

# 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	23APR2013 22:37:48
Data source version	GOMOS/6.01
Start time of products	29-05-2006 (29MAY2006 00:00:00)
Stop time of products	30-05-2006 (30MAY2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	252
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__2PRFIN20060529_000655_000000412048_00088_22186_0332.N1	29-MAY-2006 00:06:55	Straylight	40.500	147	Alp Ara	2.8770	26000.	81	22186	No
2	GOM_NL__2PRFIN20060529_000835_000000472048_00088_22186_0333.N1	29-MAY-2006 00:08:35	Straylight	46.500	40	The Sco	1.8590	7100.0	93	22186	No
3	GOM_NL__2PRFIN20060529_001024_000000482048_00088_22186_0334.N1	29-MAY-2006 00:10:24	Twilight	47.500	25	35Lam Sco	1.6200	28000.	95	22186	No
4	GOM_NL__2PRFIN20060529_001216_000000482048_00088_22186_0335.N1	29-MAY-2006 00:12:16	Twilight	47.500	75	26Eps Sco	2.2910	4250.0	95	22186	No
5	GOM_NL__2PRFIN20060529_001422_000000402048_00088_22186_0336.N1	29-MAY-2006 00:14:22	Twilight	40.000	136	23Tau Sco	2.8220	30000.	80	22186	No
6	GOM_NL__2PRFIN20060529_001807_000000482048_00088_22186_0337.N1	29-MAY-2006 00:18:07	Bright	47.500	86	35Eta Oph	2.4300	10200.	95	22186	No
7	GOM_NL__2PRFIN20060529_002002_000000432048_00088_22186_0338.N1	29-MAY-2006 00:20:02	Bright	43.000	98	13Zet Oph	2.5710	30000.	86	22186	No
8	GOM_NL__2PRFIN20060529_002215_000000412048_00088_22186_0339.N1	29-MAY-2006 00:22:15	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	22186	No
9	GOM_NL__2PRFIN20060529_002517_000000382048_00088_22186_0340.N1	29-MAY-2006 00:25:17	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	22186	No
10	GOM_NL__2PRFIN20060529_003116_000000382048_00088_22186_0341.N1	29-MAY-2006 00:31:16	Bright	38.000	67	5Alp CrB	2.2210	11000.	76	22186	No
11	GOM_NL__2PRFIN20060529_003414_000000452048_00088_22186_0342.N1	29-MAY-2006 00:34:14	Bright	44.500	133	40Zet Her	2.8070	6000.0	89	22186	No
12	GOM_NL__2PRFIN20060529_004159_000000402048_00088_22186_0343.N1	29-MAY-2006 00:41:59	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	22186	No
13	GOM_NL__2PRFIN20060529_005236_000000452048_00088_22186_0344.N1	29-MAY-2006 00:52:36	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	22186	No
14	GOM_NL__2PRFIN20060529_005713_000000552048_00088_22186_0345.N1	29-MAY-2006 00:57:13	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	22186	No
15	GOM_NL__2PRFIN20060529_010450_000000422048_00088_22186_0346.N1	29-MAY-2006 01:04:50	Bright	41.500	53	43Bet And	2.0480	3300.0	83	22186	No
16	GOM_NL__2PRFIN20060529_010727_000000512048_00088_22186_0347.N1	29-MAY-2006 01:07:27	Twilight	50.500	58	21Alp And	2.0730	11000.	101	22186	No
17	GOM_NL__2PRFIN20060529_011211_000000512048_00088_22186_0348.N1	29-MAY-2006 01:12:11	Dark	50.500	140	88Gam Peg	2.8340	26000.	101	22186	No
18	GOM_NL__2PRFIN20060529_012920_000000562048_00088_22186_0349.N1	29-MAY-2006 01:29:20	Dark	55.500	18	24Alp PsA	1.1660	9700.0	111	22186	No
19	GOM_NL__2PRFIN20060529_013256_000000522048_00089_22187_0329.N1	29-MAY-2006 01:32:56	Dark	52.000	63	Bet Gru	2.1500	2800.0	104	22187	No
20	GOM_NL__2PRFIN20060529_013444_000000462048_00089_22187_0330.N1	29-MAY-2006 01:34:44	Dark	46.000	31	Alp Gru	1.7340	15200.	92	22187	No
21	GOM_NL__2PRFIN20060529_013953_000000402048_00089_22187_0331.N1	29-MAY-2006 01:39:53	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	22187	No
22	GOM_NL__2PRFIN20060529_014732_000000422048_00089_22187_0332.N1	29-MAY-2006 01:47:32	Straylight	42.000	147	Alp Ara	2.8770	26000.	84	22187	No
23	GOM_NL__2PRFIN20060529_014912_000000502048_00089_22187_0333.N1	29-MAY-2006 01:49:12	Straylight	50.000	40	The Sco	1.8590	7100.0	100	22187	No
24	GOM_NL__2PRFIN20060529_015101_000000452048_00089_22187_0334.N1	29-MAY-2006 01:51:01	Twilight	45.000	25	35Lam Sco	1.6200	28000.	90	22187	No
25	GOM_NL__2PRFIN20060529_015253_000000502048_00089_22187_0335.N1	29-MAY-2006 01:52:53	Twilight	49.500	75	26Eps Sco	2.2910	4250.0	99	22187	No
26	GOM_NL__2PRFIN20060529_015458_000000412048_00089_22187_0336.N1	29-MAY-2006 01:54:58	Twilight	40.500	136	23Tau Sco	2.8220	30000.	81	22187	No
27	GOM_NL__2PRFIN20060529_015843_000000492048_00089_22187_0337.N1	29-MAY-2006 01:58:43	Bright	48.500	86	35Eta Oph	2.4300	10200.	97	22187	No
28	GOM_NL__2PRFIN20060529_020037_000000432048_00089_22187_0338.N1	29-MAY-2006 02:00:37	Bright	43.000	98	13Zet Oph	2.5710	30000.	86	22187	No
29	GOM_NL__2PRFIN20060529_020251_000000412048_00089_22187_0339.N1	29-MAY-2006 02:02:51	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	22187	No
30	GOM_NL__2PRFIN20060529_020553_000000382048_00089_22187_0340.N1	29-MAY-2006 02:05:53	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	22187	No
31	GOM_NL__2PRFIN20060529_021152_000000372048_00089_22187_0341.N1	29-MAY-2006 02:11:52	Bright	36.500	67	5Alp CrB	2.2210	11000.	73	22187	No
32	GOM_NL__2PRFIN20060529_021449_000000512048_00089_22187_0342.N1	29-MAY-2006 02:14:49	Bright	50.500	133	40Zet Her	2.8070	6000.0	101	22187	No
33	GOM_NL__2PRFIN20060529_022235_000000352048_00089_22187_0343.N1	29-MAY-2006 02:22:35	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	22187	No
34	GOM_NL__2PRFIN20060529_023312_000000432048_00089_22187_0344.N1	29-MAY-2006 02:33:12	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	22187	No
35	GOM_NL__2PRFIN20060529_023749_000000352048_00089_22187_0345.N1	29-MAY-2006 02:37:49	Bright	35.000	76	27Gam Cas	2.3000	30000.	70	22187	No
36	GOM_NL__2PRFIN20060529_024526_000000412048_00089_22187_0346.N1	29-MAY-2006 02:45:26	Bright	40.500	53	43Bet And	2.0480	3300.0	81	22187	No
37	GOM_NL__2PRFIN20060529_024803_000000522048_00089_22187_0347.N1	29-MAY-2006 02:48:03	Twilight	51.500	58	21Alp And	2.0730	11000.	103	22187	No
38	GOM_NL__2PRFIN20060529_025248_000000472048_00089_22187_0348.N1	29-MAY-2006 02:52:48	Dark	47.000	140	88Gam Peg	2.8340	26000.	94	22187	No
39	GOM_NL__2PRFIN20060529_030957_000000682048_00089_22187_0349.N1	29-MAY-2006 03:09:57	Dark	68.000	18	24Alp PsA	1.1660	9700.0	136	22187	No
40	GOM_NL__2PRFIN20060529_031333_000000612048_00090_22188_0329.N1	29-MAY-2006 03:13:33	Dark	61.000	63	Bet Gru	2.1500	2800.0	122	22188	No
41	GOM_NL__2PRFIN20060529_031521_000000462048_00090_22188_0330.N1	29-MAY-2006 03:15:21	Dark	45.500	31	Alp Gru	1.7340	15200.	91	22188	No
42	GOM_NL__2PRFIN20060529_032030_000000452048_00090_22188_0331.N1	29-MAY-2006 03:20:30	Straylight	44.500	45	Alp Pav	1.9400	26000.	89	22188	No

43	GOM_NL__2PRFIN20060529_032948_000000432048_00090_22188_0332.N1	29-MAY-2006 03:29:48	Straylight	43.000	40	The Sco	1.8590	7100.0	86	22188	No
44	GOM_NL__2PRFIN20060529_033137_000000462048_00090_22188_0333.N1	29-MAY-2006 03:31:37	Twilight_stray	45.500	25	35Lam Sco	1.6200	28000.	91	22188	No
45	GOM_NL__2PRFIN20060529_033329_000000462048_00090_22188_0334.N1	29-MAY-2006 03:33:29	Twilight_stray	45.500	75	26Eps Sco	2.2910	4250.0	91	22188	No
46	GOM_NL__2PRFIN20060529_033534_000000432048_00090_22188_0335.N1	29-MAY-2006 03:35:34	Twilight_stray	43.000	136	23Tau Sco	2.8220	30000.	86	22188	No
47	GOM_NL__2PRFIN20060529_033919_000000482048_00090_22188_0336.N1	29-MAY-2006 03:39:19	Bright	48.000	86	35Eta Oph	2.4300	10200.	96	22188	No
48	GOM_NL__2PRFIN20060529_034113_000000422048_00090_22188_0337.N1	29-MAY-2006 03:41:13	Bright	41.500	98	13Zet Oph	2.5710	30000.	83	22188	No
49	GOM_NL__2PRFIN20060529_034327_000000412048_00090_22188_0338.N1	29-MAY-2006 03:43:27	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	22188	No
50	GOM_NL__2PRFIN20060529_034629_000000382048_00090_22188_0339.N1	29-MAY-2006 03:46:29	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	22188	No
51	GOM_NL__2PRFIN20060529_035228_000000372048_00090_22188_0340.N1	29-MAY-2006 03:52:28	Bright	37.000	67	5Alp CrB	2.2210	11000.	74	22188	No
52	GOM_NL__2PRFIN20060529_035525_000000452048_00090_22188_0341.N1	29-MAY-2006 03:55:25	Bright	45.000	133	40Zet Her	2.8070	6000.0	90	22188	No
53	GOM_NL__2PRFIN20060529_040310_000000372048_00090_22188_0342.N1	29-MAY-2006 04:03:10	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	22188	No
54	GOM_NL__2PRFIN20060529_041346_000000452048_00090_22188_0343.N1	29-MAY-2006 04:13:46	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	22188	No
55	GOM_NL__2PRFIN20060529_041825_000000552048_00090_22188_0344.N1	29-MAY-2006 04:18:25	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	22188	No
56	GOM_NL__2PRFIN20060529_042602_000000422048_00090_22188_0345.N1	29-MAY-2006 04:26:02	Bright	41.500	53	43Bet And	2.0480	3300.0	83	22188	No
57	GOM_NL__2PRFIN20060529_042840_000000512048_00090_22188_0346.N1	29-MAY-2006 04:28:40	Twilight_stray	51.000	58	21Alp And	2.0730	11000.	102	22188	No
58	GOM_NL__2PRFIN20060529_043324_000000492048_00090_22188_0347.N1	29-MAY-2006 04:33:24	Dark	48.500	140	88Gam Peg	2.8340	26000.	97	22188	No
59	GOM_NL__2PRFIN20060529_044219_000000442048_00090_22188_0348.N1	29-MAY-2006 04:42:19	Dark	44.000	52	16Bet Cet	2.0370	4500.0	88	22188	No
60	GOM_NL__2PRFIN20060529_045034_000000542048_00090_22188_0349.N1	29-MAY-2006 04:50:34	Dark	54.000	18	24Alp PsA	1.1660	9700.0	108	22188	No
61	GOM_NL__2PRFIN20060529_045409_000000472048_00091_22189_0329.N1	29-MAY-2006 04:54:09	Dark	47.000	63	Bet Gru	2.1500	2800.0	94	22189	No
62	GOM_NL__2PRFIN20060529_045558_000000462048_00091_22189_0330.N1	29-MAY-2006 04:55:58	Dark	45.500	31	Alp Gru	1.7340	15200.	91	22189	No
63	GOM_NL__2PRFIN20060529_050106_000000432048_00091_22189_0331.N1	29-MAY-2006 05:01:06	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	22189	No
64	GOM_NL__2PRFIN20060529_051025_000000472048_00091_22189_0332.N1	29-MAY-2006 05:10:25	Straylight	47.000	40	The Sco	1.8590	7100.0	94	22189	No
65	GOM_NL__2PRFIN20060529_051214_000000482048_00091_22189_0333.N1	29-MAY-2006 05:12:14	Twilight_stray	48.000	25	35Lam Sco	1.6200	28000.	96	22189	No
66	GOM_NL__2PRFIN20060529_051405_000000442048_00091_22189_0334.N1	29-MAY-2006 05:14:05	Twilight_stray	44.000	75	26Eps Sco	2.2910	4250.0	88	22189	No
67	GOM_NL__2PRFIN20060529_051610_000000422048_00091_22189_0335.N1	29-MAY-2006 05:16:10	Twilight_stray	42.000	136	23Tau Sco	2.8220	30000.	84	22189	No
68	GOM_NL__2PRFIN20060529_051955_000000472048_00091_22189_0336.N1	29-MAY-2006 05:19:55	Bright	47.000	86	35Eta Oph	2.4300	10200.	94	22189	No
69	GOM_NL__2PRFIN20060529_052150_000000432048_00091_22189_0337.N1	29-MAY-2006 05:21:50	Bright	43.000	98	13Zet Oph	2.5710	30000.	86	22189	No
70	GOM_NL__2PRFIN20060529_052403_000000412048_00091_22189_0338.N1	29-MAY-2006 05:24:03	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	22189	No
71	GOM_NL__2PRFIN20060529_052705_000000382048_00091_22189_0339.N1	29-MAY-2006 05:27:05	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	22189	No
72	GOM_NL__2PRFIN20060529_053303_000000362048_00091_22189_0340.N1	29-MAY-2006 05:33:03	Bright	35.500	67	5Alp CrB	2.2210	11000.	71	22189	No
73	GOM_NL__2PRFIN20060529_053600_000000442048_00091_22189_0341.N1	29-MAY-2006 05:36:00	Bright	44.000	133	40Zet Her	2.8070	6000.0	88	22189	No
74	GOM_NL__2PRFIN20060529_054346_000000392048_00091_22189_0342.N1	29-MAY-2006 05:43:46	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	22189	No
75	GOM_NL__2PRFIN20060529_055422_000000452048_00091_22189_0343.N1	29-MAY-2006 05:54:22	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	22189	No
76	GOM_NL__2PRFIN20060529_055901_000000482048_00091_22189_0344.N1	29-MAY-2006 05:59:01	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	22189	No
77	GOM_NL__2PRFIN20060529_060638_000000412048_00091_22189_0345.N1	29-MAY-2006 06:06:38	Bright	40.500	53	43Bet And	2.0480	3300.0	81	22189	No
78	GOM_NL__2PRFIN20060529_060916_000000512048_00091_22189_0346.N1	29-MAY-2006 06:09:16	Twilight_stray	51.000	58	21Alp And	2.0730	11000.	102	22189	No
79	GOM_NL__2PRFIN20060529_061401_000000482048_00091_22189_0347.N1	29-MAY-2006 06:14:01	Dark	47.500	140	88Gam Peg	2.8340	26000.	95	22189	No
80	GOM_NL__2PRFIN20060529_062256_000000462048_00091_22189_0348.N1	29-MAY-2006 06:22:56	Dark	46.000	52	16Bet Cet	2.0370	4500.0	92	22189	No
81	GOM_NL__2PRFIN20060529_063111_000000662048_00091_22189_0349.N1	29-MAY-2006 06:31:11	Dark	66.000	18	24Alp PsA	1.1660	9700.0	132	22189	No
82	GOM_NL__2PRFIN20060529_063446_000000612048_00092_22190_0329.N1	29-MAY-2006 06:34:46	Dark	60.500	63	Bet Gru	2.1500	2800.0	121	22190	No
83	GOM_NL__2PRFIN20060529_063635_000000462048_00092_22190_0330.N1	29-MAY-2006 06:36:35	Dark	45.500	31	Alp Gru	1.7340	15200.	91	22190	No
84	GOM_NL__2PRFIN20060529_064143_000000432048_00092_22190_0331.N1	29-MAY-2006 06:41:43	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	22190	No
85	GOM_NL__2PRFIN20060529_065101_000000482048_00092_22190_0332.N1	29-MAY-2006 06:51:01	Straylight	48.000	40	The Sco	1.8590	7100.0	96	22190	No
86	GOM_NL__2PRFIN20060529_065250_000000512048_00092_22190_0333.N1	29-MAY-2006 06:52:50	Twilight_stray	50.500	25	35Lam Sco	1.6200	28000.	101	22190	No
87	GOM_NL__2PRFIN20060529_065442_000000472048_00092_22190_0334.N1	29-MAY-2006 06:54:42	Twilight_stray	47.000	75	26Eps Sco	2.2910	4250.0	94	22190	No
88	GOM_NL__2PRFIN20060529_065647_000000432048_00092_22190_0335.N1	29-MAY-2006 06:56:47	Twilight_stray	43.000	136	23Tau Sco	2.8220	30000.	86	22190	No
89	GOM_NL__2PRFIN20060529_070031_000000472048_00092_22190_0336.N1	29-MAY-2006 07:00:31	Bright	47.000	86	35Eta Oph	2.4300	10200.	94	22190	No
90	GOM_NL__2PRFIN20060529_070225_000000432048_00092_22190_0337.N1	29-MAY-2006 07:02:25	Bright	42.500	98	13Zet Oph	2.5710	30000.	85	22190	No
91	GOM_NL__2PRFIN20060529_070439_000000412048_00092_22190_0338.N1	29-MAY-2006 07:04:39	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	22190	No
92	GOM_NL__2PRFIN20060529_070741_000000382048_00092_22190_0339.N1	29-MAY-2006 07:07:41	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	22190	No
93	GOM_NL__2PRFIN20060529_071339_000000382048_00092_22190_0340.N1	29-MAY-2006 07:13:39	Bright	38.000	67	5Alp CrB	2.2210	11000.	76	22190	No
94	GOM_NL__2PRFIN20060529_071635_000000442048_00092_22190_0341.N1	29-MAY-2006 07:16:35	Bright	43.500	133	40Zet Her	2.8070	6000.0	87	22190	No
95	GOM_NL__2PRFIN20060529_072422_000000392048_00092_22190_0342.N1	29-MAY-2006 07:24:22	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	22190	No
96	GOM_NL__2PRFIN20060529_073457_000000462048_00092_22190_0343.N1	29-MAY-2006 07:34:57	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	22190	No
97	GOM_NL__2PRFIN20060529_073937_000000542048_00092_22190_0344.N1	29-MAY-2006 07:39:37	Bright	53.500	76	27Gam Cas	2.3000	30000.	107	22190	No
98	GOM_NL__2PRFIN20060529_074714_000000422048_00092_22190_0345.N1	29-MAY-2006 07:47:14	Bright	42.000	53	43Bet And	2.0480	3300.0	84	22190	No
99	GOM_NL__2PRFIN20060529_074952_000000512048_00092_22190_0346.N1	29-MAY-2006 07:49:52	Twilight_stray	50.500	58	21Alp And	2.0730	11000.	101	22190	No
100	GOM_NL__2PRFIN20060529_075437_000000492048_00092_22190_0347.N1	29-MAY-2006 07:54:37	Dark	48.500	140	88Gam Peg	2.8340	26000.	97	22190	No
101	GOM_NL__2PRFIN20060529_080332_000000492048_00092_22190_0348.N1	29-MAY-2006 08:03:32	Dark	48.500	52	16Bet Cet	2.0370	4500.0	97	22190	No

102	GOM_NL__2PRFIN20060529_081148_000000532048_00092_22190_0349.N1	29-MAY-2006 08:11:48	Dark	52.500	18	24Alp PsA	1.1660	9700.0	105	22190	No
103	GOM_NL__2PRFIN20060529_081523_000000512048_00093_22191_0329.N1	29-MAY-2006 08:15:23	Dark	50.500	63	Bet Gru	2.1500	2800.0	101	22191	No
104	GOM_NL__2PRFIN20060529_081712_000000462048_00093_22191_0330.N1	29-MAY-2006 08:17:12	Dark	46.000	31	Alp Gru	1.7340	15200.	92	22191	No
105	GOM_NL__2PRFIN20060529_082220_000000422048_00093_22191_0331.N1	29-MAY-2006 08:22:20	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	22191	No
106	GOM_NL__2PRFIN20060529_083138_000000482048_00093_22191_0332.N1	29-MAY-2006 08:31:38	Straylight	47.500	40	The Sco	1.8590	7100.0	95	22191	No
107	GOM_NL__2PRFIN20060529_083326_000000492048_00093_22191_0333.N1	29-MAY-2006 08:33:26	Twl_and_stray	49.000	25	35Lam Sco	1.6200	28000.	98	22191	No
108	GOM_NL__2PRFIN20060529_083518_000000452048_00093_22191_0334.N1	29-MAY-2006 08:35:18	Twl_and_stray	45.000	75	26Eps Sco	2.2910	4250.0	90	22191	No
109	GOM_NL__2PRFIN20060529_083723_000000402048_00093_22191_0335.N1	29-MAY-2006 08:37:23	Twl_and_stray	39.500	136	23Tau Sco	2.8220	30000.	79	22191	No
110	GOM_NL__2PRFIN20060529_084107_000000472048_00093_22191_0336.N1	29-MAY-2006 08:41:07	Bright	47.000	86	35Eta Oph	2.4300	10200.	94	22191	No
111	GOM_NL__2PRFIN20060529_084302_000000422048_00093_22191_0337.N1	29-MAY-2006 08:43:02	Bright	41.500	98	13Zet Oph	2.5710	30000.	83	22191	No
112	GOM_NL__2PRFIN20060529_084515_000000412048_00093_22191_0338.N1	29-MAY-2006 08:45:15	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	22191	No
113	GOM_NL__2PRFIN20060529_084817_000000372048_00093_22191_0339.N1	29-MAY-2006 08:48:17	Bright	37.000	102	24Alp Ser	2.6000	4250.0	74	22191	No
114	GOM_NL__2PRFIN20060529_085415_000000392048_00093_22191_0340.N1	29-MAY-2006 08:54:15	Bright	38.500	67	5Alp CrB	2.2210	11000.	77	22191	No
115	GOM_NL__2PRFIN20060529_085711_000000482048_00093_22191_0341.N1	29-MAY-2006 08:57:11	Bright	47.500	133	40Zet Her	2.8070	6000.0	95	22191	No
116	GOM_NL__2PRFIN20060529_090458_000000392048_00093_22191_0342.N1	29-MAY-2006 09:04:58	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	22191	No
117	GOM_NL__2PRFIN20060529_091533_000000452048_00093_22191_0343.N1	29-MAY-2006 09:15:33	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	22191	No
118	GOM_NL__2PRFIN20060529_092013_000000552048_00093_22191_0344.N1	29-MAY-2006 09:20:13	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	22191	No
119	GOM_NL__2PRFIN20060529_092750_000000422048_00093_22191_0345.N1	29-MAY-2006 09:27:50	Bright	42.000	53	43Bet And	2.0480	3300.0	84	22191	No
120	GOM_NL__2PRFIN20060529_093028_000000502048_00093_22191_0346.N1	29-MAY-2006 09:30:28	Twl_and_stray	49.500	58	21Alp And	2.0730	11000.	99	22191	No
121	GOM_NL__2PRFIN20060529_093514_000000492048_00093_22191_0347.N1	29-MAY-2006 09:35:14	Dark	48.500	140	88Gam Peg	2.8340	26000.	97	22191	No
122	GOM_NL__2PRFIN20060529_094409_000000452048_00093_22191_0348.N1	29-MAY-2006 09:44:09	Dark	45.000	52	16Bet Cet	2.0370	4500.0	90	22191	No
123	GOM_NL__2PRFIN20060529_095225_000000532048_00093_22191_0349.N1	29-MAY-2006 09:52:25	Dark	53.000	18	24Alp PsA	1.1660	9700.0	106	22191	No
124	GOM_NL__2PRFIN20060529_095600_000000612048_00094_22192_0329.N1	29-MAY-2006 09:56:00	Dark	60.500	63	Bet Gru	2.1500	2800.0	121	22192	No
125	GOM_NL__2PRFIN20060529_095749_000000462048_00094_22192_0330.N1	29-MAY-2006 09:57:49	Dark	45.500	31	Alp Gru	1.7340	15200.	91	22192	No
126	GOM_NL__2PRFIN20060529_100256_000000442048_00094_22192_0331.N1	29-MAY-2006 10:02:56	Straylight	44.000	45	Alp Pav	1.9400	26000.	88	22192	No
127	GOM_NL__2PRFIN20060529_101214_000000482048_00094_22192_0332.N1	29-MAY-2006 10:12:14	Straylight	48.000	40	The Sco	1.8590	7100.0	96	22192	No
128	GOM_NL__2PRFIN20060529_101403_000000502048_00094_22192_0333.N1	29-MAY-2006 10:14:03	Twl_and_stray	50.000	25	35Lam Sco	1.6200	28000.	100	22192	No
129	GOM_NL__2PRFIN20060529_101554_000000472048_00094_22192_0334.N1	29-MAY-2006 10:15:54	Twl_and_stray	47.000	75	26Eps Sco	2.2910	4250.0	94	22192	No
130	GOM_NL__2PRFIN20060529_101759_000000432048_00094_22192_0335.N1	29-MAY-2006 10:17:59	Twl_and_stray	43.000	136	23Tau Sco	2.8220	30000.	86	22192	No
131	GOM_NL__2PRFIN20060529_102143_000000482048_00094_22192_0336.N1	29-MAY-2006 10:21:43	Bright	47.500	86	35Eta Oph	2.4300	10200.	95	22192	No
132	GOM_NL__2PRFIN20060529_102337_000000412048_00094_22192_0337.N1	29-MAY-2006 10:23:37	Bright	41.000	98	13Zet Oph	2.5710	30000.	82	22192	No
133	GOM_NL__2PRFIN20060529_102551_000000412048_00094_22192_0338.N1	29-MAY-2006 10:25:51	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	22192	No
134	GOM_NL__2PRFIN20060529_102852_000000372048_00094_22192_0339.N1	29-MAY-2006 10:28:52	Bright	36.500	102	24Alp Ser	2.6000	4250.0	73	22192	No
135	GOM_NL__2PRFIN20060529_103451_000000372048_00094_22192_0340.N1	29-MAY-2006 10:34:51	Bright	37.000	67	5Alp CrB	2.2210	11000.	74	22192	No
136	GOM_NL__2PRFIN20060529_103746_000000452048_00094_22192_0341.N1	29-MAY-2006 10:37:46	Bright	44.500	133	40Zet Her	2.8070	6000.0	89	22192	No
137	GOM_NL__2PRFIN20060529_104533_000000392048_00094_22192_0342.N1	29-MAY-2006 10:45:33	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	22192	No
138	GOM_NL__2PRFIN20060529_105609_000000472048_00094_22192_0343.N1	29-MAY-2006 10:56:09	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	22192	No
139	GOM_NL__2PRFIN20060529_110048_000000372048_00094_22192_0344.N1	29-MAY-2006 11:00:48	Bright	36.500	76	27Gam Cas	2.3000	30000.	73	22192	No
140	GOM_NL__2PRFIN20060529_110826_000000412048_00094_22192_0345.N1	29-MAY-2006 11:08:26	Bright	41.000	53	43Bet And	2.0480	3300.0	82	22192	No
141	GOM_NL__2PRFIN20060529_111104_000000502048_00094_22192_0346.N1	29-MAY-2006 11:11:04	Twl_and_stray	49.500	58	21Alp And	2.0730	11000.	99	22192	No
142	GOM_NL__2PRFIN20060529_111550_000000482048_00094_22192_0347.N1	29-MAY-2006 11:15:50	Dark	47.500	140	88Gam Peg	2.8340	26000.	95	22192	No
143	GOM_NL__2PRFIN20060529_112445_000000452048_00094_22192_0348.N1	29-MAY-2006 11:24:45	Dark	44.500	52	16Bet Cet	2.0370	4500.0	89	22192	No
144	GOM_NL__2PRFIN20060529_113302_000000532048_00094_22192_0349.N1	29-MAY-2006 11:33:02	Dark	53.000	18	24Alp PsA	1.1660	9700.0	106	22192	No
145	GOM_NL__2PRFIN20060529_113636_000000472048_00095_22193_0329.N1	29-MAY-2006 11:36:36	Dark	46.500	63	Bet Gru	2.1500	2800.0	93	22193	No
146	GOM_NL__2PRFIN20060529_113825_000000462048_00095_22193_0330.N1	29-MAY-2006 11:38:25	Dark	46.000	31	Alp Gru	1.7340	15200.	92	22193	No
147	GOM_NL__2PRFIN20060529_114333_000000432048_00095_22193_0331.N1	29-MAY-2006 11:43:33	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	22193	No
148	GOM_NL__2PRFIN20060529_115250_000000462048_00095_22193_0332.N1	29-MAY-2006 11:52:50	Straylight	46.000	40	The Sco	1.8590	7100.0	92	22193	No
149	GOM_NL__2PRFIN20060529_115439_000000492048_00095_22193_0333.N1	29-MAY-2006 11:54:39	Twl_and_stray	48.500	25	35Lam Sco	1.6200	28000.	97	22193	No
150	GOM_NL__2PRFIN20060529_115630_000000462048_00095_22193_0334.N1	29-MAY-2006 11:56:30	Twl_and_stray	45.500	75	26Eps Sco	2.2910	4250.0	91	22193	No
151	GOM_NL__2PRFIN20060529_115835_000000432048_00095_22193_0335.N1	29-MAY-2006 11:58:35	Twl_and_stray	43.000	136	23Tau Sco	2.8220	30000.	86	22193	No
152	GOM_NL__2PRFIN20060529_120219_000000462048_00095_22193_0336.N1	29-MAY-2006 12:02:19	Bright	46.000	86	35Eta Oph	2.4300	10200.	92	22193	No
153	GOM_NL__2PRFIN20060529_120413_000000432048_00095_22193_0337.N1	29-MAY-2006 12:04:13	Bright	43.000	98	13Zet Oph	2.5710	30000.	86	22193	No
154	GOM_NL__2PRFIN20060529_120627_000000412048_00095_22193_0338.N1	29-MAY-2006 12:06:27	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	22193	No
155	GOM_NL__2PRFIN20060529_120928_000000372048_00095_22193_0339.N1	29-MAY-2006 12:09:28	Bright	36.500	102	24Alp Ser	2.6000	4250.0	73	22193	No
156	GOM_NL__2PRFIN20060529_121526_000000362048_00095_22193_0340.N1	29-MAY-2006 12:15:26	Bright	36.000	67	5Alp CrB	2.2210	11000.	72	22193	No
157	GOM_NL__2PRFIN20060529_121821_000000452048_00095_22193_0341.N1	29-MAY-2006 12:18:21	Bright	44.500	133	40Zet Her	2.8070	6000.0	89	22193	No
158	GOM_NL__2PRFIN20060529_122608_000000402048_00095_22193_0342.N1	29-MAY-2006 12:26:08	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	22193	No
159	GOM_NL__2PRFIN20060529_123643_000000472048_00095_22193_0343.N1	29-MAY-2006 12:36:43	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	22193	No
160	GOM_NL__2PRFIN20060529_124125_000000482048_00095_22193_0344.N1	29-MAY-2006 12:41:25	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	22193	No



