

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	18APR2013 11:14:22
Data source version	GOMOS/6.01
Start time of products	27-09-2005 (27SEP2005 00:00:00)
Stop time of products	28-09-2005 (28SEP2005 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	255
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__2PRFIN20050927_000959_000000352041_00102_18693_7099.N1	27-SEP-2005 00:09:59	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	18693	No
2	GOM_NL__2PRFIN20050927_001719_000000362041_00102_18693_7100.N1	27-SEP-2005 00:17:19	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	18693	No
3	GOM_NL__2PRFIN20050927_001905_000000352041_00102_18693_7101.N1	27-SEP-2005 00:19:05	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	18693	No
4	GOM_NL__2PRFIN20050927_002508_000000372041_00102_18693_7102.N1	27-SEP-2005 00:25:08	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	18693	No
5	GOM_NL__2PRFIN20050927_002637_000000352041_00102_18693_7103.N1	27-SEP-2005 00:26:37	Bright	34.500	82	48Bet UMa	2.3650	10600.	69	18693	No
6	GOM_NL__2PRFIN20050927_002948_000000522041_00102_18693_7104.N1	27-SEP-2005 00:29:48	Bright	52.000	174	52Psi UMa	3.0040	4400.0	104	18693	No
7	GOM_NL__2PRFIN20050927_003627_000000342041_00102_18693_7105.N1	27-SEP-2005 00:36:27	Bright	34.000	166	17Eps Leo	2.9800	6000.0	68	18693	No
8	GOM_NL__2PRFIN20050927_004550_000000462041_00102_18693_7106.N1	27-SEP-2005 00:45:50	Twilight	46.000	48	30Alp Hya	1.9770	4100.0	92	18693	No
9	GOM_NL__2PRFIN20050927_005532_000000432041_00102_18693_7107.N1	27-SEP-2005 00:55:32	Dark	43.000	65	Lam Vel	2.2040	4400.0	86	18693	No
10	GOM_NL__2PRFIN20050927_005850_000000392041_00102_18693_7108.N1	27-SEP-2005 00:58:50	Dark	39.000	46	Del Vel	1.9540	10600.	78	18693	No
11	GOM_NL__2PRFIN20050927_010025_000000442041_00102_18693_7109.N1	27-SEP-2005 01:00:25	Dark	44.000	41	Eps Car	1.8600	4100.0	88	18693	No
12	GOM_NL__2PRFIN20050927_011235_000000412041_00103_18694_7112.N1	27-SEP-2005 01:12:35	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	18694	No
13	GOM_NL__2PRFIN20050927_011403_000000512041_00103_18694_7113.N1	27-SEP-2005 01:14:03	Dark	51.000	9	Alp Eri	0.45300	24000.	102	18694	No
14	GOM_NL__2PRFIN20050927_011930_000000422041_00103_18694_7114.N1	27-SEP-2005 01:19:30	Straylight	41.500	84	Alp Phe	2.3970	4500.0	83	18694	No
15	GOM_NL__2PRFIN20050927_012417_000000462041_00103_18694_7115.N1	27-SEP-2005 01:24:17	Straylight	45.500	18	24Alp PsA	1.1660	9700.0	91	18694	No
16	GOM_NL__2PRFIN20050927_013257_000000382041_00103_18694_7116.N1	27-SEP-2005 01:32:57	Bright	38.000	162	34Alp Aqr	2.9440	5350.0	76	18694	No
17	GOM_NL__2PRFIN20050927_013652_000000372041_00103_18694_7117.N1	27-SEP-2005 01:36:52	Bright	36.500	90	54Alp Peg	2.4870	11000.	73	18694	No
18	GOM_NL__2PRFIN20050927_014033_000000392041_00103_18694_7118.N1	27-SEP-2005 01:40:33	Bright	39.000	93	53Bet Peg	2.5200	3100.0	78	18694	No
19	GOM_NL__2PRFIN20050927_015035_000000372041_00103_18694_7119.N1	27-SEP-2005 01:50:35	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	18694	No
20	GOM_NL__2PRFIN20050927_015755_000000362041_00103_18694_7120.N1	27-SEP-2005 01:57:55	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	18694	No
21	GOM_NL__2PRFIN20050927_015941_000000382041_00103_18694_7121.N1	27-SEP-2005 01:59:41	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	18694	No
22	GOM_NL__2PRFIN20050927_020544_000000372041_00103_18694_7122.N1	27-SEP-2005 02:05:44	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	18694	No
23	GOM_NL__2PRFIN20050927_020713_000000352041_00103_18694_7123.N1	27-SEP-2005 02:07:13	Bright	35.000	82	48Bet UMa	2.3650	10600.	70	18694	No
24	GOM_NL__2PRFIN20050927_021024_000000342041_00103_18694_7124.N1	27-SEP-2005 02:10:24	Bright	33.500	174	52Psi UMa	3.0040	4400.0	67	18694	No
25	GOM_NL__2PRFIN20050927_021703_000000342041_00103_18694_7125.N1	27-SEP-2005 02:17:03	Bright	34.000	166	17Eps Leo	2.9800	6000.0	68	18694	No
26	GOM_NL__2PRFIN20050927_022627_000000392041_00103_18694_7126.N1	27-SEP-2005 02:26:27	Twilight	38.500	48	30Alp Hya	1.9770	4100.0	77	18694	No
27	GOM_NL__2PRFIN20050927_023608_000000492041_00103_18694_7127.N1	27-SEP-2005 02:36:08	Dark	48.500	65	Lam Vel	2.2040	4400.0	97	18694	No
28	GOM_NL__2PRFIN20050927_023926_000000412041_00103_18694_7128.N1	27-SEP-2005 02:39:26	Dark	40.500	46	Del Vel	1.9540	10600.	81	18694	No
29	GOM_NL__2PRFIN20050927_024101_000000472041_00103_18694_7129.N1	27-SEP-2005 02:41:01	Dark	46.500	41	Eps Car	1.8600	4100.0	93	18694	No
30	GOM_NL__2PRFIN20050927_025311_000000392041_00104_18695_7112.N1	27-SEP-2005 02:53:11	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	18695	No
31	GOM_NL__2PRFIN20050927_025439_000000422041_00104_18695_7113.N1	27-SEP-2005 02:54:39	Dark	42.000	9	Alp Eri	0.45300	24000.	84	18695	No
32	GOM_NL__2PRFIN20050927_030007_000000462041_00104_18695_7114.N1	27-SEP-2005 03:00:07	Straylight	46.000	84	Alp Phe	2.3970	4500.0	92	18695	No
33	GOM_NL__2PRFIN20050927_030453_000000442041_00104_18695_7115.N1	27-SEP-2005 03:04:53	Straylight	43.500	18	24Alp PsA	1.1660	9700.0	87	18695	No
34	GOM_NL__2PRFIN20050927_031333_000000382041_00104_18695_7116.N1	27-SEP-2005 03:13:33	Bright	37.500	162	34Alp Aqr	2.9440	5350.0	75	18695	No
35	GOM_NL__2PRFIN20050927_031728_000000372041_00104_18695_7117.N1	27-SEP-2005 03:17:28	Bright	37.000	90	54Alp Peg	2.4870	11000.	74	18695	No
36	GOM_NL__2PRFIN20050927_032109_000000352041_00104_18695_7118.N1	27-SEP-2005 03:21:09	Bright	35.000	93	53Bet Peg	2.5200	3100.0	70	18695	No
37	GOM_NL__2PRFIN20050927_033111_000000352041_00104_18695_7119.N1	27-SEP-2005 03:31:11	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	18695	No
38	GOM_NL__2PRFIN20050927_033831_000000362041_00104_18695_7120.N1	27-SEP-2005 03:38:31	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	18695	No
39	GOM_NL__2PRFIN20050927_034018_000000332041_00104_18695_7121.N1	27-SEP-2005 03:40:18	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	18695	No
40	GOM_NL__2PRFIN20050927_034620_000000372041_00104_18695_7122.N1	27-SEP-2005 03:46:20	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	18695	No
41	GOM_NL__2PRFIN20050927_034749_000000522041_00104_18695_7123.N1	27-SEP-2005 03:47:49	Bright	52.000	82	48Bet UMa	2.3650	10600.	104	18695	No
42	GOM_NL__2PRFIN20050927_035100_000000332041_00104_18695_7124.N1	27-SEP-2005 03:51:00	Bright	32.500	174	52Psi UMa	3.0040	4400.0	65	18695	No

43	GOM_NL__2PRFIN20050927_035739_000000352041_00104_18695_7125.N1	27-SEP-2005 03:57:39	Bright	35.000	166	17Eps Leo	2.9800	6000.0	70	18695	No
44	GOM_NL__2PRFIN20050927_040703_000000392041_00104_18695_7126.N1	27-SEP-2005 04:07:03	Twilight	39.000	48	30Alp Hya	1.9770	4100.0	78	18695	No
45	GOM_NL__2PRFIN20050927_041644_000000452041_00104_18695_7127.N1	27-SEP-2005 04:16:44	Dark	44.500	65	Lam Vel	2.2040	4400.0	89	18695	No
46	GOM_NL__2PRFIN20050927_042002_000000382041_00104_18695_7128.N1	27-SEP-2005 04:20:02	Dark	37.500	46	Del Vel	1.9540	10600.	75	18695	No
47	GOM_NL__2PRFIN20050927_042137_000000482041_00104_18695_7129.N1	27-SEP-2005 04:21:37	Dark	48.000	41	Eps Car	1.8600	4100.0	96	18695	No
48	GOM_NL__2PRFIN20050927_043348_000000402041_00105_18696_7113.N1	27-SEP-2005 04:33:48	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	18696	No
49	GOM_NL__2PRFIN20050927_043515_000000422041_00105_18696_7114.N1	27-SEP-2005 04:35:15	Dark	42.000	9	Alp Eri	0.45300	24000.	84	18696	No
50	GOM_NL__2PRFIN20050927_044043_000000422041_00105_18696_7115.N1	27-SEP-2005 04:40:43	Straylight	41.500	84	Alp Phe	2.3970	4500.0	83	18696	No
51	GOM_NL__2PRFIN20050927_044529_000000442041_00105_18696_7116.N1	27-SEP-2005 04:45:29	Straylight	43.500	18	24Alp PsA	1.1660	9700.0	87	18696	No
52	GOM_NL__2PRFIN20050927_045409_000000382041_00105_18696_7117.N1	27-SEP-2005 04:54:09	Bright	37.500	162	34Alp Aqr	2.9440	5350.0	75	18696	No
53	GOM_NL__2PRFIN20050927_045804_000000372041_00105_18696_7118.N1	27-SEP-2005 04:58:04	Bright	36.500	90	54Alp Peg	2.4870	11000.	73	18696	No
54	GOM_NL__2PRFIN20050927_050145_000000372041_00105_18696_7119.N1	27-SEP-2005 05:01:45	Bright	36.500	93	53Bet Peg	2.5200	3100.0	73	18696	No
55	GOM_NL__2PRFIN20050927_051147_000000362041_00105_18696_7120.N1	27-SEP-2005 05:11:47	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	18696	No
56	GOM_NL__2PRFIN20050927_051907_000000362041_00105_18696_7121.N1	27-SEP-2005 05:19:07	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	18696	No
57	GOM_NL__2PRFIN20050927_052054_000000352041_00105_18696_7122.N1	27-SEP-2005 05:20:54	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	18696	No
58	GOM_NL__2PRFIN20050927_052656_000000372041_00105_18696_7123.N1	27-SEP-2005 05:26:56	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	18696	No
59	GOM_NL__2PRFIN20050927_052826_000000522041_00105_18696_7124.N1	27-SEP-2005 05:28:26	Bright	52.000	82	48Bet UMa	2.3650	10600.	104	18696	No
60	GOM_NL__2PRFIN20050927_053136_000000332041_00105_18696_7125.N1	27-SEP-2005 05:31:36	Bright	32.500	174	52Psi UMa	3.0040	4400.0	65	18696	No
61	GOM_NL__2PRFIN20050927_053815_000000342041_00105_18696_7126.N1	27-SEP-2005 05:38:15	Bright	34.000	166	17Eps Leo	2.9800	6000.0	68	18696	No
62	GOM_NL__2PRFIN20050927_054739_000000462041_00105_18696_7127.N1	27-SEP-2005 05:47:39	Twilight	46.000	48	30Alp Hya	1.9770	4100.0	92	18696	No
63	GOM_NL__2PRFIN20050927_055720_000000422041_00105_18696_7128.N1	27-SEP-2005 05:57:20	Dark	42.000	65	Lam Vel	2.2040	4400.0	84	18696	No
64	GOM_NL__2PRFIN20050927_060039_000000412041_00105_18696_7129.N1	27-SEP-2005 06:00:39	Dark	41.000	46	Del Vel	1.9540	10600.	82	18696	No
65	GOM_NL__2PRFIN20050927_060214_000000422041_00105_18696_7130.N1	27-SEP-2005 06:02:14	Dark	42.000	41	Eps Car	1.8600	4100.0	84	18696	No
66	GOM_NL__2PRFIN20050927_061424_000000382041_00106_18697_7114.N1	27-SEP-2005 06:14:24	Dark	38.000	143	Alp Hyi	2.8570	7200.0	76	18697	No
67	GOM_NL__2PRFIN20050927_061552_000000412041_00106_18697_7115.N1	27-SEP-2005 06:15:52	Dark	40.500	9	Alp Eri	0.45300	24000.	81	18697	No
68	GOM_NL__2PRFIN20050927_062119_000000452041_00106_18697_7116.N1	27-SEP-2005 06:21:19	Straylight	44.500	84	Alp Phe	2.3970	4500.0	89	18697	No
69	GOM_NL__2PRFIN20050927_062605_000000412041_00106_18697_7117.N1	27-SEP-2005 06:26:05	Straylight	41.000	18	24Alp PsA	1.1660	9700.0	82	18697	No
70	GOM_NL__2PRFIN20050927_063445_000000372041_00106_18697_7118.N1	27-SEP-2005 06:34:45	Bright	36.500	162	34Alp Aqr	2.9440	5350.0	73	18697	No
71	GOM_NL__2PRFIN20050927_063840_000000372041_00106_18697_7119.N1	27-SEP-2005 06:38:40	Bright	37.000	90	54Alp Peg	2.4870	11000.	74	18697	No
72	GOM_NL__2PRFIN20050927_064221_000000372041_00106_18697_7120.N1	27-SEP-2005 06:42:21	Bright	37.000	93	53Bet Peg	2.5200	3100.0	74	18697	No
73	GOM_NL__2PRFIN20050927_065223_000000362041_00106_18697_7121.N1	27-SEP-2005 06:52:23	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	18697	No
74	GOM_NL__2PRFIN20050927_065943_000000362041_00106_18697_7122.N1	27-SEP-2005 06:59:43	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	18697	No
75	GOM_NL__2PRFIN20050927_070130_000000362041_00106_18697_7123.N1	27-SEP-2005 07:01:30	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	18697	No
76	GOM_NL__2PRFIN20050927_070732_000000362041_00106_18697_7124.N1	27-SEP-2005 07:07:32	Bright	35.500	36	50Alp UMa	1.8000	6300.0	71	18697	No
77	GOM_NL__2PRFIN20050927_070902_000000322041_00106_18697_7125.N1	27-SEP-2005 07:09:02	Bright	32.000	82	48Bet UMa	2.3650	10600.	64	18697	No
78	GOM_NL__2PRFIN20050927_071213_000000342041_00106_18697_7126.N1	27-SEP-2005 07:12:13	Bright	33.500	174	52Psi UMa	3.0040	4400.0	67	18697	No
79	GOM_NL__2PRFIN20050927_071851_000000352041_00106_18697_7127.N1	27-SEP-2005 07:18:51	Bright	34.500	166	17Eps Leo	2.9800	6000.0	69	18697	No
80	GOM_NL__2PRFIN20050927_072816_000000462041_00106_18697_7128.N1	27-SEP-2005 07:28:16	Twilight	45.500	48	30Alp Hya	1.9770	4100.0	91	18697	No
81	GOM_NL__2PRFIN20050927_073757_000000462041_00106_18697_7129.N1	27-SEP-2005 07:37:57	Dark	46.000	65	Lam Vel	2.2040	4400.0	92	18697	No
82	GOM_NL__2PRFIN20050927_074115_000000412041_00106_18697_7130.N1	27-SEP-2005 07:41:15	Dark	40.500	46	Del Vel	1.9540	10600.	81	18697	No
83	GOM_NL__2PRFIN20050927_074250_000000432041_00106_18697_7131.N1	27-SEP-2005 07:42:50	Dark	43.000	41	Eps Car	1.8600	4100.0	86	18697	No
84	GOM_NL__2PRFIN20050927_075501_000000392041_00107_18698_7114.N1	27-SEP-2005 07:55:01	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	18698	No
85	GOM_NL__2PRFIN20050927_075628_000000502041_00107_18698_7115.N1	27-SEP-2005 07:56:28	Dark	50.000	9	Alp Eri	0.45300	24000.	100	18698	No
86	GOM_NL__2PRFIN20050927_080155_000000412041_00107_18698_7116.N1	27-SEP-2005 08:01:55	Straylight	41.000	84	Alp Phe	2.3970	4500.0	82	18698	No
87	GOM_NL__2PRFIN20050927_080641_000000442041_00107_18698_7117.N1	27-SEP-2005 08:06:41	Straylight	43.500	18	24Alp PsA	1.1660	9700.0	87	18698	No
88	GOM_NL__2PRFIN20050927_081521_000000372041_00107_18698_7118.N1	27-SEP-2005 08:15:21	Bright	37.000	162	34Alp Aqr	2.9440	5350.0	74	18698	No
89	GOM_NL__2PRFIN20050927_081916_000000372041_00107_18698_7119.N1	27-SEP-2005 08:19:16	Bright	36.500	90	54Alp Peg	2.4870	11000.	73	18698	No
90	GOM_NL__2PRFIN20050927_082257_000000392041_00107_18698_7120.N1	27-SEP-2005 08:22:57	Bright	38.500	93	53Bet Peg	2.5200	3100.0	77	18698	No
91	GOM_NL__2PRFIN20050927_083300_000000352041_00107_18698_7121.N1	27-SEP-2005 08:33:00	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	18698	No
92	GOM_NL__2PRFIN20050927_084019_000000362041_00107_18698_7122.N1	27-SEP-2005 08:40:19	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	18698	No
93	GOM_NL__2PRFIN20050927_084206_000000352041_00107_18698_7123.N1	27-SEP-2005 08:42:06	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	18698	No
94	GOM_NL__2PRFIN20050927_084808_000000372041_00107_18698_7124.N1	27-SEP-2005 08:48:08	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	18698	No
95	GOM_NL__2PRFIN20050927_084938_000000362041_00107_18698_7125.N1	27-SEP-2005 08:49:38	Bright	35.500	82	48Bet UMa	2.3650	10600.	71	18698	No
96	GOM_NL__2PRFIN20050927_085249_000000342041_00107_18698_7126.N1	27-SEP-2005 08:52:49	Bright	33.500	174	52Psi UMa	3.0040	4400.0	67	18698	No
97	GOM_NL__2PRFIN20050927_085927_000000342041_00107_18698_7127.N1	27-SEP-2005 08:59:27	Bright	33.500	166	17Eps Leo	2.9800	6000.0	67	18698	No
98	GOM_NL__2PRFIN20050927_090852_000000462041_00107_18698_7128.N1	27-SEP-2005 09:08:52	Twilight	46.000	48	30Alp Hya	1.9770	4100.0	92	18698	No
99	GOM_NL__2PRFIN20050927_091833_000000452041_00107_18698_7129.N1	27-SEP-2005 09:18:33	Dark	44.500	65	Lam Vel	2.2040	4400.0	89	18698	No
100	GOM_NL__2PRFIN20050927_092151_000000382041_00107_18698_7130.N1	27-SEP-2005 09:21:51	Dark	38.000	46	Del Vel	1.9540	10600.	76	18698	No
101	GOM_NL__2PRFIN20050927_092326_000000422041_00107_18698_7131.N1	27-SEP-2005 09:23:26	Dark	41.500	41	Eps Car	1.8600	4100.0	83	18698	No

102	GOM_NL__2PRFIN20050927_093537_000000402041_00108_18699_7114.N1	27-SEP-2005 09:35:37	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	18699	No
103	GOM_NL__2PRFIN20050927_093704_000000472041_00108_18699_7115.N1	27-SEP-2005 09:37:04	Dark	46.500	9	Alp Eri	0.45300	24000.	93	18699	No
104	GOM_NL__2PRFIN20050927_094232_000000402041_00108_18699_7116.N1	27-SEP-2005 09:42:32	Straylight	40.000	84	Alp Phe	2.3970	4500.0	80	18699	No
105	GOM_NL__2PRFIN20050927_094717_000000432041_00108_18699_7117.N1	27-SEP-2005 09:47:17	Straylight	43.000	18	24Alp PsA	1.1660	9700.0	86	18699	No
106	GOM_NL__2PRFIN20050927_095557_000000382041_00108_18699_7118.N1	27-SEP-2005 09:55:57	Bright	37.500	162	34Alp Aqr	2.9440	5350.0	75	18699	No
107	GOM_NL__2PRFIN20050927_095952_000000362041_00108_18699_7119.N1	27-SEP-2005 09:59:52	Bright	36.000	90	54Alp Peg	2.4870	11000.	72	18699	No
108	GOM_NL__2PRFIN20050927_100333_000000392041_00108_18699_7120.N1	27-SEP-2005 10:03:33	Bright	39.000	93	53Bet Peg	2.5200	3100.0	78	18699	No
109	GOM_NL__2PRFIN20050927_101336_000000332041_00108_18699_7121.N1	27-SEP-2005 10:13:36	Bright	33.000	89	5Alp Cep	2.4510	8000.0	66	18699	No
110	GOM_NL__2PRFIN20050927_102054_000000362041_00108_18699_7122.N1	27-SEP-2005 10:20:54	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	18699	No
111	GOM_NL__2PRFIN20050927_102242_000000362041_00108_18699_7123.N1	27-SEP-2005 10:22:42	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	18699	No
112	GOM_NL__2PRFIN20050927_102844_000000362041_00108_18699_7124.N1	27-SEP-2005 10:28:44	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	18699	No
113	GOM_NL__2PRFIN20050927_103014_000000352041_00108_18699_7125.N1	27-SEP-2005 10:30:14	Bright	34.500	82	48Bet UMa	2.3650	10600.	69	18699	No
114	GOM_NL__2PRFIN20050927_103325_000000322041_00108_18699_7126.N1	27-SEP-2005 10:33:25	Bright	32.000	174	52Psi UMa	3.0040	4400.0	64	18699	No
115	GOM_NL__2PRFIN20050927_104003_000000342041_00108_18699_7127.N1	27-SEP-2005 10:40:03	Bright	33.500	166	17Eps Leo	2.9800	6000.0	67	18699	No
116	GOM_NL__2PRFIN20050927_104928_000000502041_00108_18699_7128.N1	27-SEP-2005 10:49:28	Twilight	49.500	48	30Alp Hya	1.9770	4100.0	99	18699	No
117	GOM_NL__2PRFIN20050927_105909_000000442041_00108_18699_7129.N1	27-SEP-2005 10:59:09	Dark	44.000	65	Lam Vel	2.2040	4400.0	88	18699	No
118	GOM_NL__2PRFIN20050927_110227_000000392041_00108_18699_7130.N1	27-SEP-2005 11:02:27	Dark	39.000	46	Del Vel	1.9540	10600.	78	18699	No
119	GOM_NL__2PRFIN20050927_110402_000000392041_00108_18699_7131.N1	27-SEP-2005 11:04:02	Dark	39.000	41	Eps Car	1.8600	4100.0	78	18699	No
120	GOM_NL__2PRFIN20050927_111613_000000402041_00109_18700_7114.N1	27-SEP-2005 11:16:13	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	18700	No
121	GOM_NL__2PRFIN20050927_111741_000000522041_00109_18700_7115.N1	27-SEP-2005 11:17:41	Dark	52.000	9	Alp Eri	0.45300	24000.	104	18700	No
122	GOM_NL__2PRFIN20050927_112308_000000412041_00109_18700_7116.N1	27-SEP-2005 11:23:08	Straylight	40.500	84	Alp Phe	2.3970	4500.0	81	18700	No
123	GOM_NL__2PRFIN20050927_112753_000000422041_00109_18700_7117.N1	27-SEP-2005 11:27:53	Straylight	41.500	18	24Alp PsA	1.1660	9700.0	83	18700	No
124	GOM_NL__2PRFIN20050927_113634_000000362041_00109_18700_7118.N1	27-SEP-2005 11:36:34	Bright	36.000	162	34Alp Aqr	2.9440	5350.0	72	18700	No
125	GOM_NL__2PRFIN20050927_114028_000000372041_00109_18700_7119.N1	27-SEP-2005 11:40:28	Bright	36.500	90	54Alp Peg	2.4870	11000.	73	18700	No
126	GOM_NL__2PRFIN20050927_114408_000000372041_00109_18700_7120.N1	27-SEP-2005 11:44:08	Bright	36.500	93	53Bet Peg	2.5200	3100.0	73	18700	No
127	GOM_NL__2PRFIN20050927_115412_000000362041_00109_18700_7121.N1	27-SEP-2005 11:54:12	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	18700	No
128	GOM_NL__2PRFIN20050927_120130_000000372041_00109_18700_7122.N1	27-SEP-2005 12:01:30	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	18700	No
129	GOM_NL__2PRFIN20050927_120319_000000372041_00109_18700_7123.N1	27-SEP-2005 12:03:19	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	18700	No
130	GOM_NL__2PRFIN20050927_120920_000000352041_00109_18700_7124.N1	27-SEP-2005 12:09:20	Bright	35.000	36	50Alp UMa	1.8000	6300.0	70	18700	No
131	GOM_NL__2PRFIN20050927_121050_000000342041_00109_18700_7125.N1	27-SEP-2005 12:10:50	Bright	34.000	82	48Bet UMa	2.3650	10600.	68	18700	No
132	GOM_NL__2PRFIN20050927_121401_000000332041_00109_18700_7126.N1	27-SEP-2005 12:14:01	Bright	33.000	174	52Psi UMa	3.0040	4400.0	66	18700	No
133	GOM_NL__2PRFIN20050927_122039_000000332041_00109_18700_7127.N1	27-SEP-2005 12:20:39	Bright	33.000	166	17Eps Leo	2.9800	6000.0	66	18700	No
134	GOM_NL__2PRFIN20050927_123004_000000512041_00109_18700_7128.N1	27-SEP-2005 12:30:04	Twilight	50.500	48	30Alp Hya	1.9770	4100.0	101	18700	No
135	GOM_NL__2PRFIN20050927_123945_000000482041_00109_18700_7129.N1	27-SEP-2005 12:39:45	Dark	47.500	65	Lam Vel	2.2040	4400.0	95	18700	No
136	GOM_NL__2PRFIN20050927_124304_000000382041_00109_18700_7130.N1	27-SEP-2005 12:43:04	Dark	37.500	46	Del Vel	1.9540	10600.	75	18700	No
137	GOM_NL__2PRFIN20050927_125649_000000402041_00110_18701_7114.N1	27-SEP-2005 12:56:49	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	18701	No
138	GOM_NL__2PRFIN20050927_125817_000000422041_00110_18701_7115.N1	27-SEP-2005 12:58:17	Dark	41.500	9	Alp Eri	0.45300	24000.	83	18701	No
139	GOM_NL__2PRFIN20050927_130344_000000442041_00110_18701_7116.N1	27-SEP-2005 13:03:44	Straylight	43.500	84	Alp Phe	2.3970	4500.0	87	18701	No
140	GOM_NL__2PRFIN20050927_130829_000000422041_00110_18701_7117.N1	27-SEP-2005 13:08:29	Straylight	42.000	18	24Alp PsA	1.1660	9700.0	84	18701	No
141	GOM_NL__2PRFIN20050927_131710_000000382041_00110_18701_7118.N1	27-SEP-2005 13:17:10	Bright	37.500	162	34Alp Aqr	2.9440	5350.0	75	18701	No
142	GOM_NL__2PRFIN20050927_132103_000000362041_00110_18701_7119.N1	27-SEP-2005 13:21:03	Bright	36.000	90	54Alp Peg	2.4870	11000.	72	18701	No
143	GOM_NL__2PRFIN20050927_132444_000000392041_00110_18701_7120.N1	27-SEP-2005 13:24:44	Bright	39.000	93	53Bet Peg	2.5200	3100.0	78	18701	No
144	GOM_NL__2PRFIN20050927_133448_000000372041_00110_18701_7121.N1	27-SEP-2005 13:34:48	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	18701	No
145	GOM_NL__2PRFIN20050927_134206_000000342041_00110_18701_7122.N1	27-SEP-2005 13:42:06	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	18701	No
146	GOM_NL__2PRFIN20050927_134355_000000372041_00110_18701_7123.N1	27-SEP-2005 13:43:55	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	18701	No
147	GOM_NL__2PRFIN20050927_134957_000000362041_00110_18701_7124.N1	27-SEP-2005 13:49:57	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	18701	No
148	GOM_NL__2PRFIN20050927_135126_000000412041_00110_18701_7125.N1	27-SEP-2005 13:51:26	Bright	40.500	82	48Bet UMa	2.3650	10600.	81	18701	No
149	GOM_NL__2PRFIN20050927_135437_000000332041_00110_18701_7126.N1	27-SEP-2005 13:54:37	Bright	33.000	174	52Psi UMa	3.0040	4400.0	66	18701	No
150	GOM_NL__2PRFIN20050927_140115_000000352041_00110_18701_7127.N1	27-SEP-2005 14:01:15	Bright	34.500	166	17Eps Leo	2.9800	6000.0	69	18701	No
151	GOM_NL__2PRFIN20050927_141041_000000522041_00110_18701_7128.N1	27-SEP-2005 14:10:41	Twilight	52.000	48	30Alp Hya	1.9770	4100.0	104	18701	No
152	GOM_NL__2PRFIN20050927_142022_000000462041_00110_18701_7129.N1	27-SEP-2005 14:20:22	Dark	46.000	65	Lam Vel	2.2040	4400.0	92	18701	No
153	GOM_NL__2PRFIN20050927_142340_000000422041_00110_18701_7130.N1	27-SEP-2005 14:23:40	Dark	41.500	46	Del Vel	1.9540	10600.	83	18701	No
154	GOM_NL__2PRFIN20050927_143726_000000422041_00111_18702_7114.N1	27-SEP-2005 14:37:26	Dark	42.000	143	Alp Hyi	2.8570	7200.0	84	18702	No
155	GOM_NL__2PRFIN20050927_143853_000000502041_00111_18702_7115.N1	27-SEP-2005 14:38:53	Dark	49.500	9	Alp Eri	0.45300	24000.	99	18702	No
156	GOM_NL__2PRFIN20050927_144420_000000392041_00111_18702_7116.N1	27-SEP-2005 14:44:20	Straylight	38.500	84	Alp Phe	2.3970	4500.0	77	18702	No
157	GOM_NL__2PRFIN20050927_144905_000000452041_00111_18702_7117.N1	27-SEP-2005 14:49:05	Straylight	44.500	18	24Alp PsA	1.1660	9700.0	89	18702	No
158	GOM_NL__2PRFIN20050927_145746_000000382041_00111_18702_7118.N1	27-SEP-2005 14:57:46	Bright	37.500	162	34Alp Aqr	2.9440	5350.0	75	18702	No
159	GOM_NL__2PRFIN20050927_150139_000000362041_00111_18702_7119.N1	27-SEP-2005 15:01:39	Bright	36.000	90	54Alp Peg	2.4870	11000.	72	18702	No
160	GOM_NL__2PRFIN20050927_150520_000000372041_00111_18702_7120.N1	27-SEP-2005 15:05:20	Bright	37.000	93	53Bet Peg	2.5200	3100.0	74	18702	No

