

# GOMOS Level 2 Daily Report

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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 11:55:58
Data source version	GOMOS/6.01
Start time of products	14-06-2010 (14JUN2010 00:00:00)
Stop time of products	15-06-2010 (15JUN2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	287
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__2PRFIN20100614_000453_000000442090_00188_43328_4541.N1	14-JUN-2010 00:04:53	Bright	43.500	126	60Bet Oph	2.7700	4250.0	87	43328	No
2	GOM_NL__2PRFIN20100614_000726_000000472090_00188_43328_4542.N1	14-JUN-2010 00:07:26	Bright	46.500	59	55Alp Oph	2.0800	8900.0	93	43328	No
3	GOM_NL__2PRFIN20100614_000918_000000402090_00188_43328_4543.N1	14-JUN-2010 00:09:18	Bright	40.000	127	27Bet Her	2.7810	4700.0	80	43328	No
4	GOM_NL__2PRFIN20100614_001223_000000382090_00188_43328_4544.N1	14-JUN-2010 00:12:23	Bright	38.000	133	40Zet Her	2.8070	6000.0	76	43328	No
5	GOM_NL__2PRFIN20100614_001918_000000412090_00188_43328_4545.N1	14-JUN-2010 00:19:18	Bright	41.000	130	23Bet Dra	2.7990	5800.0	82	43328	No
6	GOM_NL__2PRFIN20100614_002043_000000342090_00188_43328_4546.N1	14-JUN-2010 00:20:43	Bright	34.000	119	14Eta Dra	2.7270	4700.0	68	43328	No
7	GOM_NL__2PRFIN20100614_002950_000000482090_00188_43328_4547.N1	14-JUN-2010 00:29:50	Bright	47.500	89	5Alp Cep	2.4510	8000.0	95	43328	No
8	GOM_NL__2PRFIN20100614_003605_000000452090_00188_43328_4548.N1	14-JUN-2010 00:36:05	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	43328	No
9	GOM_NL__2PRFIN20100614_004226_000000412090_00188_43328_4549.N1	14-JUN-2010 00:42:26	Bright	40.500	73	57Gam1And	2.2600	13100.	81	43328	No
10	GOM_NL__2PRFIN20100614_004447_000000572090_00188_43328_4550.N1	14-JUN-2010 00:44:47	Twilight	56.500	53	43Bet And	2.0480	3300.0	113	43328	No
11	GOM_NL__2PRFIN20100614_004812_000000482090_00188_43328_4551.N1	14-JUN-2010 00:48:12	Twilight	48.000	50	13Alp Ari	2.0070	4250.0	96	43328	No
12	GOM_NL__2PRFIN20100614_010332_000000532090_00188_43328_4552.N1	14-JUN-2010 01:03:32	Dark	53.000	52	16Bet Cet	2.0370	4500.0	106	43328	No
13	GOM_NL__2PRFIN20100614_010951_000000502090_00188_43328_4553.N1	14-JUN-2010 01:09:51	Dark	50.000	84	Alp Phe	2.3970	4500.0	100	43328	No
14	GOM_NL__2PRFIN20100614_011559_000000522090_00189_43329_4542.N1	14-JUN-2010 01:15:59	Dark	52.000	63	Bet Gru	2.1500	2800.0	104	43329	No
15	GOM_NL__2PRFIN20100614_011801_000000482090_00189_43329_4543.N1	14-JUN-2010 01:18:01	Dark	47.500	31	Alp Gru	1.7340	15200.	95	43329	No
16	GOM_NL__2PRFIN20100614_011946_000000562090_00189_43329_4544.N1	14-JUN-2010 01:19:46	Straylight	56.000	172	Gam Gru	3.0030	13100.	112	43329	No
17	GOM_NL__2PRFIN20100614_012202_000000432090_00189_43329_4545.N1	14-JUN-2010 01:22:02	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	43329	No
18	GOM_NL__2PRFIN20100614_013204_000000442090_00189_43329_4546.N1	14-JUN-2010 01:32:04	Twilight	44.000	25	35Lam Sco	1.6200	28000.	88	43329	No
19	GOM_NL__2PRFIN20100614_013326_000000512090_00189_43329_4547.N1	14-JUN-2010 01:33:26	Twilight	50.500	167	10Gam2Sgr	2.9840	4500.0	101	43329	No
20	GOM_NL__2PRFIN20100614_013844_000000402090_00189_43329_4548.N1	14-JUN-2010 01:38:44	Bright	40.000	86	35Eta Oph	2.4300	10200.	80	43329	No
21	GOM_NL__2PRFIN20100614_014529_000000442090_00189_43329_4549.N1	14-JUN-2010 01:45:29	Bright	44.000	126	60Bet Oph	2.7700	4250.0	88	43329	No
22	GOM_NL__2PRFIN20100614_014802_000000472090_00189_43329_4550.N1	14-JUN-2010 01:48:02	Bright	46.500	59	55Alp Oph	2.0800	8900.0	93	43329	No
23	GOM_NL__2PRFIN20100614_014954_000000412090_00189_43329_4551.N1	14-JUN-2010 01:49:54	Bright	40.500	127	27Bet Her	2.7810	4700.0	81	43329	No
24	GOM_NL__2PRFIN20100614_015259_000000402090_00189_43329_4552.N1	14-JUN-2010 01:52:59	Bright	39.500	133	40Zet Her	2.8070	6000.0	79	43329	No
25	GOM_NL__2PRFIN20100614_015953_000000402090_00189_43329_4553.N1	14-JUN-2010 01:59:53	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	43329	No
26	GOM_NL__2PRFIN20100614_020119_000000342090_00189_43329_4554.N1	14-JUN-2010 02:01:19	Bright	34.000	119	14Eta Dra	2.7270	4700.0	68	43329	No
27	GOM_NL__2PRFIN20100614_021026_000000492090_00189_43329_4555.N1	14-JUN-2010 02:10:26	Bright	48.500	89	5Alp Cep	2.4510	8000.0	97	43329	No
28	GOM_NL__2PRFIN20100614_021641_000000452090_00189_43329_4556.N1	14-JUN-2010 02:16:41	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	43329	No
29	GOM_NL__2PRFIN20100614_022302_000000402090_00189_43329_4557.N1	14-JUN-2010 02:23:02	Bright	40.000	73	57Gam1And	2.2600	13100.	80	43329	No
30	GOM_NL__2PRFIN20100614_022523_000000642090_00189_43329_4558.N1	14-JUN-2010 02:25:23	Twilight	64.000	53	43Bet And	2.0480	3300.0	128	43329	No
31	GOM_NL__2PRFIN20100614_022848_000000492090_00189_43329_4559.N1	14-JUN-2010 02:28:48	Twilight	49.000	50	13Alp Ari	2.0070	4250.0	98	43329	No
32	GOM_NL__2PRFIN20100614_024409_000000542090_00189_43329_4560.N1	14-JUN-2010 02:44:09	Dark	54.000	52	16Bet Cet	2.0370	4500.0	108	43329	No
33	GOM_NL__2PRFIN20100614_025028_000000472090_00189_43329_4561.N1	14-JUN-2010 02:50:28	Dark	46.500	84	Alp Phe	2.3970	4500.0	93	43329	No
34	GOM_NL__2PRFIN20100614_025635_000000472090_00190_43330_4562.N1	14-JUN-2010 02:56:35	Dark	47.000	63	Bet Gru	2.1500	2800.0	94	43330	No
35	GOM_NL__2PRFIN20100614_025838_000000492090_00190_43330_4551.N1	14-JUN-2010 02:58:38	Dark	48.500	31	Alp Gru	1.7340	15200.	97	43330	No
36	GOM_NL__2PRFIN20100614_030023_000000582090_00190_43330_4552.N1	14-JUN-2010 03:00:23	Straylight	57.500	172	Gam Gru	3.0030	13100.	115	43330	No
37	GOM_NL__2PRFIN20100614_030239_000000422090_00190_43330_4553.N1	14-JUN-2010 03:02:39	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	43330	No
38	GOM_NL__2PRFIN20100614_031240_000000452090_00190_43330_4554.N1	14-JUN-2010 03:12:40	Twilight	44.500	25	35Lam Sco	1.6200	28000.	89	43330	No
39	GOM_NL__2PRFIN20100614_031403_000000512090_00190_43330_4555.N1	14-JUN-2010 03:14:03	Twilight	51.000	167	10Gam2Sgr	2.9840	4500.0	102	43330	No
40	GOM_NL__2PRFIN20100614_031920_000000402090_00190_43330_4556.N1	14-JUN-2010 03:19:20	Bright	40.000	86	35Eta Oph	2.4300	10200.	80	43330	No
41	GOM_NL__2PRFIN20100614_032604_000000452090_00190_43330_4557.N1	14-JUN-2010 03:26:04	Bright	45.000	126	60Bet Oph	2.7700	4250.0	90	43330	No
42	GOM_NL__2PRFIN20100614_032838_000000472090_00190_43330_4558.N1	14-JUN-2010 03:28:38	Bright	46.500	59	55Alp Oph	2.0800	8900.0	93	43330	No

43	GOM_NL__2PRFIN20100614_033030_000000372090_00190_43330_4559.N1	14-JUN-2010 03:30:30	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	43330	No
44	GOM_NL__2PRFIN20100614_033334_000000412090_00190_43330_4560.N1	14-JUN-2010 03:33:34	Bright	40.500	133	40Zet Her	2.8070	6000.0	81	43330	No
45	GOM_NL__2PRFIN20100614_034029_000000412090_00190_43330_4561.N1	14-JUN-2010 03:40:29	Bright	40.500	130	23Bet Dra	2.7990	5800.0	81	43330	No
46	GOM_NL__2PRFIN20100614_034155_000000392090_00190_43330_4562.N1	14-JUN-2010 03:41:55	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	43330	No
47	GOM_NL__2PRFIN20100614_035101_000000482090_00190_43330_4563.N1	14-JUN-2010 03:51:01	Bright	48.000	89	5Alp Cep	2.4510	8000.0	96	43330	No
48	GOM_NL__2PRFIN20100614_035717_000000462090_00190_43330_4564.N1	14-JUN-2010 03:57:17	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	43330	No
49	GOM_NL__2PRFIN20100614_040339_000000562090_00190_43330_4565.N1	14-JUN-2010 04:03:39	Bright	56.000	73	57Gam1And	2.2600	13100.	112	43330	No
50	GOM_NL__2PRFIN20100614_040559_000000542090_00190_43330_4566.N1	14-JUN-2010 04:05:59	Twilight	53.500	53	43Bet And	2.0480	3300.0	107	43330	No
51	GOM_NL__2PRFIN20100614_040924_000000462090_00190_43330_4567.N1	14-JUN-2010 04:09:24	Twilight	45.500	50	13Alp Ari	2.0070	4250.0	91	43330	No
52	GOM_NL__2PRFIN20100614_042445_000000552090_00190_43330_4568.N1	14-JUN-2010 04:24:45	Dark	55.000	52	16Bet Cet	2.0370	4500.0	110	43330	No
53	GOM_NL__2PRFIN20100614_043105_000000502090_00190_43330_4569.N1	14-JUN-2010 04:31:05	Dark	50.000	84	Alp Phe	2.3970	4500.0	100	43330	No
54	GOM_NL__2PRFIN20100614_043713_000000592090_00191_43331_4578.N1	14-JUN-2010 04:37:13	Dark	59.000	63	Bet Gru	2.1500	2800.0	118	43331	No
55	GOM_NL__2PRFIN20100614_043915_000000482090_00191_43331_4579.N1	14-JUN-2010 04:39:15	Dark	47.500	31	Alp Gru	1.7340	15200.	95	43331	No
56	GOM_NL__2PRFIN20100614_044101_000000562090_00191_43331_4580.N1	14-JUN-2010 04:41:01	Straylight	56.000	172	Gam Gru	3.0030	13100.	112	43331	No
57	GOM_NL__2PRFIN20100614_044315_000000442090_00191_43331_4581.N1	14-JUN-2010 04:43:15	Straylight	43.500	45	Alp Pav	1.9400	26000.	87	43331	No
58	GOM_NL__2PRFIN20100614_045316_000000462090_00191_43331_4582.N1	14-JUN-2010 04:53:16	Twilight	46.000	25	35Lam Sco	1.6200	28000.	92	43331	No
59	GOM_NL__2PRFIN20100614_045439_000000492090_00191_43331_4583.N1	14-JUN-2010 04:54:39	Twilight	49.000	167	10Gam2Sgr	2.9840	4500.0	98	43331	No
60	GOM_NL__2PRFIN20100614_045956_000000402090_00191_43331_4584.N1	14-JUN-2010 04:59:56	Bright	40.000	86	35Eta Oph	2.4300	10200.	80	43331	No
61	GOM_NL__2PRFIN20100614_050640_000000462090_00191_43331_4585.N1	14-JUN-2010 05:06:40	Bright	45.500	126	60Bet Oph	2.7700	4250.0	91	43331	No
62	GOM_NL__2PRFIN20100614_050913_000000442090_00191_43331_4586.N1	14-JUN-2010 05:09:13	Bright	43.500	59	55Alp Oph	2.0800	8900.0	87	43331	No
63	GOM_NL__2PRFIN20100614_051105_000000372090_00191_43331_4587.N1	14-JUN-2010 05:11:05	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	43331	No
64	GOM_NL__2PRFIN20100614_051410_000000412090_00191_43331_4588.N1	14-JUN-2010 05:14:10	Bright	40.500	133	40Zet Her	2.8070	6000.0	81	43331	No
65	GOM_NL__2PRFIN20100614_052105_000000422090_00191_43331_4589.N1	14-JUN-2010 05:21:05	Bright	41.500	130	23Bet Dra	2.7990	5800.0	83	43331	No
66	GOM_NL__2PRFIN20100614_052231_000000382090_00191_43331_4590.N1	14-JUN-2010 05:22:31	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	43331	No
67	GOM_NL__2PRFIN20100614_053136_000000482090_00191_43331_4591.N1	14-JUN-2010 05:31:36	Bright	48.000	89	5Alp Cep	2.4510	8000.0	96	43331	No
68	GOM_NL__2PRFIN20100614_053752_000000452090_00191_43331_4592.N1	14-JUN-2010 05:37:52	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	43331	No
69	GOM_NL__2PRFIN20100614_054415_000000402090_00191_43331_4593.N1	14-JUN-2010 05:44:15	Bright	40.000	73	57Gam1And	2.2600	13100.	80	43331	No
70	GOM_NL__2PRFIN20100614_054635_000000552090_00191_43331_4594.N1	14-JUN-2010 05:46:35	Twilight	55.000	53	43Bet And	2.0480	3300.0	110	43331	No
71	GOM_NL__2PRFIN20100614_055000_000000482090_00191_43331_4595.N1	14-JUN-2010 05:50:00	Twilight	48.000	50	13Alp Ari	2.0070	4250.0	96	43331	No
72	GOM_NL__2PRFIN20100614_060523_000000552090_00191_43331_4596.N1	14-JUN-2010 06:05:23	Dark	54.500	52	16Bet Cet	2.0370	4500.0	109	43331	No
73	GOM_NL__2PRFIN20100614_061141_000000452090_00191_43331_4597.N1	14-JUN-2010 06:11:41	Dark	45.000	84	Alp Phe	2.3970	4500.0	90	43331	No
74	GOM_NL__2PRFIN20100614_061750_000000622090_00192_43332_4586.N1	14-JUN-2010 06:17:50	Dark	62.000	63	Bet Gru	2.1500	2800.0	124	43332	No
75	GOM_NL__2PRFIN20100614_061952_000000482090_00192_43332_4587.N1	14-JUN-2010 06:19:52	Dark	48.000	31	Alp Gru	1.7340	15200.	96	43332	No
76	GOM_NL__2PRFIN20100614_062138_000000562090_00192_43332_4588.N1	14-JUN-2010 06:21:38	Straylight	55.500	172	Gam Gru	3.0030	13100.	111	43332	No
77	GOM_NL__2PRFIN20100614_062352_000000452090_00192_43332_4589.N1	14-JUN-2010 06:23:52	Straylight	45.000	45	Alp Pav	1.9400	26000.	90	43332	No
78	GOM_NL__2PRFIN20100614_063353_000000452090_00192_43332_4590.N1	14-JUN-2010 06:33:53	Twilight	44.500	25	35Lam Sco	1.6200	28000.	89	43332	No
79	GOM_NL__2PRFIN20100614_063515_000000482090_00192_43332_4591.N1	14-JUN-2010 06:35:15	Twilight	47.500	167	10Gam2Sgr	2.9840	4500.0	95	43332	No
80	GOM_NL__2PRFIN20100614_064032_000000422090_00192_43332_4592.N1	14-JUN-2010 06:40:32	Bright	41.500	86	35Eta Oph	2.4300	10200.	83	43332	No
81	GOM_NL__2PRFIN20100614_064716_000000472090_00192_43332_4593.N1	14-JUN-2010 06:47:16	Bright	46.500	126	60Bet Oph	2.7700	4250.0	93	43332	No
82	GOM_NL__2PRFIN20100614_064949_000000652090_00192_43332_4594.N1	14-JUN-2010 06:49:49	Bright	65.000	59	55Alp Oph	2.0800	8900.0	130	43332	No
83	GOM_NL__2PRFIN20100614_065141_000000392090_00192_43332_4595.N1	14-JUN-2010 06:51:41	Bright	38.500	127	27Bet Her	2.7810	4700.0	77	43332	No
84	GOM_NL__2PRFIN20100614_065446_000000562090_00192_43332_4596.N1	14-JUN-2010 06:54:46	Bright	56.000	133	40Zet Her	2.8070	6000.0	112	43332	No
85	GOM_NL__2PRFIN20100614_070140_000000422090_00192_43332_4597.N1	14-JUN-2010 07:01:40	Bright	42.000	130	23Bet Dra	2.7990	5800.0	84	43332	No
86	GOM_NL__2PRFIN20100614_070306_000000372090_00192_43332_4598.N1	14-JUN-2010 07:03:06	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	43332	No
87	GOM_NL__2PRFIN20100614_071212_000000492090_00192_43332_4599.N1	14-JUN-2010 07:12:12	Bright	48.500	89	5Alp Cep	2.4510	8000.0	97	43332	No
88	GOM_NL__2PRFIN20100614_071828_000000452090_00192_43332_4600.N1	14-JUN-2010 07:18:28	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	43332	No
89	GOM_NL__2PRFIN20100614_072451_000000412090_00192_43332_4601.N1	14-JUN-2010 07:24:51	Bright	40.500	73	57Gam1And	2.2600	13100.	81	43332	No
90	GOM_NL__2PRFIN20100614_072712_000000572090_00192_43332_4602.N1	14-JUN-2010 07:27:12	Twilight	56.500	53	43Bet And	2.0480	3300.0	113	43332	No
91	GOM_NL__2PRFIN20100614_073036_000000502090_00192_43332_4603.N1	14-JUN-2010 07:30:36	Twilight	50.000	50	13Alp Ari	2.0070	4250.0	100	43332	No
92	GOM_NL__2PRFIN20100614_074559_000000542090_00192_43332_4604.N1	14-JUN-2010 07:45:59	Dark	53.500	52	16Bet Cet	2.0370	4500.0	107	43332	No
93	GOM_NL__2PRFIN20100614_075218_000000482090_00192_43332_4605.N1	14-JUN-2010 07:52:18	Dark	47.500	84	Alp Phe	2.3970	4500.0	95	43332	No
94	GOM_NL__2PRFIN20100614_075826_000000662090_00193_43333_4594.N1	14-JUN-2010 07:58:26	Dark	66.000	63	Bet Gru	2.1500	2800.0	132	43333	No
95	GOM_NL__2PRFIN20100614_080030_000000492090_00193_43333_4595.N1	14-JUN-2010 08:00:30	Dark	48.500	31	Alp Gru	1.7340	15200.	97	43333	No
96	GOM_NL__2PRFIN20100614_080215_000000562090_00193_43333_4596.N1	14-JUN-2010 08:02:15	Straylight	55.500	172	Gam Gru	3.0030	13100.	111	43333	No
97	GOM_NL__2PRFIN20100614_080429_000000452090_00193_43333_4597.N1	14-JUN-2010 08:04:29	Straylight	44.500	45	Alp Pav	1.9400	26000.	89	43333	No
98	GOM_NL__2PRFIN20100614_081429_000000442090_00193_43333_4598.N1	14-JUN-2010 08:14:29	Twilight	43.500	25	35Lam Sco	1.6200	28000.	87	43333	No
99	GOM_NL__2PRFIN20100614_081551_000000462090_00193_43333_4599.N1	14-JUN-2010 08:15:51	Twilight	46.000	167	10Gam2Sgr	2.9840	4500.0	92	43333	No
100	GOM_NL__2PRFIN20100614_082108_000000402090_00193_43333_4600.N1	14-JUN-2010 08:21:08	Bright	40.000	86	35Eta Oph	2.4300	10200.	80	43333	No
101	GOM_NL__2PRFIN20100614_082751_000000452090_00193_43333_4601.N1	14-JUN-2010 08:27:51	Bright	45.000	126	60Bet Oph	2.7700	4250.0	90	43333	No

102	GOM_NL__2PRFIN20100614_083024_000000472090_00193_43333_4602.N1	14-JUN-2010 08:30:24	Bright	47.000	59	55Alp Oph	2.0800	8900.0	94	43333	No
103	GOM_NL__2PRFIN20100614_083217_000000382090_00193_43333_4603.N1	14-JUN-2010 08:32:17	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	43333	No
104	GOM_NL__2PRFIN20100614_083522_000000392090_00193_43333_4604.N1	14-JUN-2010 08:35:22	Bright	38.500	133	40Zet Her	2.8070	6000.0	77	43333	No
105	GOM_NL__2PRFIN20100614_084216_000000382090_00193_43333_4605.N1	14-JUN-2010 08:42:16	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	43333	No
106	GOM_NL__2PRFIN20100614_084342_000000392090_00193_43333_4606.N1	14-JUN-2010 08:43:42	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	43333	No
107	GOM_NL__2PRFIN20100614_085247_000000482090_00193_43333_4607.N1	14-JUN-2010 08:52:47	Bright	47.500	89	5Alp Cep	2.4510	8000.0	95	43333	No
108	GOM_NL__2PRFIN20100614_085904_000000452090_00193_43333_4608.N1	14-JUN-2010 08:59:04	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	43333	No
109	GOM_NL__2PRFIN20100614_090527_000000402090_00193_43333_4609.N1	14-JUN-2010 09:05:27	Bright	40.000	73	57Gam1And	2.2600	13100.	80	43333	No
110	GOM_NL__2PRFIN20100614_090747_000000552090_00193_43333_4610.N1	14-JUN-2010 09:07:47	Twi_and_stray	55.000	53	43Bet And	2.0480	3300.0	110	43333	No
111	GOM_NL__2PRFIN20100614_091113_000000512090_00193_43333_4611.N1	14-JUN-2010 09:11:13	Twilight	50.500	50	13Alp Ari	2.0070	4250.0	101	43333	No
112	GOM_NL__2PRFIN20100614_092636_000000592090_00193_43333_4612.N1	14-JUN-2010 09:26:36	Dark	59.000	52	16Bet Cet	2.0370	4500.0	118	43333	No
113	GOM_NL__2PRFIN20100614_093255_000000482090_00193_43333_4613.N1	14-JUN-2010 09:32:55	Dark	47.500	84	Alp Phe	2.3970	4500.0	95	43333	No
114	GOM_NL__2PRFIN20100614_093904_000000492090_00194_43334_4602.N1	14-JUN-2010 09:39:04	Dark	48.500	63	Bet Gru	2.1500	2800.0	97	43334	No
115	GOM_NL__2PRFIN20100614_094106_000000482090_00194_43334_4603.N1	14-JUN-2010 09:41:06	Dark	48.000	31	Alp Gru	1.7340	15200.	96	43334	No
116	GOM_NL__2PRFIN20100614_094252_000000572090_00194_43334_4604.N1	14-JUN-2010 09:42:52	Straylight	57.000	172	Gam Gru	3.0030	13100.	114	43334	No
117	GOM_NL__2PRFIN20100614_094505_000000432090_00194_43334_4605.N1	14-JUN-2010 09:45:05	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	43334	No
118	GOM_NL__2PRFIN20100614_095505_000000472090_00194_43334_4606.N1	14-JUN-2010 09:55:05	Twi_and_stray	47.000	25	35Lam Sco	1.6200	28000.	94	43334	No
119	GOM_NL__2PRFIN20100614_095628_000000482090_00194_43334_4607.N1	14-JUN-2010 09:56:28	Twi_and_stray	47.500	167	10Gam2Sgr	2.9840	4500.0	95	43334	No
120	GOM_NL__2PRFIN20100614_100145_000000412090_00194_43334_4608.N1	14-JUN-2010 10:01:45	Bright	40.500	86	35Eta Oph	2.4300	10200.	81	43334	No
121	GOM_NL__2PRFIN20100614_100827_000000442090_00194_43334_4609.N1	14-JUN-2010 10:08:27	Bright	44.000	126	60Bet Oph	2.7700	4250.0	88	43334	No
122	GOM_NL__2PRFIN20100614_101100_000000442090_00194_43334_4610.N1	14-JUN-2010 10:11:00	Bright	44.000	59	55Alp Oph	2.0800	8900.0	88	43334	No
123	GOM_NL__2PRFIN20100614_101253_000000392090_00194_43334_4611.N1	14-JUN-2010 10:12:53	Bright	39.000	127	27Bet Her	2.7810	4700.0	78	43334	No
124	GOM_NL__2PRFIN20100614_101557_000000412090_00194_43334_4612.N1	14-JUN-2010 10:15:57	Bright	40.500	133	40Zet Her	2.8070	6000.0	81	43334	No
125	GOM_NL__2PRFIN20100614_102251_000000422090_00194_43334_4613.N1	14-JUN-2010 10:22:51	Bright	42.000	130	23Bet Dra	2.7990	5800.0	84	43334	No
126	GOM_NL__2PRFIN20100614_102418_000000392090_00194_43334_4614.N1	14-JUN-2010 10:24:18	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	43334	No
127	GOM_NL__2PRFIN20100614_103322_000000472090_00194_43334_4615.N1	14-JUN-2010 10:33:22	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	43334	No
128	GOM_NL__2PRFIN20100614_103939_000000442090_00194_43334_4616.N1	14-JUN-2010 10:39:39	Bright	44.000	74	11Bet Cas	2.2680	6600.0	88	43334	No
129	GOM_NL__2PRFIN20100614_104602_000000402090_00194_43334_4617.N1	14-JUN-2010 10:46:02	Bright	40.000	73	57Gam1And	2.2600	13100.	80	43334	No
130	GOM_NL__2PRFIN20100614_104823_000000552090_00194_43334_4618.N1	14-JUN-2010 10:48:23	Twi_and_stray	54.500	53	43Bet And	2.0480	3300.0	109	43334	No
131	GOM_NL__2PRFIN20100614_105149_000000502090_00194_43334_4619.N1	14-JUN-2010 10:51:49	Twilight	49.500	50	13Alp Ari	2.0070	4250.0	99	43334	No
132	GOM_NL__2PRFIN20100614_110713_000000572090_00194_43334_4620.N1	14-JUN-2010 11:07:13	Dark	57.000	52	16Bet Cet	2.0370	4500.0	114	43334	No
133	GOM_NL__2PRFIN20100614_111331_000000472090_00194_43334_4621.N1	14-JUN-2010 11:13:31	Dark	46.500	84	Alp Phe	2.3970	4500.0	93	43334	No
134	GOM_NL__2PRFIN20100614_111940_000000622090_00195_43335_4610.N1	14-JUN-2010 11:19:40	Dark	61.500	63	Bet Gru	2.1500	2800.0	123	43335	No
135	GOM_NL__2PRFIN20100614_112143_000000512090_00195_43335_4611.N1	14-JUN-2010 11:21:43	Dark	50.500	31	Alp Gru	1.7340	15200.	101	43335	No
136	GOM_NL__2PRFIN20100614_112330_000000572090_00195_43335_4612.N1	14-JUN-2010 11:23:30	Straylight	57.000	172	Gam Gru	3.0030	13100.	114	43335	No
137	GOM_NL__2PRFIN20100614_112542_000000512090_00195_43335_4613.N1	14-JUN-2010 11:25:42	Straylight	50.500	45	Alp Pav	1.9400	26000.	101	43335	No
138	GOM_NL__2PRFIN20100614_113541_000000442090_00195_43335_4614.N1	14-JUN-2010 11:35:41	Twi_and_stray	43.500	25	35Lam Sco	1.6200	28000.	87	43335	No
139	GOM_NL__2PRFIN20100614_113704_000000462090_00195_43335_4615.N1	14-JUN-2010 11:37:04	Twi_and_stray	46.000	167	10Gam2Sgr	2.9840	4500.0	92	43335	No
140	GOM_NL__2PRFIN20100614_114220_000000402090_00195_43335_4616.N1	14-JUN-2010 11:42:20	Bright	40.000	86	35Eta Oph	2.4300	10200.	80	43335	No
141	GOM_NL__2PRFIN20100614_114903_000000452090_00195_43335_4617.N1	14-JUN-2010 11:49:03	Bright	45.000	126	60Bet Oph	2.7700	4250.0	90	43335	No
142	GOM_NL__2PRFIN20100614_115135_000000442090_00195_43335_4618.N1	14-JUN-2010 11:51:35	Bright	44.000	59	55Alp Oph	2.0800	8900.0	88	43335	No
143	GOM_NL__2PRFIN20100614_115328_000000372090_00195_43335_4619.N1	14-JUN-2010 11:53:28	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	43335	No
144	GOM_NL__2PRFIN20100614_115633_000000562090_00195_43335_4620.N1	14-JUN-2010 11:56:33	Bright	56.000	133	40Zet Her	2.8070	6000.0	112	43335	No
145	GOM_NL__2PRFIN20100614_120326_000000422090_00195_43335_4621.N1	14-JUN-2010 12:03:26	Bright	42.000	130	23Bet Dra	2.7990	5800.0	84	43335	No
146	GOM_NL__2PRFIN20100614_120454_000000382090_00195_43335_4622.N1	14-JUN-2010 12:04:54	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	43335	No
147	GOM_NL__2PRFIN20100614_121357_000000482090_00195_43335_4623.N1	14-JUN-2010 12:13:57	Bright	48.000	89	5Alp Cep	2.4510	8000.0	96	43335	No
148	GOM_NL__2PRFIN20100614_122015_000000422090_00195_43335_4624.N1	14-JUN-2010 12:20:15	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	43335	No
149	GOM_NL__2PRFIN20100614_122638_000000402090_00195_43335_4625.N1	14-JUN-2010 12:26:38	Bright	40.000	73	57Gam1And	2.2600	13100.	80	43335	No
150	GOM_NL__2PRFIN20100614_122859_000000652090_00195_43335_4626.N1	14-JUN-2010 12:28:59	Twi_and_stray	65.000	53	43Bet And	2.0480	3300.0	130	43335	No
151	GOM_NL__2PRFIN20100614_123225_000000482090_00195_43335_4627.N1	14-JUN-2010 12:32:25	Twilight	47.500	50	13Alp Ari	2.0070	4250.0	95	43335	No
152	GOM_NL__2PRFIN20100614_124750_000000542090_00195_43335_4628.N1	14-JUN-2010 12:47:50	Dark	54.000	52	16Bet Cet	2.0370	4500.0	108	43335	No
153	GOM_NL__2PRFIN20100614_125408_000000522090_00195_43335_4629.N1	14-JUN-2010 12:54:08	Dark	51.500	84	Alp Phe	2.3970	4500.0	103	43335	No
154	GOM_NL__2PRFIN20100614_130017_000000552090_00196_43336_4618.N1	14-JUN-2010 13:00:17	Dark	54.500	63	Bet Gru	2.1500	2800.0	109	43336	No
155	GOM_NL__2PRFIN20100614_130220_000000492090_00196_43336_4619.N1	14-JUN-2010 13:02:20	Dark	49.000	31	Alp Gru	1.7340	15200.	98	43336	No
156	GOM_NL__2PRFIN20100614_130407_000000562090_00196_43336_4620.N1	14-JUN-2010 13:04:07	Straylight	56.000	172	Gam Gru	3.0030	13100.	112	43336	No
157	GOM_NL__2PRFIN20100614_130618_000000422090_00196_43336_4621.N1	14-JUN-2010 13:06:18	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	43336	No
158	GOM_NL__2PRFIN20100614_131617_000000442090_00196_43336_4622.N1	14-JUN-2010 13:16:17	Twi_and_stray	43.500	25	35Lam Sco	1.6200	28000.	87	43336	No
159	GOM_NL__2PRFIN20100614_131740_000000472090_00196_43336_4623.N1	14-JUN-2010 13:17:40	Twi_and_stray	47.000	167	10Gam2Sgr	2.9840	4500.0	94	43336	No
160	GOM_NL__2PRFIN20100614_132256_000000562090_00196_43336_4624.N1	14-JUN-2010 13:22:56	Bright	56.000	86	35Eta Oph	2.4300	10200.	112	43336	No



161	GOM_NL__2PRFIN20100614_132938_000000452090_00196_43336_4625.N1	14-JUN-2010 13:29:38	Bright	45.000	126	60Bet Oph	2.7700	4250.0	90	43336	No
162	GOM_NL__2PRFIN20100614_133211_000000452090_00196_43336_4626.N1	14-JUN-2010 13:32:11	Bright	45.000	59	55Alp Oph	2.0800	8900.0	90	43336	No
163	GOM_NL__2PRFIN20100614_133404_000000412090_00196_43336_4627.N1	14-JUN-2010 13:34:04	Bright	40.500	127	27Bet Her	2.7810	4700.0	81	43336	No
164	GOM_NL__2PRFIN20100614_133709_000000562090_00196_43336_4628.N1	14-JUN-2010 13:37:09	Bright	56.000	133	40Zet Her	2.8070	6000.0	112	43336	No
165	GOM_NL__2PRFIN20100614_134402_000000442090_00196_43336_4629.N1	14-JUN-2010 13:44:02	Bright	43.500	130	23Bet Dra	2.7990	5800.0	87	43336	No
166	GOM_NL__2PRFIN20100614_134529_000000382090_00196_43336_4630.N1	14-JUN-2010 13:45:29	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	43336	No
167	GOM_NL__2PRFIN20100614_135432_000000492090_00196_43336_4631.N1	14-JUN-2010 13:54:32	Bright	48.500	89	5Alp Cep	2.4510	8000.0	97	43336	No
168	GOM_NL__2PRFIN20100614_140051_000000622090_00196_43336_4632.N1	14-JUN-2010 14:00:51	Bright	61.500	74	11Bet Cas	2.2680	6600.0	123	43336	No
169	GOM_NL__2PRFIN20100614_140714_000000402090_00196_43336_4633.N1	14-JUN-2010 14:07:14	Bright	40.000	73	57Gam1And	2.2600	13100.	80	43336	No
170	GOM_NL__2PRFIN20100614_140935_000000652090_00196_43336_4634.N1	14-JUN-2010 14:09:35	Twilight	64.500	53	43Bet And	2.0480	3300.0	129	43336	No
171	GOM_NL__2PRFIN20100614_141301_000000462090_00196_43336_4635.N1	14-JUN-2010 14:13:01	Twilight	46.000	50	13Alp Ari	2.0070	4250.0	92	43336	No
172	GOM_NL__2PRFIN20100614_142827_000000552090_00196_43336_4636.N1	14-JUN-2010 14:28:27	Dark	55.000	52	16Bet Cet	2.0370	4500.0	110	43336	No
173	GOM_NL__2PRFIN20100614_143445_000000442090_00196_43336_4637.N1	14-JUN-2010 14:34:45	Dark	44.000	84	Alp Phe	2.3970	4500.0	88	43336	No
174	GOM_NL__2PRFIN20100614_144054_000000502090_00197_43337_4626.N1	14-JUN-2010 14:40:54	Dark	49.500	63	Bet Gru	2.1500	2800.0	99	43337	No
175	GOM_NL__2PRFIN20100614_144257_000000482090_00197_43337_4627.N1	14-JUN-2010 14:42:57	Dark	48.000	31	Alp Gru	1.7340	15200.	96	43337	No
176	GOM_NL__2PRFIN20100614_144444_000000562090_00197_43337_4628.N1	14-JUN-2010 14:44:44	Straylight	56.000	172	Gam Gru	3.0030	13100.	112	43337	No
177	GOM_NL__2PRFIN20100614_144655_000000442090_00197_43337_4629.N1	14-JUN-2010 14:46:55	Straylight	44.000	45	Alp Pav	1.9400	26000.	88	43337	No
178	GOM_NL__2PRFIN20100614_145653_000000452090_00197_43337_4630.N1	14-JUN-2010 14:56:53	Twilight	44.500	25	35Lam Sco	1.6200	28000.	89	43337	No
179	GOM_NL__2PRFIN20100614_145817_000000472090_00197_43337_4631.N1	14-JUN-2010 14:58:17	Twilight	46.500	167	10Gam2Sgr	2.9840	4500.0	93	43337	No
180	GOM_NL__2PRFIN20100614_150333_000000412090_00197_43337_4632.N1	14-JUN-2010 15:03:33	Bright	40.500	86	35Eta Oph	2.4300	10200.	81	43337	No
181	GOM_NL__2PRFIN20100614_151014_000000452090_00197_43337_4633.N1	14-JUN-2010 15:10:14	Bright	45.000	126	60Bet Oph	2.7700	4250.0	90	43337	No
182	GOM_NL__2PRFIN20100614_151247_000000432090_00197_43337_4634.N1	14-JUN-2010 15:12:47	Bright	43.000	59	55Alp Oph	2.0800	8900.0	86	43337	No
183	GOM_NL__2PRFIN20100614_151440_000000382090_00197_43337_4635.N1	14-JUN-2010 15:14:40	Bright	37.500	127	27Bet Her	2.7810	4700.0	75	43337	No
184	GOM_NL__2PRFIN20100614_151745_000000402090_00197_43337_4636.N1	14-JUN-2010 15:17:45	Bright	40.000	133	40Zet Her	2.8070	6000.0	80	43337	No
185	GOM_NL__2PRFIN20100614_152437_000000442090_00197_43337_4637.N1	14-JUN-2010 15:24:37	Bright	43.500	130	23Bet Dra	2.7990	5800.0	87	43337	No
186	GOM_NL__2PRFIN20100614_152605_000000382090_00197_43337_4638.N1	14-JUN-2010 15:26:05	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	43337	No
187	GOM_NL__2PRFIN20100614_153508_000000482090_00197_43337_4639.N1	14-JUN-2010 15:35:08	Bright	48.000	89	5Alp Cep	2.4510	8000.0	96	43337	No
188	GOM_NL__2PRFIN20100614_154126_000000542090_00197_43337_4640.N1	14-JUN-2010 15:41:26	Bright	53.500	74	11Bet Cas	2.2680	6600.0	107	43337	No
189	GOM_NL__2PRFIN20100614_154750_000000402090_00197_43337_4641.N1	14-JUN-2010 15:47:50	Bright	40.000	73	57Gam1And	2.2600	13100.	80	43337	No
190	GOM_NL__2PRFIN20100614_155011_000000592090_00197_43337_4642.N1	14-JUN-2010 15:50:11	Twilight	58.500	53	43Bet And	2.0480	3300.0	117	43337	No
191	GOM_NL__2PRFIN20100614_155338_000000492090_00197_43337_4643.N1	14-JUN-2010 15:53:38	Twilight	48.500	50	13Alp Ari	2.0070	4250.0	97	43337	No
192	GOM_NL__2PRFIN20100614_160904_000000572090_00197_43337_4644.N1	14-JUN-2010 16:09:04	Dark	56.500	52	16Bet Cet	2.0370	4500.0	113	43337	No
193	GOM_NL__2PRFIN20100614_161522_000000412090_00197_43337_4645.N1	14-JUN-2010 16:15:22	Dark	41.000	84	Alp Phe	2.3970	4500.0	82	43337	No
194	GOM_NL__2PRFIN20100614_162131_000000492090_00198_43338_4634.N1	14-JUN-2010 16:21:31	Dark	49.000	63	Bet Gru	2.1500	2800.0	98	43338	No
195	GOM_NL__2PRFIN20100614_162334_000000502090_00198_43338_4635.N1	14-JUN-2010 16:23:34	Dark	49.500	31	Alp Gru	1.7340	15200.	99	43338	No
196	GOM_NL__2PRFIN20100614_162522_000000552090_00198_43338_4636.N1	14-JUN-2010 16:25:22	Straylight	55.000	172	Gam Gru	3.0030	13100.	110	43338	No
197	GOM_NL__2PRFIN20100614_162731_000000422090_00198_43338_4637.N1	14-JUN-2010 16:27:31	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	43338	No
198	GOM_NL__2PRFIN20100614_163730_000000462090_00198_43338_4638.N1	14-JUN-2010 16:37:30	Twilight	45.500	25	35Lam Sco	1.6200	28000.	91	43338	No
199	GOM_NL__2PRFIN20100614_163853_000000472090_00198_43338_4639.N1	14-JUN-2010 16:38:53	Twilight	47.000	167	10Gam2Sgr	2.9840	4500.0	94	43338	No
200	GOM_NL__2PRFIN20100614_164409_000000412090_00198_43338_4640.N1	14-JUN-2010 16:44:09	Bright	40.500	86	35Eta Oph	2.4300	10200.	81	43338	No
201	GOM_NL__2PRFIN20100614_165050_000000452090_00198_43338_4641.N1	14-JUN-2010 16:50:50	Bright	45.000	126	60Bet Oph	2.7700	4250.0	90	43338	No
202	GOM_NL__2PRFIN20100614_165322_000000432090_00198_43338_4642.N1	14-JUN-2010 16:53:22	Bright	43.000	59	55Alp Oph	2.0800	8900.0	86	43338	No
203	GOM_NL__2PRFIN20100614_165516_000000402090_00198_43338_4643.N1	14-JUN-2010 16:55:16	Bright	39.500	127	27Bet Her	2.7810	4700.0	79	43338	No
204	GOM_NL__2PRFIN20100614_165820_000000392090_00198_43338_4644.N1	14-JUN-2010 16:58:20	Bright	39.000	133	40Zet Her	2.8070	6000.0	78	43338	No
205	GOM_NL__2PRFIN20100614_170513_000000422090_00198_43338_4645.N1	14-JUN-2010 17:05:13	Bright	42.000	130	23Bet Dra	2.7990	5800.0	84	43338	No
206	GOM_NL__2PRFIN20100614_170641_000000382090_00198_43338_4646.N1	14-JUN-2010 17:06:41	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	43338	No
207	GOM_NL__2PRFIN20100614_171543_000000482090_00198_43338_4647.N1	14-JUN-2010 17:15:43	Bright	48.000	89	5Alp Cep	2.4510	8000.0	96	43338	No
208	GOM_NL__2PRFIN20100614_172202_000000462090_00198_43338_4648.N1	14-JUN-2010 17:22:02	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	43338	No
209	GOM_NL__2PRFIN20100614_172826_000000402090_00198_43338_4649.N1	14-JUN-2010 17:28:26	Bright	40.000	73	57Gam1And	2.2600	13100.	80	43338	No
210	GOM_NL__2PRFIN20100614_173047_000000552090_00198_43338_4650.N1	14-JUN-2010 17:30:47	Twilight	54.500	53	43Bet And	2.0480	3300.0	109	43338	No
211	GOM_NL__2PRFIN20100614_173413_000000482090_00198_43338_4651.N1	14-JUN-2010 17:34:13	Twilight	48.000	50	13Alp Ari	2.0070	4250.0	96	43338	No
212	GOM_NL__2PRFIN20100614_174941_000000562090_00198_43338_4652.N1	14-JUN-2010 17:49:41	Dark	55.500	52	16Bet Cet	2.0370	4500.0	111	43338	No
213	GOM_NL__2PRFIN20100614_175558_000000422090_00198_43338_4653.N1	14-JUN-2010 17:55:58	Dark	42.000	84	Alp Phe	2.3970	4500.0	84	43338	No
214	GOM_NL__2PRFIN20100614_180208_000000532090_00199_43339_4642.N1	14-JUN-2010 18:02:08	Dark	53.000	63	Bet Gru	2.1500	2800.0	106	43339	No
215	GOM_NL__2PRFIN20100614_180411_000000502090_00199_43339_4643.N1	14-JUN-2010 18:04:11	Dark	50.000	31	Alp Gru	1.7340	15200.	100	43339	No
216	GOM_NL__2PRFIN20100614_180559_000000552090_00199_43339_4644.N1	14-JUN-2010 18:05:59	Straylight	55.000	172	Gam Gru	3.0030	13100.	110	43339	No
217	GOM_NL__2PRFIN20100614_180808_000000432090_00199_43339_4645.N1	14-JUN-2010 18:08:08	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	43339	No
218	GOM_NL__2PRFIN20100614_181806_000000432090_00199_43339_4646.N1	14-JUN-2010 18:18:06	Twilight	42.500	25	35Lam Sco	1.6200	28000.	85	43339	No
219	GOM_NL__2PRFIN20100614_181929_000000472090_00199_43339_4647.N1	14-JUN-2010 18:19:29	Twilight	46.500	167	10Gam2Sgr	2.9840	4500.0	93	43339	No

