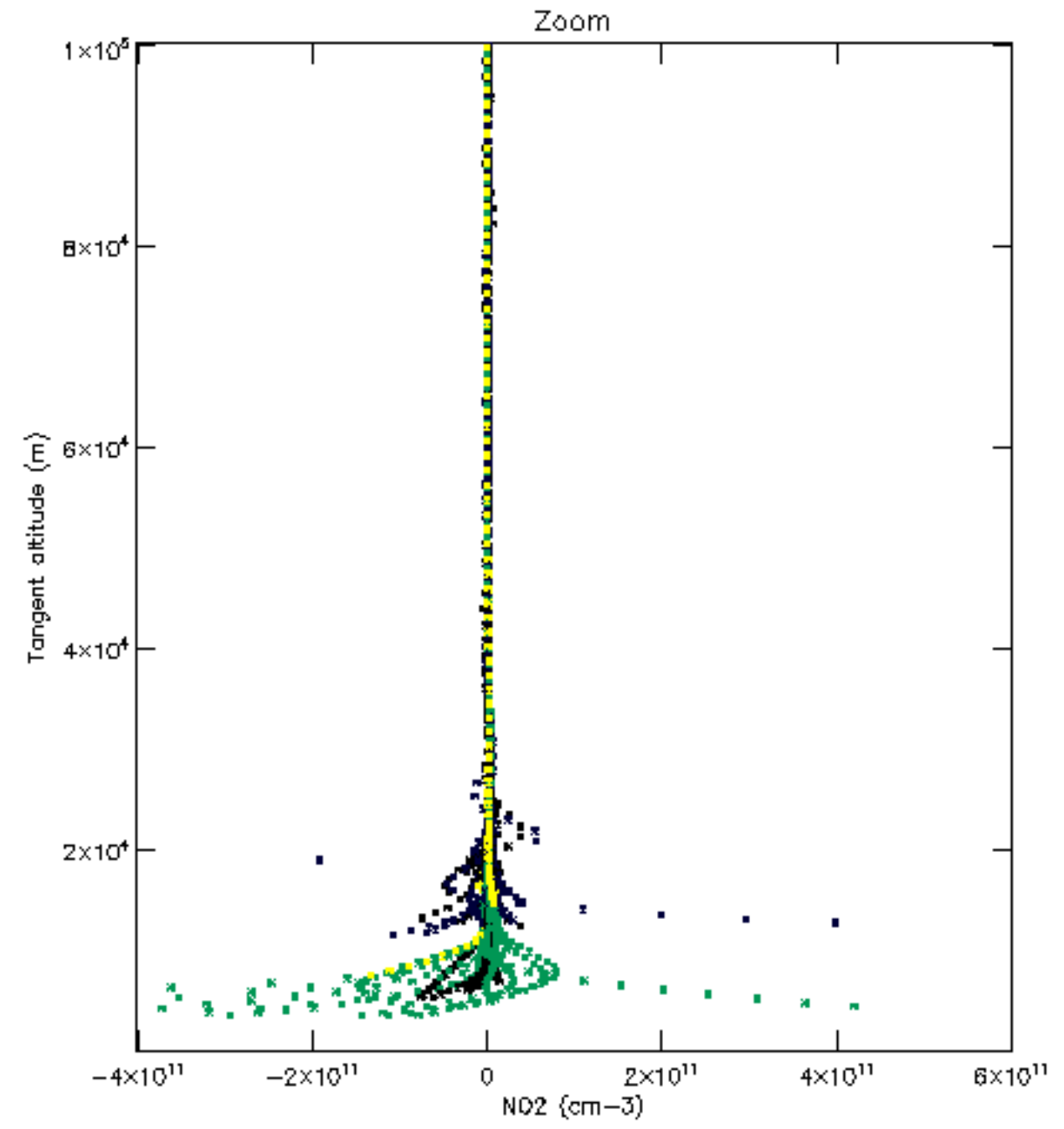
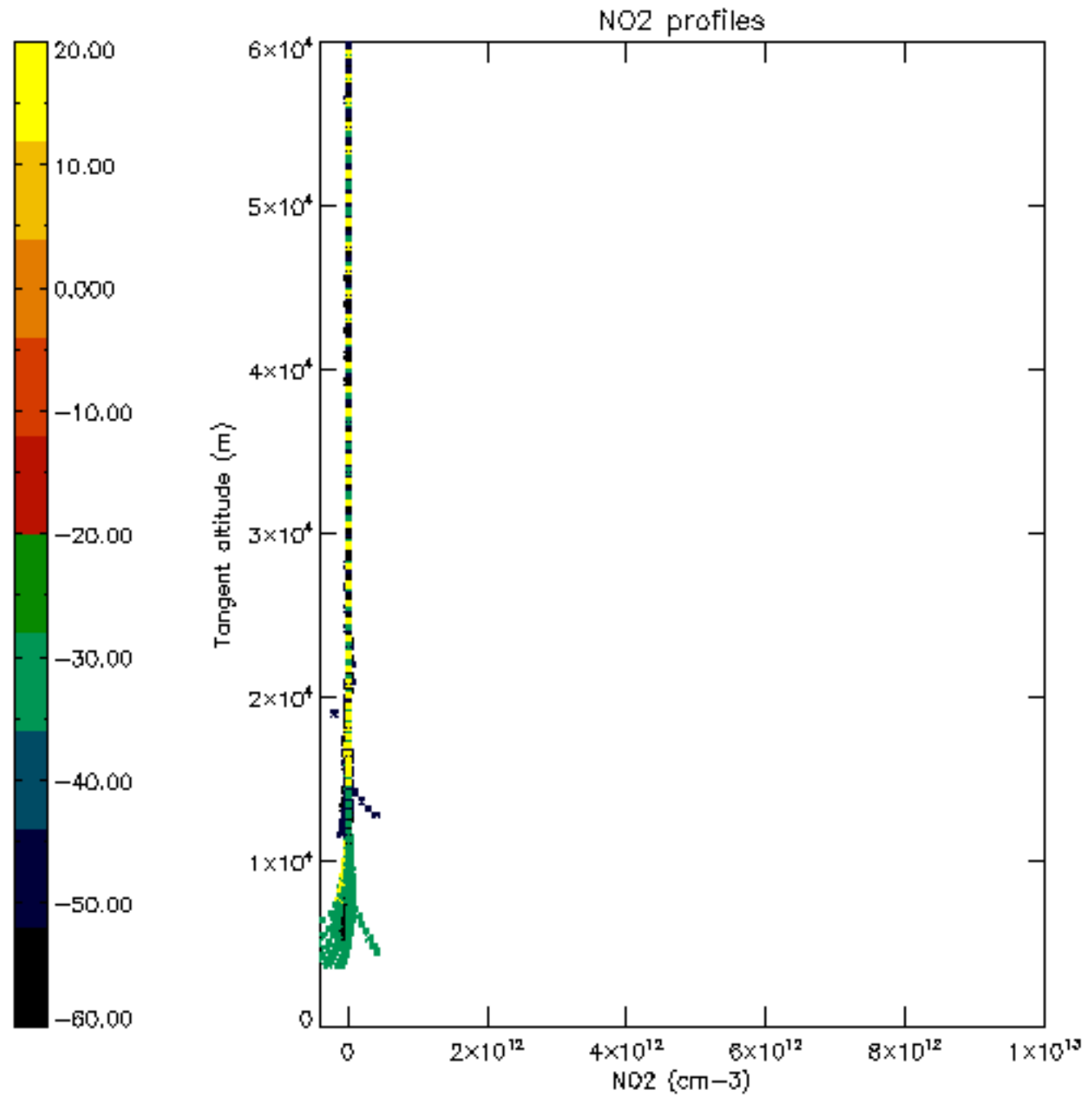


