

# 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	29APR2013 13:14:23
Data source version	GOMOS/6.01
Start time of products	20-07-2010 (20JUL2010 00:00:00)
Stop time of products	21-07-2010 (21JUL2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	295
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__2PRFIN20100720_000130_000000482091_00202_43843_4251.N1	20-JUL-2010 00:01:30	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	43843	No
2	GOM_NL__2PRFIN20100720_000651_000000432091_00202_43843_4252.N1	20-JUL-2010 00:06:51	Bright	42.500	160	23Gam Per	2.9300	4700.0	85	43843	No
3	GOM_NL__2PRFIN20100720_000816_000000452091_00202_43843_4253.N1	20-JUL-2010 00:08:16	Bright	45.000	35	33Alp Per	1.7950	6250.0	90	43843	No
4	GOM_NL__2PRFIN20100720_001116_000000512091_00202_43843_4254.N1	20-JUL-2010 00:11:16	Bright	50.500	79	26Bet Per	2.3100	13100.	101	43843	No
5	GOM_NL__2PRFIN20100720_001419_000000472091_00202_43843_4255.N1	20-JUL-2010 00:14:19	Twilight	46.500	150	44Zet Per	2.8900	28000.	93	43843	No
6	GOM_NL__2PRFIN20100720_001700_000000472091_00202_43843_4256.N1	20-JUL-2010 00:17:00	Twilight	46.500	146	25Eta Tau	2.8730	15200.	93	43843	No
7	GOM_NL__2PRFIN20100720_001834_000000512091_00202_43843_4257.N1	20-JUL-2010 00:18:34	Twilight	51.000	13	87Alp Tau	0.86700	3800.0	102	43843	No
8	GOM_NL__2PRFIN20100720_002528_000000642091_00202_43843_4258.N1	20-JUL-2010 00:25:28	Dark	64.000	94	92Alp Cet	2.5260	3100.0	128	43843	No
9	GOM_NL__2PRFIN20100720_002816_000000422091_00202_43843_4259.N1	20-JUL-2010 00:28:16	Dark	41.500	165	34Gam Eri	2.9500	3200.0	83	43843	No
10	GOM_NL__2PRFIN20100720_003724_000000442091_00202_43843_4260.N1	20-JUL-2010 00:37:24	Dark	43.500	157	The1Eri	2.9060	9300.0	87	43843	No
11	GOM_NL__2PRFIN20100720_004328_000000512091_00203_43844_4252.N1	20-JUL-2010 00:43:28	Dark	50.500	9	Alp Eri	0.45300	24000.	101	43844	No
12	GOM_NL__2PRFIN20100720_004654_000000592091_00203_43844_4253.N1	20-JUL-2010 00:46:54	Dark	59.000	84	Alp Phe	2.3970	4500.0	118	43844	No
13	GOM_NL__2PRFIN20100720_005053_000000412091_00203_43844_4254.N1	20-JUL-2010 00:50:53	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	43844	No
14	GOM_NL__2PRFIN20100720_005223_000000612091_00203_43844_4255.N1	20-JUL-2010 00:52:23	Straylight	60.500	63	Bet Gru	2.1500	2800.0	121	43844	No
15	GOM_NL__2PRFIN20100720_005353_000000552091_00203_43844_4256.N1	20-JUL-2010 00:53:53	Straylight	54.500	31	Alp Gru	1.7340	15200.	109	43844	No
16	GOM_NL__2PRFIN20100720_005706_000000502091_00203_43844_4257.N1	20-JUL-2010 00:57:06	Straylight	50.000	172	Gam Gru	3.0030	13100.	100	43844	No
17	GOM_NL__2PRFIN20100720_011608_000000382091_00203_43844_4258.N1	20-JUL-2010 01:16:08	Bright	38.000	168	17Zet Aql	2.9860	11000.	76	43844	No
18	GOM_NL__2PRFIN20100720_012312_000000372091_00203_43844_4259.N1	20-JUL-2010 01:23:12	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	43844	No
19	GOM_NL__2PRFIN20100720_012608_000000402091_00203_43844_4260.N1	20-JUL-2010 01:26:08	Bright	39.500	144	18Del Cyg	2.8600	11000.	79	43844	No
20	GOM_NL__2PRFIN20100720_012811_000000502091_00203_43844_4261.N1	20-JUL-2010 01:28:11	Bright	49.500	19	50Alp Cyg	1.2460	10500.	99	43844	No
21	GOM_NL__2PRFIN20100720_013315_000000392091_00203_43844_4262.N1	20-JUL-2010 01:33:15	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	43844	No
22	GOM_NL__2PRFIN20100720_014205_000000482091_00203_43844_4263.N1	20-JUL-2010 01:42:05	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	43844	No
23	GOM_NL__2PRFIN20100720_014727_000000442091_00203_43844_4264.N1	20-JUL-2010 01:47:27	Bright	44.000	160	23Gam Per	2.9300	4700.0	88	43844	No
24	GOM_NL__2PRFIN20100720_014852_000000442091_00203_43844_4265.N1	20-JUL-2010 01:48:52	Bright	44.000	35	33Alp Per	1.7950	6250.0	88	43844	No
25	GOM_NL__2PRFIN20100720_015152_000000522091_00203_43844_4266.N1	20-JUL-2010 01:51:52	Bright	52.000	79	26Bet Per	2.3100	13100.	104	43844	No
26	GOM_NL__2PRFIN20100720_015455_000000472091_00203_43844_4267.N1	20-JUL-2010 01:54:55	Twilight	46.500	150	44Zet Per	2.8900	28000.	93	43844	No
27	GOM_NL__2PRFIN20100720_015736_000000452091_00203_43844_4268.N1	20-JUL-2010 01:57:36	Twilight	44.500	146	25Eta Tau	2.8730	15200.	89	43844	No
28	GOM_NL__2PRFIN20100720_015911_000000392091_00203_43844_4269.N1	20-JUL-2010 01:59:11	Twilight	38.500	13	87Alp Tau	0.86700	3800.0	77	43844	No
29	GOM_NL__2PRFIN20100720_020605_000000562091_00203_43844_4270.N1	20-JUL-2010 02:06:05	Dark	56.000	94	92Alp Cet	2.5260	3100.0	112	43844	No
30	GOM_NL__2PRFIN20100720_020853_000000422091_00203_43844_4271.N1	20-JUL-2010 02:08:53	Dark	42.000	165	34Gam Eri	2.9500	3200.0	84	43844	No
31	GOM_NL__2PRFIN20100720_022405_000000442091_00204_43845_4262.N1	20-JUL-2010 02:24:05	Dark	44.000	9	Alp Eri	0.45300	24000.	88	43845	No
32	GOM_NL__2PRFIN20100720_022732_000000592091_00204_43845_4263.N1	20-JUL-2010 02:27:32	Dark	59.000	84	Alp Phe	2.3970	4500.0	118	43845	No
33	GOM_NL__2PRFIN20100720_023129_000000412091_00204_43845_4264.N1	20-JUL-2010 02:31:29	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	43845	No
34	GOM_NL__2PRFIN20100720_023300_000000662091_00204_43845_4265.N1	20-JUL-2010 02:33:00	Straylight	66.000	63	Bet Gru	2.1500	2800.0	132	43845	No
35	GOM_NL__2PRFIN20100720_023430_000000472091_00204_43845_4266.N1	20-JUL-2010 02:34:30	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	43845	No
36	GOM_NL__2PRFIN20100720_023743_000000512091_00204_43845_4267.N1	20-JUL-2010 02:37:43	Straylight	51.000	172	Gam Gru	3.0030	13100.	102	43845	No
37	GOM_NL__2PRFIN20100720_025644_000000402091_00204_43845_4268.N1	20-JUL-2010 02:56:44	Bright	40.000	168	17Zet Aql	2.9860	11000.	80	43845	No
38	GOM_NL__2PRFIN20100720_030348_000000412091_00204_43845_4269.N1	20-JUL-2010 03:03:48	Bright	40.500	5	3Alp Lyr	0.033000	11000.	81	43845	No
39	GOM_NL__2PRFIN20100720_030644_000000392091_00204_43845_4270.N1	20-JUL-2010 03:06:44	Bright	39.000	144	18Del Cyg	2.8600	11000.	78	43845	No
40	GOM_NL__2PRFIN20100720_030846_000000472091_00204_43845_4271.N1	20-JUL-2010 03:08:46	Bright	46.500	19	50Alp Cyg	1.2460	10500.	93	43845	No
41	GOM_NL__2PRFIN20100720_031350_000000422091_00204_43845_4272.N1	20-JUL-2010 03:13:50	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	43845	No
42	GOM_NL__2PRFIN20100720_032241_000000472091_00204_43845_4273.N1	20-JUL-2010 03:22:41	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	43845	No

43	GOM_NL__2PRFIN20100720_032802_000000452091_00204_43845_4274.N1	20-JUL-2010 03:28:02	Bright	45.000	160	23Gam Per	2.9300	4700.0	90	43845	No
44	GOM_NL__2PRFIN20100720_032928_000000442091_00204_43845_4275.N1	20-JUL-2010 03:29:28	Bright	44.000	35	33Alp Per	1.7950	6250.0	88	43845	No
45	GOM_NL__2PRFIN20100720_033228_000000522091_00204_43845_4276.N1	20-JUL-2010 03:32:28	Bright	52.000	79	26Bet Per	2.3100	13100.	104	43845	No
46	GOM_NL__2PRFIN20100720_033531_000000472091_00204_43845_4277.N1	20-JUL-2010 03:35:31	Twi_and_stray	47.000	150	44Zet Per	2.8900	28000.	94	43845	No
47	GOM_NL__2PRFIN20100720_033812_000000442091_00204_43845_4278.N1	20-JUL-2010 03:38:12	Twilight	44.000	146	25Eta Tau	2.8730	15200.	88	43845	No
48	GOM_NL__2PRFIN20100720_033947_000000422091_00204_43845_4279.N1	20-JUL-2010 03:39:47	Twilight	42.000	13	87Alp Tau	0.86700	3800.0	84	43845	No
49	GOM_NL__2PRFIN20100720_034642_000000562091_00204_43845_4280.N1	20-JUL-2010 03:46:42	Dark	56.000	94	92Alp Cet	2.5260	3100.0	112	43845	No
50	GOM_NL__2PRFIN20100720_034929_000000492091_00204_43845_4281.N1	20-JUL-2010 03:49:29	Dark	48.500	165	34Gam Eri	2.9500	3200.0	97	43845	No
51	GOM_NL__2PRFIN20100720_035837_000000442091_00204_43845_4282.N1	20-JUL-2010 03:58:37	Dark	43.500	157	The1Eri	2.9060	9300.0	87	43845	No
52	GOM_NL__2PRFIN20100720_040441_000000512091_00205_43846_4292.N1	20-JUL-2010 04:04:41	Dark	51.000	9	Alp Eri	0.45300	24000.	102	43846	No
53	GOM_NL__2PRFIN20100720_040809_000000562091_00205_43846_4293.N1	20-JUL-2010 04:08:09	Dark	56.000	84	Alp Phe	2.3970	4500.0	112	43846	No
54	GOM_NL__2PRFIN20100720_041206_000000432091_00205_43846_4294.N1	20-JUL-2010 04:12:06	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	43846	No
55	GOM_NL__2PRFIN20100720_041337_000000522091_00205_43846_4295.N1	20-JUL-2010 04:13:37	Straylight	52.000	63	Bet Gru	2.1500	2800.0	104	43846	No
56	GOM_NL__2PRFIN20100720_041507_000000492091_00205_43846_4296.N1	20-JUL-2010 04:15:07	Straylight	49.000	31	Alp Gru	1.7340	15200.	98	43846	No
57	GOM_NL__2PRFIN20100720_041820_000000492091_00205_43846_4297.N1	20-JUL-2010 04:18:20	Straylight	49.000	172	Gam Gru	3.0030	13100.	98	43846	No
58	GOM_NL__2PRFIN20100720_043720_000000372091_00205_43846_4298.N1	20-JUL-2010 04:37:20	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	43846	No
59	GOM_NL__2PRFIN20100720_044423_000000362091_00205_43846_4299.N1	20-JUL-2010 04:44:23	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	43846	No
60	GOM_NL__2PRFIN20100720_044720_000000412091_00205_43846_4300.N1	20-JUL-2010 04:47:20	Bright	40.500	144	18Del Cyg	2.8600	11000.	81	43846	No
61	GOM_NL__2PRFIN20100720_044921_000000482091_00205_43846_4301.N1	20-JUL-2010 04:49:21	Bright	48.000	19	50Alp Cyg	1.2460	10500.	96	43846	No
62	GOM_NL__2PRFIN20100720_045426_000000412091_00205_43846_4302.N1	20-JUL-2010 04:54:26	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	43846	No
63	GOM_NL__2PRFIN20100720_050317_000000482091_00205_43846_4303.N1	20-JUL-2010 05:03:17	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	43846	No
64	GOM_NL__2PRFIN20100720_050838_000000432091_00205_43846_4304.N1	20-JUL-2010 05:08:38	Bright	43.000	160	23Gam Per	2.9300	4700.0	86	43846	No
65	GOM_NL__2PRFIN20100720_051003_000000622091_00205_43846_4305.N1	20-JUL-2010 05:10:03	Bright	62.000	35	33Alp Per	1.7950	6250.0	124	43846	No
66	GOM_NL__2PRFIN20100720_051304_000000532091_00205_43846_4306.N1	20-JUL-2010 05:13:04	Bright	52.500	79	26Bet Per	2.3100	13100.	105	43846	No
67	GOM_NL__2PRFIN20100720_051607_000000462091_00205_43846_4307.N1	20-JUL-2010 05:16:07	Twi_and_stray	46.000	150	44Zet Per	2.8900	28000.	92	43846	No
68	GOM_NL__2PRFIN20100720_051849_000000432091_00205_43846_4308.N1	20-JUL-2010 05:18:49	Twilight	42.500	146	25Eta Tau	2.8730	15200.	85	43846	No
69	GOM_NL__2PRFIN20100720_052023_000000482091_00205_43846_4309.N1	20-JUL-2010 05:20:23	Twilight	47.500	13	87Alp Tau	0.86700	3800.0	95	43846	No
70	GOM_NL__2PRFIN20100720_052719_000000482091_00205_43846_4310.N1	20-JUL-2010 05:27:19	Dark	48.000	94	92Alp Cet	2.5260	3100.0	96	43846	No
71	GOM_NL__2PRFIN20100720_053005_000000482091_00205_43846_4311.N1	20-JUL-2010 05:30:05	Dark	48.000	165	34Gam Eri	2.9500	3200.0	96	43846	No
72	GOM_NL__2PRFIN20100720_053914_000000442091_00205_43846_4312.N1	20-JUL-2010 05:39:14	Dark	43.500	157	The1Eri	2.9060	9300.0	87	43846	No
73	GOM_NL__2PRFIN20100720_054518_000000552091_00206_43847_4302.N1	20-JUL-2010 05:45:18	Dark	54.500	9	Alp Eri	0.45300	24000.	109	43847	No
74	GOM_NL__2PRFIN20100720_054846_000000582091_00206_43847_4303.N1	20-JUL-2010 05:48:46	Dark	58.000	84	Alp Phe	2.3970	4500.0	116	43847	No
75	GOM_NL__2PRFIN20100720_055242_000000432091_00206_43847_4304.N1	20-JUL-2010 05:52:42	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	43847	No
76	GOM_NL__2PRFIN20100720_055414_000000622091_00206_43847_4305.N1	20-JUL-2010 05:54:14	Straylight	62.000	63	Bet Gru	2.1500	2800.0	124	43847	No
77	GOM_NL__2PRFIN20100720_055543_000000472091_00206_43847_4306.N1	20-JUL-2010 05:55:43	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	43847	No
78	GOM_NL__2PRFIN20100720_055856_000000502091_00206_43847_4307.N1	20-JUL-2010 05:58:56	Straylight	49.500	172	Gam Gru	3.0030	13100.	99	43847	No
79	GOM_NL__2PRFIN20100720_061756_000000372091_00206_43847_4308.N1	20-JUL-2010 06:17:56	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	43847	No
80	GOM_NL__2PRFIN20100720_062459_000000422091_00206_43847_4309.N1	20-JUL-2010 06:24:59	Bright	41.500	5	3Alp Lyr	0.033000	11000.	83	43847	No
81	GOM_NL__2PRFIN20100720_062755_000000422091_00206_43847_4310.N1	20-JUL-2010 06:27:55	Bright	41.500	144	18Del Cyg	2.8600	11000.	83	43847	No
82	GOM_NL__2PRFIN20100720_062957_000000502091_00206_43847_4311.N1	20-JUL-2010 06:29:57	Bright	49.500	19	50Alp Cyg	1.2460	10500.	99	43847	No
83	GOM_NL__2PRFIN20100720_063501_000000402091_00206_43847_4312.N1	20-JUL-2010 06:35:01	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	43847	No
84	GOM_NL__2PRFIN20100720_064352_000000492091_00206_43847_4313.N1	20-JUL-2010 06:43:52	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	43847	No
85	GOM_NL__2PRFIN20100720_064914_000000442091_00206_43847_4314.N1	20-JUL-2010 06:49:14	Bright	44.000	160	23Gam Per	2.9300	4700.0	88	43847	No
86	GOM_NL__2PRFIN20100720_065039_000000452091_00206_43847_4315.N1	20-JUL-2010 06:50:39	Bright	44.500	35	33Alp Per	1.7950	6250.0	89	43847	No
87	GOM_NL__2PRFIN20100720_065340_000000502091_00206_43847_4316.N1	20-JUL-2010 06:53:40	Bright	50.000	79	26Bet Per	2.3100	13100.	100	43847	No
88	GOM_NL__2PRFIN20100720_065643_000000432091_00206_43847_4317.N1	20-JUL-2010 06:56:43	Twi_and_stray	43.000	150	44Zet Per	2.8900	28000.	86	43847	No
89	GOM_NL__2PRFIN20100720_065925_000000442091_00206_43847_4318.N1	20-JUL-2010 06:59:25	Twilight	44.000	146	25Eta Tau	2.8730	15200.	88	43847	No
90	GOM_NL__2PRFIN20100720_070059_000000522091_00206_43847_4319.N1	20-JUL-2010 07:00:59	Twilight	52.000	13	87Alp Tau	0.86700	3800.0	104	43847	No
91	GOM_NL__2PRFIN20100720_070755_000000482091_00206_43847_4320.N1	20-JUL-2010 07:07:55	Dark	48.000	94	92Alp Cet	2.5260	3100.0	96	43847	No
92	GOM_NL__2PRFIN20100720_071042_000000492091_00206_43847_4321.N1	20-JUL-2010 07:10:42	Dark	49.000	165	34Gam Eri	2.9500	3200.0	98	43847	No
93	GOM_NL__2PRFIN20100720_071951_000000432091_00206_43847_4322.N1	20-JUL-2010 07:19:51	Dark	42.500	157	The1Eri	2.9060	9300.0	85	43847	No
94	GOM_NL__2PRFIN20100720_072555_000000512091_00207_43848_4329.N1	20-JUL-2010 07:25:55	Dark	51.000	9	Alp Eri	0.45300	24000.	102	43848	No
95	GOM_NL__2PRFIN20100720_072923_000000542091_00207_43848_4330.N1	20-JUL-2010 07:29:23	Dark	54.000	84	Alp Phe	2.3970	4500.0	108	43848	No
96	GOM_NL__2PRFIN20100720_073319_000000392091_00207_43848_4331.N1	20-JUL-2010 07:33:19	Straylight	39.000	148	Alp Tuc	2.8780	4100.0	78	43848	No
97	GOM_NL__2PRFIN20100720_073450_000000652091_00207_43848_4332.N1	20-JUL-2010 07:34:50	Straylight	64.500	63	Bet Gru	2.1500	2800.0	129	43848	No
98	GOM_NL__2PRFIN20100720_073620_000000482091_00207_43848_4333.N1	20-JUL-2010 07:36:20	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	43848	No
99	GOM_NL__2PRFIN20100720_073933_000000492091_00207_43848_4334.N1	20-JUL-2010 07:39:33	Straylight	48.500	172	Gam Gru	3.0030	13100.	97	43848	No
100	GOM_NL__2PRFIN20100720_075831_000000372091_00207_43848_4335.N1	20-JUL-2010 07:58:31	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	43848	No
101	GOM_NL__2PRFIN20100720_080535_000000372091_00207_43848_4336.N1	20-JUL-2010 08:05:35	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	43848	No

102	GOM_NL__2PRFIN20100720_080831_000000422091_00207_43848_4337.N1	20-JUL-2010 08:08:31	Bright	42.000	144	18Del Cyg	2.8600	11000.	84	43848	No
103	GOM_NL__2PRFIN20100720_081032_000000492091_00207_43848_4338.N1	20-JUL-2010 08:10:32	Bright	49.000	19	50Alp Cyg	1.2460	10500.	98	43848	No
104	GOM_NL__2PRFIN20100720_081537_000000402091_00207_43848_4339.N1	20-JUL-2010 08:15:37	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	43848	No
105	GOM_NL__2PRFIN20100720_082427_000000492091_00207_43848_4340.N1	20-JUL-2010 08:24:27	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	43848	No
106	GOM_NL__2PRFIN20100720_082950_000000572091_00207_43848_4341.N1	20-JUL-2010 08:29:50	Bright	57.000	160	23Gam Per	2.9300	4700.0	114	43848	No
107	GOM_NL__2PRFIN20100720_083115_000000442091_00207_43848_4342.N1	20-JUL-2010 08:31:15	Bright	43.500	35	33Alp Per	1.7950	6250.0	87	43848	No
108	GOM_NL__2PRFIN20100720_083416_000000522091_00207_43848_4343.N1	20-JUL-2010 08:34:16	Bright	51.500	79	26Bet Per	2.3100	13100.	103	43848	No
109	GOM_NL__2PRFIN20100720_083720_000000452091_00207_43848_4344.N1	20-JUL-2010 08:37:20	Twilight	44.500	150	44Zet Per	2.8900	28000.	89	43848	No
110	GOM_NL__2PRFIN20100720_084001_000000482091_00207_43848_4345.N1	20-JUL-2010 08:40:01	Twilight	48.000	146	25Eta Tau	2.8730	15200.	96	43848	No
111	GOM_NL__2PRFIN20100720_084136_000000512091_00207_43848_4346.N1	20-JUL-2010 08:41:36	Twilight	51.000	13	87Alp Tau	0.86700	3800.0	102	43848	No
112	GOM_NL__2PRFIN20100720_084832_000000402091_00207_43848_4347.N1	20-JUL-2010 08:48:32	Dark	40.000	94	92Alp Cet	2.5260	3100.0	80	43848	No
113	GOM_NL__2PRFIN20100720_085119_000000492091_00207_43848_4348.N1	20-JUL-2010 08:51:19	Dark	49.000	165	34Gam Eri	2.9500	3200.0	98	43848	No
114	GOM_NL__2PRFIN20100720_090028_000000422091_00207_43848_4349.N1	20-JUL-2010 09:00:28	Dark	41.500	157	The1Eri	2.9060	9300.0	83	43848	No
115	GOM_NL__2PRFIN20100720_090631_000000552091_00208_43849_4356.N1	20-JUL-2010 09:06:31	Dark	55.000	9	Alp Eri	0.45300	24000.	110	43849	No
116	GOM_NL__2PRFIN20100720_091000_000000572091_00208_43849_4357.N1	20-JUL-2010 09:10:00	Dark	56.500	84	Alp Phe	2.3970	4500.0	113	43849	No
117	GOM_NL__2PRFIN20100720_091356_000000472091_00208_43849_4358.N1	20-JUL-2010 09:13:56	Straylight	47.000	148	Alp Tuc	2.8780	4100.0	94	43849	No
118	GOM_NL__2PRFIN20100720_091527_000000662091_00208_43849_4359.N1	20-JUL-2010 09:15:27	Straylight	66.000	63	Bet Gru	2.1500	2800.0	132	43849	No
119	GOM_NL__2PRFIN20100720_091656_000000512091_00208_43849_4360.N1	20-JUL-2010 09:16:56	Straylight	50.500	31	Alp Gru	1.7340	15200.	101	43849	No
120	GOM_NL__2PRFIN20100720_092009_000000482091_00208_43849_4361.N1	20-JUL-2010 09:20:09	Straylight	48.000	172	Gam Gru	3.0030	13100.	96	43849	No
121	GOM_NL__2PRFIN20100720_093907_000000402091_00208_43849_4362.N1	20-JUL-2010 09:39:07	Bright	39.500	168	17Zet Aql	2.9860	11000.	79	43849	No
122	GOM_NL__2PRFIN20100720_094611_000000392091_00208_43849_4363.N1	20-JUL-2010 09:46:11	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	43849	No
123	GOM_NL__2PRFIN20100720_094906_000000402091_00208_43849_4364.N1	20-JUL-2010 09:49:06	Bright	39.500	144	18Del Cyg	2.8600	11000.	79	43849	No
124	GOM_NL__2PRFIN20100720_095107_000000492091_00208_43849_4365.N1	20-JUL-2010 09:51:07	Bright	48.500	19	50Alp Cyg	1.2460	10500.	97	43849	No
125	GOM_NL__2PRFIN20100720_095612_000000392091_00208_43849_4366.N1	20-JUL-2010 09:56:12	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	43849	No
126	GOM_NL__2PRFIN20100720_100503_000000492091_00208_43849_4367.N1	20-JUL-2010 10:05:03	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	43849	No
127	GOM_NL__2PRFIN20100720_101025_000000632091_00208_43849_4368.N1	20-JUL-2010 10:10:25	Bright	63.000	160	23Gam Per	2.9300	4700.0	126	43849	No
128	GOM_NL__2PRFIN20100720_101151_000000452091_00208_43849_4369.N1	20-JUL-2010 10:11:51	Bright	44.500	35	33Alp Per	1.7950	6250.0	89	43849	No
129	GOM_NL__2PRFIN20100720_101452_000000512091_00208_43849_4370.N1	20-JUL-2010 10:14:52	Bright	50.500	79	26Bet Per	2.3100	13100.	101	43849	No
130	GOM_NL__2PRFIN20100720_101756_000000462091_00208_43849_4371.N1	20-JUL-2010 10:17:56	Twilight	45.500	150	44Zet Per	2.8900	28000.	91	43849	No
131	GOM_NL__2PRFIN20100720_102037_000000482091_00208_43849_4372.N1	20-JUL-2010 10:20:37	Twilight	47.500	146	25Eta Tau	2.8730	15200.	95	43849	No
132	GOM_NL__2PRFIN20100720_102212_000000452091_00208_43849_4373.N1	20-JUL-2010 10:22:12	Twilight	44.500	13	87Alp Tau	0.86700	3800.0	89	43849	No
133	GOM_NL__2PRFIN20100720_102909_000000402091_00208_43849_4374.N1	20-JUL-2010 10:29:09	Dark	40.000	94	92Alp Cet	2.5260	3100.0	80	43849	No
134	GOM_NL__2PRFIN20100720_103155_000000452091_00208_43849_4375.N1	20-JUL-2010 10:31:55	Dark	45.000	165	34Gam Eri	2.9500	3200.0	90	43849	No
135	GOM_NL__2PRFIN20100720_104104_000000452091_00208_43849_4376.N1	20-JUL-2010 10:41:04	Dark	44.500	157	The1Eri	2.9060	9300.0	89	43849	No
136	GOM_NL__2PRFIN20100720_104708_000000462091_00209_43850_4409.N1	20-JUL-2010 10:47:08	Dark	45.500	9	Alp Eri	0.45300	24000.	91	43850	No
137	GOM_NL__2PRFIN20100720_105037_000000582091_00209_43850_4410.N1	20-JUL-2010 10:50:37	Dark	57.500	84	Alp Phe	2.3970	4500.0	115	43850	No
138	GOM_NL__2PRFIN20100720_105432_000000452091_00209_43850_4411.N1	20-JUL-2010 10:54:32	Straylight	44.500	148	Alp Tuc	2.8780	4100.0	89	43850	No
139	GOM_NL__2PRFIN20100720_105604_000000652091_00209_43850_4412.N1	20-JUL-2010 10:56:04	Straylight	64.500	63	Bet Gru	2.1500	2800.0	129	43850	No
140	GOM_NL__2PRFIN20100720_105733_000000542091_00209_43850_4413.N1	20-JUL-2010 10:57:33	Straylight	54.000	31	Alp Gru	1.7340	15200.	108	43850	No
141	GOM_NL__2PRFIN20100720_110046_000000502091_00209_43850_4414.N1	20-JUL-2010 11:00:46	Straylight	50.000	172	Gam Gru	3.0030	13100.	100	43850	No
142	GOM_NL__2PRFIN20100720_111840_000000422091_00209_43850_4415.N1	20-JUL-2010 11:18:40	Bright	41.500	11	53Alp Aql	0.76500	8000.0	83	43850	No
143	GOM_NL__2PRFIN20100720_112647_000000392091_00209_43850_4416.N1	20-JUL-2010 11:26:47	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	43850	No
144	GOM_NL__2PRFIN20100720_112942_000000422091_00209_43850_4417.N1	20-JUL-2010 11:29:42	Bright	41.500	144	18Del Cyg	2.8600	11000.	83	43850	No
145	GOM_NL__2PRFIN20100720_113142_000000502091_00209_43850_4418.N1	20-JUL-2010 11:31:42	Bright	49.500	19	50Alp Cyg	1.2460	10500.	99	43850	No
146	GOM_NL__2PRFIN20100720_114538_000000482091_00209_43850_4419.N1	20-JUL-2010 11:45:38	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	43850	No
147	GOM_NL__2PRFIN20100720_115101_000000442091_00209_43850_4420.N1	20-JUL-2010 11:51:01	Bright	43.500	160	23Gam Per	2.9300	4700.0	87	43850	No
148	GOM_NL__2PRFIN20100720_115227_000000462091_00209_43850_4421.N1	20-JUL-2010 11:52:27	Bright	46.000	35	33Alp Per	1.7950	6250.0	92	43850	No
149	GOM_NL__2PRFIN20100720_115528_000000512091_00209_43850_4422.N1	20-JUL-2010 11:55:28	Bright	51.000	79	26Bet Per	2.3100	13100.	102	43850	No
150	GOM_NL__2PRFIN20100720_115832_000000482091_00209_43850_4423.N1	20-JUL-2010 11:58:32	Twilight	47.500	150	44Zet Per	2.8900	28000.	95	43850	No
151	GOM_NL__2PRFIN20100720_120113_000000492091_00209_43850_4424.N1	20-JUL-2010 12:01:13	Twilight	49.000	146	25Eta Tau	2.8730	15200.	98	43850	No
152	GOM_NL__2PRFIN20100720_120248_000000562091_00209_43850_4425.N1	20-JUL-2010 12:02:48	Twilight	56.000	13	87Alp Tau	0.86700	3800.0	112	43850	No
153	GOM_NL__2PRFIN20100720_120946_000000312091_00209_43850_4426.N1	20-JUL-2010 12:09:46	Dark	31.000	94	92Alp Cet	2.5260	3100.0	62	43850	No
154	GOM_NL__2PRFIN20100720_121232_000000522091_00209_43850_4427.N1	20-JUL-2010 12:12:32	Dark	51.500	165	34Gam Eri	2.9500	3200.0	103	43850	No
155	GOM_NL__2PRFIN20100720_122141_000000422091_00209_43850_4428.N1	20-JUL-2010 12:21:41	Dark	42.000	157	The1Eri	2.9060	9300.0	84	43850	No
156	GOM_NL__2PRFIN20100720_122744_000000432091_00210_43851_4436.N1	20-JUL-2010 12:27:44	Dark	43.000	9	Alp Eri	0.45300	24000.	86	43851	No
157	GOM_NL__2PRFIN20100720_123114_000000532091_00210_43851_4437.N1	20-JUL-2010 12:31:14	Dark	53.000	84	Alp Phe	2.3970	4500.0	106	43851	No
158	GOM_NL__2PRFIN20100720_123508_000000502091_00210_43851_4438.N1	20-JUL-2010 12:35:08	Straylight	49.500	148	Alp Tuc	2.8780	4100.0	99	43851	No
159	GOM_NL__2PRFIN20100720_123640_000000552091_00210_43851_4439.N1	20-JUL-2010 12:36:40	Straylight	54.500	63	Bet Gru	2.1500	2800.0	109	43851	No
160	GOM_NL__2PRFIN20100720_123809_000000482091_00210_43851_4440.N1	20-JUL-2010 12:38:09	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	43851	No

161	GOM_NL__2PRFIN20100720_124123_000000502091_00210_43851_4441.N1	20-JUL-2010 12:41:23	Straylight	49.500	172	Gam Gru	3.0030	13100.	99	43851	No
162	GOM_NL__2PRFIN20100720_125916_000000422091_00210_43851_4442.N1	20-JUL-2010 12:59:16	Bright	41.500	11	53Alp Aql	0.76500	8000.0	83	43851	No
163	GOM_NL__2PRFIN20100720_130722_000000382091_00210_43851_4443.N1	20-JUL-2010 13:07:22	Bright	37.500	5	3Alp Lyr	0.033000	11000.	75	43851	No
164	GOM_NL__2PRFIN20100720_131017_000000422091_00210_43851_4444.N1	20-JUL-2010 13:10:17	Bright	42.000	144	18Del Cyg	2.8600	11000.	84	43851	No
165	GOM_NL__2PRFIN20100720_131217_000000522091_00210_43851_4445.N1	20-JUL-2010 13:12:17	Bright	51.500	19	50Alp Cyg	1.2460	10500.	103	43851	No
166	GOM_NL__2PRFIN20100720_131723_000000442091_00210_43851_4446.N1	20-JUL-2010 13:17:23	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	43851	No
167	GOM_NL__2PRFIN20100720_132613_000000492091_00210_43851_4447.N1	20-JUL-2010 13:26:13	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	43851	No
168	GOM_NL__2PRFIN20100720_133137_000000452091_00210_43851_4448.N1	20-JUL-2010 13:31:37	Bright	44.500	160	23Gam Per	2.9300	4700.0	89	43851	No
169	GOM_NL__2PRFIN20100720_133302_000000462091_00210_43851_4449.N1	20-JUL-2010 13:33:02	Bright	45.500	35	33Alp Per	1.7950	6250.0	91	43851	No
170	GOM_NL__2PRFIN20100720_133603_000000522091_00210_43851_4450.N1	20-JUL-2010 13:36:03	Bright	52.000	79	26Bet Per	2.3100	13100.	104	43851	No
171	GOM_NL__2PRFIN20100720_133907_000000482091_00210_43851_4451.N1	20-JUL-2010 13:39:07	Tw_i_and_stray	47.500	150	44Zet Per	2.8900	28000.	95	43851	No
172	GOM_NL__2PRFIN20100720_134149_000000482091_00210_43851_4452.N1	20-JUL-2010 13:41:49	Twilight	47.500	146	25Eta Tau	2.8730	15200.	95	43851	No
173	GOM_NL__2PRFIN20100720_134324_000000552091_00210_43851_4453.N1	20-JUL-2010 13:43:24	Twilight	54.500	13	87Alp Tau	0.86700	3800.0	109	43851	No
174	GOM_NL__2PRFIN20100720_135023_000000312091_00210_43851_4454.N1	20-JUL-2010 13:50:23	Dark	31.000	94	92Alp Cet	2.5260	3100.0	62	43851	No
175	GOM_NL__2PRFIN20100720_135308_000000472091_00210_43851_4455.N1	20-JUL-2010 13:53:08	Dark	47.000	165	34Gam Eri	2.9500	3200.0	94	43851	No
176	GOM_NL__2PRFIN20100720_140217_000000432091_00210_43851_4456.N1	20-JUL-2010 14:02:17	Dark	43.000	157	The1Eri	2.9060	9300.0	86	43851	No
177	GOM_NL__2PRFIN20100720_140821_000000452091_00211_43852_4472.N1	20-JUL-2010 14:08:21	Dark	44.500	9	Alp Eri	0.45300	24000.	89	43852	No
178	GOM_NL__2PRFIN20100720_141151_000000532091_00211_43852_4473.N1	20-JUL-2010 14:11:51	Dark	53.000	84	Alp Phe	2.3970	4500.0	106	43852	No
179	GOM_NL__2PRFIN20100720_141545_000000422091_00211_43852_4474.N1	20-JUL-2010 14:15:45	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	43852	No
180	GOM_NL__2PRFIN20100720_141717_000000502091_00211_43852_4475.N1	20-JUL-2010 14:17:17	Straylight	50.000	63	Bet Gru	2.1500	2800.0	100	43852	No
181	GOM_NL__2PRFIN20100720_141846_000000482091_00211_43852_4476.N1	20-JUL-2010 14:18:46	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	43852	No
182	GOM_NL__2PRFIN20100720_142159_000000492091_00211_43852_4477.N1	20-JUL-2010 14:21:59	Straylight	49.000	172	Gam Gru	3.0030	13100.	98	43852	No
183	GOM_NL__2PRFIN20100720_143952_000000432091_00211_43852_4478.N1	20-JUL-2010 14:39:52	Bright	42.500	11	53Alp Aql	0.76500	8000.0	85	43852	No
184	GOM_NL__2PRFIN20100720_144758_000000412091_00211_43852_4479.N1	20-JUL-2010 14:47:58	Bright	40.500	5	3Alp Lyr	0.033000	11000.	81	43852	No
185	GOM_NL__2PRFIN20100720_145053_000000412091_00211_43852_4480.N1	20-JUL-2010 14:50:53	Bright	40.500	144	18Del Cyg	2.8600	11000.	81	43852	No
186	GOM_NL__2PRFIN20100720_145252_000000492091_00211_43852_4481.N1	20-JUL-2010 14:52:52	Bright	49.000	19	50Alp Cyg	1.2460	10500.	98	43852	No
187	GOM_NL__2PRFIN20100720_145758_000000402091_00211_43852_4482.N1	20-JUL-2010 14:57:58	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	43852	No
188	GOM_NL__2PRFIN20100720_150649_000000482091_00211_43852_4483.N1	20-JUL-2010 15:06:49	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	43852	No
189	GOM_NL__2PRFIN20100720_151213_000000452091_00211_43852_4484.N1	20-JUL-2010 15:12:13	Bright	44.500	160	23Gam Per	2.9300	4700.0	89	43852	No
190	GOM_NL__2PRFIN20100720_151338_000000452091_00211_43852_4485.N1	20-JUL-2010 15:13:38	Bright	45.000	35	33Alp Per	1.7950	6250.0	90	43852	No
191	GOM_NL__2PRFIN20100720_151639_000000522091_00211_43852_4486.N1	20-JUL-2010 15:16:39	Bright	51.500	79	26Bet Per	2.3100	13100.	103	43852	No
192	GOM_NL__2PRFIN20100720_151944_000000452091_00211_43852_4487.N1	20-JUL-2010 15:19:44	Tw_i_and_stray	45.000	150	44Zet Per	2.8900	28000.	90	43852	No
193	GOM_NL__2PRFIN20100720_152226_000000472091_00211_43852_4488.N1	20-JUL-2010 15:22:26	Twilight	47.000	146	25Eta Tau	2.8730	15200.	94	43852	No
194	GOM_NL__2PRFIN20100720_152400_000000542091_00211_43852_4489.N1	20-JUL-2010 15:24:00	Twilight	53.500	13	87Alp Tau	0.86700	3800.0	107	43852	No
195	GOM_NL__2PRFIN20100720_153345_000000482091_00211_43852_4490.N1	20-JUL-2010 15:33:45	Dark	47.500	165	34Gam Eri	2.9500	3200.0	95	43852	No
196	GOM_NL__2PRFIN20100720_154254_000000442091_00211_43852_4491.N1	20-JUL-2010 15:42:54	Dark	43.500	157	The1Eri	2.9060	9300.0	87	43852	No
197	GOM_NL__2PRFIN20100720_154857_000000442091_00212_43853_4517.N1	20-JUL-2010 15:48:57	Dark	43.500	9	Alp Eri	0.45300	24000.	87	43853	No
198	GOM_NL__2PRFIN20100720_155228_000000562091_00212_43853_4518.N1	20-JUL-2010 15:52:28	Dark	56.000	84	Alp Phe	2.3970	4500.0	112	43853	No
199	GOM_NL__2PRFIN20100720_155621_000000412091_00212_43853_4519.N1	20-JUL-2010 15:56:21	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	43853	No
200	GOM_NL__2PRFIN20100720_155754_000000512091_00212_43853_4520.N1	20-JUL-2010 15:57:54	Straylight	51.000	63	Bet Gru	2.1500	2800.0	102	43853	No
201	GOM_NL__2PRFIN20100720_155922_000000552091_00212_43853_4521.N1	20-JUL-2010 15:59:22	Straylight	54.500	31	Alp Gru	1.7340	15200.	109	43853	No
202	GOM_NL__2PRFIN20100720_160236_000000502091_00212_43853_4522.N1	20-JUL-2010 16:02:36	Straylight	49.500	172	Gam Gru	3.0030	13100.	99	43853	No
203	GOM_NL__2PRFIN20100720_162027_000000432091_00212_43853_4523.N1	20-JUL-2010 16:20:27	Bright	43.000	11	53Alp Aql	0.76500	8000.0	86	43853	No
204	GOM_NL__2PRFIN20100720_162834_000000412091_00212_43853_4524.N1	20-JUL-2010 16:28:34	Bright	41.000	5	3Alp Lyr	0.033000	11000.	82	43853	No
205	GOM_NL__2PRFIN20100720_163128_000000412091_00212_43853_4525.N1	20-JUL-2010 16:31:28	Bright	40.500	144	18Del Cyg	2.8600	11000.	81	43853	No
206	GOM_NL__2PRFIN20100720_163328_000000492091_00212_43853_4526.N1	20-JUL-2010 16:33:28	Bright	48.500	19	50Alp Cyg	1.2460	10500.	97	43853	No
207	GOM_NL__2PRFIN20100720_163833_000000452091_00212_43853_4527.N1	20-JUL-2010 16:38:33	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	43853	No
208	GOM_NL__2PRFIN20100720_164724_000000502091_00212_43853_4528.N1	20-JUL-2010 16:47:24	Bright	49.500	76	27Gam Cas	2.3000	30000.	99	43853	No
209	GOM_NL__2PRFIN20100720_165248_000000432091_00212_43853_4529.N1	20-JUL-2010 16:52:48	Bright	42.500	160	23Gam Per	2.9300	4700.0	85	43853	No
210	GOM_NL__2PRFIN20100720_165414_000000442091_00212_43853_4530.N1	20-JUL-2010 16:54:14	Bright	43.500	35	33Alp Per	1.7950	6250.0	87	43853	No
211	GOM_NL__2PRFIN20100720_165715_000000492091_00212_43853_4531.N1	20-JUL-2010 16:57:15	Bright	48.500	79	26Bet Per	2.3100	13100.	97	43853	No
212	GOM_NL__2PRFIN20100720_170020_000000462091_00212_43853_4532.N1	20-JUL-2010 17:00:20	Tw_i_and_stray	46.000	150	44Zet Per	2.8900	28000.	92	43853	No
213	GOM_NL__2PRFIN20100720_170302_000000482091_00212_43853_4533.N1	20-JUL-2010 17:03:02	Twilight	48.000	146	25Eta Tau	2.8730	15200.	96	43853	No
214	GOM_NL__2PRFIN20100720_170437_000000522091_00212_43853_4534.N1	20-JUL-2010 17:04:37	Twilight	52.000	13	87Alp Tau	0.86700	3800.0	104	43853	No
215	GOM_NL__2PRFIN20100720_171422_000000482091_00212_43853_4535.N1	20-JUL-2010 17:14:22	Dark	48.000	165	34Gam Eri	2.9500	3200.0	96	43853	No
216	GOM_NL__2PRFIN20100720_172331_000000422091_00212_43853_4536.N1	20-JUL-2010 17:23:31	Dark	42.000	157	The1Eri	2.9060	9300.0	84	43853	No
217	GOM_NL__2PRFIN20100720_172934_000000422091_00213_43854_4545.N1	20-JUL-2010 17:29:34	Dark	42.000	9	Alp Eri	0.45300	24000.	84	43854	No
218	GOM_NL__2PRFIN20100720_173305_000000542091_00213_43854_4546.N1	20-JUL-2010 17:33:05	Dark	53.500	84	Alp Phe	2.3970	4500.0	107	43854	No
219	GOM_NL__2PRFIN20100720_173658_000000422091_00213_43854_4547.N1	20-JUL-2010 17:36:58	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	43854	No