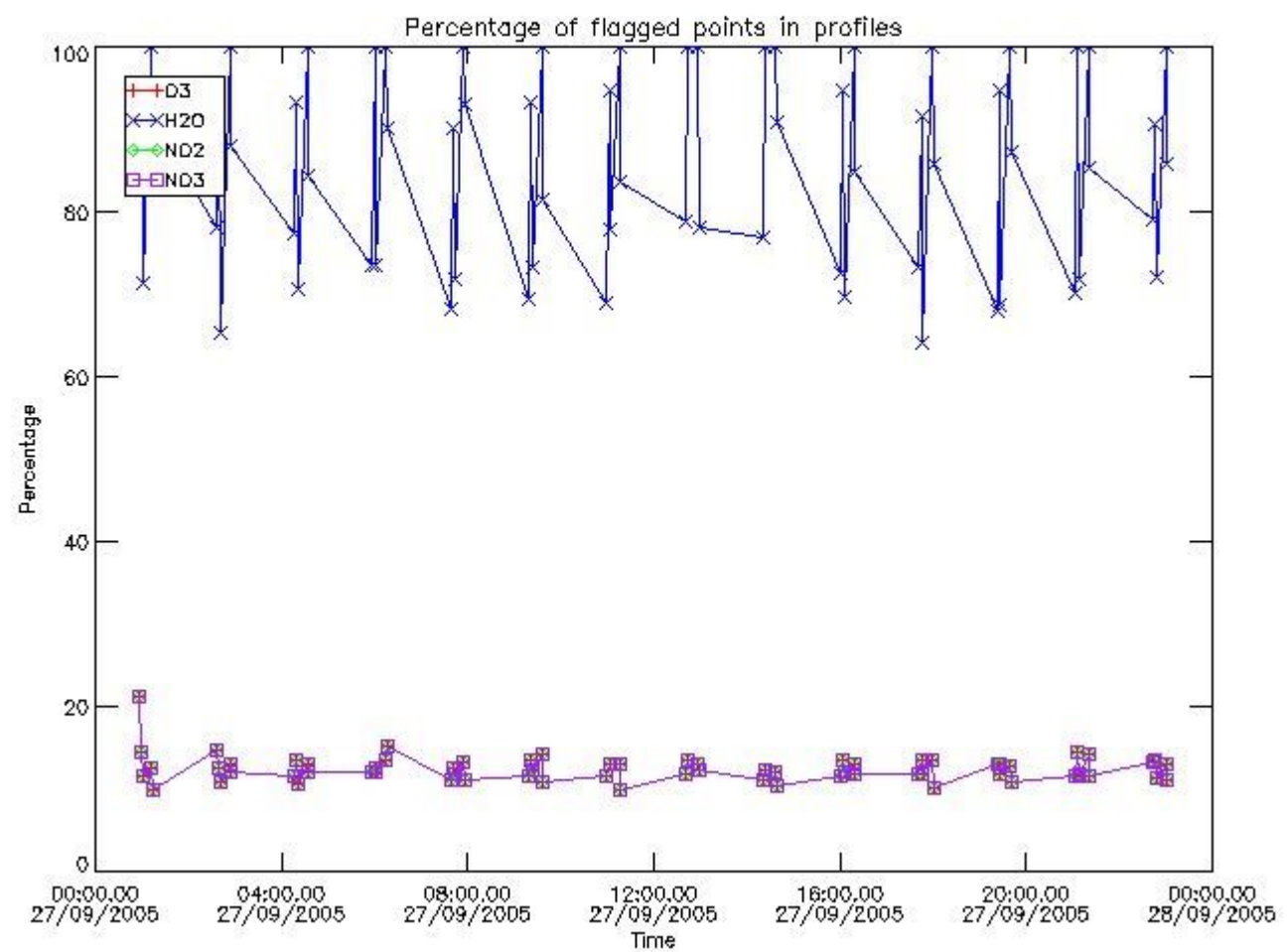
161	GOM_NL__2PRFIN20050927_151524_000000362041_00111_18702_7121.N1	27-SEP-2005 15:15:24	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	18702	No
162	GOM_NL__2PRFIN20050927_152242_000000352041_00111_18702_7122.N1	27-SEP-2005 15:22:42	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	18702	No
163	GOM_NL__2PRFIN20050927_152431_000000342041_00111_18702_7123.N1	27-SEP-2005 15:24:31	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	18702	No
164	GOM_NL__2PRFIN20050927_153033_000000372041_00111_18702_7124.N1	27-SEP-2005 15:30:33	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	18702	No
165	GOM_NL__2PRFIN20050927_153202_000000362041_00111_18702_7125.N1	27-SEP-2005 15:32:02	Bright	35.500	82	48Bet UMa	2.3650	10600.	71	18702	No
166	GOM_NL__2PRFIN20050927_153513_000000352041_00111_18702_7126.N1	27-SEP-2005 15:35:13	Bright	35.000	174	52Psi UMa	3.0040	4400.0	70	18702	No
167	GOM_NL__2PRFIN20050927_154152_000000342041_00111_18702_7127.N1	27-SEP-2005 15:41:52	Bright	34.000	166	17Eps Leo	2.9800	6000.0	68	18702	No
168	GOM_NL__2PRFIN20050927_155117_000000512041_00111_18702_7128.N1	27-SEP-2005 15:51:17	Twilight	50.500	48	30Alp Hya	1.9770	4100.0	101	18702	No
169	GOM_NL__2PRFIN20050927_160058_000000442041_00111_18702_7129.N1	27-SEP-2005 16:00:58	Dark	44.000	65	Lam Vel	2.2040	4400.0	88	18702	No
170	GOM_NL__2PRFIN20050927_160416_000000382041_00111_18702_7130.N1	27-SEP-2005 16:04:16	Dark	38.000	46	Del Vel	1.9540	10600.	76	18702	No
171	GOM_NL__2PRFIN20050927_160551_000000472041_00111_18702_7131.N1	27-SEP-2005 16:05:51	Dark	46.500	41	Eps Car	1.8600	4100.0	93	18702	No
172	GOM_NL__2PRFIN20050927_161802_000000392041_00112_18703_7114.N1	27-SEP-2005 16:18:02	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	18703	No
173	GOM_NL__2PRFIN20050927_161930_000000432041_00112_18703_7115.N1	27-SEP-2005 16:19:30	Dark	42.500	9	Alp Eri	0.45300	24000.	85	18703	No
174	GOM_NL__2PRFIN20050927_162456_000000452041_00112_18703_7116.N1	27-SEP-2005 16:24:56	Straylight	45.000	84	Alp Phe	2.3970	4500.0	90	18703	No
175	GOM_NL__2PRFIN20050927_162942_000000412041_00112_18703_7117.N1	27-SEP-2005 16:29:42	Straylight	41.000	18	24Alp PsA	1.1660	9700.0	82	18703	No
176	GOM_NL__2PRFIN20050927_163822_000000382041_00112_18703_7118.N1	27-SEP-2005 16:38:22	Bright	38.000	162	34Alp Aqr	2.9440	5350.0	76	18703	No
177	GOM_NL__2PRFIN20050927_164215_000000372041_00112_18703_7119.N1	27-SEP-2005 16:42:15	Bright	36.500	90	54Alp Peg	2.4870	11000.	73	18703	No
178	GOM_NL__2PRFIN20050927_164556_000000372041_00112_18703_7120.N1	27-SEP-2005 16:45:56	Bright	36.500	93	53Bet Peg	2.5200	3100.0	73	18703	No
179	GOM_NL__2PRFIN20050927_165600_000000362041_00112_18703_7121.N1	27-SEP-2005 16:56:00	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	18703	No
180	GOM_NL__2PRFIN20050927_170318_000000352041_00112_18703_7122.N1	27-SEP-2005 17:03:18	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	18703	No
181	GOM_NL__2PRFIN20050927_170507_000000372041_00112_18703_7123.N1	27-SEP-2005 17:05:07	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	18703	No
182	GOM_NL__2PRFIN20050927_171109_000000342041_00112_18703_7124.N1	27-SEP-2005 17:11:09	Bright	33.500	36	50Alp UMa	1.8000	6300.0	67	18703	No
183	GOM_NL__2PRFIN20050927_171238_000000332041_00112_18703_7125.N1	27-SEP-2005 17:12:38	Bright	33.000	82	48Bet UMa	2.3650	10600.	66	18703	No
184	GOM_NL__2PRFIN20050927_171549_000000352041_00112_18703_7126.N1	27-SEP-2005 17:15:49	Bright	34.500	174	52Psi UMa	3.0040	4400.0	69	18703	No
185	GOM_NL__2PRFIN20050927_172228_000000352041_00112_18703_7127.N1	27-SEP-2005 17:22:28	Bright	34.500	166	17Eps Leo	2.9800	6000.0	69	18703	No
186	GOM_NL__2PRFIN20050927_173153_000000442041_00112_18703_7128.N1	27-SEP-2005 17:31:53	Twilight	44.000	48	30Alp Hya	1.9770	4100.0	88	18703	No
187	GOM_NL__2PRFIN20050927_174134_000000442041_00112_18703_7129.N1	27-SEP-2005 17:41:34	Dark	43.500	65	Lam Vel	2.2040	4400.0	87	18703	No
188	GOM_NL__2PRFIN20050927_174452_000000422041_00112_18703_7130.N1	27-SEP-2005 17:44:52	Dark	41.500	46	Del Vel	1.9540	10600.	83	18703	No
189	GOM_NL__2PRFIN20050927_174628_000000442041_00112_18703_7131.N1	27-SEP-2005 17:46:28	Dark	43.500	41	Eps Car	1.8600	4100.0	87	18703	No
190	GOM_NL__2PRFIN20050927_175839_000000382041_00113_18704_7134.N1	27-SEP-2005 17:58:39	Dark	38.000	143	Alp Hyi	2.8570	7200.0	76	18704	No
191	GOM_NL__2PRFIN20050927_180006_000000502041_00113_18704_7135.N1	27-SEP-2005 18:00:06	Dark	49.500	9	Alp Eri	0.45300	24000.	99	18704	No
192	GOM_NL__2PRFIN20050927_180533_000000452041_00113_18704_7136.N1	27-SEP-2005 18:05:33	Straylight	45.000	84	Alp Phe	2.3970	4500.0	90	18704	No
193	GOM_NL__2PRFIN20050927_181018_000000432041_00113_18704_7137.N1	27-SEP-2005 18:10:18	Straylight	42.500	18	24Alp PsA	1.1660	9700.0	85	18704	No
194	GOM_NL__2PRFIN20050927_181858_000000372041_00113_18704_7138.N1	27-SEP-2005 18:18:58	Bright	36.500	162	34Alp Aqr	2.9440	5350.0	73	18704	No
195	GOM_NL__2PRFIN20050927_182251_000000372041_00113_18704_7139.N1	27-SEP-2005 18:22:51	Bright	37.000	90	54Alp Peg	2.4870	11000.	74	18704	No
196	GOM_NL__2PRFIN20050927_182632_000000392041_00113_18704_7140.N1	27-SEP-2005 18:26:32	Bright	39.000	93	53Bet Peg	2.5200	3100.0	78	18704	No
197	GOM_NL__2PRFIN20050927_183636_000000372041_00113_18704_7141.N1	27-SEP-2005 18:36:36	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	18704	No
198	GOM_NL__2PRFIN20050927_184354_000000372041_00113_18704_7142.N1	27-SEP-2005 18:43:54	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	18704	No
199	GOM_NL__2PRFIN20050927_184544_000000362041_00113_18704_7143.N1	27-SEP-2005 18:45:44	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	18704	No
200	GOM_NL__2PRFIN20050927_185145_000000332041_00113_18704_7144.N1	27-SEP-2005 18:51:45	Bright	33.000	36	50Alp UMa	1.8000	6300.0	66	18704	No
201	GOM_NL__2PRFIN20050927_185314_000000352041_00113_18704_7145.N1	27-SEP-2005 18:53:14	Bright	35.000	82	48Bet UMa	2.3650	10600.	70	18704	No
202	GOM_NL__2PRFIN20050927_185625_000000362041_00113_18704_7146.N1	27-SEP-2005 18:56:25	Bright	35.500	174	52Psi UMa	3.0040	4400.0	71	18704	No
203	GOM_NL__2PRFIN20050927_190304_000000452041_00113_18704_7147.N1	27-SEP-2005 19:03:04	Bright	45.000	166	17Eps Leo	2.9800	6000.0	90	18704	No
204	GOM_NL__2PRFIN20050927_191230_000000442041_00113_18704_7148.N1	27-SEP-2005 19:12:30	Twilight	43.500	48	30Alp Hya	1.9770	4100.0	87	18704	No
205	GOM_NL__2PRFIN20050927_192211_000000402041_00113_18704_7149.N1	27-SEP-2005 19:22:11	Dark	39.500	65	Lam Vel	2.2040	4400.0	79	18704	No
206	GOM_NL__2PRFIN20050927_192529_000000392041_00113_18704_7150.N1	27-SEP-2005 19:25:29	Dark	39.000	46	Del Vel	1.9540	10600.	78	18704	No
207	GOM_NL__2PRFIN20050927_192704_000000442041_00113_18704_7151.N1	27-SEP-2005 19:27:04	Dark	43.500	41	Eps Car	1.8600	4100.0	87	18704	No
208	GOM_NL__2PRFIN20050927_193915_000000402041_00114_18705_7134.N1	27-SEP-2005 19:39:15	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	18705	No
209	GOM_NL__2PRFIN20050927_194043_000000512041_00114_18705_7135.N1	27-SEP-2005 19:40:43	Dark	51.000	9	Alp Eri	0.45300	24000.	102	18705	No
210	GOM_NL__2PRFIN20050927_194609_000000412041_00114_18705_7136.N1	27-SEP-2005 19:46:09	Straylight	41.000	84	Alp Phe	2.3970	4500.0	82	18705	No
211	GOM_NL__2PRFIN20050927_195054_000000432041_00114_18705_7137.N1	27-SEP-2005 19:50:54	Straylight	43.000	18	24Alp PsA	1.1660	9700.0	86	18705	No
212	GOM_NL__2PRFIN20050927_195934_000000372041_00114_18705_7138.N1	27-SEP-2005 19:59:34	Bright	37.000	162	34Alp Aqr	2.9440	5350.0	74	18705	No
213	GOM_NL__2PRFIN20050927_200327_000000362041_00114_18705_7139.N1	27-SEP-2005 20:03:27	Bright	36.000	90	54Alp Peg	2.4870	11000.	72	18705	No
214	GOM_NL__2PRFIN20050927_200708_000000352041_00114_18705_7140.N1	27-SEP-2005 20:07:08	Bright	34.500	93	53Bet Peg	2.5200	3100.0	69	18705	No
215	GOM_NL__2PRFIN20050927_201712_000000362041_00114_18705_7141.N1	27-SEP-2005 20:17:12	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	18705	No
216	GOM_NL__2PRFIN20050927_202430_000000352041_00114_18705_7142.N1	27-SEP-2005 20:24:30	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	18705	No
217	GOM_NL__2PRFIN20050927_202620_000000372041_00114_18705_7143.N1	27-SEP-2005 20:26:20	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	18705	No
218	GOM_NL__2PRFIN20050927_203221_000000372041_00114_18705_7144.N1	27-SEP-2005 20:32:21	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	18705	No
219	GOM_NL__2PRFIN20050927_203350_000000352041_00114_18705_7145.N1	27-SEP-2005 20:33:50	Bright	35.000	82	48Bet UMa	2.3650	10600.	70	18705	No

220	GOM_NL__2PRFIN20050927_203701_000000332041_00114_18705_7146.N1	27-SEP-2005 20:37:01	Bright	33.000	174	52Psi UMa	3.0040	4400.0	66	18705	No
221	GOM_NL__2PRFIN20050927_204340_000000342041_00114_18705_7147.N1	27-SEP-2005 20:43:40	Bright	34.000	166	17Eps Leo	2.9800	6000.0	68	18705	No
222	GOM_NL__2PRFIN20050927_210247_000000442041_00114_18705_7148.N1	27-SEP-2005 21:02:47	Dark	44.000	65	Lam Vel	2.2040	4400.0	88	18705	No
223	GOM_NL__2PRFIN20050927_210605_000000362041_00114_18705_7149.N1	27-SEP-2005 21:06:05	Dark	35.500	46	Del Vel	1.9540	10600.	71	18705	No
224	GOM_NL__2PRFIN20050927_210740_000000432041_00114_18705_7150.N1	27-SEP-2005 21:07:40	Dark	43.000	41	Eps Car	1.8600	4100.0	86	18705	No
225	GOM_NL__2PRFIN20050927_211951_000000402041_00115_18706_7134.N1	27-SEP-2005 21:19:51	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	18706	No
226	GOM_NL__2PRFIN20050927_212119_000000452041_00115_18706_7135.N1	27-SEP-2005 21:21:19	Dark	44.500	9	Alp Eri	0.45300	24000.	89	18706	No
227	GOM_NL__2PRFIN20050927_212645_000000422041_00115_18706_7136.N1	27-SEP-2005 21:26:45	Straylight	42.000	84	Alp Phe	2.3970	4500.0	84	18706	No
228	GOM_NL__2PRFIN20050927_213130_000000442041_00115_18706_7137.N1	27-SEP-2005 21:31:30	Straylight	44.000	18	24Alp PsA	1.1660	9700.0	88	18706	No
229	GOM_NL__2PRFIN20050927_214010_000000372041_00115_18706_7138.N1	27-SEP-2005 21:40:10	Bright	36.500	162	34Alp Aqr	2.9440	5350.0	73	18706	No
230	GOM_NL__2PRFIN20050927_214403_000000362041_00115_18706_7139.N1	27-SEP-2005 21:44:03	Bright	36.000	90	54Alp Peg	2.4870	11000.	72	18706	No
231	GOM_NL__2PRFIN20050927_214744_000000382041_00115_18706_7140.N1	27-SEP-2005 21:47:44	Bright	38.000	93	53Bet Peg	2.5200	3100.0	76	18706	No
232	GOM_NL__2PRFIN20050927_215748_000000372041_00115_18706_7141.N1	27-SEP-2005 21:57:48	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	18706	No
233	GOM_NL__2PRFIN20050927_220506_000000362041_00115_18706_7142.N1	27-SEP-2005 22:05:06	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	18706	No
234	GOM_NL__2PRFIN20050927_220656_000000522041_00115_18706_7143.N1	27-SEP-2005 22:06:56	Bright	52.000	60	7Bet UMi	2.0810	3950.0	104	18706	No
235	GOM_NL__2PRFIN20050927_221257_000000362041_00115_18706_7144.N1	27-SEP-2005 22:12:57	Bright	35.500	36	50Alp UMa	1.8000	6300.0	71	18706	No
236	GOM_NL__2PRFIN20050927_221426_000000352041_00115_18706_7145.N1	27-SEP-2005 22:14:26	Bright	34.500	82	48Bet UMa	2.3650	10600.	69	18706	No
237	GOM_NL__2PRFIN20050927_221738_000000352041_00115_18706_7146.N1	27-SEP-2005 22:17:38	Bright	35.000	174	52Psi UMa	3.0040	4400.0	70	18706	No
238	GOM_NL__2PRFIN20050927_222416_000000342041_00115_18706_7147.N1	27-SEP-2005 22:24:16	Bright	34.000	166	17Eps Leo	2.9800	6000.0	68	18706	No
239	GOM_NL__2PRFIN20050927_223342_000000432041_00115_18706_7148.N1	27-SEP-2005 22:33:42	Twilight	43.000	48	30Alp Hya	1.9770	4100.0	86	18706	No
240	GOM_NL__2PRFIN20050927_224323_000000392041_00115_18706_7149.N1	27-SEP-2005 22:43:23	Dark	38.500	65	Lam Vel	2.2040	4400.0	77	18706	No
241	GOM_NL__2PRFIN20050927_224641_000000382041_00115_18706_7150.N1	27-SEP-2005 22:46:41	Dark	38.000	46	Del Vel	1.9540	10600.	76	18706	No
242	GOM_NL__2PRFIN20050927_224816_000000452041_00115_18706_7151.N1	27-SEP-2005 22:48:16	Dark	45.000	41	Eps Car	1.8600	4100.0	90	18706	No
243	GOM_NL__2PRFIN20050927_230028_000000392041_00116_18707_7134.N1	27-SEP-2005 23:00:28	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	18707	No
244	GOM_NL__2PRFIN20050927_230155_000000462041_00116_18707_7135.N1	27-SEP-2005 23:01:55	Dark	46.000	9	Alp Eri	0.45300	24000.	92	18707	No
245	GOM_NL__2PRFIN20050927_230721_000000402041_00116_18707_7136.N1	27-SEP-2005 23:07:21	Straylight	40.000	84	Alp Phe	2.3970	4500.0	80	18707	No
246	GOM_NL__2PRFIN20050927_231206_000000422041_00116_18707_7137.N1	27-SEP-2005 23:12:06	Straylight	42.000	18	24Alp PsA	1.1660	9700.0	84	18707	No
247	GOM_NL__2PRFIN20050927_232046_000000372041_00116_18707_7138.N1	27-SEP-2005 23:20:46	Bright	37.000	162	34Alp Aqr	2.9440	5350.0	74	18707	No
248	GOM_NL__2PRFIN20050927_232439_000000372041_00116_18707_7139.N1	27-SEP-2005 23:24:39	Bright	36.500	90	54Alp Peg	2.4870	11000.	73	18707	No
249	GOM_NL__2PRFIN20050927_232819_000000392041_00116_18707_7140.N1	27-SEP-2005 23:28:19	Bright	38.500	93	53Bet Peg	2.5200	3100.0	77	18707	No
250	GOM_NL__2PRFIN20050927_233824_000000362041_00116_18707_7141.N1	27-SEP-2005 23:38:24	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	18707	No
251	GOM_NL__2PRFIN20050927_234542_000000332041_00116_18707_7142.N1	27-SEP-2005 23:45:42	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	18707	No
252	GOM_NL__2PRFIN20050927_234732_000000362041_00116_18707_7143.N1	27-SEP-2005 23:47:32	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	18707	No
253	GOM_NL__2PRFIN20050927_235333_000000362041_00116_18707_7144.N1	27-SEP-2005 23:53:33	Bright	35.500	36	50Alp UMa	1.8000	6300.0	71	18707	No
254	GOM_NL__2PRFIN20050927_235502_000000522041_00116_18707_7145.N1	27-SEP-2005 23:55:02	Bright	52.000	82	48Bet UMa	2.3650	10600.	104	18707	No
255	GOM_NL__2PRFIN20050927_235813_000000332041_00116_18707_7146.N1	27-SEP-2005 23:58:13	Bright	32.500	174	52Psi UMa	3.0040	4400.0	65	18707	No

3. Quality information per product

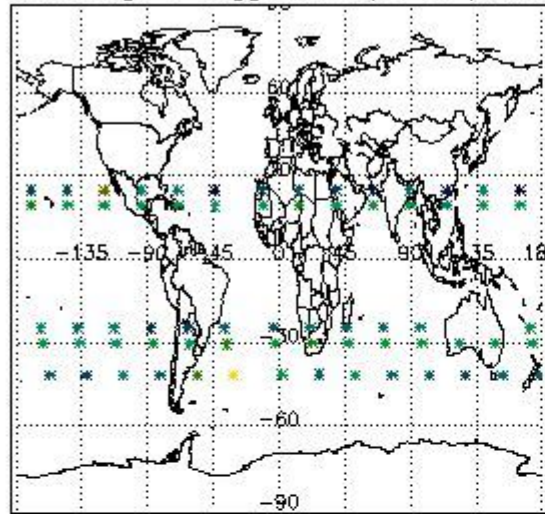
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

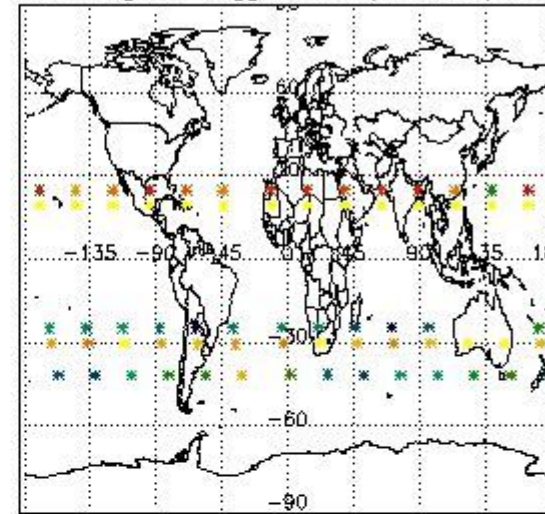


3.2 Plot quality information per product (world map)

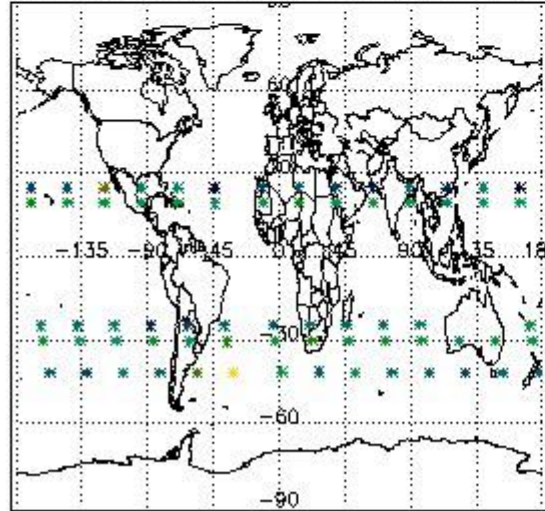
Percentage of flagged data per O3 profile



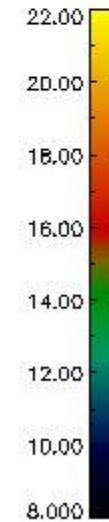
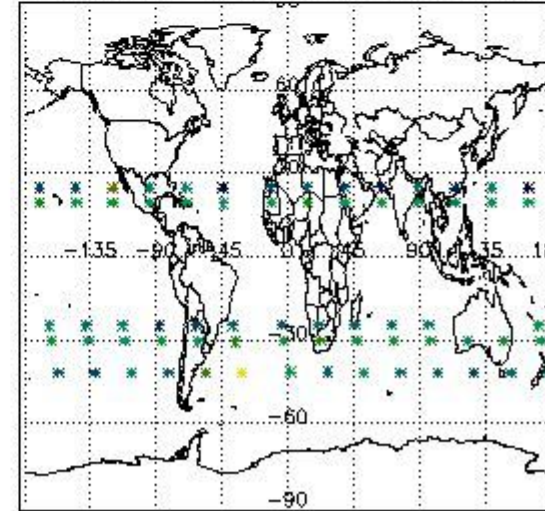
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

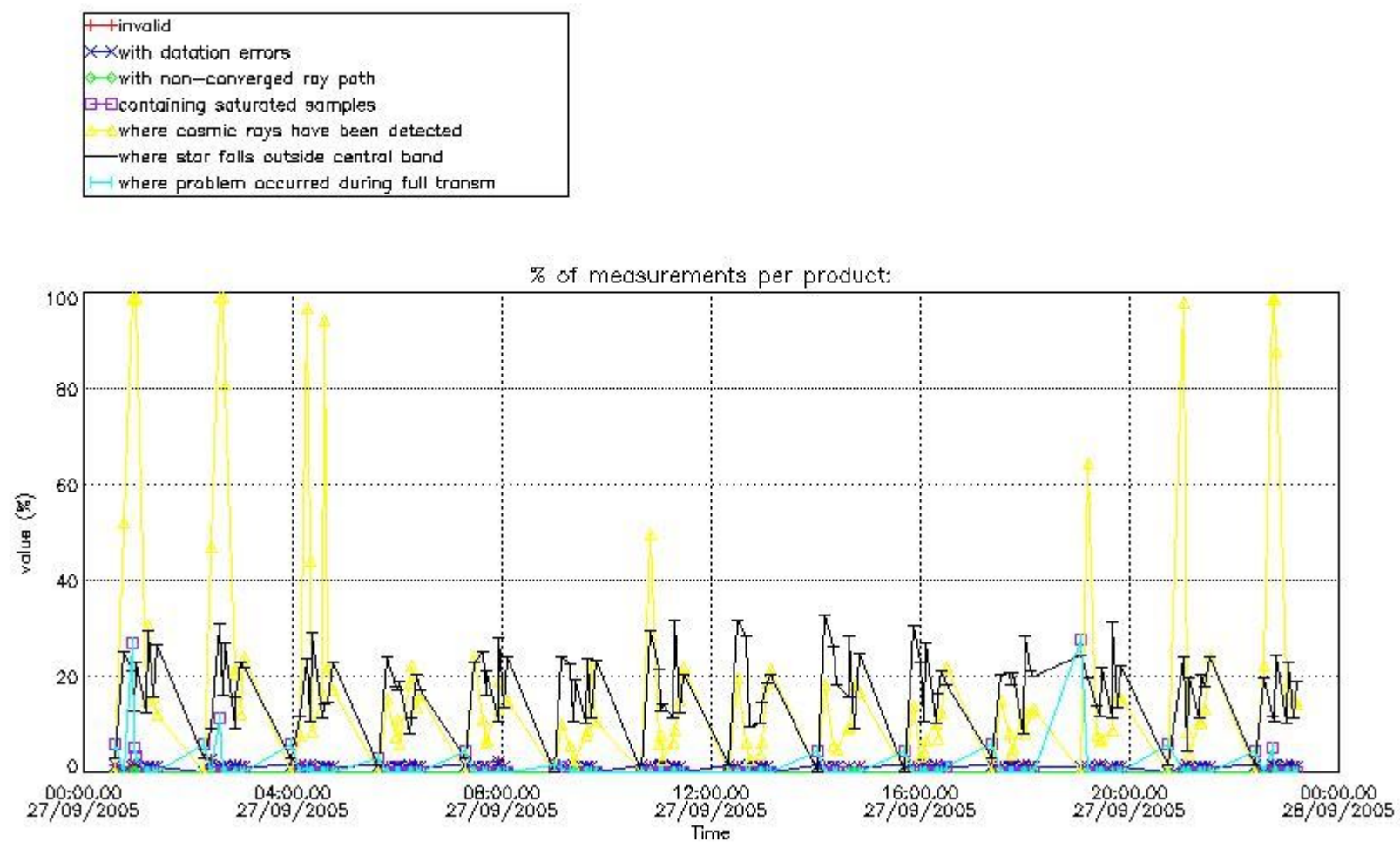


4. Level 1 quality information per product

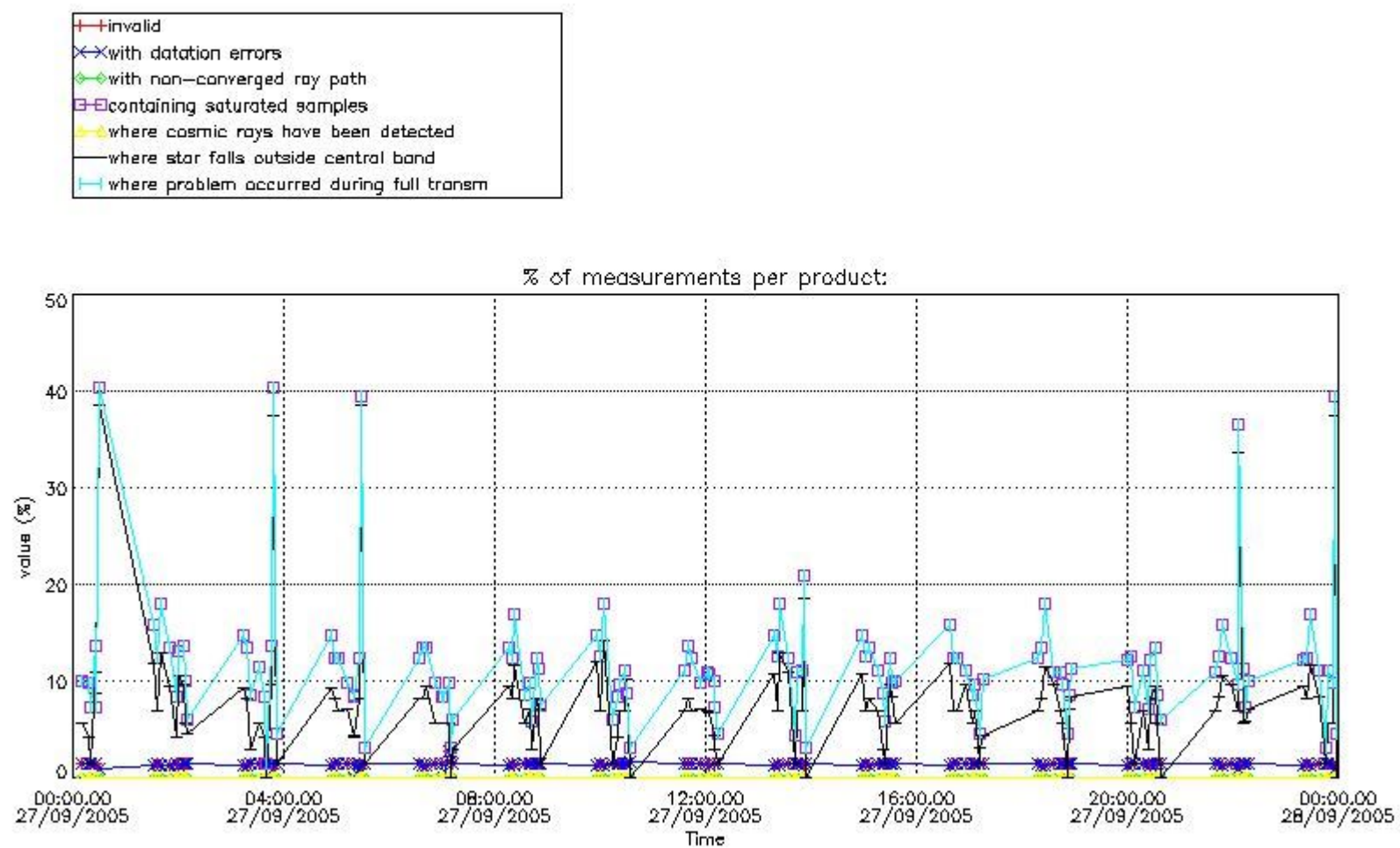
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

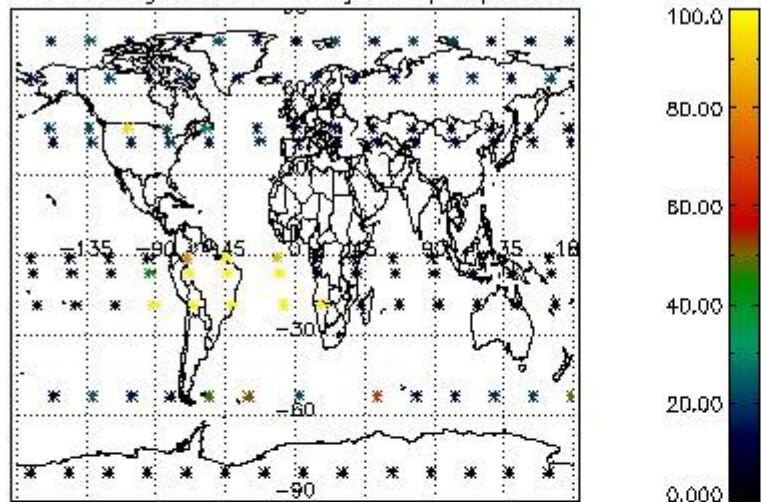


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

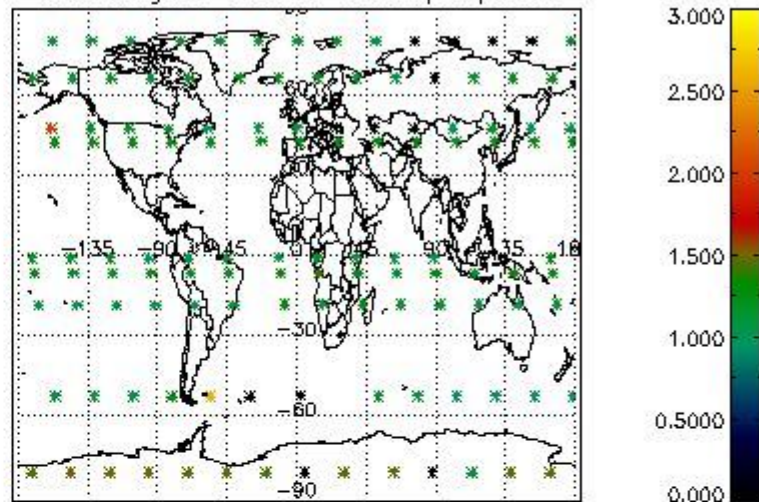


4.2 Plot quality information per product coming from level 1b processing (world map)
 4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes

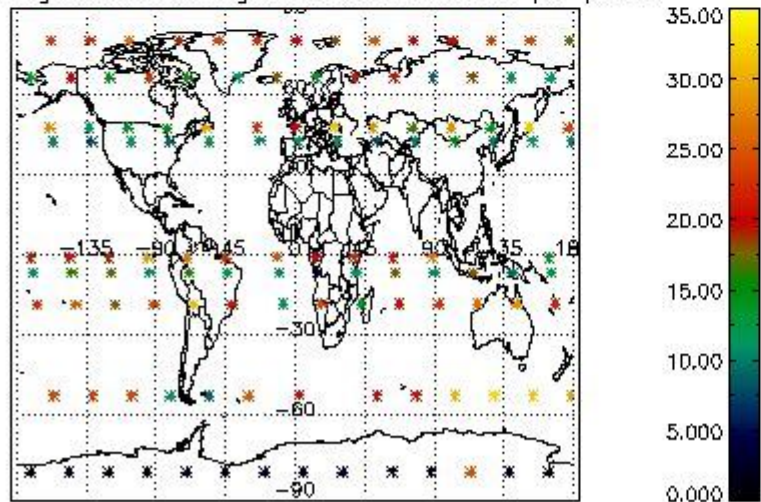
Percentage of cosmic ray hits per profile



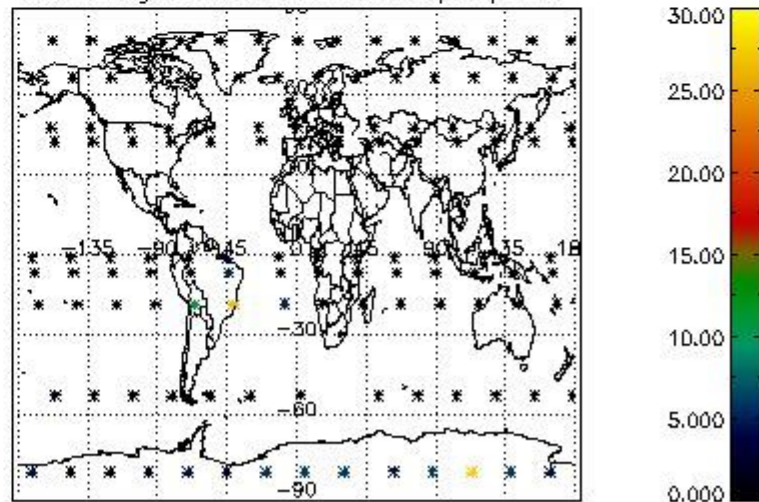
Percentage of datation errors per profile



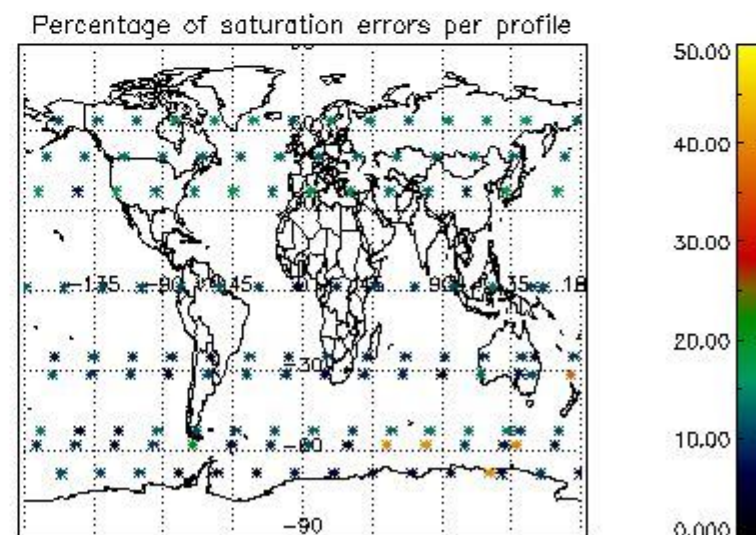
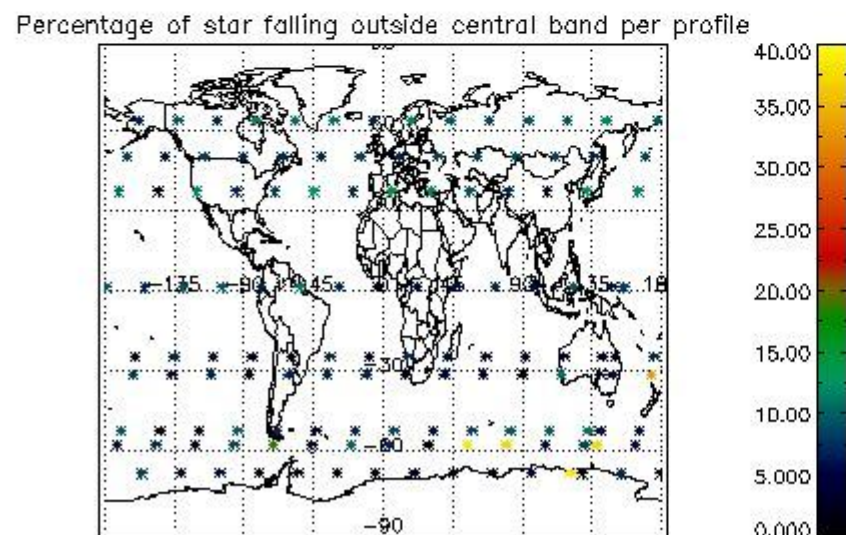
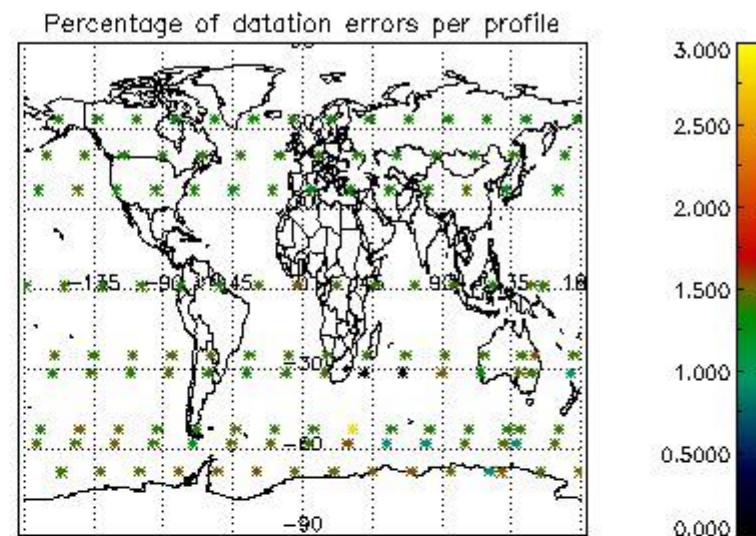
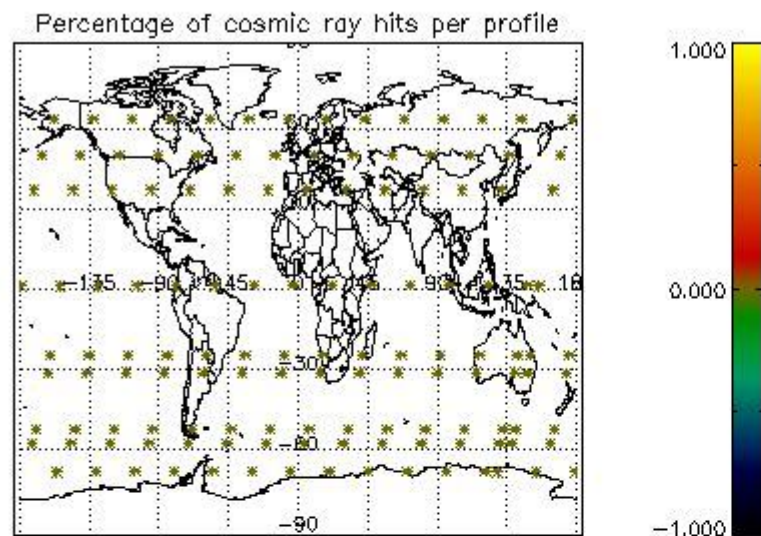
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