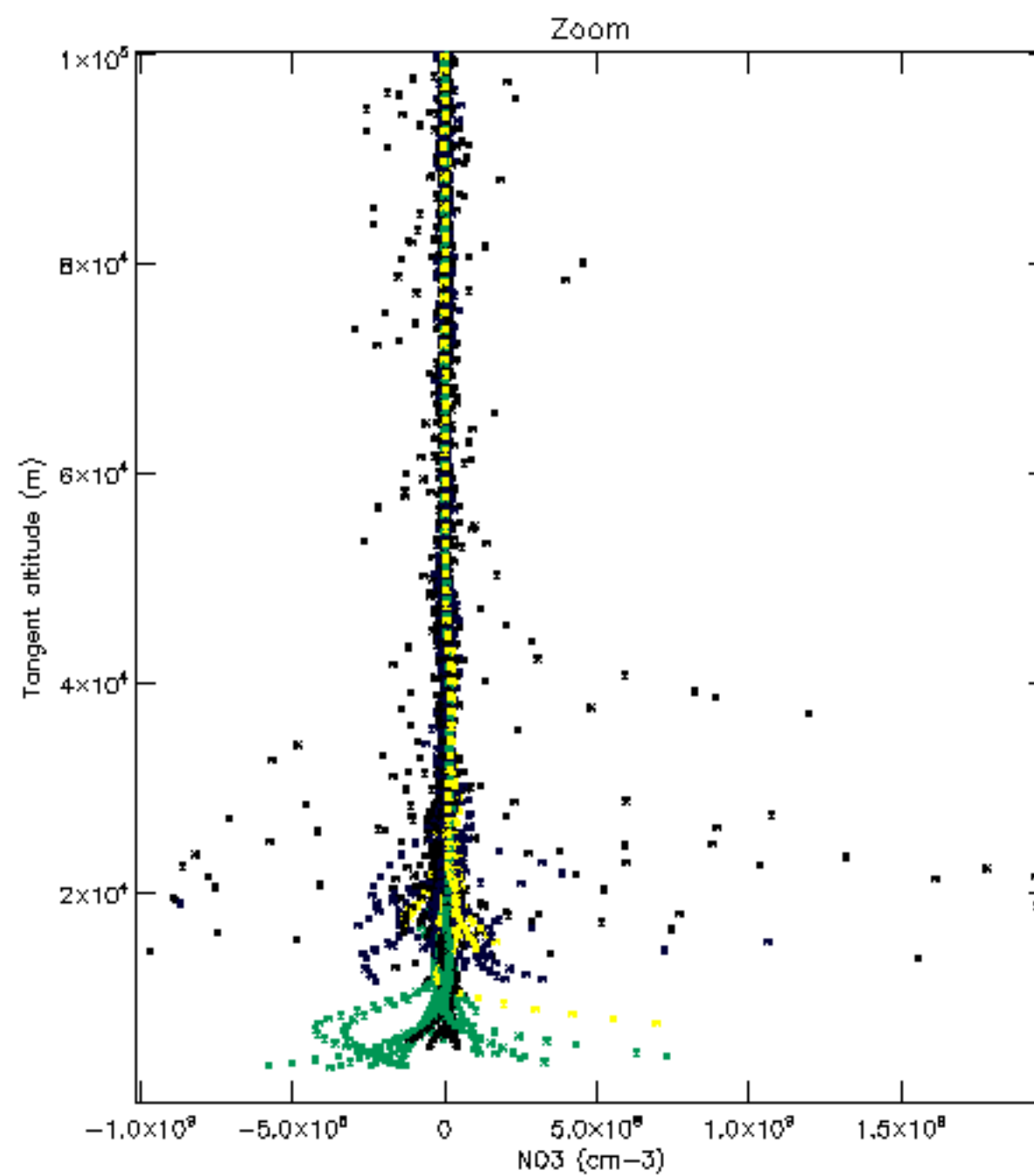
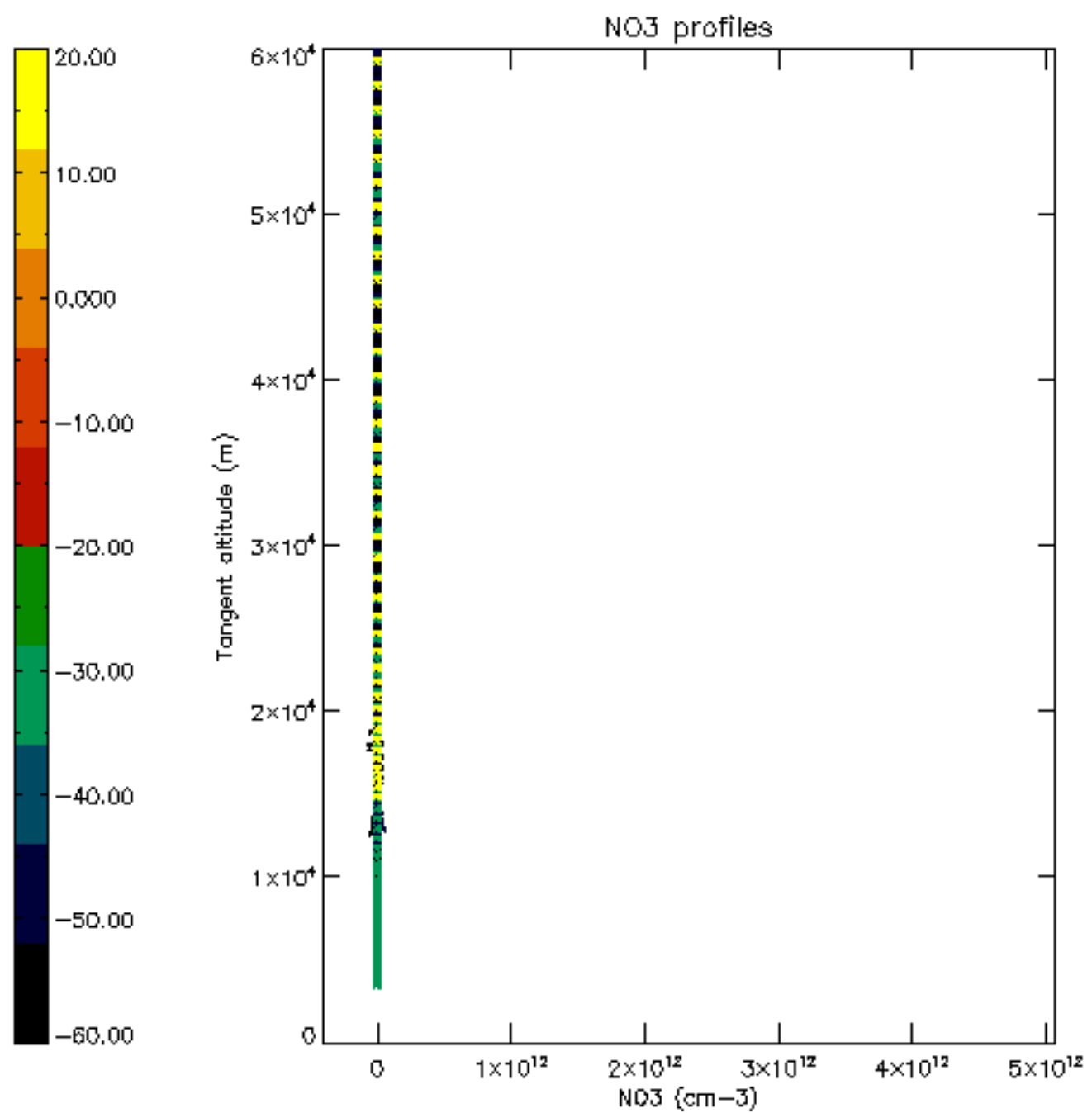