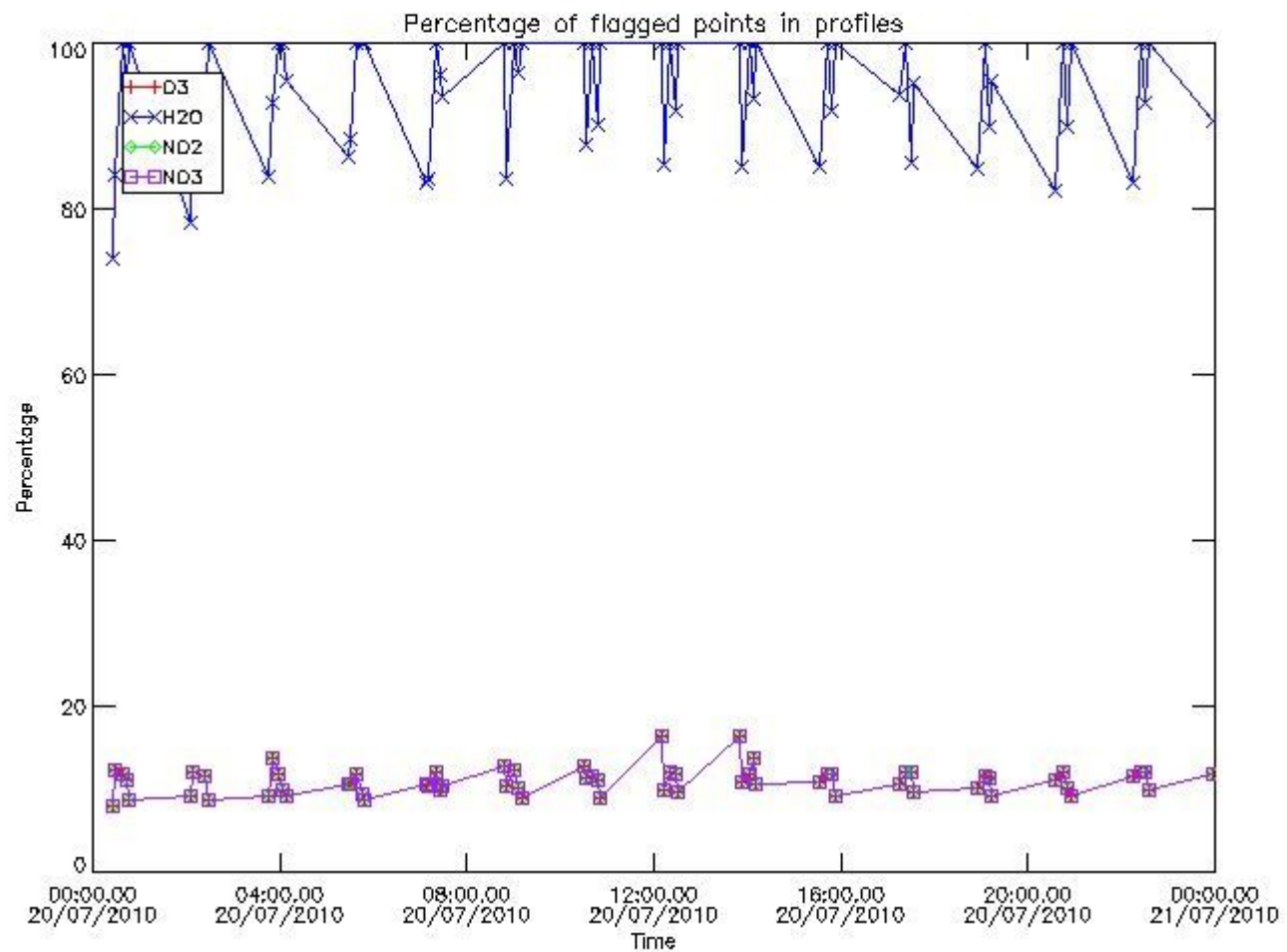
220	GOM_NL__2PRFIN20100720_173831_000000492091_00213_43854_4548.N1	20-JUL-2010 17:38:31	Straylight	48.500	63	Bet Gru	2.1500	2800.0	97	43854	No
221	GOM_NL__2PRFIN20100720_173959_000000452091_00213_43854_4549.N1	20-JUL-2010 17:39:59	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	43854	No
222	GOM_NL__2PRFIN20100720_174313_000000482091_00213_43854_4550.N1	20-JUL-2010 17:43:13	Straylight	48.000	172	Gam Gru	3.0030	13100.	96	43854	No
223	GOM_NL__2PRFIN20100720_180103_000000422091_00213_43854_4551.N1	20-JUL-2010 18:01:03	Bright	42.000	11	53Alp Aql	0.76500	8000.0	84	43854	No
224	GOM_NL__2PRFIN20100720_180910_000000382091_00213_43854_4552.N1	20-JUL-2010 18:09:10	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	43854	No
225	GOM_NL__2PRFIN20100720_181203_000000412091_00213_43854_4553.N1	20-JUL-2010 18:12:03	Bright	40.500	144	18Del Cyg	2.8600	11000.	81	43854	No
226	GOM_NL__2PRFIN20100720_181403_000000482091_00213_43854_4554.N1	20-JUL-2010 18:14:03	Bright	48.000	19	50Alp Cyg	1.2460	10500.	96	43854	No
227	GOM_NL__2PRFIN20100720_181909_000000432091_00213_43854_4555.N1	20-JUL-2010 18:19:09	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	43854	No
228	GOM_NL__2PRFIN20100720_182759_000000512091_00213_43854_4556.N1	20-JUL-2010 18:27:59	Bright	50.500	76	27Gam Cas	2.3000	30000.	101	43854	No
229	GOM_NL__2PRFIN20100720_183324_000000432091_00213_43854_4557.N1	20-JUL-2010 18:33:24	Bright	42.500	160	23Gam Per	2.9300	4700.0	85	43854	No
230	GOM_NL__2PRFIN20100720_183450_000000442091_00213_43854_4558.N1	20-JUL-2010 18:34:50	Bright	44.000	35	33Alp Per	1.7950	6250.0	88	43854	No
231	GOM_NL__2PRFIN20100720_183751_000000512091_00213_43854_4559.N1	20-JUL-2010 18:37:51	Bright	50.500	79	26Bet Per	2.3100	13100.	101	43854	No
232	GOM_NL__2PRFIN20100720_184056_000000462091_00213_43854_4560.N1	20-JUL-2010 18:40:56	Twilight	46.000	150	44Zet Per	2.8900	28000.	92	43854	No
233	GOM_NL__2PRFIN20100720_184338_000000482091_00213_43854_4561.N1	20-JUL-2010 18:43:38	Twilight	47.500	146	25Eta Tau	2.8730	15200.	95	43854	No
234	GOM_NL__2PRFIN20100720_184513_000000522091_00213_43854_4562.N1	20-JUL-2010 18:45:13	Twilight	52.000	13	87Alp Tau	0.86700	3800.0	104	43854	No
235	GOM_NL__2PRFIN20100720_185458_000000502091_00213_43854_4563.N1	20-JUL-2010 18:54:58	Dark	50.000	165	34Gam Eri	2.9500	3200.0	100	43854	No
236	GOM_NL__2PRFIN20100720_190407_000000442091_00213_43854_4564.N1	20-JUL-2010 19:04:07	Dark	44.000	157	The1Eri	2.9060	9300.0	88	43854	No
237	GOM_NL__2PRFIN20100720_191011_000000452091_00214_43855_4606.N1	20-JUL-2010 19:10:11	Dark	45.000	9	Alp Eri	0.45300	24000.	90	43855	No
238	GOM_NL__2PRFIN20100720_191343_000000552091_00214_43855_4607.N1	20-JUL-2010 19:13:43	Dark	55.000	84	Alp Phe	2.3970	4500.0	110	43855	No
239	GOM_NL__2PRFIN20100720_191734_000000412091_00214_43855_4608.N1	20-JUL-2010 19:17:34	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	43855	No
240	GOM_NL__2PRFIN20100720_191907_000000492091_00214_43855_4609.N1	20-JUL-2010 19:19:07	Straylight	49.000	63	Bet Gru	2.1500	2800.0	98	43855	No
241	GOM_NL__2PRFIN20100720_192036_000000542091_00214_43855_4610.N1	20-JUL-2010 19:20:36	Straylight	54.000	31	Alp Gru	1.7340	15200.	108	43855	No
242	GOM_NL__2PRFIN20100720_192349_000000522091_00214_43855_4611.N1	20-JUL-2010 19:23:49	Straylight	52.000	172	Gam Gru	3.0030	13100.	104	43855	No
243	GOM_NL__2PRFIN20100720_194139_000000442091_00214_43855_4612.N1	20-JUL-2010 19:41:39	Bright	44.000	11	53Alp Aql	0.76500	8000.0	88	43855	No
244	GOM_NL__2PRFIN20100720_194946_000000412091_00214_43855_4613.N1	20-JUL-2010 19:49:46	Bright	41.000	5	3Alp Lyr	0.033000	11000.	82	43855	No
245	GOM_NL__2PRFIN20100720_195239_000000422091_00214_43855_4614.N1	20-JUL-2010 19:52:39	Bright	42.000	144	18Del Cyg	2.8600	11000.	84	43855	No
246	GOM_NL__2PRFIN20100720_195438_000000492091_00214_43855_4615.N1	20-JUL-2010 19:54:38	Bright	48.500	19	50Alp Cyg	1.2460	10500.	97	43855	No
247	GOM_NL__2PRFIN20100720_195944_000000402091_00214_43855_4616.N1	20-JUL-2010 19:59:44	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	43855	No
248	GOM_NL__2PRFIN20100720_200835_000000492091_00214_43855_4617.N1	20-JUL-2010 20:08:35	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	43855	No
249	GOM_NL__2PRFIN20100720_201400_000000432091_00214_43855_4618.N1	20-JUL-2010 20:14:00	Bright	43.000	160	23Gam Per	2.9300	4700.0	86	43855	No
250	GOM_NL__2PRFIN20100720_201526_000000442091_00214_43855_4619.N1	20-JUL-2010 20:15:26	Bright	43.500	35	33Alp Per	1.7950	6250.0	87	43855	No
251	GOM_NL__2PRFIN20100720_201827_000000522091_00214_43855_4620.N1	20-JUL-2010 20:18:27	Bright	51.500	79	26Bet Per	2.3100	13100.	103	43855	No
252	GOM_NL__2PRFIN20100720_202132_000000482091_00214_43855_4621.N1	20-JUL-2010 20:21:32	Twilight	47.500	150	44Zet Per	2.8900	28000.	95	43855	No
253	GOM_NL__2PRFIN20100720_202414_000000472091_00214_43855_4622.N1	20-JUL-2010 20:24:14	Twilight	47.000	146	25Eta Tau	2.8730	15200.	94	43855	No
254	GOM_NL__2PRFIN20100720_202549_000000532091_00214_43855_4623.N1	20-JUL-2010 20:25:49	Twilight	53.000	13	87Alp Tau	0.86700	3800.0	106	43855	No
255	GOM_NL__2PRFIN20100720_203535_000000462091_00214_43855_4624.N1	20-JUL-2010 20:35:35	Dark	45.500	165	34Gam Eri	2.9500	3200.0	91	43855	No
256	GOM_NL__2PRFIN20100720_204444_000000422091_00214_43855_4625.N1	20-JUL-2010 20:44:44	Dark	42.000	157	The1Eri	2.9060	9300.0	84	43855	No
257	GOM_NL__2PRFIN20100720_205047_000000502091_00215_43856_4634.N1	20-JUL-2010 20:50:47	Dark	50.000	9	Alp Eri	0.45300	24000.	100	43856	No
258	GOM_NL__2PRFIN20100720_205419_000000552091_00215_43856_4635.N1	20-JUL-2010 20:54:19	Dark	55.000	84	Alp Phe	2.3970	4500.0	110	43856	No
259	GOM_NL__2PRFIN20100720_205810_000000502091_00215_43856_4636.N1	20-JUL-2010 20:58:10	Straylight	49.500	148	Alp Tuc	2.8780	4100.0	99	43856	No
260	GOM_NL__2PRFIN20100720_205944_000000652091_00215_43856_4637.N1	20-JUL-2010 20:59:44	Straylight	64.500	63	Bet Gru	2.1500	2800.0	129	43856	No
261	GOM_NL__2PRFIN20100720_210113_000000452091_00215_43856_4638.N1	20-JUL-2010 21:01:13	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	43856	No
262	GOM_NL__2PRFIN20100720_210426_000000512091_00215_43856_4639.N1	20-JUL-2010 21:04:26	Straylight	51.000	172	Gam Gru	3.0030	13100.	102	43856	No
263	GOM_NL__2PRFIN20100720_212214_000000442091_00215_43856_4640.N1	20-JUL-2010 21:22:14	Bright	43.500	11	53Alp Aql	0.76500	8000.0	87	43856	No
264	GOM_NL__2PRFIN20100720_213022_000000372091_00215_43856_4641.N1	20-JUL-2010 21:30:22	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	43856	No
265	GOM_NL__2PRFIN20100720_213315_000000412091_00215_43856_4642.N1	20-JUL-2010 21:33:15	Bright	40.500	144	18Del Cyg	2.8600	11000.	81	43856	No
266	GOM_NL__2PRFIN20100720_213514_000000512091_00215_43856_4643.N1	20-JUL-2010 21:35:14	Bright	50.500	19	50Alp Cyg	1.2460	10500.	101	43856	No
267	GOM_NL__2PRFIN20100720_214020_000000442091_00215_43856_4644.N1	20-JUL-2010 21:40:20	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	43856	No
268	GOM_NL__2PRFIN20100720_214910_000000502091_00215_43856_4645.N1	20-JUL-2010 21:49:10	Bright	49.500	76	27Gam Cas	2.3000	30000.	99	43856	No
269	GOM_NL__2PRFIN20100720_215436_000000442091_00215_43856_4646.N1	20-JUL-2010 21:54:36	Bright	44.000	160	23Gam Per	2.9300	4700.0	88	43856	No
270	GOM_NL__2PRFIN20100720_215601_000000462091_00215_43856_4647.N1	20-JUL-2010 21:56:01	Bright	45.500	35	33Alp Per	1.7950	6250.0	91	43856	No
271	GOM_NL__2PRFIN20100720_215903_000000532091_00215_43856_4648.N1	20-JUL-2010 21:59:03	Bright	52.500	79	26Bet Per	2.3100	13100.	105	43856	No
272	GOM_NL__2PRFIN20100720_220208_000000442091_00215_43856_4649.N1	20-JUL-2010 22:02:08	Twilight	44.000	150	44Zet Per	2.8900	28000.	88	43856	No
273	GOM_NL__2PRFIN20100720_220450_000000492091_00215_43856_4650.N1	20-JUL-2010 22:04:50	Twilight	48.500	146	25Eta Tau	2.8730	15200.	97	43856	No
274	GOM_NL__2PRFIN20100720_220625_000000542091_00215_43856_4651.N1	20-JUL-2010 22:06:25	Twilight	54.000	13	87Alp Tau	0.86700	3800.0	108	43856	No
275	GOM_NL__2PRFIN20100720_221611_000000482091_00215_43856_4652.N1	20-JUL-2010 22:16:11	Dark	48.000	165	34Gam Eri	2.9500	3200.0	96	43856	No
276	GOM_NL__2PRFIN20100720_222521_000000432091_00215_43856_4653.N1	20-JUL-2010 22:25:21	Dark	42.500	157	The1Eri	2.9060	9300.0	85	43856	No
277	GOM_NL__2PRFIN20100720_223124_000000432091_00216_43857_4642.N1	20-JUL-2010 22:31:24	Dark	42.500	9	Alp Eri	0.45300	24000.	85	43857	No
278	GOM_NL__2PRFIN20100720_223456_000000522091_00216_43857_4643.N1	20-JUL-2010 22:34:56	Dark	51.500	84	Alp Phe	2.3970	4500.0	103	43857	No

279	GOM_NL__2PRFIN20100720_223847_000000432091_00216_43857_4644.N1	20-JUL-2010 22:38:47	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	43857	No
280	GOM_NL__2PRFIN20100720_224021_000000592091_00216_43857_4645.N1	20-JUL-2010 22:40:21	Straylight	59.000	63	Bet Gru	2.1500	2800.0	118	43857	No
281	GOM_NL__2PRFIN20100720_224149_000000452091_00216_43857_4646.N1	20-JUL-2010 22:41:49	Straylight	44.500	31	Alp Gru	1.7340	15200.	89	43857	No
282	GOM_NL__2PRFIN20100720_224502_000000502091_00216_43857_4647.N1	20-JUL-2010 22:45:02	Straylight	49.500	172	Gam Gru	3.0030	13100.	99	43857	No
283	GOM_NL__2PRFIN20100720_230250_000000432091_00216_43857_4648.N1	20-JUL-2010 23:02:50	Bright	43.000	11	53Alp Aql	0.76500	8000.0	86	43857	No
284	GOM_NL__2PRFIN20100720_231057_000000402091_00216_43857_4649.N1	20-JUL-2010 23:10:57	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	43857	No
285	GOM_NL__2PRFIN20100720_231350_000000402091_00216_43857_4650.N1	20-JUL-2010 23:13:50	Bright	40.000	144	18Del Cyg	2.8600	11000.	80	43857	No
286	GOM_NL__2PRFIN20100720_231549_000000502091_00216_43857_4651.N1	20-JUL-2010 23:15:49	Bright	50.000	19	50Alp Cyg	1.2460	10500.	100	43857	No
287	GOM_NL__2PRFIN20100720_232055_000000452091_00216_43857_4652.N1	20-JUL-2010 23:20:55	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	43857	No
288	GOM_NL__2PRFIN20100720_232945_000000492091_00216_43857_4653.N1	20-JUL-2010 23:29:45	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	43857	No
289	GOM_NL__2PRFIN20100720_233511_000000452091_00216_43857_4654.N1	20-JUL-2010 23:35:11	Bright	45.000	160	23Gam Per	2.9300	4700.0	90	43857	No
290	GOM_NL__2PRFIN20100720_233637_000000452091_00216_43857_4655.N1	20-JUL-2010 23:36:37	Bright	44.500	35	33Alp Per	1.7950	6250.0	89	43857	No
291	GOM_NL__2PRFIN20100720_233939_000000482091_00216_43857_4656.N1	20-JUL-2010 23:39:39	Bright	48.000	79	26Bet Per	2.3100	13100.	96	43857	No
292	GOM_NL__2PRFIN20100720_234244_000000492091_00216_43857_4657.N1	20-JUL-2010 23:42:44	Twilight	48.500	150	44Zet Per	2.8900	28000.	97	43857	No
293	GOM_NL__2PRFIN20100720_234527_000000482091_00216_43857_4658.N1	20-JUL-2010 23:45:27	Twilight	47.500	146	25Eta Tau	2.8730	15200.	95	43857	No
294	GOM_NL__2PRFIN20100720_234702_000000482091_00216_43857_4659.N1	20-JUL-2010 23:47:02	Twilight	48.000	13	87Alp Tau	0.86700	3800.0	96	43857	No
295	GOM_NL__2PRFIN20100720_235647_000000442091_00216_43857_4660.N1	20-JUL-2010 23:56:47	Dark	43.500	165	34Gam Eri	2.9500	3200.0	87	43857	No

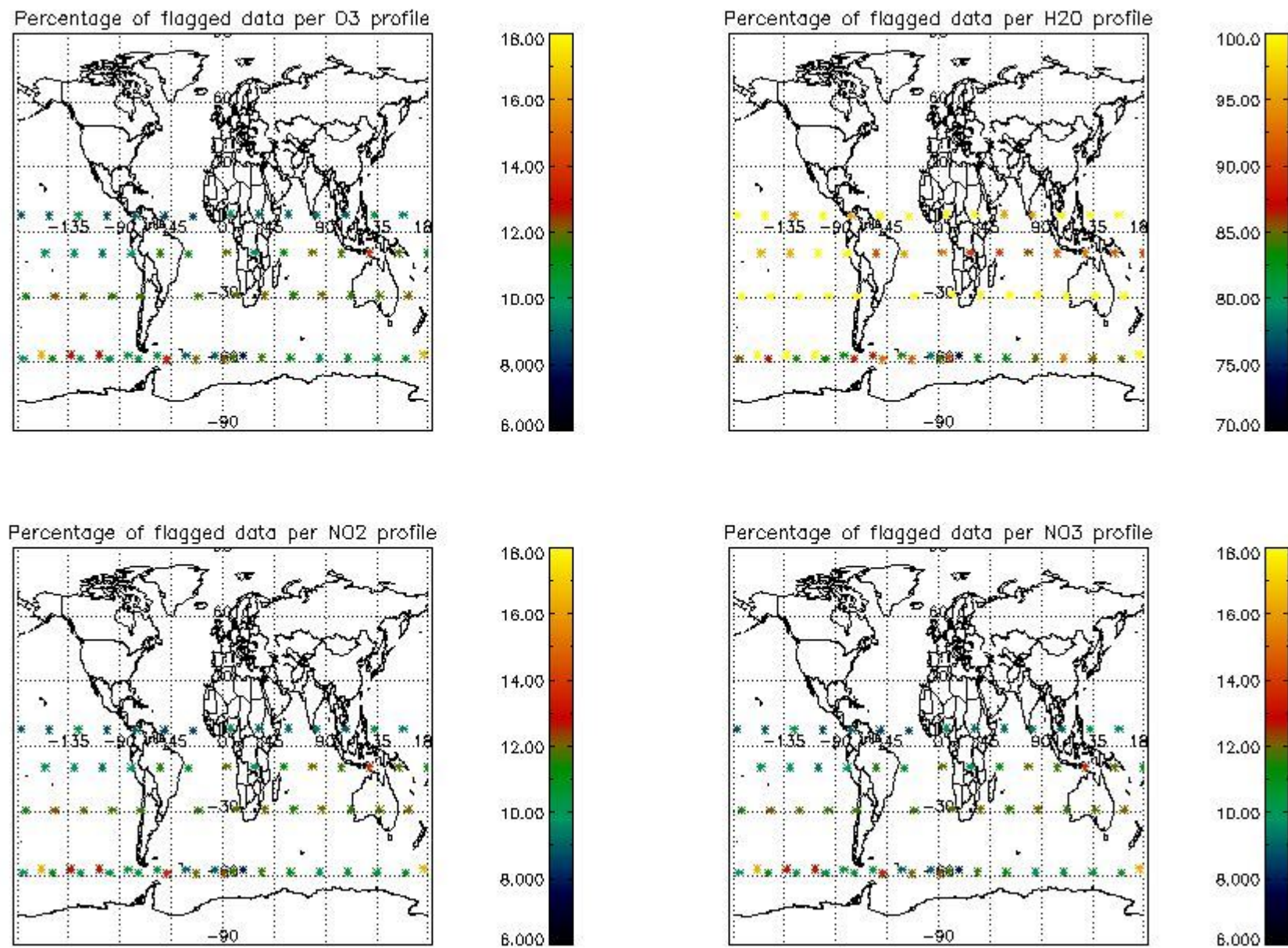
### 3. Quality information per product

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

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



### 3.2 Plot quality information per product (world map)



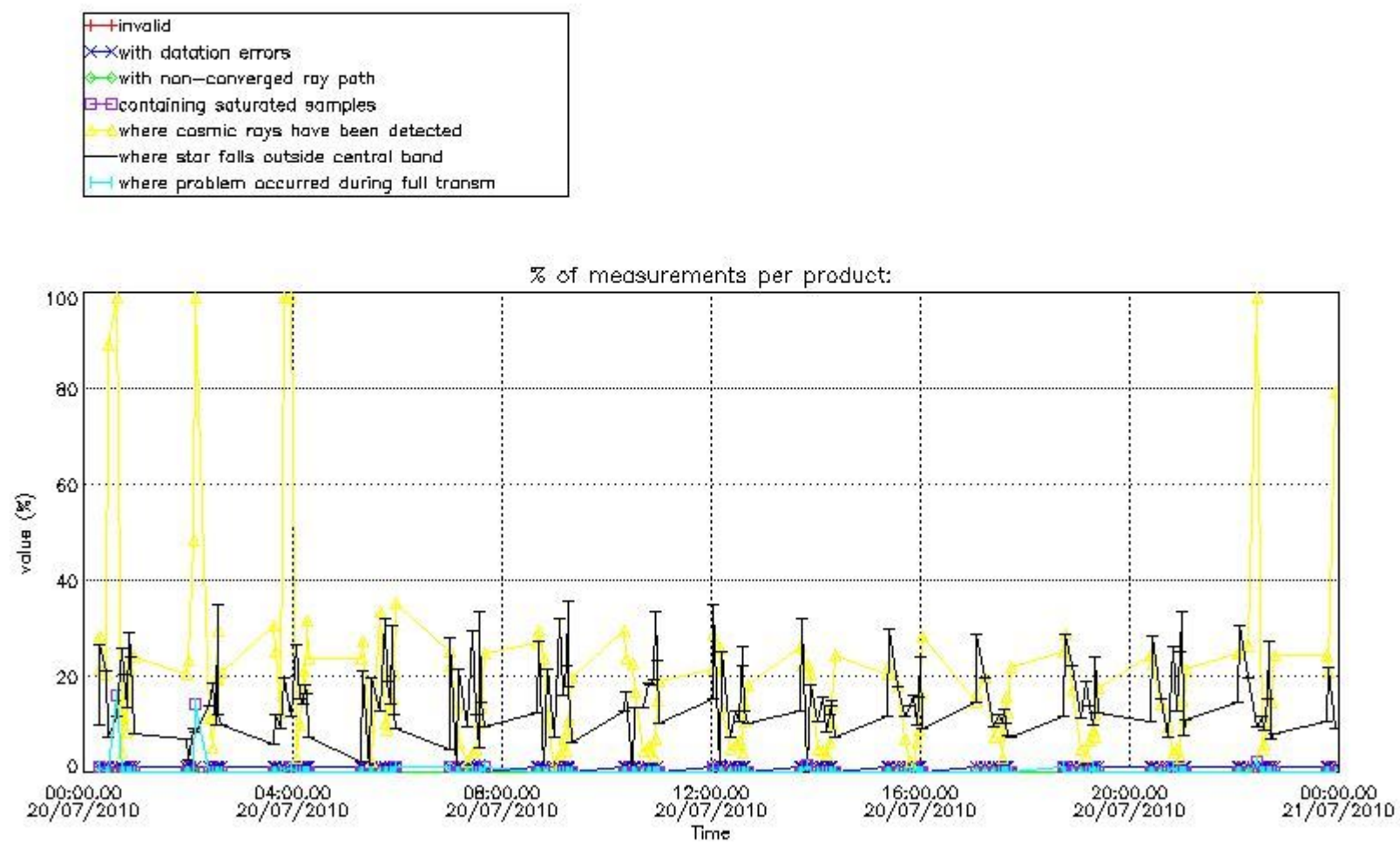
### 4. Level 1 quality information per product

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

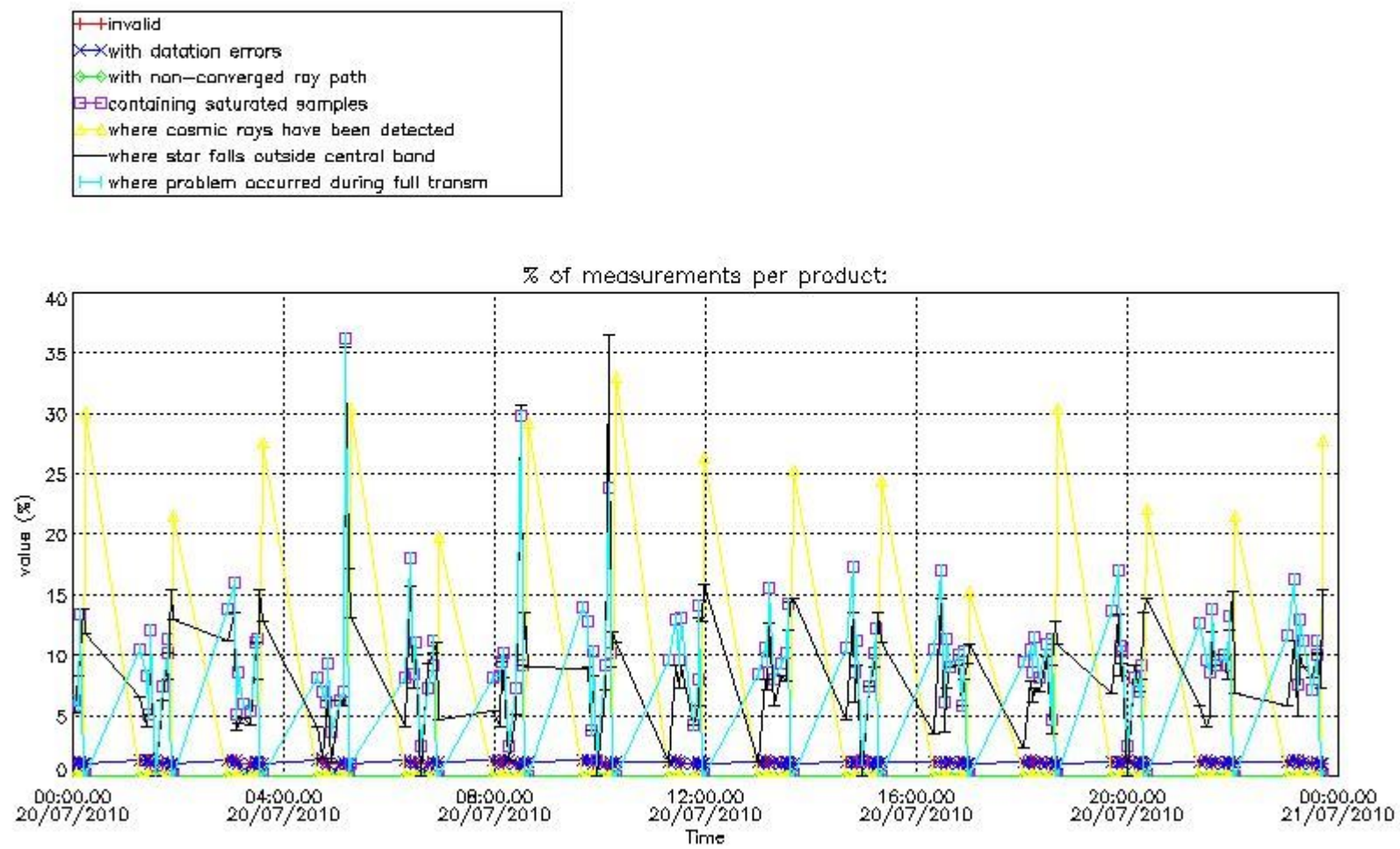
#### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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





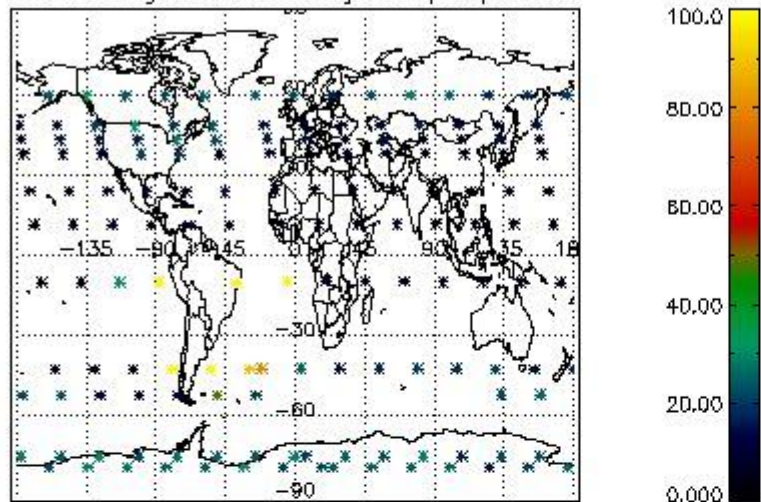
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



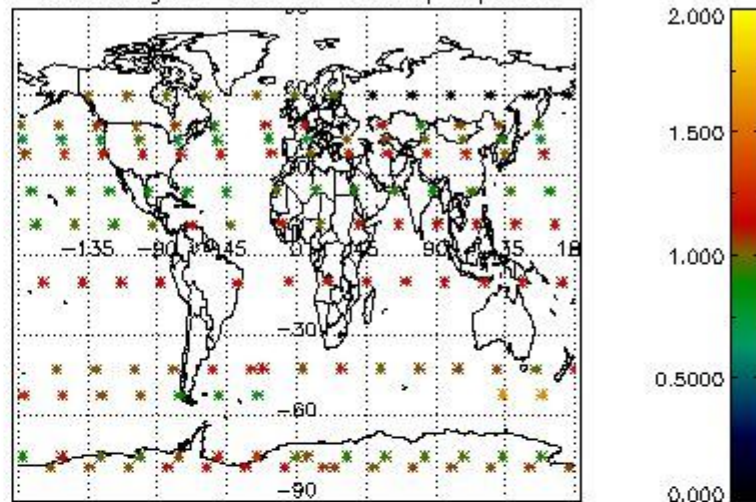
#### 4.2 Plot quality information per product coming from level 1b processing (world map)

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

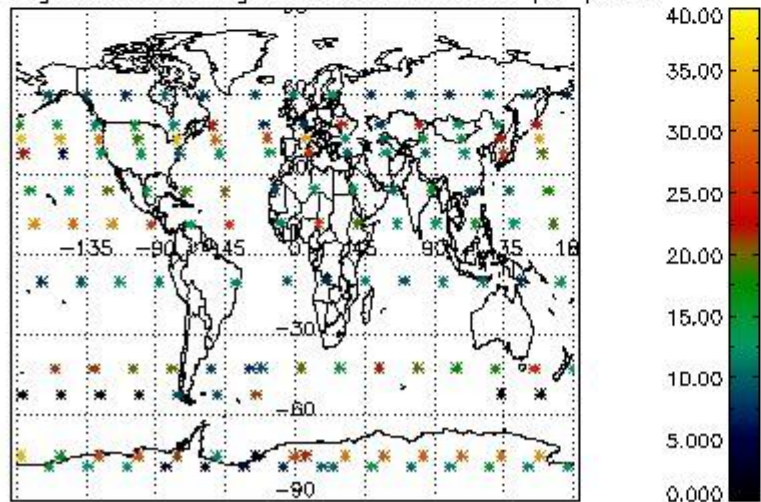
Percentage of cosmic ray hits per profile



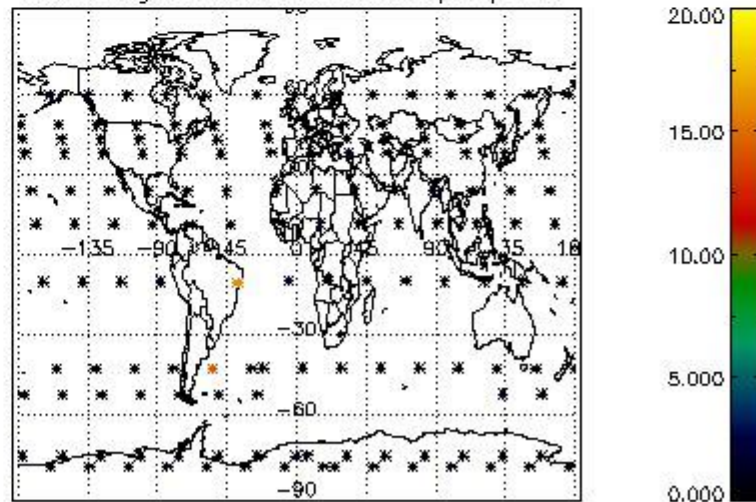
Percentage of datation errors per profile



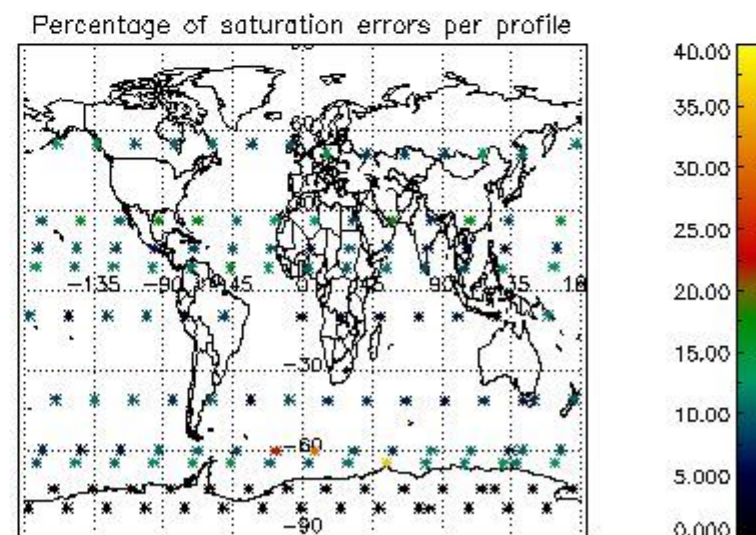
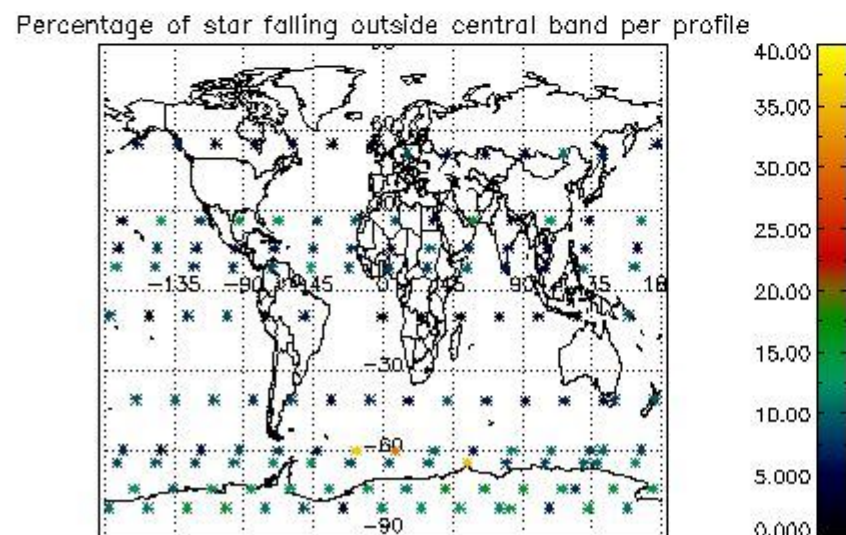
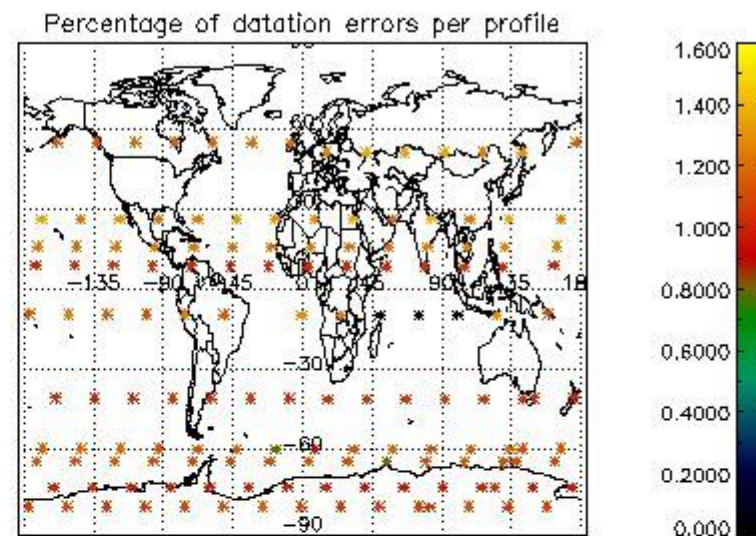
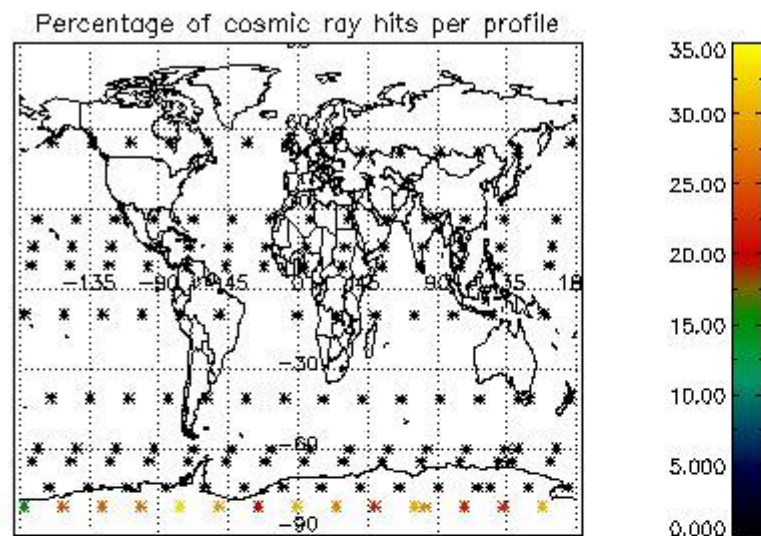
Percentage of star falling outside central band per profile