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

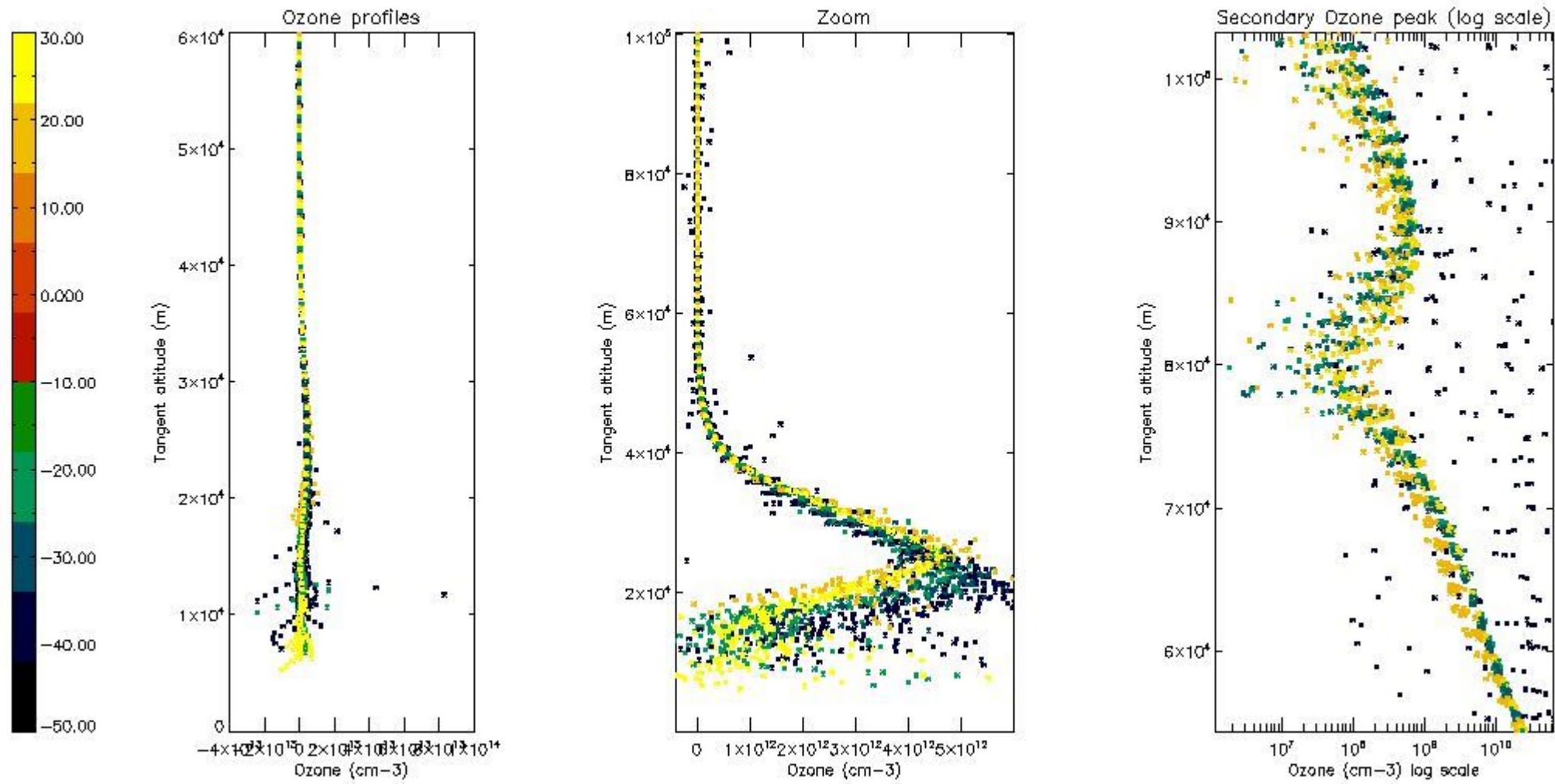
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	30
STD < 20	16

STD < 10	13
STD < 5	6

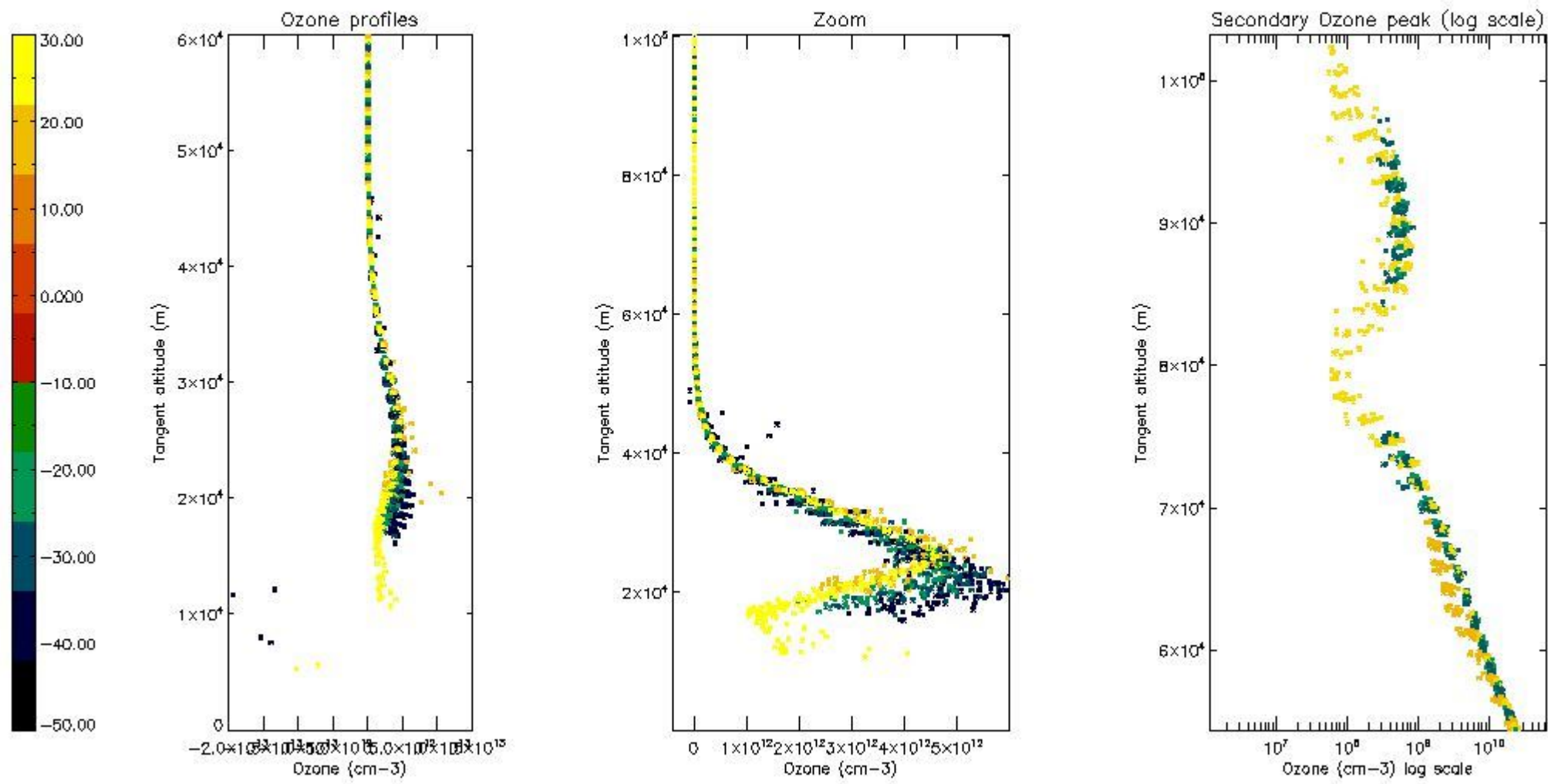
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



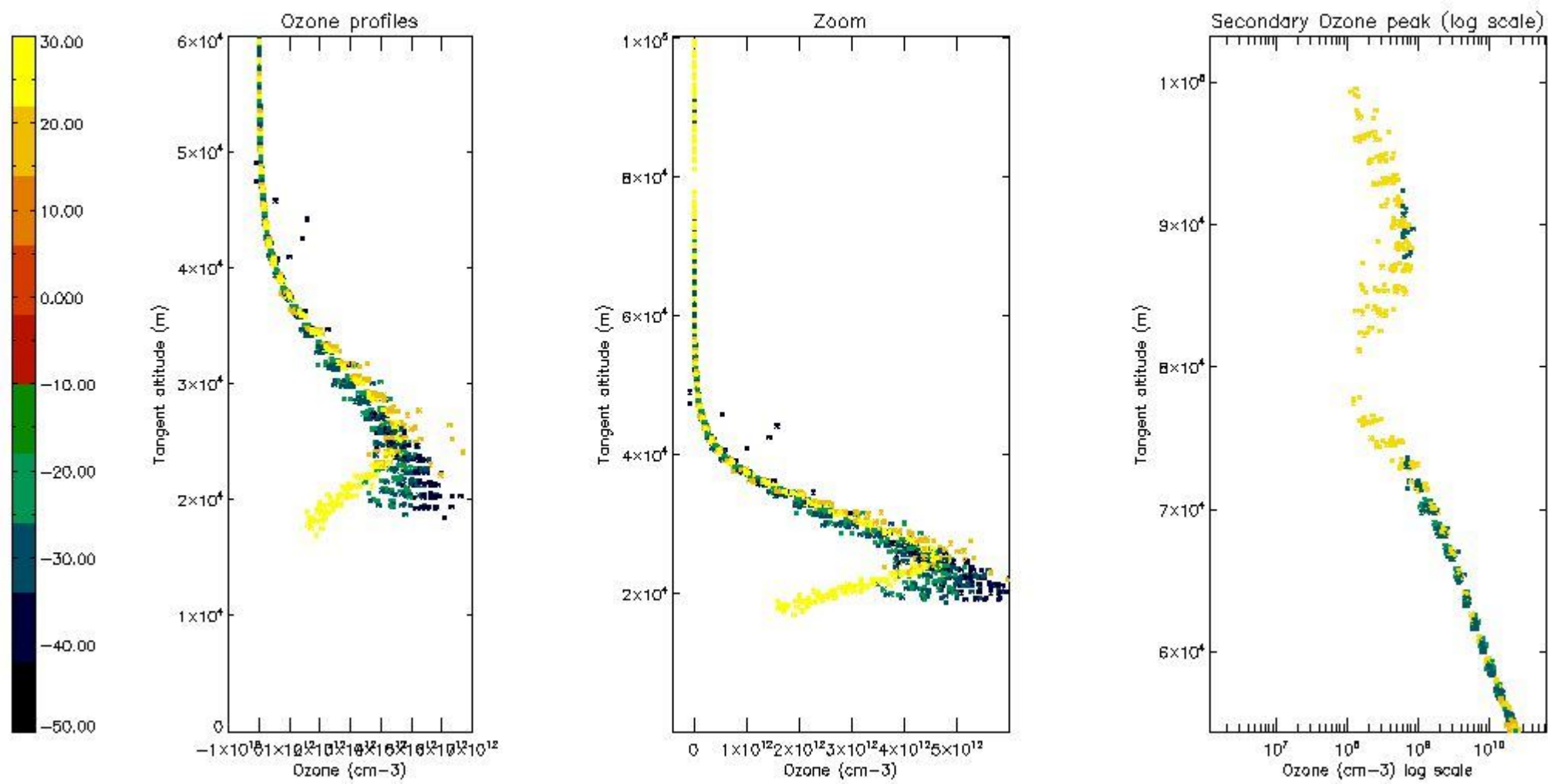
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



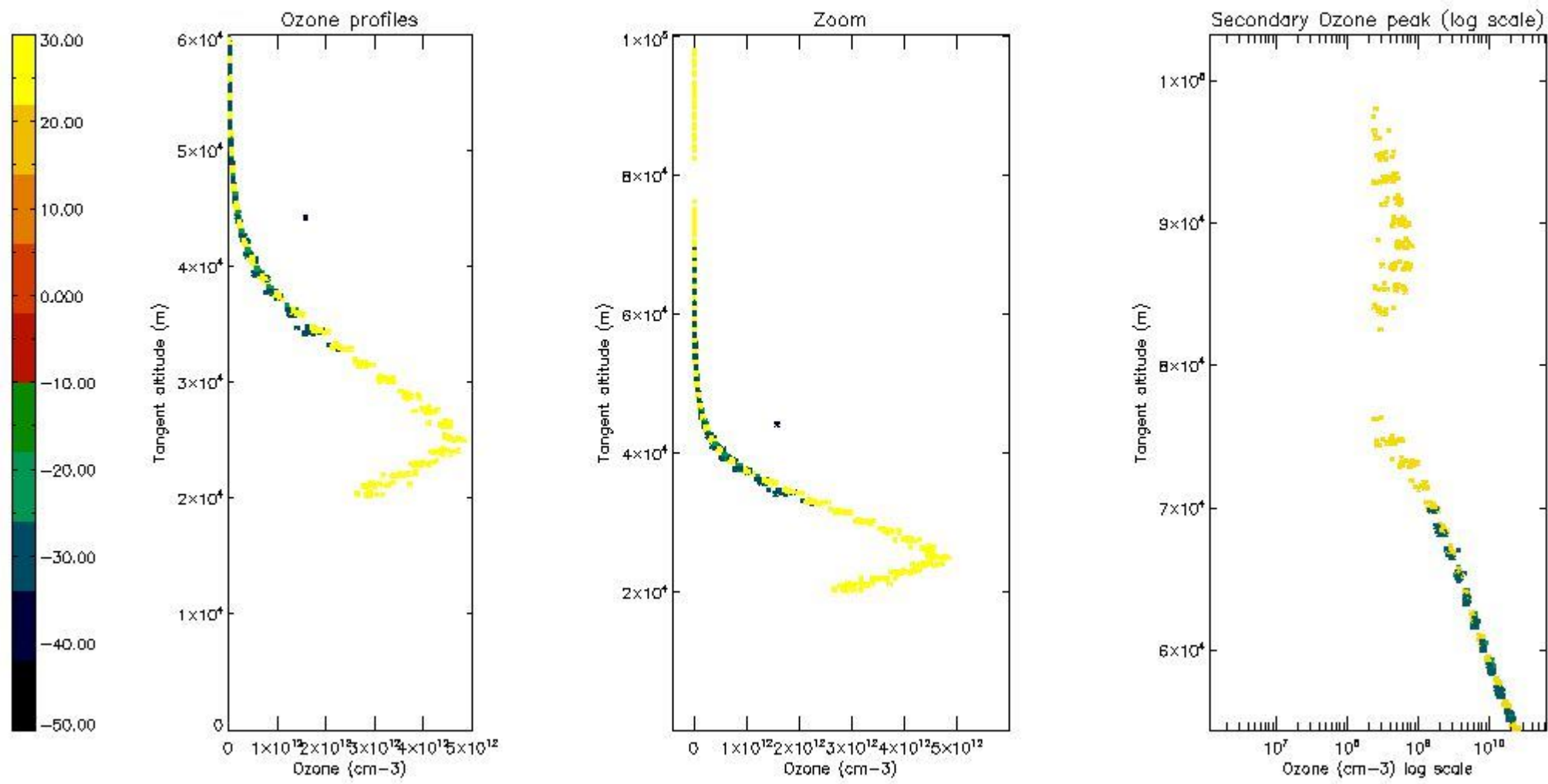
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



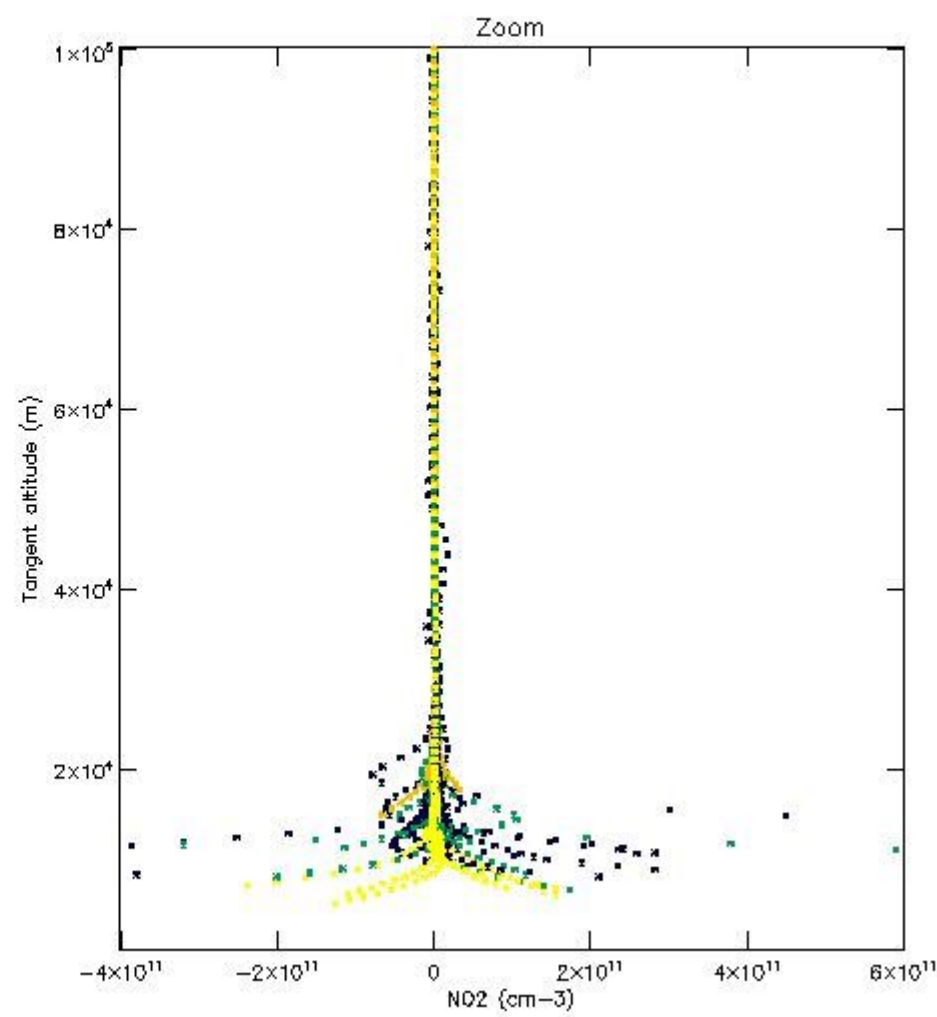
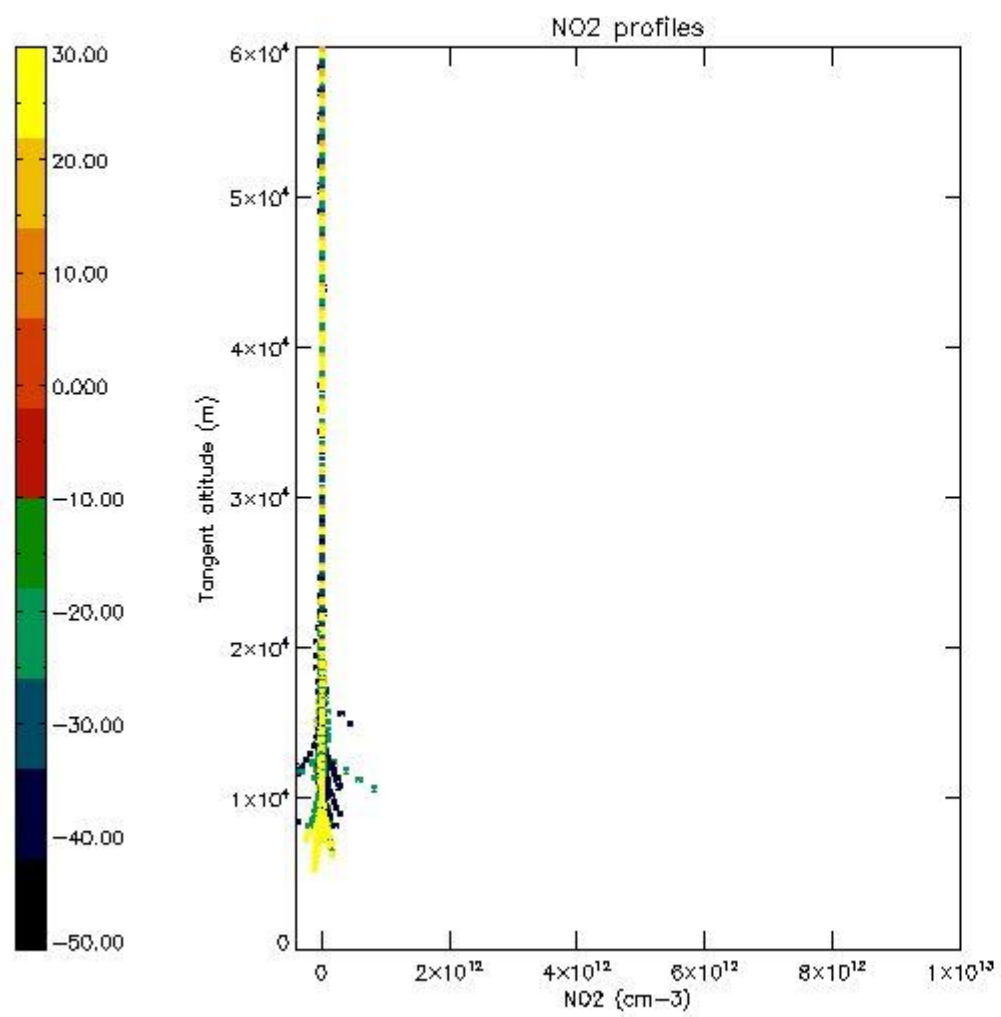
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



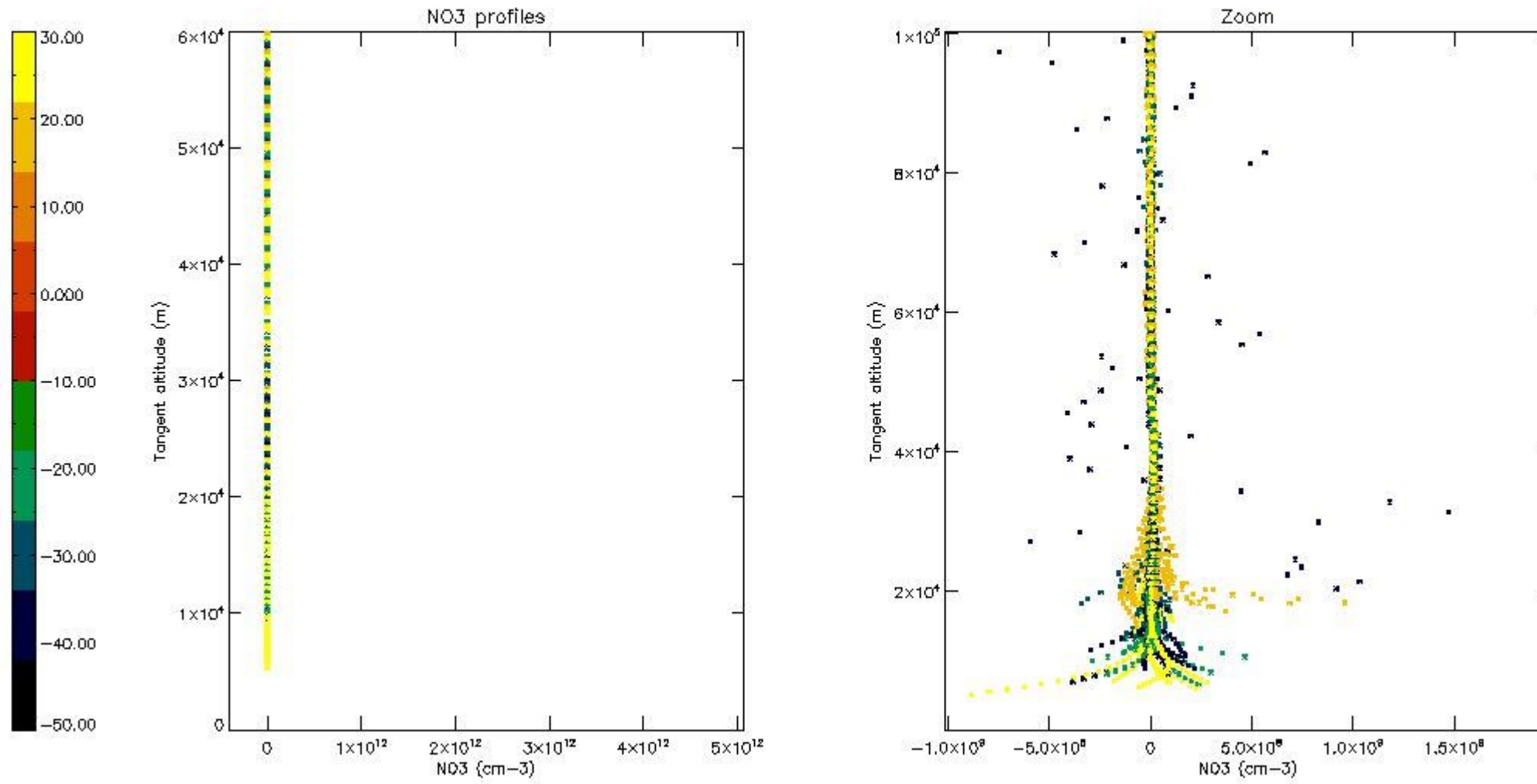
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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-SEP-2005 00:09:59
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	27-SEP-2005 00:09:59
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	27-SEP-2005 00:09:59

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	18APR2013 11:14:22
Data source version	GOMOS/6.01
Start time of products	27-09-2005 (27SEP2005 00:00:00)
Stop time of products	28-09-2005 (28SEP2005 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	255
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__2PRFIN20050927_000959_000000352041_00102_18693_7099.N1	27-SEP-2005 00:09:59	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	18693	No
2	GOM_NL__2PRFIN20050927_001719_000000362041_00102_18693_7100.N1	27-SEP-2005 00:17:19	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	18693	No
3	GOM_NL__2PRFIN20050927_001905_000000352041_00102_18693_7101.N1	27-SEP-2005 00:19:05	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	18693	No
4	GOM_NL__2PRFIN20050927_002508_000000372041_00102_18693_7102.N1	27-SEP-2005 00:25:08	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	18693	No
5	GOM_NL__2PRFIN20050927_002637_000000352041_00102_18693_7103.N1	27-SEP-2005 00:26:37	Bright	34.500	82	48Bet UMa	2.3650	10600.	69	18693	No
6	GOM_NL__2PRFIN20050927_002948_000000522041_00102_18693_7104.N1	27-SEP-2005 00:29:48	Bright	52.000	174	52Psi UMa	3.0040	4400.0	104	18693	No
7	GOM_NL__2PRFIN20050927_003627_000000342041_00102_18693_7105.N1	27-SEP-2005 00:36:27	Bright	34.000	166	17Eps Leo	2.9800	6000.0	68	18693	No
8	GOM_NL__2PRFIN20050927_004550_000000462041_00102_18693_7106.N1	27-SEP-2005 00:45:50	Twilight	46.000	48	30Alp Hya	1.9770	4100.0	92	18693	No
9	GOM_NL__2PRFIN20050927_005532_000000432041_00102_18693_7107.N1	27-SEP-2005 00:55:32	Dark	43.000	65	Lam Vel	2.2040	4400.0	86	18693	No
10	GOM_NL__2PRFIN20050927_005850_000000392041_00102_18693_7108.N1	27-SEP-2005 00:58:50	Dark	39.000	46	Del Vel	1.9540	10600.	78	18693	No
11	GOM_NL__2PRFIN20050927_010025_000000442041_00102_18693_7109.N1	27-SEP-2005 01:00:25	Dark	44.000	41	Eps Car	1.8600	4100.0	88	18693	No
12	GOM_NL__2PRFIN20050927_011235_000000412041_00103_18694_7112.N1	27-SEP-2005 01:12:35	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	18694	No
13	GOM_NL__2PRFIN20050927_011403_000000512041_00103_18694_7113.N1	27-SEP-2005 01:14:03	Dark	51.000	9	Alp Eri	0.45300	24000.	102	18694	No
14	GOM_NL__2PRFIN20050927_011930_000000422041_00103_18694_7114.N1	27-SEP-2005 01:19:30	Straylight	41.500	84	Alp Phe	2.3970	4500.0	83	18694	No
15	GOM_NL__2PRFIN20050927_012417_000000462041_00103_18694_7115.N1	27-SEP-2005 01:24:17	Straylight	45.500	18	24Alp PsA	1.1660	9700.0	91	18694	No
16	GOM_NL__2PRFIN20050927_013257_000000382041_00103_18694_7116.N1	27-SEP-2005 01:32:57	Bright	38.000	162	34Alp Aqr	2.9440	5350.0	76	18694	No
17	GOM_NL__2PRFIN20050927_013652_000000372041_00103_18694_7117.N1	27-SEP-2005 01:36:52	Bright	36.500	90	54Alp Peg	2.4870	11000.	73	18694	No
18	GOM_NL__2PRFIN20050927_014033_000000392041_00103_18694_7118.N1	27-SEP-2005 01:40:33	Bright	39.000	93	53Bet Peg	2.5200	3100.0	78	18694	No
19	GOM_NL__2PRFIN20050927_015035_000000372041_00103_18694_7119.N1	27-SEP-2005 01:50:35	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	18694	No
20	GOM_NL__2PRFIN20050927_015755_000000362041_00103_18694_7120.N1	27-SEP-2005 01:57:55	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	18694	No
21	GOM_NL__2PRFIN20050927_015941_000000382041_00103_18694_7121.N1	27-SEP-2005 01:59:41	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	18694	No
22	GOM_NL__2PRFIN20050927_020544_000000372041_00103_18694_7122.N1	27-SEP-2005 02:05:44	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	18694	No
23	GOM_NL__2PRFIN20050927_020713_000000352041_00103_18694_7123.N1	27-SEP-2005 02:07:13	Bright	35.000	82	48Bet UMa	2.3650	10600.	70	18694	No
24	GOM_NL__2PRFIN20050927_021024_000000342041_00103_18694_7124.N1	27-SEP-2005 02:10:24	Bright	33.500	174	52Psi UMa	3.0040	4400.0	67	18694	No
25	GOM_NL__2PRFIN20050927_021703_000000342041_00103_18694_7125.N1	27-SEP-2005 02:17:03	Bright	34.000	166	17Eps Leo	2.9800	6000.0	68	18694	No
26	GOM_NL__2PRFIN20050927_022627_000000392041_00103_18694_7126.N1	27-SEP-2005 02:26:27	Twilight	38.500	48	30Alp Hya	1.9770	4100.0	77	18694	No
27	GOM_NL__2PRFIN20050927_023608_000000492041_00103_18694_7127.N1	27-SEP-2005 02:36:08	Dark	48.500	65	Lam Vel	2.2040	4400.0	97	18694	No
28	GOM_NL__2PRFIN20050927_023926_000000412041_00103_18694_7128.N1	27-SEP-2005 02:39:26	Dark	40.500	46	Del Vel	1.9540	10600.	81	18694	No
29	GOM_NL__2PRFIN20050927_024101_000000472041_00103_18694_7129.N1	27-SEP-2005 02:41:01	Dark	46.500	41	Eps Car	1.8600	4100.0	93	18694	No
30	GOM_NL__2PRFIN20050927_025311_000000392041_00104_18695_7112.N1	27-SEP-2005 02:53:11	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	18695	No
31	GOM_NL__2PRFIN20050927_025439_000000422041_00104_18695_7113.N1	27-SEP-2005 02:54:39	Dark	42.000	9	Alp Eri	0.45300	24000.	84	18695	No
32	GOM_NL__2PRFIN20050927_030007_000000462041_00104_18695_7114.N1	27-SEP-2005 03:00:07	Straylight	46.000	84	Alp Phe	2.3970	4500.0	92	18695	No
33	GOM_NL__2PRFIN20050927_030453_000000442041_00104_18695_7115.N1	27-SEP-2005 03:04:53	Straylight	43.500	18	24Alp PsA	1.1660	9700.0	87	18695	No
34	GOM_NL__2PRFIN20050927_031333_000000382041_00104_18695_7116.N1	27-SEP-2005 03:13:33	Bright	37.500	162	34Alp Aqr	2.9440	5350.0	75	18695	No
35	GOM_NL__2PRFIN20050927_031728_000000372041_00104_18695_7117.N1	27-SEP-2005 03:17:28	Bright	37.000	90	54Alp Peg	2.4870	11000.	74	18695	No
36	GOM_NL__2PRFIN20050927_032109_000000352041_00104_18695_7118.N1	27-SEP-2005 03:21:09	Bright	35.000	93	53Bet Peg	2.5200	3100.0	70	18695	No
37	GOM_NL__2PRFIN20050927_033111_000000352041_00104_18695_7119.N1	27-SEP-2005 03:31:11	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	18695	No
38	GOM_NL__2PRFIN20050927_033831_000000362041_00104_18695_7120.N1	27-SEP-2005 03:38:31	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	18695	No
39	GOM_NL__2PRFIN20050927_034018_000000332041_00104_18695_7121.N1	27-SEP-2005 03:40:18	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	18695	No
40	GOM_NL__2PRFIN20050927_034620_000000372041_00104_18695_7122.N1	27-SEP-2005 03:46:20	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	18695	No
41	GOM_NL__2PRFIN20050927_034749_000000522041_00104_18695_7123.N1	27-SEP-2005 03:47:49	Bright	52.000	82	48Bet UMa	2.3650	10600.	104	18695	No
42	GOM_NL__2PRFIN20050927_035100_000000332041_00104_18695_7124.N1	27-SEP-2005 03:51:00	Bright	32.500	174	52Psi UMa	3.0040	4400.0	65	18695	No