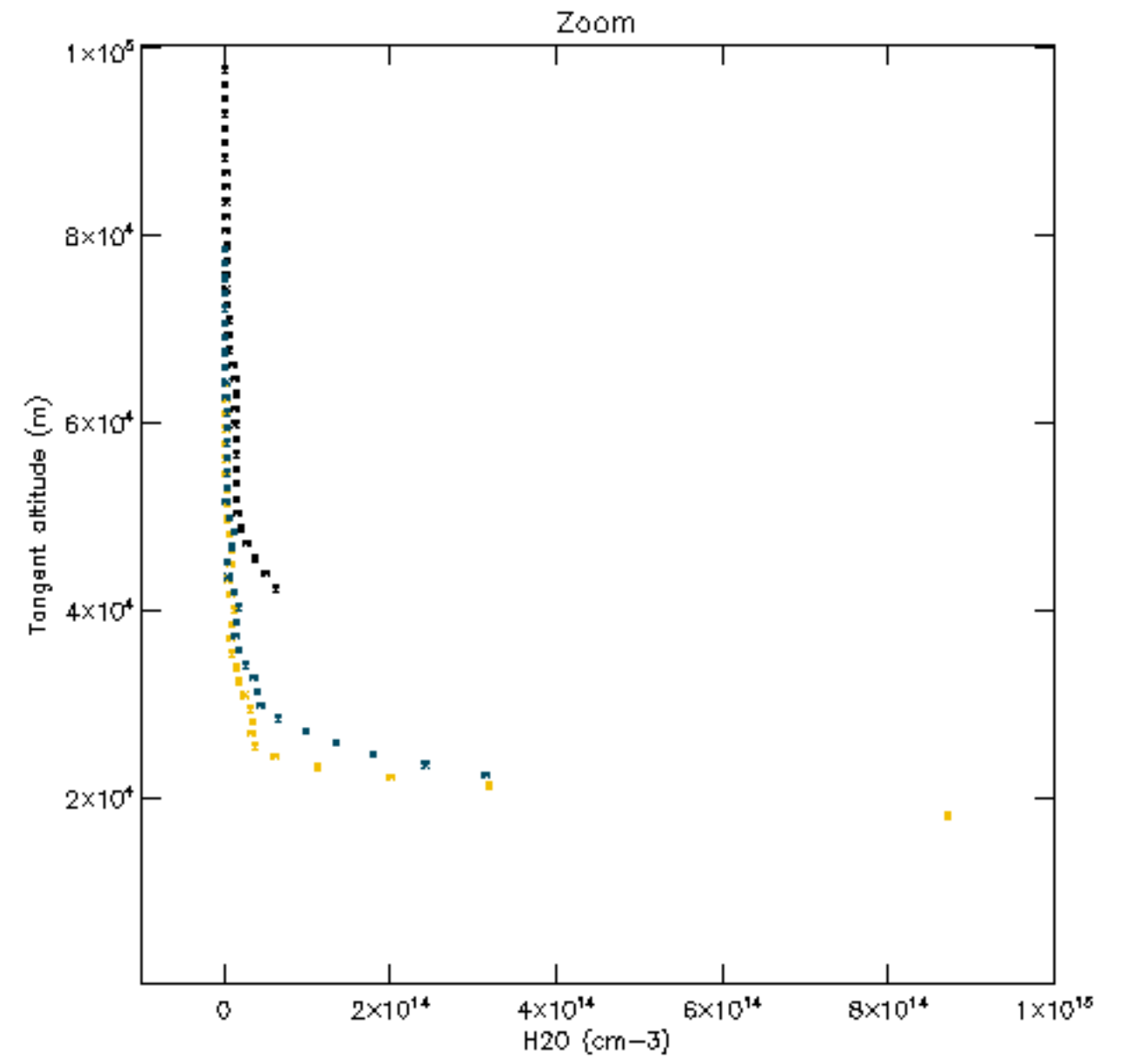
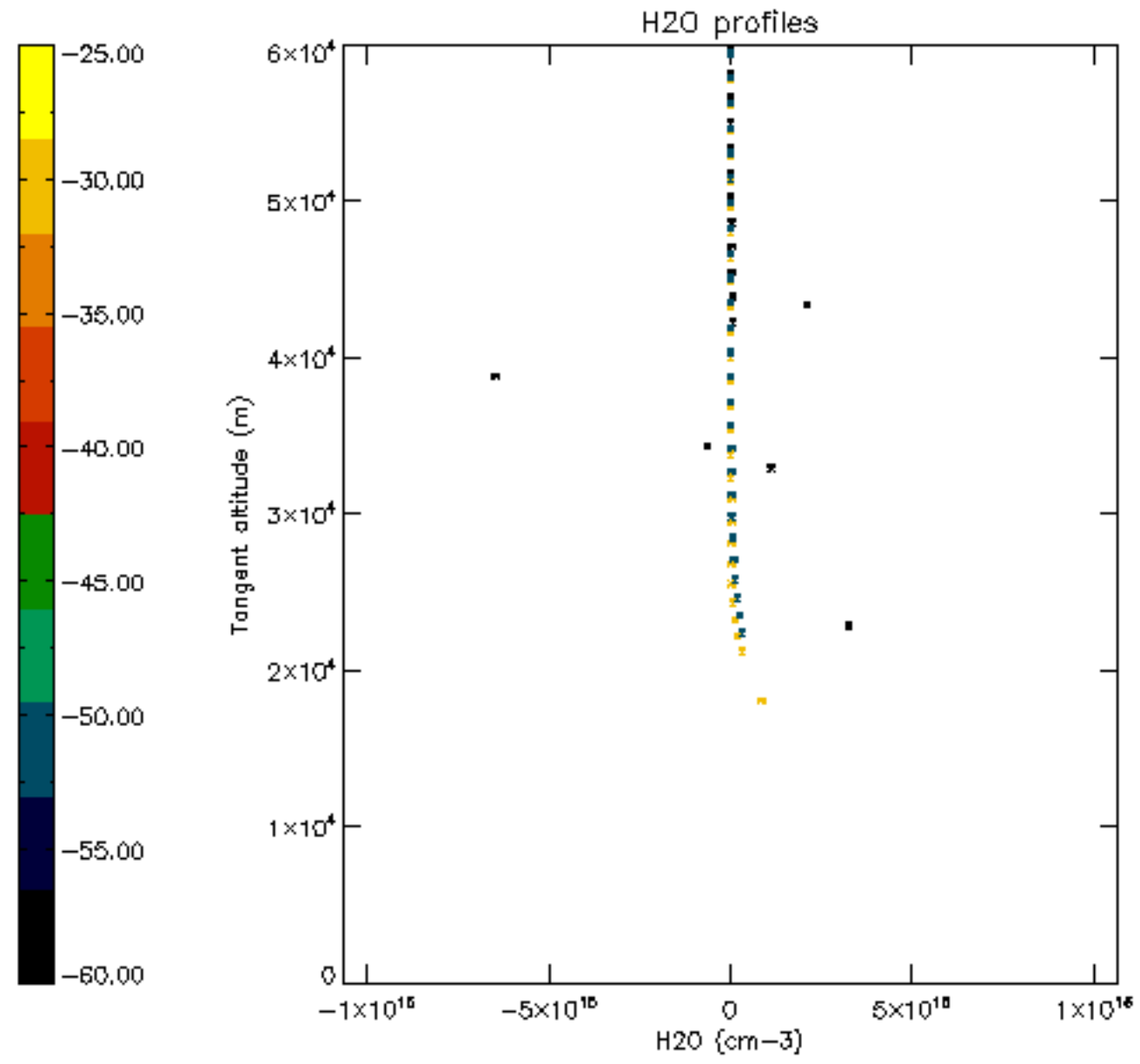