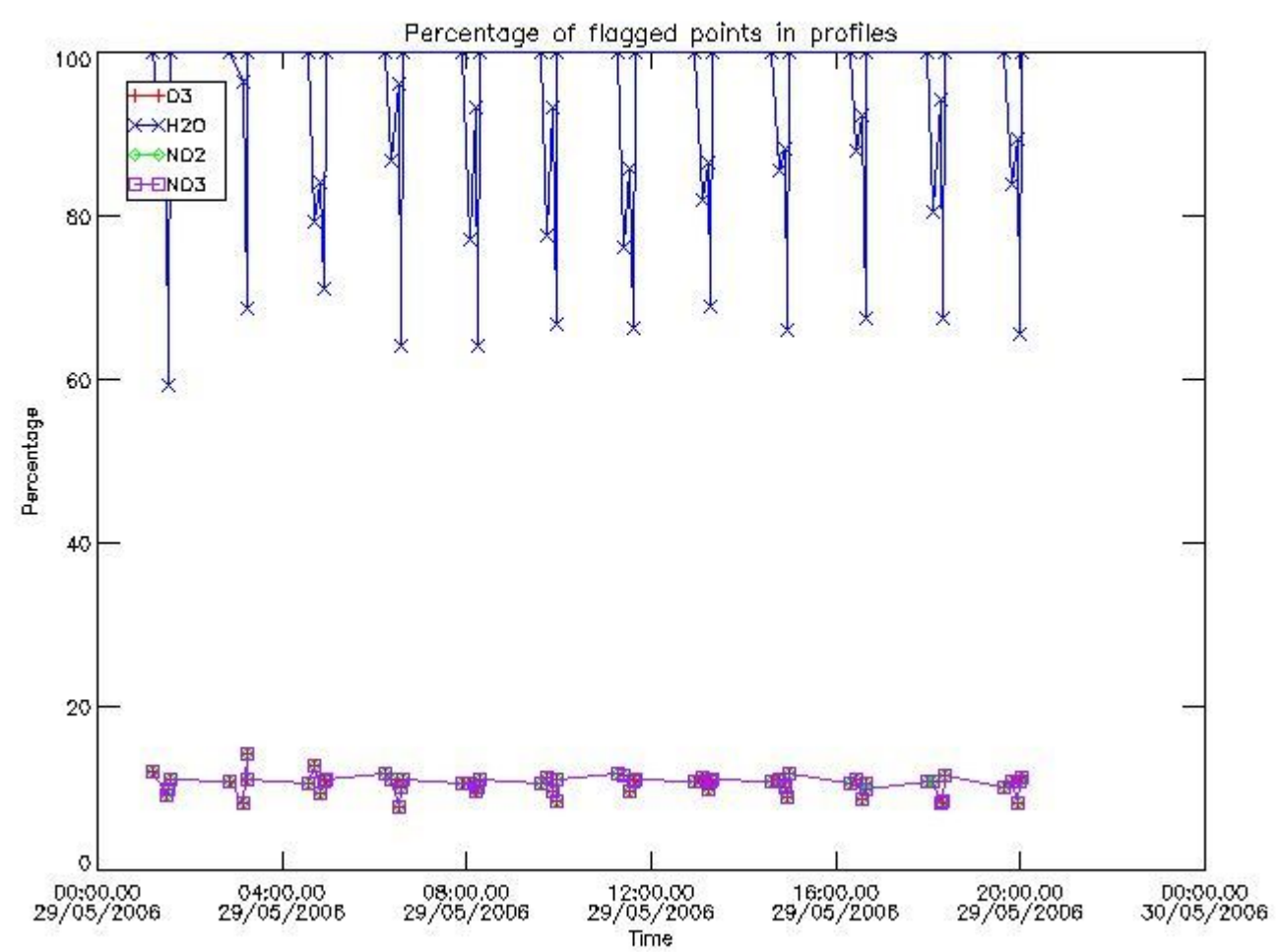
161	GOM_NL__2PRFIN20060529_124902_000000422048_00095_22193_0345.N1	29-MAY-2006 12:49:02	Bright	41.500	53	43Bet And	2.0480	3300.0	83	22193	No
162	GOM_NL__2PRFIN20060529_125140_000000532048_00095_22193_0346.N1	29-MAY-2006 12:51:40	Twilight	52.500	58	21Alp And	2.0730	11000.	105	22193	No
163	GOM_NL__2PRFIN20060529_125626_000000472048_00095_22193_0347.N1	29-MAY-2006 12:56:26	Dark	47.000	140	88Gam Peg	2.8340	26000.	94	22193	No
164	GOM_NL__2PRFIN20060529_130522_000000452048_00095_22193_0348.N1	29-MAY-2006 13:05:22	Dark	45.000	52	16Bet Cet	2.0370	4500.0	90	22193	No
165	GOM_NL__2PRFIN20060529_131340_000000522048_00095_22193_0349.N1	29-MAY-2006 13:13:40	Dark	52.000	18	24Alp PsA	1.1660	9700.0	104	22193	No
166	GOM_NL__2PRFIN20060529_131713_000000472048_00096_22194_0329.N1	29-MAY-2006 13:17:13	Dark	47.000	63	Bet Gru	2.1500	2800.0	94	22194	No
167	GOM_NL__2PRFIN20060529_131902_000000462048_00096_22194_0330.N1	29-MAY-2006 13:19:02	Dark	45.500	31	Alp Gru	1.7340	15200.	91	22194	No
168	GOM_NL__2PRFIN20060529_132410_000000402048_00096_22194_0331.N1	29-MAY-2006 13:24:10	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	22194	No
169	GOM_NL__2PRFIN20060529_133327_000000492048_00096_22194_0332.N1	29-MAY-2006 13:33:27	Straylight	48.500	40	The Sco	1.8590	7100.0	97	22194	No
170	GOM_NL__2PRFIN20060529_133515_000000502048_00096_22194_0333.N1	29-MAY-2006 13:35:15	Twilight	50.000	25	35Lam Sco	1.6200	28000.	100	22194	No
171	GOM_NL__2PRFIN20060529_133707_000000452048_00096_22194_0334.N1	29-MAY-2006 13:37:07	Twilight	44.500	75	26Eps Sco	2.2910	4250.0	89	22194	No
172	GOM_NL__2PRFIN20060529_133911_000000422048_00096_22194_0335.N1	29-MAY-2006 13:39:11	Twilight	42.000	136	23Tau Sco	2.8220	30000.	84	22194	No
173	GOM_NL__2PRFIN20060529_134255_000000482048_00096_22194_0336.N1	29-MAY-2006 13:42:55	Bright	48.000	86	35Eta Oph	2.4300	10200.	96	22194	No
174	GOM_NL__2PRFIN20060529_134449_000000422048_00096_22194_0337.N1	29-MAY-2006 13:44:49	Bright	41.500	98	13Zet Oph	2.5710	30000.	83	22194	No
175	GOM_NL__2PRFIN20060529_134703_000000412048_00096_22194_0338.N1	29-MAY-2006 13:47:03	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	22194	No
176	GOM_NL__2PRFIN20060529_135004_000000382048_00096_22194_0339.N1	29-MAY-2006 13:50:04	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	22194	No
177	GOM_NL__2PRFIN20060529_135602_000000372048_00096_22194_0340.N1	29-MAY-2006 13:56:02	Bright	36.500	67	5Alp CrB	2.2210	11000.	73	22194	No
178	GOM_NL__2PRFIN20060529_135857_000000442048_00096_22194_0341.N1	29-MAY-2006 13:58:57	Bright	44.000	133	40Zet Her	2.8070	6000.0	88	22194	No
179	GOM_NL__2PRFIN20060529_140644_000000402048_00096_22194_0342.N1	29-MAY-2006 14:06:44	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	22194	No
180	GOM_NL__2PRFIN20060529_141719_000000452048_00096_22194_0343.N1	29-MAY-2006 14:17:19	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	22194	No
181	GOM_NL__2PRFIN20060529_142200_000000552048_00096_22194_0344.N1	29-MAY-2006 14:22:00	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	22194	No
182	GOM_NL__2PRFIN20060529_142938_000000452048_00096_22194_0345.N1	29-MAY-2006 14:29:38	Bright	45.000	53	43Bet And	2.0480	3300.0	90	22194	No
183	GOM_NL__2PRFIN20060529_143216_000000512048_00096_22194_0346.N1	29-MAY-2006 14:32:16	Twilight	50.500	58	21Alp And	2.0730	11000.	101	22194	No
184	GOM_NL__2PRFIN20060529_143702_000000472048_00096_22194_0347.N1	29-MAY-2006 14:37:02	Dark	46.500	140	88Gam Peg	2.8340	26000.	93	22194	No
185	GOM_NL__2PRFIN20060529_144558_000000462048_00096_22194_0348.N1	29-MAY-2006 14:45:58	Dark	45.500	52	16Bet Cet	2.0370	4500.0	91	22194	No
186	GOM_NL__2PRFIN20060529_145417_000000552048_00096_22194_0349.N1	29-MAY-2006 14:54:17	Dark	55.000	18	24Alp PsA	1.1660	9700.0	110	22194	No
187	GOM_NL__2PRFIN20060529_145750_000000572048_00097_22195_0329.N1	29-MAY-2006 14:57:50	Dark	56.500	63	Bet Gru	2.1500	2800.0	113	22195	No
188	GOM_NL__2PRFIN20060529_145939_000000472048_00097_22195_0330.N1	29-MAY-2006 14:59:39	Dark	47.000	31	Alp Gru	1.7340	15200.	94	22195	No
189	GOM_NL__2PRFIN20060529_150446_000000432048_00097_22195_0331.N1	29-MAY-2006 15:04:46	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	22195	No
190	GOM_NL__2PRFIN20060529_151403_000000452048_00097_22195_0332.N1	29-MAY-2006 15:14:03	Straylight	45.000	40	The Sco	1.8590	7100.0	90	22195	No
191	GOM_NL__2PRFIN20060529_151552_000000502048_00097_22195_0333.N1	29-MAY-2006 15:15:52	Twilight	49.500	25	35Lam Sco	1.6200	28000.	99	22195	No
192	GOM_NL__2PRFIN20060529_151743_000000472048_00097_22195_0334.N1	29-MAY-2006 15:17:43	Twilight	47.000	75	26Eps Sco	2.2910	4250.0	94	22195	No
193	GOM_NL__2PRFIN20060529_151947_000000412048_00097_22195_0335.N1	29-MAY-2006 15:19:47	Twilight	41.000	136	23Tau Sco	2.8220	30000.	82	22195	No
194	GOM_NL__2PRFIN20060529_152331_000000472048_00097_22195_0336.N1	29-MAY-2006 15:23:31	Bright	46.500	86	35Eta Oph	2.4300	10200.	93	22195	No
195	GOM_NL__2PRFIN20060529_152525_000000442048_00097_22195_0337.N1	29-MAY-2006 15:25:25	Bright	43.500	98	13Zet Oph	2.5710	30000.	87	22195	No
196	GOM_NL__2PRFIN20060529_152738_000000412048_00097_22195_0338.N1	29-MAY-2006 15:27:38	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	22195	No
197	GOM_NL__2PRFIN20060529_153040_000000472048_00097_22195_0339.N1	29-MAY-2006 15:30:40	Bright	46.500	102	24Alp Ser	2.6000	4250.0	93	22195	No
198	GOM_NL__2PRFIN20060529_153638_000000372048_00097_22195_0340.N1	29-MAY-2006 15:36:38	Bright	36.500	67	5Alp CrB	2.2210	11000.	73	22195	No
199	GOM_NL__2PRFIN20060529_153932_000000462048_00097_22195_0341.N1	29-MAY-2006 15:39:32	Bright	45.500	133	40Zet Her	2.8070	6000.0	91	22195	No
200	GOM_NL__2PRFIN20060529_154720_000000362048_00097_22195_0342.N1	29-MAY-2006 15:47:20	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	22195	No
201	GOM_NL__2PRFIN20060529_155754_000000462048_00097_22195_0343.N1	29-MAY-2006 15:57:54	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	22195	No
202	GOM_NL__2PRFIN20060529_160236_000000552048_00097_22195_0344.N1	29-MAY-2006 16:02:36	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	22195	No
203	GOM_NL__2PRFIN20060529_161014_000000422048_00097_22195_0345.N1	29-MAY-2006 16:10:14	Bright	41.500	53	43Bet And	2.0480	3300.0	83	22195	No
204	GOM_NL__2PRFIN20060529_161252_000000522048_00097_22195_0346.N1	29-MAY-2006 16:12:52	Twilight	52.000	58	21Alp And	2.0730	11000.	104	22195	No
205	GOM_NL__2PRFIN20060529_161739_000000482048_00097_22195_0347.N1	29-MAY-2006 16:17:39	Dark	48.000	140	88Gam Peg	2.8340	26000.	96	22195	No
206	GOM_NL__2PRFIN20060529_162635_000000462048_00097_22195_0348.N1	29-MAY-2006 16:26:35	Dark	46.000	52	16Bet Cet	2.0370	4500.0	92	22195	No
207	GOM_NL__2PRFIN20060529_163454_000000592048_00097_22195_0349.N1	29-MAY-2006 16:34:54	Dark	58.500	18	24Alp PsA	1.1660	9700.0	117	22195	No
208	GOM_NL__2PRFIN20060529_163827_000000482048_00098_22196_0349.N1	29-MAY-2006 16:38:27	Dark	48.000	63	Bet Gru	2.1500	2800.0	96	22196	No
209	GOM_NL__2PRFIN20060529_164016_000000522048_00098_22196_0350.N1	29-MAY-2006 16:40:16	Dark	51.500	31	Alp Gru	1.7340	15200.	103	22196	No
210	GOM_NL__2PRFIN20060529_164523_000000412048_00098_22196_0351.N1	29-MAY-2006 16:45:23	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	22196	No
211	GOM_NL__2PRFIN20060529_165439_000000462048_00098_22196_0352.N1	29-MAY-2006 16:54:39	Straylight	46.000	40	The Sco	1.8590	7100.0	92	22196	No
212	GOM_NL__2PRFIN20060529_165628_000000482048_00098_22196_0353.N1	29-MAY-2006 16:56:28	Twilight	47.500	25	35Lam Sco	1.6200	28000.	95	22196	No
213	GOM_NL__2PRFIN20060529_165819_000000462048_00098_22196_0354.N1	29-MAY-2006 16:58:19	Twilight	46.000	75	26Eps Sco	2.2910	4250.0	92	22196	No
214	GOM_NL__2PRFIN20060529_170024_000000412048_00098_22196_0355.N1	29-MAY-2006 17:00:24	Bright	40.500	136	23Tau Sco	2.8220	30000.	81	22196	No
215	GOM_NL__2PRFIN20060529_170407_000000472048_00098_22196_0356.N1	29-MAY-2006 17:04:07	Bright	47.000	86	35Eta Oph	2.4300	10200.	94	22196	No
216	GOM_NL__2PRFIN20060529_170601_000000432048_00098_22196_0357.N1	29-MAY-2006 17:06:01	Bright	42.500	98	13Zet Oph	2.5710	30000.	85	22196	No
217	GOM_NL__2PRFIN20060529_170814_000000412048_00098_22196_0358.N1	29-MAY-2006 17:08:14	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	22196	No
218	GOM_NL__2PRFIN20060529_171116_000000372048_00098_22196_0359.N1	29-MAY-2006 17:11:16	Bright	37.000	102	24Alp Ser	2.6000	4250.0	74	22196	No
219	GOM_NL__2PRFIN20060529_171714_000000392048_00098_22196_0360.N1	29-MAY-2006 17:17:14	Bright	38.500	67	5Alp CrB	2.2210	11000.	77	22196	No

220	GOM_NL__2PRFIN20060529_172007_000000442048_00098_22196_0361.N1	29-MAY-2006 17:20:07	Bright	43.500	133	40Zet Her	2.8070	6000.0	87	22196	No
221	GOM_NL__2PRFIN20060529_172755_000000392048_00098_22196_0362.N1	29-MAY-2006 17:27:55	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	22196	No
222	GOM_NL__2PRFIN20060529_173829_000000472048_00098_22196_0363.N1	29-MAY-2006 17:38:29	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	22196	No
223	GOM_NL__2PRFIN20060529_174312_000000452048_00098_22196_0364.N1	29-MAY-2006 17:43:12	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	22196	No
224	GOM_NL__2PRFIN20060529_175050_000000412048_00098_22196_0365.N1	29-MAY-2006 17:50:50	Bright	41.000	53	43Bet And	2.0480	3300.0	82	22196	No
225	GOM_NL__2PRFIN20060529_175329_000000492048_00098_22196_0366.N1	29-MAY-2006 17:53:29	Twilight	48.500	58	21Alp And	2.0730	11000.	97	22196	No
226	GOM_NL__2PRFIN20060529_175816_000000482048_00098_22196_0367.N1	29-MAY-2006 17:58:16	Dark	47.500	140	88Gam Peg	2.8340	26000.	95	22196	No
227	GOM_NL__2PRFIN20060529_180711_000000472048_00098_22196_0368.N1	29-MAY-2006 18:07:11	Dark	46.500	52	16Bet Cet	2.0370	4500.0	93	22196	No
228	GOM_NL__2PRFIN20060529_181531_000000622048_00098_22196_0369.N1	29-MAY-2006 18:15:31	Dark	62.000	18	24Alp PsA	1.1660	9700.0	124	22196	No
229	GOM_NL__2PRFIN20060529_181904_000000612048_00099_22197_0349.N1	29-MAY-2006 18:19:04	Dark	60.500	63	Bet Gru	2.1500	2800.0	121	22197	No
230	GOM_NL__2PRFIN20060529_182053_000000452048_00099_22197_0350.N1	29-MAY-2006 18:20:53	Dark	44.500	31	Alp Gru	1.7340	15200.	89	22197	No
231	GOM_NL__2PRFIN20060529_182600_000000422048_00099_22197_0351.N1	29-MAY-2006 18:26:00	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	22197	No
232	GOM_NL__2PRFIN20060529_183516_000000492048_00099_22197_0352.N1	29-MAY-2006 18:35:16	Straylight	48.500	40	The Sco	1.8590	7100.0	97	22197	No
233	GOM_NL__2PRFIN20060529_183705_000000492048_00099_22197_0353.N1	29-MAY-2006 18:37:05	Twilight	48.500	25	35Lam Sco	1.6200	28000.	97	22197	No
234	GOM_NL__2PRFIN20060529_183856_000000462048_00099_22197_0354.N1	29-MAY-2006 18:38:56	Twilight	45.500	75	26Eps Sco	2.2910	4250.0	91	22197	No
235	GOM_NL__2PRFIN20060529_184100_000000412048_00099_22197_0355.N1	29-MAY-2006 18:41:00	Bright	40.500	136	23Tau Sco	2.8220	30000.	81	22197	No
236	GOM_NL__2PRFIN20060529_184443_000000472048_00099_22197_0356.N1	29-MAY-2006 18:44:43	Bright	47.000	86	35Eta Oph	2.4300	10200.	94	22197	No
237	GOM_NL__2PRFIN20060529_184637_000000432048_00099_22197_0357.N1	29-MAY-2006 18:46:37	Bright	42.500	98	13Zet Oph	2.5710	30000.	85	22197	No
238	GOM_NL__2PRFIN20060529_184850_000000412048_00099_22197_0358.N1	29-MAY-2006 18:48:50	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	22197	No
239	GOM_NL__2PRFIN20060529_185152_000000372048_00099_22197_0359.N1	29-MAY-2006 18:51:52	Bright	37.000	102	24Alp Ser	2.6000	4250.0	74	22197	No
240	GOM_NL__2PRFIN20060529_185750_000000382048_00099_22197_0360.N1	29-MAY-2006 18:57:50	Bright	38.000	67	5Alp CrB	2.2210	11000.	76	22197	No
241	GOM_NL__2PRFIN20060529_190043_000000452048_00099_22197_0361.N1	29-MAY-2006 19:00:43	Bright	44.500	133	40Zet Her	2.8070	6000.0	89	22197	No
242	GOM_NL__2PRFIN20060529_190831_000000402048_00099_22197_0362.N1	29-MAY-2006 19:08:31	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	22197	No
243	GOM_NL__2PRFIN20060529_191905_000000472048_00099_22197_0363.N1	29-MAY-2006 19:19:05	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	22197	No
244	GOM_NL__2PRFIN20060529_192348_000000552048_00099_22197_0364.N1	29-MAY-2006 19:23:48	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	22197	No
245	GOM_NL__2PRFIN20060529_193126_000000402048_00099_22197_0365.N1	29-MAY-2006 19:31:26	Bright	40.000	53	43Bet And	2.0480	3300.0	80	22197	No
246	GOM_NL__2PRFIN20060529_193405_000000532048_00099_22197_0366.N1	29-MAY-2006 19:34:05	Twilight	53.000	58	21Alp And	2.0730	11000.	106	22197	No
247	GOM_NL__2PRFIN20060529_193852_000000502048_00099_22197_0367.N1	29-MAY-2006 19:38:52	Dark	50.000	140	88Gam Peg	2.8340	26000.	100	22197	No
248	GOM_NL__2PRFIN20060529_194748_000000472048_00099_22197_0368.N1	29-MAY-2006 19:47:48	Dark	47.000	52	16Bet Cet	2.0370	4500.0	94	22197	No
249	GOM_NL__2PRFIN20060529_195608_000000622048_00099_22197_0369.N1	29-MAY-2006 19:56:08	Dark	61.500	18	24Alp PsA	1.1660	9700.0	123	22197	No
250	GOM_NL__2PRFIN20060529_195940_000000472048_00100_22198_0349.N1	29-MAY-2006 19:59:40	Dark	47.000	63	Bet Gru	2.1500	2800.0	94	22198	No
251	GOM_NL__2PRFIN20060529_200130_000000452048_00100_22198_0350.N1	29-MAY-2006 20:01:30	Dark	45.000	31	Alp Gru	1.7340	15200.	90	22198	No
252	GOM_NL__2PRFIN20060529_200636_000000402048_00100_22198_0351.N1	29-MAY-2006 20:06:36	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	22198	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.

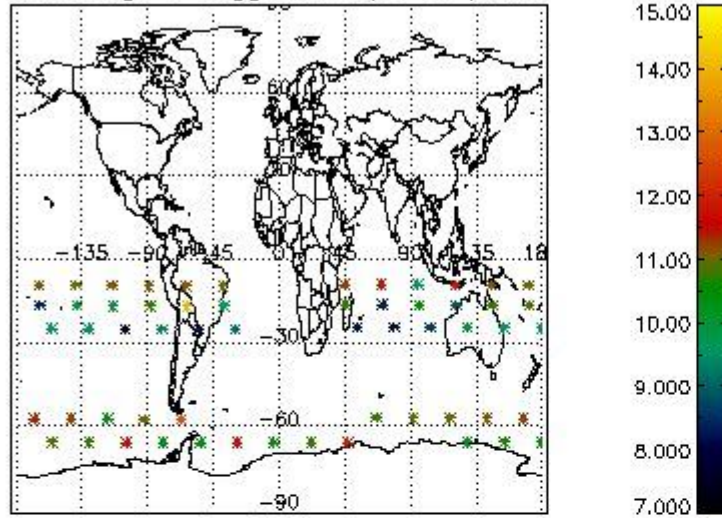
#### 3.1 Plot quality information per product (time dependant)



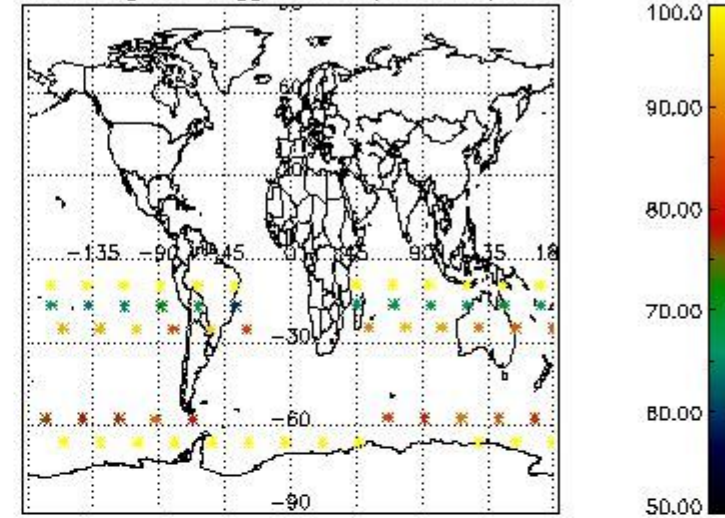
3.2 Plot quality information per product (world map)



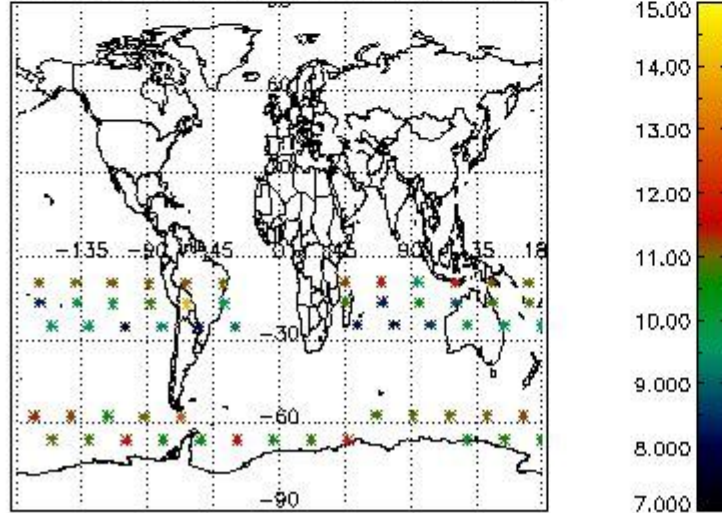
Percentage of flagged data per O3 profile



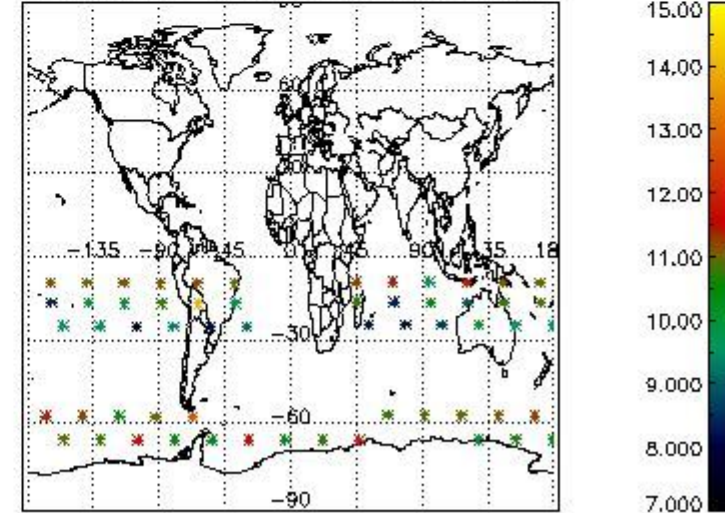
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



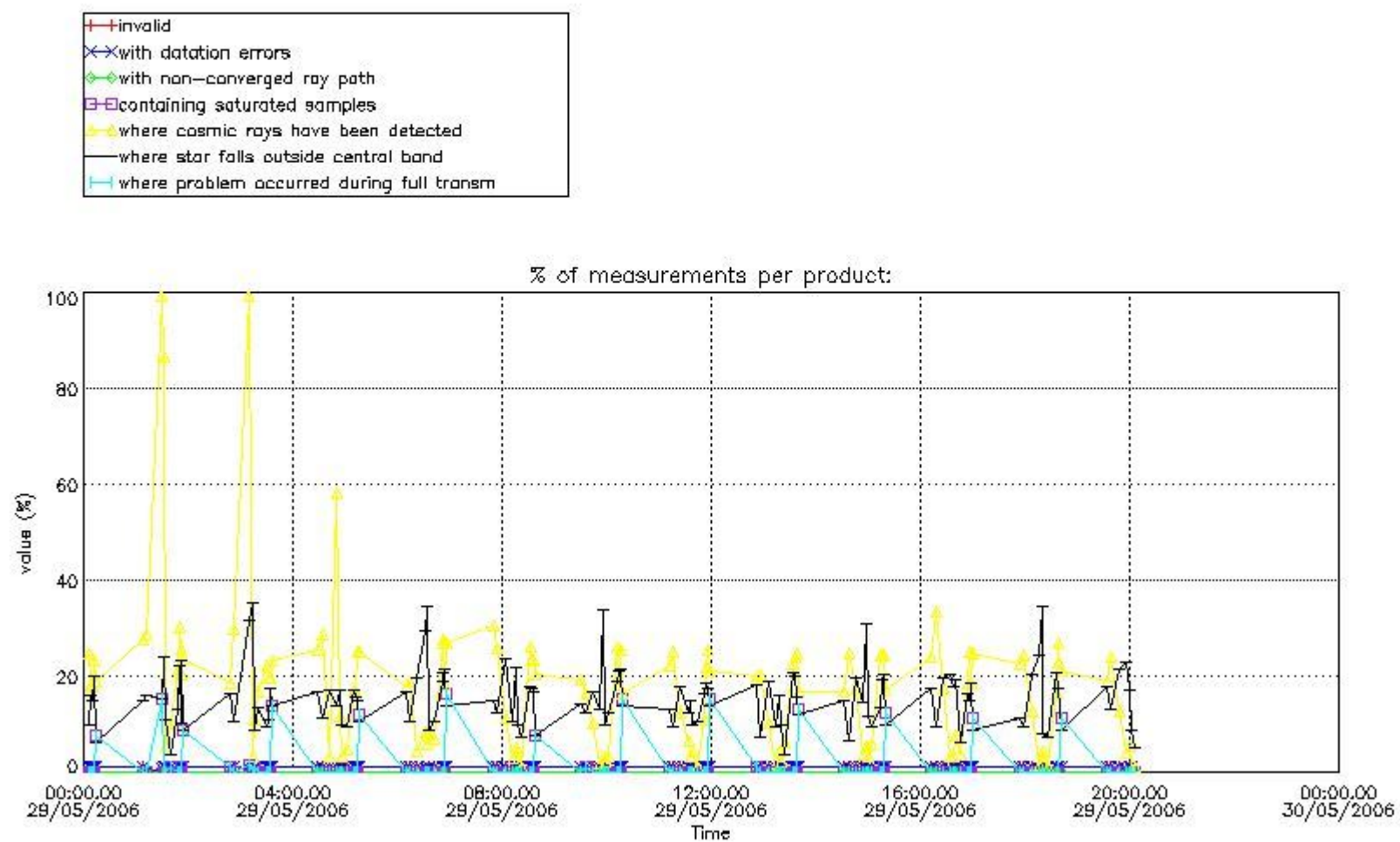
#### 4. Level 1 quality information per product

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.

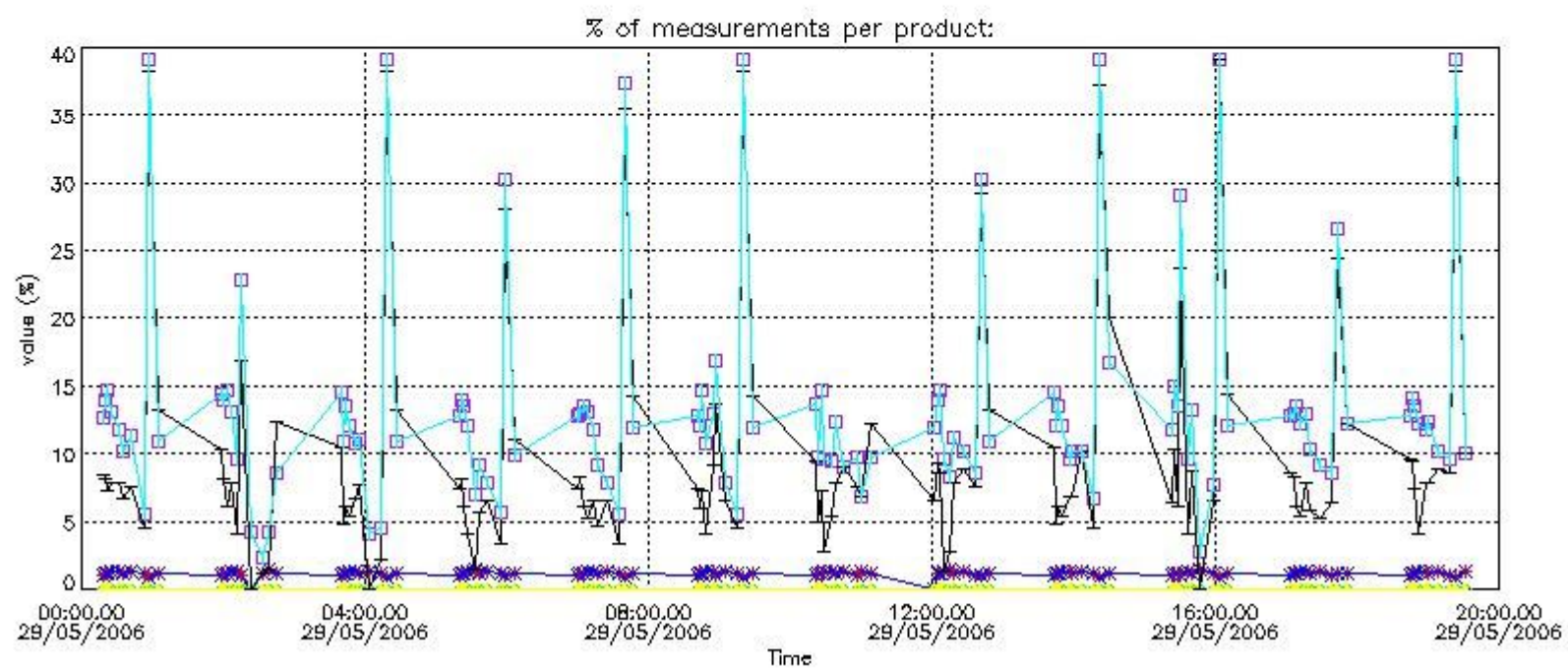
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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





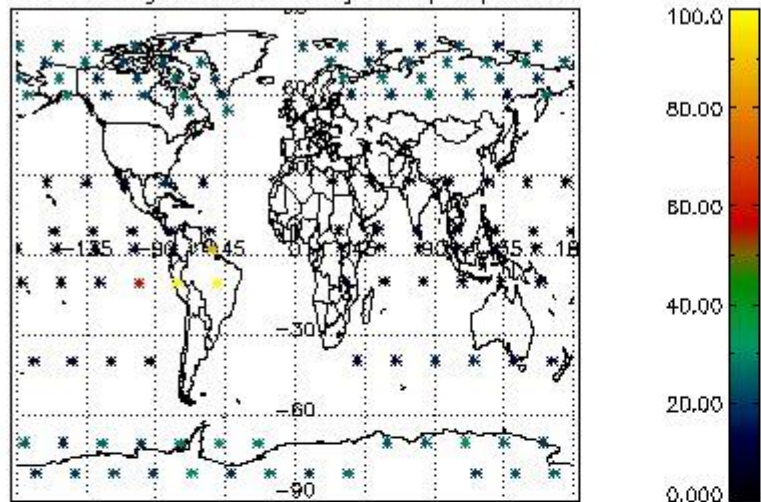
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



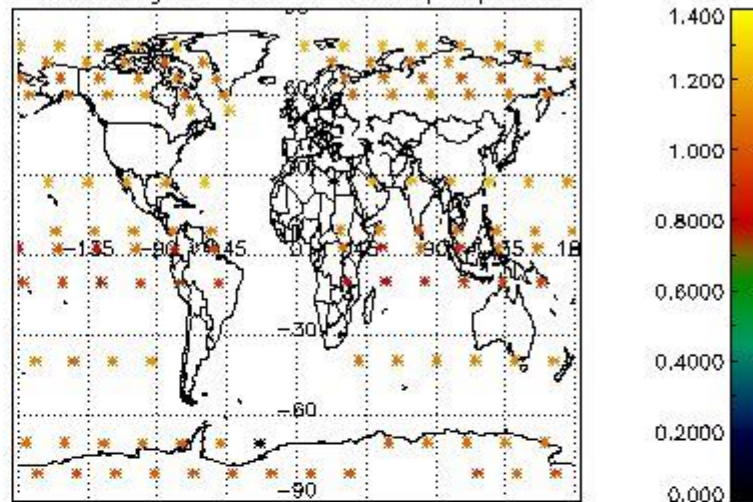
4.2 Plot quality information per product coming from level 1b processing (world map)

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

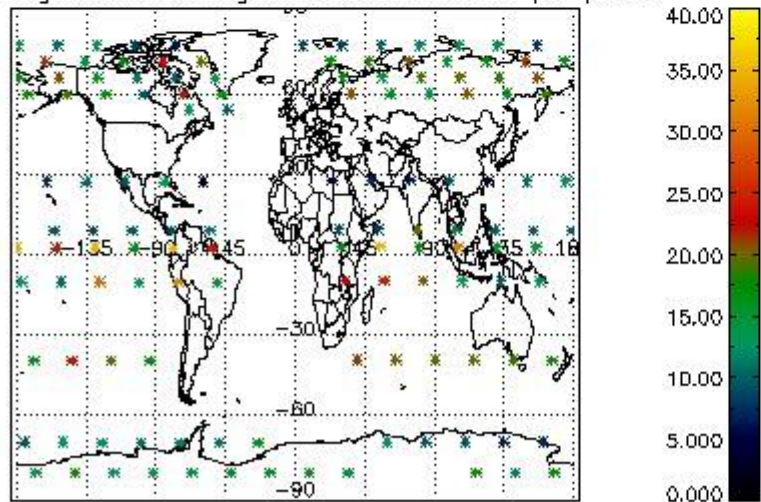
Percentage of cosmic ray hits per profile



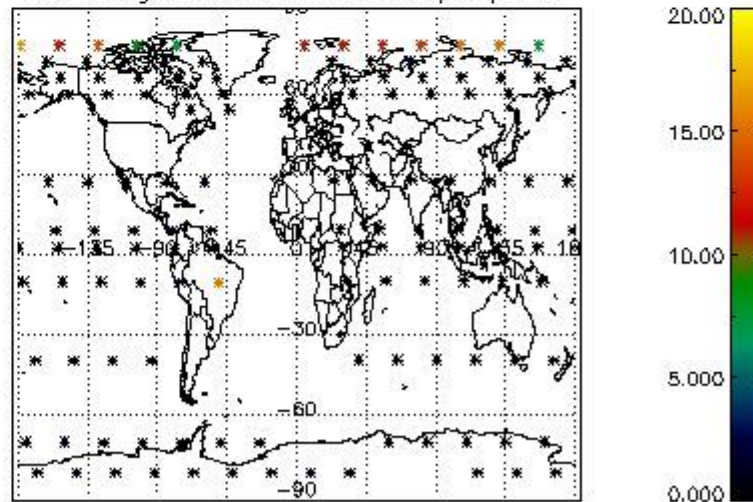
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

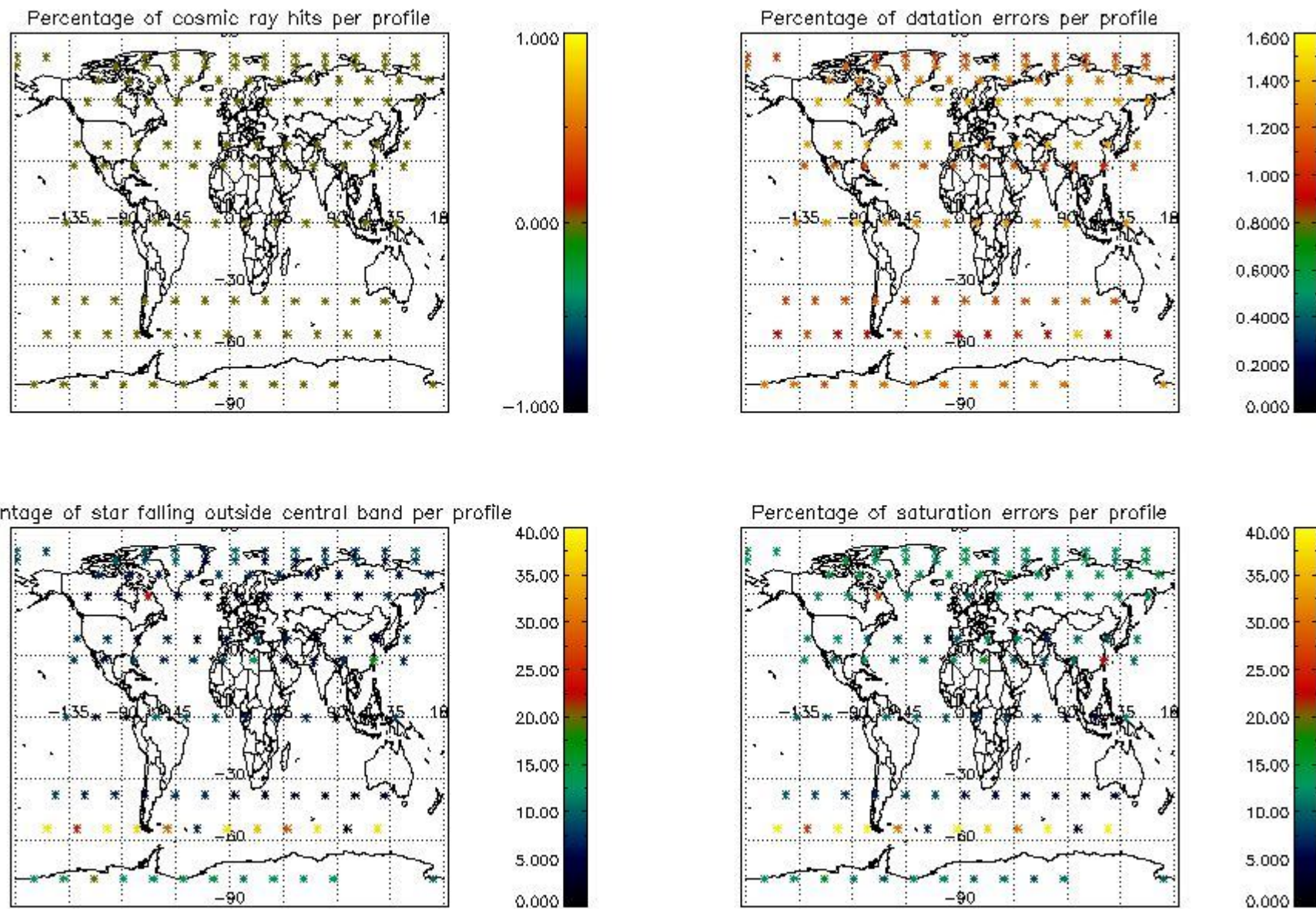


Percentage of saturation errors per profile



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

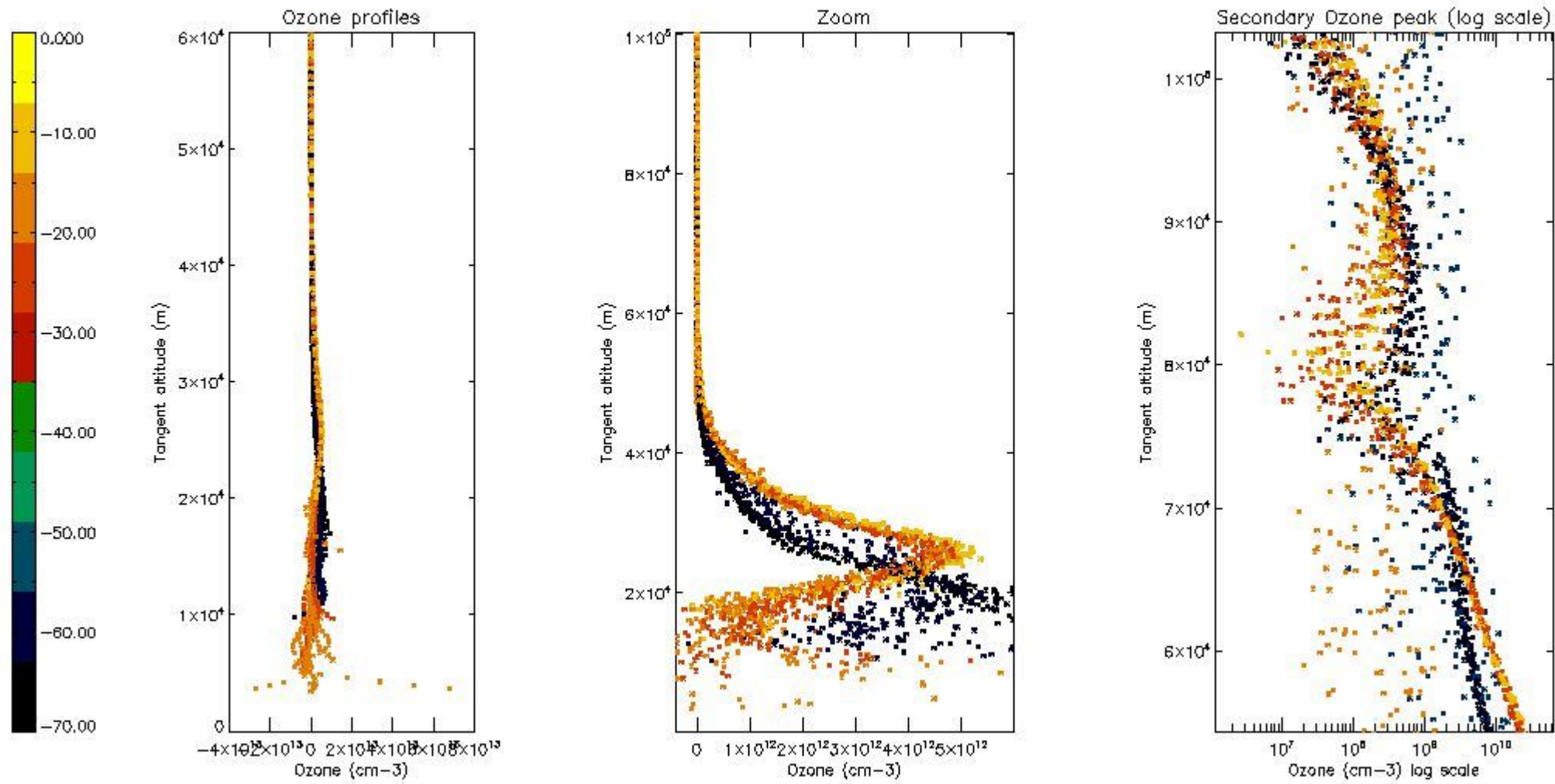
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	26
STD < 20	14