43	GOM_NL__2PRFIN20050927_035739_000000352041_00104_18695_7125.N1	27-SEP-2005 03:57:39	Bright	35.000	166	17Eps Leo	2.9800	6000.0	70	18695	No
44	GOM_NL__2PRFIN20050927_040703_000000392041_00104_18695_7126.N1	27-SEP-2005 04:07:03	Twilight	39.000	48	30Alp Hya	1.9770	4100.0	78	18695	No
45	GOM_NL__2PRFIN20050927_041644_000000452041_00104_18695_7127.N1	27-SEP-2005 04:16:44	Dark	44.500	65	Lam Vel	2.2040	4400.0	89	18695	No
46	GOM_NL__2PRFIN20050927_042002_000000382041_00104_18695_7128.N1	27-SEP-2005 04:20:02	Dark	37.500	46	Del Vel	1.9540	10600.	75	18695	No
47	GOM_NL__2PRFIN20050927_042137_000000482041_00104_18695_7129.N1	27-SEP-2005 04:21:37	Dark	48.000	41	Eps Car	1.8600	4100.0	96	18695	No
48	GOM_NL__2PRFIN20050927_043348_000000402041_00105_18696_7113.N1	27-SEP-2005 04:33:48	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	18696	No
49	GOM_NL__2PRFIN20050927_043515_000000422041_00105_18696_7114.N1	27-SEP-2005 04:35:15	Dark	42.000	9	Alp Eri	0.45300	24000.	84	18696	No
50	GOM_NL__2PRFIN20050927_044043_000000422041_00105_18696_7115.N1	27-SEP-2005 04:40:43	Straylight	41.500	84	Alp Phe	2.3970	4500.0	83	18696	No
51	GOM_NL__2PRFIN20050927_044529_000000442041_00105_18696_7116.N1	27-SEP-2005 04:45:29	Straylight	43.500	18	24Alp PsA	1.1660	9700.0	87	18696	No
52	GOM_NL__2PRFIN20050927_045409_000000382041_00105_18696_7117.N1	27-SEP-2005 04:54:09	Bright	37.500	162	34Alp Aqr	2.9440	5350.0	75	18696	No
53	GOM_NL__2PRFIN20050927_045804_000000372041_00105_18696_7118.N1	27-SEP-2005 04:58:04	Bright	36.500	90	54Alp Peg	2.4870	11000.	73	18696	No
54	GOM_NL__2PRFIN20050927_050145_000000372041_00105_18696_7119.N1	27-SEP-2005 05:01:45	Bright	36.500	93	53Bet Peg	2.5200	3100.0	73	18696	No
55	GOM_NL__2PRFIN20050927_051147_000000362041_00105_18696_7120.N1	27-SEP-2005 05:11:47	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	18696	No
56	GOM_NL__2PRFIN20050927_051907_000000362041_00105_18696_7121.N1	27-SEP-2005 05:19:07	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	18696	No
57	GOM_NL__2PRFIN20050927_052054_000000352041_00105_18696_7122.N1	27-SEP-2005 05:20:54	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	18696	No
58	GOM_NL__2PRFIN20050927_052656_000000372041_00105_18696_7123.N1	27-SEP-2005 05:26:56	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	18696	No
59	GOM_NL__2PRFIN20050927_052826_000000522041_00105_18696_7124.N1	27-SEP-2005 05:28:26	Bright	52.000	82	48Bet UMa	2.3650	10600.	104	18696	No
60	GOM_NL__2PRFIN20050927_053136_000000332041_00105_18696_7125.N1	27-SEP-2005 05:31:36	Bright	32.500	174	52Psi UMa	3.0040	4400.0	65	18696	No
61	GOM_NL__2PRFIN20050927_053815_000000342041_00105_18696_7126.N1	27-SEP-2005 05:38:15	Bright	34.000	166	17Eps Leo	2.9800	6000.0	68	18696	No
62	GOM_NL__2PRFIN20050927_054739_000000462041_00105_18696_7127.N1	27-SEP-2005 05:47:39	Twilight	46.000	48	30Alp Hya	1.9770	4100.0	92	18696	No
63	GOM_NL__2PRFIN20050927_055720_000000422041_00105_18696_7128.N1	27-SEP-2005 05:57:20	Dark	42.000	65	Lam Vel	2.2040	4400.0	84	18696	No
64	GOM_NL__2PRFIN20050927_060039_000000412041_00105_18696_7129.N1	27-SEP-2005 06:00:39	Dark	41.000	46	Del Vel	1.9540	10600.	82	18696	No
65	GOM_NL__2PRFIN20050927_060214_000000422041_00105_18696_7130.N1	27-SEP-2005 06:02:14	Dark	42.000	41	Eps Car	1.8600	4100.0	84	18696	No
66	GOM_NL__2PRFIN20050927_061424_000000382041_00106_18697_7114.N1	27-SEP-2005 06:14:24	Dark	38.000	143	Alp Hyi	2.8570	7200.0	76	18697	No
67	GOM_NL__2PRFIN20050927_061552_000000412041_00106_18697_7115.N1	27-SEP-2005 06:15:52	Dark	40.500	9	Alp Eri	0.45300	24000.	81	18697	No
68	GOM_NL__2PRFIN20050927_062119_000000452041_00106_18697_7116.N1	27-SEP-2005 06:21:19	Straylight	44.500	84	Alp Phe	2.3970	4500.0	89	18697	No
69	GOM_NL__2PRFIN20050927_062605_000000412041_00106_18697_7117.N1	27-SEP-2005 06:26:05	Straylight	41.000	18	24Alp PsA	1.1660	9700.0	82	18697	No
70	GOM_NL__2PRFIN20050927_063445_000000372041_00106_18697_7118.N1	27-SEP-2005 06:34:45	Bright	36.500	162	34Alp Aqr	2.9440	5350.0	73	18697	No
71	GOM_NL__2PRFIN20050927_063840_000000372041_00106_18697_7119.N1	27-SEP-2005 06:38:40	Bright	37.000	90	54Alp Peg	2.4870	11000.	74	18697	No
72	GOM_NL__2PRFIN20050927_064221_000000372041_00106_18697_7120.N1	27-SEP-2005 06:42:21	Bright	37.000	93	53Bet Peg	2.5200	3100.0	74	18697	No
73	GOM_NL__2PRFIN20050927_065223_000000362041_00106_18697_7121.N1	27-SEP-2005 06:52:23	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	18697	No
74	GOM_NL__2PRFIN20050927_065943_000000362041_00106_18697_7122.N1	27-SEP-2005 06:59:43	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	18697	No
75	GOM_NL__2PRFIN20050927_070130_000000362041_00106_18697_7123.N1	27-SEP-2005 07:01:30	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	18697	No
76	GOM_NL__2PRFIN20050927_070732_000000362041_00106_18697_7124.N1	27-SEP-2005 07:07:32	Bright	35.500	36	50Alp UMa	1.8000	6300.0	71	18697	No
77	GOM_NL__2PRFIN20050927_070902_000000322041_00106_18697_7125.N1	27-SEP-2005 07:09:02	Bright	32.000	82	48Bet UMa	2.3650	10600.	64	18697	No
78	GOM_NL__2PRFIN20050927_071213_000000342041_00106_18697_7126.N1	27-SEP-2005 07:12:13	Bright	33.500	174	52Psi UMa	3.0040	4400.0	67	18697	No
79	GOM_NL__2PRFIN20050927_071851_000000352041_00106_18697_7127.N1	27-SEP-2005 07:18:51	Bright	34.500	166	17Eps Leo	2.9800	6000.0	69	18697	No
80	GOM_NL__2PRFIN20050927_072816_000000462041_00106_18697_7128.N1	27-SEP-2005 07:28:16	Twilight	45.500	48	30Alp Hya	1.9770	4100.0	91	18697	No
81	GOM_NL__2PRFIN20050927_073757_000000462041_00106_18697_7129.N1	27-SEP-2005 07:37:57	Dark	46.000	65	Lam Vel	2.2040	4400.0	92	18697	No
82	GOM_NL__2PRFIN20050927_074115_000000412041_00106_18697_7130.N1	27-SEP-2005 07:41:15	Dark	40.500	46	Del Vel	1.9540	10600.	81	18697	No
83	GOM_NL__2PRFIN20050927_074250_000000432041_00106_18697_7131.N1	27-SEP-2005 07:42:50	Dark	43.000	41	Eps Car	1.8600	4100.0	86	18697	No
84	GOM_NL__2PRFIN20050927_075501_000000392041_00107_18698_7114.N1	27-SEP-2005 07:55:01	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	18698	No
85	GOM_NL__2PRFIN20050927_075628_000000502041_00107_18698_7115.N1	27-SEP-2005 07:56:28	Dark	50.000	9	Alp Eri	0.45300	24000.	100	18698	No
86	GOM_NL__2PRFIN20050927_080155_000000412041_00107_18698_7116.N1	27-SEP-2005 08:01:55	Straylight	41.000	84	Alp Phe	2.3970	4500.0	82	18698	No
87	GOM_NL__2PRFIN20050927_080641_000000442041_00107_18698_7117.N1	27-SEP-2005 08:06:41	Straylight	43.500	18	24Alp PsA	1.1660	9700.0	87	18698	No
88	GOM_NL__2PRFIN20050927_081521_000000372041_00107_18698_7118.N1	27-SEP-2005 08:15:21	Bright	37.000	162	34Alp Aqr	2.9440	5350.0	74	18698	No
89	GOM_NL__2PRFIN20050927_081916_000000372041_00107_18698_7119.N1	27-SEP-2005 08:19:16	Bright	36.500	90	54Alp Peg	2.4870	11000.	73	18698	No
90	GOM_NL__2PRFIN20050927_082257_000000392041_00107_18698_7120.N1	27-SEP-2005 08:22:57	Bright	38.500	93	53Bet Peg	2.5200	3100.0	77	18698	No
91	GOM_NL__2PRFIN20050927_083300_000000352041_00107_18698_7121.N1	27-SEP-2005 08:33:00	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	18698	No
92	GOM_NL__2PRFIN20050927_084019_000000362041_00107_18698_7122.N1	27-SEP-2005 08:40:19	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	18698	No
93	GOM_NL__2PRFIN20050927_084206_000000352041_00107_18698_7123.N1	27-SEP-2005 08:42:06	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	18698	No
94	GOM_NL__2PRFIN20050927_084808_000000372041_00107_18698_7124.N1	27-SEP-2005 08:48:08	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	18698	No
95	GOM_NL__2PRFIN20050927_084938_000000362041_00107_18698_7125.N1	27-SEP-2005 08:49:38	Bright	35.500	82	48Bet UMa	2.3650	10600.	71	18698	No
96	GOM_NL__2PRFIN20050927_085249_000000342041_00107_18698_7126.N1	27-SEP-2005 08:52:49	Bright	33.500	174	52Psi UMa	3.0040	4400.0	67	18698	No
97	GOM_NL__2PRFIN20050927_085927_000000342041_00107_18698_7127.N1	27-SEP-2005 08:59:27	Bright	33.500	166	17Eps Leo	2.9800	6000.0	67	18698	No
98	GOM_NL__2PRFIN20050927_090852_000000462041_00107_18698_7128.N1	27-SEP-2005 09:08:52	Twilight	46.000	48	30Alp Hya	1.9770	4100.0	92	18698	No
99	GOM_NL__2PRFIN20050927_091833_000000452041_00107_18698_7129.N1	27-SEP-2005 09:18:33	Dark	44.500	65	Lam Vel	2.2040	4400.0	89	18698	No
100	GOM_NL__2PRFIN20050927_092151_000000382041_00107_18698_7130.N1	27-SEP-2005 09:21:51	Dark	38.000	46	Del Vel	1.9540	10600.	76	18698	No
101	GOM_NL__2PRFIN20050927_092326_000000422041_00107_18698_7131.N1	27-SEP-2005 09:23:26	Dark	41.500	41	Eps Car	1.8600	4100.0	83	18698	No

102	GOM_NL__2PRFIN20050927_093537_000000402041_00108_18699_7114.N1	27-SEP-2005 09:35:37	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	18699	No
103	GOM_NL__2PRFIN20050927_093704_000000472041_00108_18699_7115.N1	27-SEP-2005 09:37:04	Dark	46.500	9	Alp Eri	0.45300	24000.	93	18699	No
104	GOM_NL__2PRFIN20050927_094232_000000402041_00108_18699_7116.N1	27-SEP-2005 09:42:32	Straylight	40.000	84	Alp Phe	2.3970	4500.0	80	18699	No
105	GOM_NL__2PRFIN20050927_094717_000000432041_00108_18699_7117.N1	27-SEP-2005 09:47:17	Straylight	43.000	18	24Alp PsA	1.1660	9700.0	86	18699	No
106	GOM_NL__2PRFIN20050927_095557_000000382041_00108_18699_7118.N1	27-SEP-2005 09:55:57	Bright	37.500	162	34Alp Aqr	2.9440	5350.0	75	18699	No
107	GOM_NL__2PRFIN20050927_095952_000000362041_00108_18699_7119.N1	27-SEP-2005 09:59:52	Bright	36.000	90	54Alp Peg	2.4870	11000.	72	18699	No
108	GOM_NL__2PRFIN20050927_100333_000000392041_00108_18699_7120.N1	27-SEP-2005 10:03:33	Bright	39.000	93	53Bet Peg	2.5200	3100.0	78	18699	No
109	GOM_NL__2PRFIN20050927_101336_000000332041_00108_18699_7121.N1	27-SEP-2005 10:13:36	Bright	33.000	89	5Alp Cep	2.4510	8000.0	66	18699	No
110	GOM_NL__2PRFIN20050927_102054_000000362041_00108_18699_7122.N1	27-SEP-2005 10:20:54	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	18699	No
111	GOM_NL__2PRFIN20050927_102242_000000362041_00108_18699_7123.N1	27-SEP-2005 10:22:42	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	18699	No
112	GOM_NL__2PRFIN20050927_102844_000000362041_00108_18699_7124.N1	27-SEP-2005 10:28:44	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	18699	No
113	GOM_NL__2PRFIN20050927_103014_000000352041_00108_18699_7125.N1	27-SEP-2005 10:30:14	Bright	34.500	82	48Bet UMa	2.3650	10600.	69	18699	No
114	GOM_NL__2PRFIN20050927_103325_000000322041_00108_18699_7126.N1	27-SEP-2005 10:33:25	Bright	32.000	174	52Psi UMa	3.0040	4400.0	64	18699	No
115	GOM_NL__2PRFIN20050927_104003_000000342041_00108_18699_7127.N1	27-SEP-2005 10:40:03	Bright	33.500	166	17Eps Leo	2.9800	6000.0	67	18699	No
116	GOM_NL__2PRFIN20050927_104928_000000502041_00108_18699_7128.N1	27-SEP-2005 10:49:28	Twilight	49.500	48	30Alp Hya	1.9770	4100.0	99	18699	No
117	GOM_NL__2PRFIN20050927_105909_000000442041_00108_18699_7129.N1	27-SEP-2005 10:59:09	Dark	44.000	65	Lam Vel	2.2040	4400.0	88	18699	No
118	GOM_NL__2PRFIN20050927_110227_000000392041_00108_18699_7130.N1	27-SEP-2005 11:02:27	Dark	39.000	46	Del Vel	1.9540	10600.	78	18699	No
119	GOM_NL__2PRFIN20050927_110402_000000392041_00108_18699_7131.N1	27-SEP-2005 11:04:02	Dark	39.000	41	Eps Car	1.8600	4100.0	78	18699	No
120	GOM_NL__2PRFIN20050927_111613_000000402041_00109_18700_7114.N1	27-SEP-2005 11:16:13	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	18700	No
121	GOM_NL__2PRFIN20050927_111741_000000522041_00109_18700_7115.N1	27-SEP-2005 11:17:41	Dark	52.000	9	Alp Eri	0.45300	24000.	104	18700	No
122	GOM_NL__2PRFIN20050927_112308_000000412041_00109_18700_7116.N1	27-SEP-2005 11:23:08	Straylight	40.500	84	Alp Phe	2.3970	4500.0	81	18700	No
123	GOM_NL__2PRFIN20050927_112753_000000422041_00109_18700_7117.N1	27-SEP-2005 11:27:53	Straylight	41.500	18	24Alp PsA	1.1660	9700.0	83	18700	No
124	GOM_NL__2PRFIN20050927_113634_000000362041_00109_18700_7118.N1	27-SEP-2005 11:36:34	Bright	36.000	162	34Alp Aqr	2.9440	5350.0	72	18700	No
125	GOM_NL__2PRFIN20050927_114028_000000372041_00109_18700_7119.N1	27-SEP-2005 11:40:28	Bright	36.500	90	54Alp Peg	2.4870	11000.	73	18700	No
126	GOM_NL__2PRFIN20050927_114408_000000372041_00109_18700_7120.N1	27-SEP-2005 11:44:08	Bright	36.500	93	53Bet Peg	2.5200	3100.0	73	18700	No
127	GOM_NL__2PRFIN20050927_115412_000000362041_00109_18700_7121.N1	27-SEP-2005 11:54:12	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	18700	No
128	GOM_NL__2PRFIN20050927_120130_000000372041_00109_18700_7122.N1	27-SEP-2005 12:01:30	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	18700	No
129	GOM_NL__2PRFIN20050927_120319_000000372041_00109_18700_7123.N1	27-SEP-2005 12:03:19	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	18700	No
130	GOM_NL__2PRFIN20050927_120920_000000352041_00109_18700_7124.N1	27-SEP-2005 12:09:20	Bright	35.000	36	50Alp UMa	1.8000	6300.0	70	18700	No
131	GOM_NL__2PRFIN20050927_121050_000000342041_00109_18700_7125.N1	27-SEP-2005 12:10:50	Bright	34.000	82	48Bet UMa	2.3650	10600.	68	18700	No
132	GOM_NL__2PRFIN20050927_121401_000000332041_00109_18700_7126.N1	27-SEP-2005 12:14:01	Bright	33.000	174	52Psi UMa	3.0040	4400.0	66	18700	No
133	GOM_NL__2PRFIN20050927_122039_000000332041_00109_18700_7127.N1	27-SEP-2005 12:20:39	Bright	33.000	166	17Eps Leo	2.9800	6000.0	66	18700	No
134	GOM_NL__2PRFIN20050927_123004_000000512041_00109_18700_7128.N1	27-SEP-2005 12:30:04	Twilight	50.500	48	30Alp Hya	1.9770	4100.0	101	18700	No
135	GOM_NL__2PRFIN20050927_123945_000000482041_00109_18700_7129.N1	27-SEP-2005 12:39:45	Dark	47.500	65	Lam Vel	2.2040	4400.0	95	18700	No
136	GOM_NL__2PRFIN20050927_124304_000000382041_00109_18700_7130.N1	27-SEP-2005 12:43:04	Dark	37.500	46	Del Vel	1.9540	10600.	75	18700	No
137	GOM_NL__2PRFIN20050927_125649_000000402041_00110_18701_7114.N1	27-SEP-2005 12:56:49	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	18701	No
138	GOM_NL__2PRFIN20050927_125817_000000422041_00110_18701_7115.N1	27-SEP-2005 12:58:17	Dark	41.500	9	Alp Eri	0.45300	24000.	83	18701	No
139	GOM_NL__2PRFIN20050927_130344_000000442041_00110_18701_7116.N1	27-SEP-2005 13:03:44	Straylight	43.500	84	Alp Phe	2.3970	4500.0	87	18701	No
140	GOM_NL__2PRFIN20050927_130829_000000422041_00110_18701_7117.N1	27-SEP-2005 13:08:29	Straylight	42.000	18	24Alp PsA	1.1660	9700.0	84	18701	No
141	GOM_NL__2PRFIN20050927_131710_000000382041_00110_18701_7118.N1	27-SEP-2005 13:17:10	Bright	37.500	162	34Alp Aqr	2.9440	5350.0	75	18701	No
142	GOM_NL__2PRFIN20050927_132103_000000362041_00110_18701_7119.N1	27-SEP-2005 13:21:03	Bright	36.000	90	54Alp Peg	2.4870	11000.	72	18701	No
143	GOM_NL__2PRFIN20050927_132444_000000392041_00110_18701_7120.N1	27-SEP-2005 13:24:44	Bright	39.000	93	53Bet Peg	2.5200	3100.0	78	18701	No
144	GOM_NL__2PRFIN20050927_133448_000000372041_00110_18701_7121.N1	27-SEP-2005 13:34:48	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	18701	No
145	GOM_NL__2PRFIN20050927_134206_000000342041_00110_18701_7122.N1	27-SEP-2005 13:42:06	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	18701	No
146	GOM_NL__2PRFIN20050927_134355_000000372041_00110_18701_7123.N1	27-SEP-2005 13:43:55	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	18701	No
147	GOM_NL__2PRFIN20050927_134957_000000362041_00110_18701_7124.N1	27-SEP-2005 13:49:57	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	18701	No
148	GOM_NL__2PRFIN20050927_135126_000000412041_00110_18701_7125.N1	27-SEP-2005 13:51:26	Bright	40.500	82	48Bet UMa	2.3650	10600.	81	18701	No
149	GOM_NL__2PRFIN20050927_135437_000000332041_00110_18701_7126.N1	27-SEP-2005 13:54:37	Bright	33.000	174	52Psi UMa	3.0040	4400.0	66	18701	No
150	GOM_NL__2PRFIN20050927_140115_000000352041_00110_18701_7127.N1	27-SEP-2005 14:01:15	Bright	34.500	166	17Eps Leo	2.9800	6000.0	69	18701	No
151	GOM_NL__2PRFIN20050927_141041_000000522041_00110_18701_7128.N1	27-SEP-2005 14:10:41	Twilight	52.000	48	30Alp Hya	1.9770	4100.0	104	18701	No
152	GOM_NL__2PRFIN20050927_142022_000000462041_00110_18701_7129.N1	27-SEP-2005 14:20:22	Dark	46.000	65	Lam Vel	2.2040	4400.0	92	18701	No
153	GOM_NL__2PRFIN20050927_142340_000000422041_00110_18701_7130.N1	27-SEP-2005 14:23:40	Dark	41.500	46	Del Vel	1.9540	10600.	83	18701	No
154	GOM_NL__2PRFIN20050927_143726_000000422041_00111_18702_7114.N1	27-SEP-2005 14:37:26	Dark	42.000	143	Alp Hyi	2.8570	7200.0	84	18702	No
155	GOM_NL__2PRFIN20050927_143853_000000502041_00111_18702_7115.N1	27-SEP-2005 14:38:53	Dark	49.500	9	Alp Eri	0.45300	24000.	99	18702	No
156	GOM_NL__2PRFIN20050927_144420_000000392041_00111_18702_7116.N1	27-SEP-2005 14:44:20	Straylight	38.500	84	Alp Phe	2.3970	4500.0	77	18702	No
157	GOM_NL__2PRFIN20050927_144905_000000452041_00111_18702_7117.N1	27-SEP-2005 14:49:05	Straylight	44.500	18	24Alp PsA	1.1660	9700.0	89	18702	No
158	GOM_NL__2PRFIN20050927_145746_000000382041_00111_18702_7118.N1	27-SEP-2005 14:57:46	Bright	37.500	162	34Alp Aqr	2.9440	5350.0	75	18702	No
159	GOM_NL__2PRFIN20050927_150139_000000362041_00111_18702_7119.N1	27-SEP-2005 15:01:39	Bright	36.000	90	54Alp Peg	2.4870	11000.	72	18702	No
160	GOM_NL__2PRFIN20050927_150520_000000372041_00111_18702_7120.N1	27-SEP-2005 15:05:20	Bright	37.000	93	53Bet Peg	2.5200	3100.0	74	18702	No

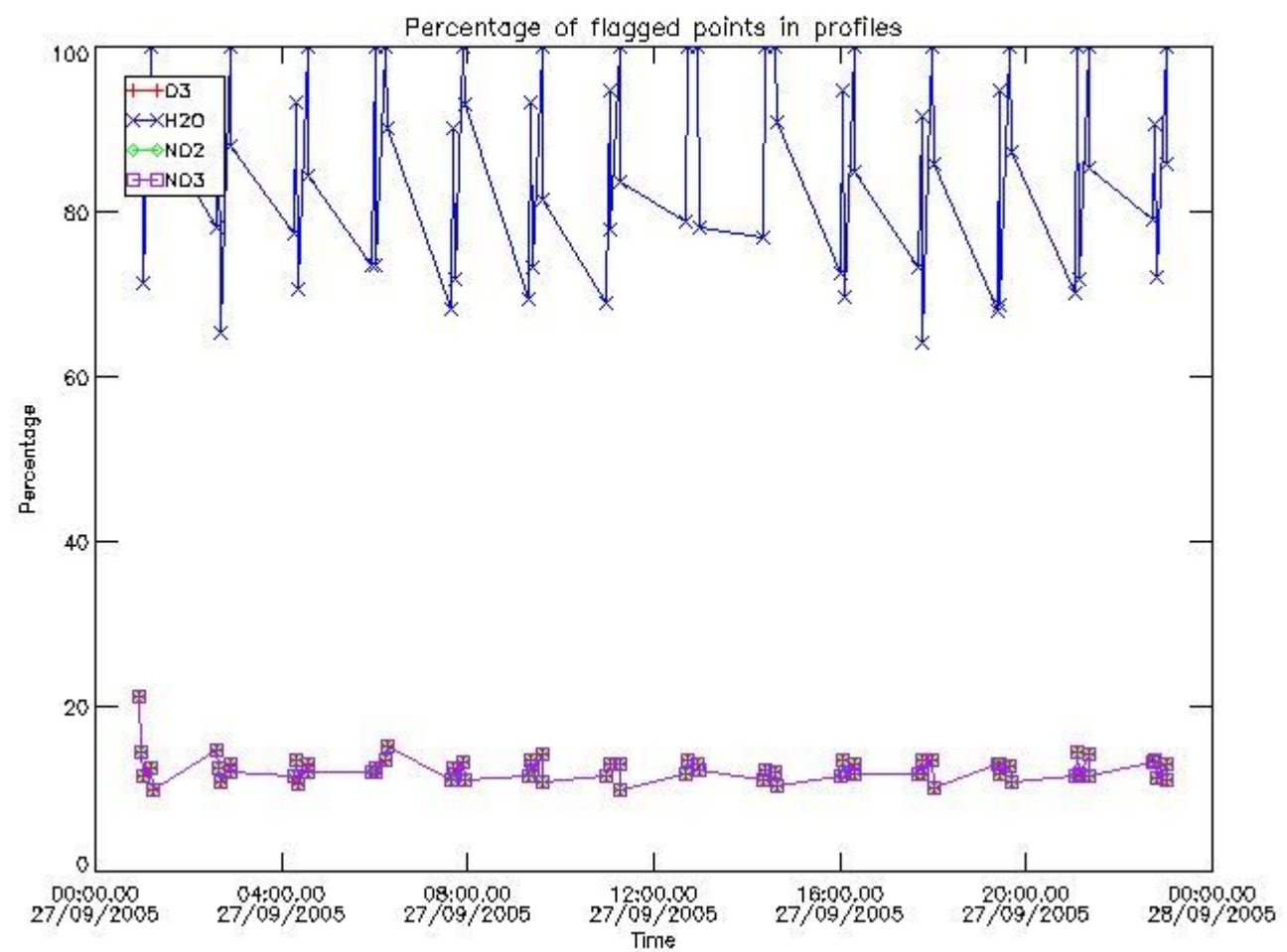
161	GOM_NL__2PRFIN20050927_151524_000000362041_00111_18702_7121.N1	27-SEP-2005 15:15:24	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	18702	No
162	GOM_NL__2PRFIN20050927_152242_000000352041_00111_18702_7122.N1	27-SEP-2005 15:22:42	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	18702	No
163	GOM_NL__2PRFIN20050927_152431_000000342041_00111_18702_7123.N1	27-SEP-2005 15:24:31	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	18702	No
164	GOM_NL__2PRFIN20050927_153033_000000372041_00111_18702_7124.N1	27-SEP-2005 15:30:33	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	18702	No
165	GOM_NL__2PRFIN20050927_153202_000000362041_00111_18702_7125.N1	27-SEP-2005 15:32:02	Bright	35.500	82	48Bet UMa	2.3650	10600.	71	18702	No
166	GOM_NL__2PRFIN20050927_153513_000000352041_00111_18702_7126.N1	27-SEP-2005 15:35:13	Bright	35.000	174	52Psi UMa	3.0040	4400.0	70	18702	No
167	GOM_NL__2PRFIN20050927_154152_000000342041_00111_18702_7127.N1	27-SEP-2005 15:41:52	Bright	34.000	166	17Eps Leo	2.9800	6000.0	68	18702	No
168	GOM_NL__2PRFIN20050927_155117_000000512041_00111_18702_7128.N1	27-SEP-2005 15:51:17	Twilight	50.500	48	30Alp Hya	1.9770	4100.0	101	18702	No
169	GOM_NL__2PRFIN20050927_160058_000000442041_00111_18702_7129.N1	27-SEP-2005 16:00:58	Dark	44.000	65	Lam Vel	2.2040	4400.0	88	18702	No
170	GOM_NL__2PRFIN20050927_160416_000000382041_00111_18702_7130.N1	27-SEP-2005 16:04:16	Dark	38.000	46	Del Vel	1.9540	10600.	76	18702	No
171	GOM_NL__2PRFIN20050927_160551_000000472041_00111_18702_7131.N1	27-SEP-2005 16:05:51	Dark	46.500	41	Eps Car	1.8600	4100.0	93	18702	No
172	GOM_NL__2PRFIN20050927_161802_000000392041_00112_18703_7114.N1	27-SEP-2005 16:18:02	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	18703	No
173	GOM_NL__2PRFIN20050927_161930_000000432041_00112_18703_7115.N1	27-SEP-2005 16:19:30	Dark	42.500	9	Alp Eri	0.45300	24000.	85	18703	No
174	GOM_NL__2PRFIN20050927_162456_000000452041_00112_18703_7116.N1	27-SEP-2005 16:24:56	Straylight	45.000	84	Alp Phe	2.3970	4500.0	90	18703	No
175	GOM_NL__2PRFIN20050927_162942_000000412041_00112_18703_7117.N1	27-SEP-2005 16:29:42	Straylight	41.000	18	24Alp PsA	1.1660	9700.0	82	18703	No
176	GOM_NL__2PRFIN20050927_163822_000000382041_00112_18703_7118.N1	27-SEP-2005 16:38:22	Bright	38.000	162	34Alp Aqr	2.9440	5350.0	76	18703	No
177	GOM_NL__2PRFIN20050927_164215_000000372041_00112_18703_7119.N1	27-SEP-2005 16:42:15	Bright	36.500	90	54Alp Peg	2.4870	11000.	73	18703	No
178	GOM_NL__2PRFIN20050927_164556_000000372041_00112_18703_7120.N1	27-SEP-2005 16:45:56	Bright	36.500	93	53Bet Peg	2.5200	3100.0	73	18703	No
179	GOM_NL__2PRFIN20050927_165600_000000362041_00112_18703_7121.N1	27-SEP-2005 16:56:00	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	18703	No
180	GOM_NL__2PRFIN20050927_170318_000000352041_00112_18703_7122.N1	27-SEP-2005 17:03:18	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	18703	No
181	GOM_NL__2PRFIN20050927_170507_000000372041_00112_18703_7123.N1	27-SEP-2005 17:05:07	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	18703	No
182	GOM_NL__2PRFIN20050927_171109_000000342041_00112_18703_7124.N1	27-SEP-2005 17:11:09	Bright	33.500	36	50Alp UMa	1.8000	6300.0	67	18703	No
183	GOM_NL__2PRFIN20050927_171238_000000332041_00112_18703_7125.N1	27-SEP-2005 17:12:38	Bright	33.000	82	48Bet UMa	2.3650	10600.	66	18703	No
184	GOM_NL__2PRFIN20050927_171549_000000352041_00112_18703_7126.N1	27-SEP-2005 17:15:49	Bright	34.500	174	52Psi UMa	3.0040	4400.0	69	18703	No
185	GOM_NL__2PRFIN20050927_172228_000000352041_00112_18703_7127.N1	27-SEP-2005 17:22:28	Bright	34.500	166	17Eps Leo	2.9800	6000.0	69	18703	No
186	GOM_NL__2PRFIN20050927_173153_000000442041_00112_18703_7128.N1	27-SEP-2005 17:31:53	Twilight	44.000	48	30Alp Hya	1.9770	4100.0	88	18703	No
187	GOM_NL__2PRFIN20050927_174134_000000442041_00112_18703_7129.N1	27-SEP-2005 17:41:34	Dark	43.500	65	Lam Vel	2.2040	4400.0	87	18703	No
188	GOM_NL__2PRFIN20050927_174452_000000422041_00112_18703_7130.N1	27-SEP-2005 17:44:52	Dark	41.500	46	Del Vel	1.9540	10600.	83	18703	No
189	GOM_NL__2PRFIN20050927_174628_000000442041_00112_18703_7131.N1	27-SEP-2005 17:46:28	Dark	43.500	41	Eps Car	1.8600	4100.0	87	18703	No
190	GOM_NL__2PRFIN20050927_175839_000000382041_00113_18704_7134.N1	27-SEP-2005 17:58:39	Dark	38.000	143	Alp Hyi	2.8570	7200.0	76	18704	No
191	GOM_NL__2PRFIN20050927_180006_000000502041_00113_18704_7135.N1	27-SEP-2005 18:00:06	Dark	49.500	9	Alp Eri	0.45300	24000.	99	18704	No
192	GOM_NL__2PRFIN20050927_180533_000000452041_00113_18704_7136.N1	27-SEP-2005 18:05:33	Straylight	45.000	84	Alp Phe	2.3970	4500.0	90	18704	No
193	GOM_NL__2PRFIN20050927_181018_000000432041_00113_18704_7137.N1	27-SEP-2005 18:10:18	Straylight	42.500	18	24Alp PsA	1.1660	9700.0	85	18704	No
194	GOM_NL__2PRFIN20050927_181858_000000372041_00113_18704_7138.N1	27-SEP-2005 18:18:58	Bright	36.500	162	34Alp Aqr	2.9440	5350.0	73	18704	No
195	GOM_NL__2PRFIN20050927_182251_000000372041_00113_18704_7139.N1	27-SEP-2005 18:22:51	Bright	37.000	90	54Alp Peg	2.4870	11000.	74	18704	No
196	GOM_NL__2PRFIN20050927_182632_000000392041_00113_18704_7140.N1	27-SEP-2005 18:26:32	Bright	39.000	93	53Bet Peg	2.5200	3100.0	78	18704	No
197	GOM_NL__2PRFIN20050927_183636_000000372041_00113_18704_7141.N1	27-SEP-2005 18:36:36	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	18704	No
198	GOM_NL__2PRFIN20050927_184354_000000372041_00113_18704_7142.N1	27-SEP-2005 18:43:54	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	18704	No
199	GOM_NL__2PRFIN20050927_184544_000000362041_00113_18704_7143.N1	27-SEP-2005 18:45:44	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	18704	No
200	GOM_NL__2PRFIN20050927_185145_000000332041_00113_18704_7144.N1	27-SEP-2005 18:51:45	Bright	33.000	36	50Alp UMa	1.8000	6300.0	66	18704	No
201	GOM_NL__2PRFIN20050927_185314_000000352041_00113_18704_7145.N1	27-SEP-2005 18:53:14	Bright	35.000	82	48Bet UMa	2.3650	10600.	70	18704	No
202	GOM_NL__2PRFIN20050927_185625_000000362041_00113_18704_7146.N1	27-SEP-2005 18:56:25	Bright	35.500	174	52Psi UMa	3.0040	4400.0	71	18704	No
203	GOM_NL__2PRFIN20050927_190304_000000452041_00113_18704_7147.N1	27-SEP-2005 19:03:04	Bright	45.000	166	17Eps Leo	2.9800	6000.0	90	18704	No
204	GOM_NL__2PRFIN20050927_191230_000000442041_00113_18704_7148.N1	27-SEP-2005 19:12:30	Twilight	43.500	48	30Alp Hya	1.9770	4100.0	87	18704	No
205	GOM_NL__2PRFIN20050927_192211_000000402041_00113_18704_7149.N1	27-SEP-2005 19:22:11	Dark	39.500	65	Lam Vel	2.2040	4400.0	79	18704	No
206	GOM_NL__2PRFIN20050927_192529_000000392041_00113_18704_7150.N1	27-SEP-2005 19:25:29	Dark	39.000	46	Del Vel	1.9540	10600.	78	18704	No
207	GOM_NL__2PRFIN20050927_192704_000000442041_00113_18704_7151.N1	27-SEP-2005 19:27:04	Dark	43.500	41	Eps Car	1.8600	4100.0	87	18704	No
208	GOM_NL__2PRFIN20050927_193915_000000402041_00114_18705_7134.N1	27-SEP-2005 19:39:15	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	18705	No
209	GOM_NL__2PRFIN20050927_194043_000000512041_00114_18705_7135.N1	27-SEP-2005 19:40:43	Dark	51.000	9	Alp Eri	0.45300	24000.	102	18705	No
210	GOM_NL__2PRFIN20050927_194609_000000412041_00114_18705_7136.N1	27-SEP-2005 19:46:09	Straylight	41.000	84	Alp Phe	2.3970	4500.0	82	18705	No
211	GOM_NL__2PRFIN20050927_195054_000000432041_00114_18705_7137.N1	27-SEP-2005 19:50:54	Straylight	43.000	18	24Alp PsA	1.1660	9700.0	86	18705	No
212	GOM_NL__2PRFIN20050927_195934_000000372041_00114_18705_7138.N1	27-SEP-2005 19:59:34	Bright	37.000	162	34Alp Aqr	2.9440	5350.0	74	18705	No
213	GOM_NL__2PRFIN20050927_200327_000000362041_00114_18705_7139.N1	27-SEP-2005 20:03:27	Bright	36.000	90	54Alp Peg	2.4870	11000.	72	18705	No
214	GOM_NL__2PRFIN20050927_200708_000000352041_00114_18705_7140.N1	27-SEP-2005 20:07:08	Bright	34.500	93	53Bet Peg	2.5200	3100.0	69	18705	No
215	GOM_NL__2PRFIN20050927_201712_000000362041_00114_18705_7141.N1	27-SEP-2005 20:17:12	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	18705	No
216	GOM_NL__2PRFIN20050927_202430_000000352041_00114_18705_7142.N1	27-SEP-2005 20:24:30	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	18705	No
217	GOM_NL__2PRFIN20050927_202620_000000372041_00114_18705_7143.N1	27-SEP-2005 20:26:20	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	18705	No
218	GOM_NL__2PRFIN20050927_203221_000000372041_00114_18705_7144.N1	27-SEP-2005 20:32:21	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	18705	No
219	GOM_NL__2PRFIN20050927_203350_000000352041_00114_18705_7145.N1	27-SEP-2005 20:33:50	Bright	35.000	82	48Bet UMa	2.3650	10600.	70	18705	No