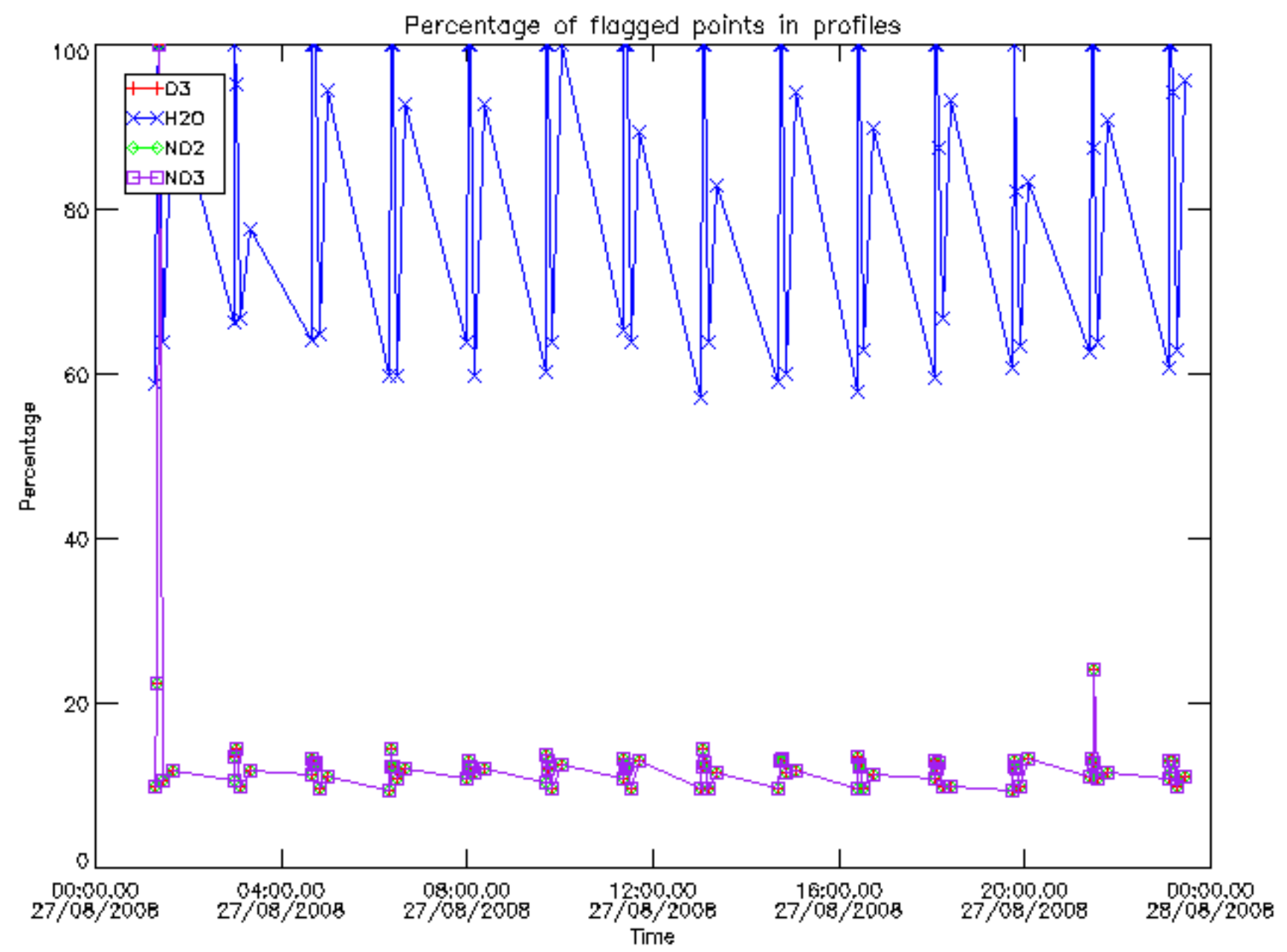




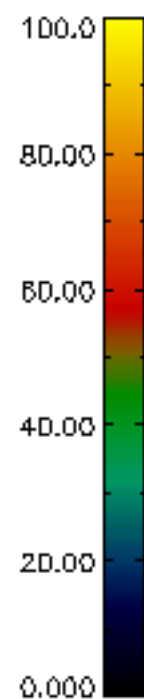
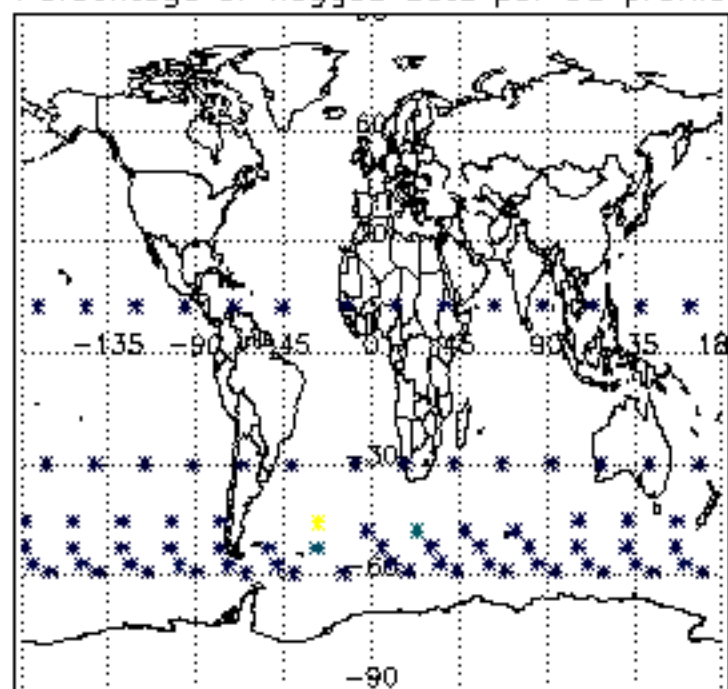