STD < 10	11
STD < 5	8

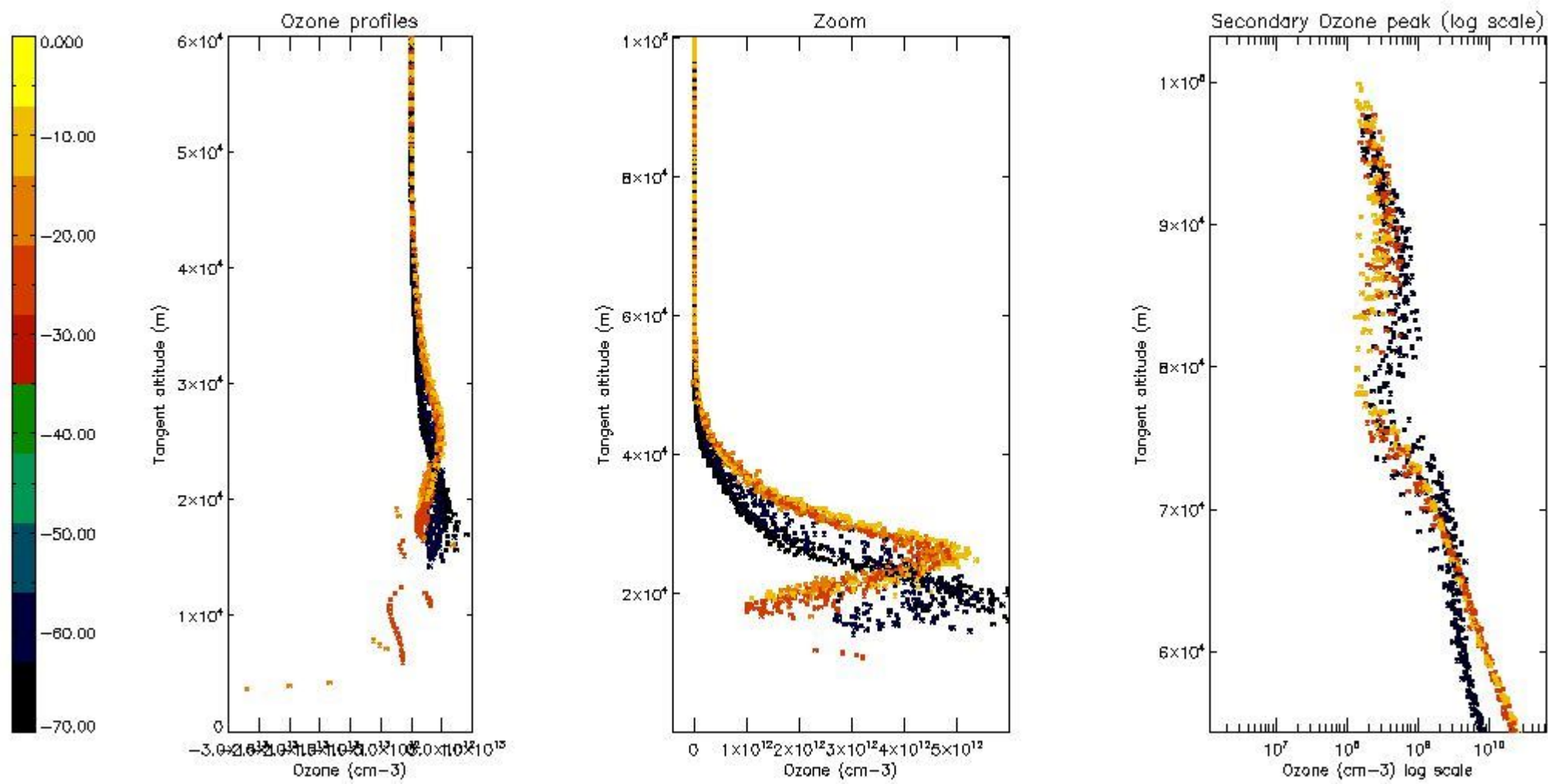
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

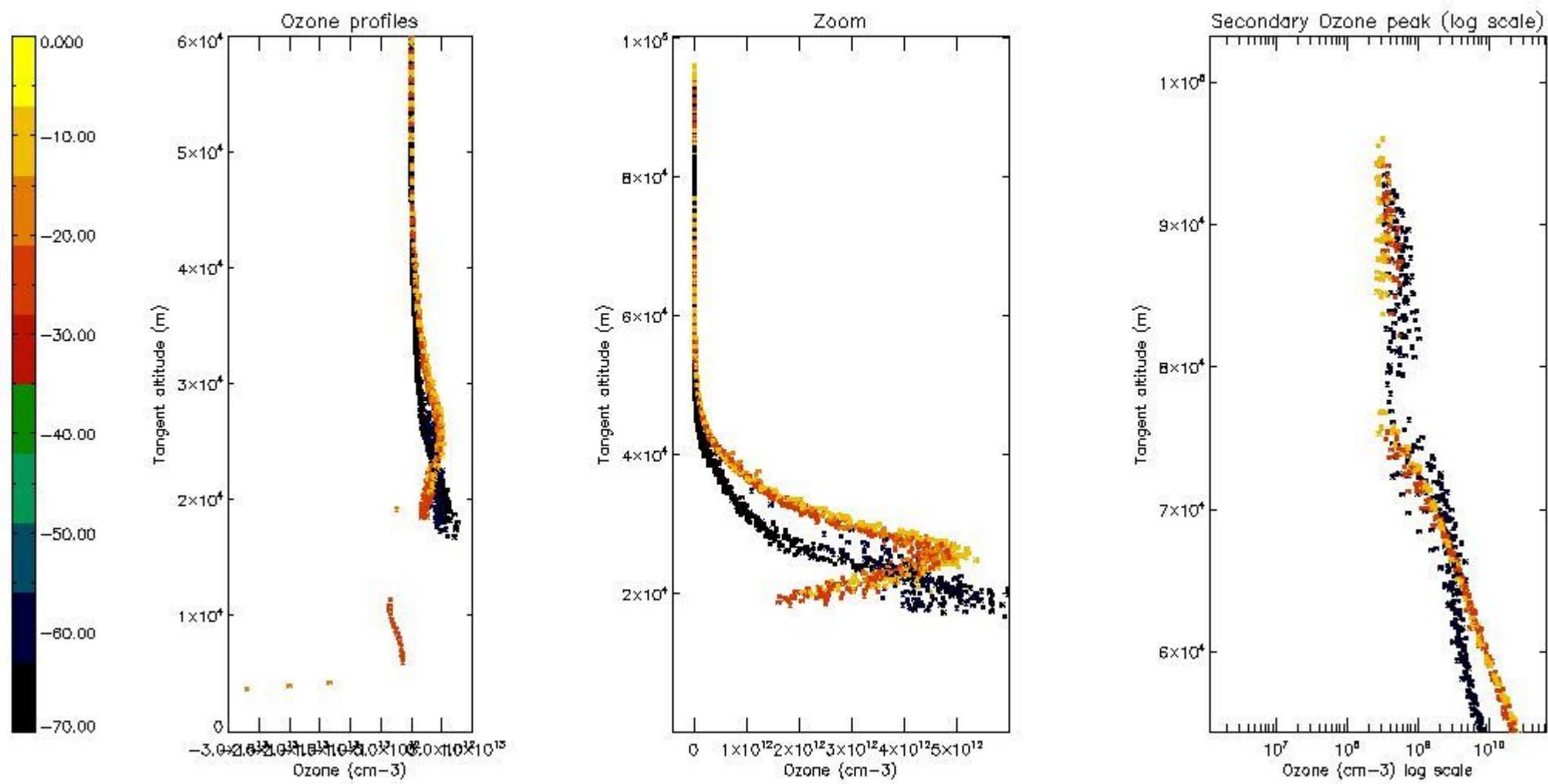
The colorbar represents the latitude.



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

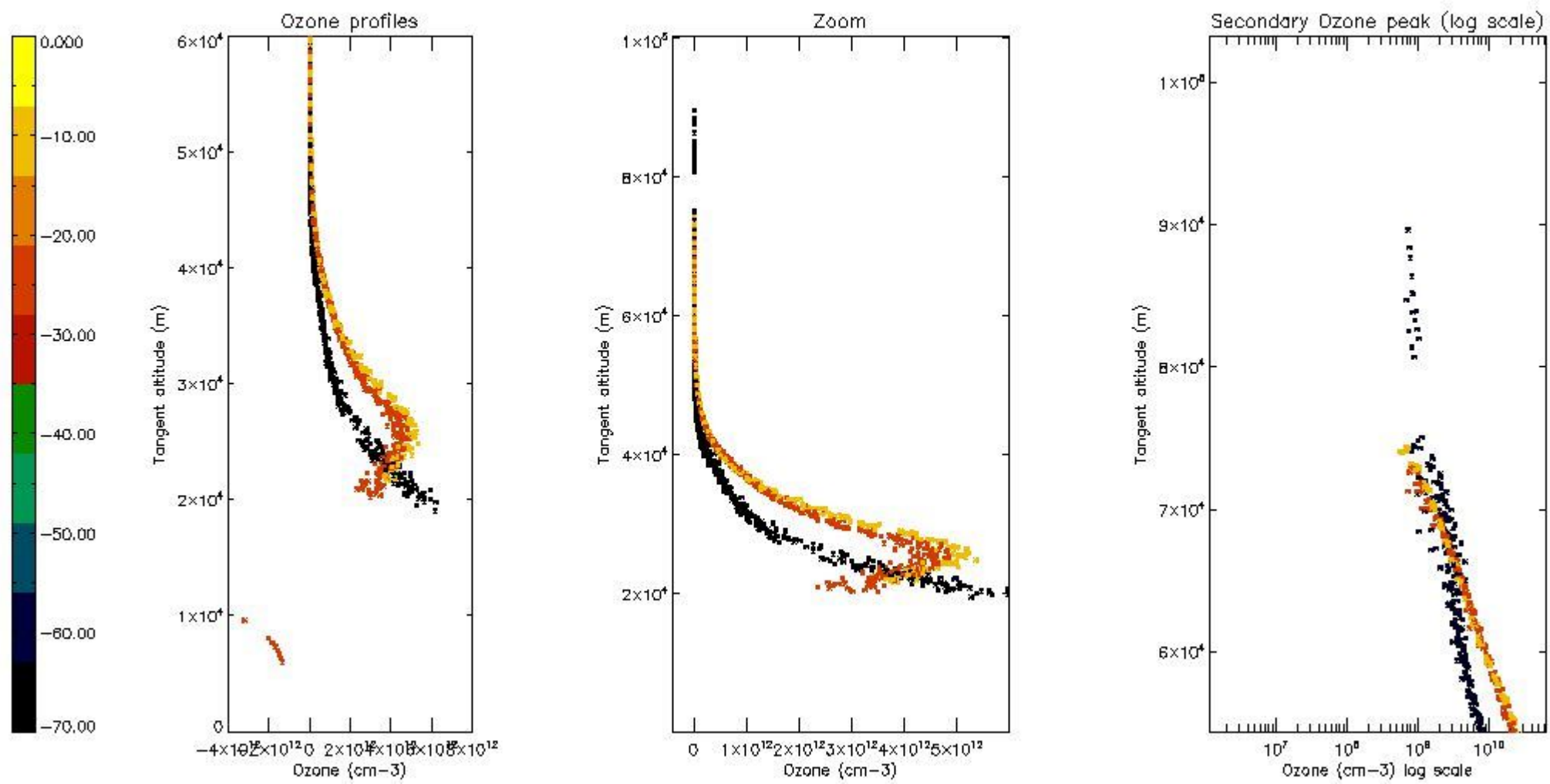
The colorbar represents the latitude.





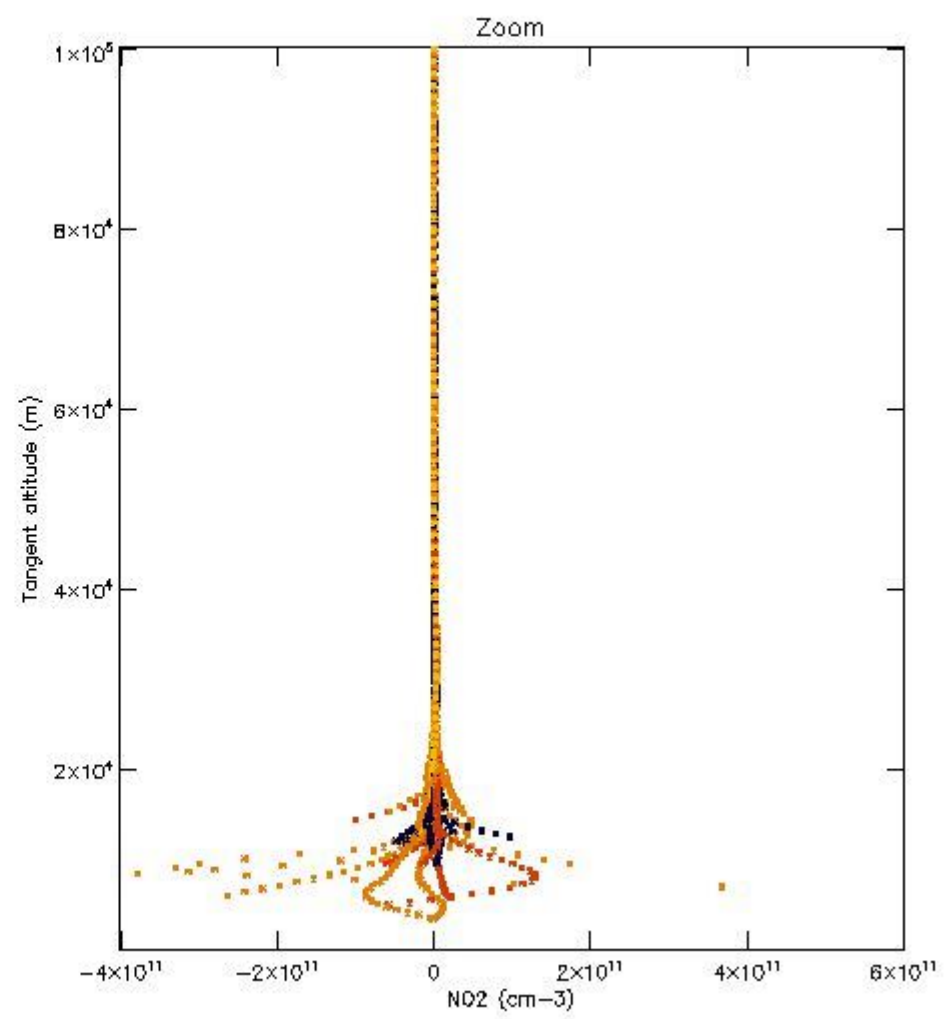
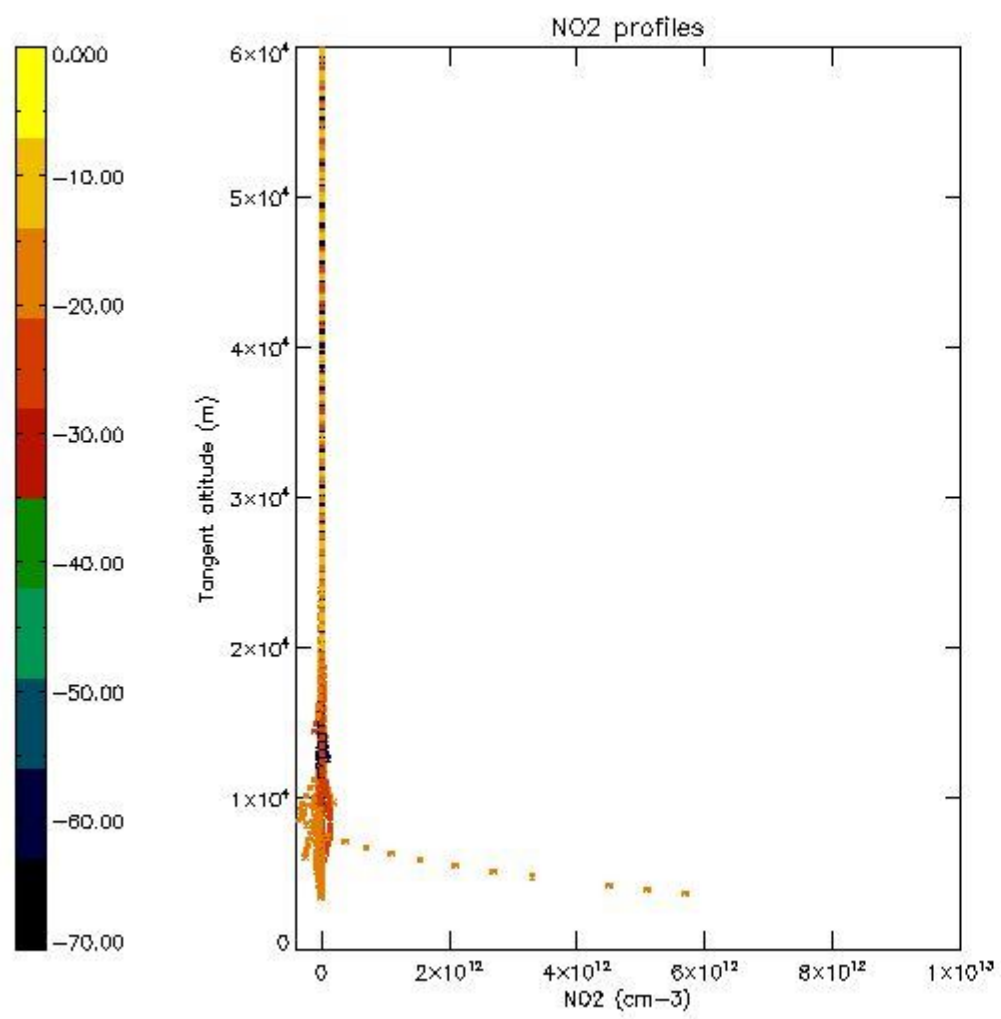
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

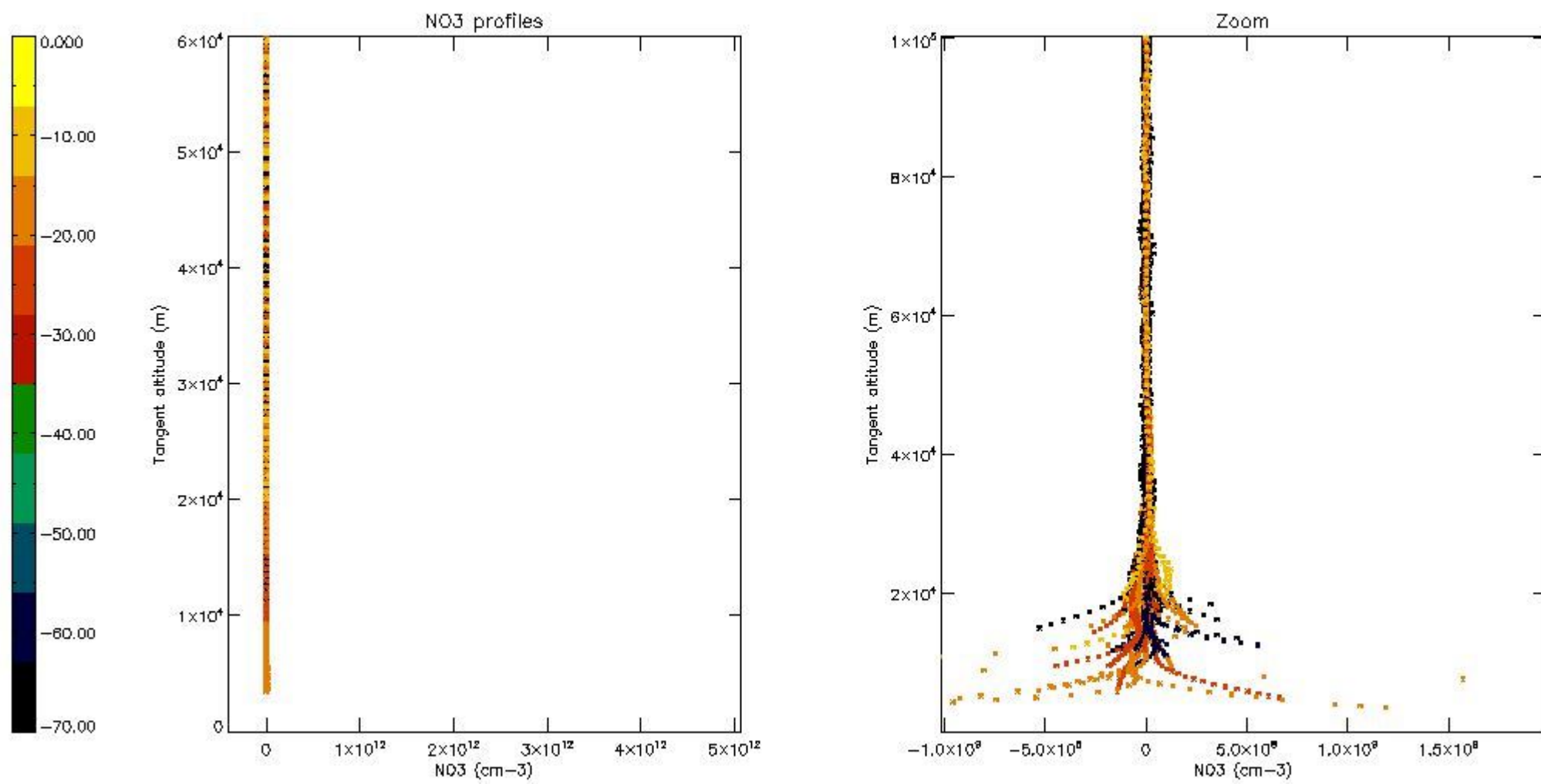
The colorbar represents the latitude.



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

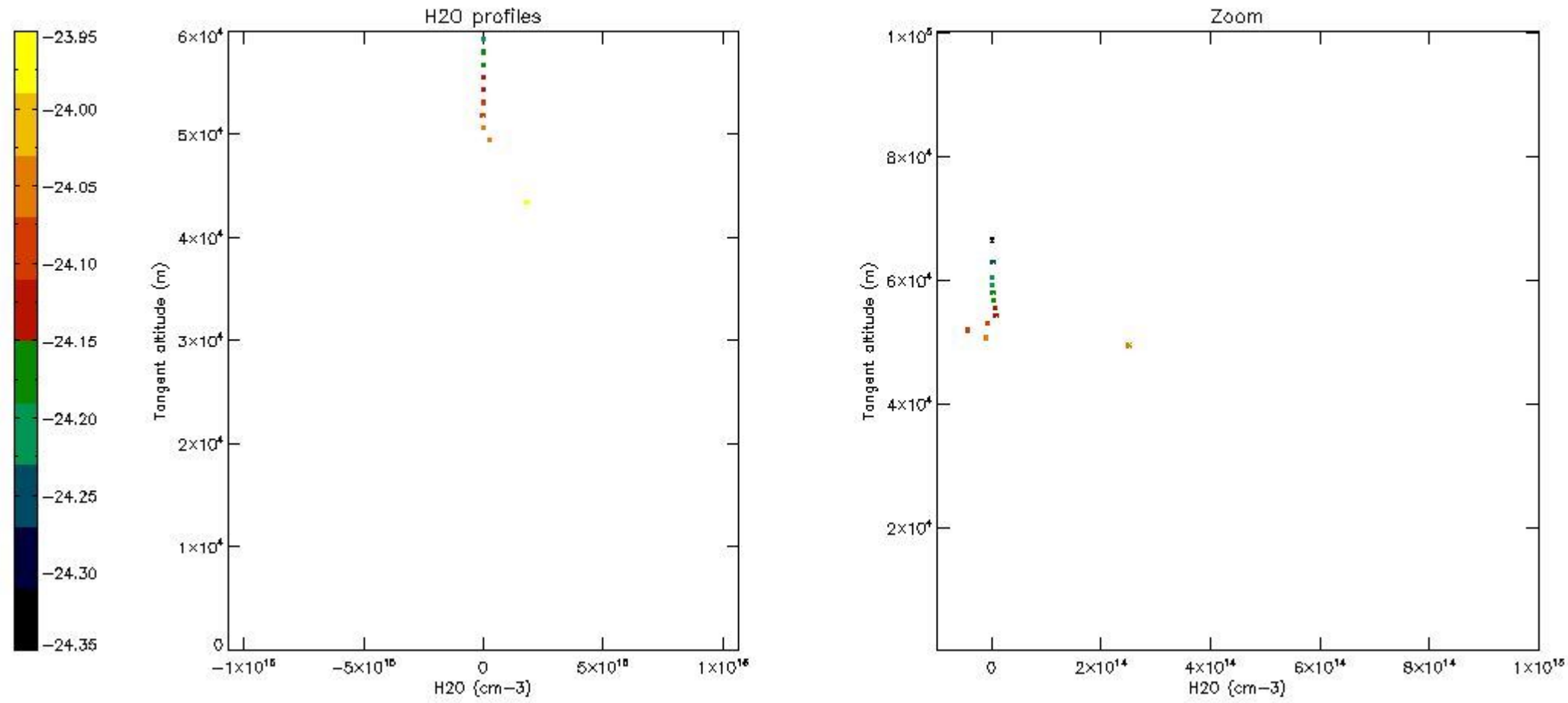
The colorbar represents the latitude.





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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	29-MAY-2006 00:06:55
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	29-MAY-2006 00:06:55
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	29-MAY-2006 00:06:55

# 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	23APR2013 22:37:48
Data source version	GOMOS/6.01
Start time of products	29-05-2006 (29MAY2006 00:00:00)
Stop time of products	30-05-2006 (30MAY2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	252
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__2PRFIN20060529_000655_000000412048_00088_22186_0332.N1	29-MAY-2006 00:06:55	Straylight	40.500	147	Alp Ara	2.8770	26000.	81	22186	No
2	GOM_NL__2PRFIN20060529_000835_000000472048_00088_22186_0333.N1	29-MAY-2006 00:08:35	Straylight	46.500	40	The Sco	1.8590	7100.0	93	22186	No
3	GOM_NL__2PRFIN20060529_001024_000000482048_00088_22186_0334.N1	29-MAY-2006 00:10:24	Twilight	47.500	25	35Lam Sco	1.6200	28000.	95	22186	No
4	GOM_NL__2PRFIN20060529_001216_000000482048_00088_22186_0335.N1	29-MAY-2006 00:12:16	Twilight	47.500	75	26Eps Sco	2.2910	4250.0	95	22186	No
5	GOM_NL__2PRFIN20060529_001422_000000402048_00088_22186_0336.N1	29-MAY-2006 00:14:22	Twilight	40.000	136	23Tau Sco	2.8220	30000.	80	22186	No
6	GOM_NL__2PRFIN20060529_001807_000000482048_00088_22186_0337.N1	29-MAY-2006 00:18:07	Bright	47.500	86	35Eta Oph	2.4300	10200.	95	22186	No
7	GOM_NL__2PRFIN20060529_002002_000000432048_00088_22186_0338.N1	29-MAY-2006 00:20:02	Bright	43.000	98	13Zet Oph	2.5710	30000.	86	22186	No
8	GOM_NL__2PRFIN20060529_002215_000000412048_00088_22186_0339.N1	29-MAY-2006 00:22:15	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	22186	No
9	GOM_NL__2PRFIN20060529_002517_000000382048_00088_22186_0340.N1	29-MAY-2006 00:25:17	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	22186	No
10	GOM_NL__2PRFIN20060529_003116_000000382048_00088_22186_0341.N1	29-MAY-2006 00:31:16	Bright	38.000	67	5Alp CrB	2.2210	11000.	76	22186	No
11	GOM_NL__2PRFIN20060529_003414_000000452048_00088_22186_0342.N1	29-MAY-2006 00:34:14	Bright	44.500	133	40Zet Her	2.8070	6000.0	89	22186	No
12	GOM_NL__2PRFIN20060529_004159_000000402048_00088_22186_0343.N1	29-MAY-2006 00:41:59	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	22186	No
13	GOM_NL__2PRFIN20060529_005236_000000452048_00088_22186_0344.N1	29-MAY-2006 00:52:36	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	22186	No
14	GOM_NL__2PRFIN20060529_005713_000000552048_00088_22186_0345.N1	29-MAY-2006 00:57:13	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	22186	No
15	GOM_NL__2PRFIN20060529_010450_000000422048_00088_22186_0346.N1	29-MAY-2006 01:04:50	Bright	41.500	53	43Bet And	2.0480	3300.0	83	22186	No
16	GOM_NL__2PRFIN20060529_010727_000000512048_00088_22186_0347.N1	29-MAY-2006 01:07:27	Twilight	50.500	58	21Alp And	2.0730	11000.	101	22186	No
17	GOM_NL__2PRFIN20060529_011211_000000512048_00088_22186_0348.N1	29-MAY-2006 01:12:11	Dark	50.500	140	88Gam Peg	2.8340	26000.	101	22186	No
18	GOM_NL__2PRFIN20060529_012920_000000562048_00088_22186_0349.N1	29-MAY-2006 01:29:20	Dark	55.500	18	24Alp PsA	1.1660	9700.0	111	22186	No
19	GOM_NL__2PRFIN20060529_013256_000000522048_00089_22187_0329.N1	29-MAY-2006 01:32:56	Dark	52.000	63	Bet Gru	2.1500	2800.0	104	22187	No
20	GOM_NL__2PRFIN20060529_013444_000000462048_00089_22187_0330.N1	29-MAY-2006 01:34:44	Dark	46.000	31	Alp Gru	1.7340	15200.	92	22187	No
21	GOM_NL__2PRFIN20060529_013953_000000402048_00089_22187_0331.N1	29-MAY-2006 01:39:53	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	22187	No
22	GOM_NL__2PRFIN20060529_014732_000000422048_00089_22187_0332.N1	29-MAY-2006 01:47:32	Straylight	42.000	147	Alp Ara	2.8770	26000.	84	22187	No
23	GOM_NL__2PRFIN20060529_014912_000000502048_00089_22187_0333.N1	29-MAY-2006 01:49:12	Straylight	50.000	40	The Sco	1.8590	7100.0	100	22187	No
24	GOM_NL__2PRFIN20060529_015101_000000452048_00089_22187_0334.N1	29-MAY-2006 01:51:01	Twilight	45.000	25	35Lam Sco	1.6200	28000.	90	22187	No
25	GOM_NL__2PRFIN20060529_015253_000000502048_00089_22187_0335.N1	29-MAY-2006 01:52:53	Twilight	49.500	75	26Eps Sco	2.2910	4250.0	99	22187	No
26	GOM_NL__2PRFIN20060529_015458_000000412048_00089_22187_0336.N1	29-MAY-2006 01:54:58	Twilight	40.500	136	23Tau Sco	2.8220	30000.	81	22187	No
27	GOM_NL__2PRFIN20060529_015843_000000492048_00089_22187_0337.N1	29-MAY-2006 01:58:43	Bright	48.500	86	35Eta Oph	2.4300	10200.	97	22187	No
28	GOM_NL__2PRFIN20060529_020037_000000432048_00089_22187_0338.N1	29-MAY-2006 02:00:37	Bright	43.000	98	13Zet Oph	2.5710	30000.	86	22187	No
29	GOM_NL__2PRFIN20060529_020251_000000412048_00089_22187_0339.N1	29-MAY-2006 02:02:51	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	22187	No
30	GOM_NL__2PRFIN20060529_020553_000000382048_00089_22187_0340.N1	29-MAY-2006 02:05:53	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	22187	No
31	GOM_NL__2PRFIN20060529_021152_000000372048_00089_22187_0341.N1	29-MAY-2006 02:11:52	Bright	36.500	67	5Alp CrB	2.2210	11000.	73	22187	No
32	GOM_NL__2PRFIN20060529_021449_000000512048_00089_22187_0342.N1	29-MAY-2006 02:14:49	Bright	50.500	133	40Zet Her	2.8070	6000.0	101	22187	No
33	GOM_NL__2PRFIN20060529_022235_000000352048_00089_22187_0343.N1	29-MAY-2006 02:22:35	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	22187	No
34	GOM_NL__2PRFIN20060529_023312_000000432048_00089_22187_0344.N1	29-MAY-2006 02:33:12	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	22187	No
35	GOM_NL__2PRFIN20060529_023749_000000352048_00089_22187_0345.N1	29-MAY-2006 02:37:49	Bright	35.000	76	27Gam Cas	2.3000	30000.	70	22187	No
36	GOM_NL__2PRFIN20060529_024526_000000412048_00089_22187_0346.N1	29-MAY-2006 02:45:26	Bright	40.500	53	43Bet And	2.0480	3300.0	81	22187	No
37	GOM_NL__2PRFIN20060529_024803_000000522048_00089_22187_0347.N1	29-MAY-2006 02:48:03	Twilight	51.500	58	21Alp And	2.0730	11000.	103	22187	No
38	GOM_NL__2PRFIN20060529_025248_000000472048_00089_22187_0348.N1	29-MAY-2006 02:52:48	Dark	47.000	140	88Gam Peg	2.8340	26000.	94	22187	No
39	GOM_NL__2PRFIN20060529_030957_000000682048_00089_22187_0349.N1	29-MAY-2006 03:09:57	Dark	68.000	18	24Alp PsA	1.1660	9700.0	136	22187	No
40	GOM_NL__2PRFIN20060529_031333_000000612048_00090_22188_0329.N1	29-MAY-2006 03:13:33	Dark	61.000	63	Bet Gru	2.1500	2800.0	122	22188	No
41	GOM_NL__2PRFIN20060529_031521_000000462048_00090_22188_0330.N1	29-MAY-2006 03:15:21	Dark	45.500	31	Alp Gru	1.7340	15200.	91	22188	No
42	GOM_NL__2PRFIN20060529_032030_000000452048_00090_22188_0331.N1	29-MAY-2006 03:20:30	Straylight	44.500	45	Alp Pav	1.9400	26000.	89	22188	No

43	GOM_NL__2PRFIN20060529_032948_000000432048_00090_22188_0332.N1	29-MAY-2006 03:29:48	Straylight	43.000	40	The Sco	1.8590	7100.0	86	22188	No
44	GOM_NL__2PRFIN20060529_033137_000000462048_00090_22188_0333.N1	29-MAY-2006 03:31:37	Tw_i_and_stray	45.500	25	35Lam Sco	1.6200	28000.	91	22188	No
45	GOM_NL__2PRFIN20060529_033329_000000462048_00090_22188_0334.N1	29-MAY-2006 03:33:29	Tw_i_and_stray	45.500	75	26Eps Sco	2.2910	4250.0	91	22188	No
46	GOM_NL__2PRFIN20060529_033534_000000432048_00090_22188_0335.N1	29-MAY-2006 03:35:34	Tw_i_and_stray	43.000	136	23Tau Sco	2.8220	30000.	86	22188	No
47	GOM_NL__2PRFIN20060529_033919_000000482048_00090_22188_0336.N1	29-MAY-2006 03:39:19	Bright	48.000	86	35Eta Oph	2.4300	10200.	96	22188	No
48	GOM_NL__2PRFIN20060529_034113_000000422048_00090_22188_0337.N1	29-MAY-2006 03:41:13	Bright	41.500	98	13Zet Oph	2.5710	30000.	83	22188	No
49	GOM_NL__2PRFIN20060529_034327_000000412048_00090_22188_0338.N1	29-MAY-2006 03:43:27	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	22188	No
50	GOM_NL__2PRFIN20060529_034629_000000382048_00090_22188_0339.N1	29-MAY-2006 03:46:29	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	22188	No
51	GOM_NL__2PRFIN20060529_035228_000000372048_00090_22188_0340.N1	29-MAY-2006 03:52:28	Bright	37.000	67	5Alp CrB	2.2210	11000.	74	22188	No
52	GOM_NL__2PRFIN20060529_035525_000000452048_00090_22188_0341.N1	29-MAY-2006 03:55:25	Bright	45.000	133	40Zet Her	2.8070	6000.0	90	22188	No
53	GOM_NL__2PRFIN20060529_040310_000000372048_00090_22188_0342.N1	29-MAY-2006 04:03:10	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	22188	No
54	GOM_NL__2PRFIN20060529_041346_000000452048_00090_22188_0343.N1	29-MAY-2006 04:13:46	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	22188	No
55	GOM_NL__2PRFIN20060529_041825_000000552048_00090_22188_0344.N1	29-MAY-2006 04:18:25	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	22188	No
56	GOM_NL__2PRFIN20060529_042602_000000422048_00090_22188_0345.N1	29-MAY-2006 04:26:02	Bright	41.500	53	43Bet And	2.0480	3300.0	83	22188	No
57	GOM_NL__2PRFIN20060529_042840_000000512048_00090_22188_0346.N1	29-MAY-2006 04:28:40	Tw_i_and_stray	51.000	58	21Alp And	2.0730	11000.	102	22188	No
58	GOM_NL__2PRFIN20060529_043324_000000492048_00090_22188_0347.N1	29-MAY-2006 04:33:24	Dark	48.500	140	88Gam Peg	2.8340	26000.	97	22188	No
59	GOM_NL__2PRFIN20060529_044219_000000442048_00090_22188_0348.N1	29-MAY-2006 04:42:19	Dark	44.000	52	16Bet Cet	2.0370	4500.0	88	22188	No
60	GOM_NL__2PRFIN20060529_045034_000000542048_00090_22188_0349.N1	29-MAY-2006 04:50:34	Dark	54.000	18	24Alp PsA	1.1660	9700.0	108	22188	No
61	GOM_NL__2PRFIN20060529_045409_000000472048_00091_22189_0329.N1	29-MAY-2006 04:54:09	Dark	47.000	63	Bet Gru	2.1500	2800.0	94	22189	No
62	GOM_NL__2PRFIN20060529_045558_000000462048_00091_22189_0330.N1	29-MAY-2006 04:55:58	Dark	45.500	31	Alp Gru	1.7340	15200.	91	22189	No
63	GOM_NL__2PRFIN20060529_050106_000000432048_00091_22189_0331.N1	29-MAY-2006 05:01:06	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	22189	No
64	GOM_NL__2PRFIN20060529_051025_000000472048_00091_22189_0332.N1	29-MAY-2006 05:10:25	Straylight	47.000	40	The Sco	1.8590	7100.0	94	22189	No
65	GOM_NL__2PRFIN20060529_051214_000000482048_00091_22189_0333.N1	29-MAY-2006 05:12:14	Tw_i_and_stray	48.000	25	35Lam Sco	1.6200	28000.	96	22189	No
66	GOM_NL__2PRFIN20060529_051405_000000442048_00091_22189_0334.N1	29-MAY-2006 05:14:05	Tw_i_and_stray	44.000	75	26Eps Sco	2.2910	4250.0	88	22189	No
67	GOM_NL__2PRFIN20060529_051610_000000422048_00091_22189_0335.N1	29-MAY-2006 05:16:10	Tw_i_and_stray	42.000	136	23Tau Sco	2.8220	30000.	84	22189	No
68	GOM_NL__2PRFIN20060529_051955_000000472048_00091_22189_0336.N1	29-MAY-2006 05:19:55	Bright	47.000	86	35Eta Oph	2.4300	10200.	94	22189	No
69	GOM_NL__2PRFIN20060529_052150_000000432048_00091_22189_0337.N1	29-MAY-2006 05:21:50	Bright	43.000	98	13Zet Oph	2.5710	30000.	86	22189	No
70	GOM_NL__2PRFIN20060529_052403_000000412048_00091_22189_0338.N1	29-MAY-2006 05:24:03	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	22189	No
71	GOM_NL__2PRFIN20060529_052705_000000382048_00091_22189_0339.N1	29-MAY-2006 05:27:05	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	22189	No
72	GOM_NL__2PRFIN20060529_053303_000000362048_00091_22189_0340.N1	29-MAY-2006 05:33:03	Bright	35.500	67	5Alp CrB	2.2210	11000.	71	22189	No
73	GOM_NL__2PRFIN20060529_053600_000000442048_00091_22189_0341.N1	29-MAY-2006 05:36:00	Bright	44.000	133	40Zet Her	2.8070	6000.0	88	22189	No
74	GOM_NL__2PRFIN20060529_054346_000000392048_00091_22189_0342.N1	29-MAY-2006 05:43:46	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	22189	No
75	GOM_NL__2PRFIN20060529_055422_000000452048_00091_22189_0343.N1	29-MAY-2006 05:54:22	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	22189	No
76	GOM_NL__2PRFIN20060529_055901_000000482048_00091_22189_0344.N1	29-MAY-2006 05:59:01	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	22189	No
77	GOM_NL__2PRFIN20060529_060638_000000412048_00091_22189_0345.N1	29-MAY-2006 06:06:38	Bright	40.500	53	43Bet And	2.0480	3300.0	81	22189	No
78	GOM_NL__2PRFIN20060529_060916_000000512048_00091_22189_0346.N1	29-MAY-2006 06:09:16	Tw_i_and_stray	51.000	58	21Alp And	2.0730	11000.	102	22189	No
79	GOM_NL__2PRFIN20060529_061401_000000482048_00091_22189_0347.N1	29-MAY-2006 06:14:01	Dark	47.500	140	88Gam Peg	2.8340	26000.	95	22189	No
80	GOM_NL__2PRFIN20060529_062256_000000462048_00091_22189_0348.N1	29-MAY-2006 06:22:56	Dark	46.000	52	16Bet Cet	2.0370	4500.0	92	22189	No
81	GOM_NL__2PRFIN20060529_063111_000000662048_00091_22189_0349.N1	29-MAY-2006 06:31:11	Dark	66.000	18	24Alp PsA	1.1660	9700.0	132	22189	No
82	GOM_NL__2PRFIN20060529_063446_000000612048_00092_22190_0329.N1	29-MAY-2006 06:34:46	Dark	60.500	63	Bet Gru	2.1500	2800.0	121	22190	No
83	GOM_NL__2PRFIN20060529_063635_000000462048_00092_22190_0330.N1	29-MAY-2006 06:36:35	Dark	45.500	31	Alp Gru	1.7340	15200.	91	22190	No
84	GOM_NL__2PRFIN20060529_064143_000000432048_00092_22190_0331.N1	29-MAY-2006 06:41:43	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	22190	No
85	GOM_NL__2PRFIN20060529_065101_000000482048_00092_22190_0332.N1	29-MAY-2006 06:51:01	Straylight	48.000	40	The Sco	1.8590	7100.0	96	22190	No
86	GOM_NL__2PRFIN20060529_065250_000000512048_00092_22190_0333.N1	29-MAY-2006 06:52:50	Tw_i_and_stray	50.500	25	35Lam Sco	1.6200	28000.	101	22190	No
87	GOM_NL__2PRFIN20060529_065442_000000472048_00092_22190_0334.N1	29-MAY-2006 06:54:42	Tw_i_and_stray	47.000	75	26Eps Sco	2.2910	4250.0	94	22190	No
88	GOM_NL__2PRFIN20060529_065647_000000432048_00092_22190_0335.N1	29-MAY-2006 06:56:47	Tw_i_and_stray	43.000	136	23Tau Sco	2.8220	30000.	86	22190	No
89	GOM_NL__2PRFIN20060529_070031_000000472048_00092_22190_0336.N1	29-MAY-2006 07:00:31	Bright	47.000	86	35Eta Oph	2.4300	10200.	94	22190	No
90	GOM_NL__2PRFIN20060529_070225_000000432048_00092_22190_0337.N1	29-MAY-2006 07:02:25	Bright	42.500	98	13Zet Oph	2.5710	30000.	85	22190	No
91	GOM_NL__2PRFIN20060529_070439_000000412048_00092_22190_0338.N1	29-MAY-2006 07:04:39	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	22190	No
92	GOM_NL__2PRFIN20060529_070741_000000382048_00092_22190_0339.N1	29-MAY-2006 07:07:41	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	22190	No
93	GOM_NL__2PRFIN20060529_071339_000000382048_00092_22190_0340.N1	29-MAY-2006 07:13:39	Bright	38.000	67	5Alp CrB	2.2210	11000.	76	22190	No
94	GOM_NL__2PRFIN20060529_071635_000000442048_00092_22190_0341.N1	29-MAY-2006 07:16:35	Bright	43.500	133	40Zet Her	2.8070	6000.0	87	22190	No
95	GOM_NL__2PRFIN20060529_072422_000000392048_00092_22190_0342.N1	29-MAY-2006 07:24:22	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	22190	No
96	GOM_NL__2PRFIN20060529_073457_000000462048_00092_22190_0343.N1	29-MAY-2006 07:34:57	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	22190	No
97	GOM_NL__2PRFIN20060529_073937_000000542048_00092_22190_0344.N1	29-MAY-2006 07:39:37	Bright	53.500	76	27Gam Cas	2.3000	30000.	107	22190	No
98	GOM_NL__2PRFIN20060529_074714_000000422048_00092_22190_0345.N1	29-MAY-2006 07:47:14	Bright	42.000	53	43Bet And	2.0480	3300.0	84	22190	No
99	GOM_NL__2PRFIN20060529_074952_000000512048_00092_22190_0346.N1	29-MAY-2006 07:49:52	Tw_i_and_stray	50.500	58	21Alp And	2.0730	11000.	101	22190	No
100	GOM_NL__2PRFIN20060529_075437_000000492048_00092_22190_0347.N1	29-MAY-2006 07:54:37	Dark	48.500	140	88Gam Peg	2.8340	26000.	97	22190	No
101	GOM_NL__2PRFIN20060529_080332_000000492048_00092_22190_0348.N1	29-MAY-2006 08:03:32	Dark	48.500	52	16Bet Cet	2.0370	4500.0	97	22190	No

