

# 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	23APR2013 23:16:48
Data source version	GOMOS/6.01
Start time of products	06-06-2006 (06JUN2006 00:00:00)
Stop time of products	07-06-2006 (07JUN2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	291
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__2PRFIN20060606_000519_000000442048_00202_22300_0552.N1	06-JUN-2006 00:05:19	Bright	43.500	76	27Gam Cas	2.3000	30000.	87	22300	No
2	GOM_NL__2PRFIN20060606_001059_000000352048_00202_22300_0553.N1	06-JUN-2006 00:10:59	Bright	35.000	73	57Gam1And	2.2600	13100.	70	22300	No
3	GOM_NL__2PRFIN20060606_001318_000000512048_00202_22300_0554.N1	06-JUN-2006 00:13:18	Bright	50.500	53	43Bet And	2.0480	3300.0	101	22300	No
4	GOM_NL__2PRFIN20060606_001723_000000392048_00202_22300_0555.N1	06-JUN-2006 00:17:23	Twilight	39.000	105	6Bet Ari	2.6450	8900.0	78	22300	No
5	GOM_NL__2PRFIN20060606_003035_000000492048_00202_22300_0556.N1	06-JUN-2006 00:30:35	Dark	49.000	52	16Bet Cet	2.0370	4500.0	98	22300	No
6	GOM_NL__2PRFIN20060606_003711_000000462048_00202_22300_0557.N1	06-JUN-2006 00:37:11	Dark	45.500	84	Alp Phe	2.3970	4500.0	91	22300	No
7	GOM_NL__2PRFIN20060606_004251_000000492048_00203_22301_0557.N1	06-JUN-2006 00:42:51	Dark	48.500	63	Bet Gru	2.1500	2800.0	97	22301	No
8	GOM_NL__2PRFIN20060606_004448_000000462048_00203_22301_0558.N1	06-JUN-2006 00:44:48	Dark	46.000	31	Alp Gru	1.7340	15200.	92	22301	No
9	GOM_NL__2PRFIN20060606_004928_000000422048_00203_22301_0559.N1	06-JUN-2006 00:49:28	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	22301	No
10	GOM_NL__2PRFIN20060606_005635_000000392048_00203_22301_0560.N1	06-JUN-2006 00:56:35	Straylight	39.000	147	Alp Ara	2.8770	26000.	78	22301	No
11	GOM_NL__2PRFIN20060606_005818_000000442048_00203_22301_0561.N1	06-JUN-2006 00:58:18	Straylight	44.000	40	The Sco	1.8590	7100.0	88	22301	No
12	GOM_NL__2PRFIN20060606_010004_000000462048_00203_22301_0562.N1	06-JUN-2006 01:00:04	Tw_and_stray	45.500	25	35Lam Sco	1.6200	28000.	91	22301	No
13	GOM_NL__2PRFIN20060606_010143_000000472048_00203_22301_0563.N1	06-JUN-2006 01:01:43	Tw_and_stray	46.500	75	26Eps Sco	2.2910	4250.0	93	22301	No
14	GOM_NL__2PRFIN20060606_010341_000000452048_00203_22301_0564.N1	06-JUN-2006 01:03:41	Bright	45.000	136	23Tau Sco	2.8220	30000.	90	22301	No
15	GOM_NL__2PRFIN20060606_010711_000000432048_00203_22301_0565.N1	06-JUN-2006 01:07:11	Bright	43.000	86	35Eta Oph	2.4300	10200.	86	22301	No
16	GOM_NL__2PRFIN20060606_010859_000000572048_00203_22301_0566.N1	06-JUN-2006 01:08:59	Bright	57.000	98	13Zet Oph	2.5710	30000.	114	22301	No
17	GOM_NL__2PRFIN20060606_011107_000000382048_00203_22301_0567.N1	06-JUN-2006 01:11:07	Bright	38.000	120	1Del Oph	2.7340	3200.0	76	22301	No
18	GOM_NL__2PRFIN20060606_011408_000000362048_00203_22301_0568.N1	06-JUN-2006 01:14:08	Bright	35.500	102	24Alp Ser	2.6000	4250.0	71	22301	No
19	GOM_NL__2PRFIN20060606_011854_000000412048_00203_22301_0569.N1	06-JUN-2006 01:18:54	Bright	41.000	127	27Bet Her	2.7810	4700.0	82	22301	No
20	GOM_NL__2PRFIN20060606_012211_000000402048_00203_22301_0570.N1	06-JUN-2006 01:22:11	Bright	39.500	133	40Zet Her	2.8070	6000.0	79	22301	No
21	GOM_NL__2PRFIN20060606_012928_000000392048_00203_22301_0571.N1	06-JUN-2006 01:29:28	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	22301	No
22	GOM_NL__2PRFIN20060606_014555_000000372048_00203_22301_0572.N1	06-JUN-2006 01:45:55	Bright	37.000	76	27Gam Cas	2.3000	30000.	74	22301	No
23	GOM_NL__2PRFIN20060606_015135_000000372048_00203_22301_0573.N1	06-JUN-2006 01:51:35	Bright	36.500	73	57Gam1And	2.2600	13100.	73	22301	No
24	GOM_NL__2PRFIN20060606_015353_000000452048_00203_22301_0574.N1	06-JUN-2006 01:53:53	Bright	45.000	53	43Bet And	2.0480	3300.0	90	22301	No
25	GOM_NL__2PRFIN20060606_015759_000000422048_00203_22301_0575.N1	06-JUN-2006 01:57:59	Twilight	41.500	105	6Bet Ari	2.6450	8900.0	83	22301	No
26	GOM_NL__2PRFIN20060606_021111_000000512048_00203_22301_0576.N1	06-JUN-2006 02:11:11	Dark	50.500	52	16Bet Cet	2.0370	4500.0	101	22301	No
27	GOM_NL__2PRFIN20060606_021748_000000452048_00203_22301_0577.N1	06-JUN-2006 02:17:48	Dark	45.000	84	Alp Phe	2.3970	4500.0	90	22301	No
28	GOM_NL__2PRFIN20060606_022328_000000522048_00204_22302_0557.N1	06-JUN-2006 02:23:28	Dark	51.500	63	Bet Gru	2.1500	2800.0	103	22302	No
29	GOM_NL__2PRFIN20060606_022525_000000472048_00204_22302_0558.N1	06-JUN-2006 02:25:25	Dark	47.000	31	Alp Gru	1.7340	15200.	94	22302	No
30	GOM_NL__2PRFIN20060606_023004_000000412048_00204_22302_0559.N1	06-JUN-2006 02:30:04	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	22302	No
31	GOM_NL__2PRFIN20060606_023712_000000422048_00204_22302_0560.N1	06-JUN-2006 02:37:12	Straylight	42.000	147	Alp Ara	2.8770	26000.	84	22302	No
32	GOM_NL__2PRFIN20060606_023855_000000452048_00204_22302_0561.N1	06-JUN-2006 02:38:55	Straylight	45.000	40	The Sco	1.8590	7100.0	90	22302	No
33	GOM_NL__2PRFIN20060606_024041_000000452048_00204_22302_0562.N1	06-JUN-2006 02:40:41	Tw_and_stray	45.000	25	35Lam Sco	1.6200	28000.	90	22302	No
34	GOM_NL__2PRFIN20060606_024220_000000452048_00204_22302_0563.N1	06-JUN-2006 02:42:20	Tw_and_stray	45.000	75	26Eps Sco	2.2910	4250.0	90	22302	No
35	GOM_NL__2PRFIN20060606_024418_000000382048_00204_22302_0564.N1	06-JUN-2006 02:44:18	Bright	38.000	136	23Tau Sco	2.8220	30000.	76	22302	No
36	GOM_NL__2PRFIN20060606_024747_000000442048_00204_22302_0565.N1	06-JUN-2006 02:47:47	Bright	43.500	86	35Eta Oph	2.4300	10200.	87	22302	No
37	GOM_NL__2PRFIN20060606_024935_000000402048_00204_22302_0566.N1	06-JUN-2006 02:49:35	Bright	39.500	98	13Zet Oph	2.5710	30000.	79	22302	No
38	GOM_NL__2PRFIN20060606_025143_000000382048_00204_22302_0567.N1	06-JUN-2006 02:51:43	Bright	38.000	120	1Del Oph	2.7340	3200.0	76	22302	No
39	GOM_NL__2PRFIN20060606_025444_000000352048_00204_22302_0568.N1	06-JUN-2006 02:54:44	Bright	35.000	102	24Alp Ser	2.6000	4250.0	70	22302	No
40	GOM_NL__2PRFIN20060606_025930_000000412048_00204_22302_0569.N1	06-JUN-2006 02:59:30	Bright	40.500	127	27Bet Her	2.7810	4700.0	81	22302	No
41	GOM_NL__2PRFIN20060606_030247_000000412048_00204_22302_0570.N1	06-JUN-2006 03:02:47	Bright	41.000	133	40Zet Her	2.8070	6000.0	82	22302	No
42	GOM_NL__2PRFIN20060606_031004_000000412048_00204_22302_0571.N1	06-JUN-2006 03:10:04	Bright	41.000	130	23Bet Dra	2.7990	5800.0	82	22302	No

43	GOM_NL__2PRFIN20060606_032630_000000382048_00204_22302_0572.N1	06-JUN-2006 03:26:30	Bright	37.500	76	27Gam Cas	2.3000	30000.	75	22302	No
44	GOM_NL__2PRFIN20060606_033211_000000352048_00204_22302_0573.N1	06-JUN-2006 03:32:11	Bright	34.500	73	57Gam1And	2.2600	13100.	69	22302	No
45	GOM_NL__2PRFIN20060606_033429_000000592048_00204_22302_0574.N1	06-JUN-2006 03:34:29	Bright	59.000	53	43Bet And	2.0480	3300.0	118	22302	No
46	GOM_NL__2PRFIN20060606_033836_000000402048_00204_22302_0575.N1	06-JUN-2006 03:38:36	Twilight	39.500	105	6Bet Ari	2.6450	8900.0	79	22302	No
47	GOM_NL__2PRFIN20060606_035148_000000502048_00204_22302_0576.N1	06-JUN-2006 03:51:48	Dark	49.500	52	16Bet Cet	2.0370	4500.0	99	22302	No
48	GOM_NL__2PRFIN20060606_035825_000000452048_00204_22302_0577.N1	06-JUN-2006 03:58:25	Dark	45.000	84	Alp Phe	2.3970	4500.0	90	22302	No
49	GOM_NL__2PRFIN20060606_040405_000000482048_00205_22303_0557.N1	06-JUN-2006 04:04:05	Dark	47.500	63	Bet Gru	2.1500	2800.0	95	22303	No
50	GOM_NL__2PRFIN20060606_040602_000000482048_00205_22303_0558.N1	06-JUN-2006 04:06:02	Dark	48.000	31	Alp Gru	1.7340	15200.	96	22303	No
51	GOM_NL__2PRFIN20060606_041041_000000432048_00205_22303_0559.N1	06-JUN-2006 04:10:41	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	22303	No
52	GOM_NL__2PRFIN20060606_041748_000000382048_00205_22303_0560.N1	06-JUN-2006 04:17:48	Straylight	38.000	147	Alp Ara	2.8770	26000.	76	22303	No
53	GOM_NL__2PRFIN20060606_041931_000000452048_00205_22303_0561.N1	06-JUN-2006 04:19:31	Straylight	45.000	40	The Sco	1.8590	7100.0	90	22303	No
54	GOM_NL__2PRFIN20060606_042117_000000452048_00205_22303_0562.N1	06-JUN-2006 04:21:17	Tw_i_and_stray	45.000	25	35Lam Sco	1.6200	28000.	90	22303	No
55	GOM_NL__2PRFIN20060606_042256_000000432048_00205_22303_0563.N1	06-JUN-2006 04:22:56	Tw_i_and_stray	43.000	75	26Eps Sco	2.2910	4250.0	86	22303	No
56	GOM_NL__2PRFIN20060606_042454_000000422048_00205_22303_0564.N1	06-JUN-2006 04:24:54	Bright	41.500	136	23Tau Sco	2.8220	30000.	83	22303	No
57	GOM_NL__2PRFIN20060606_042823_000000442048_00205_22303_0565.N1	06-JUN-2006 04:28:23	Bright	43.500	86	35Eta Oph	2.4300	10200.	87	22303	No
58	GOM_NL__2PRFIN20060606_043011_000000402048_00205_22303_0566.N1	06-JUN-2006 04:30:11	Bright	39.500	98	13Zet Oph	2.5710	30000.	79	22303	No
59	GOM_NL__2PRFIN20060606_043220_000000382048_00205_22303_0567.N1	06-JUN-2006 04:32:20	Bright	38.000	120	1Del Oph	2.7340	3200.0	76	22303	No
60	GOM_NL__2PRFIN20060606_043520_000000352048_00205_22303_0568.N1	06-JUN-2006 04:35:20	Bright	35.000	102	24Alp Ser	2.6000	4250.0	70	22303	No
61	GOM_NL__2PRFIN20060606_044005_000000582048_00205_22303_0569.N1	06-JUN-2006 04:40:05	Bright	58.000	127	27Bet Her	2.7810	4700.0	116	22303	No
62	GOM_NL__2PRFIN20060606_044323_000000422048_00205_22303_0570.N1	06-JUN-2006 04:43:23	Bright	42.000	133	40Zet Her	2.8070	6000.0	84	22303	No
63	GOM_NL__2PRFIN20060606_045040_000000432048_00205_22303_0571.N1	06-JUN-2006 04:50:40	Bright	43.000	130	23Bet Dra	2.7990	5800.0	86	22303	No
64	GOM_NL__2PRFIN20060606_050706_000000372048_00205_22303_0572.N1	06-JUN-2006 05:07:06	Bright	36.500	76	27Gam Cas	2.3000	30000.	73	22303	No
65	GOM_NL__2PRFIN20060606_051247_000000382048_00205_22303_0573.N1	06-JUN-2006 05:12:47	Bright	37.500	73	57Gam1And	2.2600	13100.	75	22303	No
66	GOM_NL__2PRFIN20060606_051506_000000502048_00205_22303_0574.N1	06-JUN-2006 05:15:06	Bright	49.500	53	43Bet And	2.0480	3300.0	99	22303	No
67	GOM_NL__2PRFIN20060606_051912_000000422048_00205_22303_0575.N1	06-JUN-2006 05:19:12	Twilight	42.000	105	6Bet Ari	2.6450	8900.0	84	22303	No
68	GOM_NL__2PRFIN20060606_053225_000000502048_00205_22303_0576.N1	06-JUN-2006 05:32:25	Dark	50.000	52	16Bet Cet	2.0370	4500.0	100	22303	No
69	GOM_NL__2PRFIN20060606_053901_000000452048_00205_22303_0577.N1	06-JUN-2006 05:39:01	Dark	44.500	84	Alp Phe	2.3970	4500.0	89	22303	No
70	GOM_NL__2PRFIN20060606_054441_000000482048_00206_22304_0557.N1	06-JUN-2006 05:44:41	Dark	47.500	63	Bet Gru	2.1500	2800.0	95	22304	No
71	GOM_NL__2PRFIN20060606_054639_000000482048_00206_22304_0558.N1	06-JUN-2006 05:46:39	Dark	48.000	31	Alp Gru	1.7340	15200.	96	22304	No
72	GOM_NL__2PRFIN20060606_055118_000000422048_00206_22304_0559.N1	06-JUN-2006 05:51:18	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	22304	No
73	GOM_NL__2PRFIN20060606_055825_000000402048_00206_22304_0560.N1	06-JUN-2006 05:58:25	Straylight	39.500	147	Alp Ara	2.8770	26000.	79	22304	No
74	GOM_NL__2PRFIN20060606_060007_000000432048_00206_22304_0561.N1	06-JUN-2006 06:00:07	Straylight	43.000	40	The Sco	1.8590	7100.0	86	22304	No
75	GOM_NL__2PRFIN20060606_060154_000000472048_00206_22304_0562.N1	06-JUN-2006 06:01:54	Tw_i_and_stray	46.500	25	35Lam Sco	1.6200	28000.	93	22304	No
76	GOM_NL__2PRFIN20060606_060332_000000462048_00206_22304_0563.N1	06-JUN-2006 06:03:32	Tw_i_and_stray	46.000	75	26Eps Sco	2.2910	4250.0	92	22304	No
77	GOM_NL__2PRFIN20060606_060530_000000422048_00206_22304_0564.N1	06-JUN-2006 06:05:30	Bright	41.500	136	23Tau Sco	2.8220	30000.	83	22304	No
78	GOM_NL__2PRFIN20060606_060859_000000412048_00206_22304_0565.N1	06-JUN-2006 06:08:59	Bright	41.000	86	35Eta Oph	2.4300	10200.	82	22304	No
79	GOM_NL__2PRFIN20060606_061047_000000392048_00206_22304_0566.N1	06-JUN-2006 06:10:47	Bright	39.000	98	13Zet Oph	2.5710	30000.	78	22304	No
80	GOM_NL__2PRFIN20060606_061256_000000382048_00206_22304_0567.N1	06-JUN-2006 06:12:56	Bright	37.500	120	1Del Oph	2.7340	3200.0	75	22304	No
81	GOM_NL__2PRFIN20060606_061556_000000362048_00206_22304_0568.N1	06-JUN-2006 06:15:56	Bright	35.500	102	24Alp Ser	2.6000	4250.0	71	22304	No
82	GOM_NL__2PRFIN20060606_062041_000000582048_00206_22304_0569.N1	06-JUN-2006 06:20:41	Bright	58.000	127	27Bet Her	2.7810	4700.0	116	22304	No
83	GOM_NL__2PRFIN20060606_062358_000000392048_00206_22304_0570.N1	06-JUN-2006 06:23:58	Bright	38.500	133	40Zet Her	2.8070	6000.0	77	22304	No
84	GOM_NL__2PRFIN20060606_063115_000000422048_00206_22304_0571.N1	06-JUN-2006 06:31:15	Bright	41.500	130	23Bet Dra	2.7990	5800.0	83	22304	No
85	GOM_NL__2PRFIN20060606_064742_000000572048_00206_22304_0572.N1	06-JUN-2006 06:47:42	Bright	57.000	76	27Gam Cas	2.3000	30000.	114	22304	No
86	GOM_NL__2PRFIN20060606_065323_000000402048_00206_22304_0573.N1	06-JUN-2006 06:53:23	Bright	39.500	73	57Gam1And	2.2600	13100.	79	22304	No
87	GOM_NL__2PRFIN20060606_065542_000000512048_00206_22304_0574.N1	06-JUN-2006 06:55:42	Bright	50.500	53	43Bet And	2.0480	3300.0	101	22304	No
88	GOM_NL__2PRFIN20060606_065948_000000422048_00206_22304_0575.N1	06-JUN-2006 06:59:48	Twilight	42.000	105	6Bet Ari	2.6450	8900.0	84	22304	No
89	GOM_NL__2PRFIN20060606_071302_000000502048_00206_22304_0576.N1	06-JUN-2006 07:13:02	Dark	49.500	52	16Bet Cet	2.0370	4500.0	99	22304	No
90	GOM_NL__2PRFIN20060606_071938_000000462048_00206_22304_0577.N1	06-JUN-2006 07:19:38	Dark	46.000	84	Alp Phe	2.3970	4500.0	92	22304	No
91	GOM_NL__2PRFIN20060606_072518_000000642048_00207_22305_0557.N1	06-JUN-2006 07:25:18	Dark	64.000	63	Bet Gru	2.1500	2800.0	128	22305	No
92	GOM_NL__2PRFIN20060606_072716_000000482048_00207_22305_0558.N1	06-JUN-2006 07:27:16	Dark	47.500	31	Alp Gru	1.7340	15200.	95	22305	No
93	GOM_NL__2PRFIN20060606_073154_000000402048_00207_22305_0559.N1	06-JUN-2006 07:31:54	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	22305	No
94	GOM_NL__2PRFIN20060606_073901_000000402048_00207_22305_0560.N1	06-JUN-2006 07:39:01	Straylight	39.500	147	Alp Ara	2.8770	26000.	79	22305	No
95	GOM_NL__2PRFIN20060606_074044_000000472048_00207_22305_0561.N1	06-JUN-2006 07:40:44	Straylight	46.500	40	The Sco	1.8590	7100.0	93	22305	No
96	GOM_NL__2PRFIN20060606_074230_000000472048_00207_22305_0562.N1	06-JUN-2006 07:42:30	Tw_i_and_stray	47.000	25	35Lam Sco	1.6200	28000.	94	22305	No
97	GOM_NL__2PRFIN20060606_074408_000000452048_00207_22305_0563.N1	06-JUN-2006 07:44:08	Tw_i_and_stray	45.000	75	26Eps Sco	2.2910	4250.0	90	22305	No
98	GOM_NL__2PRFIN20060606_074606_000000392048_00207_22305_0564.N1	06-JUN-2006 07:46:06	Bright	39.000	136	23Tau Sco	2.8220	30000.	78	22305	No
99	GOM_NL__2PRFIN20060606_074935_000000432048_00207_22305_0565.N1	06-JUN-2006 07:49:35	Bright	42.500	86	35Eta Oph	2.4300	10200.	85	22305	No
100	GOM_NL__2PRFIN20060606_075123_000000392048_00207_22305_0566.N1	06-JUN-2006 07:51:23	Bright	39.000	98	13Zet Oph	2.5710	30000.	78	22305	No
101	GOM_NL__2PRFIN20060606_075332_000000382048_00207_22305_0567.N1	06-JUN-2006 07:53:32	Bright	37.500	120	1Del Oph	2.7340	3200.0	75	22305	No

102	GOM_NL__2PRFIN20060606_075632_000000362048_00207_22305_0568.N1	06-JUN-2006 07:56:32	Bright	35.500	102	24Alp Ser	2.6000	4250.0	71	22305	No
103	GOM_NL__2PRFIN20060606_080117_000000582048_00207_22305_0569.N1	06-JUN-2006 08:01:17	Bright	58.000	127	27Bet Her	2.7810	4700.0	116	22305	No
104	GOM_NL__2PRFIN20060606_080434_000000392048_00207_22305_0570.N1	06-JUN-2006 08:04:34	Bright	39.000	133	40Zet Her	2.8070	6000.0	78	22305	No
105	GOM_NL__2PRFIN20060606_081150_000000432048_00207_22305_0571.N1	06-JUN-2006 08:11:50	Bright	42.500	130	23Bet Dra	2.7990	5800.0	85	22305	No
106	GOM_NL__2PRFIN20060606_082818_000000432048_00207_22305_0572.N1	06-JUN-2006 08:28:18	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	22305	No
107	GOM_NL__2PRFIN20060606_083359_000000372048_00207_22305_0573.N1	06-JUN-2006 08:33:59	Bright	37.000	73	57Gam1And	2.2600	13100.	74	22305	No
108	GOM_NL__2PRFIN20060606_083618_000000492048_00207_22305_0574.N1	06-JUN-2006 08:36:18	Bright	49.000	53	43Bet And	2.0480	3300.0	98	22305	No
109	GOM_NL__2PRFIN20060606_084024_000000412048_00207_22305_0575.N1	06-JUN-2006 08:40:24	Twilight	41.000	105	6Bet Ari	2.6450	8900.0	82	22305	No
110	GOM_NL__2PRFIN20060606_085338_000000512048_00207_22305_0576.N1	06-JUN-2006 08:53:38	Dark	50.500	52	16Bet Cet	2.0370	4500.0	101	22305	No
111	GOM_NL__2PRFIN20060606_090014_000000412048_00207_22305_0577.N1	06-JUN-2006 09:00:14	Dark	41.000	84	Alp Phe	2.3970	4500.0	82	22305	No
112	GOM_NL__2PRFIN20060606_090555_000000632048_00208_22306_0557.N1	06-JUN-2006 09:05:55	Dark	62.500	63	Bet Gru	2.1500	2800.0	125	22306	No
113	GOM_NL__2PRFIN20060606_090753_000000462048_00208_22306_0558.N1	06-JUN-2006 09:07:53	Dark	46.000	31	Alp Gru	1.7340	15200.	92	22306	No
114	GOM_NL__2PRFIN20060606_091231_000000432048_00208_22306_0559.N1	06-JUN-2006 09:12:31	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	22306	No
115	GOM_NL__2PRFIN20060606_091937_000000392048_00208_22306_0560.N1	06-JUN-2006 09:19:37	Straylight	39.000	147	Alp Ara	2.8770	26000.	78	22306	No
116	GOM_NL__2PRFIN20060606_092120_000000472048_00208_22306_0561.N1	06-JUN-2006 09:21:20	Straylight	46.500	40	The Sco	1.8590	7100.0	93	22306	No
117	GOM_NL__2PRFIN20060606_092306_000000452048_00208_22306_0562.N1	06-JUN-2006 09:23:06	Twi_and_stray	45.000	25	35Lam Sco	1.6200	28000.	90	22306	No
118	GOM_NL__2PRFIN20060606_092445_000000492048_00208_22306_0563.N1	06-JUN-2006 09:24:45	Twi_and_stray	48.500	75	26Eps Sco	2.2910	4250.0	97	22306	No
119	GOM_NL__2PRFIN20060606_092642_000000552048_00208_22306_0564.N1	06-JUN-2006 09:26:42	Bright	55.000	136	23Tau Sco	2.8220	30000.	110	22306	No
120	GOM_NL__2PRFIN20060606_093011_000000432048_00208_22306_0565.N1	06-JUN-2006 09:30:11	Bright	42.500	86	35Eta Oph	2.4300	10200.	85	22306	No
121	GOM_NL__2PRFIN20060606_093159_000000392048_00208_22306_0566.N1	06-JUN-2006 09:31:59	Bright	39.000	98	13Zet Oph	2.5710	30000.	78	22306	No
122	GOM_NL__2PRFIN20060606_093407_000000382048_00208_22306_0567.N1	06-JUN-2006 09:34:07	Bright	38.000	120	1Del Oph	2.7340	3200.0	76	22306	No
123	GOM_NL__2PRFIN20060606_093708_000000352048_00208_22306_0568.N1	06-JUN-2006 09:37:08	Bright	35.000	102	24Alp Ser	2.6000	4250.0	70	22306	No
124	GOM_NL__2PRFIN20060606_094153_000000382048_00208_22306_0569.N1	06-JUN-2006 09:41:53	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	22306	No
125	GOM_NL__2PRFIN20060606_094509_000000422048_00208_22306_0570.N1	06-JUN-2006 09:45:09	Bright	41.500	133	40Zet Her	2.8070	6000.0	83	22306	No
126	GOM_NL__2PRFIN20060606_095226_000000422048_00208_22306_0571.N1	06-JUN-2006 09:52:26	Bright	42.000	130	23Bet Dra	2.7990	5800.0	84	22306	No
127	GOM_NL__2PRFIN20060606_100854_000000402048_00208_22306_0572.N1	06-JUN-2006 10:08:54	Bright	39.500	76	27Gam Cas	2.3000	30000.	79	22306	No
128	GOM_NL__2PRFIN20060606_101435_000000352048_00208_22306_0573.N1	06-JUN-2006 10:14:35	Bright	35.000	73	57Gam1And	2.2600	13100.	70	22306	No
129	GOM_NL__2PRFIN20060606_101654_000000472048_00208_22306_0574.N1	06-JUN-2006 10:16:54	Bright	47.000	53	43Bet And	2.0480	3300.0	94	22306	No
130	GOM_NL__2PRFIN20060606_102101_000000412048_00208_22306_0575.N1	06-JUN-2006 10:21:01	Twilight	41.000	105	6Bet Ari	2.6450	8900.0	82	22306	No
131	GOM_NL__2PRFIN20060606_103415_000000502048_00208_22306_0576.N1	06-JUN-2006 10:34:15	Dark	49.500	52	16Bet Cet	2.0370	4500.0	99	22306	No
132	GOM_NL__2PRFIN20060606_104051_000000482048_00208_22306_0577.N1	06-JUN-2006 10:40:51	Dark	48.000	84	Alp Phe	2.3970	4500.0	96	22306	No
133	GOM_NL__2PRFIN20060606_104632_000000502048_00209_22307_0557.N1	06-JUN-2006 10:46:32	Dark	50.000	63	Bet Gru	2.1500	2800.0	100	22307	No
134	GOM_NL__2PRFIN20060606_104830_000000472048_00209_22307_0558.N1	06-JUN-2006 10:48:30	Dark	47.000	31	Alp Gru	1.7340	15200.	94	22307	No
135	GOM_NL__2PRFIN20060606_105308_000000432048_00209_22307_0559.N1	06-JUN-2006 10:53:08	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	22307	No
136	GOM_NL__2PRFIN20060606_110013_000000402048_00209_22307_0560.N1	06-JUN-2006 11:00:13	Straylight	40.000	147	Alp Ara	2.8770	26000.	80	22307	No
137	GOM_NL__2PRFIN20060606_110156_000000482048_00209_22307_0561.N1	06-JUN-2006 11:01:56	Straylight	47.500	40	The Sco	1.8590	7100.0	95	22307	No
138	GOM_NL__2PRFIN20060606_110342_000000452048_00209_22307_0562.N1	06-JUN-2006 11:03:42	Twi_and_stray	45.000	25	35Lam Sco	1.6200	28000.	90	22307	No
139	GOM_NL__2PRFIN20060606_110521_000000462048_00209_22307_0563.N1	06-JUN-2006 11:05:21	Twi_and_stray	45.500	75	26Eps Sco	2.2910	4250.0	91	22307	No
140	GOM_NL__2PRFIN20060606_110719_000000442048_00209_22307_0564.N1	06-JUN-2006 11:07:19	Bright	43.500	136	23Tau Sco	2.8220	30000.	87	22307	No
141	GOM_NL__2PRFIN20060606_111235_000000402048_00209_22307_0565.N1	06-JUN-2006 11:12:35	Bright	39.500	98	13Zet Oph	2.5710	30000.	79	22307	No
142	GOM_NL__2PRFIN20060606_111443_000000382048_00209_22307_0566.N1	06-JUN-2006 11:14:43	Bright	38.000	120	1Del Oph	2.7340	3200.0	76	22307	No
143	GOM_NL__2PRFIN20060606_111744_000000362048_00209_22307_0567.N1	06-JUN-2006 11:17:44	Bright	35.500	102	24Alp Ser	2.6000	4250.0	71	22307	No
144	GOM_NL__2PRFIN20060606_112228_000000402048_00209_22307_0568.N1	06-JUN-2006 11:22:28	Bright	39.500	127	27Bet Her	2.7810	4700.0	79	22307	No
145	GOM_NL__2PRFIN20060606_112545_000000582048_00209_22307_0569.N1	06-JUN-2006 11:25:45	Bright	57.500	133	40Zet Her	2.8070	6000.0	115	22307	No
146	GOM_NL__2PRFIN20060606_113301_000000432048_00209_22307_0570.N1	06-JUN-2006 11:33:01	Bright	43.000	130	23Bet Dra	2.7990	5800.0	86	22307	No
147	GOM_NL__2PRFIN20060606_114930_000000372048_00209_22307_0571.N1	06-JUN-2006 11:49:30	Bright	37.000	76	27Gam Cas	2.3000	30000.	74	22307	No
148	GOM_NL__2PRFIN20060606_115511_000000542048_00209_22307_0572.N1	06-JUN-2006 11:55:11	Bright	54.000	73	57Gam1And	2.2600	13100.	108	22307	No
149	GOM_NL__2PRFIN20060606_115730_000000492048_00209_22307_0573.N1	06-JUN-2006 11:57:30	Bright	49.000	53	43Bet And	2.0480	3300.0	98	22307	No
150	GOM_NL__2PRFIN20060606_120137_000000422048_00209_22307_0574.N1	06-JUN-2006 12:01:37	Twilight	41.500	105	6Bet Ari	2.6450	8900.0	83	22307	No
151	GOM_NL__2PRFIN20060606_121451_000000492048_00209_22307_0575.N1	06-JUN-2006 12:14:51	Dark	49.000	52	16Bet Cet	2.0370	4500.0	98	22307	No
152	GOM_NL__2PRFIN20060606_122127_000000402048_00209_22307_0576.N1	06-JUN-2006 12:21:27	Dark	39.500	84	Alp Phe	2.3970	4500.0	79	22307	No
153	GOM_NL__2PRFIN20060606_122709_000000482048_00210_22308_0557.N1	06-JUN-2006 12:27:09	Dark	48.000	63	Bet Gru	2.1500	2800.0	96	22308	No
154	GOM_NL__2PRFIN20060606_122907_000000512048_00210_22308_0558.N1	06-JUN-2006 12:29:07	Dark	51.000	31	Alp Gru	1.7340	15200.	102	22308	No
155	GOM_NL__2PRFIN20060606_123344_000000432048_00210_22308_0559.N1	06-JUN-2006 12:33:44	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	22308	No
156	GOM_NL__2PRFIN20060606_124050_000000392048_00210_22308_0560.N1	06-JUN-2006 12:40:50	Straylight	39.000	147	Alp Ara	2.8770	26000.	78	22308	No
157	GOM_NL__2PRFIN20060606_124233_000000462048_00210_22308_0561.N1	06-JUN-2006 12:42:33	Straylight	46.000	40	The Sco	1.8590	7100.0	92	22308	No
158	GOM_NL__2PRFIN20060606_124419_000000472048_00210_22308_0562.N1	06-JUN-2006 12:44:19	Twi_and_stray	46.500	25	35Lam Sco	1.6200	28000.	93	22308	No
159	GOM_NL__2PRFIN20060606_124557_000000452048_00210_22308_0563.N1	06-JUN-2006 12:45:57	Twi_and_stray	45.000	75	26Eps Sco	2.2910	4250.0	90	22308	No
160	GOM_NL__2PRFIN20060606_124755_000000422048_00210_22308_0564.N1	06-JUN-2006 12:47:55	Bright	41.500	136	23Tau Sco	2.8220	30000.	83	22308	No