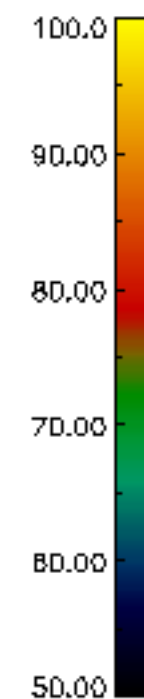
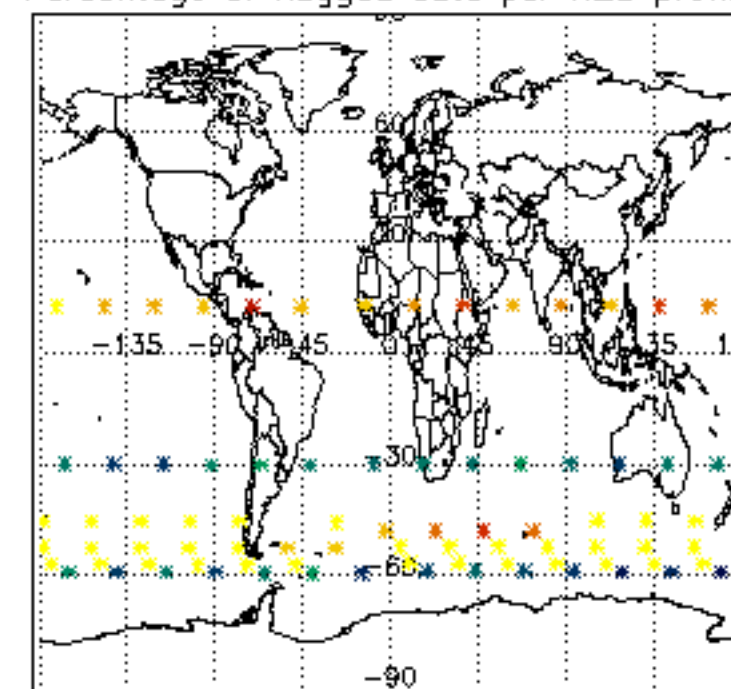




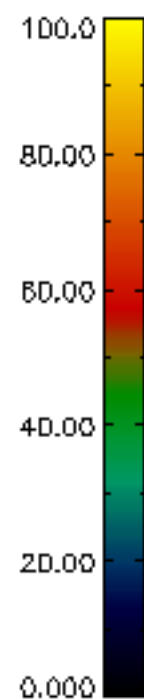
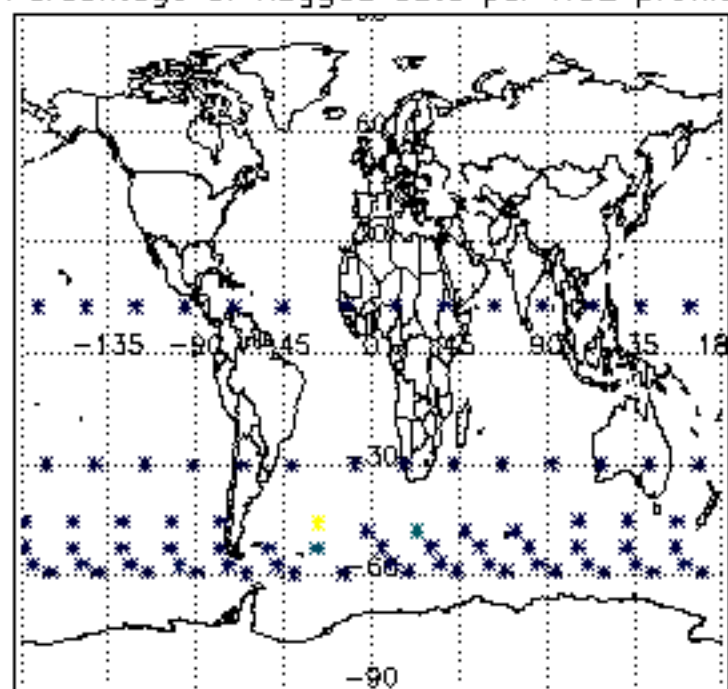
Percentage of flagged data per D3 profile



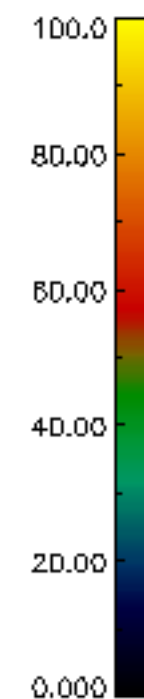
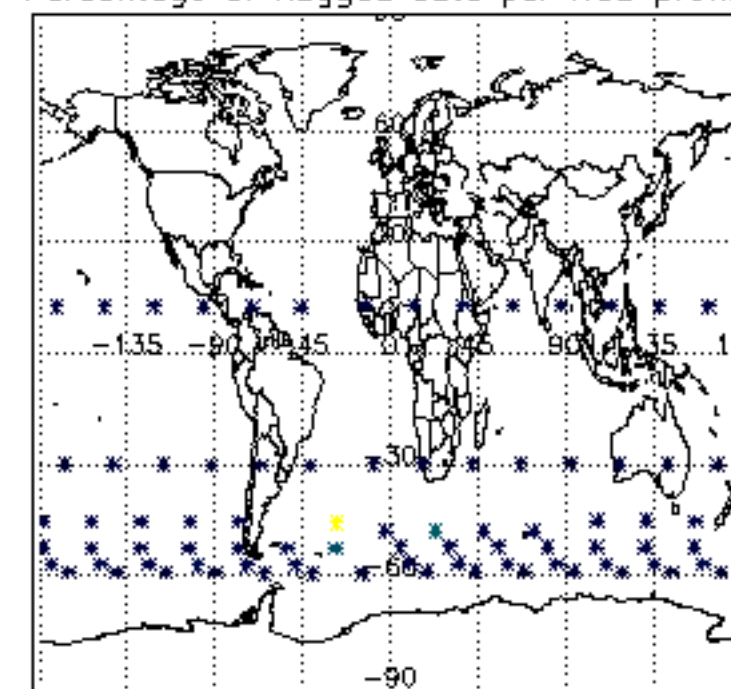
Percentage of flagged data per H2O profile