102	GOM_NL__2PRFIN20060529_081148_000000532048_00092_22190_0349.N1	29-MAY-2006 08:11:48	Dark	52.500	18	24Alp PsA	1.1660	9700.0	105	22190	No
103	GOM_NL__2PRFIN20060529_081523_000000512048_00093_22191_0329.N1	29-MAY-2006 08:15:23	Dark	50.500	63	Bet Gru	2.1500	2800.0	101	22191	No
104	GOM_NL__2PRFIN20060529_081712_000000462048_00093_22191_0330.N1	29-MAY-2006 08:17:12	Dark	46.000	31	Alp Gru	1.7340	15200.	92	22191	No
105	GOM_NL__2PRFIN20060529_082220_000000422048_00093_22191_0331.N1	29-MAY-2006 08:22:20	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	22191	No
106	GOM_NL__2PRFIN20060529_083138_000000482048_00093_22191_0332.N1	29-MAY-2006 08:31:38	Straylight	47.500	40	The Sco	1.8590	7100.0	95	22191	No
107	GOM_NL__2PRFIN20060529_083326_000000492048_00093_22191_0333.N1	29-MAY-2006 08:33:26	Twilight_stray	49.000	25	35Lam Sco	1.6200	28000.	98	22191	No
108	GOM_NL__2PRFIN20060529_083518_000000452048_00093_22191_0334.N1	29-MAY-2006 08:35:18	Twilight_stray	45.000	75	26Eps Sco	2.2910	4250.0	90	22191	No
109	GOM_NL__2PRFIN20060529_083723_000000402048_00093_22191_0335.N1	29-MAY-2006 08:37:23	Twilight_stray	39.500	136	23Tau Sco	2.8220	30000.	79	22191	No
110	GOM_NL__2PRFIN20060529_084107_000000472048_00093_22191_0336.N1	29-MAY-2006 08:41:07	Bright	47.000	86	35Eta Oph	2.4300	10200.	94	22191	No
111	GOM_NL__2PRFIN20060529_084302_000000422048_00093_22191_0337.N1	29-MAY-2006 08:43:02	Bright	41.500	98	13Zet Oph	2.5710	30000.	83	22191	No
112	GOM_NL__2PRFIN20060529_084515_000000412048_00093_22191_0338.N1	29-MAY-2006 08:45:15	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	22191	No
113	GOM_NL__2PRFIN20060529_084817_000000372048_00093_22191_0339.N1	29-MAY-2006 08:48:17	Bright	37.000	102	24Alp Ser	2.6000	4250.0	74	22191	No
114	GOM_NL__2PRFIN20060529_085415_000000392048_00093_22191_0340.N1	29-MAY-2006 08:54:15	Bright	38.500	67	5Alp CrB	2.2210	11000.	77	22191	No
115	GOM_NL__2PRFIN20060529_085711_000000482048_00093_22191_0341.N1	29-MAY-2006 08:57:11	Bright	47.500	133	40Zet Her	2.8070	6000.0	95	22191	No
116	GOM_NL__2PRFIN20060529_090458_000000392048_00093_22191_0342.N1	29-MAY-2006 09:04:58	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	22191	No
117	GOM_NL__2PRFIN20060529_091533_000000452048_00093_22191_0343.N1	29-MAY-2006 09:15:33	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	22191	No
118	GOM_NL__2PRFIN20060529_092013_000000552048_00093_22191_0344.N1	29-MAY-2006 09:20:13	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	22191	No
119	GOM_NL__2PRFIN20060529_092750_000000422048_00093_22191_0345.N1	29-MAY-2006 09:27:50	Bright	42.000	53	43Bet And	2.0480	3300.0	84	22191	No
120	GOM_NL__2PRFIN20060529_093028_000000502048_00093_22191_0346.N1	29-MAY-2006 09:30:28	Twilight_stray	49.500	58	21Alp And	2.0730	11000.	99	22191	No
121	GOM_NL__2PRFIN20060529_093514_000000492048_00093_22191_0347.N1	29-MAY-2006 09:35:14	Dark	48.500	140	88Gam Peg	2.8340	26000.	97	22191	No
122	GOM_NL__2PRFIN20060529_094409_000000452048_00093_22191_0348.N1	29-MAY-2006 09:44:09	Dark	45.000	52	16Bet Cet	2.0370	4500.0	90	22191	No
123	GOM_NL__2PRFIN20060529_095225_000000532048_00093_22191_0349.N1	29-MAY-2006 09:52:25	Dark	53.000	18	24Alp PsA	1.1660	9700.0	106	22191	No
124	GOM_NL__2PRFIN20060529_095600_000000612048_00094_22192_0329.N1	29-MAY-2006 09:56:00	Dark	60.500	63	Bet Gru	2.1500	2800.0	121	22192	No
125	GOM_NL__2PRFIN20060529_095749_000000462048_00094_22192_0330.N1	29-MAY-2006 09:57:49	Dark	45.500	31	Alp Gru	1.7340	15200.	91	22192	No
126	GOM_NL__2PRFIN20060529_100256_000000442048_00094_22192_0331.N1	29-MAY-2006 10:02:56	Straylight	44.000	45	Alp Pav	1.9400	26000.	88	22192	No
127	GOM_NL__2PRFIN20060529_101214_000000482048_00094_22192_0332.N1	29-MAY-2006 10:12:14	Straylight	48.000	40	The Sco	1.8590	7100.0	96	22192	No
128	GOM_NL__2PRFIN20060529_101403_000000502048_00094_22192_0333.N1	29-MAY-2006 10:14:03	Twilight_stray	50.000	25	35Lam Sco	1.6200	28000.	100	22192	No
129	GOM_NL__2PRFIN20060529_101554_000000472048_00094_22192_0334.N1	29-MAY-2006 10:15:54	Twilight_stray	47.000	75	26Eps Sco	2.2910	4250.0	94	22192	No
130	GOM_NL__2PRFIN20060529_101759_000000432048_00094_22192_0335.N1	29-MAY-2006 10:17:59	Twilight_stray	43.000	136	23Tau Sco	2.8220	30000.	86	22192	No
131	GOM_NL__2PRFIN20060529_102143_000000482048_00094_22192_0336.N1	29-MAY-2006 10:21:43	Bright	47.500	86	35Eta Oph	2.4300	10200.	95	22192	No
132	GOM_NL__2PRFIN20060529_102337_000000412048_00094_22192_0337.N1	29-MAY-2006 10:23:37	Bright	41.000	98	13Zet Oph	2.5710	30000.	82	22192	No
133	GOM_NL__2PRFIN20060529_102551_000000412048_00094_22192_0338.N1	29-MAY-2006 10:25:51	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	22192	No
134	GOM_NL__2PRFIN20060529_102852_000000372048_00094_22192_0339.N1	29-MAY-2006 10:28:52	Bright	36.500	102	24Alp Ser	2.6000	4250.0	73	22192	No
135	GOM_NL__2PRFIN20060529_103451_000000372048_00094_22192_0340.N1	29-MAY-2006 10:34:51	Bright	37.000	67	5Alp CrB	2.2210	11000.	74	22192	No
136	GOM_NL__2PRFIN20060529_103746_000000452048_00094_22192_0341.N1	29-MAY-2006 10:37:46	Bright	44.500	133	40Zet Her	2.8070	6000.0	89	22192	No
137	GOM_NL__2PRFIN20060529_104533_000000392048_00094_22192_0342.N1	29-MAY-2006 10:45:33	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	22192	No
138	GOM_NL__2PRFIN20060529_105609_000000472048_00094_22192_0343.N1	29-MAY-2006 10:56:09	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	22192	No
139	GOM_NL__2PRFIN20060529_110048_000000372048_00094_22192_0344.N1	29-MAY-2006 11:00:48	Bright	36.500	76	27Gam Cas	2.3000	30000.	73	22192	No
140	GOM_NL__2PRFIN20060529_110826_000000412048_00094_22192_0345.N1	29-MAY-2006 11:08:26	Bright	41.000	53	43Bet And	2.0480	3300.0	82	22192	No
141	GOM_NL__2PRFIN20060529_111104_000000502048_00094_22192_0346.N1	29-MAY-2006 11:11:04	Twilight_stray	49.500	58	21Alp And	2.0730	11000.	99	22192	No
142	GOM_NL__2PRFIN20060529_111550_000000482048_00094_22192_0347.N1	29-MAY-2006 11:15:50	Dark	47.500	140	88Gam Peg	2.8340	26000.	95	22192	No
143	GOM_NL__2PRFIN20060529_112445_000000452048_00094_22192_0348.N1	29-MAY-2006 11:24:45	Dark	44.500	52	16Bet Cet	2.0370	4500.0	89	22192	No
144	GOM_NL__2PRFIN20060529_113302_000000532048_00094_22192_0349.N1	29-MAY-2006 11:33:02	Dark	53.000	18	24Alp PsA	1.1660	9700.0	106	22192	No
145	GOM_NL__2PRFIN20060529_113636_000000472048_00095_22193_0329.N1	29-MAY-2006 11:36:36	Dark	46.500	63	Bet Gru	2.1500	2800.0	93	22193	No
146	GOM_NL__2PRFIN20060529_113825_000000462048_00095_22193_0330.N1	29-MAY-2006 11:38:25	Dark	46.000	31	Alp Gru	1.7340	15200.	92	22193	No
147	GOM_NL__2PRFIN20060529_114333_000000432048_00095_22193_0331.N1	29-MAY-2006 11:43:33	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	22193	No
148	GOM_NL__2PRFIN20060529_115250_000000462048_00095_22193_0332.N1	29-MAY-2006 11:52:50	Straylight	46.000	40	The Sco	1.8590	7100.0	92	22193	No
149	GOM_NL__2PRFIN20060529_115439_000000492048_00095_22193_0333.N1	29-MAY-2006 11:54:39	Twilight_stray	48.500	25	35Lam Sco	1.6200	28000.	97	22193	No
150	GOM_NL__2PRFIN20060529_115630_000000462048_00095_22193_0334.N1	29-MAY-2006 11:56:30	Twilight_stray	45.500	75	26Eps Sco	2.2910	4250.0	91	22193	No
151	GOM_NL__2PRFIN20060529_115835_000000432048_00095_22193_0335.N1	29-MAY-2006 11:58:35	Twilight_stray	43.000	136	23Tau Sco	2.8220	30000.	86	22193	No
152	GOM_NL__2PRFIN20060529_120219_000000462048_00095_22193_0336.N1	29-MAY-2006 12:02:19	Bright	46.000	86	35Eta Oph	2.4300	10200.	92	22193	No
153	GOM_NL__2PRFIN20060529_120413_000000432048_00095_22193_0337.N1	29-MAY-2006 12:04:13	Bright	43.000	98	13Zet Oph	2.5710	30000.	86	22193	No
154	GOM_NL__2PRFIN20060529_120627_000000412048_00095_22193_0338.N1	29-MAY-2006 12:06:27	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	22193	No
155	GOM_NL__2PRFIN20060529_120928_000000372048_00095_22193_0339.N1	29-MAY-2006 12:09:28	Bright	36.500	102	24Alp Ser	2.6000	4250.0	73	22193	No
156	GOM_NL__2PRFIN20060529_121526_000000362048_00095_22193_0340.N1	29-MAY-2006 12:15:26	Bright	36.000	67	5Alp CrB	2.2210	11000.	72	22193	No
157	GOM_NL__2PRFIN20060529_121821_000000452048_00095_22193_0341.N1	29-MAY-2006 12:18:21	Bright	44.500	133	40Zet Her	2.8070	6000.0	89	22193	No
158	GOM_NL__2PRFIN20060529_122608_000000402048_00095_22193_0342.N1	29-MAY-2006 12:26:08	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	22193	No
159	GOM_NL__2PRFIN20060529_123643_000000472048_00095_22193_0343.N1	29-MAY-2006 12:36:43	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	22193	No
160	GOM_NL__2PRFIN20060529_124125_000000482048_00095_22193_0344.N1	29-MAY-2006 12:41:25	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	22193	No



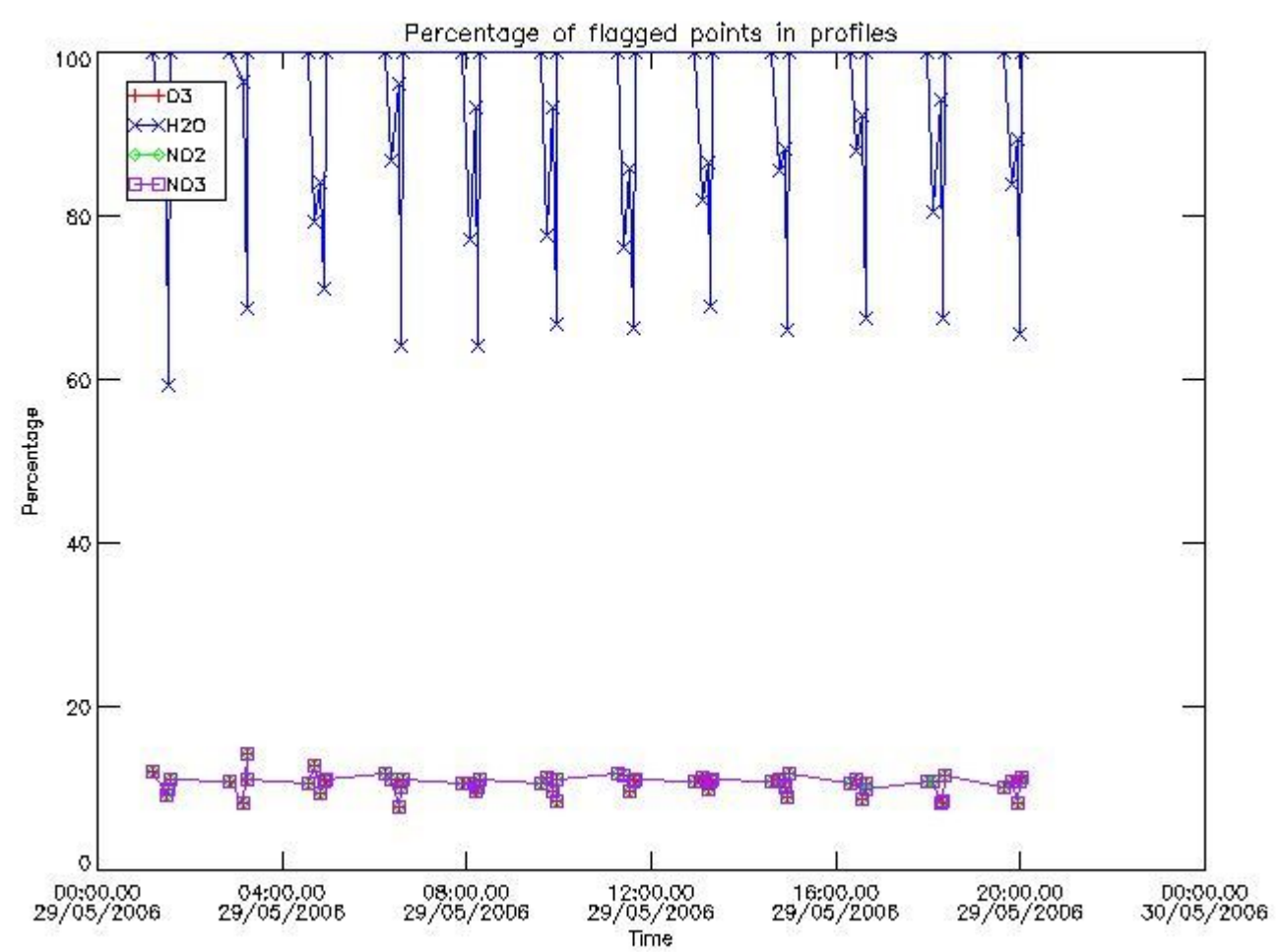
161	GOM_NL__2PRFIN20060529_124902_000000422048_00095_22193_0345.N1	29-MAY-2006 12:49:02	Bright	41.500	53	43Bet And	2.0480	3300.0	83	22193	No
162	GOM_NL__2PRFIN20060529_125140_000000532048_00095_22193_0346.N1	29-MAY-2006 12:51:40	Twilight	52.500	58	21Alp And	2.0730	11000.	105	22193	No
163	GOM_NL__2PRFIN20060529_125626_000000472048_00095_22193_0347.N1	29-MAY-2006 12:56:26	Dark	47.000	140	88Gam Peg	2.8340	26000.	94	22193	No
164	GOM_NL__2PRFIN20060529_130522_000000452048_00095_22193_0348.N1	29-MAY-2006 13:05:22	Dark	45.000	52	16Bet Cet	2.0370	4500.0	90	22193	No
165	GOM_NL__2PRFIN20060529_131340_000000522048_00095_22193_0349.N1	29-MAY-2006 13:13:40	Dark	52.000	18	24Alp PsA	1.1660	9700.0	104	22193	No
166	GOM_NL__2PRFIN20060529_131713_000000472048_00096_22194_0329.N1	29-MAY-2006 13:17:13	Dark	47.000	63	Bet Gru	2.1500	2800.0	94	22194	No
167	GOM_NL__2PRFIN20060529_131902_000000462048_00096_22194_0330.N1	29-MAY-2006 13:19:02	Dark	45.500	31	Alp Gru	1.7340	15200.	91	22194	No
168	GOM_NL__2PRFIN20060529_132410_000000402048_00096_22194_0331.N1	29-MAY-2006 13:24:10	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	22194	No
169	GOM_NL__2PRFIN20060529_133327_000000492048_00096_22194_0332.N1	29-MAY-2006 13:33:27	Straylight	48.500	40	The Sco	1.8590	7100.0	97	22194	No
170	GOM_NL__2PRFIN20060529_133515_000000502048_00096_22194_0333.N1	29-MAY-2006 13:35:15	Twilight	50.000	25	35Lam Sco	1.6200	28000.	100	22194	No
171	GOM_NL__2PRFIN20060529_133707_000000452048_00096_22194_0334.N1	29-MAY-2006 13:37:07	Twilight	44.500	75	26Eps Sco	2.2910	4250.0	89	22194	No
172	GOM_NL__2PRFIN20060529_133911_000000422048_00096_22194_0335.N1	29-MAY-2006 13:39:11	Twilight	42.000	136	23Tau Sco	2.8220	30000.	84	22194	No
173	GOM_NL__2PRFIN20060529_134255_000000482048_00096_22194_0336.N1	29-MAY-2006 13:42:55	Bright	48.000	86	35Eta Oph	2.4300	10200.	96	22194	No
174	GOM_NL__2PRFIN20060529_134449_000000422048_00096_22194_0337.N1	29-MAY-2006 13:44:49	Bright	41.500	98	13Zet Oph	2.5710	30000.	83	22194	No
175	GOM_NL__2PRFIN20060529_134703_000000412048_00096_22194_0338.N1	29-MAY-2006 13:47:03	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	22194	No
176	GOM_NL__2PRFIN20060529_135004_000000382048_00096_22194_0339.N1	29-MAY-2006 13:50:04	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	22194	No
177	GOM_NL__2PRFIN20060529_135602_000000372048_00096_22194_0340.N1	29-MAY-2006 13:56:02	Bright	36.500	67	5Alp CrB	2.2210	11000.	73	22194	No
178	GOM_NL__2PRFIN20060529_135857_000000442048_00096_22194_0341.N1	29-MAY-2006 13:58:57	Bright	44.000	133	40Zet Her	2.8070	6000.0	88	22194	No
179	GOM_NL__2PRFIN20060529_140644_000000402048_00096_22194_0342.N1	29-MAY-2006 14:06:44	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	22194	No
180	GOM_NL__2PRFIN20060529_141719_000000452048_00096_22194_0343.N1	29-MAY-2006 14:17:19	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	22194	No
181	GOM_NL__2PRFIN20060529_142200_000000552048_00096_22194_0344.N1	29-MAY-2006 14:22:00	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	22194	No
182	GOM_NL__2PRFIN20060529_142938_000000452048_00096_22194_0345.N1	29-MAY-2006 14:29:38	Bright	45.000	53	43Bet And	2.0480	3300.0	90	22194	No
183	GOM_NL__2PRFIN20060529_143216_000000512048_00096_22194_0346.N1	29-MAY-2006 14:32:16	Twilight	50.500	58	21Alp And	2.0730	11000.	101	22194	No
184	GOM_NL__2PRFIN20060529_143702_000000472048_00096_22194_0347.N1	29-MAY-2006 14:37:02	Dark	46.500	140	88Gam Peg	2.8340	26000.	93	22194	No
185	GOM_NL__2PRFIN20060529_144558_000000462048_00096_22194_0348.N1	29-MAY-2006 14:45:58	Dark	45.500	52	16Bet Cet	2.0370	4500.0	91	22194	No
186	GOM_NL__2PRFIN20060529_145417_000000552048_00096_22194_0349.N1	29-MAY-2006 14:54:17	Dark	55.000	18	24Alp PsA	1.1660	9700.0	110	22194	No
187	GOM_NL__2PRFIN20060529_145750_000000572048_00097_22195_0329.N1	29-MAY-2006 14:57:50	Dark	56.500	63	Bet Gru	2.1500	2800.0	113	22195	No
188	GOM_NL__2PRFIN20060529_145939_000000472048_00097_22195_0330.N1	29-MAY-2006 14:59:39	Dark	47.000	31	Alp Gru	1.7340	15200.	94	22195	No
189	GOM_NL__2PRFIN20060529_150446_000000432048_00097_22195_0331.N1	29-MAY-2006 15:04:46	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	22195	No
190	GOM_NL__2PRFIN20060529_151403_000000452048_00097_22195_0332.N1	29-MAY-2006 15:14:03	Straylight	45.000	40	The Sco	1.8590	7100.0	90	22195	No
191	GOM_NL__2PRFIN20060529_151552_000000502048_00097_22195_0333.N1	29-MAY-2006 15:15:52	Twilight	49.500	25	35Lam Sco	1.6200	28000.	99	22195	No
192	GOM_NL__2PRFIN20060529_151743_000000472048_00097_22195_0334.N1	29-MAY-2006 15:17:43	Twilight	47.000	75	26Eps Sco	2.2910	4250.0	94	22195	No
193	GOM_NL__2PRFIN20060529_151947_000000412048_00097_22195_0335.N1	29-MAY-2006 15:19:47	Twilight	41.000	136	23Tau Sco	2.8220	30000.	82	22195	No
194	GOM_NL__2PRFIN20060529_152331_000000472048_00097_22195_0336.N1	29-MAY-2006 15:23:31	Bright	46.500	86	35Eta Oph	2.4300	10200.	93	22195	No
195	GOM_NL__2PRFIN20060529_152525_000000442048_00097_22195_0337.N1	29-MAY-2006 15:25:25	Bright	43.500	98	13Zet Oph	2.5710	30000.	87	22195	No
196	GOM_NL__2PRFIN20060529_152738_000000412048_00097_22195_0338.N1	29-MAY-2006 15:27:38	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	22195	No
197	GOM_NL__2PRFIN20060529_153040_000000472048_00097_22195_0339.N1	29-MAY-2006 15:30:40	Bright	46.500	102	24Alp Ser	2.6000	4250.0	93	22195	No
198	GOM_NL__2PRFIN20060529_153638_000000372048_00097_22195_0340.N1	29-MAY-2006 15:36:38	Bright	36.500	67	5Alp CrB	2.2210	11000.	73	22195	No
199	GOM_NL__2PRFIN20060529_153932_000000462048_00097_22195_0341.N1	29-MAY-2006 15:39:32	Bright	45.500	133	40Zet Her	2.8070	6000.0	91	22195	No
200	GOM_NL__2PRFIN20060529_154720_000000362048_00097_22195_0342.N1	29-MAY-2006 15:47:20	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	22195	No
201	GOM_NL__2PRFIN20060529_155754_000000462048_00097_22195_0343.N1	29-MAY-2006 15:57:54	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	22195	No
202	GOM_NL__2PRFIN20060529_160236_000000552048_00097_22195_0344.N1	29-MAY-2006 16:02:36	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	22195	No
203	GOM_NL__2PRFIN20060529_161014_000000422048_00097_22195_0345.N1	29-MAY-2006 16:10:14	Bright	41.500	53	43Bet And	2.0480	3300.0	83	22195	No
204	GOM_NL__2PRFIN20060529_161252_000000522048_00097_22195_0346.N1	29-MAY-2006 16:12:52	Twilight	52.000	58	21Alp And	2.0730	11000.	104	22195	No
205	GOM_NL__2PRFIN20060529_161739_000000482048_00097_22195_0347.N1	29-MAY-2006 16:17:39	Dark	48.000	140	88Gam Peg	2.8340	26000.	96	22195	No
206	GOM_NL__2PRFIN20060529_162635_000000462048_00097_22195_0348.N1	29-MAY-2006 16:26:35	Dark	46.000	52	16Bet Cet	2.0370	4500.0	92	22195	No
207	GOM_NL__2PRFIN20060529_163454_000000592048_00097_22195_0349.N1	29-MAY-2006 16:34:54	Dark	58.500	18	24Alp PsA	1.1660	9700.0	117	22195	No
208	GOM_NL__2PRFIN20060529_163827_000000482048_00098_22196_0349.N1	29-MAY-2006 16:38:27	Dark	48.000	63	Bet Gru	2.1500	2800.0	96	22196	No
209	GOM_NL__2PRFIN20060529_164016_000000522048_00098_22196_0350.N1	29-MAY-2006 16:40:16	Dark	51.500	31	Alp Gru	1.7340	15200.	103	22196	No
210	GOM_NL__2PRFIN20060529_164523_000000412048_00098_22196_0351.N1	29-MAY-2006 16:45:23	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	22196	No
211	GOM_NL__2PRFIN20060529_165439_000000462048_00098_22196_0352.N1	29-MAY-2006 16:54:39	Straylight	46.000	40	The Sco	1.8590	7100.0	92	22196	No
212	GOM_NL__2PRFIN20060529_165628_000000482048_00098_22196_0353.N1	29-MAY-2006 16:56:28	Twilight	47.500	25	35Lam Sco	1.6200	28000.	95	22196	No
213	GOM_NL__2PRFIN20060529_165819_000000462048_00098_22196_0354.N1	29-MAY-2006 16:58:19	Twilight	46.000	75	26Eps Sco	2.2910	4250.0	92	22196	No
214	GOM_NL__2PRFIN20060529_170024_000000412048_00098_22196_0355.N1	29-MAY-2006 17:00:24	Bright	40.500	136	23Tau Sco	2.8220	30000.	81	22196	No
215	GOM_NL__2PRFIN20060529_170407_000000472048_00098_22196_0356.N1	29-MAY-2006 17:04:07	Bright	47.000	86	35Eta Oph	2.4300	10200.	94	22196	No
216	GOM_NL__2PRFIN20060529_170601_000000432048_00098_22196_0357.N1	29-MAY-2006 17:06:01	Bright	42.500	98	13Zet Oph	2.5710	30000.	85	22196	No
217	GOM_NL__2PRFIN20060529_170814_000000412048_00098_22196_0358.N1	29-MAY-2006 17:08:14	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	22196	No
218	GOM_NL__2PRFIN20060529_171116_000000372048_00098_22196_0359.N1	29-MAY-2006 17:11:16	Bright	37.000	102	24Alp Ser	2.6000	4250.0	74	22196	No
219	GOM_NL__2PRFIN20060529_171714_000000392048_00098_22196_0360.N1	29-MAY-2006 17:17:14	Bright	38.500	67	5Alp CrB	2.2210	11000.	77	22196	No

220	GOM_NL__2PRFIN20060529_172007_000000442048_00098_22196_0361.N1	29-MAY-2006 17:20:07	Bright	43.500	133	40Zet Her	2.8070	6000.0	87	22196	No
221	GOM_NL__2PRFIN20060529_172755_000000392048_00098_22196_0362.N1	29-MAY-2006 17:27:55	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	22196	No
222	GOM_NL__2PRFIN20060529_173829_000000472048_00098_22196_0363.N1	29-MAY-2006 17:38:29	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	22196	No
223	GOM_NL__2PRFIN20060529_174312_000000452048_00098_22196_0364.N1	29-MAY-2006 17:43:12	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	22196	No
224	GOM_NL__2PRFIN20060529_175050_000000412048_00098_22196_0365.N1	29-MAY-2006 17:50:50	Bright	41.000	53	43Bet And	2.0480	3300.0	82	22196	No
225	GOM_NL__2PRFIN20060529_175329_000000492048_00098_22196_0366.N1	29-MAY-2006 17:53:29	Twilight	48.500	58	21Alp And	2.0730	11000.	97	22196	No
226	GOM_NL__2PRFIN20060529_175816_000000482048_00098_22196_0367.N1	29-MAY-2006 17:58:16	Dark	47.500	140	88Gam Peg	2.8340	26000.	95	22196	No
227	GOM_NL__2PRFIN20060529_180711_000000472048_00098_22196_0368.N1	29-MAY-2006 18:07:11	Dark	46.500	52	16Bet Cet	2.0370	4500.0	93	22196	No
228	GOM_NL__2PRFIN20060529_181531_000000622048_00098_22196_0369.N1	29-MAY-2006 18:15:31	Dark	62.000	18	24Alp PsA	1.1660	9700.0	124	22196	No
229	GOM_NL__2PRFIN20060529_181904_000000612048_00099_22197_0349.N1	29-MAY-2006 18:19:04	Dark	60.500	63	Bet Gru	2.1500	2800.0	121	22197	No
230	GOM_NL__2PRFIN20060529_182053_000000452048_00099_22197_0350.N1	29-MAY-2006 18:20:53	Dark	44.500	31	Alp Gru	1.7340	15200.	89	22197	No
231	GOM_NL__2PRFIN20060529_182600_000000422048_00099_22197_0351.N1	29-MAY-2006 18:26:00	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	22197	No
232	GOM_NL__2PRFIN20060529_183516_000000492048_00099_22197_0352.N1	29-MAY-2006 18:35:16	Straylight	48.500	40	The Sco	1.8590	7100.0	97	22197	No
233	GOM_NL__2PRFIN20060529_183705_000000492048_00099_22197_0353.N1	29-MAY-2006 18:37:05	Twilight	48.500	25	35Lam Sco	1.6200	28000.	97	22197	No
234	GOM_NL__2PRFIN20060529_183856_000000462048_00099_22197_0354.N1	29-MAY-2006 18:38:56	Twilight	45.500	75	26Eps Sco	2.2910	4250.0	91	22197	No
235	GOM_NL__2PRFIN20060529_184100_000000412048_00099_22197_0355.N1	29-MAY-2006 18:41:00	Bright	40.500	136	23Tau Sco	2.8220	30000.	81	22197	No
236	GOM_NL__2PRFIN20060529_184443_000000472048_00099_22197_0356.N1	29-MAY-2006 18:44:43	Bright	47.000	86	35Eta Oph	2.4300	10200.	94	22197	No
237	GOM_NL__2PRFIN20060529_184637_000000432048_00099_22197_0357.N1	29-MAY-2006 18:46:37	Bright	42.500	98	13Zet Oph	2.5710	30000.	85	22197	No
238	GOM_NL__2PRFIN20060529_184850_000000412048_00099_22197_0358.N1	29-MAY-2006 18:48:50	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	22197	No
239	GOM_NL__2PRFIN20060529_185152_000000372048_00099_22197_0359.N1	29-MAY-2006 18:51:52	Bright	37.000	102	24Alp Ser	2.6000	4250.0	74	22197	No
240	GOM_NL__2PRFIN20060529_185750_000000382048_00099_22197_0360.N1	29-MAY-2006 18:57:50	Bright	38.000	67	5Alp CrB	2.2210	11000.	76	22197	No
241	GOM_NL__2PRFIN20060529_190043_000000452048_00099_22197_0361.N1	29-MAY-2006 19:00:43	Bright	44.500	133	40Zet Her	2.8070	6000.0	89	22197	No
242	GOM_NL__2PRFIN20060529_190831_000000402048_00099_22197_0362.N1	29-MAY-2006 19:08:31	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	22197	No
243	GOM_NL__2PRFIN20060529_191905_000000472048_00099_22197_0363.N1	29-MAY-2006 19:19:05	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	22197	No
244	GOM_NL__2PRFIN20060529_192348_000000552048_00099_22197_0364.N1	29-MAY-2006 19:23:48	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	22197	No
245	GOM_NL__2PRFIN20060529_193126_000000402048_00099_22197_0365.N1	29-MAY-2006 19:31:26	Bright	40.000	53	43Bet And	2.0480	3300.0	80	22197	No
246	GOM_NL__2PRFIN20060529_193405_000000532048_00099_22197_0366.N1	29-MAY-2006 19:34:05	Twilight	53.000	58	21Alp And	2.0730	11000.	106	22197	No
247	GOM_NL__2PRFIN20060529_193852_000000502048_00099_22197_0367.N1	29-MAY-2006 19:38:52	Dark	50.000	140	88Gam Peg	2.8340	26000.	100	22197	No
248	GOM_NL__2PRFIN20060529_194748_000000472048_00099_22197_0368.N1	29-MAY-2006 19:47:48	Dark	47.000	52	16Bet Cet	2.0370	4500.0	94	22197	No
249	GOM_NL__2PRFIN20060529_195608_000000622048_00099_22197_0369.N1	29-MAY-2006 19:56:08	Dark	61.500	18	24Alp PsA	1.1660	9700.0	123	22197	No
250	GOM_NL__2PRFIN20060529_195940_000000472048_00100_22198_0349.N1	29-MAY-2006 19:59:40	Dark	47.000	63	Bet Gru	2.1500	2800.0	94	22198	No
251	GOM_NL__2PRFIN20060529_200130_000000452048_00100_22198_0350.N1	29-MAY-2006 20:01:30	Dark	45.000	31	Alp Gru	1.7340	15200.	90	22198	No
252	GOM_NL__2PRFIN20060529_200636_000000402048_00100_22198_0351.N1	29-MAY-2006 20:06:36	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	22198	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.