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

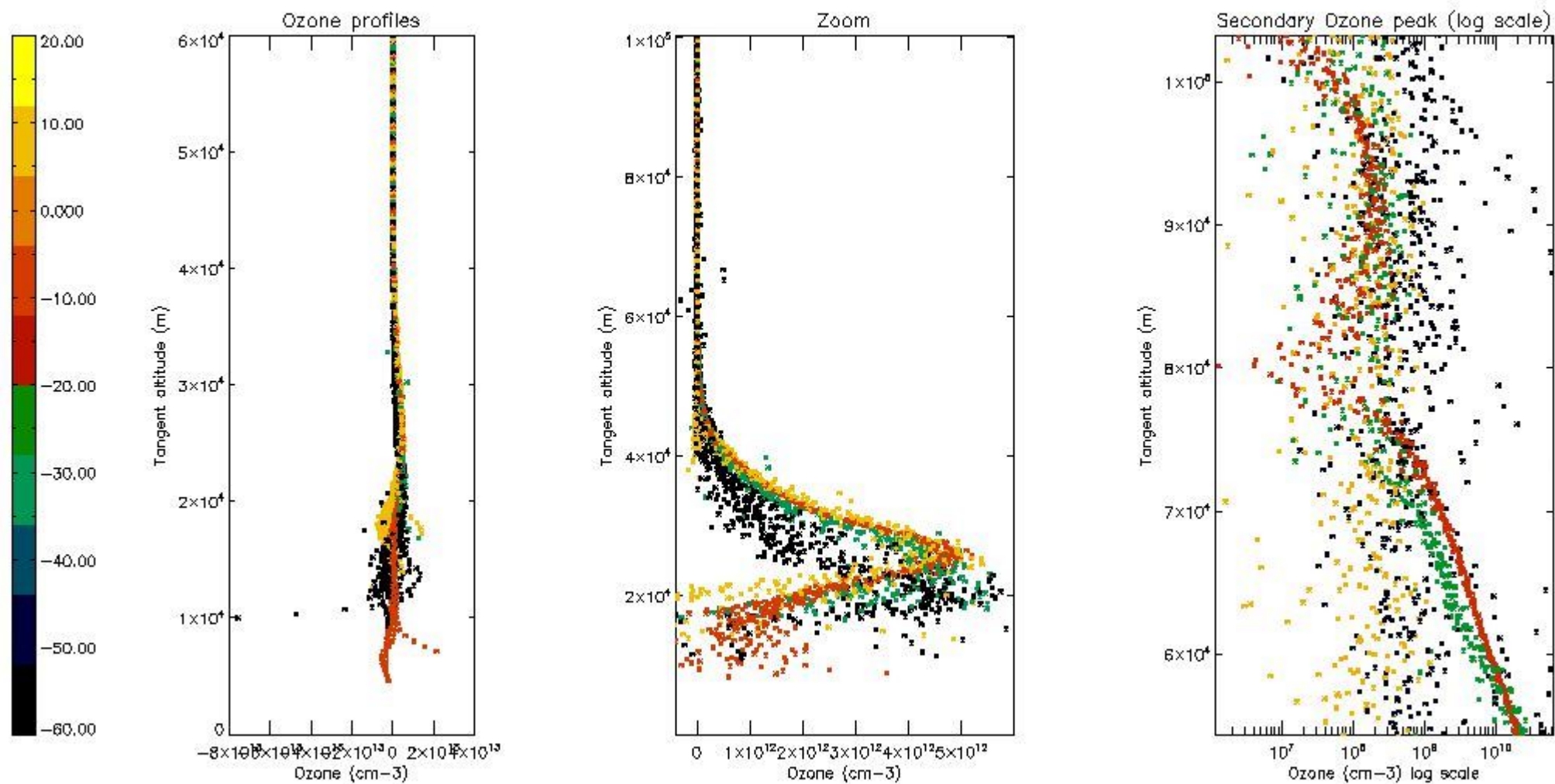
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	23
STD < 20	8

STD < 10	4
STD < 5	2

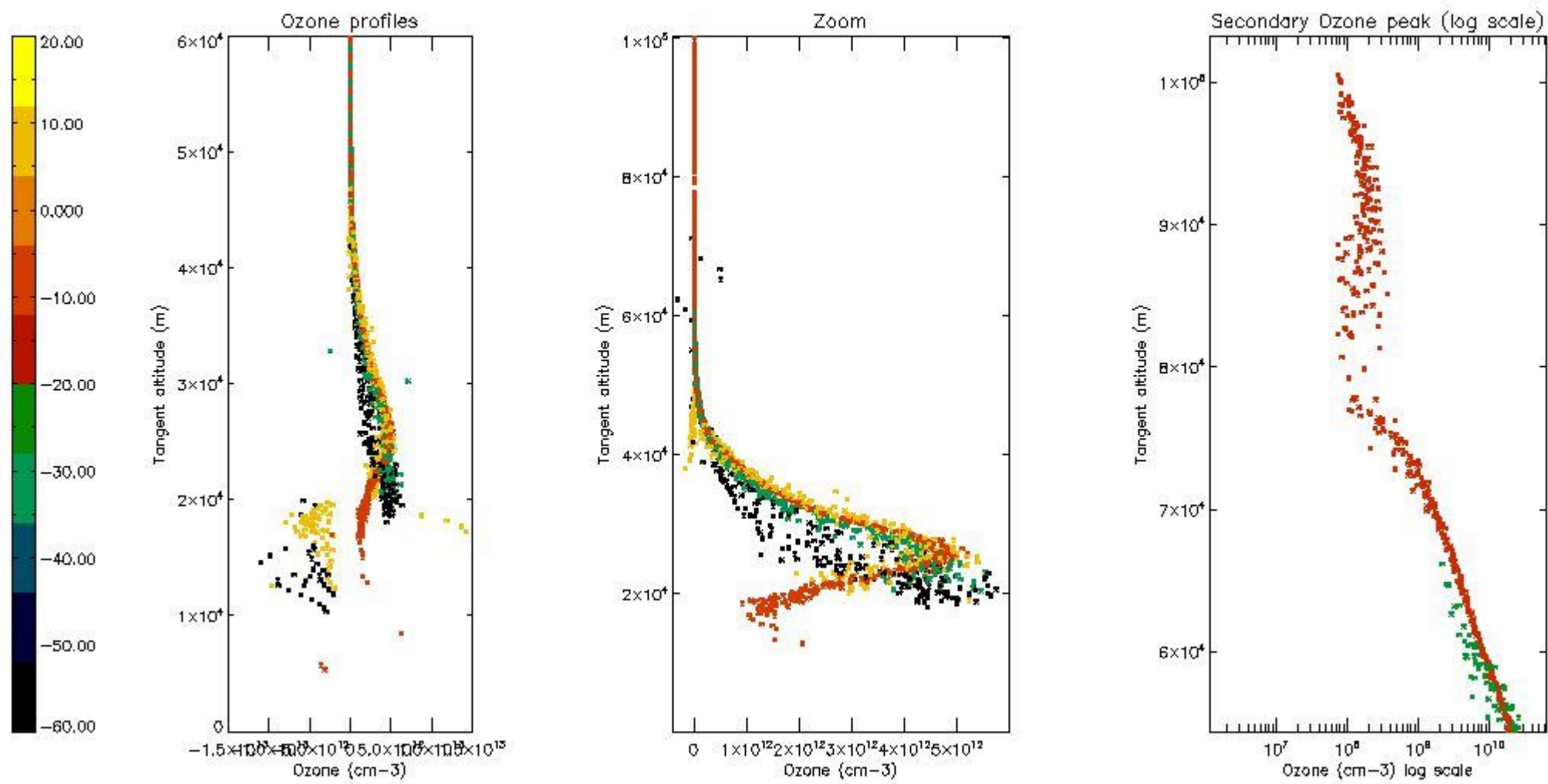
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



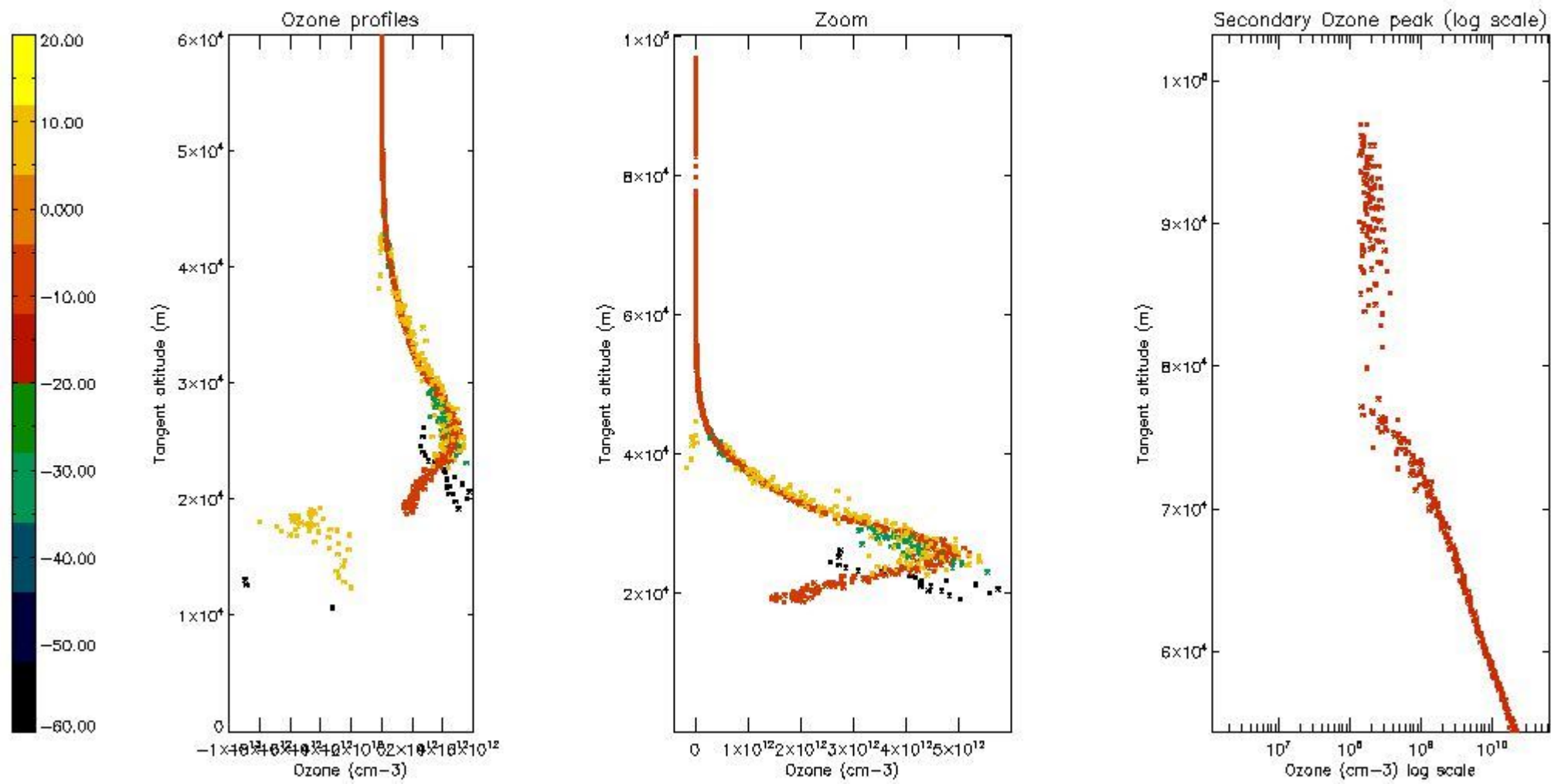
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



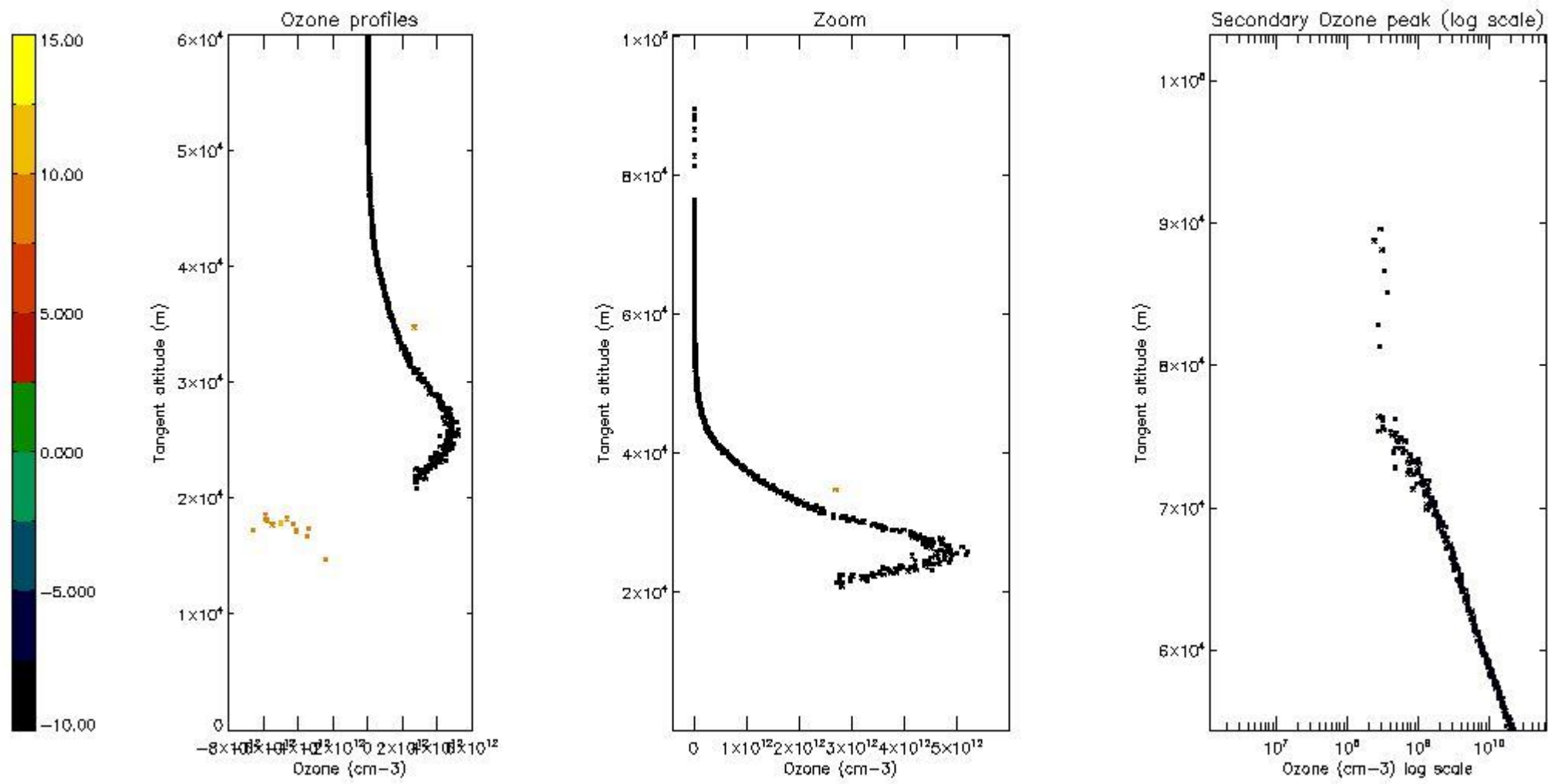
*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



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

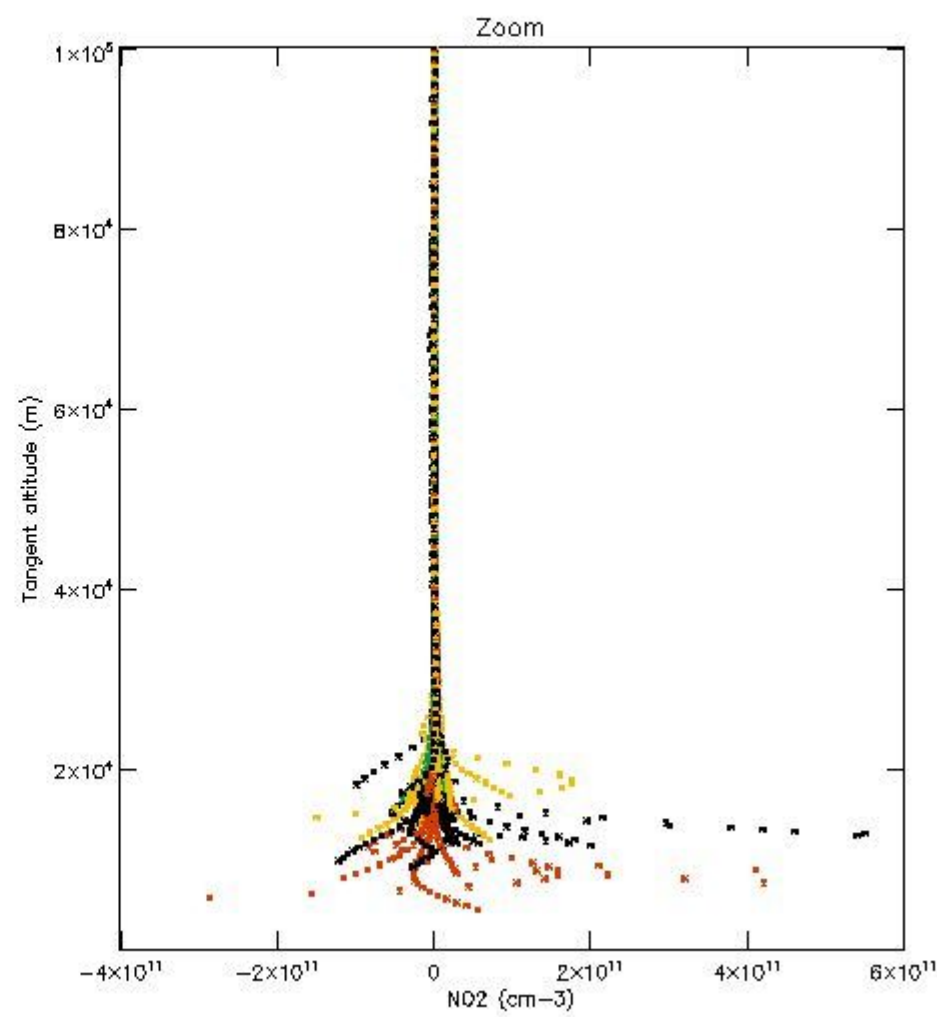
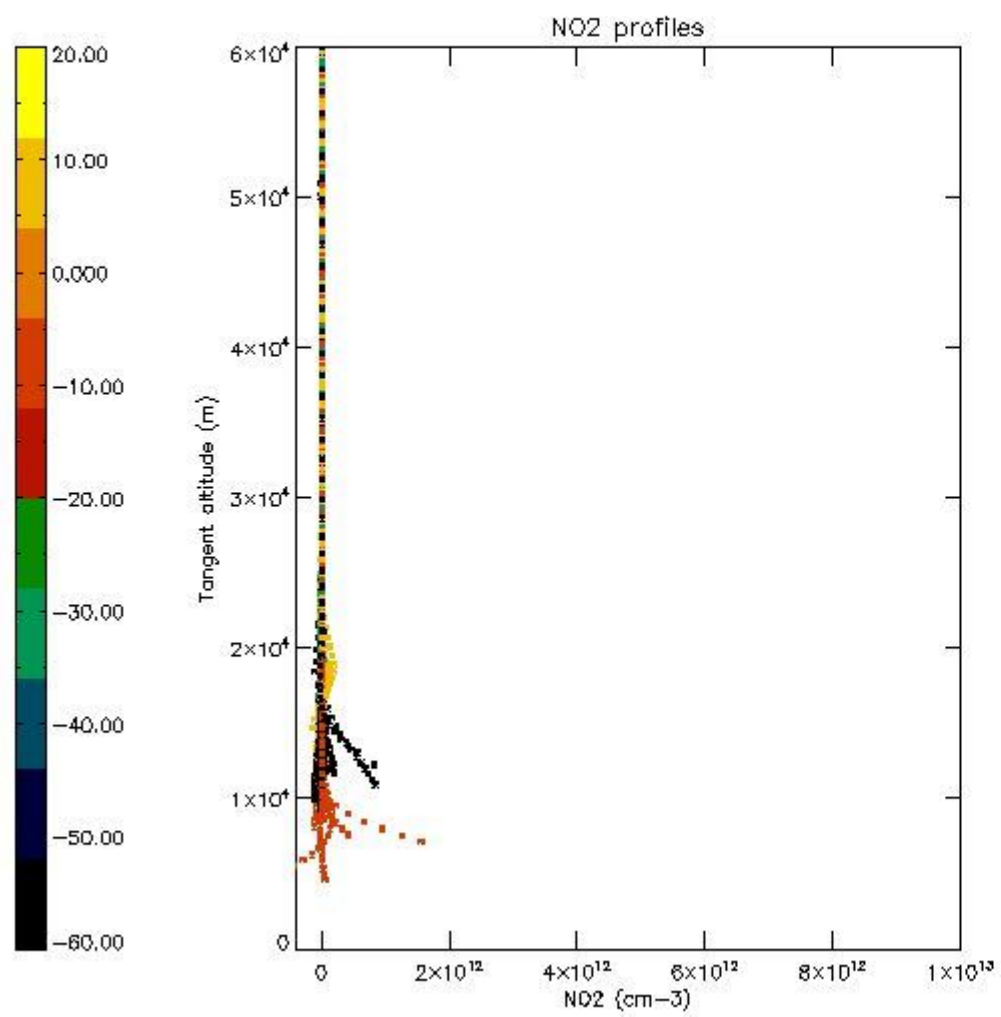
The colorbar represents the latitude.



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

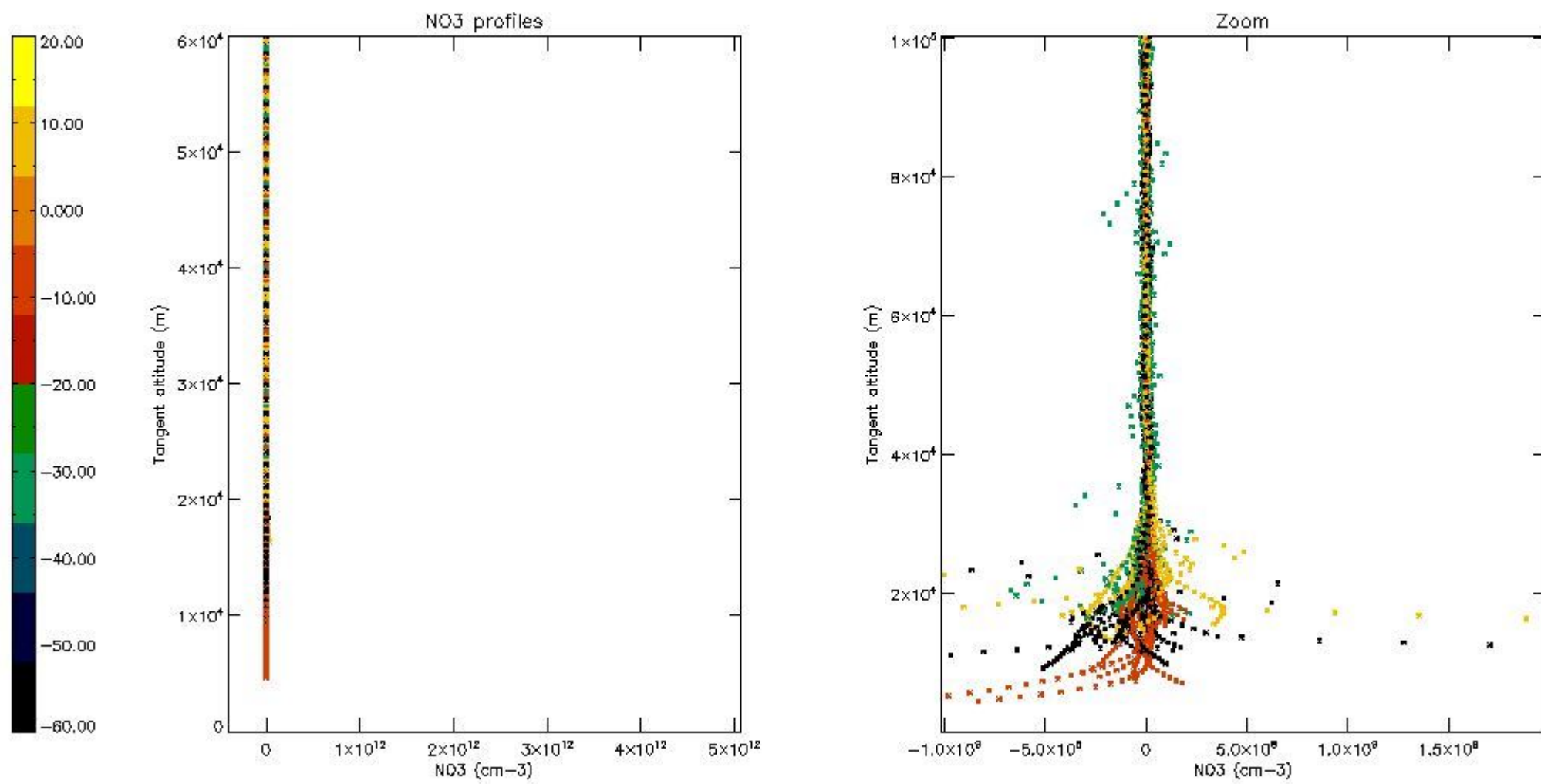
The colorbar represents the latitude.





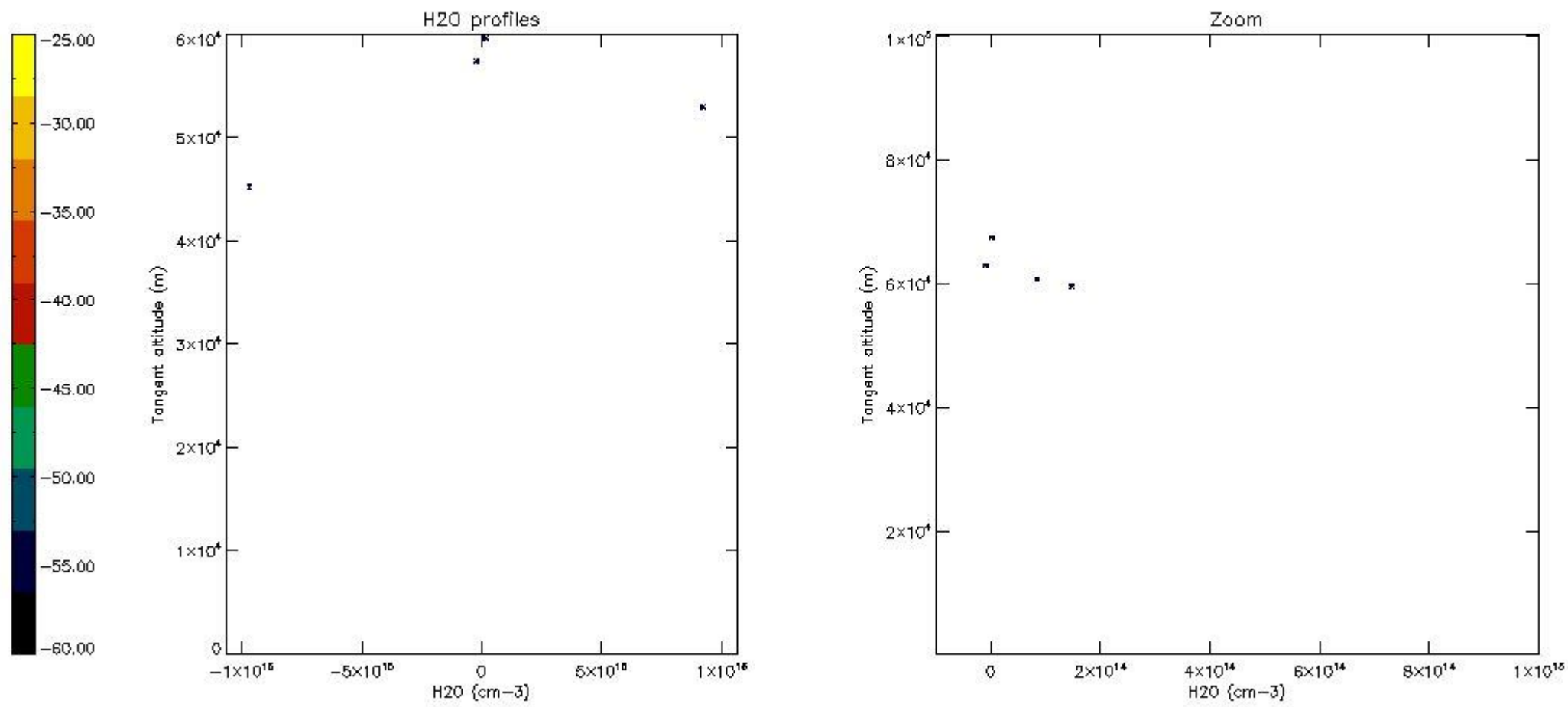
*5.7 Plot NO3 profiles for all STD (dark without errors)*

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	20-JUL-2010 00:01:30
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	20-JUL-2010 00:01:30
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	20-JUL-2010 00:01:30

# 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	29APR2013 13:14:23
Data source version	GOMOS/6.01
Start time of products	20-07-2010 (20JUL2010 00:00:00)
Stop time of products	21-07-2010 (21JUL2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	295
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__2PRFIN20100720_000130_000000482091_00202_43843_4251.N1	20-JUL-2010 00:01:30	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	43843	No
2	GOM_NL__2PRFIN20100720_000651_000000432091_00202_43843_4252.N1	20-JUL-2010 00:06:51	Bright	42.500	160	23Gam Per	2.9300	4700.0	85	43843	No
3	GOM_NL__2PRFIN20100720_000816_000000452091_00202_43843_4253.N1	20-JUL-2010 00:08:16	Bright	45.000	35	33Alp Per	1.7950	6250.0	90	43843	No
4	GOM_NL__2PRFIN20100720_001116_000000512091_00202_43843_4254.N1	20-JUL-2010 00:11:16	Bright	50.500	79	26Bet Per	2.3100	13100.	101	43843	No
5	GOM_NL__2PRFIN20100720_001419_000000472091_00202_43843_4255.N1	20-JUL-2010 00:14:19	Twilight	46.500	150	44Zet Per	2.8900	28000.	93	43843	No
6	GOM_NL__2PRFIN20100720_001700_000000472091_00202_43843_4256.N1	20-JUL-2010 00:17:00	Twilight	46.500	146	25Eta Tau	2.8730	15200.	93	43843	No
7	GOM_NL__2PRFIN20100720_001834_000000512091_00202_43843_4257.N1	20-JUL-2010 00:18:34	Twilight	51.000	13	87Alp Tau	0.86700	3800.0	102	43843	No
8	GOM_NL__2PRFIN20100720_002528_000000642091_00202_43843_4258.N1	20-JUL-2010 00:25:28	Dark	64.000	94	92Alp Cet	2.5260	3100.0	128	43843	No
9	GOM_NL__2PRFIN20100720_002816_000000422091_00202_43843_4259.N1	20-JUL-2010 00:28:16	Dark	41.500	165	34Gam Eri	2.9500	3200.0	83	43843	No
10	GOM_NL__2PRFIN20100720_003724_000000442091_00202_43843_4260.N1	20-JUL-2010 00:37:24	Dark	43.500	157	The1Eri	2.9060	9300.0	87	43843	No
11	GOM_NL__2PRFIN20100720_004328_000000512091_00203_43844_4252.N1	20-JUL-2010 00:43:28	Dark	50.500	9	Alp Eri	0.45300	24000.	101	43844	No
12	GOM_NL__2PRFIN20100720_004654_000000592091_00203_43844_4253.N1	20-JUL-2010 00:46:54	Dark	59.000	84	Alp Phe	2.3970	4500.0	118	43844	No
13	GOM_NL__2PRFIN20100720_005053_000000412091_00203_43844_4254.N1	20-JUL-2010 00:50:53	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	43844	No
14	GOM_NL__2PRFIN20100720_005223_000000612091_00203_43844_4255.N1	20-JUL-2010 00:52:23	Straylight	60.500	63	Bet Gru	2.1500	2800.0	121	43844	No
15	GOM_NL__2PRFIN20100720_005353_000000552091_00203_43844_4256.N1	20-JUL-2010 00:53:53	Straylight	54.500	31	Alp Gru	1.7340	15200.	109	43844	No
16	GOM_NL__2PRFIN20100720_005706_000000502091_00203_43844_4257.N1	20-JUL-2010 00:57:06	Straylight	50.000	172	Gam Gru	3.0030	13100.	100	43844	No
17	GOM_NL__2PRFIN20100720_011608_000000382091_00203_43844_4258.N1	20-JUL-2010 01:16:08	Bright	38.000	168	17Zet Aql	2.9860	11000.	76	43844	No
18	GOM_NL__2PRFIN20100720_012312_000000372091_00203_43844_4259.N1	20-JUL-2010 01:23:12	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	43844	No
19	GOM_NL__2PRFIN20100720_012608_000000402091_00203_43844_4260.N1	20-JUL-2010 01:26:08	Bright	39.500	144	18Del Cyg	2.8600	11000.	79	43844	No
20	GOM_NL__2PRFIN20100720_012811_000000502091_00203_43844_4261.N1	20-JUL-2010 01:28:11	Bright	49.500	19	50Alp Cyg	1.2460	10500.	99	43844	No
21	GOM_NL__2PRFIN20100720_013315_000000392091_00203_43844_4262.N1	20-JUL-2010 01:33:15	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	43844	No
22	GOM_NL__2PRFIN20100720_014205_000000482091_00203_43844_4263.N1	20-JUL-2010 01:42:05	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	43844	No
23	GOM_NL__2PRFIN20100720_014727_000000442091_00203_43844_4264.N1	20-JUL-2010 01:47:27	Bright	44.000	160	23Gam Per	2.9300	4700.0	88	43844	No
24	GOM_NL__2PRFIN20100720_014852_000000442091_00203_43844_4265.N1	20-JUL-2010 01:48:52	Bright	44.000	35	33Alp Per	1.7950	6250.0	88	43844	No
25	GOM_NL__2PRFIN20100720_015152_000000522091_00203_43844_4266.N1	20-JUL-2010 01:51:52	Bright	52.000	79	26Bet Per	2.3100	13100.	104	43844	No
26	GOM_NL__2PRFIN20100720_015455_000000472091_00203_43844_4267.N1	20-JUL-2010 01:54:55	Twilight	46.500	150	44Zet Per	2.8900	28000.	93	43844	No
27	GOM_NL__2PRFIN20100720_015736_000000452091_00203_43844_4268.N1	20-JUL-2010 01:57:36	Twilight	44.500	146	25Eta Tau	2.8730	15200.	89	43844	No
28	GOM_NL__2PRFIN20100720_015911_000000392091_00203_43844_4269.N1	20-JUL-2010 01:59:11	Twilight	38.500	13	87Alp Tau	0.86700	3800.0	77	43844	No
29	GOM_NL__2PRFIN20100720_020605_000000562091_00203_43844_4270.N1	20-JUL-2010 02:06:05	Dark	56.000	94	92Alp Cet	2.5260	3100.0	112	43844	No
30	GOM_NL__2PRFIN20100720_020853_000000422091_00203_43844_4271.N1	20-JUL-2010 02:08:53	Dark	42.000	165	34Gam Eri	2.9500	3200.0	84	43844	No
31	GOM_NL__2PRFIN20100720_022405_000000442091_00204_43845_4262.N1	20-JUL-2010 02:24:05	Dark	44.000	9	Alp Eri	0.45300	24000.	88	43845	No
32	GOM_NL__2PRFIN20100720_022732_000000592091_00204_43845_4263.N1	20-JUL-2010 02:27:32	Dark	59.000	84	Alp Phe	2.3970	4500.0	118	43845	No
33	GOM_NL__2PRFIN20100720_023129_000000412091_00204_43845_4264.N1	20-JUL-2010 02:31:29	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	43845	No
34	GOM_NL__2PRFIN20100720_023300_000000662091_00204_43845_4265.N1	20-JUL-2010 02:33:00	Straylight	66.000	63	Bet Gru	2.1500	2800.0	132	43845	No
35	GOM_NL__2PRFIN20100720_023430_000000472091_00204_43845_4266.N1	20-JUL-2010 02:34:30	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	43845	No
36	GOM_NL__2PRFIN20100720_023743_000000512091_00204_43845_4267.N1	20-JUL-2010 02:37:43	Straylight	51.000	172	Gam Gru	3.0030	13100.	102	43845	No
37	GOM_NL__2PRFIN20100720_025644_000000402091_00204_43845_4268.N1	20-JUL-2010 02:56:44	Bright	40.000	168	17Zet Aql	2.9860	11000.	80	43845	No
38	GOM_NL__2PRFIN20100720_030348_000000412091_00204_43845_4269.N1	20-JUL-2010 03:03:48	Bright	40.500	5	3Alp Lyr	0.033000	11000.	81	43845	No
39	GOM_NL__2PRFIN20100720_030644_000000392091_00204_43845_4270.N1	20-JUL-2010 03:06:44	Bright	39.000	144	18Del Cyg	2.8600	11000.	78	43845	No
40	GOM_NL__2PRFIN20100720_030846_000000472091_00204_43845_4271.N1	20-JUL-2010 03:08:46	Bright	46.500	19	50Alp Cyg	1.2460	10500.	93	43845	No
41	GOM_NL__2PRFIN20100720_031350_000000422091_00204_43845_4272.N1	20-JUL-2010 03:13:50	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	43845	No
42	GOM_NL__2PRFIN20100720_032241_000000472091_00204_43845_4273.N1	20-JUL-2010 03:22:41	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	43845	No