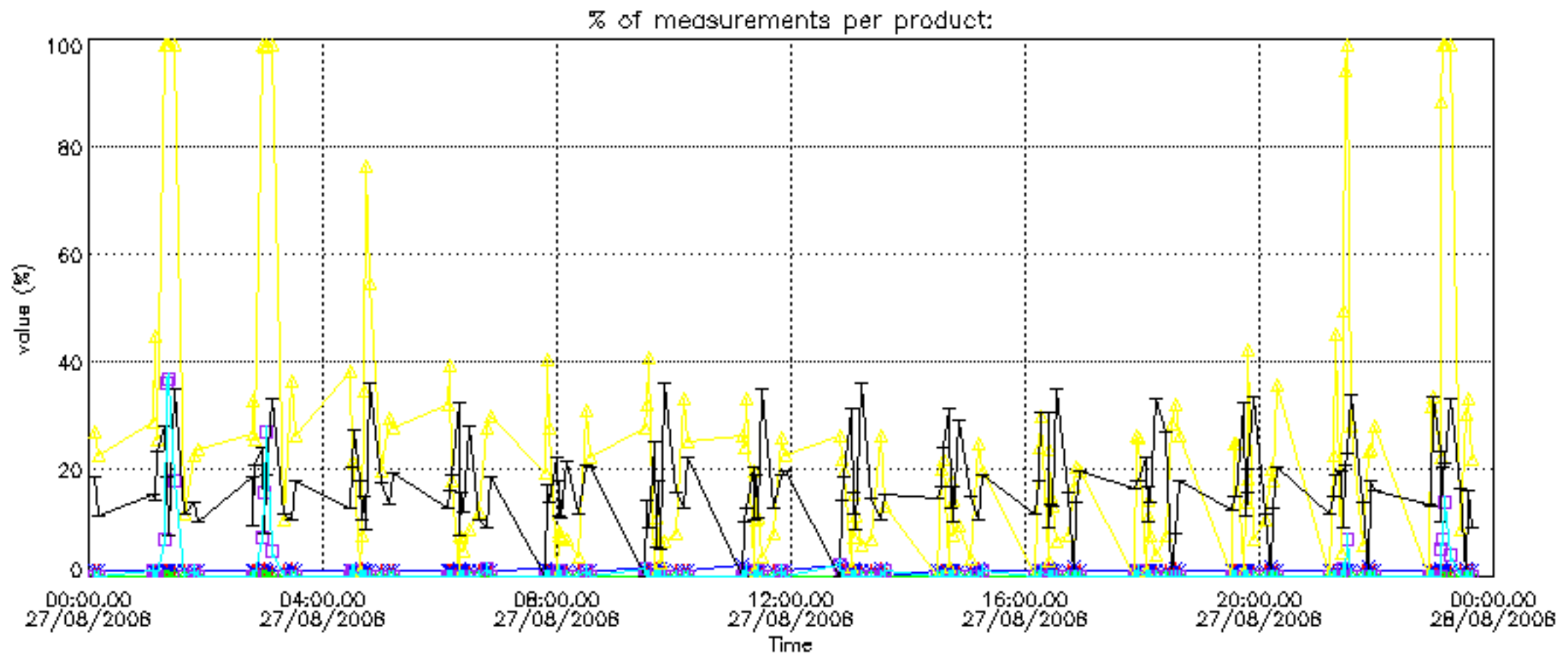


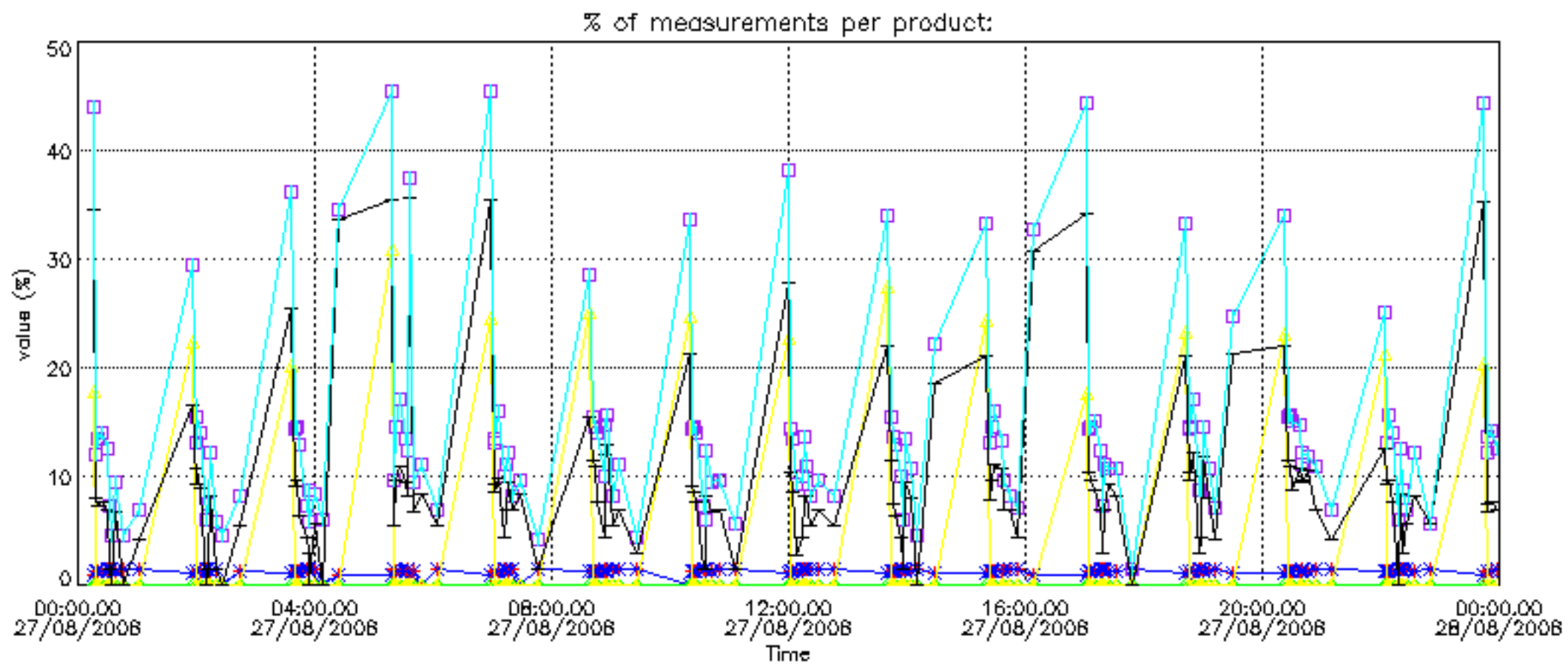
Percentage of flagged data per NO2 profile