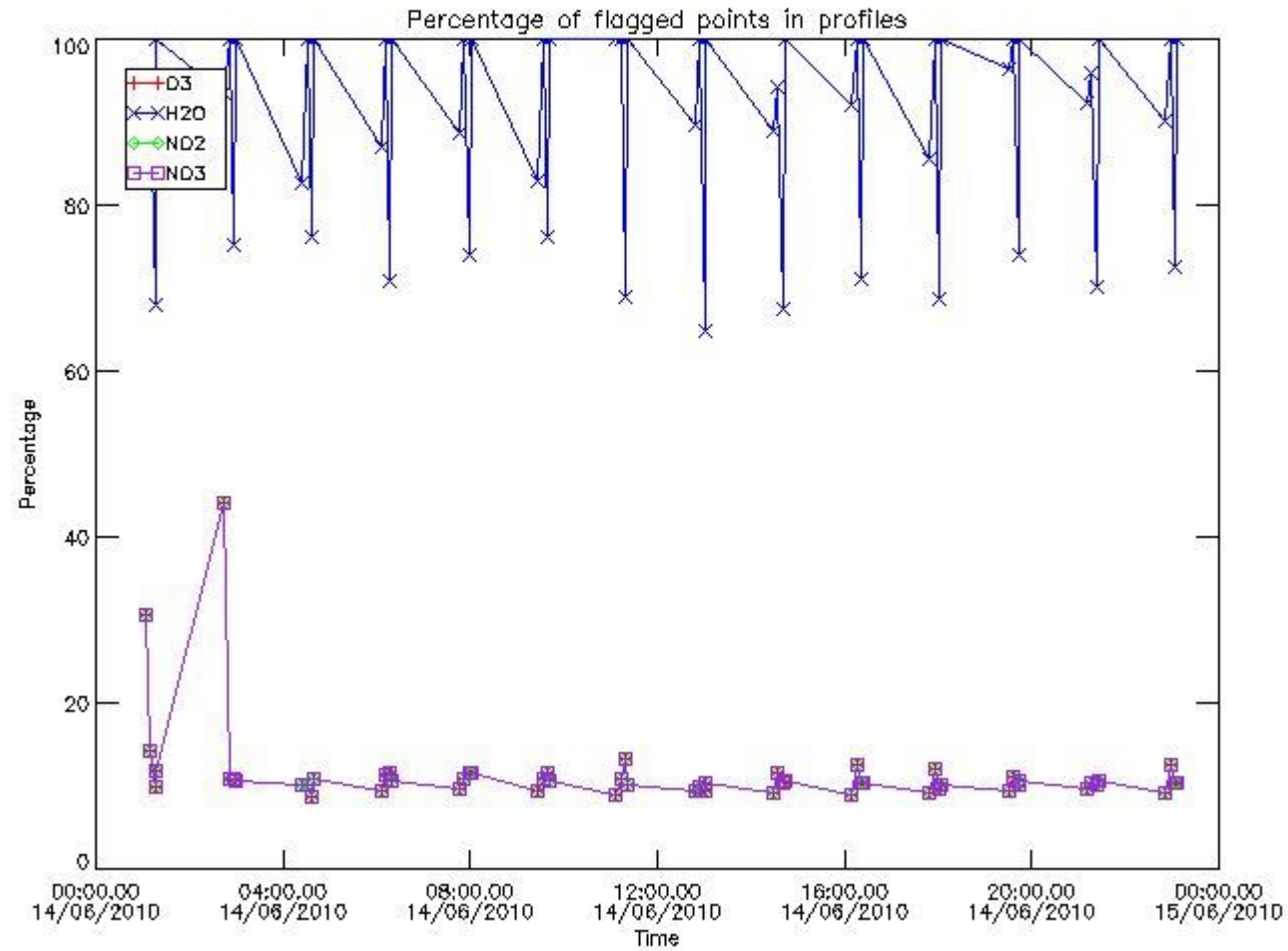
220	GOM_NL__2PRFIN20100614_182445_000000412090_00199_43339_4648.N1	14-JUN-2010 18:24:45	Bright	41.000	86	35Eta Oph	2.4300	10200.	82	43339	No
221	GOM_NL__2PRFIN20100614_183125_000000452090_00199_43339_4649.N1	14-JUN-2010 18:31:25	Bright	45.000	126	60Bet Oph	2.7700	4250.0	90	43339	No
222	GOM_NL__2PRFIN20100614_183358_000000472090_00199_43339_4650.N1	14-JUN-2010 18:33:58	Bright	46.500	59	55Alp Oph	2.0800	8900.0	93	43339	No
223	GOM_NL__2PRFIN20100614_183552_000000382090_00199_43339_4651.N1	14-JUN-2010 18:35:52	Bright	37.500	127	27Bet Her	2.7810	4700.0	75	43339	No
224	GOM_NL__2PRFIN20100614_183856_000000402090_00199_43339_4652.N1	14-JUN-2010 18:38:56	Bright	40.000	133	40Zet Her	2.8070	6000.0	80	43339	No
225	GOM_NL__2PRFIN20100614_184549_000000432090_00199_43339_4653.N1	14-JUN-2010 18:45:49	Bright	43.000	130	23Bet Dra	2.7990	5800.0	86	43339	No
226	GOM_NL__2PRFIN20100614_184717_000000382090_00199_43339_4654.N1	14-JUN-2010 18:47:17	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	43339	No
227	GOM_NL__2PRFIN20100614_185618_000000502090_00199_43339_4655.N1	14-JUN-2010 18:56:18	Bright	49.500	89	5Alp Cep	2.4510	8000.0	99	43339	No
228	GOM_NL__2PRFIN20100614_190238_000000642090_00199_43339_4656.N1	14-JUN-2010 19:02:38	Bright	64.000	74	11Bet Cas	2.2680	6600.0	128	43339	No
229	GOM_NL__2PRFIN20100614_190902_000000412090_00199_43339_4657.N1	14-JUN-2010 19:09:02	Bright	41.000	73	57Gam1And	2.2600	13100.	82	43339	No
230	GOM_NL__2PRFIN20100614_191123_000000542090_00199_43339_4658.N1	14-JUN-2010 19:11:23	Twilight	53.500	53	43Bet And	2.0480	3300.0	107	43339	No
231	GOM_NL__2PRFIN20100614_191449_000000492090_00199_43339_4659.N1	14-JUN-2010 19:14:49	Twilight	48.500	50	13Alp Ari	2.0070	4250.0	97	43339	No
232	GOM_NL__2PRFIN20100614_193018_000000552090_00199_43339_4660.N1	14-JUN-2010 19:30:18	Dark	54.500	52	16Bet Cet	2.0370	4500.0	109	43339	No
233	GOM_NL__2PRFIN20100614_193635_000000462090_00199_43339_4661.N1	14-JUN-2010 19:36:35	Dark	45.500	84	Alp Phe	2.3970	4500.0	91	43339	No
234	GOM_NL__2PRFIN20100614_194245_000000512090_00200_43340_4663.N1	14-JUN-2010 19:42:45	Dark	50.500	63	Bet Gru	2.1500	2800.0	101	43340	No
235	GOM_NL__2PRFIN20100614_194448_000000482090_00200_43340_4664.N1	14-JUN-2010 19:44:48	Dark	48.000	31	Alp Gru	1.7340	15200.	96	43340	No
236	GOM_NL__2PRFIN20100614_194637_000000542090_00200_43340_4665.N1	14-JUN-2010 19:46:37	Straylight	54.000	172	Gam Gru	3.0030	13100.	108	43340	No
237	GOM_NL__2PRFIN20100614_194844_000000422090_00200_43340_4666.N1	14-JUN-2010 19:48:44	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	43340	No
238	GOM_NL__2PRFIN20100614_195842_000000432090_00200_43340_4667.N1	14-JUN-2010 19:58:42	Twilight	43.000	25	35Lam Sco	1.6200	28000.	86	43340	No
239	GOM_NL__2PRFIN20100614_200005_000000472090_00200_43340_4668.N1	14-JUN-2010 20:00:05	Twilight	47.000	167	10Gam2Sgr	2.9840	4500.0	94	43340	No
240	GOM_NL__2PRFIN20100614_200521_000000412090_00200_43340_4669.N1	14-JUN-2010 20:05:21	Bright	41.000	86	35Eta Oph	2.4300	10200.	82	43340	No
241	GOM_NL__2PRFIN20100614_201201_000000452090_00200_43340_4670.N1	14-JUN-2010 20:12:01	Bright	45.000	126	60Bet Oph	2.7700	4250.0	90	43340	No
242	GOM_NL__2PRFIN20100614_201434_000000432090_00200_43340_4671.N1	14-JUN-2010 20:14:34	Bright	43.000	59	55Alp Oph	2.0800	8900.0	86	43340	No
243	GOM_NL__2PRFIN20100614_201628_000000402090_00200_43340_4672.N1	14-JUN-2010 20:16:28	Bright	40.000	127	27Bet Her	2.7810	4700.0	80	43340	No
244	GOM_NL__2PRFIN20100614_201932_000000382090_00200_43340_4673.N1	14-JUN-2010 20:19:32	Bright	38.000	133	40Zet Her	2.8070	6000.0	76	43340	No
245	GOM_NL__2PRFIN20100614_202624_000000422090_00200_43340_4674.N1	14-JUN-2010 20:26:24	Bright	42.000	130	23Bet Dra	2.7990	5800.0	84	43340	No
246	GOM_NL__2PRFIN20100614_202753_000000382090_00200_43340_4675.N1	14-JUN-2010 20:27:53	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	43340	No
247	GOM_NL__2PRFIN20100614_203653_000000472090_00200_43340_4676.N1	14-JUN-2010 20:36:53	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	43340	No
248	GOM_NL__2PRFIN20100614_204313_000000452090_00200_43340_4677.N1	14-JUN-2010 20:43:13	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	43340	No
249	GOM_NL__2PRFIN20100614_204938_000000412090_00200_43340_4678.N1	14-JUN-2010 20:49:38	Bright	40.500	73	57Gam1And	2.2600	13100.	81	43340	No
250	GOM_NL__2PRFIN20100614_205159_000000562090_00200_43340_4679.N1	14-JUN-2010 20:51:59	Twilight	55.500	53	43Bet And	2.0480	3300.0	111	43340	No
251	GOM_NL__2PRFIN20100614_205526_000000482090_00200_43340_4680.N1	14-JUN-2010 20:55:26	Twilight	47.500	50	13Alp Ari	2.0070	4250.0	95	43340	No
252	GOM_NL__2PRFIN20100614_211055_000000532090_00200_43340_4681.N1	14-JUN-2010 21:10:55	Dark	52.500	52	16Bet Cet	2.0370	4500.0	105	43340	No
253	GOM_NL__2PRFIN20100614_211712_000000492090_00200_43340_4682.N1	14-JUN-2010 21:17:12	Dark	49.000	84	Alp Phe	2.3970	4500.0	98	43340	No
254	GOM_NL__2PRFIN20100614_212321_000000512090_00201_43341_4687.N1	14-JUN-2010 21:23:21	Dark	50.500	63	Bet Gru	2.1500	2800.0	101	43341	No
255	GOM_NL__2PRFIN20100614_212525_000000492090_00201_43341_4688.N1	14-JUN-2010 21:25:25	Dark	48.500	31	Alp Gru	1.7340	15200.	97	43341	No
256	GOM_NL__2PRFIN20100614_212713_000000542090_00201_43341_4689.N1	14-JUN-2010 21:27:13	Straylight	54.000	172	Gam Gru	3.0030	13100.	108	43341	No
257	GOM_NL__2PRFIN20100614_212921_000000432090_00201_43341_4690.N1	14-JUN-2010 21:29:21	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	43341	No
258	GOM_NL__2PRFIN20100614_213919_000000432090_00201_43341_4691.N1	14-JUN-2010 21:39:19	Twilight	42.500	25	35Lam Sco	1.6200	28000.	85	43341	No
259	GOM_NL__2PRFIN20100614_214041_000000502090_00201_43341_4692.N1	14-JUN-2010 21:40:41	Twilight	49.500	167	10Gam2Sgr	2.9840	4500.0	99	43341	No
260	GOM_NL__2PRFIN20100614_214557_000000402090_00201_43341_4693.N1	14-JUN-2010 21:45:57	Bright	40.000	86	35Eta Oph	2.4300	10200.	80	43341	No
261	GOM_NL__2PRFIN20100614_215237_000000462090_00201_43341_4694.N1	14-JUN-2010 21:52:37	Bright	46.000	126	60Bet Oph	2.7700	4250.0	92	43341	No
262	GOM_NL__2PRFIN20100614_215509_000000442090_00201_43341_4695.N1	14-JUN-2010 21:55:09	Bright	44.000	59	55Alp Oph	2.0800	8900.0	88	43341	No
263	GOM_NL__2PRFIN20100614_215704_000000372090_00201_43341_4696.N1	14-JUN-2010 21:57:04	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	43341	No
264	GOM_NL__2PRFIN20100614_220007_000000392090_00201_43341_4697.N1	14-JUN-2010 22:00:07	Bright	38.500	133	40Zet Her	2.8070	6000.0	77	43341	No
265	GOM_NL__2PRFIN20100614_220700_000000412090_00201_43341_4698.N1	14-JUN-2010 22:07:00	Bright	41.000	130	23Bet Dra	2.7990	5800.0	82	43341	No
266	GOM_NL__2PRFIN20100614_220829_000000542090_00201_43341_4699.N1	14-JUN-2010 22:08:29	Bright	54.000	119	14Eta Dra	2.7270	4700.0	108	43341	No
267	GOM_NL__2PRFIN20100614_221729_000000472090_00201_43341_4700.N1	14-JUN-2010 22:17:29	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	43341	No
268	GOM_NL__2PRFIN20100614_222349_000000642090_00201_43341_4701.N1	14-JUN-2010 22:23:49	Bright	64.000	74	11Bet Cas	2.2680	6600.0	128	43341	No
269	GOM_NL__2PRFIN20100614_223014_000000412090_00201_43341_4702.N1	14-JUN-2010 22:30:14	Bright	40.500	73	57Gam1And	2.2600	13100.	81	43341	No
270	GOM_NL__2PRFIN20100614_223235_000000552090_00201_43341_4703.N1	14-JUN-2010 22:32:35	Twilight	55.000	53	43Bet And	2.0480	3300.0	110	43341	No
271	GOM_NL__2PRFIN20100614_223602_000000472090_00201_43341_4704.N1	14-JUN-2010 22:36:02	Twilight	47.000	50	13Alp Ari	2.0070	4250.0	94	43341	No
272	GOM_NL__2PRFIN20100614_225131_000000612090_00201_43341_4705.N1	14-JUN-2010 22:51:31	Dark	60.500	52	16Bet Cet	2.0370	4500.0	121	43341	No
273	GOM_NL__2PRFIN20100614_225748_000000452090_00201_43341_4706.N1	14-JUN-2010 22:57:48	Dark	45.000	84	Alp Phe	2.3970	4500.0	90	43341	No
274	GOM_NL__2PRFIN20100614_230358_000000502090_00202_43342_4703.N1	14-JUN-2010 23:03:58	Dark	49.500	63	Bet Gru	2.1500	2800.0	99	43342	No
275	GOM_NL__2PRFIN20100614_230601_000000502090_00202_43342_4704.N1	14-JUN-2010 23:06:01	Dark	49.500	31	Alp Gru	1.7340	15200.	99	43342	No
276	GOM_NL__2PRFIN20100614_230751_000000532090_00202_43342_4705.N1	14-JUN-2010 23:07:51	Straylight	53.000	172	Gam Gru	3.0030	13100.	106	43342	No
277	GOM_NL__2PRFIN20100614_230957_000000442090_00202_43342_4706.N1	14-JUN-2010 23:09:57	Straylight	43.500	45	Alp Pav	1.9400	26000.	87	43342	No
278	GOM_NL__2PRFIN20100614_231954_000000502090_00202_43342_4707.N1	14-JUN-2010 23:19:54	Twilight	49.500	25	35Lam Sco	1.6200	28000.	99	43342	No

279	GOM_NL__2PRFIN20100614_232117_000000472090_00202_43342_4708.N1	14-JUN-2010 23:21:17	Twi_and_stray	46.500	167	10Gam2Sgr	2.9840	4500.0	93	43342	No
280	GOM_NL__2PRFIN20100614_232633_000000412090_00202_43342_4709.N1	14-JUN-2010 23:26:33	Bright	40.500	86	35Eta Oph	2.4300	10200.	81	43342	No
281	GOM_NL__2PRFIN20100614_233312_000000442090_00202_43342_4710.N1	14-JUN-2010 23:33:12	Bright	43.500	126	60Bet Oph	2.7700	4250.0	87	43342	No
282	GOM_NL__2PRFIN20100614_233544_000000472090_00202_43342_4711.N1	14-JUN-2010 23:35:44	Bright	47.000	59	55Alp Oph	2.0800	8900.0	94	43342	No
283	GOM_NL__2PRFIN20100614_233739_000000382090_00202_43342_4712.N1	14-JUN-2010 23:37:39	Bright	37.500	127	27Bet Her	2.7810	4700.0	75	43342	No
284	GOM_NL__2PRFIN20100614_234043_000000402090_00202_43342_4713.N1	14-JUN-2010 23:40:43	Bright	39.500	133	40Zet Her	2.8070	6000.0	79	43342	No
285	GOM_NL__2PRFIN20100614_234735_000000382090_00202_43342_4714.N1	14-JUN-2010 23:47:35	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	43342	No
286	GOM_NL__2PRFIN20100614_234904_000000402090_00202_43342_4715.N1	14-JUN-2010 23:49:04	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	43342	No
287	GOM_NL__2PRFIN20100614_235804_000000492090_00202_43342_4716.N1	14-JUN-2010 23:58:04	Bright	48.500	89	5Alp Cep	2.4510	8000.0	97	43342	No

### 3. Quality information per product

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

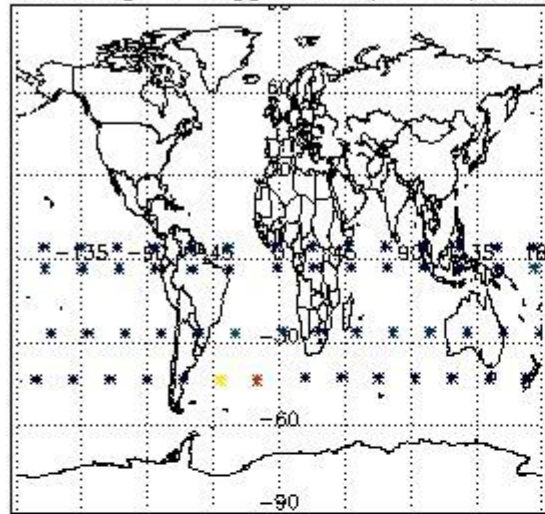
#### 3.1 Plot quality information per product (time dependant)



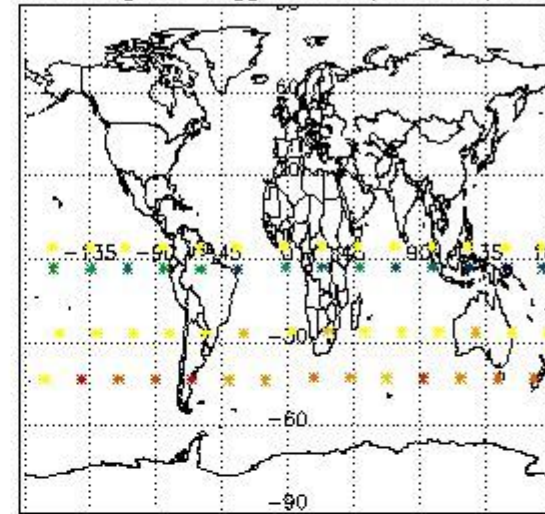
#### 3.2 Plot quality information per product (world map)



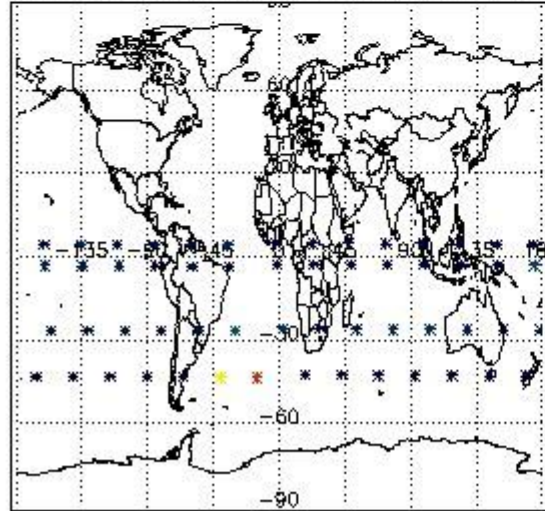
Percentage of flagged data per O3 profile



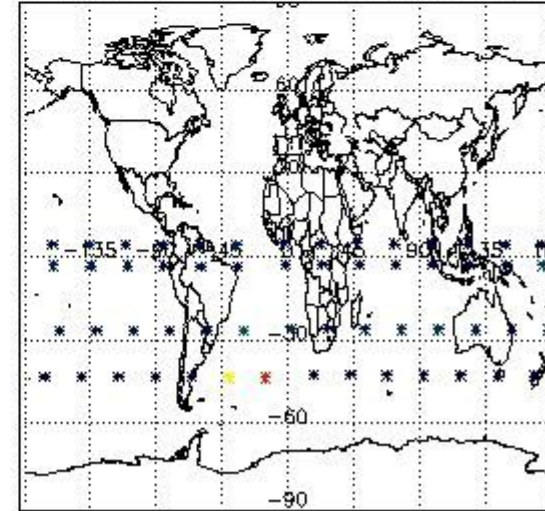
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



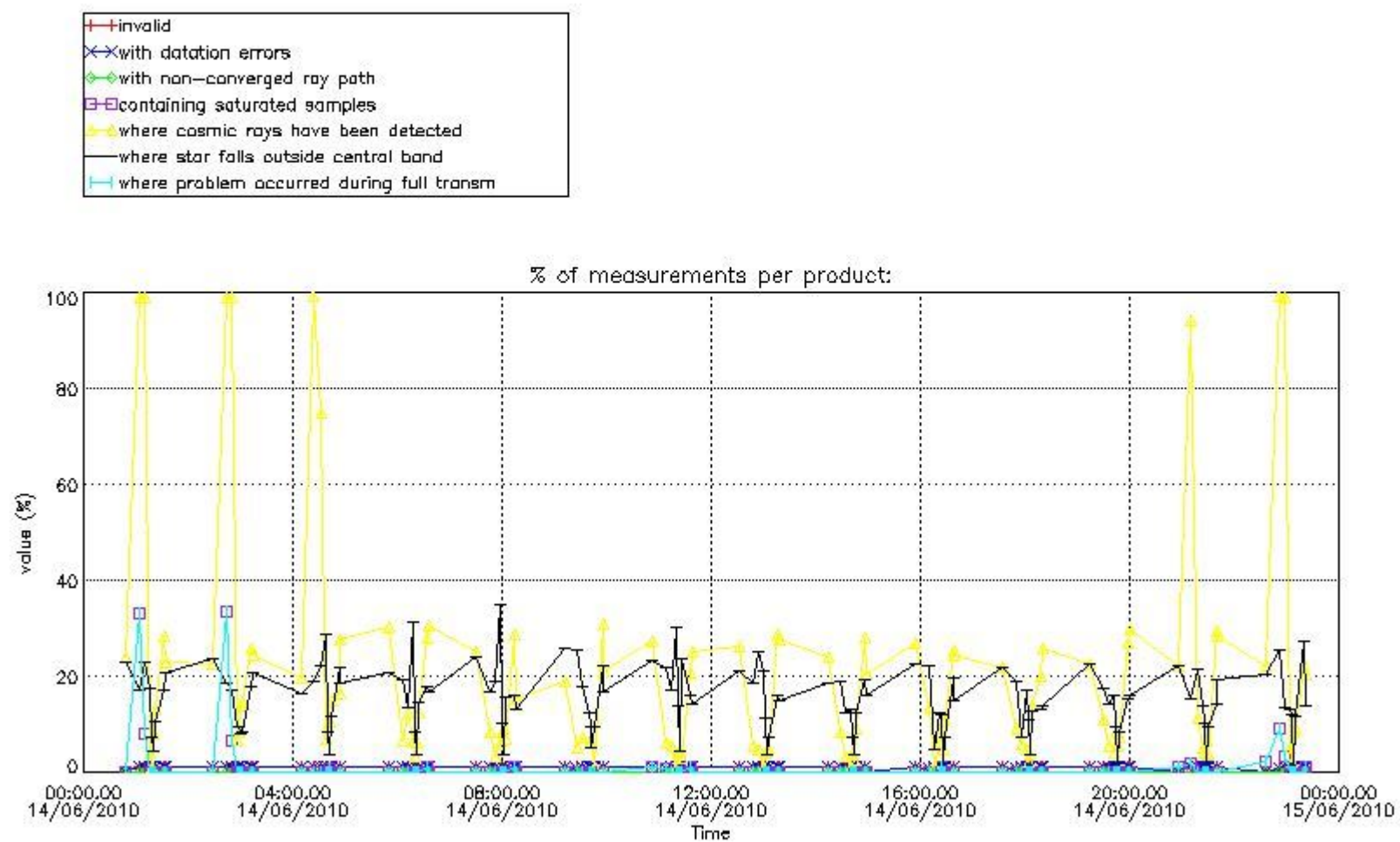
#### 4. Level 1 quality information per product

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

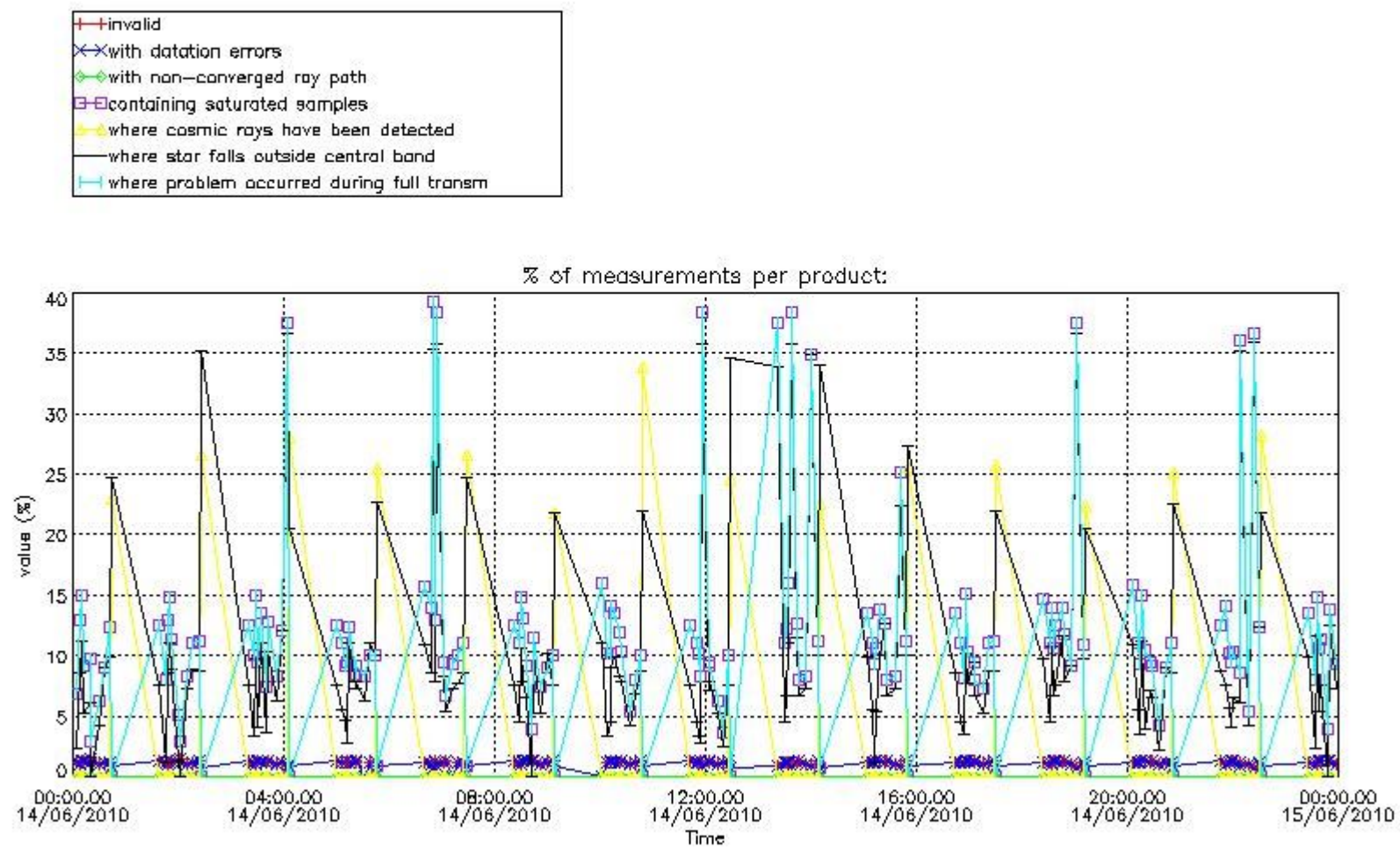
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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

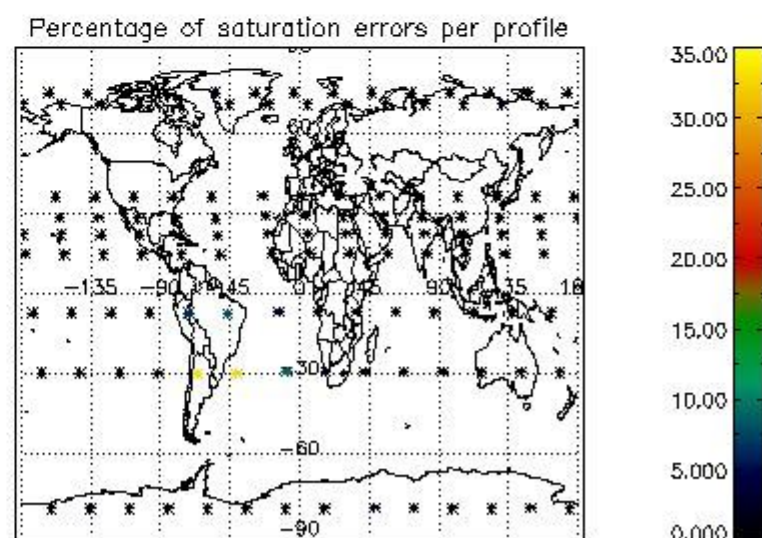
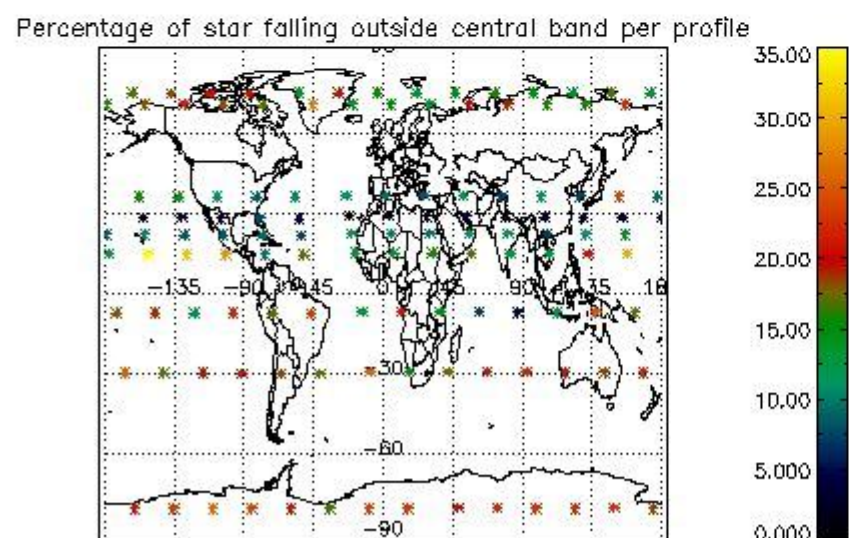
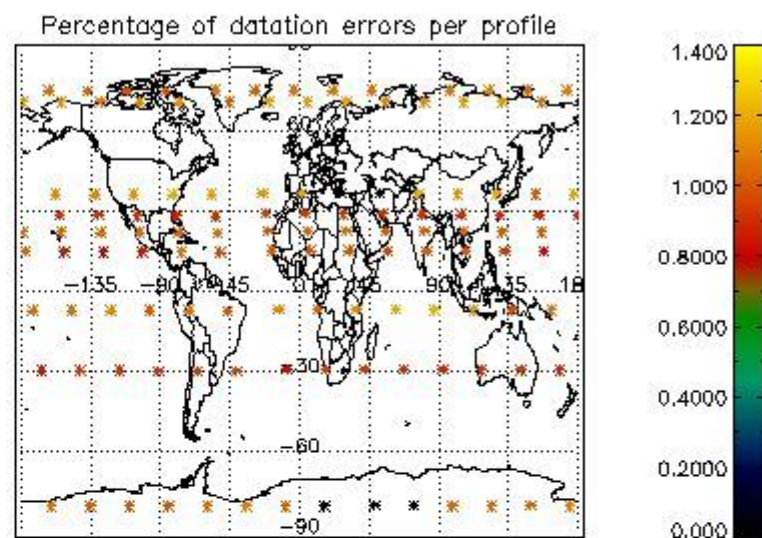
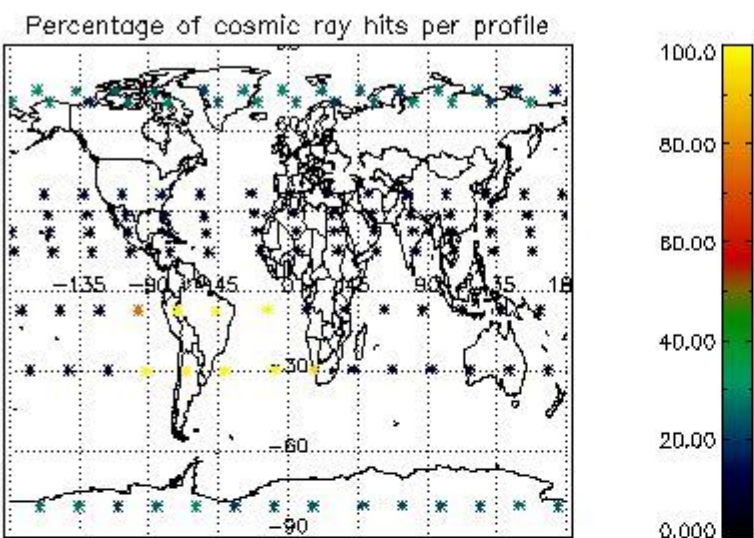




4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

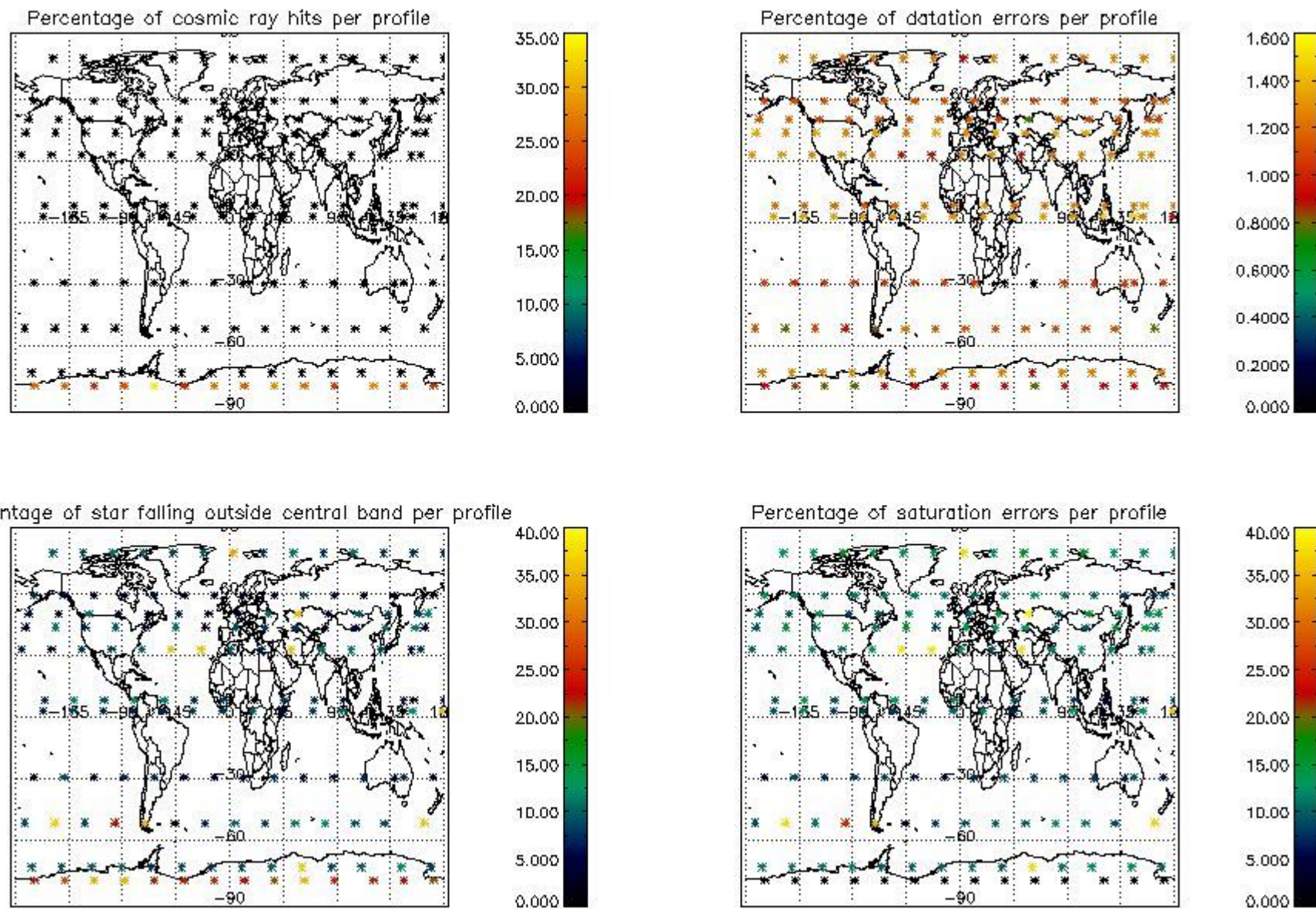


4.2 Plot quality information per product coming from level 1b processing (world map)  
 4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes



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





## 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

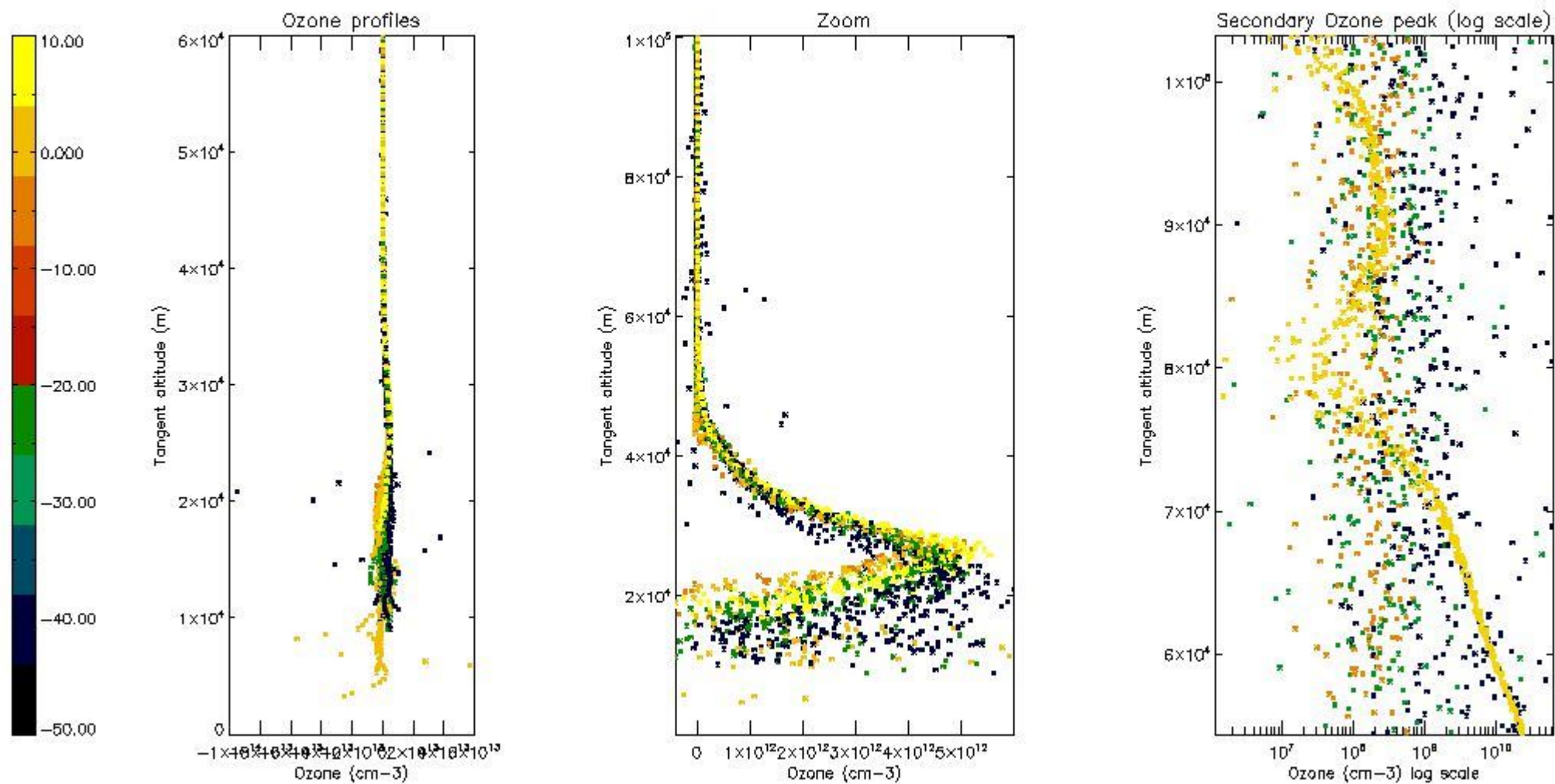
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	22
STD < 20	8

STD < 10	5
STD < 5	3

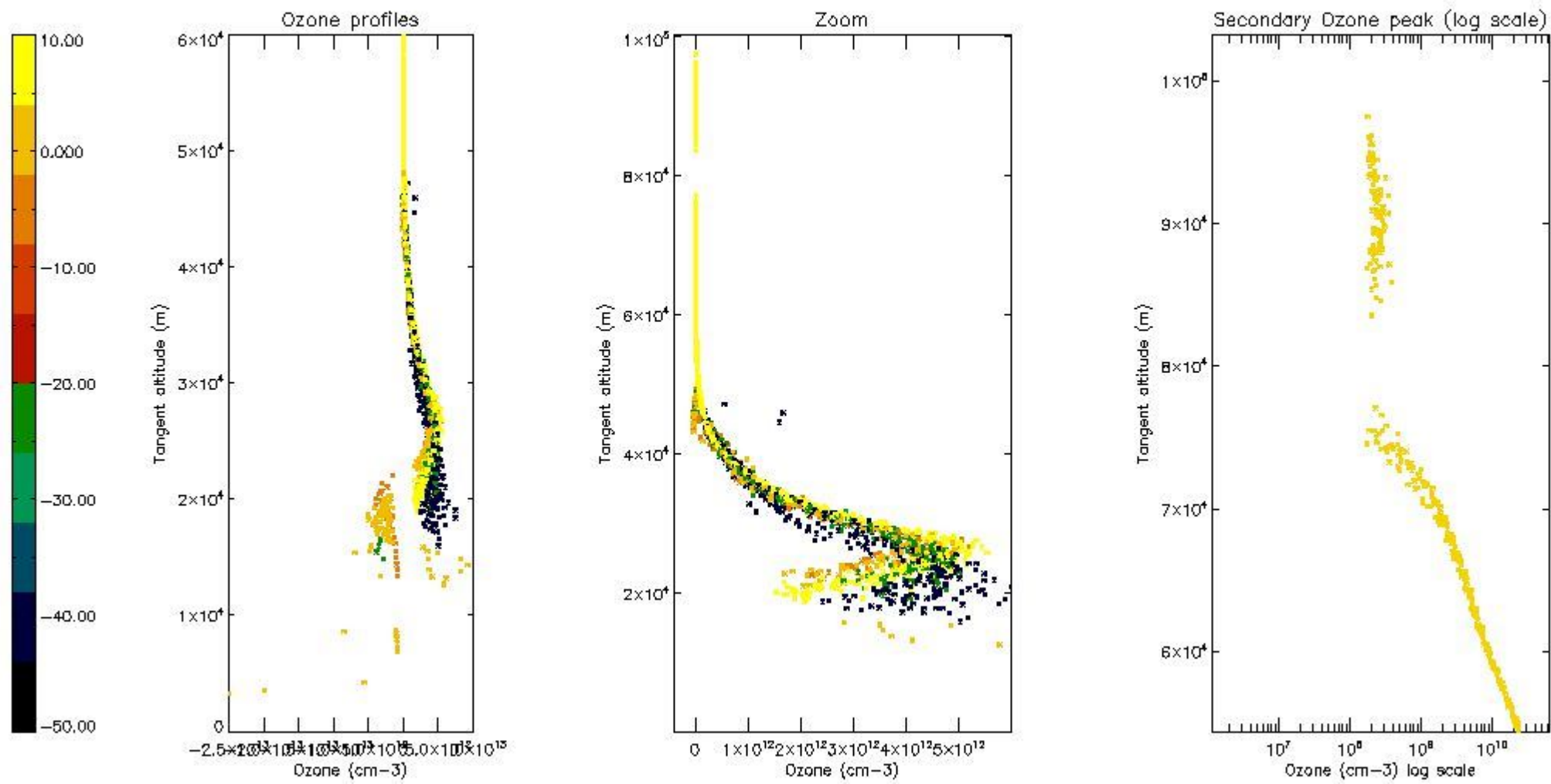
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

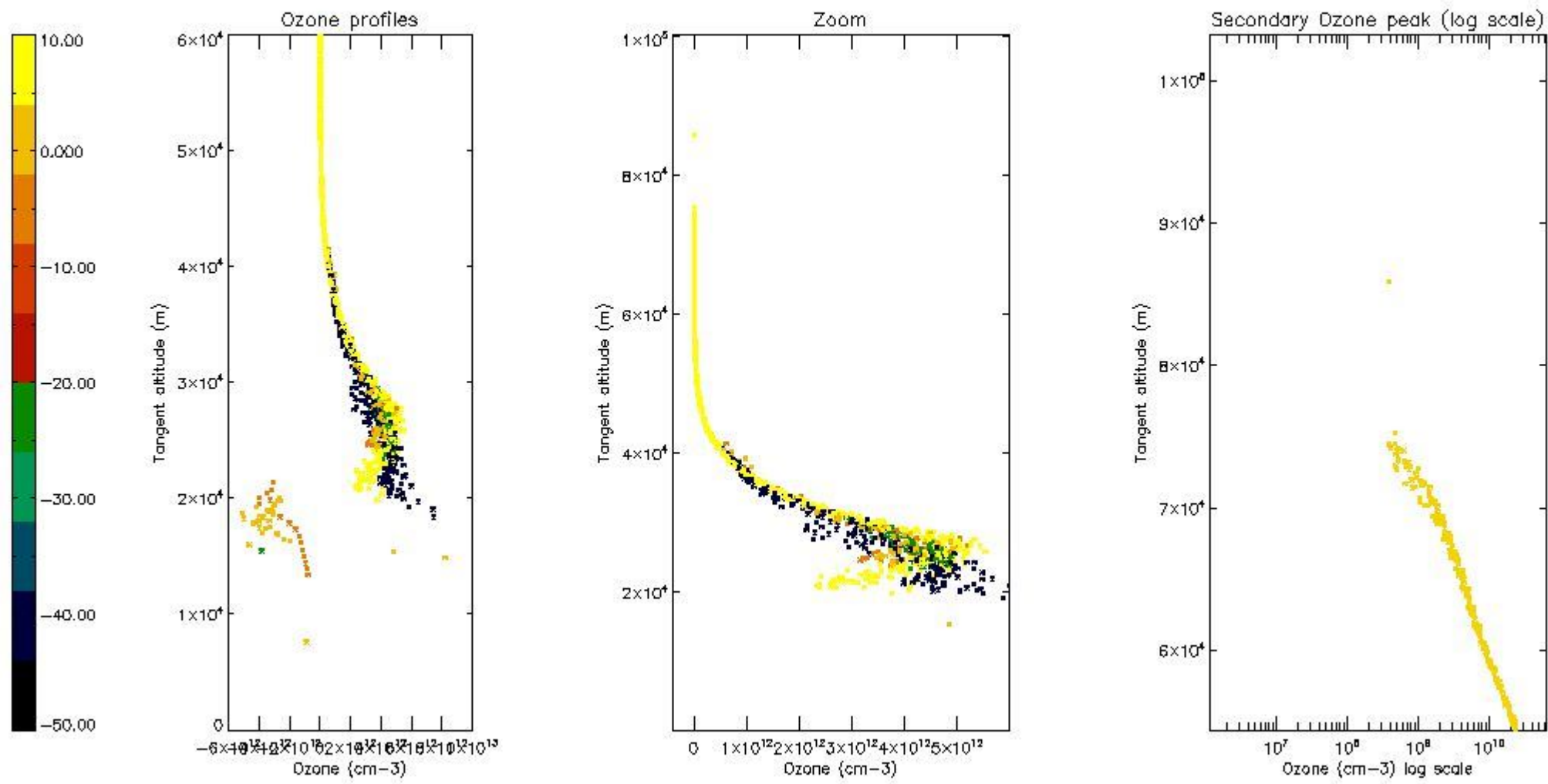
The colorbar represents the latitude.



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

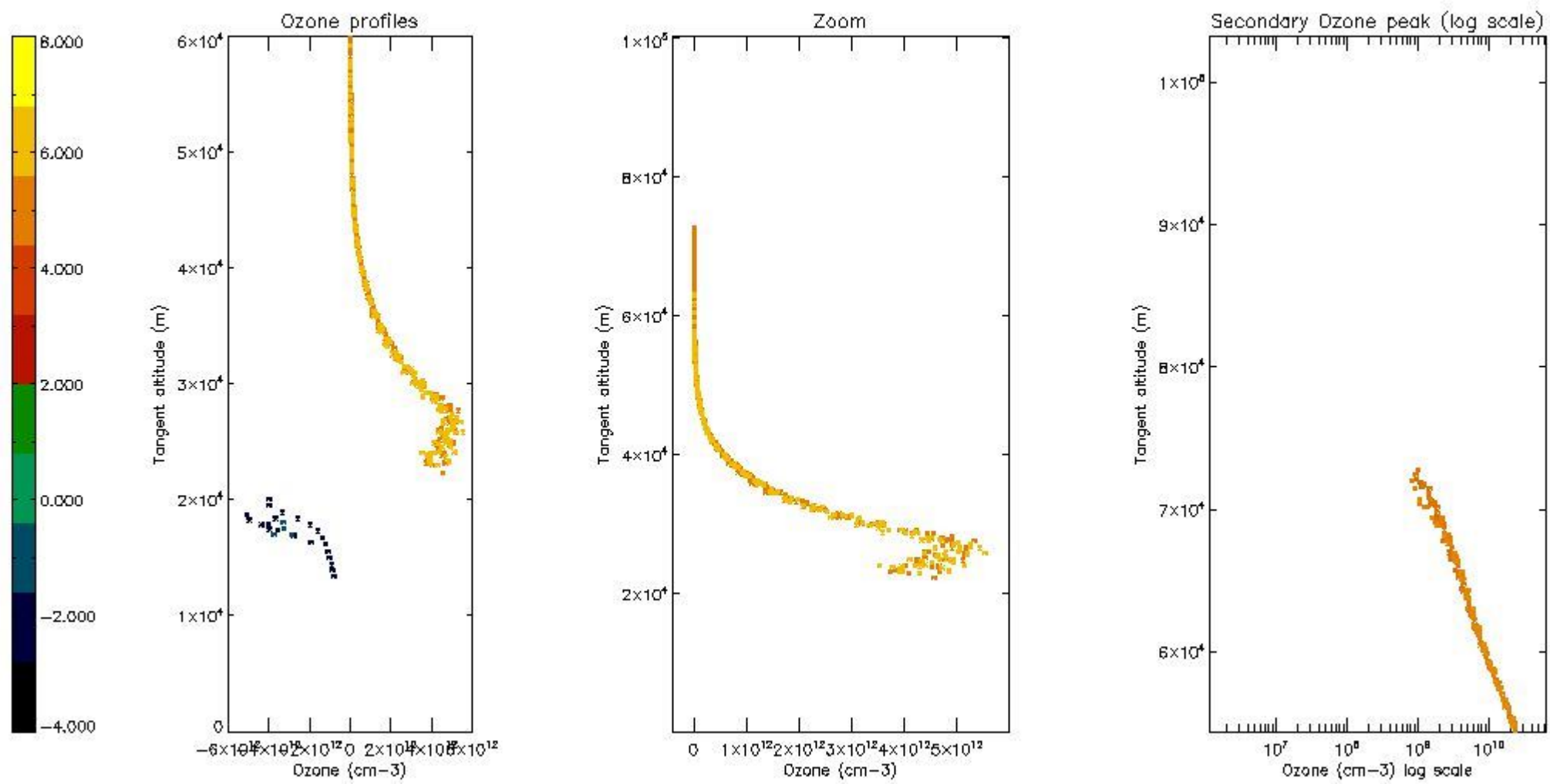
The colorbar represents the latitude.





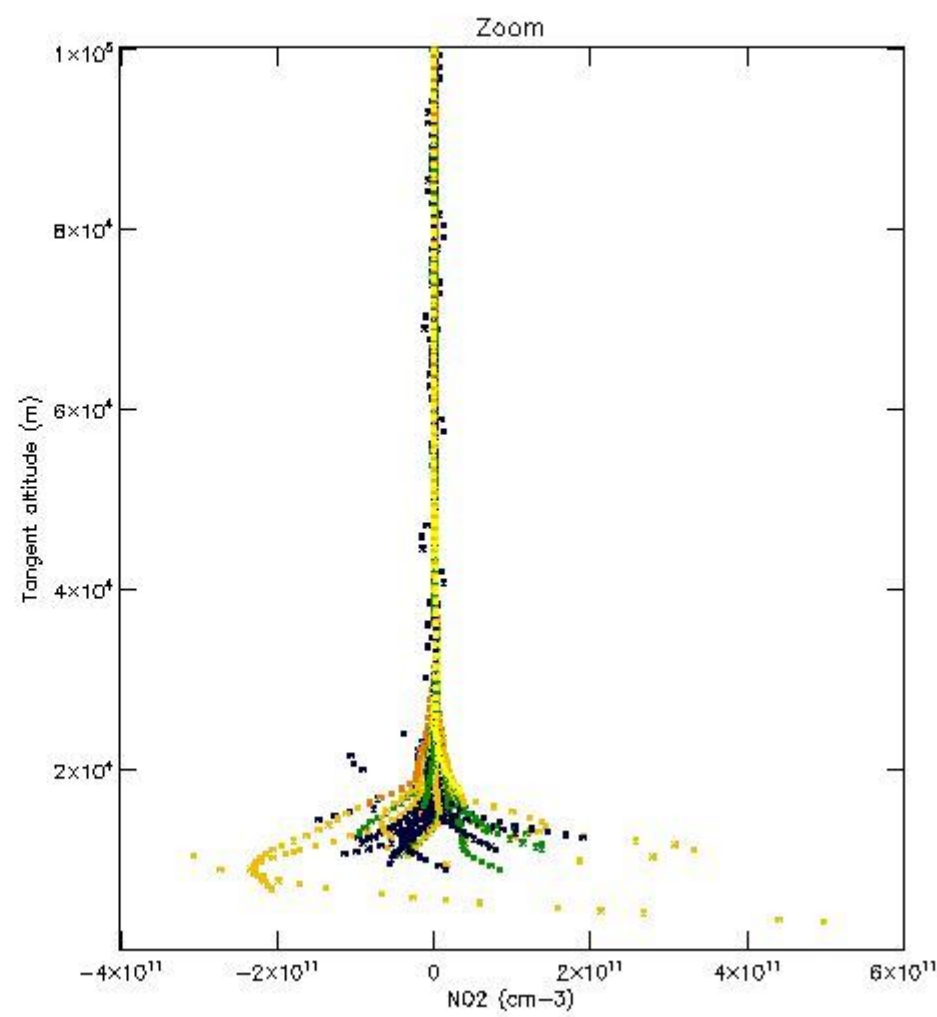
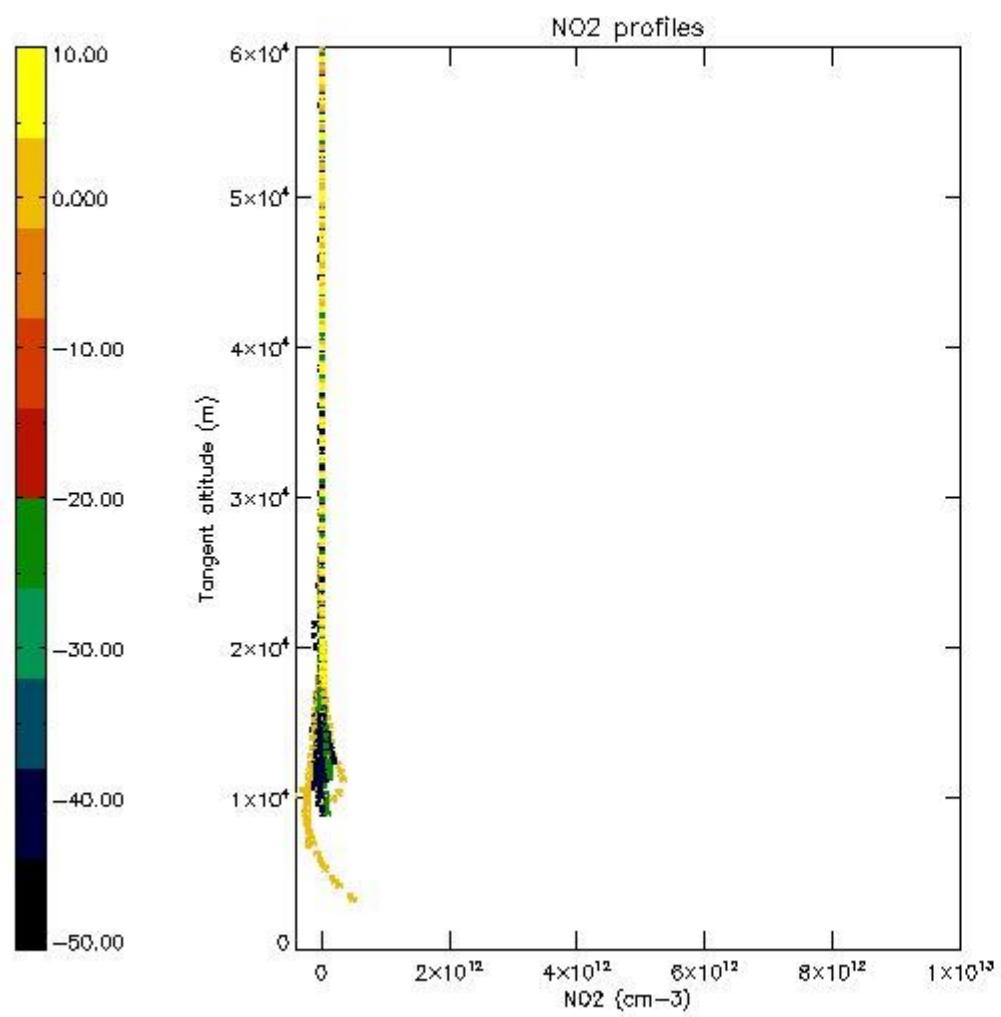
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



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

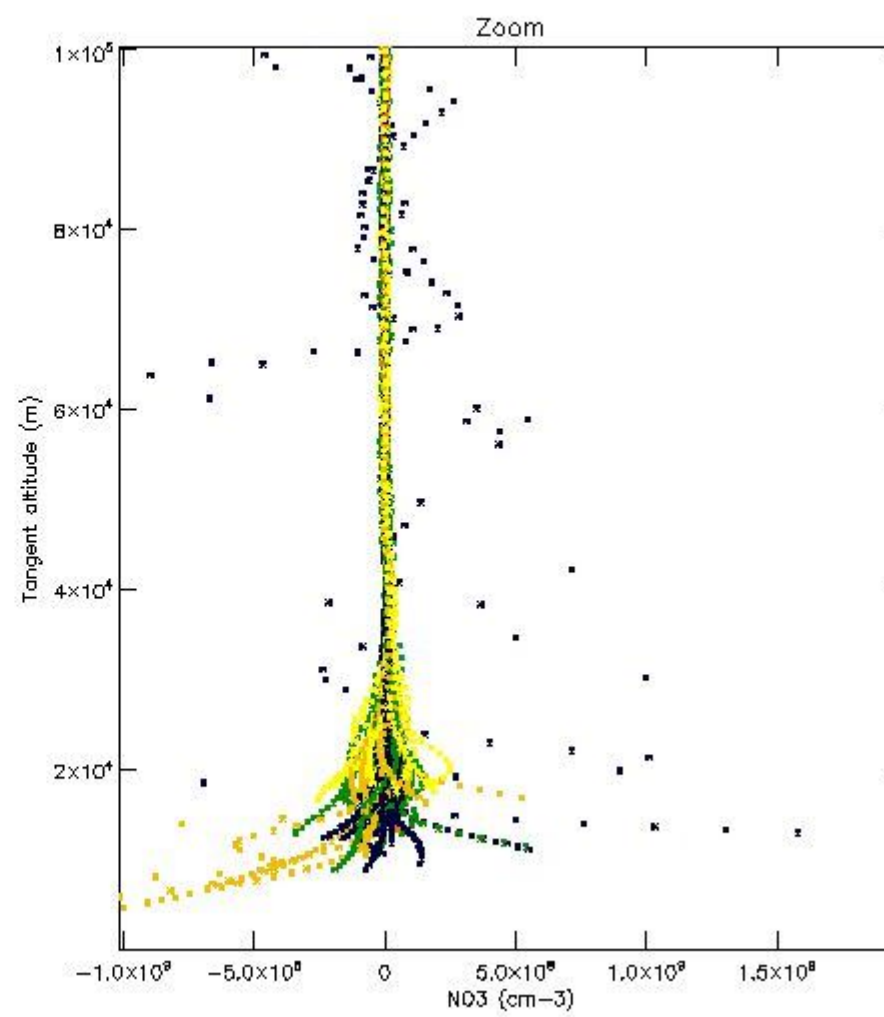
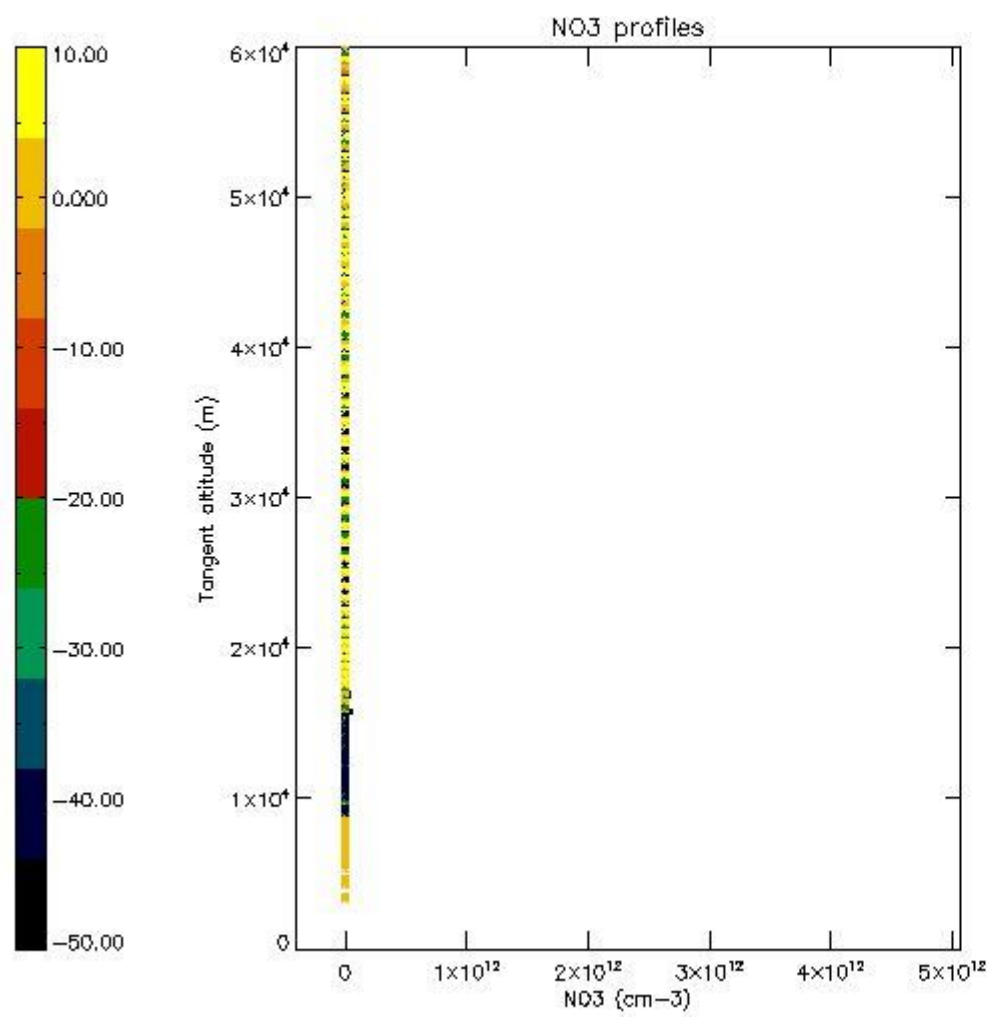
The colorbar represents the latitude.



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

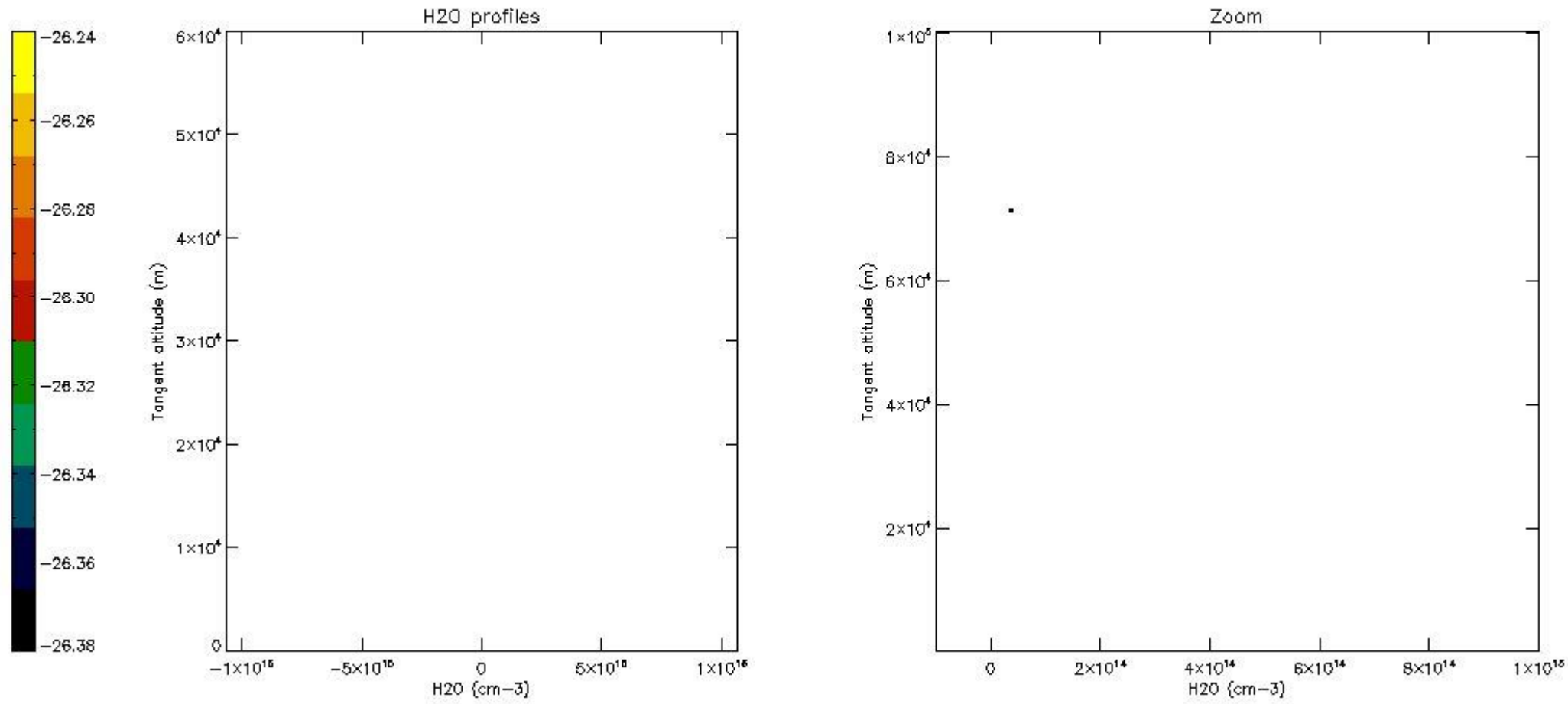
The colorbar represents the latitude.





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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	14-JUN-2010 00:04:53
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	14-JUN-2010 00:04:53
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	14-JUN-2010 00:04:53

# GOMOS Level 2 Daily Report

## SUMMARY

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### [2. Summary of processed GOM\\_NL\\_2P products](#)

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

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#### [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 11:55:58
Data source version	GOMOS/6.01
Start time of products	14-06-2010 (14JUN2010 00:00:00)
Stop time of products	15-06-2010 (15JUN2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	287
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__2PRFIN20100614_000453_000000442090_00188_43328_4541.N1	14-JUN-2010 00:04:53	Bright	43.500	126	60Bet Oph	2.7700	4250.0	87	43328	No
2	GOM_NL__2PRFIN20100614_000726_000000472090_00188_43328_4542.N1	14-JUN-2010 00:07:26	Bright	46.500	59	55Alp Oph	2.0800	8900.0	93	43328	No
3	GOM_NL__2PRFIN20100614_000918_000000402090_00188_43328_4543.N1	14-JUN-2010 00:09:18	Bright	40.000	127	27Bet Her	2.7810	4700.0	80	43328	No
4	GOM_NL__2PRFIN20100614_001223_000000382090_00188_43328_4544.N1	14-JUN-2010 00:12:23	Bright	38.000	133	40Zet Her	2.8070	6000.0	76	43328	No
5	GOM_NL__2PRFIN20100614_001918_000000412090_00188_43328_4545.N1	14-JUN-2010 00:19:18	Bright	41.000	130	23Bet Dra	2.7990	5800.0	82	43328	No
6	GOM_NL__2PRFIN20100614_002043_000000342090_00188_43328_4546.N1	14-JUN-2010 00:20:43	Bright	34.000	119	14Eta Dra	2.7270	4700.0	68	43328	No
7	GOM_NL__2PRFIN20100614_002950_000000482090_00188_43328_4547.N1	14-JUN-2010 00:29:50	Bright	47.500	89	5Alp Cep	2.4510	8000.0	95	43328	No
8	GOM_NL__2PRFIN20100614_003605_000000452090_00188_43328_4548.N1	14-JUN-2010 00:36:05	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	43328	No
9	GOM_NL__2PRFIN20100614_004226_000000412090_00188_43328_4549.N1	14-JUN-2010 00:42:26	Bright	40.500	73	57Gam1And	2.2600	13100.	81	43328	No
10	GOM_NL__2PRFIN20100614_004447_000000572090_00188_43328_4550.N1	14-JUN-2010 00:44:47	Twilight	56.500	53	43Bet And	2.0480	3300.0	113	43328	No
11	GOM_NL__2PRFIN20100614_004812_000000482090_00188_43328_4551.N1	14-JUN-2010 00:48:12	Twilight	48.000	50	13Alp Ari	2.0070	4250.0	96	43328	No
12	GOM_NL__2PRFIN20100614_010332_000000532090_00188_43328_4552.N1	14-JUN-2010 01:03:32	Dark	53.000	52	16Bet Cet	2.0370	4500.0	106	43328	No
13	GOM_NL__2PRFIN20100614_010951_000000502090_00188_43328_4553.N1	14-JUN-2010 01:09:51	Dark	50.000	84	Alp Phe	2.3970	4500.0	100	43328	No
14	GOM_NL__2PRFIN20100614_011559_000000522090_00189_43329_4542.N1	14-JUN-2010 01:15:59	Dark	52.000	63	Bet Gru	2.1500	2800.0	104	43329	No
15	GOM_NL__2PRFIN20100614_011801_000000482090_00189_43329_4543.N1	14-JUN-2010 01:18:01	Dark	47.500	31	Alp Gru	1.7340	15200.	95	43329	No
16	GOM_NL__2PRFIN20100614_011946_000000562090_00189_43329_4544.N1	14-JUN-2010 01:19:46	Straylight	56.000	172	Gam Gru	3.0030	13100.	112	43329	No
17	GOM_NL__2PRFIN20100614_012202_000000432090_00189_43329_4545.N1	14-JUN-2010 01:22:02	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	43329	No
18	GOM_NL__2PRFIN20100614_013204_000000442090_00189_43329_4546.N1	14-JUN-2010 01:32:04	Twilight	44.000	25	35Lam Sco	1.6200	28000.	88	43329	No
19	GOM_NL__2PRFIN20100614_013326_000000512090_00189_43329_4547.N1	14-JUN-2010 01:33:26	Twilight	50.500	167	10Gam2Sgr	2.9840	4500.0	101	43329	No
20	GOM_NL__2PRFIN20100614_013844_000000402090_00189_43329_4548.N1	14-JUN-2010 01:38:44	Bright	40.000	86	35Eta Oph	2.4300	10200.	80	43329	No
21	GOM_NL__2PRFIN20100614_014529_000000442090_00189_43329_4549.N1	14-JUN-2010 01:45:29	Bright	44.000	126	60Bet Oph	2.7700	4250.0	88	43329	No
22	GOM_NL__2PRFIN20100614_014802_000000472090_00189_43329_4550.N1	14-JUN-2010 01:48:02	Bright	46.500	59	55Alp Oph	2.0800	8900.0	93	43329	No
23	GOM_NL__2PRFIN20100614_014954_000000412090_00189_43329_4551.N1	14-JUN-2010 01:49:54	Bright	40.500	127	27Bet Her	2.7810	4700.0	81	43329	No
24	GOM_NL__2PRFIN20100614_015259_000000402090_00189_43329_4552.N1	14-JUN-2010 01:52:59	Bright	39.500	133	40Zet Her	2.8070	6000.0	79	43329	No
25	GOM_NL__2PRFIN20100614_015953_000000402090_00189_43329_4553.N1	14-JUN-2010 01:59:53	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	43329	No
26	GOM_NL__2PRFIN20100614_020119_000000342090_00189_43329_4554.N1	14-JUN-2010 02:01:19	Bright	34.000	119	14Eta Dra	2.7270	4700.0	68	43329	No
27	GOM_NL__2PRFIN20100614_021026_000000492090_00189_43329_4555.N1	14-JUN-2010 02:10:26	Bright	48.500	89	5Alp Cep	2.4510	8000.0	97	43329	No
28	GOM_NL__2PRFIN20100614_021641_000000452090_00189_43329_4556.N1	14-JUN-2010 02:16:41	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	43329	No
29	GOM_NL__2PRFIN20100614_022302_000000402090_00189_43329_4557.N1	14-JUN-2010 02:23:02	Bright	40.000	73	57Gam1And	2.2600	13100.	80	43329	No
30	GOM_NL__2PRFIN20100614_022523_000000642090_00189_43329_4558.N1	14-JUN-2010 02:25:23	Twilight	64.000	53	43Bet And	2.0480	3300.0	128	43329	No
31	GOM_NL__2PRFIN20100614_022848_000000492090_00189_43329_4559.N1	14-JUN-2010 02:28:48	Twilight	49.000	50	13Alp Ari	2.0070	4250.0	98	43329	No
32	GOM_NL__2PRFIN20100614_024409_000000542090_00189_43329_4560.N1	14-JUN-2010 02:44:09	Dark	54.000	52	16Bet Cet	2.0370	4500.0	108	43329	No
33	GOM_NL__2PRFIN20100614_025028_000000472090_00189_43329_4561.N1	14-JUN-2010 02:50:28	Dark	46.500	84	Alp Phe	2.3970	4500.0	93	43329	No
34	GOM_NL__2PRFIN20100614_025635_000000472090_00190_43330_4562.N1	14-JUN-2010 02:56:35	Dark	47.000	63	Bet Gru	2.1500	2800.0	94	43330	No
35	GOM_NL__2PRFIN20100614_025838_000000492090_00190_43330_4551.N1	14-JUN-2010 02:58:38	Dark	48.500	31	Alp Gru	1.7340	15200.	97	43330	No
36	GOM_NL__2PRFIN20100614_030023_000000582090_00190_43330_4552.N1	14-JUN-2010 03:00:23	Straylight	57.500	172	Gam Gru	3.0030	13100.	115	43330	No
37	GOM_NL__2PRFIN20100614_030239_000000422090_00190_43330_4553.N1	14-JUN-2010 03:02:39	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	43330	No
38	GOM_NL__2PRFIN20100614_031240_000000452090_00190_43330_4554.N1	14-JUN-2010 03:12:40	Twilight	44.500	25	35Lam Sco	1.6200	28000.	89	43330	No
39	GOM_NL__2PRFIN20100614_031403_000000512090_00190_43330_4555.N1	14-JUN-2010 03:14:03	Twilight	51.000	167	10Gam2Sgr	2.9840	4500.0	102	43330	No
40	GOM_NL__2PRFIN20100614_031920_000000402090_00190_43330_4556.N1	14-JUN-2010 03:19:20	Bright	40.000	86	35Eta Oph	2.4300	10200.	80	43330	No
41	GOM_NL__2PRFIN20100614_032604_000000452090_00190_43330_4557.N1	14-JUN-2010 03:26:04	Bright	45.000	126	60Bet Oph	2.7700	4250.0	90	43330	No
42	GOM_NL__2PRFIN20100614_032838_000000472090_00190_43330_4558.N1	14-JUN-2010 03:28:38	Bright	46.500	59	55Alp Oph	2.0800	8900.0	93	43330	No