43	GOM_NL__2PRFIN20100720_032802_000000452091_00204_43845_4274.N1	20-JUL-2010 03:28:02	Bright	45.000	160	23Gam Per	2.9300	4700.0	90	43845	No
44	GOM_NL__2PRFIN20100720_032928_000000442091_00204_43845_4275.N1	20-JUL-2010 03:29:28	Bright	44.000	35	33Alp Per	1.7950	6250.0	88	43845	No
45	GOM_NL__2PRFIN20100720_033228_000000522091_00204_43845_4276.N1	20-JUL-2010 03:32:28	Bright	52.000	79	26Bet Per	2.3100	13100.	104	43845	No
46	GOM_NL__2PRFIN20100720_033531_000000472091_00204_43845_4277.N1	20-JUL-2010 03:35:31	Twi_and_stray	47.000	150	44Zet Per	2.8900	28000.	94	43845	No
47	GOM_NL__2PRFIN20100720_033812_000000442091_00204_43845_4278.N1	20-JUL-2010 03:38:12	Twilight	44.000	146	25Eta Tau	2.8730	15200.	88	43845	No
48	GOM_NL__2PRFIN20100720_033947_000000422091_00204_43845_4279.N1	20-JUL-2010 03:39:47	Twilight	42.000	13	87Alp Tau	0.86700	3800.0	84	43845	No
49	GOM_NL__2PRFIN20100720_034642_000000562091_00204_43845_4280.N1	20-JUL-2010 03:46:42	Dark	56.000	94	92Alp Cet	2.5260	3100.0	112	43845	No
50	GOM_NL__2PRFIN20100720_034929_000000492091_00204_43845_4281.N1	20-JUL-2010 03:49:29	Dark	48.500	165	34Gam Eri	2.9500	3200.0	97	43845	No
51	GOM_NL__2PRFIN20100720_035837_000000442091_00204_43845_4282.N1	20-JUL-2010 03:58:37	Dark	43.500	157	The1Eri	2.9060	9300.0	87	43845	No
52	GOM_NL__2PRFIN20100720_040441_000000512091_00205_43846_4292.N1	20-JUL-2010 04:04:41	Dark	51.000	9	Alp Eri	0.45300	24000.	102	43846	No
53	GOM_NL__2PRFIN20100720_040809_000000562091_00205_43846_4293.N1	20-JUL-2010 04:08:09	Dark	56.000	84	Alp Phe	2.3970	4500.0	112	43846	No
54	GOM_NL__2PRFIN20100720_041206_000000432091_00205_43846_4294.N1	20-JUL-2010 04:12:06	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	43846	No
55	GOM_NL__2PRFIN20100720_041337_000000522091_00205_43846_4295.N1	20-JUL-2010 04:13:37	Straylight	52.000	63	Bet Gru	2.1500	2800.0	104	43846	No
56	GOM_NL__2PRFIN20100720_041507_000000492091_00205_43846_4296.N1	20-JUL-2010 04:15:07	Straylight	49.000	31	Alp Gru	1.7340	15200.	98	43846	No
57	GOM_NL__2PRFIN20100720_041820_000000492091_00205_43846_4297.N1	20-JUL-2010 04:18:20	Straylight	49.000	172	Gam Gru	3.0030	13100.	98	43846	No
58	GOM_NL__2PRFIN20100720_043720_000000372091_00205_43846_4298.N1	20-JUL-2010 04:37:20	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	43846	No
59	GOM_NL__2PRFIN20100720_044423_000000362091_00205_43846_4299.N1	20-JUL-2010 04:44:23	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	43846	No
60	GOM_NL__2PRFIN20100720_044720_000000412091_00205_43846_4300.N1	20-JUL-2010 04:47:20	Bright	40.500	144	18Del Cyg	2.8600	11000.	81	43846	No
61	GOM_NL__2PRFIN20100720_044921_000000482091_00205_43846_4301.N1	20-JUL-2010 04:49:21	Bright	48.000	19	50Alp Cyg	1.2460	10500.	96	43846	No
62	GOM_NL__2PRFIN20100720_045426_000000412091_00205_43846_4302.N1	20-JUL-2010 04:54:26	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	43846	No
63	GOM_NL__2PRFIN20100720_050317_000000482091_00205_43846_4303.N1	20-JUL-2010 05:03:17	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	43846	No
64	GOM_NL__2PRFIN20100720_050838_000000432091_00205_43846_4304.N1	20-JUL-2010 05:08:38	Bright	43.000	160	23Gam Per	2.9300	4700.0	86	43846	No
65	GOM_NL__2PRFIN20100720_051003_000000622091_00205_43846_4305.N1	20-JUL-2010 05:10:03	Bright	62.000	35	33Alp Per	1.7950	6250.0	124	43846	No
66	GOM_NL__2PRFIN20100720_051304_000000532091_00205_43846_4306.N1	20-JUL-2010 05:13:04	Bright	52.500	79	26Bet Per	2.3100	13100.	105	43846	No
67	GOM_NL__2PRFIN20100720_051607_000000462091_00205_43846_4307.N1	20-JUL-2010 05:16:07	Twi_and_stray	46.000	150	44Zet Per	2.8900	28000.	92	43846	No
68	GOM_NL__2PRFIN20100720_051849_000000432091_00205_43846_4308.N1	20-JUL-2010 05:18:49	Twilight	42.500	146	25Eta Tau	2.8730	15200.	85	43846	No
69	GOM_NL__2PRFIN20100720_052023_000000482091_00205_43846_4309.N1	20-JUL-2010 05:20:23	Twilight	47.500	13	87Alp Tau	0.86700	3800.0	95	43846	No
70	GOM_NL__2PRFIN20100720_052719_000000482091_00205_43846_4310.N1	20-JUL-2010 05:27:19	Dark	48.000	94	92Alp Cet	2.5260	3100.0	96	43846	No
71	GOM_NL__2PRFIN20100720_053005_000000482091_00205_43846_4311.N1	20-JUL-2010 05:30:05	Dark	48.000	165	34Gam Eri	2.9500	3200.0	96	43846	No
72	GOM_NL__2PRFIN20100720_053914_000000442091_00205_43846_4312.N1	20-JUL-2010 05:39:14	Dark	43.500	157	The1Eri	2.9060	9300.0	87	43846	No
73	GOM_NL__2PRFIN20100720_054518_000000552091_00206_43847_4302.N1	20-JUL-2010 05:45:18	Dark	54.500	9	Alp Eri	0.45300	24000.	109	43847	No
74	GOM_NL__2PRFIN20100720_054846_000000582091_00206_43847_4303.N1	20-JUL-2010 05:48:46	Dark	58.000	84	Alp Phe	2.3970	4500.0	116	43847	No
75	GOM_NL__2PRFIN20100720_055242_000000432091_00206_43847_4304.N1	20-JUL-2010 05:52:42	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	43847	No
76	GOM_NL__2PRFIN20100720_055414_000000622091_00206_43847_4305.N1	20-JUL-2010 05:54:14	Straylight	62.000	63	Bet Gru	2.1500	2800.0	124	43847	No
77	GOM_NL__2PRFIN20100720_055543_000000472091_00206_43847_4306.N1	20-JUL-2010 05:55:43	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	43847	No
78	GOM_NL__2PRFIN20100720_055856_000000502091_00206_43847_4307.N1	20-JUL-2010 05:58:56	Straylight	49.500	172	Gam Gru	3.0030	13100.	99	43847	No
79	GOM_NL__2PRFIN20100720_061756_000000372091_00206_43847_4308.N1	20-JUL-2010 06:17:56	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	43847	No
80	GOM_NL__2PRFIN20100720_062459_000000422091_00206_43847_4309.N1	20-JUL-2010 06:24:59	Bright	41.500	5	3Alp Lyr	0.033000	11000.	83	43847	No
81	GOM_NL__2PRFIN20100720_062755_000000422091_00206_43847_4310.N1	20-JUL-2010 06:27:55	Bright	41.500	144	18Del Cyg	2.8600	11000.	83	43847	No
82	GOM_NL__2PRFIN20100720_062957_000000502091_00206_43847_4311.N1	20-JUL-2010 06:29:57	Bright	49.500	19	50Alp Cyg	1.2460	10500.	99	43847	No
83	GOM_NL__2PRFIN20100720_063501_000000402091_00206_43847_4312.N1	20-JUL-2010 06:35:01	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	43847	No
84	GOM_NL__2PRFIN20100720_064352_000000492091_00206_43847_4313.N1	20-JUL-2010 06:43:52	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	43847	No
85	GOM_NL__2PRFIN20100720_064914_000000442091_00206_43847_4314.N1	20-JUL-2010 06:49:14	Bright	44.000	160	23Gam Per	2.9300	4700.0	88	43847	No
86	GOM_NL__2PRFIN20100720_065039_000000452091_00206_43847_4315.N1	20-JUL-2010 06:50:39	Bright	44.500	35	33Alp Per	1.7950	6250.0	89	43847	No
87	GOM_NL__2PRFIN20100720_065340_000000502091_00206_43847_4316.N1	20-JUL-2010 06:53:40	Bright	50.000	79	26Bet Per	2.3100	13100.	100	43847	No
88	GOM_NL__2PRFIN20100720_065643_000000432091_00206_43847_4317.N1	20-JUL-2010 06:56:43	Twi_and_stray	43.000	150	44Zet Per	2.8900	28000.	86	43847	No
89	GOM_NL__2PRFIN20100720_065925_000000442091_00206_43847_4318.N1	20-JUL-2010 06:59:25	Twilight	44.000	146	25Eta Tau	2.8730	15200.	88	43847	No
90	GOM_NL__2PRFIN20100720_070059_000000522091_00206_43847_4319.N1	20-JUL-2010 07:00:59	Twilight	52.000	13	87Alp Tau	0.86700	3800.0	104	43847	No
91	GOM_NL__2PRFIN20100720_070755_000000482091_00206_43847_4320.N1	20-JUL-2010 07:07:55	Dark	48.000	94	92Alp Cet	2.5260	3100.0	96	43847	No
92	GOM_NL__2PRFIN20100720_071042_000000492091_00206_43847_4321.N1	20-JUL-2010 07:10:42	Dark	49.000	165	34Gam Eri	2.9500	3200.0	98	43847	No
93	GOM_NL__2PRFIN20100720_071951_000000432091_00206_43847_4322.N1	20-JUL-2010 07:19:51	Dark	42.500	157	The1Eri	2.9060	9300.0	85	43847	No
94	GOM_NL__2PRFIN20100720_072555_000000512091_00207_43848_4329.N1	20-JUL-2010 07:25:55	Dark	51.000	9	Alp Eri	0.45300	24000.	102	43848	No
95	GOM_NL__2PRFIN20100720_072923_000000542091_00207_43848_4330.N1	20-JUL-2010 07:29:23	Dark	54.000	84	Alp Phe	2.3970	4500.0	108	43848	No
96	GOM_NL__2PRFIN20100720_073319_000000392091_00207_43848_4331.N1	20-JUL-2010 07:33:19	Straylight	39.000	148	Alp Tuc	2.8780	4100.0	78	43848	No
97	GOM_NL__2PRFIN20100720_073450_000000652091_00207_43848_4332.N1	20-JUL-2010 07:34:50	Straylight	64.500	63	Bet Gru	2.1500	2800.0	129	43848	No
98	GOM_NL__2PRFIN20100720_073620_000000482091_00207_43848_4333.N1	20-JUL-2010 07:36:20	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	43848	No
99	GOM_NL__2PRFIN20100720_073933_000000492091_00207_43848_4334.N1	20-JUL-2010 07:39:33	Straylight	48.500	172	Gam Gru	3.0030	13100.	97	43848	No
100	GOM_NL__2PRFIN20100720_075831_000000372091_00207_43848_4335.N1	20-JUL-2010 07:58:31	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	43848	No
101	GOM_NL__2PRFIN20100720_080535_000000372091_00207_43848_4336.N1	20-JUL-2010 08:05:35	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	43848	No

102	GOM_NL__2PRFIN20100720_080831_000000422091_00207_43848_4337.N1	20-JUL-2010 08:08:31	Bright	42.000	144	18Del Cyg	2.8600	11000.	84	43848	No
103	GOM_NL__2PRFIN20100720_081032_000000492091_00207_43848_4338.N1	20-JUL-2010 08:10:32	Bright	49.000	19	50Alp Cyg	1.2460	10500.	98	43848	No
104	GOM_NL__2PRFIN20100720_081537_000000402091_00207_43848_4339.N1	20-JUL-2010 08:15:37	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	43848	No
105	GOM_NL__2PRFIN20100720_082427_000000492091_00207_43848_4340.N1	20-JUL-2010 08:24:27	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	43848	No
106	GOM_NL__2PRFIN20100720_082950_000000572091_00207_43848_4341.N1	20-JUL-2010 08:29:50	Bright	57.000	160	23Gam Per	2.9300	4700.0	114	43848	No
107	GOM_NL__2PRFIN20100720_083115_000000442091_00207_43848_4342.N1	20-JUL-2010 08:31:15	Bright	43.500	35	33Alp Per	1.7950	6250.0	87	43848	No
108	GOM_NL__2PRFIN20100720_083416_000000522091_00207_43848_4343.N1	20-JUL-2010 08:34:16	Bright	51.500	79	26Bet Per	2.3100	13100.	103	43848	No
109	GOM_NL__2PRFIN20100720_083720_000000452091_00207_43848_4344.N1	20-JUL-2010 08:37:20	Twilight	44.500	150	44Zet Per	2.8900	28000.	89	43848	No
110	GOM_NL__2PRFIN20100720_084001_000000482091_00207_43848_4345.N1	20-JUL-2010 08:40:01	Twilight	48.000	146	25Eta Tau	2.8730	15200.	96	43848	No
111	GOM_NL__2PRFIN20100720_084136_000000512091_00207_43848_4346.N1	20-JUL-2010 08:41:36	Twilight	51.000	13	87Alp Tau	0.86700	3800.0	102	43848	No
112	GOM_NL__2PRFIN20100720_084832_000000402091_00207_43848_4347.N1	20-JUL-2010 08:48:32	Dark	40.000	94	92Alp Cet	2.5260	3100.0	80	43848	No
113	GOM_NL__2PRFIN20100720_085119_000000492091_00207_43848_4348.N1	20-JUL-2010 08:51:19	Dark	49.000	165	34Gam Eri	2.9500	3200.0	98	43848	No
114	GOM_NL__2PRFIN20100720_090028_000000422091_00207_43848_4349.N1	20-JUL-2010 09:00:28	Dark	41.500	157	The1Eri	2.9060	9300.0	83	43848	No
115	GOM_NL__2PRFIN20100720_090631_000000552091_00208_43849_4356.N1	20-JUL-2010 09:06:31	Dark	55.000	9	Alp Eri	0.45300	24000.	110	43849	No
116	GOM_NL__2PRFIN20100720_091000_000000572091_00208_43849_4357.N1	20-JUL-2010 09:10:00	Dark	56.500	84	Alp Phe	2.3970	4500.0	113	43849	No
117	GOM_NL__2PRFIN20100720_091356_000000472091_00208_43849_4358.N1	20-JUL-2010 09:13:56	Straylight	47.000	148	Alp Tuc	2.8780	4100.0	94	43849	No
118	GOM_NL__2PRFIN20100720_091527_000000662091_00208_43849_4359.N1	20-JUL-2010 09:15:27	Straylight	66.000	63	Bet Gru	2.1500	2800.0	132	43849	No
119	GOM_NL__2PRFIN20100720_091656_000000512091_00208_43849_4360.N1	20-JUL-2010 09:16:56	Straylight	50.500	31	Alp Gru	1.7340	15200.	101	43849	No
120	GOM_NL__2PRFIN20100720_092009_000000482091_00208_43849_4361.N1	20-JUL-2010 09:20:09	Straylight	48.000	172	Gam Gru	3.0030	13100.	96	43849	No
121	GOM_NL__2PRFIN20100720_093907_000000402091_00208_43849_4362.N1	20-JUL-2010 09:39:07	Bright	39.500	168	17Zet Aql	2.9860	11000.	79	43849	No
122	GOM_NL__2PRFIN20100720_094611_000000392091_00208_43849_4363.N1	20-JUL-2010 09:46:11	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	43849	No
123	GOM_NL__2PRFIN20100720_094906_000000402091_00208_43849_4364.N1	20-JUL-2010 09:49:06	Bright	39.500	144	18Del Cyg	2.8600	11000.	79	43849	No
124	GOM_NL__2PRFIN20100720_095107_000000492091_00208_43849_4365.N1	20-JUL-2010 09:51:07	Bright	48.500	19	50Alp Cyg	1.2460	10500.	97	43849	No
125	GOM_NL__2PRFIN20100720_095612_000000392091_00208_43849_4366.N1	20-JUL-2010 09:56:12	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	43849	No
126	GOM_NL__2PRFIN20100720_100503_000000492091_00208_43849_4367.N1	20-JUL-2010 10:05:03	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	43849	No
127	GOM_NL__2PRFIN20100720_101025_000000632091_00208_43849_4368.N1	20-JUL-2010 10:10:25	Bright	63.000	160	23Gam Per	2.9300	4700.0	126	43849	No
128	GOM_NL__2PRFIN20100720_101151_000000452091_00208_43849_4369.N1	20-JUL-2010 10:11:51	Bright	44.500	35	33Alp Per	1.7950	6250.0	89	43849	No
129	GOM_NL__2PRFIN20100720_101452_000000512091_00208_43849_4370.N1	20-JUL-2010 10:14:52	Bright	50.500	79	26Bet Per	2.3100	13100.	101	43849	No
130	GOM_NL__2PRFIN20100720_101756_000000462091_00208_43849_4371.N1	20-JUL-2010 10:17:56	Twilight	45.500	150	44Zet Per	2.8900	28000.	91	43849	No
131	GOM_NL__2PRFIN20100720_102037_000000482091_00208_43849_4372.N1	20-JUL-2010 10:20:37	Twilight	47.500	146	25Eta Tau	2.8730	15200.	95	43849	No
132	GOM_NL__2PRFIN20100720_102212_000000452091_00208_43849_4373.N1	20-JUL-2010 10:22:12	Twilight	44.500	13	87Alp Tau	0.86700	3800.0	89	43849	No
133	GOM_NL__2PRFIN20100720_102909_000000402091_00208_43849_4374.N1	20-JUL-2010 10:29:09	Dark	40.000	94	92Alp Cet	2.5260	3100.0	80	43849	No
134	GOM_NL__2PRFIN20100720_103155_000000452091_00208_43849_4375.N1	20-JUL-2010 10:31:55	Dark	45.000	165	34Gam Eri	2.9500	3200.0	90	43849	No
135	GOM_NL__2PRFIN20100720_104104_000000452091_00208_43849_4376.N1	20-JUL-2010 10:41:04	Dark	44.500	157	The1Eri	2.9060	9300.0	89	43849	No
136	GOM_NL__2PRFIN20100720_104708_000000462091_00209_43850_4409.N1	20-JUL-2010 10:47:08	Dark	45.500	9	Alp Eri	0.45300	24000.	91	43850	No
137	GOM_NL__2PRFIN20100720_105037_000000582091_00209_43850_4410.N1	20-JUL-2010 10:50:37	Dark	57.500	84	Alp Phe	2.3970	4500.0	115	43850	No
138	GOM_NL__2PRFIN20100720_105432_000000452091_00209_43850_4411.N1	20-JUL-2010 10:54:32	Straylight	44.500	148	Alp Tuc	2.8780	4100.0	89	43850	No
139	GOM_NL__2PRFIN20100720_105604_000000652091_00209_43850_4412.N1	20-JUL-2010 10:56:04	Straylight	64.500	63	Bet Gru	2.1500	2800.0	129	43850	No
140	GOM_NL__2PRFIN20100720_105733_000000542091_00209_43850_4413.N1	20-JUL-2010 10:57:33	Straylight	54.000	31	Alp Gru	1.7340	15200.	108	43850	No
141	GOM_NL__2PRFIN20100720_110046_000000502091_00209_43850_4414.N1	20-JUL-2010 11:00:46	Straylight	50.000	172	Gam Gru	3.0030	13100.	100	43850	No
142	GOM_NL__2PRFIN20100720_111840_000000422091_00209_43850_4415.N1	20-JUL-2010 11:18:40	Bright	41.500	11	53Alp Aql	0.76500	8000.0	83	43850	No
143	GOM_NL__2PRFIN20100720_112647_000000392091_00209_43850_4416.N1	20-JUL-2010 11:26:47	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	43850	No
144	GOM_NL__2PRFIN20100720_112942_000000422091_00209_43850_4417.N1	20-JUL-2010 11:29:42	Bright	41.500	144	18Del Cyg	2.8600	11000.	83	43850	No
145	GOM_NL__2PRFIN20100720_113142_000000502091_00209_43850_4418.N1	20-JUL-2010 11:31:42	Bright	49.500	19	50Alp Cyg	1.2460	10500.	99	43850	No
146	GOM_NL__2PRFIN20100720_114538_000000482091_00209_43850_4419.N1	20-JUL-2010 11:45:38	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	43850	No
147	GOM_NL__2PRFIN20100720_115101_000000442091_00209_43850_4420.N1	20-JUL-2010 11:51:01	Bright	43.500	160	23Gam Per	2.9300	4700.0	87	43850	No
148	GOM_NL__2PRFIN20100720_115227_000000462091_00209_43850_4421.N1	20-JUL-2010 11:52:27	Bright	46.000	35	33Alp Per	1.7950	6250.0	92	43850	No
149	GOM_NL__2PRFIN20100720_115528_000000512091_00209_43850_4422.N1	20-JUL-2010 11:55:28	Bright	51.000	79	26Bet Per	2.3100	13100.	102	43850	No
150	GOM_NL__2PRFIN20100720_115832_000000482091_00209_43850_4423.N1	20-JUL-2010 11:58:32	Twilight	47.500	150	44Zet Per	2.8900	28000.	95	43850	No
151	GOM_NL__2PRFIN20100720_120113_000000492091_00209_43850_4424.N1	20-JUL-2010 12:01:13	Twilight	49.000	146	25Eta Tau	2.8730	15200.	98	43850	No
152	GOM_NL__2PRFIN20100720_120248_000000562091_00209_43850_4425.N1	20-JUL-2010 12:02:48	Twilight	56.000	13	87Alp Tau	0.86700	3800.0	112	43850	No
153	GOM_NL__2PRFIN20100720_120946_000000312091_00209_43850_4426.N1	20-JUL-2010 12:09:46	Dark	31.000	94	92Alp Cet	2.5260	3100.0	62	43850	No
154	GOM_NL__2PRFIN20100720_121232_000000522091_00209_43850_4427.N1	20-JUL-2010 12:12:32	Dark	51.500	165	34Gam Eri	2.9500	3200.0	103	43850	No
155	GOM_NL__2PRFIN20100720_122141_000000422091_00209_43850_4428.N1	20-JUL-2010 12:21:41	Dark	42.000	157	The1Eri	2.9060	9300.0	84	43850	No
156	GOM_NL__2PRFIN20100720_122744_000000432091_00210_43851_4436.N1	20-JUL-2010 12:27:44	Dark	43.000	9	Alp Eri	0.45300	24000.	86	43851	No
157	GOM_NL__2PRFIN20100720_123114_000000532091_00210_43851_4437.N1	20-JUL-2010 12:31:14	Dark	53.000	84	Alp Phe	2.3970	4500.0	106	43851	No
158	GOM_NL__2PRFIN20100720_123508_000000502091_00210_43851_4438.N1	20-JUL-2010 12:35:08	Straylight	49.500	148	Alp Tuc	2.8780	4100.0	99	43851	No
159	GOM_NL__2PRFIN20100720_123640_000000552091_00210_43851_4439.N1	20-JUL-2010 12:36:40	Straylight	54.500	63	Bet Gru	2.1500	2800.0	109	43851	No
160	GOM_NL__2PRFIN20100720_123809_000000482091_00210_43851_4440.N1	20-JUL-2010 12:38:09	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	43851	No

161	GOM_NL__2PRFIN20100720_124123_000000502091_00210_43851_4441.N1	20-JUL-2010 12:41:23	Straylight	49.500	172	Gam Gru	3.0030	13100.	99	43851	No
162	GOM_NL__2PRFIN20100720_125916_000000422091_00210_43851_4442.N1	20-JUL-2010 12:59:16	Bright	41.500	11	53Alp Aql	0.76500	8000.0	83	43851	No
163	GOM_NL__2PRFIN20100720_130722_000000382091_00210_43851_4443.N1	20-JUL-2010 13:07:22	Bright	37.500	5	3Alp Lyr	0.033000	11000.	75	43851	No
164	GOM_NL__2PRFIN20100720_131017_000000422091_00210_43851_4444.N1	20-JUL-2010 13:10:17	Bright	42.000	144	18Del Cyg	2.8600	11000.	84	43851	No
165	GOM_NL__2PRFIN20100720_131217_000000522091_00210_43851_4445.N1	20-JUL-2010 13:12:17	Bright	51.500	19	50Alp Cyg	1.2460	10500.	103	43851	No
166	GOM_NL__2PRFIN20100720_131723_000000442091_00210_43851_4446.N1	20-JUL-2010 13:17:23	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	43851	No
167	GOM_NL__2PRFIN20100720_132613_000000492091_00210_43851_4447.N1	20-JUL-2010 13:26:13	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	43851	No
168	GOM_NL__2PRFIN20100720_133137_000000452091_00210_43851_4448.N1	20-JUL-2010 13:31:37	Bright	44.500	160	23Gam Per	2.9300	4700.0	89	43851	No
169	GOM_NL__2PRFIN20100720_133302_000000462091_00210_43851_4449.N1	20-JUL-2010 13:33:02	Bright	45.500	35	33Alp Per	1.7950	6250.0	91	43851	No
170	GOM_NL__2PRFIN20100720_133603_000000522091_00210_43851_4450.N1	20-JUL-2010 13:36:03	Bright	52.000	79	26Bet Per	2.3100	13100.	104	43851	No
171	GOM_NL__2PRFIN20100720_133907_000000482091_00210_43851_4451.N1	20-JUL-2010 13:39:07	Tw_i_and_stray	47.500	150	44Zet Per	2.8900	28000.	95	43851	No
172	GOM_NL__2PRFIN20100720_134149_000000482091_00210_43851_4452.N1	20-JUL-2010 13:41:49	Twilight	47.500	146	25Eta Tau	2.8730	15200.	95	43851	No
173	GOM_NL__2PRFIN20100720_134324_000000552091_00210_43851_4453.N1	20-JUL-2010 13:43:24	Twilight	54.500	13	87Alp Tau	0.86700	3800.0	109	43851	No
174	GOM_NL__2PRFIN20100720_135023_000000312091_00210_43851_4454.N1	20-JUL-2010 13:50:23	Dark	31.000	94	92Alp Cet	2.5260	3100.0	62	43851	No
175	GOM_NL__2PRFIN20100720_135308_000000472091_00210_43851_4455.N1	20-JUL-2010 13:53:08	Dark	47.000	165	34Gam Eri	2.9500	3200.0	94	43851	No
176	GOM_NL__2PRFIN20100720_140217_000000432091_00210_43851_4456.N1	20-JUL-2010 14:02:17	Dark	43.000	157	The1Eri	2.9060	9300.0	86	43851	No
177	GOM_NL__2PRFIN20100720_140821_000000452091_00211_43852_4472.N1	20-JUL-2010 14:08:21	Dark	44.500	9	Alp Eri	0.45300	24000.	89	43852	No
178	GOM_NL__2PRFIN20100720_141151_000000532091_00211_43852_4473.N1	20-JUL-2010 14:11:51	Dark	53.000	84	Alp Phe	2.3970	4500.0	106	43852	No
179	GOM_NL__2PRFIN20100720_141545_000000422091_00211_43852_4474.N1	20-JUL-2010 14:15:45	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	43852	No
180	GOM_NL__2PRFIN20100720_141717_000000502091_00211_43852_4475.N1	20-JUL-2010 14:17:17	Straylight	50.000	63	Bet Gru	2.1500	2800.0	100	43852	No
181	GOM_NL__2PRFIN20100720_141846_000000482091_00211_43852_4476.N1	20-JUL-2010 14:18:46	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	43852	No
182	GOM_NL__2PRFIN20100720_142159_000000492091_00211_43852_4477.N1	20-JUL-2010 14:21:59	Straylight	49.000	172	Gam Gru	3.0030	13100.	98	43852	No
183	GOM_NL__2PRFIN20100720_143952_000000432091_00211_43852_4478.N1	20-JUL-2010 14:39:52	Bright	42.500	11	53Alp Aql	0.76500	8000.0	85	43852	No
184	GOM_NL__2PRFIN20100720_144758_000000412091_00211_43852_4479.N1	20-JUL-2010 14:47:58	Bright	40.500	5	3Alp Lyr	0.033000	11000.	81	43852	No
185	GOM_NL__2PRFIN20100720_145053_000000412091_00211_43852_4480.N1	20-JUL-2010 14:50:53	Bright	40.500	144	18Del Cyg	2.8600	11000.	81	43852	No
186	GOM_NL__2PRFIN20100720_145252_000000492091_00211_43852_4481.N1	20-JUL-2010 14:52:52	Bright	49.000	19	50Alp Cyg	1.2460	10500.	98	43852	No
187	GOM_NL__2PRFIN20100720_145758_000000402091_00211_43852_4482.N1	20-JUL-2010 14:57:58	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	43852	No
188	GOM_NL__2PRFIN20100720_150649_000000482091_00211_43852_4483.N1	20-JUL-2010 15:06:49	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	43852	No
189	GOM_NL__2PRFIN20100720_151213_000000452091_00211_43852_4484.N1	20-JUL-2010 15:12:13	Bright	44.500	160	23Gam Per	2.9300	4700.0	89	43852	No
190	GOM_NL__2PRFIN20100720_151338_000000452091_00211_43852_4485.N1	20-JUL-2010 15:13:38	Bright	45.000	35	33Alp Per	1.7950	6250.0	90	43852	No
191	GOM_NL__2PRFIN20100720_151639_000000522091_00211_43852_4486.N1	20-JUL-2010 15:16:39	Bright	51.500	79	26Bet Per	2.3100	13100.	103	43852	No
192	GOM_NL__2PRFIN20100720_151944_000000452091_00211_43852_4487.N1	20-JUL-2010 15:19:44	Tw_i_and_stray	45.000	150	44Zet Per	2.8900	28000.	90	43852	No
193	GOM_NL__2PRFIN20100720_152226_000000472091_00211_43852_4488.N1	20-JUL-2010 15:22:26	Twilight	47.000	146	25Eta Tau	2.8730	15200.	94	43852	No
194	GOM_NL__2PRFIN20100720_152400_000000542091_00211_43852_4489.N1	20-JUL-2010 15:24:00	Twilight	53.500	13	87Alp Tau	0.86700	3800.0	107	43852	No
195	GOM_NL__2PRFIN20100720_153345_000000482091_00211_43852_4490.N1	20-JUL-2010 15:33:45	Dark	47.500	165	34Gam Eri	2.9500	3200.0	95	43852	No
196	GOM_NL__2PRFIN20100720_154254_000000442091_00211_43852_4491.N1	20-JUL-2010 15:42:54	Dark	43.500	157	The1Eri	2.9060	9300.0	87	43852	No
197	GOM_NL__2PRFIN20100720_154857_000000442091_00212_43853_4517.N1	20-JUL-2010 15:48:57	Dark	43.500	9	Alp Eri	0.45300	24000.	87	43853	No
198	GOM_NL__2PRFIN20100720_155228_000000562091_00212_43853_4518.N1	20-JUL-2010 15:52:28	Dark	56.000	84	Alp Phe	2.3970	4500.0	112	43853	No
199	GOM_NL__2PRFIN20100720_155621_000000412091_00212_43853_4519.N1	20-JUL-2010 15:56:21	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	43853	No
200	GOM_NL__2PRFIN20100720_155754_000000512091_00212_43853_4520.N1	20-JUL-2010 15:57:54	Straylight	51.000	63	Bet Gru	2.1500	2800.0	102	43853	No
201	GOM_NL__2PRFIN20100720_155922_000000552091_00212_43853_4521.N1	20-JUL-2010 15:59:22	Straylight	54.500	31	Alp Gru	1.7340	15200.	109	43853	No
202	GOM_NL__2PRFIN20100720_160236_000000502091_00212_43853_4522.N1	20-JUL-2010 16:02:36	Straylight	49.500	172	Gam Gru	3.0030	13100.	99	43853	No
203	GOM_NL__2PRFIN20100720_162027_000000432091_00212_43853_4523.N1	20-JUL-2010 16:20:27	Bright	43.000	11	53Alp Aql	0.76500	8000.0	86	43853	No
204	GOM_NL__2PRFIN20100720_162834_000000412091_00212_43853_4524.N1	20-JUL-2010 16:28:34	Bright	41.000	5	3Alp Lyr	0.033000	11000.	82	43853	No
205	GOM_NL__2PRFIN20100720_163128_000000412091_00212_43853_4525.N1	20-JUL-2010 16:31:28	Bright	40.500	144	18Del Cyg	2.8600	11000.	81	43853	No
206	GOM_NL__2PRFIN20100720_163328_000000492091_00212_43853_4526.N1	20-JUL-2010 16:33:28	Bright	48.500	19	50Alp Cyg	1.2460	10500.	97	43853	No
207	GOM_NL__2PRFIN20100720_163833_000000452091_00212_43853_4527.N1	20-JUL-2010 16:38:33	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	43853	No
208	GOM_NL__2PRFIN20100720_164724_000000502091_00212_43853_4528.N1	20-JUL-2010 16:47:24	Bright	49.500	76	27Gam Cas	2.3000	30000.	99	43853	No
209	GOM_NL__2PRFIN20100720_165248_000000432091_00212_43853_4529.N1	20-JUL-2010 16:52:48	Bright	42.500	160	23Gam Per	2.9300	4700.0	85	43853	No
210	GOM_NL__2PRFIN20100720_165414_000000442091_00212_43853_4530.N1	20-JUL-2010 16:54:14	Bright	43.500	35	33Alp Per	1.7950	6250.0	87	43853	No
211	GOM_NL__2PRFIN20100720_165715_000000492091_00212_43853_4531.N1	20-JUL-2010 16:57:15	Bright	48.500	79	26Bet Per	2.3100	13100.	97	43853	No
212	GOM_NL__2PRFIN20100720_170020_000000462091_00212_43853_4532.N1	20-JUL-2010 17:00:20	Tw_i_and_stray	46.000	150	44Zet Per	2.8900	28000.	92	43853	No
213	GOM_NL__2PRFIN20100720_170302_000000482091_00212_43853_4533.N1	20-JUL-2010 17:03:02	Twilight	48.000	146	25Eta Tau	2.8730	15200.	96	43853	No
214	GOM_NL__2PRFIN20100720_170437_000000522091_00212_43853_4534.N1	20-JUL-2010 17:04:37	Twilight	52.000	13	87Alp Tau	0.86700	3800.0	104	43853	No
215	GOM_NL__2PRFIN20100720_171422_000000482091_00212_43853_4535.N1	20-JUL-2010 17:14:22	Dark	48.000	165	34Gam Eri	2.9500	3200.0	96	43853	No
216	GOM_NL__2PRFIN20100720_172331_000000422091_00212_43853_4536.N1	20-JUL-2010 17:23:31	Dark	42.000	157	The1Eri	2.9060	9300.0	84	43853	No
217	GOM_NL__2PRFIN20100720_172934_000000422091_00213_43854_4545.N1	20-JUL-2010 17:29:34	Dark	42.000	9	Alp Eri	0.45300	24000.	84	43854	No
218	GOM_NL__2PRFIN20100720_173305_000000542091_00213_43854_4546.N1	20-JUL-2010 17:33:05	Dark	53.500	84	Alp Phe	2.3970	4500.0	107	43854	No
219	GOM_NL__2PRFIN20100720_173658_000000422091_00213_43854_4547.N1	20-JUL-2010 17:36:58	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	43854	No



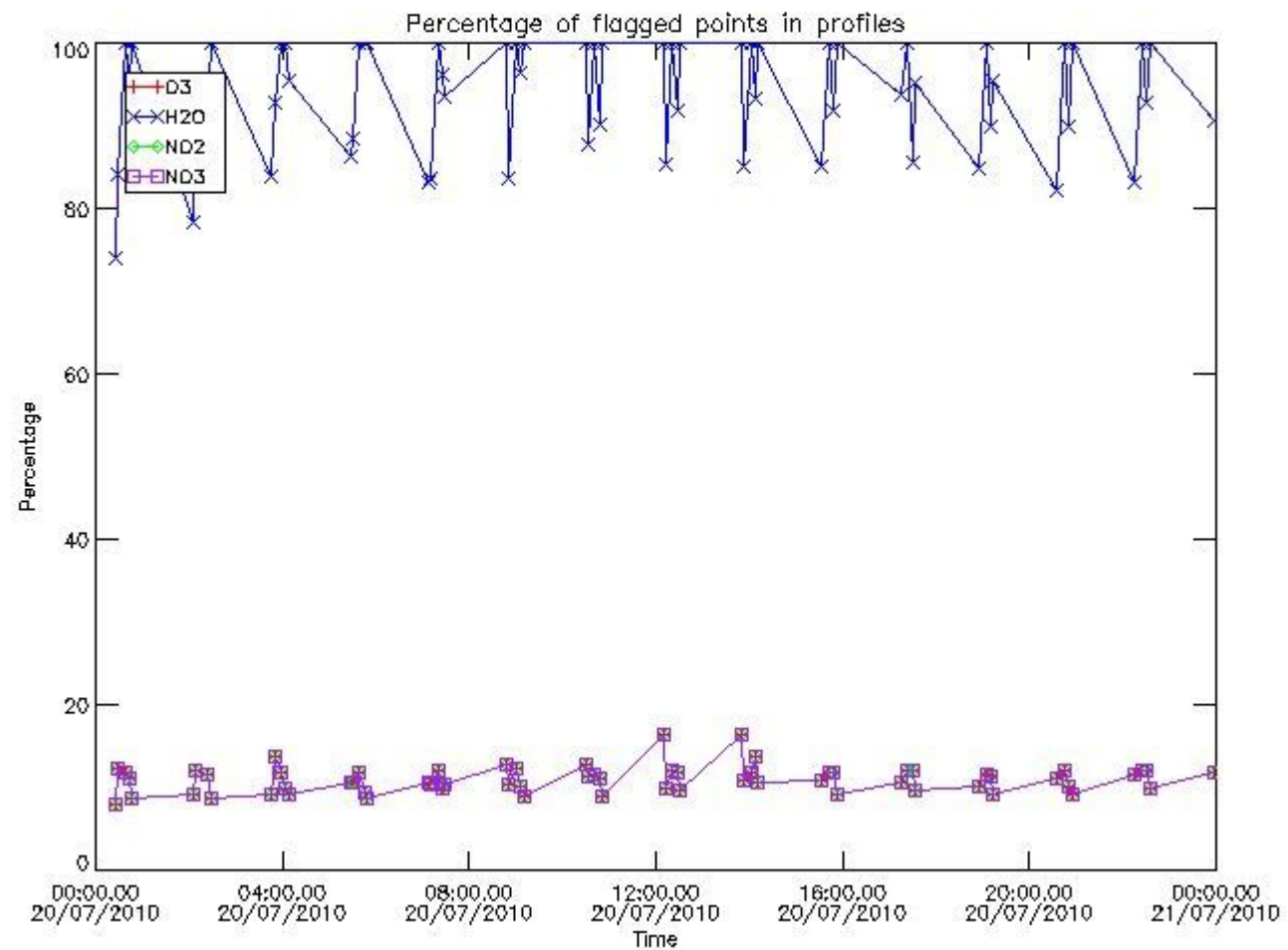
220	GOM_NL__2PRFIN20100720_173831_000000492091_00213_43854_4548.N1	20-JUL-2010 17:38:31	Straylight	48.500	63	Bet Gru	2.1500	2800.0	97	43854	No
221	GOM_NL__2PRFIN20100720_173959_000000452091_00213_43854_4549.N1	20-JUL-2010 17:39:59	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	43854	No
222	GOM_NL__2PRFIN20100720_174313_000000482091_00213_43854_4550.N1	20-JUL-2010 17:43:13	Straylight	48.000	172	Gam Gru	3.0030	13100.	96	43854	No
223	GOM_NL__2PRFIN20100720_180103_000000422091_00213_43854_4551.N1	20-JUL-2010 18:01:03	Bright	42.000	11	53Alp Aql	0.76500	8000.0	84	43854	No
224	GOM_NL__2PRFIN20100720_180910_000000382091_00213_43854_4552.N1	20-JUL-2010 18:09:10	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	43854	No
225	GOM_NL__2PRFIN20100720_181203_000000412091_00213_43854_4553.N1	20-JUL-2010 18:12:03	Bright	40.500	144	18Del Cyg	2.8600	11000.	81	43854	No
226	GOM_NL__2PRFIN20100720_181403_000000482091_00213_43854_4554.N1	20-JUL-2010 18:14:03	Bright	48.000	19	50Alp Cyg	1.2460	10500.	96	43854	No
227	GOM_NL__2PRFIN20100720_181909_000000432091_00213_43854_4555.N1	20-JUL-2010 18:19:09	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	43854	No
228	GOM_NL__2PRFIN20100720_182759_000000512091_00213_43854_4556.N1	20-JUL-2010 18:27:59	Bright	50.500	76	27Gam Cas	2.3000	30000.	101	43854	No
229	GOM_NL__2PRFIN20100720_183324_000000432091_00213_43854_4557.N1	20-JUL-2010 18:33:24	Bright	42.500	160	23Gam Per	2.9300	4700.0	85	43854	No
230	GOM_NL__2PRFIN20100720_183450_000000442091_00213_43854_4558.N1	20-JUL-2010 18:34:50	Bright	44.000	35	33Alp Per	1.7950	6250.0	88	43854	No
231	GOM_NL__2PRFIN20100720_183751_000000512091_00213_43854_4559.N1	20-JUL-2010 18:37:51	Bright	50.500	79	26Bet Per	2.3100	13100.	101	43854	No
232	GOM_NL__2PRFIN20100720_184056_000000462091_00213_43854_4560.N1	20-JUL-2010 18:40:56	Twilight	46.000	150	44Zet Per	2.8900	28000.	92	43854	No
233	GOM_NL__2PRFIN20100720_184338_000000482091_00213_43854_4561.N1	20-JUL-2010 18:43:38	Twilight	47.500	146	25Eta Tau	2.8730	15200.	95	43854	No
234	GOM_NL__2PRFIN20100720_184513_000000522091_00213_43854_4562.N1	20-JUL-2010 18:45:13	Twilight	52.000	13	87Alp Tau	0.86700	3800.0	104	43854	No
235	GOM_NL__2PRFIN20100720_185458_000000502091_00213_43854_4563.N1	20-JUL-2010 18:54:58	Dark	50.000	165	34Gam Eri	2.9500	3200.0	100	43854	No
236	GOM_NL__2PRFIN20100720_190407_000000442091_00213_43854_4564.N1	20-JUL-2010 19:04:07	Dark	44.000	157	The1Eri	2.9060	9300.0	88	43854	No
237	GOM_NL__2PRFIN20100720_191011_000000452091_00214_43855_4606.N1	20-JUL-2010 19:10:11	Dark	45.000	9	Alp Eri	0.45300	24000.	90	43855	No
238	GOM_NL__2PRFIN20100720_191343_000000552091_00214_43855_4607.N1	20-JUL-2010 19:13:43	Dark	55.000	84	Alp Phe	2.3970	4500.0	110	43855	No
239	GOM_NL__2PRFIN20100720_191734_000000412091_00214_43855_4608.N1	20-JUL-2010 19:17:34	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	43855	No
240	GOM_NL__2PRFIN20100720_191907_000000492091_00214_43855_4609.N1	20-JUL-2010 19:19:07	Straylight	49.000	63	Bet Gru	2.1500	2800.0	98	43855	No
241	GOM_NL__2PRFIN20100720_192036_000000542091_00214_43855_4610.N1	20-JUL-2010 19:20:36	Straylight	54.000	31	Alp Gru	1.7340	15200.	108	43855	No
242	GOM_NL__2PRFIN20100720_192349_000000522091_00214_43855_4611.N1	20-JUL-2010 19:23:49	Straylight	52.000	172	Gam Gru	3.0030	13100.	104	43855	No
243	GOM_NL__2PRFIN20100720_194139_000000442091_00214_43855_4612.N1	20-JUL-2010 19:41:39	Bright	44.000	11	53Alp Aql	0.76500	8000.0	88	43855	No
244	GOM_NL__2PRFIN20100720_194946_000000412091_00214_43855_4613.N1	20-JUL-2010 19:49:46	Bright	41.000	5	3Alp Lyr	0.033000	11000.	82	43855	No
245	GOM_NL__2PRFIN20100720_195239_000000422091_00214_43855_4614.N1	20-JUL-2010 19:52:39	Bright	42.000	144	18Del Cyg	2.8600	11000.	84	43855	No
246	GOM_NL__2PRFIN20100720_195438_000000492091_00214_43855_4615.N1	20-JUL-2010 19:54:38	Bright	48.500	19	50Alp Cyg	1.2460	10500.	97	43855	No
247	GOM_NL__2PRFIN20100720_195944_000000402091_00214_43855_4616.N1	20-JUL-2010 19:59:44	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	43855	No
248	GOM_NL__2PRFIN20100720_200835_000000492091_00214_43855_4617.N1	20-JUL-2010 20:08:35	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	43855	No
249	GOM_NL__2PRFIN20100720_201400_000000432091_00214_43855_4618.N1	20-JUL-2010 20:14:00	Bright	43.000	160	23Gam Per	2.9300	4700.0	86	43855	No
250	GOM_NL__2PRFIN20100720_201526_000000442091_00214_43855_4619.N1	20-JUL-2010 20:15:26	Bright	43.500	35	33Alp Per	1.7950	6250.0	87	43855	No
251	GOM_NL__2PRFIN20100720_201827_000000522091_00214_43855_4620.N1	20-JUL-2010 20:18:27	Bright	51.500	79	26Bet Per	2.3100	13100.	103	43855	No
252	GOM_NL__2PRFIN20100720_202132_000000482091_00214_43855_4621.N1	20-JUL-2010 20:21:32	Twilight	47.500	150	44Zet Per	2.8900	28000.	95	43855	No
253	GOM_NL__2PRFIN20100720_202414_000000472091_00214_43855_4622.N1	20-JUL-2010 20:24:14	Twilight	47.000	146	25Eta Tau	2.8730	15200.	94	43855	No
254	GOM_NL__2PRFIN20100720_202549_000000532091_00214_43855_4623.N1	20-JUL-2010 20:25:49	Twilight	53.000	13	87Alp Tau	0.86700	3800.0	106	43855	No
255	GOM_NL__2PRFIN20100720_203535_000000462091_00214_43855_4624.N1	20-JUL-2010 20:35:35	Dark	45.500	165	34Gam Eri	2.9500	3200.0	91	43855	No
256	GOM_NL__2PRFIN20100720_204444_000000422091_00214_43855_4625.N1	20-JUL-2010 20:44:44	Dark	42.000	157	The1Eri	2.9060	9300.0	84	43855	No
257	GOM_NL__2PRFIN20100720_205047_000000502091_00215_43856_4634.N1	20-JUL-2010 20:50:47	Dark	50.000	9	Alp Eri	0.45300	24000.	100	43856	No
258	GOM_NL__2PRFIN20100720_205419_000000552091_00215_43856_4635.N1	20-JUL-2010 20:54:19	Dark	55.000	84	Alp Phe	2.3970	4500.0	110	43856	No
259	GOM_NL__2PRFIN20100720_205810_000000502091_00215_43856_4636.N1	20-JUL-2010 20:58:10	Straylight	49.500	148	Alp Tuc	2.8780	4100.0	99	43856	No
260	GOM_NL__2PRFIN20100720_205944_000000652091_00215_43856_4637.N1	20-JUL-2010 20:59:44	Straylight	64.500	63	Bet Gru	2.1500	2800.0	129	43856	No
261	GOM_NL__2PRFIN20100720_210113_000000452091_00215_43856_4638.N1	20-JUL-2010 21:01:13	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	43856	No
262	GOM_NL__2PRFIN20100720_210426_000000512091_00215_43856_4639.N1	20-JUL-2010 21:04:26	Straylight	51.000	172	Gam Gru	3.0030	13100.	102	43856	No
263	GOM_NL__2PRFIN20100720_212214_000000442091_00215_43856_4640.N1	20-JUL-2010 21:22:14	Bright	43.500	11	53Alp Aql	0.76500	8000.0	87	43856	No
264	GOM_NL__2PRFIN20100720_213022_000000372091_00215_43856_4641.N1	20-JUL-2010 21:30:22	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	43856	No
265	GOM_NL__2PRFIN20100720_213315_000000412091_00215_43856_4642.N1	20-JUL-2010 21:33:15	Bright	40.500	144	18Del Cyg	2.8600	11000.	81	43856	No
266	GOM_NL__2PRFIN20100720_213514_000000512091_00215_43856_4643.N1	20-JUL-2010 21:35:14	Bright	50.500	19	50Alp Cyg	1.2460	10500.	101	43856	No
267	GOM_NL__2PRFIN20100720_214020_000000442091_00215_43856_4644.N1	20-JUL-2010 21:40:20	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	43856	No
268	GOM_NL__2PRFIN20100720_214910_000000502091_00215_43856_4645.N1	20-JUL-2010 21:49:10	Bright	49.500	76	27Gam Cas	2.3000	30000.	99	43856	No
269	GOM_NL__2PRFIN20100720_215436_000000442091_00215_43856_4646.N1	20-JUL-2010 21:54:36	Bright	44.000	160	23Gam Per	2.9300	4700.0	88	43856	No
270	GOM_NL__2PRFIN20100720_215601_000000462091_00215_43856_4647.N1	20-JUL-2010 21:56:01	Bright	45.500	35	33Alp Per	1.7950	6250.0	91	43856	No
271	GOM_NL__2PRFIN20100720_215903_000000532091_00215_43856_4648.N1	20-JUL-2010 21:59:03	Bright	52.500	79	26Bet Per	2.3100	13100.	105	43856	No
272	GOM_NL__2PRFIN20100720_220208_000000442091_00215_43856_4649.N1	20-JUL-2010 22:02:08	Twilight	44.000	150	44Zet Per	2.8900	28000.	88	43856	No
273	GOM_NL__2PRFIN20100720_220450_000000492091_00215_43856_4650.N1	20-JUL-2010 22:04:50	Twilight	48.500	146	25Eta Tau	2.8730	15200.	97	43856	No
274	GOM_NL__2PRFIN20100720_220625_000000542091_00215_43856_4651.N1	20-JUL-2010 22:06:25	Twilight	54.000	13	87Alp Tau	0.86700	3800.0	108	43856	No
275	GOM_NL__2PRFIN20100720_221611_000000482091_00215_43856_4652.N1	20-JUL-2010 22:16:11	Dark	48.000	165	34Gam Eri	2.9500	3200.0	96	43856	No
276	GOM_NL__2PRFIN20100720_222521_000000432091_00215_43856_4653.N1	20-JUL-2010 22:25:21	Dark	42.500	157	The1Eri	2.9060	9300.0	85	43856	No
277	GOM_NL__2PRFIN20100720_223124_000000432091_00216_43857_4642.N1	20-JUL-2010 22:31:24	Dark	42.500	9	Alp Eri	0.45300	24000.	85	43857	No
278	GOM_NL__2PRFIN20100720_223456_000000522091_00216_43857_4643.N1	20-JUL-2010 22:34:56	Dark	51.500	84	Alp Phe	2.3970	4500.0	103	43857	No