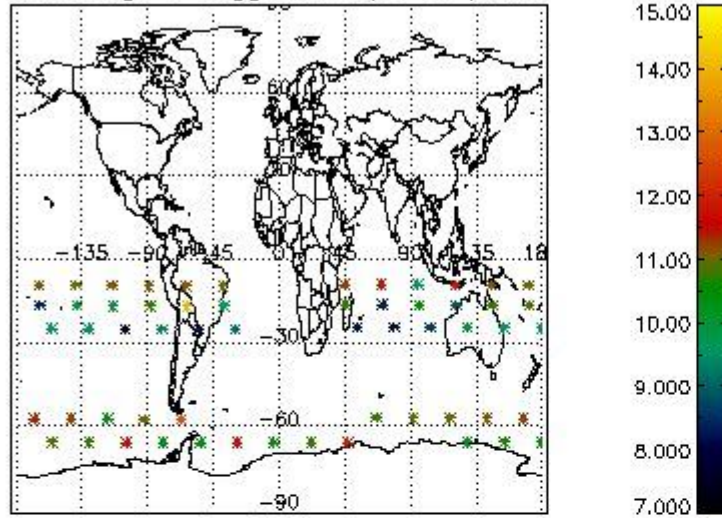
#### 3.1 Plot quality information per product (time dependant)



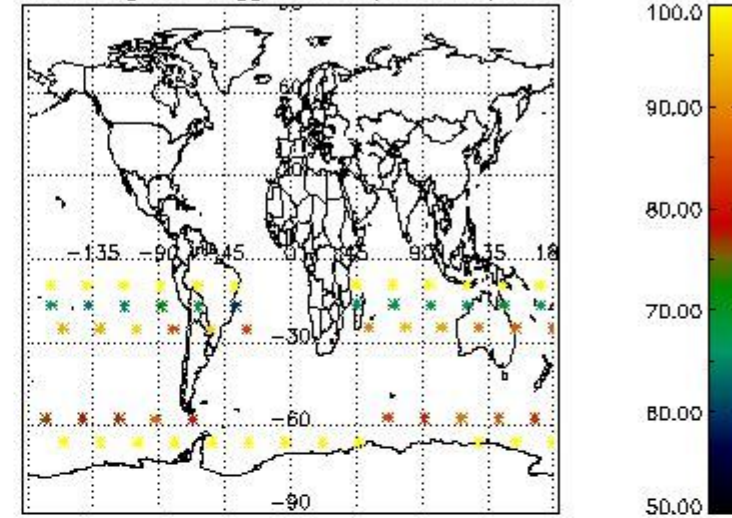
3.2 Plot quality information per product (world map)



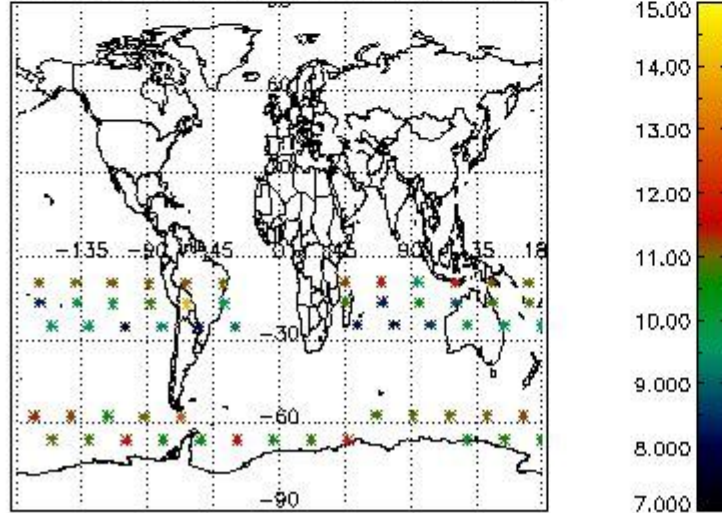
Percentage of flagged data per O3 profile



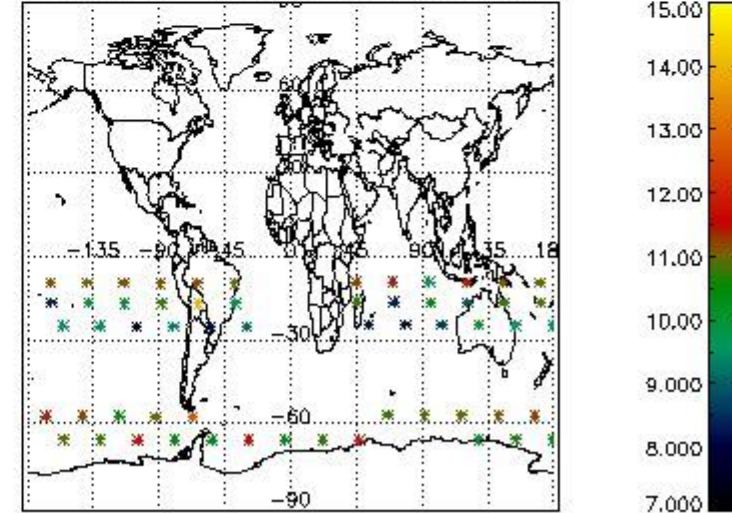
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

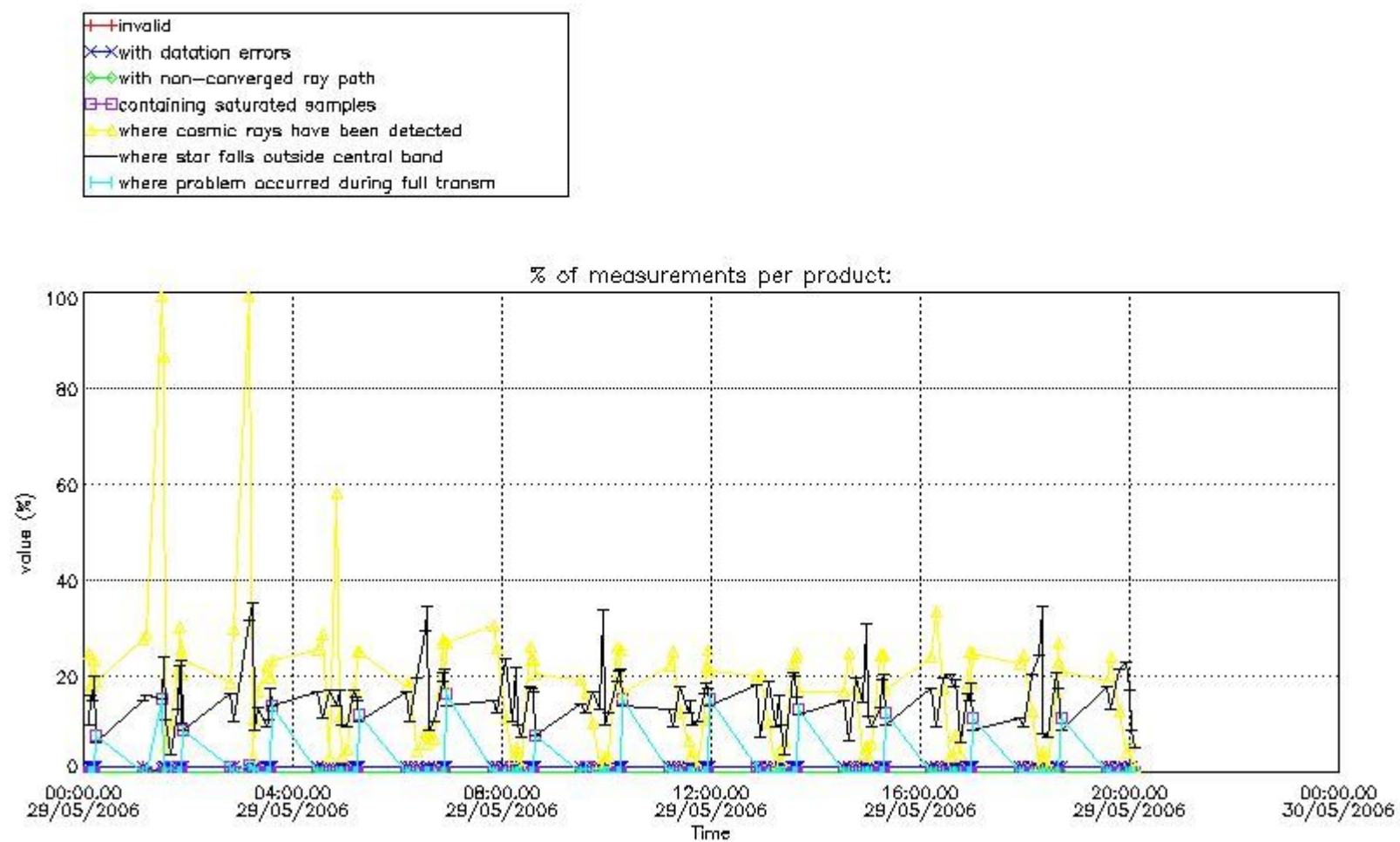


#### 4. Level 1 quality information per product

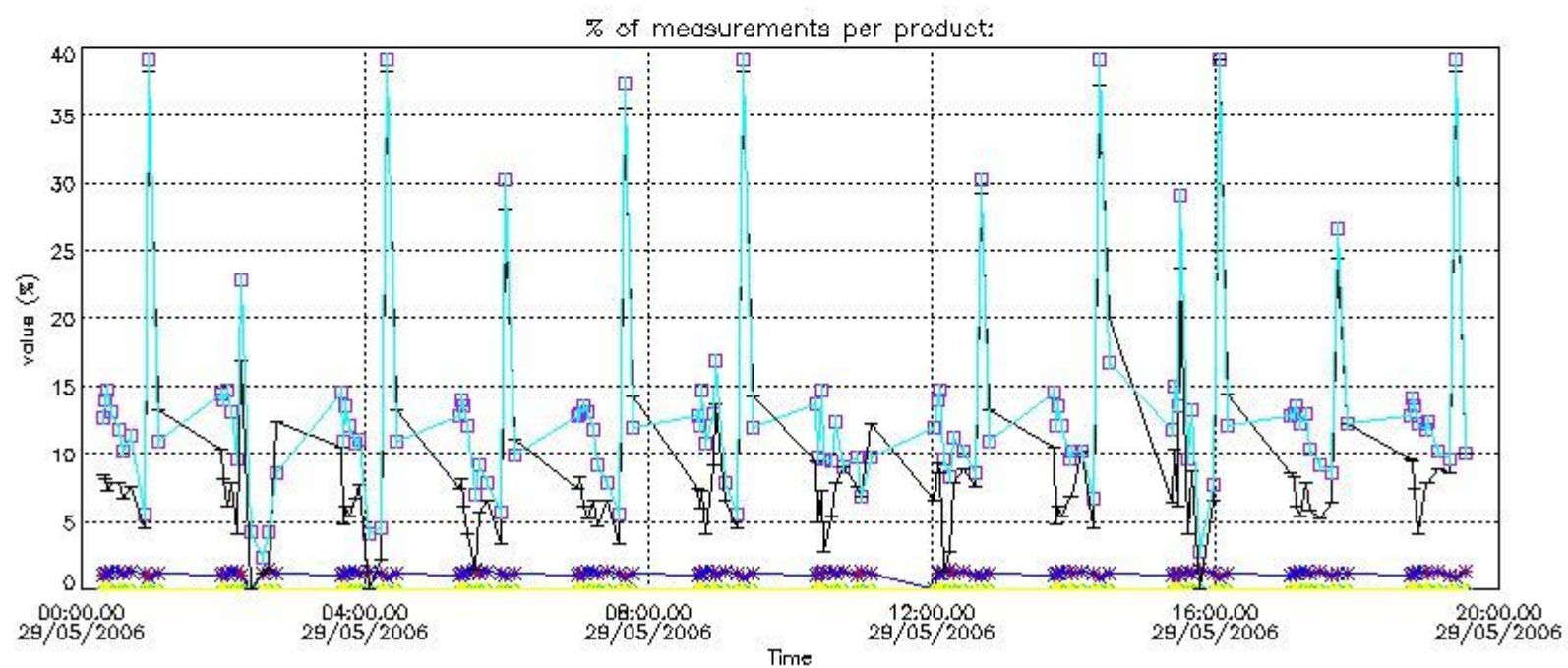
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

##### 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

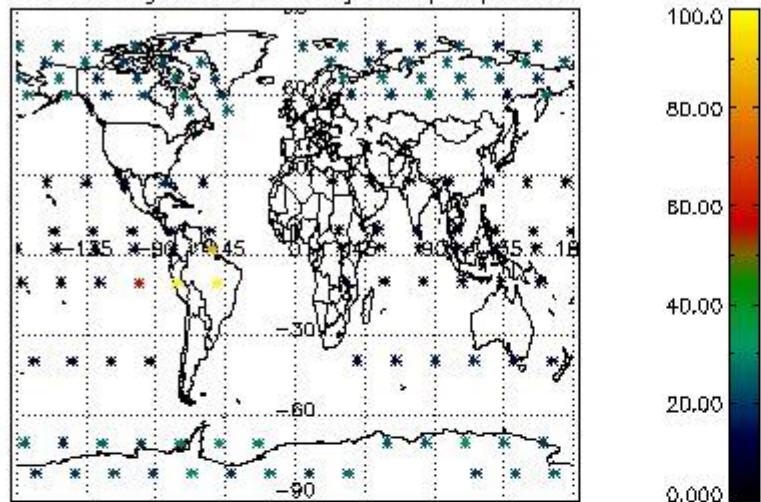


4.2 Plot quality information per product coming from level 1b processing (world map)

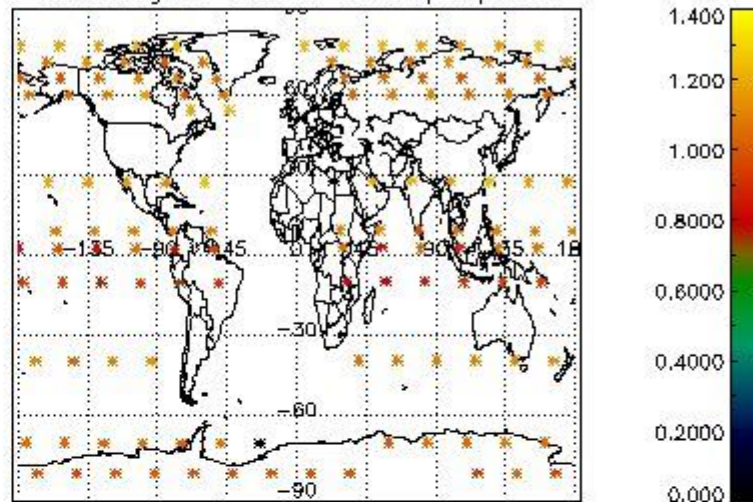
4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes



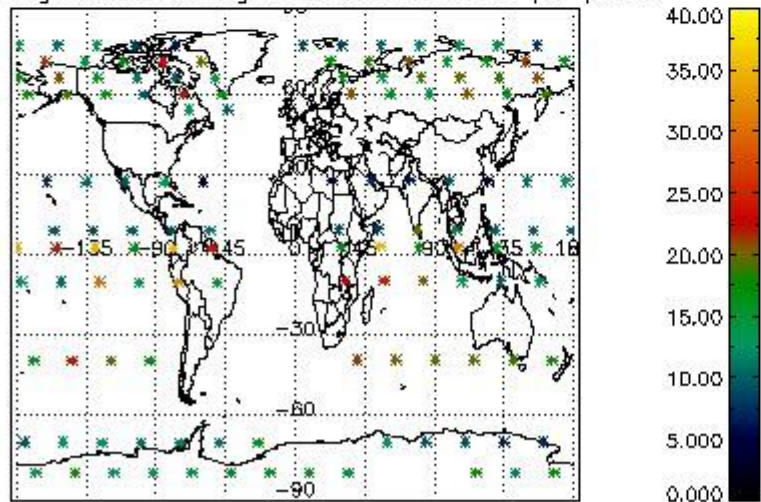
Percentage of cosmic ray hits per profile



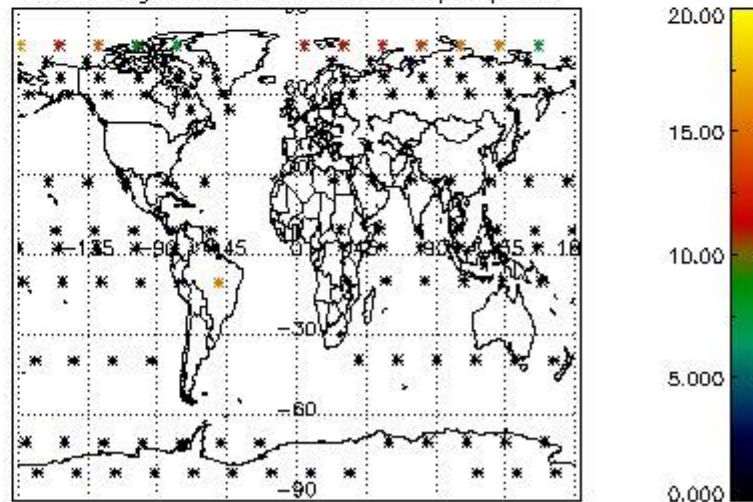
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

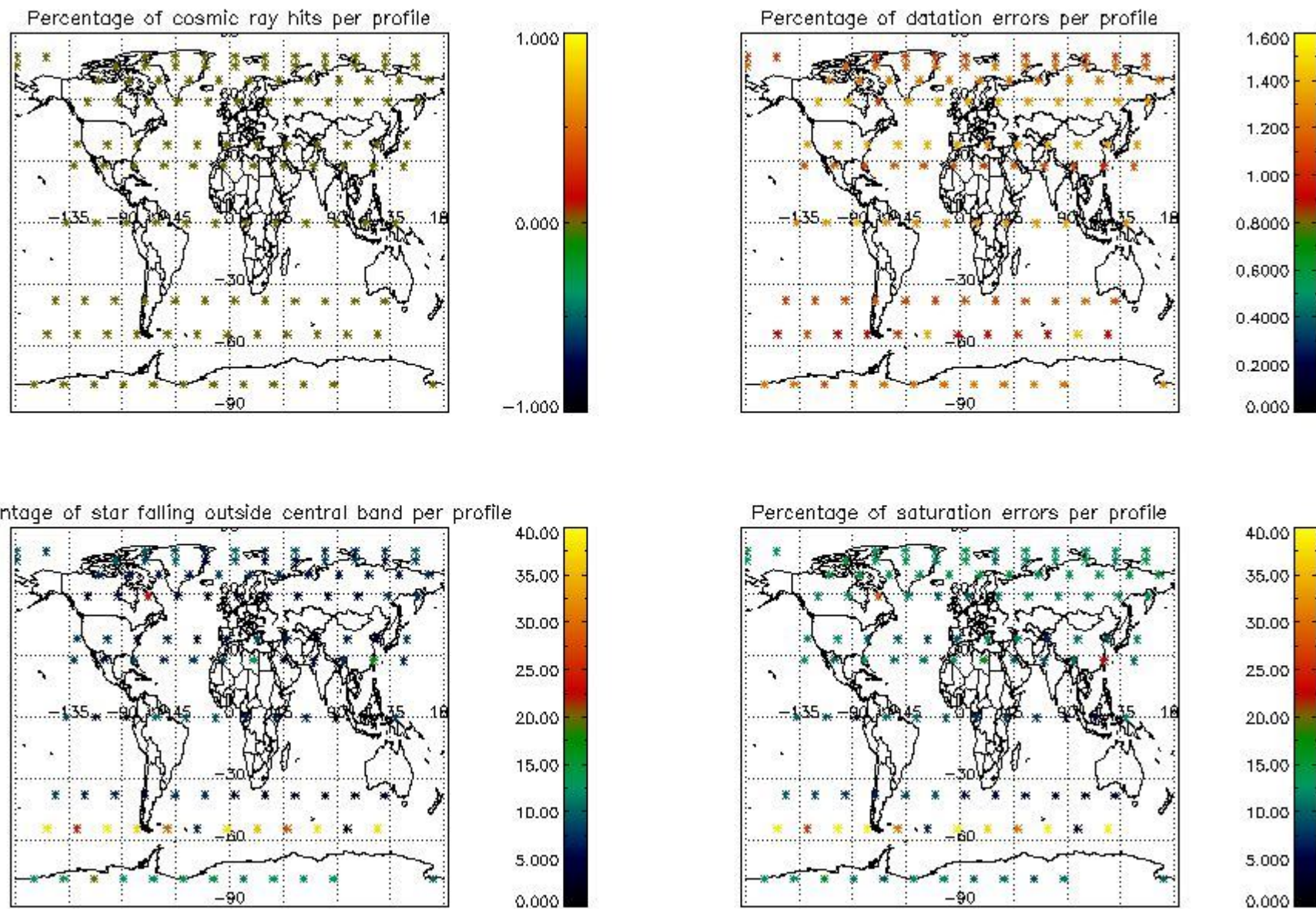


Percentage of saturation errors per profile



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

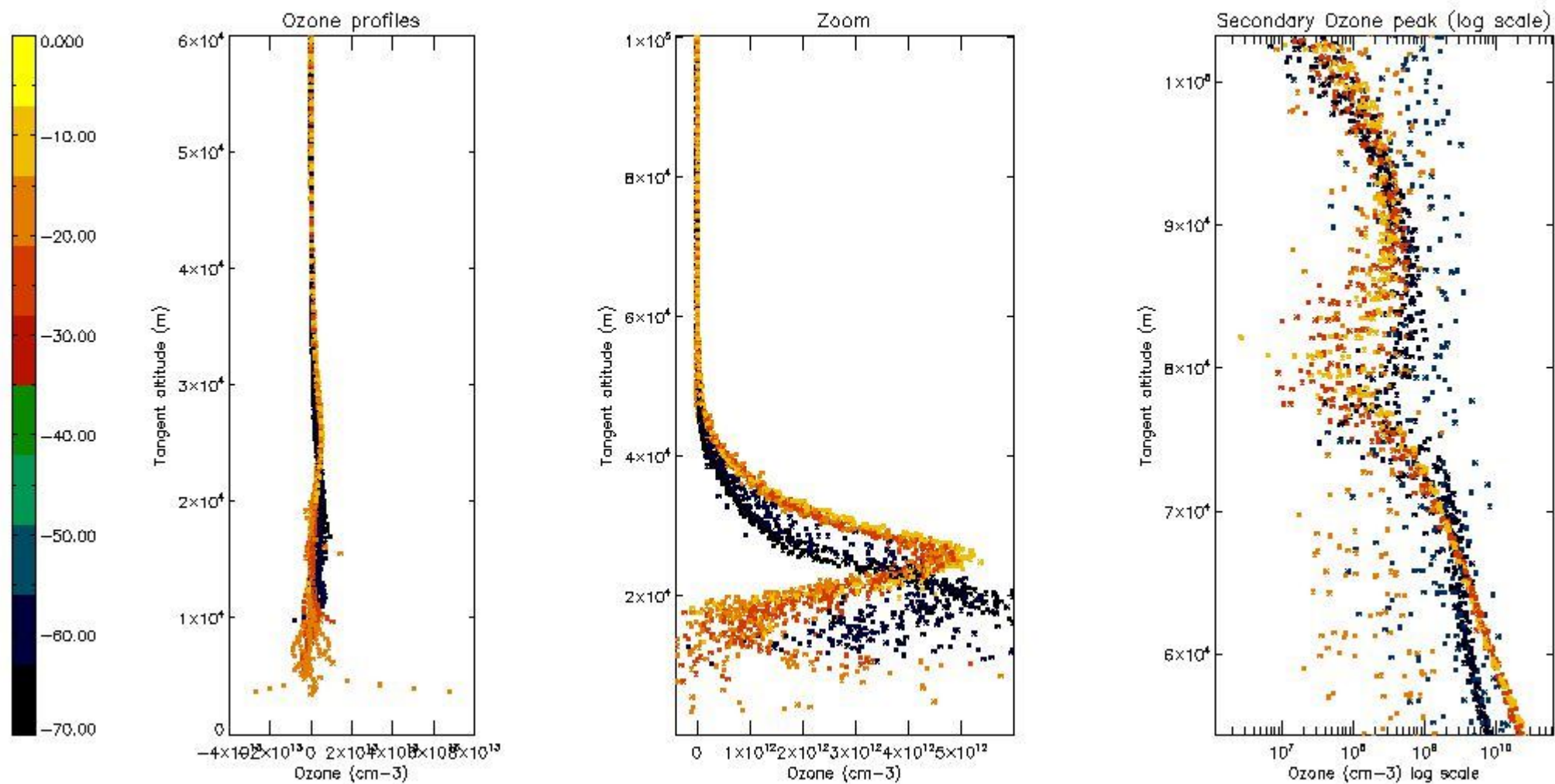
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	26
STD < 20	14

STD < 10	11
STD < 5	8

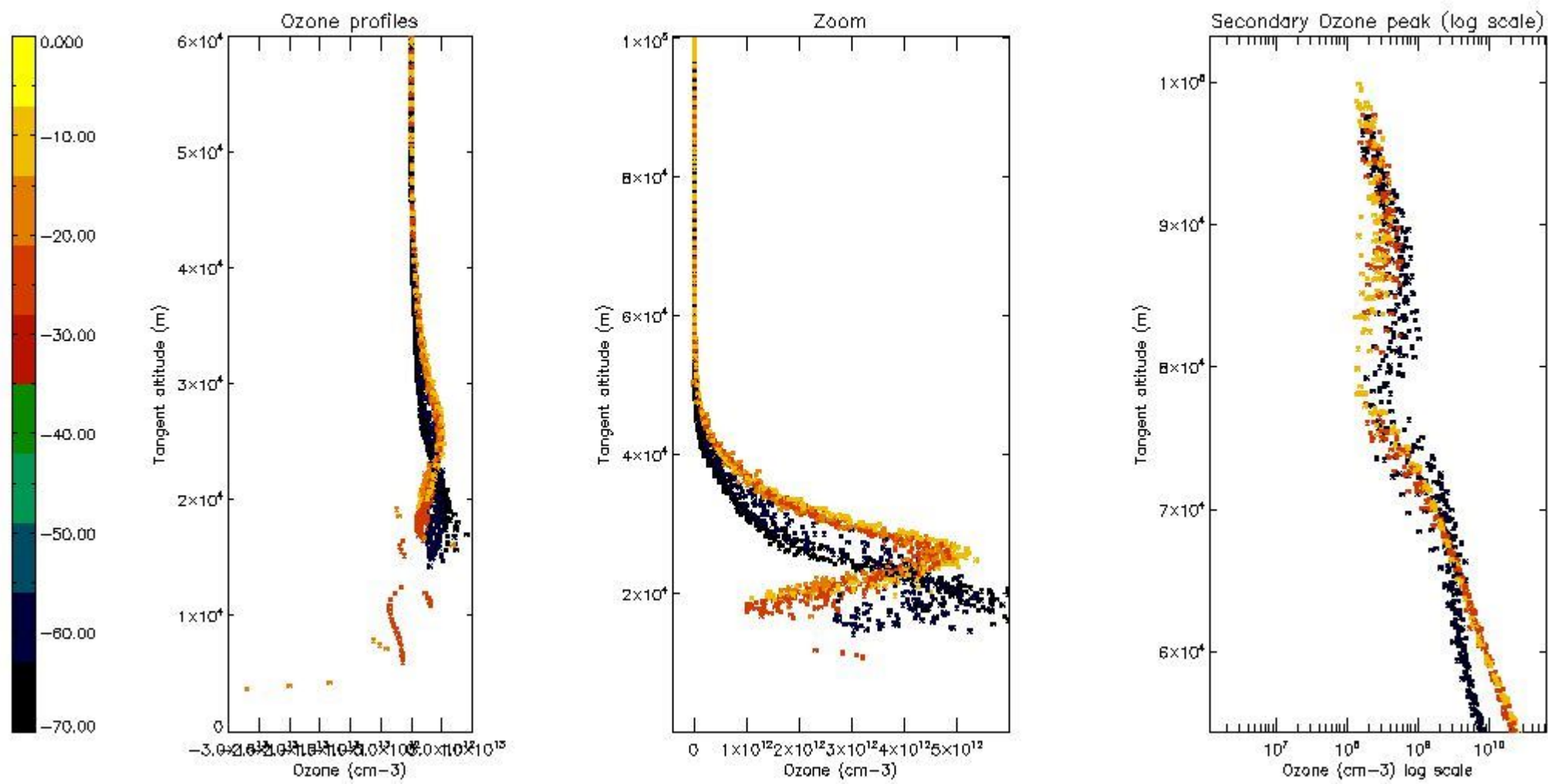
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

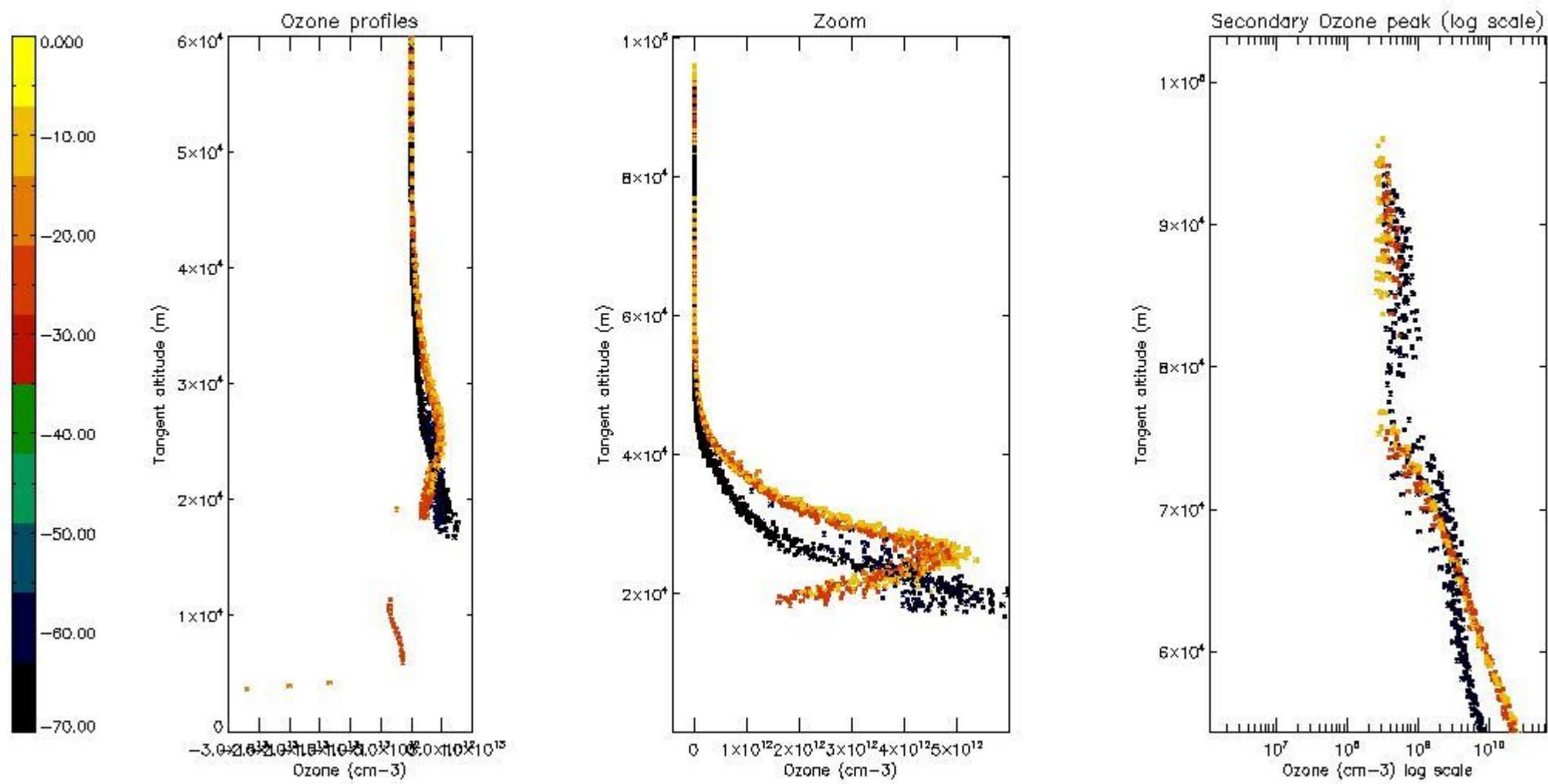
The colorbar represents the latitude.



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

The colorbar represents the latitude.

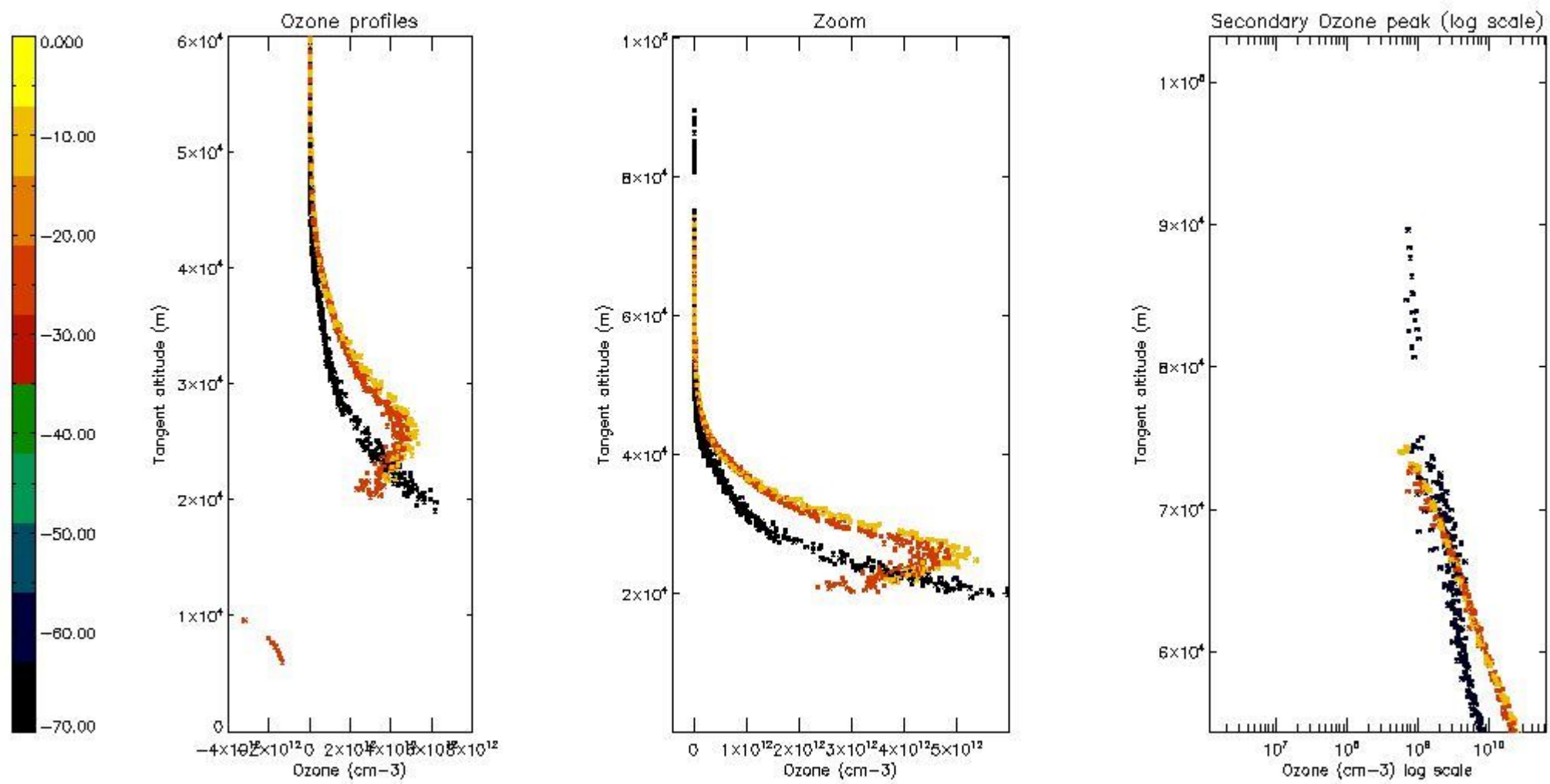




*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

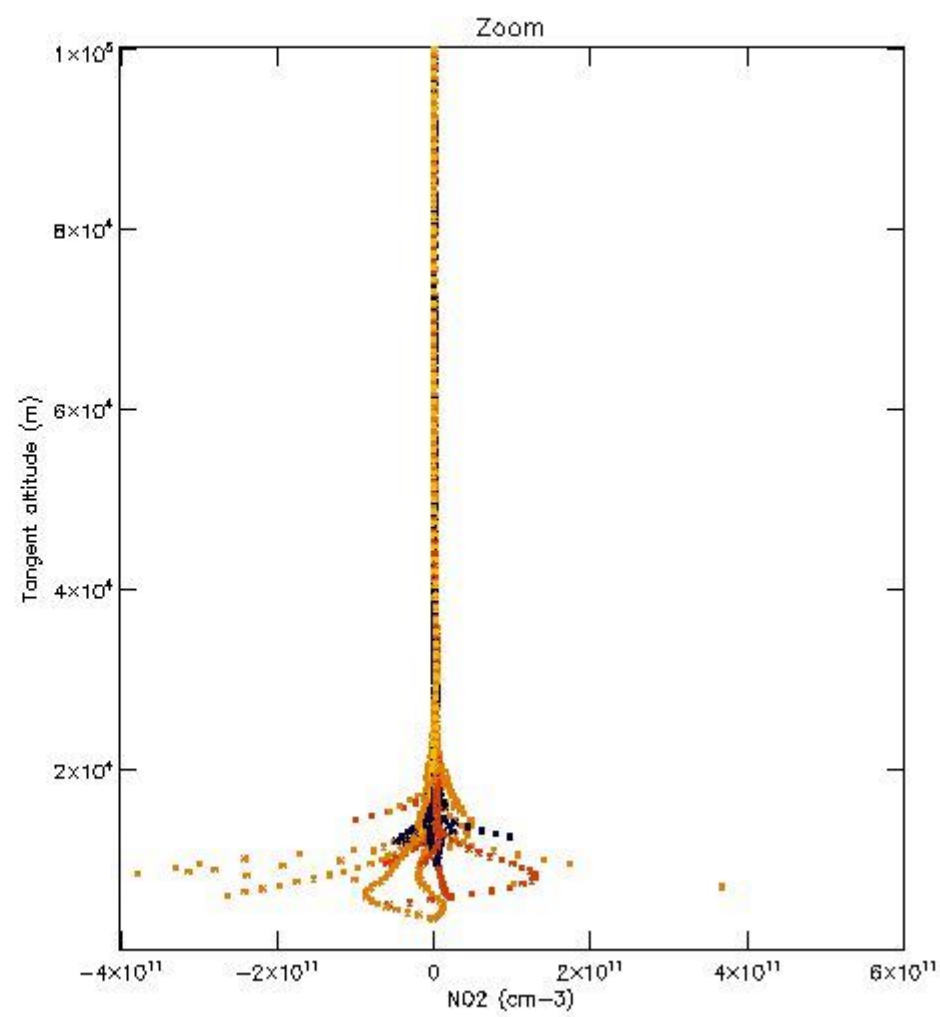
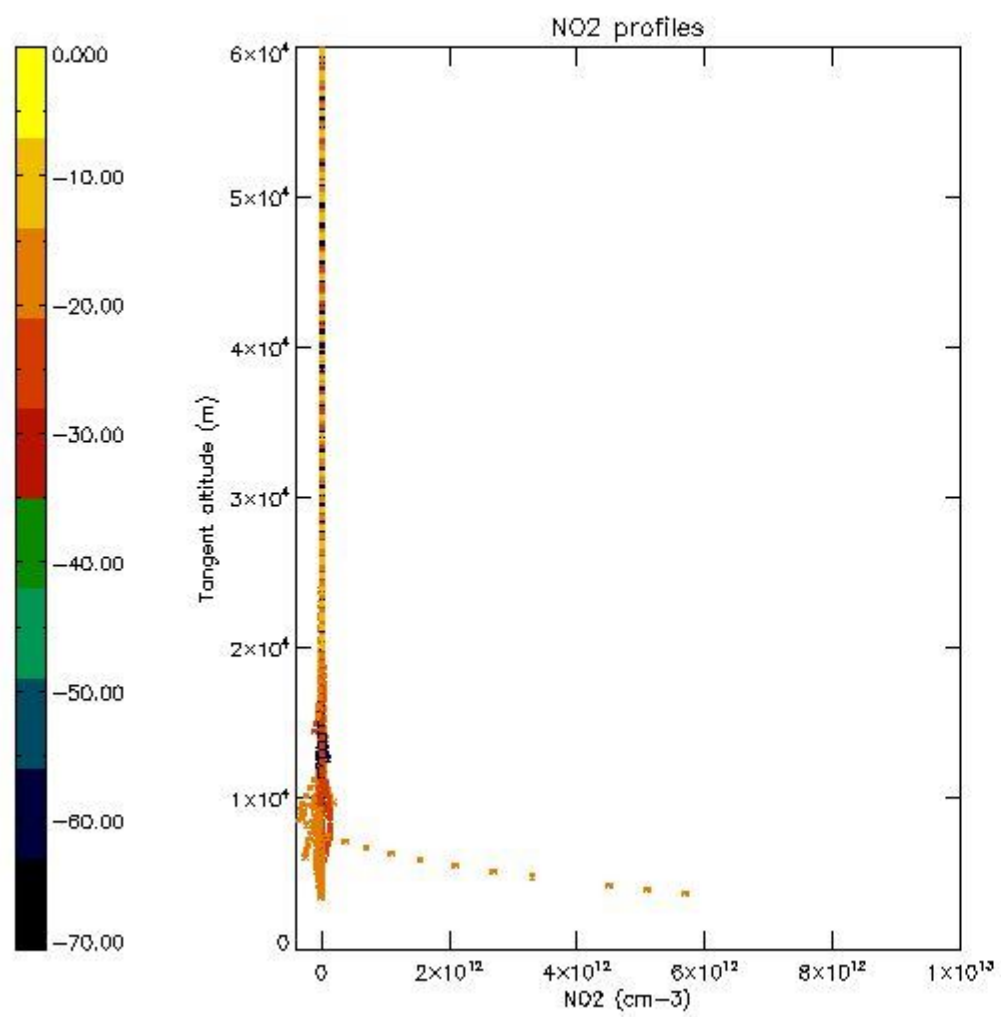
The colorbar represents the latitude.