220	GOM_NL__2PRFIN20050927_203701_000000332041_00114_18705_7146.N1	27-SEP-2005 20:37:01	Bright	33.000	174	52Psi UMa	3.0040	4400.0	66	18705	No
221	GOM_NL__2PRFIN20050927_204340_000000342041_00114_18705_7147.N1	27-SEP-2005 20:43:40	Bright	34.000	166	17Eps Leo	2.9800	6000.0	68	18705	No
222	GOM_NL__2PRFIN20050927_210247_000000442041_00114_18705_7148.N1	27-SEP-2005 21:02:47	Dark	44.000	65	Lam Vel	2.2040	4400.0	88	18705	No
223	GOM_NL__2PRFIN20050927_210605_000000362041_00114_18705_7149.N1	27-SEP-2005 21:06:05	Dark	35.500	46	Del Vel	1.9540	10600.	71	18705	No
224	GOM_NL__2PRFIN20050927_210740_000000432041_00114_18705_7150.N1	27-SEP-2005 21:07:40	Dark	43.000	41	Eps Car	1.8600	4100.0	86	18705	No
225	GOM_NL__2PRFIN20050927_211951_000000402041_00115_18706_7134.N1	27-SEP-2005 21:19:51	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	18706	No
226	GOM_NL__2PRFIN20050927_212119_000000452041_00115_18706_7135.N1	27-SEP-2005 21:21:19	Dark	44.500	9	Alp Eri	0.45300	24000.	89	18706	No
227	GOM_NL__2PRFIN20050927_212645_000000422041_00115_18706_7136.N1	27-SEP-2005 21:26:45	Straylight	42.000	84	Alp Phe	2.3970	4500.0	84	18706	No
228	GOM_NL__2PRFIN20050927_213130_000000442041_00115_18706_7137.N1	27-SEP-2005 21:31:30	Straylight	44.000	18	24Alp PsA	1.1660	9700.0	88	18706	No
229	GOM_NL__2PRFIN20050927_214010_000000372041_00115_18706_7138.N1	27-SEP-2005 21:40:10	Bright	36.500	162	34Alp Aqr	2.9440	5350.0	73	18706	No
230	GOM_NL__2PRFIN20050927_214403_000000362041_00115_18706_7139.N1	27-SEP-2005 21:44:03	Bright	36.000	90	54Alp Peg	2.4870	11000.	72	18706	No
231	GOM_NL__2PRFIN20050927_214744_000000382041_00115_18706_7140.N1	27-SEP-2005 21:47:44	Bright	38.000	93	53Bet Peg	2.5200	3100.0	76	18706	No
232	GOM_NL__2PRFIN20050927_215748_000000372041_00115_18706_7141.N1	27-SEP-2005 21:57:48	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	18706	No
233	GOM_NL__2PRFIN20050927_220506_000000362041_00115_18706_7142.N1	27-SEP-2005 22:05:06	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	18706	No
234	GOM_NL__2PRFIN20050927_220656_000000522041_00115_18706_7143.N1	27-SEP-2005 22:06:56	Bright	52.000	60	7Bet UMi	2.0810	3950.0	104	18706	No
235	GOM_NL__2PRFIN20050927_221257_000000362041_00115_18706_7144.N1	27-SEP-2005 22:12:57	Bright	35.500	36	50Alp UMa	1.8000	6300.0	71	18706	No
236	GOM_NL__2PRFIN20050927_221426_000000352041_00115_18706_7145.N1	27-SEP-2005 22:14:26	Bright	34.500	82	48Bet UMa	2.3650	10600.	69	18706	No
237	GOM_NL__2PRFIN20050927_221738_000000352041_00115_18706_7146.N1	27-SEP-2005 22:17:38	Bright	35.000	174	52Psi UMa	3.0040	4400.0	70	18706	No
238	GOM_NL__2PRFIN20050927_222416_000000342041_00115_18706_7147.N1	27-SEP-2005 22:24:16	Bright	34.000	166	17Eps Leo	2.9800	6000.0	68	18706	No
239	GOM_NL__2PRFIN20050927_223342_000000432041_00115_18706_7148.N1	27-SEP-2005 22:33:42	Twilight	43.000	48	30Alp Hya	1.9770	4100.0	86	18706	No
240	GOM_NL__2PRFIN20050927_224323_000000392041_00115_18706_7149.N1	27-SEP-2005 22:43:23	Dark	38.500	65	Lam Vel	2.2040	4400.0	77	18706	No
241	GOM_NL__2PRFIN20050927_224641_000000382041_00115_18706_7150.N1	27-SEP-2005 22:46:41	Dark	38.000	46	Del Vel	1.9540	10600.	76	18706	No
242	GOM_NL__2PRFIN20050927_224816_000000452041_00115_18706_7151.N1	27-SEP-2005 22:48:16	Dark	45.000	41	Eps Car	1.8600	4100.0	90	18706	No
243	GOM_NL__2PRFIN20050927_230028_000000392041_00116_18707_7134.N1	27-SEP-2005 23:00:28	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	18707	No
244	GOM_NL__2PRFIN20050927_230155_000000462041_00116_18707_7135.N1	27-SEP-2005 23:01:55	Dark	46.000	9	Alp Eri	0.45300	24000.	92	18707	No
245	GOM_NL__2PRFIN20050927_230721_000000402041_00116_18707_7136.N1	27-SEP-2005 23:07:21	Straylight	40.000	84	Alp Phe	2.3970	4500.0	80	18707	No
246	GOM_NL__2PRFIN20050927_231206_000000422041_00116_18707_7137.N1	27-SEP-2005 23:12:06	Straylight	42.000	18	24Alp PsA	1.1660	9700.0	84	18707	No
247	GOM_NL__2PRFIN20050927_232046_000000372041_00116_18707_7138.N1	27-SEP-2005 23:20:46	Bright	37.000	162	34Alp Aqr	2.9440	5350.0	74	18707	No
248	GOM_NL__2PRFIN20050927_232439_000000372041_00116_18707_7139.N1	27-SEP-2005 23:24:39	Bright	36.500	90	54Alp Peg	2.4870	11000.	73	18707	No
249	GOM_NL__2PRFIN20050927_232819_000000392041_00116_18707_7140.N1	27-SEP-2005 23:28:19	Bright	38.500	93	53Bet Peg	2.5200	3100.0	77	18707	No
250	GOM_NL__2PRFIN20050927_233824_000000362041_00116_18707_7141.N1	27-SEP-2005 23:38:24	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	18707	No
251	GOM_NL__2PRFIN20050927_234542_000000332041_00116_18707_7142.N1	27-SEP-2005 23:45:42	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	18707	No
252	GOM_NL__2PRFIN20050927_234732_000000362041_00116_18707_7143.N1	27-SEP-2005 23:47:32	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	18707	No
253	GOM_NL__2PRFIN20050927_235333_000000362041_00116_18707_7144.N1	27-SEP-2005 23:53:33	Bright	35.500	36	50Alp UMa	1.8000	6300.0	71	18707	No
254	GOM_NL__2PRFIN20050927_235502_000000522041_00116_18707_7145.N1	27-SEP-2005 23:55:02	Bright	52.000	82	48Bet UMa	2.3650	10600.	104	18707	No
255	GOM_NL__2PRFIN20050927_235813_000000332041_00116_18707_7146.N1	27-SEP-2005 23:58:13	Bright	32.500	174	52Psi UMa	3.0040	4400.0	65	18707	No

3. Quality information per product

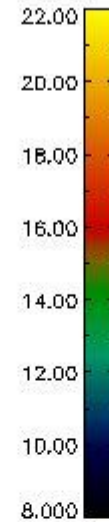
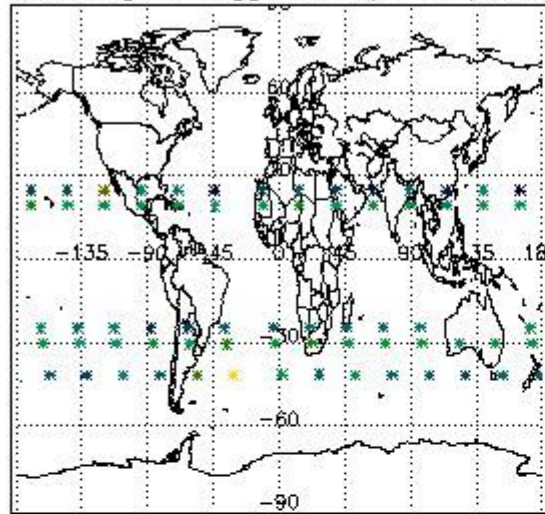
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

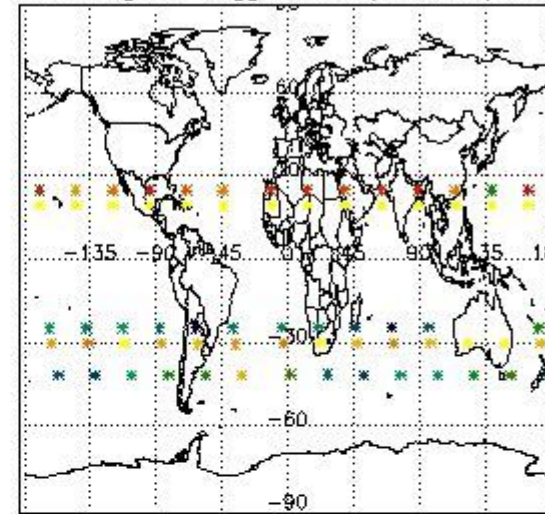


3.2 Plot quality information per product (world map)

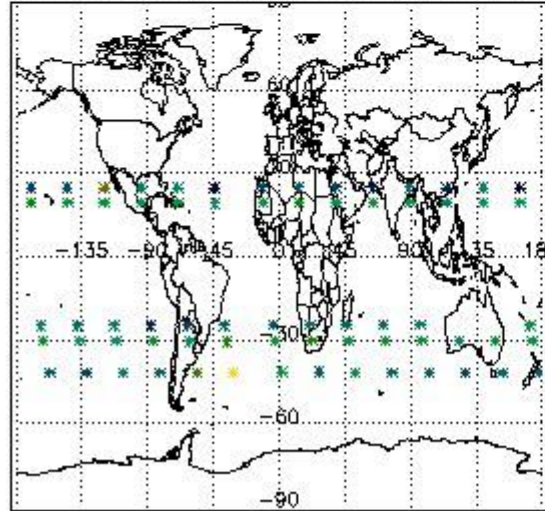
Percentage of flagged data per O3 profile



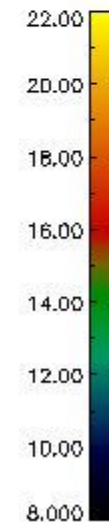
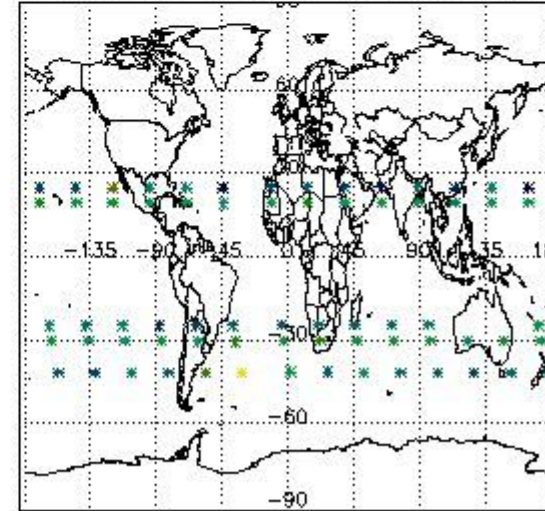
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

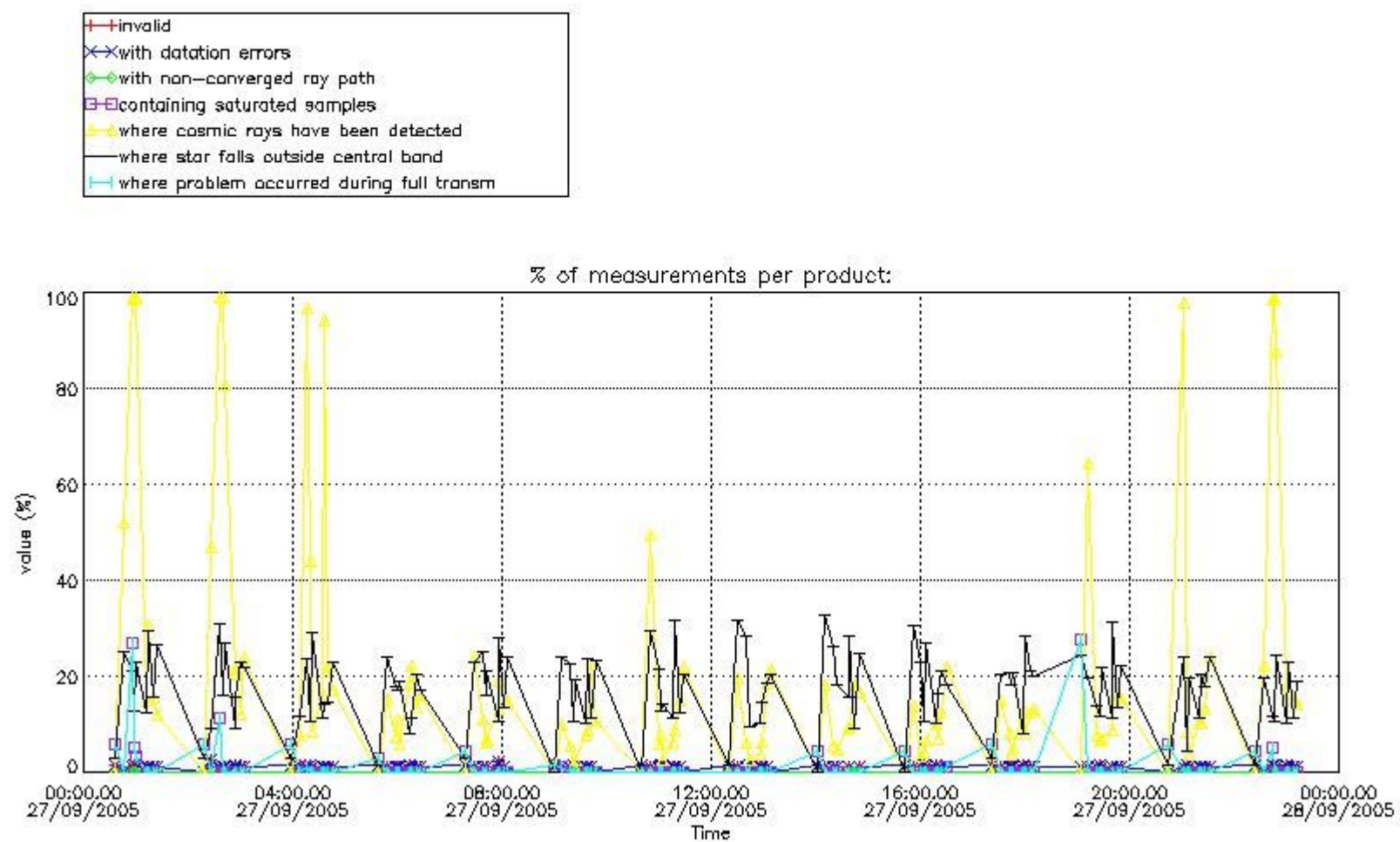


4. Level 1 quality information per product

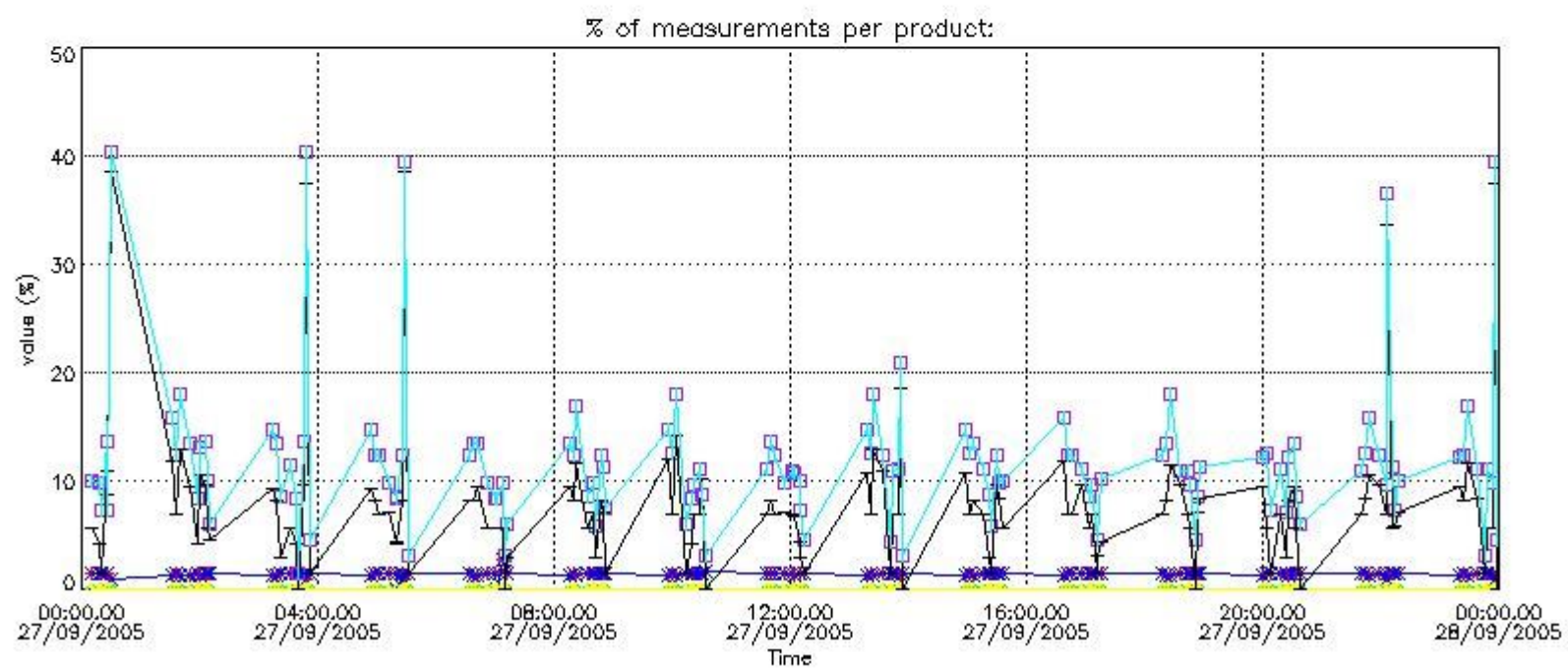
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



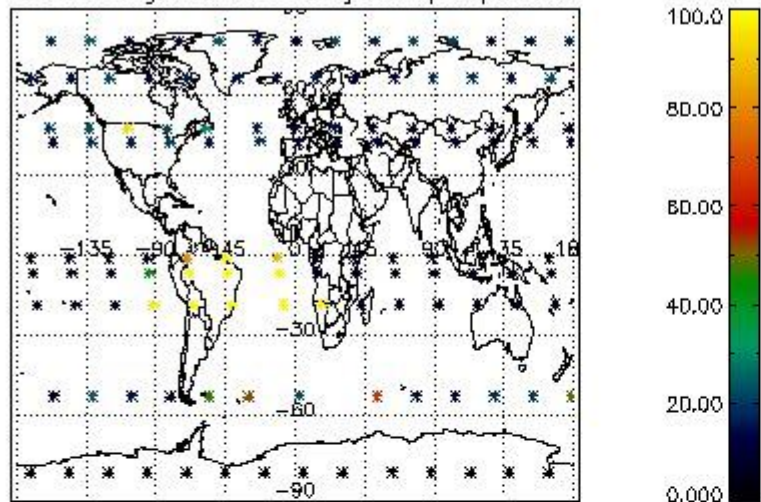
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



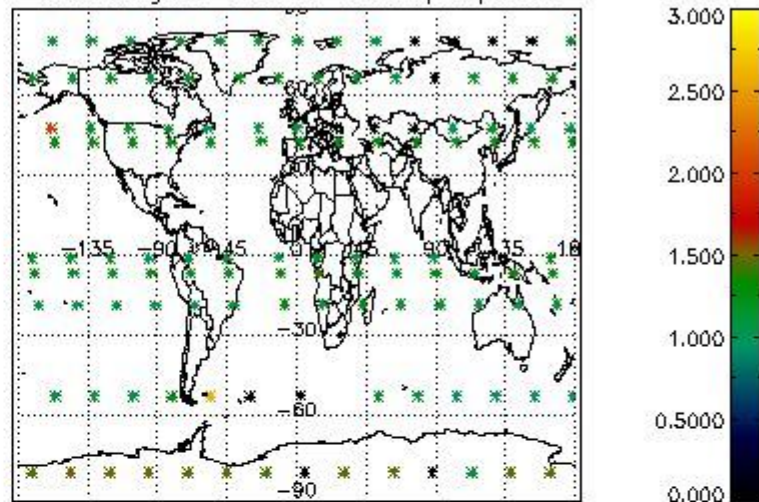
4.2 Plot quality information per product coming from level 1b processing (world map)

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

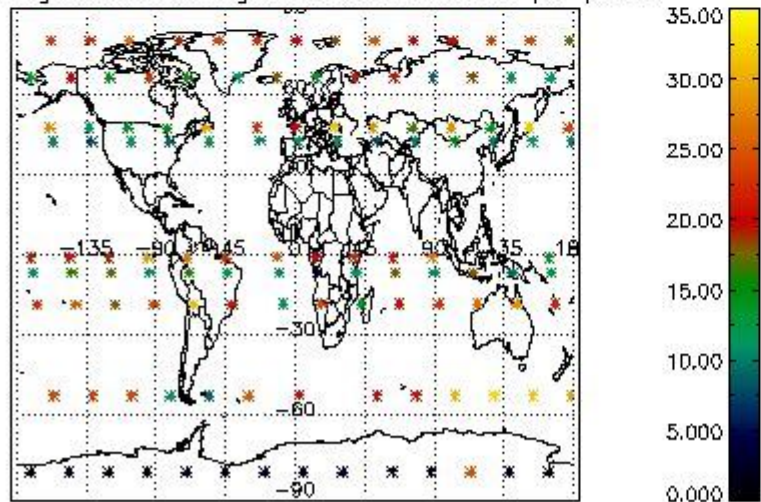
Percentage of cosmic ray hits per profile



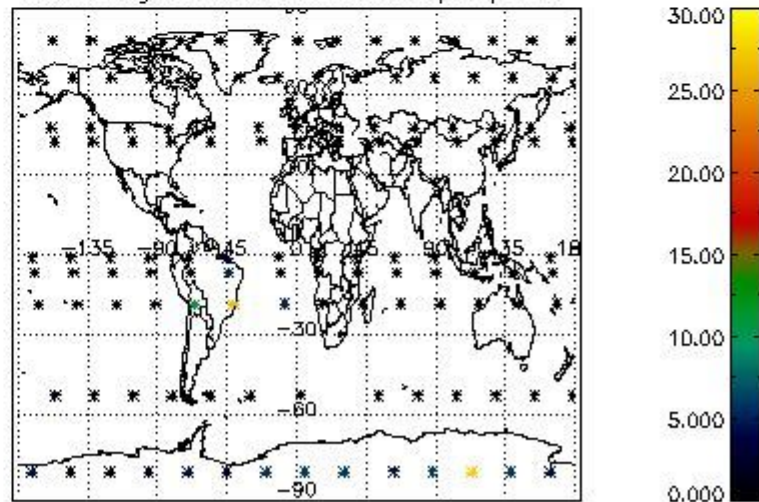
Percentage of datation errors per profile



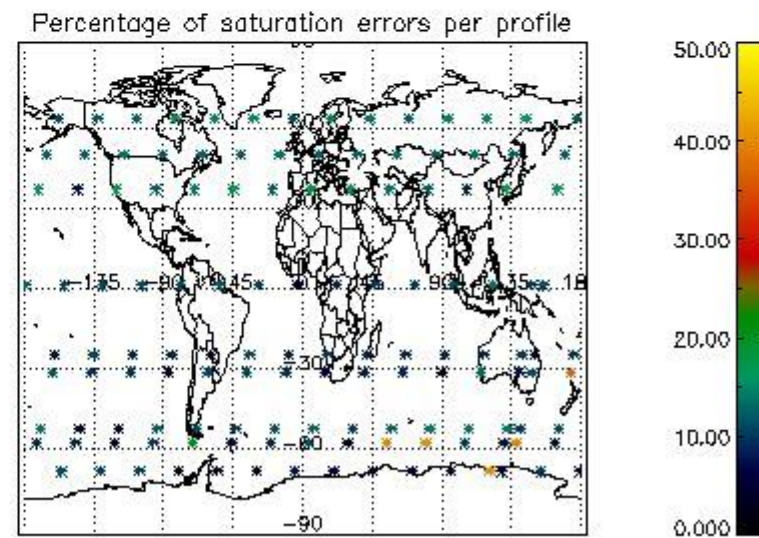
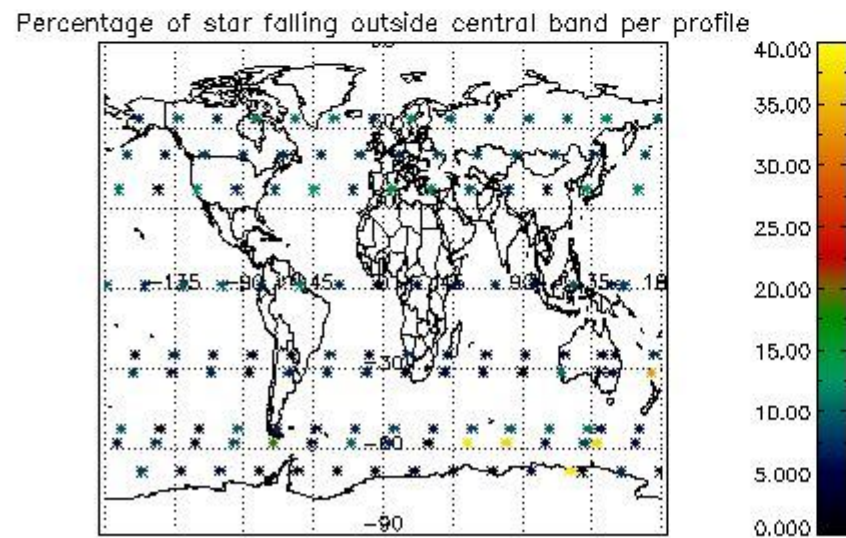
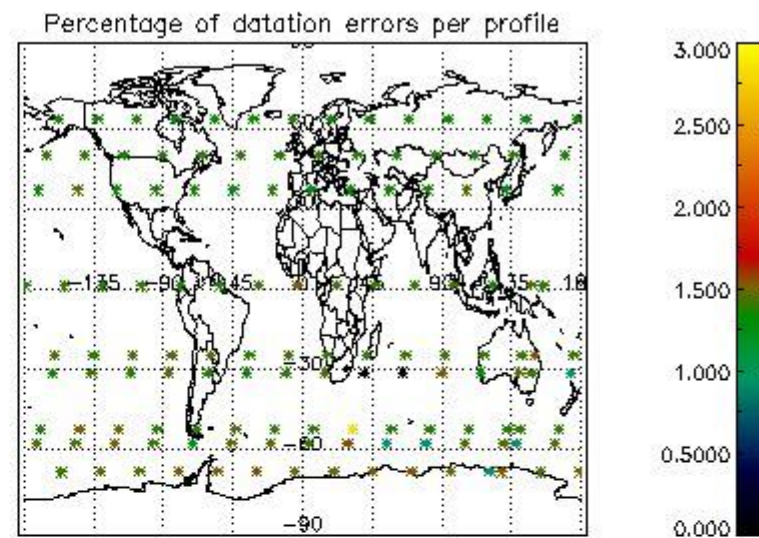
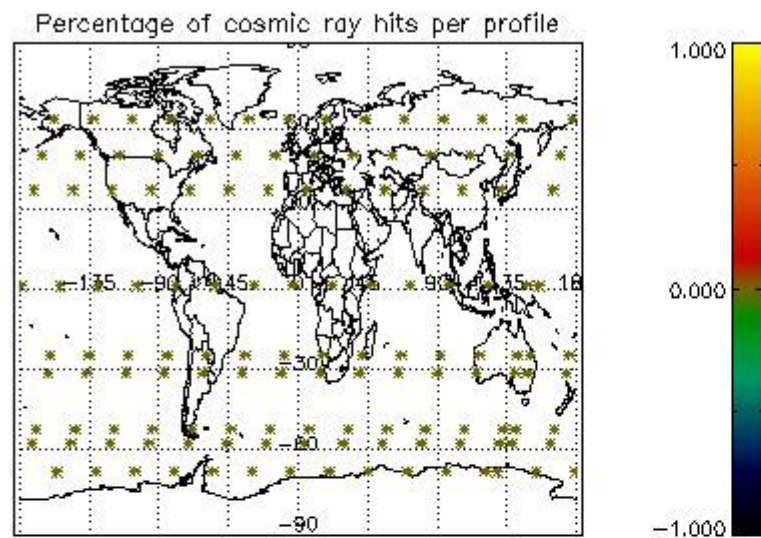
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



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

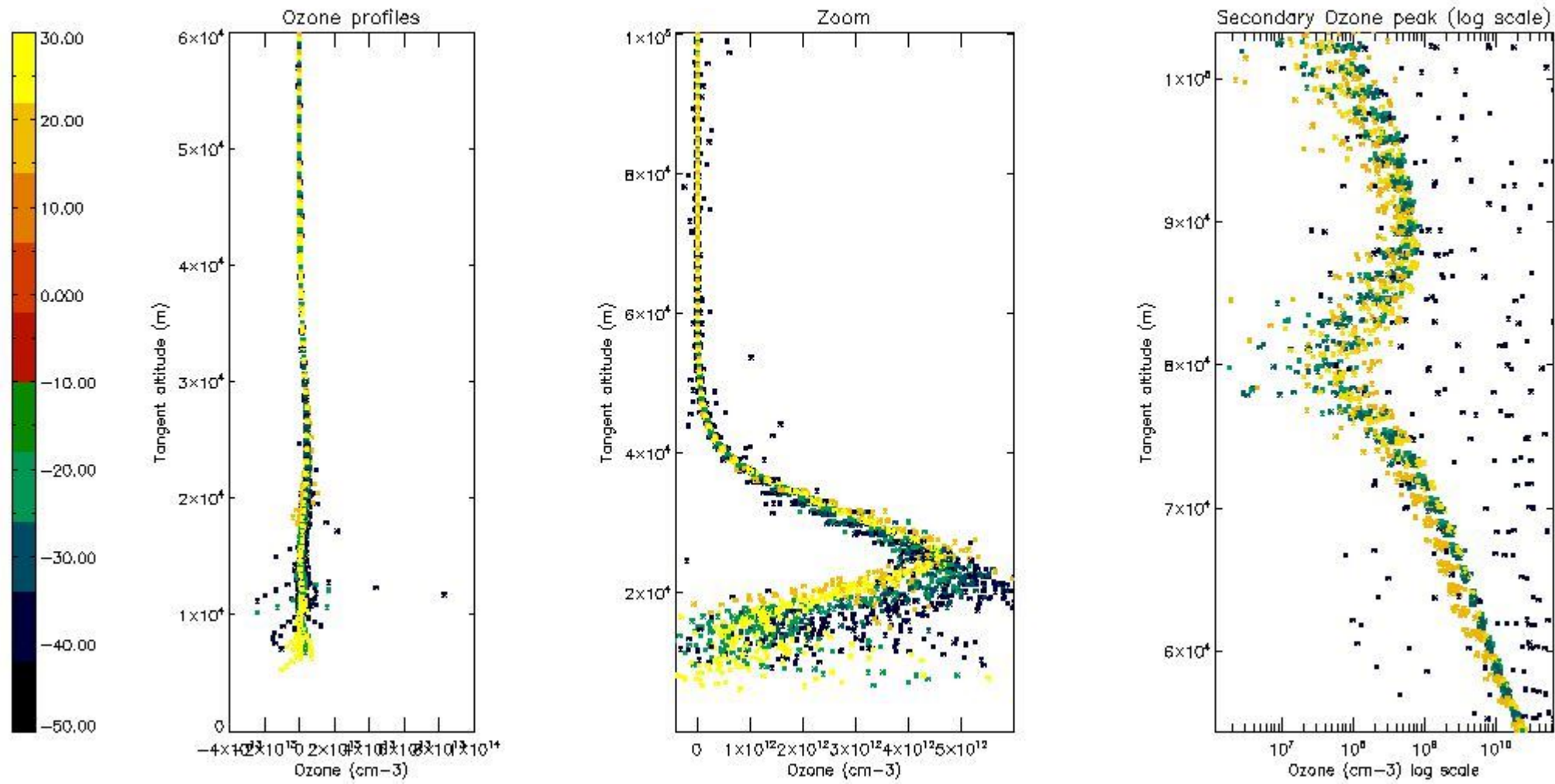
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	30
STD < 20	16

STD < 10	13
STD < 5	6

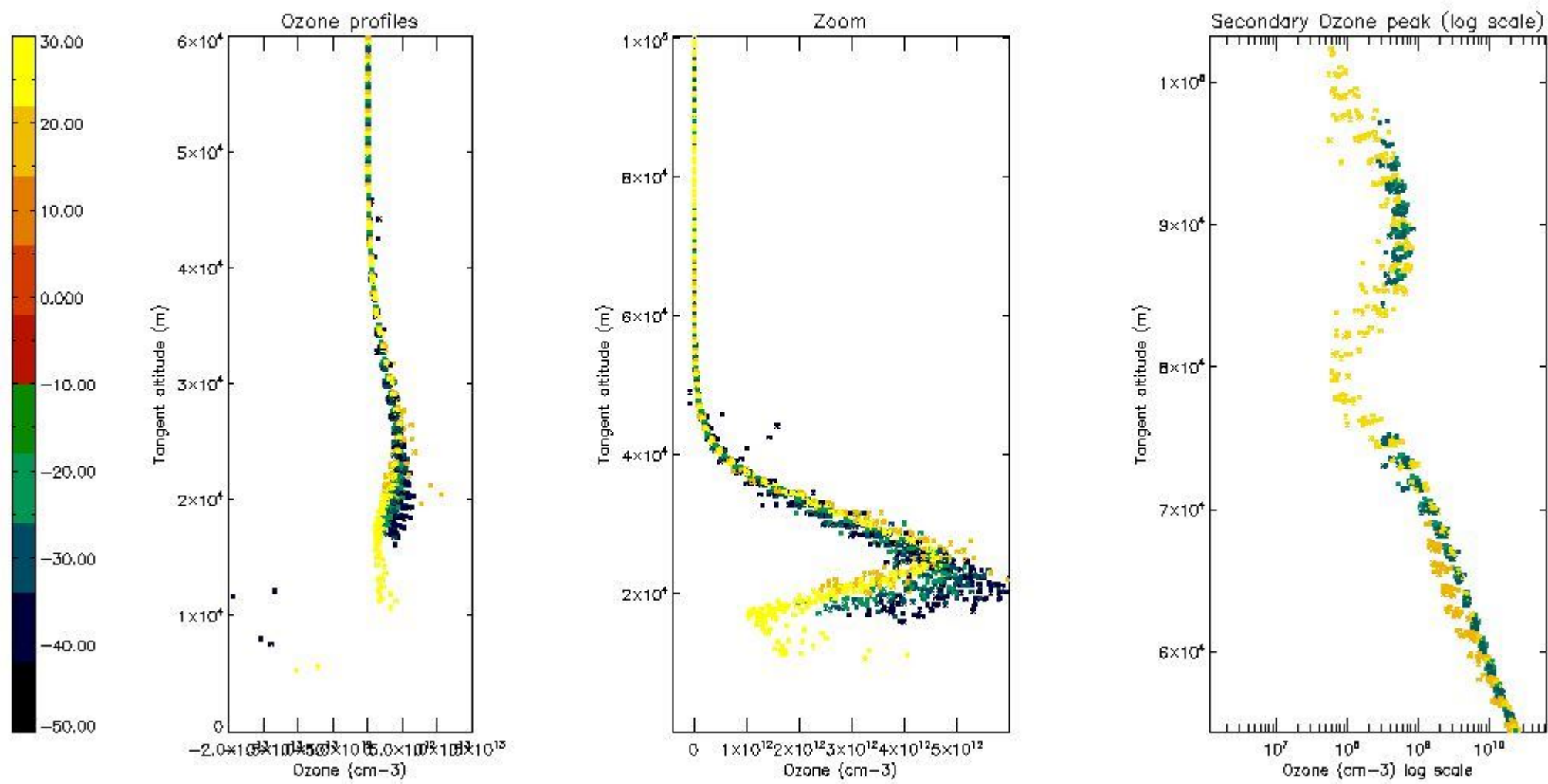
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



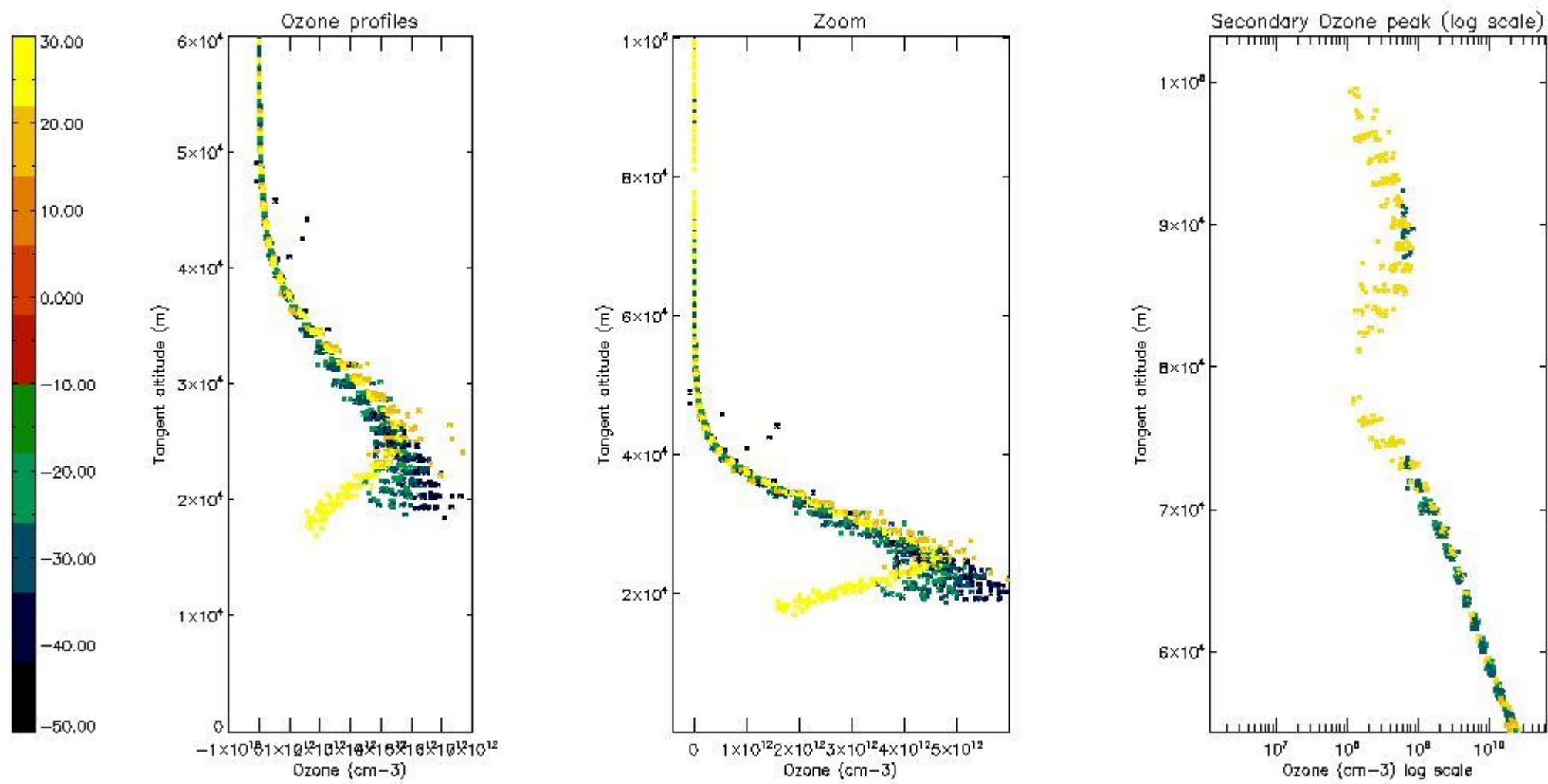
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