279	GOM_NL__2PRFIN20100720_223847_000000432091_00216_43857_4644.N1	20-JUL-2010 22:38:47	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	43857	No
280	GOM_NL__2PRFIN20100720_224021_000000592091_00216_43857_4645.N1	20-JUL-2010 22:40:21	Straylight	59.000	63	Bet Gru	2.1500	2800.0	118	43857	No
281	GOM_NL__2PRFIN20100720_224149_000000452091_00216_43857_4646.N1	20-JUL-2010 22:41:49	Straylight	44.500	31	Alp Gru	1.7340	15200.	89	43857	No
282	GOM_NL__2PRFIN20100720_224502_000000502091_00216_43857_4647.N1	20-JUL-2010 22:45:02	Straylight	49.500	172	Gam Gru	3.0030	13100.	99	43857	No
283	GOM_NL__2PRFIN20100720_230250_000000432091_00216_43857_4648.N1	20-JUL-2010 23:02:50	Bright	43.000	11	53Alp Aql	0.76500	8000.0	86	43857	No
284	GOM_NL__2PRFIN20100720_231057_000000402091_00216_43857_4649.N1	20-JUL-2010 23:10:57	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	43857	No
285	GOM_NL__2PRFIN20100720_231350_000000402091_00216_43857_4650.N1	20-JUL-2010 23:13:50	Bright	40.000	144	18Del Cyg	2.8600	11000.	80	43857	No
286	GOM_NL__2PRFIN20100720_231549_000000502091_00216_43857_4651.N1	20-JUL-2010 23:15:49	Bright	50.000	19	50Alp Cyg	1.2460	10500.	100	43857	No
287	GOM_NL__2PRFIN20100720_232055_000000452091_00216_43857_4652.N1	20-JUL-2010 23:20:55	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	43857	No
288	GOM_NL__2PRFIN20100720_232945_000000492091_00216_43857_4653.N1	20-JUL-2010 23:29:45	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	43857	No
289	GOM_NL__2PRFIN20100720_233511_000000452091_00216_43857_4654.N1	20-JUL-2010 23:35:11	Bright	45.000	160	23Gam Per	2.9300	4700.0	90	43857	No
290	GOM_NL__2PRFIN20100720_233637_000000452091_00216_43857_4655.N1	20-JUL-2010 23:36:37	Bright	44.500	35	33Alp Per	1.7950	6250.0	89	43857	No
291	GOM_NL__2PRFIN20100720_233939_000000482091_00216_43857_4656.N1	20-JUL-2010 23:39:39	Bright	48.000	79	26Bet Per	2.3100	13100.	96	43857	No
292	GOM_NL__2PRFIN20100720_234244_000000492091_00216_43857_4657.N1	20-JUL-2010 23:42:44	Twilight	48.500	150	44Zet Per	2.8900	28000.	97	43857	No
293	GOM_NL__2PRFIN20100720_234527_000000482091_00216_43857_4658.N1	20-JUL-2010 23:45:27	Twilight	47.500	146	25Eta Tau	2.8730	15200.	95	43857	No
294	GOM_NL__2PRFIN20100720_234702_000000482091_00216_43857_4659.N1	20-JUL-2010 23:47:02	Twilight	48.000	13	87Alp Tau	0.86700	3800.0	96	43857	No
295	GOM_NL__2PRFIN20100720_235647_000000442091_00216_43857_4660.N1	20-JUL-2010 23:56:47	Dark	43.500	165	34Gam Eri	2.9500	3200.0	87	43857	No

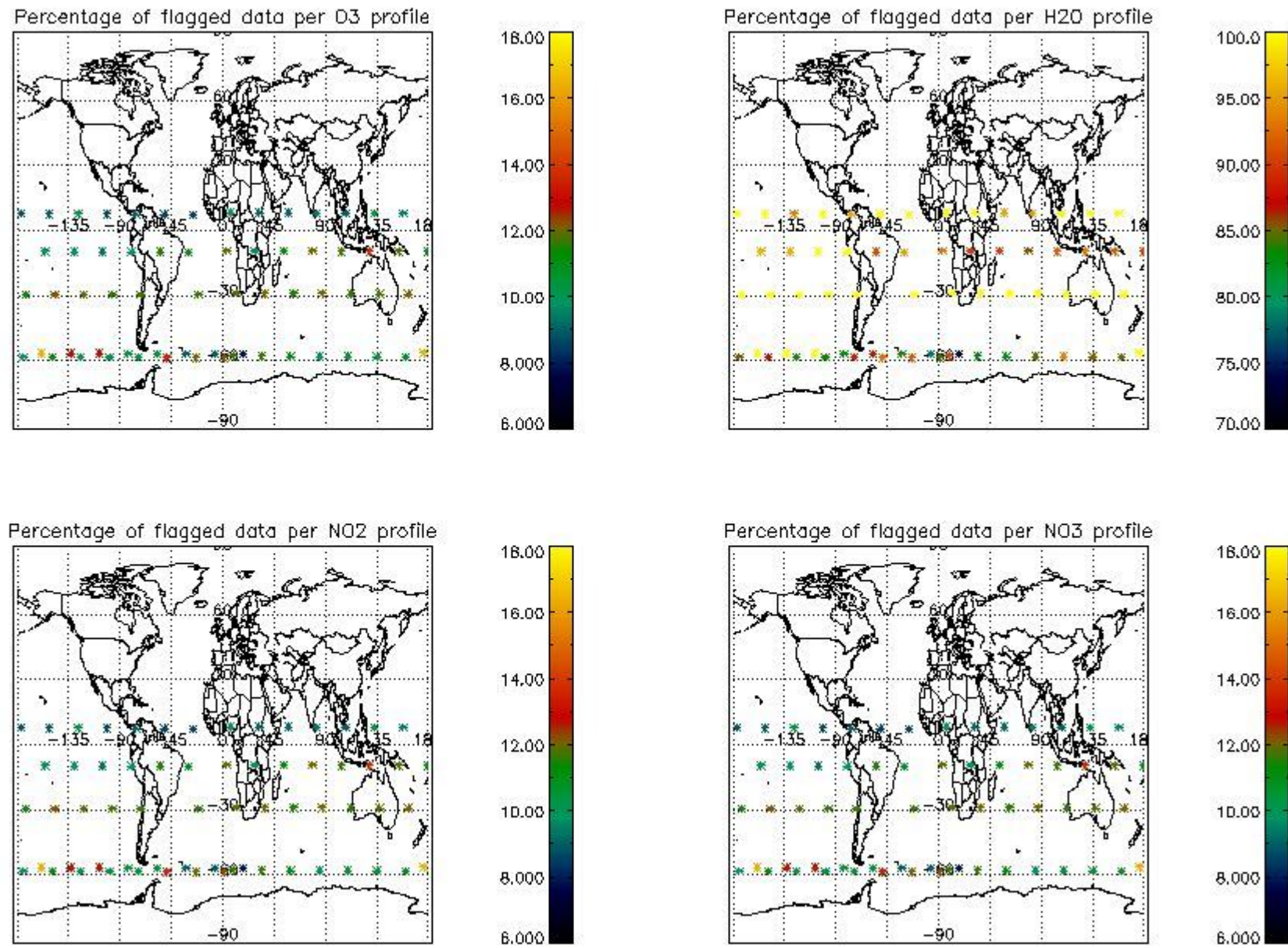
### 3. Quality information per product

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

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



### 3.2 Plot quality information per product (world map)

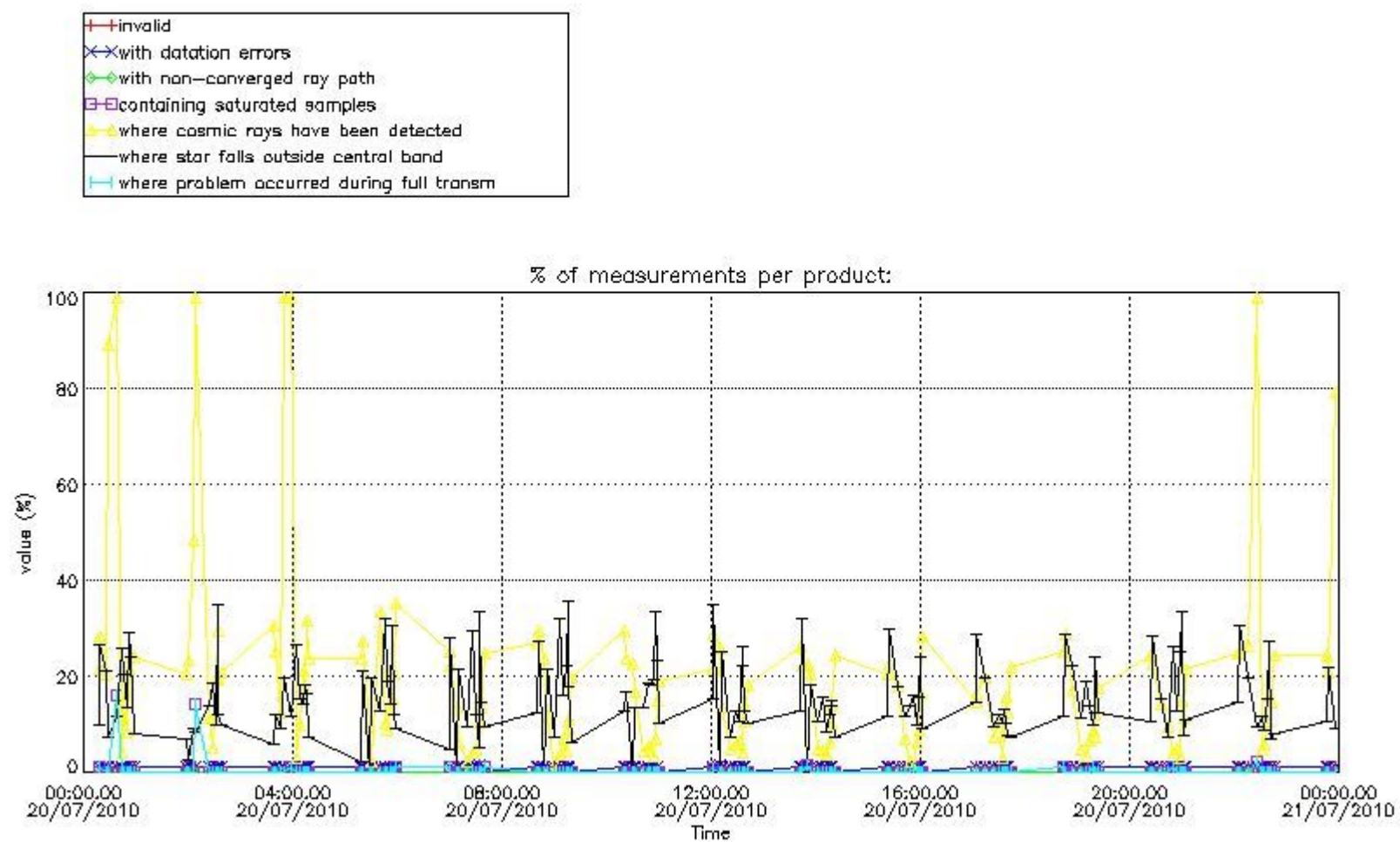


### 4. Level 1 quality information per product

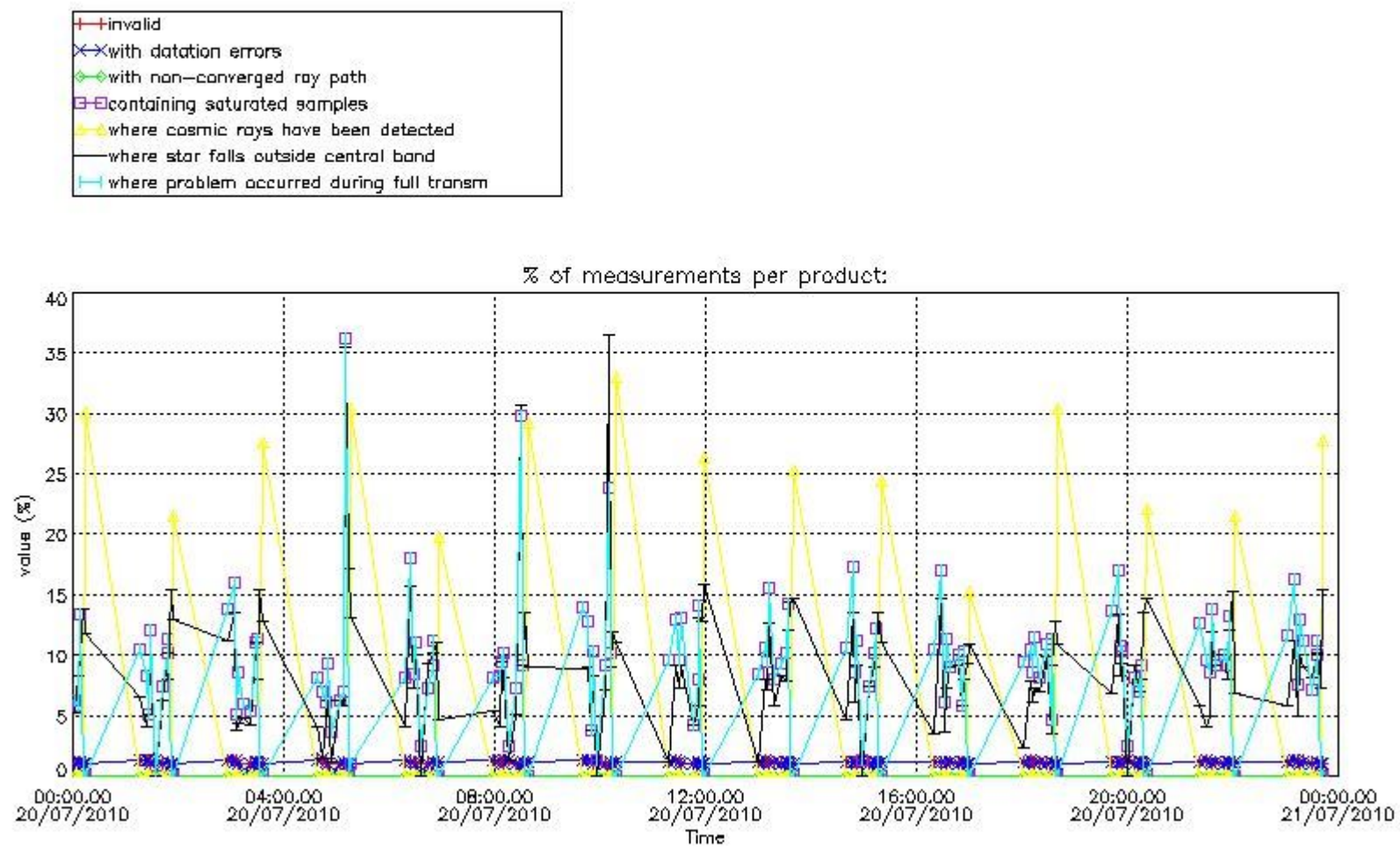
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

#### 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



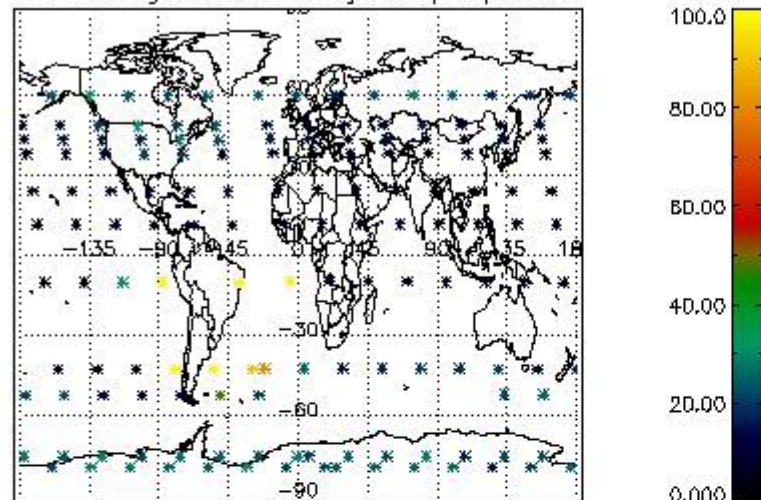
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



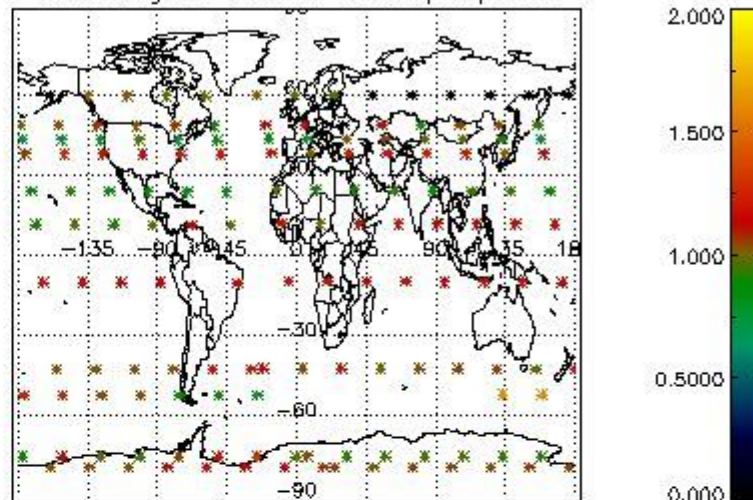
#### 4.2 Plot quality information per product coming from level 1b processing (world map)

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

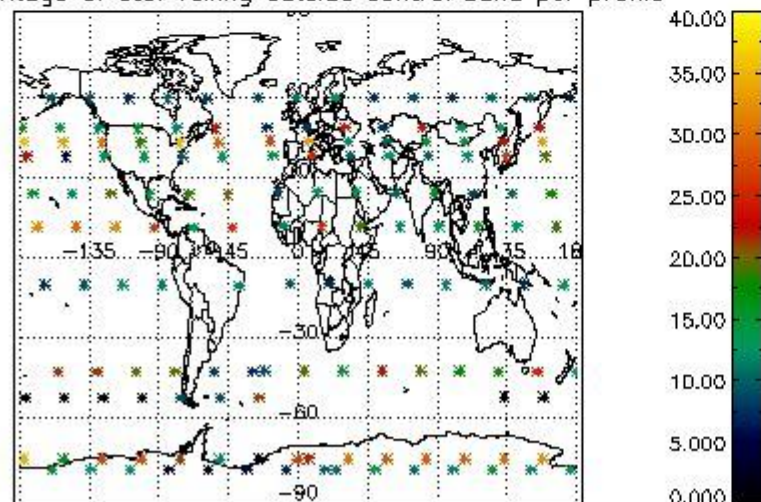
Percentage of cosmic ray hits per profile



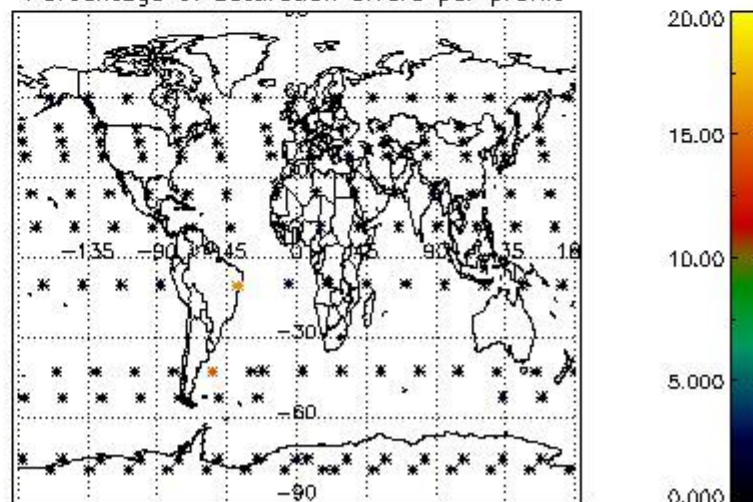
Percentage of datation errors per profile



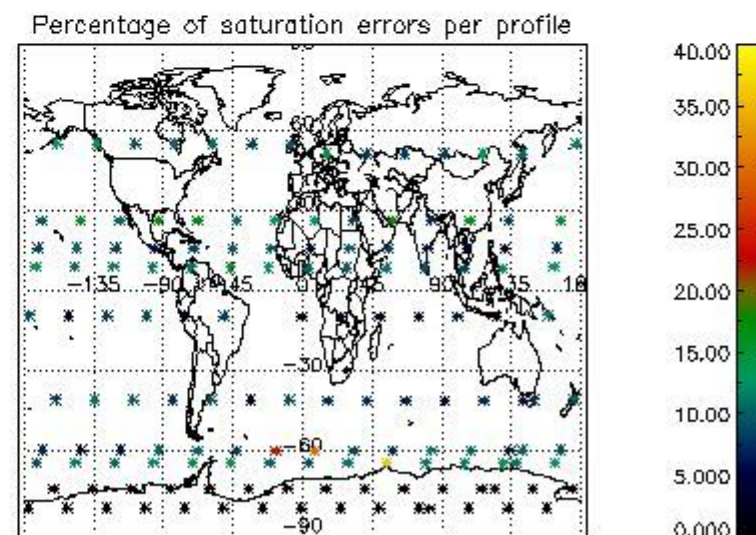
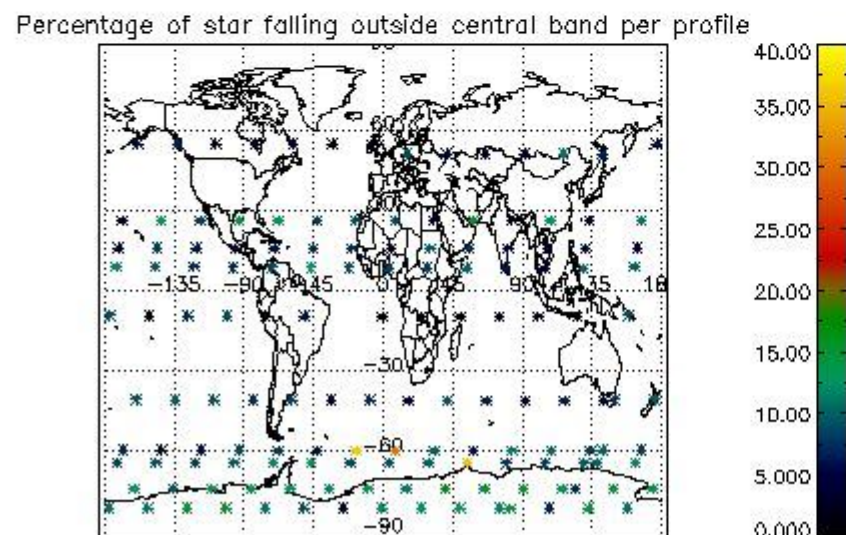
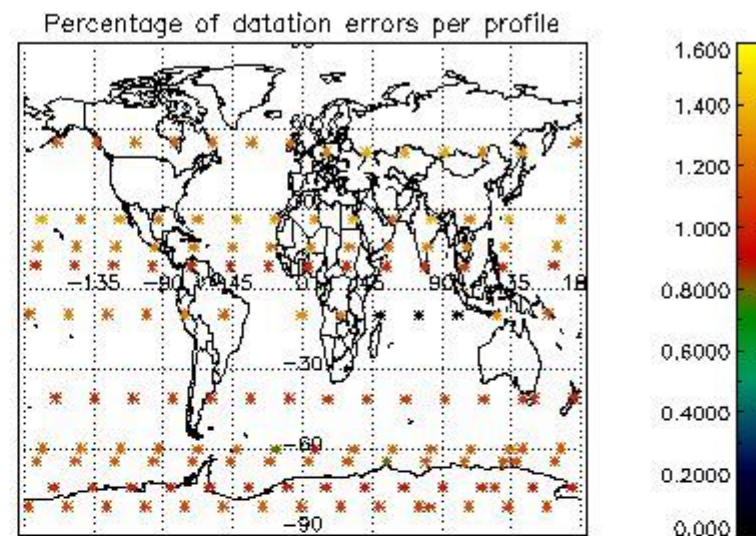
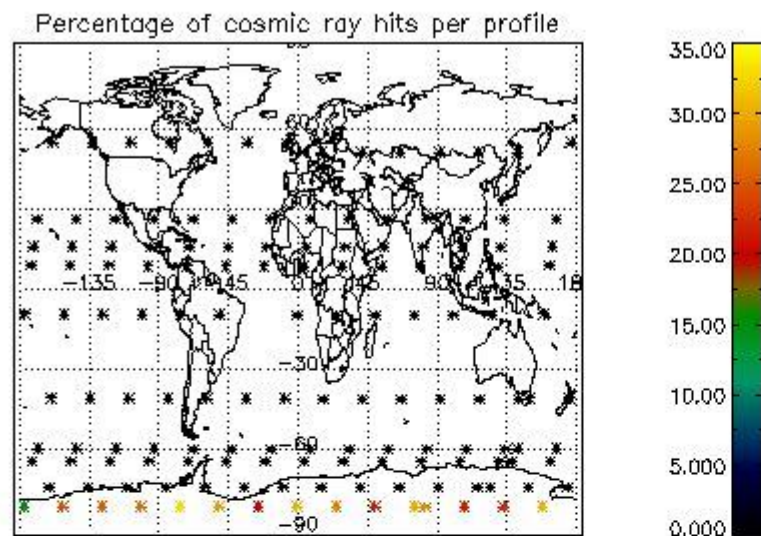
Percentage of star falling outside central band per profile



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

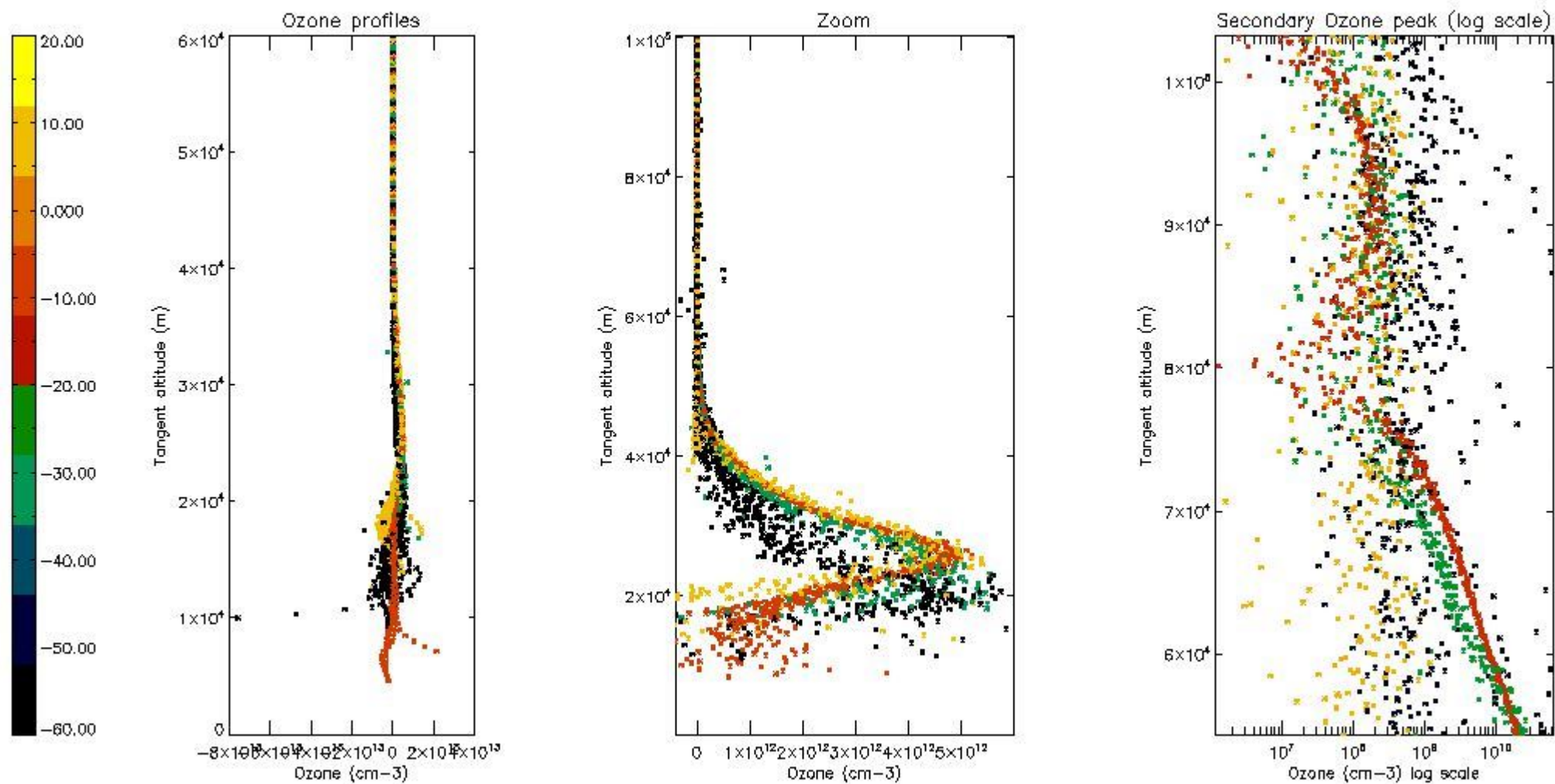
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	23
STD < 20	8

STD < 10	4
STD < 5	2

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

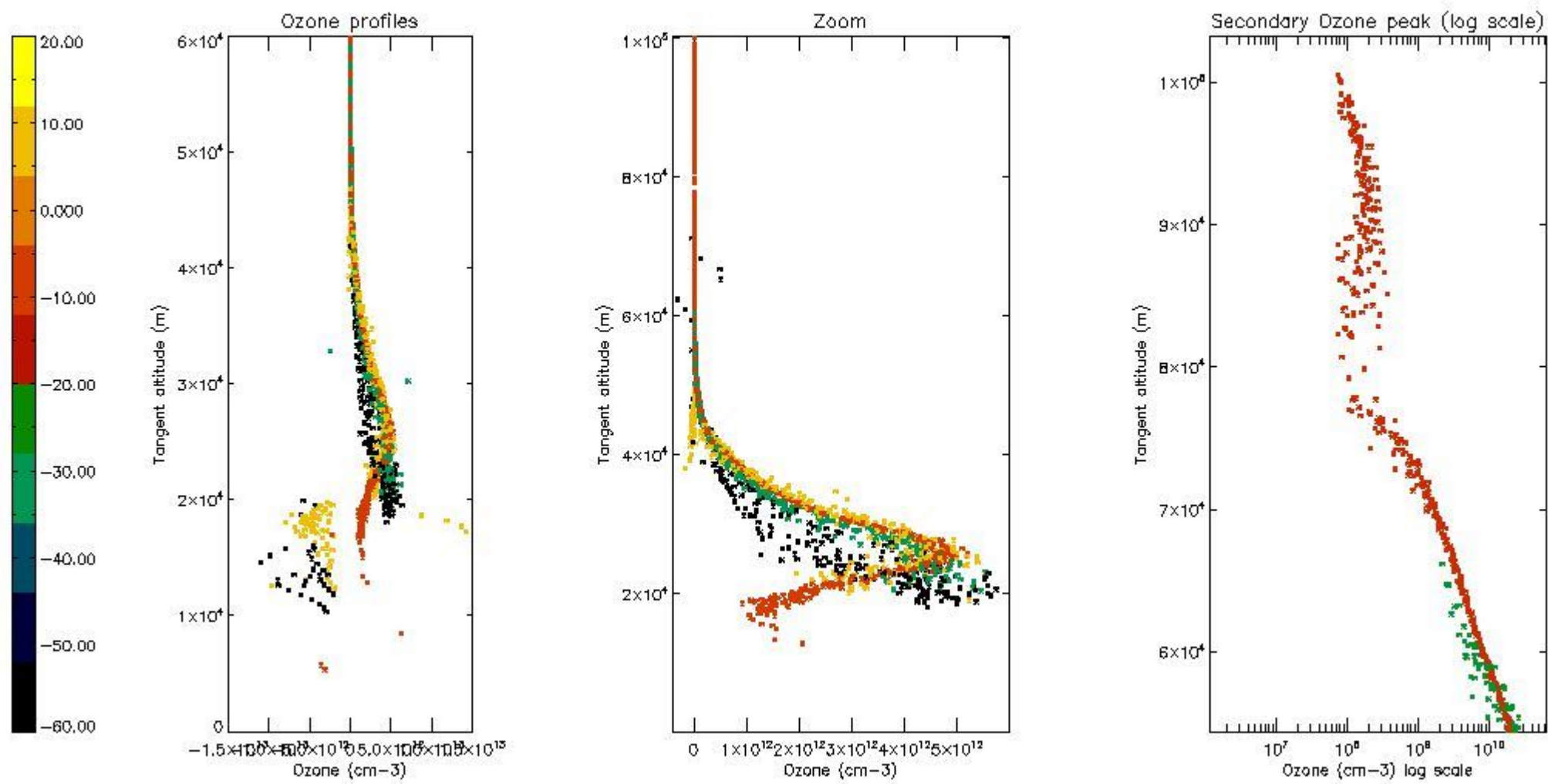
The colorbar represents the latitude.



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

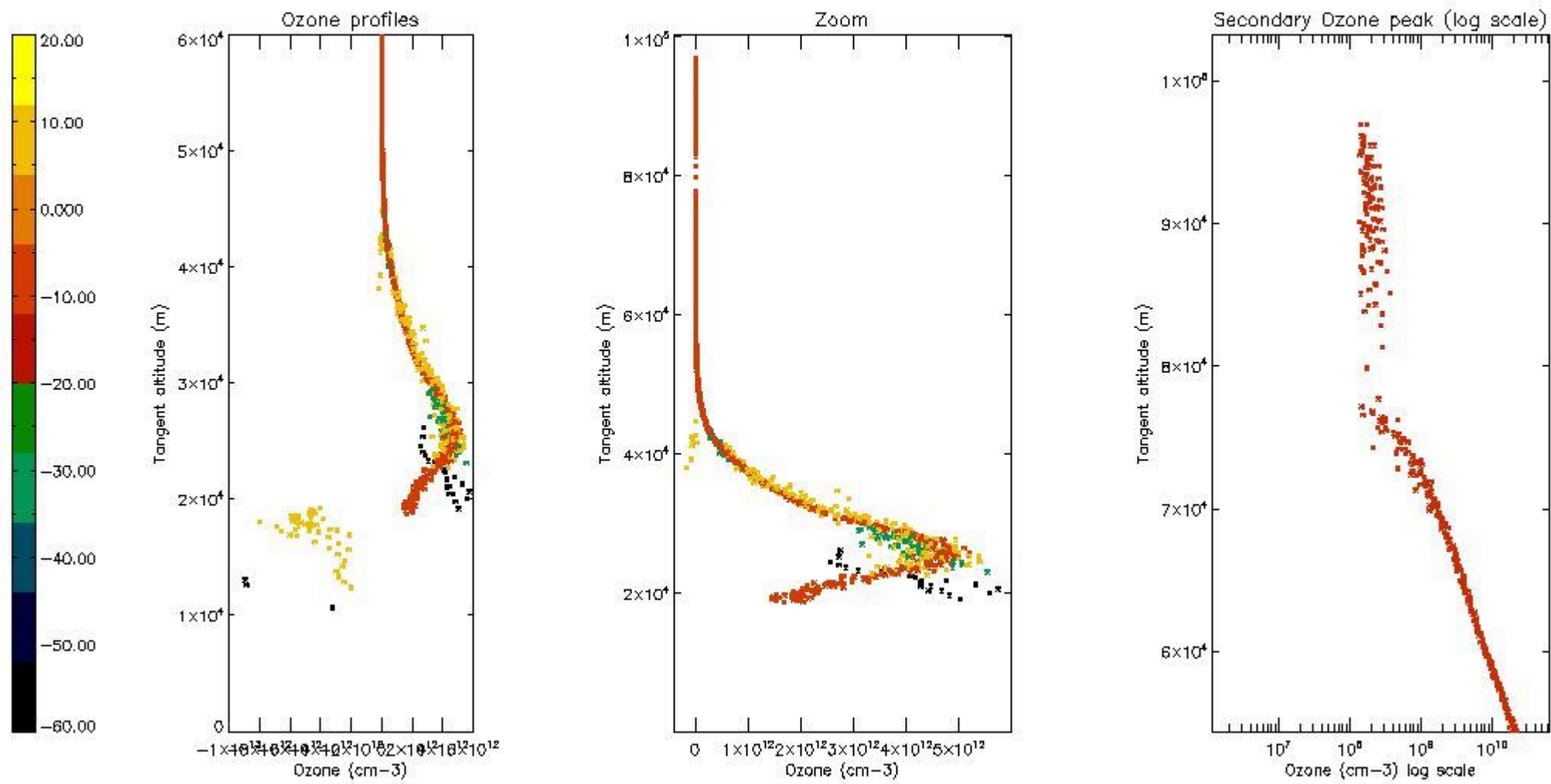
The colorbar represents the latitude.