161	GOM_NL__2PRFIN20060606_125123_000000412048_00210_22308_0565.N1	06-JUN-2006 12:51:23	Bright	40.500	86	35Eta Oph	2.4300	10200.	81	22308	No
162	GOM_NL__2PRFIN20060606_125311_000000392048_00210_22308_0566.N1	06-JUN-2006 12:53:11	Bright	39.000	98	13Zet Oph	2.5710	30000.	78	22308	No
163	GOM_NL__2PRFIN20060606_125519_000000382048_00210_22308_0567.N1	06-JUN-2006 12:55:19	Bright	37.500	120	1Del Oph	2.7340	3200.0	75	22308	No
164	GOM_NL__2PRFIN20060606_130304_000000392048_00210_22308_0568.N1	06-JUN-2006 13:03:04	Bright	39.000	127	27Bet Her	2.7810	4700.0	78	22308	No
165	GOM_NL__2PRFIN20060606_130620_000000412048_00210_22308_0569.N1	06-JUN-2006 13:06:20	Bright	41.000	133	40Zet Her	2.8070	6000.0	82	22308	No
166	GOM_NL__2PRFIN20060606_131336_000000422048_00210_22308_0570.N1	06-JUN-2006 13:13:36	Bright	42.000	130	23Bet Dra	2.7990	5800.0	84	22308	No
167	GOM_NL__2PRFIN20060606_133005_000000372048_00210_22308_0571.N1	06-JUN-2006 13:30:05	Bright	36.500	76	27Gam Cas	2.3000	30000.	73	22308	No
168	GOM_NL__2PRFIN20060606_133547_000000542048_00210_22308_0572.N1	06-JUN-2006 13:35:47	Bright	54.000	73	57Gam1And	2.2600	13100.	108	22308	No
169	GOM_NL__2PRFIN20060606_133806_000000492048_00210_22308_0573.N1	06-JUN-2006 13:38:06	Bright	49.000	53	43Bet And	2.0480	3300.0	98	22308	No
170	GOM_NL__2PRFIN20060606_134213_000000442048_00210_22308_0574.N1	06-JUN-2006 13:42:13	Twilight	43.500	105	6Bet Ari	2.6450	8900.0	87	22308	No
171	GOM_NL__2PRFIN20060606_135528_000000512048_00210_22308_0575.N1	06-JUN-2006 13:55:28	Dark	50.500	52	16Bet Cet	2.0370	4500.0	101	22308	No
172	GOM_NL__2PRFIN20060606_140204_000000482048_00210_22308_0576.N1	06-JUN-2006 14:02:04	Dark	47.500	84	Alp Phe	2.3970	4500.0	95	22308	No
173	GOM_NL__2PRFIN20060606_140746_000000552048_00211_22309_0557.N1	06-JUN-2006 14:07:46	Dark	55.000	63	Bet Gru	2.1500	2800.0	110	22309	No
174	GOM_NL__2PRFIN20060606_140944_000000482048_00211_22309_0558.N1	06-JUN-2006 14:09:44	Dark	48.000	31	Alp Gru	1.7340	15200.	96	22309	No
175	GOM_NL__2PRFIN20060606_141421_000000422048_00211_22309_0559.N1	06-JUN-2006 14:14:21	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	22309	No
176	GOM_NL__2PRFIN20060606_142126_000000382048_00211_22309_0560.N1	06-JUN-2006 14:21:26	Straylight	38.000	147	Alp Ara	2.8770	26000.	76	22309	No
177	GOM_NL__2PRFIN20060606_142309_000000432048_00211_22309_0561.N1	06-JUN-2006 14:23:09	Straylight	42.500	40	The Sco	1.8590	7100.0	85	22309	No
178	GOM_NL__2PRFIN20060606_142455_000000462048_00211_22309_0562.N1	06-JUN-2006 14:24:55	Twilight	45.500	25	35Lam Sco	1.6200	28000.	91	22309	No
179	GOM_NL__2PRFIN20060606_142633_000000452048_00211_22309_0563.N1	06-JUN-2006 14:26:33	Twilight	44.500	75	26Eps Sco	2.2910	4250.0	89	22309	No
180	GOM_NL__2PRFIN20060606_142831_000000482048_00211_22309_0564.N1	06-JUN-2006 14:28:31	Bright	48.000	136	23Tau Sco	2.8220	30000.	96	22309	No
181	GOM_NL__2PRFIN20060606_143159_000000432048_00211_22309_0565.N1	06-JUN-2006 14:31:59	Bright	42.500	86	35Eta Oph	2.4300	10200.	85	22309	No
182	GOM_NL__2PRFIN20060606_143347_000000382048_00211_22309_0566.N1	06-JUN-2006 14:33:47	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	22309	No
183	GOM_NL__2PRFIN20060606_143555_000000382048_00211_22309_0567.N1	06-JUN-2006 14:35:55	Bright	37.500	120	1Del Oph	2.7340	3200.0	75	22309	No
184	GOM_NL__2PRFIN20060606_144339_000000402048_00211_22309_0568.N1	06-JUN-2006 14:43:39	Bright	39.500	127	27Bet Her	2.7810	4700.0	79	22309	No
185	GOM_NL__2PRFIN20060606_144656_000000402048_00211_22309_0569.N1	06-JUN-2006 14:46:56	Bright	40.000	133	40Zet Her	2.8070	6000.0	80	22309	No
186	GOM_NL__2PRFIN20060606_145412_000000432048_00211_22309_0570.N1	06-JUN-2006 14:54:12	Bright	43.000	130	23Bet Dra	2.7990	5800.0	86	22309	No
187	GOM_NL__2PRFIN20060606_151041_000000362048_00211_22309_0571.N1	06-JUN-2006 15:10:41	Bright	36.000	76	27Gam Cas	2.3000	30000.	72	22309	No
188	GOM_NL__2PRFIN20060606_151623_000000442048_00211_22309_0572.N1	06-JUN-2006 15:16:23	Bright	44.000	73	57Gam1And	2.2600	13100.	88	22309	No
189	GOM_NL__2PRFIN20060606_151842_000000482048_00211_22309_0573.N1	06-JUN-2006 15:18:42	Bright	48.000	53	43Bet And	2.0480	3300.0	96	22309	No
190	GOM_NL__2PRFIN20060606_152249_000000422048_00211_22309_0574.N1	06-JUN-2006 15:22:49	Twilight	41.500	105	6Bet Ari	2.6450	8900.0	83	22309	No
191	GOM_NL__2PRFIN20060606_153605_000000492048_00211_22309_0575.N1	06-JUN-2006 15:36:05	Dark	48.500	52	16Bet Cet	2.0370	4500.0	97	22309	No
192	GOM_NL__2PRFIN20060606_154241_000000442048_00211_22309_0576.N1	06-JUN-2006 15:42:41	Dark	44.000	84	Alp Phe	2.3970	4500.0	88	22309	No
193	GOM_NL__2PRFIN20060606_154822_000000492048_00212_22310_0557.N1	06-JUN-2006 15:48:22	Dark	48.500	63	Bet Gru	2.1500	2800.0	97	22310	No
194	GOM_NL__2PRFIN20060606_155020_000000482048_00212_22310_0558.N1	06-JUN-2006 15:50:20	Dark	47.500	31	Alp Gru	1.7340	15200.	95	22310	No
195	GOM_NL__2PRFIN20060606_155457_000000422048_00212_22310_0559.N1	06-JUN-2006 15:54:57	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	22310	No
196	GOM_NL__2PRFIN20060606_160202_000000382048_00212_22310_0560.N1	06-JUN-2006 16:02:02	Straylight	38.000	147	Alp Ara	2.8770	26000.	76	22310	No
197	GOM_NL__2PRFIN20060606_160345_000000472048_00212_22310_0561.N1	06-JUN-2006 16:03:45	Straylight	46.500	40	The Sco	1.8590	7100.0	93	22310	No
198	GOM_NL__2PRFIN20060606_160531_000000422048_00212_22310_0562.N1	06-JUN-2006 16:05:31	Twilight	41.500	25	35Lam Sco	1.6200	28000.	83	22310	No
199	GOM_NL__2PRFIN20060606_160709_000000462048_00212_22310_0563.N1	06-JUN-2006 16:07:09	Twilight	45.500	75	26Eps Sco	2.2910	4250.0	91	22310	No
200	GOM_NL__2PRFIN20060606_160907_000000442048_00212_22310_0564.N1	06-JUN-2006 16:09:07	Bright	44.000	136	23Tau Sco	2.8220	30000.	88	22310	No
201	GOM_NL__2PRFIN20060606_161235_000000432048_00212_22310_0565.N1	06-JUN-2006 16:12:35	Bright	42.500	86	35Eta Oph	2.4300	10200.	85	22310	No
202	GOM_NL__2PRFIN20060606_161423_000000382048_00212_22310_0566.N1	06-JUN-2006 16:14:23	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	22310	No
203	GOM_NL__2PRFIN20060606_161631_000000382048_00212_22310_0567.N1	06-JUN-2006 16:16:31	Bright	37.500	120	1Del Oph	2.7340	3200.0	75	22310	No
204	GOM_NL__2PRFIN20060606_162415_000000392048_00212_22310_0568.N1	06-JUN-2006 16:24:15	Bright	38.500	127	27Bet Her	2.7810	4700.0	77	22310	No
205	GOM_NL__2PRFIN20060606_162732_000000422048_00212_22310_0569.N1	06-JUN-2006 16:27:32	Bright	41.500	133	40Zet Her	2.8070	6000.0	83	22310	No
206	GOM_NL__2PRFIN20060606_163447_000000442048_00212_22310_0570.N1	06-JUN-2006 16:34:47	Bright	43.500	130	23Bet Dra	2.7990	5800.0	87	22310	No
207	GOM_NL__2PRFIN20060606_165117_000000452048_00212_22310_0571.N1	06-JUN-2006 16:51:17	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	22310	No
208	GOM_NL__2PRFIN20060606_165659_000000362048_00212_22310_0572.N1	06-JUN-2006 16:56:59	Bright	35.500	73	57Gam1And	2.2600	13100.	71	22310	No
209	GOM_NL__2PRFIN20060606_165918_000000492048_00212_22310_0573.N1	06-JUN-2006 16:59:18	Bright	48.500	53	43Bet And	2.0480	3300.0	97	22310	No
210	GOM_NL__2PRFIN20060606_170325_000000402048_00212_22310_0574.N1	06-JUN-2006 17:03:25	Twilight	40.000	105	6Bet Ari	2.6450	8900.0	80	22310	No
211	GOM_NL__2PRFIN20060606_171642_000000492048_00212_22310_0575.N1	06-JUN-2006 17:16:42	Dark	48.500	52	16Bet Cet	2.0370	4500.0	97	22310	No
212	GOM_NL__2PRFIN20060606_172317_000000452048_00212_22310_0576.N1	06-JUN-2006 17:23:17	Dark	45.000	84	Alp Phe	2.3970	4500.0	90	22310	No
213	GOM_NL__2PRFIN20060606_172859_000000492048_00213_22311_0577.N1	06-JUN-2006 17:28:59	Dark	49.000	63	Bet Gru	2.1500	2800.0	98	22311	No
214	GOM_NL__2PRFIN20060606_173058_000000482048_00213_22311_0578.N1	06-JUN-2006 17:30:58	Dark	47.500	31	Alp Gru	1.7340	15200.	95	22311	No
215	GOM_NL__2PRFIN20060606_173534_000000432048_00213_22311_0579.N1	06-JUN-2006 17:35:34	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	22311	No
216	GOM_NL__2PRFIN20060606_174239_000000382048_00213_22311_0580.N1	06-JUN-2006 17:42:39	Straylight	38.000	147	Alp Ara	2.8770	26000.	76	22311	No
217	GOM_NL__2PRFIN20060606_174422_000000482048_00213_22311_0581.N1	06-JUN-2006 17:44:22	Straylight	47.500	40	The Sco	1.8590	7100.0	95	22311	No
218	GOM_NL__2PRFIN20060606_174608_000000462048_00213_22311_0582.N1	06-JUN-2006 17:46:08	Twilight	46.000	25	35Lam Sco	1.6200	28000.	92	22311	No
219	GOM_NL__2PRFIN20060606_174746_000000442048_00213_22311_0583.N1	06-JUN-2006 17:47:46	Twilight	43.500	75	26Eps Sco	2.2910	4250.0	87	22311	No

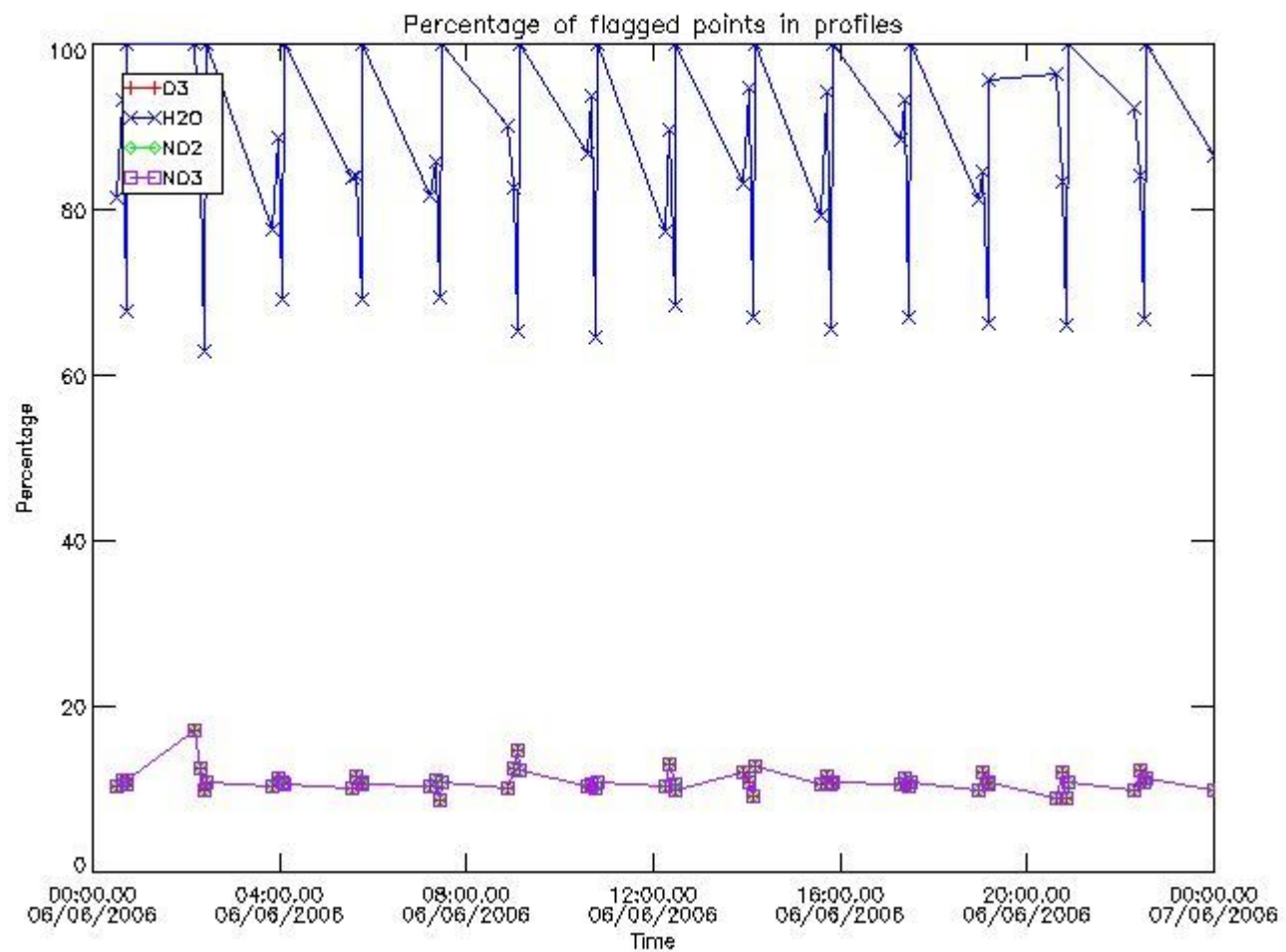
220	GOM_NL__2PRFIN20060606_174943_000000432048_00213_22311_0584.N1	06-JUN-2006 17:49:43	Bright	43.000	136	23Tau Sco	2.8220	30000.	86	22311	No
221	GOM_NL__2PRFIN20060606_175311_000000432048_00213_22311_0585.N1	06-JUN-2006 17:53:11	Bright	43.000	86	35Eta Oph	2.4300	10200.	86	22311	No
222	GOM_NL__2PRFIN20060606_175459_000000402048_00213_22311_0586.N1	06-JUN-2006 17:54:59	Bright	39.500	98	13Zet Oph	2.5710	30000.	79	22311	No
223	GOM_NL__2PRFIN20060606_175708_000000382048_00213_22311_0587.N1	06-JUN-2006 17:57:08	Bright	38.000	120	1Del Oph	2.7340	3200.0	76	22311	No
224	GOM_NL__2PRFIN20060606_180451_000000412048_00213_22311_0588.N1	06-JUN-2006 18:04:51	Bright	40.500	127	27Bet Her	2.7810	4700.0	81	22311	No
225	GOM_NL__2PRFIN20060606_180807_000000402048_00213_22311_0589.N1	06-JUN-2006 18:08:07	Bright	40.000	133	40Zet Her	2.8070	6000.0	80	22311	No
226	GOM_NL__2PRFIN20060606_181523_000000442048_00213_22311_0590.N1	06-JUN-2006 18:15:23	Bright	44.000	130	23Bet Dra	2.7990	5800.0	88	22311	No
227	GOM_NL__2PRFIN20060606_183153_000000362048_00213_22311_0591.N1	06-JUN-2006 18:31:53	Bright	36.000	76	27Gam Cas	2.3000	30000.	72	22311	No
228	GOM_NL__2PRFIN20060606_183735_000000362048_00213_22311_0592.N1	06-JUN-2006 18:37:35	Bright	36.000	73	57Gam1And	2.2600	13100.	72	22311	No
229	GOM_NL__2PRFIN20060606_183954_000000472048_00213_22311_0593.N1	06-JUN-2006 18:39:54	Bright	46.500	53	43Bet And	2.0480	3300.0	93	22311	No
230	GOM_NL__2PRFIN20060606_184401_000000452048_00213_22311_0594.N1	06-JUN-2006 18:44:01	Twilight	44.500	105	6Bet Ari	2.6450	8900.0	89	22311	No
231	GOM_NL__2PRFIN20060606_185719_000000512048_00213_22311_0595.N1	06-JUN-2006 18:57:19	Dark	51.000	52	16Bet Cet	2.0370	4500.0	102	22311	No
232	GOM_NL__2PRFIN20060606_190354_000000432048_00213_22311_0596.N1	06-JUN-2006 19:03:54	Dark	42.500	84	Alp Phe	2.3970	4500.0	85	22311	No
233	GOM_NL__2PRFIN20060606_190936_000000482048_00214_22312_0577.N1	06-JUN-2006 19:09:36	Dark	48.000	63	Bet Gru	2.1500	2800.0	96	22312	No
234	GOM_NL__2PRFIN20060606_191134_000000472048_00214_22312_0578.N1	06-JUN-2006 19:11:34	Dark	46.500	31	Alp Gru	1.7340	15200.	93	22312	No
235	GOM_NL__2PRFIN20060606_191611_000000422048_00214_22312_0579.N1	06-JUN-2006 19:16:11	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	22312	No
236	GOM_NL__2PRFIN20060606_192315_000000382048_00214_22312_0580.N1	06-JUN-2006 19:23:15	Straylight	37.500	147	Alp Ara	2.8770	26000.	75	22312	No
237	GOM_NL__2PRFIN20060606_192458_000000432048_00214_22312_0581.N1	06-JUN-2006 19:24:58	Straylight	42.500	40	The Sco	1.8590	7100.0	85	22312	No
238	GOM_NL__2PRFIN20060606_192644_000000462048_00214_22312_0582.N1	06-JUN-2006 19:26:44	Twilight	46.000	25	35Lam Sco	1.6200	28000.	92	22312	No
239	GOM_NL__2PRFIN20060606_192822_000000452048_00214_22312_0583.N1	06-JUN-2006 19:28:22	Twilight	45.000	75	26Eps Sco	2.2910	4250.0	90	22312	No
240	GOM_NL__2PRFIN20060606_193116_000000442048_00214_22312_0584.N1	06-JUN-2006 19:31:16	Bright	43.500	156	20Sig Sco	2.9030	28000.	87	22312	No
241	GOM_NL__2PRFIN20060606_193347_000000422048_00214_22312_0585.N1	06-JUN-2006 19:33:47	Bright	42.000	86	35Eta Oph	2.4300	10200.	84	22312	No
242	GOM_NL__2PRFIN20060606_193535_000000402048_00214_22312_0586.N1	06-JUN-2006 19:35:35	Bright	39.500	98	13Zet Oph	2.5710	30000.	79	22312	No
243	GOM_NL__2PRFIN20060606_193744_000000382048_00214_22312_0587.N1	06-JUN-2006 19:37:44	Bright	38.000	120	1Del Oph	2.7340	3200.0	76	22312	No
244	GOM_NL__2PRFIN20060606_194527_000000402048_00214_22312_0588.N1	06-JUN-2006 19:45:27	Bright	39.500	127	27Bet Her	2.7810	4700.0	79	22312	No
245	GOM_NL__2PRFIN20060606_194843_000000402048_00214_22312_0589.N1	06-JUN-2006 19:48:43	Bright	40.000	133	40Zet Her	2.8070	6000.0	80	22312	No
246	GOM_NL__2PRFIN20060606_195558_000000432048_00214_22312_0590.N1	06-JUN-2006 19:55:58	Bright	43.000	130	23Bet Dra	2.7990	5800.0	86	22312	No
247	GOM_NL__2PRFIN20060606_201229_000000382048_00214_22312_0591.N1	06-JUN-2006 20:12:29	Bright	38.000	76	27Gam Cas	2.3000	30000.	76	22312	No
248	GOM_NL__2PRFIN20060606_201811_000000362048_00214_22312_0592.N1	06-JUN-2006 20:18:11	Bright	36.000	73	57Gam1And	2.2600	13100.	72	22312	No
249	GOM_NL__2PRFIN20060606_202030_000000502048_00214_22312_0593.N1	06-JUN-2006 20:20:30	Bright	50.000	53	43Bet And	2.0480	3300.0	100	22312	No
250	GOM_NL__2PRFIN20060606_202438_000000422048_00214_22312_0594.N1	06-JUN-2006 20:24:38	Twilight	41.500	105	6Bet Ari	2.6450	8900.0	83	22312	No
251	GOM_NL__2PRFIN20060606_203755_000000582048_00214_22312_0595.N1	06-JUN-2006 20:37:55	Dark	57.500	52	16Bet Cet	2.0370	4500.0	115	22312	No
252	GOM_NL__2PRFIN20060606_204430_000000432048_00214_22312_0596.N1	06-JUN-2006 20:44:30	Dark	42.500	84	Alp Phe	2.3970	4500.0	85	22312	No
253	GOM_NL__2PRFIN20060606_205013_000000572048_00215_22313_0577.N1	06-JUN-2006 20:50:13	Dark	56.500	63	Bet Gru	2.1500	2800.0	113	22313	No
254	GOM_NL__2PRFIN20060606_205211_000000472048_00215_22313_0578.N1	06-JUN-2006 20:52:11	Dark	47.000	31	Alp Gru	1.7340	15200.	94	22313	No
255	GOM_NL__2PRFIN20060606_205647_000000422048_00215_22313_0579.N1	06-JUN-2006 20:56:47	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	22313	No
256	GOM_NL__2PRFIN20060606_210351_000000392048_00215_22313_0580.N1	06-JUN-2006 21:03:51	Straylight	38.500	147	Alp Ara	2.8770	26000.	77	22313	No
257	GOM_NL__2PRFIN20060606_210534_000000422048_00215_22313_0581.N1	06-JUN-2006 21:05:34	Straylight	42.000	40	The Sco	1.8590	7100.0	84	22313	No
258	GOM_NL__2PRFIN20060606_210720_000000472048_00215_22313_0582.N1	06-JUN-2006 21:07:20	Twilight	47.000	25	35Lam Sco	1.6200	28000.	94	22313	No
259	GOM_NL__2PRFIN20060606_210858_000000462048_00215_22313_0583.N1	06-JUN-2006 21:08:58	Twilight	46.000	75	26Eps Sco	2.2910	4250.0	92	22313	No
260	GOM_NL__2PRFIN20060606_211152_000000402048_00215_22313_0584.N1	06-JUN-2006 21:11:52	Bright	39.500	156	20Sig Sco	2.9030	28000.	79	22313	No
261	GOM_NL__2PRFIN20060606_211423_000000422048_00215_22313_0585.N1	06-JUN-2006 21:14:23	Bright	42.000	86	35Eta Oph	2.4300	10200.	84	22313	No
262	GOM_NL__2PRFIN20060606_211611_000000382048_00215_22313_0586.N1	06-JUN-2006 21:16:11	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	22313	No
263	GOM_NL__2PRFIN20060606_211819_000000382048_00215_22313_0587.N1	06-JUN-2006 21:18:19	Bright	37.500	120	1Del Oph	2.7340	3200.0	75	22313	No
264	GOM_NL__2PRFIN20060606_212602_000000422048_00215_22313_0588.N1	06-JUN-2006 21:26:02	Bright	41.500	127	27Bet Her	2.7810	4700.0	83	22313	No
265	GOM_NL__2PRFIN20060606_212918_000000422048_00215_22313_0589.N1	06-JUN-2006 21:29:18	Bright	41.500	133	40Zet Her	2.8070	6000.0	83	22313	No
266	GOM_NL__2PRFIN20060606_213633_000000442048_00215_22313_0590.N1	06-JUN-2006 21:36:33	Bright	44.000	130	23Bet Dra	2.7990	5800.0	88	22313	No
267	GOM_NL__2PRFIN20060606_215305_000000382048_00215_22313_0591.N1	06-JUN-2006 21:53:05	Bright	38.000	76	27Gam Cas	2.3000	30000.	76	22313	No
268	GOM_NL__2PRFIN20060606_215847_000000382048_00215_22313_0592.N1	06-JUN-2006 21:58:47	Bright	37.500	73	57Gam1And	2.2600	13100.	75	22313	No
269	GOM_NL__2PRFIN20060606_220106_000000472048_00215_22313_0593.N1	06-JUN-2006 22:01:06	Bright	47.000	53	43Bet And	2.0480	3300.0	94	22313	No
270	GOM_NL__2PRFIN20060606_220514_000000412048_00215_22313_0594.N1	06-JUN-2006 22:05:14	Twilight	41.000	105	6Bet Ari	2.6450	8900.0	82	22313	No
271	GOM_NL__2PRFIN20060606_221832_000000522048_00215_22313_0595.N1	06-JUN-2006 22:18:32	Dark	52.000	52	16Bet Cet	2.0370	4500.0	104	22313	No
272	GOM_NL__2PRFIN20060606_222507_000000422048_00215_22313_0596.N1	06-JUN-2006 22:25:07	Dark	41.500	84	Alp Phe	2.3970	4500.0	83	22313	No
273	GOM_NL__2PRFIN20060606_223050_000000612048_00216_22314_0577.N1	06-JUN-2006 22:30:50	Dark	60.500	63	Bet Gru	2.1500	2800.0	121	22314	No
274	GOM_NL__2PRFIN20060606_223248_000000452048_00216_22314_0578.N1	06-JUN-2006 22:32:48	Dark	45.000	31	Alp Gru	1.7340	15200.	90	22314	No
275	GOM_NL__2PRFIN20060606_223724_000000432048_00216_22314_0579.N1	06-JUN-2006 22:37:24	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	22314	No
276	GOM_NL__2PRFIN20060606_224428_000000402048_00216_22314_0580.N1	06-JUN-2006 22:44:28	Straylight	39.500	147	Alp Ara	2.8770	26000.	79	22314	No
277	GOM_NL__2PRFIN20060606_224611_000000452048_00216_22314_0581.N1	06-JUN-2006 22:46:11	Straylight	45.000	40	The Sco	1.8590	7100.0	90	22314	No
278	GOM_NL__2PRFIN20060606_224756_000000462048_00216_22314_0582.N1	06-JUN-2006 22:47:56	Twilight	45.500	25	35Lam Sco	1.6200	28000.	91	22314	No

279	GOM_NL__2PRFIN20060606_224934_000000442048_00216_22314_0583.N1	06-JUN-2006 22:49:34	Twilight	44.000	75	26Eps Sco	2.2910	4250.0	88	22314	No
280	GOM_NL__2PRFIN20060606_225208_000000442048_00216_22314_0584.N1	06-JUN-2006 22:52:08	Bright	43.500	16	21Alp Sco	1.0200	3000.0	87	22314	No
281	GOM_NL__2PRFIN20060606_225459_000000412048_00216_22314_0585.N1	06-JUN-2006 22:54:59	Bright	41.000	86	35Eta Oph	2.4300	10200.	82	22314	No
282	GOM_NL__2PRFIN20060606_225647_000000392048_00216_22314_0586.N1	06-JUN-2006 22:56:47	Bright	38.500	98	13Zet Oph	2.5710	30000.	77	22314	No
283	GOM_NL__2PRFIN20060606_225855_000000382048_00216_22314_0587.N1	06-JUN-2006 22:58:55	Bright	38.000	120	1Del Oph	2.7340	3200.0	76	22314	No
284	GOM_NL__2PRFIN20060606_230638_000000412048_00216_22314_0588.N1	06-JUN-2006 23:06:38	Bright	40.500	127	27Bet Her	2.7810	4700.0	81	22314	No
285	GOM_NL__2PRFIN20060606_230954_000000392048_00216_22314_0589.N1	06-JUN-2006 23:09:54	Bright	39.000	133	40Zet Her	2.8070	6000.0	78	22314	No
286	GOM_NL__2PRFIN20060606_231709_000000432048_00216_22314_0590.N1	06-JUN-2006 23:17:09	Bright	43.000	130	23Bet Dra	2.7990	5800.0	86	22314	No
287	GOM_NL__2PRFIN20060606_233340_000000372048_00216_22314_0591.N1	06-JUN-2006 23:33:40	Bright	36.500	76	27Gam Cas	2.3000	30000.	73	22314	No
288	GOM_NL__2PRFIN20060606_233923_000000382048_00216_22314_0592.N1	06-JUN-2006 23:39:23	Bright	37.500	73	57Gam1And	2.2600	13100.	75	22314	No
289	GOM_NL__2PRFIN20060606_234142_000000502048_00216_22314_0593.N1	06-JUN-2006 23:41:42	Bright	49.500	53	43Bet And	2.0480	3300.0	99	22314	No
290	GOM_NL__2PRFIN20060606_234550_000000432048_00216_22314_0594.N1	06-JUN-2006 23:45:50	Twilight	43.000	105	6Bet Ari	2.6450	8900.0	86	22314	No
291	GOM_NL__2PRFIN20060606_235908_000000522048_00216_22314_0595.N1	06-JUN-2006 23:59:08	Dark	52.000	52	16Bet Cet	2.0370	4500.0	104	22314	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.

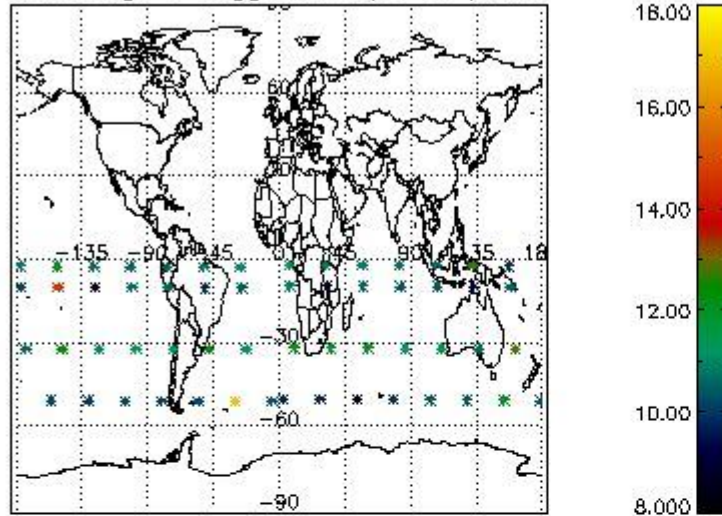
#### 3.1 Plot quality information per product (time dependant)



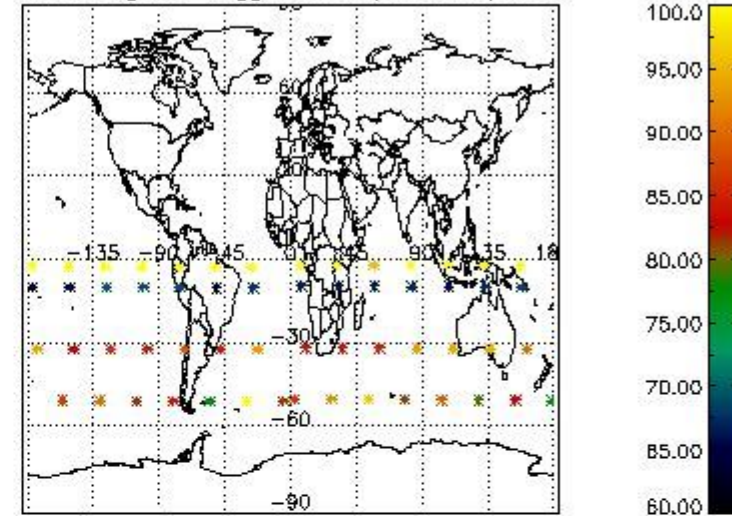
#### 3.2 Plot quality information per product (world map)



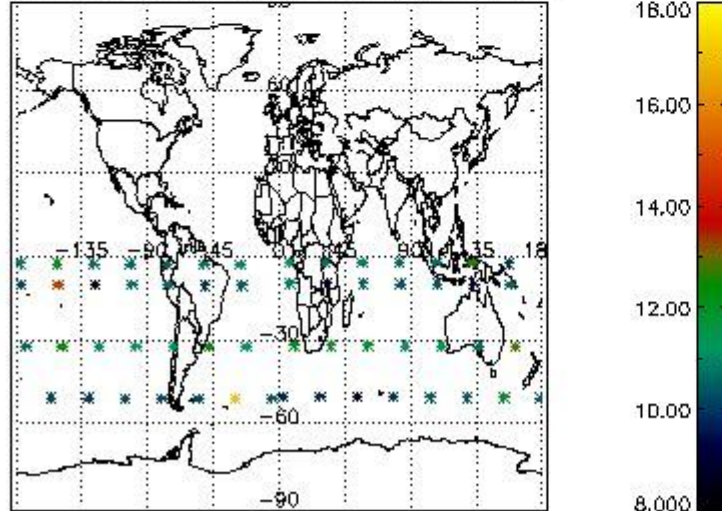
Percentage of flagged data per O3 profile



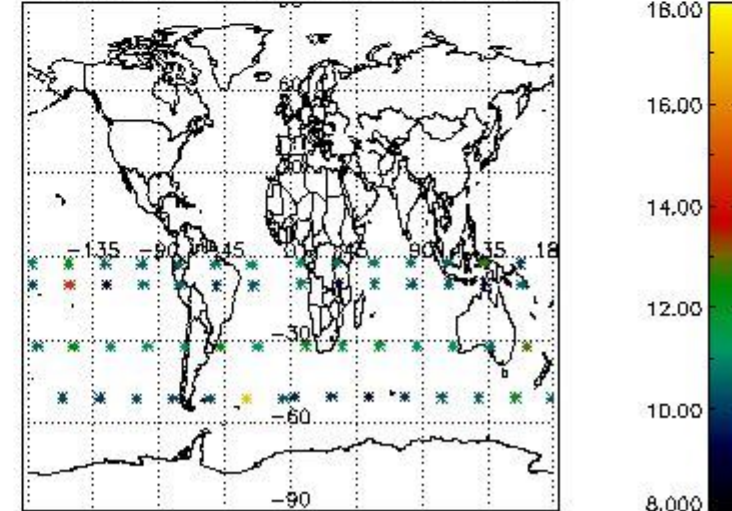
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



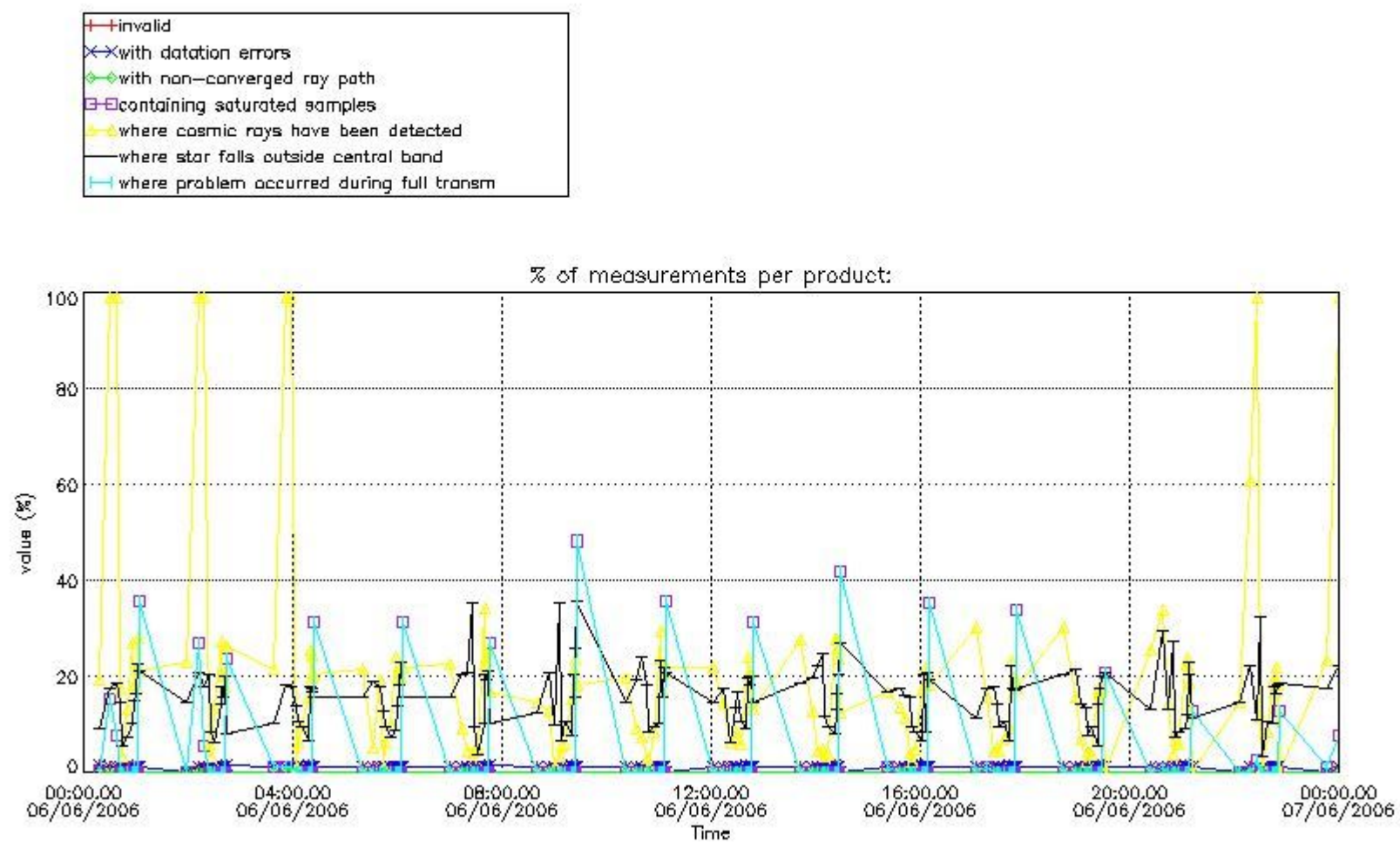
#### 4. Level 1 quality information per product

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.