43	GOM_NL__2PRFIN20100614_033030_000000372090_00190_43330_4559.N1	14-JUN-2010 03:30:30	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	43330	No
44	GOM_NL__2PRFIN20100614_033334_000000412090_00190_43330_4560.N1	14-JUN-2010 03:33:34	Bright	40.500	133	40Zet Her	2.8070	6000.0	81	43330	No
45	GOM_NL__2PRFIN20100614_034029_000000412090_00190_43330_4561.N1	14-JUN-2010 03:40:29	Bright	40.500	130	23Bet Dra	2.7990	5800.0	81	43330	No
46	GOM_NL__2PRFIN20100614_034155_000000392090_00190_43330_4562.N1	14-JUN-2010 03:41:55	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	43330	No
47	GOM_NL__2PRFIN20100614_035101_000000482090_00190_43330_4563.N1	14-JUN-2010 03:51:01	Bright	48.000	89	5Alp Cep	2.4510	8000.0	96	43330	No
48	GOM_NL__2PRFIN20100614_035717_000000462090_00190_43330_4564.N1	14-JUN-2010 03:57:17	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	43330	No
49	GOM_NL__2PRFIN20100614_040339_000000562090_00190_43330_4565.N1	14-JUN-2010 04:03:39	Bright	56.000	73	57Gam1And	2.2600	13100.	112	43330	No
50	GOM_NL__2PRFIN20100614_040559_000000542090_00190_43330_4566.N1	14-JUN-2010 04:05:59	Twilight	53.500	53	43Bet And	2.0480	3300.0	107	43330	No
51	GOM_NL__2PRFIN20100614_040924_000000462090_00190_43330_4567.N1	14-JUN-2010 04:09:24	Twilight	45.500	50	13Alp Ari	2.0070	4250.0	91	43330	No
52	GOM_NL__2PRFIN20100614_042445_000000552090_00190_43330_4568.N1	14-JUN-2010 04:24:45	Dark	55.000	52	16Bet Cet	2.0370	4500.0	110	43330	No
53	GOM_NL__2PRFIN20100614_043105_000000502090_00190_43330_4569.N1	14-JUN-2010 04:31:05	Dark	50.000	84	Alp Phe	2.3970	4500.0	100	43330	No
54	GOM_NL__2PRFIN20100614_043713_000000592090_00191_43331_4578.N1	14-JUN-2010 04:37:13	Dark	59.000	63	Bet Gru	2.1500	2800.0	118	43331	No
55	GOM_NL__2PRFIN20100614_043915_000000482090_00191_43331_4579.N1	14-JUN-2010 04:39:15	Dark	47.500	31	Alp Gru	1.7340	15200.	95	43331	No
56	GOM_NL__2PRFIN20100614_044101_000000562090_00191_43331_4580.N1	14-JUN-2010 04:41:01	Straylight	56.000	172	Gam Gru	3.0030	13100.	112	43331	No
57	GOM_NL__2PRFIN20100614_044315_000000442090_00191_43331_4581.N1	14-JUN-2010 04:43:15	Straylight	43.500	45	Alp Pav	1.9400	26000.	87	43331	No
58	GOM_NL__2PRFIN20100614_045316_000000462090_00191_43331_4582.N1	14-JUN-2010 04:53:16	Twilight	46.000	25	35Lam Sco	1.6200	28000.	92	43331	No
59	GOM_NL__2PRFIN20100614_045439_000000492090_00191_43331_4583.N1	14-JUN-2010 04:54:39	Twilight	49.000	167	10Gam2Sgr	2.9840	4500.0	98	43331	No
60	GOM_NL__2PRFIN20100614_045956_000000402090_00191_43331_4584.N1	14-JUN-2010 04:59:56	Bright	40.000	86	35Eta Oph	2.4300	10200.	80	43331	No
61	GOM_NL__2PRFIN20100614_050640_000000462090_00191_43331_4585.N1	14-JUN-2010 05:06:40	Bright	45.500	126	60Bet Oph	2.7700	4250.0	91	43331	No
62	GOM_NL__2PRFIN20100614_050913_000000442090_00191_43331_4586.N1	14-JUN-2010 05:09:13	Bright	43.500	59	55Alp Oph	2.0800	8900.0	87	43331	No
63	GOM_NL__2PRFIN20100614_051105_000000372090_00191_43331_4587.N1	14-JUN-2010 05:11:05	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	43331	No
64	GOM_NL__2PRFIN20100614_051410_000000412090_00191_43331_4588.N1	14-JUN-2010 05:14:10	Bright	40.500	133	40Zet Her	2.8070	6000.0	81	43331	No
65	GOM_NL__2PRFIN20100614_052105_000000422090_00191_43331_4589.N1	14-JUN-2010 05:21:05	Bright	41.500	130	23Bet Dra	2.7990	5800.0	83	43331	No
66	GOM_NL__2PRFIN20100614_052231_000000382090_00191_43331_4590.N1	14-JUN-2010 05:22:31	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	43331	No
67	GOM_NL__2PRFIN20100614_053136_000000482090_00191_43331_4591.N1	14-JUN-2010 05:31:36	Bright	48.000	89	5Alp Cep	2.4510	8000.0	96	43331	No
68	GOM_NL__2PRFIN20100614_053752_000000452090_00191_43331_4592.N1	14-JUN-2010 05:37:52	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	43331	No
69	GOM_NL__2PRFIN20100614_054415_000000402090_00191_43331_4593.N1	14-JUN-2010 05:44:15	Bright	40.000	73	57Gam1And	2.2600	13100.	80	43331	No
70	GOM_NL__2PRFIN20100614_054635_000000552090_00191_43331_4594.N1	14-JUN-2010 05:46:35	Twilight	55.000	53	43Bet And	2.0480	3300.0	110	43331	No
71	GOM_NL__2PRFIN20100614_055000_000000482090_00191_43331_4595.N1	14-JUN-2010 05:50:00	Twilight	48.000	50	13Alp Ari	2.0070	4250.0	96	43331	No
72	GOM_NL__2PRFIN20100614_060523_000000552090_00191_43331_4596.N1	14-JUN-2010 06:05:23	Dark	54.500	52	16Bet Cet	2.0370	4500.0	109	43331	No
73	GOM_NL__2PRFIN20100614_061141_000000452090_00191_43331_4597.N1	14-JUN-2010 06:11:41	Dark	45.000	84	Alp Phe	2.3970	4500.0	90	43331	No
74	GOM_NL__2PRFIN20100614_061750_000000622090_00192_43332_4586.N1	14-JUN-2010 06:17:50	Dark	62.000	63	Bet Gru	2.1500	2800.0	124	43332	No
75	GOM_NL__2PRFIN20100614_061952_000000482090_00192_43332_4587.N1	14-JUN-2010 06:19:52	Dark	48.000	31	Alp Gru	1.7340	15200.	96	43332	No
76	GOM_NL__2PRFIN20100614_062138_000000562090_00192_43332_4588.N1	14-JUN-2010 06:21:38	Straylight	55.500	172	Gam Gru	3.0030	13100.	111	43332	No
77	GOM_NL__2PRFIN20100614_062352_000000452090_00192_43332_4589.N1	14-JUN-2010 06:23:52	Straylight	45.000	45	Alp Pav	1.9400	26000.	90	43332	No
78	GOM_NL__2PRFIN20100614_063353_000000452090_00192_43332_4590.N1	14-JUN-2010 06:33:53	Twilight	44.500	25	35Lam Sco	1.6200	28000.	89	43332	No
79	GOM_NL__2PRFIN20100614_063515_000000482090_00192_43332_4591.N1	14-JUN-2010 06:35:15	Twilight	47.500	167	10Gam2Sgr	2.9840	4500.0	95	43332	No
80	GOM_NL__2PRFIN20100614_064032_000000422090_00192_43332_4592.N1	14-JUN-2010 06:40:32	Bright	41.500	86	35Eta Oph	2.4300	10200.	83	43332	No
81	GOM_NL__2PRFIN20100614_064716_000000472090_00192_43332_4593.N1	14-JUN-2010 06:47:16	Bright	46.500	126	60Bet Oph	2.7700	4250.0	93	43332	No
82	GOM_NL__2PRFIN20100614_064949_000000652090_00192_43332_4594.N1	14-JUN-2010 06:49:49	Bright	65.000	59	55Alp Oph	2.0800	8900.0	130	43332	No
83	GOM_NL__2PRFIN20100614_065141_000000392090_00192_43332_4595.N1	14-JUN-2010 06:51:41	Bright	38.500	127	27Bet Her	2.7810	4700.0	77	43332	No
84	GOM_NL__2PRFIN20100614_065446_000000562090_00192_43332_4596.N1	14-JUN-2010 06:54:46	Bright	56.000	133	40Zet Her	2.8070	6000.0	112	43332	No
85	GOM_NL__2PRFIN20100614_070140_000000422090_00192_43332_4597.N1	14-JUN-2010 07:01:40	Bright	42.000	130	23Bet Dra	2.7990	5800.0	84	43332	No
86	GOM_NL__2PRFIN20100614_070306_000000372090_00192_43332_4598.N1	14-JUN-2010 07:03:06	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	43332	No
87	GOM_NL__2PRFIN20100614_071212_000000492090_00192_43332_4599.N1	14-JUN-2010 07:12:12	Bright	48.500	89	5Alp Cep	2.4510	8000.0	97	43332	No
88	GOM_NL__2PRFIN20100614_071828_000000452090_00192_43332_4600.N1	14-JUN-2010 07:18:28	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	43332	No
89	GOM_NL__2PRFIN20100614_072451_000000412090_00192_43332_4601.N1	14-JUN-2010 07:24:51	Bright	40.500	73	57Gam1And	2.2600	13100.	81	43332	No
90	GOM_NL__2PRFIN20100614_072712_000000572090_00192_43332_4602.N1	14-JUN-2010 07:27:12	Twilight	56.500	53	43Bet And	2.0480	3300.0	113	43332	No
91	GOM_NL__2PRFIN20100614_073036_000000502090_00192_43332_4603.N1	14-JUN-2010 07:30:36	Twilight	50.000	50	13Alp Ari	2.0070	4250.0	100	43332	No
92	GOM_NL__2PRFIN20100614_074559_000000542090_00192_43332_4604.N1	14-JUN-2010 07:45:59	Dark	53.500	52	16Bet Cet	2.0370	4500.0	107	43332	No
93	GOM_NL__2PRFIN20100614_075218_000000482090_00192_43332_4605.N1	14-JUN-2010 07:52:18	Dark	47.500	84	Alp Phe	2.3970	4500.0	95	43332	No
94	GOM_NL__2PRFIN20100614_075826_000000662090_00193_43333_4594.N1	14-JUN-2010 07:58:26	Dark	66.000	63	Bet Gru	2.1500	2800.0	132	43333	No
95	GOM_NL__2PRFIN20100614_080030_000000492090_00193_43333_4595.N1	14-JUN-2010 08:00:30	Dark	48.500	31	Alp Gru	1.7340	15200.	97	43333	No
96	GOM_NL__2PRFIN20100614_080215_000000562090_00193_43333_4596.N1	14-JUN-2010 08:02:15	Straylight	55.500	172	Gam Gru	3.0030	13100.	111	43333	No
97	GOM_NL__2PRFIN20100614_080429_000000452090_00193_43333_4597.N1	14-JUN-2010 08:04:29	Straylight	44.500	45	Alp Pav	1.9400	26000.	89	43333	No
98	GOM_NL__2PRFIN20100614_081429_000000442090_00193_43333_4598.N1	14-JUN-2010 08:14:29	Twilight	43.500	25	35Lam Sco	1.6200	28000.	87	43333	No
99	GOM_NL__2PRFIN20100614_081551_000000462090_00193_43333_4599.N1	14-JUN-2010 08:15:51	Twilight	46.000	167	10Gam2Sgr	2.9840	4500.0	92	43333	No
100	GOM_NL__2PRFIN20100614_082108_000000402090_00193_43333_4600.N1	14-JUN-2010 08:21:08	Bright	40.000	86	35Eta Oph	2.4300	10200.	80	43333	No
101	GOM_NL__2PRFIN20100614_082751_000000452090_00193_43333_4601.N1	14-JUN-2010 08:27:51	Bright	45.000	126	60Bet Oph	2.7700	4250.0	90	43333	No

102	GOM_NL__2PRFIN20100614_083024_000000472090_00193_43333_4602.N1	14-JUN-2010 08:30:24	Bright	47.000	59	55Alp Oph	2.0800	8900.0	94	43333	No
103	GOM_NL__2PRFIN20100614_083217_000000382090_00193_43333_4603.N1	14-JUN-2010 08:32:17	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	43333	No
104	GOM_NL__2PRFIN20100614_083522_000000392090_00193_43333_4604.N1	14-JUN-2010 08:35:22	Bright	38.500	133	40Zet Her	2.8070	6000.0	77	43333	No
105	GOM_NL__2PRFIN20100614_084216_000000382090_00193_43333_4605.N1	14-JUN-2010 08:42:16	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	43333	No
106	GOM_NL__2PRFIN20100614_084342_000000392090_00193_43333_4606.N1	14-JUN-2010 08:43:42	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	43333	No
107	GOM_NL__2PRFIN20100614_085247_000000482090_00193_43333_4607.N1	14-JUN-2010 08:52:47	Bright	47.500	89	5Alp Cep	2.4510	8000.0	95	43333	No
108	GOM_NL__2PRFIN20100614_085904_000000452090_00193_43333_4608.N1	14-JUN-2010 08:59:04	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	43333	No
109	GOM_NL__2PRFIN20100614_090527_000000402090_00193_43333_4609.N1	14-JUN-2010 09:05:27	Bright	40.000	73	57Gam1And	2.2600	13100.	80	43333	No
110	GOM_NL__2PRFIN20100614_090747_000000552090_00193_43333_4610.N1	14-JUN-2010 09:07:47	Twi_and_stray	55.000	53	43Bet And	2.0480	3300.0	110	43333	No
111	GOM_NL__2PRFIN20100614_091113_000000512090_00193_43333_4611.N1	14-JUN-2010 09:11:13	Twilight	50.500	50	13Alp Ari	2.0070	4250.0	101	43333	No
112	GOM_NL__2PRFIN20100614_092636_000000592090_00193_43333_4612.N1	14-JUN-2010 09:26:36	Dark	59.000	52	16Bet Cet	2.0370	4500.0	118	43333	No
113	GOM_NL__2PRFIN20100614_093255_000000482090_00193_43333_4613.N1	14-JUN-2010 09:32:55	Dark	47.500	84	Alp Phe	2.3970	4500.0	95	43333	No
114	GOM_NL__2PRFIN20100614_093904_000000492090_00194_43334_4602.N1	14-JUN-2010 09:39:04	Dark	48.500	63	Bet Gru	2.1500	2800.0	97	43334	No
115	GOM_NL__2PRFIN20100614_094106_000000482090_00194_43334_4603.N1	14-JUN-2010 09:41:06	Dark	48.000	31	Alp Gru	1.7340	15200.	96	43334	No
116	GOM_NL__2PRFIN20100614_094252_000000572090_00194_43334_4604.N1	14-JUN-2010 09:42:52	Straylight	57.000	172	Gam Gru	3.0030	13100.	114	43334	No
117	GOM_NL__2PRFIN20100614_094505_000000432090_00194_43334_4605.N1	14-JUN-2010 09:45:05	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	43334	No
118	GOM_NL__2PRFIN20100614_095505_000000472090_00194_43334_4606.N1	14-JUN-2010 09:55:05	Twi_and_stray	47.000	25	35Lam Sco	1.6200	28000.	94	43334	No
119	GOM_NL__2PRFIN20100614_095628_000000482090_00194_43334_4607.N1	14-JUN-2010 09:56:28	Twi_and_stray	47.500	167	10Gam2Sgr	2.9840	4500.0	95	43334	No
120	GOM_NL__2PRFIN20100614_100145_000000412090_00194_43334_4608.N1	14-JUN-2010 10:01:45	Bright	40.500	86	35Eta Oph	2.4300	10200.	81	43334	No
121	GOM_NL__2PRFIN20100614_100827_000000442090_00194_43334_4609.N1	14-JUN-2010 10:08:27	Bright	44.000	126	60Bet Oph	2.7700	4250.0	88	43334	No
122	GOM_NL__2PRFIN20100614_101100_000000442090_00194_43334_4610.N1	14-JUN-2010 10:11:00	Bright	44.000	59	55Alp Oph	2.0800	8900.0	88	43334	No
123	GOM_NL__2PRFIN20100614_101253_000000392090_00194_43334_4611.N1	14-JUN-2010 10:12:53	Bright	39.000	127	27Bet Her	2.7810	4700.0	78	43334	No
124	GOM_NL__2PRFIN20100614_101557_000000412090_00194_43334_4612.N1	14-JUN-2010 10:15:57	Bright	40.500	133	40Zet Her	2.8070	6000.0	81	43334	No
125	GOM_NL__2PRFIN20100614_102251_000000422090_00194_43334_4613.N1	14-JUN-2010 10:22:51	Bright	42.000	130	23Bet Dra	2.7990	5800.0	84	43334	No
126	GOM_NL__2PRFIN20100614_102418_000000392090_00194_43334_4614.N1	14-JUN-2010 10:24:18	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	43334	No
127	GOM_NL__2PRFIN20100614_103322_000000472090_00194_43334_4615.N1	14-JUN-2010 10:33:22	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	43334	No
128	GOM_NL__2PRFIN20100614_103939_000000442090_00194_43334_4616.N1	14-JUN-2010 10:39:39	Bright	44.000	74	11Bet Cas	2.2680	6600.0	88	43334	No
129	GOM_NL__2PRFIN20100614_104602_000000402090_00194_43334_4617.N1	14-JUN-2010 10:46:02	Bright	40.000	73	57Gam1And	2.2600	13100.	80	43334	No
130	GOM_NL__2PRFIN20100614_104823_000000552090_00194_43334_4618.N1	14-JUN-2010 10:48:23	Twi_and_stray	54.500	53	43Bet And	2.0480	3300.0	109	43334	No
131	GOM_NL__2PRFIN20100614_105149_000000502090_00194_43334_4619.N1	14-JUN-2010 10:51:49	Twilight	49.500	50	13Alp Ari	2.0070	4250.0	99	43334	No
132	GOM_NL__2PRFIN20100614_110713_000000572090_00194_43334_4620.N1	14-JUN-2010 11:07:13	Dark	57.000	52	16Bet Cet	2.0370	4500.0	114	43334	No
133	GOM_NL__2PRFIN20100614_111331_000000472090_00194_43334_4621.N1	14-JUN-2010 11:13:31	Dark	46.500	84	Alp Phe	2.3970	4500.0	93	43334	No
134	GOM_NL__2PRFIN20100614_111940_000000622090_00195_43335_4610.N1	14-JUN-2010 11:19:40	Dark	61.500	63	Bet Gru	2.1500	2800.0	123	43335	No
135	GOM_NL__2PRFIN20100614_112143_000000512090_00195_43335_4611.N1	14-JUN-2010 11:21:43	Dark	50.500	31	Alp Gru	1.7340	15200.	101	43335	No
136	GOM_NL__2PRFIN20100614_112330_000000572090_00195_43335_4612.N1	14-JUN-2010 11:23:30	Straylight	57.000	172	Gam Gru	3.0030	13100.	114	43335	No
137	GOM_NL__2PRFIN20100614_112542_000000512090_00195_43335_4613.N1	14-JUN-2010 11:25:42	Straylight	50.500	45	Alp Pav	1.9400	26000.	101	43335	No
138	GOM_NL__2PRFIN20100614_113541_000000442090_00195_43335_4614.N1	14-JUN-2010 11:35:41	Twi_and_stray	43.500	25	35Lam Sco	1.6200	28000.	87	43335	No
139	GOM_NL__2PRFIN20100614_113704_000000462090_00195_43335_4615.N1	14-JUN-2010 11:37:04	Twi_and_stray	46.000	167	10Gam2Sgr	2.9840	4500.0	92	43335	No
140	GOM_NL__2PRFIN20100614_114220_000000402090_00195_43335_4616.N1	14-JUN-2010 11:42:20	Bright	40.000	86	35Eta Oph	2.4300	10200.	80	43335	No
141	GOM_NL__2PRFIN20100614_114903_000000452090_00195_43335_4617.N1	14-JUN-2010 11:49:03	Bright	45.000	126	60Bet Oph	2.7700	4250.0	90	43335	No
142	GOM_NL__2PRFIN20100614_115135_000000442090_00195_43335_4618.N1	14-JUN-2010 11:51:35	Bright	44.000	59	55Alp Oph	2.0800	8900.0	88	43335	No
143	GOM_NL__2PRFIN20100614_115328_000000372090_00195_43335_4619.N1	14-JUN-2010 11:53:28	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	43335	No
144	GOM_NL__2PRFIN20100614_115633_000000562090_00195_43335_4620.N1	14-JUN-2010 11:56:33	Bright	56.000	133	40Zet Her	2.8070	6000.0	112	43335	No
145	GOM_NL__2PRFIN20100614_120326_000000422090_00195_43335_4621.N1	14-JUN-2010 12:03:26	Bright	42.000	130	23Bet Dra	2.7990	5800.0	84	43335	No
146	GOM_NL__2PRFIN20100614_120454_000000382090_00195_43335_4622.N1	14-JUN-2010 12:04:54	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	43335	No
147	GOM_NL__2PRFIN20100614_121357_000000482090_00195_43335_4623.N1	14-JUN-2010 12:13:57	Bright	48.000	89	5Alp Cep	2.4510	8000.0	96	43335	No
148	GOM_NL__2PRFIN20100614_122015_000000422090_00195_43335_4624.N1	14-JUN-2010 12:20:15	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	43335	No
149	GOM_NL__2PRFIN20100614_122638_000000402090_00195_43335_4625.N1	14-JUN-2010 12:26:38	Bright	40.000	73	57Gam1And	2.2600	13100.	80	43335	No
150	GOM_NL__2PRFIN20100614_122859_000000652090_00195_43335_4626.N1	14-JUN-2010 12:28:59	Twi_and_stray	65.000	53	43Bet And	2.0480	3300.0	130	43335	No
151	GOM_NL__2PRFIN20100614_123225_000000482090_00195_43335_4627.N1	14-JUN-2010 12:32:25	Twilight	47.500	50	13Alp Ari	2.0070	4250.0	95	43335	No
152	GOM_NL__2PRFIN20100614_124750_000000542090_00195_43335_4628.N1	14-JUN-2010 12:47:50	Dark	54.000	52	16Bet Cet	2.0370	4500.0	108	43335	No
153	GOM_NL__2PRFIN20100614_125408_000000522090_00195_43335_4629.N1	14-JUN-2010 12:54:08	Dark	51.500	84	Alp Phe	2.3970	4500.0	103	43335	No
154	GOM_NL__2PRFIN20100614_130017_000000552090_00196_43336_4618.N1	14-JUN-2010 13:00:17	Dark	54.500	63	Bet Gru	2.1500	2800.0	109	43336	No
155	GOM_NL__2PRFIN20100614_130220_000000492090_00196_43336_4619.N1	14-JUN-2010 13:02:20	Dark	49.000	31	Alp Gru	1.7340	15200.	98	43336	No
156	GOM_NL__2PRFIN20100614_130407_000000562090_00196_43336_4620.N1	14-JUN-2010 13:04:07	Straylight	56.000	172	Gam Gru	3.0030	13100.	112	43336	No
157	GOM_NL__2PRFIN20100614_130618_000000422090_00196_43336_4621.N1	14-JUN-2010 13:06:18	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	43336	No
158	GOM_NL__2PRFIN20100614_131617_000000442090_00196_43336_4622.N1	14-JUN-2010 13:16:17	Twi_and_stray	43.500	25	35Lam Sco	1.6200	28000.	87	43336	No
159	GOM_NL__2PRFIN20100614_131740_000000472090_00196_43336_4623.N1	14-JUN-2010 13:17:40	Twi_and_stray	47.000	167	10Gam2Sgr	2.9840	4500.0	94	43336	No
160	GOM_NL__2PRFIN20100614_132256_000000562090_00196_43336_4624.N1	14-JUN-2010 13:22:56	Bright	56.000	86	35Eta Oph	2.4300	10200.	112	43336	No



161	GOM_NL__2PRFIN20100614_132938_000000452090_00196_43336_4625.N1	14-JUN-2010 13:29:38	Bright	45.000	126	60Bet Oph	2.7700	4250.0	90	43336	No
162	GOM_NL__2PRFIN20100614_133211_000000452090_00196_43336_4626.N1	14-JUN-2010 13:32:11	Bright	45.000	59	55Alp Oph	2.0800	8900.0	90	43336	No
163	GOM_NL__2PRFIN20100614_133404_000000412090_00196_43336_4627.N1	14-JUN-2010 13:34:04	Bright	40.500	127	27Bet Her	2.7810	4700.0	81	43336	No
164	GOM_NL__2PRFIN20100614_133709_000000562090_00196_43336_4628.N1	14-JUN-2010 13:37:09	Bright	56.000	133	40Zet Her	2.8070	6000.0	112	43336	No
165	GOM_NL__2PRFIN20100614_134402_000000442090_00196_43336_4629.N1	14-JUN-2010 13:44:02	Bright	43.500	130	23Bet Dra	2.7990	5800.0	87	43336	No
166	GOM_NL__2PRFIN20100614_134529_000000382090_00196_43336_4630.N1	14-JUN-2010 13:45:29	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	43336	No
167	GOM_NL__2PRFIN20100614_135432_000000492090_00196_43336_4631.N1	14-JUN-2010 13:54:32	Bright	48.500	89	5Alp Cep	2.4510	8000.0	97	43336	No
168	GOM_NL__2PRFIN20100614_140051_000000622090_00196_43336_4632.N1	14-JUN-2010 14:00:51	Bright	61.500	74	11Bet Cas	2.2680	6600.0	123	43336	No
169	GOM_NL__2PRFIN20100614_140714_000000402090_00196_43336_4633.N1	14-JUN-2010 14:07:14	Bright	40.000	73	57Gam1And	2.2600	13100.	80	43336	No
170	GOM_NL__2PRFIN20100614_140935_000000652090_00196_43336_4634.N1	14-JUN-2010 14:09:35	Twi_and_stray	64.500	53	43Bet And	2.0480	3300.0	129	43336	No
171	GOM_NL__2PRFIN20100614_141301_000000462090_00196_43336_4635.N1	14-JUN-2010 14:13:01	Twilight	46.000	50	13Alp Ari	2.0070	4250.0	92	43336	No
172	GOM_NL__2PRFIN20100614_142827_000000552090_00196_43336_4636.N1	14-JUN-2010 14:28:27	Dark	55.000	52	16Bet Cet	2.0370	4500.0	110	43336	No
173	GOM_NL__2PRFIN20100614_143445_000000442090_00196_43336_4637.N1	14-JUN-2010 14:34:45	Dark	44.000	84	Alp Phe	2.3970	4500.0	88	43336	No
174	GOM_NL__2PRFIN20100614_144054_000000502090_00197_43337_4626.N1	14-JUN-2010 14:40:54	Dark	49.500	63	Bet Gru	2.1500	2800.0	99	43337	No
175	GOM_NL__2PRFIN20100614_144257_000000482090_00197_43337_4627.N1	14-JUN-2010 14:42:57	Dark	48.000	31	Alp Gru	1.7340	15200.	96	43337	No
176	GOM_NL__2PRFIN20100614_144444_000000562090_00197_43337_4628.N1	14-JUN-2010 14:44:44	Straylight	56.000	172	Gam Gru	3.0030	13100.	112	43337	No
177	GOM_NL__2PRFIN20100614_144655_000000442090_00197_43337_4629.N1	14-JUN-2010 14:46:55	Straylight	44.000	45	Alp Pav	1.9400	26000.	88	43337	No
178	GOM_NL__2PRFIN20100614_145653_000000452090_00197_43337_4630.N1	14-JUN-2010 14:56:53	Twi_and_stray	44.500	25	35Lam Sco	1.6200	28000.	89	43337	No
179	GOM_NL__2PRFIN20100614_145817_000000472090_00197_43337_4631.N1	14-JUN-2010 14:58:17	Twi_and_stray	46.500	167	10Gam2Sgr	2.9840	4500.0	93	43337	No
180	GOM_NL__2PRFIN20100614_150333_000000412090_00197_43337_4632.N1	14-JUN-2010 15:03:33	Bright	40.500	86	35Eta Oph	2.4300	10200.	81	43337	No
181	GOM_NL__2PRFIN20100614_151014_000000452090_00197_43337_4633.N1	14-JUN-2010 15:10:14	Bright	45.000	126	60Bet Oph	2.7700	4250.0	90	43337	No
182	GOM_NL__2PRFIN20100614_151247_000000432090_00197_43337_4634.N1	14-JUN-2010 15:12:47	Bright	43.000	59	55Alp Oph	2.0800	8900.0	86	43337	No
183	GOM_NL__2PRFIN20100614_151440_000000382090_00197_43337_4635.N1	14-JUN-2010 15:14:40	Bright	37.500	127	27Bet Her	2.7810	4700.0	75	43337	No
184	GOM_NL__2PRFIN20100614_151745_000000402090_00197_43337_4636.N1	14-JUN-2010 15:17:45	Bright	40.000	133	40Zet Her	2.8070	6000.0	80	43337	No
185	GOM_NL__2PRFIN20100614_152437_000000442090_00197_43337_4637.N1	14-JUN-2010 15:24:37	Bright	43.500	130	23Bet Dra	2.7990	5800.0	87	43337	No
186	GOM_NL__2PRFIN20100614_152605_000000382090_00197_43337_4638.N1	14-JUN-2010 15:26:05	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	43337	No
187	GOM_NL__2PRFIN20100614_153508_000000482090_00197_43337_4639.N1	14-JUN-2010 15:35:08	Bright	48.000	89	5Alp Cep	2.4510	8000.0	96	43337	No
188	GOM_NL__2PRFIN20100614_154126_000000542090_00197_43337_4640.N1	14-JUN-2010 15:41:26	Bright	53.500	74	11Bet Cas	2.2680	6600.0	107	43337	No
189	GOM_NL__2PRFIN20100614_154750_000000402090_00197_43337_4641.N1	14-JUN-2010 15:47:50	Bright	40.000	73	57Gam1And	2.2600	13100.	80	43337	No
190	GOM_NL__2PRFIN20100614_155011_000000592090_00197_43337_4642.N1	14-JUN-2010 15:50:11	Twi_and_stray	58.500	53	43Bet And	2.0480	3300.0	117	43337	No
191	GOM_NL__2PRFIN20100614_155338_000000492090_00197_43337_4643.N1	14-JUN-2010 15:53:38	Twilight	48.500	50	13Alp Ari	2.0070	4250.0	97	43337	No
192	GOM_NL__2PRFIN20100614_160904_000000572090_00197_43337_4644.N1	14-JUN-2010 16:09:04	Dark	56.500	52	16Bet Cet	2.0370	4500.0	113	43337	No
193	GOM_NL__2PRFIN20100614_161522_000000412090_00197_43337_4645.N1	14-JUN-2010 16:15:22	Dark	41.000	84	Alp Phe	2.3970	4500.0	82	43337	No
194	GOM_NL__2PRFIN20100614_162131_000000492090_00198_43338_4634.N1	14-JUN-2010 16:21:31	Dark	49.000	63	Bet Gru	2.1500	2800.0	98	43338	No
195	GOM_NL__2PRFIN20100614_162334_000000502090_00198_43338_4635.N1	14-JUN-2010 16:23:34	Dark	49.500	31	Alp Gru	1.7340	15200.	99	43338	No
196	GOM_NL__2PRFIN20100614_162522_000000552090_00198_43338_4636.N1	14-JUN-2010 16:25:22	Straylight	55.000	172	Gam Gru	3.0030	13100.	110	43338	No
197	GOM_NL__2PRFIN20100614_162731_000000422090_00198_43338_4637.N1	14-JUN-2010 16:27:31	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	43338	No
198	GOM_NL__2PRFIN20100614_163730_000000462090_00198_43338_4638.N1	14-JUN-2010 16:37:30	Twi_and_stray	45.500	25	35Lam Sco	1.6200	28000.	91	43338	No
199	GOM_NL__2PRFIN20100614_163853_000000472090_00198_43338_4639.N1	14-JUN-2010 16:38:53	Twi_and_stray	47.000	167	10Gam2Sgr	2.9840	4500.0	94	43338	No
200	GOM_NL__2PRFIN20100614_164409_000000412090_00198_43338_4640.N1	14-JUN-2010 16:44:09	Bright	40.500	86	35Eta Oph	2.4300	10200.	81	43338	No
201	GOM_NL__2PRFIN20100614_165050_000000452090_00198_43338_4641.N1	14-JUN-2010 16:50:50	Bright	45.000	126	60Bet Oph	2.7700	4250.0	90	43338	No
202	GOM_NL__2PRFIN20100614_165322_000000432090_00198_43338_4642.N1	14-JUN-2010 16:53:22	Bright	43.000	59	55Alp Oph	2.0800	8900.0	86	43338	No
203	GOM_NL__2PRFIN20100614_165516_000000402090_00198_43338_4643.N1	14-JUN-2010 16:55:16	Bright	39.500	127	27Bet Her	2.7810	4700.0	79	43338	No
204	GOM_NL__2PRFIN20100614_165820_000000392090_00198_43338_4644.N1	14-JUN-2010 16:58:20	Bright	39.000	133	40Zet Her	2.8070	6000.0	78	43338	No
205	GOM_NL__2PRFIN20100614_170513_000000422090_00198_43338_4645.N1	14-JUN-2010 17:05:13	Bright	42.000	130	23Bet Dra	2.7990	5800.0	84	43338	No
206	GOM_NL__2PRFIN20100614_170641_000000382090_00198_43338_4646.N1	14-JUN-2010 17:06:41	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	43338	No
207	GOM_NL__2PRFIN20100614_171543_000000482090_00198_43338_4647.N1	14-JUN-2010 17:15:43	Bright	48.000	89	5Alp Cep	2.4510	8000.0	96	43338	No
208	GOM_NL__2PRFIN20100614_172202_000000462090_00198_43338_4648.N1	14-JUN-2010 17:22:02	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	43338	No
209	GOM_NL__2PRFIN20100614_172826_000000402090_00198_43338_4649.N1	14-JUN-2010 17:28:26	Bright	40.000	73	57Gam1And	2.2600	13100.	80	43338	No
210	GOM_NL__2PRFIN20100614_173047_000000552090_00198_43338_4650.N1	14-JUN-2010 17:30:47	Twi_and_stray	54.500	53	43Bet And	2.0480	3300.0	109	43338	No
211	GOM_NL__2PRFIN20100614_173413_000000482090_00198_43338_4651.N1	14-JUN-2010 17:34:13	Twilight	48.000	50	13Alp Ari	2.0070	4250.0	96	43338	No
212	GOM_NL__2PRFIN20100614_174941_000000562090_00198_43338_4652.N1	14-JUN-2010 17:49:41	Dark	55.500	52	16Bet Cet	2.0370	4500.0	111	43338	No
213	GOM_NL__2PRFIN20100614_175558_000000422090_00198_43338_4653.N1	14-JUN-2010 17:55:58	Dark	42.000	84	Alp Phe	2.3970	4500.0	84	43338	No
214	GOM_NL__2PRFIN20100614_180208_000000532090_00199_43339_4642.N1	14-JUN-2010 18:02:08	Dark	53.000	63	Bet Gru	2.1500	2800.0	106	43339	No
215	GOM_NL__2PRFIN20100614_180411_000000502090_00199_43339_4643.N1	14-JUN-2010 18:04:11	Dark	50.000	31	Alp Gru	1.7340	15200.	100	43339	No
216	GOM_NL__2PRFIN20100614_180559_000000552090_00199_43339_4644.N1	14-JUN-2010 18:05:59	Straylight	55.000	172	Gam Gru	3.0030	13100.	110	43339	No
217	GOM_NL__2PRFIN20100614_180808_000000432090_00199_43339_4645.N1	14-JUN-2010 18:08:08	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	43339	No
218	GOM_NL__2PRFIN20100614_181806_000000432090_00199_43339_4646.N1	14-JUN-2010 18:18:06	Twi_and_stray	42.500	25	35Lam Sco	1.6200	28000.	85	43339	No
219	GOM_NL__2PRFIN20100614_181929_000000472090_00199_43339_4647.N1	14-JUN-2010 18:19:29	Twi_and_stray	46.500	167	10Gam2Sgr	2.9840	4500.0	93	43339	No

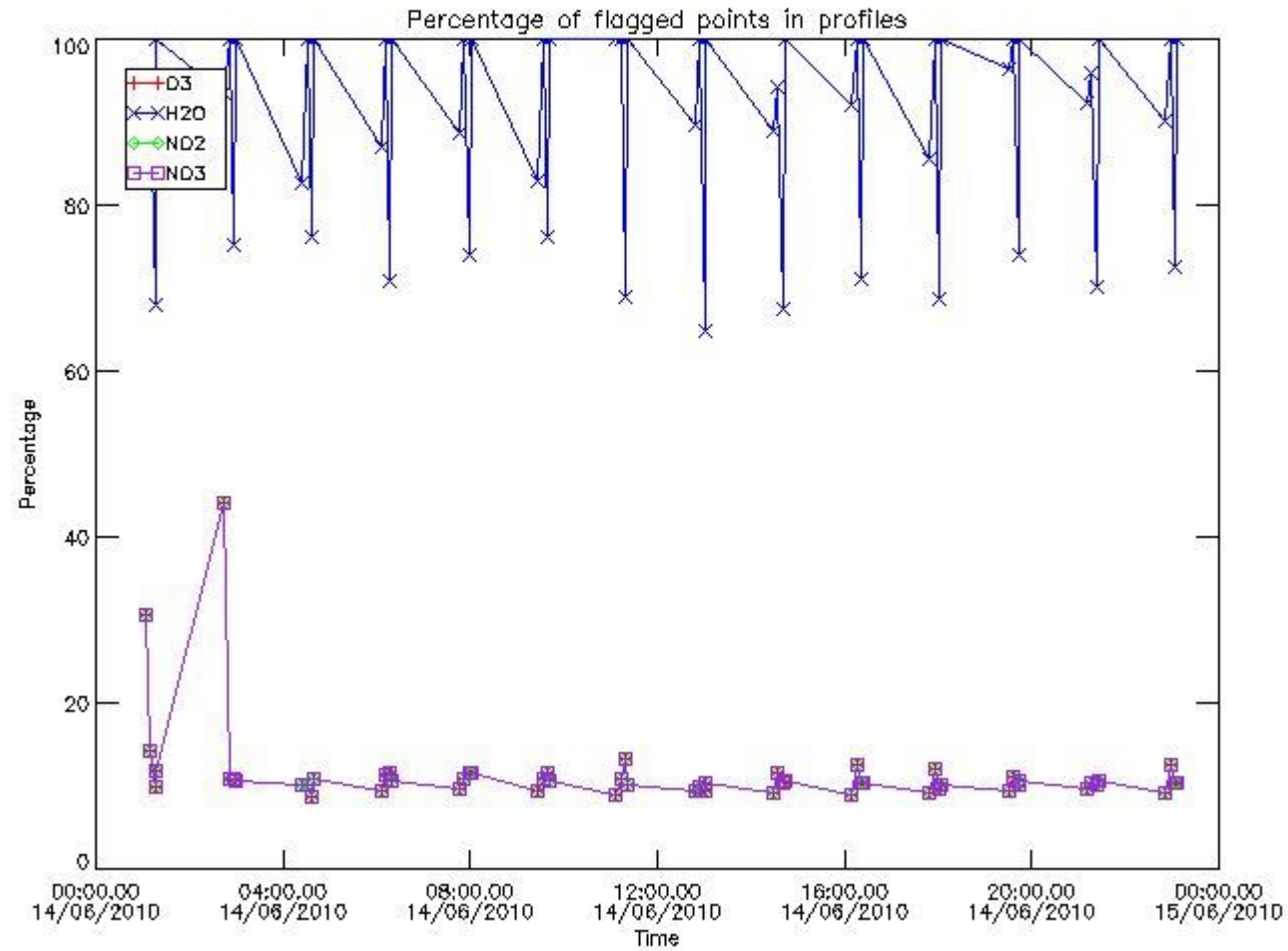
220	GOM_NL__2PRFIN20100614_182445_000000412090_00199_43339_4648.N1	14-JUN-2010 18:24:45	Bright	41.000	86	35Eta Oph	2.4300	10200.	82	43339	No
221	GOM_NL__2PRFIN20100614_183125_000000452090_00199_43339_4649.N1	14-JUN-2010 18:31:25	Bright	45.000	126	60Bet Oph	2.7700	4250.0	90	43339	No
222	GOM_NL__2PRFIN20100614_183358_000000472090_00199_43339_4650.N1	14-JUN-2010 18:33:58	Bright	46.500	59	55Alp Oph	2.0800	8900.0	93	43339	No
223	GOM_NL__2PRFIN20100614_183552_000000382090_00199_43339_4651.N1	14-JUN-2010 18:35:52	Bright	37.500	127	27Bet Her	2.7810	4700.0	75	43339	No
224	GOM_NL__2PRFIN20100614_183856_000000402090_00199_43339_4652.N1	14-JUN-2010 18:38:56	Bright	40.000	133	40Zet Her	2.8070	6000.0	80	43339	No
225	GOM_NL__2PRFIN20100614_184549_000000432090_00199_43339_4653.N1	14-JUN-2010 18:45:49	Bright	43.000	130	23Bet Dra	2.7990	5800.0	86	43339	No
226	GOM_NL__2PRFIN20100614_184717_000000382090_00199_43339_4654.N1	14-JUN-2010 18:47:17	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	43339	No
227	GOM_NL__2PRFIN20100614_185618_000000502090_00199_43339_4655.N1	14-JUN-2010 18:56:18	Bright	49.500	89	5Alp Cep	2.4510	8000.0	99	43339	No
228	GOM_NL__2PRFIN20100614_190238_000000642090_00199_43339_4656.N1	14-JUN-2010 19:02:38	Bright	64.000	74	11Bet Cas	2.2680	6600.0	128	43339	No
229	GOM_NL__2PRFIN20100614_190902_000000412090_00199_43339_4657.N1	14-JUN-2010 19:09:02	Bright	41.000	73	57Gam1And	2.2600	13100.	82	43339	No
230	GOM_NL__2PRFIN20100614_191123_000000542090_00199_43339_4658.N1	14-JUN-2010 19:11:23	Twilight	53.500	53	43Bet And	2.0480	3300.0	107	43339	No
231	GOM_NL__2PRFIN20100614_191449_000000492090_00199_43339_4659.N1	14-JUN-2010 19:14:49	Twilight	48.500	50	13Alp Ari	2.0070	4250.0	97	43339	No
232	GOM_NL__2PRFIN20100614_193018_000000552090_00199_43339_4660.N1	14-JUN-2010 19:30:18	Dark	54.500	52	16Bet Cet	2.0370	4500.0	109	43339	No
233	GOM_NL__2PRFIN20100614_193635_000000462090_00199_43339_4661.N1	14-JUN-2010 19:36:35	Dark	45.500	84	Alp Phe	2.3970	4500.0	91	43339	No
234	GOM_NL__2PRFIN20100614_194245_000000512090_00200_43340_4663.N1	14-JUN-2010 19:42:45	Dark	50.500	63	Bet Gru	2.1500	2800.0	101	43340	No
235	GOM_NL__2PRFIN20100614_194448_000000482090_00200_43340_4664.N1	14-JUN-2010 19:44:48	Dark	48.000	31	Alp Gru	1.7340	15200.	96	43340	No
236	GOM_NL__2PRFIN20100614_194637_000000542090_00200_43340_4665.N1	14-JUN-2010 19:46:37	Straylight	54.000	172	Gam Gru	3.0030	13100.	108	43340	No
237	GOM_NL__2PRFIN20100614_194844_000000422090_00200_43340_4666.N1	14-JUN-2010 19:48:44	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	43340	No
238	GOM_NL__2PRFIN20100614_195842_000000432090_00200_43340_4667.N1	14-JUN-2010 19:58:42	Twilight	43.000	25	35Lam Sco	1.6200	28000.	86	43340	No
239	GOM_NL__2PRFIN20100614_200005_000000472090_00200_43340_4668.N1	14-JUN-2010 20:00:05	Twilight	47.000	167	10Gam2Sgr	2.9840	4500.0	94	43340	No
240	GOM_NL__2PRFIN20100614_200521_000000412090_00200_43340_4669.N1	14-JUN-2010 20:05:21	Bright	41.000	86	35Eta Oph	2.4300	10200.	82	43340	No
241	GOM_NL__2PRFIN20100614_201201_000000452090_00200_43340_4670.N1	14-JUN-2010 20:12:01	Bright	45.000	126	60Bet Oph	2.7700	4250.0	90	43340	No
242	GOM_NL__2PRFIN20100614_201434_000000432090_00200_43340_4671.N1	14-JUN-2010 20:14:34	Bright	43.000	59	55Alp Oph	2.0800	8900.0	86	43340	No
243	GOM_NL__2PRFIN20100614_201628_000000402090_00200_43340_4672.N1	14-JUN-2010 20:16:28	Bright	40.000	127	27Bet Her	2.7810	4700.0	80	43340	No
244	GOM_NL__2PRFIN20100614_201932_000000382090_00200_43340_4673.N1	14-JUN-2010 20:19:32	Bright	38.000	133	40Zet Her	2.8070	6000.0	76	43340	No
245	GOM_NL__2PRFIN20100614_202624_000000422090_00200_43340_4674.N1	14-JUN-2010 20:26:24	Bright	42.000	130	23Bet Dra	2.7990	5800.0	84	43340	No
246	GOM_NL__2PRFIN20100614_202753_000000382090_00200_43340_4675.N1	14-JUN-2010 20:27:53	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	43340	No
247	GOM_NL__2PRFIN20100614_203653_000000472090_00200_43340_4676.N1	14-JUN-2010 20:36:53	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	43340	No
248	GOM_NL__2PRFIN20100614_204313_000000452090_00200_43340_4677.N1	14-JUN-2010 20:43:13	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	43340	No
249	GOM_NL__2PRFIN20100614_204938_000000412090_00200_43340_4678.N1	14-JUN-2010 20:49:38	Bright	40.500	73	57Gam1And	2.2600	13100.	81	43340	No
250	GOM_NL__2PRFIN20100614_205159_000000562090_00200_43340_4679.N1	14-JUN-2010 20:51:59	Twilight	55.500	53	43Bet And	2.0480	3300.0	111	43340	No
251	GOM_NL__2PRFIN20100614_205526_000000482090_00200_43340_4680.N1	14-JUN-2010 20:55:26	Twilight	47.500	50	13Alp Ari	2.0070	4250.0	95	43340	No
252	GOM_NL__2PRFIN20100614_211055_000000532090_00200_43340_4681.N1	14-JUN-2010 21:10:55	Dark	52.500	52	16Bet Cet	2.0370	4500.0	105	43340	No
253	GOM_NL__2PRFIN20100614_211712_000000492090_00200_43340_4682.N1	14-JUN-2010 21:17:12	Dark	49.000	84	Alp Phe	2.3970	4500.0	98	43340	No
254	GOM_NL__2PRFIN20100614_212321_000000512090_00201_43341_4687.N1	14-JUN-2010 21:23:21	Dark	50.500	63	Bet Gru	2.1500	2800.0	101	43341	No
255	GOM_NL__2PRFIN20100614_212525_000000492090_00201_43341_4688.N1	14-JUN-2010 21:25:25	Dark	48.500	31	Alp Gru	1.7340	15200.	97	43341	No
256	GOM_NL__2PRFIN20100614_212713_000000542090_00201_43341_4689.N1	14-JUN-2010 21:27:13	Straylight	54.000	172	Gam Gru	3.0030	13100.	108	43341	No
257	GOM_NL__2PRFIN20100614_212921_000000432090_00201_43341_4690.N1	14-JUN-2010 21:29:21	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	43341	No
258	GOM_NL__2PRFIN20100614_213919_000000432090_00201_43341_4691.N1	14-JUN-2010 21:39:19	Twilight	42.500	25	35Lam Sco	1.6200	28000.	85	43341	No
259	GOM_NL__2PRFIN20100614_214041_000000502090_00201_43341_4692.N1	14-JUN-2010 21:40:41	Twilight	49.500	167	10Gam2Sgr	2.9840	4500.0	99	43341	No
260	GOM_NL__2PRFIN20100614_214557_000000402090_00201_43341_4693.N1	14-JUN-2010 21:45:57	Bright	40.000	86	35Eta Oph	2.4300	10200.	80	43341	No
261	GOM_NL__2PRFIN20100614_215237_000000462090_00201_43341_4694.N1	14-JUN-2010 21:52:37	Bright	46.000	126	60Bet Oph	2.7700	4250.0	92	43341	No
262	GOM_NL__2PRFIN20100614_215509_000000442090_00201_43341_4695.N1	14-JUN-2010 21:55:09	Bright	44.000	59	55Alp Oph	2.0800	8900.0	88	43341	No
263	GOM_NL__2PRFIN20100614_215704_000000372090_00201_43341_4696.N1	14-JUN-2010 21:57:04	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	43341	No
264	GOM_NL__2PRFIN20100614_220007_000000392090_00201_43341_4697.N1	14-JUN-2010 22:00:07	Bright	38.500	133	40Zet Her	2.8070	6000.0	77	43341	No
265	GOM_NL__2PRFIN20100614_220700_000000412090_00201_43341_4698.N1	14-JUN-2010 22:07:00	Bright	41.000	130	23Bet Dra	2.7990	5800.0	82	43341	No
266	GOM_NL__2PRFIN20100614_220829_000000542090_00201_43341_4699.N1	14-JUN-2010 22:08:29	Bright	54.000	119	14Eta Dra	2.7270	4700.0	108	43341	No
267	GOM_NL__2PRFIN20100614_221729_000000472090_00201_43341_4700.N1	14-JUN-2010 22:17:29	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	43341	No
268	GOM_NL__2PRFIN20100614_222349_000000642090_00201_43341_4701.N1	14-JUN-2010 22:23:49	Bright	64.000	74	11Bet Cas	2.2680	6600.0	128	43341	No
269	GOM_NL__2PRFIN20100614_223014_000000412090_00201_43341_4702.N1	14-JUN-2010 22:30:14	Bright	40.500	73	57Gam1And	2.2600	13100.	81	43341	No
270	GOM_NL__2PRFIN20100614_223235_000000552090_00201_43341_4703.N1	14-JUN-2010 22:32:35	Twilight	55.000	53	43Bet And	2.0480	3300.0	110	43341	No
271	GOM_NL__2PRFIN20100614_223602_000000472090_00201_43341_4704.N1	14-JUN-2010 22:36:02	Twilight	47.000	50	13Alp Ari	2.0070	4250.0	94	43341	No
272	GOM_NL__2PRFIN20100614_225131_000000612090_00201_43341_4705.N1	14-JUN-2010 22:51:31	Dark	60.500	52	16Bet Cet	2.0370	4500.0	121	43341	No
273	GOM_NL__2PRFIN20100614_225748_000000452090_00201_43341_4706.N1	14-JUN-2010 22:57:48	Dark	45.000	84	Alp Phe	2.3970	4500.0	90	43341	No
274	GOM_NL__2PRFIN20100614_230358_000000502090_00202_43342_4703.N1	14-JUN-2010 23:03:58	Dark	49.500	63	Bet Gru	2.1500	2800.0	99	43342	No
275	GOM_NL__2PRFIN20100614_230601_000000502090_00202_43342_4704.N1	14-JUN-2010 23:06:01	Dark	49.500	31	Alp Gru	1.7340	15200.	99	43342	No
276	GOM_NL__2PRFIN20100614_230751_000000532090_00202_43342_4705.N1	14-JUN-2010 23:07:51	Straylight	53.000	172	Gam Gru	3.0030	13100.	106	43342	No
277	GOM_NL__2PRFIN20100614_230957_000000442090_00202_43342_4706.N1	14-JUN-2010 23:09:57	Straylight	43.500	45	Alp Pav	1.9400	26000.	87	43342	No
278	GOM_NL__2PRFIN20100614_231954_000000502090_00202_43342_4707.N1	14-JUN-2010 23:19:54	Twilight	49.500	25	35Lam Sco	1.6200	28000.	99	43342	No