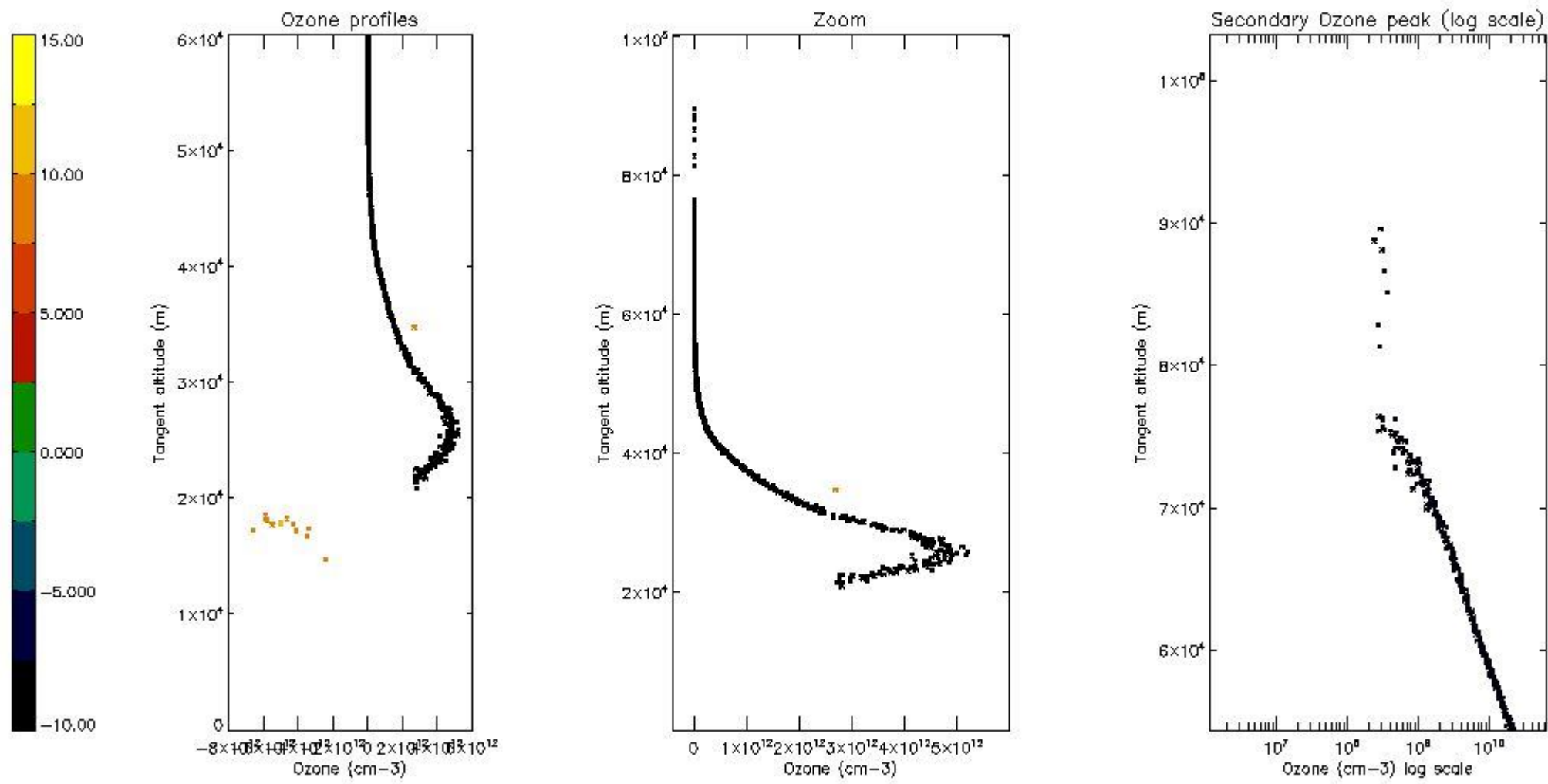
*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



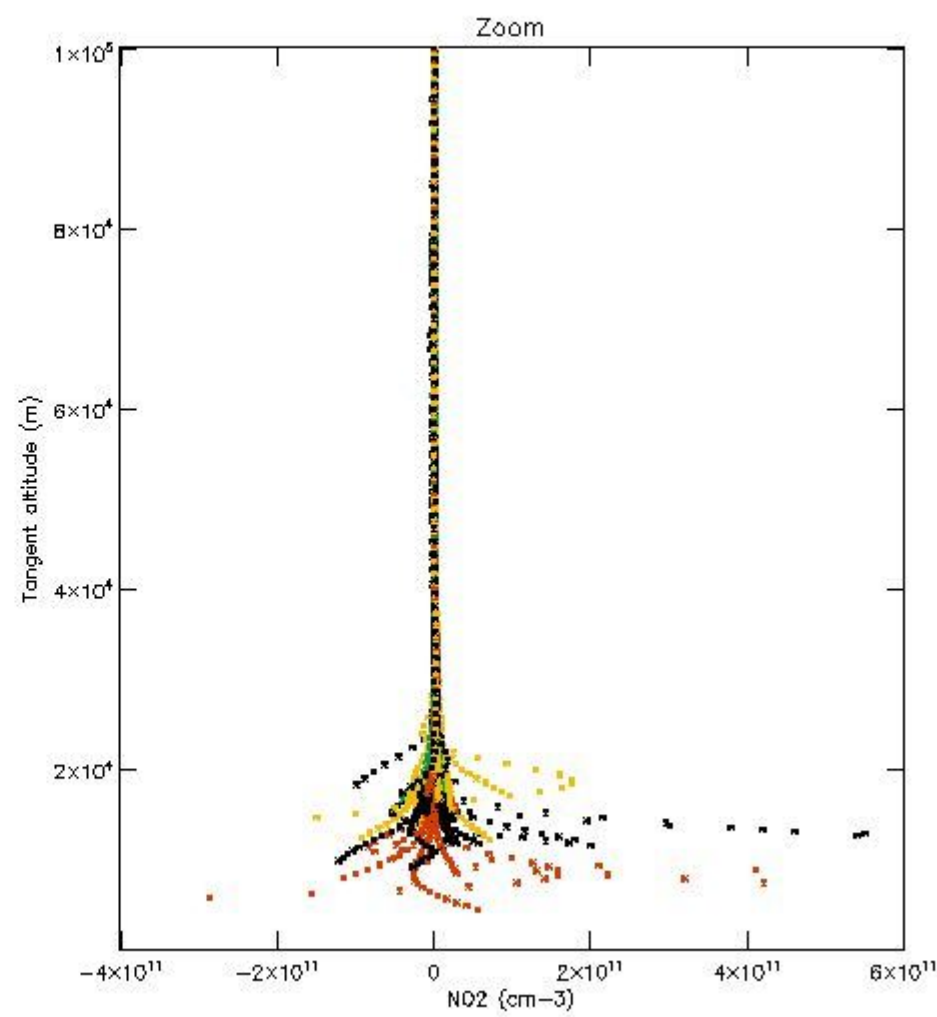
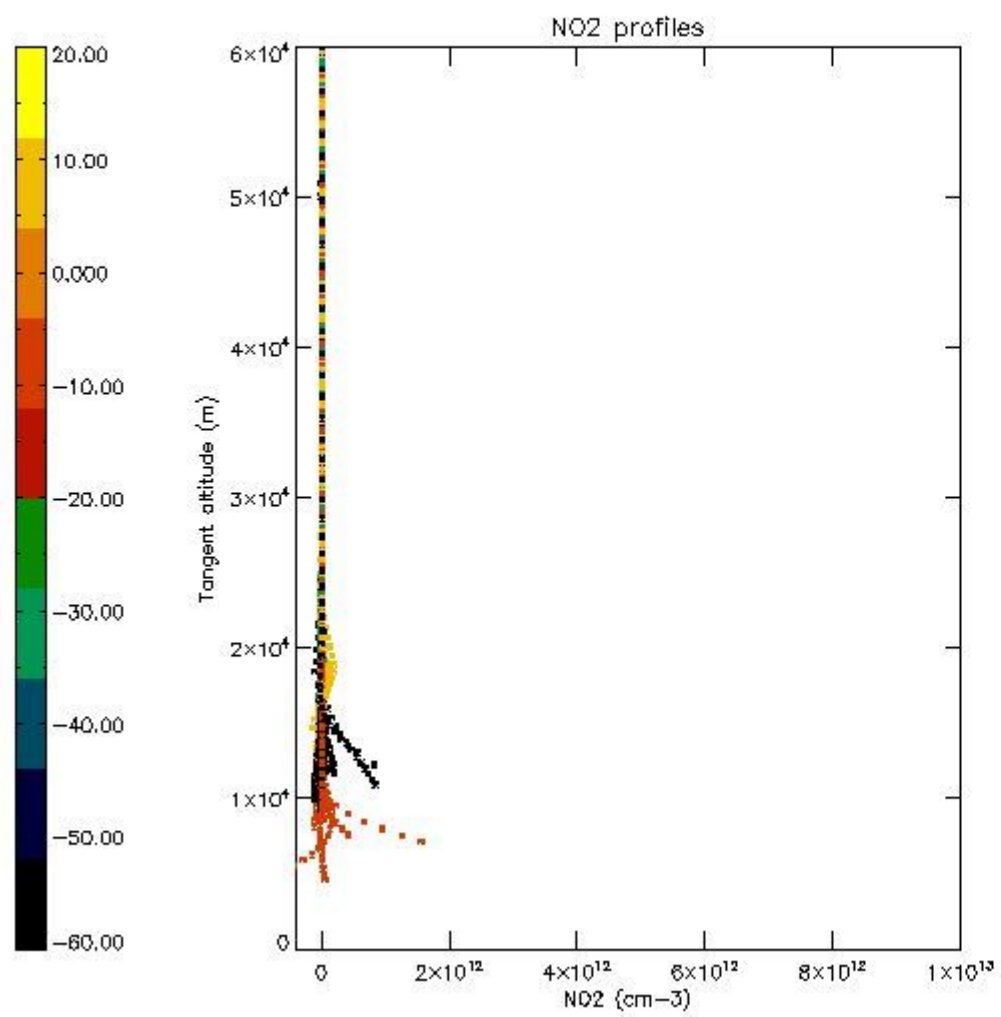
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



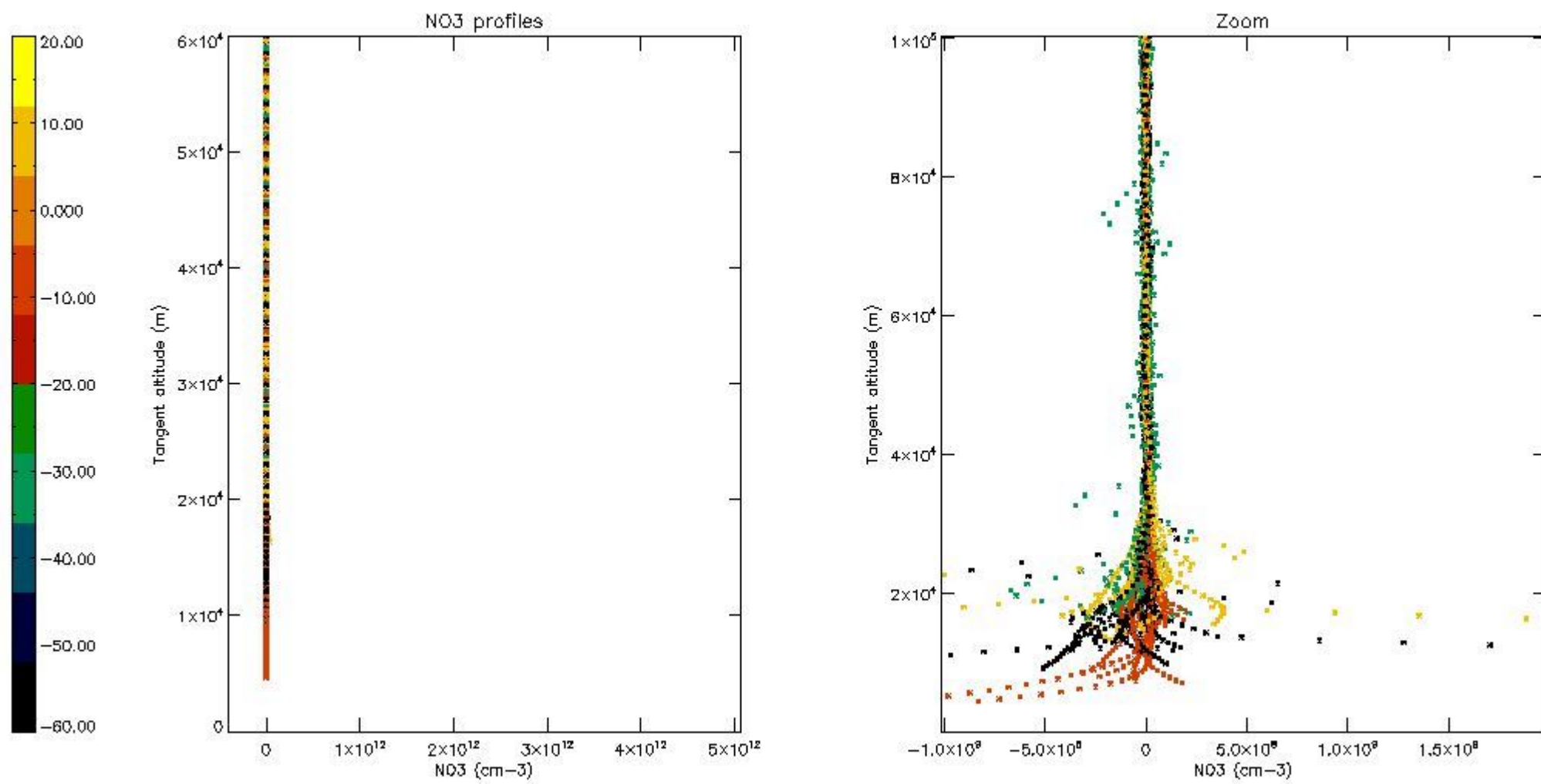
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



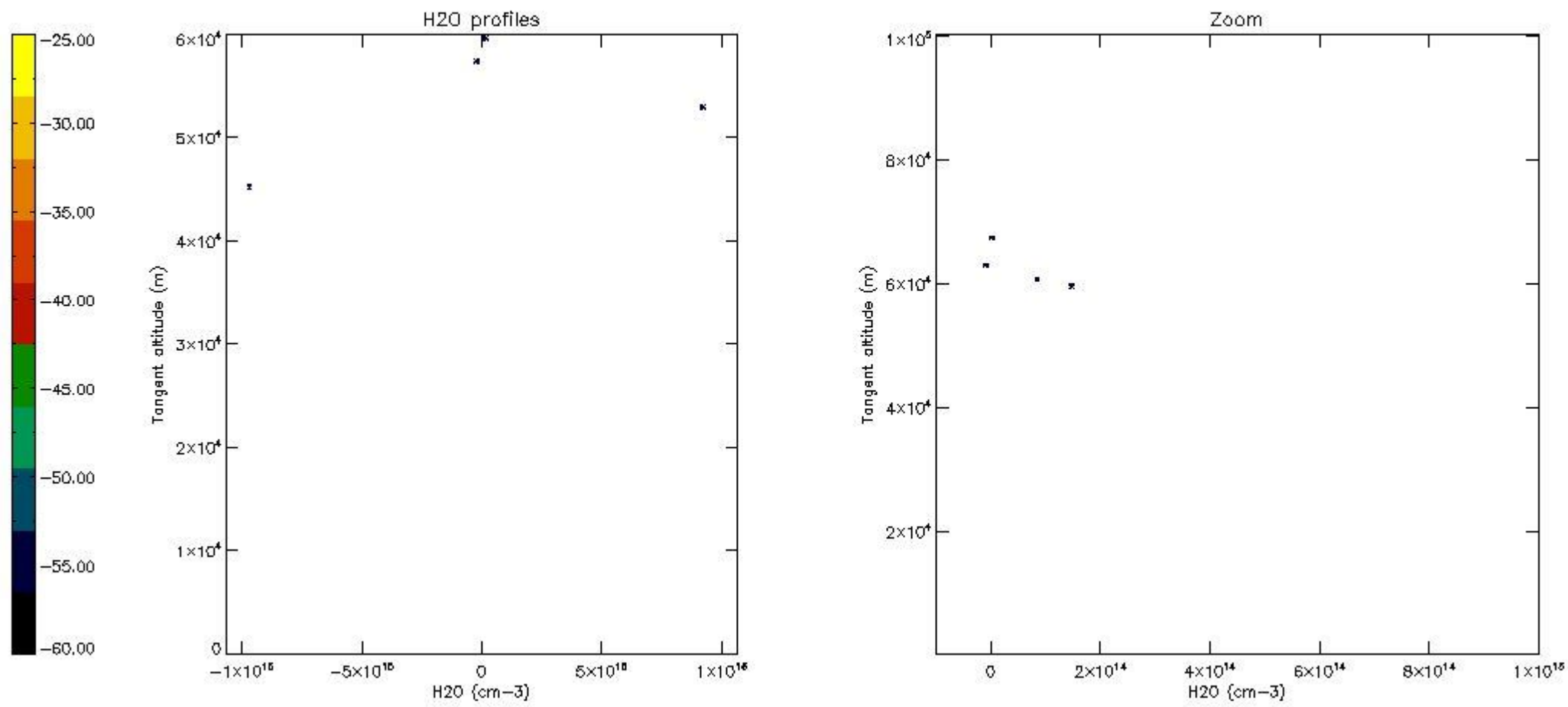
*5.7 Plot NO3 profiles for all STD (dark without errors)*

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)

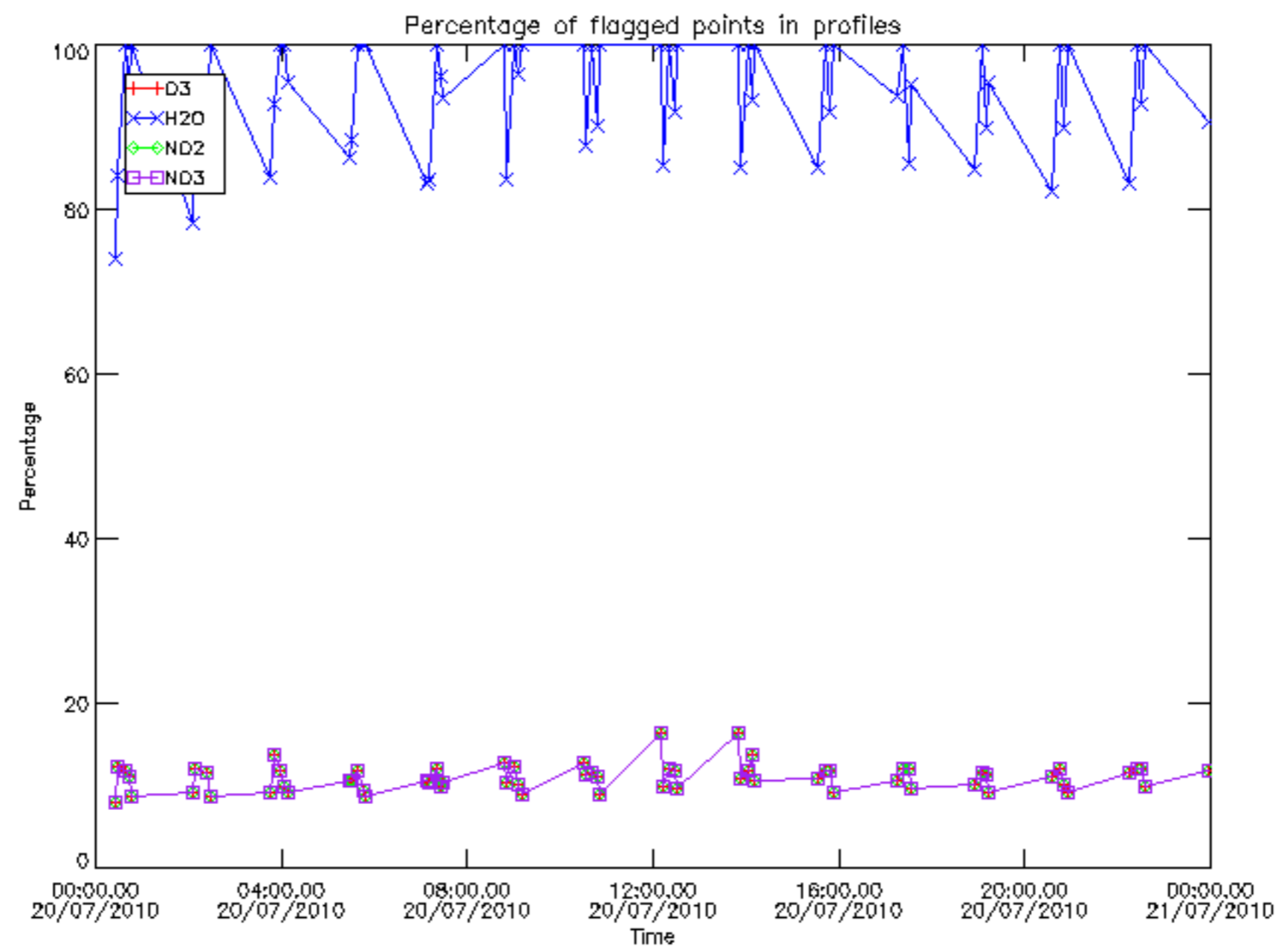
The colorbar represents the latitude.



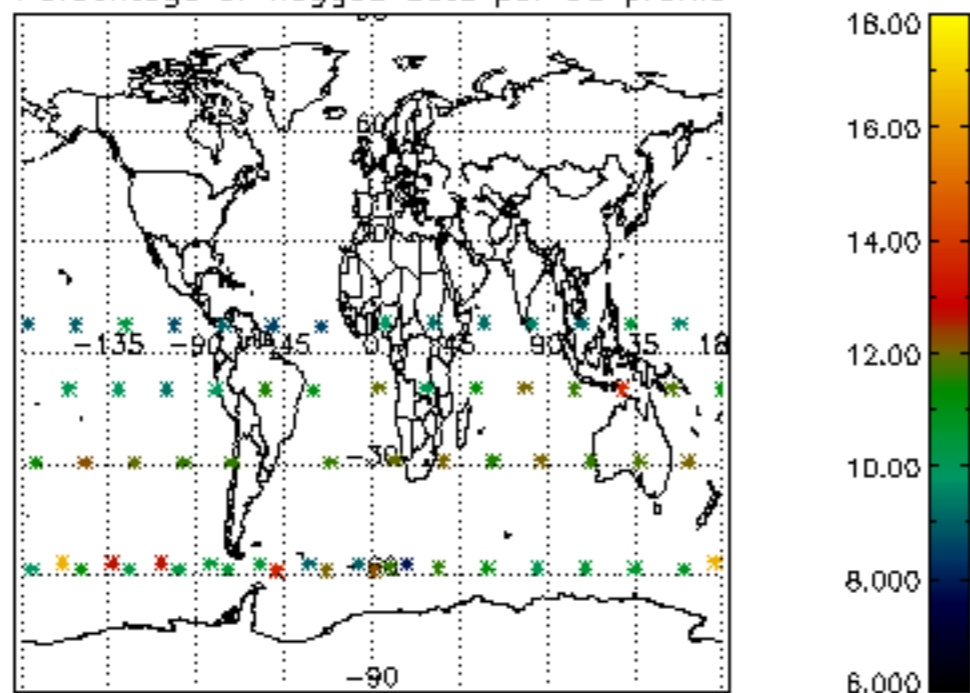
## 6. Auxiliary Data Files used for the production reported in section 2

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.

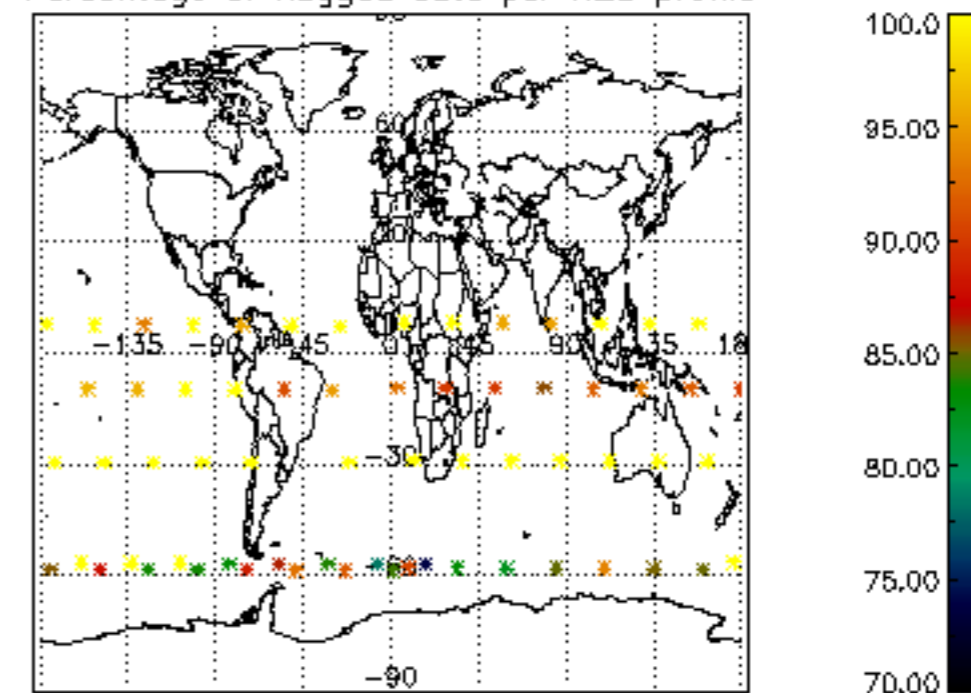
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	20-JUL-2010 00:01:30
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	20-JUL-2010 00:01:30
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	20-JUL-2010 00:01:30



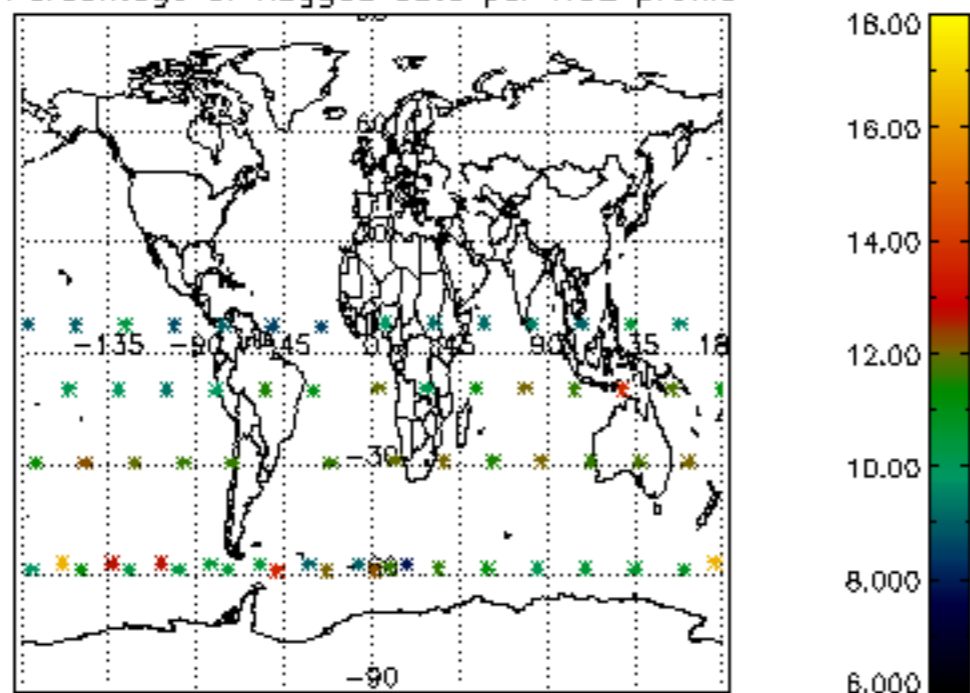
Percentage of flagged data per D3 profile



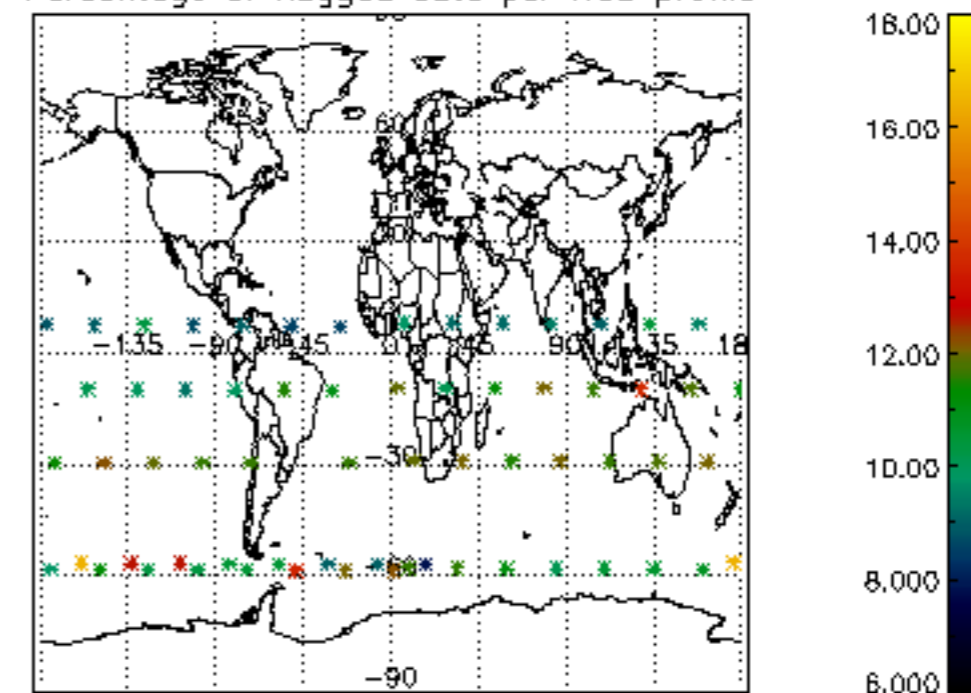
Percentage of flagged data per H2O profile



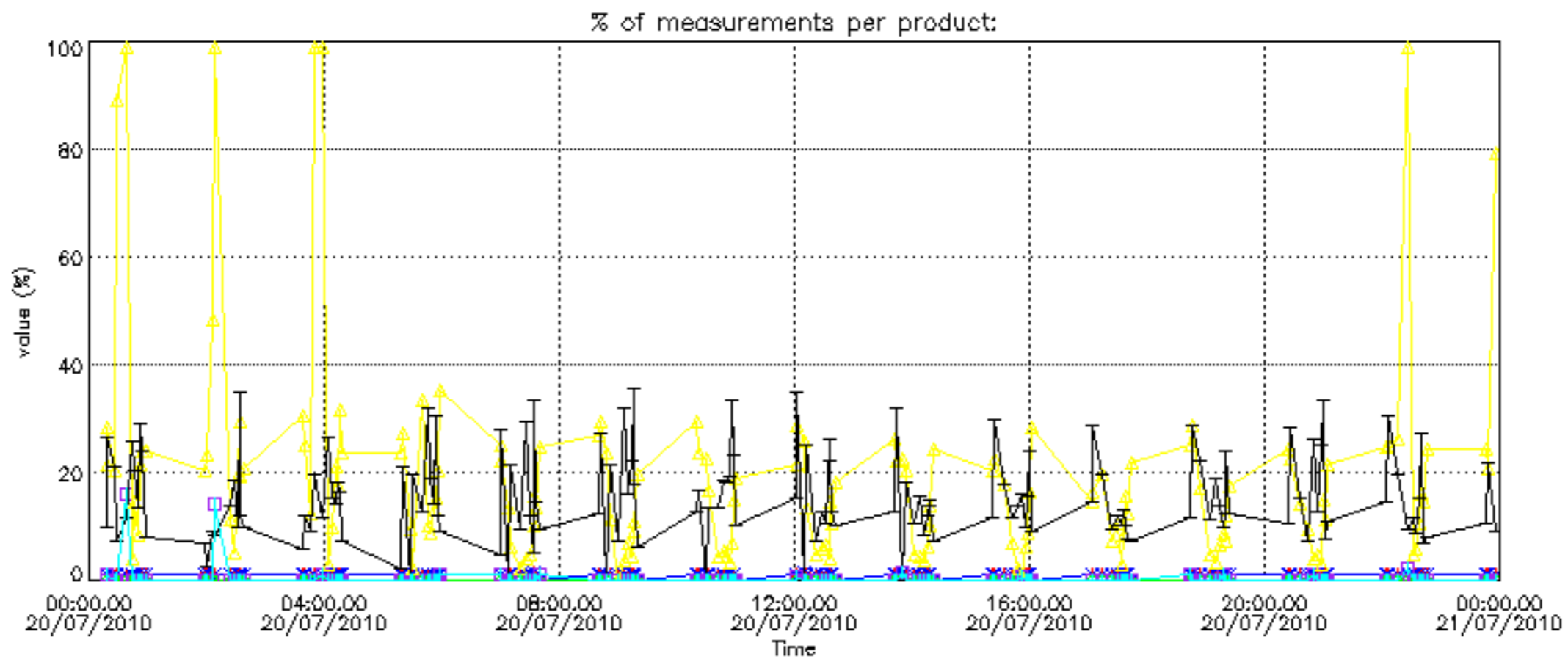
Percentage of flagged data per NO2 profile

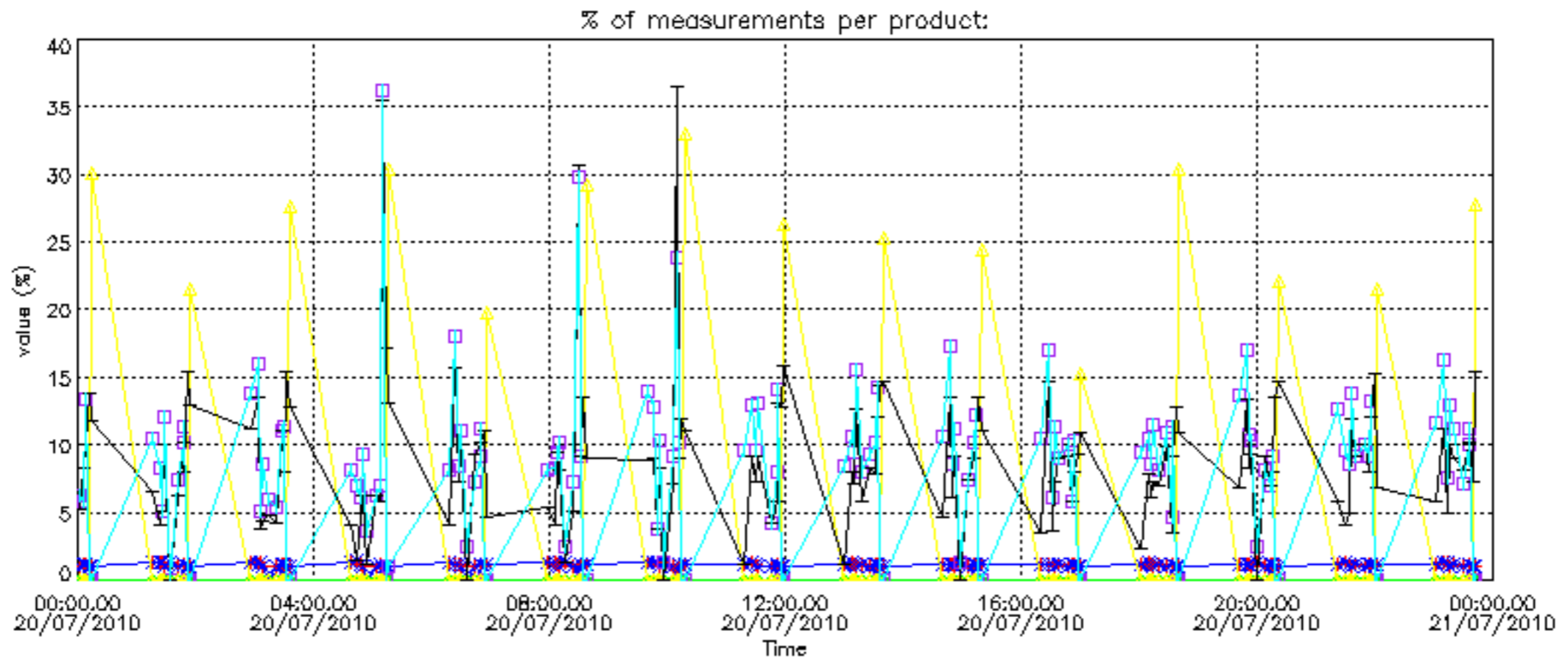


Percentage of flagged data per NO3 profile

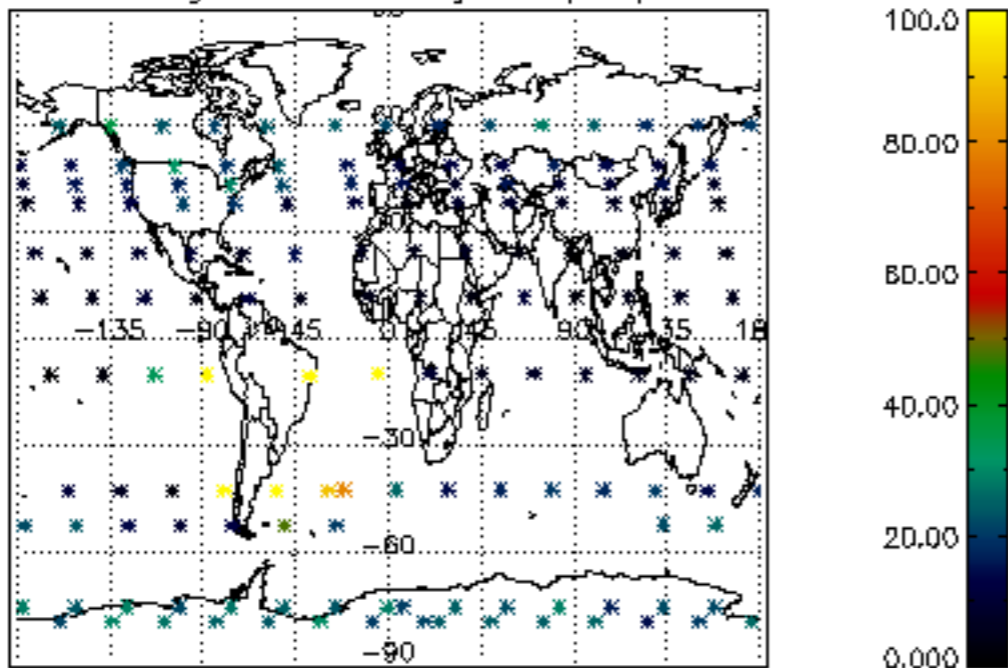




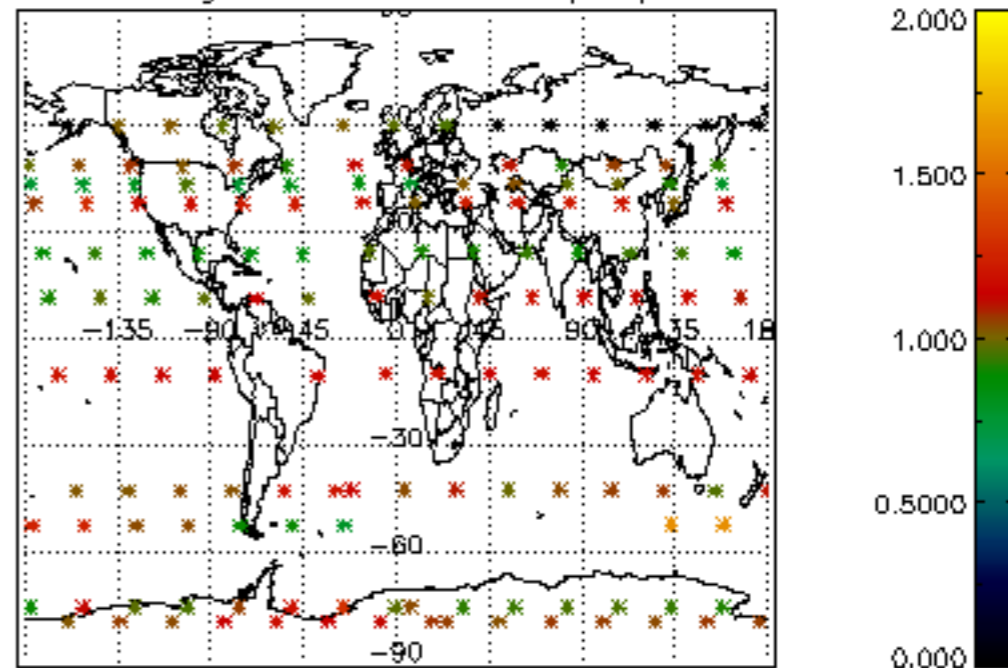




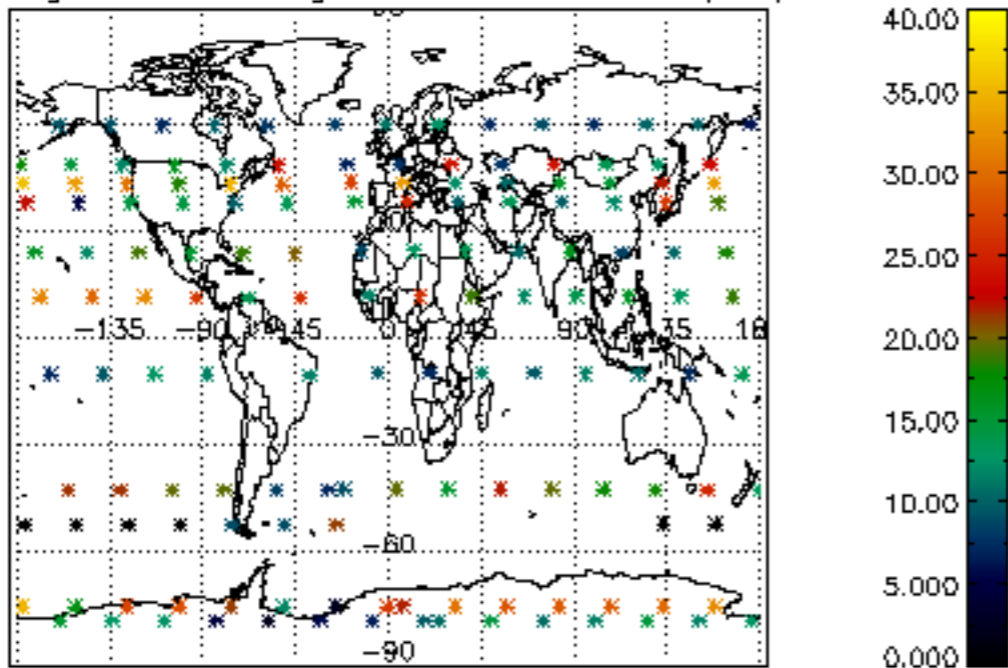
Percentage of cosmic ray hits per profile