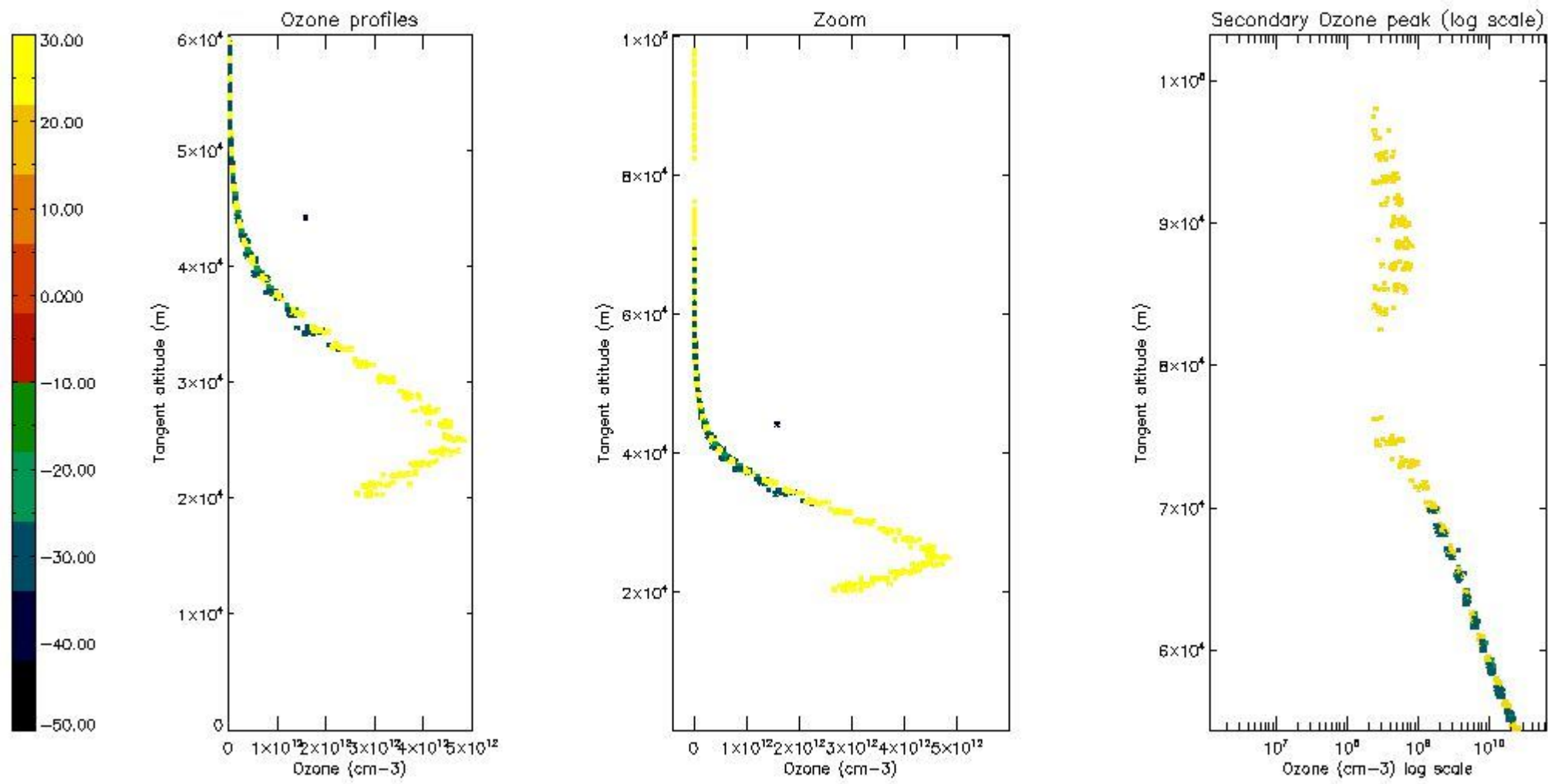
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



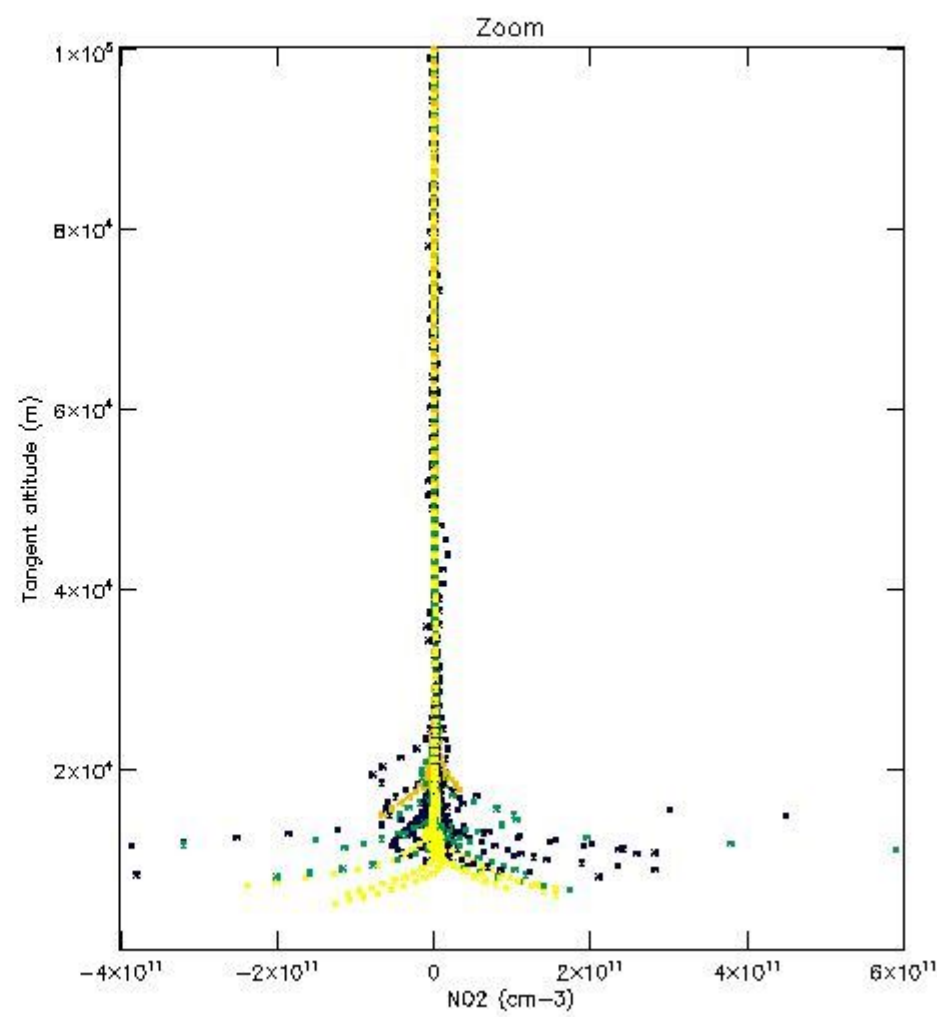
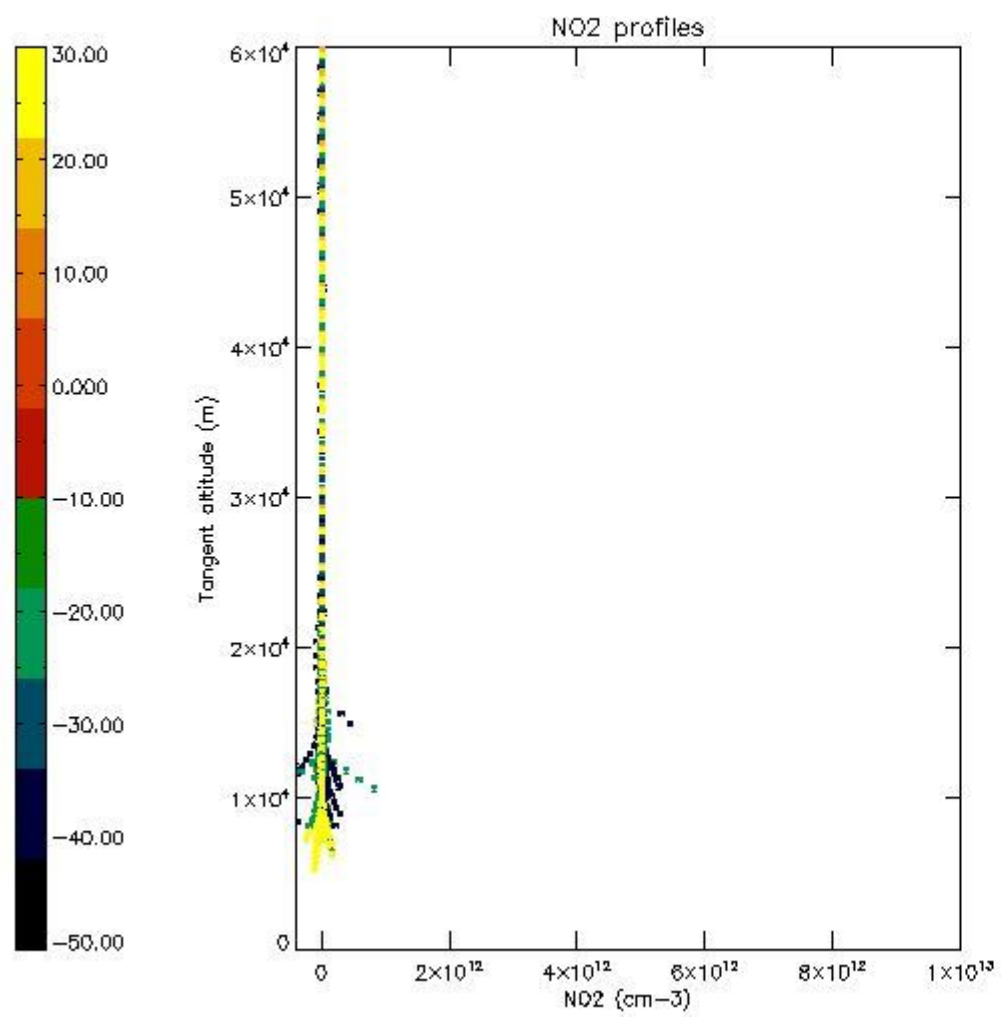
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



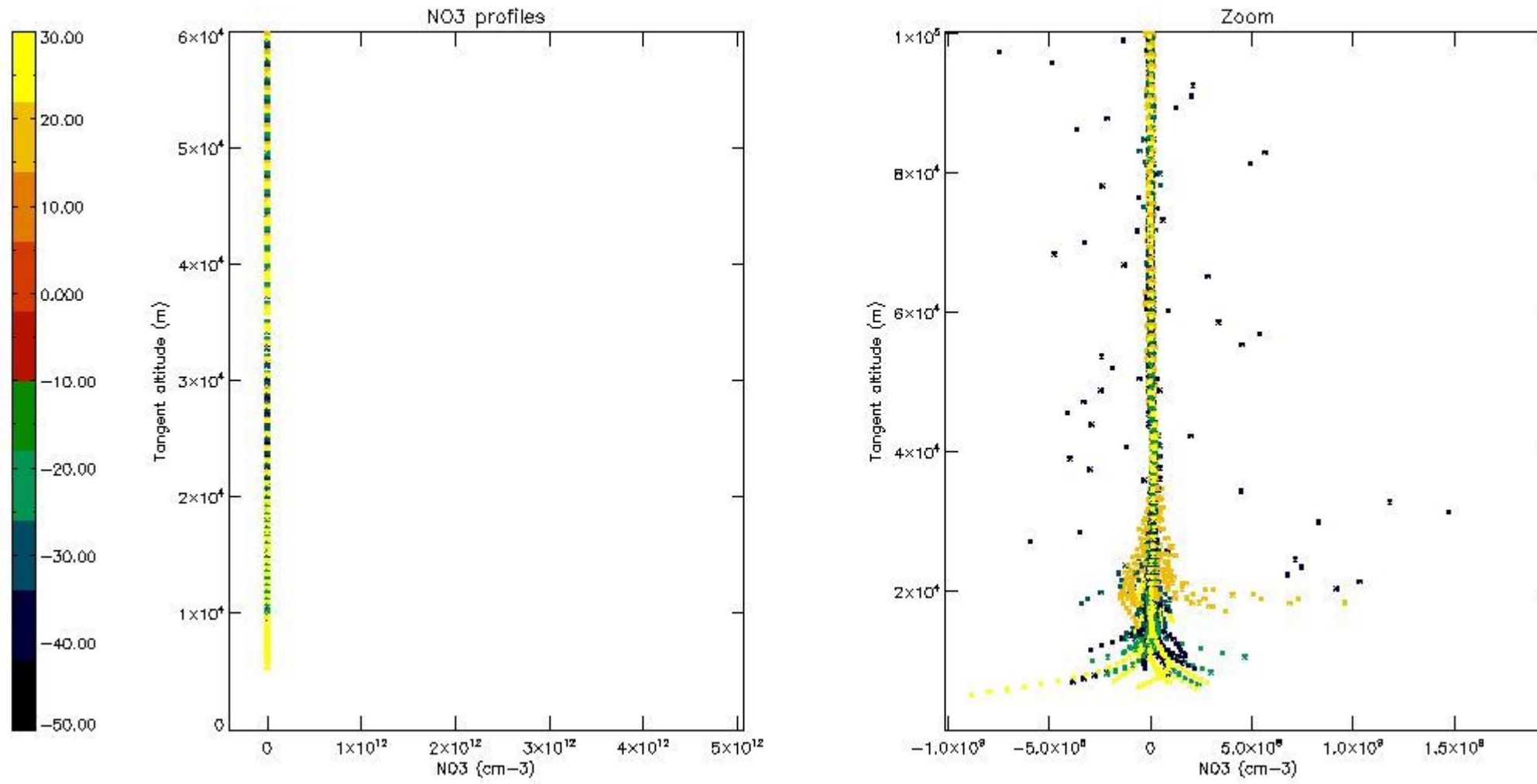
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

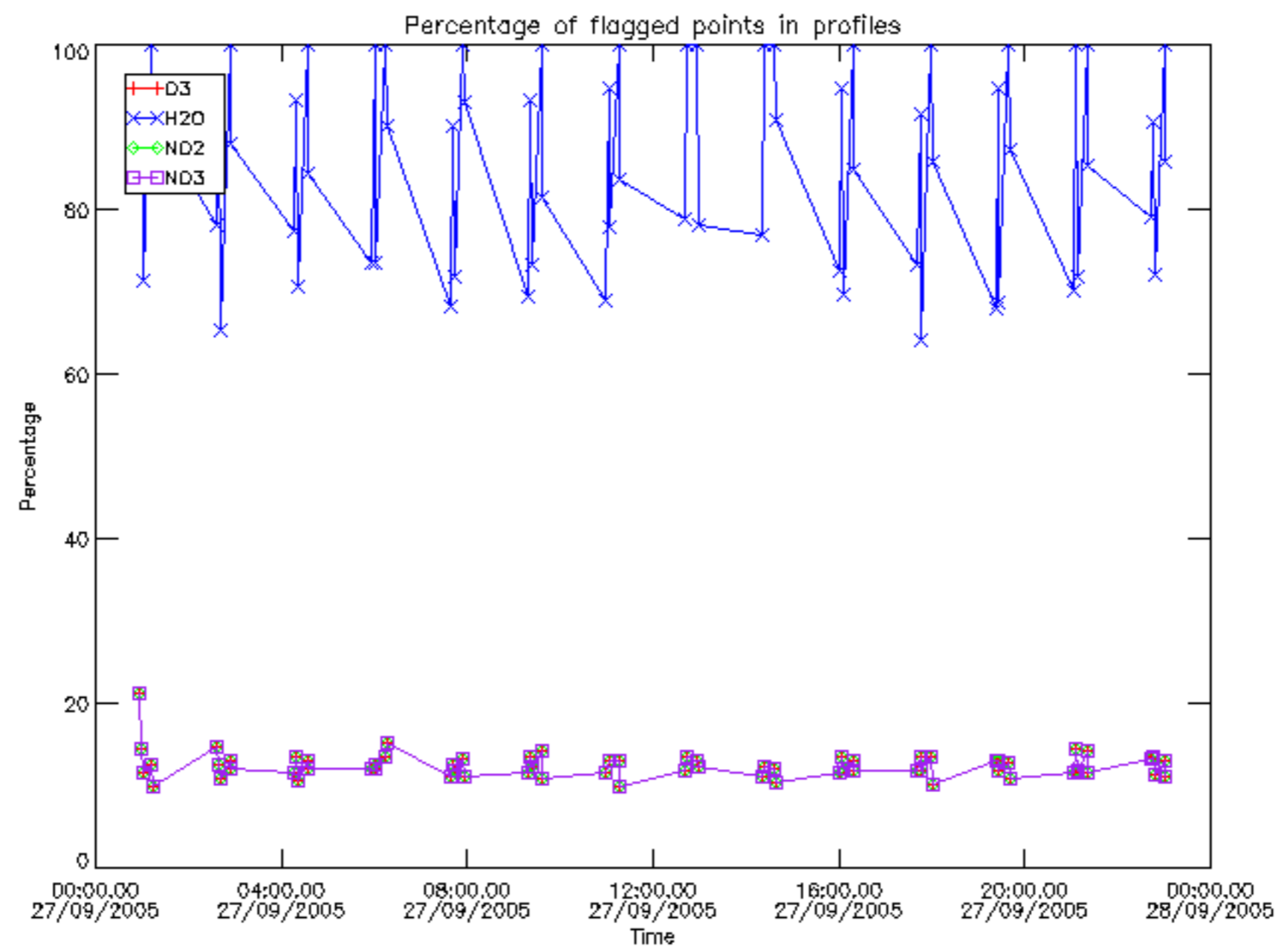
The colorbar represents the latitude.



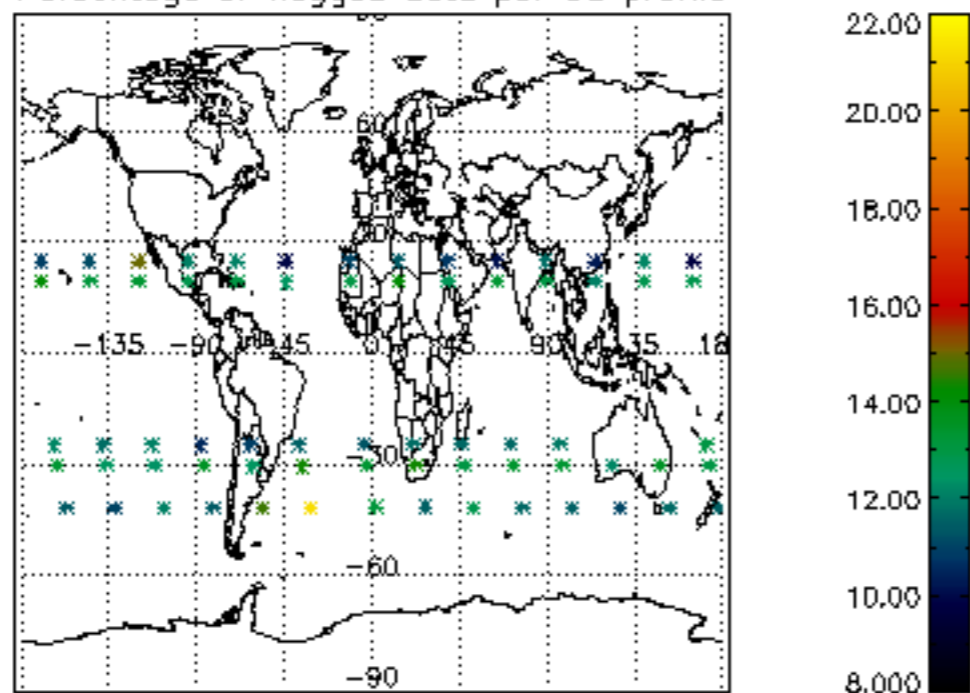
6. Auxiliary Data Files used for the production reported in section 2

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.

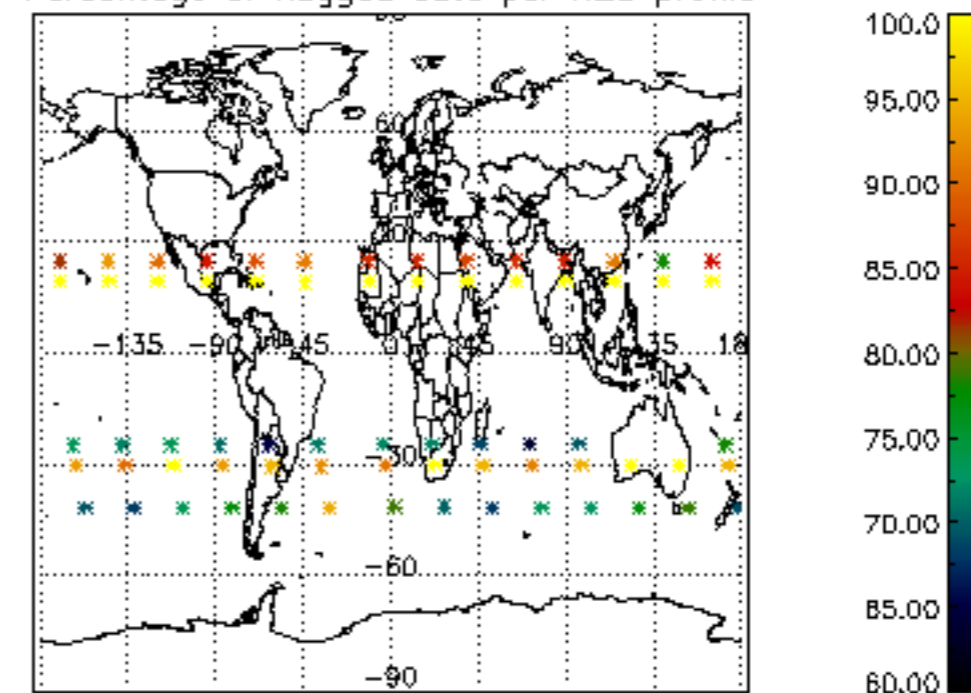
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	27-SEP-2005 00:09:59
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	27-SEP-2005 00:09:59
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	27-SEP-2005 00:09:59



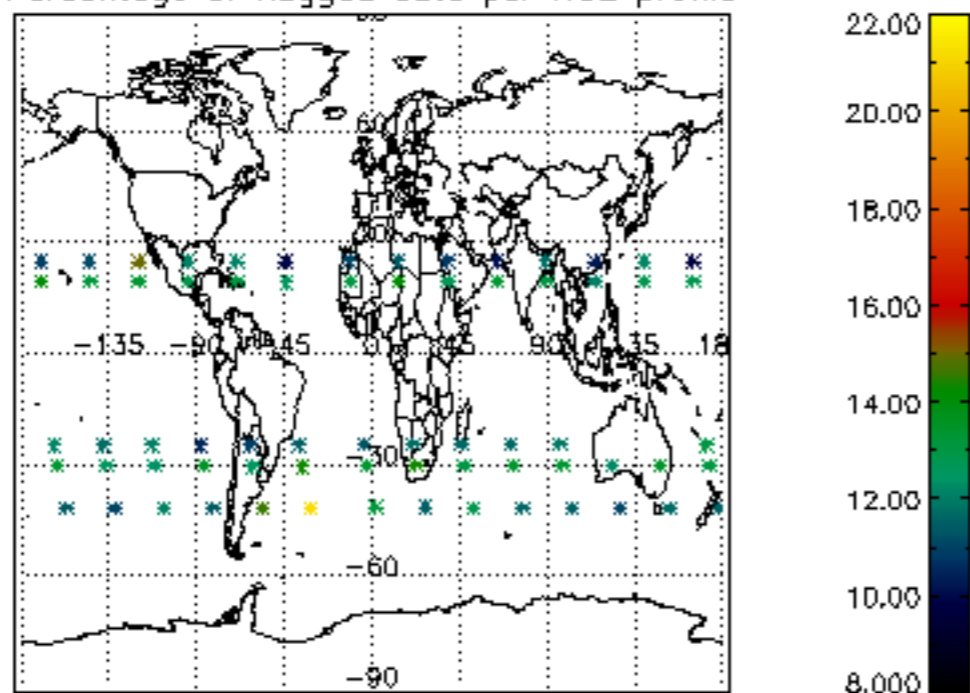
Percentage of flagged data per D3 profile



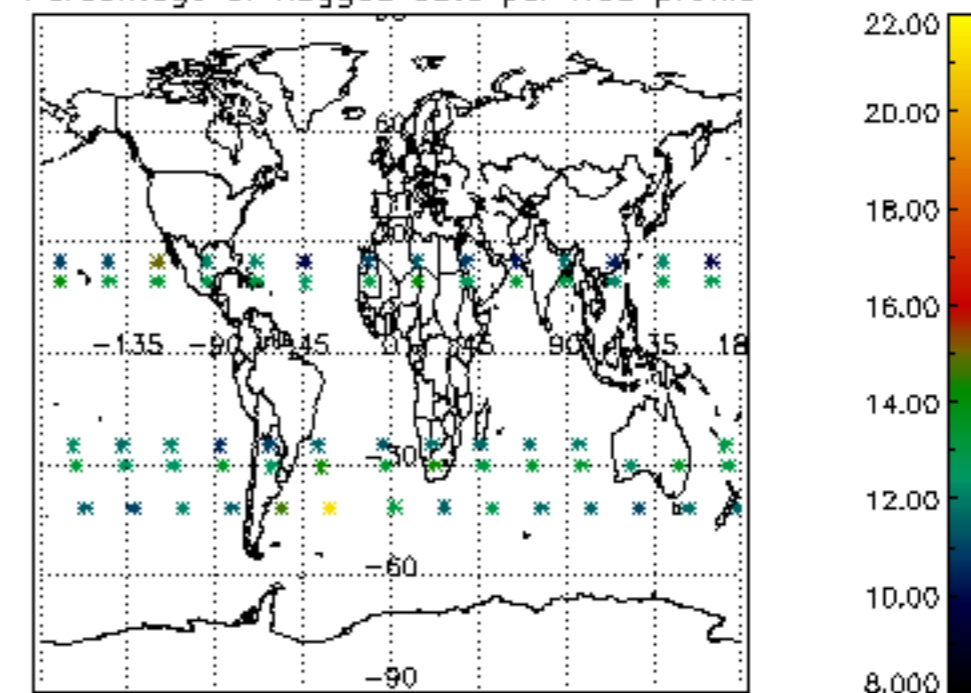
Percentage of flagged data per H2O profile

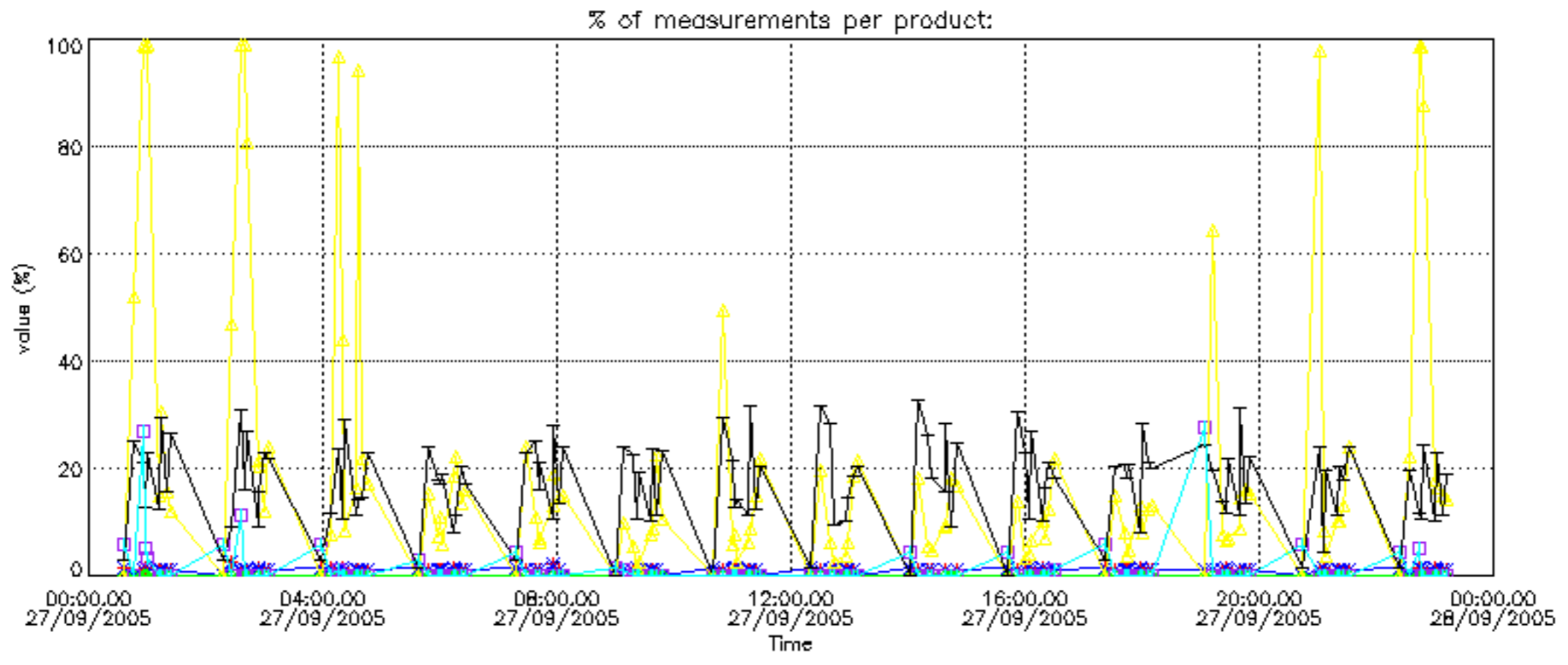


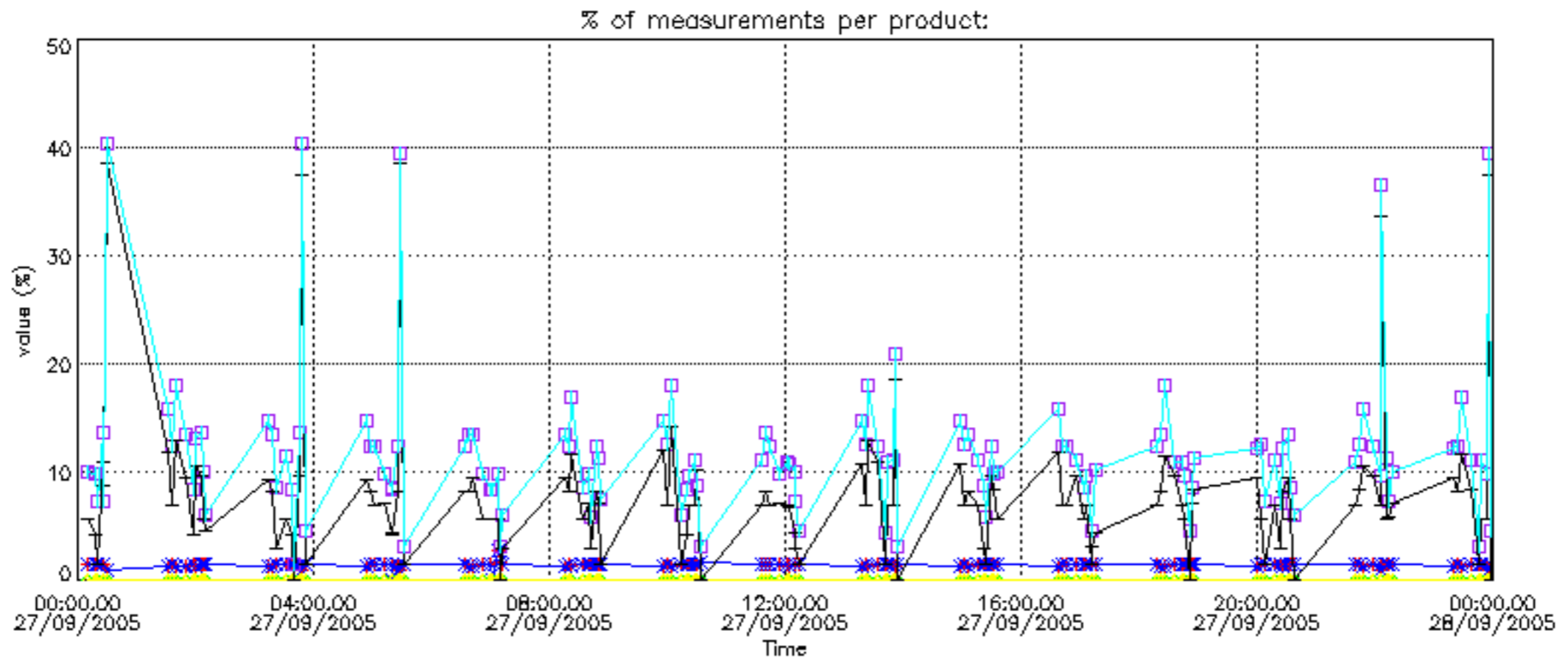
Percentage of flagged data per NO2 profile



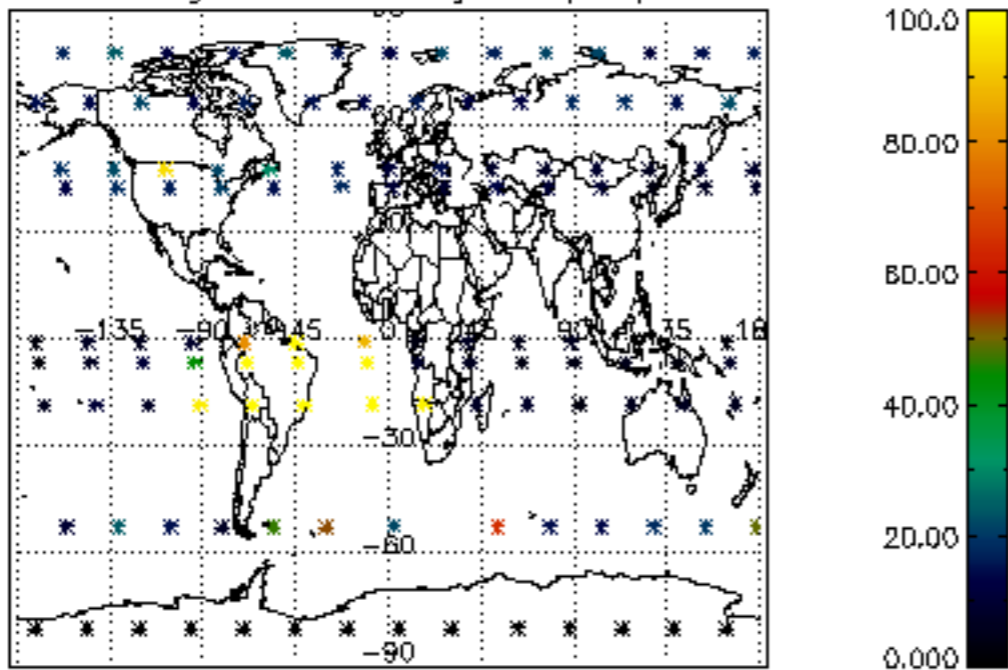
Percentage of flagged data per NO3 profile



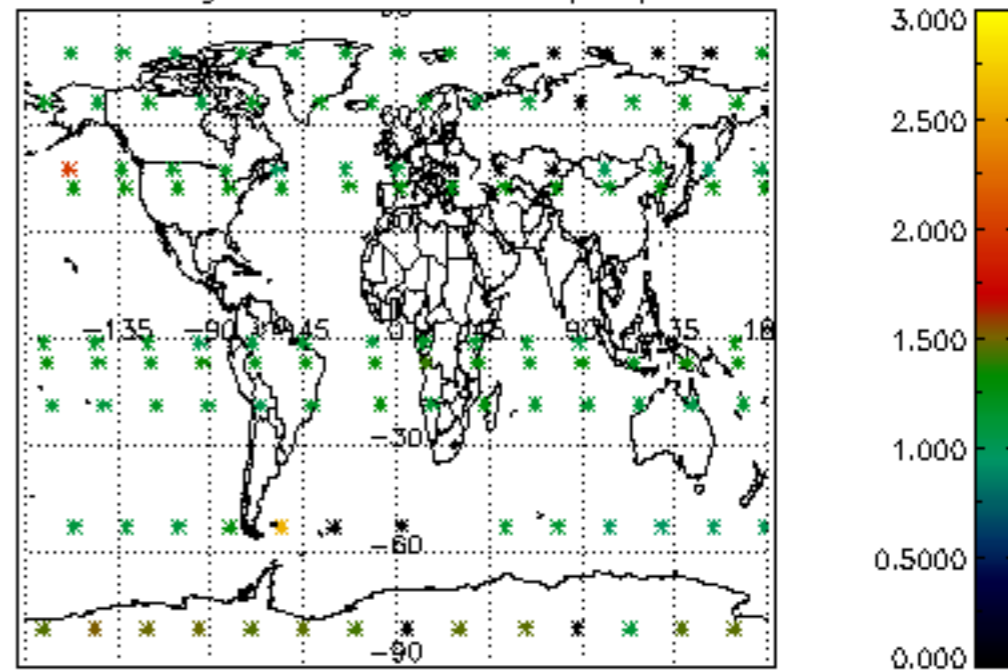




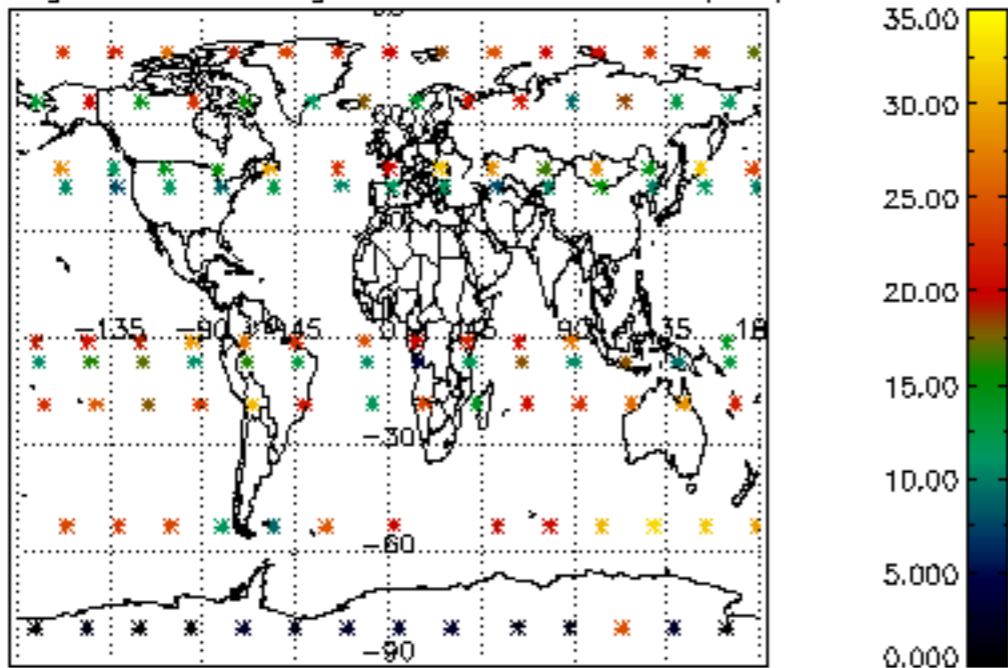
Percentage of cosmic ray hits per profile