279	GOM_NL__2PRFIN20100614_232117_000000472090_00202_43342_4708.N1	14-JUN-2010 23:21:17	Twi_and_stray	46.500	167	10Gam2Sgr	2.9840	4500.0	93	43342	No
280	GOM_NL__2PRFIN20100614_232633_000000412090_00202_43342_4709.N1	14-JUN-2010 23:26:33	Bright	40.500	86	35Eta Oph	2.4300	10200.	81	43342	No
281	GOM_NL__2PRFIN20100614_233312_000000442090_00202_43342_4710.N1	14-JUN-2010 23:33:12	Bright	43.500	126	60Bet Oph	2.7700	4250.0	87	43342	No
282	GOM_NL__2PRFIN20100614_233544_000000472090_00202_43342_4711.N1	14-JUN-2010 23:35:44	Bright	47.000	59	55Alp Oph	2.0800	8900.0	94	43342	No
283	GOM_NL__2PRFIN20100614_233739_000000382090_00202_43342_4712.N1	14-JUN-2010 23:37:39	Bright	37.500	127	27Bet Her	2.7810	4700.0	75	43342	No
284	GOM_NL__2PRFIN20100614_234043_000000402090_00202_43342_4713.N1	14-JUN-2010 23:40:43	Bright	39.500	133	40Zet Her	2.8070	6000.0	79	43342	No
285	GOM_NL__2PRFIN20100614_234735_000000382090_00202_43342_4714.N1	14-JUN-2010 23:47:35	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	43342	No
286	GOM_NL__2PRFIN20100614_234904_000000402090_00202_43342_4715.N1	14-JUN-2010 23:49:04	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	43342	No
287	GOM_NL__2PRFIN20100614_235804_000000492090_00202_43342_4716.N1	14-JUN-2010 23:58:04	Bright	48.500	89	5Alp Cep	2.4510	8000.0	97	43342	No

### 3. Quality information per product

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

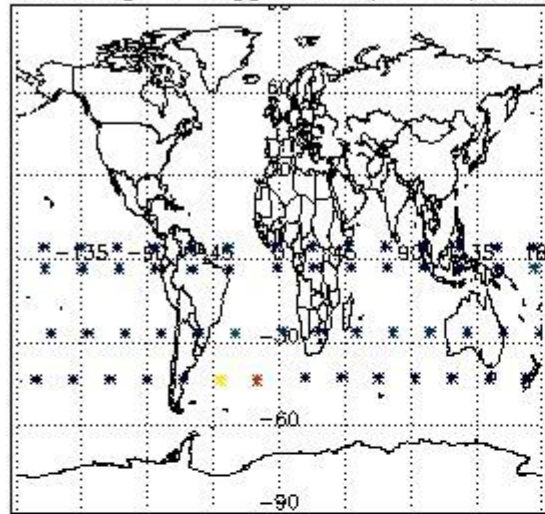
#### 3.1 Plot quality information per product (time dependant)



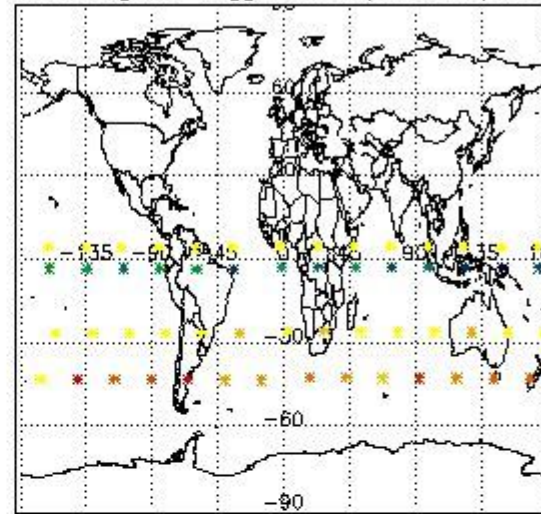
#### 3.2 Plot quality information per product (world map)



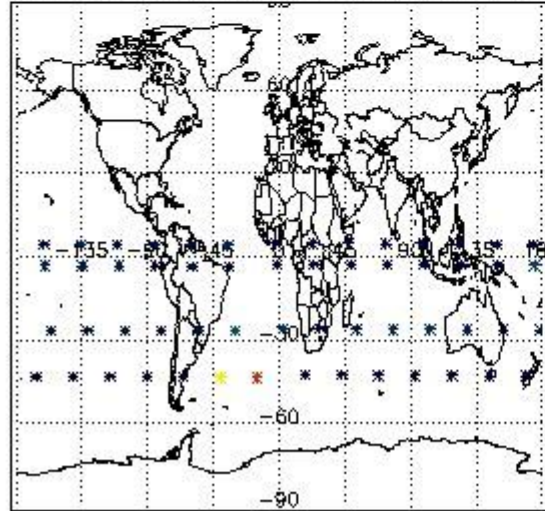
Percentage of flagged data per O3 profile



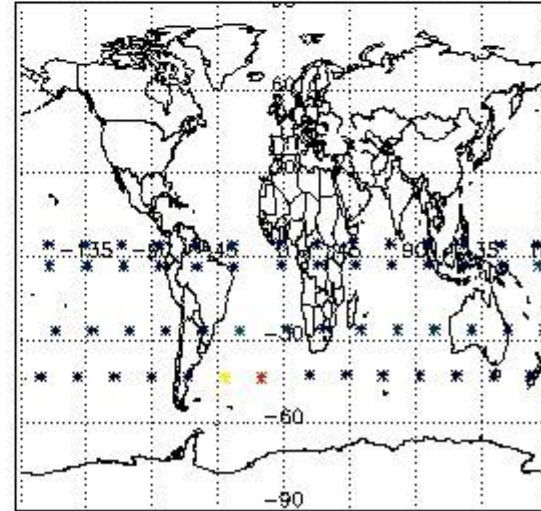
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

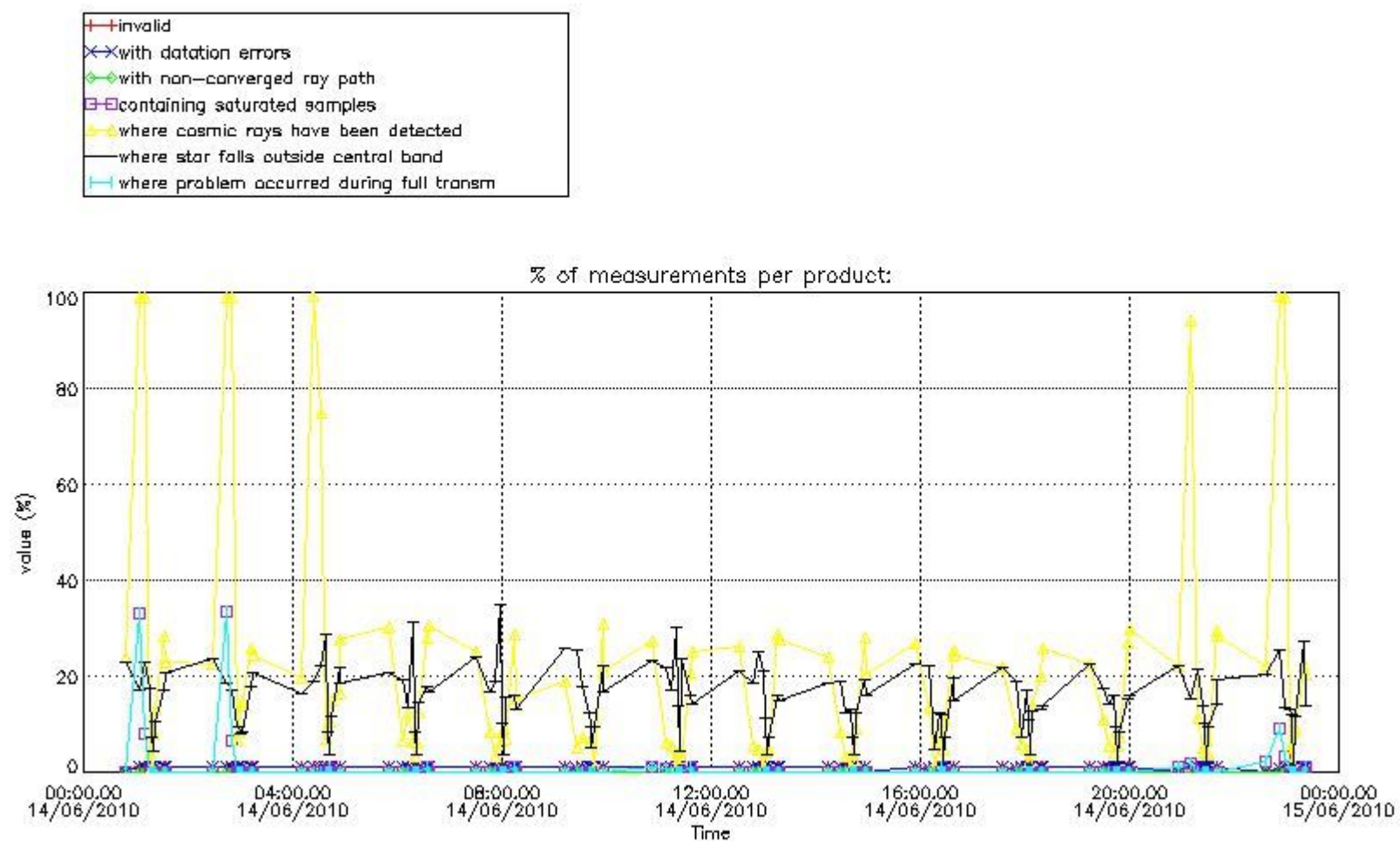


#### 4. Level 1 quality information per product

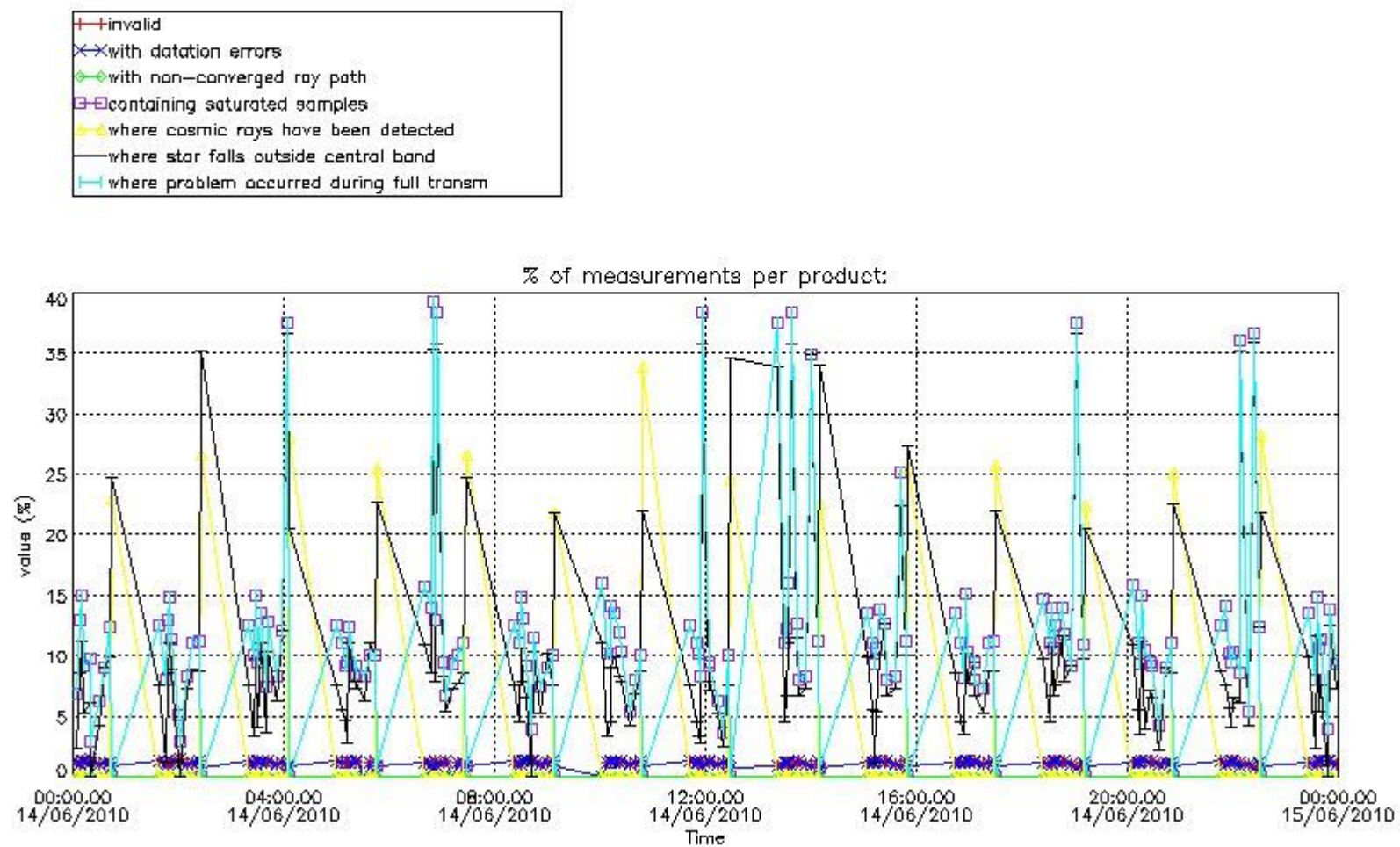
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



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

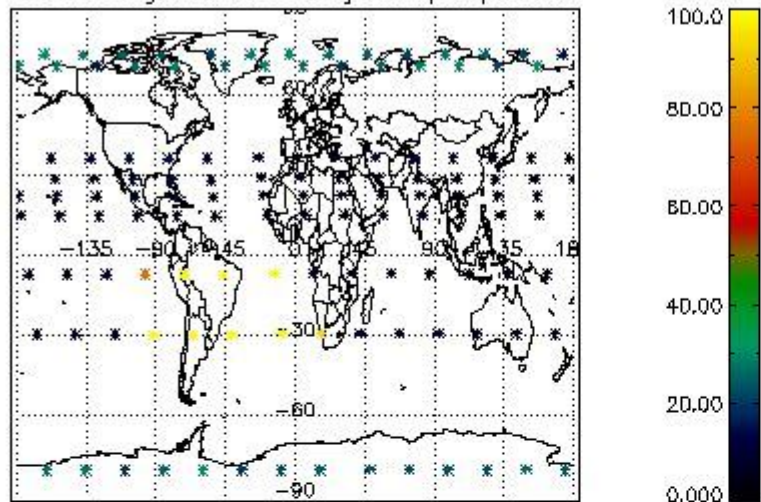


4.2 Plot quality information per product coming from level 1b processing (world map)

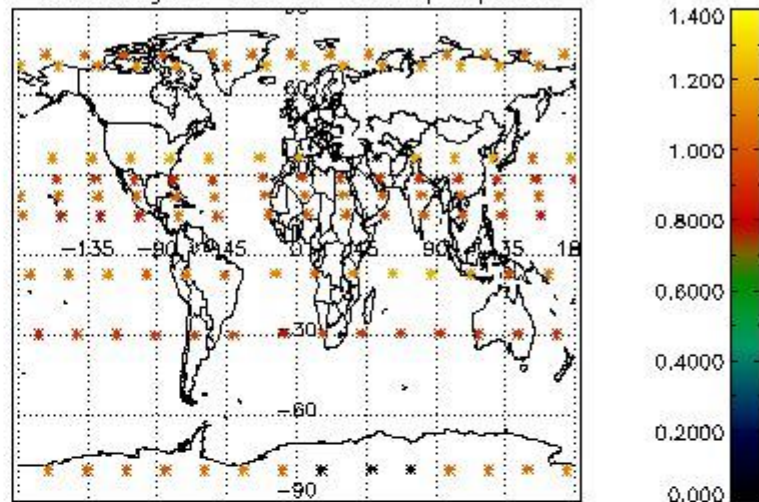
4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes



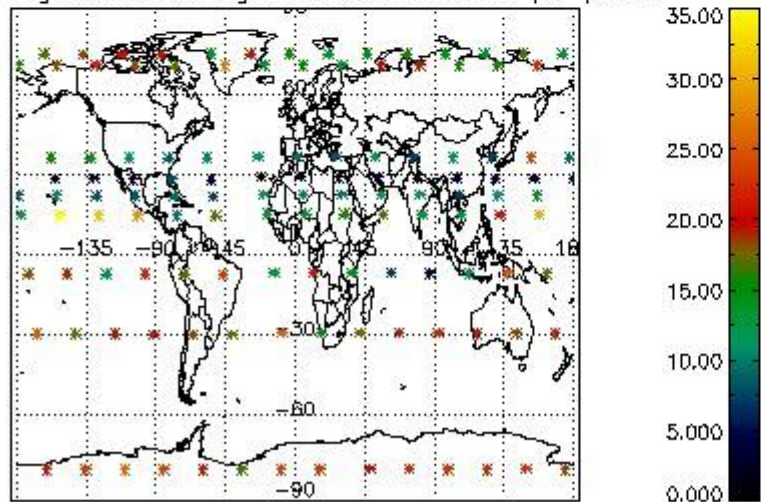
Percentage of cosmic ray hits per profile



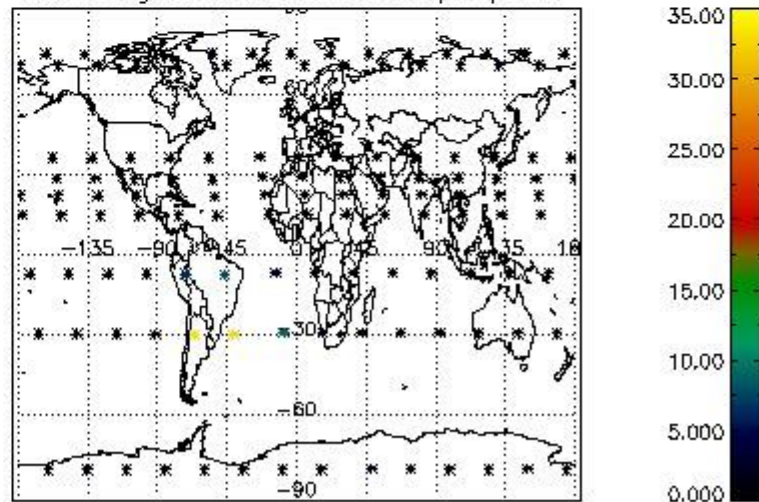
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

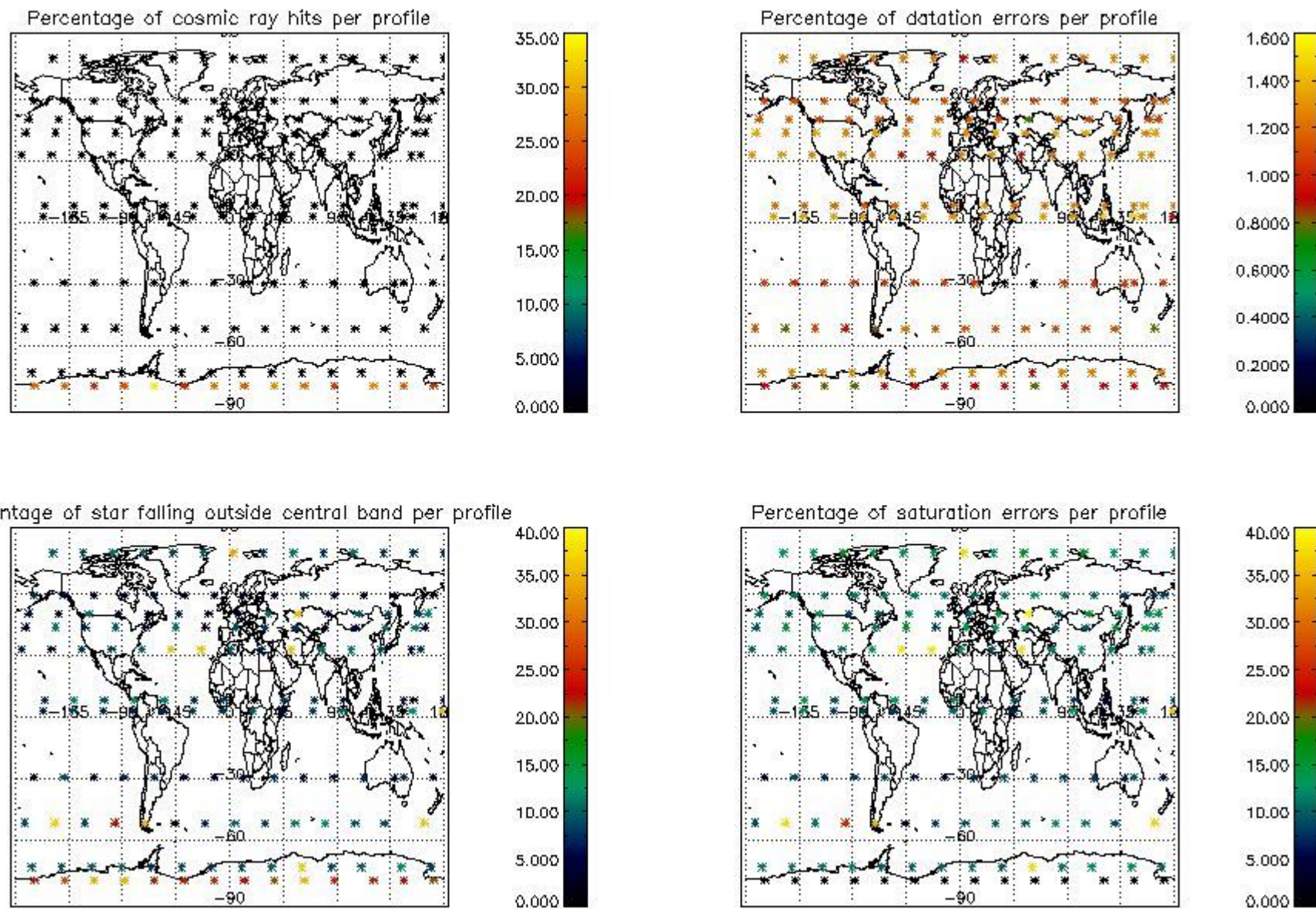


Percentage of saturation errors per profile



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





## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/o3\_std of the level 2 products. The table below shows the statistics for given STD ranges.

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

- Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
- Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

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

- Products in dark limb illumination condition: GOM\_NL\_\_2P/NL\_SUMMARY\_QUALITY/obs\_ill\_cond=0
- Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
- Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

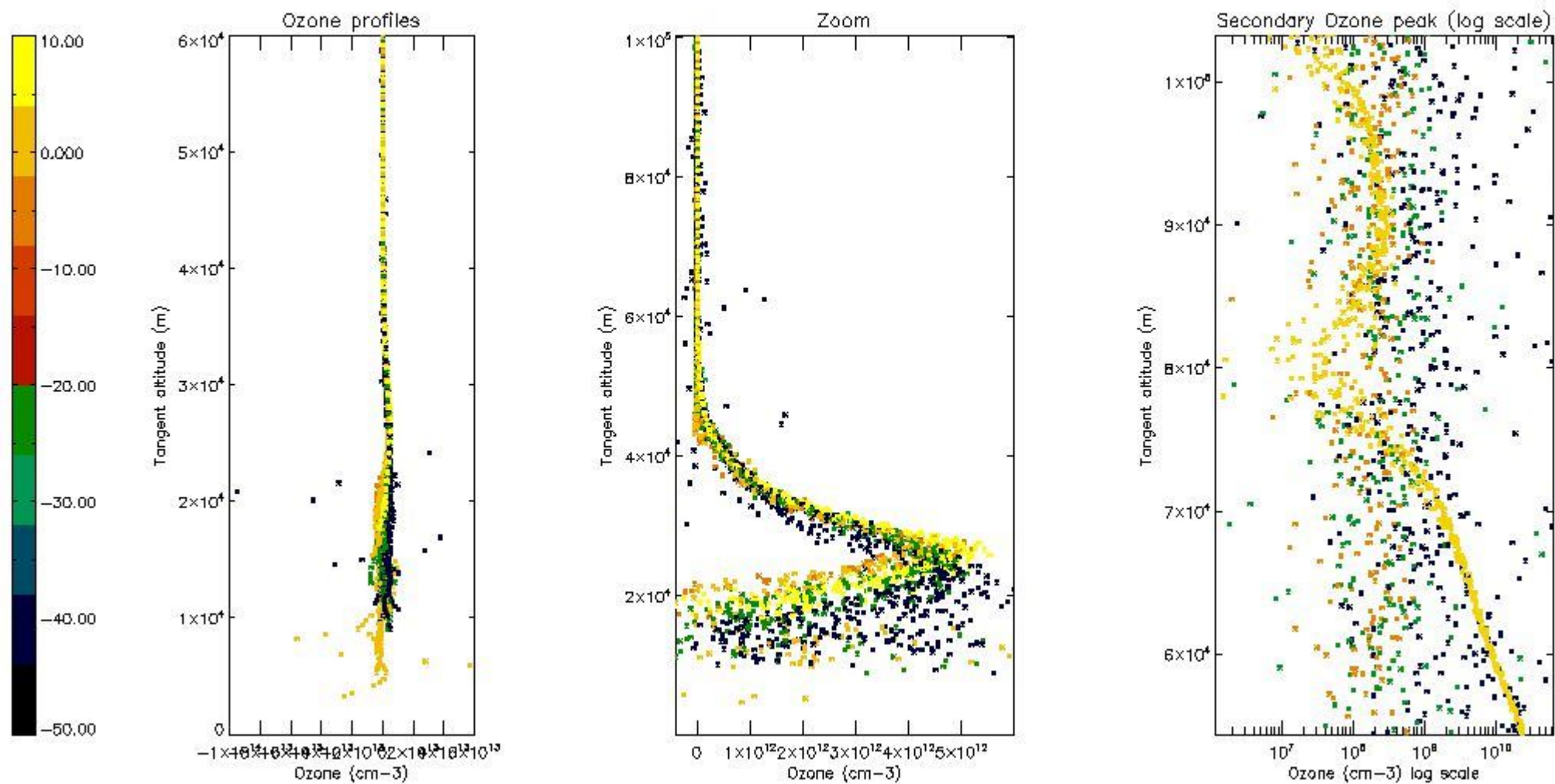
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	22
STD < 20	8

STD < 10	5
STD < 5	3

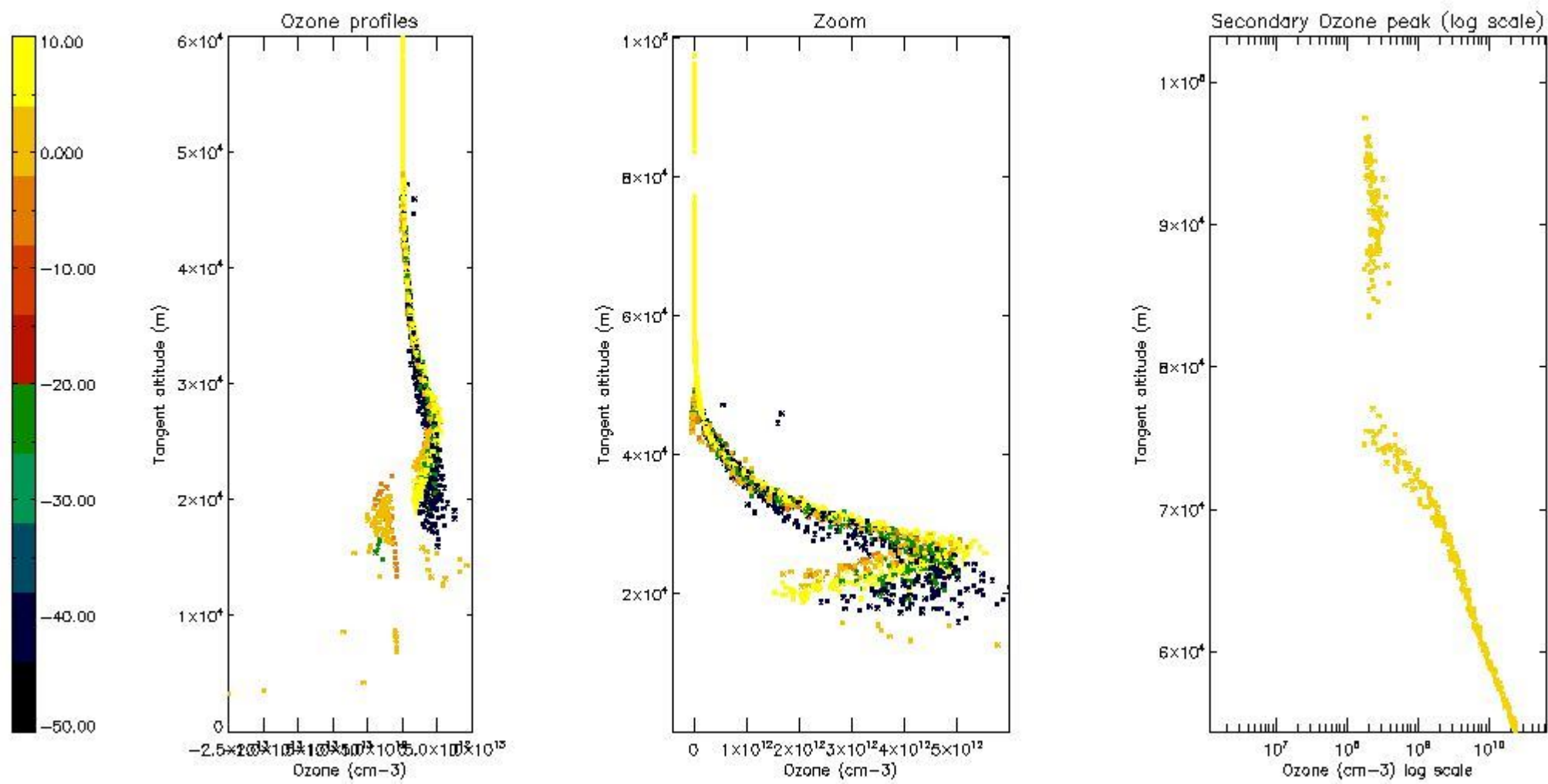
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

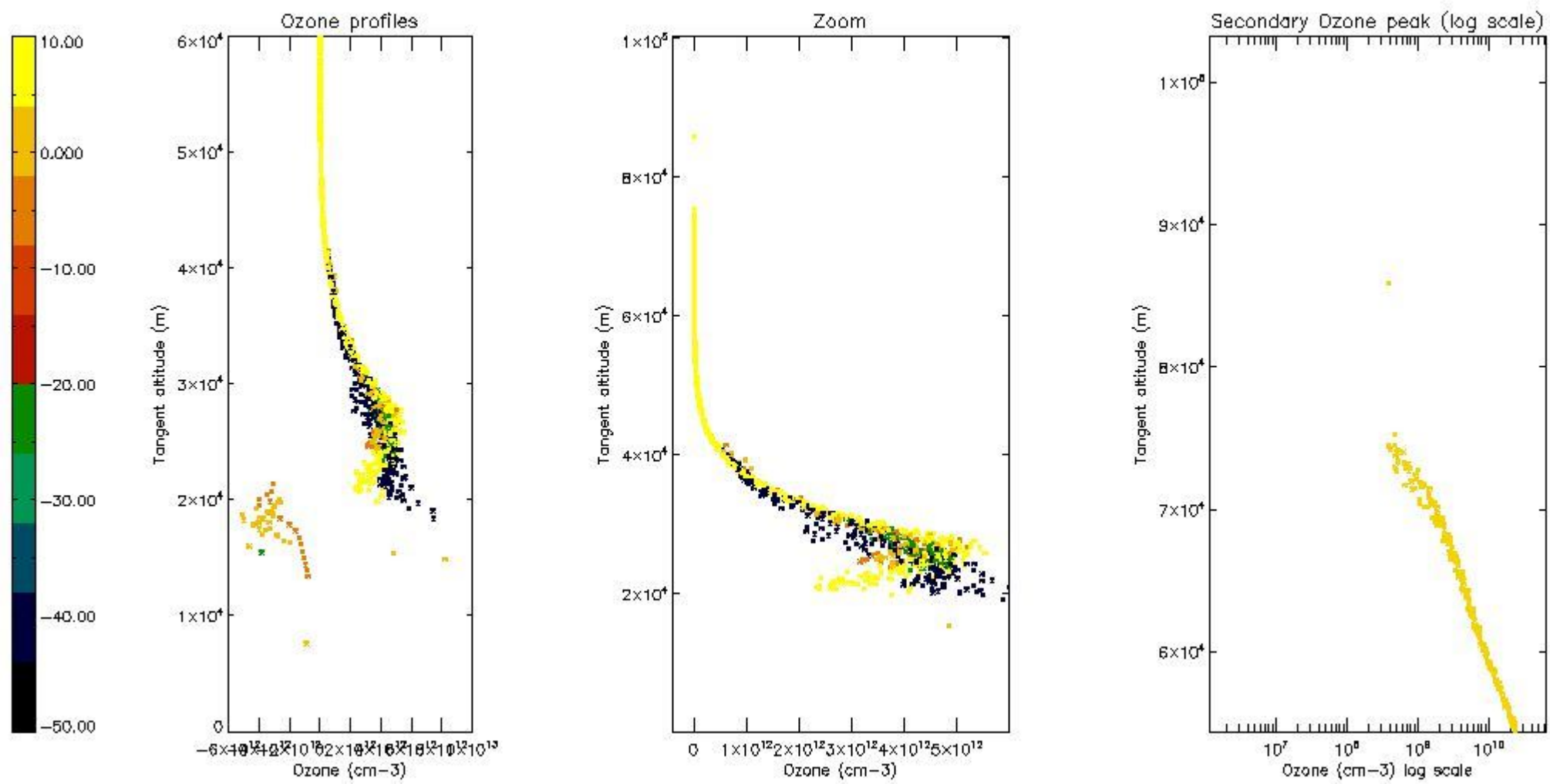
The colorbar represents the latitude.