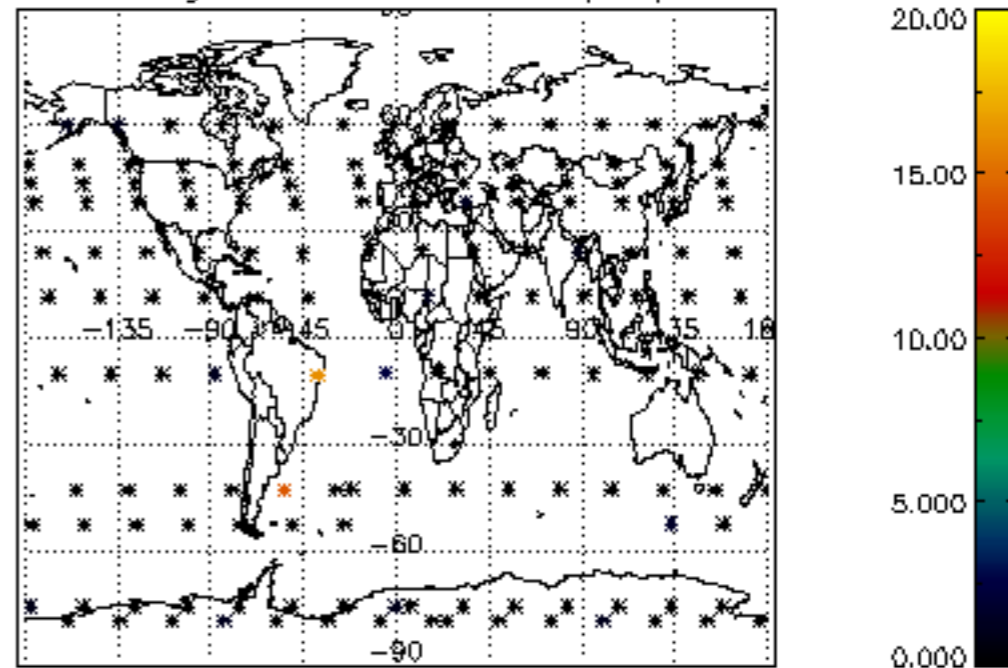
Percentage of datation errors per profile



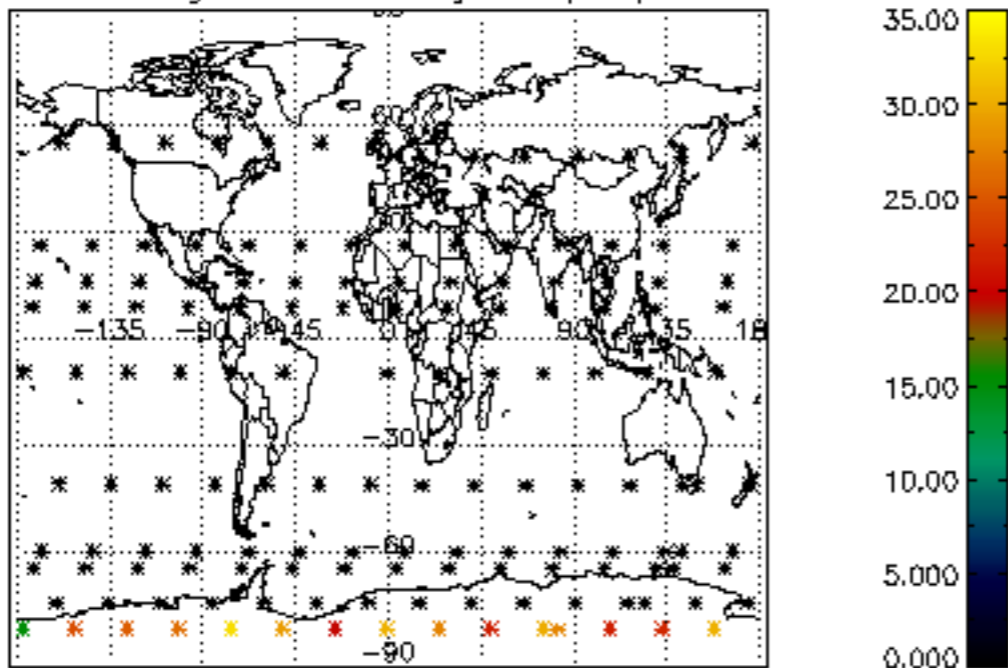
Percentage of star falling outside central band per profile



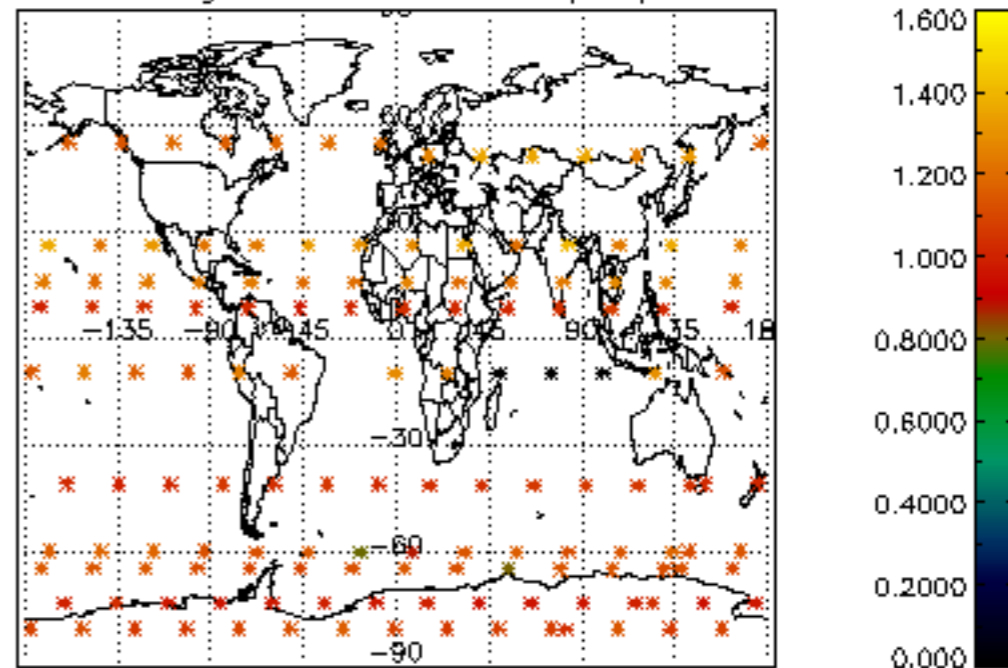
Percentage of saturation errors per profile



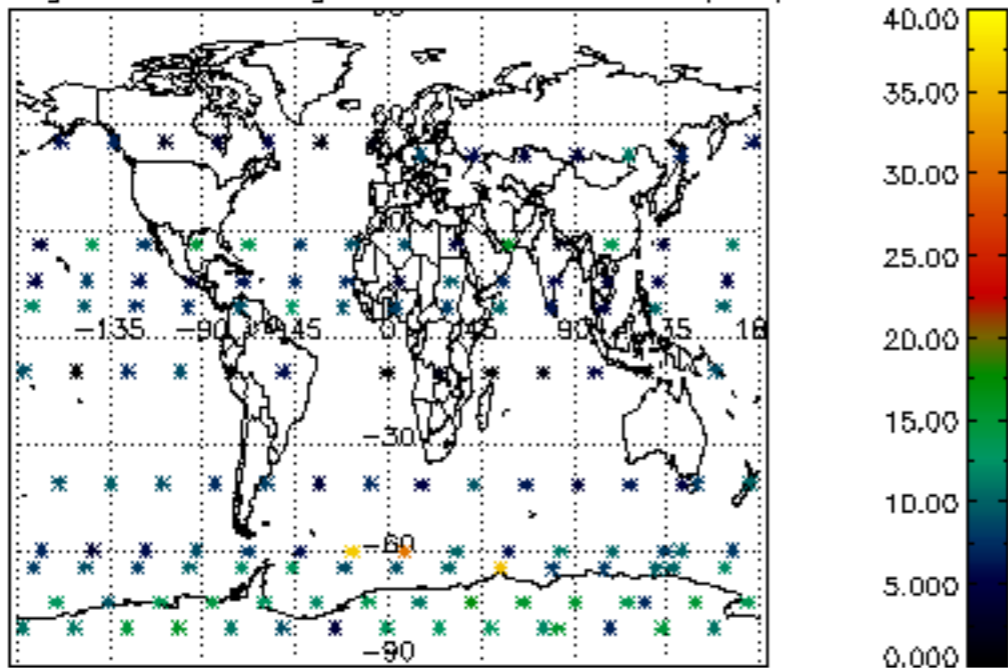
Percentage of cosmic ray hits per profile



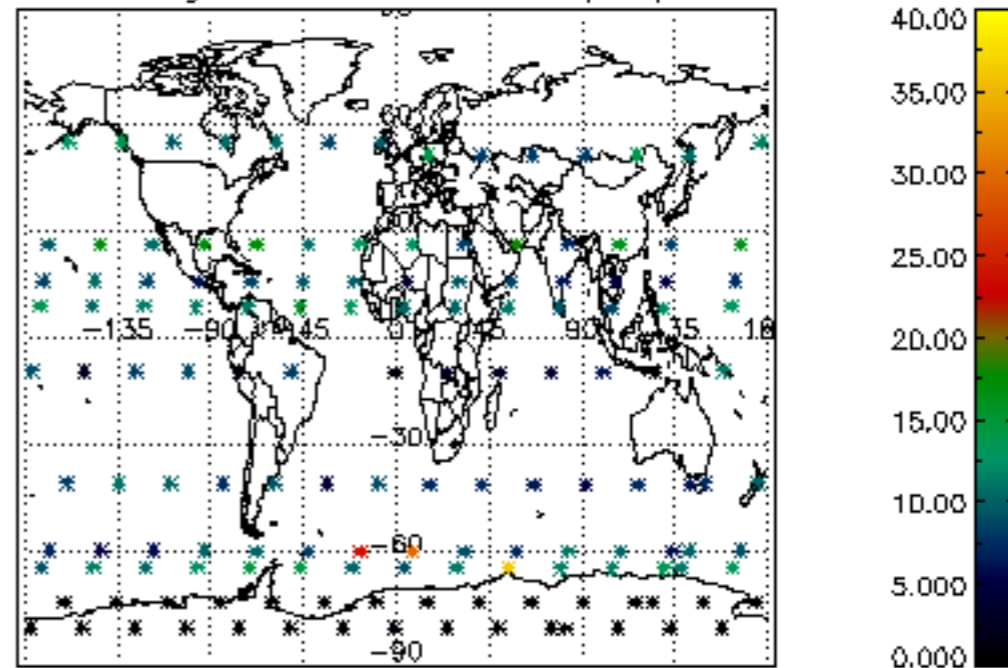
Percentage of datation errors per profile

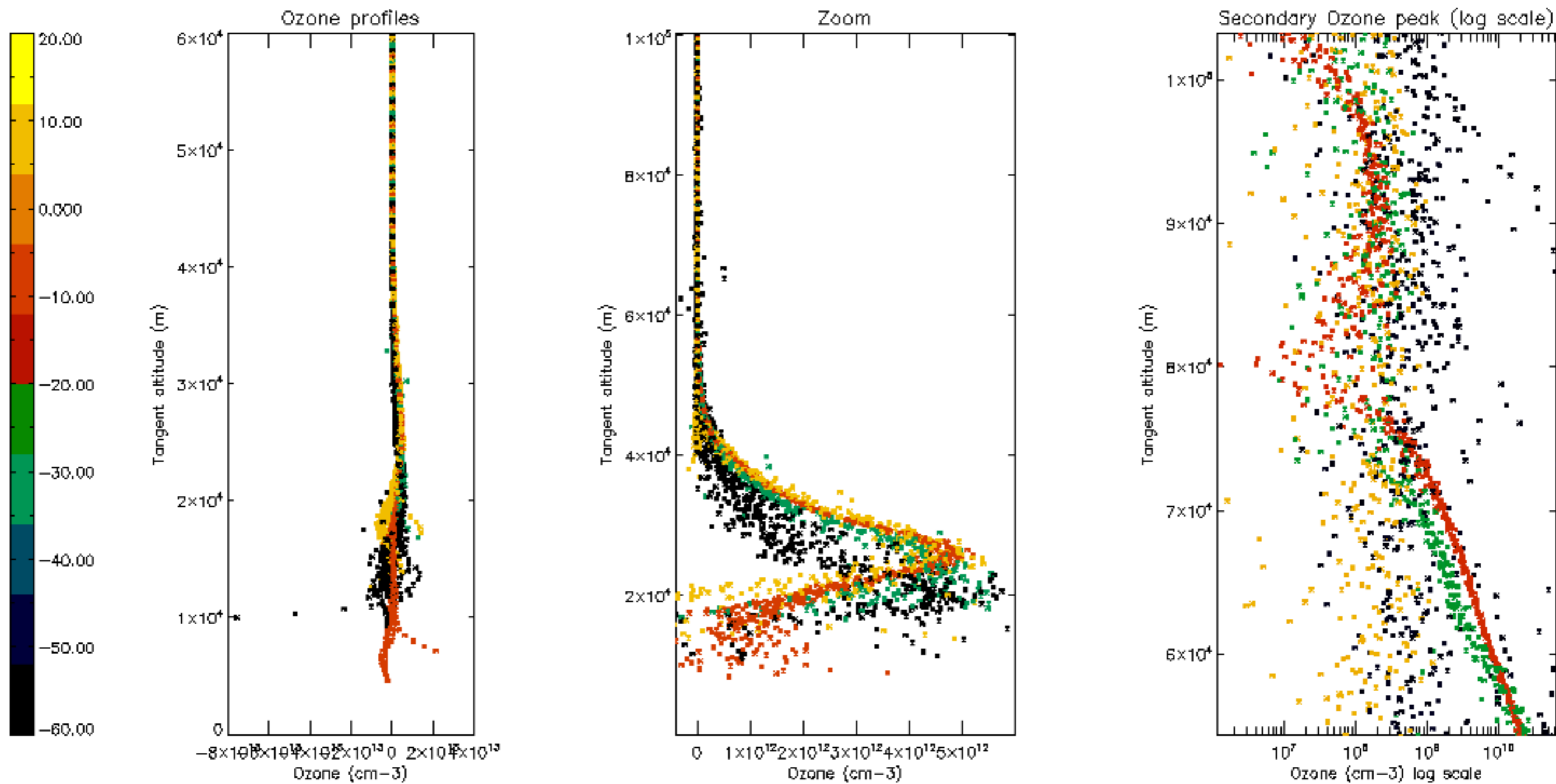


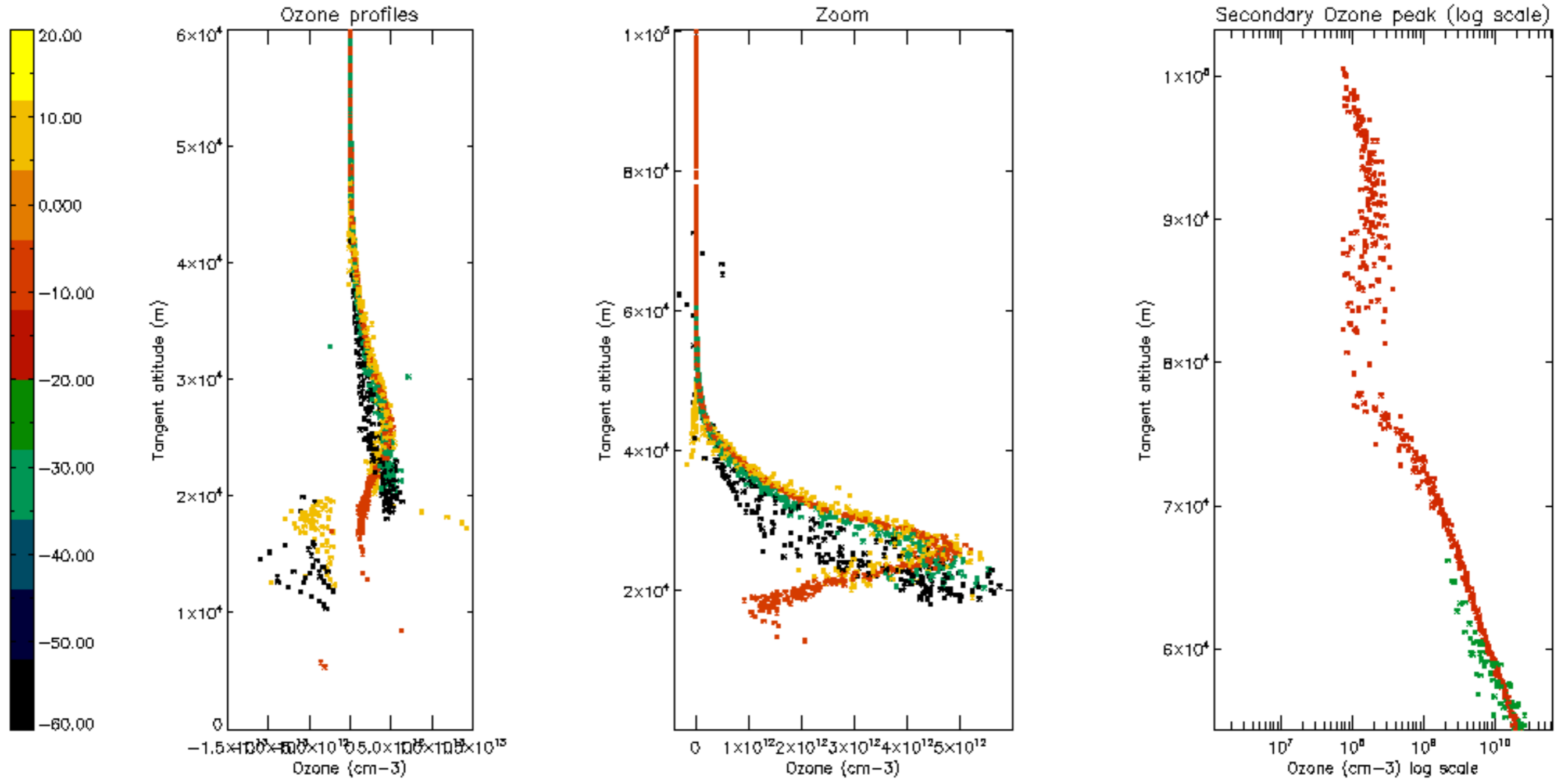
Percentage of star falling outside central band per profile

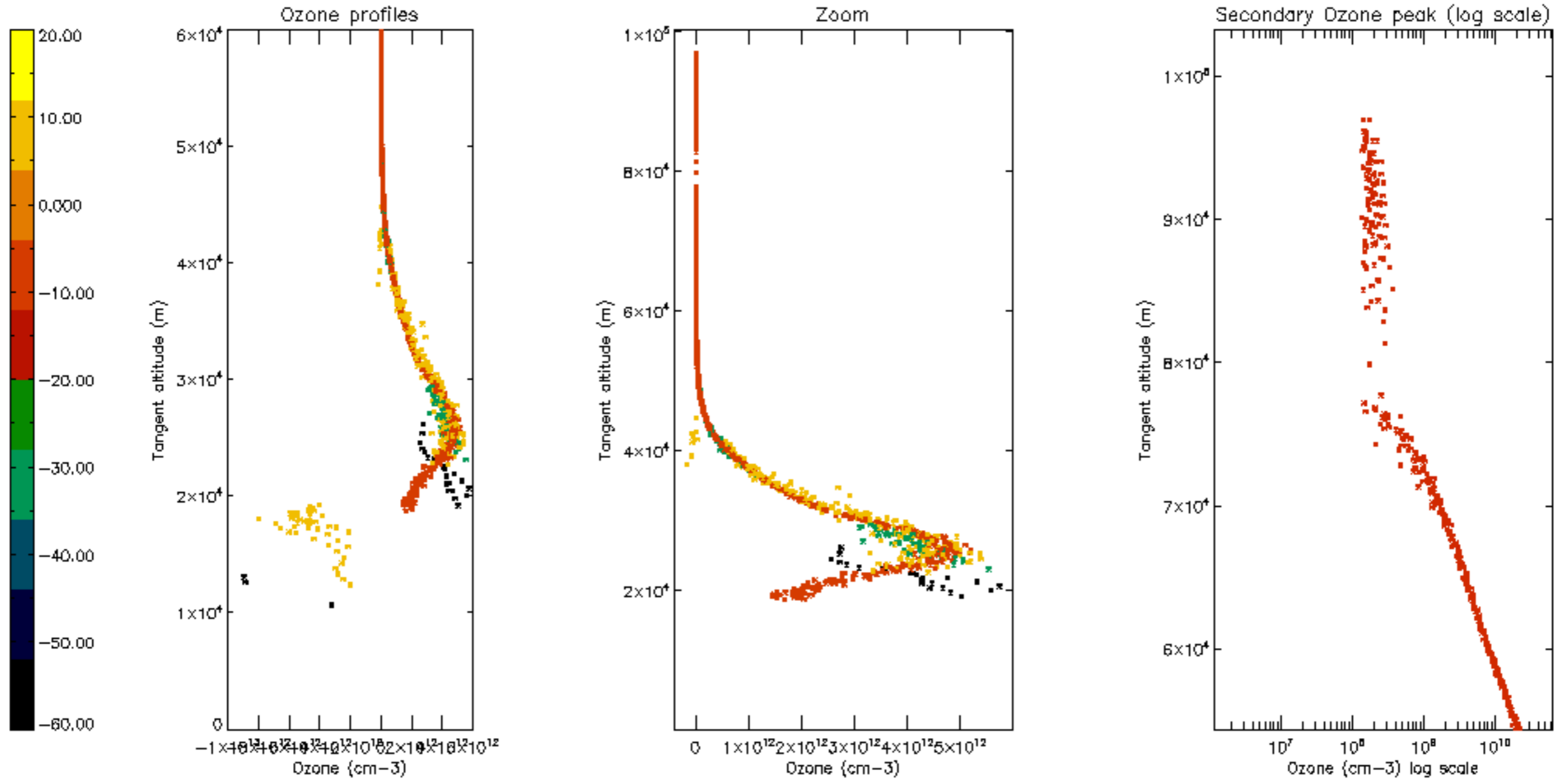


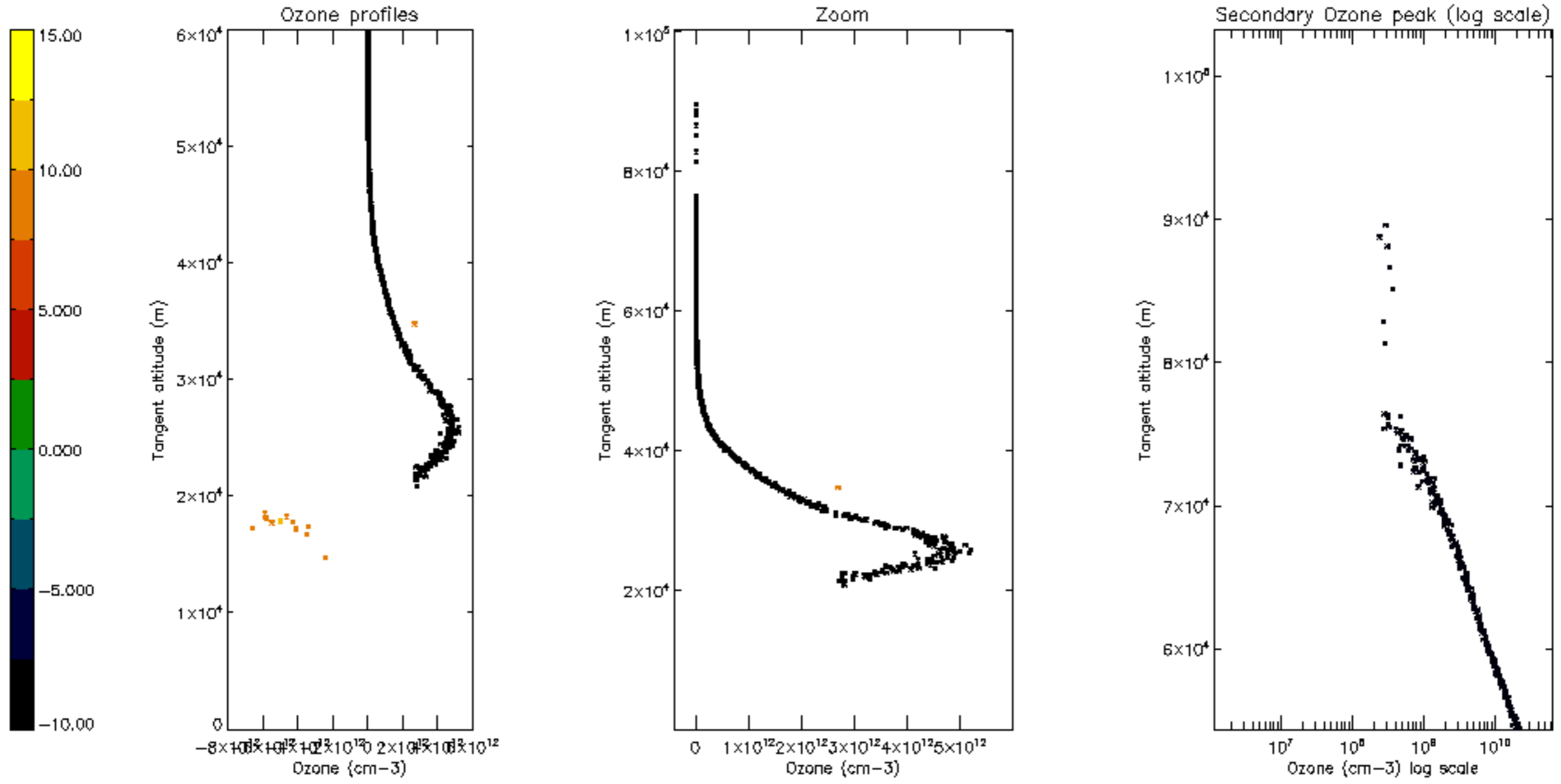
Percentage of saturation errors per profile



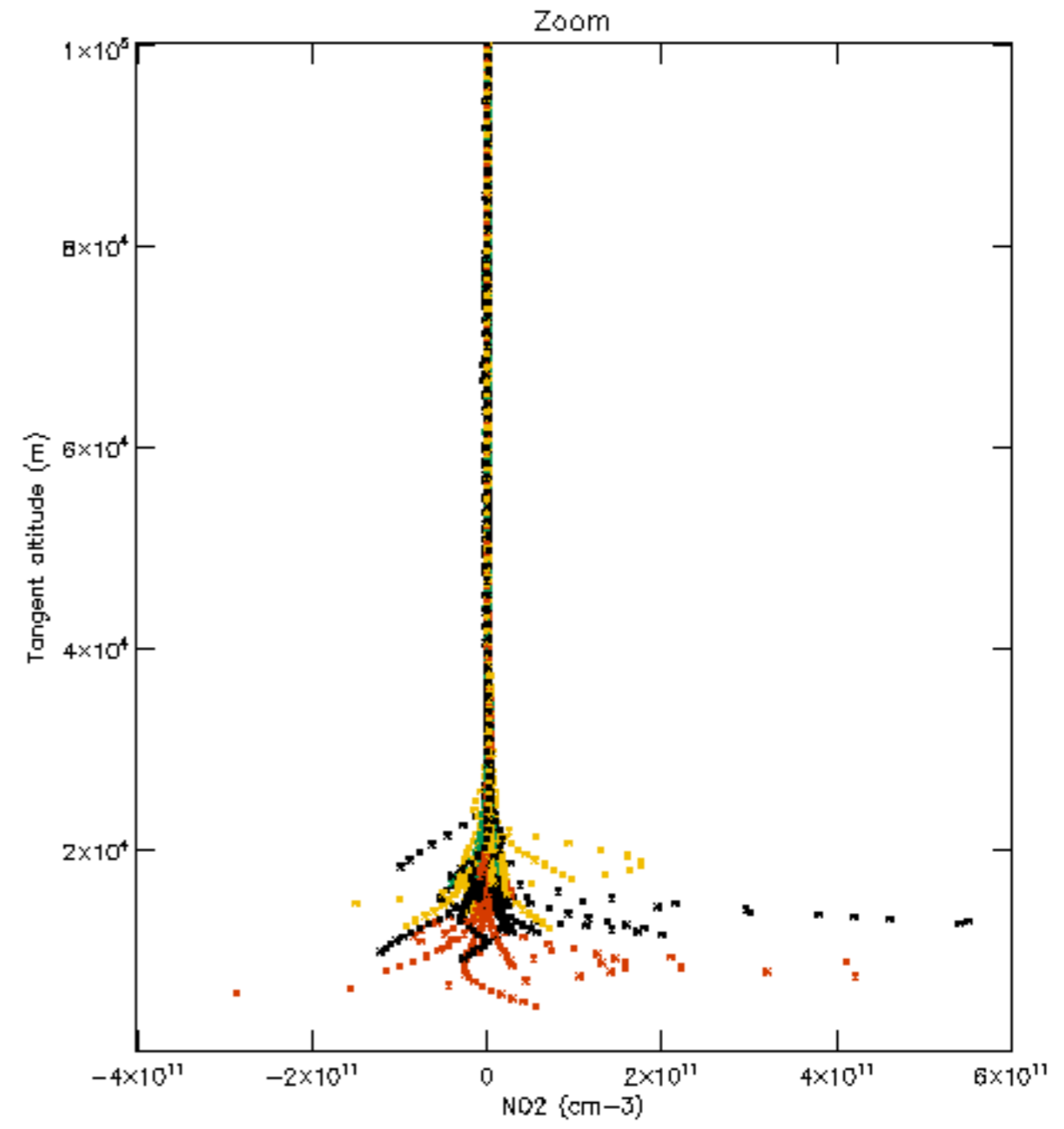
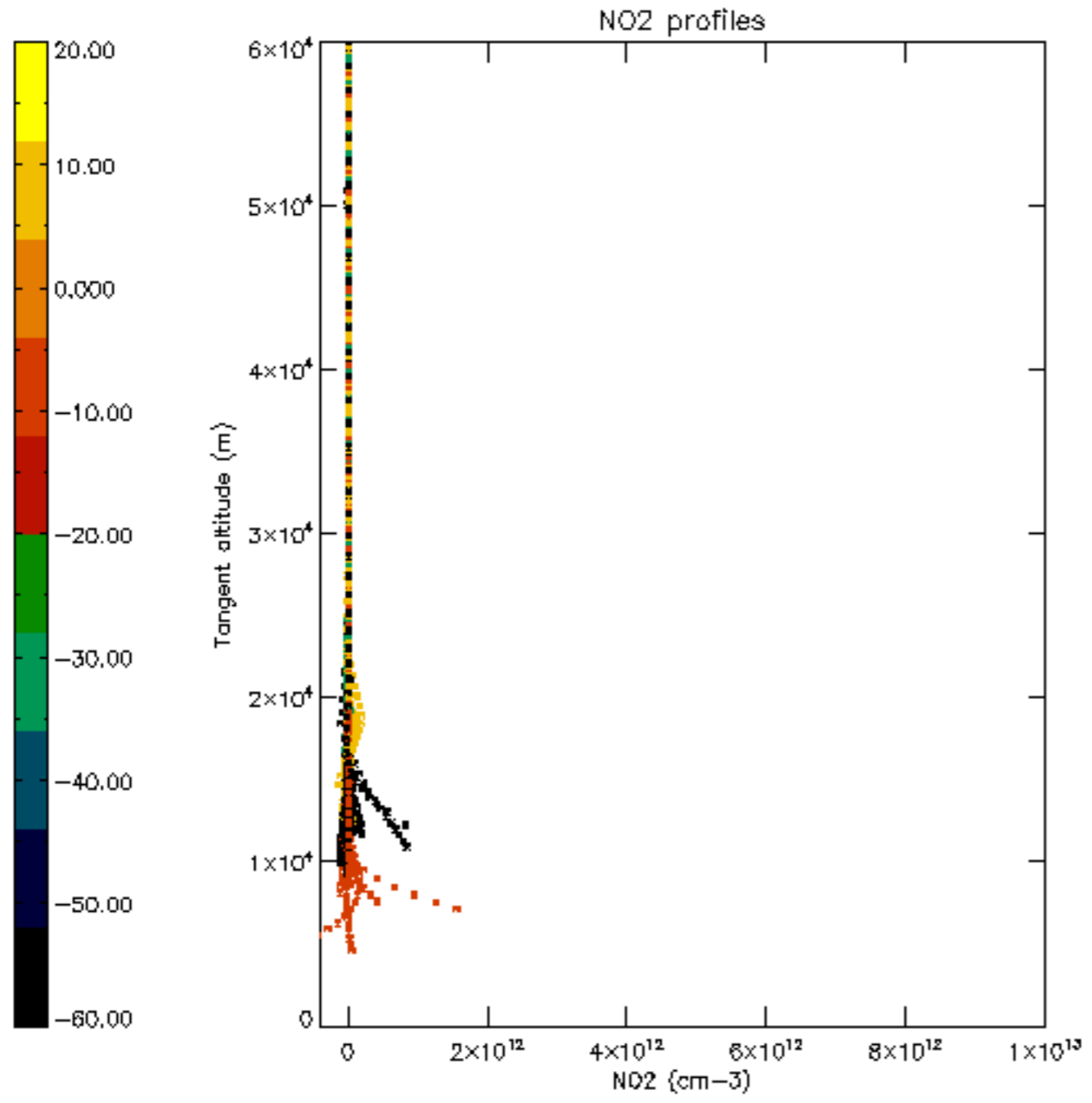


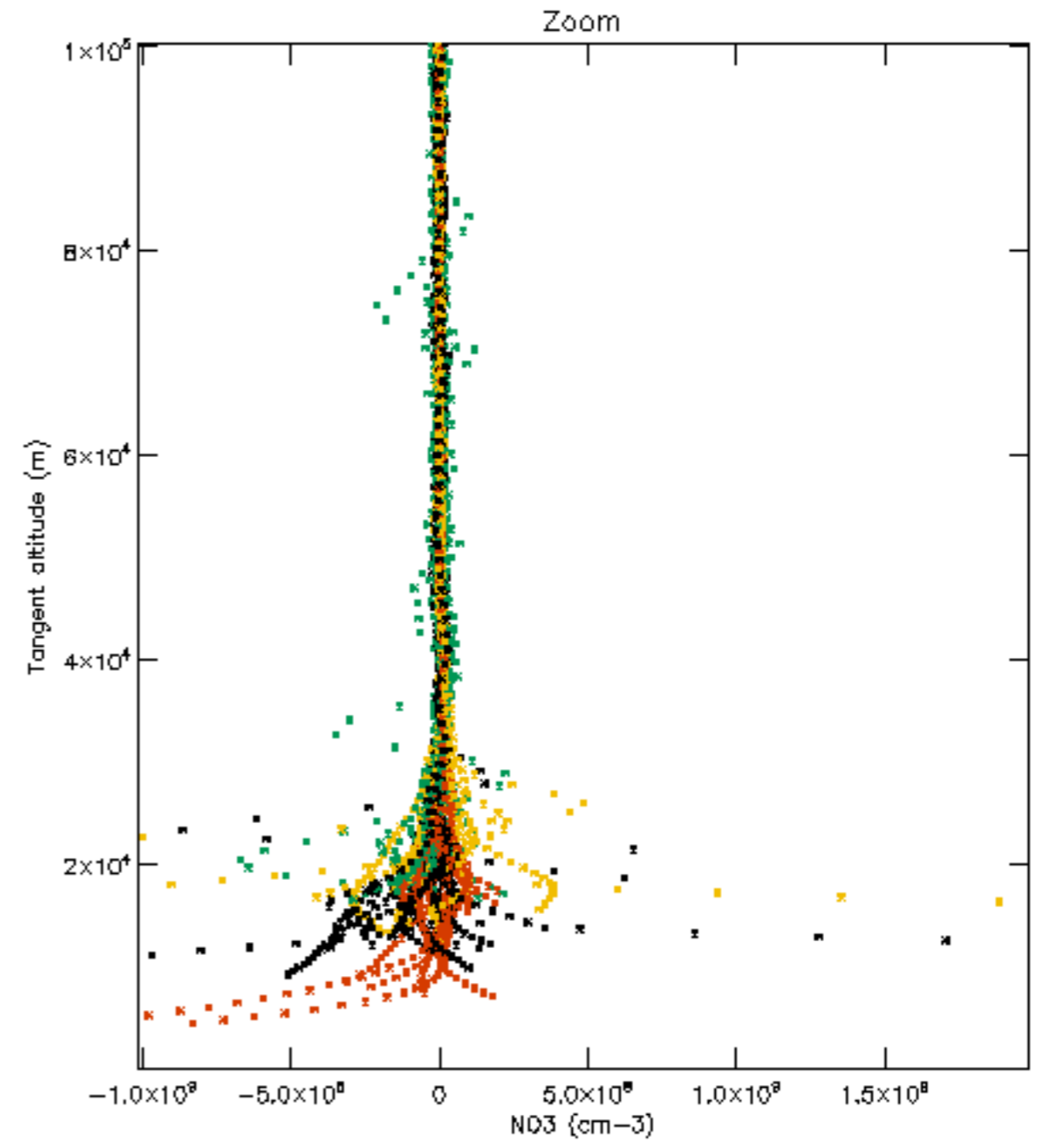
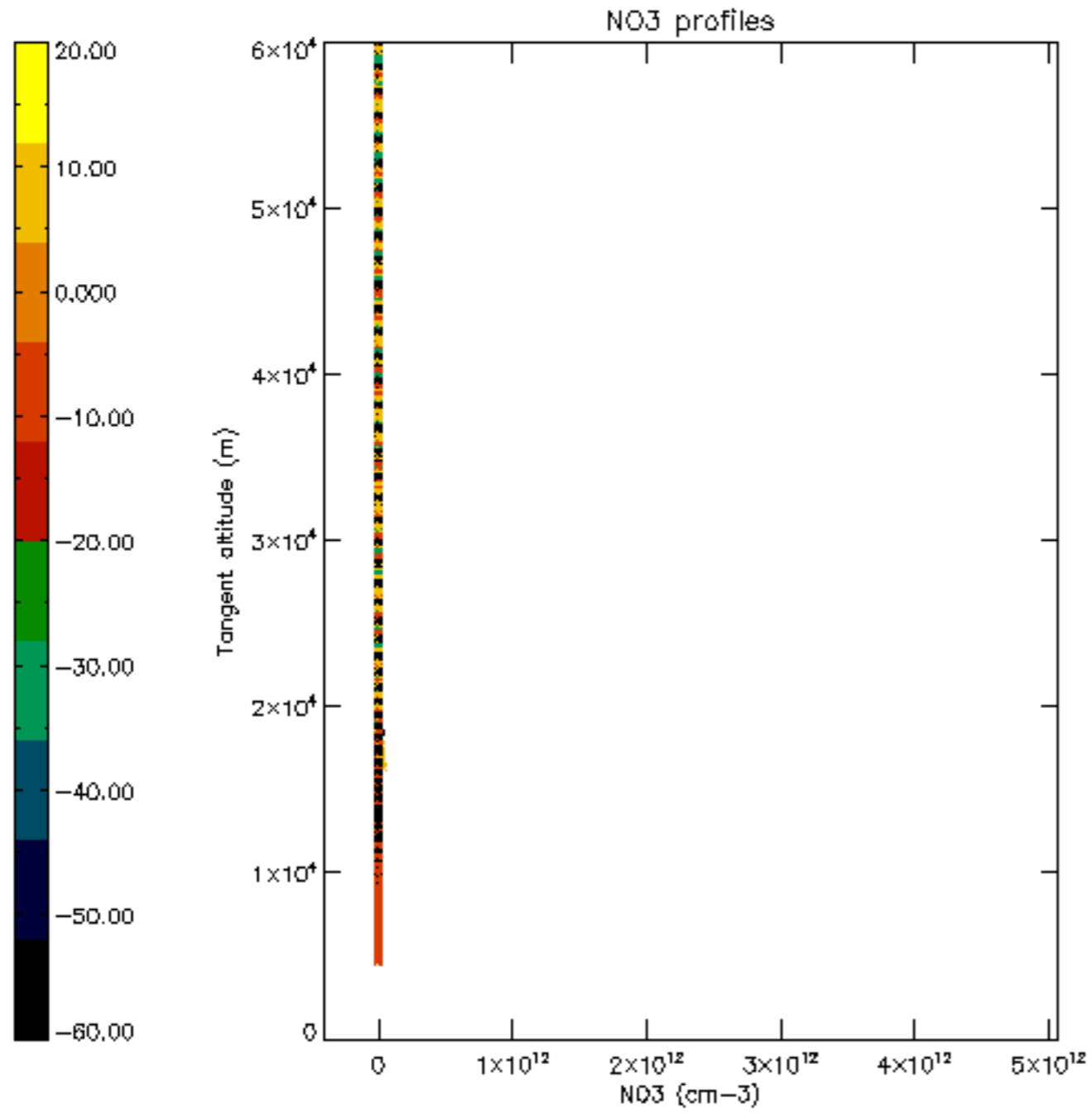