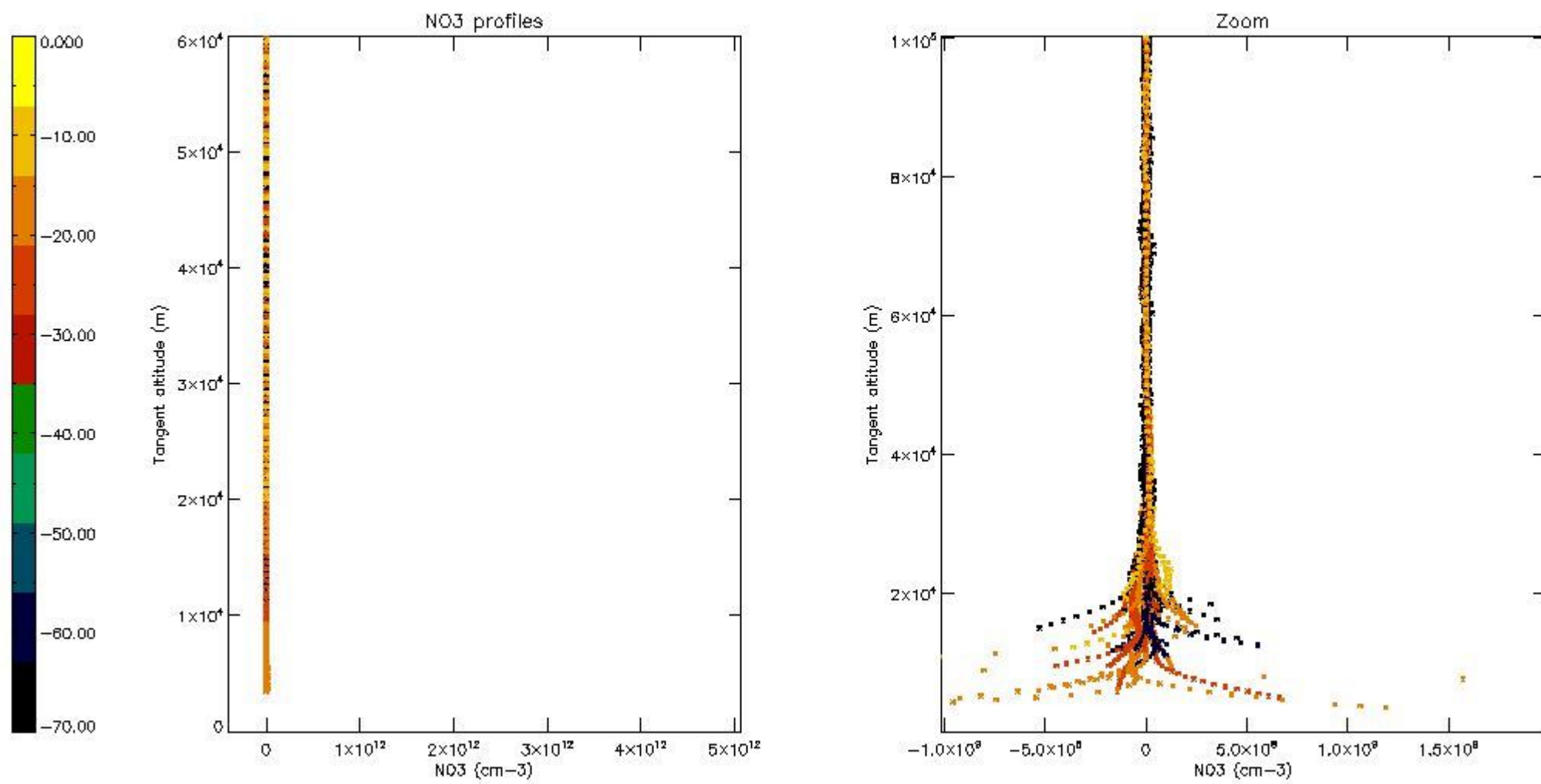
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

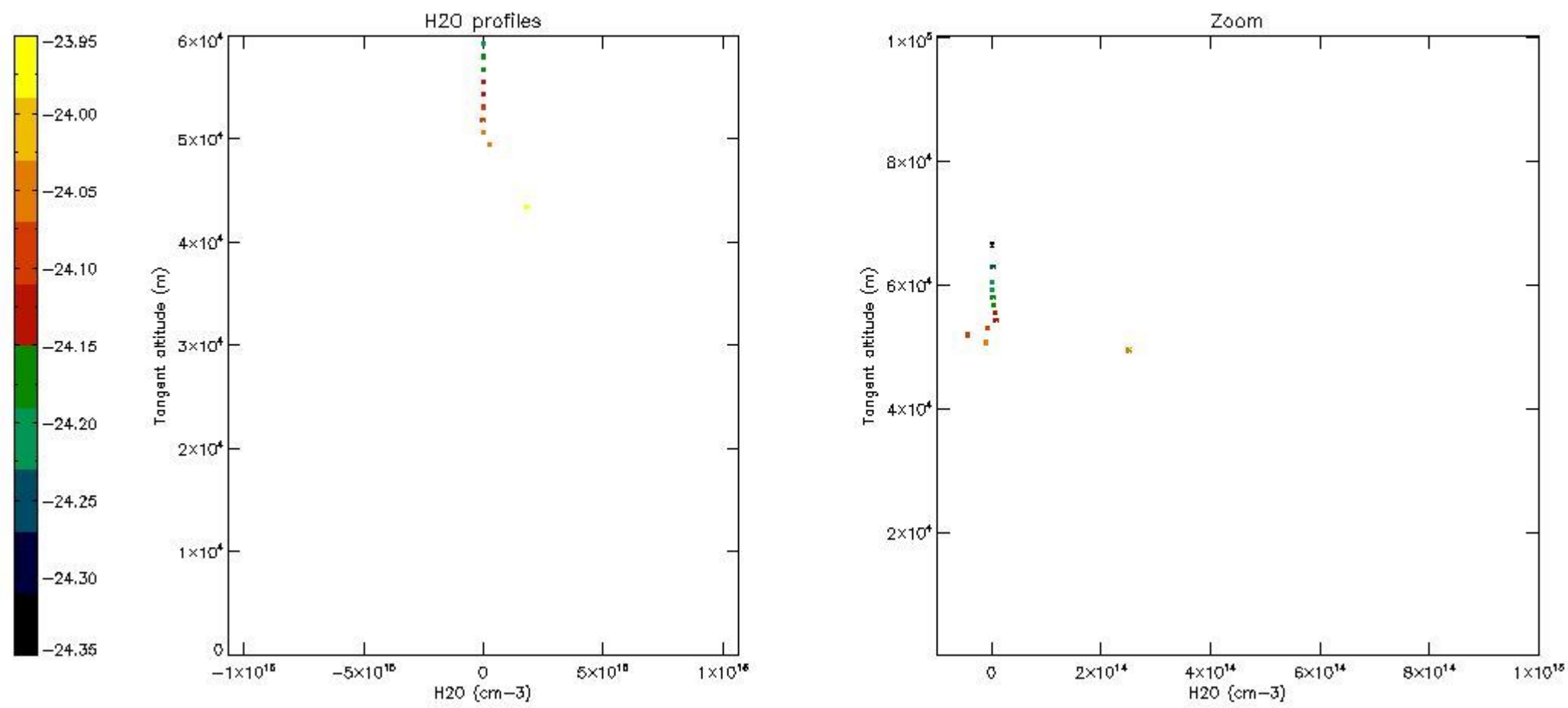
The colorbar represents the latitude.



5.8 Plot H<sub>2</sub>O profiles for all STD (only for occultations of stars 1,2,3,4,13,14,16,26,63 dark without errors)

The colorbar represents the latitude.

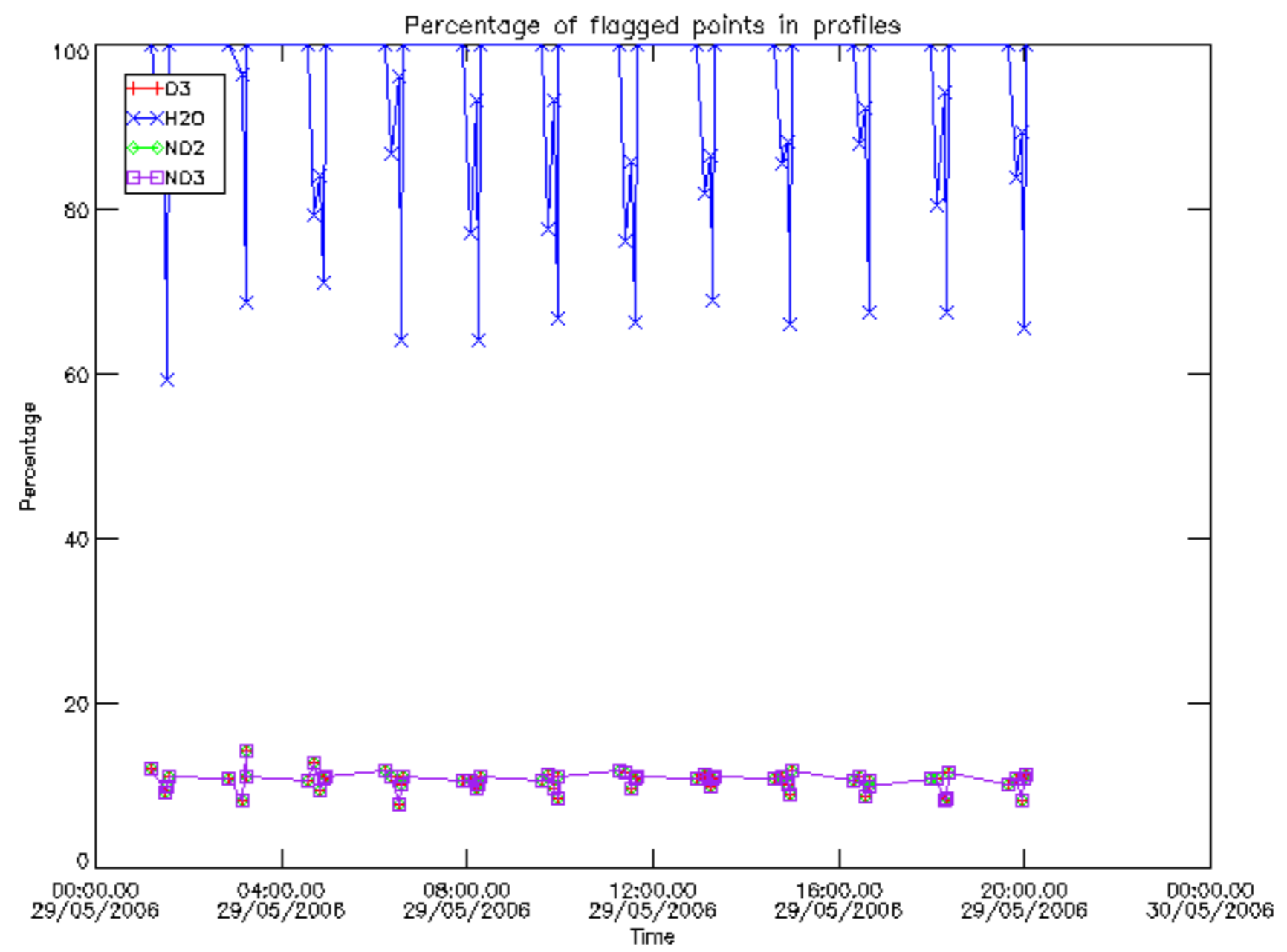




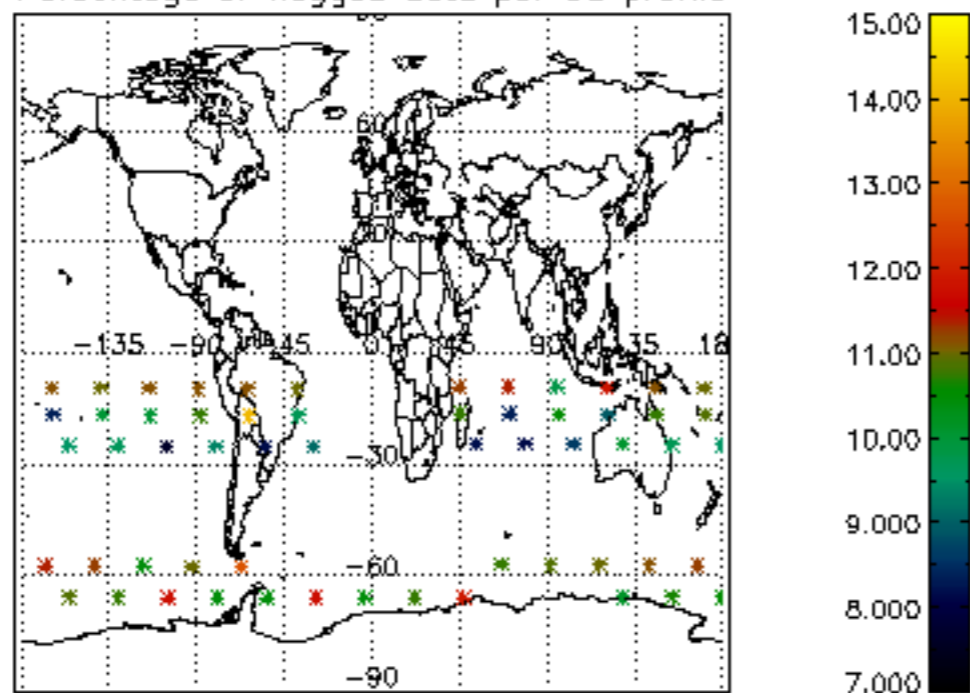
## 6. Auxiliary Data Files used for the production reported in section 2

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

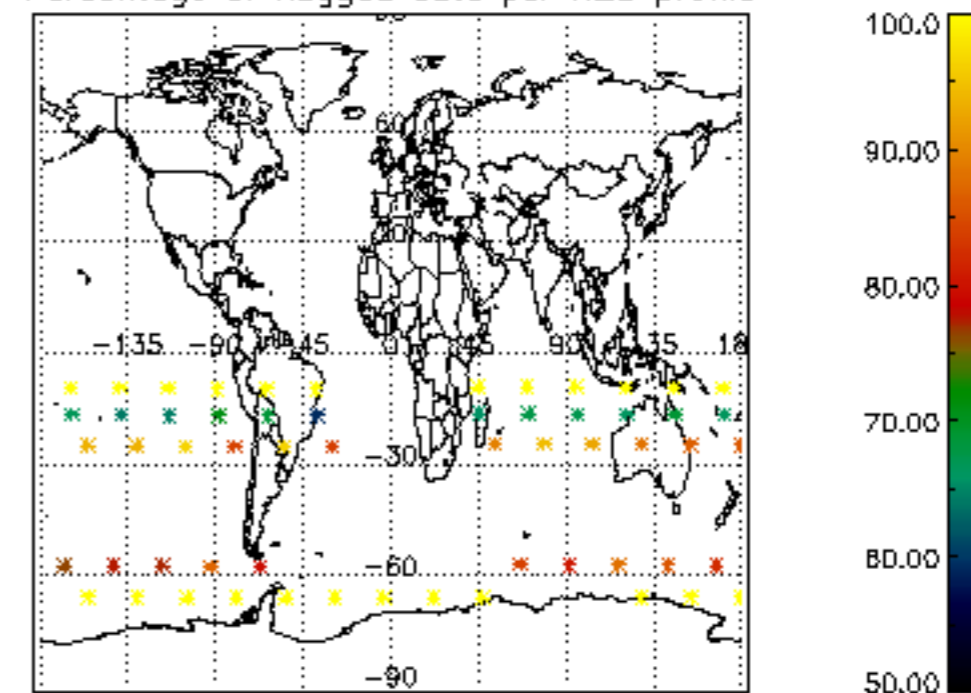
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	29-MAY-2006 00:06:55
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	29-MAY-2006 00:06:55
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	29-MAY-2006 00:06:55



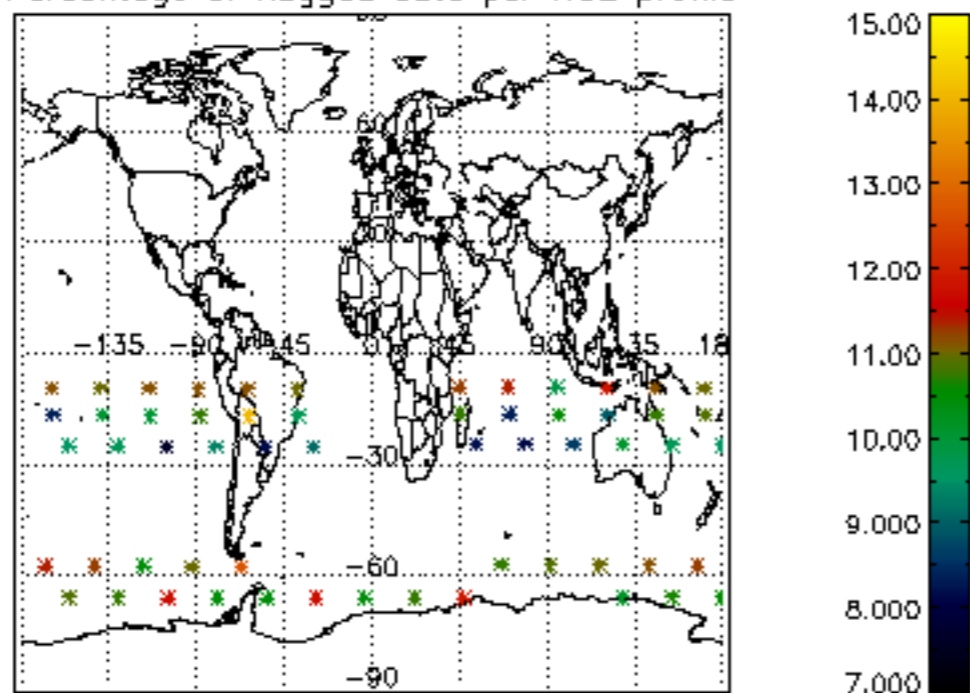
Percentage of flagged data per D3 profile



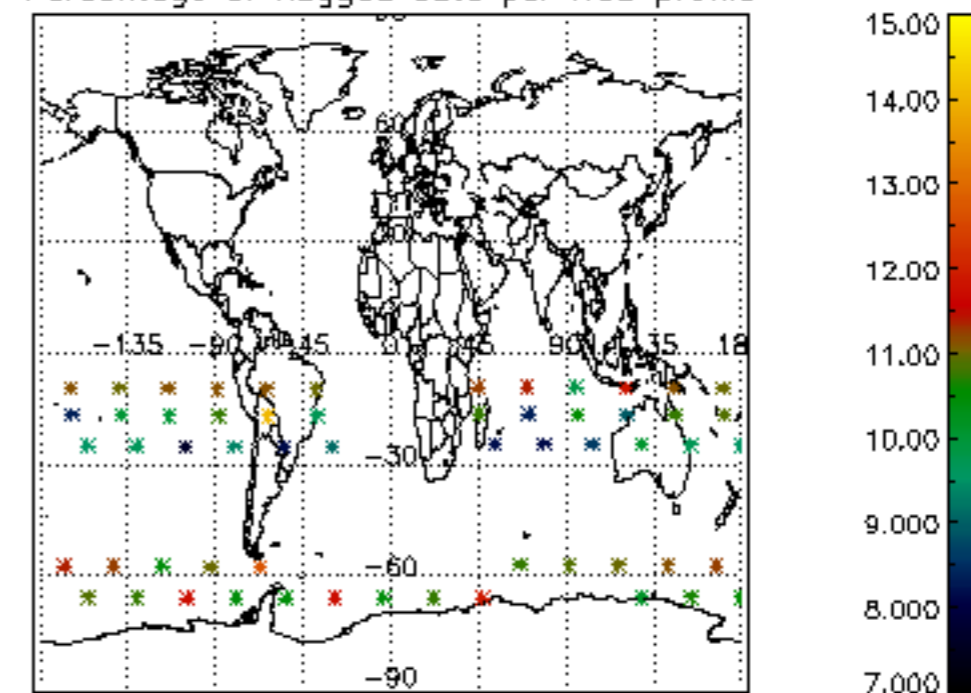
Percentage of flagged data per H2O profile



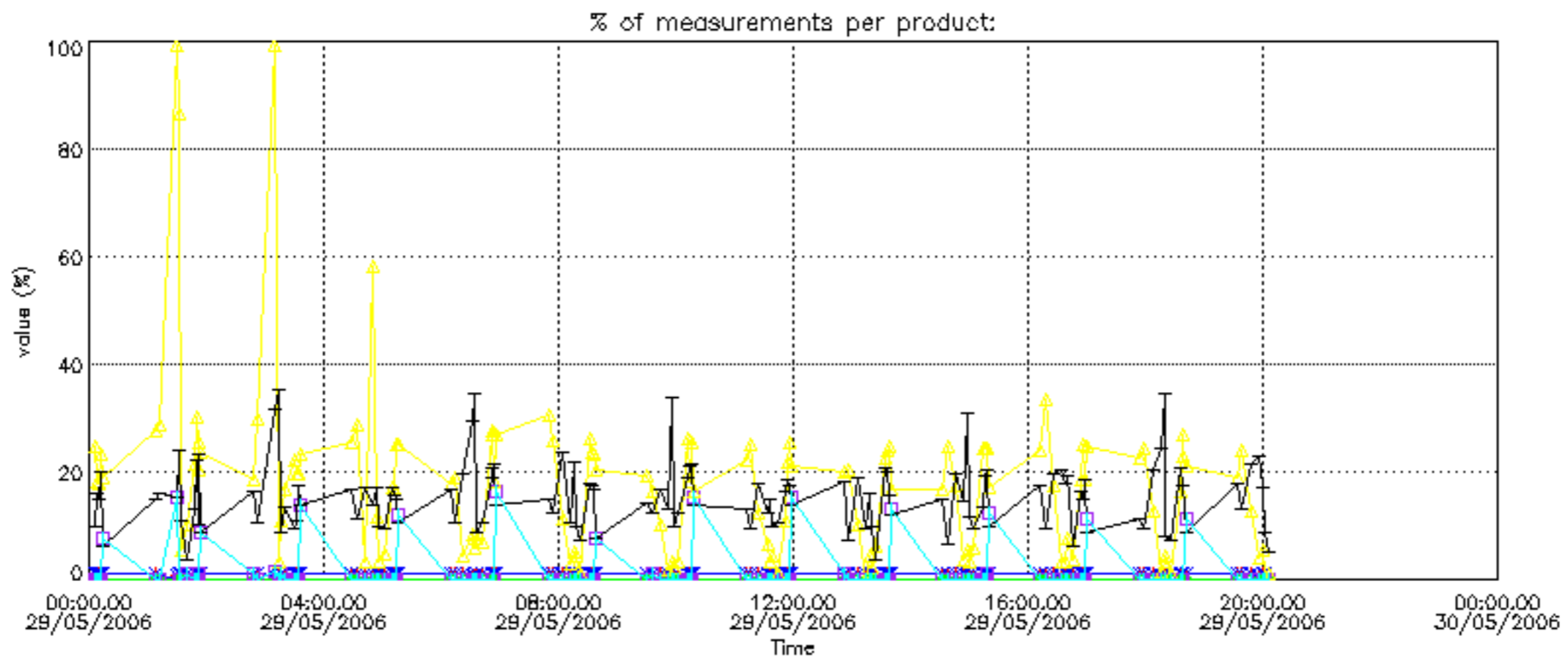
Percentage of flagged data per NO2 profile

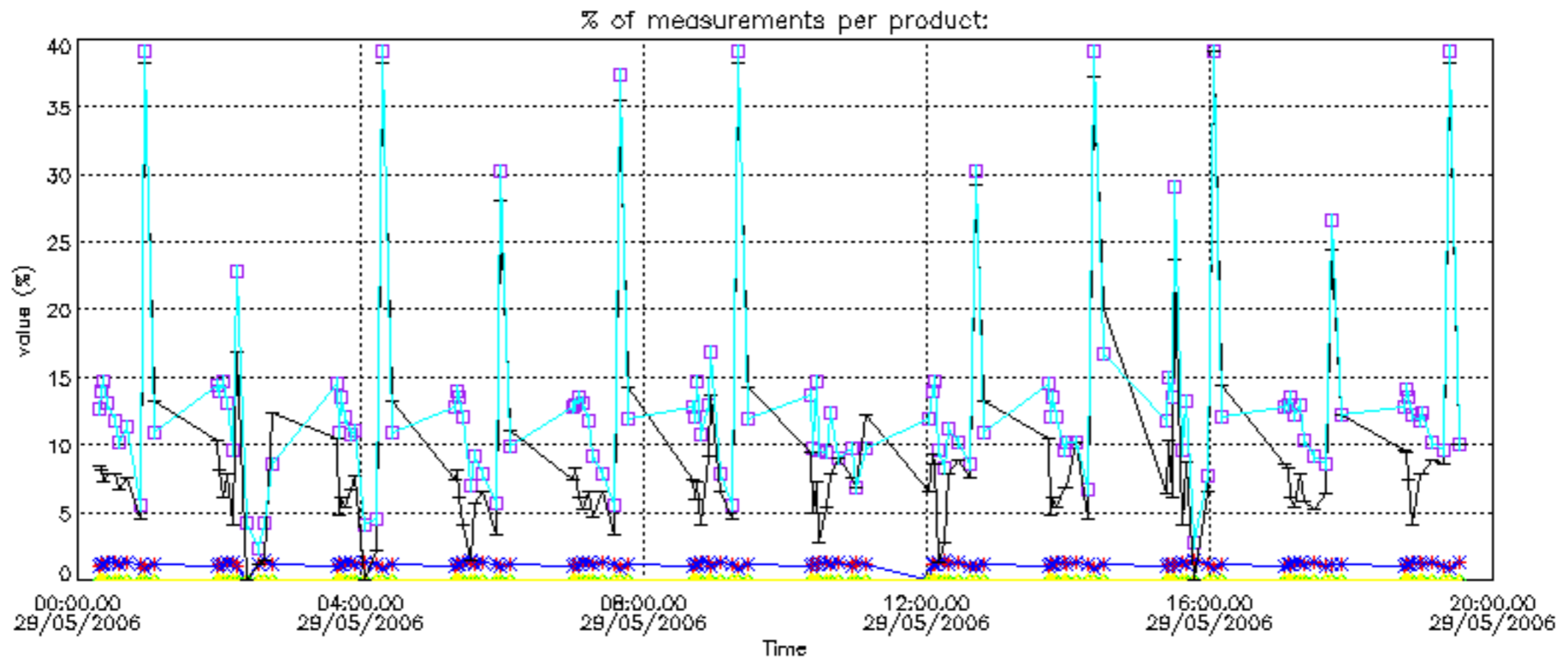


Percentage of flagged data per NO3 profile

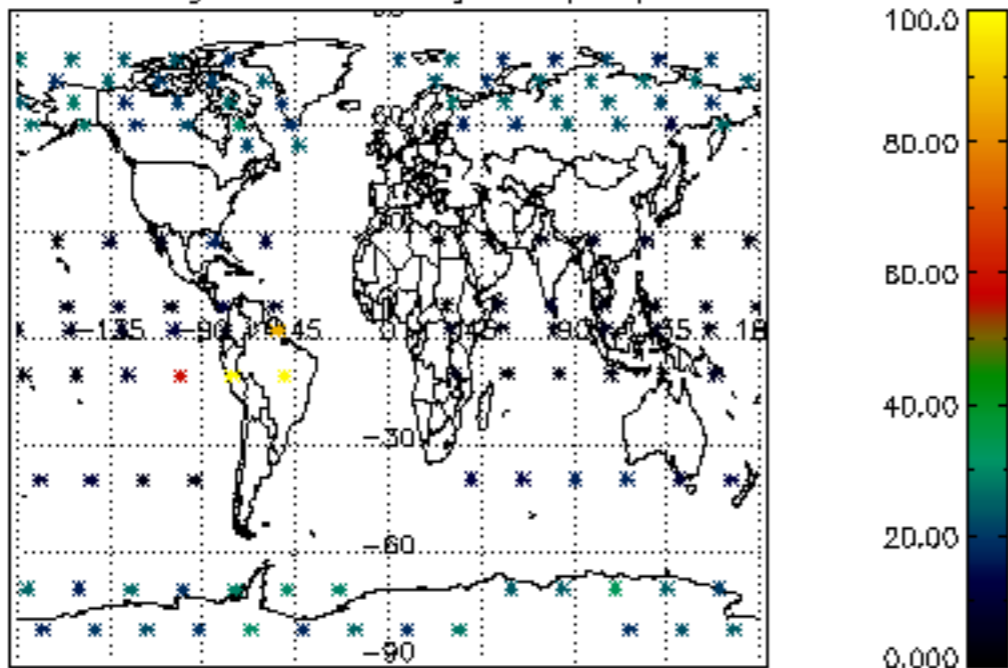




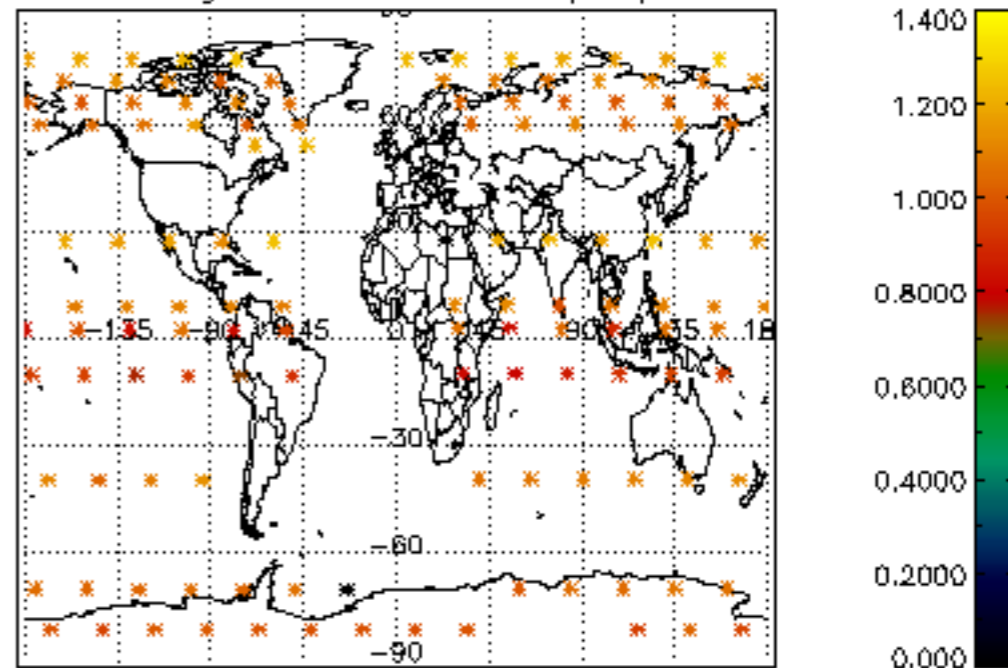




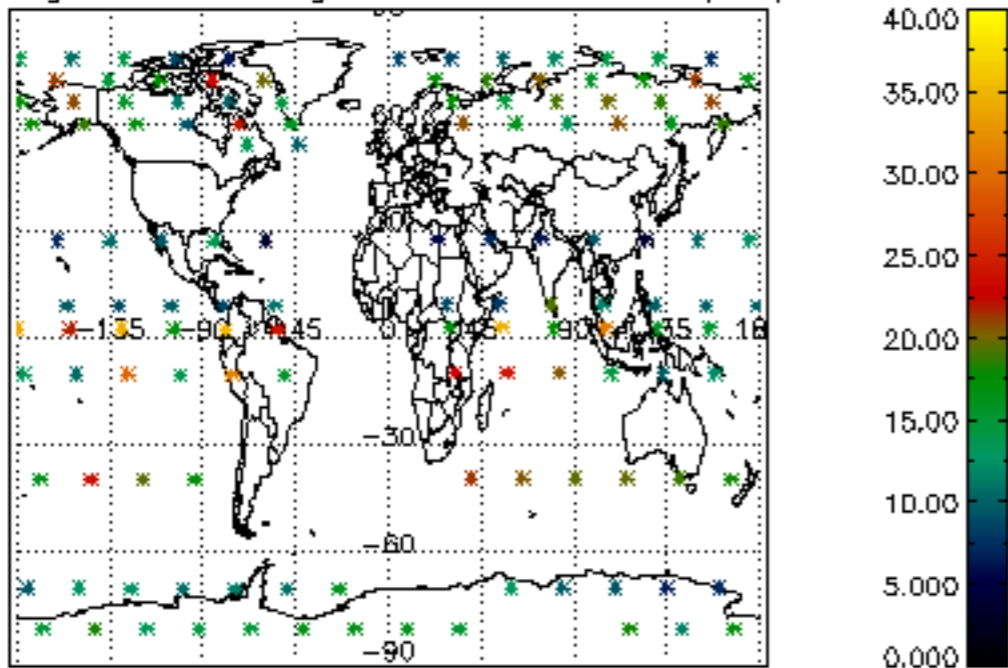
Percentage of cosmic ray hits per profile



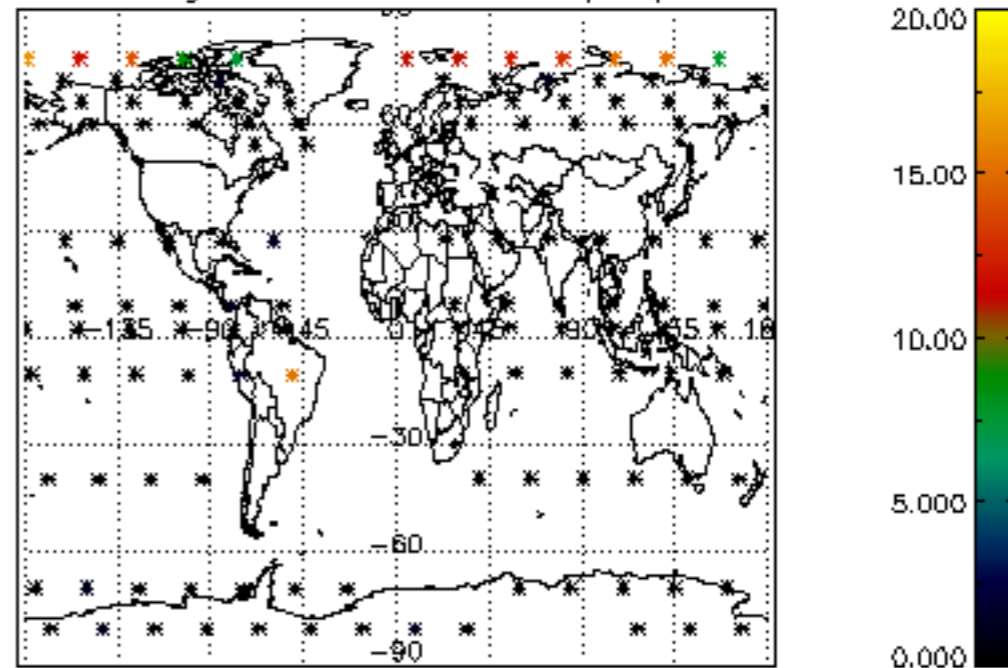
Percentage of datation errors per profile



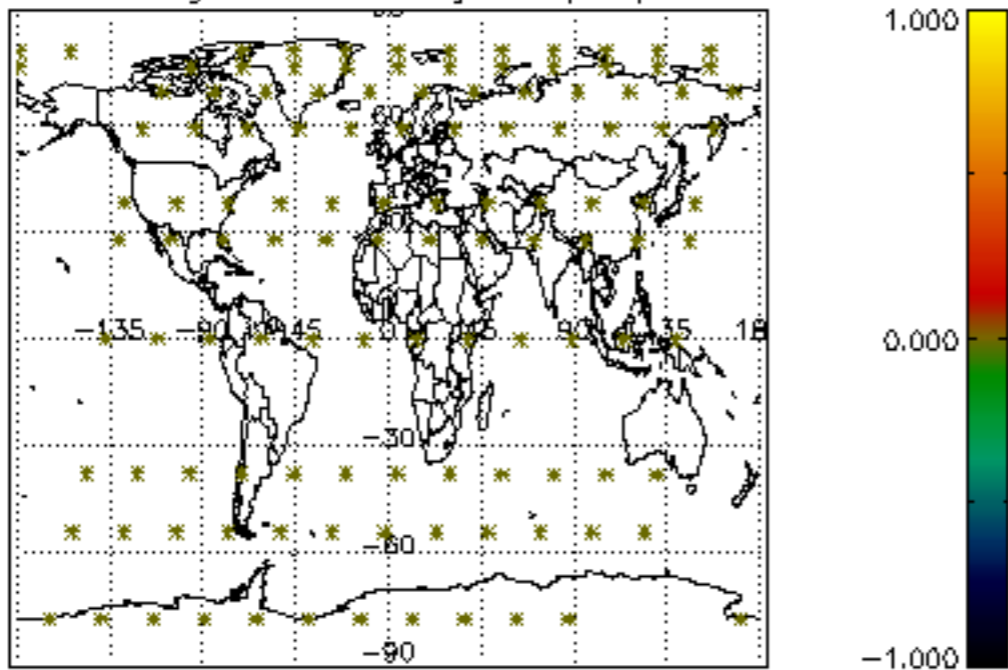
Percentage of star falling outside central band per profile