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

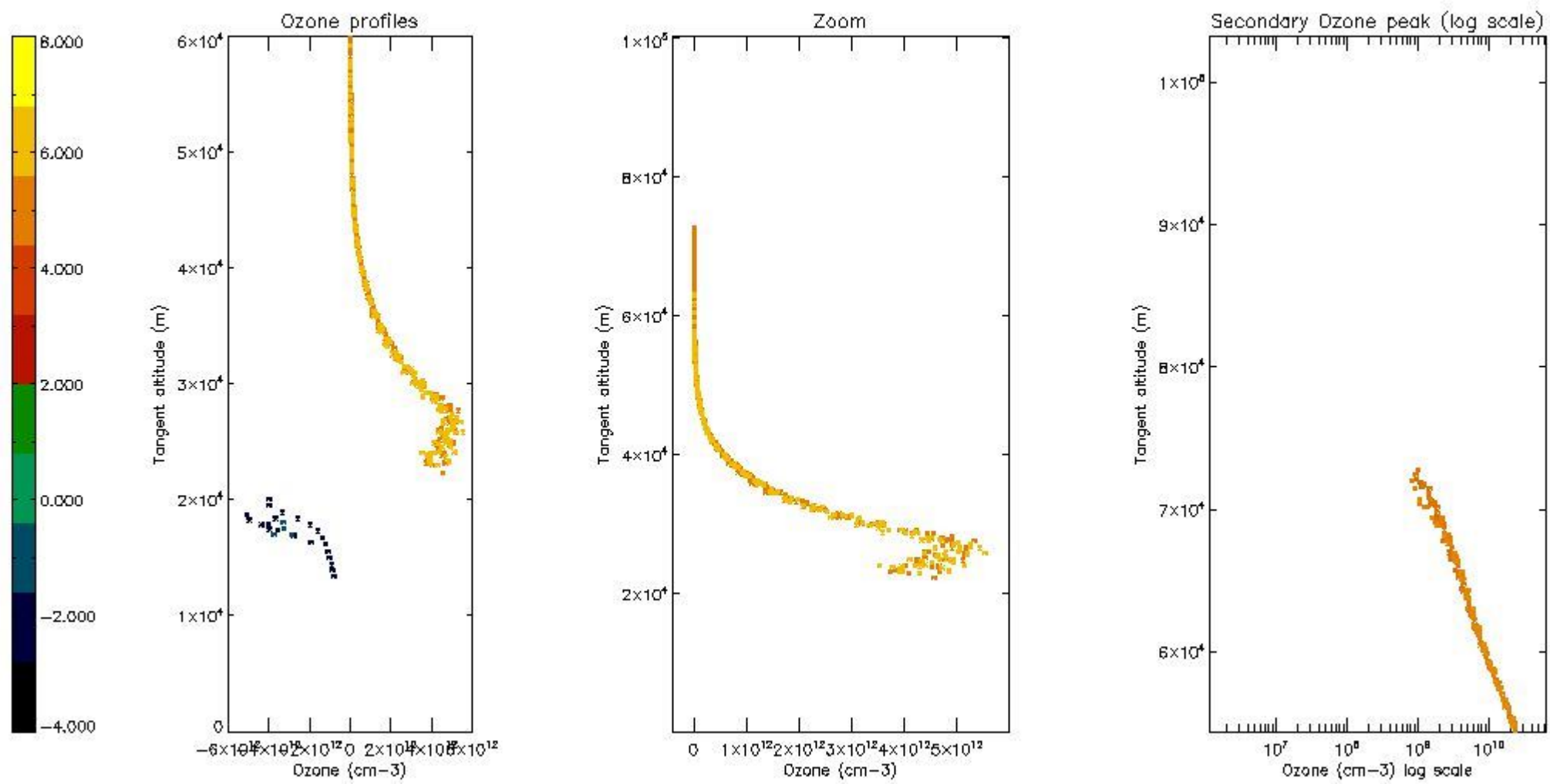
The colorbar represents the latitude.





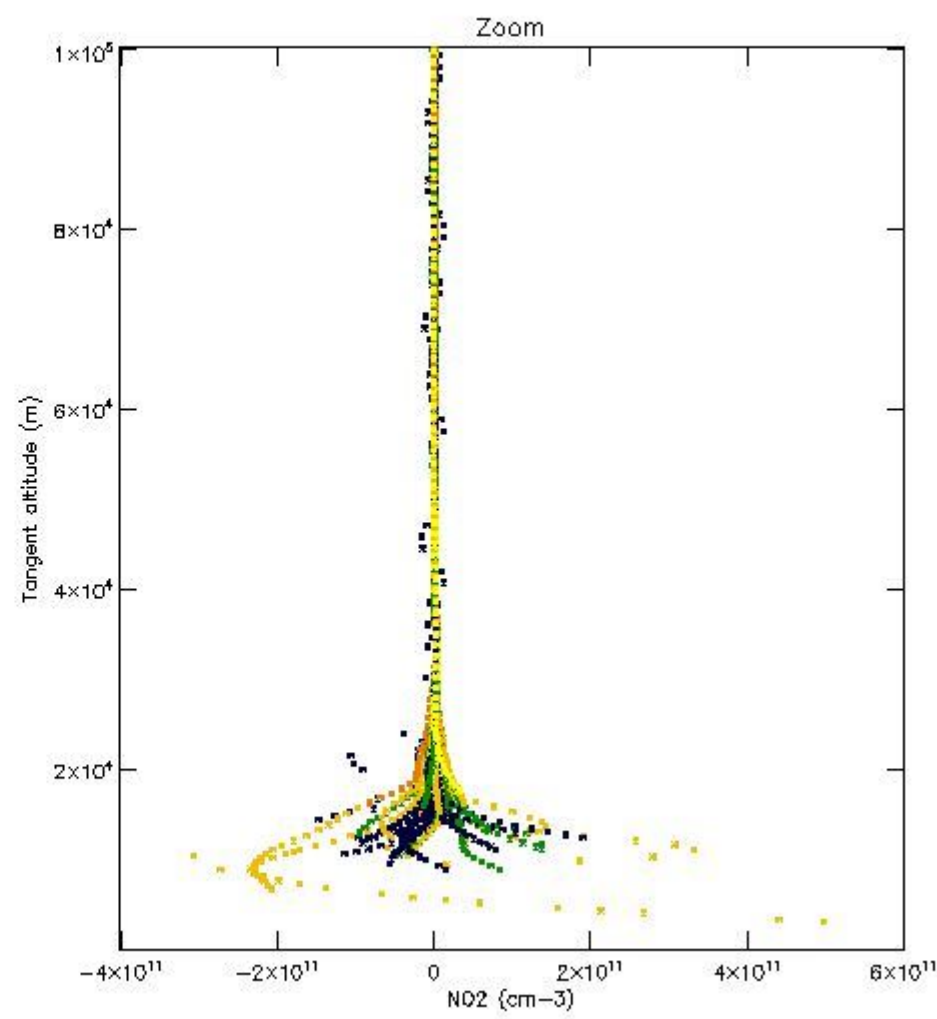
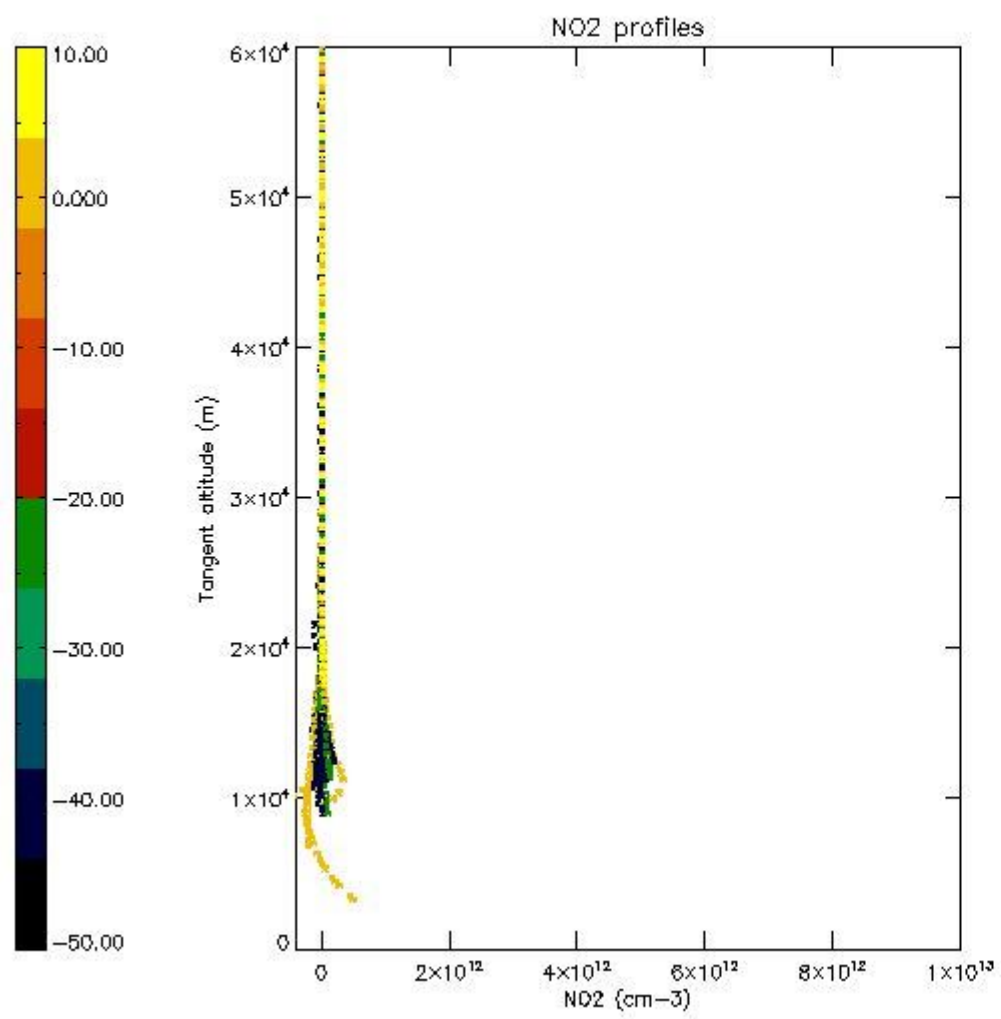
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



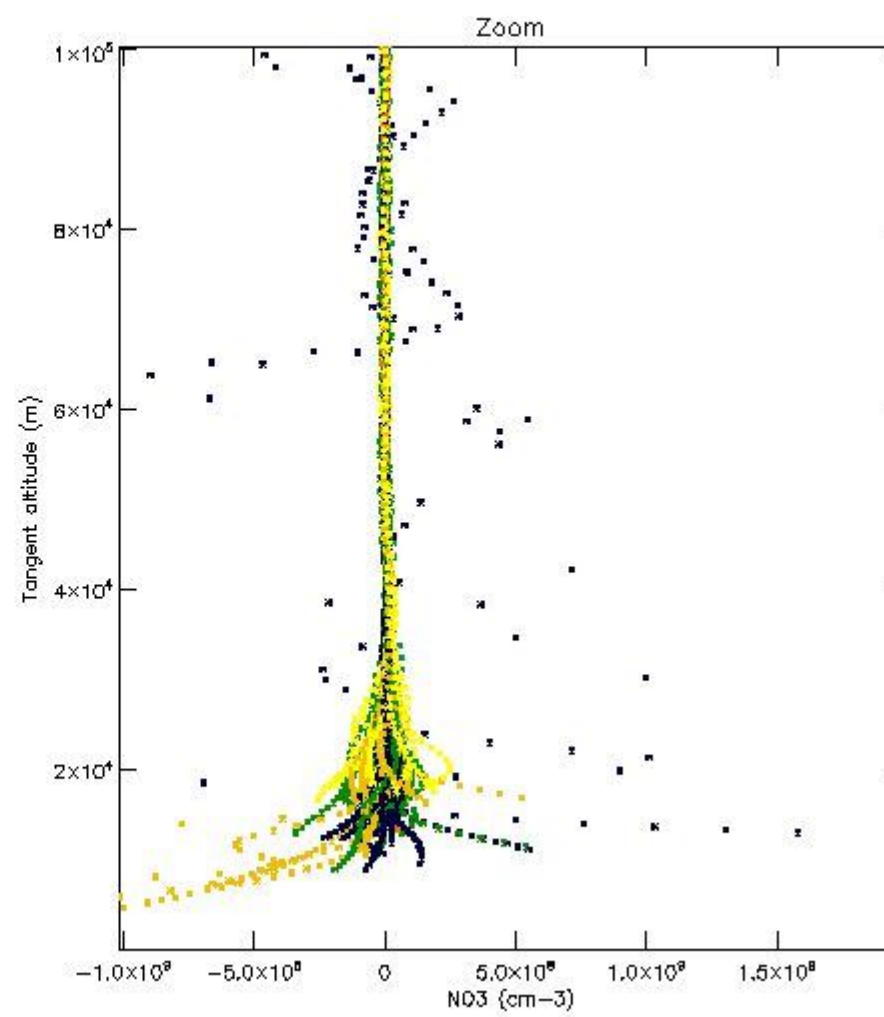
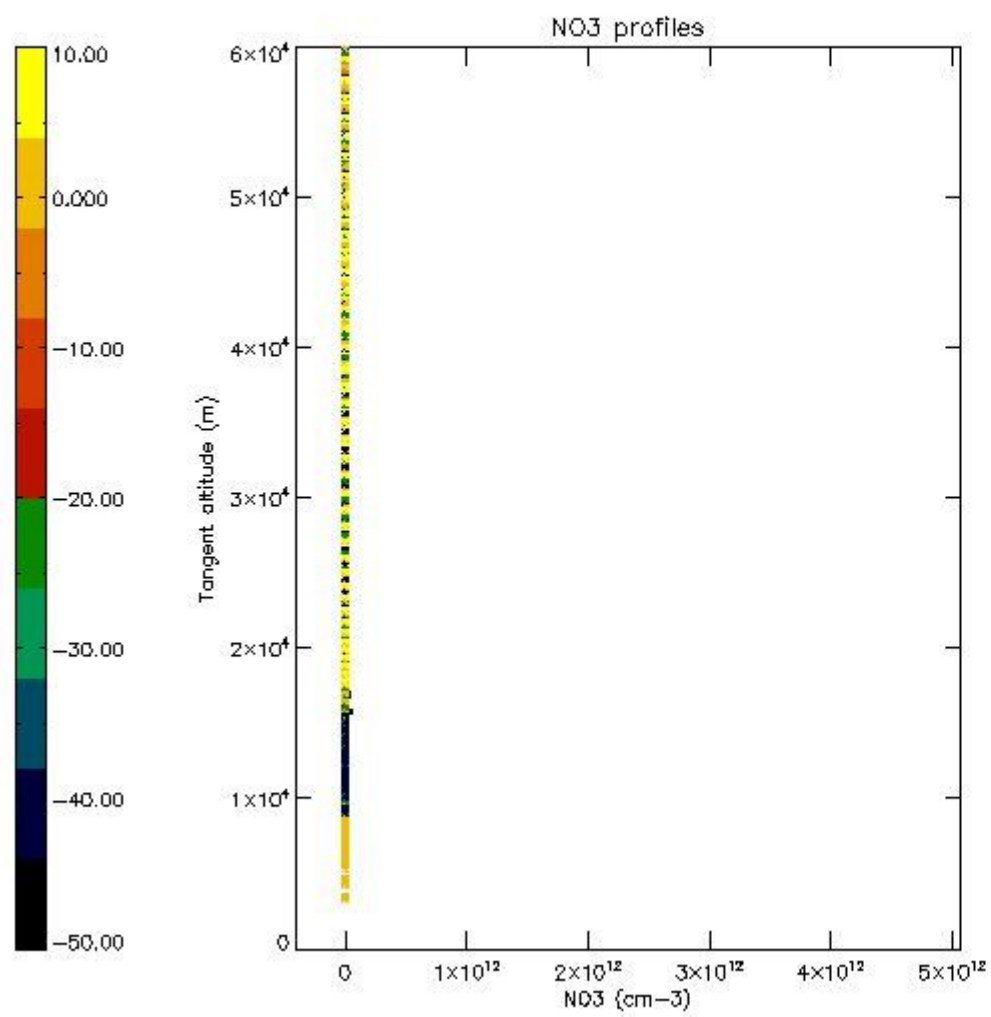
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

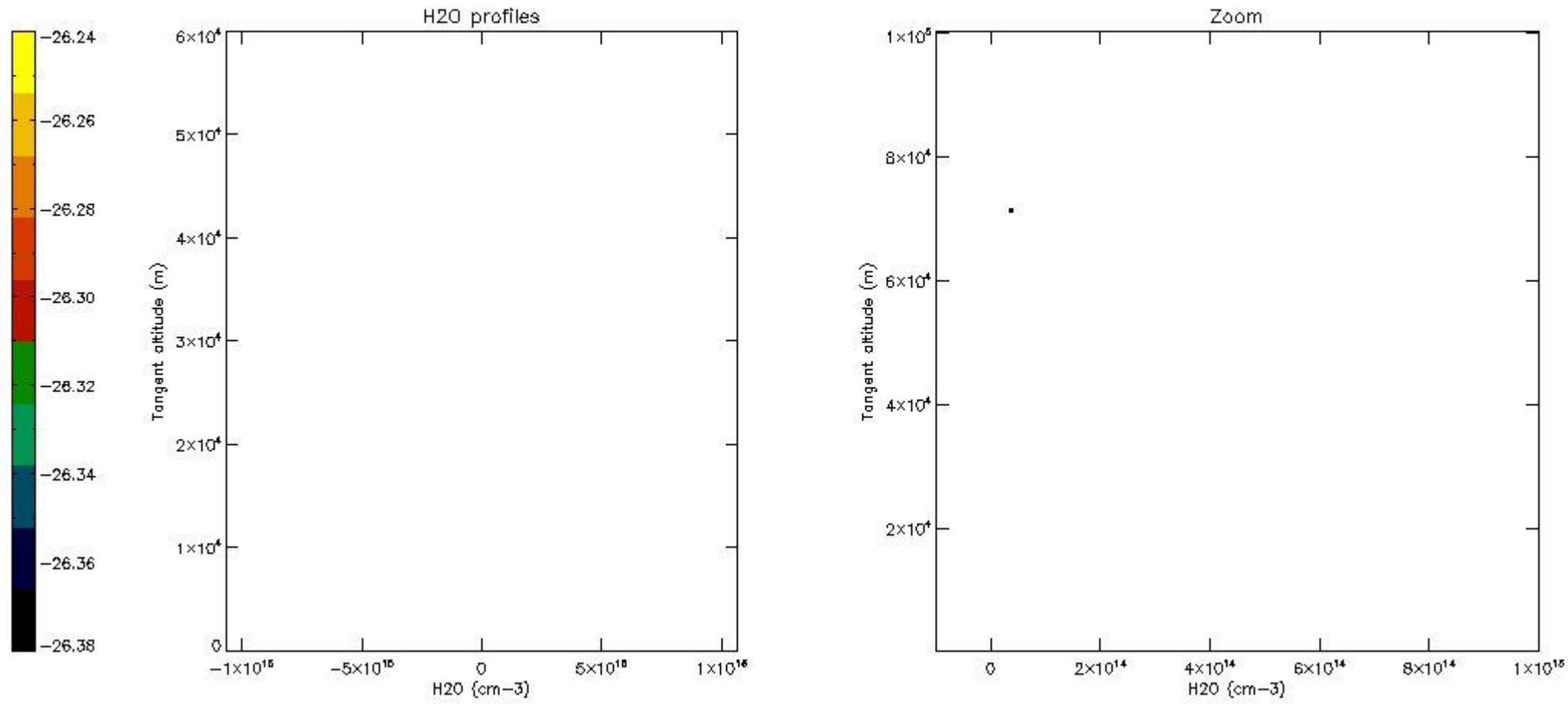
The colorbar represents the latitude.



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.

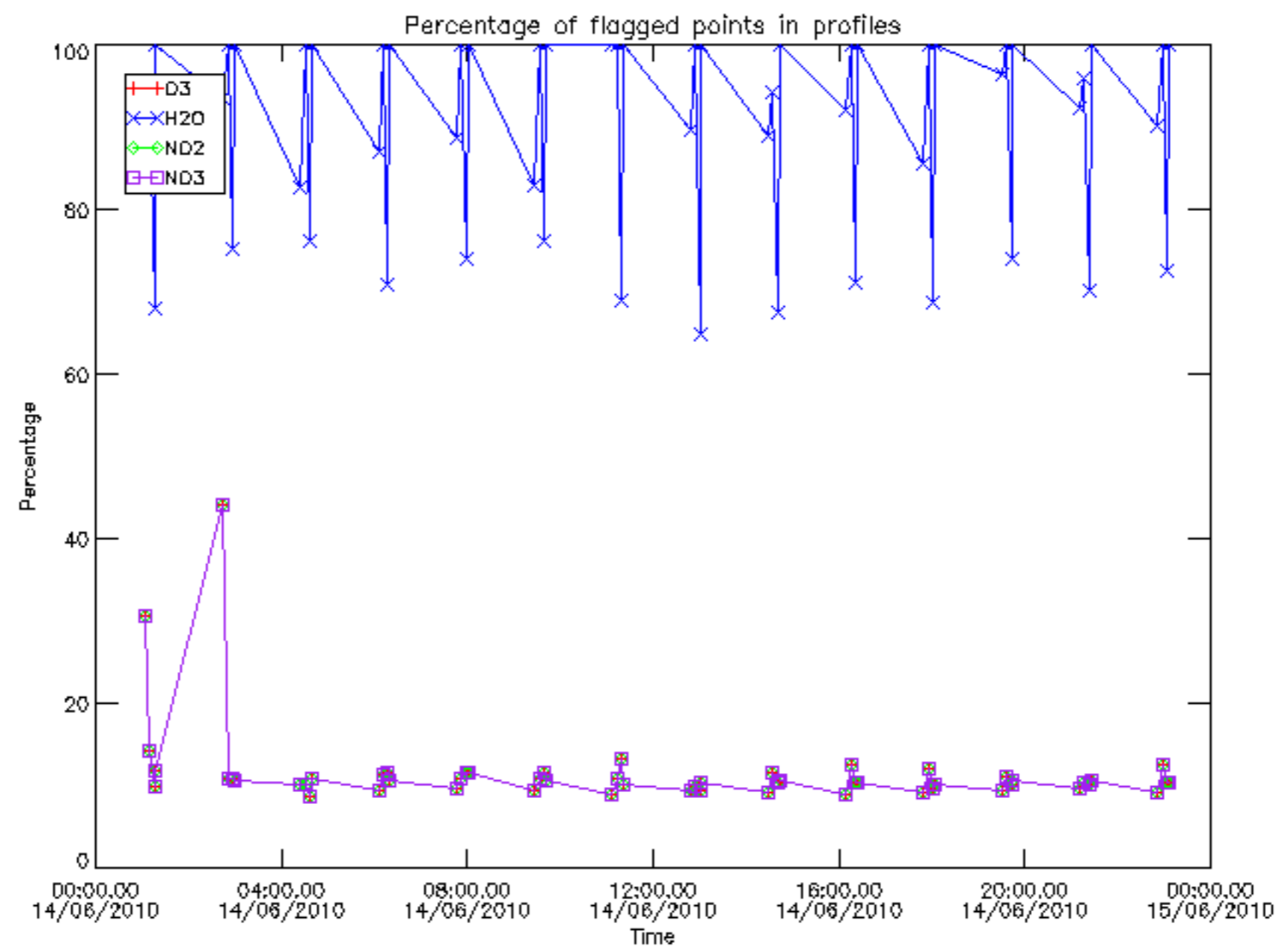




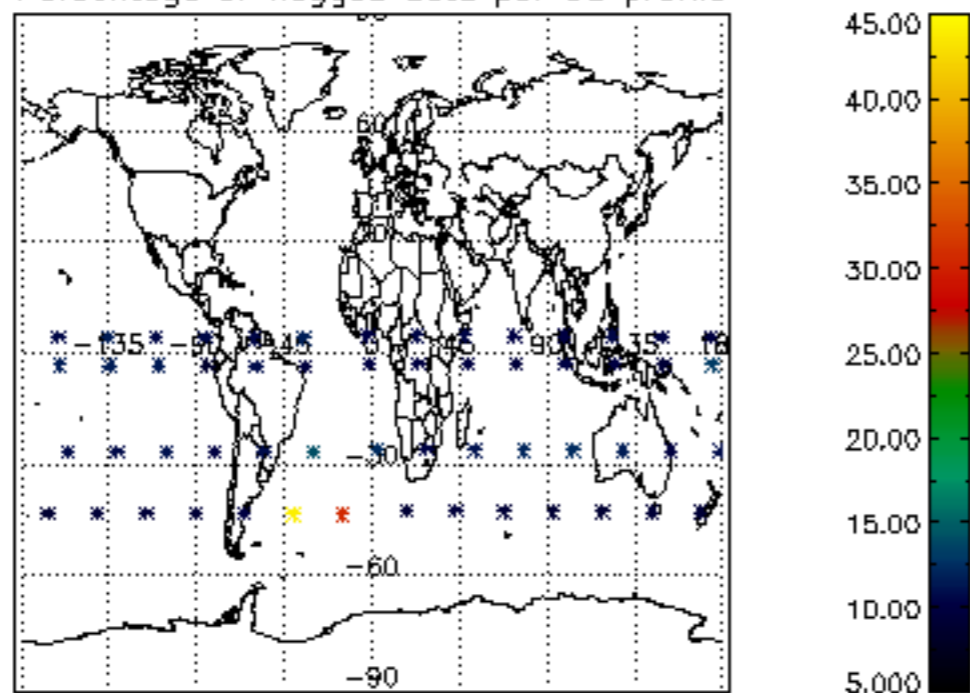
## 6. Auxiliary Data Files used for the production reported in section 2

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.

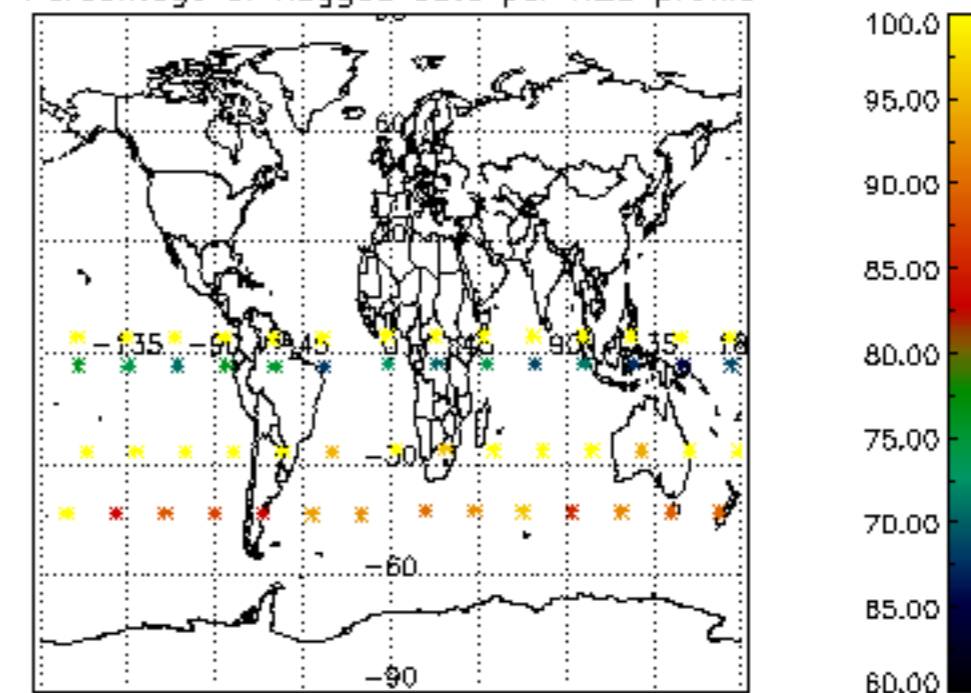
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	14-JUN-2010 00:04:53
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	14-JUN-2010 00:04:53
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	14-JUN-2010 00:04:53



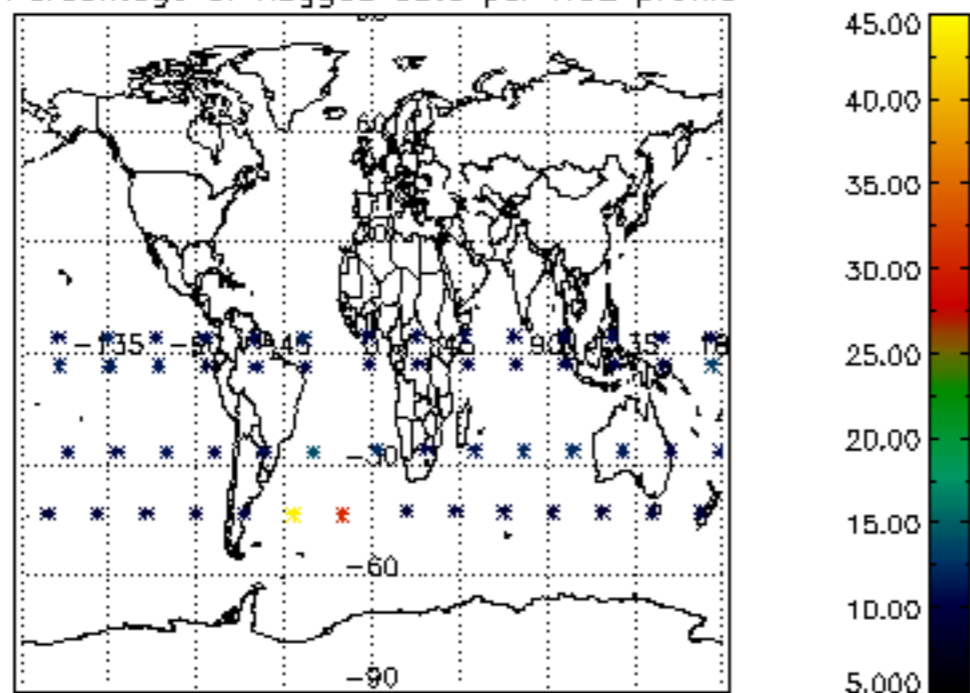
Percentage of flagged data per D3 profile



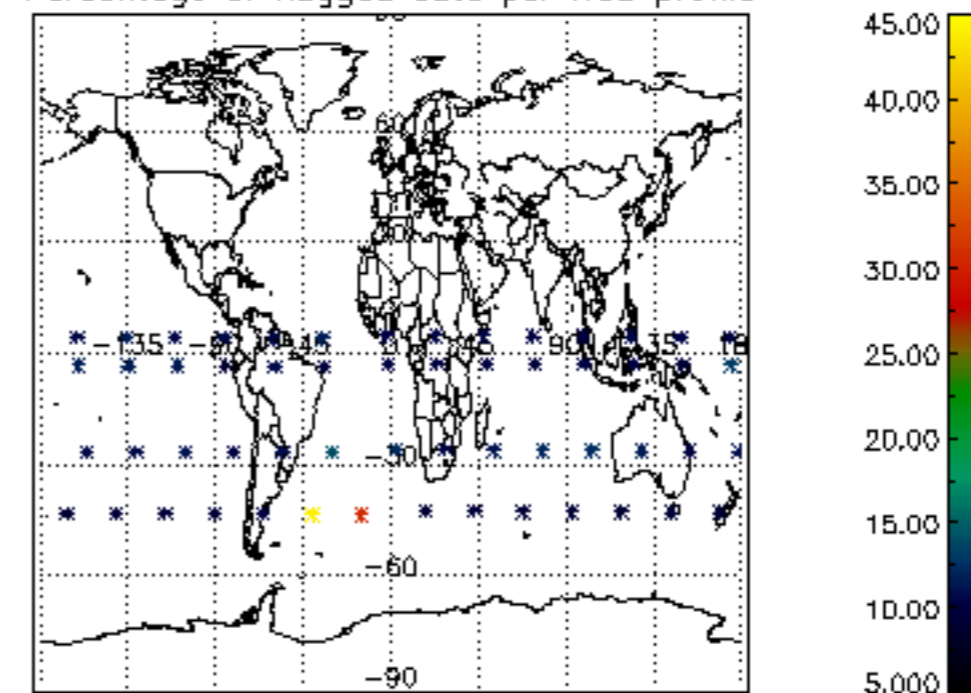
Percentage of flagged data per H2O profile

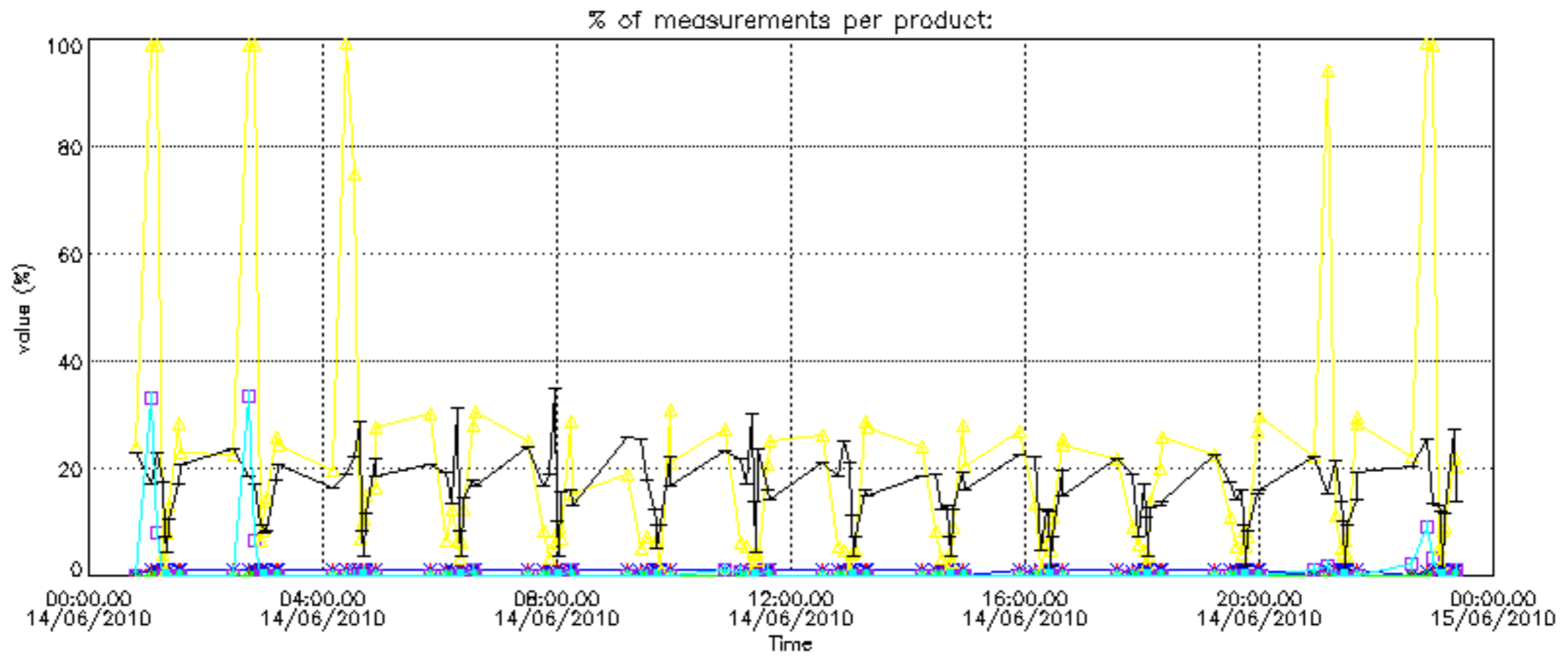


Percentage of flagged data per NO2 profile

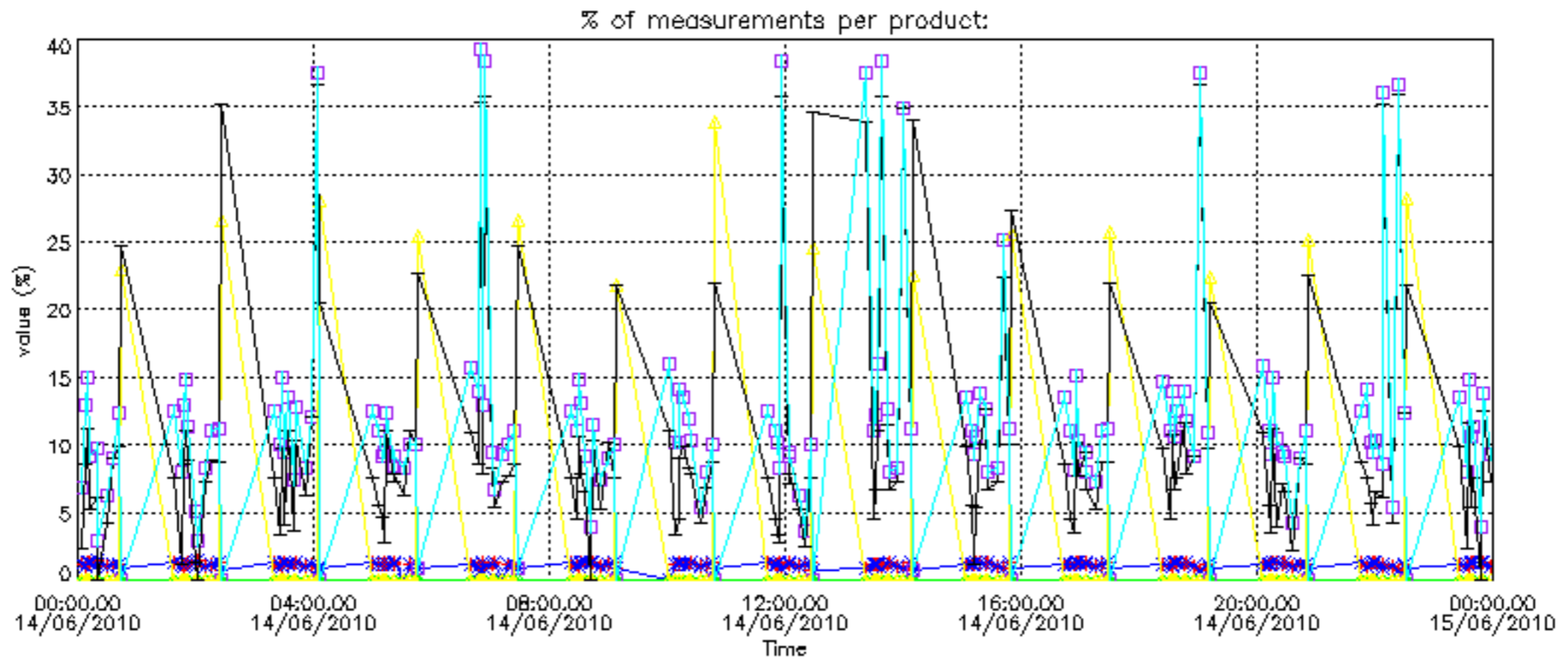


Percentage of flagged data per NO3 profile

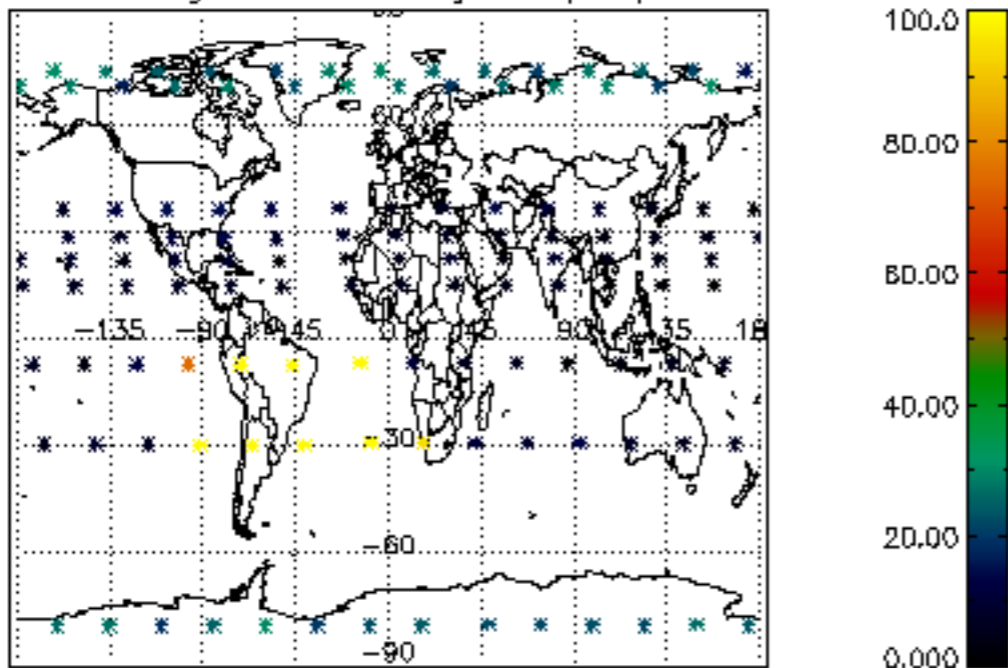




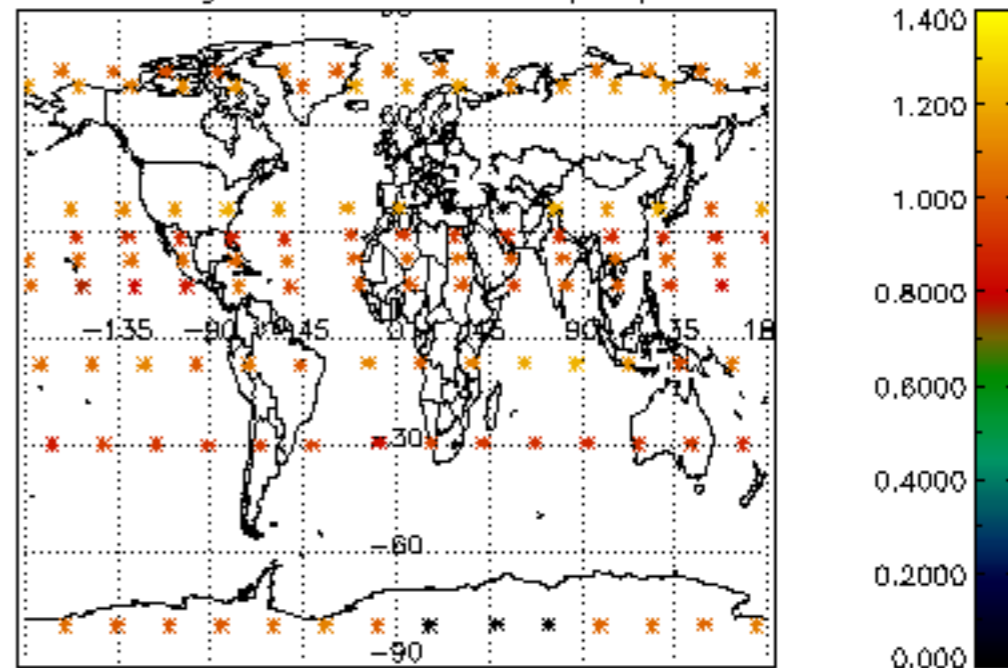




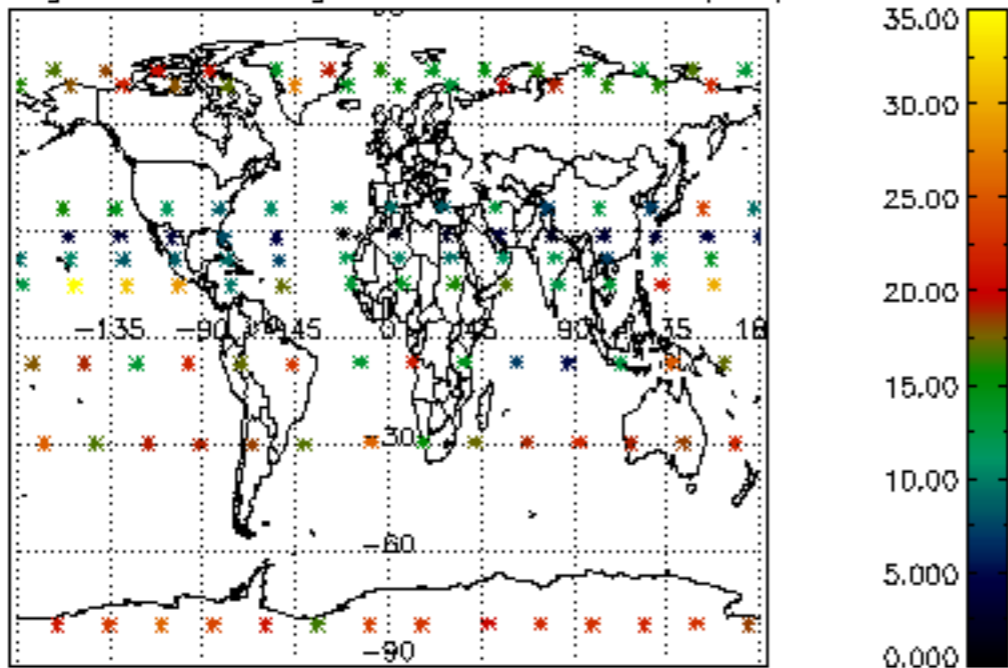
Percentage of cosmic ray hits per profile