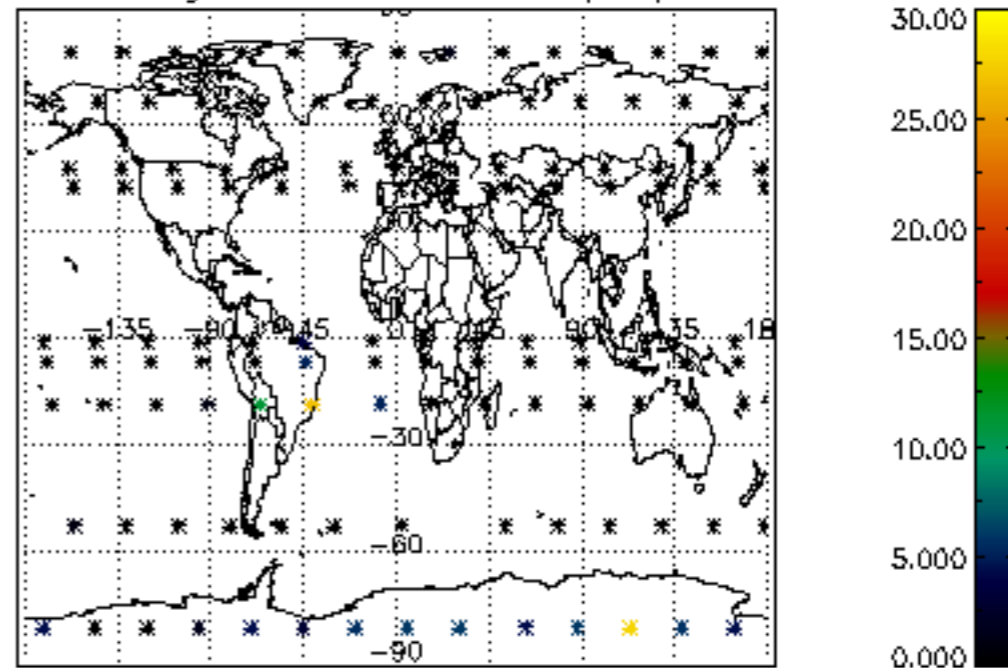
Percentage of datation errors per profile



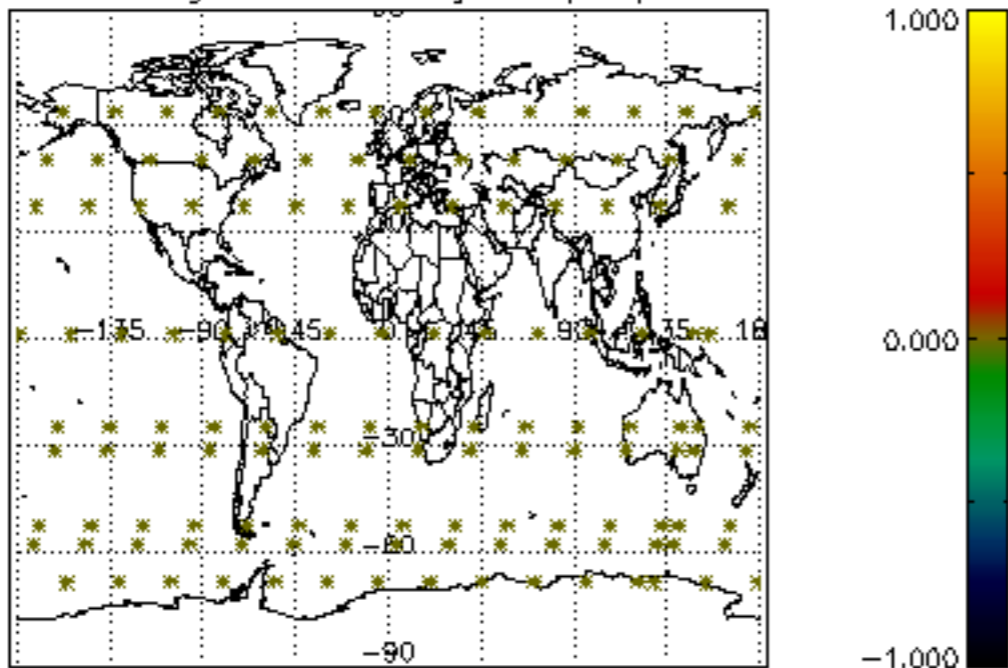
Percentage of star falling outside central band per profile



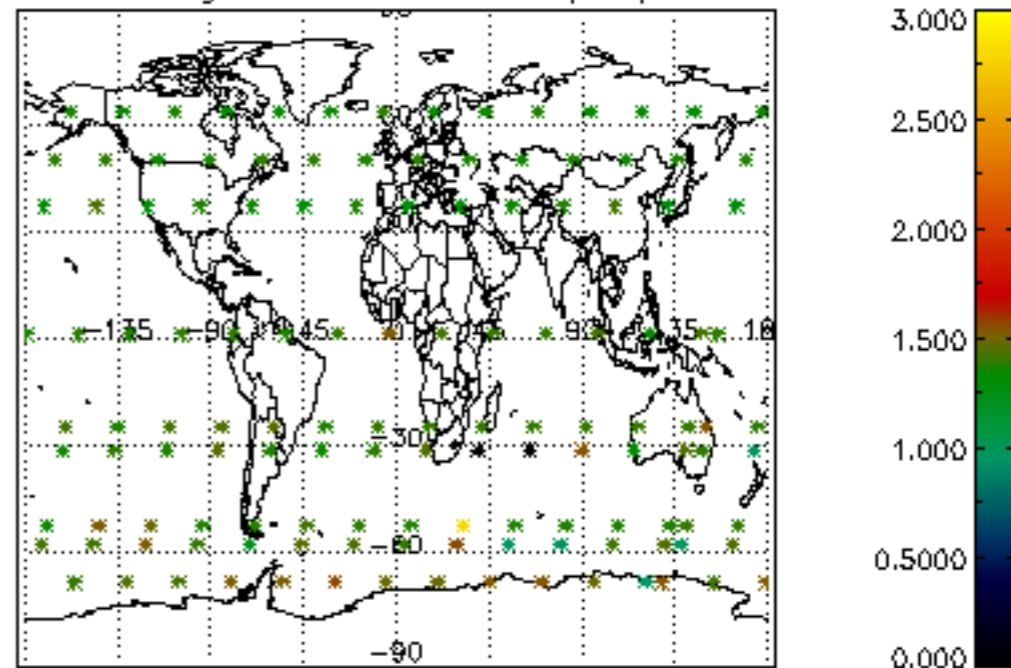
Percentage of saturation errors per profile



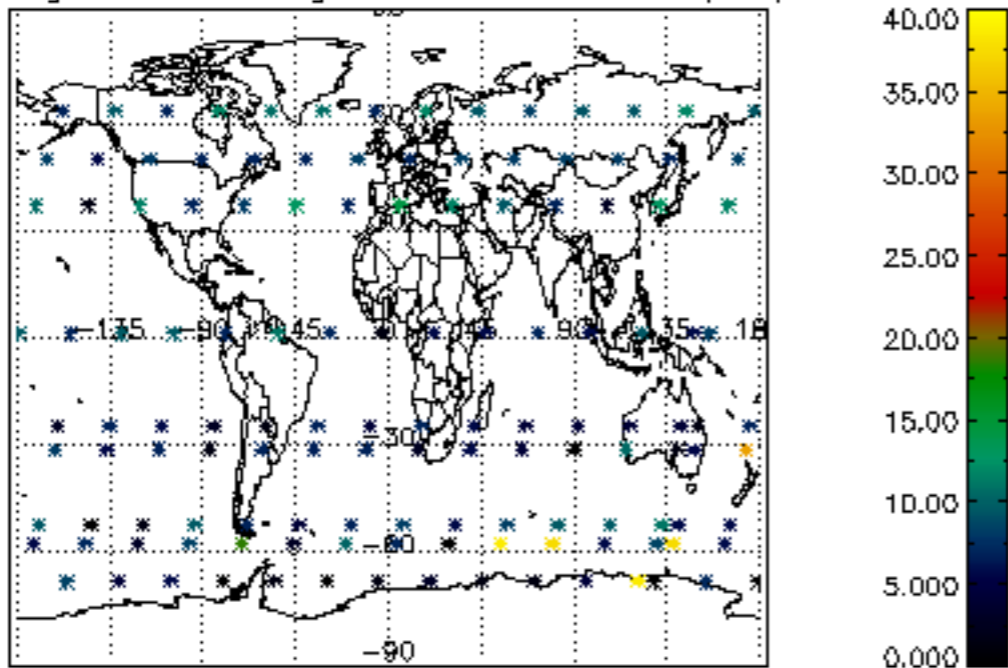
Percentage of cosmic ray hits per profile



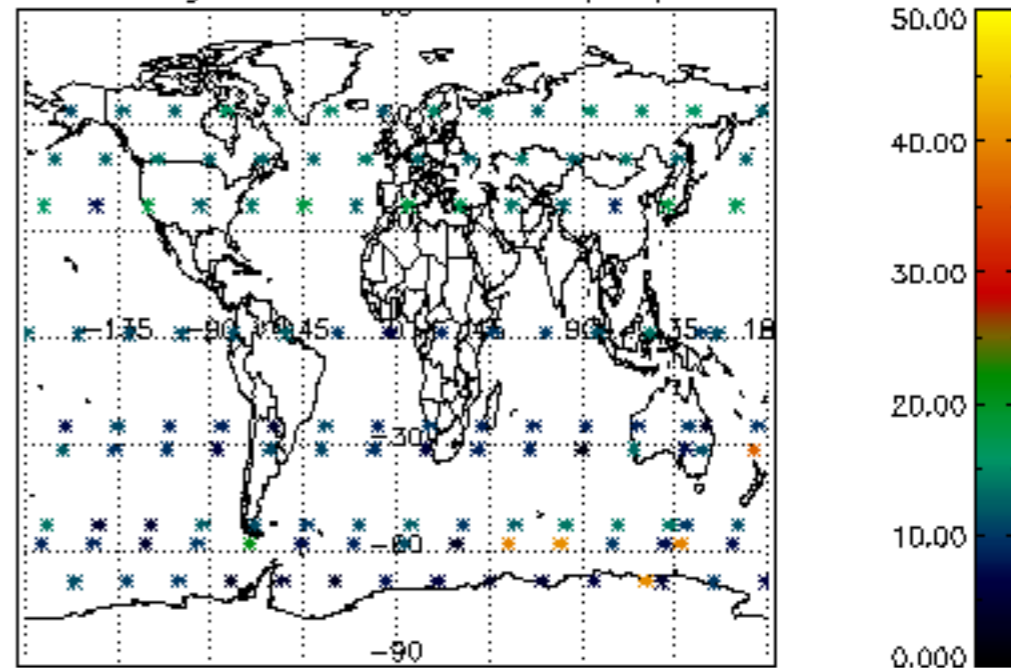
Percentage of datation errors per profile

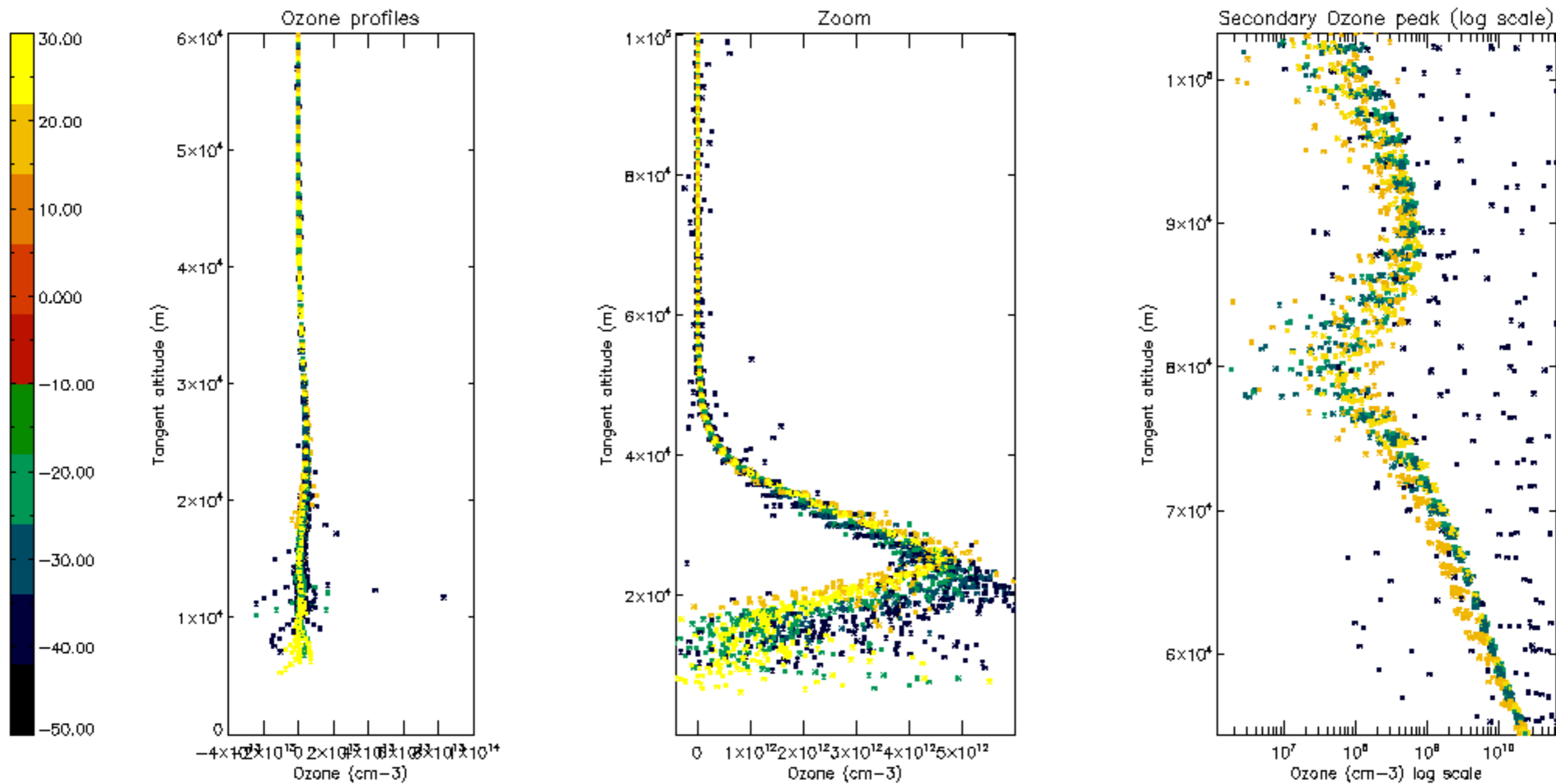


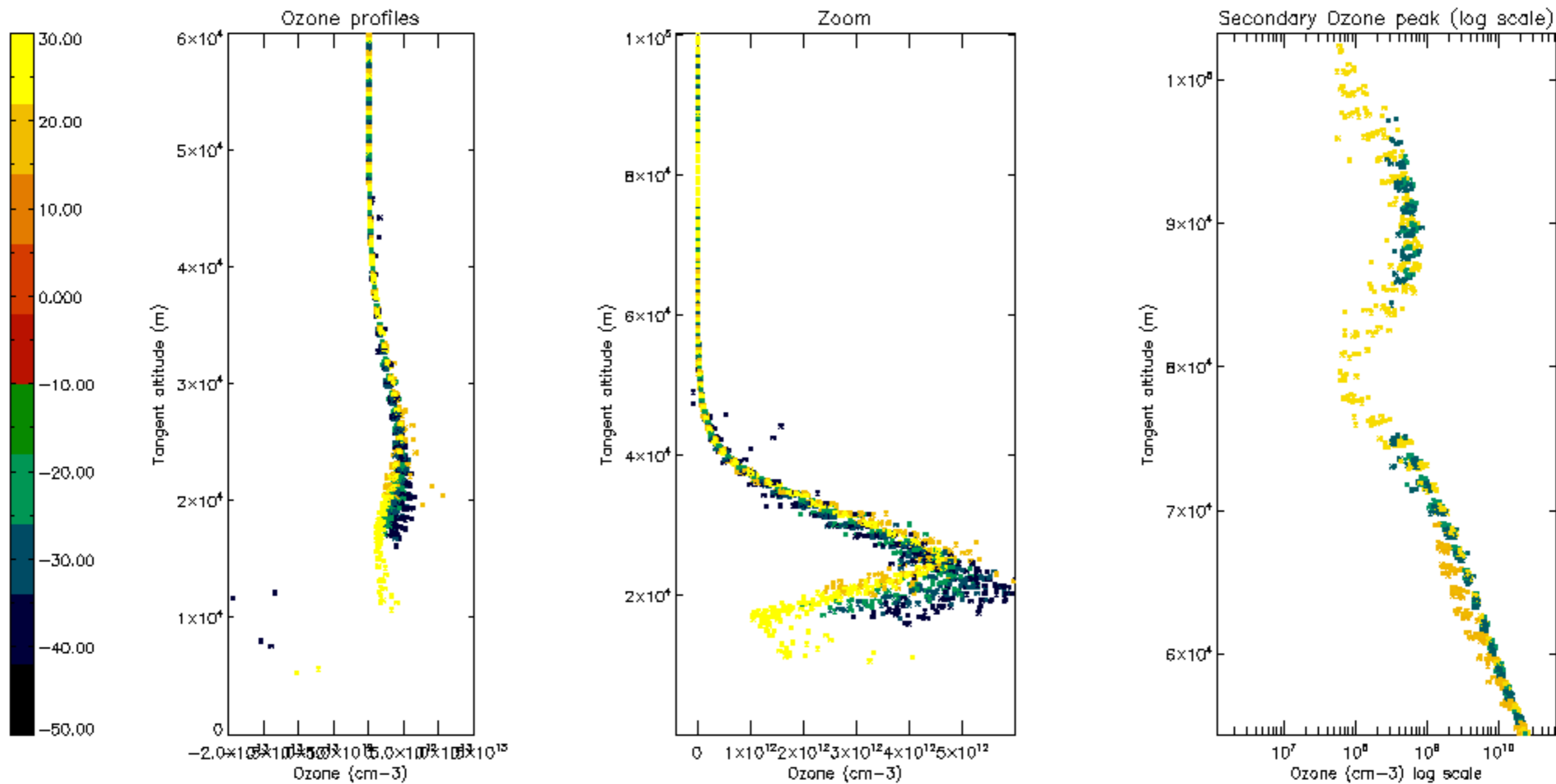
Percentage of star falling outside central band per profile

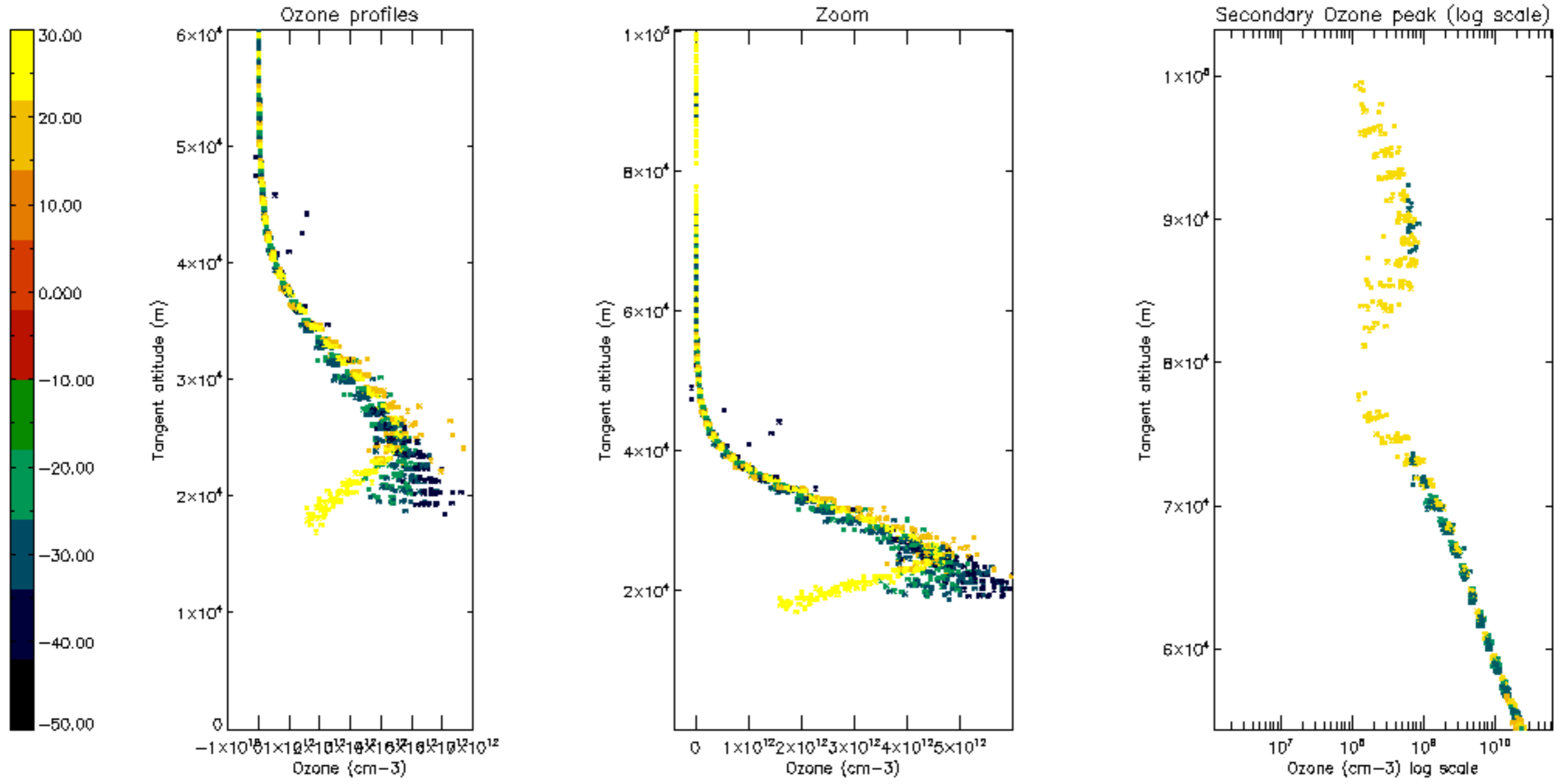


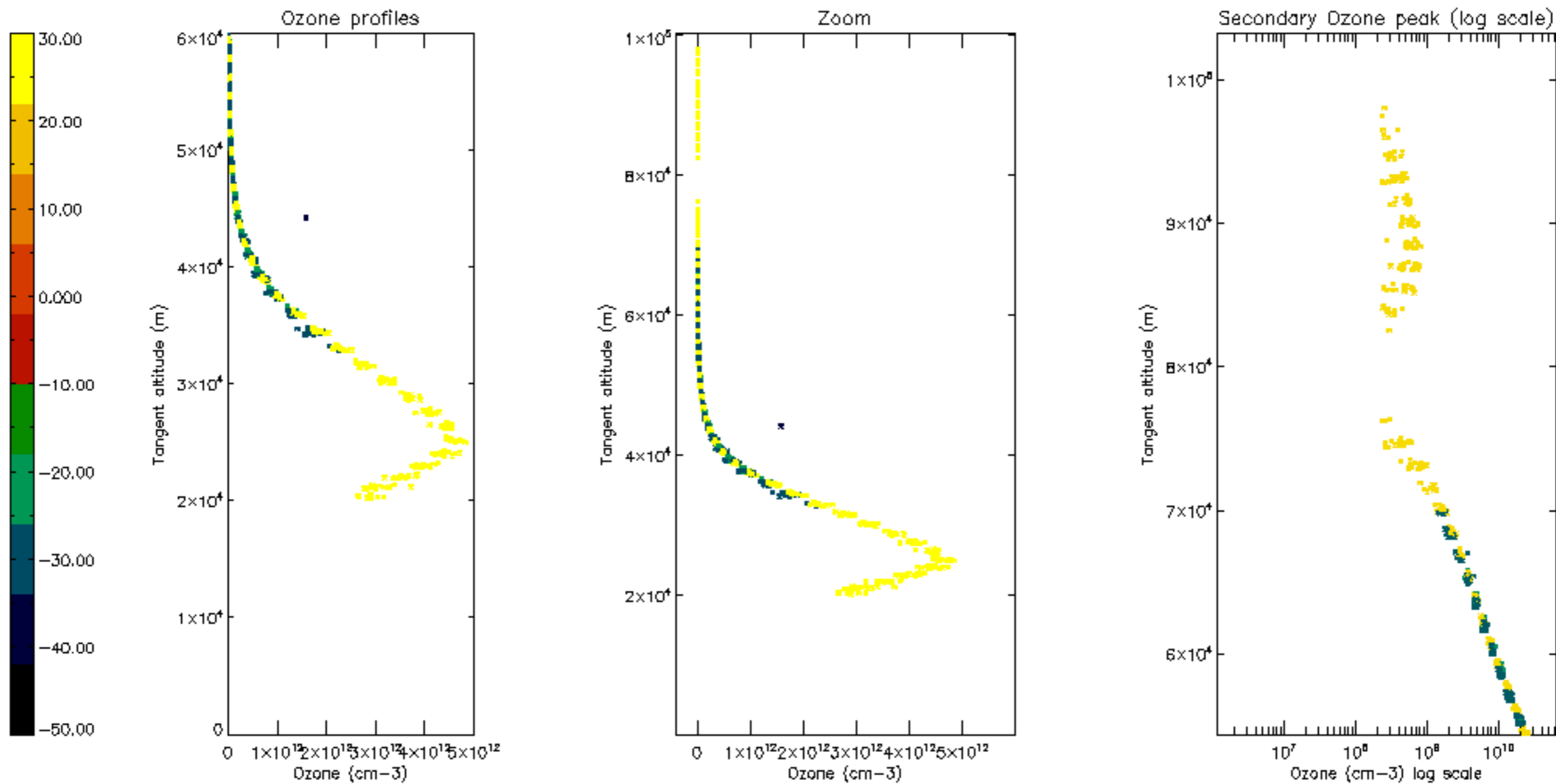
Percentage of saturation errors per profile

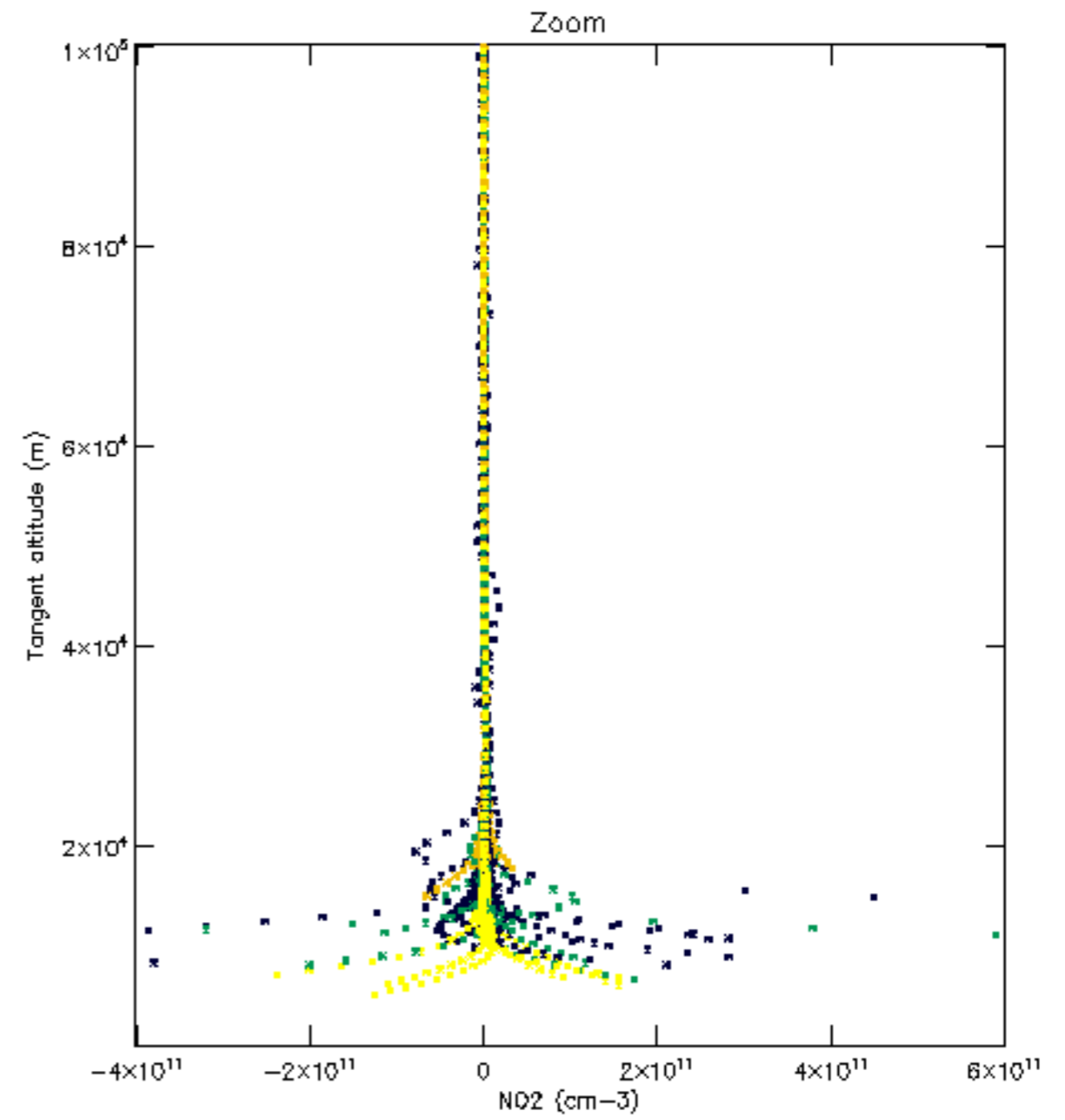
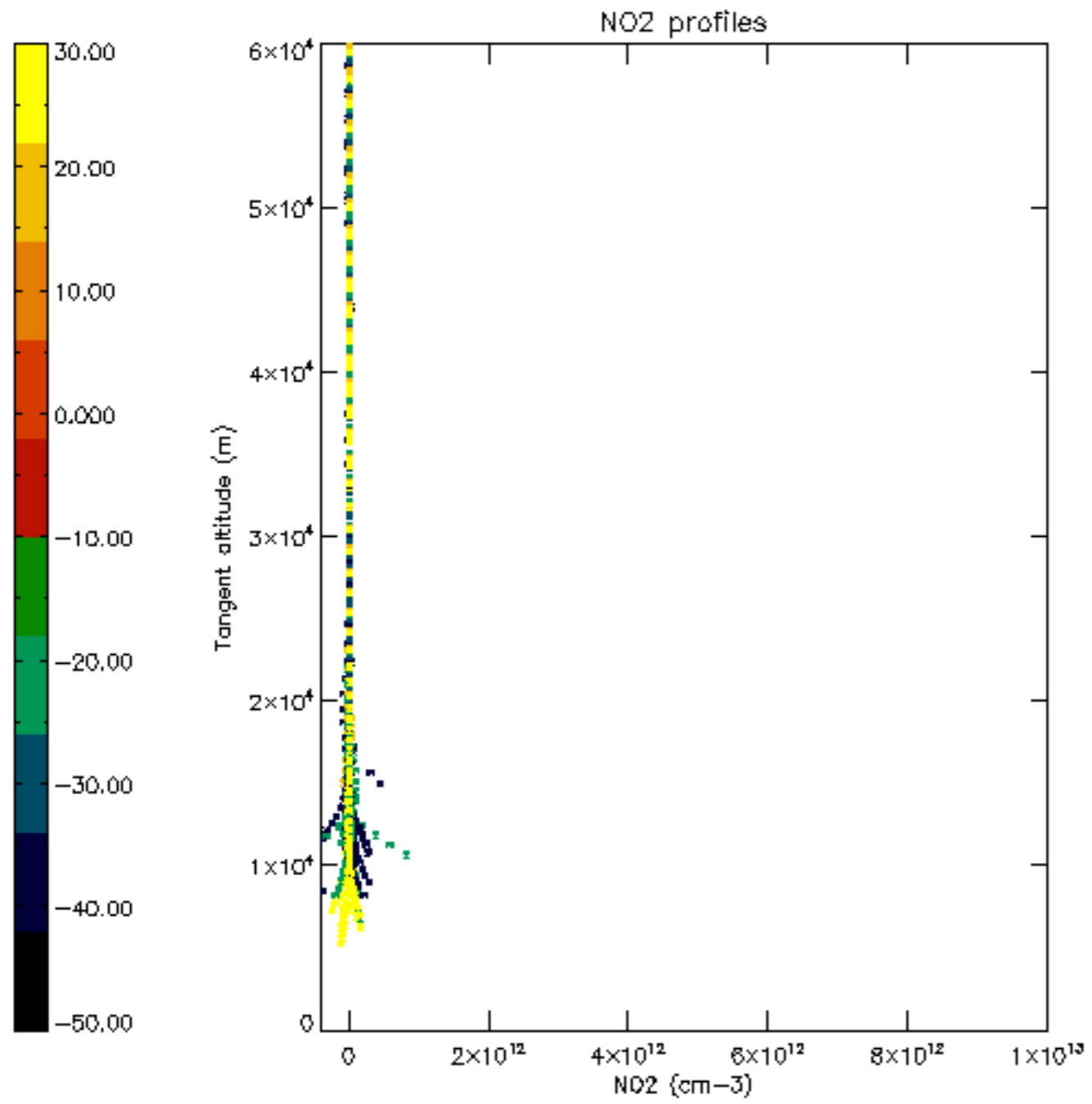