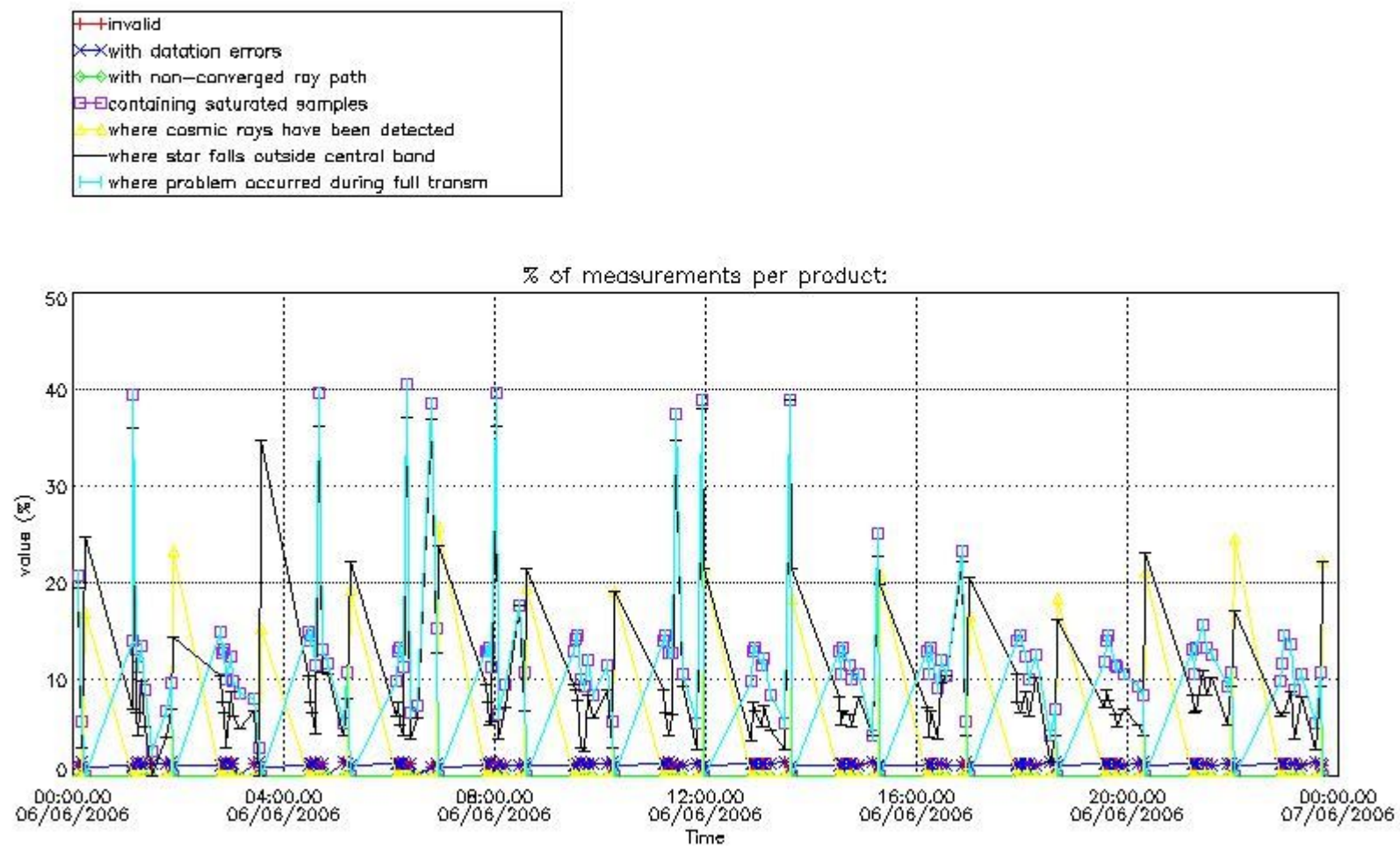
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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



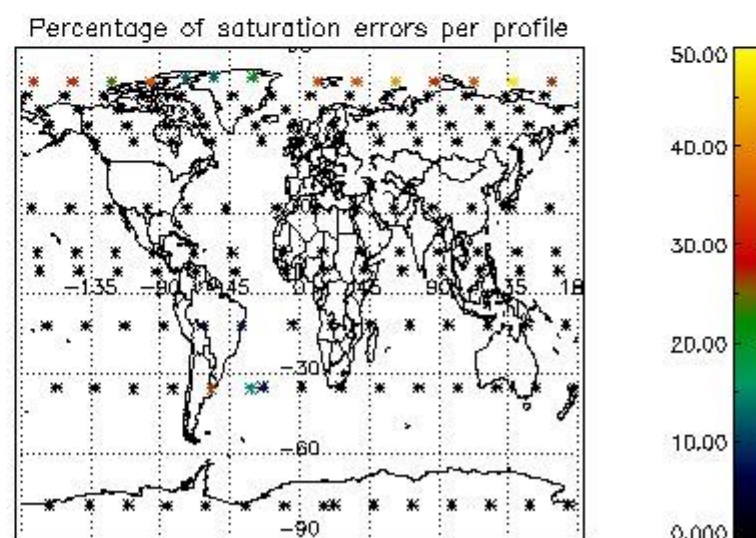
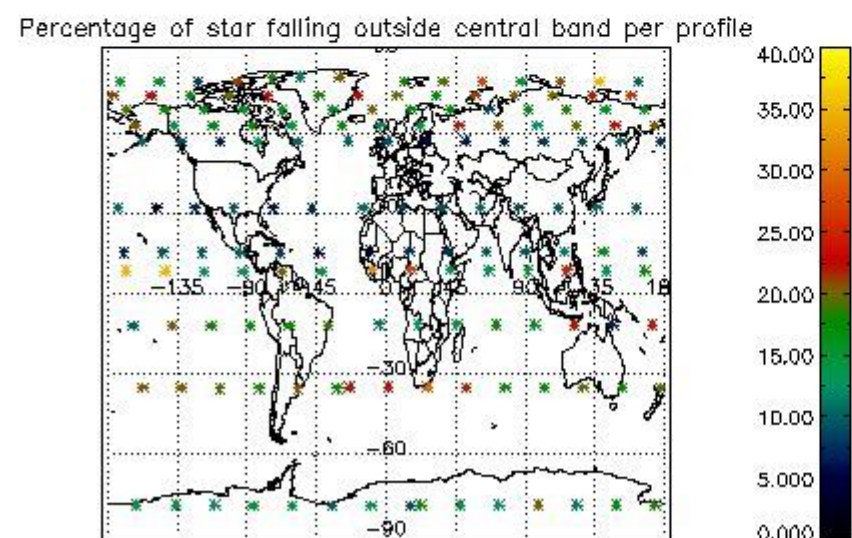
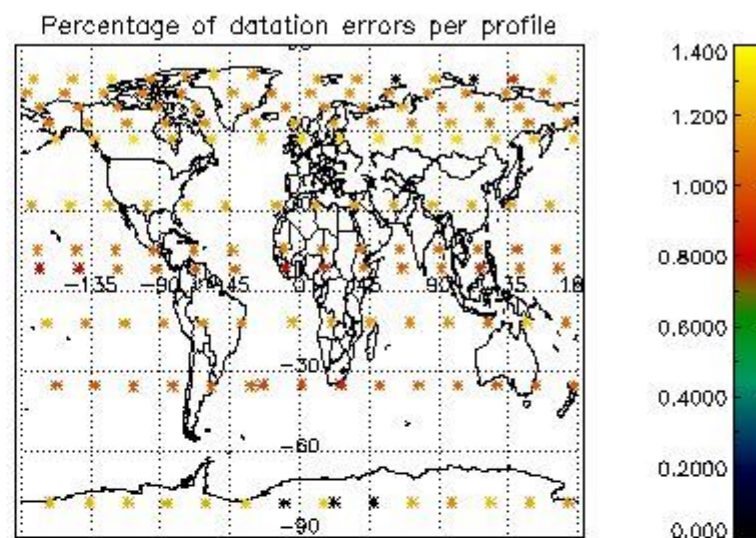
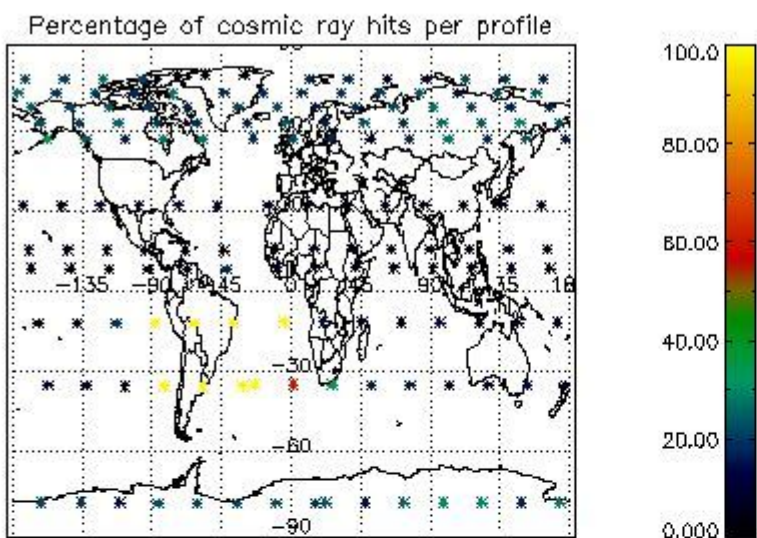


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



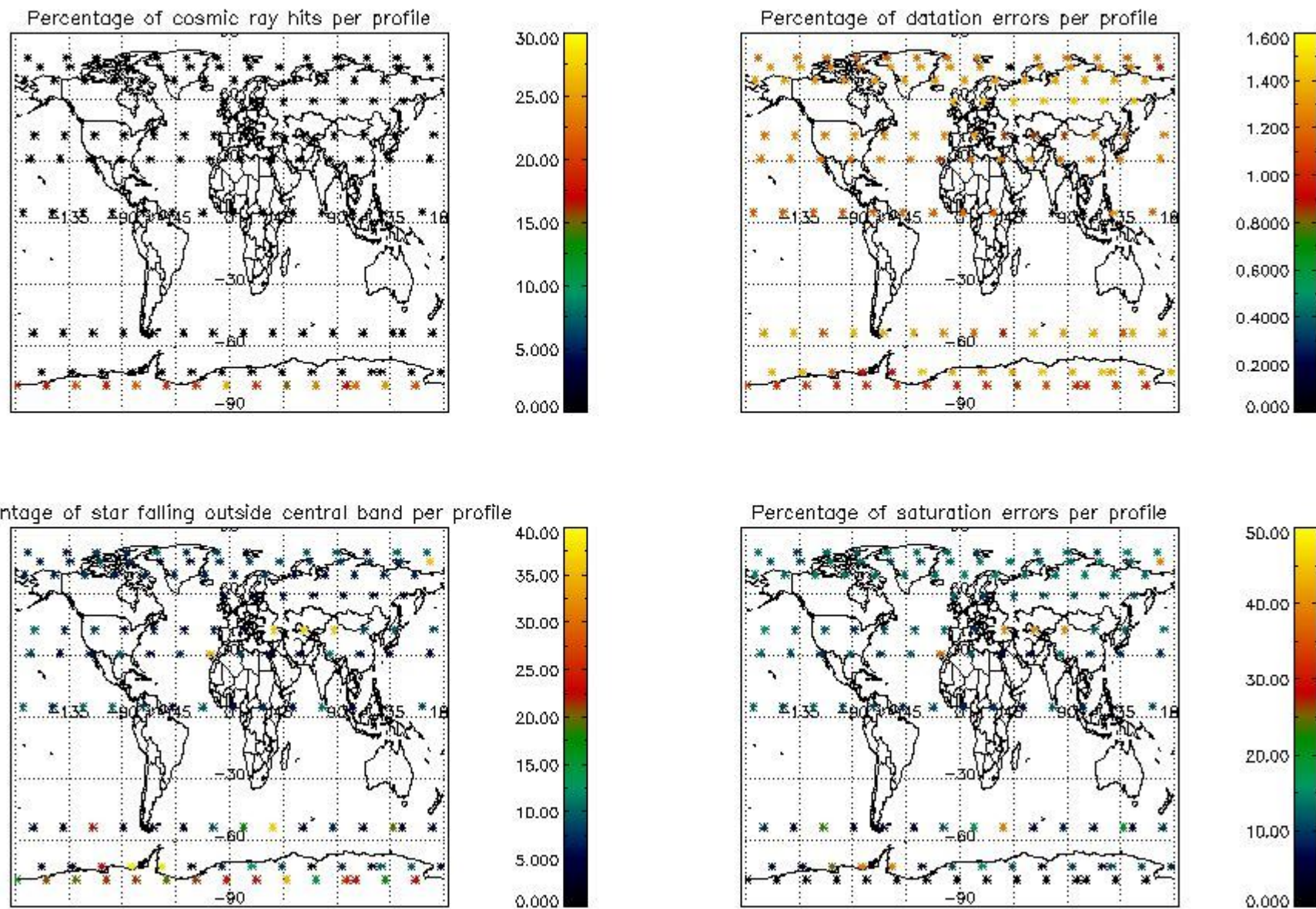
*4.2 Plot quality information per product coming from level 1b processing (world map)*

*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

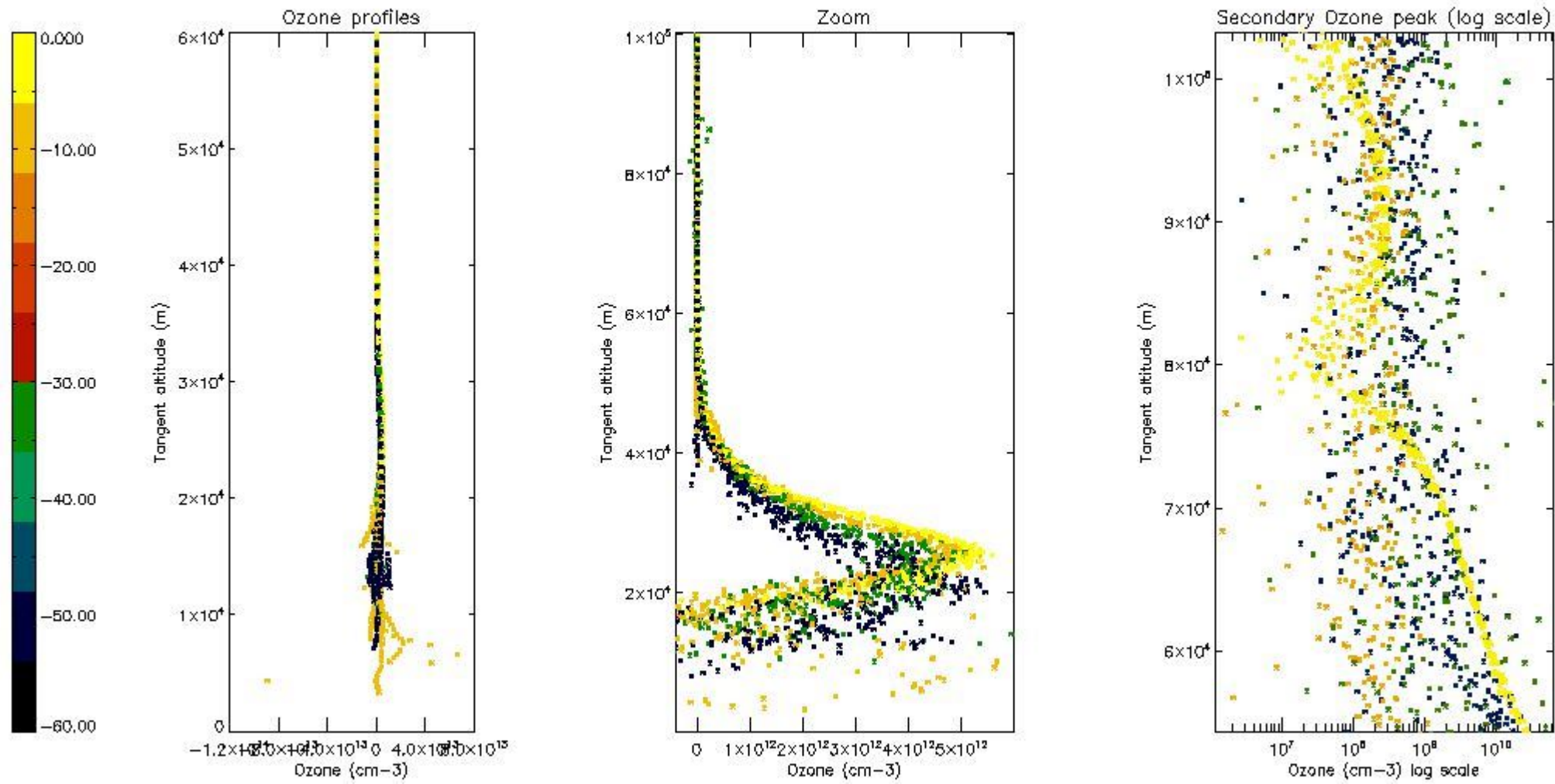
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

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

STD < 10	5
STD < 5	3

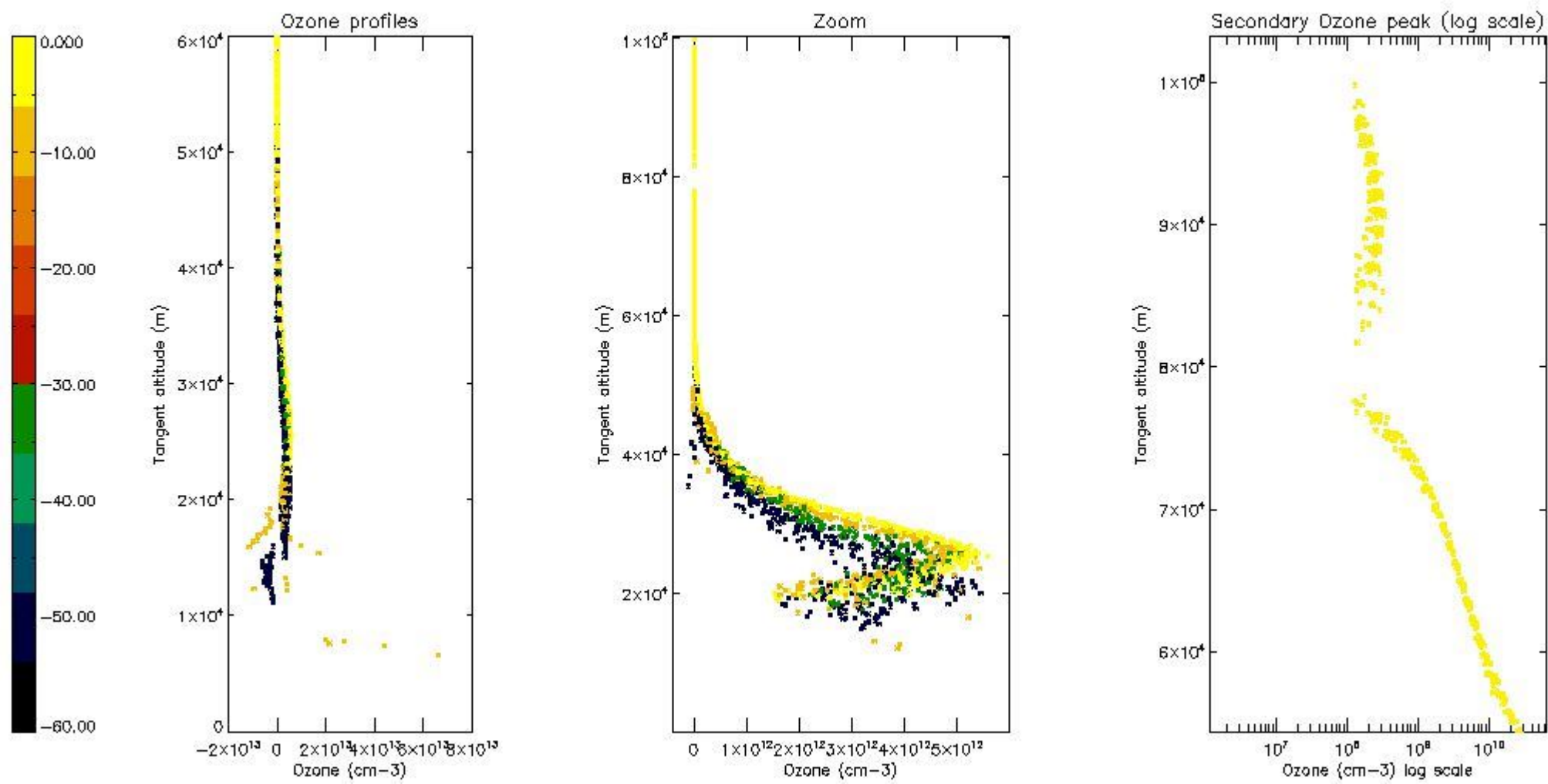
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

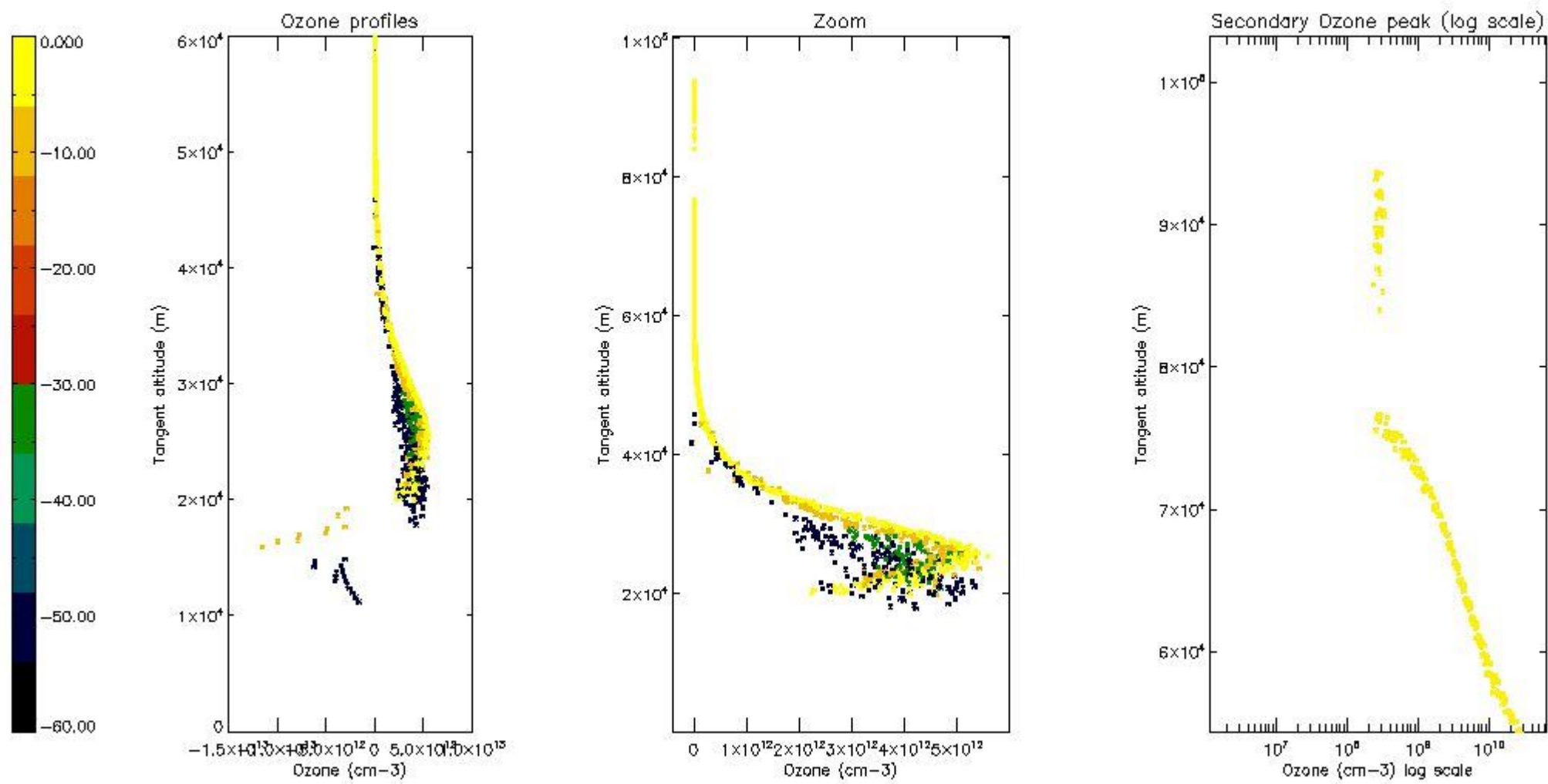
The colorbar represents the latitude.



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

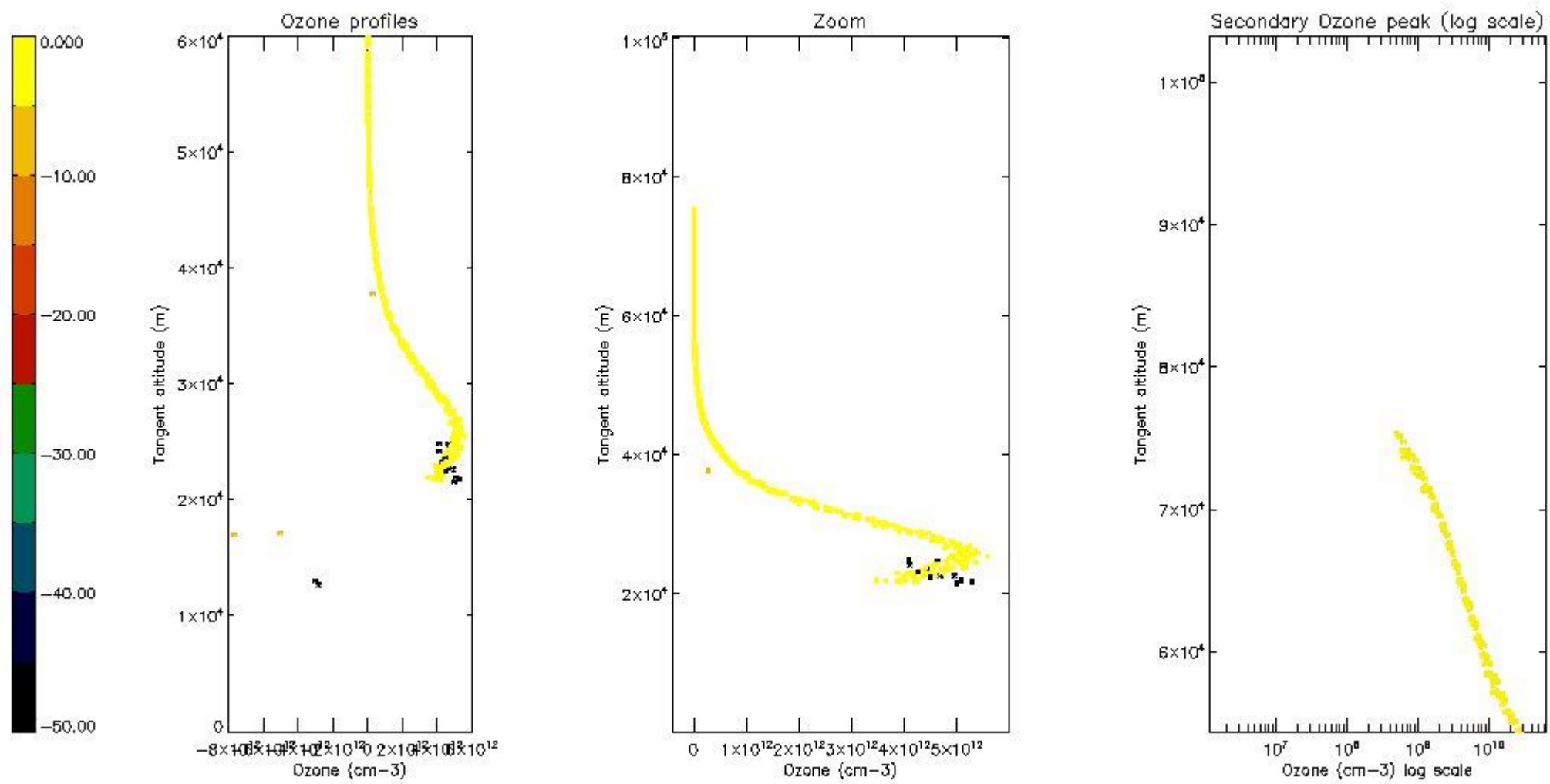
The colorbar represents the latitude.





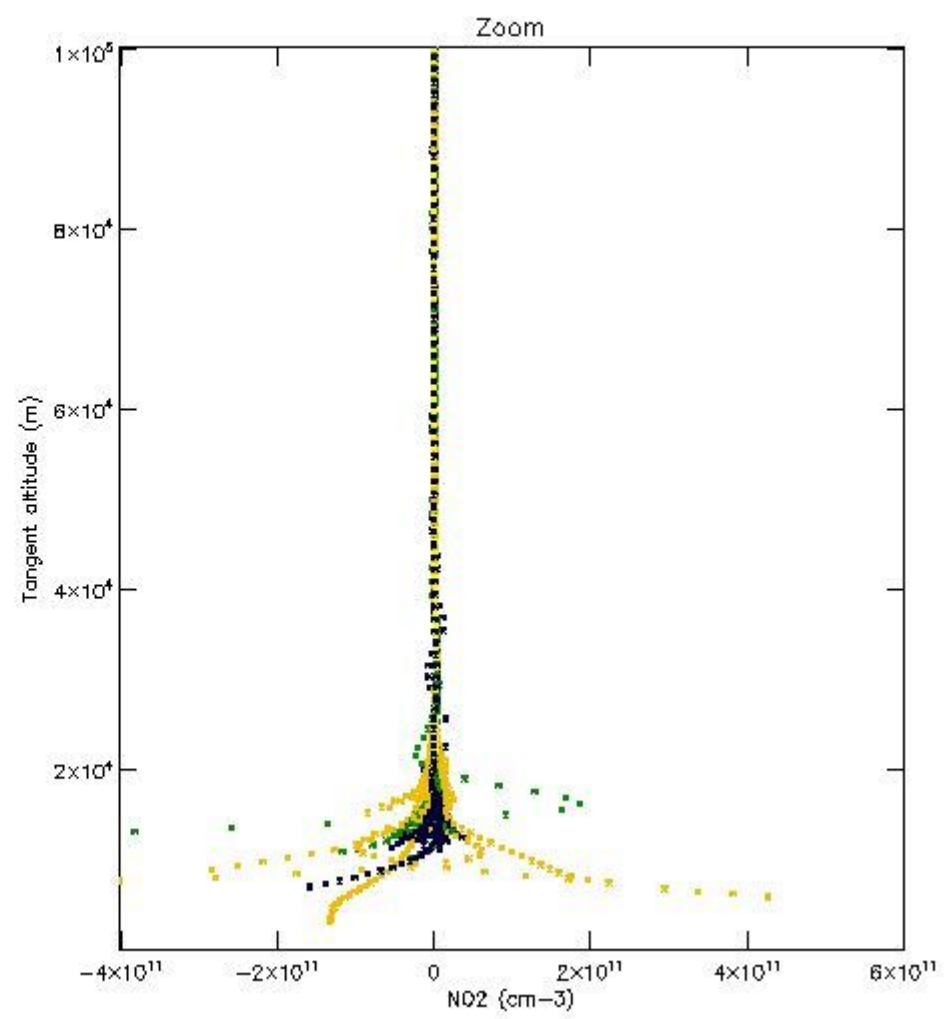
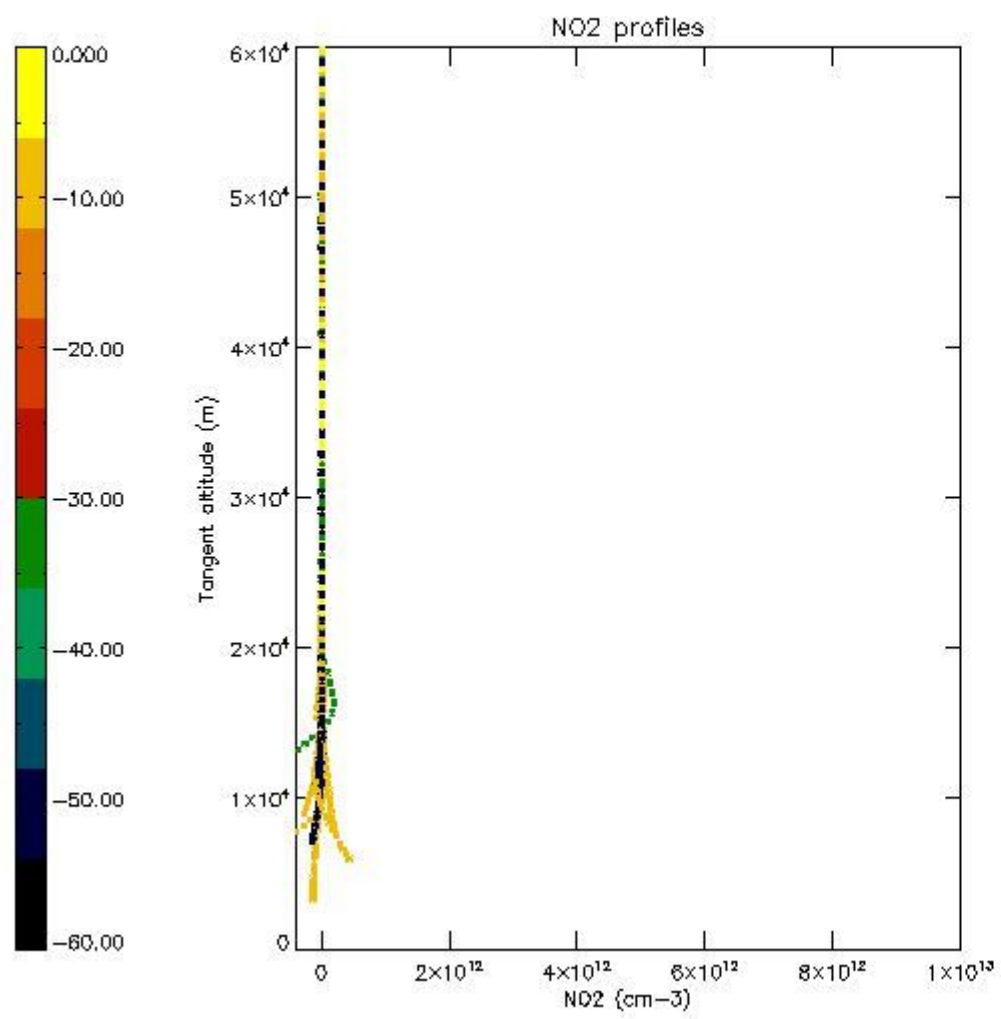
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



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

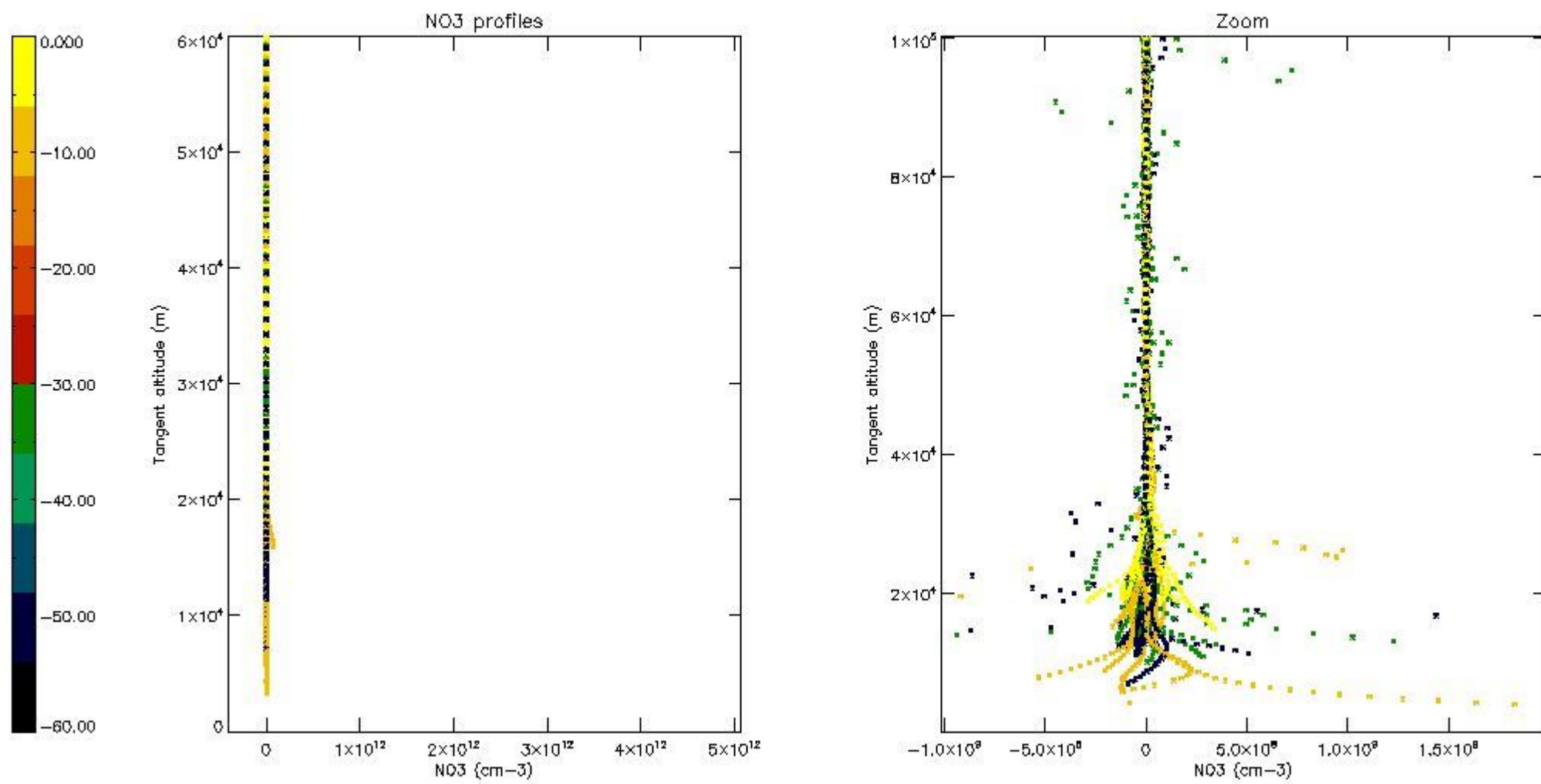
The colorbar represents the latitude.



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

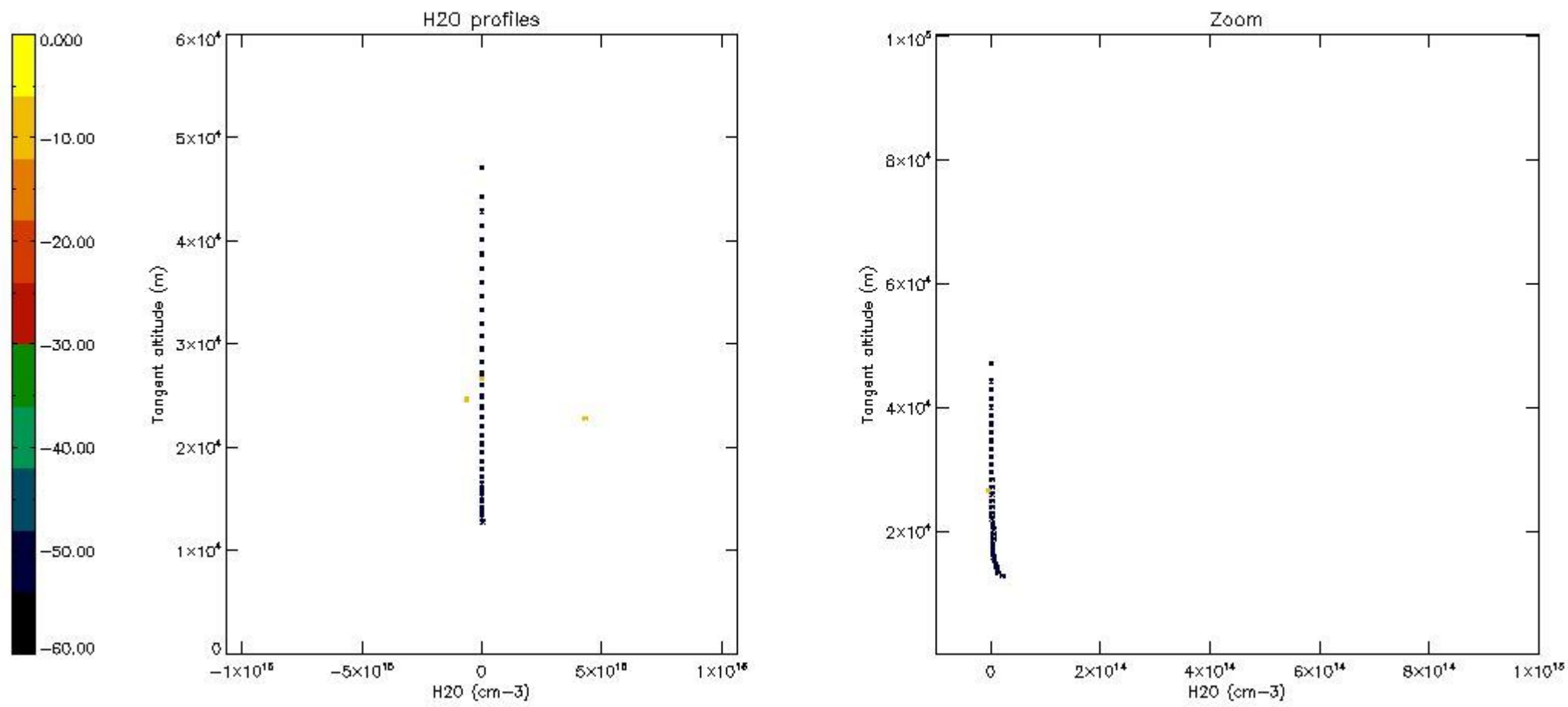
The colorbar represents the latitude.