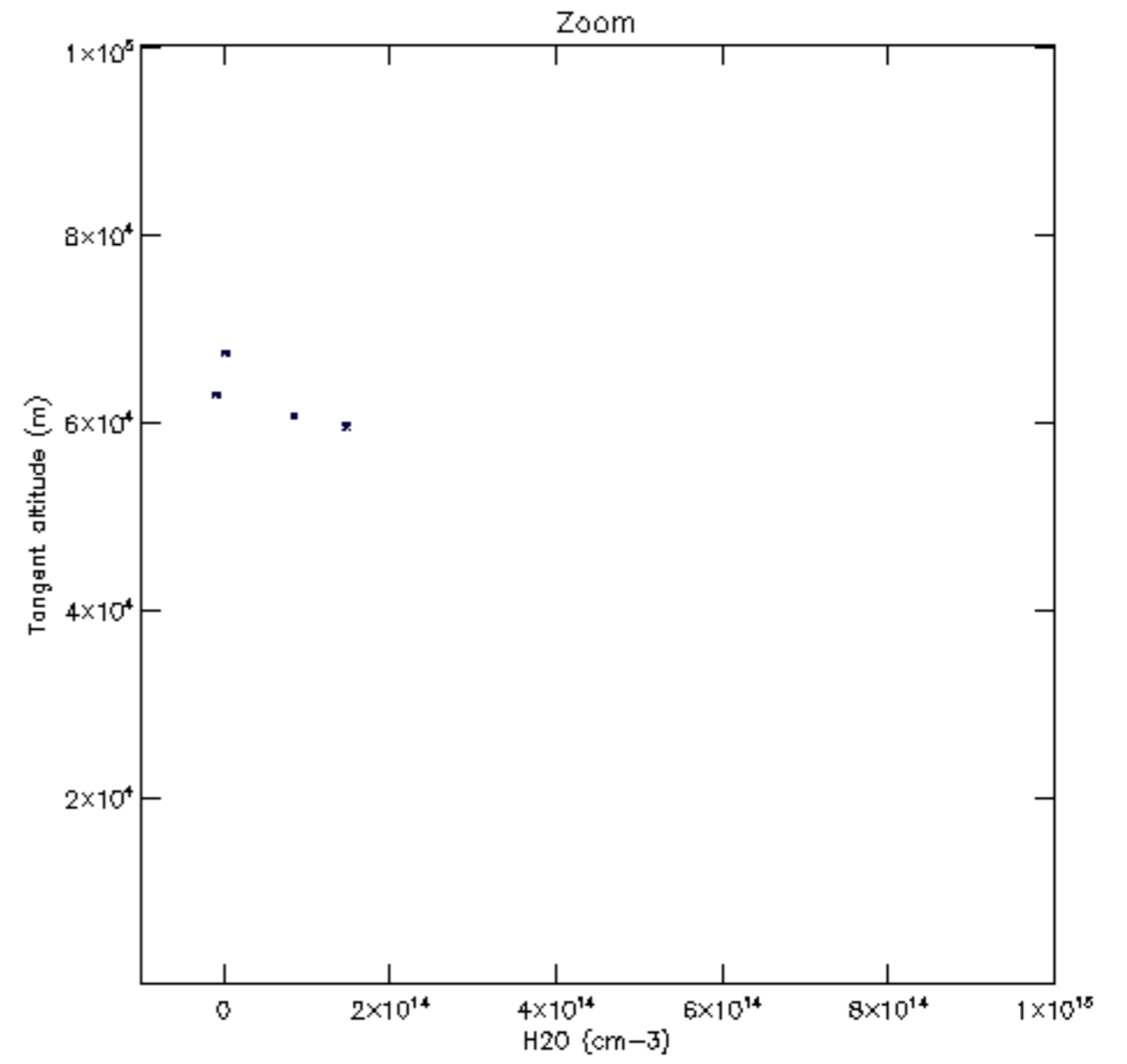
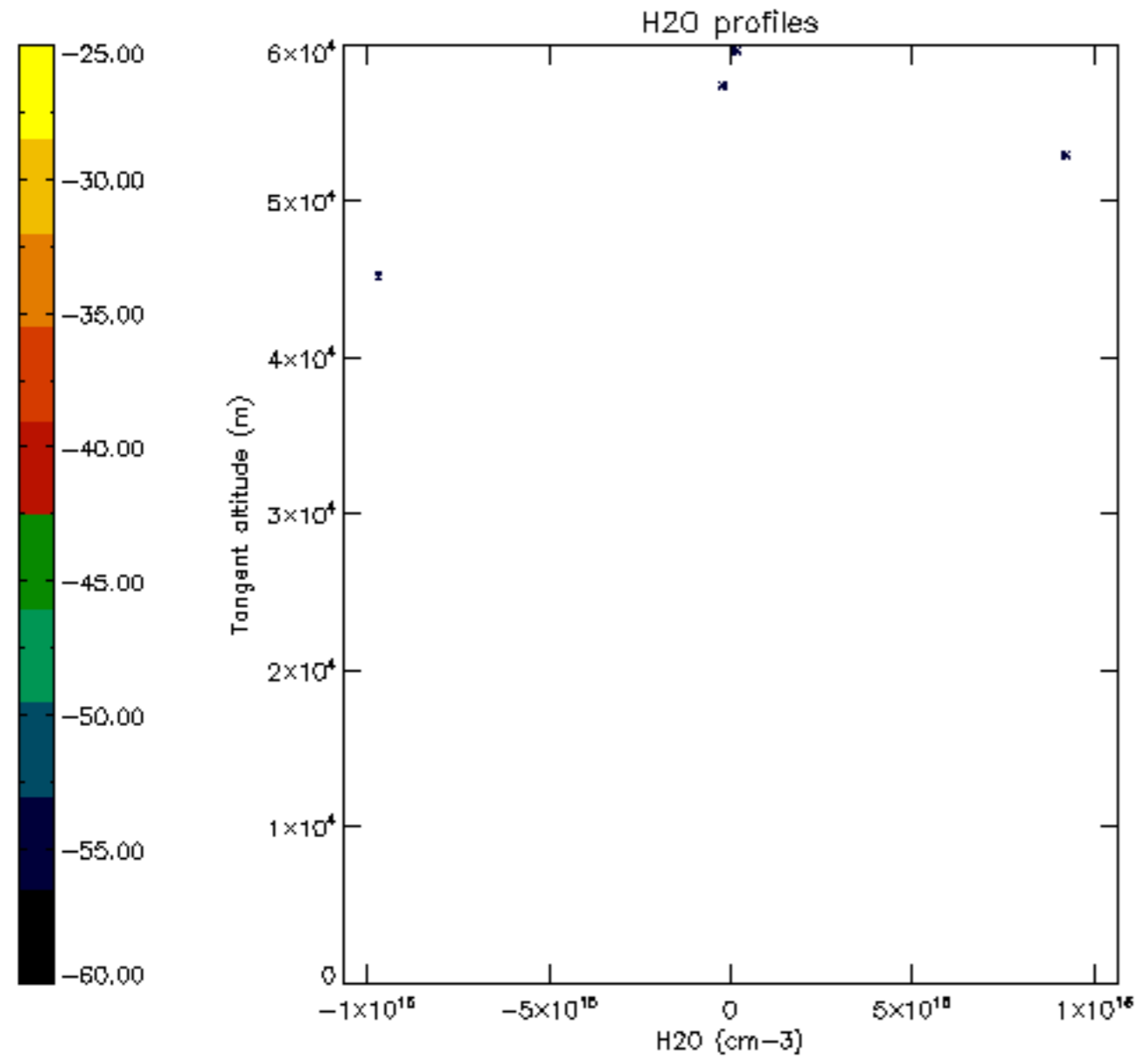


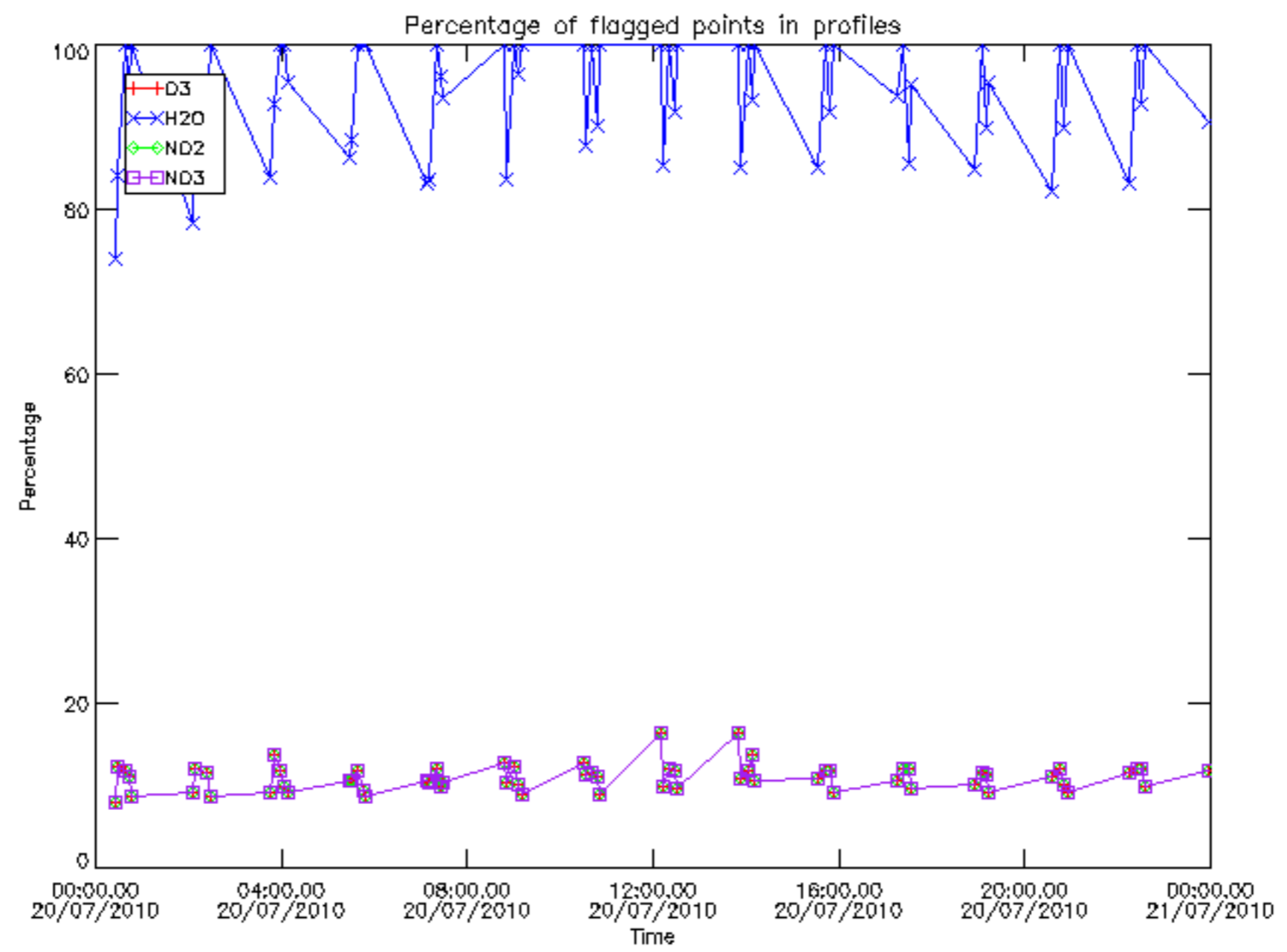




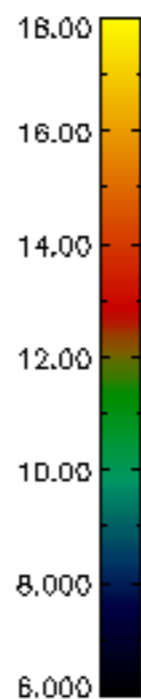
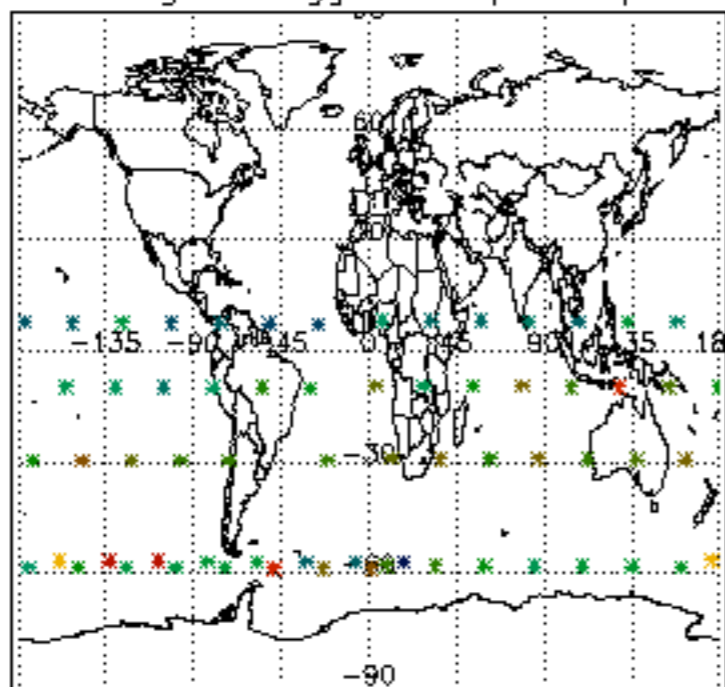




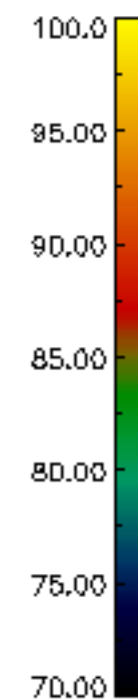
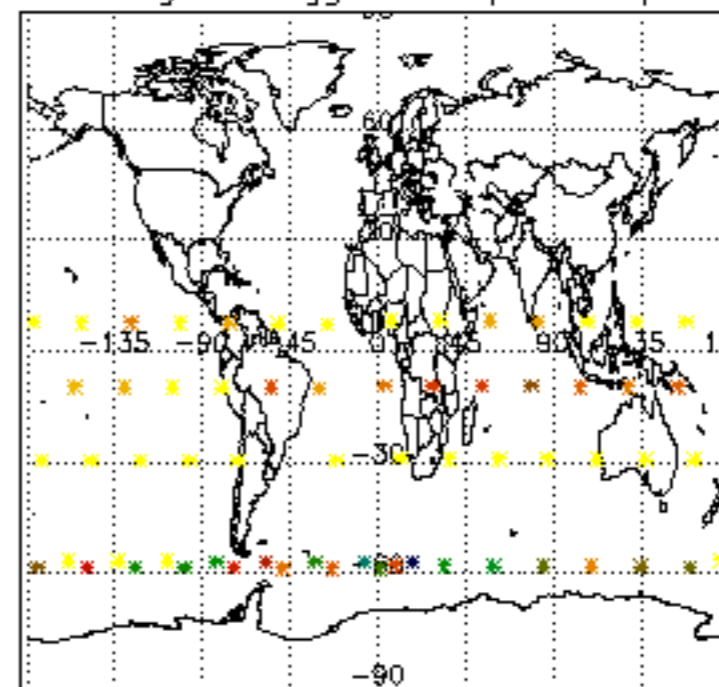




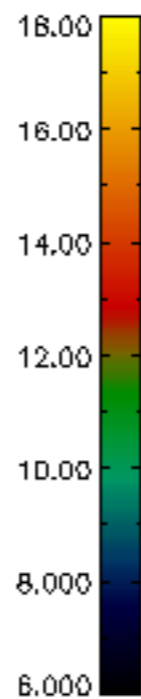
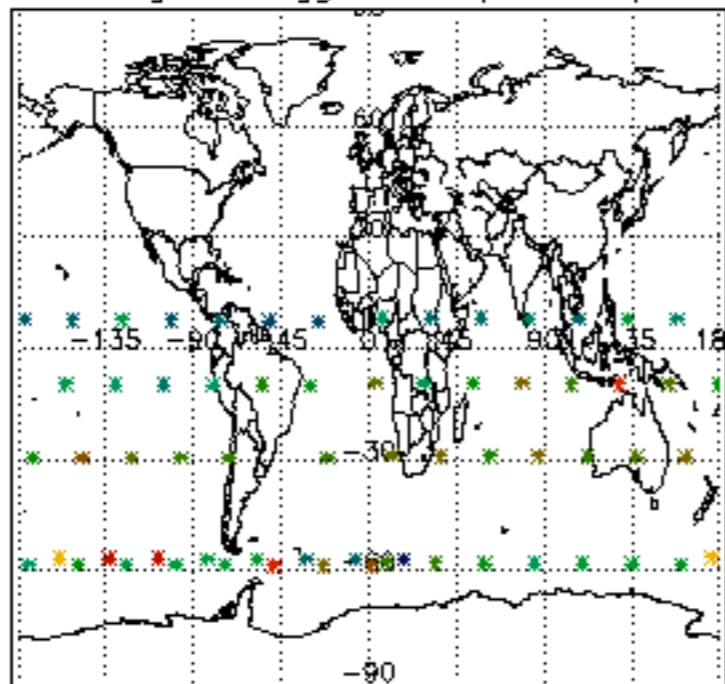
Percentage of flagged data per D3 profile



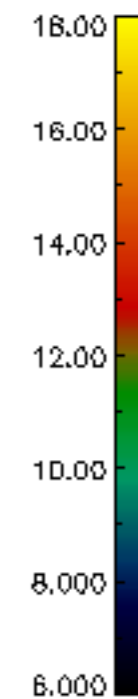
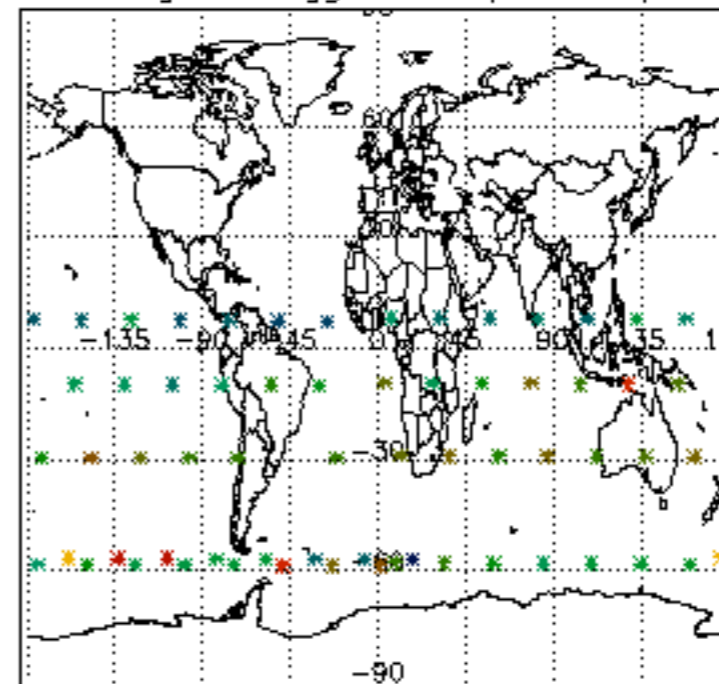
Percentage of flagged data per H2O profile

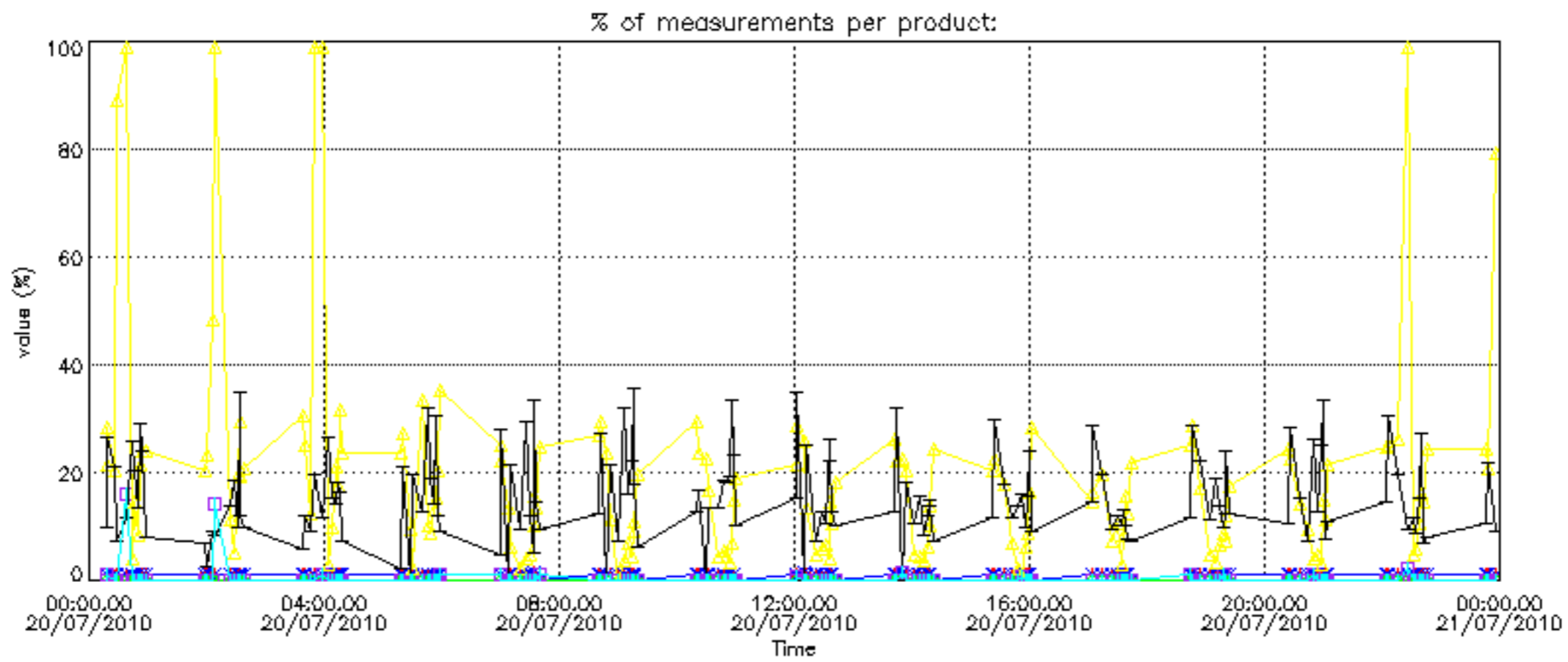


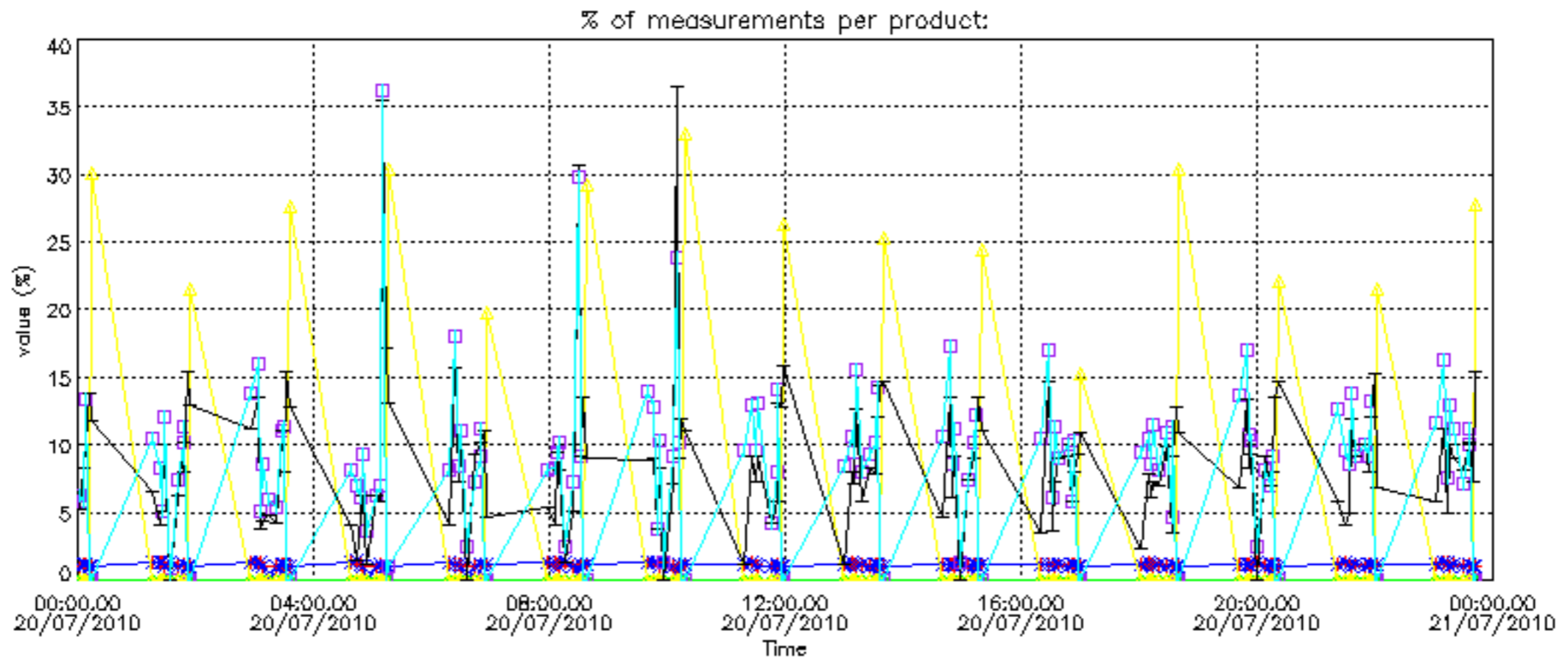
Percentage of flagged data per NO2 profile



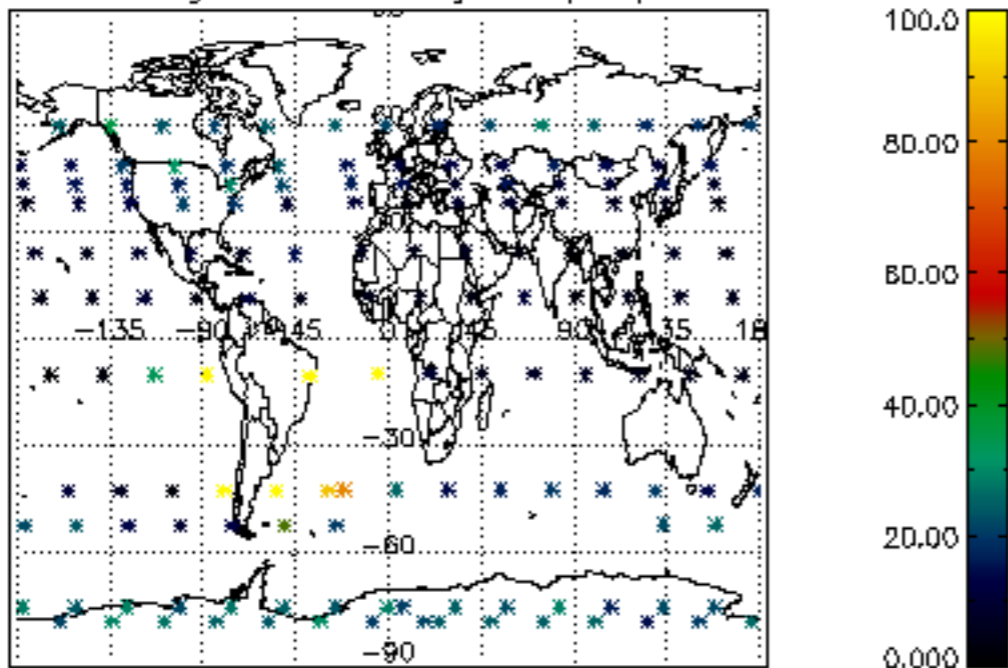
Percentage of flagged data per NO3 profile



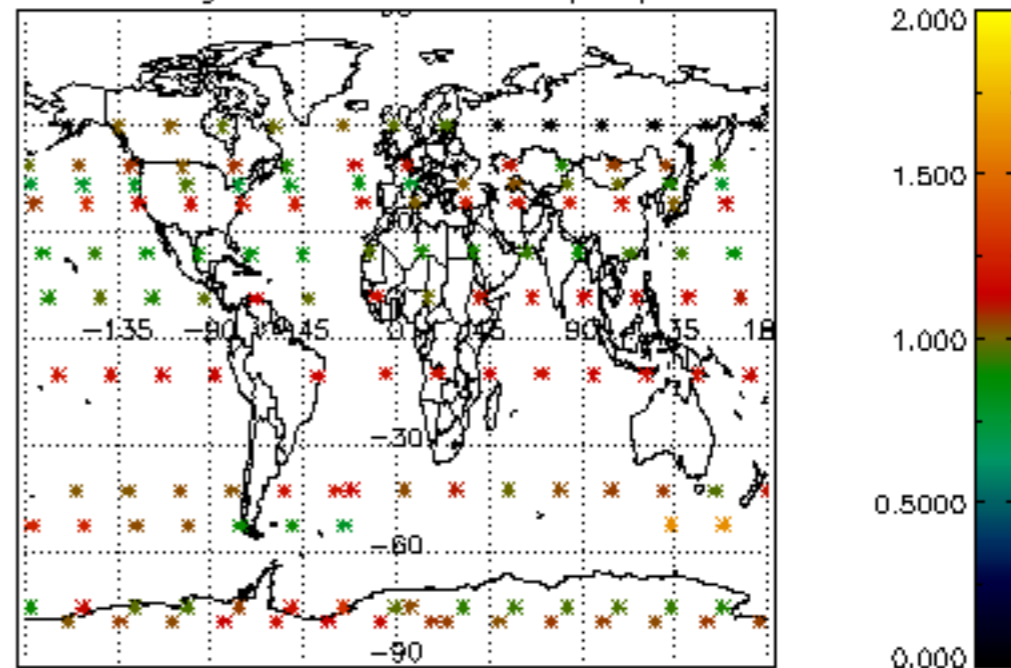




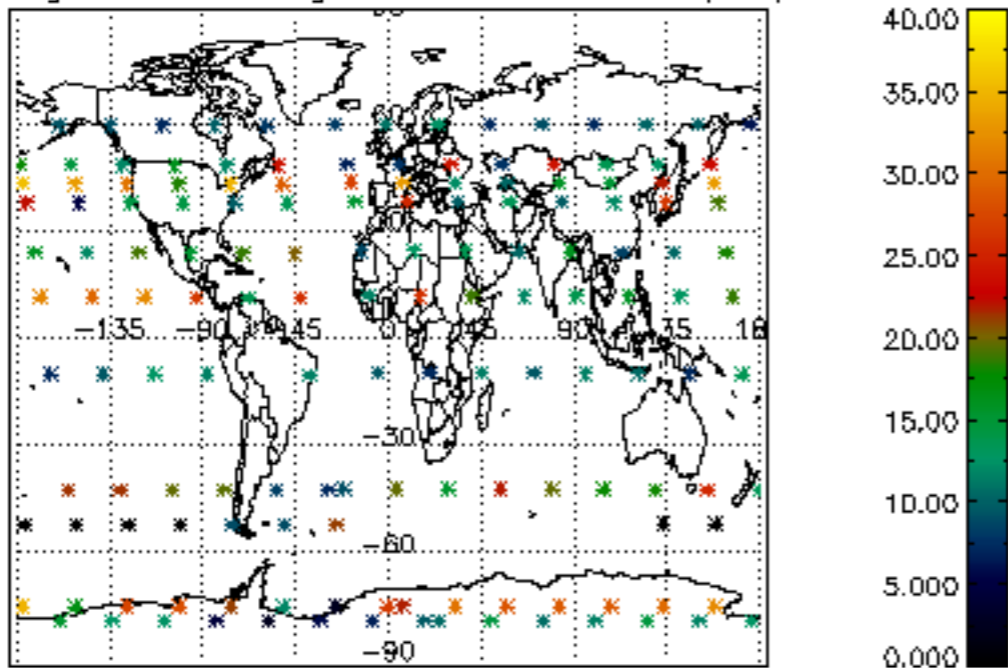
Percentage of cosmic ray hits per profile



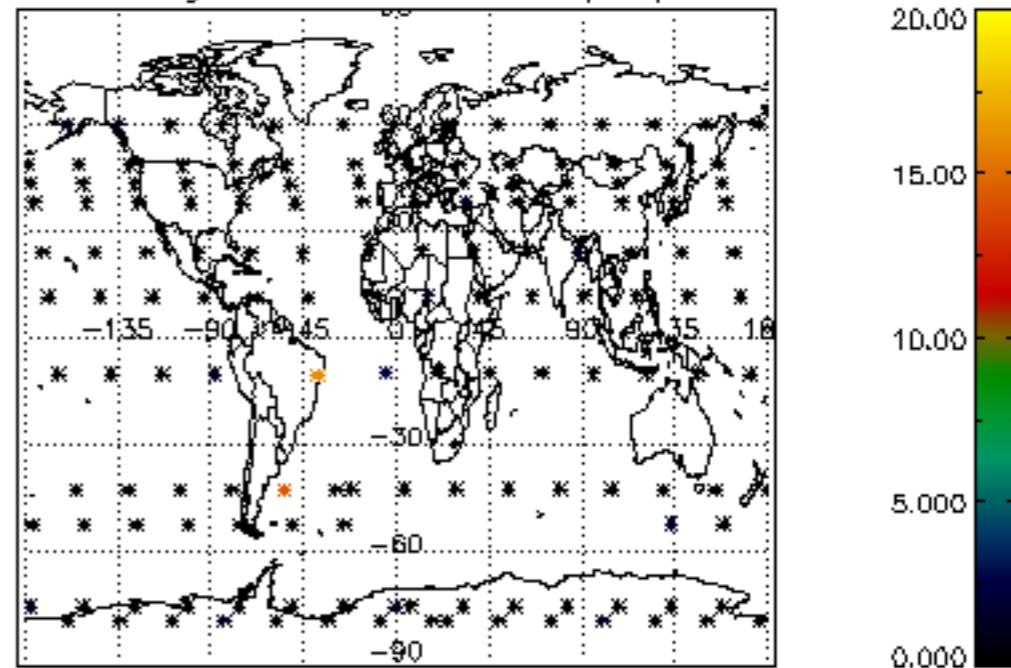
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

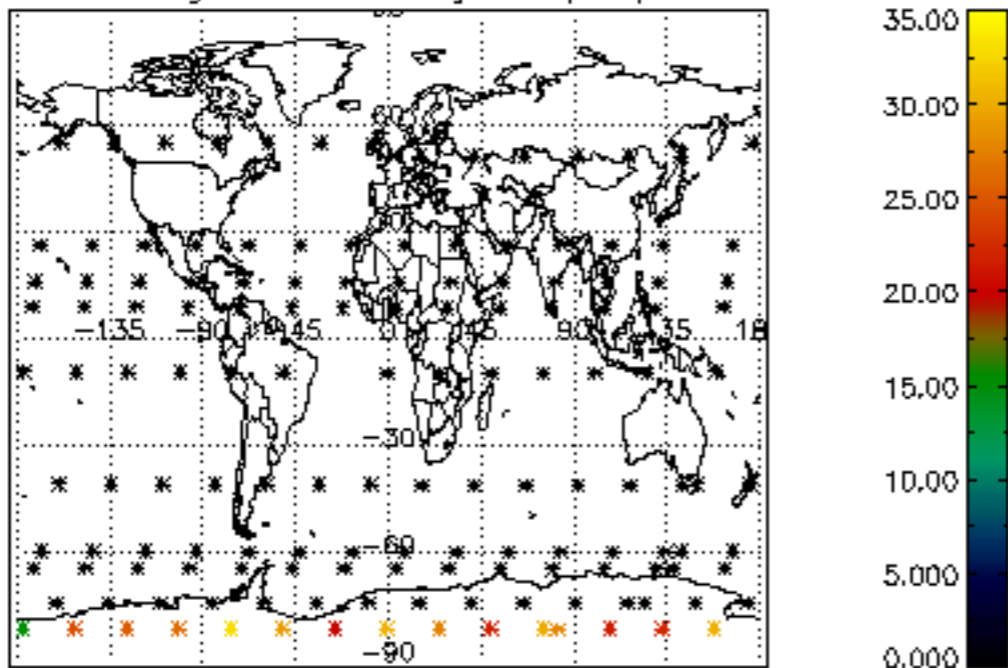


Percentage of saturation errors per profile

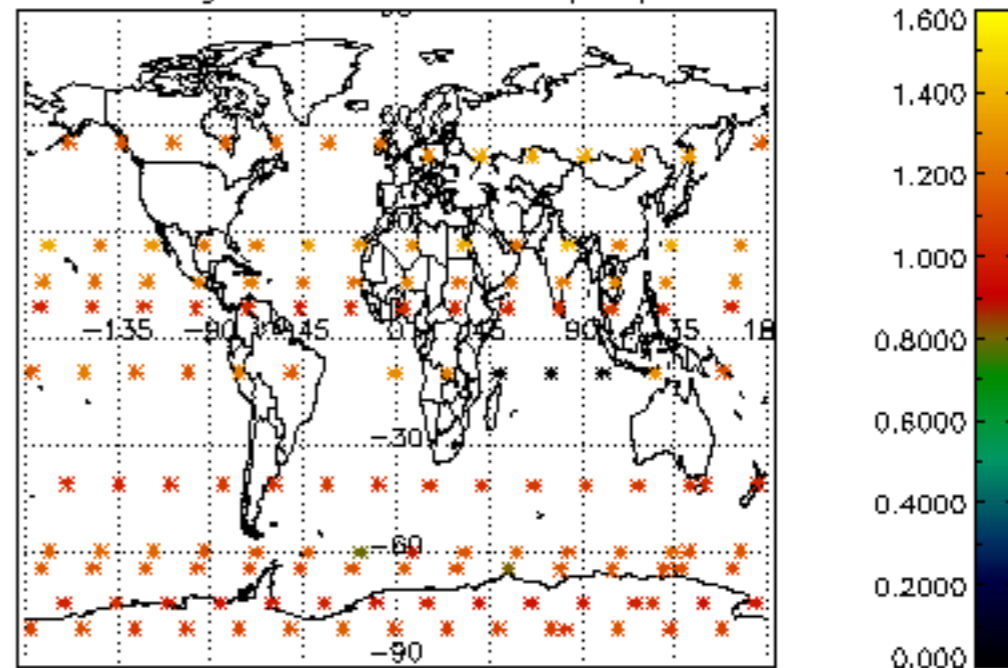




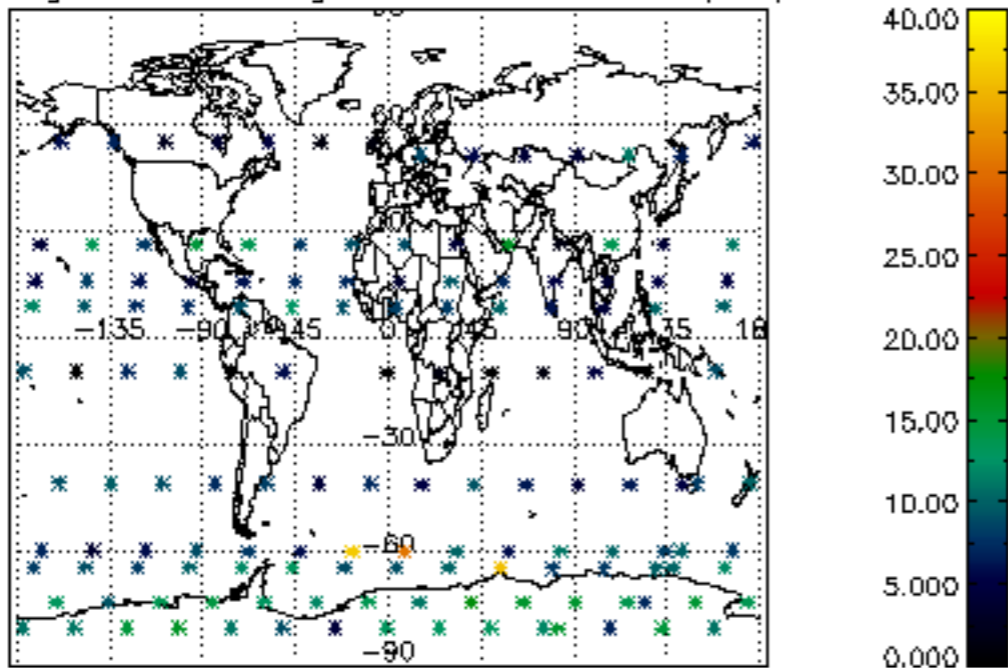
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