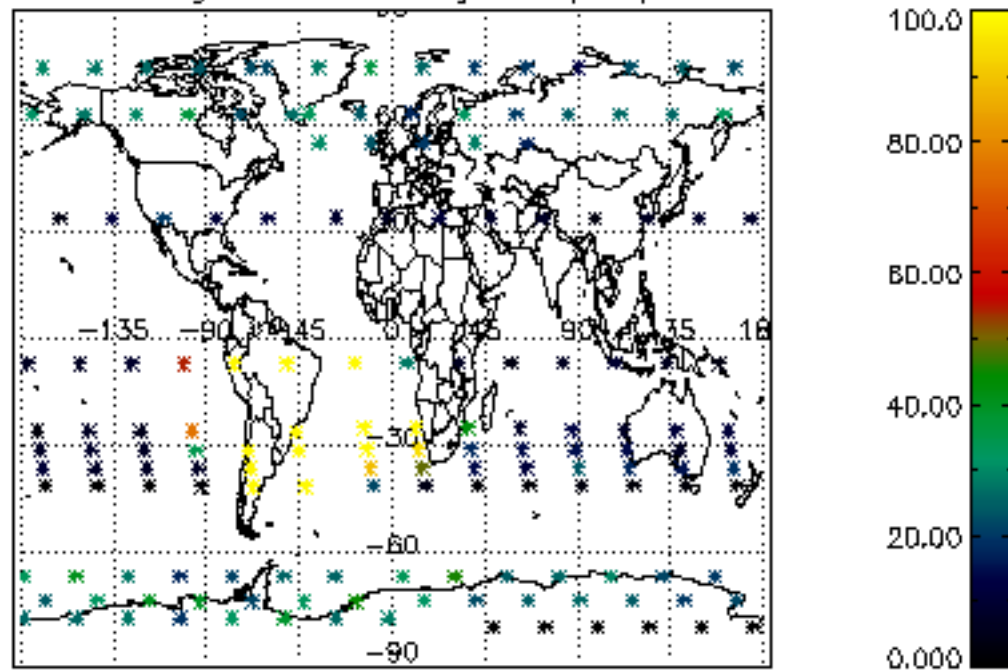
Percentage of flagged data per NO3 profile



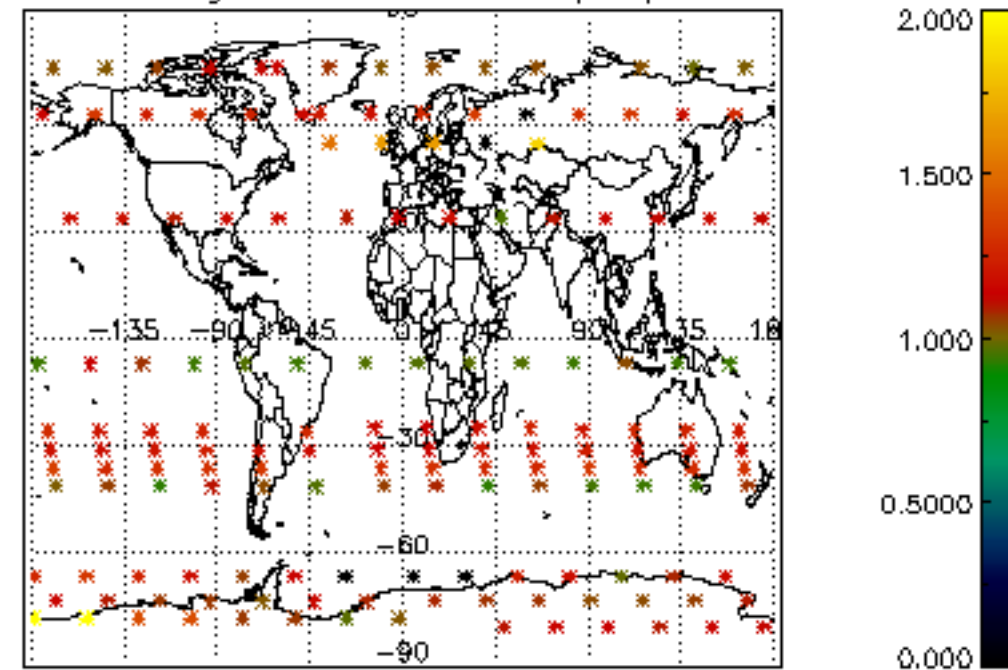




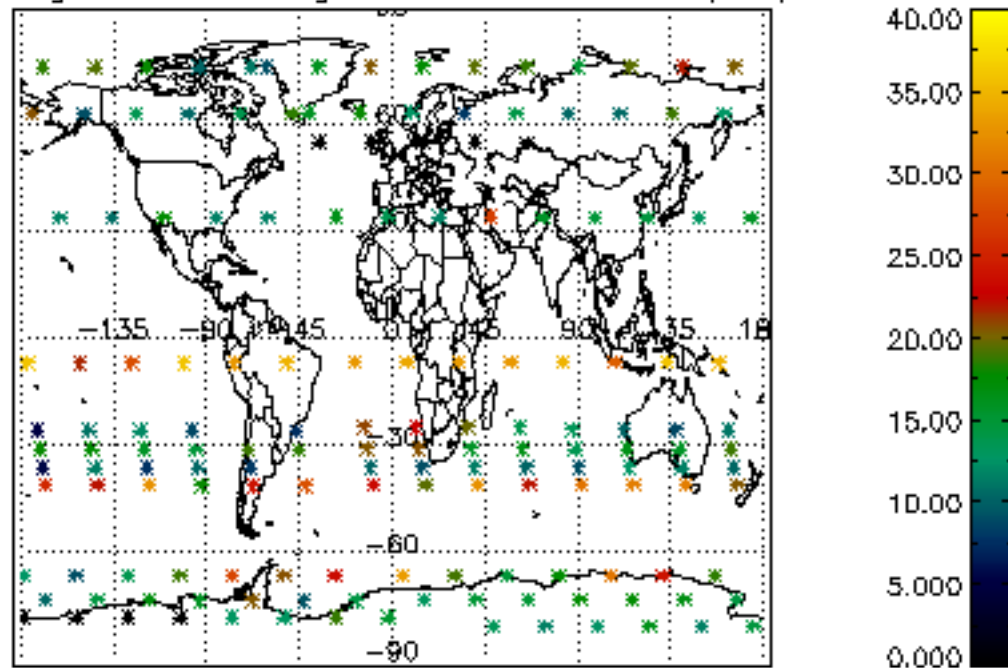
Percentage of cosmic ray hits per profile



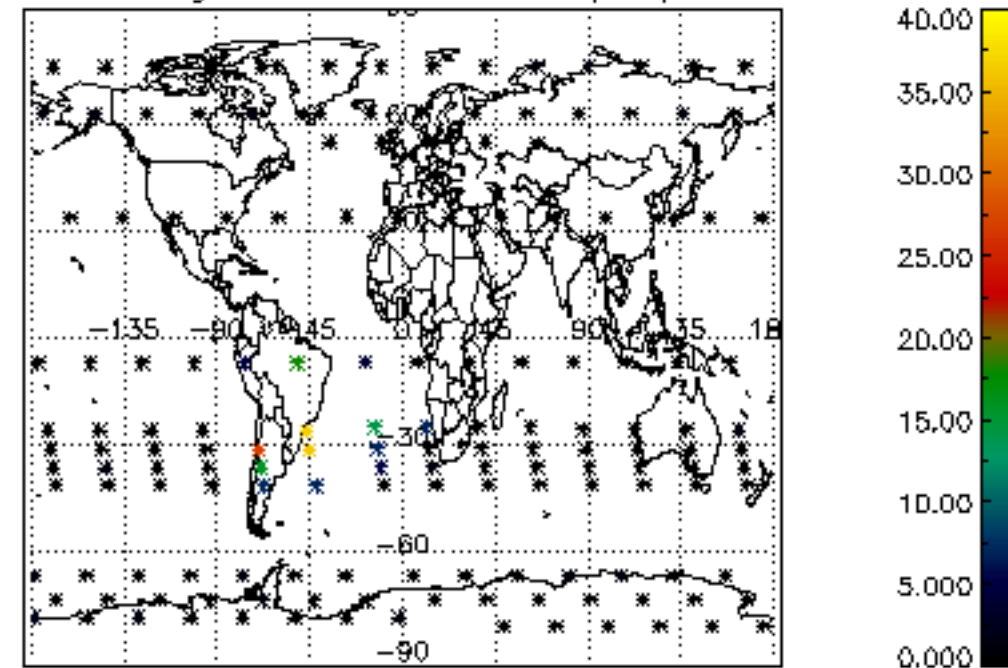
Percentage of datation errors per profile