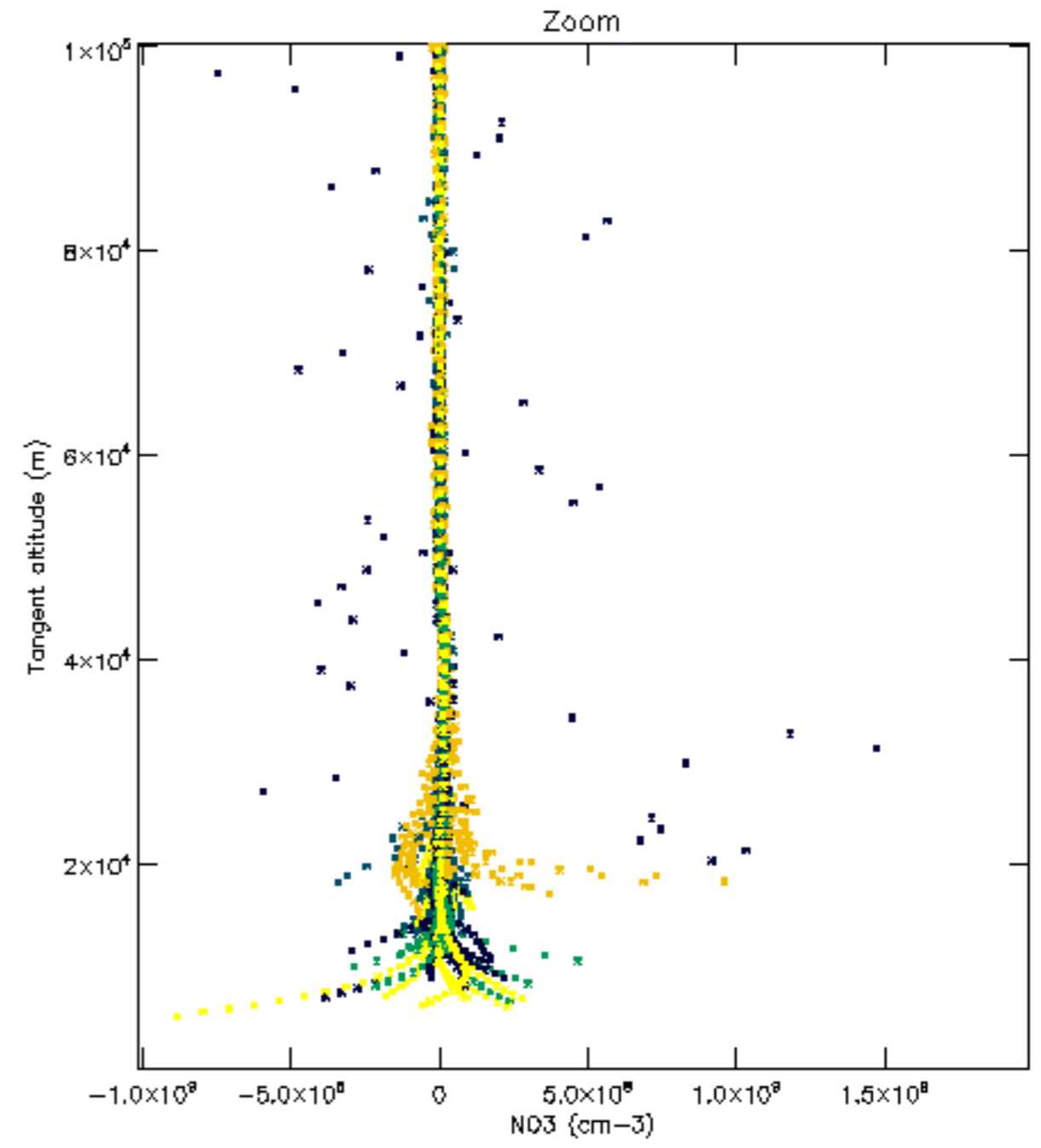
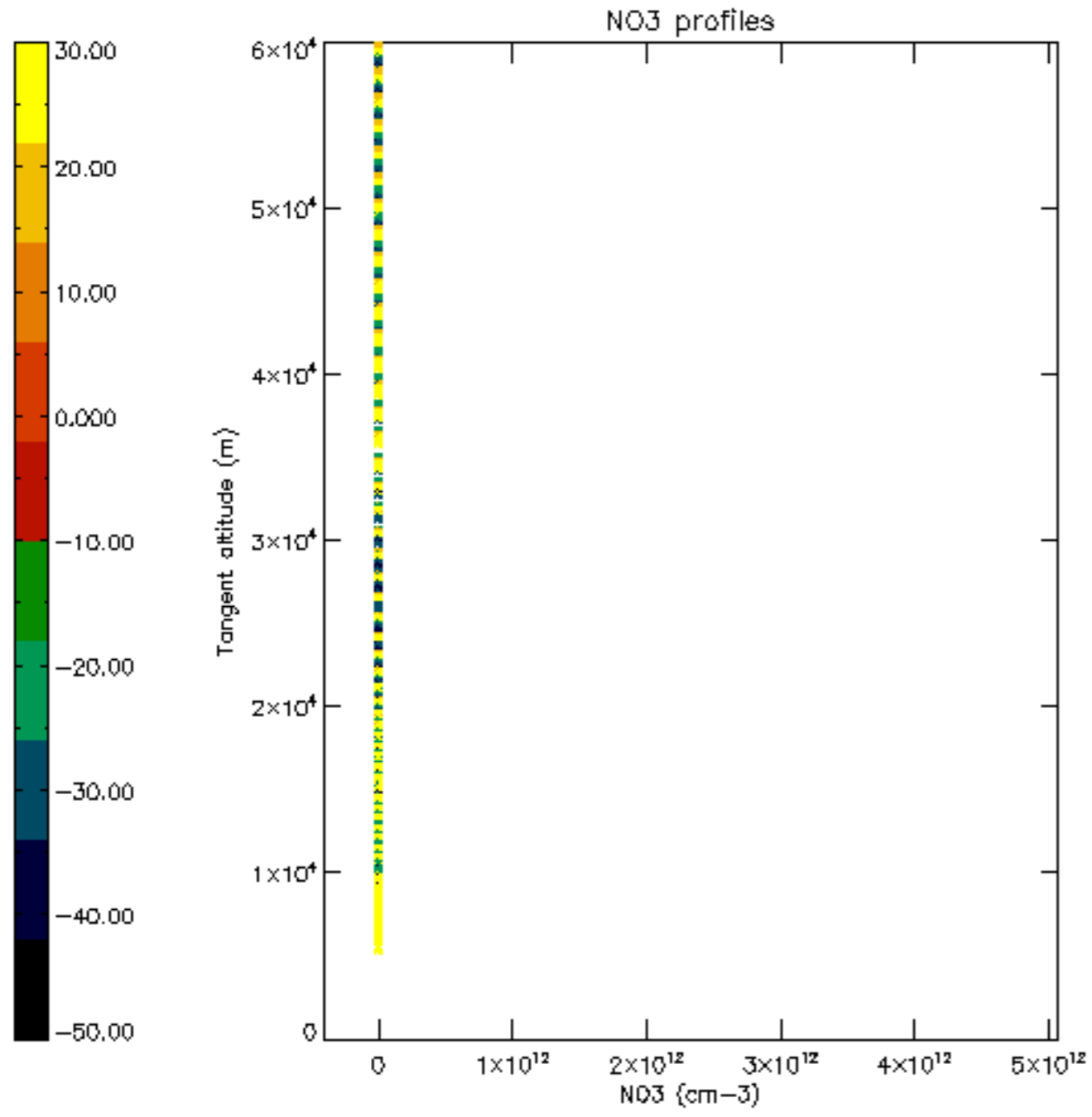


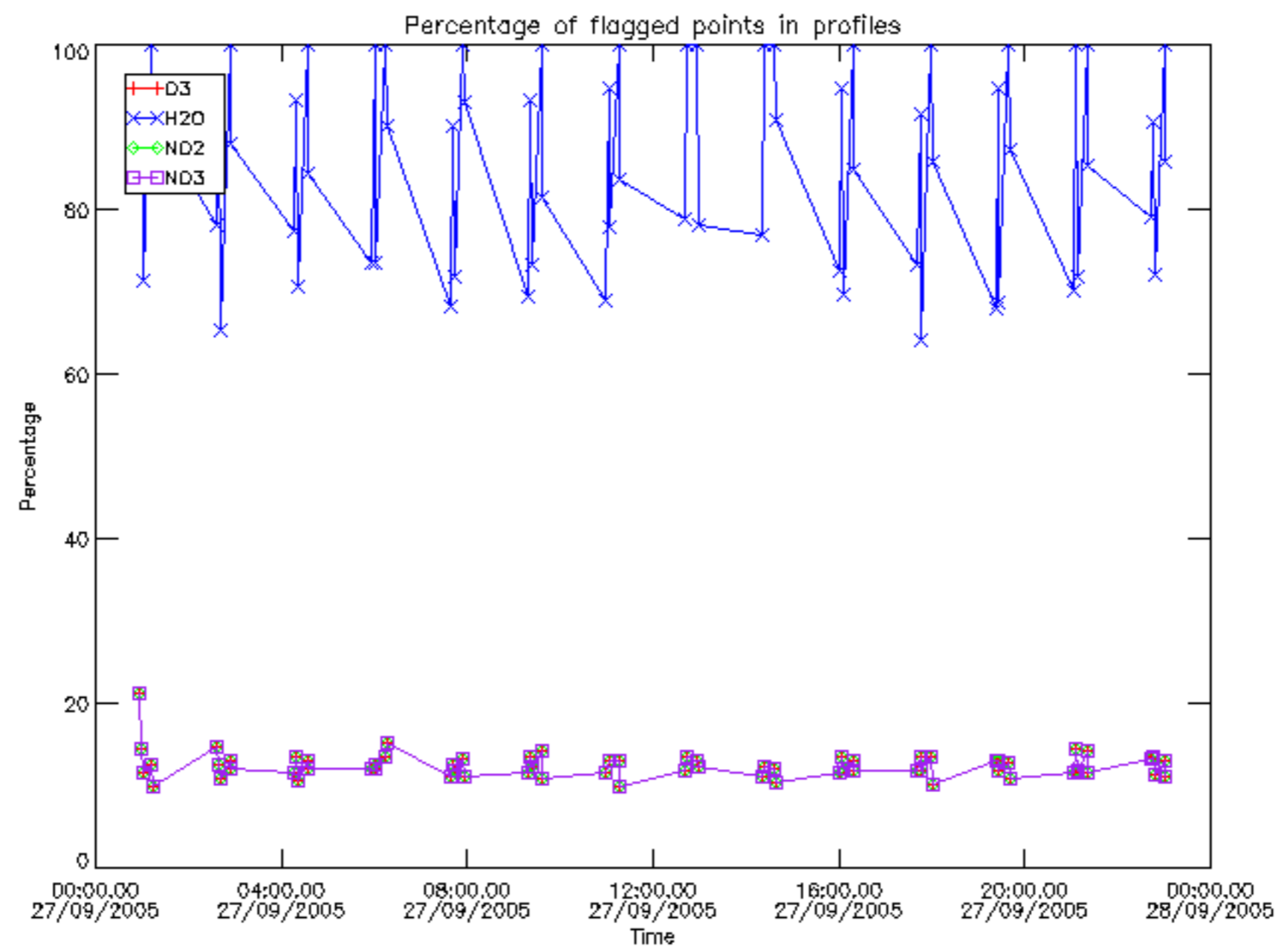




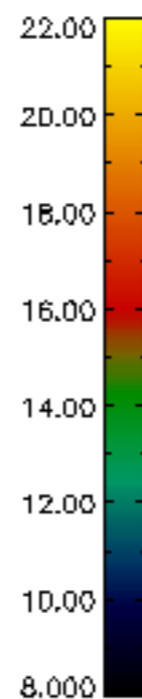
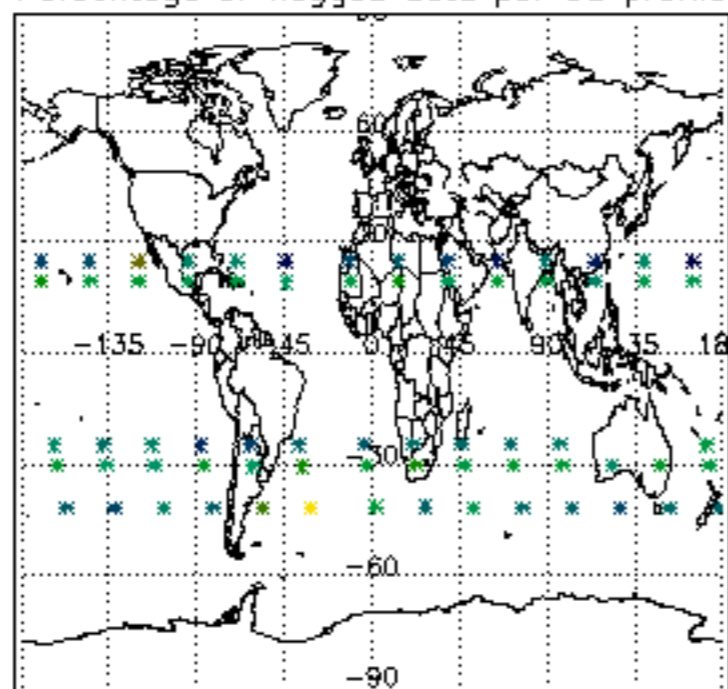




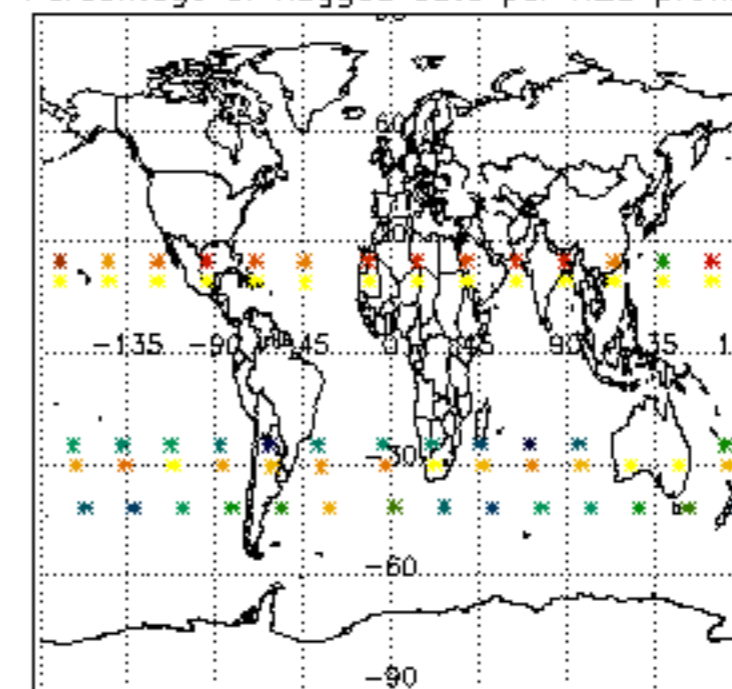




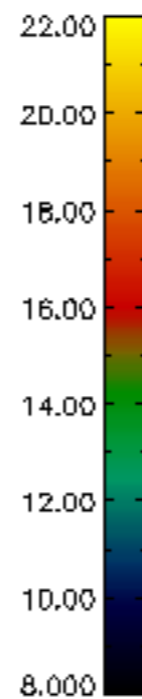
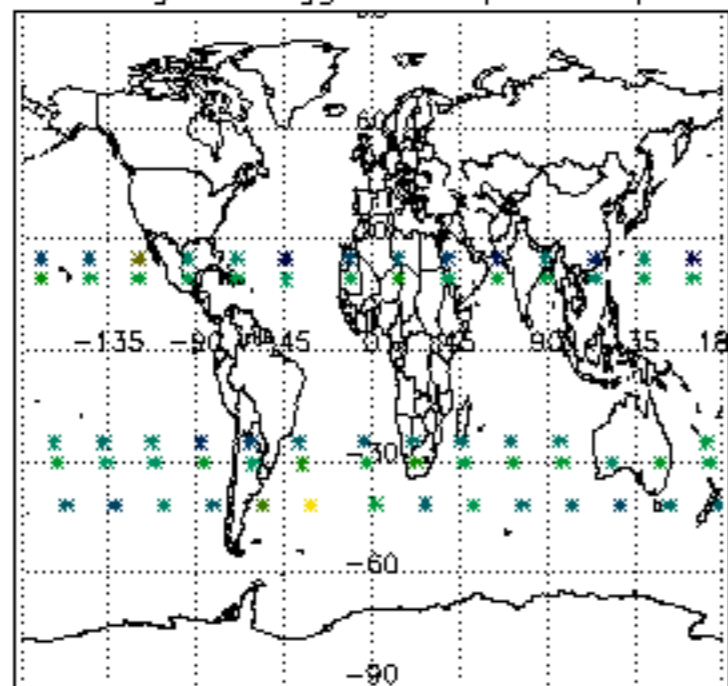
Percentage of flagged data per D3 profile



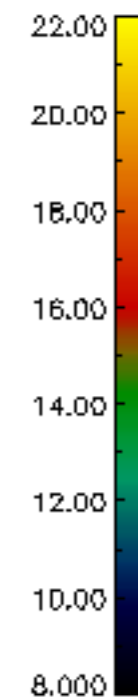
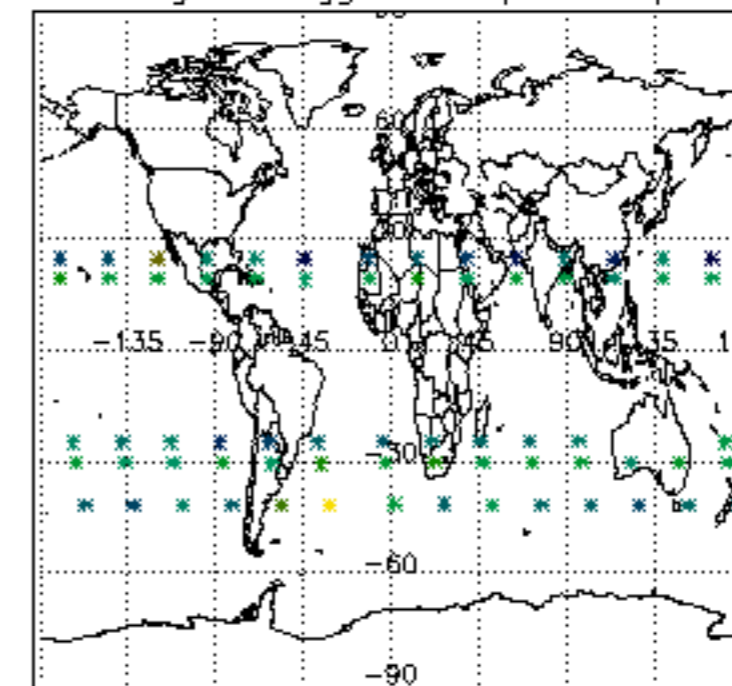
Percentage of flagged data per H2O profile

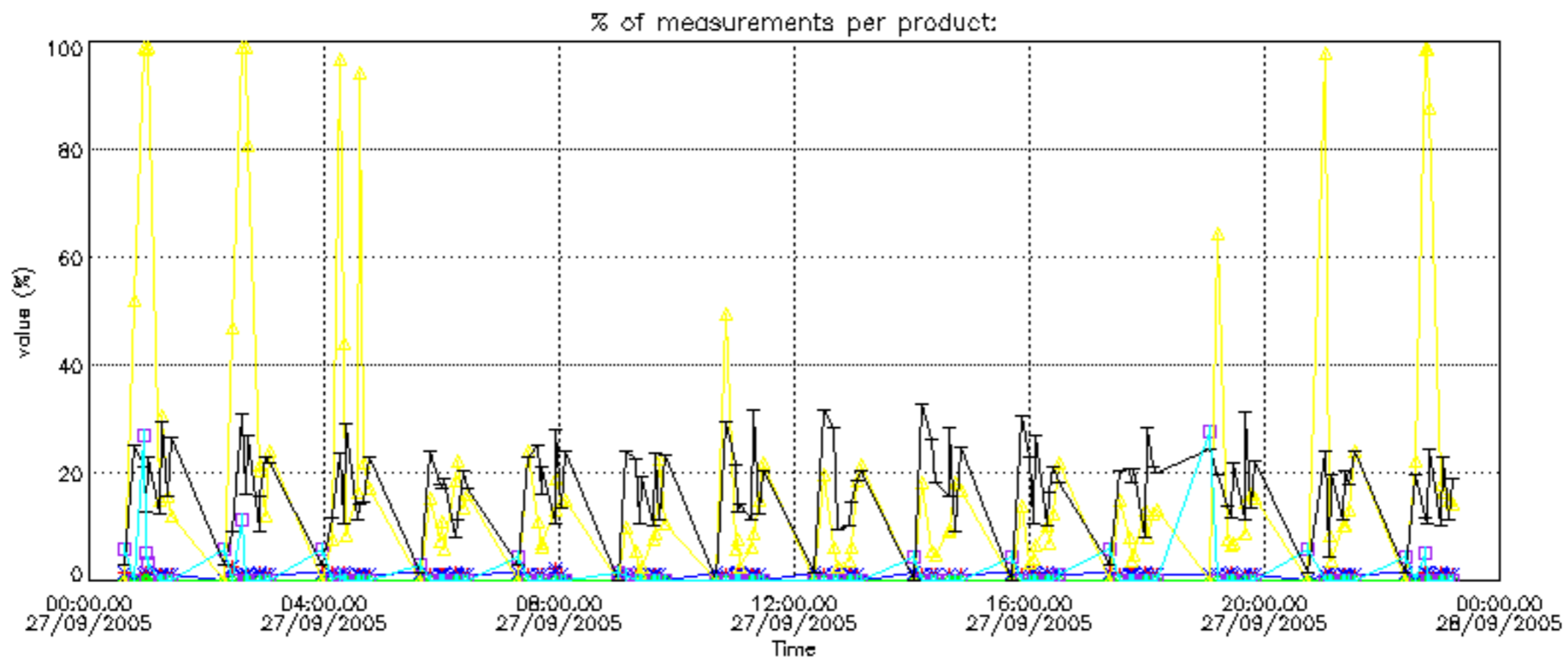


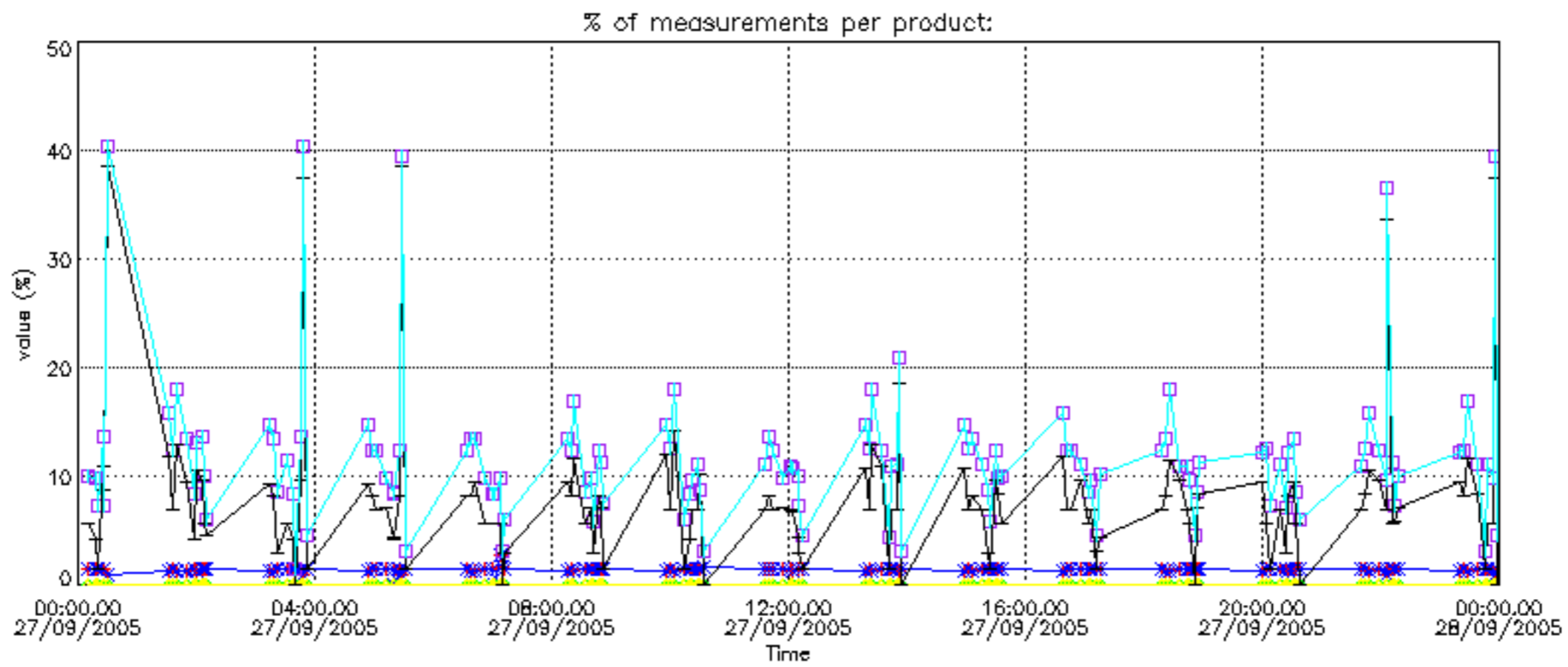
Percentage of flagged data per NO2 profile



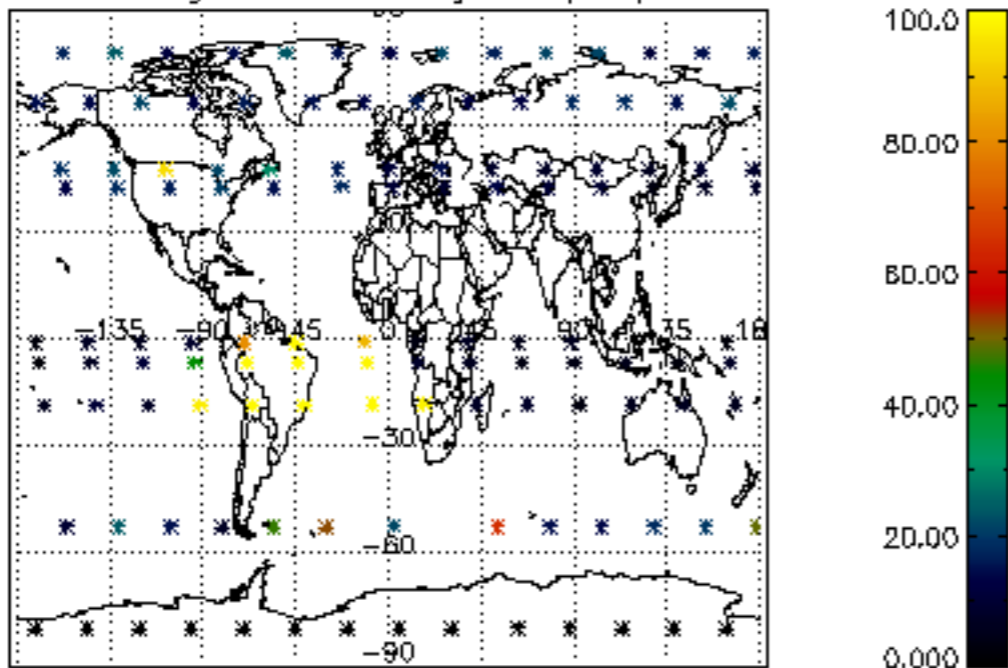
Percentage of flagged data per NO3 profile



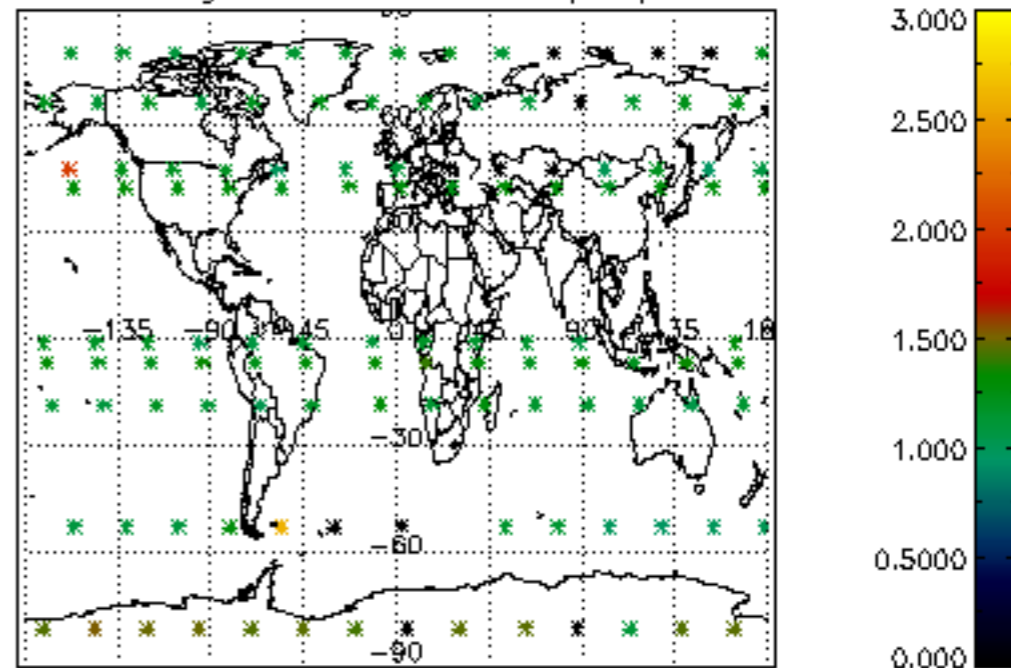




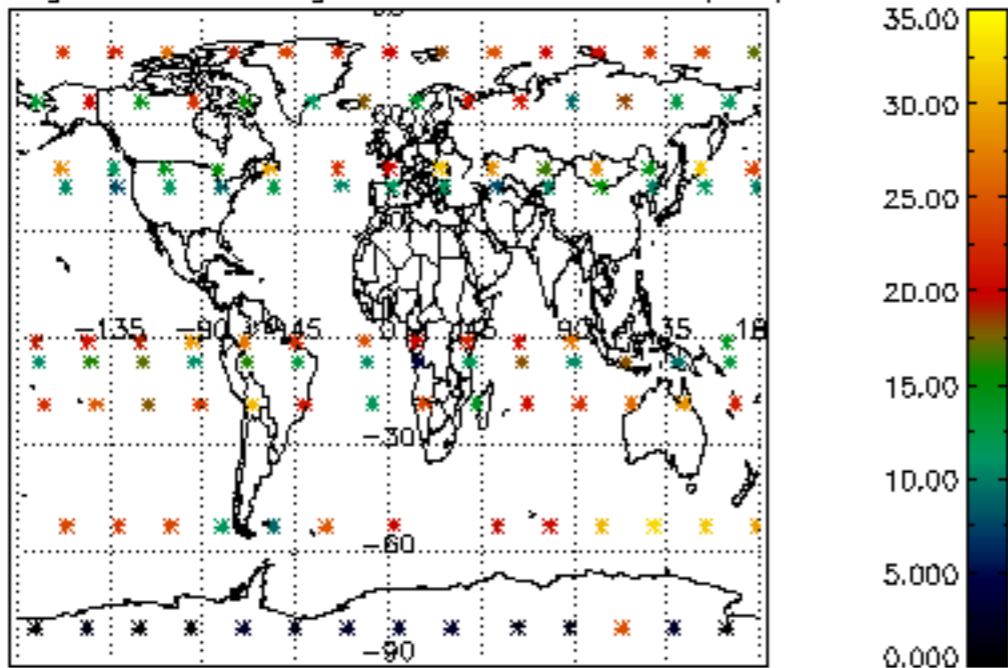
Percentage of cosmic ray hits per profile



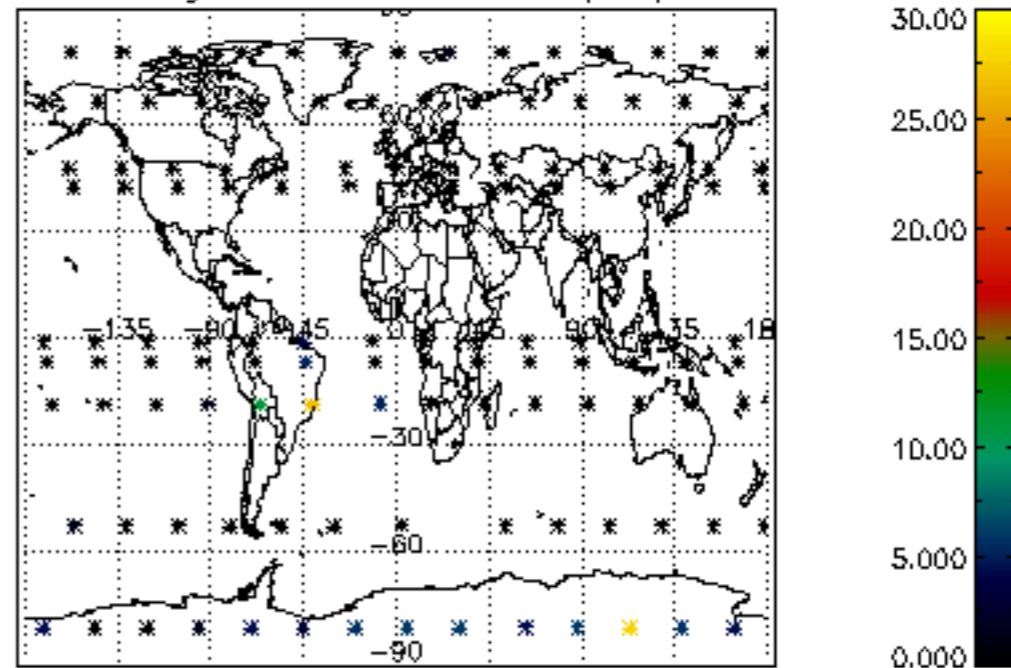
Percentage of datation errors per profile



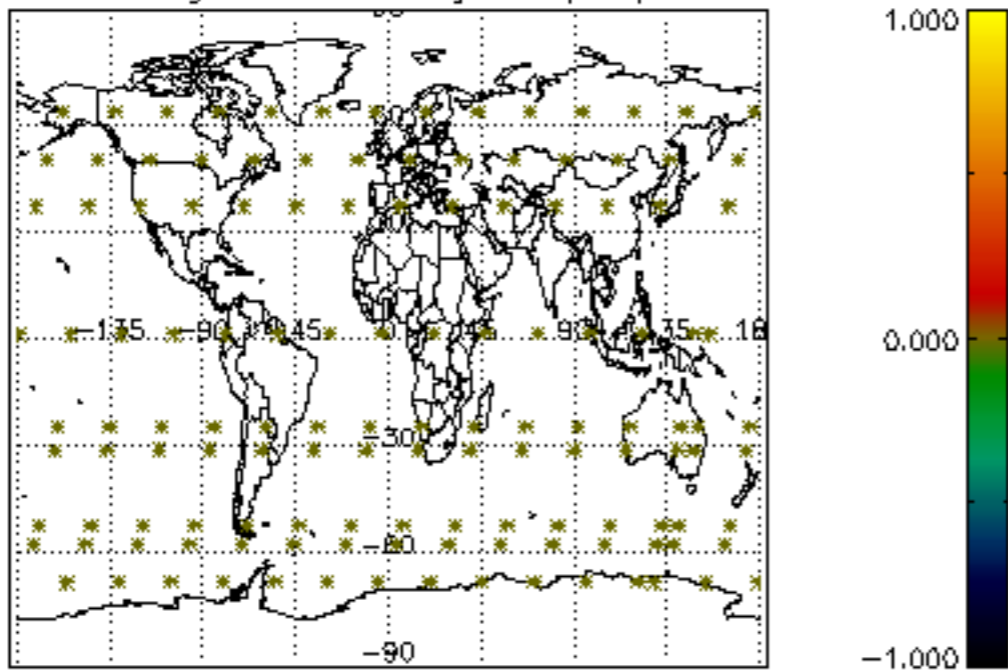
Percentage of star falling outside central band per profile



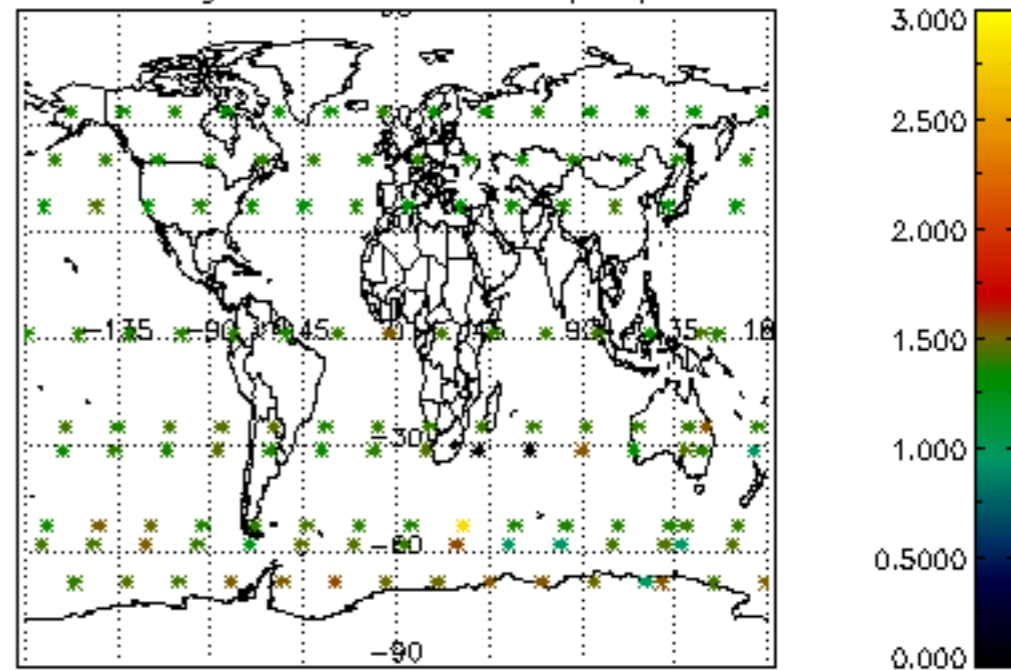
Percentage of saturation errors per profile



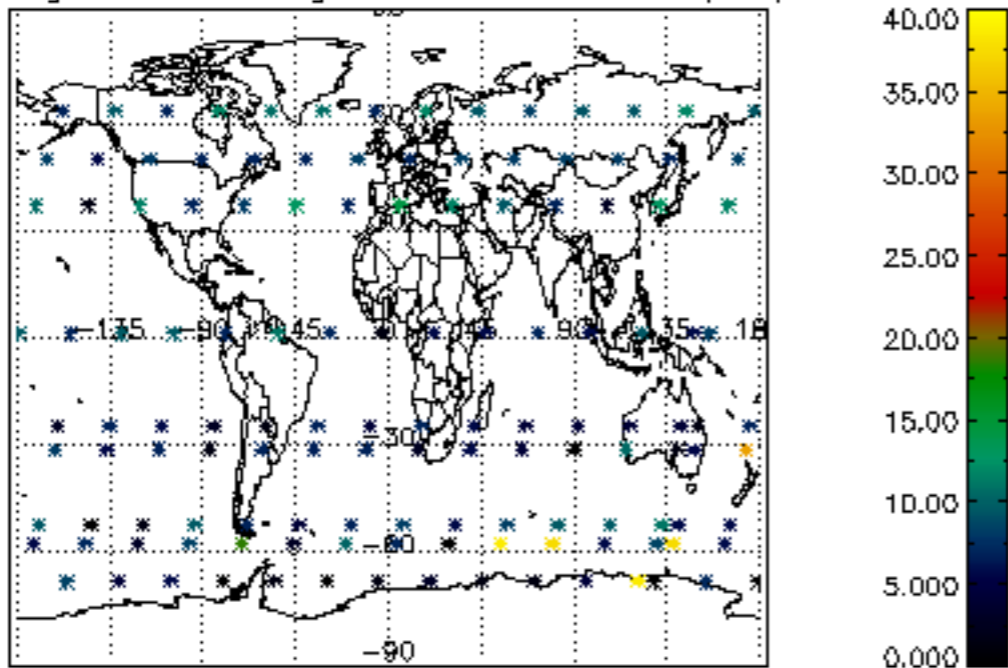
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