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	06-JUN-2006 00:05:19
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	06-JUN-2006 00:05:19
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	06-JUN-2006 00:05:19

# GOMOS Level 2 Daily Report

## SUMMARY

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

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

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

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

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

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



This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM\_NL\_\_2P). It is intended to monitor some important parameters that will impact the quality of these products. A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

Item	Value
Time of report generation	23APR2013 23:16:48
Data source version	GOMOS/6.01
Start time of products	06-06-2006 (06JUN2006 00:00:00)
Stop time of products	07-06-2006 (07JUN2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	291
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__2PRFIN20060606_000519_000000442048_00202_22300_0552.N1	06-JUN-2006 00:05:19	Bright	43.500	76	27Gam Cas	2.3000	30000.	87	22300	No
2	GOM_NL__2PRFIN20060606_001059_000000352048_00202_22300_0553.N1	06-JUN-2006 00:10:59	Bright	35.000	73	57Gam1And	2.2600	13100.	70	22300	No
3	GOM_NL__2PRFIN20060606_001318_000000512048_00202_22300_0554.N1	06-JUN-2006 00:13:18	Bright	50.500	53	43Bet And	2.0480	3300.0	101	22300	No
4	GOM_NL__2PRFIN20060606_001723_000000392048_00202_22300_0555.N1	06-JUN-2006 00:17:23	Twilight	39.000	105	6Bet Ari	2.6450	8900.0	78	22300	No
5	GOM_NL__2PRFIN20060606_003035_000000492048_00202_22300_0556.N1	06-JUN-2006 00:30:35	Dark	49.000	52	16Bet Cet	2.0370	4500.0	98	22300	No
6	GOM_NL__2PRFIN20060606_003711_000000462048_00202_22300_0557.N1	06-JUN-2006 00:37:11	Dark	45.500	84	Alp Phe	2.3970	4500.0	91	22300	No
7	GOM_NL__2PRFIN20060606_004251_000000492048_00203_22301_0557.N1	06-JUN-2006 00:42:51	Dark	48.500	63	Bet Gru	2.1500	2800.0	97	22301	No
8	GOM_NL__2PRFIN20060606_004448_000000462048_00203_22301_0558.N1	06-JUN-2006 00:44:48	Dark	46.000	31	Alp Gru	1.7340	15200.	92	22301	No
9	GOM_NL__2PRFIN20060606_004928_000000422048_00203_22301_0559.N1	06-JUN-2006 00:49:28	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	22301	No
10	GOM_NL__2PRFIN20060606_005635_000000392048_00203_22301_0560.N1	06-JUN-2006 00:56:35	Straylight	39.000	147	Alp Ara	2.8770	26000.	78	22301	No
11	GOM_NL__2PRFIN20060606_005818_000000442048_00203_22301_0561.N1	06-JUN-2006 00:58:18	Straylight	44.000	40	The Sco	1.8590	7100.0	88	22301	No
12	GOM_NL__2PRFIN20060606_010004_000000462048_00203_22301_0562.N1	06-JUN-2006 01:00:04	Tw_and_stray	45.500	25	35Lam Sco	1.6200	28000.	91	22301	No
13	GOM_NL__2PRFIN20060606_010143_000000472048_00203_22301_0563.N1	06-JUN-2006 01:01:43	Tw_and_stray	46.500	75	26Eps Sco	2.2910	4250.0	93	22301	No
14	GOM_NL__2PRFIN20060606_010341_000000452048_00203_22301_0564.N1	06-JUN-2006 01:03:41	Bright	45.000	136	23Tau Sco	2.8220	30000.	90	22301	No
15	GOM_NL__2PRFIN20060606_010711_000000432048_00203_22301_0565.N1	06-JUN-2006 01:07:11	Bright	43.000	86	35Eta Oph	2.4300	10200.	86	22301	No
16	GOM_NL__2PRFIN20060606_010859_000000572048_00203_22301_0566.N1	06-JUN-2006 01:08:59	Bright	57.000	98	13Zet Oph	2.5710	30000.	114	22301	No
17	GOM_NL__2PRFIN20060606_011107_000000382048_00203_22301_0567.N1	06-JUN-2006 01:11:07	Bright	38.000	120	1Del Oph	2.7340	3200.0	76	22301	No
18	GOM_NL__2PRFIN20060606_011408_000000362048_00203_22301_0568.N1	06-JUN-2006 01:14:08	Bright	35.500	102	24Alp Ser	2.6000	4250.0	71	22301	No
19	GOM_NL__2PRFIN20060606_011854_000000412048_00203_22301_0569.N1	06-JUN-2006 01:18:54	Bright	41.000	127	27Bet Her	2.7810	4700.0	82	22301	No
20	GOM_NL__2PRFIN20060606_012211_000000402048_00203_22301_0570.N1	06-JUN-2006 01:22:11	Bright	39.500	133	40Zet Her	2.8070	6000.0	79	22301	No
21	GOM_NL__2PRFIN20060606_012928_000000392048_00203_22301_0571.N1	06-JUN-2006 01:29:28	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	22301	No
22	GOM_NL__2PRFIN20060606_014555_000000372048_00203_22301_0572.N1	06-JUN-2006 01:45:55	Bright	37.000	76	27Gam Cas	2.3000	30000.	74	22301	No
23	GOM_NL__2PRFIN20060606_015135_000000372048_00203_22301_0573.N1	06-JUN-2006 01:51:35	Bright	36.500	73	57Gam1And	2.2600	13100.	73	22301	No
24	GOM_NL__2PRFIN20060606_015353_000000452048_00203_22301_0574.N1	06-JUN-2006 01:53:53	Bright	45.000	53	43Bet And	2.0480	3300.0	90	22301	No
25	GOM_NL__2PRFIN20060606_015759_000000422048_00203_22301_0575.N1	06-JUN-2006 01:57:59	Twilight	41.500	105	6Bet Ari	2.6450	8900.0	83	22301	No
26	GOM_NL__2PRFIN20060606_021111_000000512048_00203_22301_0576.N1	06-JUN-2006 02:11:11	Dark	50.500	52	16Bet Cet	2.0370	4500.0	101	22301	No
27	GOM_NL__2PRFIN20060606_021748_000000452048_00203_22301_0577.N1	06-JUN-2006 02:17:48	Dark	45.000	84	Alp Phe	2.3970	4500.0	90	22301	No
28	GOM_NL__2PRFIN20060606_022328_000000522048_00204_22302_0557.N1	06-JUN-2006 02:23:28	Dark	51.500	63	Bet Gru	2.1500	2800.0	103	22302	No
29	GOM_NL__2PRFIN20060606_022525_000000472048_00204_22302_0558.N1	06-JUN-2006 02:25:25	Dark	47.000	31	Alp Gru	1.7340	15200.	94	22302	No
30	GOM_NL__2PRFIN20060606_023004_000000412048_00204_22302_0559.N1	06-JUN-2006 02:30:04	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	22302	No
31	GOM_NL__2PRFIN20060606_023712_000000422048_00204_22302_0560.N1	06-JUN-2006 02:37:12	Straylight	42.000	147	Alp Ara	2.8770	26000.	84	22302	No
32	GOM_NL__2PRFIN20060606_023855_000000452048_00204_22302_0561.N1	06-JUN-2006 02:38:55	Straylight	45.000	40	The Sco	1.8590	7100.0	90	22302	No
33	GOM_NL__2PRFIN20060606_024041_000000452048_00204_22302_0562.N1	06-JUN-2006 02:40:41	Tw_and_stray	45.000	25	35Lam Sco	1.6200	28000.	90	22302	No
34	GOM_NL__2PRFIN20060606_024220_000000452048_00204_22302_0563.N1	06-JUN-2006 02:42:20	Tw_and_stray	45.000	75	26Eps Sco	2.2910	4250.0	90	22302	No
35	GOM_NL__2PRFIN20060606_024418_000000382048_00204_22302_0564.N1	06-JUN-2006 02:44:18	Bright	38.000	136	23Tau Sco	2.8220	30000.	76	22302	No
36	GOM_NL__2PRFIN20060606_024747_000000442048_00204_22302_0565.N1	06-JUN-2006 02:47:47	Bright	43.500	86	35Eta Oph	2.4300	10200.	87	22302	No
37	GOM_NL__2PRFIN20060606_024935_000000402048_00204_22302_0566.N1	06-JUN-2006 02:49:35	Bright	39.500	98	13Zet Oph	2.5710	30000.	79	22302	No
38	GOM_NL__2PRFIN20060606_025143_000000382048_00204_22302_0567.N1	06-JUN-2006 02:51:43	Bright	38.000	120	1Del Oph	2.7340	3200.0	76	22302	No
39	GOM_NL__2PRFIN20060606_025444_000000352048_00204_22302_0568.N1	06-JUN-2006 02:54:44	Bright	35.000	102	24Alp Ser	2.6000	4250.0	70	22302	No
40	GOM_NL__2PRFIN20060606_025930_000000412048_00204_22302_0569.N1	06-JUN-2006 02:59:30	Bright	40.500	127	27Bet Her	2.7810	4700.0	81	22302	No
41	GOM_NL__2PRFIN20060606_030247_000000412048_00204_22302_0570.N1	06-JUN-2006 03:02:47	Bright	41.000	133	40Zet Her	2.8070	6000.0	82	22302	No
42	GOM_NL__2PRFIN20060606_031004_000000412048_00204_22302_0571.N1	06-JUN-2006 03:10:04	Bright	41.000	130	23Bet Dra	2.7990	5800.0	82	22302	No

43	GOM_NL__2PRFIN20060606_032630_000000382048_00204_22302_0572.N1	06-JUN-2006 03:26:30	Bright	37.500	76	27Gam Cas	2.3000	30000.	75	22302	No
44	GOM_NL__2PRFIN20060606_033211_000000352048_00204_22302_0573.N1	06-JUN-2006 03:32:11	Bright	34.500	73	57Gam1And	2.2600	13100.	69	22302	No
45	GOM_NL__2PRFIN20060606_033429_000000592048_00204_22302_0574.N1	06-JUN-2006 03:34:29	Bright	59.000	53	43Bet And	2.0480	3300.0	118	22302	No
46	GOM_NL__2PRFIN20060606_033836_000000402048_00204_22302_0575.N1	06-JUN-2006 03:38:36	Twilight	39.500	105	6Bet Ari	2.6450	8900.0	79	22302	No
47	GOM_NL__2PRFIN20060606_035148_000000502048_00204_22302_0576.N1	06-JUN-2006 03:51:48	Dark	49.500	52	16Bet Cet	2.0370	4500.0	99	22302	No
48	GOM_NL__2PRFIN20060606_035825_000000452048_00204_22302_0577.N1	06-JUN-2006 03:58:25	Dark	45.000	84	Alp Phe	2.3970	4500.0	90	22302	No
49	GOM_NL__2PRFIN20060606_040405_000000482048_00205_22303_0557.N1	06-JUN-2006 04:04:05	Dark	47.500	63	Bet Gru	2.1500	2800.0	95	22303	No
50	GOM_NL__2PRFIN20060606_040602_000000482048_00205_22303_0558.N1	06-JUN-2006 04:06:02	Dark	48.000	31	Alp Gru	1.7340	15200.	96	22303	No
51	GOM_NL__2PRFIN20060606_041041_000000432048_00205_22303_0559.N1	06-JUN-2006 04:10:41	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	22303	No
52	GOM_NL__2PRFIN20060606_041748_000000382048_00205_22303_0560.N1	06-JUN-2006 04:17:48	Straylight	38.000	147	Alp Ara	2.8770	26000.	76	22303	No
53	GOM_NL__2PRFIN20060606_041931_000000452048_00205_22303_0561.N1	06-JUN-2006 04:19:31	Straylight	45.000	40	The Sco	1.8590	7100.0	90	22303	No
54	GOM_NL__2PRFIN20060606_042117_000000452048_00205_22303_0562.N1	06-JUN-2006 04:21:17	Tw_i_and_stray	45.000	25	35Lam Sco	1.6200	28000.	90	22303	No
55	GOM_NL__2PRFIN20060606_042256_000000432048_00205_22303_0563.N1	06-JUN-2006 04:22:56	Tw_i_and_stray	43.000	75	26Eps Sco	2.2910	4250.0	86	22303	No
56	GOM_NL__2PRFIN20060606_042454_000000422048_00205_22303_0564.N1	06-JUN-2006 04:24:54	Bright	41.500	136	23Tau Sco	2.8220	30000.	83	22303	No
57	GOM_NL__2PRFIN20060606_042823_000000442048_00205_22303_0565.N1	06-JUN-2006 04:28:23	Bright	43.500	86	35Eta Oph	2.4300	10200.	87	22303	No
58	GOM_NL__2PRFIN20060606_043011_000000402048_00205_22303_0566.N1	06-JUN-2006 04:30:11	Bright	39.500	98	13Zet Oph	2.5710	30000.	79	22303	No
59	GOM_NL__2PRFIN20060606_043220_000000382048_00205_22303_0567.N1	06-JUN-2006 04:32:20	Bright	38.000	120	1Del Oph	2.7340	3200.0	76	22303	No
60	GOM_NL__2PRFIN20060606_043520_000000352048_00205_22303_0568.N1	06-JUN-2006 04:35:20	Bright	35.000	102	24Alp Ser	2.6000	4250.0	70	22303	No
61	GOM_NL__2PRFIN20060606_044005_000000582048_00205_22303_0569.N1	06-JUN-2006 04:40:05	Bright	58.000	127	27Bet Her	2.7810	4700.0	116	22303	No
62	GOM_NL__2PRFIN20060606_044323_000000422048_00205_22303_0570.N1	06-JUN-2006 04:43:23	Bright	42.000	133	40Zet Her	2.8070	6000.0	84	22303	No
63	GOM_NL__2PRFIN20060606_045040_000000432048_00205_22303_0571.N1	06-JUN-2006 04:50:40	Bright	43.000	130	23Bet Dra	2.7990	5800.0	86	22303	No
64	GOM_NL__2PRFIN20060606_050706_000000372048_00205_22303_0572.N1	06-JUN-2006 05:07:06	Bright	36.500	76	27Gam Cas	2.3000	30000.	73	22303	No
65	GOM_NL__2PRFIN20060606_051247_000000382048_00205_22303_0573.N1	06-JUN-2006 05:12:47	Bright	37.500	73	57Gam1And	2.2600	13100.	75	22303	No
66	GOM_NL__2PRFIN20060606_051506_000000502048_00205_22303_0574.N1	06-JUN-2006 05:15:06	Bright	49.500	53	43Bet And	2.0480	3300.0	99	22303	No
67	GOM_NL__2PRFIN20060606_051912_000000422048_00205_22303_0575.N1	06-JUN-2006 05:19:12	Twilight	42.000	105	6Bet Ari	2.6450	8900.0	84	22303	No
68	GOM_NL__2PRFIN20060606_053225_000000502048_00205_22303_0576.N1	06-JUN-2006 05:32:25	Dark	50.000	52	16Bet Cet	2.0370	4500.0	100	22303	No
69	GOM_NL__2PRFIN20060606_053901_000000452048_00205_22303_0577.N1	06-JUN-2006 05:39:01	Dark	44.500	84	Alp Phe	2.3970	4500.0	89	22303	No
70	GOM_NL__2PRFIN20060606_054441_000000482048_00206_22304_0557.N1	06-JUN-2006 05:44:41	Dark	47.500	63	Bet Gru	2.1500	2800.0	95	22304	No
71	GOM_NL__2PRFIN20060606_054639_000000482048_00206_22304_0558.N1	06-JUN-2006 05:46:39	Dark	48.000	31	Alp Gru	1.7340	15200.	96	22304	No
72	GOM_NL__2PRFIN20060606_055118_000000422048_00206_22304_0559.N1	06-JUN-2006 05:51:18	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	22304	No
73	GOM_NL__2PRFIN20060606_055825_000000402048_00206_22304_0560.N1	06-JUN-2006 05:58:25	Straylight	39.500	147	Alp Ara	2.8770	26000.	79	22304	No
74	GOM_NL__2PRFIN20060606_060007_000000432048_00206_22304_0561.N1	06-JUN-2006 06:00:07	Straylight	43.000	40	The Sco	1.8590	7100.0	86	22304	No
75	GOM_NL__2PRFIN20060606_060154_000000472048_00206_22304_0562.N1	06-JUN-2006 06:01:54	Tw_i_and_stray	46.500	25	35Lam Sco	1.6200	28000.	93	22304	No
76	GOM_NL__2PRFIN20060606_060332_000000462048_00206_22304_0563.N1	06-JUN-2006 06:03:32	Tw_i_and_stray	46.000	75	26Eps Sco	2.2910	4250.0	92	22304	No
77	GOM_NL__2PRFIN20060606_060530_000000422048_00206_22304_0564.N1	06-JUN-2006 06:05:30	Bright	41.500	136	23Tau Sco	2.8220	30000.	83	22304	No
78	GOM_NL__2PRFIN20060606_060859_000000412048_00206_22304_0565.N1	06-JUN-2006 06:08:59	Bright	41.000	86	35Eta Oph	2.4300	10200.	82	22304	No
79	GOM_NL__2PRFIN20060606_061047_000000392048_00206_22304_0566.N1	06-JUN-2006 06:10:47	Bright	39.000	98	13Zet Oph	2.5710	30000.	78	22304	No
80	GOM_NL__2PRFIN20060606_061256_000000382048_00206_22304_0567.N1	06-JUN-2006 06:12:56	Bright	37.500	120	1Del Oph	2.7340	3200.0	75	22304	No
81	GOM_NL__2PRFIN20060606_061556_000000362048_00206_22304_0568.N1	06-JUN-2006 06:15:56	Bright	35.500	102	24Alp Ser	2.6000	4250.0	71	22304	No
82	GOM_NL__2PRFIN20060606_062041_000000582048_00206_22304_0569.N1	06-JUN-2006 06:20:41	Bright	58.000	127	27Bet Her	2.7810	4700.0	116	22304	No
83	GOM_NL__2PRFIN20060606_062358_000000392048_00206_22304_0570.N1	06-JUN-2006 06:23:58	Bright	38.500	133	40Zet Her	2.8070	6000.0	77	22304	No
84	GOM_NL__2PRFIN20060606_063115_000000422048_00206_22304_0571.N1	06-JUN-2006 06:31:15	Bright	41.500	130	23Bet Dra	2.7990	5800.0	83	22304	No
85	GOM_NL__2PRFIN20060606_064742_000000572048_00206_22304_0572.N1	06-JUN-2006 06:47:42	Bright	57.000	76	27Gam Cas	2.3000	30000.	114	22304	No
86	GOM_NL__2PRFIN20060606_065323_000000402048_00206_22304_0573.N1	06-JUN-2006 06:53:23	Bright	39.500	73	57Gam1And	2.2600	13100.	79	22304	No
87	GOM_NL__2PRFIN20060606_065542_000000512048_00206_22304_0574.N1	06-JUN-2006 06:55:42	Bright	50.500	53	43Bet And	2.0480	3300.0	101	22304	No
88	GOM_NL__2PRFIN20060606_065948_000000422048_00206_22304_0575.N1	06-JUN-2006 06:59:48	Twilight	42.000	105	6Bet Ari	2.6450	8900.0	84	22304	No
89	GOM_NL__2PRFIN20060606_071302_000000502048_00206_22304_0576.N1	06-JUN-2006 07:13:02	Dark	49.500	52	16Bet Cet	2.0370	4500.0	99	22304	No
90	GOM_NL__2PRFIN20060606_071938_000000462048_00206_22304_0577.N1	06-JUN-2006 07:19:38	Dark	46.000	84	Alp Phe	2.3970	4500.0	92	22304	No
91	GOM_NL__2PRFIN20060606_072518_000000642048_00207_22305_0557.N1	06-JUN-2006 07:25:18	Dark	64.000	63	Bet Gru	2.1500	2800.0	128	22305	No
92	GOM_NL__2PRFIN20060606_072716_000000482048_00207_22305_0558.N1	06-JUN-2006 07:27:16	Dark	47.500	31	Alp Gru	1.7340	15200.	95	22305	No
93	GOM_NL__2PRFIN20060606_073154_000000402048_00207_22305_0559.N1	06-JUN-2006 07:31:54	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	22305	No
94	GOM_NL__2PRFIN20060606_073901_000000402048_00207_22305_0560.N1	06-JUN-2006 07:39:01	Straylight	39.500	147	Alp Ara	2.8770	26000.	79	22305	No
95	GOM_NL__2PRFIN20060606_074044_000000472048_00207_22305_0561.N1	06-JUN-2006 07:40:44	Straylight	46.500	40	The Sco	1.8590	7100.0	93	22305	No
96	GOM_NL__2PRFIN20060606_074230_000000472048_00207_22305_0562.N1	06-JUN-2006 07:42:30	Tw_i_and_stray	47.000	25	35Lam Sco	1.6200	28000.	94	22305	No
97	GOM_NL__2PRFIN20060606_074408_000000452048_00207_22305_0563.N1	06-JUN-2006 07:44:08	Tw_i_and_stray	45.000	75	26Eps Sco	2.2910	4250.0	90	22305	No
98	GOM_NL__2PRFIN20060606_074606_000000392048_00207_22305_0564.N1	06-JUN-2006 07:46:06	Bright	39.000	136	23Tau Sco	2.8220	30000.	78	22305	No
99	GOM_NL__2PRFIN20060606_074935_000000432048_00207_22305_0565.N1	06-JUN-2006 07:49:35	Bright	42.500	86	35Eta Oph	2.4300	10200.	85	22305	No
100	GOM_NL__2PRFIN20060606_075123_000000392048_00207_22305_0566.N1	06-JUN-2006 07:51:23	Bright	39.000	98	13Zet Oph	2.5710	30000.	78	22305	No
101	GOM_NL__2PRFIN20060606_075332_000000382048_00207_22305_0567.N1	06-JUN-2006 07:53:32	Bright	37.500	120	1Del Oph	2.7340	3200.0	75	22305	No

102	GOM_NL__2PRFIN20060606_075632_000000362048_00207_22305_0568.N1	06-JUN-2006 07:56:32	Bright	35.500	102	24Alp Ser	2.6000	4250.0	71	22305	No
103	GOM_NL__2PRFIN20060606_080117_000000582048_00207_22305_0569.N1	06-JUN-2006 08:01:17	Bright	58.000	127	27Bet Her	2.7810	4700.0	116	22305	No
104	GOM_NL__2PRFIN20060606_080434_000000392048_00207_22305_0570.N1	06-JUN-2006 08:04:34	Bright	39.000	133	40Zet Her	2.8070	6000.0	78	22305	No
105	GOM_NL__2PRFIN20060606_081150_000000432048_00207_22305_0571.N1	06-JUN-2006 08:11:50	Bright	42.500	130	23Bet Dra	2.7990	5800.0	85	22305	No
106	GOM_NL__2PRFIN20060606_082818_000000432048_00207_22305_0572.N1	06-JUN-2006 08:28:18	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	22305	No
107	GOM_NL__2PRFIN20060606_083359_000000372048_00207_22305_0573.N1	06-JUN-2006 08:33:59	Bright	37.000	73	57Gam1And	2.2600	13100.	74	22305	No
108	GOM_NL__2PRFIN20060606_083618_000000492048_00207_22305_0574.N1	06-JUN-2006 08:36:18	Bright	49.000	53	43Bet And	2.0480	3300.0	98	22305	No
109	GOM_NL__2PRFIN20060606_084024_000000412048_00207_22305_0575.N1	06-JUN-2006 08:40:24	Twilight	41.000	105	6Bet Ari	2.6450	8900.0	82	22305	No
110	GOM_NL__2PRFIN20060606_085338_000000512048_00207_22305_0576.N1	06-JUN-2006 08:53:38	Dark	50.500	52	16Bet Cet	2.0370	4500.0	101	22305	No
111	GOM_NL__2PRFIN20060606_090014_000000412048_00207_22305_0577.N1	06-JUN-2006 09:00:14	Dark	41.000	84	Alp Phe	2.3970	4500.0	82	22305	No
112	GOM_NL__2PRFIN20060606_090555_000000632048_00208_22306_0557.N1	06-JUN-2006 09:05:55	Dark	62.500	63	Bet Gru	2.1500	2800.0	125	22306	No
113	GOM_NL__2PRFIN20060606_090753_000000462048_00208_22306_0558.N1	06-JUN-2006 09:07:53	Dark	46.000	31	Alp Gru	1.7340	15200.	92	22306	No
114	GOM_NL__2PRFIN20060606_091231_000000432048_00208_22306_0559.N1	06-JUN-2006 09:12:31	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	22306	No
115	GOM_NL__2PRFIN20060606_091937_000000392048_00208_22306_0560.N1	06-JUN-2006 09:19:37	Straylight	39.000	147	Alp Ara	2.8770	26000.	78	22306	No
116	GOM_NL__2PRFIN20060606_092120_000000472048_00208_22306_0561.N1	06-JUN-2006 09:21:20	Straylight	46.500	40	The Sco	1.8590	7100.0	93	22306	No
117	GOM_NL__2PRFIN20060606_092306_000000452048_00208_22306_0562.N1	06-JUN-2006 09:23:06	Twi_and_stray	45.000	25	35Lam Sco	1.6200	28000.	90	22306	No
118	GOM_NL__2PRFIN20060606_092445_000000492048_00208_22306_0563.N1	06-JUN-2006 09:24:45	Twi_and_stray	48.500	75	26Eps Sco	2.2910	4250.0	97	22306	No
119	GOM_NL__2PRFIN20060606_092642_000000552048_00208_22306_0564.N1	06-JUN-2006 09:26:42	Bright	55.000	136	23Tau Sco	2.8220	30000.	110	22306	No
120	GOM_NL__2PRFIN20060606_093011_000000432048_00208_22306_0565.N1	06-JUN-2006 09:30:11	Bright	42.500	86	35Eta Oph	2.4300	10200.	85	22306	No
121	GOM_NL__2PRFIN20060606_093159_000000392048_00208_22306_0566.N1	06-JUN-2006 09:31:59	Bright	39.000	98	13Zet Oph	2.5710	30000.	78	22306	No
122	GOM_NL__2PRFIN20060606_093407_000000382048_00208_22306_0567.N1	06-JUN-2006 09:34:07	Bright	38.000	120	1Del Oph	2.7340	3200.0	76	22306	No
123	GOM_NL__2PRFIN20060606_093708_000000352048_00208_22306_0568.N1	06-JUN-2006 09:37:08	Bright	35.000	102	24Alp Ser	2.6000	4250.0	70	22306	No
124	GOM_NL__2PRFIN20060606_094153_000000382048_00208_22306_0569.N1	06-JUN-2006 09:41:53	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	22306	No
125	GOM_NL__2PRFIN20060606_094509_000000422048_00208_22306_0570.N1	06-JUN-2006 09:45:09	Bright	41.500	133	40Zet Her	2.8070	6000.0	83	22306	No
126	GOM_NL__2PRFIN20060606_095226_000000422048_00208_22306_0571.N1	06-JUN-2006 09:52:26	Bright	42.000	130	23Bet Dra	2.7990	5800.0	84	22306	No
127	GOM_NL__2PRFIN20060606_100854_000000402048_00208_22306_0572.N1	06-JUN-2006 10:08:54	Bright	39.500	76	27Gam Cas	2.3000	30000.	79	22306	No
128	GOM_NL__2PRFIN20060606_101435_000000352048_00208_22306_0573.N1	06-JUN-2006 10:14:35	Bright	35.000	73	57Gam1And	2.2600	13100.	70	22306	No
129	GOM_NL__2PRFIN20060606_101654_000000472048_00208_22306_0574.N1	06-JUN-2006 10:16:54	Bright	47.000	53	43Bet And	2.0480	3300.0	94	22306	No
130	GOM_NL__2PRFIN20060606_102101_000000412048_00208_22306_0575.N1	06-JUN-2006 10:21:01	Twilight	41.000	105	6Bet Ari	2.6450	8900.0	82	22306	No
131	GOM_NL__2PRFIN20060606_103415_000000502048_00208_22306_0576.N1	06-JUN-2006 10:34:15	Dark	49.500	52	16Bet Cet	2.0370	4500.0	99	22306	No
132	GOM_NL__2PRFIN20060606_104051_000000482048_00208_22306_0577.N1	06-JUN-2006 10:40:51	Dark	48.000	84	Alp Phe	2.3970	4500.0	96	22306	No
133	GOM_NL__2PRFIN20060606_104632_000000502048_00209_22307_0557.N1	06-JUN-2006 10:46:32	Dark	50.000	63	Bet Gru	2.1500	2800.0	100	22307	No
134	GOM_NL__2PRFIN20060606_104830_000000472048_00209_22307_0558.N1	06-JUN-2006 10:48:30	Dark	47.000	31	Alp Gru	1.7340	15200.	94	22307	No
135	GOM_NL__2PRFIN20060606_105308_000000432048_00209_22307_0559.N1	06-JUN-2006 10:53:08	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	22307	No
136	GOM_NL__2PRFIN20060606_110013_000000402048_00209_22307_0560.N1	06-JUN-2006 11:00:13	Straylight	40.000	147	Alp Ara	2.8770	26000.	80	22307	No
137	GOM_NL__2PRFIN20060606_110156_000000482048_00209_22307_0561.N1	06-JUN-2006 11:01:56	Straylight	47.500	40	The Sco	1.8590	7100.0	95	22307	No
138	GOM_NL__2PRFIN20060606_110342_000000452048_00209_22307_0562.N1	06-JUN-2006 11:03:42	Twi_and_stray	45.000	25	35Lam Sco	1.6200	28000.	90	22307	No
139	GOM_NL__2PRFIN20060606_110521_000000462048_00209_22307_0563.N1	06-JUN-2006 11:05:21	Twi_and_stray	45.500	75	26Eps Sco	2.2910	4250.0	91	22307	No
140	GOM_NL__2PRFIN20060606_110719_000000442048_00209_22307_0564.N1	06-JUN-2006 11:07:19	Bright	43.500	136	23Tau Sco	2.8220	30000.	87	22307	No
141	GOM_NL__2PRFIN20060606_111235_000000402048_00209_22307_0565.N1	06-JUN-2006 11:12:35	Bright	39.500	98	13Zet Oph	2.5710	30000.	79	22307	No
142	GOM_NL__2PRFIN20060606_111443_000000382048_00209_22307_0566.N1	06-JUN-2006 11:14:43	Bright	38.000	120	1Del Oph	2.7340	3200.0	76	22307	No
143	GOM_NL__2PRFIN20060606_111744_000000362048_00209_22307_0567.N1	06-JUN-2006 11:17:44	Bright	35.500	102	24Alp Ser	2.6000	4250.0	71	22307	No
144	GOM_NL__2PRFIN20060606_112228_000000402048_00209_22307_0568.N1	06-JUN-2006 11:22:28	Bright	39.500	127	27Bet Her	2.7810	4700.0	79	22307	No
145	GOM_NL__2PRFIN20060606_112545_000000582048_00209_22307_0569.N1	06-JUN-2006 11:25:45	Bright	57.500	133	40Zet Her	2.8070	6000.0	115	22307	No
146	GOM_NL__2PRFIN20060606_113301_000000432048_00209_22307_0570.N1	06-JUN-2006 11:33:01	Bright	43.000	130	23Bet Dra	2.7990	5800.0	86	22307	No
147	GOM_NL__2PRFIN20060606_114930_000000372048_00209_22307_0571.N1	06-JUN-2006 11:49:30	Bright	37.000	76	27Gam Cas	2.3000	30000.	74	22307	No
148	GOM_NL__2PRFIN20060606_115511_000000542048_00209_22307_0572.N1	06-JUN-2006 11:55:11	Bright	54.000	73	57Gam1And	2.2600	13100.	108	22307	No
149	GOM_NL__2PRFIN20060606_115730_000000492048_00209_22307_0573.N1	06-JUN-2006 11:57:30	Bright	49.000	53	43Bet And	2.0480	3300.0	98	22307	No
150	GOM_NL__2PRFIN20060606_120137_000000422048_00209_22307_0574.N1	06-JUN-2006 12:01:37	Twilight	41.500	105	6Bet Ari	2.6450	8900.0	83	22307	No
151	GOM_NL__2PRFIN20060606_121451_000000492048_00209_22307_0575.N1	06-JUN-2006 12:14:51	Dark	49.000	52	16Bet Cet	2.0370	4500.0	98	22307	No
152	GOM_NL__2PRFIN20060606_122127_000000402048_00209_22307_0576.N1	06-JUN-2006 12:21:27	Dark	39.500	84	Alp Phe	2.3970	4500.0	79	22307	No
153	GOM_NL__2PRFIN20060606_122709_000000482048_00210_22308_0557.N1	06-JUN-2006 12:27:09	Dark	48.000	63	Bet Gru	2.1500	2800.0	96	22308	No
154	GOM_NL__2PRFIN20060606_122907_000000512048_00210_22308_0558.N1	06-JUN-2006 12:29:07	Dark	51.000	31	Alp Gru	1.7340	15200.	102	22308	No
155	GOM_NL__2PRFIN20060606_123344_000000432048_00210_22308_0559.N1	06-JUN-2006 12:33:44	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	22308	No
156	GOM_NL__2PRFIN20060606_124050_000000392048_00210_22308_0560.N1	06-JUN-2006 12:40:50	Straylight	39.000	147	Alp Ara	2.8770	26000.	78	22308	No
157	GOM_NL__2PRFIN20060606_124233_000000462048_00210_22308_0561.N1	06-JUN-2006 12:42:33	Straylight	46.000	40	The Sco	1.8590	7100.0	92	22308	No
158	GOM_NL__2PRFIN20060606_124419_000000472048_00210_22308_0562.N1	06-JUN-2006 12:44:19	Twi_and_stray	46.500	25	35Lam Sco	1.6200	28000.	93	22308	No
159	GOM_NL__2PRFIN20060606_124557_000000452048_00210_22308_0563.N1	06-JUN-2006 12:45:57	Twi_and_stray	45.000	75	26Eps Sco	2.2910	4250.0	90	22308	No
160	GOM_NL__2PRFIN20060606_124755_000000422048_00210_22308_0564.N1	06-JUN-2006 12:47:55	Bright	41.500	136	23Tau Sco	2.8220	30000.	83	22308	No



161	GOM_NL__2PRFIN20060606_125123_000000412048_00210_22308_0565.N1	06-JUN-2006 12:51:23	Bright	40.500	86	35Eta Oph	2.4300	10200.	81	22308	No
162	GOM_NL__2PRFIN20060606_125311_000000392048_00210_22308_0566.N1	06-JUN-2006 12:53:11	Bright	39.000	98	13Zet Oph	2.5710	30000.	78	22308	No
163	GOM_NL__2PRFIN20060606_125519_000000382048_00210_22308_0567.N1	06-JUN-2006 12:55:19	Bright	37.500	120	1Del Oph	2.7340	3200.0	75	22308	No
164	GOM_NL__2PRFIN20060606_130304_000000392048_00210_22308_0568.N1	06-JUN-2006 13:03:04	Bright	39.000	127	27Bet Her	2.7810	4700.0	78	22308	No
165	GOM_NL__2PRFIN20060606_130620_000000412048_00210_22308_0569.N1	06-JUN-2006 13:06:20	Bright	41.000	133	40Zet Her	2.8070	6000.0	82	22308	No
166	GOM_NL__2PRFIN20060606_131336_000000422048_00210_22308_0570.N1	06-JUN-2006 13:13:36	Bright	42.000	130	23Bet Dra	2.7990	5800.0	84	22308	No
167	GOM_NL__2PRFIN20060606_133005_000000372048_00210_22308_0571.N1	06-JUN-2006 13:30:05	Bright	36.500	76	27Gam Cas	2.3000	30000.	73	22308	No
168	GOM_NL__2PRFIN20060606_133547_000000542048_00210_22308_0572.N1	06-JUN-2006 13:35:47	Bright	54.000	73	57Gam1And	2.2600	13100.	108	22308	No
169	GOM_NL__2PRFIN20060606_133806_000000492048_00210_22308_0573.N1	06-JUN-2006 13:38:06	Bright	49.000	53	43Bet And	2.0480	3300.0	98	22308	No
170	GOM_NL__2PRFIN20060606_134213_000000442048_00210_22308_0574.N1	06-JUN-2006 13:42:13	Twilight	43.500	105	6Bet Ari	2.6450	8900.0	87	22308	No
171	GOM_NL__2PRFIN20060606_135528_000000512048_00210_22308_0575.N1	06-JUN-2006 13:55:28	Dark	50.500	52	16Bet Cet	2.0370	4500.0	101	22308	No
172	GOM_NL__2PRFIN20060606_140204_000000482048_00210_22308_0576.N1	06-JUN-2006 14:02:04	Dark	47.500	84	Alp Phe	2.3970	4500.0	95	22308	No
173	GOM_NL__2PRFIN20060606_140746_000000552048_00211_22309_0557.N1	06-JUN-2006 14:07:46	Dark	55.000	63	Bet Gru	2.1500	2800.0	110	22309	No
174	GOM_NL__2PRFIN20060606_140944_000000482048_00211_22309_0558.N1	06-JUN-2006 14:09:44	Dark	48.000	31	Alp Gru	1.7340	15200.	96	22309	No
175	GOM_NL__2PRFIN20060606_141421_000000422048_00211_22309_0559.N1	06-JUN-2006 14:14:21	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	22309	No
176	GOM_NL__2PRFIN20060606_142126_000000382048_00211_22309_0560.N1	06-JUN-2006 14:21:26	Straylight	38.000	147	Alp Ara	2.8770	26000.	76	22309	No
177	GOM_NL__2PRFIN20060606_142309_000000432048_00211_22309_0561.N1	06-JUN-2006 14:23:09	Straylight	42.500	40	The Sco	1.8590	7100.0	85	22309	No
178	GOM_NL__2PRFIN20060606_142455_000000462048_00211_22309_0562.N1	06-JUN-2006 14:24:55	Twilight	45.500	25	35Lam Sco	1.6200	28000.	91	22309	No
179	GOM_NL__2PRFIN20060606_142633_000000452048_00211_22309_0563.N1	06-JUN-2006 14:26:33	Twilight	44.500	75	26Eps Sco	2.2910	4250.0	89	22309	No
180	GOM_NL__2PRFIN20060606_142831_000000482048_00211_22309_0564.N1	06-JUN-2006 14:28:31	Bright	48.000	136	23Tau Sco	2.8220	30000.	96	22309	No
181	GOM_NL__2PRFIN20060606_143159_000000432048_00211_22309_0565.N1	06-JUN-2006 14:31:59	Bright	42.500	86	35Eta Oph	2.4300	10200.	85	22309	No
182	GOM_NL__2PRFIN20060606_143347_000000382048_00211_22309_0566.N1	06-JUN-2006 14:33:47	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	22309	No
183	GOM_NL__2PRFIN20060606_143555_000000382048_00211_22309_0567.N1	06-JUN-2006 14:35:55	Bright	37.500	120	1Del Oph	2.7340	3200.0	75	22309	No
184	GOM_NL__2PRFIN20060606_144339_000000402048_00211_22309_0568.N1	06-JUN-2006 14:43:39	Bright	39.500	127	27Bet Her	2.7810	4700.0	79	22309	No
185	GOM_NL__2PRFIN20060606_144656_000000402048_00211_22309_0569.N1	06-JUN-2006 14:46:56	Bright	40.000	133	40Zet Her	2.8070	6000.0	80	22309	No
186	GOM_NL__2PRFIN20060606_145412_000000432048_00211_22309_0570.N1	06-JUN-2006 14:54:12	Bright	43.000	130	23Bet Dra	2.7990	5800.0	86	22309	No
187	GOM_NL__2PRFIN20060606_151041_000000362048_00211_22309_0571.N1	06-JUN-2006 15:10:41	Bright	36.000	76	27Gam Cas	2.3000	30000.	72	22309	No
188	GOM_NL__2PRFIN20060606_151623_000000442048_00211_22309_0572.N1	06-JUN-2006 15:16:23	Bright	44.000	73	57Gam1And	2.2600	13100.	88	22309	No
189	GOM_NL__2PRFIN20060606_151842_000000482048_00211_22309_0573.N1	06-JUN-2006 15:18:42	Bright	48.000	53	43Bet And	2.0480	3300.0	96	22309	No
190	GOM_NL__2PRFIN20060606_152249_000000422048_00211_22309_0574.N1	06-JUN-2006 15:22:49	Twilight	41.500	105	6Bet Ari	2.6450	8900.0	83	22309	No
191	GOM_NL__2PRFIN20060606_153605_000000492048_00211_22309_0575.N1	06-JUN-2006 15:36:05	Dark	48.500	52	16Bet Cet	2.0370	4500.0	97	22309	No
192	GOM_NL__2PRFIN20060606_154241_000000442048_00211_22309_0576.N1	06-JUN-2006 15:42:41	Dark	44.000	84	Alp Phe	2.3970	4500.0	88	22309	No
193	GOM_NL__2PRFIN20060606_154822_000000492048_00212_22310_0557.N1	06-JUN-2006 15:48:22	Dark	48.500	63	Bet Gru	2.1500	2800.0	97	22310	No
194	GOM_NL__2PRFIN20060606_155020_000000482048_00212_22310_0558.N1	06-JUN-2006 15:50:20	Dark	47.500	31	Alp Gru	1.7340	15200.	95	22310	No
195	GOM_NL__2PRFIN20060606_155457_000000422048_00212_22310_0559.N1	06-JUN-2006 15:54:57	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	22310	No
196	GOM_NL__2PRFIN20060606_160202_000000382048_00212_22310_0560.N1	06-JUN-2006 16:02:02	Straylight	38.000	147	Alp Ara	2.8770	26000.	76	22310	No
197	GOM_NL__2PRFIN20060606_160345_000000472048_00212_22310_0561.N1	06-JUN-2006 16:03:45	Straylight	46.500	40	The Sco	1.8590	7100.0	93	22310	No
198	GOM_NL__2PRFIN20060606_160531_000000422048_00212_22310_0562.N1	06-JUN-2006 16:05:31	Twilight	41.500	25	35Lam Sco	1.6200	28000.	83	22310	No
199	GOM_NL__2PRFIN20060606_160709_000000462048_00212_22310_0563.N1	06-JUN-2006 16:07:09	Twilight	45.500	75	26Eps Sco	2.2910	4250.0	91	22310	No
200	GOM_NL__2PRFIN20060606_160907_000000442048_00212_22310_0564.N1	06-JUN-2006 16:09:07	Bright	44.000	136	23Tau Sco	2.8220	30000.	88	22310	No
201	GOM_NL__2PRFIN20060606_161235_000000432048_00212_22310_0565.N1	06-JUN-2006 16:12:35	Bright	42.500	86	35Eta Oph	2.4300	10200.	85	22310	No
202	GOM_NL__2PRFIN20060606_161423_000000382048_00212_22310_0566.N1	06-JUN-2006 16:14:23	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	22310	No
203	GOM_NL__2PRFIN20060606_161631_000000382048_00212_22310_0567.N1	06-JUN-2006 16:16:31	Bright	37.500	120	1Del Oph	2.7340	3200.0	75	22310	No
204	GOM_NL__2PRFIN20060606_162415_000000392048_00212_22310_0568.N1	06-JUN-2006 16:24:15	Bright	38.500	127	27Bet Her	2.7810	4700.0	77	22310	No
205	GOM_NL__2PRFIN20060606_162732_000000422048_00212_22310_0569.N1	06-JUN-2006 16:27:32	Bright	41.500	133	40Zet Her	2.8070	6000.0	83	22310	No
206	GOM_NL__2PRFIN20060606_163447_000000442048_00212_22310_0570.N1	06-JUN-2006 16:34:47	Bright	43.500	130	23Bet Dra	2.7990	5800.0	87	22310	No
207	GOM_NL__2PRFIN20060606_165117_000000452048_00212_22310_0571.N1	06-JUN-2006 16:51:17	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	22310	No
208	GOM_NL__2PRFIN20060606_165659_000000362048_00212_22310_0572.N1	06-JUN-2006 16:56:59	Bright	35.500	73	57Gam1And	2.2600	13100.	71	22310	No
209	GOM_NL__2PRFIN20060606_165918_000000492048_00212_22310_0573.N1	06-JUN-2006 16:59:18	Bright	48.500	53	43Bet And	2.0480	3300.0	97	22310	No
210	GOM_NL__2PRFIN20060606_170325_000000402048_00212_22310_0574.N1	06-JUN-2006 17:03:25	Twilight	40.000	105	6Bet Ari	2.6450	8900.0	80	22310	No
211	GOM_NL__2PRFIN20060606_171642_000000492048_00212_22310_0575.N1	06-JUN-2006 17:16:42	Dark	48.500	52	16Bet Cet	2.0370	4500.0	97	22310	No
212	GOM_NL__2PRFIN20060606_172317_000000452048_00212_22310_0576.N1	06-JUN-2006 17:23:17	Dark	45.000	84	Alp Phe	2.3970	4500.0	90	22310	No
213	GOM_NL__2PRFIN20060606_172859_000000492048_00213_22311_0577.N1	06-JUN-2006 17:28:59	Dark	49.000	63	Bet Gru	2.1500	2800.0	98	22311	No
214	GOM_NL__2PRFIN20060606_173058_000000482048_00213_22311_0578.N1	06-JUN-2006 17:30:58	Dark	47.500	31	Alp Gru	1.7340	15200.	95	22311	No
215	GOM_NL__2PRFIN20060606_173534_000000432048_00213_22311_0579.N1	06-JUN-2006 17:35:34	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	22311	No
216	GOM_NL__2PRFIN20060606_174239_000000382048_00213_22311_0580.N1	06-JUN-2006 17:42:39	Straylight	38.000	147	Alp Ara	2.8770	26000.	76	22311	No
217	GOM_NL__2PRFIN20060606_174422_000000482048_00213_22311_0581.N1	06-JUN-2006 17:44:22	Straylight	47.500	40	The Sco	1.8590	7100.0	95	22311	No
218	GOM_NL__2PRFIN20060606_174608_000000462048_00213_22311_0582.N1	06-JUN-2006 17:46:08	Twilight	46.000	25	35Lam Sco	1.6200	28000.	92	22311	No
219	GOM_NL__2PRFIN20060606_174746_000000442048_00213_22311_0583.N1	06-JUN-2006 17:47:46	Twilight	43.500	75	26Eps Sco	2.2910	4250.0	87	22311	No