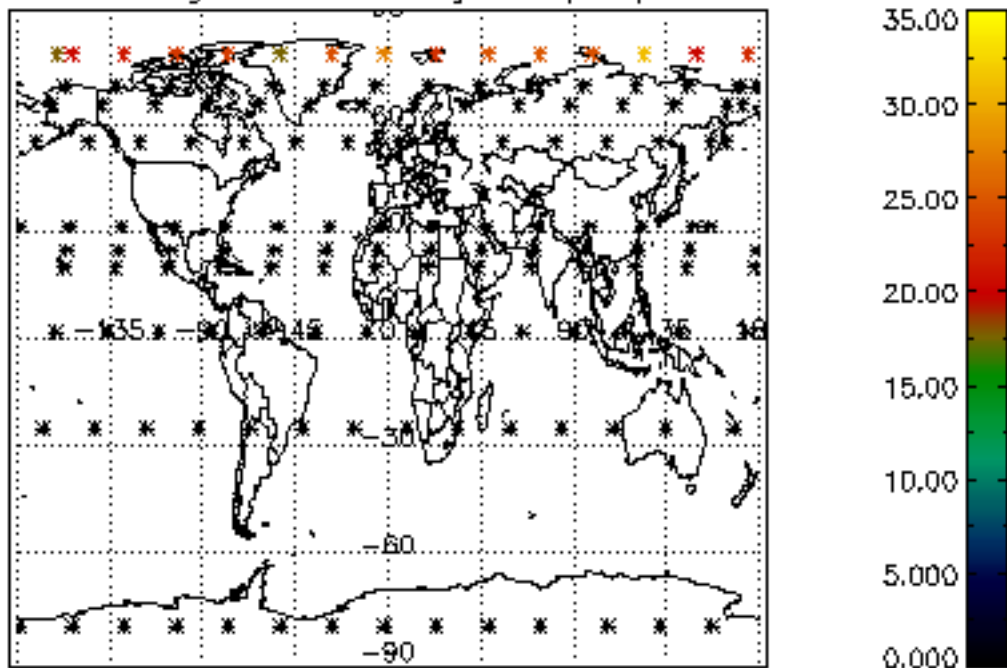
Percentage of star falling outside central band per profile



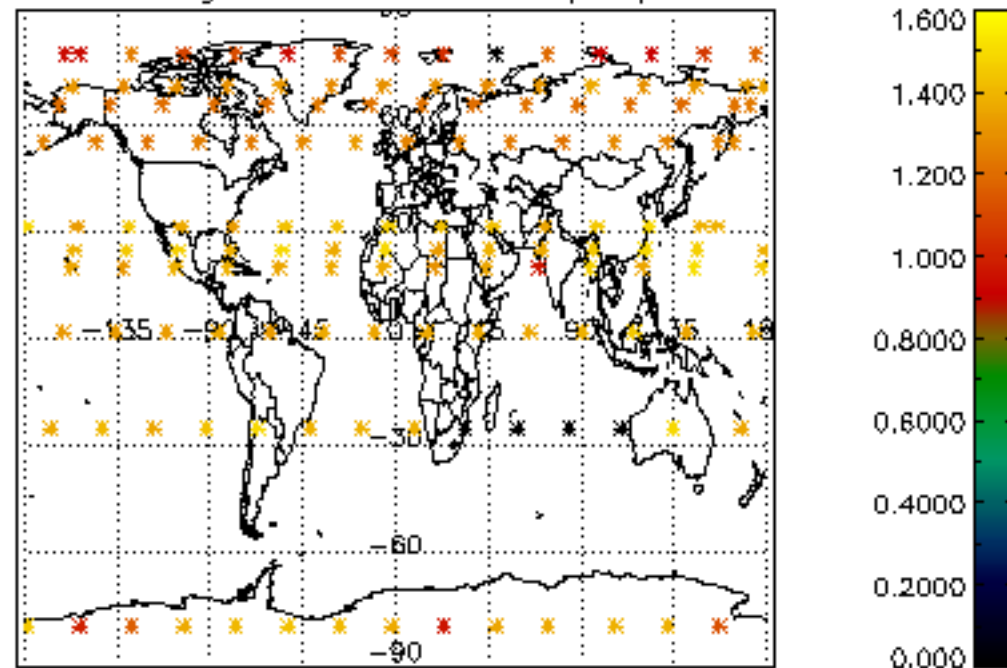
Percentage of saturation errors per profile



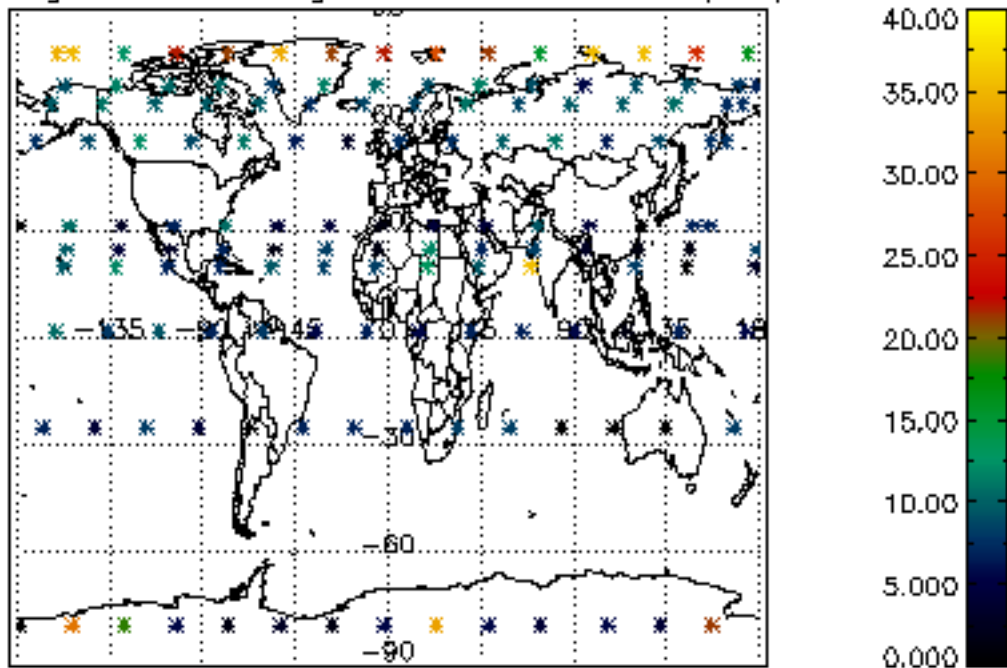
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