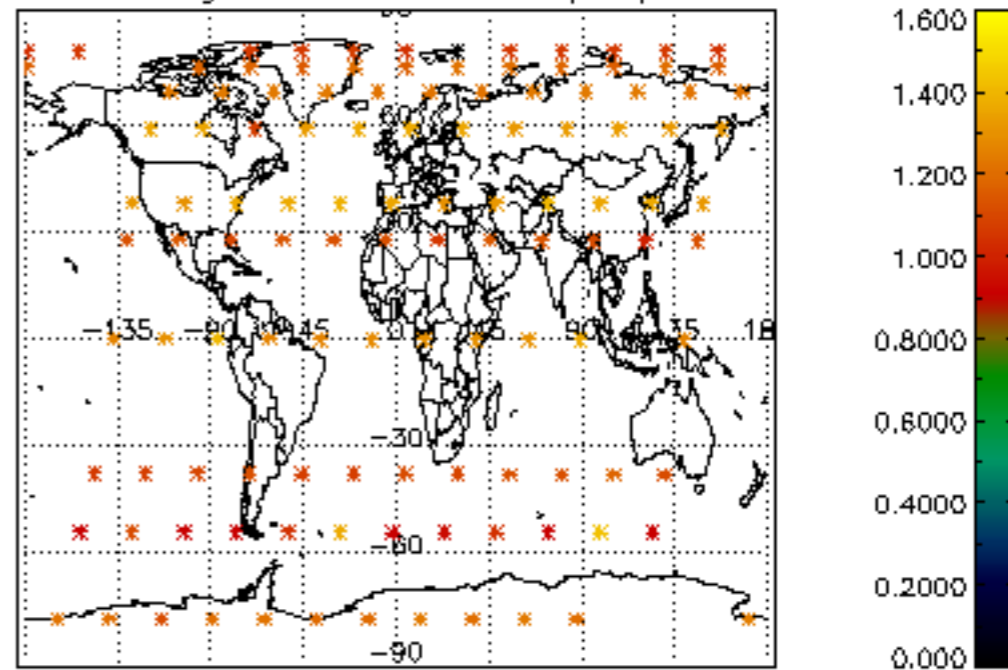
Percentage of saturation errors per profile



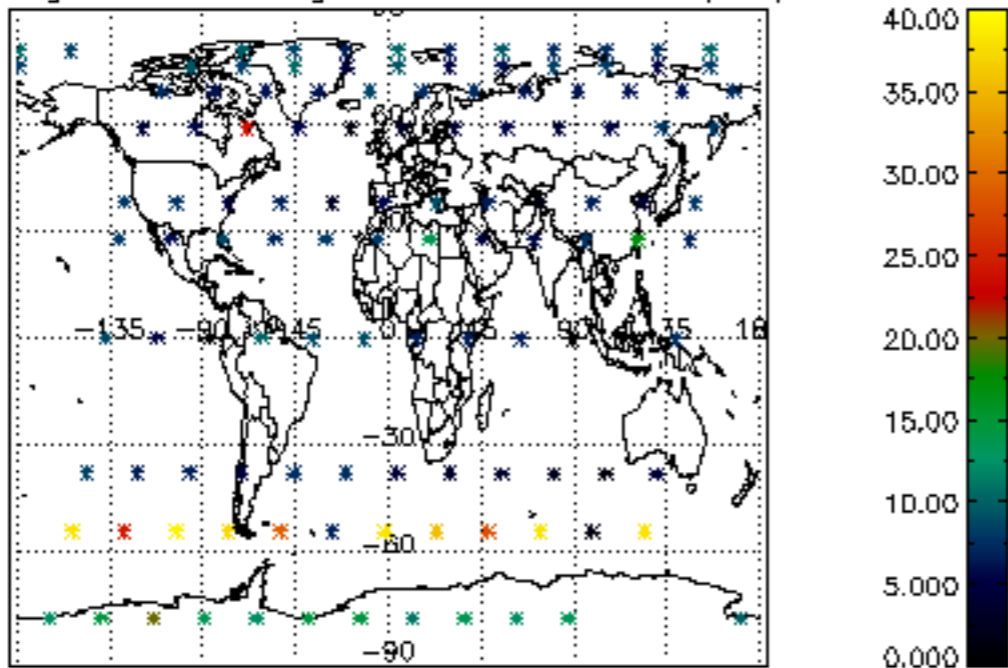
Percentage of cosmic ray hits per profile



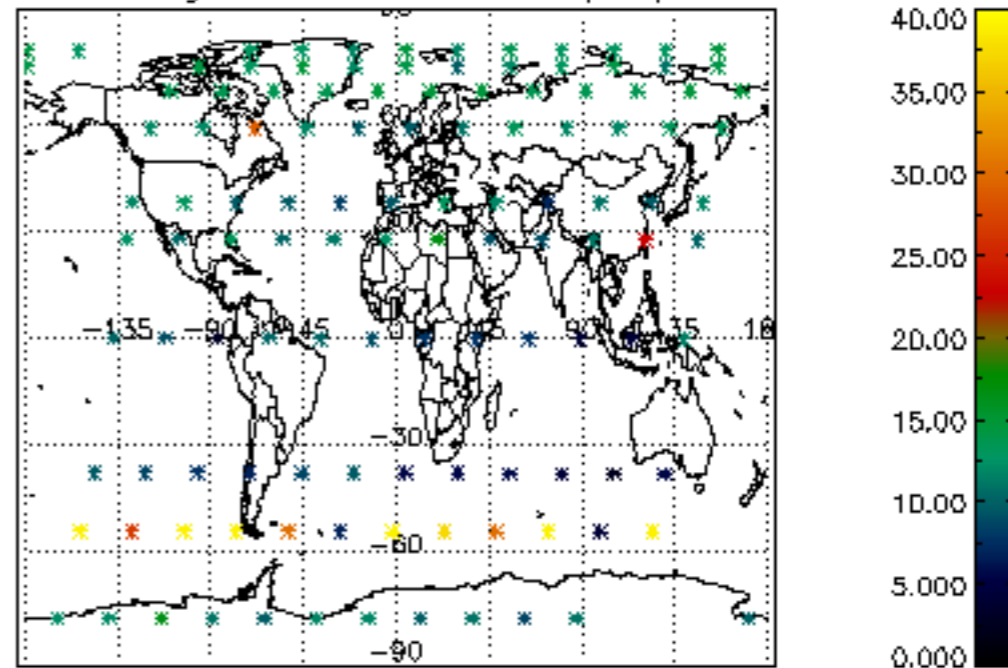
Percentage of datation errors per profile



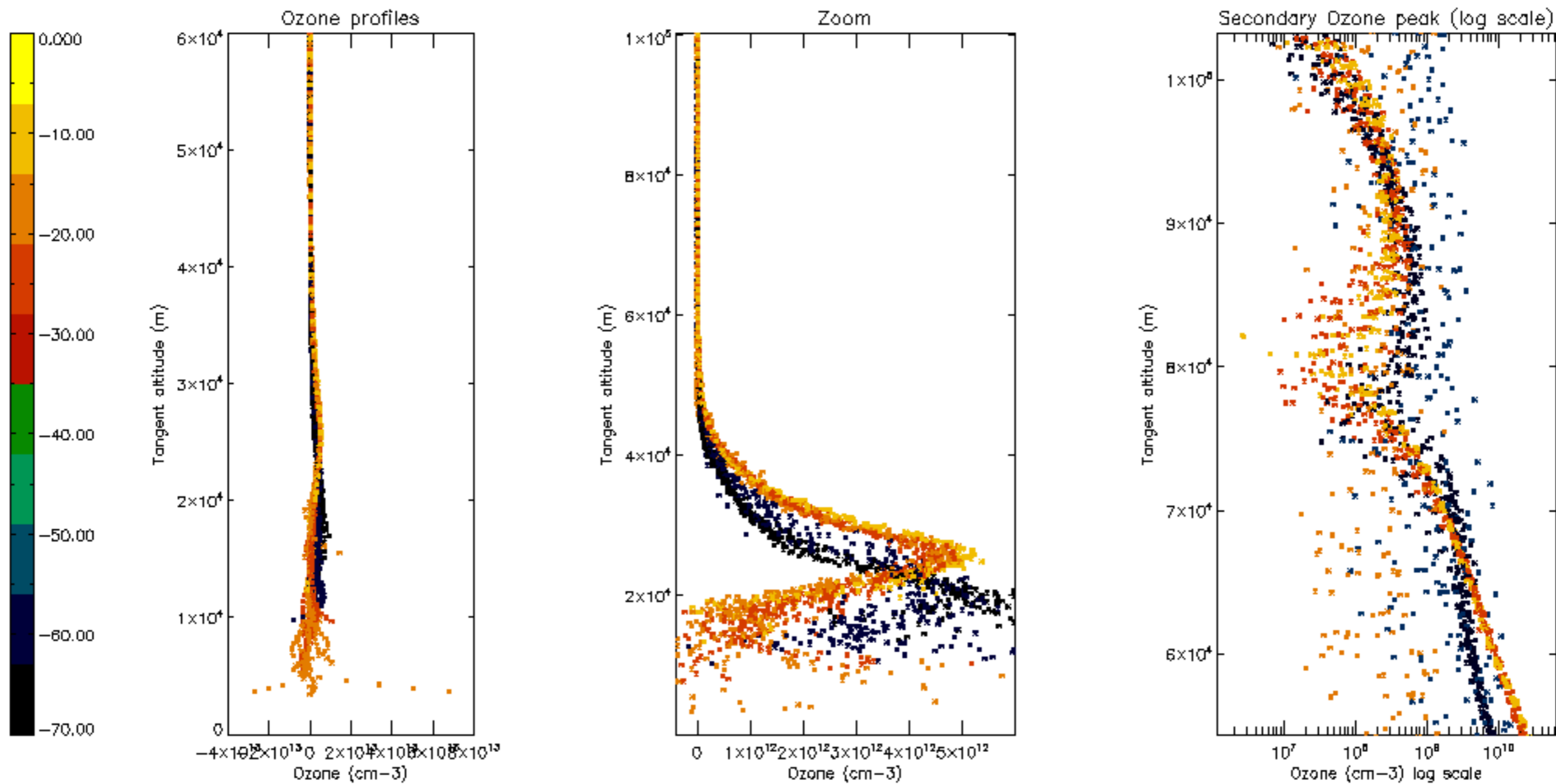
Percentage of star falling outside central band per profile

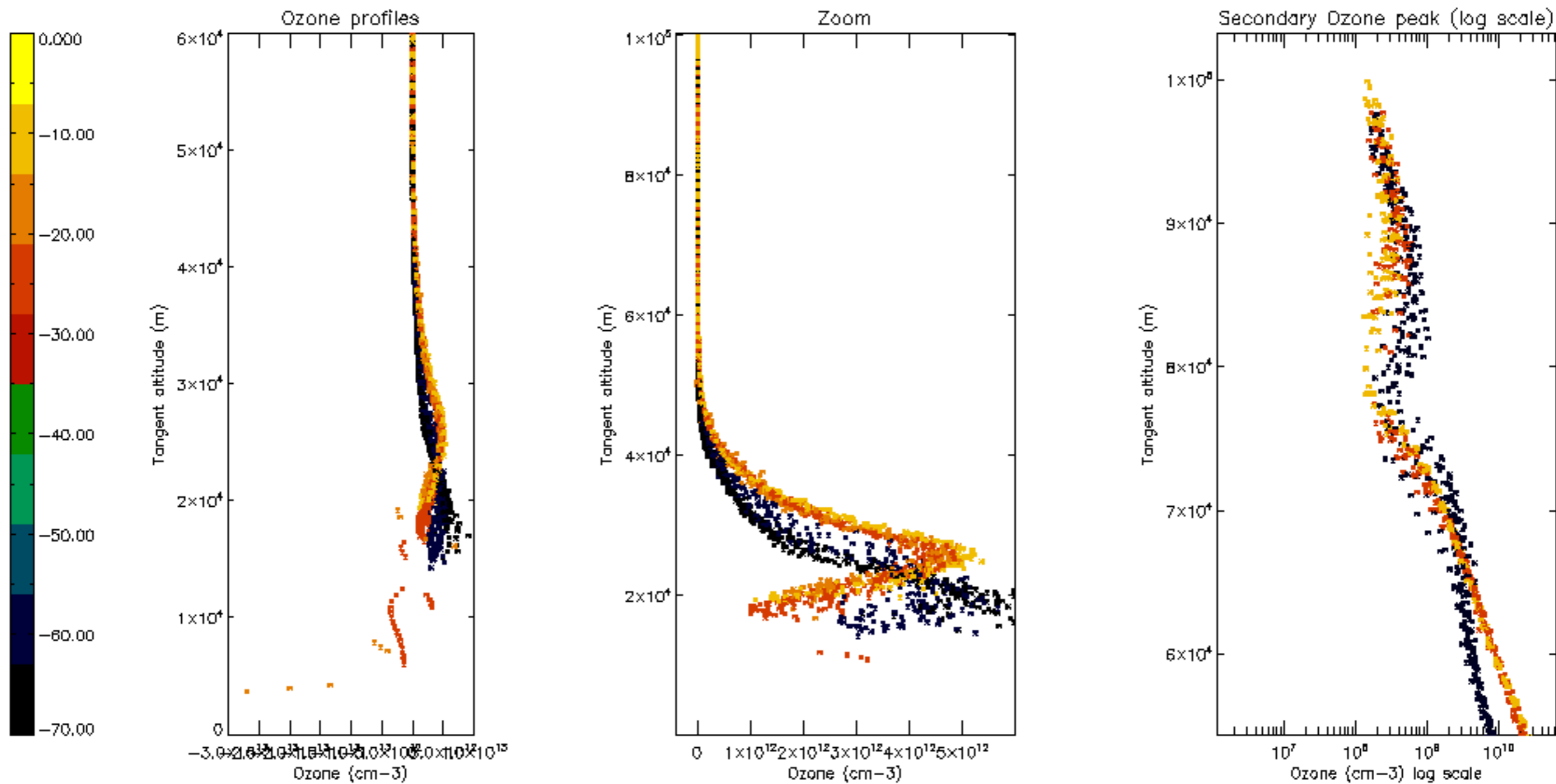


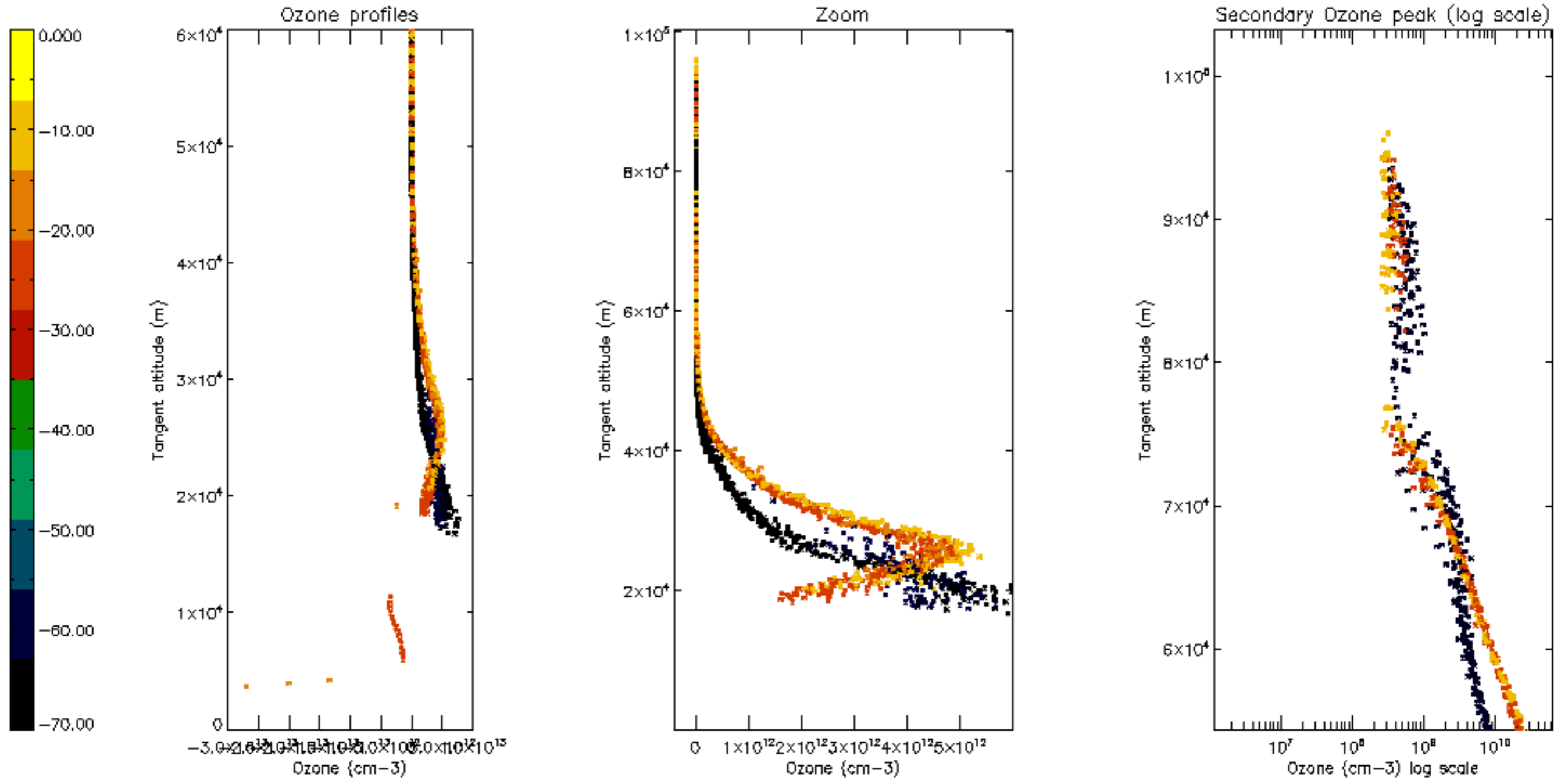
Percentage of saturation errors per profile

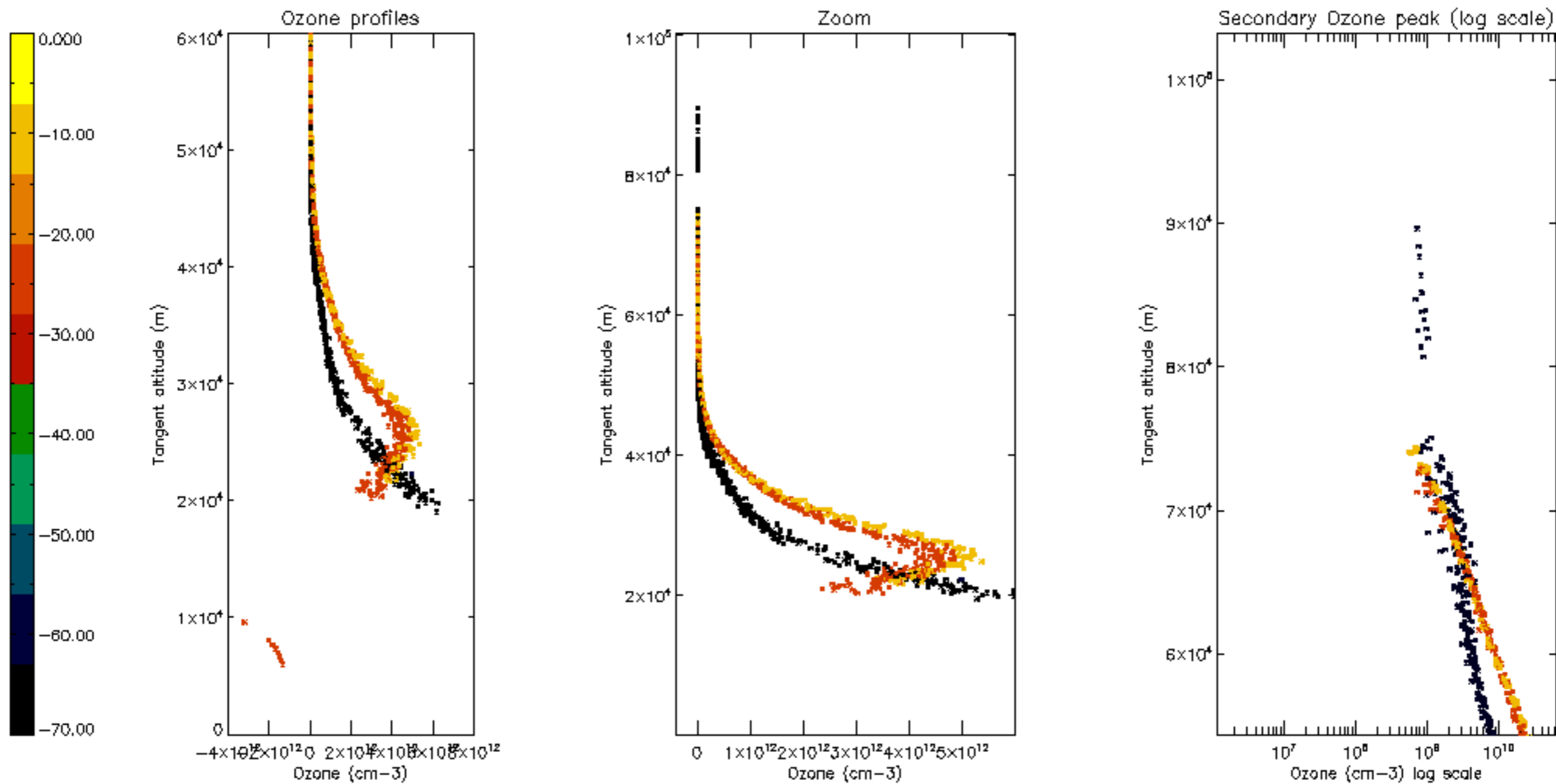




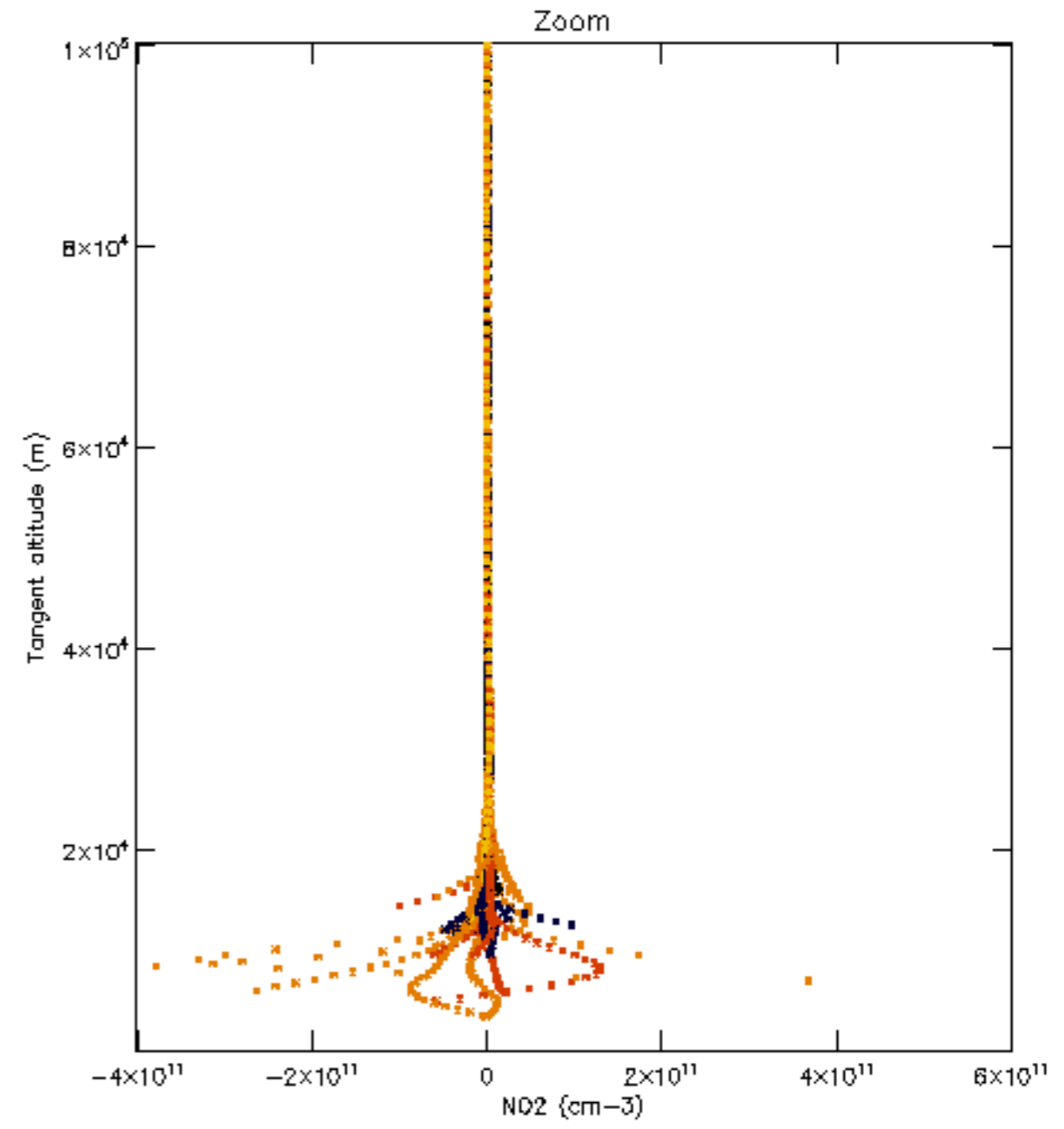
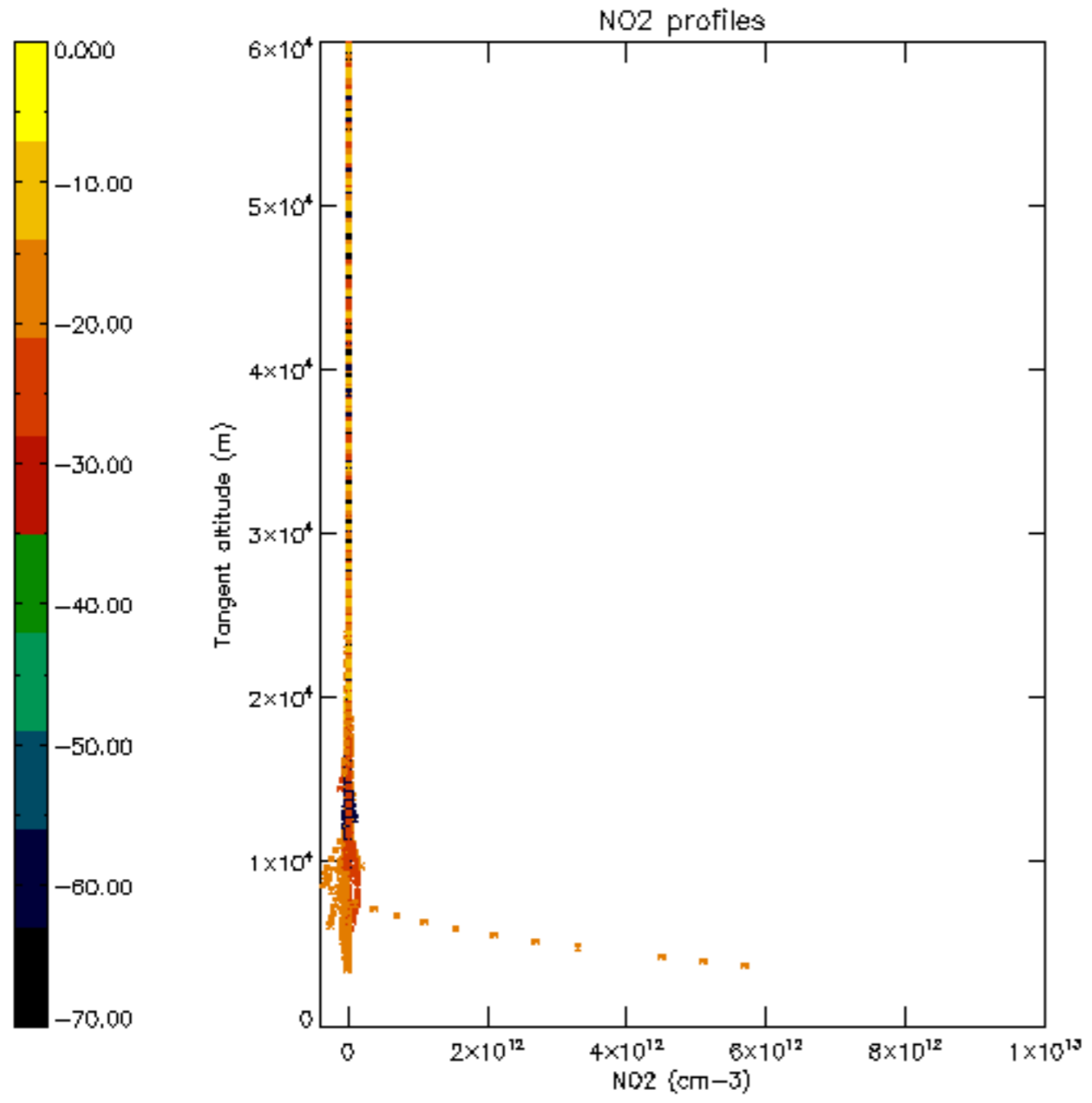


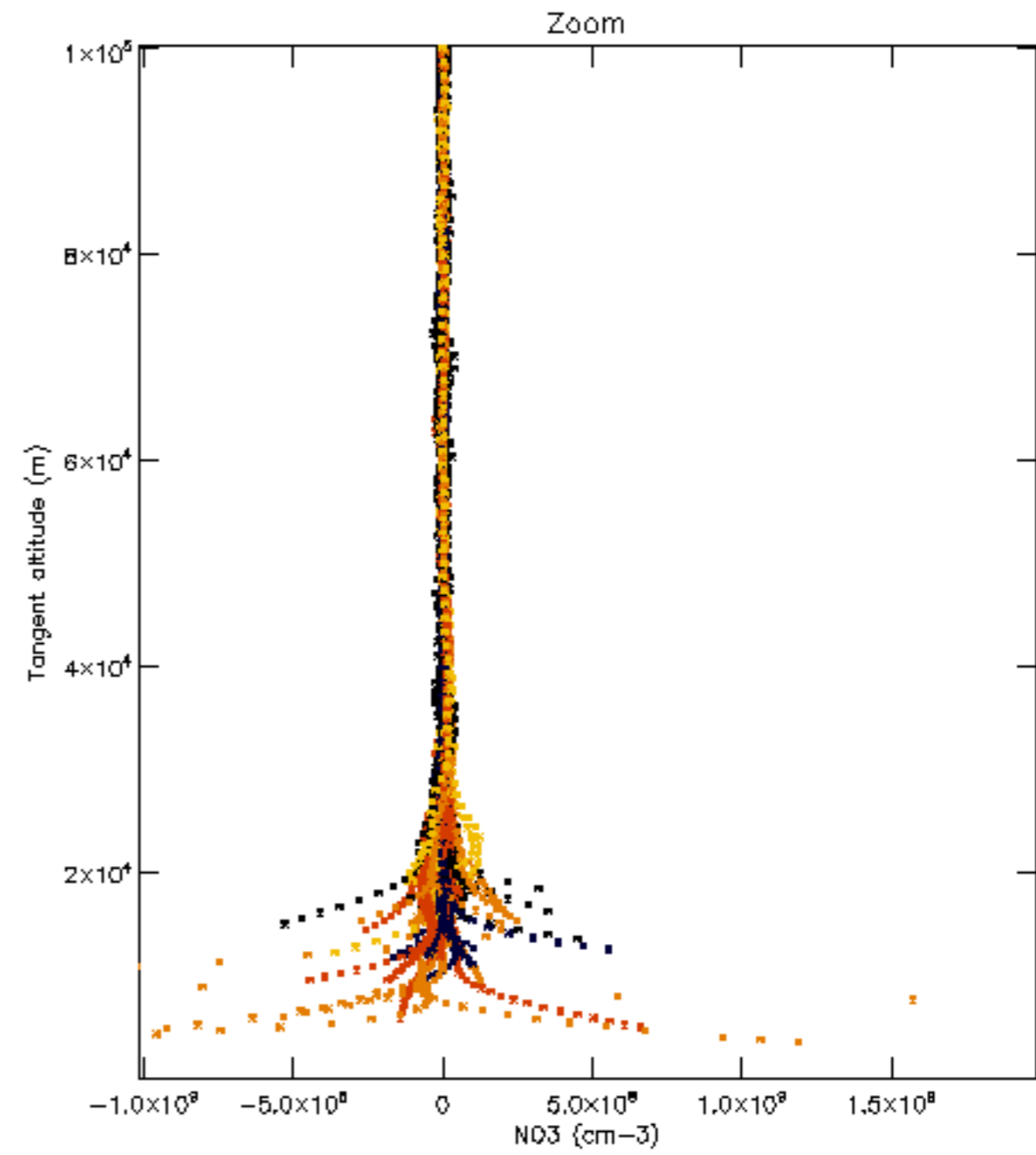
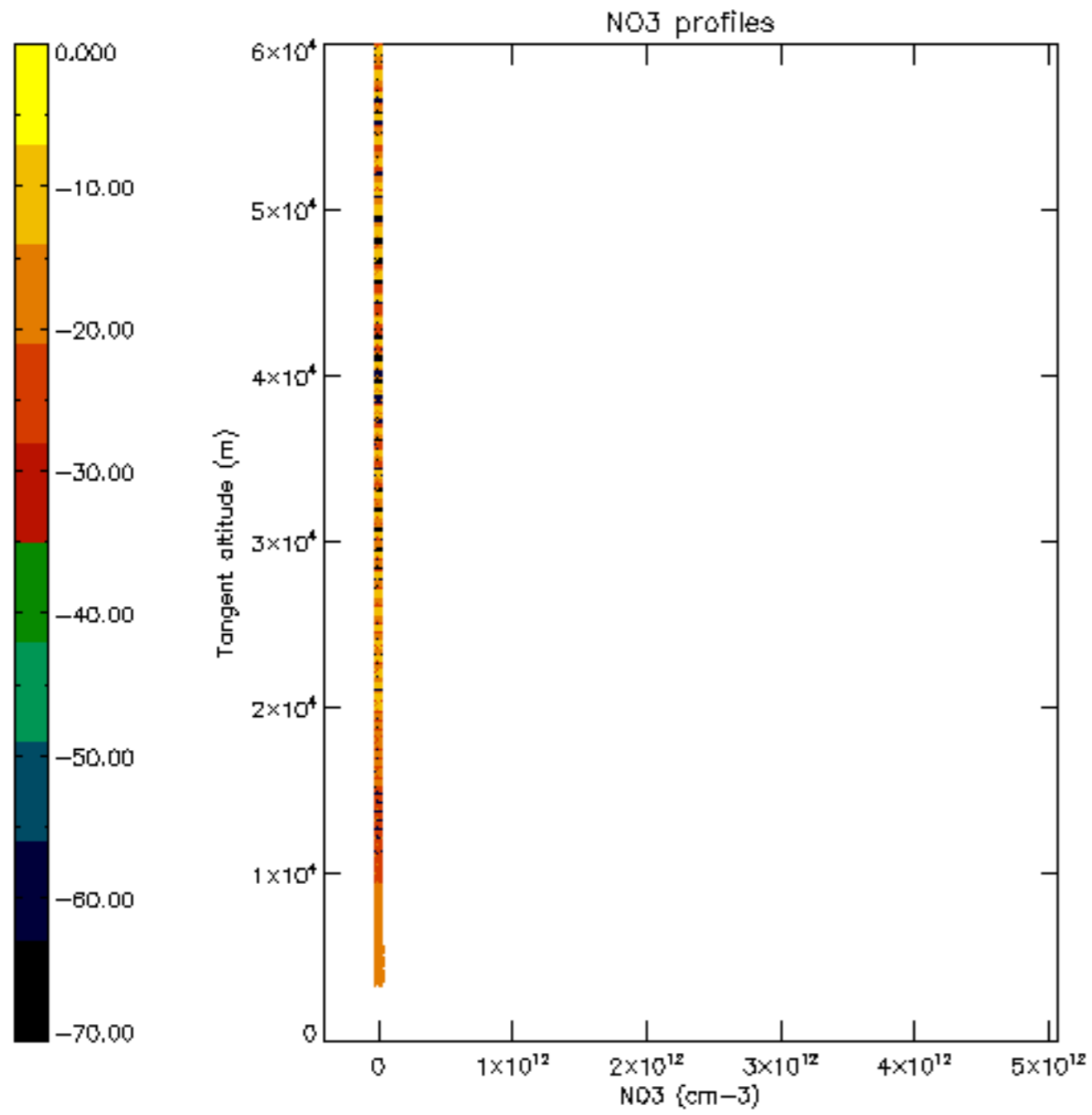