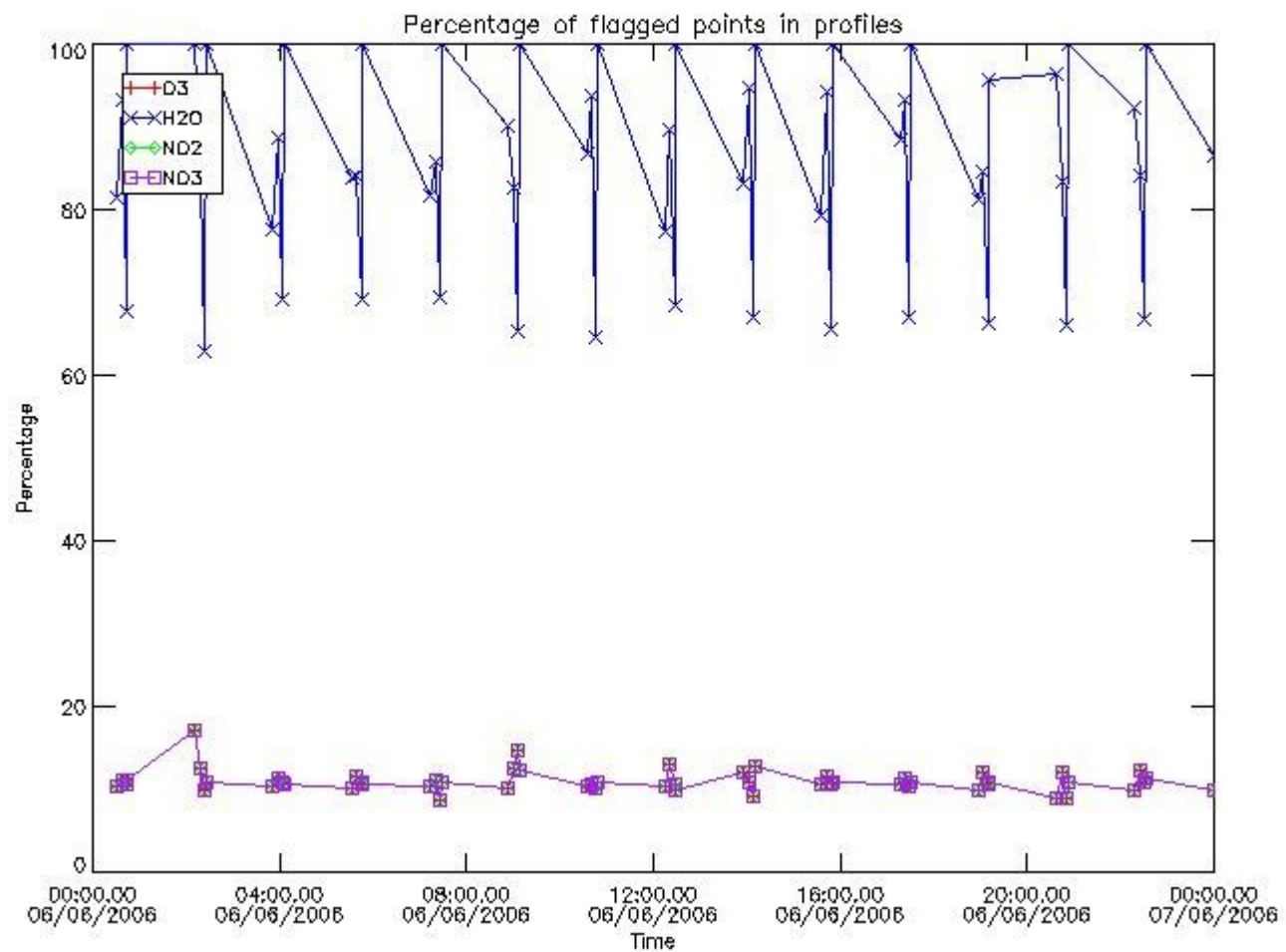
220	GOM_NL__2PRFIN20060606_174943_000000432048_00213_22311_0584.N1	06-JUN-2006 17:49:43	Bright	43.000	136	23Tau Sco	2.8220	30000.	86	22311	No
221	GOM_NL__2PRFIN20060606_175311_000000432048_00213_22311_0585.N1	06-JUN-2006 17:53:11	Bright	43.000	86	35Eta Oph	2.4300	10200.	86	22311	No
222	GOM_NL__2PRFIN20060606_175459_000000402048_00213_22311_0586.N1	06-JUN-2006 17:54:59	Bright	39.500	98	13Zet Oph	2.5710	30000.	79	22311	No
223	GOM_NL__2PRFIN20060606_175708_000000382048_00213_22311_0587.N1	06-JUN-2006 17:57:08	Bright	38.000	120	1Del Oph	2.7340	3200.0	76	22311	No
224	GOM_NL__2PRFIN20060606_180451_000000412048_00213_22311_0588.N1	06-JUN-2006 18:04:51	Bright	40.500	127	27Bet Her	2.7810	4700.0	81	22311	No
225	GOM_NL__2PRFIN20060606_180807_000000402048_00213_22311_0589.N1	06-JUN-2006 18:08:07	Bright	40.000	133	40Zet Her	2.8070	6000.0	80	22311	No
226	GOM_NL__2PRFIN20060606_181523_000000442048_00213_22311_0590.N1	06-JUN-2006 18:15:23	Bright	44.000	130	23Bet Dra	2.7990	5800.0	88	22311	No
227	GOM_NL__2PRFIN20060606_183153_000000362048_00213_22311_0591.N1	06-JUN-2006 18:31:53	Bright	36.000	76	27Gam Cas	2.3000	30000.	72	22311	No
228	GOM_NL__2PRFIN20060606_183735_000000362048_00213_22311_0592.N1	06-JUN-2006 18:37:35	Bright	36.000	73	57Gam1And	2.2600	13100.	72	22311	No
229	GOM_NL__2PRFIN20060606_183954_000000472048_00213_22311_0593.N1	06-JUN-2006 18:39:54	Bright	46.500	53	43Bet And	2.0480	3300.0	93	22311	No
230	GOM_NL__2PRFIN20060606_184401_000000452048_00213_22311_0594.N1	06-JUN-2006 18:44:01	Twilight	44.500	105	6Bet Ari	2.6450	8900.0	89	22311	No
231	GOM_NL__2PRFIN20060606_185719_000000512048_00213_22311_0595.N1	06-JUN-2006 18:57:19	Dark	51.000	52	16Bet Cet	2.0370	4500.0	102	22311	No
232	GOM_NL__2PRFIN20060606_190354_000000432048_00213_22311_0596.N1	06-JUN-2006 19:03:54	Dark	42.500	84	Alp Phe	2.3970	4500.0	85	22311	No
233	GOM_NL__2PRFIN20060606_190936_000000482048_00214_22312_0577.N1	06-JUN-2006 19:09:36	Dark	48.000	63	Bet Gru	2.1500	2800.0	96	22312	No
234	GOM_NL__2PRFIN20060606_191134_000000472048_00214_22312_0578.N1	06-JUN-2006 19:11:34	Dark	46.500	31	Alp Gru	1.7340	15200.	93	22312	No
235	GOM_NL__2PRFIN20060606_191611_000000422048_00214_22312_0579.N1	06-JUN-2006 19:16:11	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	22312	No
236	GOM_NL__2PRFIN20060606_192315_000000382048_00214_22312_0580.N1	06-JUN-2006 19:23:15	Straylight	37.500	147	Alp Ara	2.8770	26000.	75	22312	No
237	GOM_NL__2PRFIN20060606_192458_000000432048_00214_22312_0581.N1	06-JUN-2006 19:24:58	Straylight	42.500	40	The Sco	1.8590	7100.0	85	22312	No
238	GOM_NL__2PRFIN20060606_192644_000000462048_00214_22312_0582.N1	06-JUN-2006 19:26:44	Tw_i_and_stray	46.000	25	35Lam Sco	1.6200	28000.	92	22312	No
239	GOM_NL__2PRFIN20060606_192822_000000452048_00214_22312_0583.N1	06-JUN-2006 19:28:22	Tw_i_and_stray	45.000	75	26Eps Sco	2.2910	4250.0	90	22312	No
240	GOM_NL__2PRFIN20060606_193116_000000442048_00214_22312_0584.N1	06-JUN-2006 19:31:16	Bright	43.500	156	20Sig Sco	2.9030	28000.	87	22312	No
241	GOM_NL__2PRFIN20060606_193347_000000422048_00214_22312_0585.N1	06-JUN-2006 19:33:47	Bright	42.000	86	35Eta Oph	2.4300	10200.	84	22312	No
242	GOM_NL__2PRFIN20060606_193535_000000402048_00214_22312_0586.N1	06-JUN-2006 19:35:35	Bright	39.500	98	13Zet Oph	2.5710	30000.	79	22312	No
243	GOM_NL__2PRFIN20060606_193744_000000382048_00214_22312_0587.N1	06-JUN-2006 19:37:44	Bright	38.000	120	1Del Oph	2.7340	3200.0	76	22312	No
244	GOM_NL__2PRFIN20060606_194527_000000402048_00214_22312_0588.N1	06-JUN-2006 19:45:27	Bright	39.500	127	27Bet Her	2.7810	4700.0	79	22312	No
245	GOM_NL__2PRFIN20060606_194843_000000402048_00214_22312_0589.N1	06-JUN-2006 19:48:43	Bright	40.000	133	40Zet Her	2.8070	6000.0	80	22312	No
246	GOM_NL__2PRFIN20060606_195558_000000432048_00214_22312_0590.N1	06-JUN-2006 19:55:58	Bright	43.000	130	23Bet Dra	2.7990	5800.0	86	22312	No
247	GOM_NL__2PRFIN20060606_201229_000000382048_00214_22312_0591.N1	06-JUN-2006 20:12:29	Bright	38.000	76	27Gam Cas	2.3000	30000.	76	22312	No
248	GOM_NL__2PRFIN20060606_201811_000000362048_00214_22312_0592.N1	06-JUN-2006 20:18:11	Bright	36.000	73	57Gam1And	2.2600	13100.	72	22312	No
249	GOM_NL__2PRFIN20060606_202030_000000502048_00214_22312_0593.N1	06-JUN-2006 20:20:30	Bright	50.000	53	43Bet And	2.0480	3300.0	100	22312	No
250	GOM_NL__2PRFIN20060606_202438_000000422048_00214_22312_0594.N1	06-JUN-2006 20:24:38	Twilight	41.500	105	6Bet Ari	2.6450	8900.0	83	22312	No
251	GOM_NL__2PRFIN20060606_203755_000000582048_00214_22312_0595.N1	06-JUN-2006 20:37:55	Dark	57.500	52	16Bet Cet	2.0370	4500.0	115	22312	No
252	GOM_NL__2PRFIN20060606_204430_000000432048_00214_22312_0596.N1	06-JUN-2006 20:44:30	Dark	42.500	84	Alp Phe	2.3970	4500.0	85	22312	No
253	GOM_NL__2PRFIN20060606_205013_000000572048_00215_22313_0577.N1	06-JUN-2006 20:50:13	Dark	56.500	63	Bet Gru	2.1500	2800.0	113	22313	No
254	GOM_NL__2PRFIN20060606_205211_000000472048_00215_22313_0578.N1	06-JUN-2006 20:52:11	Dark	47.000	31	Alp Gru	1.7340	15200.	94	22313	No
255	GOM_NL__2PRFIN20060606_205647_000000422048_00215_22313_0579.N1	06-JUN-2006 20:56:47	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	22313	No
256	GOM_NL__2PRFIN20060606_210351_000000392048_00215_22313_0580.N1	06-JUN-2006 21:03:51	Straylight	38.500	147	Alp Ara	2.8770	26000.	77	22313	No
257	GOM_NL__2PRFIN20060606_210534_000000422048_00215_22313_0581.N1	06-JUN-2006 21:05:34	Straylight	42.000	40	The Sco	1.8590	7100.0	84	22313	No
258	GOM_NL__2PRFIN20060606_210720_000000472048_00215_22313_0582.N1	06-JUN-2006 21:07:20	Tw_i_and_stray	47.000	25	35Lam Sco	1.6200	28000.	94	22313	No
259	GOM_NL__2PRFIN20060606_210858_000000462048_00215_22313_0583.N1	06-JUN-2006 21:08:58	Tw_i_and_stray	46.000	75	26Eps Sco	2.2910	4250.0	92	22313	No
260	GOM_NL__2PRFIN20060606_211152_000000402048_00215_22313_0584.N1	06-JUN-2006 21:11:52	Bright	39.500	156	20Sig Sco	2.9030	28000.	79	22313	No
261	GOM_NL__2PRFIN20060606_211423_000000422048_00215_22313_0585.N1	06-JUN-2006 21:14:23	Bright	42.000	86	35Eta Oph	2.4300	10200.	84	22313	No
262	GOM_NL__2PRFIN20060606_211611_000000382048_00215_22313_0586.N1	06-JUN-2006 21:16:11	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	22313	No
263	GOM_NL__2PRFIN20060606_211819_000000382048_00215_22313_0587.N1	06-JUN-2006 21:18:19	Bright	37.500	120	1Del Oph	2.7340	3200.0	75	22313	No
264	GOM_NL__2PRFIN20060606_212602_000000422048_00215_22313_0588.N1	06-JUN-2006 21:26:02	Bright	41.500	127	27Bet Her	2.7810	4700.0	83	22313	No
265	GOM_NL__2PRFIN20060606_212918_000000422048_00215_22313_0589.N1	06-JUN-2006 21:29:18	Bright	41.500	133	40Zet Her	2.8070	6000.0	83	22313	No
266	GOM_NL__2PRFIN20060606_213633_000000442048_00215_22313_0590.N1	06-JUN-2006 21:36:33	Bright	44.000	130	23Bet Dra	2.7990	5800.0	88	22313	No
267	GOM_NL__2PRFIN20060606_215305_000000382048_00215_22313_0591.N1	06-JUN-2006 21:53:05	Bright	38.000	76	27Gam Cas	2.3000	30000.	76	22313	No
268	GOM_NL__2PRFIN20060606_215847_000000382048_00215_22313_0592.N1	06-JUN-2006 21:58:47	Bright	37.500	73	57Gam1And	2.2600	13100.	75	22313	No
269	GOM_NL__2PRFIN20060606_220106_000000472048_00215_22313_0593.N1	06-JUN-2006 22:01:06	Bright	47.000	53	43Bet And	2.0480	3300.0	94	22313	No
270	GOM_NL__2PRFIN20060606_220514_000000412048_00215_22313_0594.N1	06-JUN-2006 22:05:14	Twilight	41.000	105	6Bet Ari	2.6450	8900.0	82	22313	No
271	GOM_NL__2PRFIN20060606_221832_000000522048_00215_22313_0595.N1	06-JUN-2006 22:18:32	Dark	52.000	52	16Bet Cet	2.0370	4500.0	104	22313	No
272	GOM_NL__2PRFIN20060606_222507_000000422048_00215_22313_0596.N1	06-JUN-2006 22:25:07	Dark	41.500	84	Alp Phe	2.3970	4500.0	83	22313	No
273	GOM_NL__2PRFIN20060606_223050_000000612048_00216_22314_0577.N1	06-JUN-2006 22:30:50	Dark	60.500	63	Bet Gru	2.1500	2800.0	121	22314	No
274	GOM_NL__2PRFIN20060606_223248_000000452048_00216_22314_0578.N1	06-JUN-2006 22:32:48	Dark	45.000	31	Alp Gru	1.7340	15200.	90	22314	No
275	GOM_NL__2PRFIN20060606_223724_000000432048_00216_22314_0579.N1	06-JUN-2006 22:37:24	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	22314	No
276	GOM_NL__2PRFIN20060606_224428_000000402048_00216_22314_0580.N1	06-JUN-2006 22:44:28	Straylight	39.500	147	Alp Ara	2.8770	26000.	79	22314	No
277	GOM_NL__2PRFIN20060606_224611_000000452048_00216_22314_0581.N1	06-JUN-2006 22:46:11	Straylight	45.000	40	The Sco	1.8590	7100.0	90	22314	No
278	GOM_NL__2PRFIN20060606_224756_000000462048_00216_22314_0582.N1	06-JUN-2006 22:47:56	Tw_i_and_stray	45.500	25	35Lam Sco	1.6200	28000.	91	22314	No

279	GOM_NL__2PRFIN20060606_224934_000000442048_00216_22314_0583.N1	06-JUN-2006 22:49:34	Twilight	44.000	75	26Eps Sco	2.2910	4250.0	88	22314	No
280	GOM_NL__2PRFIN20060606_225208_000000442048_00216_22314_0584.N1	06-JUN-2006 22:52:08	Bright	43.500	16	21Alp Sco	1.0200	3000.0	87	22314	No
281	GOM_NL__2PRFIN20060606_225459_000000412048_00216_22314_0585.N1	06-JUN-2006 22:54:59	Bright	41.000	86	35Eta Oph	2.4300	10200.	82	22314	No
282	GOM_NL__2PRFIN20060606_225647_000000392048_00216_22314_0586.N1	06-JUN-2006 22:56:47	Bright	38.500	98	13Zet Oph	2.5710	30000.	77	22314	No
283	GOM_NL__2PRFIN20060606_225855_000000382048_00216_22314_0587.N1	06-JUN-2006 22:58:55	Bright	38.000	120	1Del Oph	2.7340	3200.0	76	22314	No
284	GOM_NL__2PRFIN20060606_230638_000000412048_00216_22314_0588.N1	06-JUN-2006 23:06:38	Bright	40.500	127	27Bet Her	2.7810	4700.0	81	22314	No
285	GOM_NL__2PRFIN20060606_230954_000000392048_00216_22314_0589.N1	06-JUN-2006 23:09:54	Bright	39.000	133	40Zet Her	2.8070	6000.0	78	22314	No
286	GOM_NL__2PRFIN20060606_231709_000000432048_00216_22314_0590.N1	06-JUN-2006 23:17:09	Bright	43.000	130	23Bet Dra	2.7990	5800.0	86	22314	No
287	GOM_NL__2PRFIN20060606_233340_000000372048_00216_22314_0591.N1	06-JUN-2006 23:33:40	Bright	36.500	76	27Gam Cas	2.3000	30000.	73	22314	No
288	GOM_NL__2PRFIN20060606_233923_000000382048_00216_22314_0592.N1	06-JUN-2006 23:39:23	Bright	37.500	73	57Gam1And	2.2600	13100.	75	22314	No
289	GOM_NL__2PRFIN20060606_234142_000000502048_00216_22314_0593.N1	06-JUN-2006 23:41:42	Bright	49.500	53	43Bet And	2.0480	3300.0	99	22314	No
290	GOM_NL__2PRFIN20060606_234550_000000432048_00216_22314_0594.N1	06-JUN-2006 23:45:50	Twilight	43.000	105	6Bet Ari	2.6450	8900.0	86	22314	No
291	GOM_NL__2PRFIN20060606_235908_000000522048_00216_22314_0595.N1	06-JUN-2006 23:59:08	Dark	52.000	52	16Bet Cet	2.0370	4500.0	104	22314	No

### 3. Quality information per product

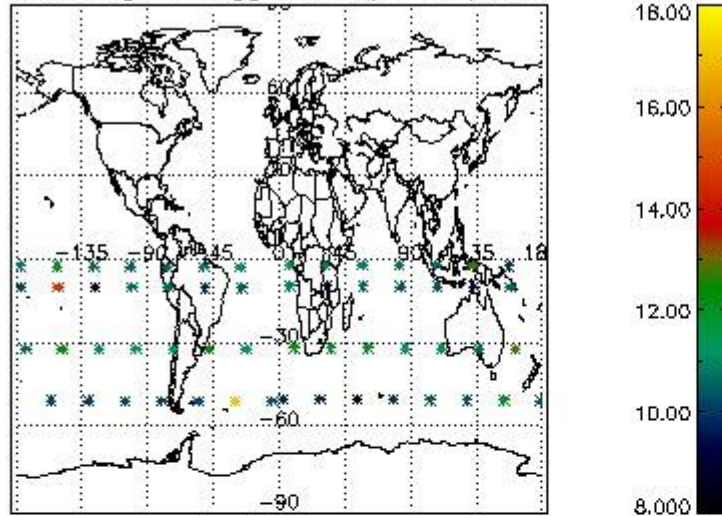
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

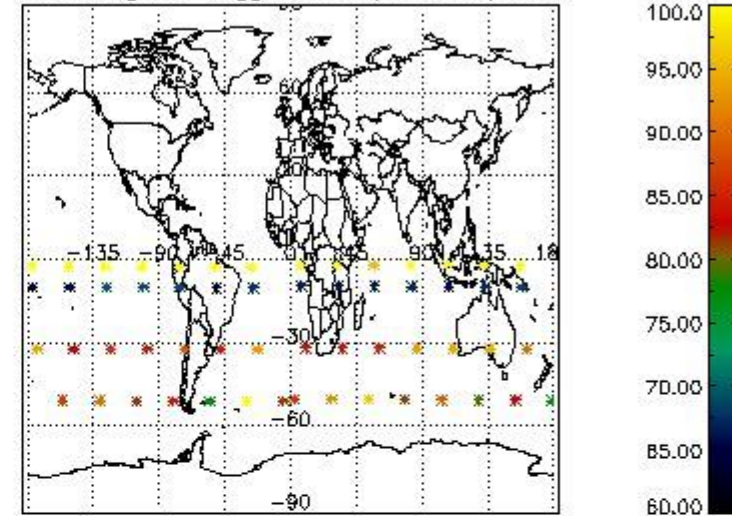


#### 3.2 Plot quality information per product (world map)

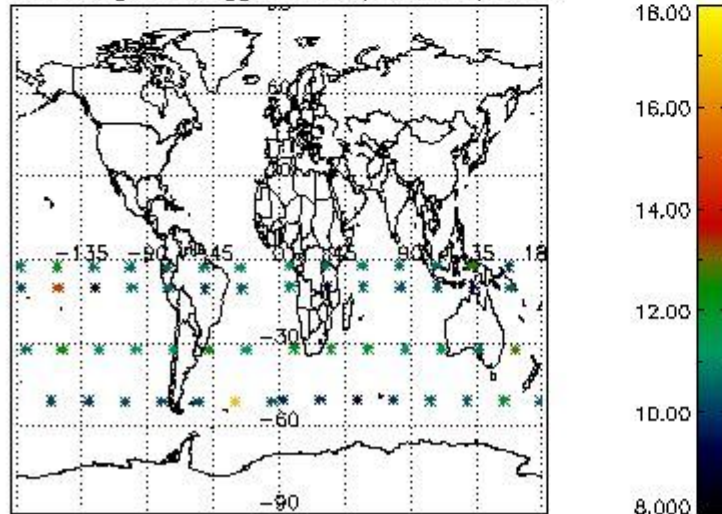
Percentage of flagged data per O3 profile



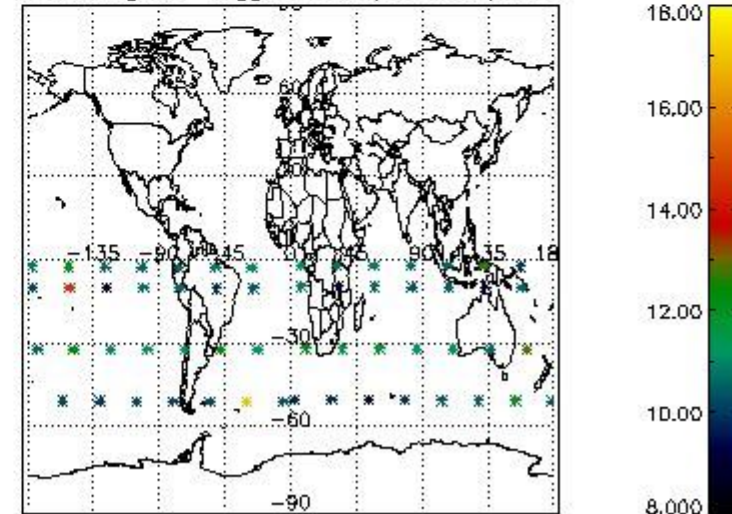
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



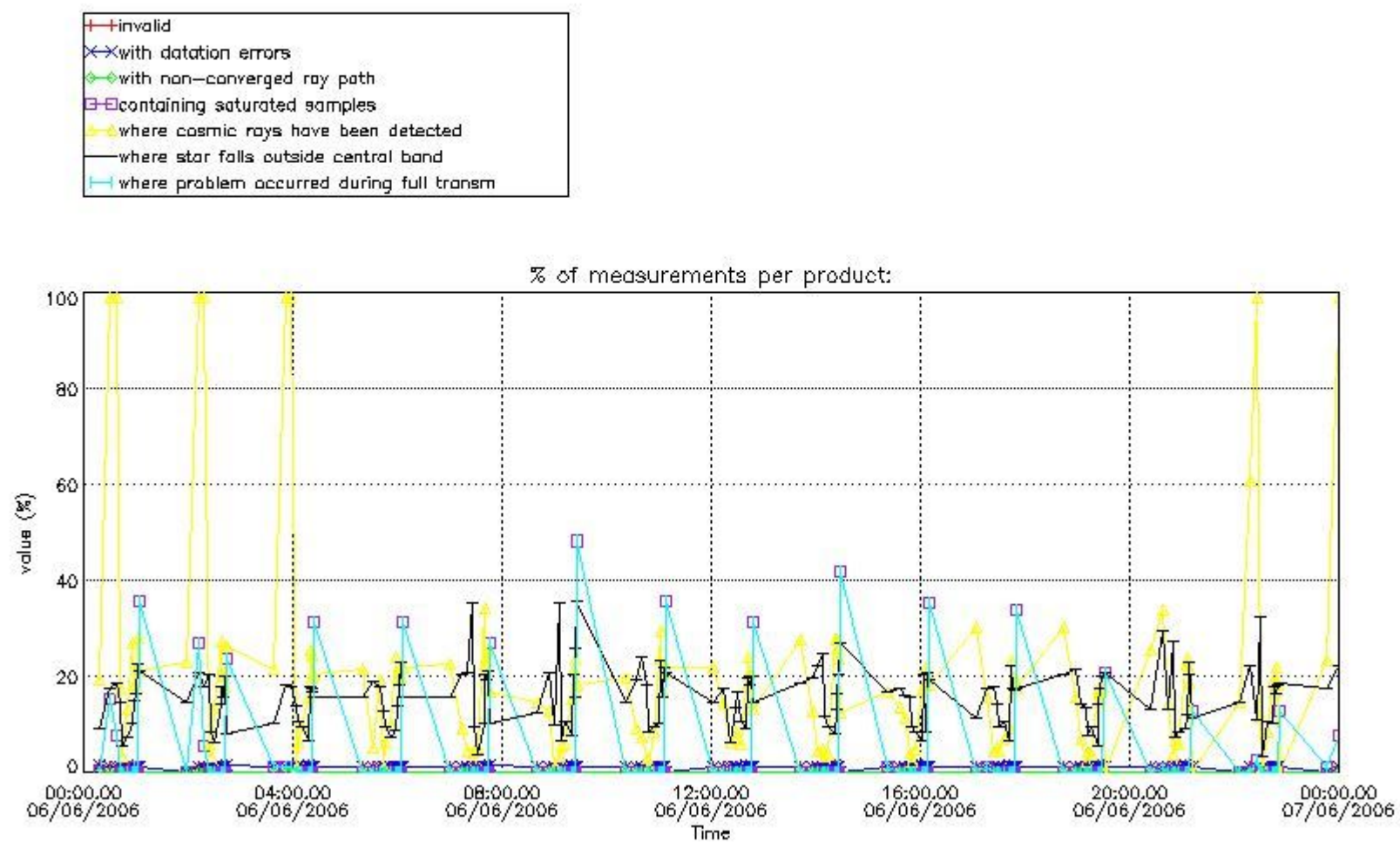
#### 4. Level 1 quality information per product

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

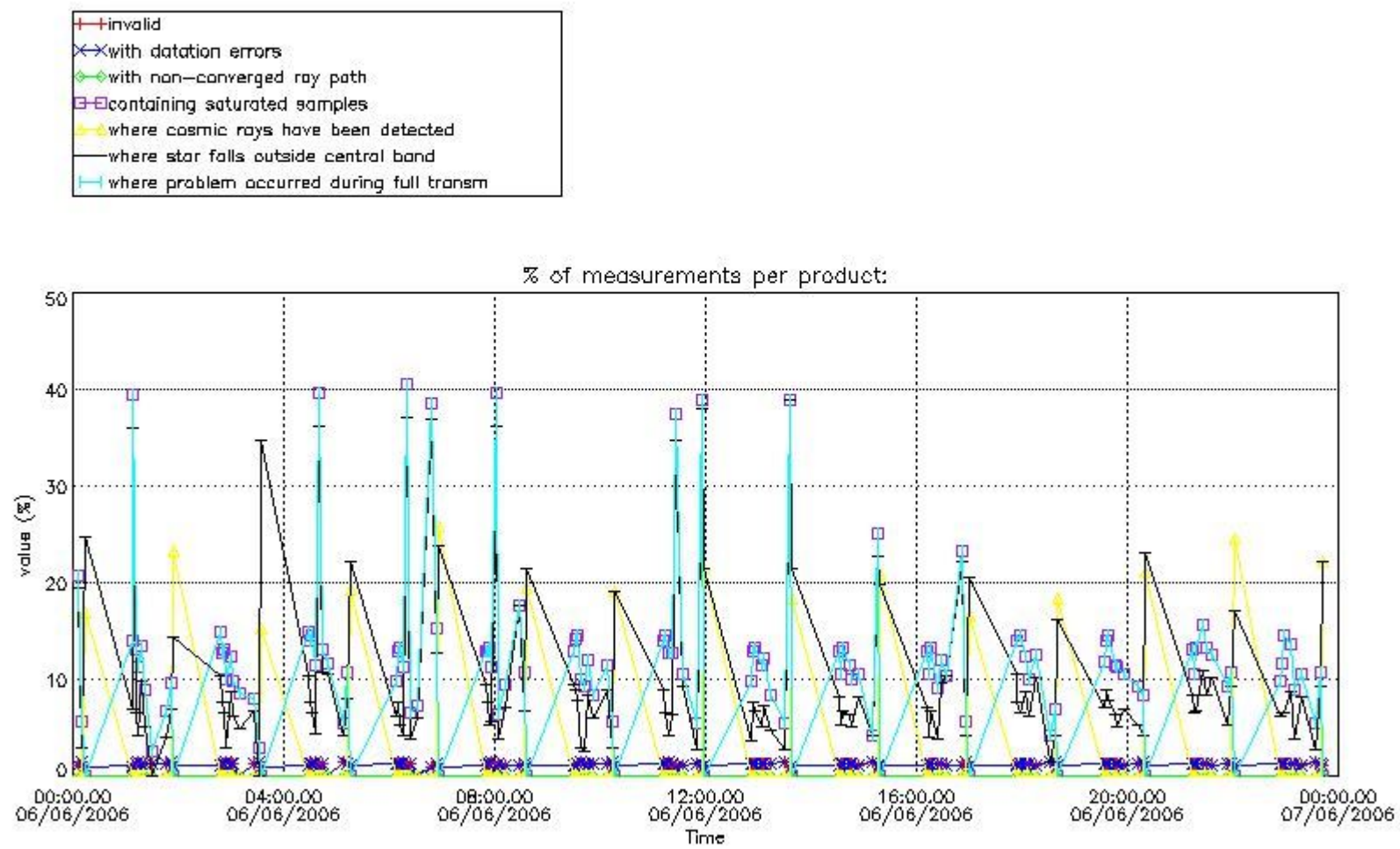
###### 4.1.1 Plot level 1 quality information per product (time dependant): ENVISAT ASCENDING passes





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

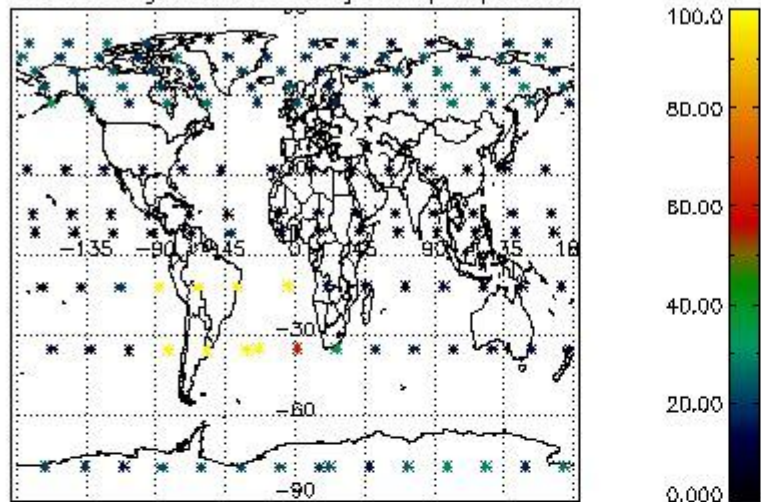




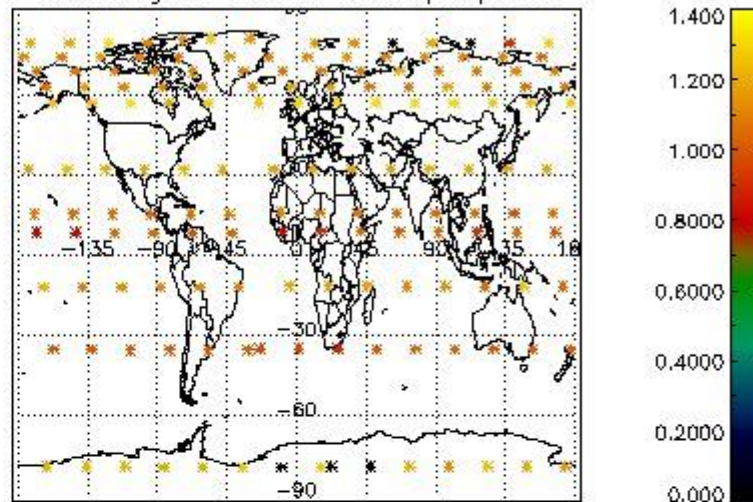
#### 4.2 Plot quality information per product coming from level 1b processing (world map)

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

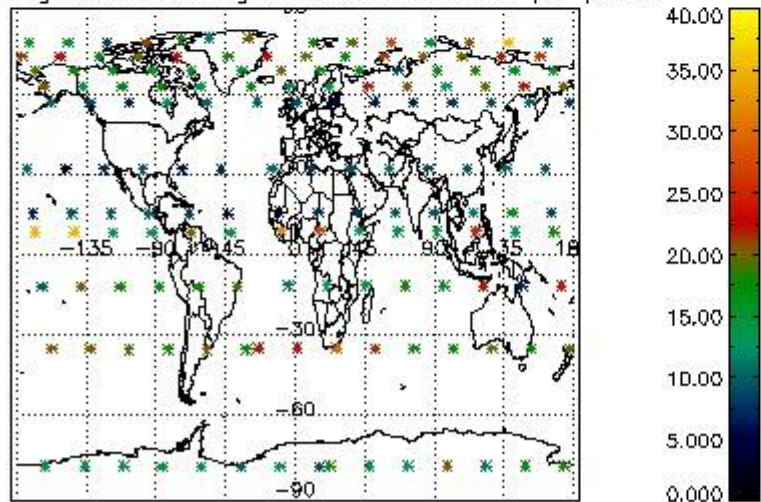
Percentage of cosmic ray hits per profile