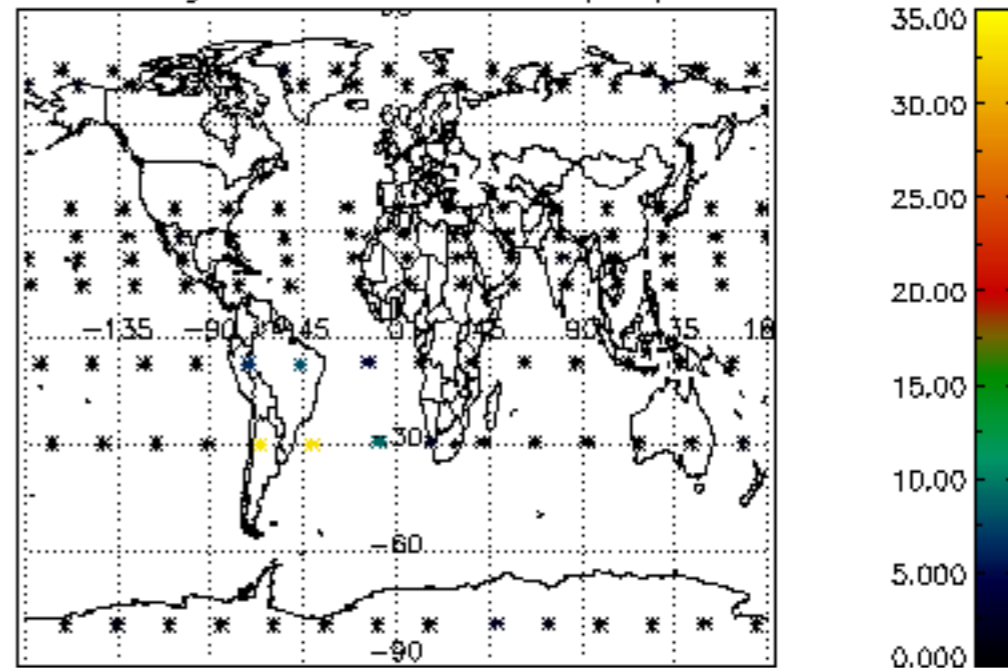
Percentage of datation errors per profile



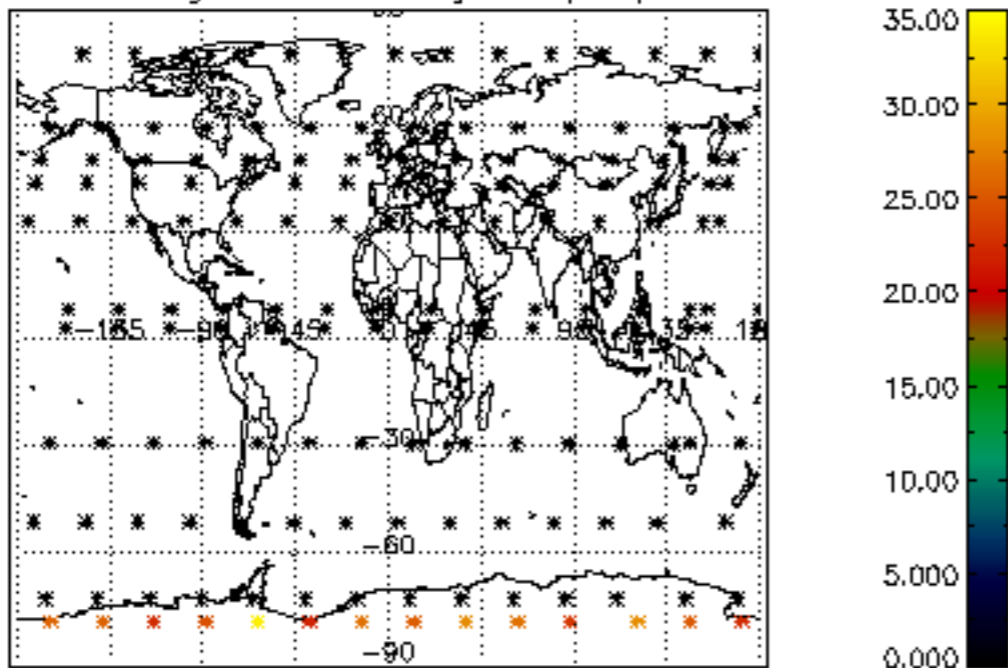
Percentage of star falling outside central band per profile



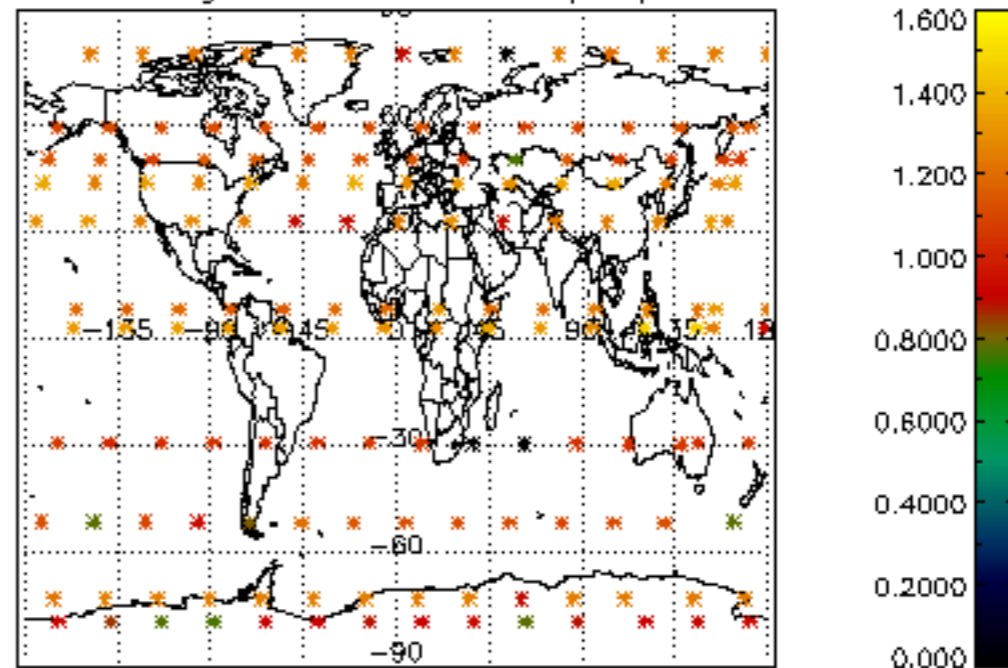
Percentage of saturation errors per profile



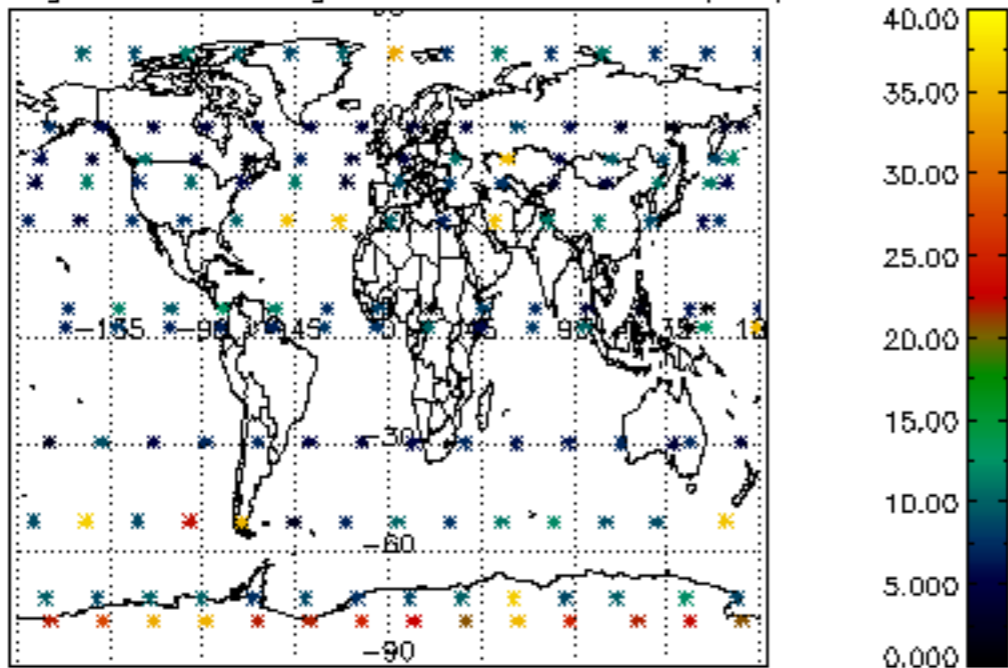
Percentage of cosmic ray hits per profile



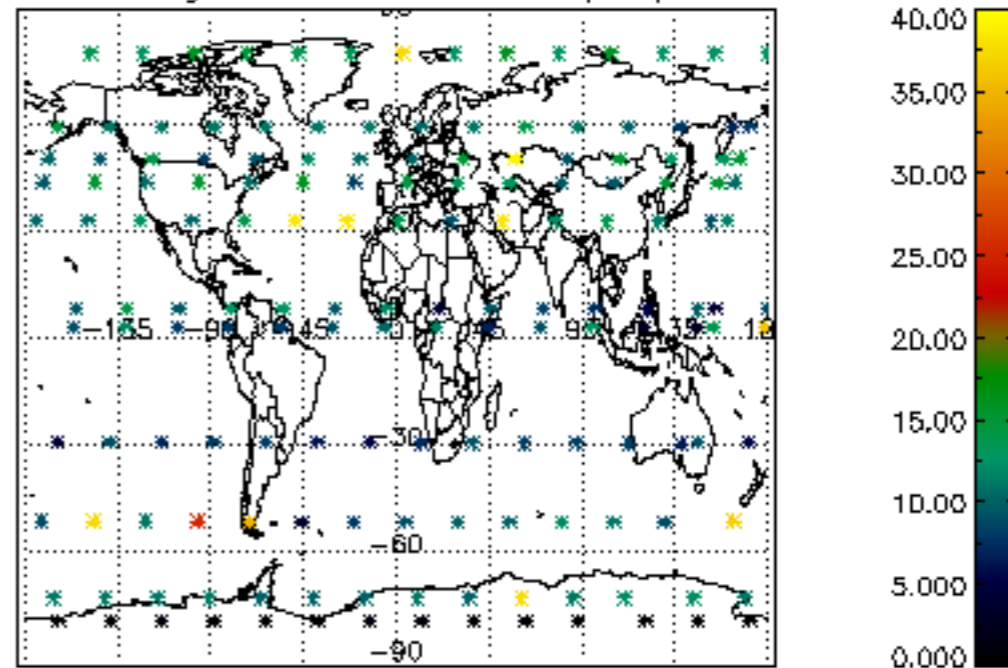
Percentage of datation errors per profile

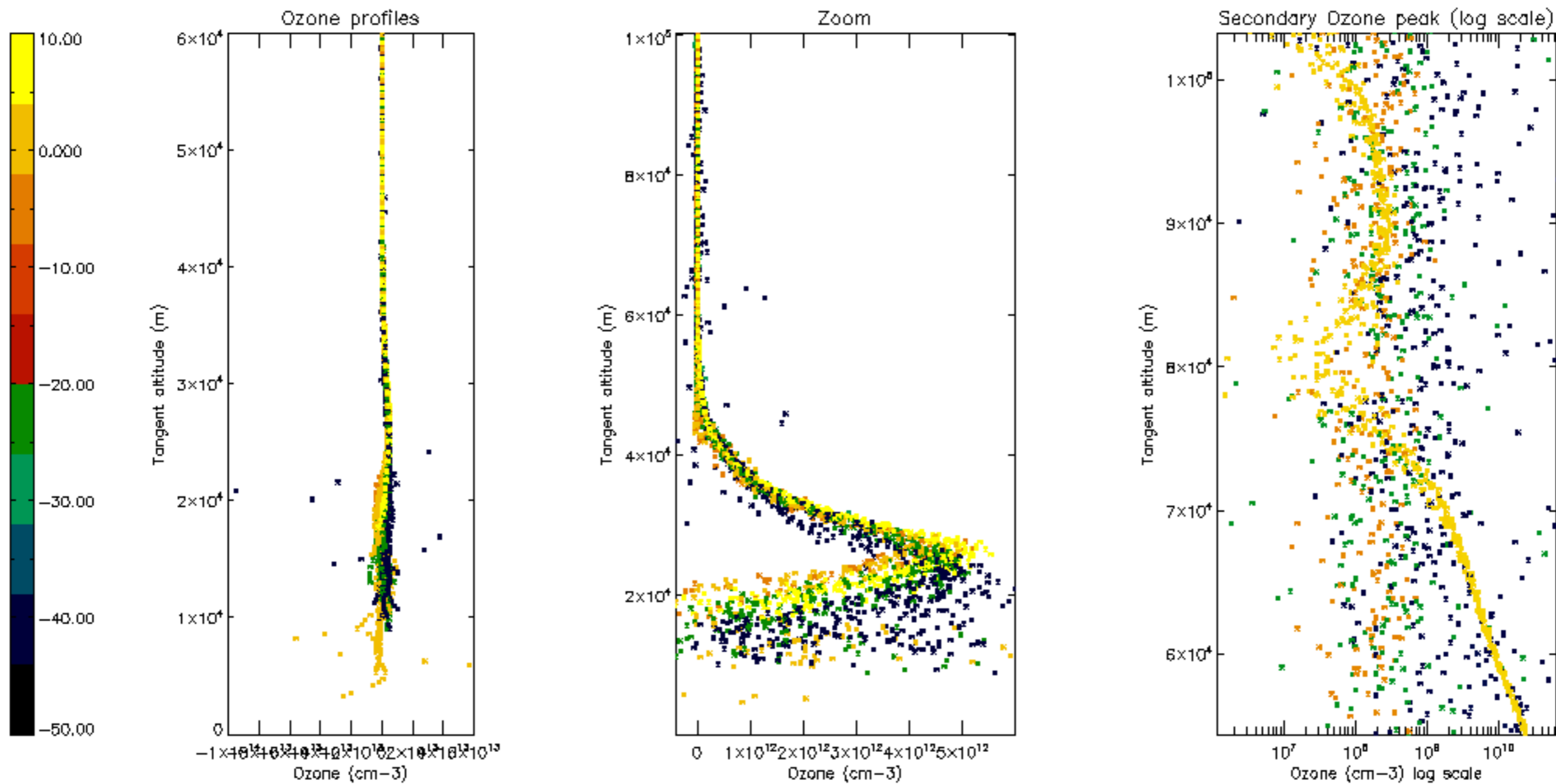


Percentage of star falling outside central band per profile

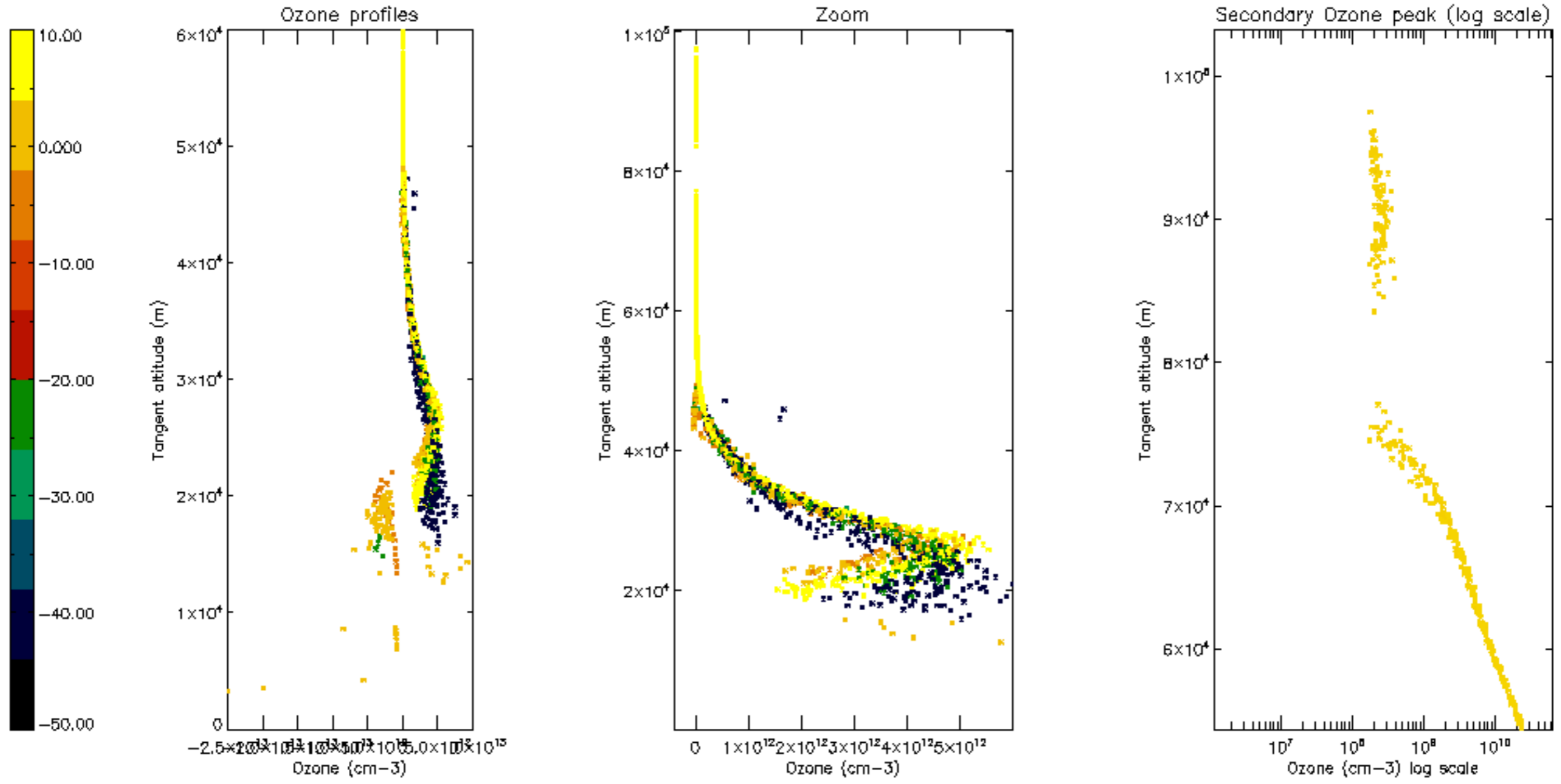


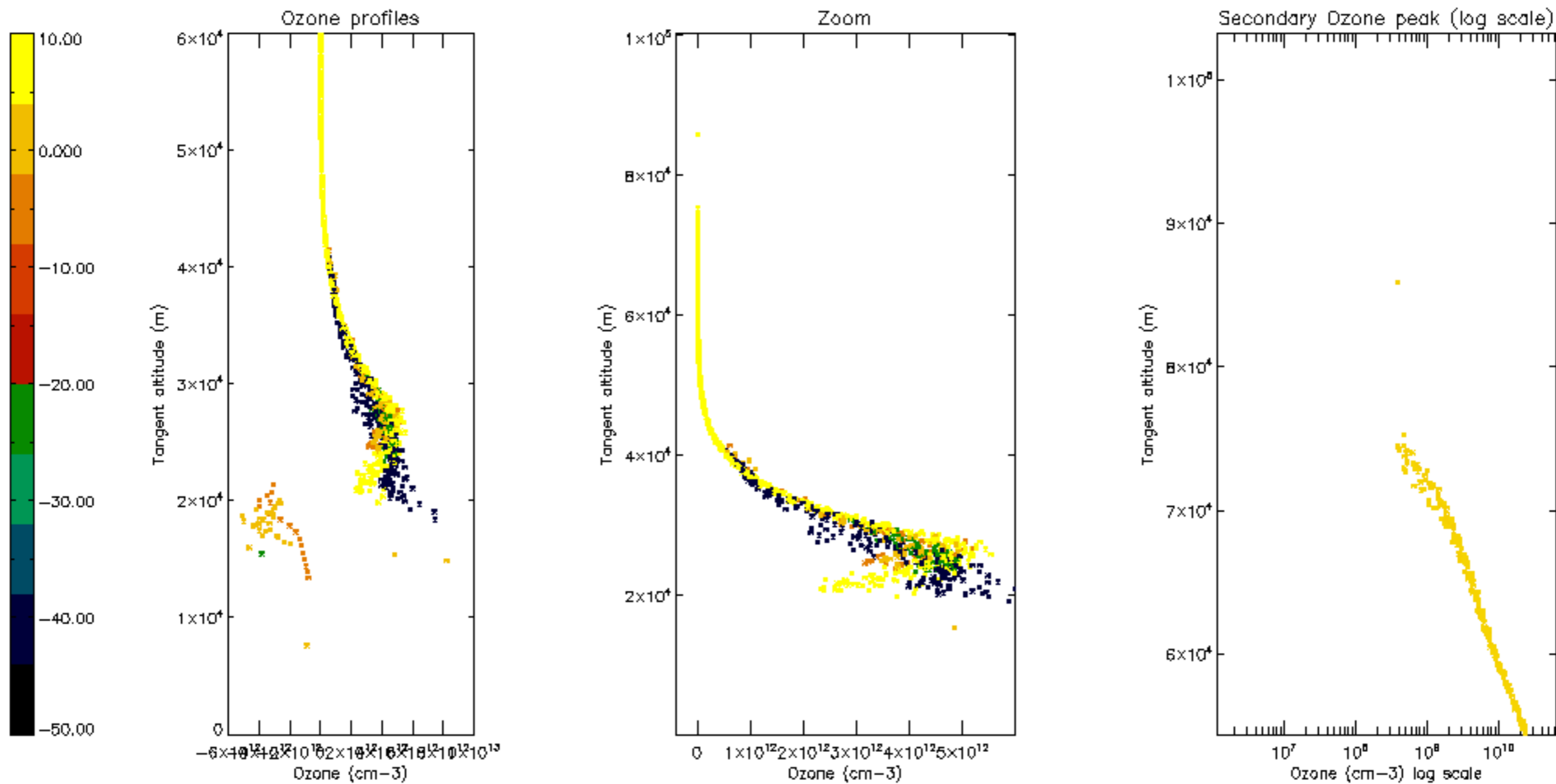
Percentage of saturation errors per profile

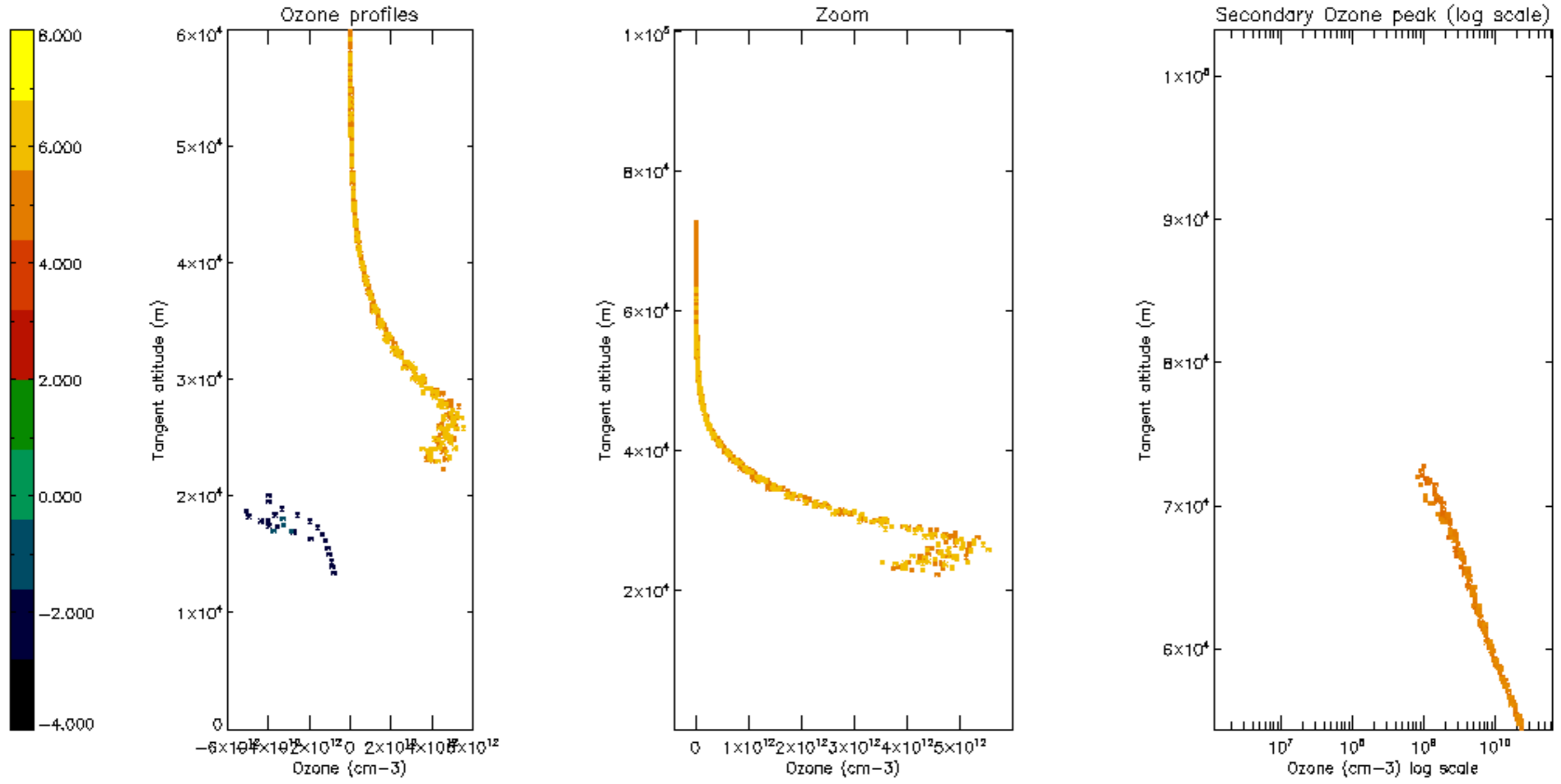


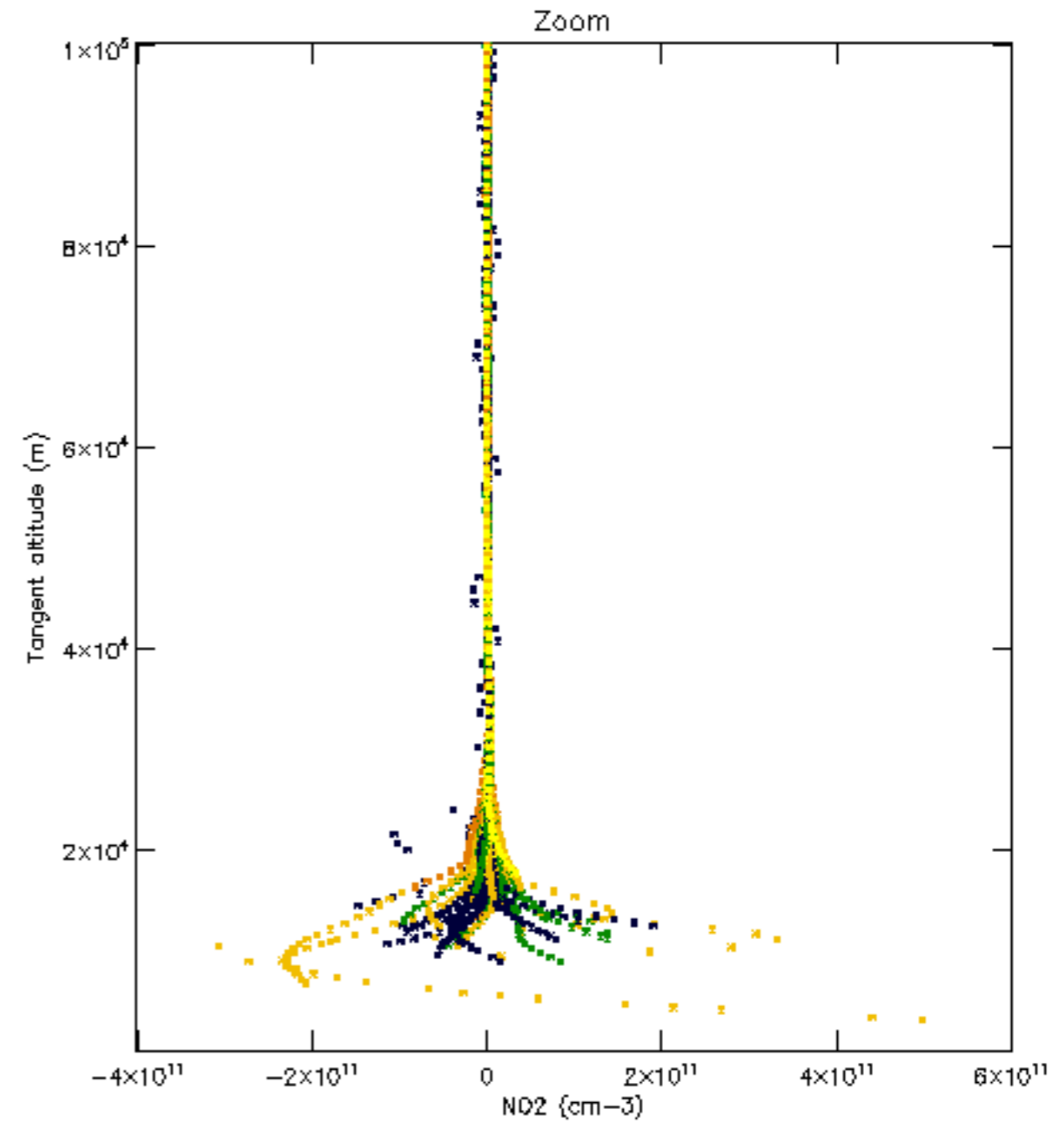
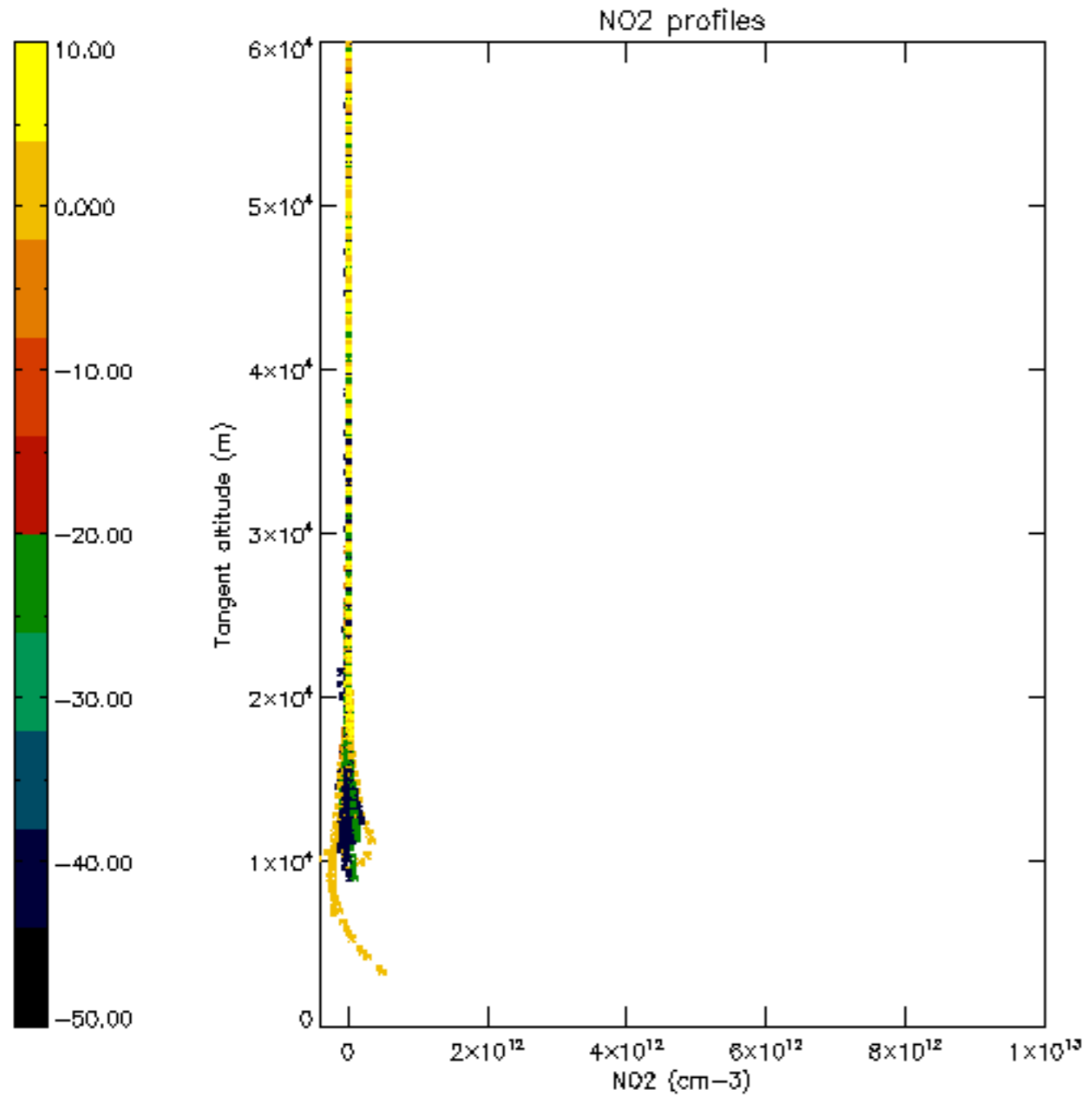




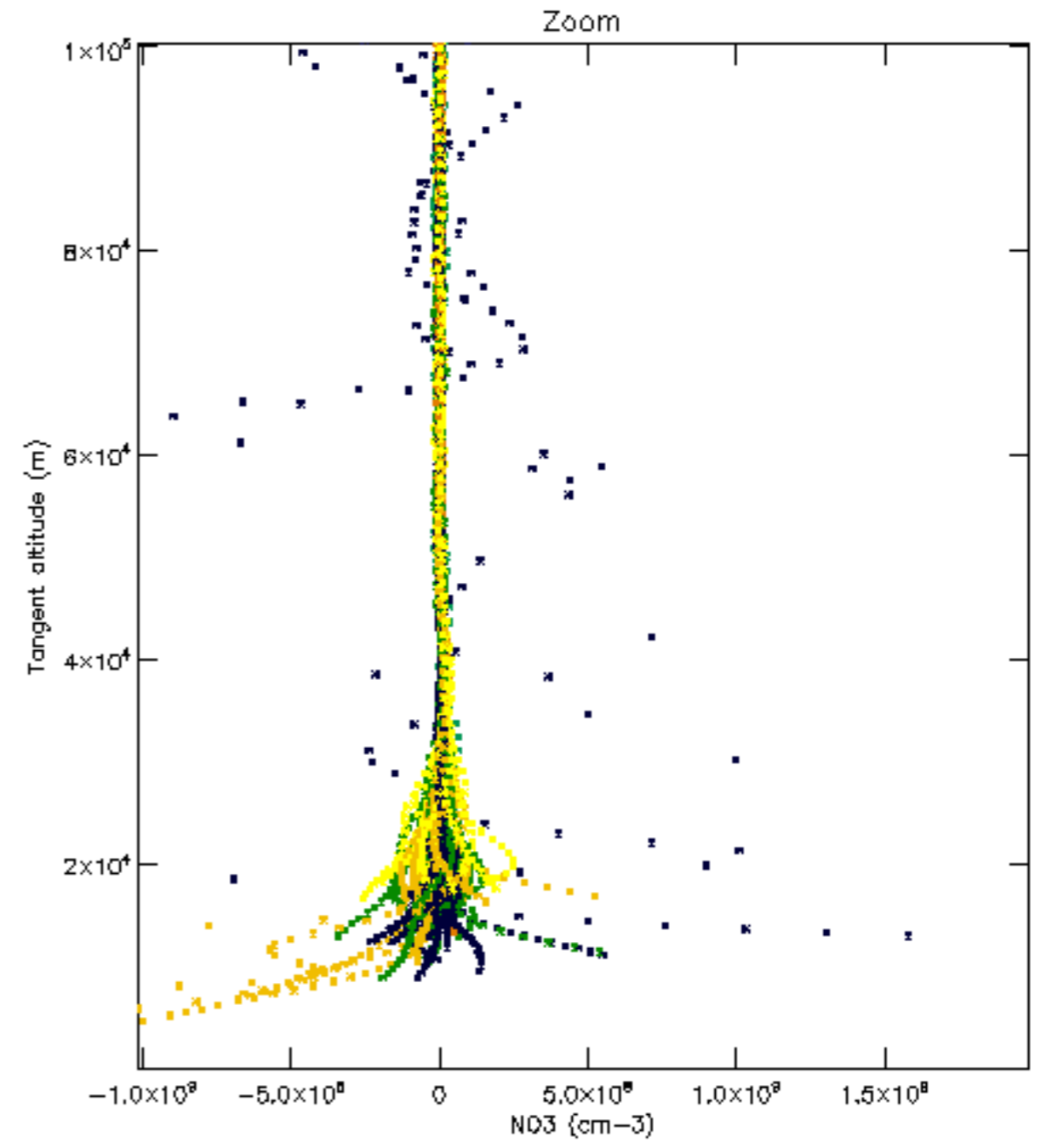
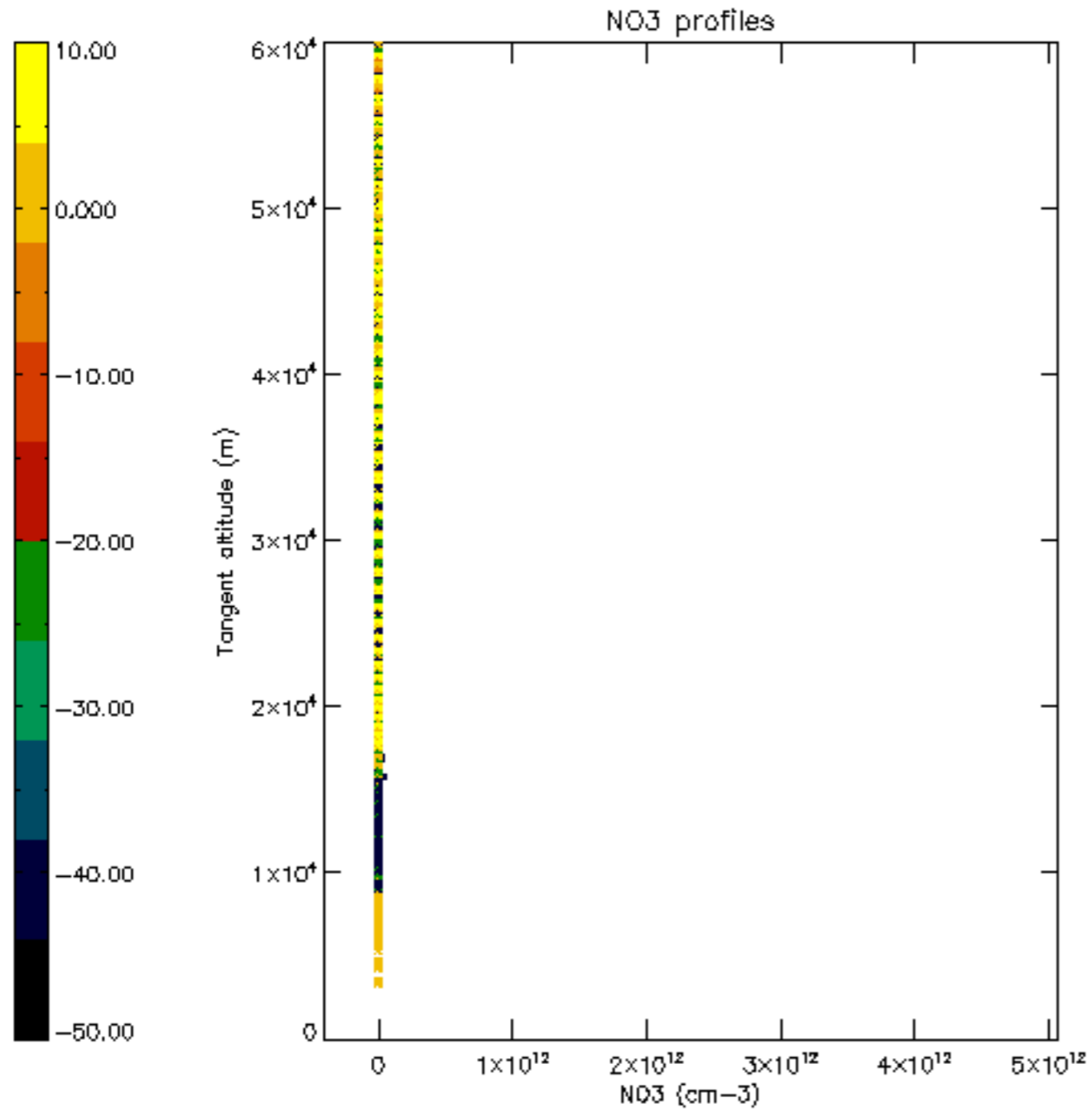