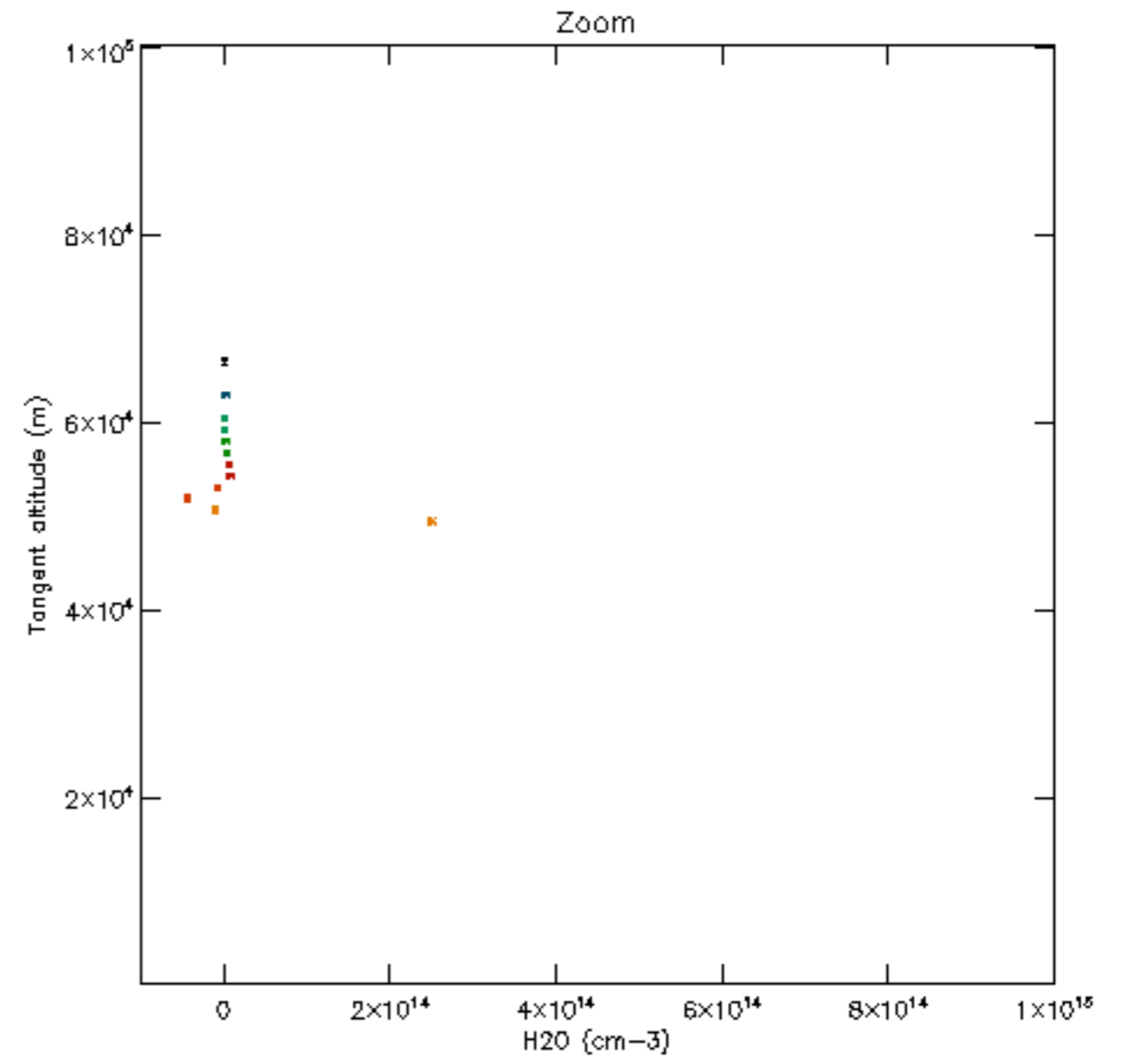
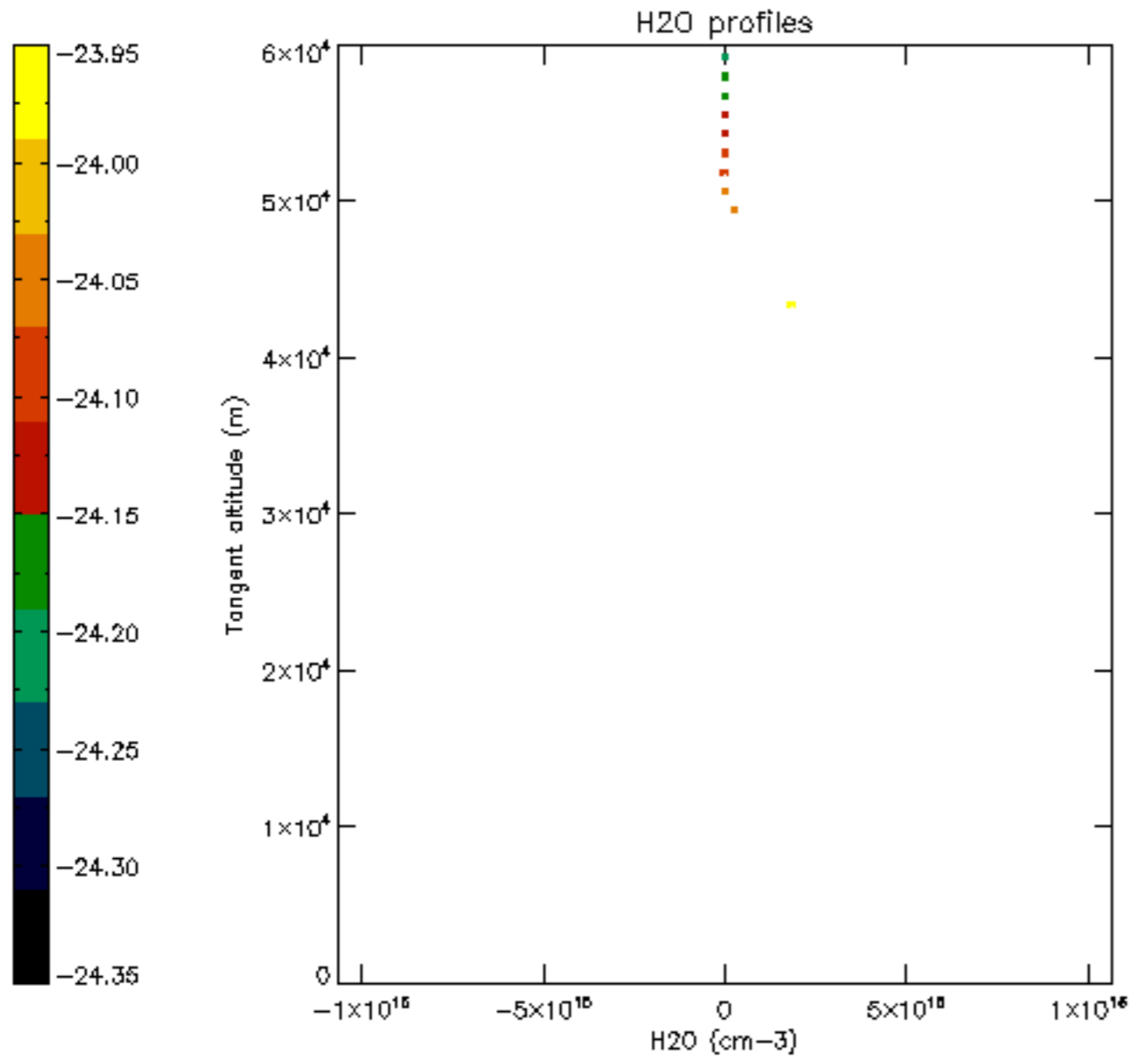


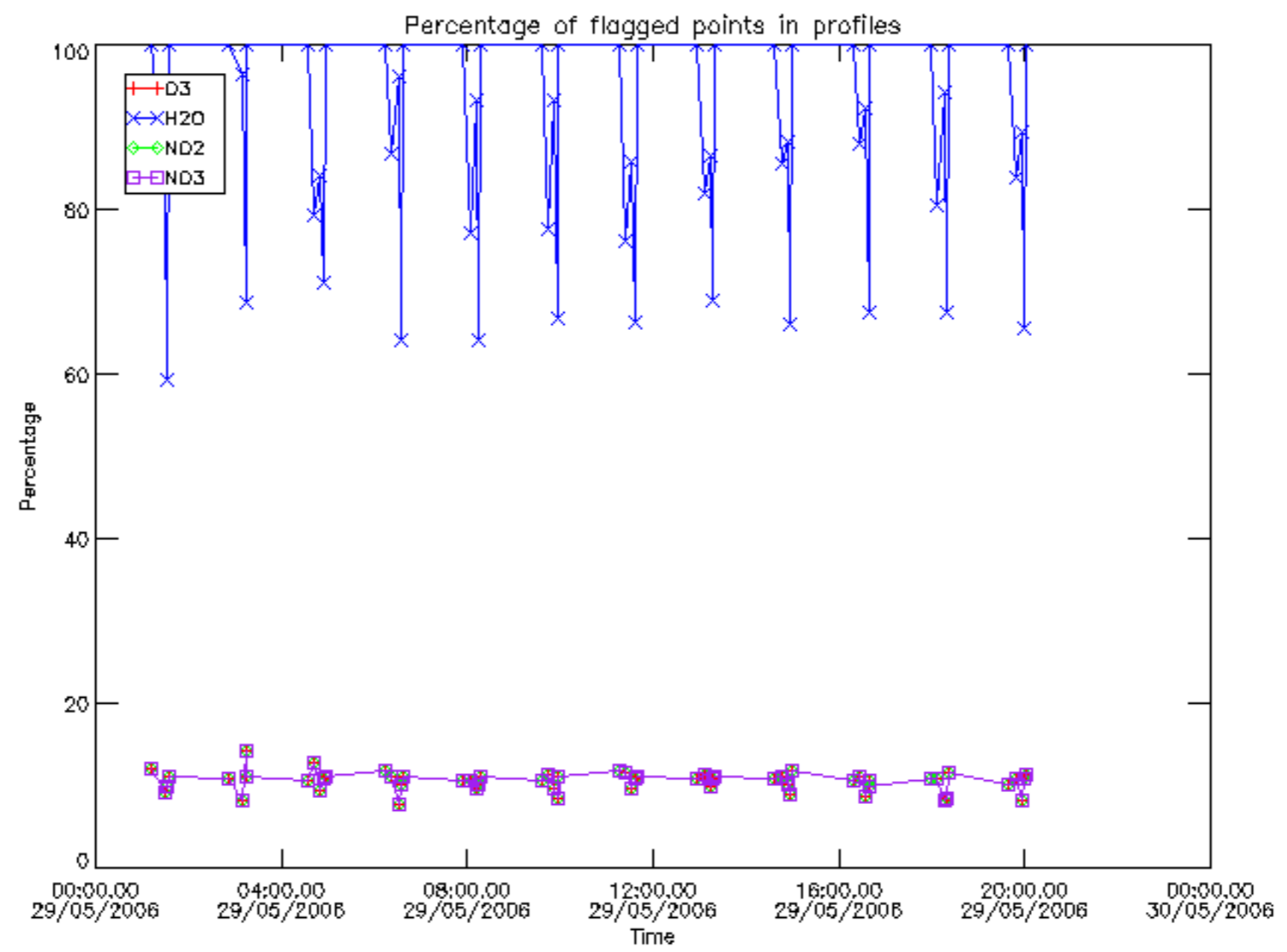






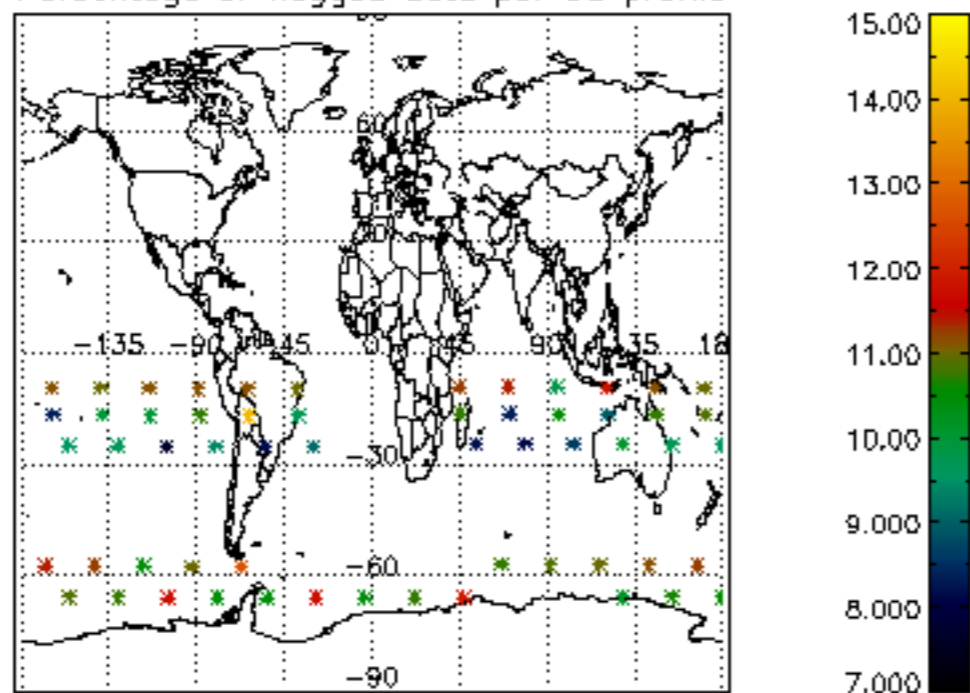




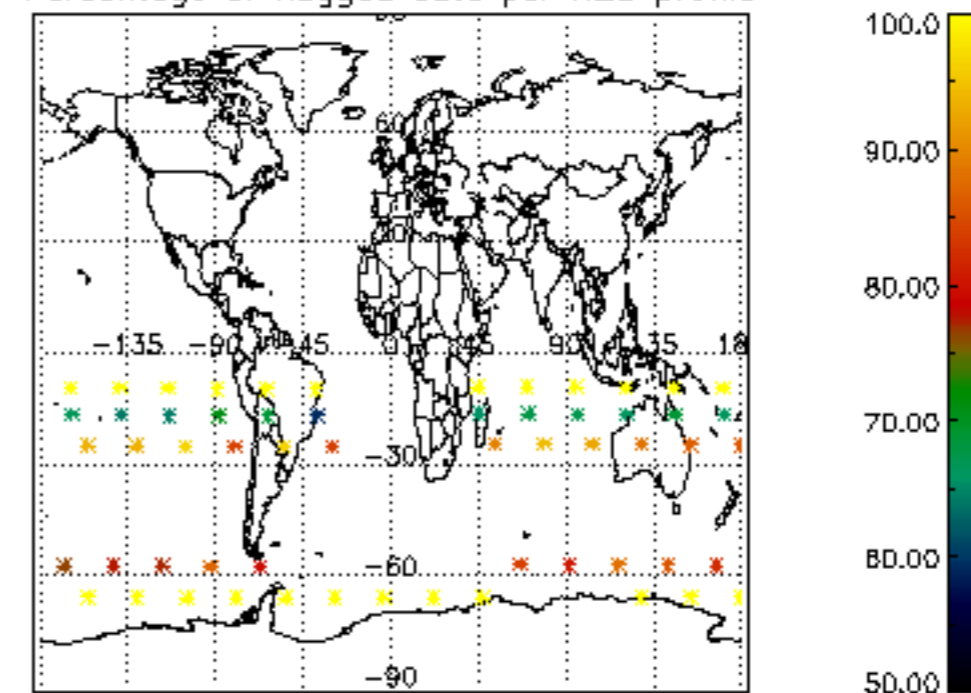




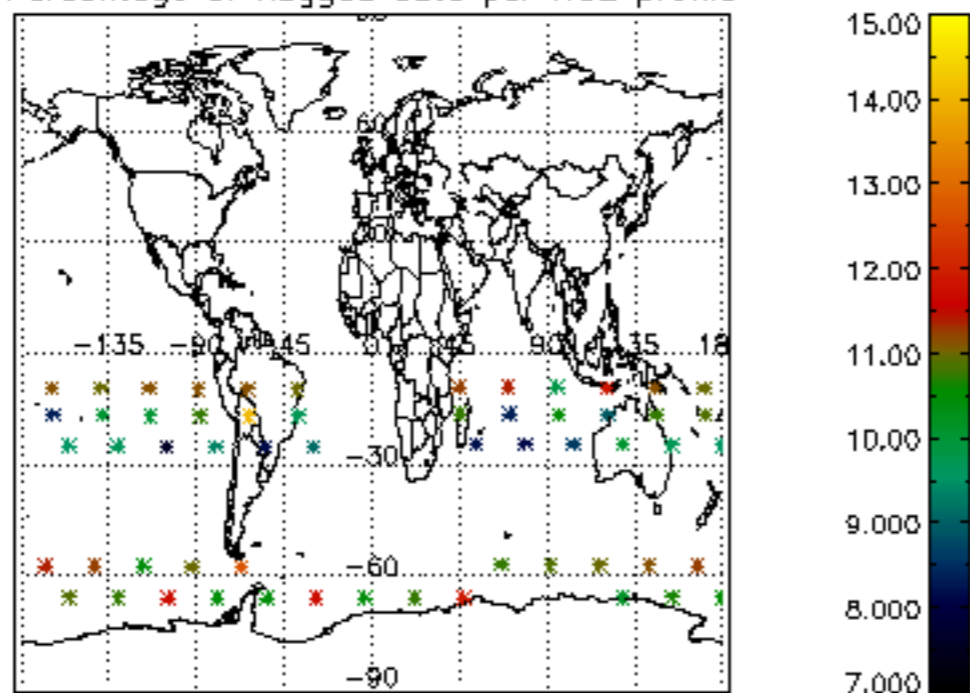
Percentage of flagged data per D3 profile



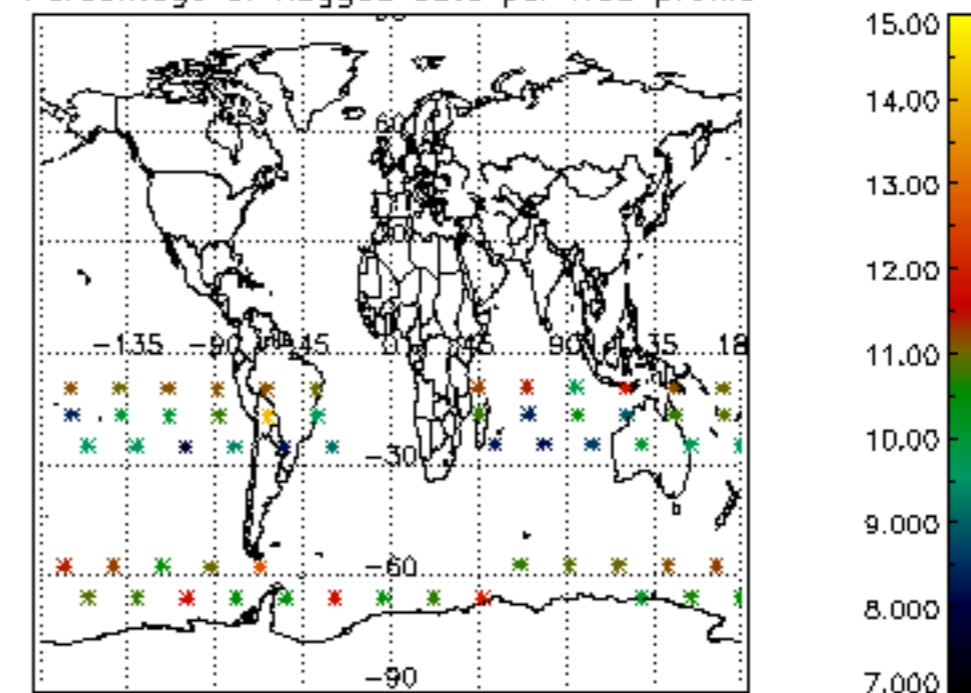
Percentage of flagged data per H2O profile

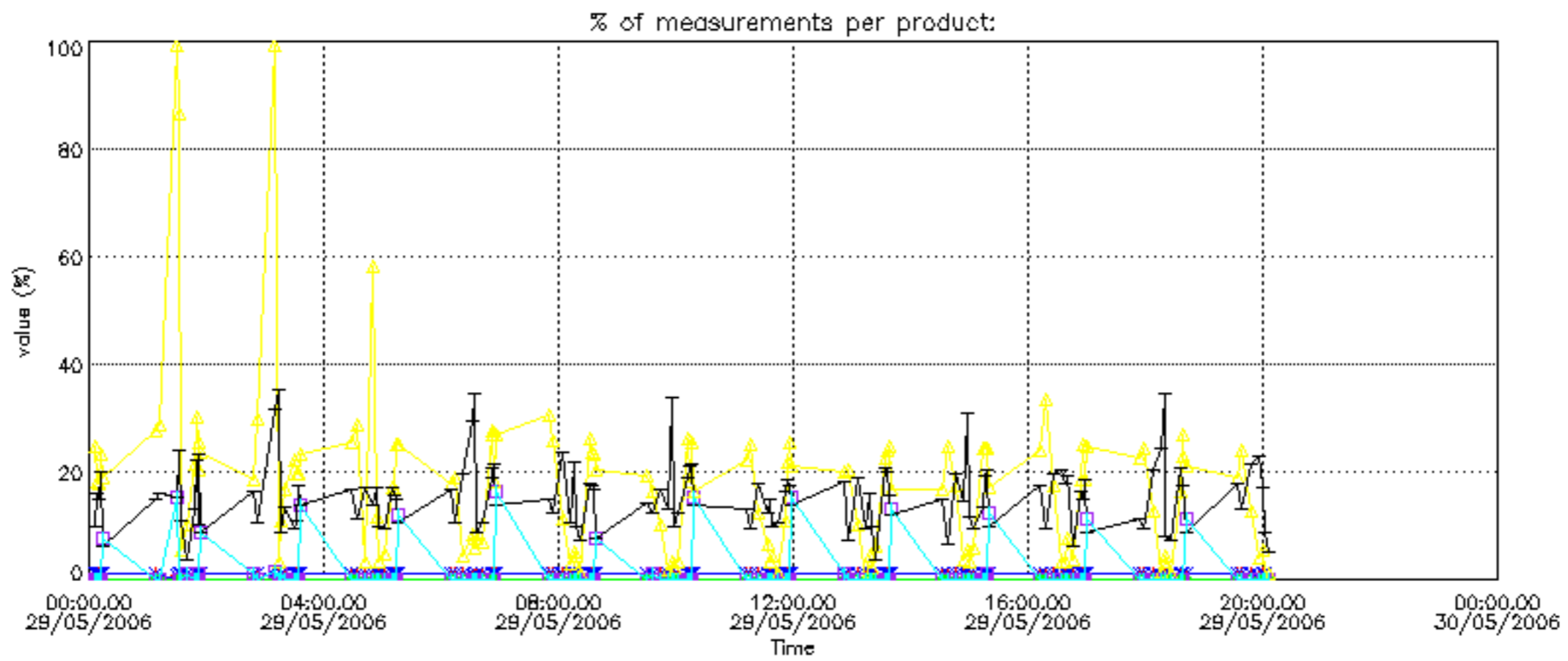


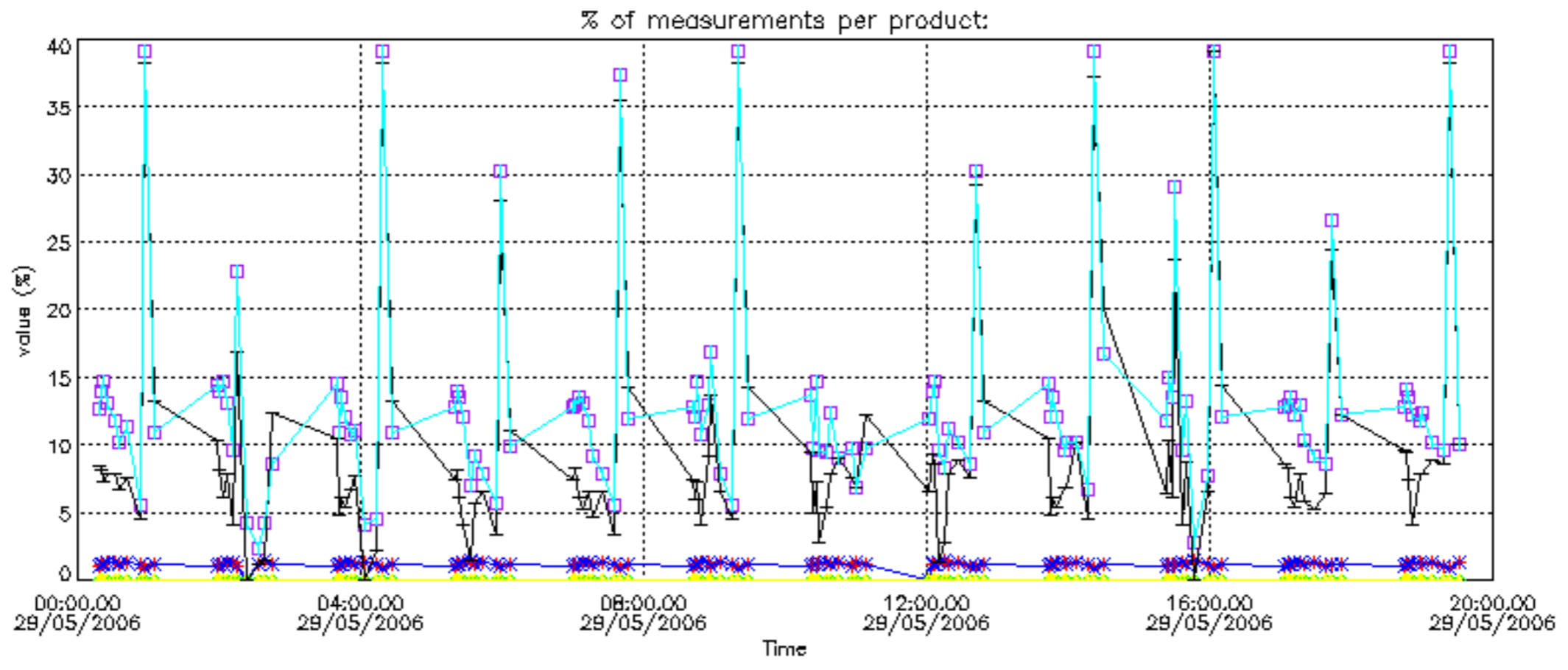
Percentage of flagged data per NO2 profile



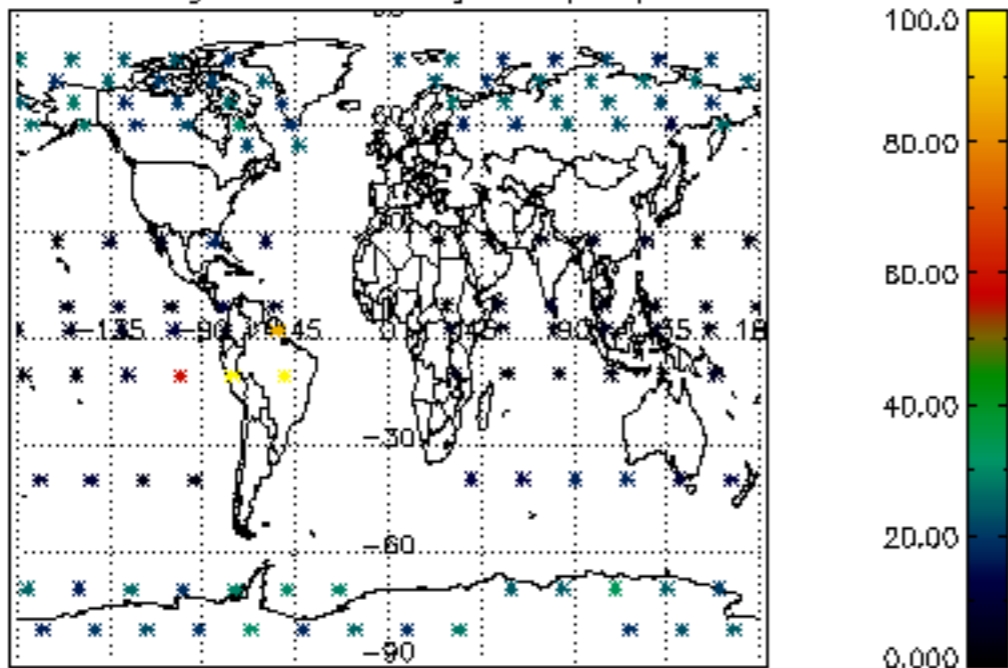
Percentage of flagged data per NO3 profile



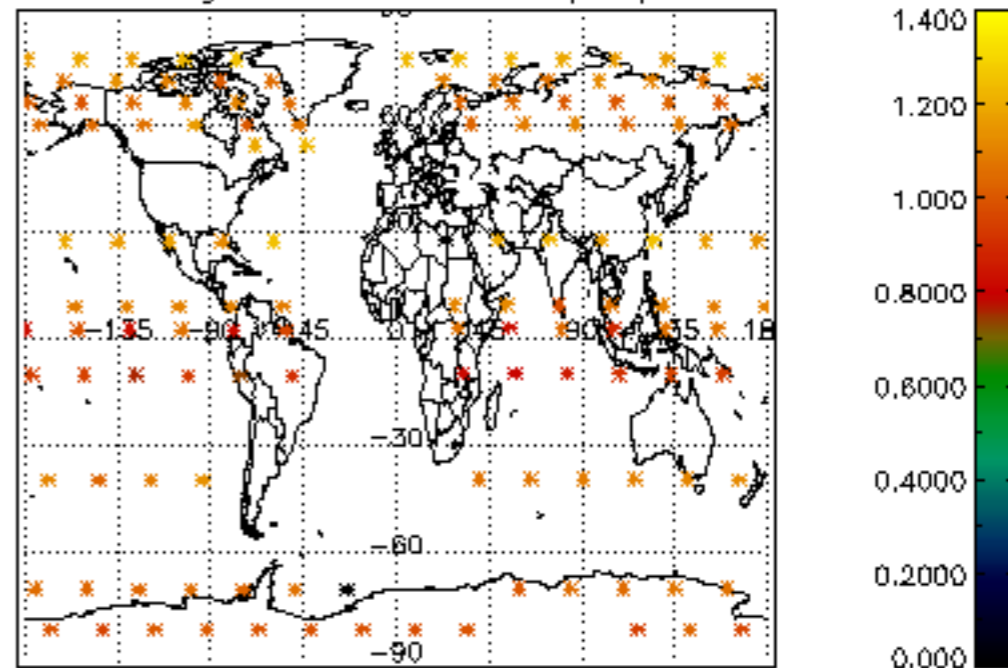




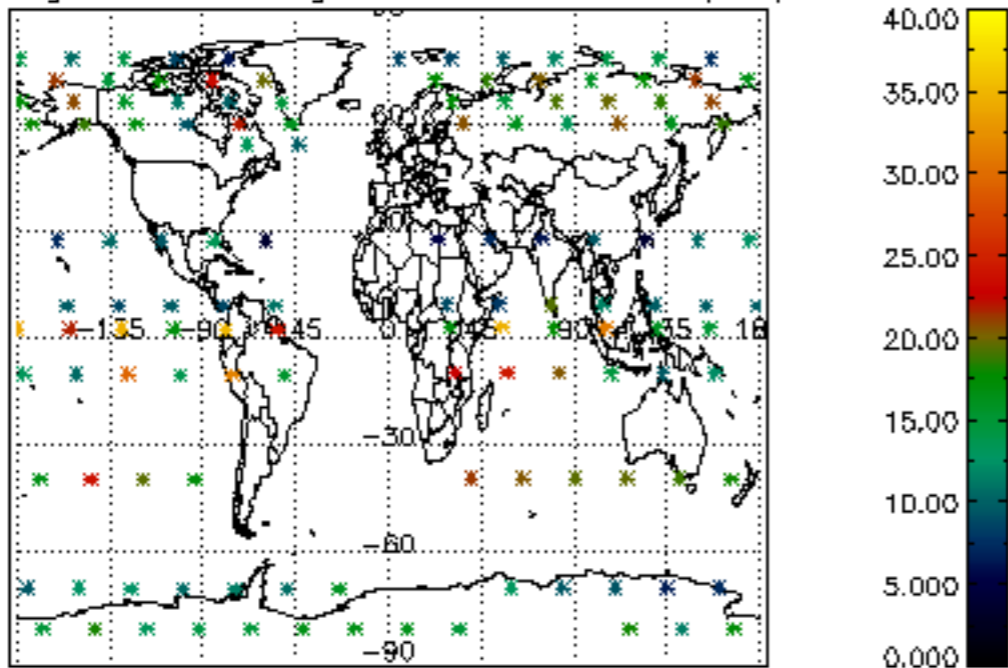
Percentage of cosmic ray hits per profile



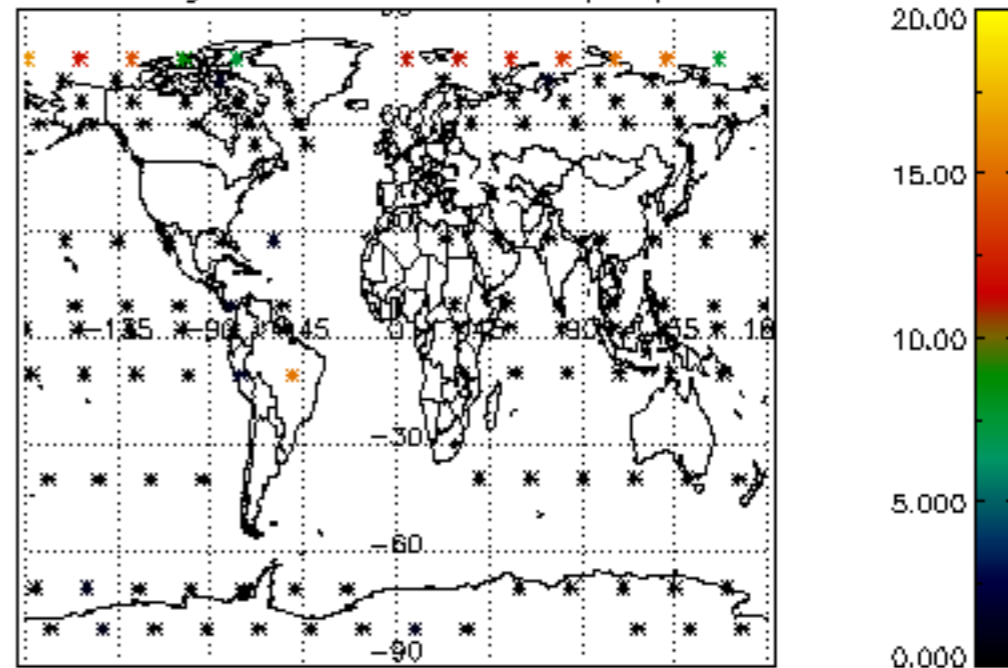
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

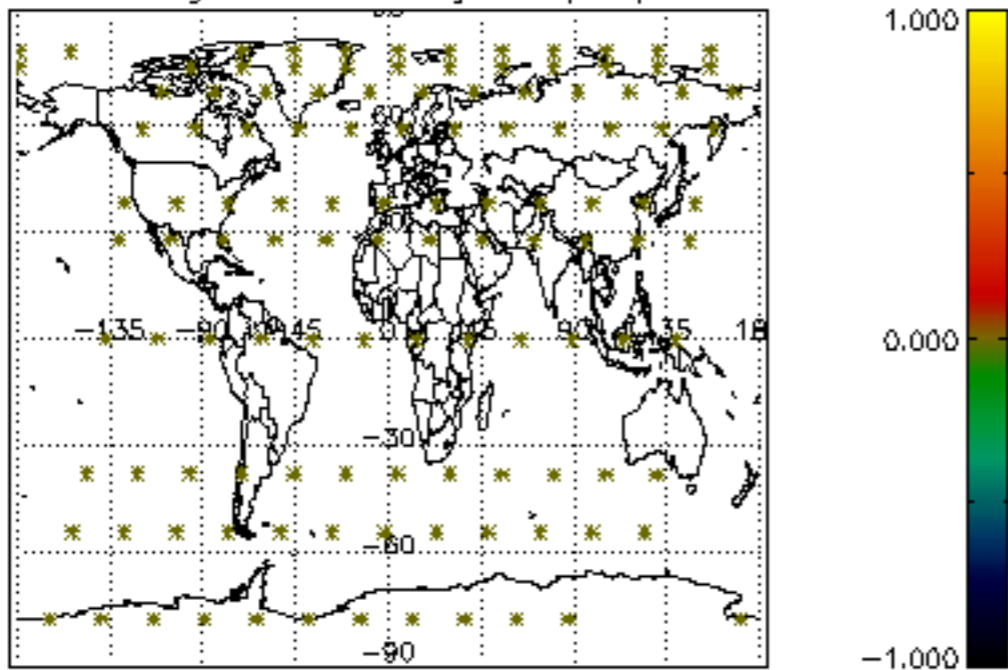


Percentage of saturation errors per profile

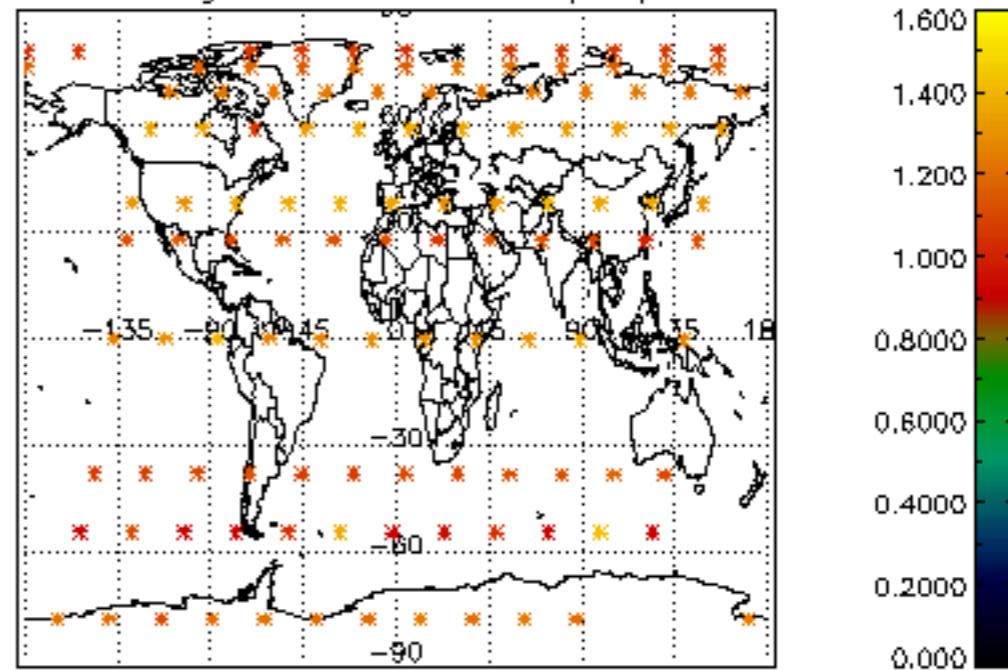




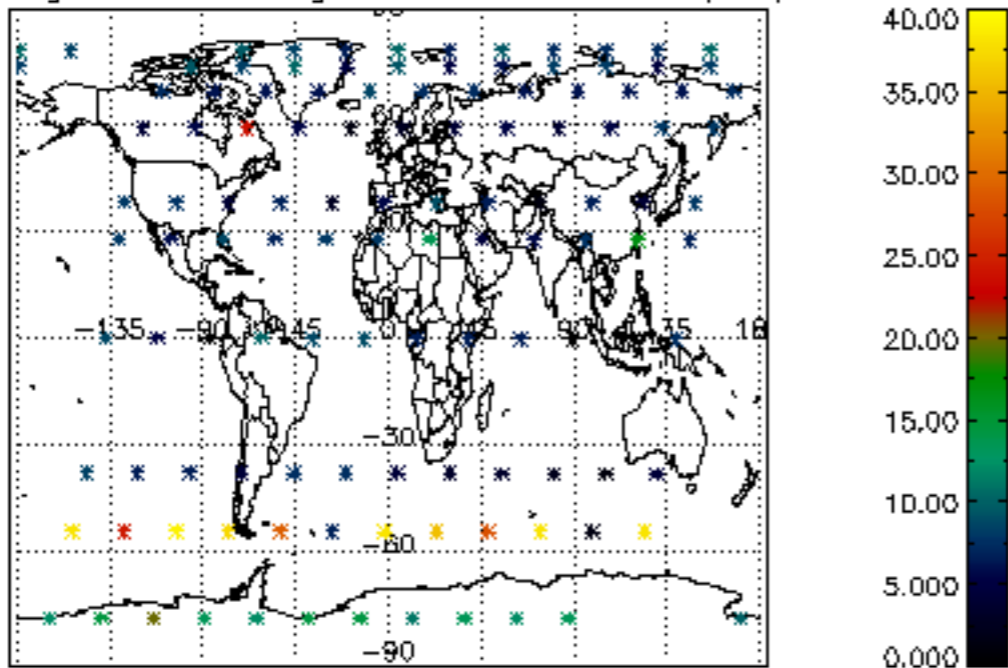
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