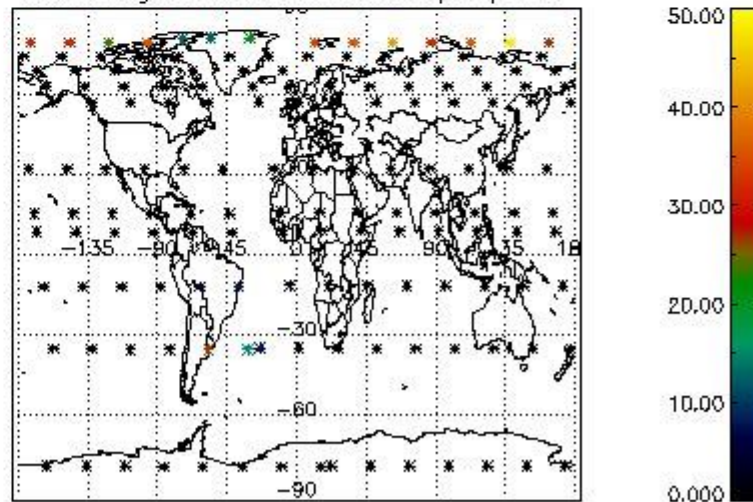
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

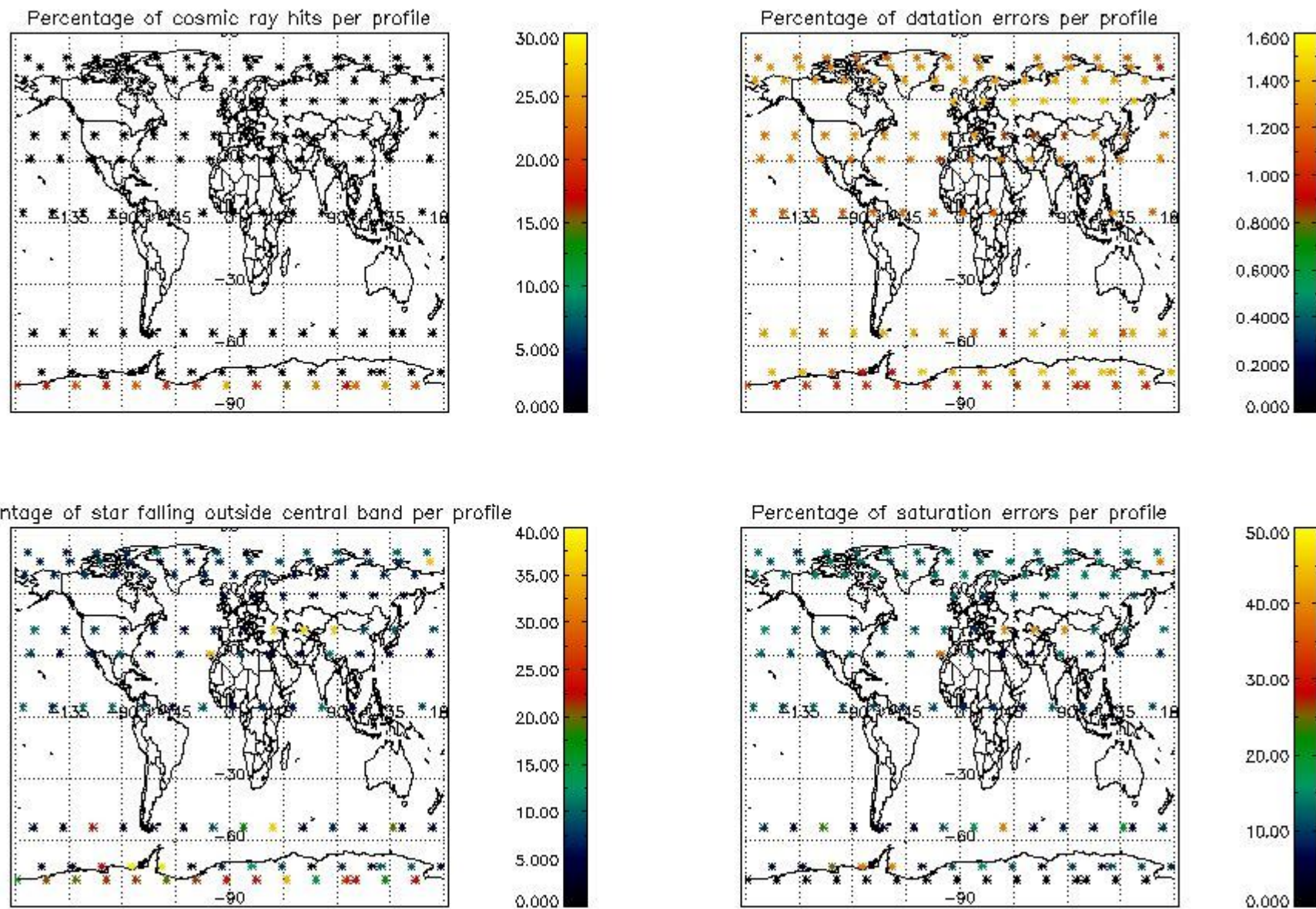


Percentage of saturation errors per profile



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

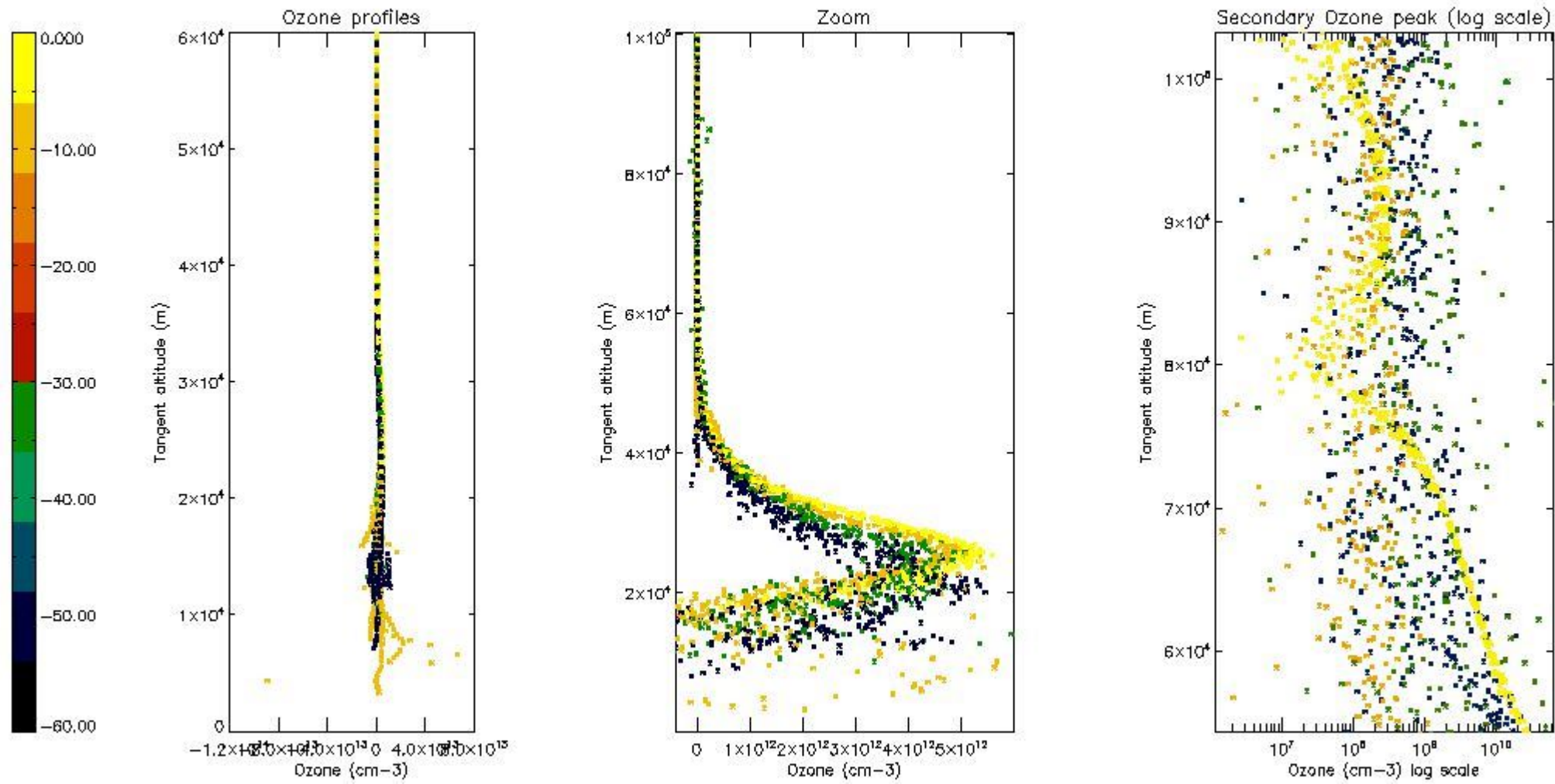
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

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

STD < 10	5
STD < 5	3

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

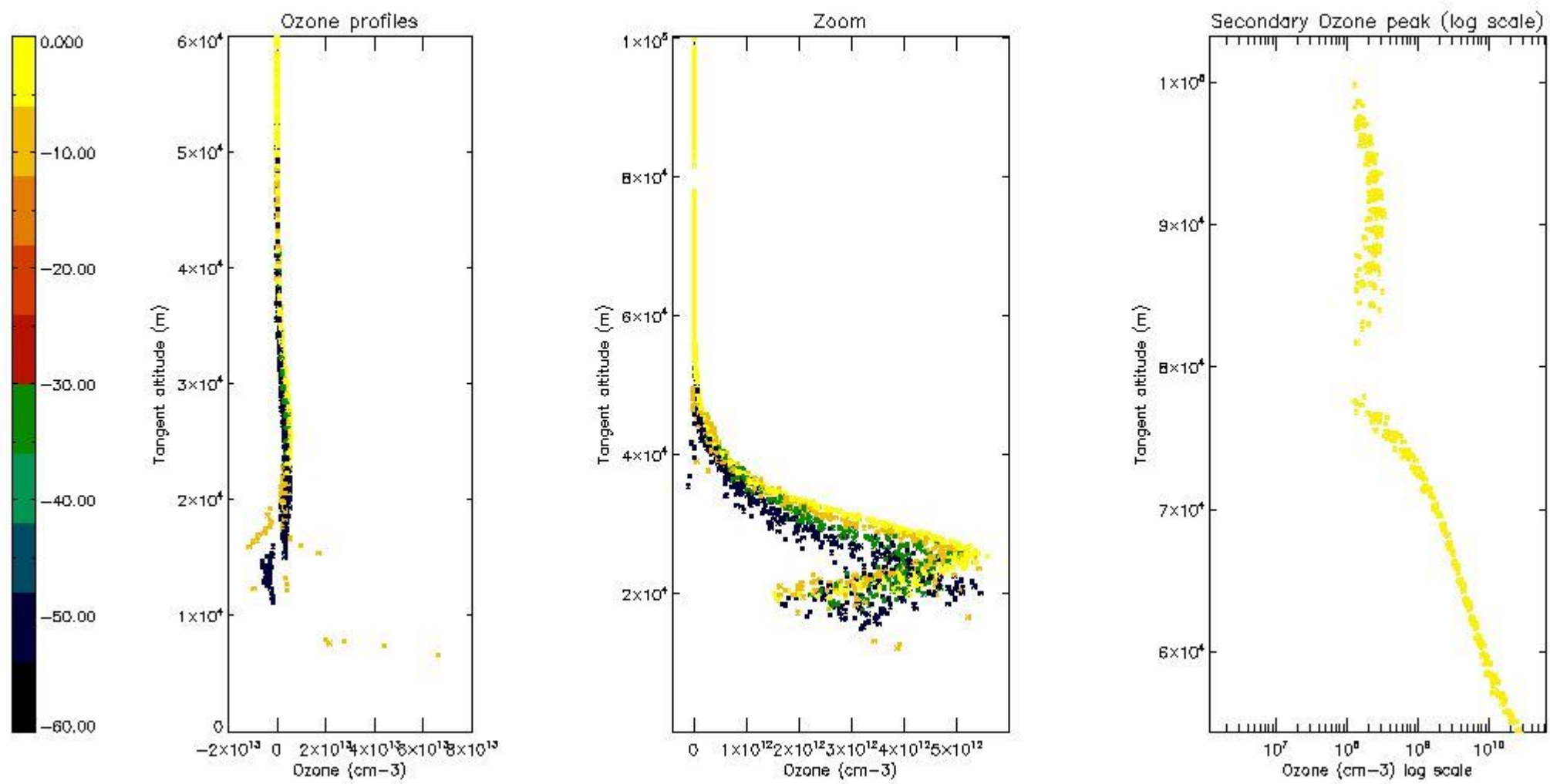
The colorbar represents the latitude.



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

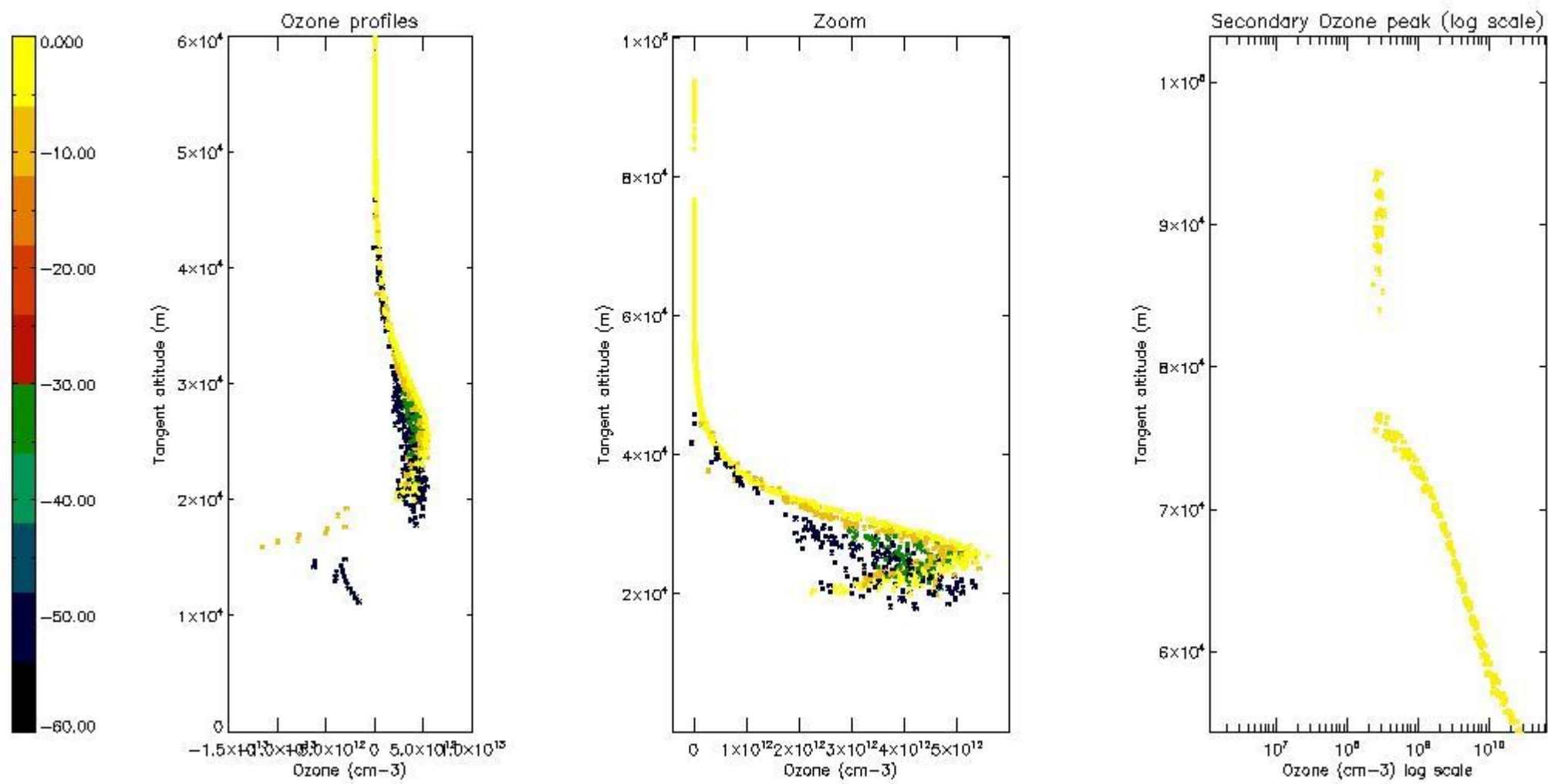
The colorbar represents the latitude.





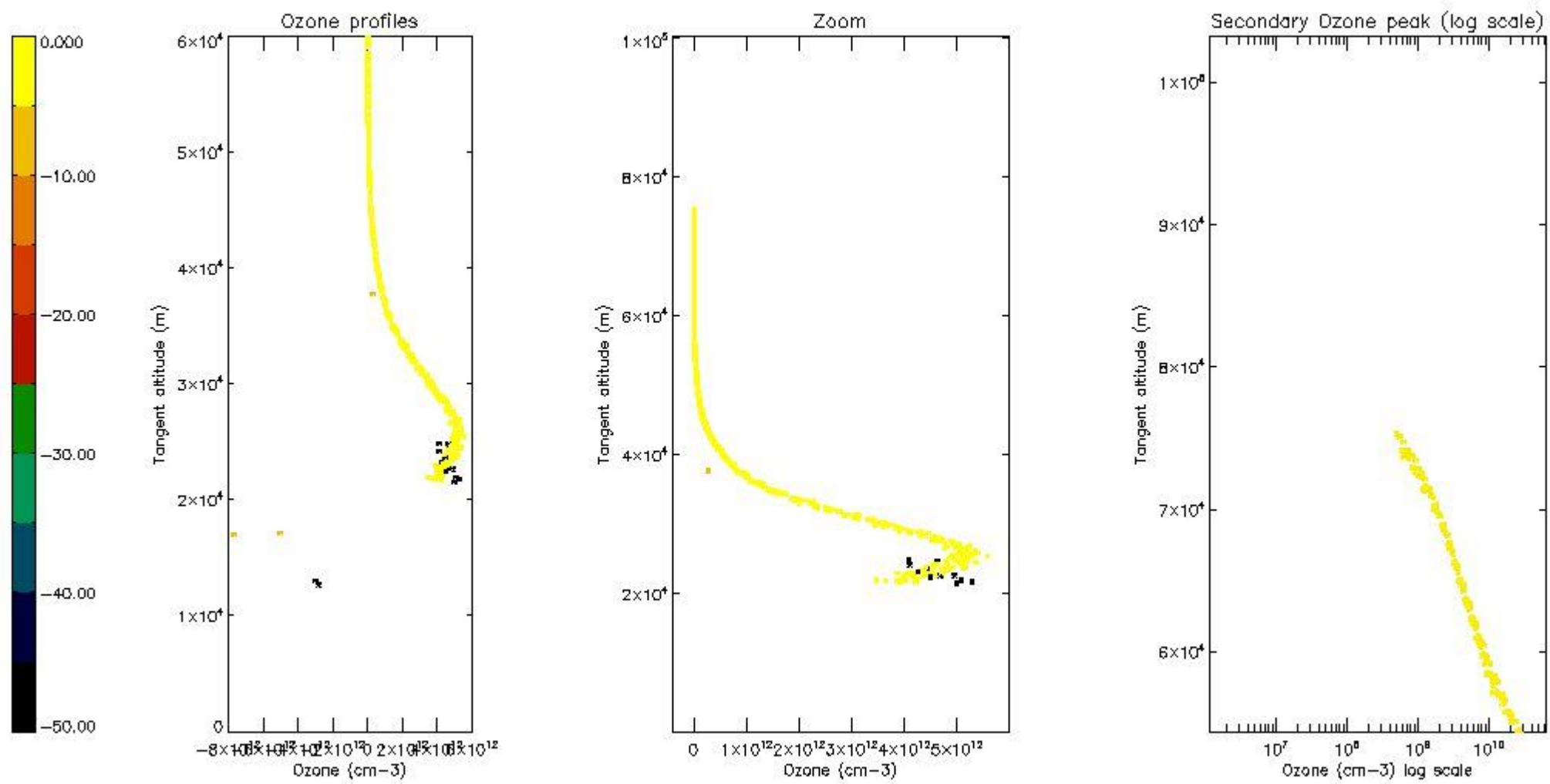
*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



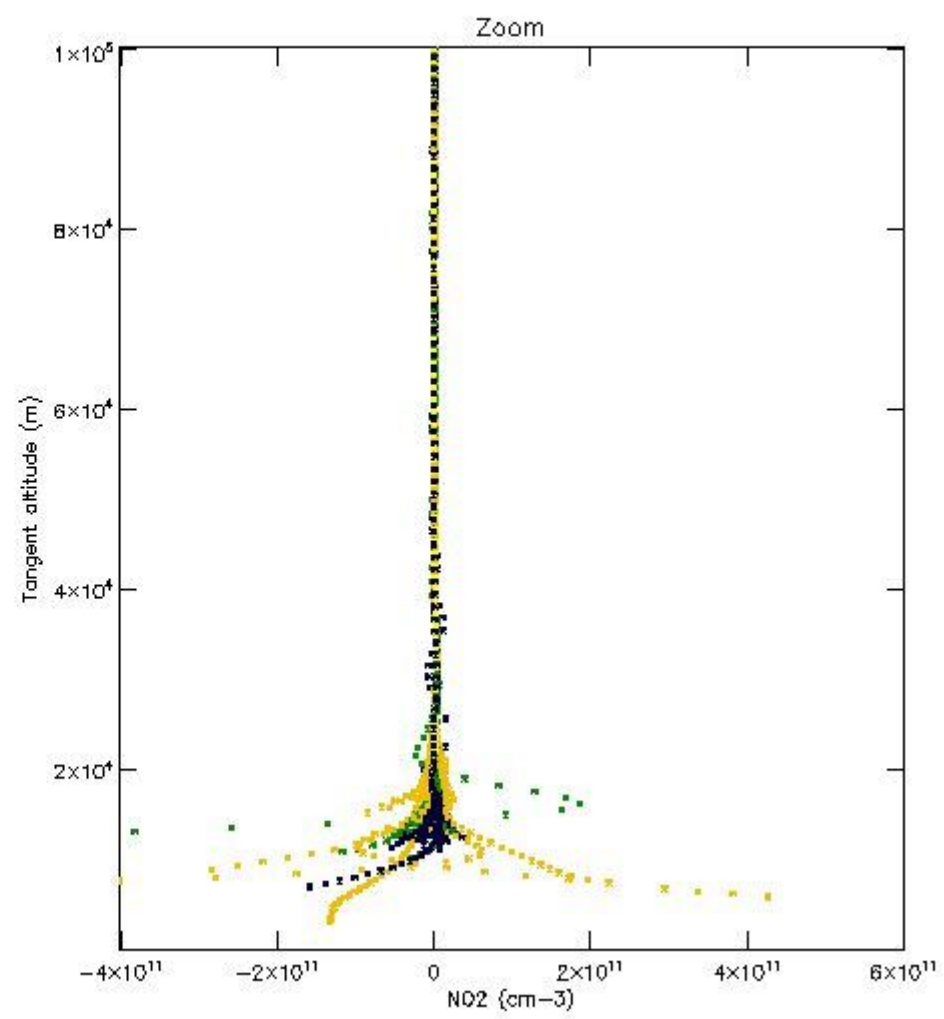
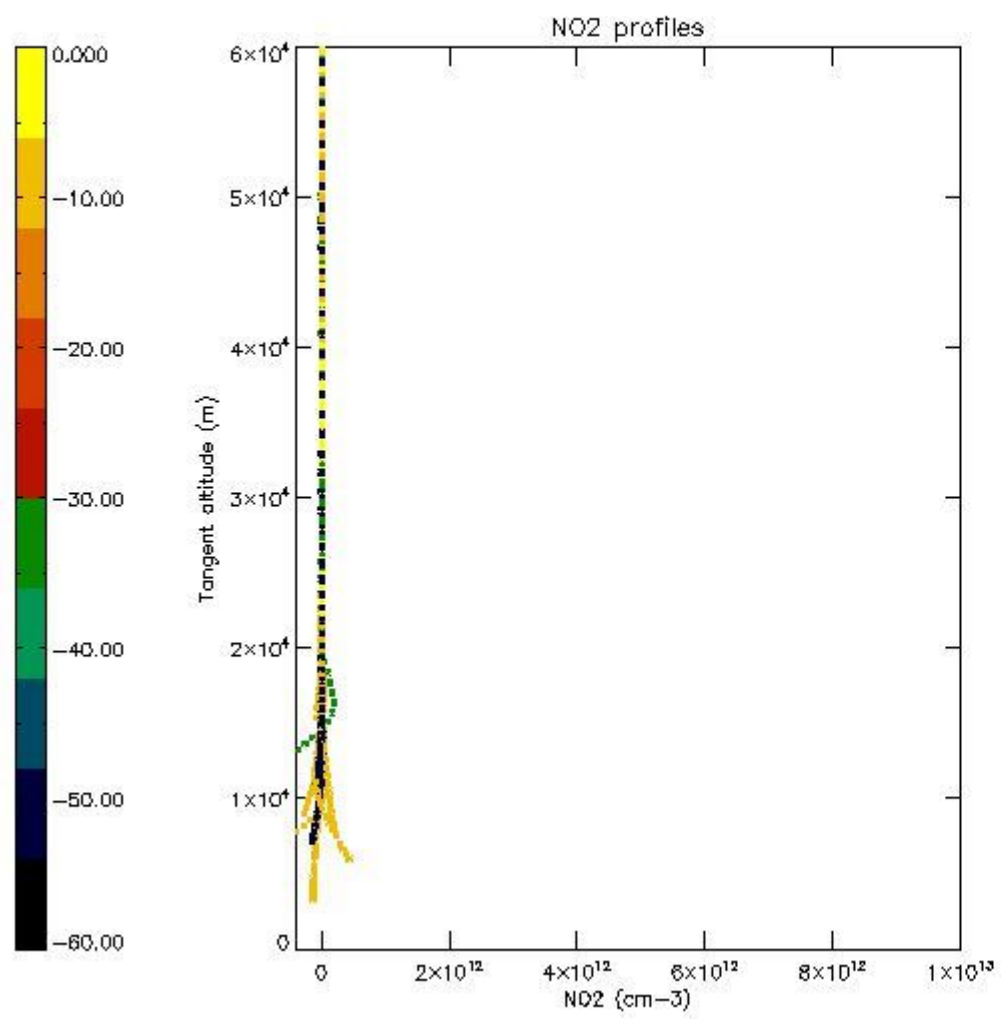
*5.5 Plot ozone profiles where  $STD < 5\%$  (dark without errors)*

The colorbar represents the latitude.



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

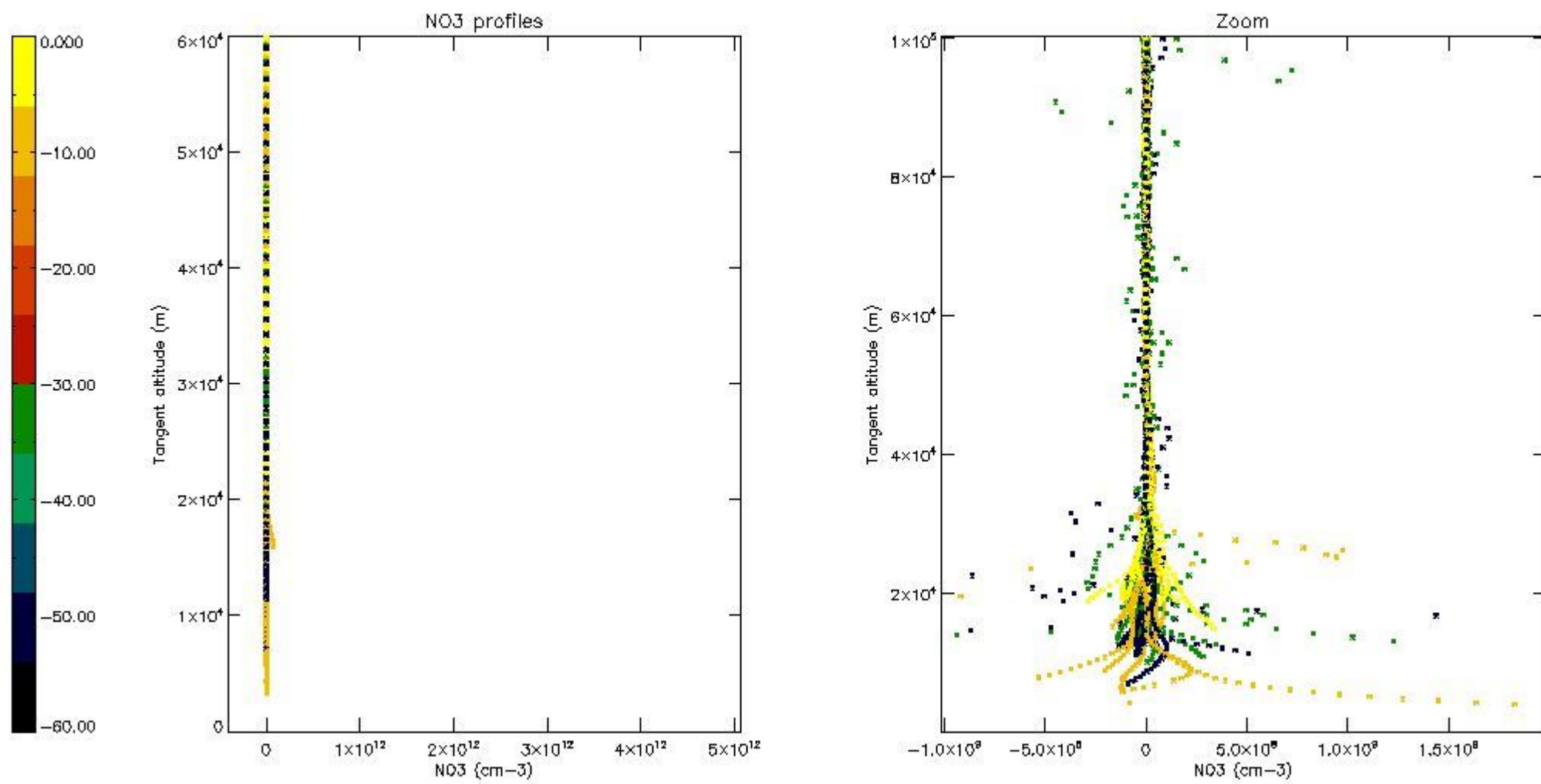
The colorbar represents the latitude.



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

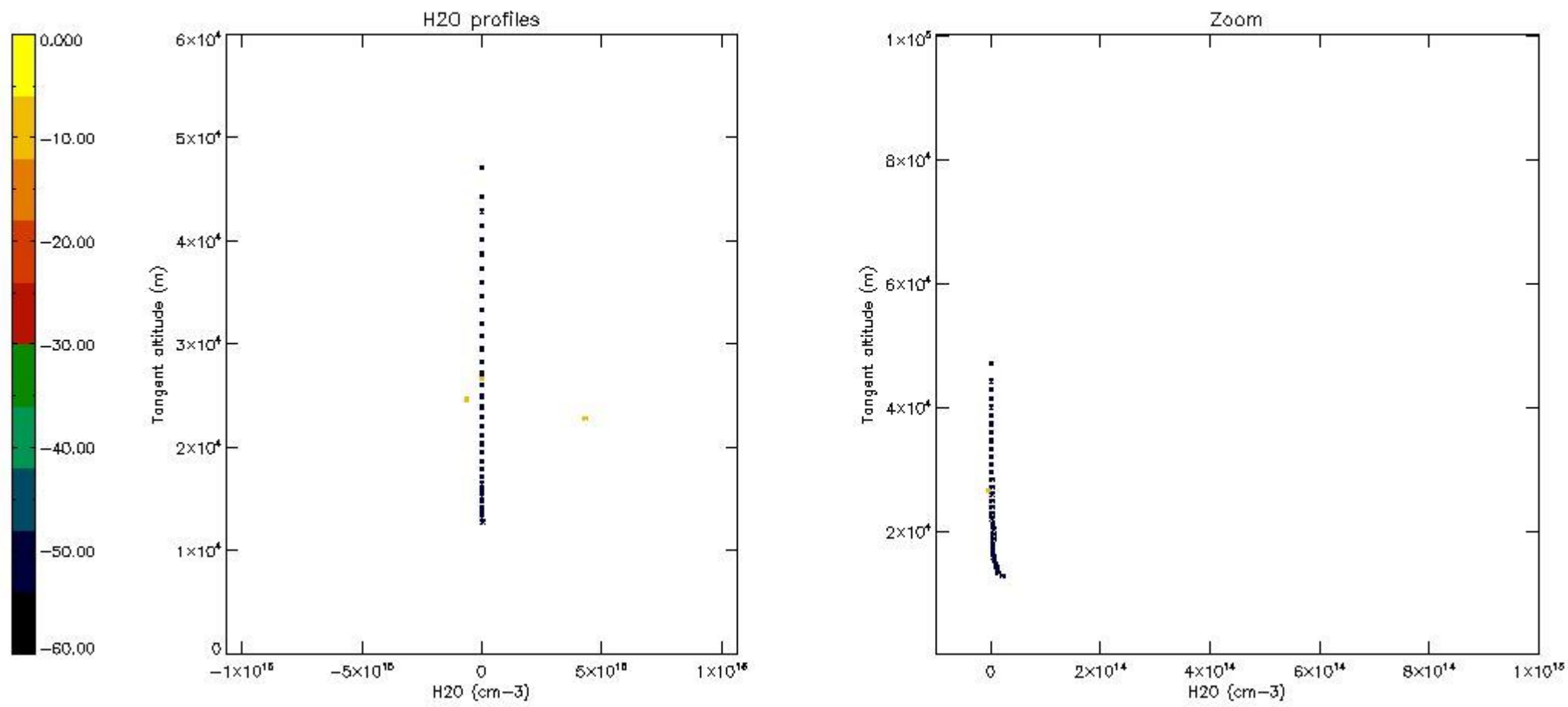
The colorbar represents the latitude.





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)

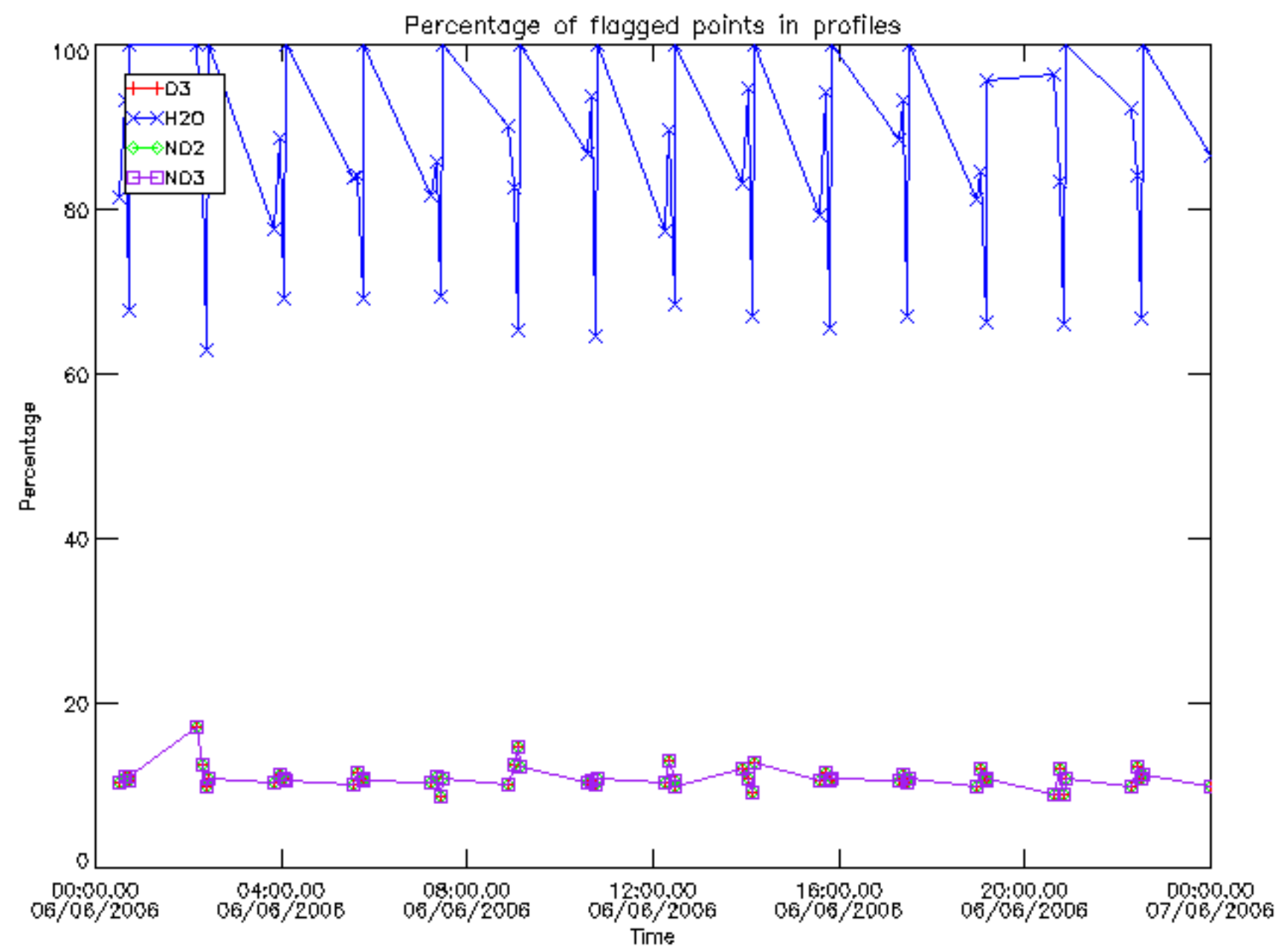
The colorbar represents the latitude.



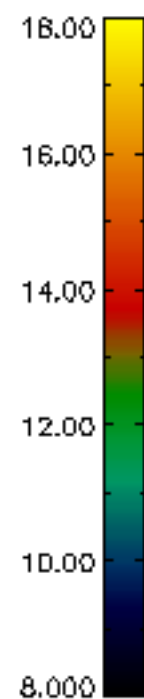
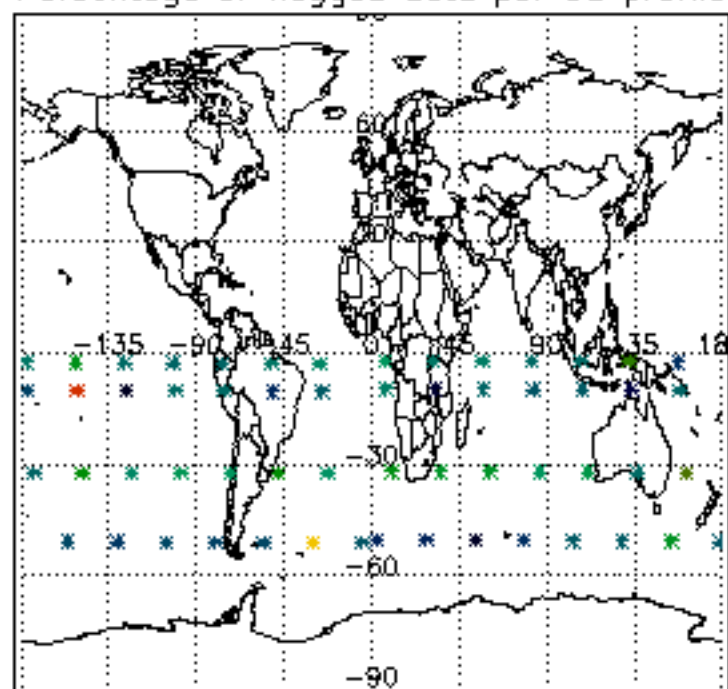
## 6. Auxiliary Data Files used for the production reported in section 2

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.