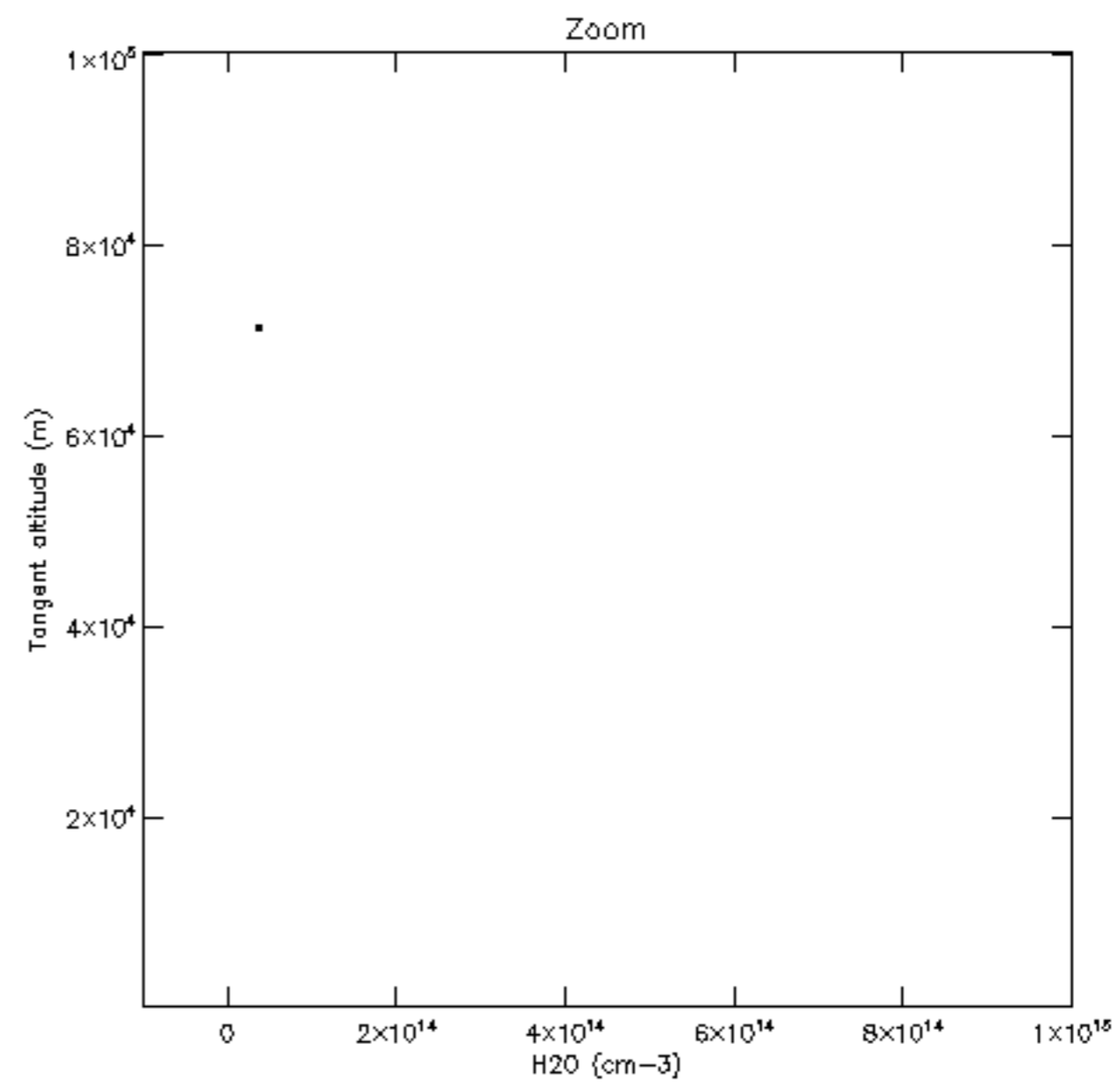
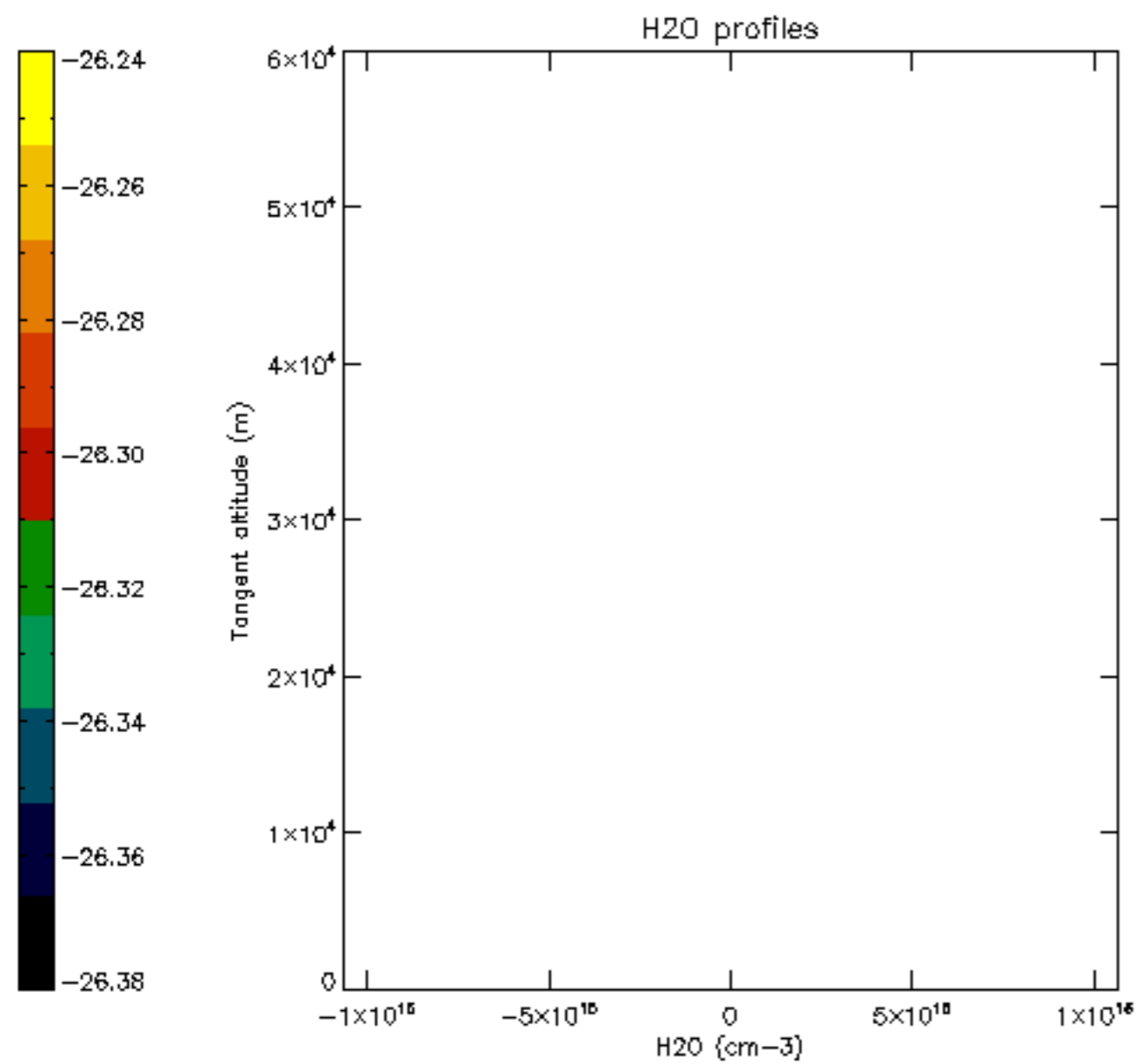


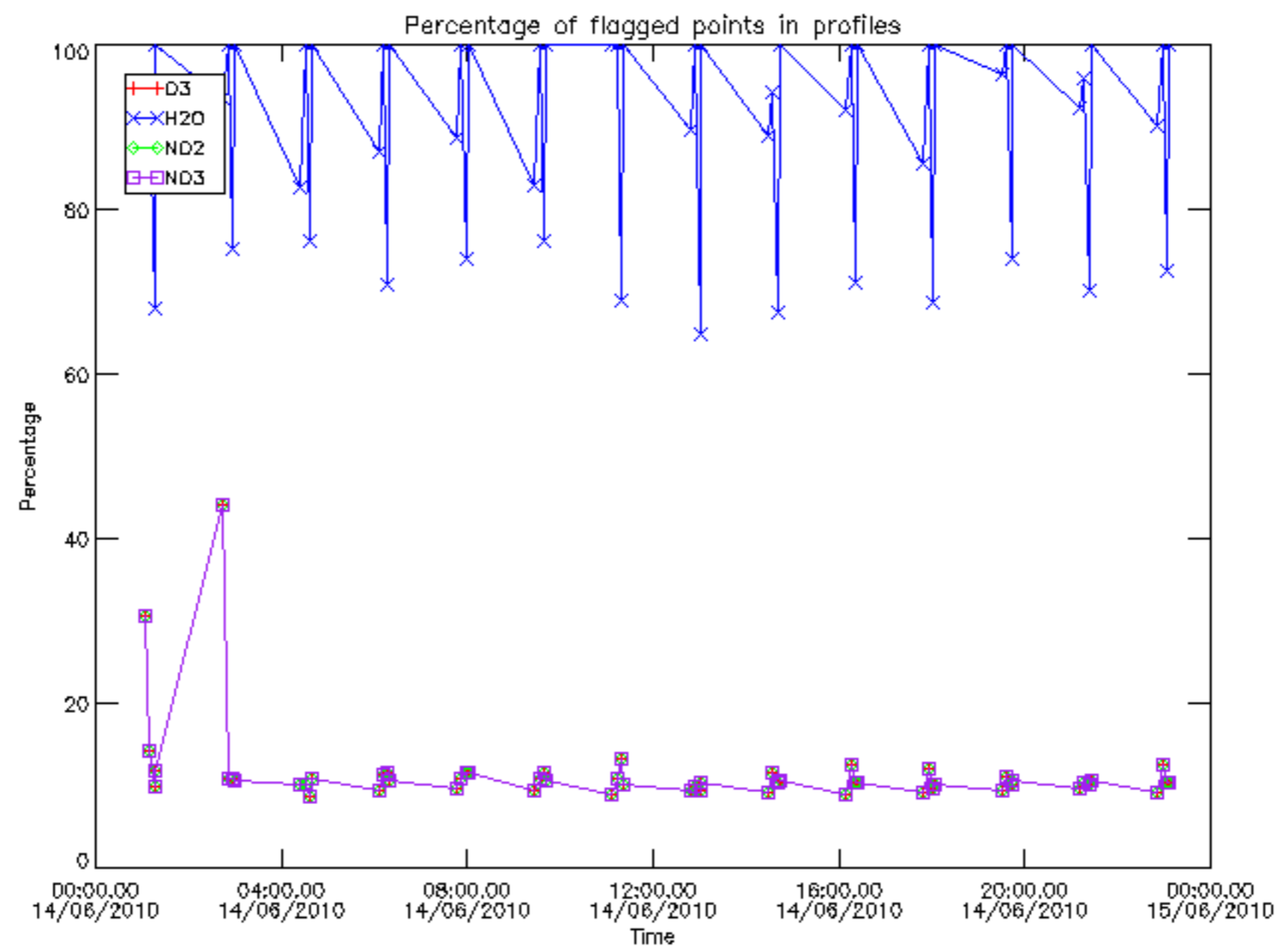




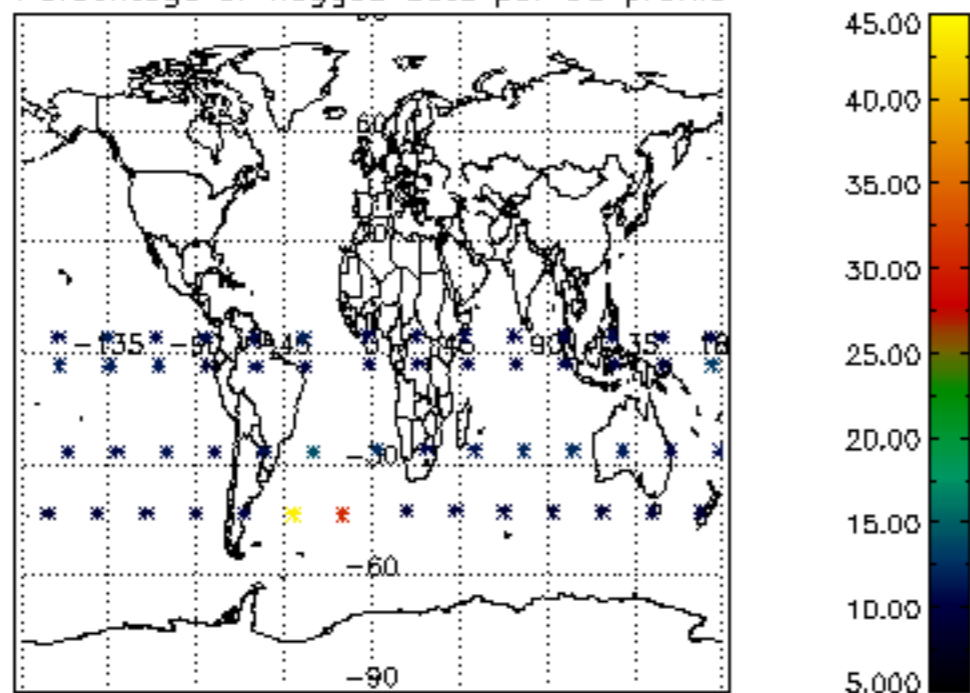




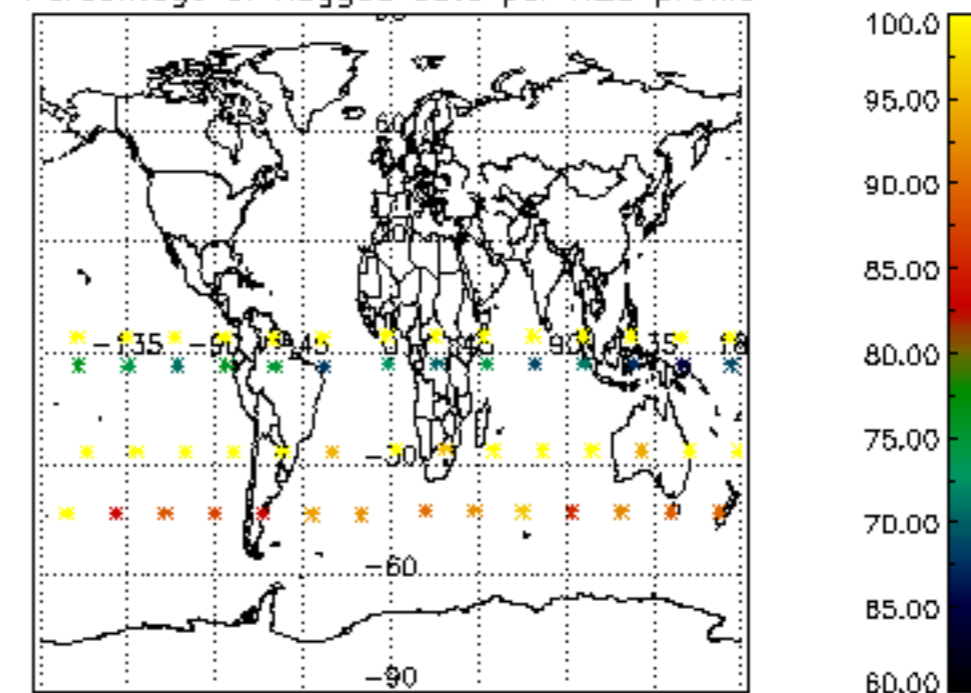




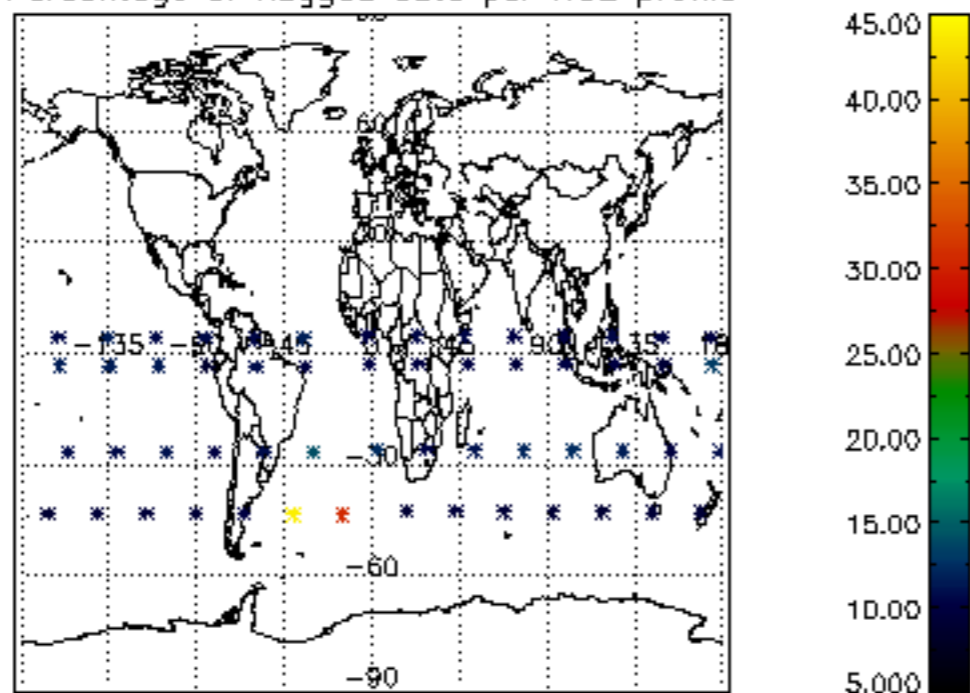
Percentage of flagged data per D3 profile



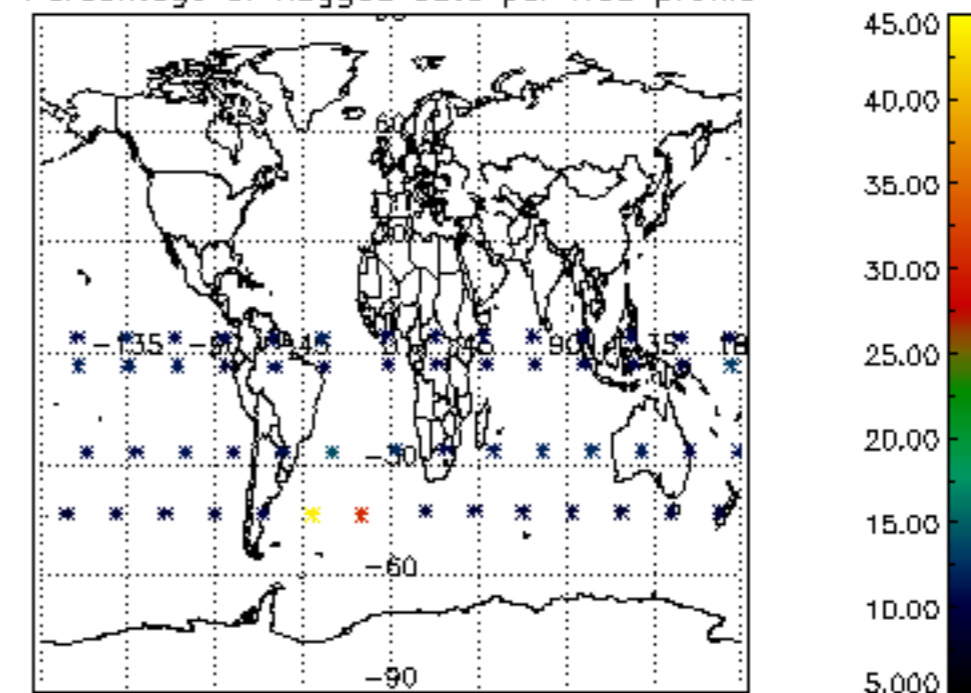
Percentage of flagged data per H2O profile



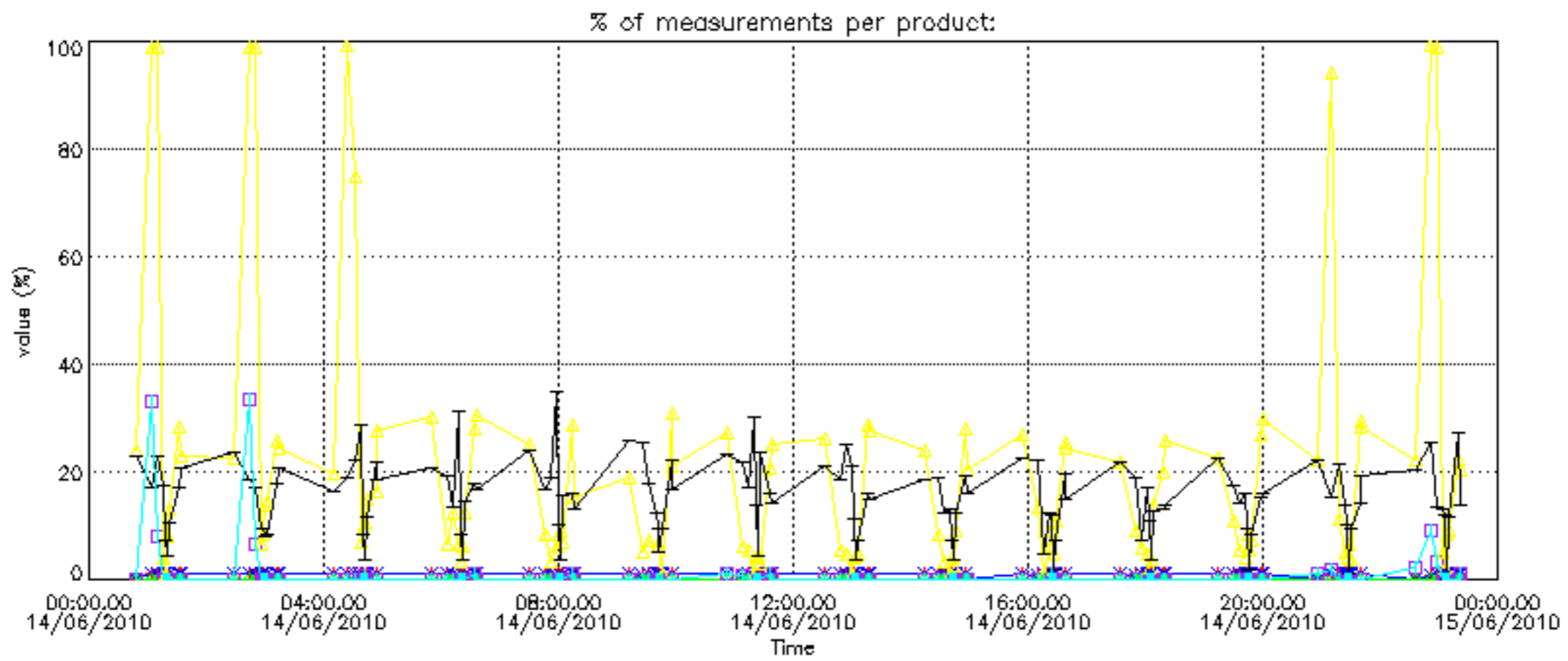
Percentage of flagged data per NO2 profile

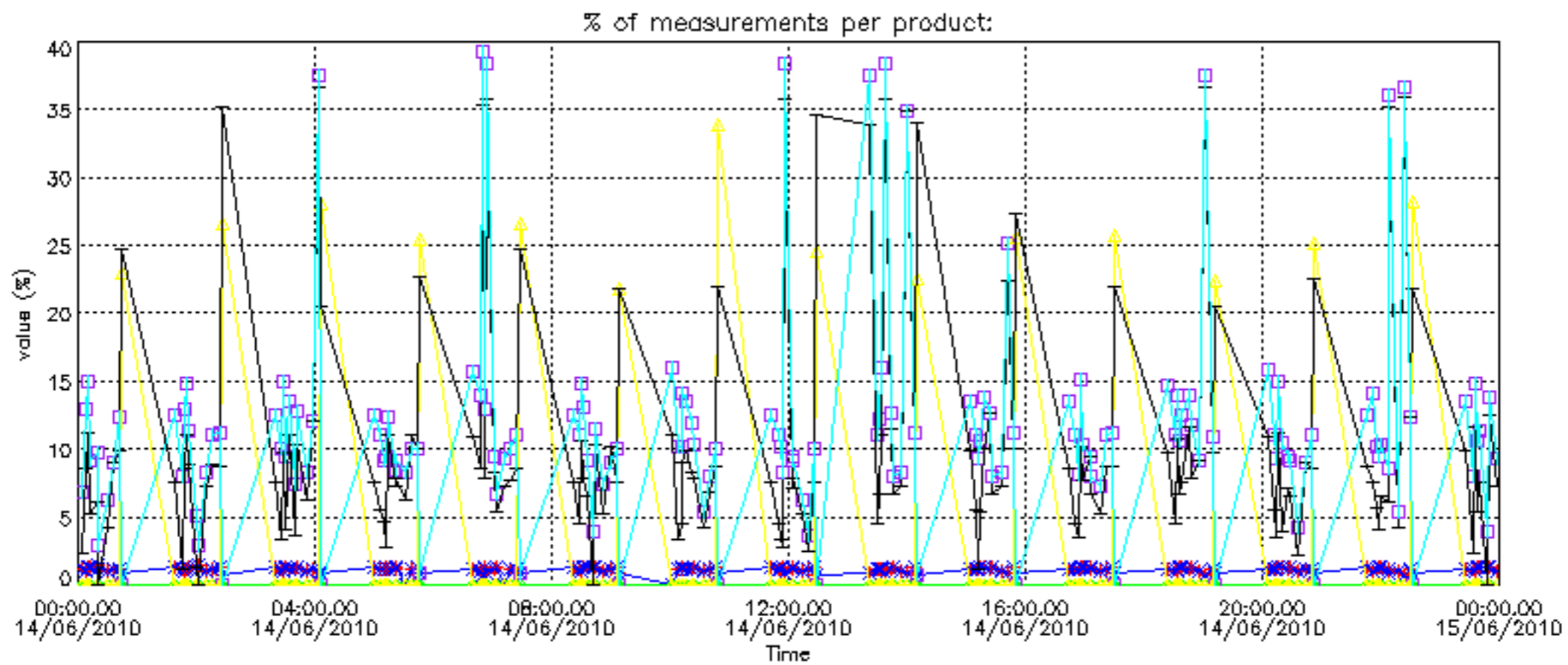


Percentage of flagged data per NO3 profile

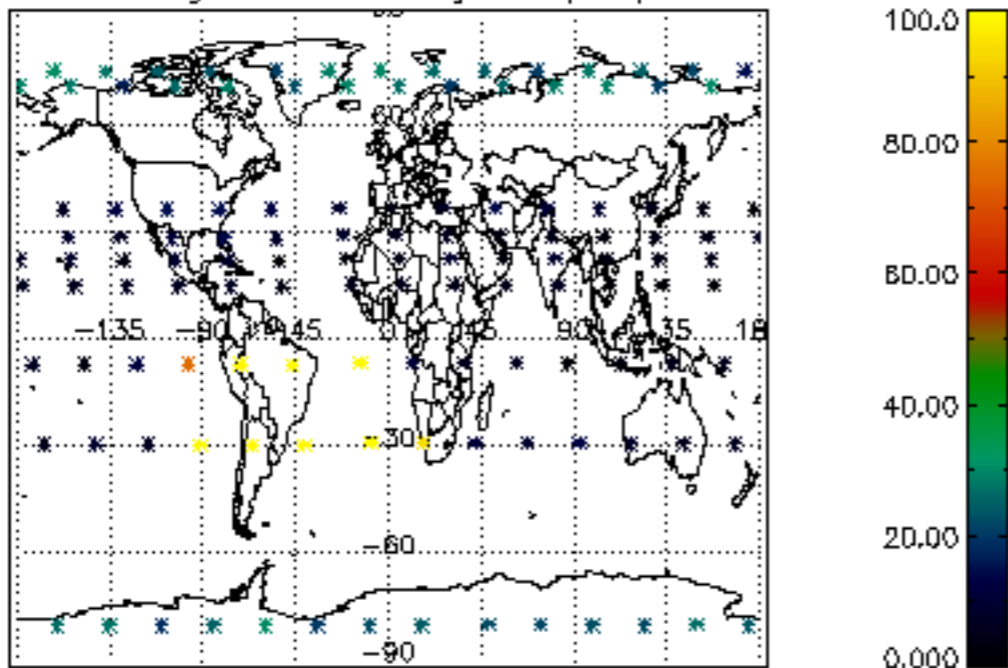




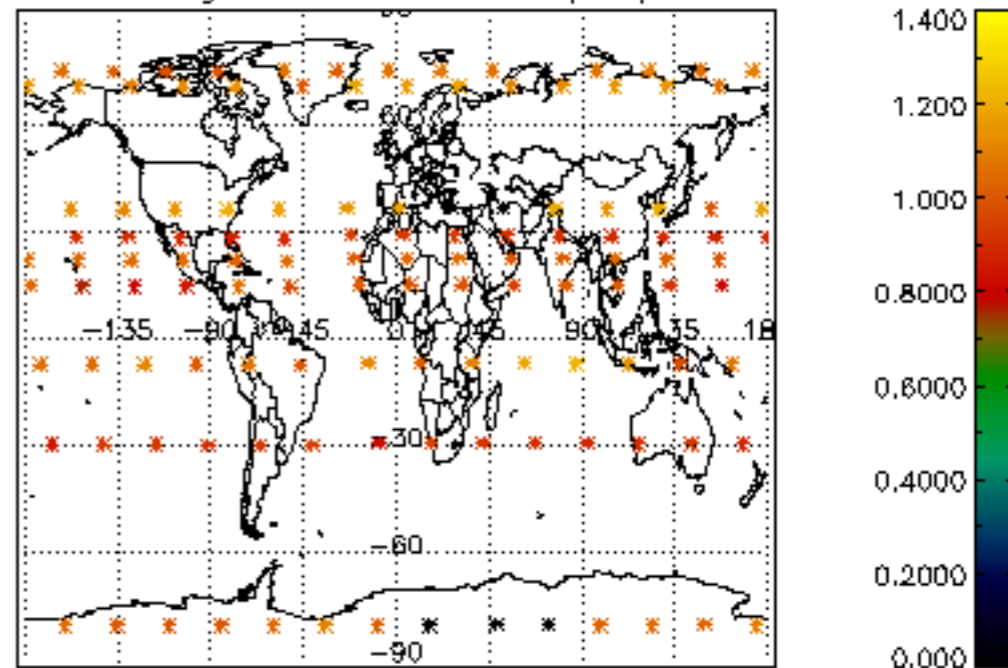




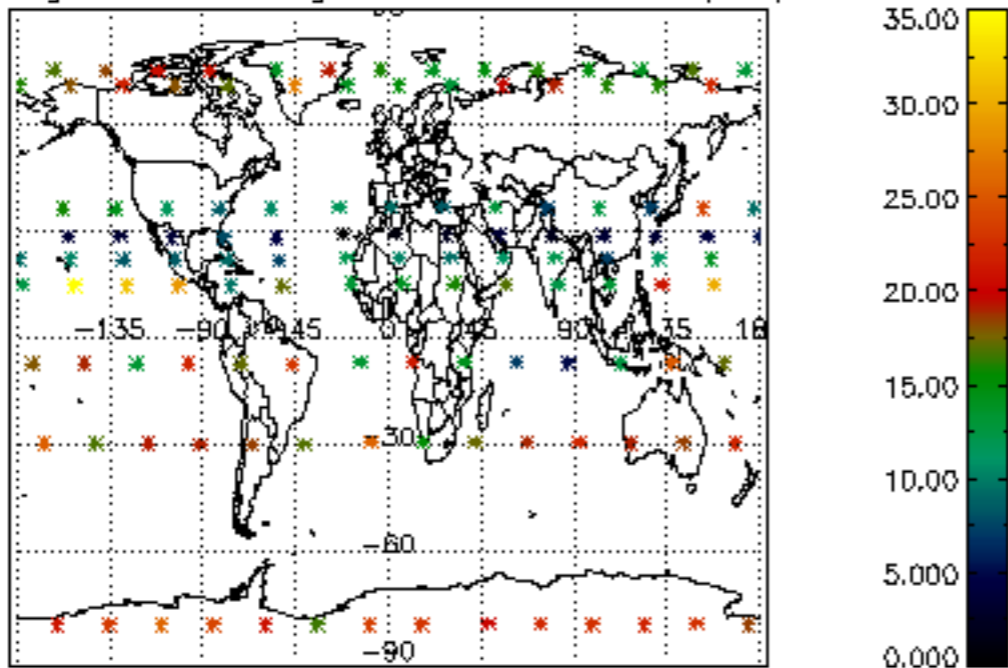
Percentage of cosmic ray hits per profile



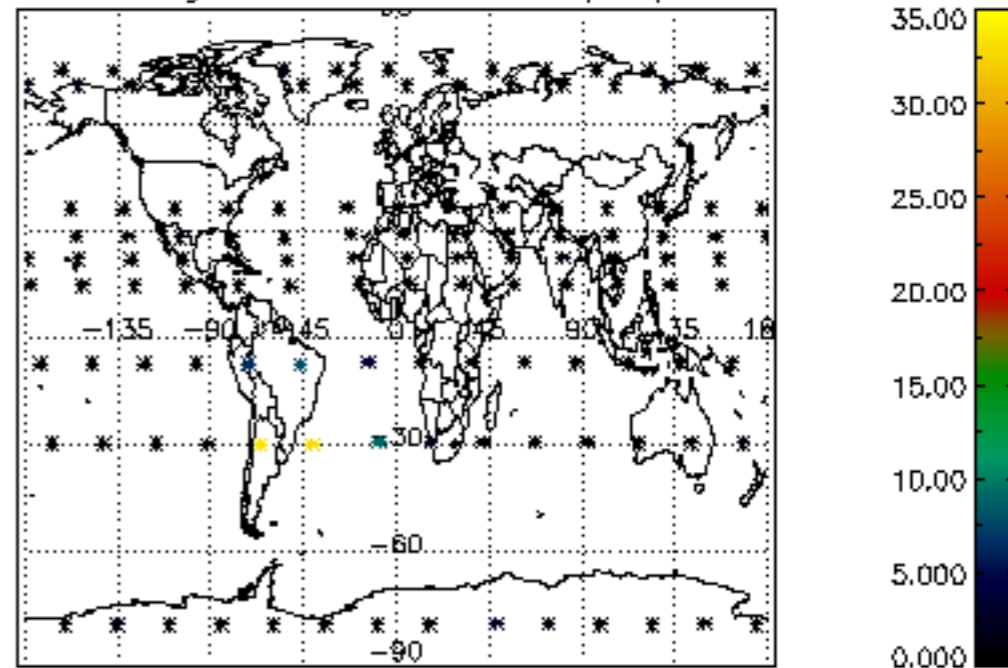
Percentage of datation errors per profile



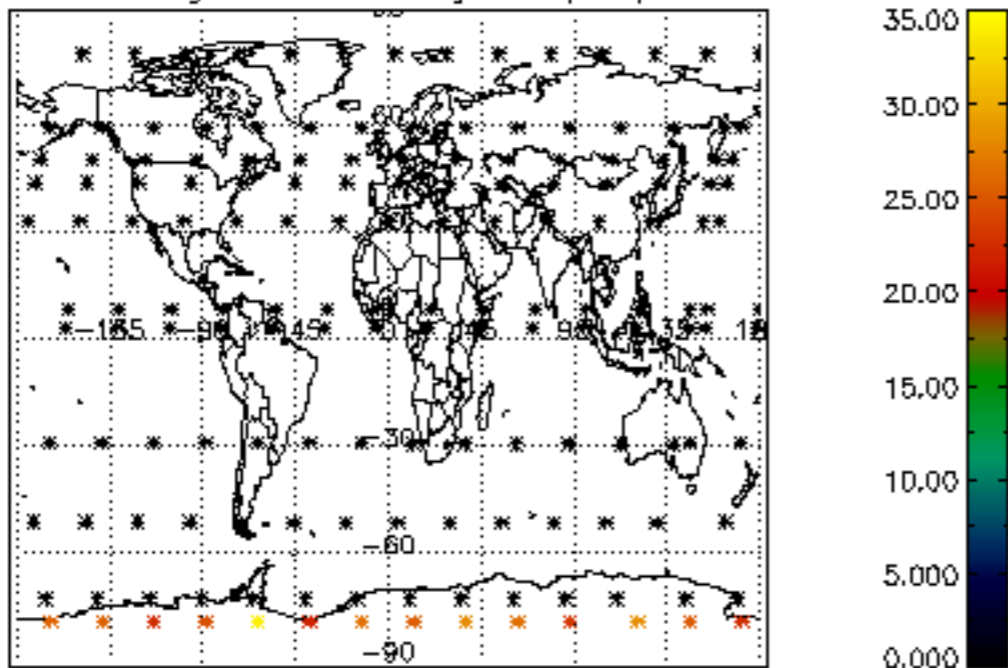
Percentage of star falling outside central band per profile



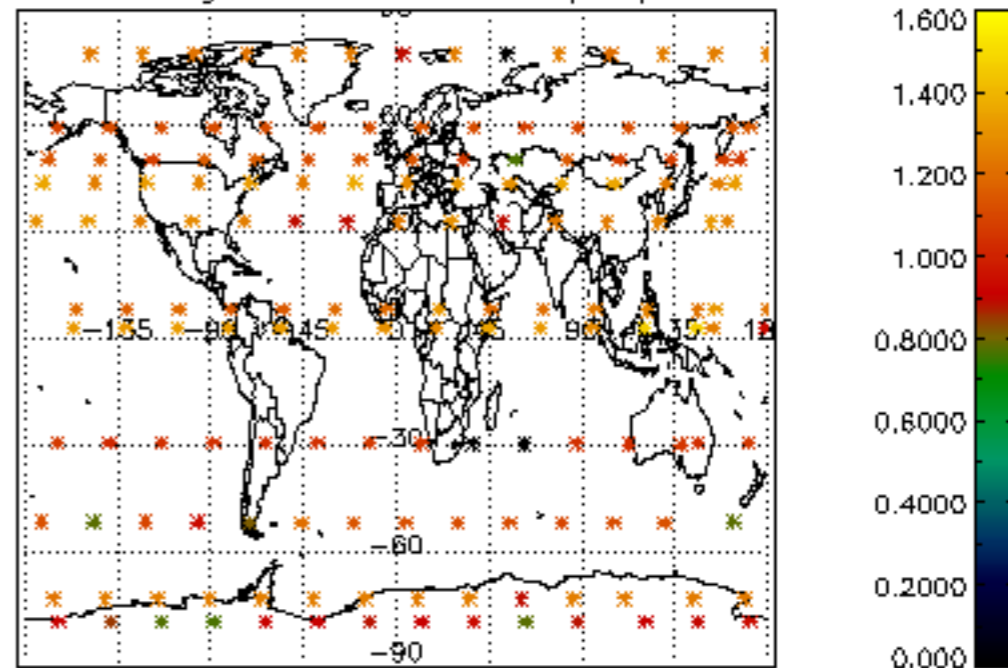
Percentage of saturation errors per profile



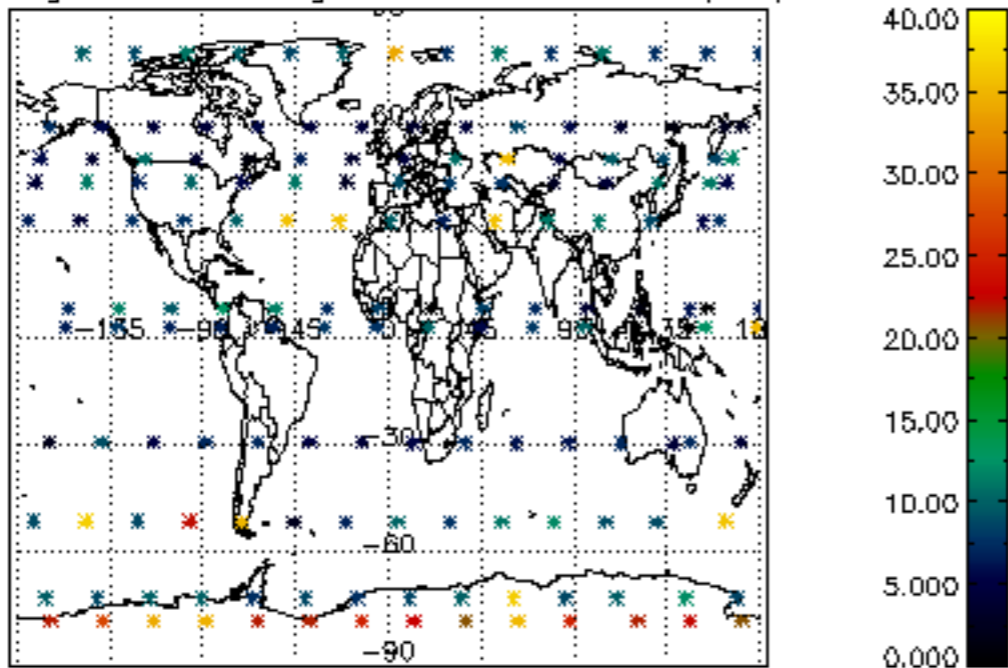
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