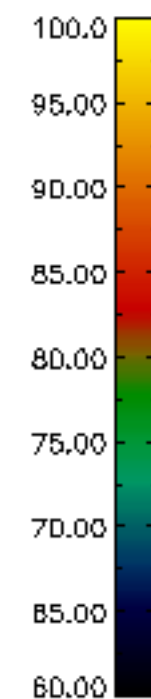
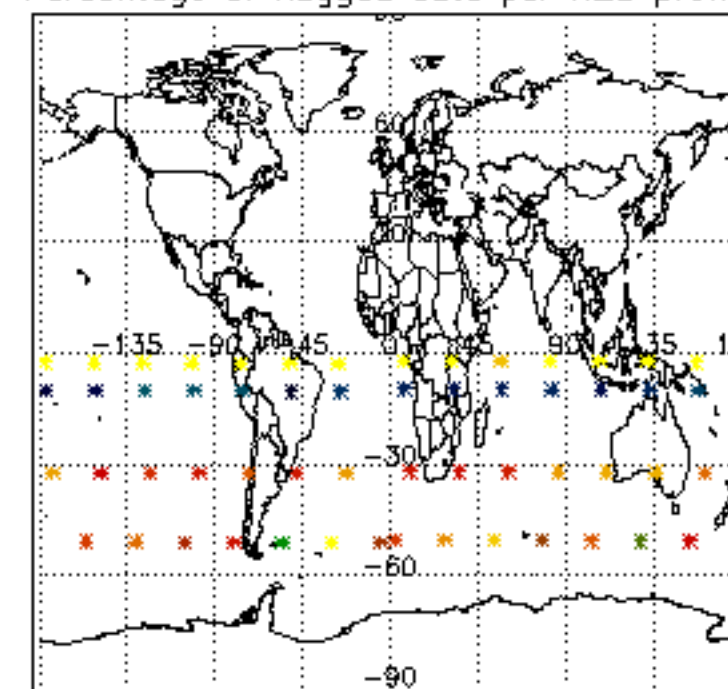
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	06-JUN-2006 00:05:19
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	06-JUN-2006 00:05:19
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	06-JUN-2006 00:05:19



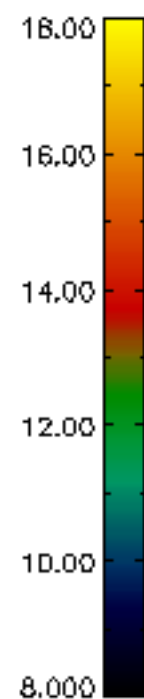
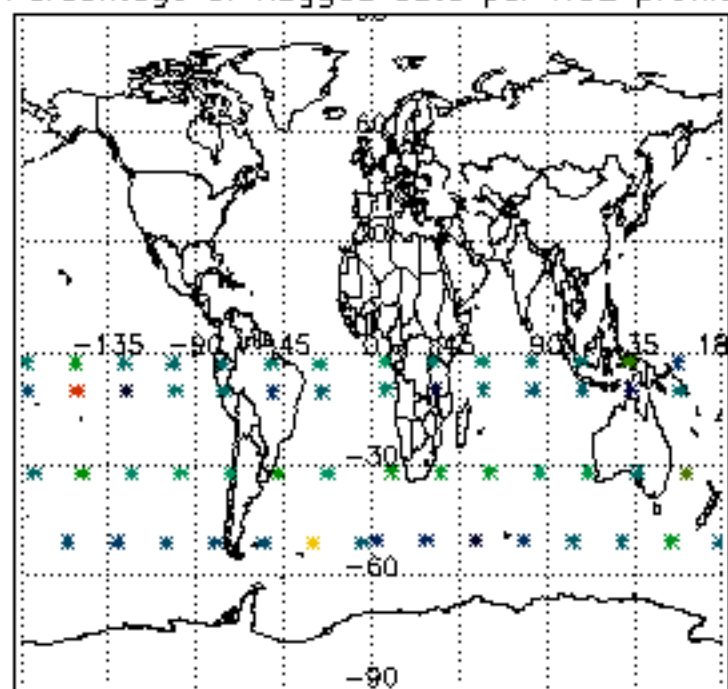
Percentage of flagged data per D3 profile



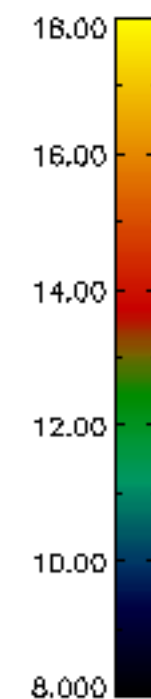
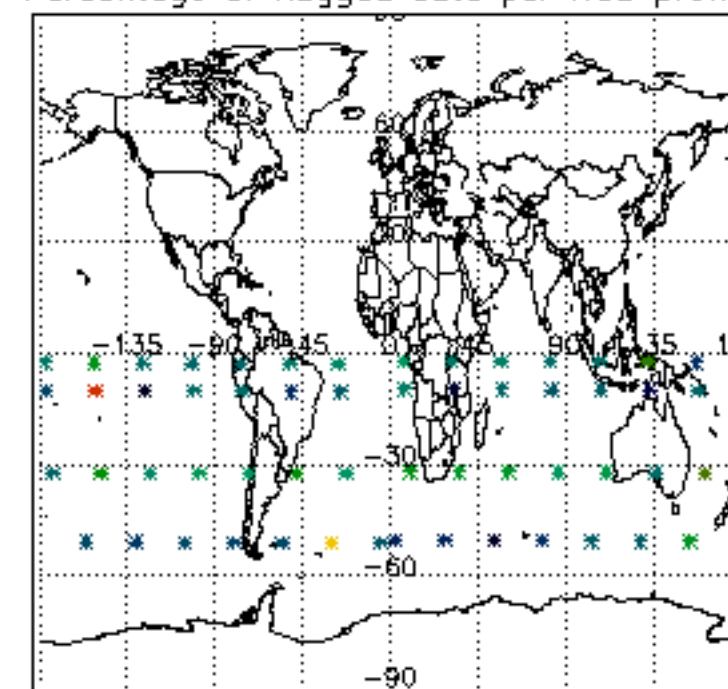
Percentage of flagged data per H2O profile



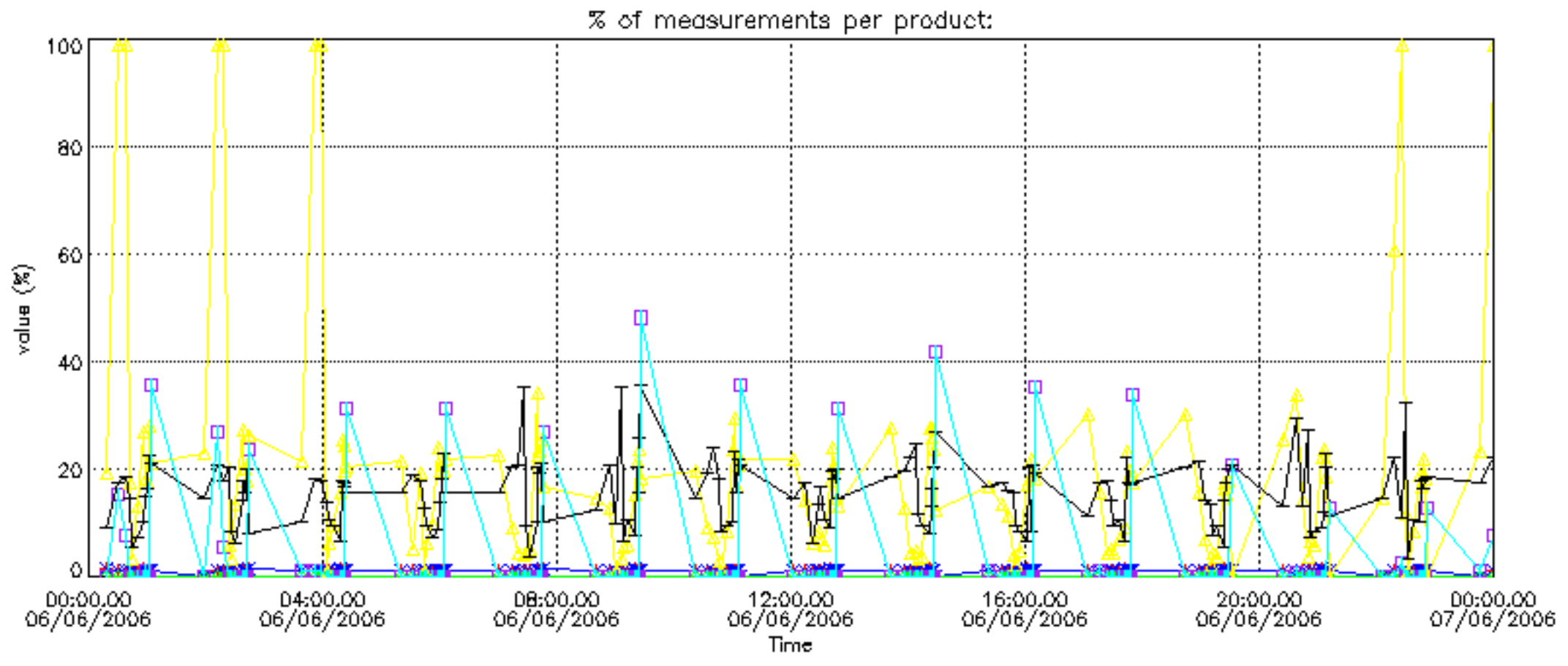
Percentage of flagged data per NO2 profile

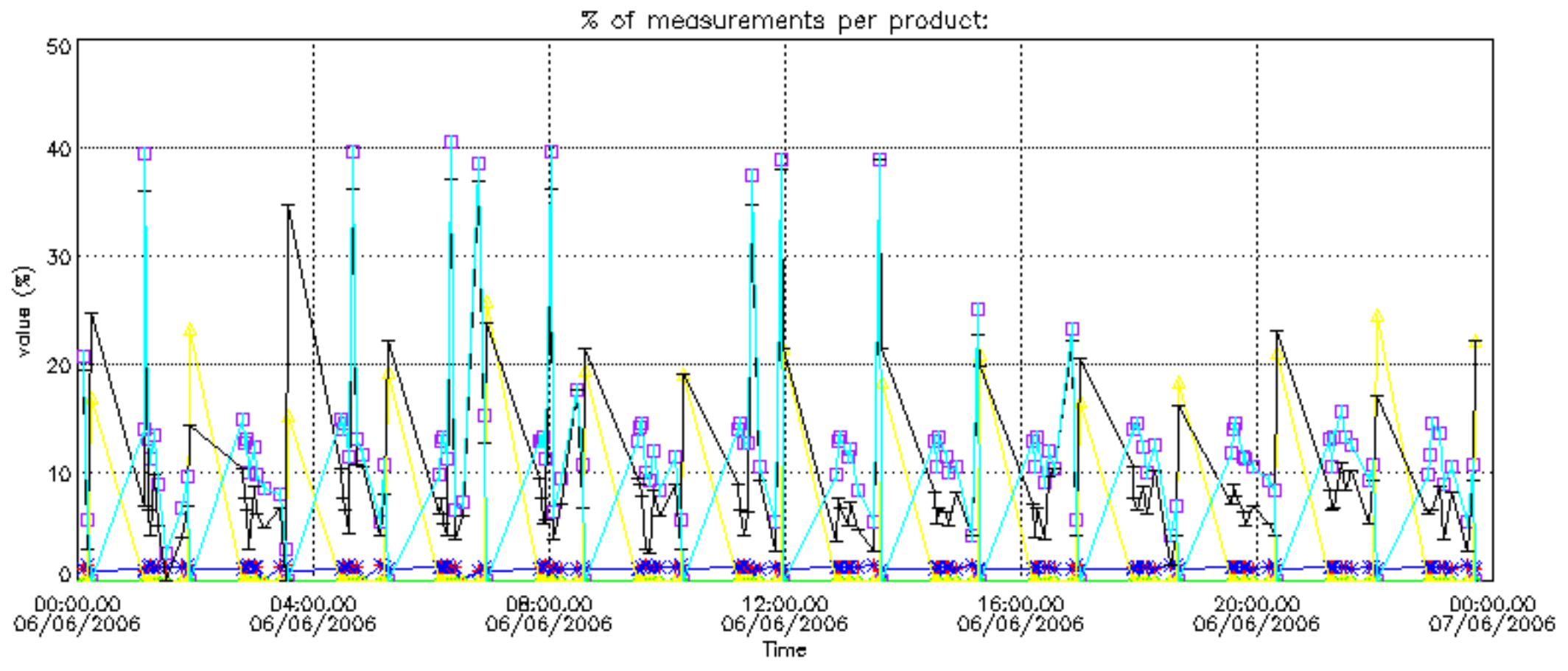


Percentage of flagged data per NO3 profile

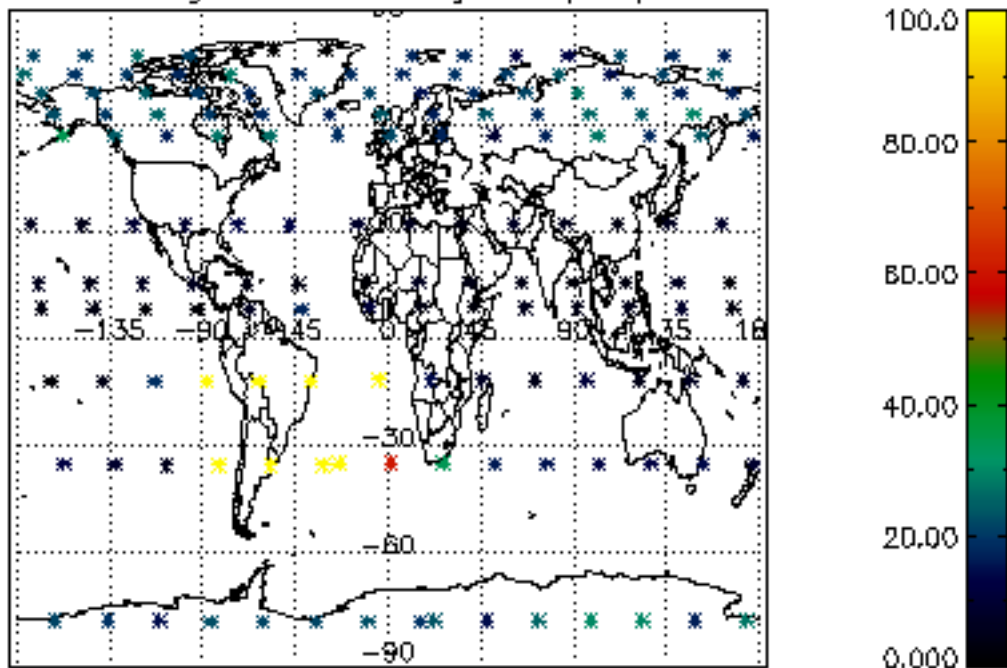




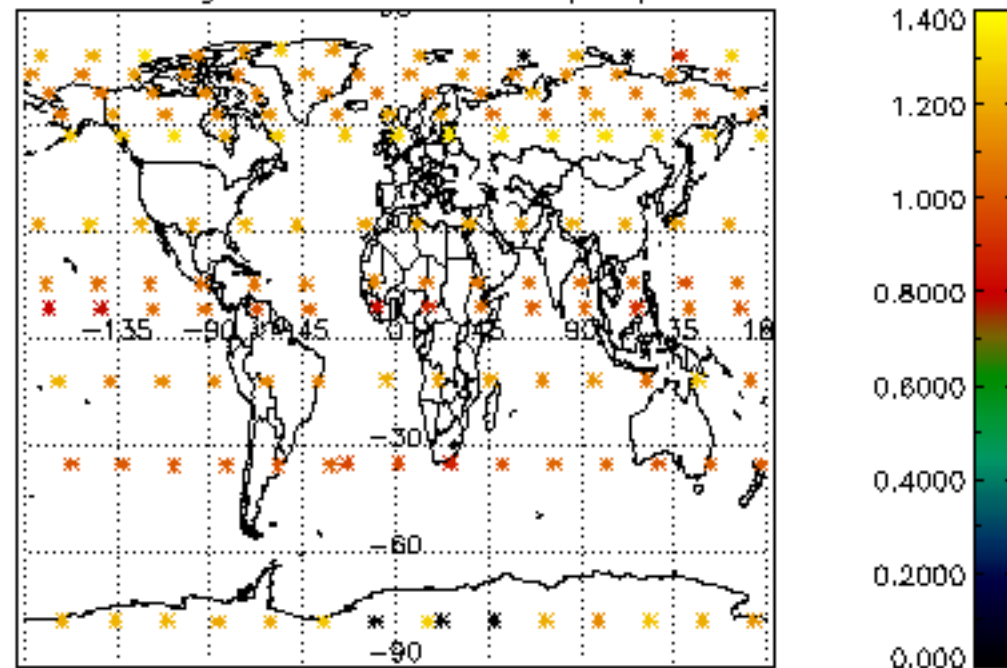




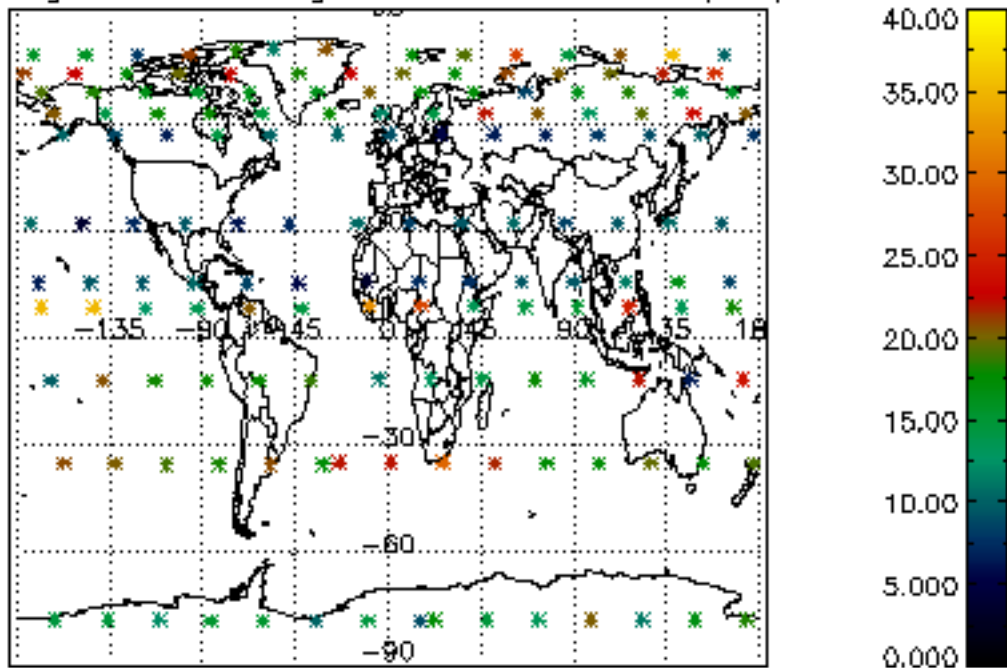
Percentage of cosmic ray hits per profile



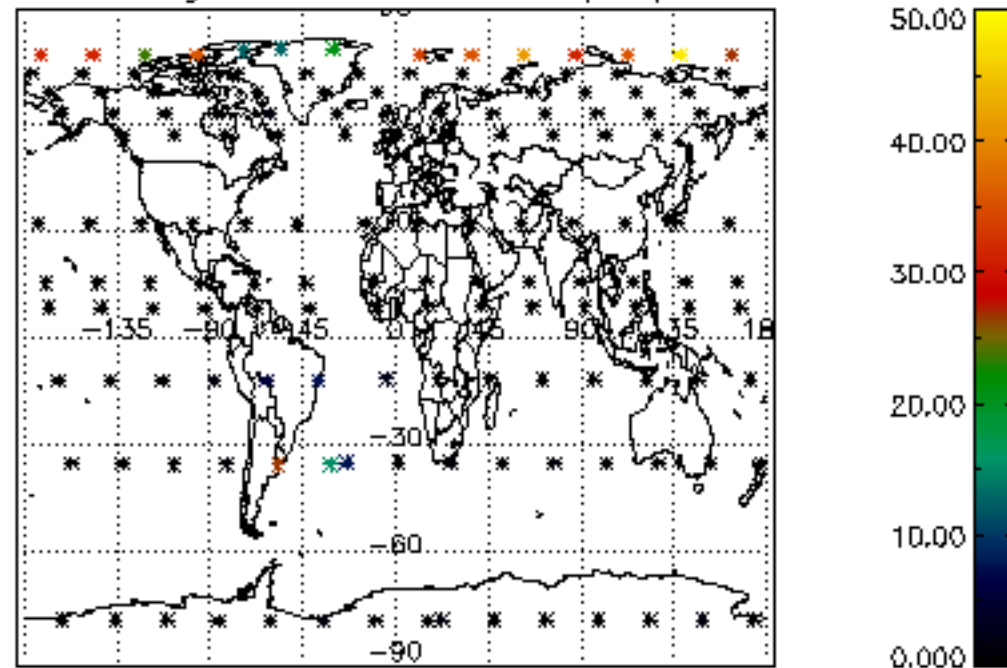
Percentage of datation errors per profile



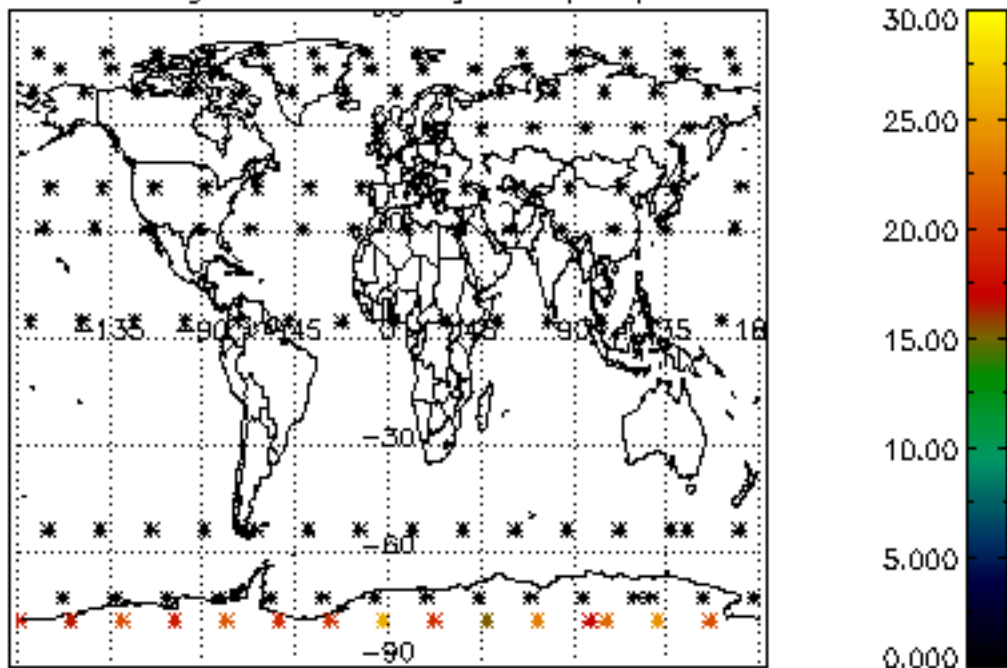
Percentage of star falling outside central band per profile



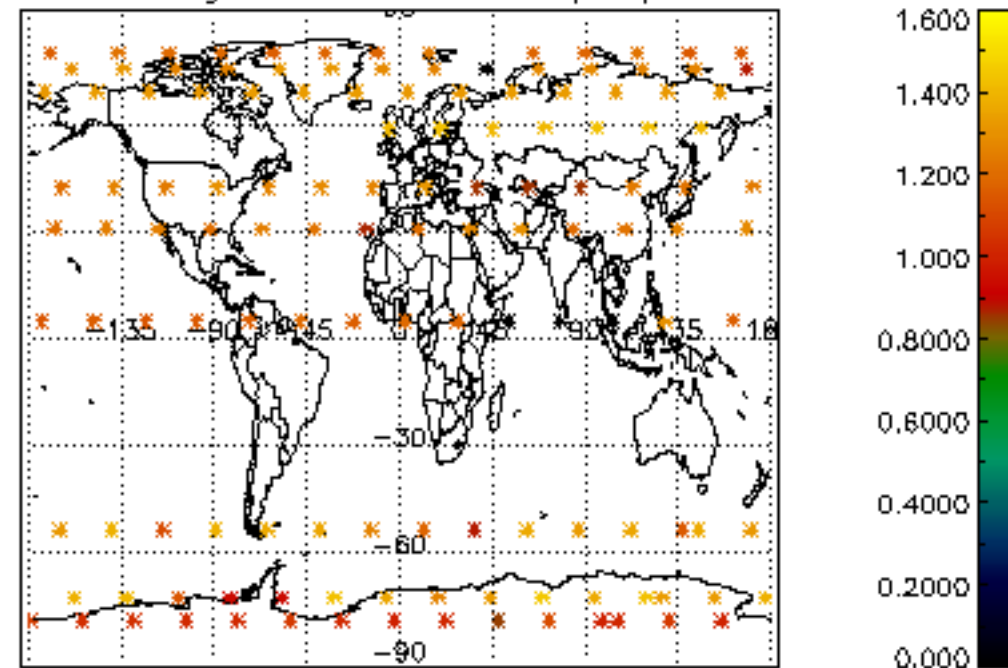
Percentage of saturation errors per profile



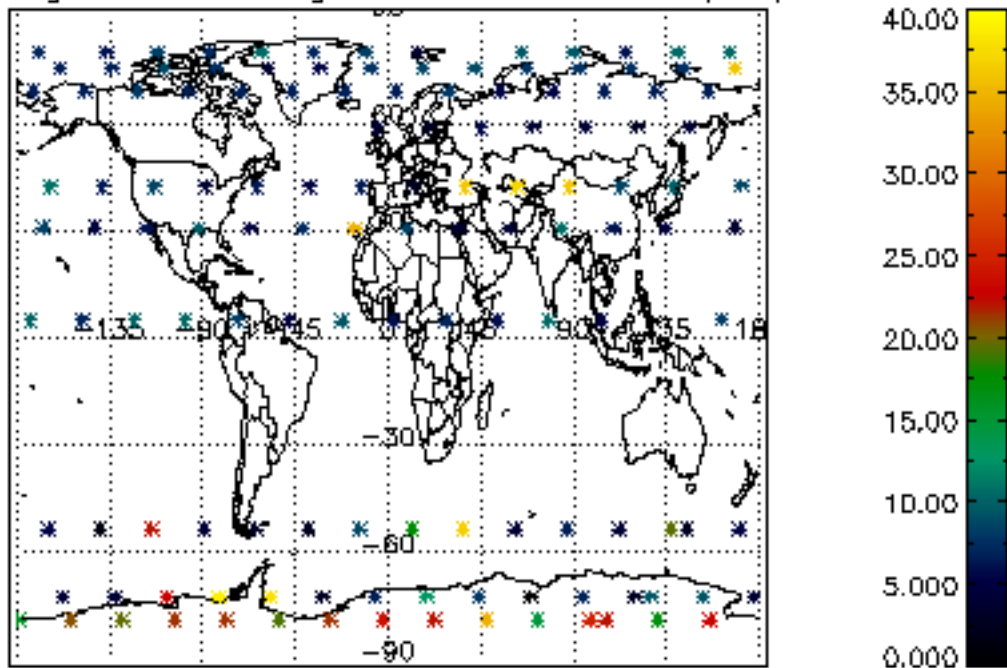
Percentage of cosmic ray hits per profile



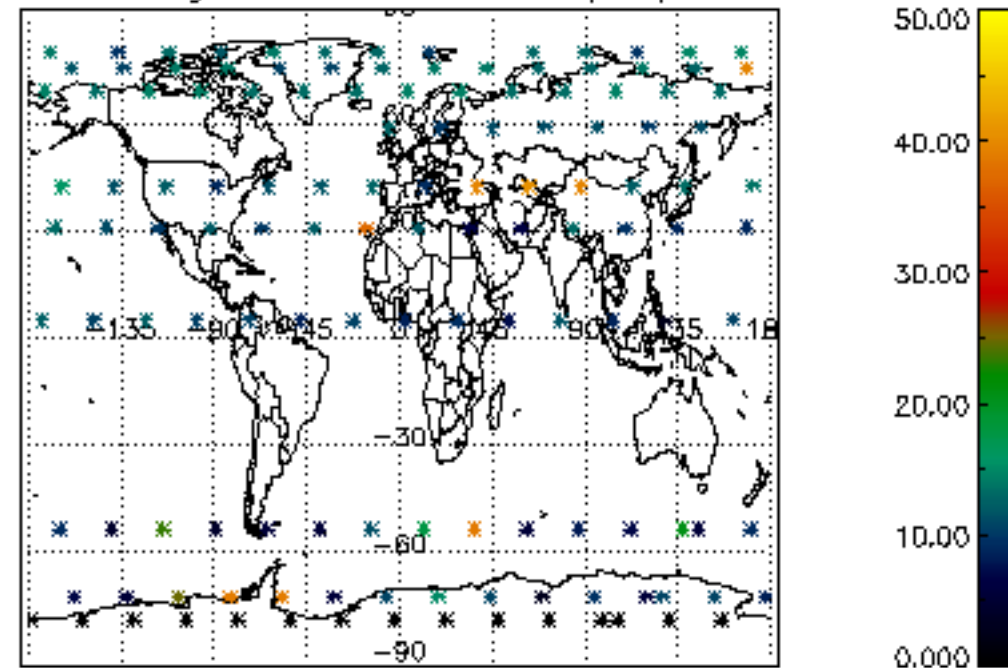
Percentage of datation errors per profile



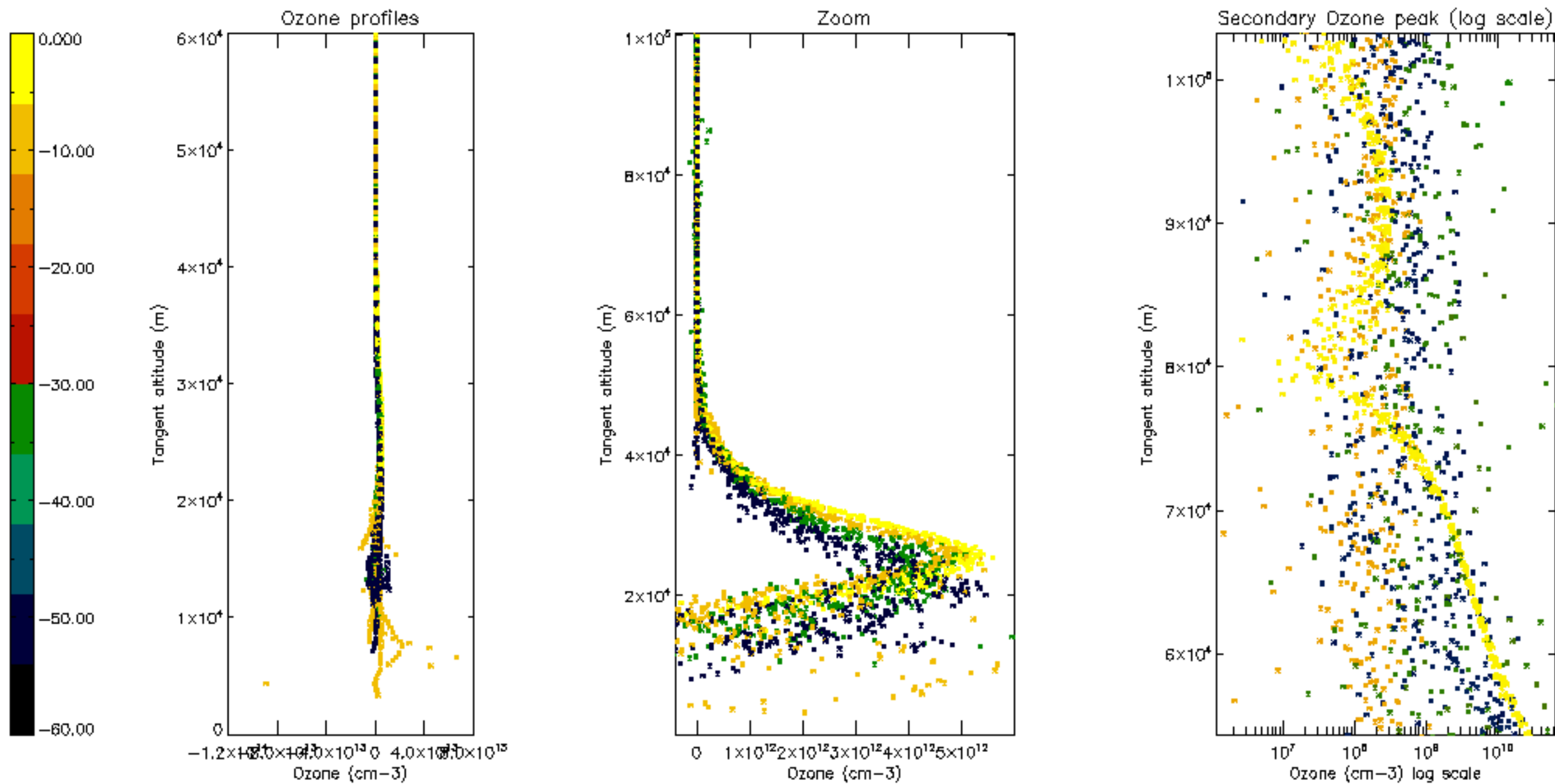
Percentage of star falling outside central band per profile

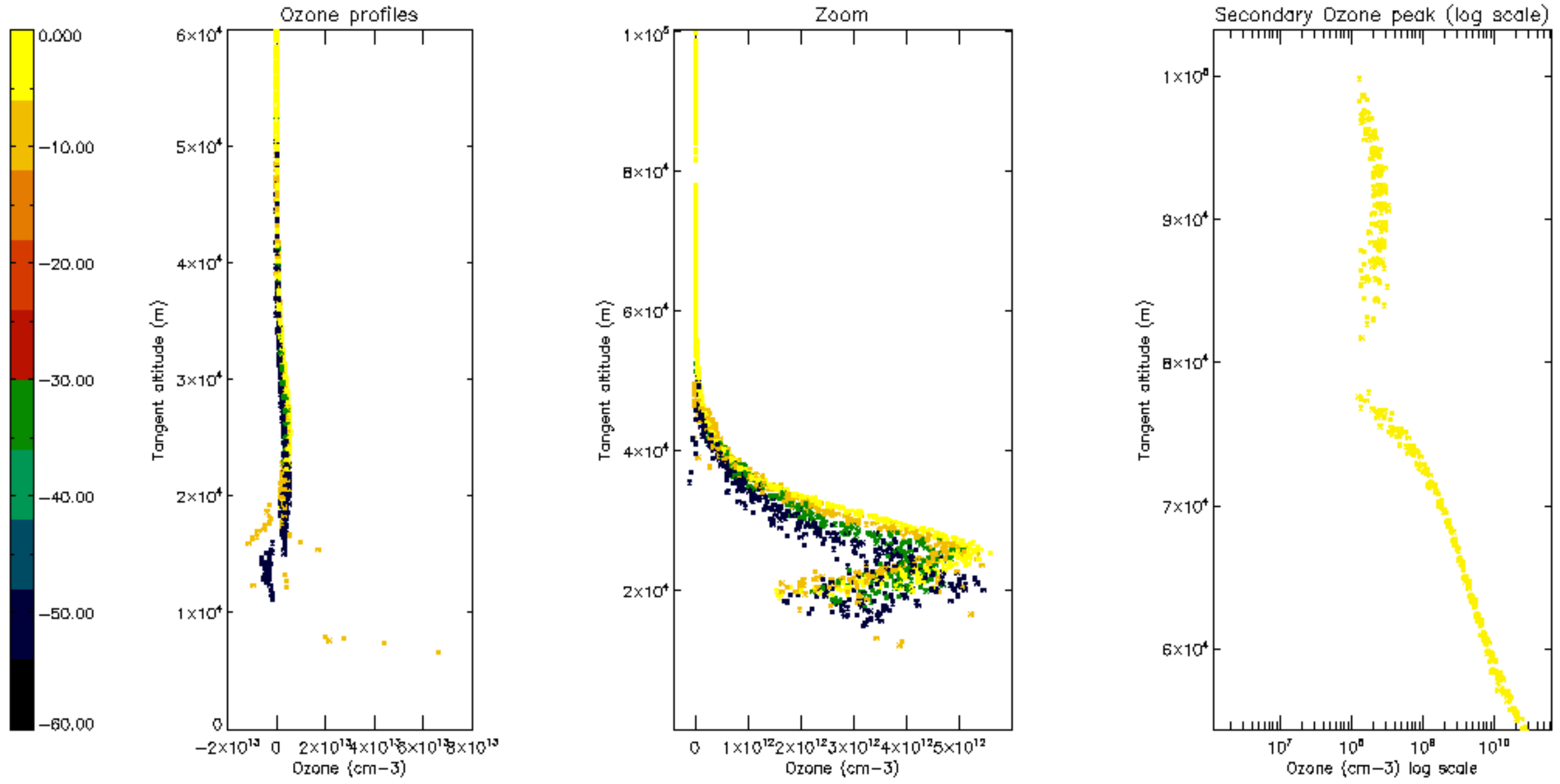


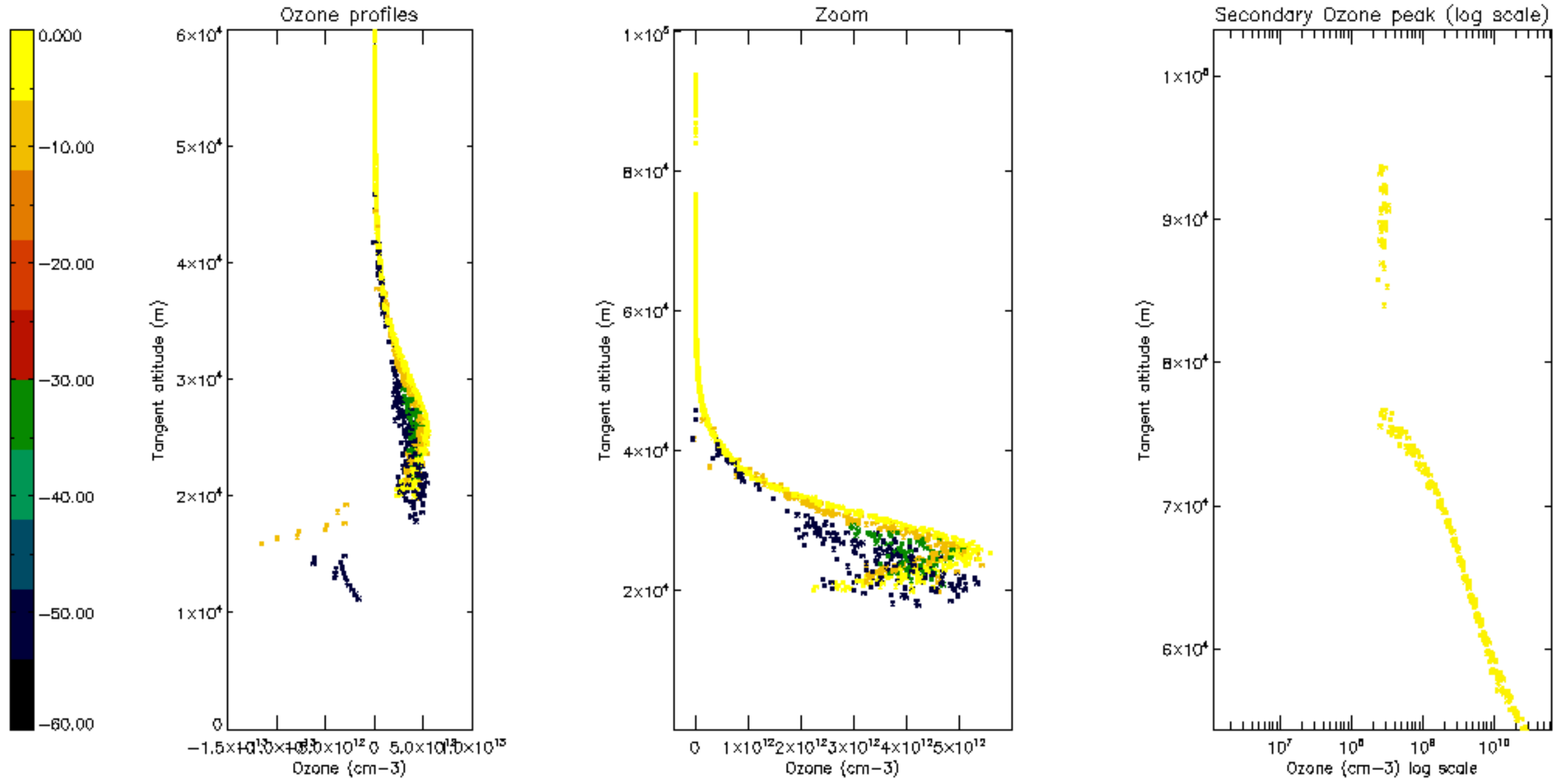
Percentage of saturation errors per profile



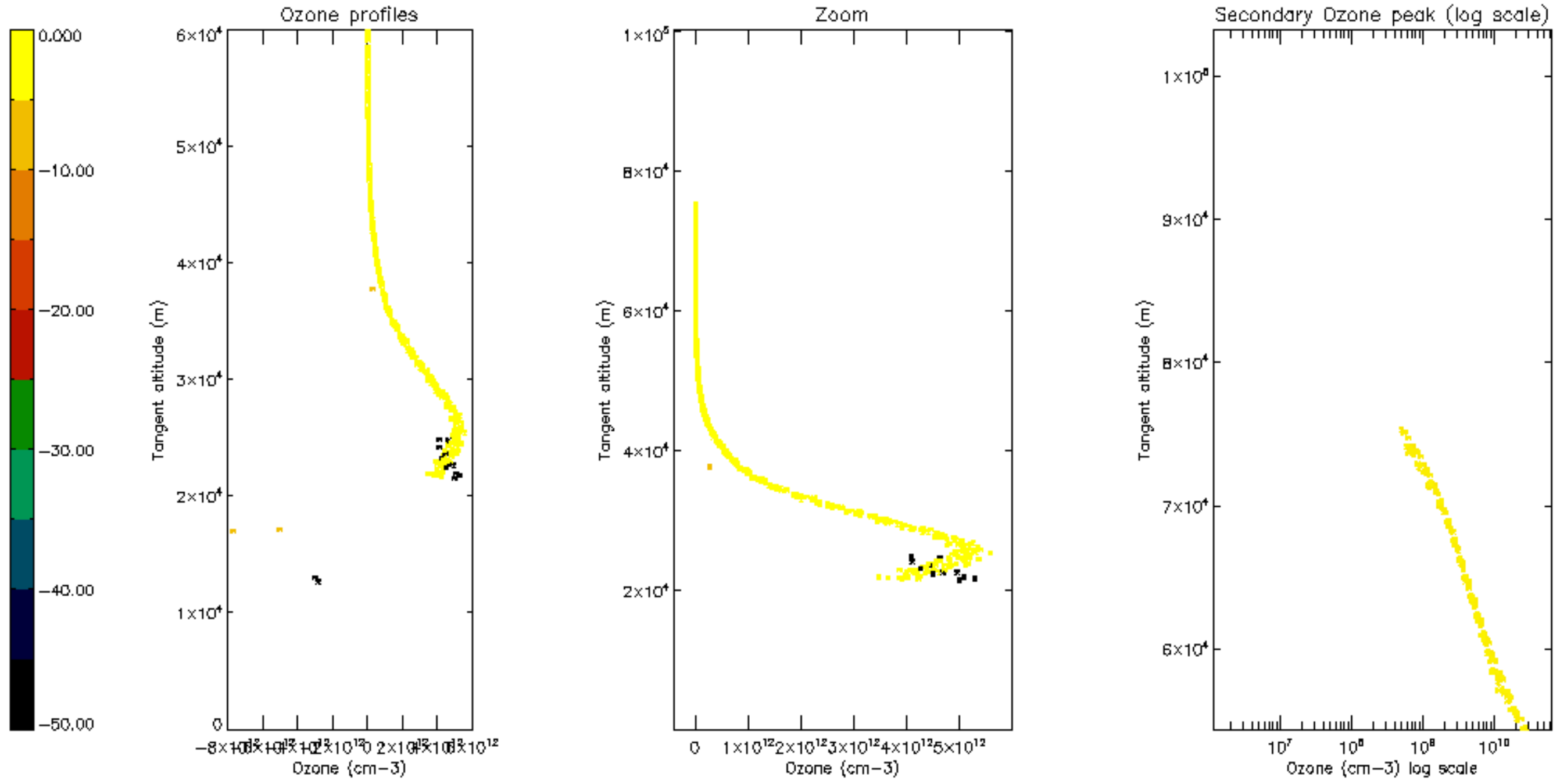


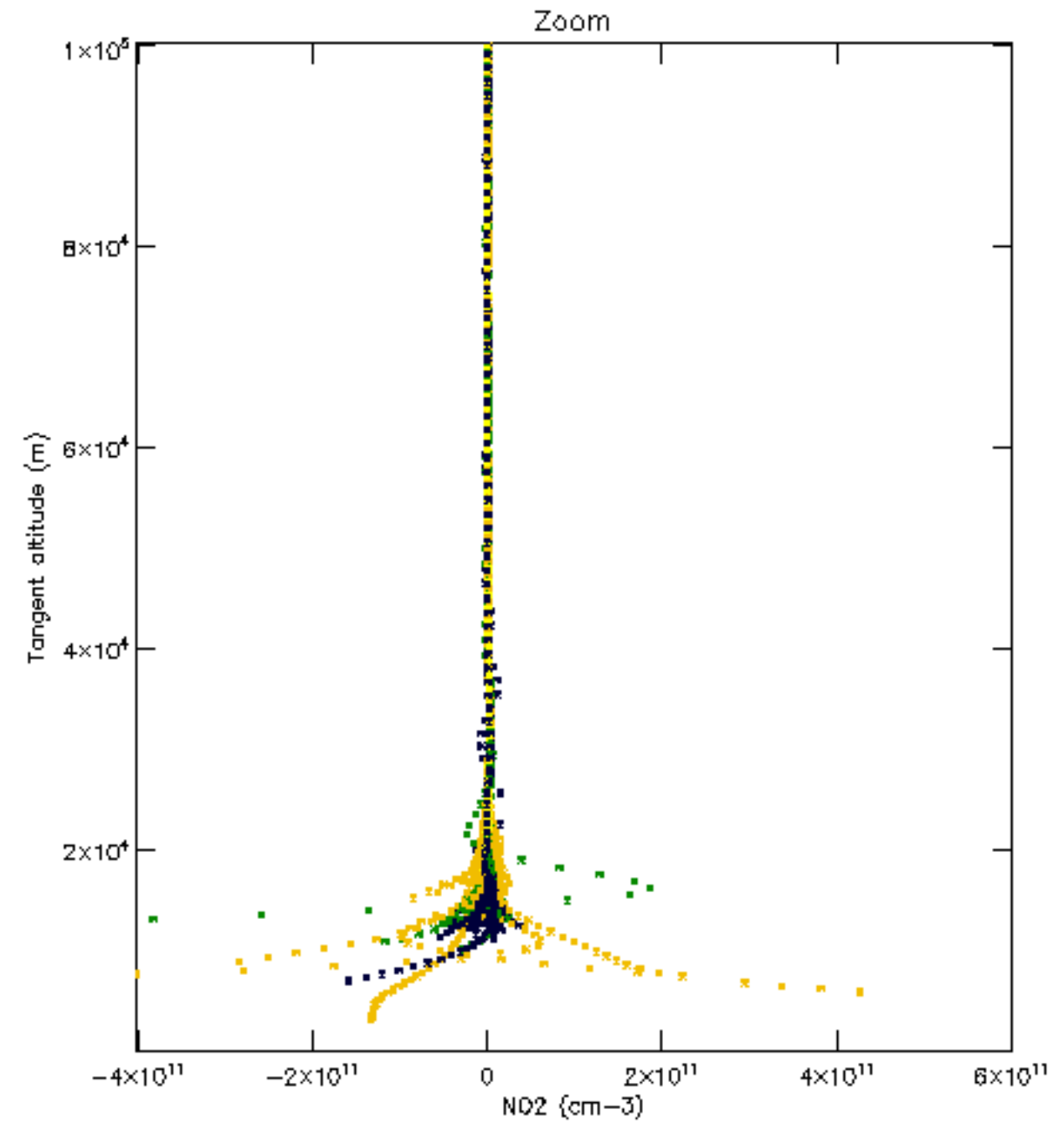
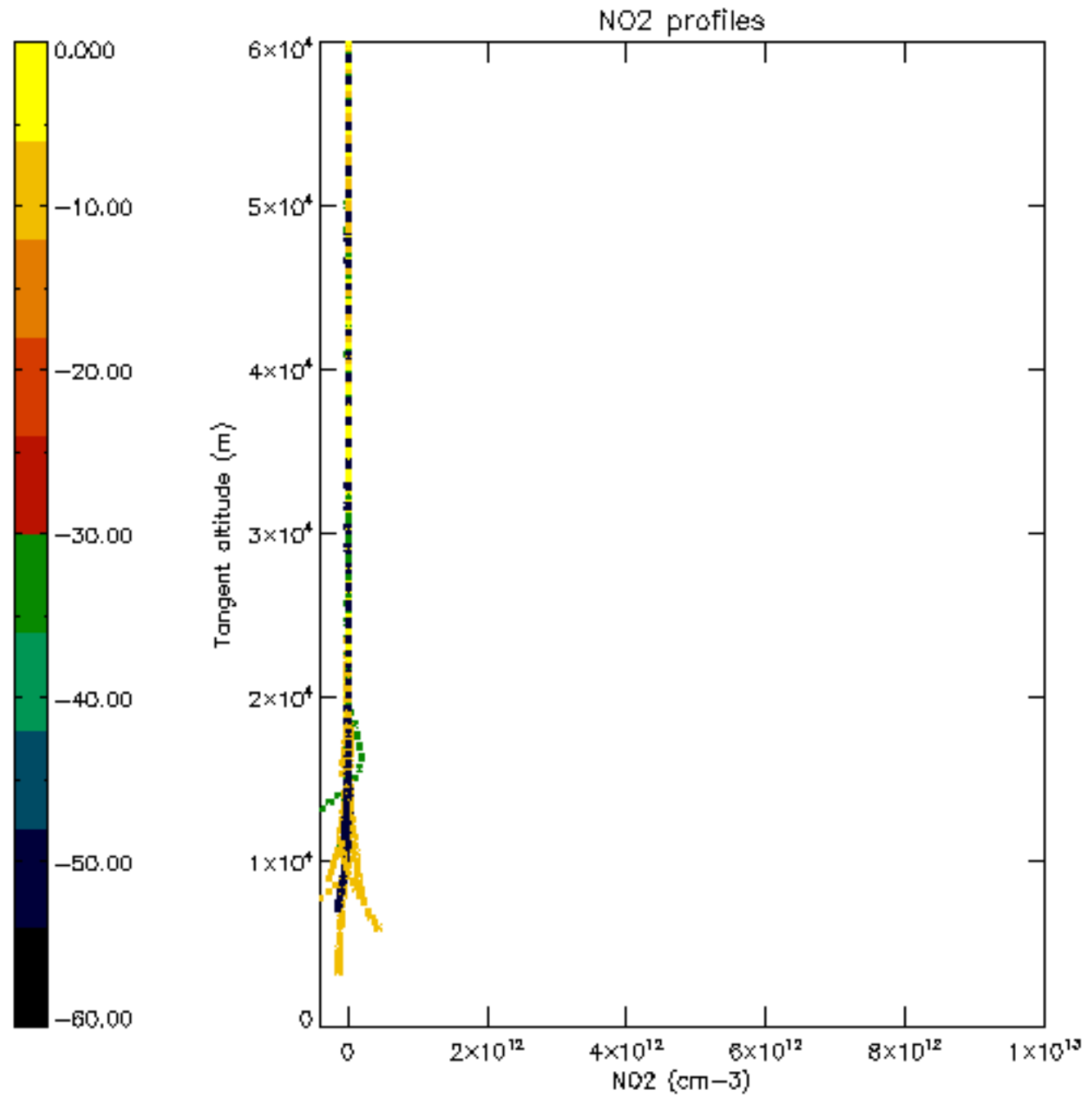


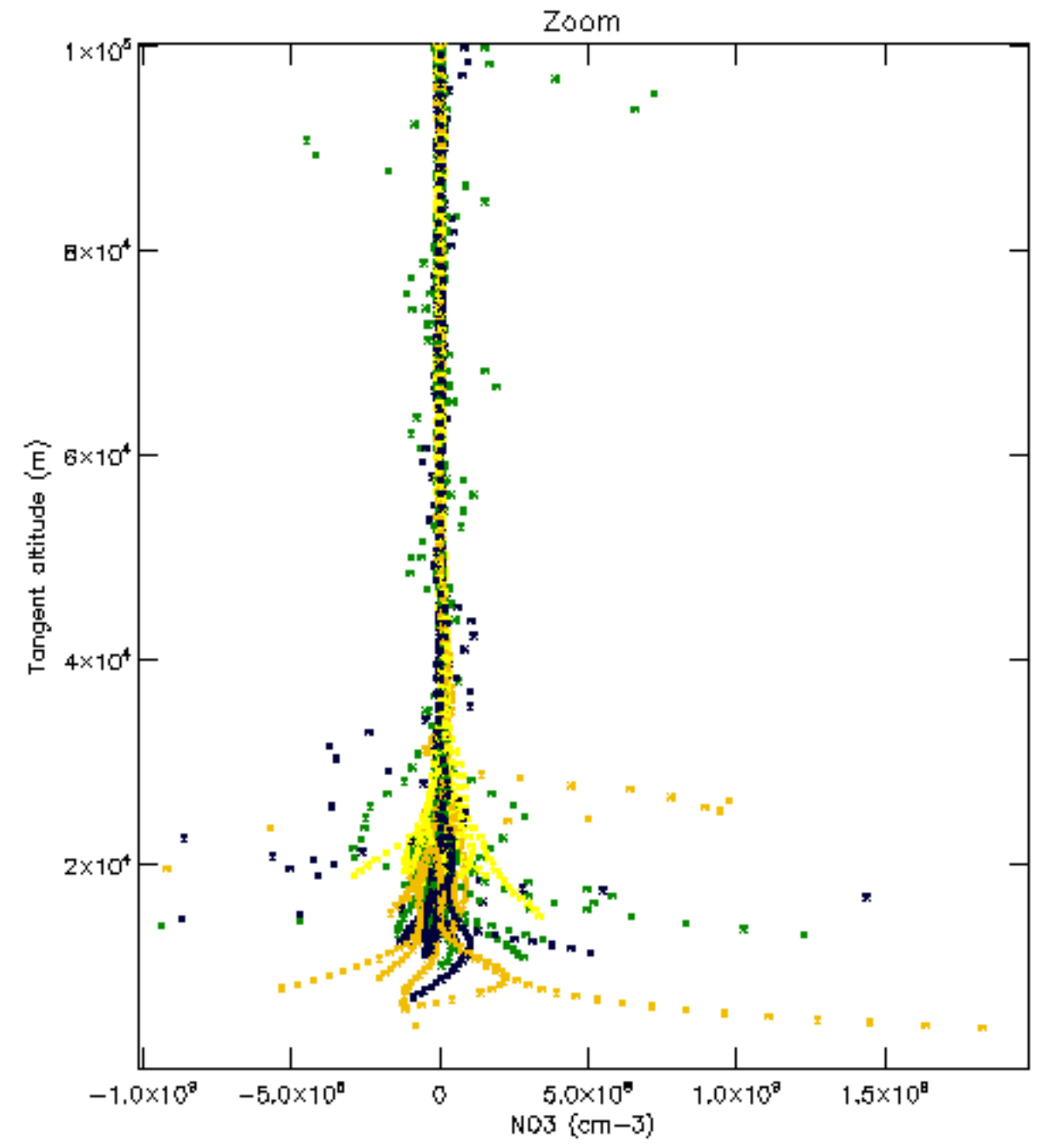
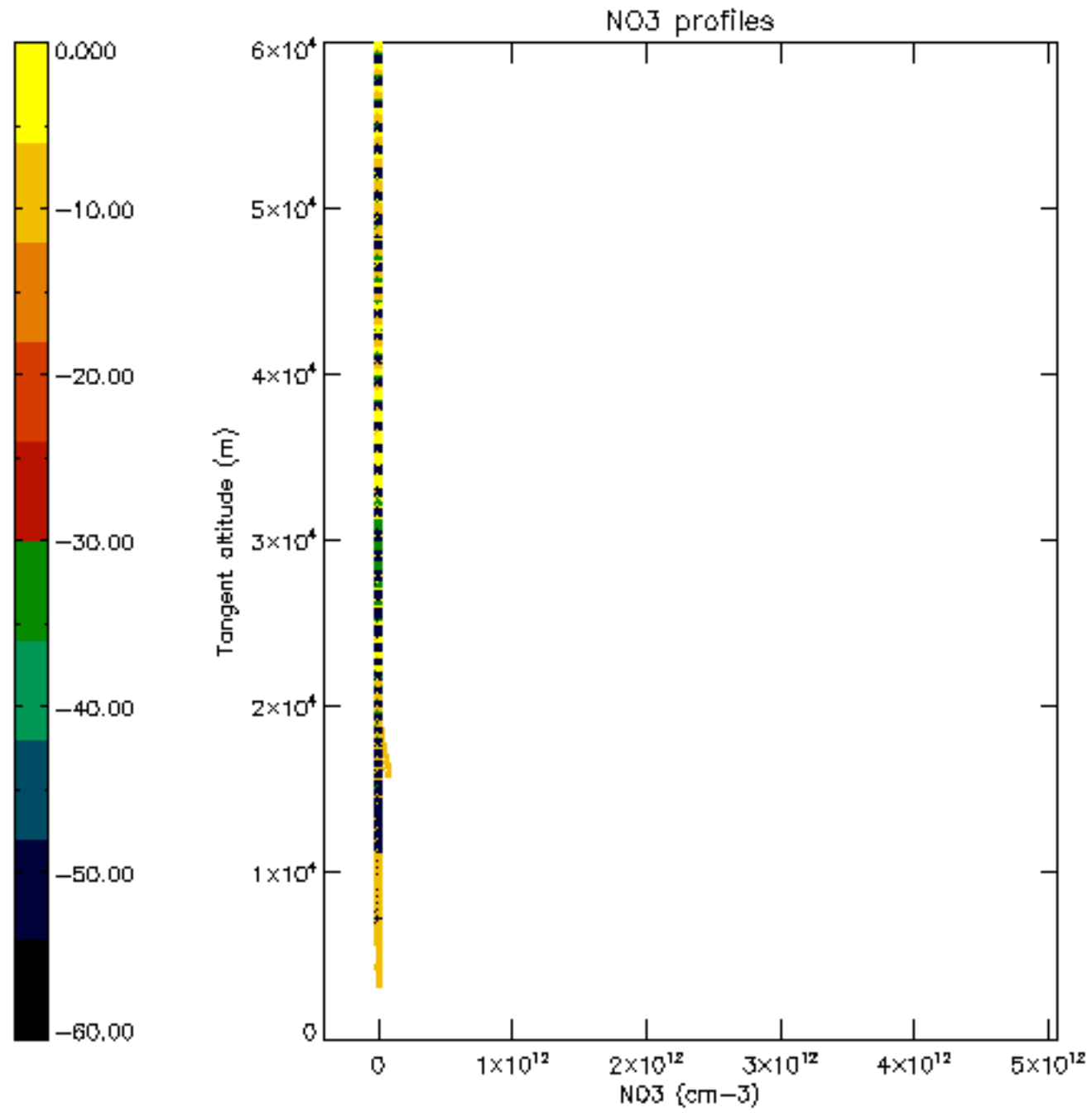




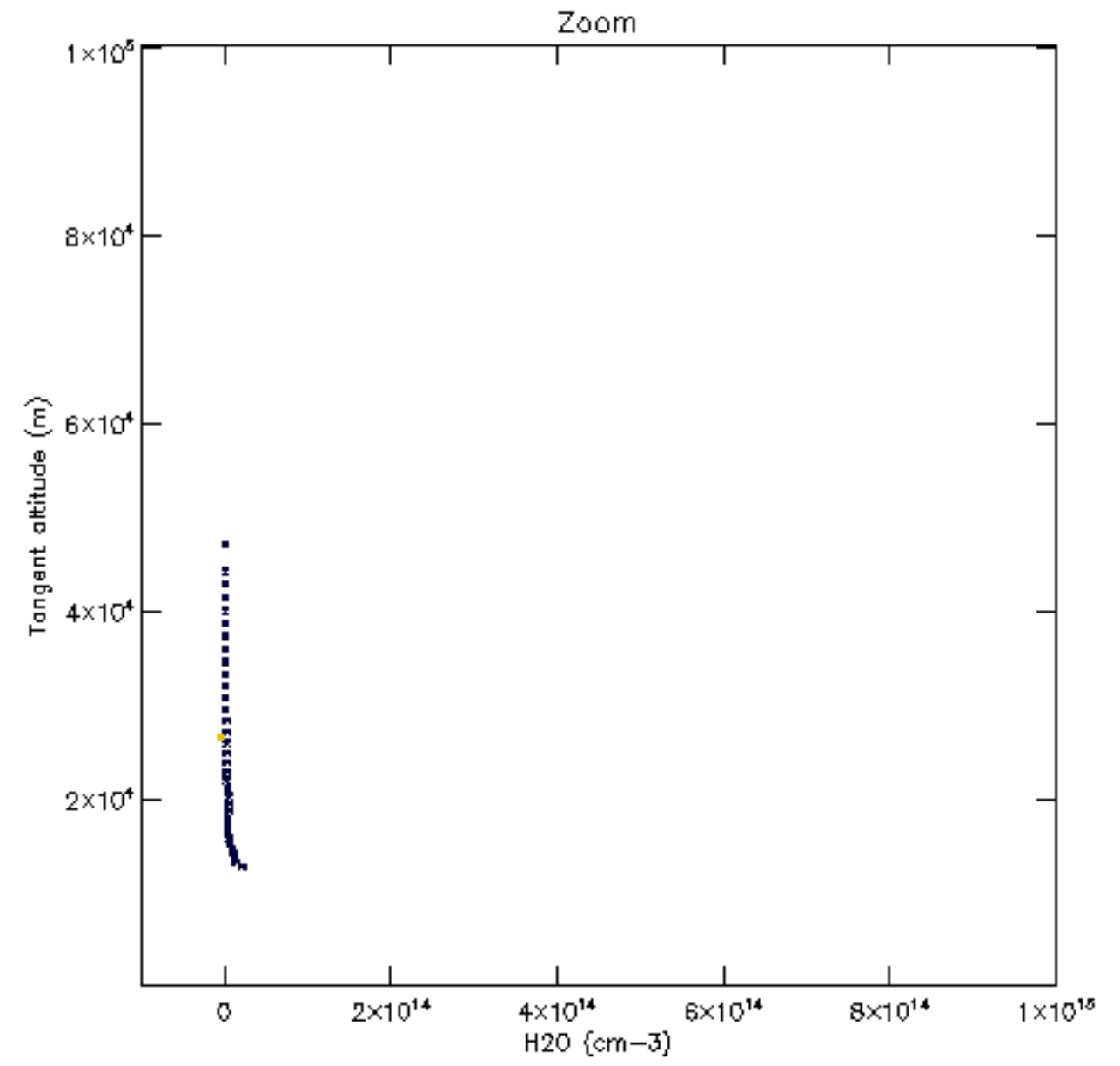
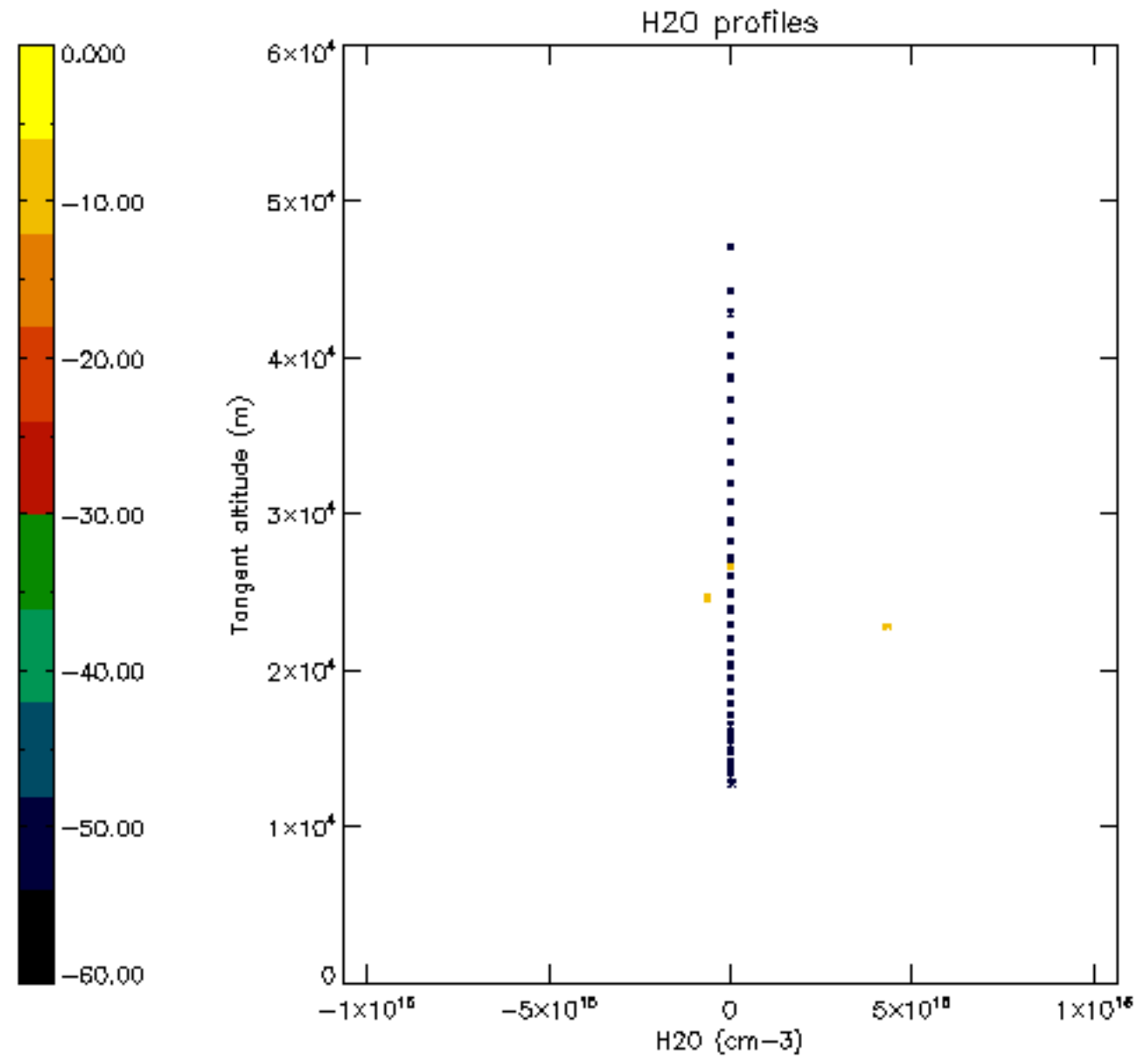


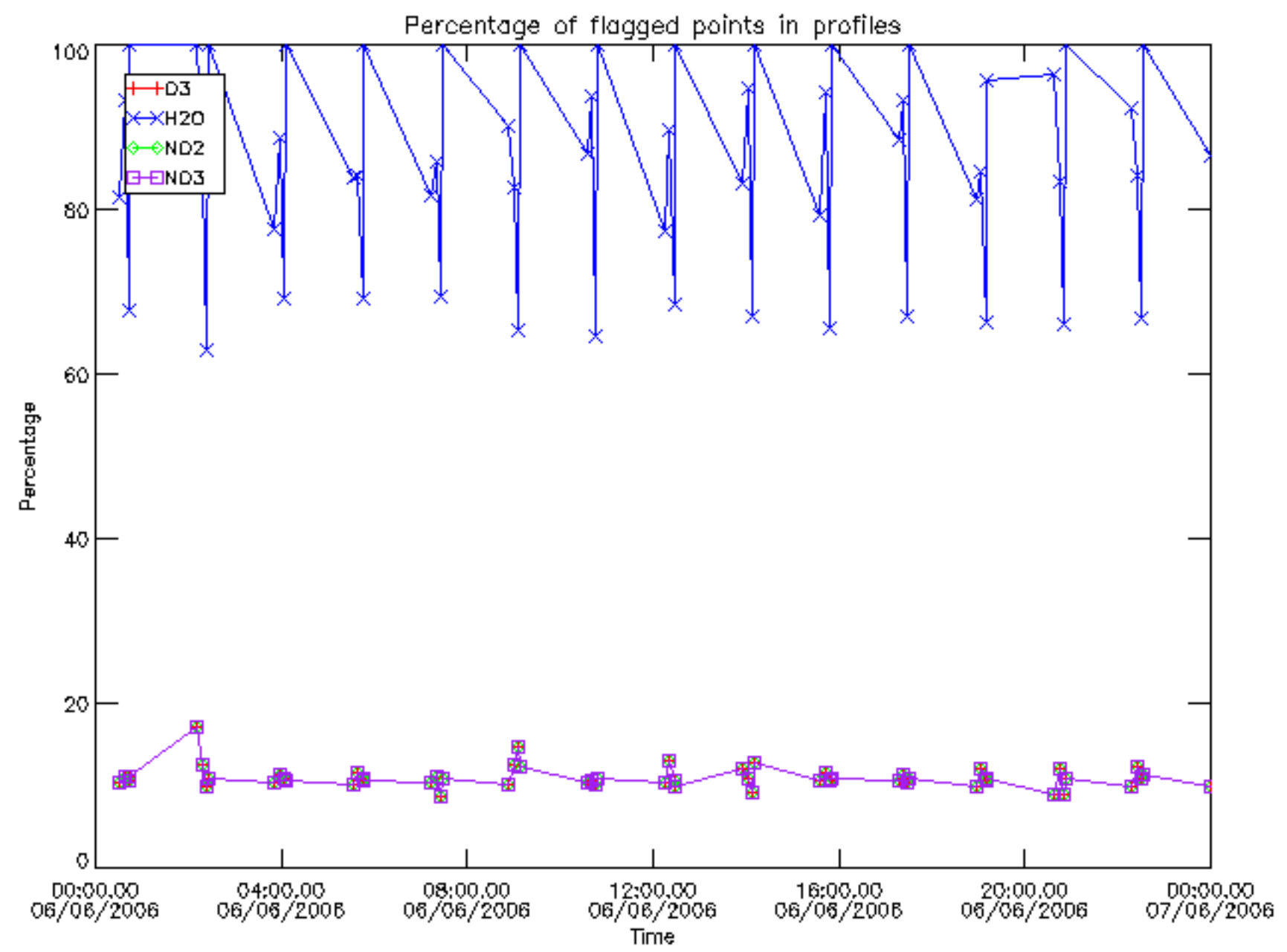




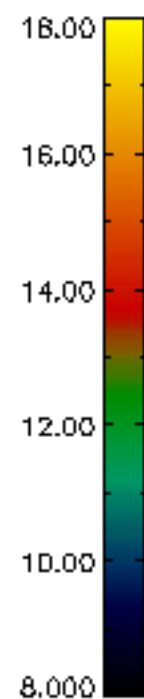
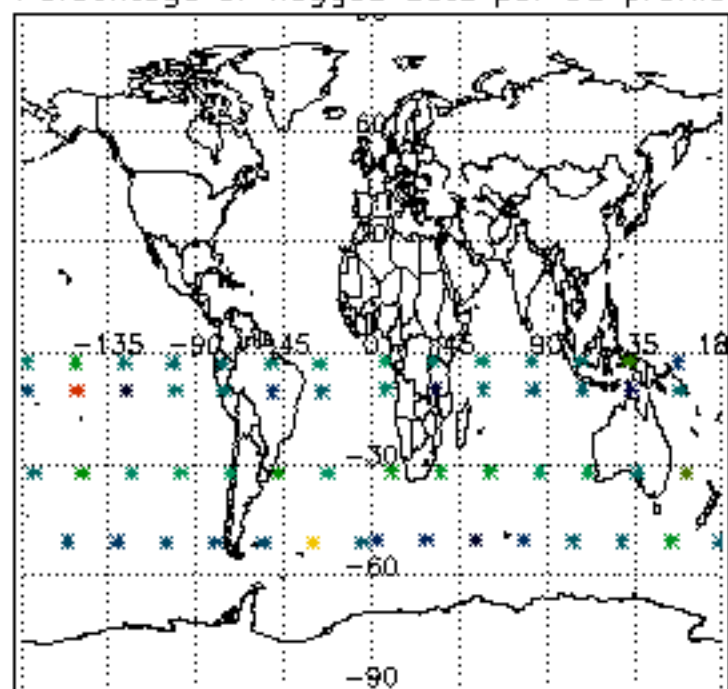




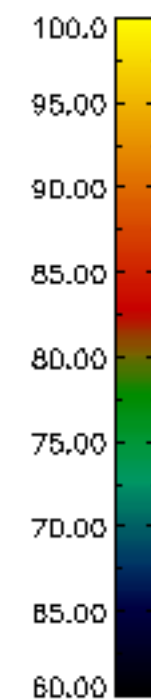
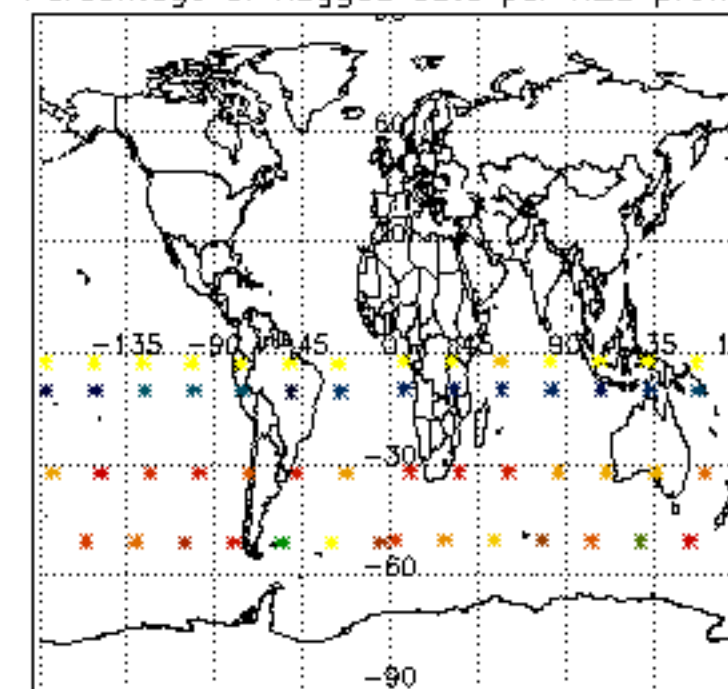




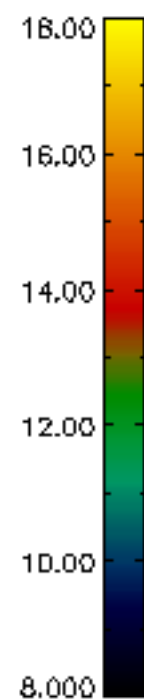
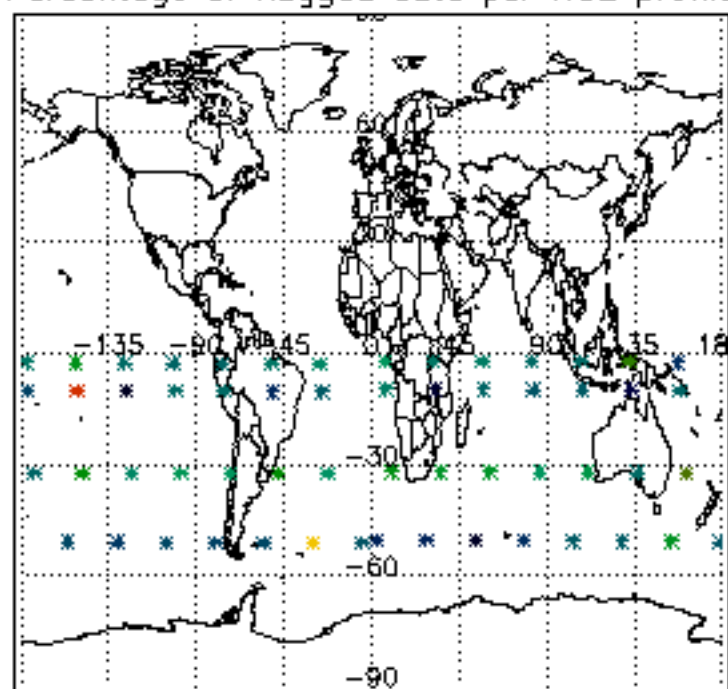
Percentage of flagged data per D3 profile



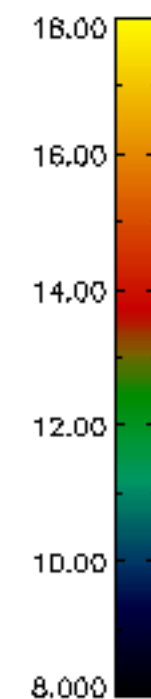
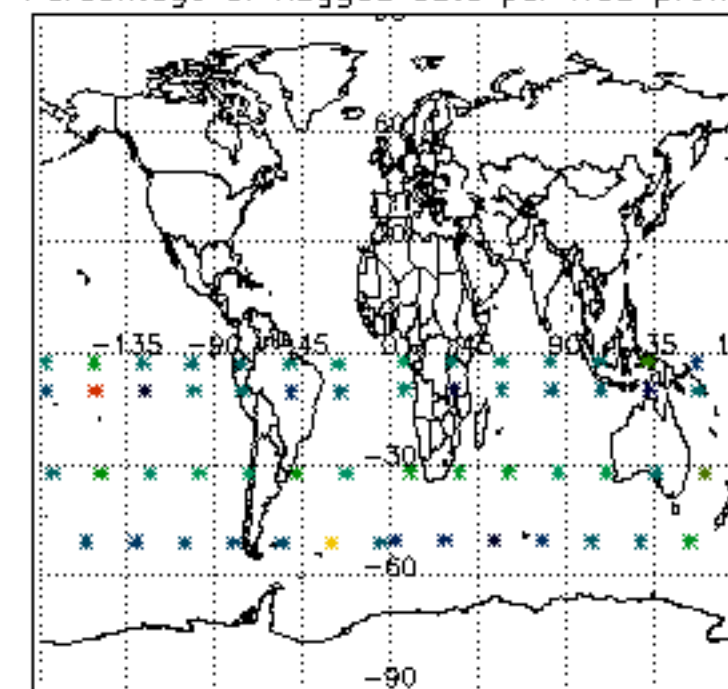
Percentage of flagged data per H2O profile

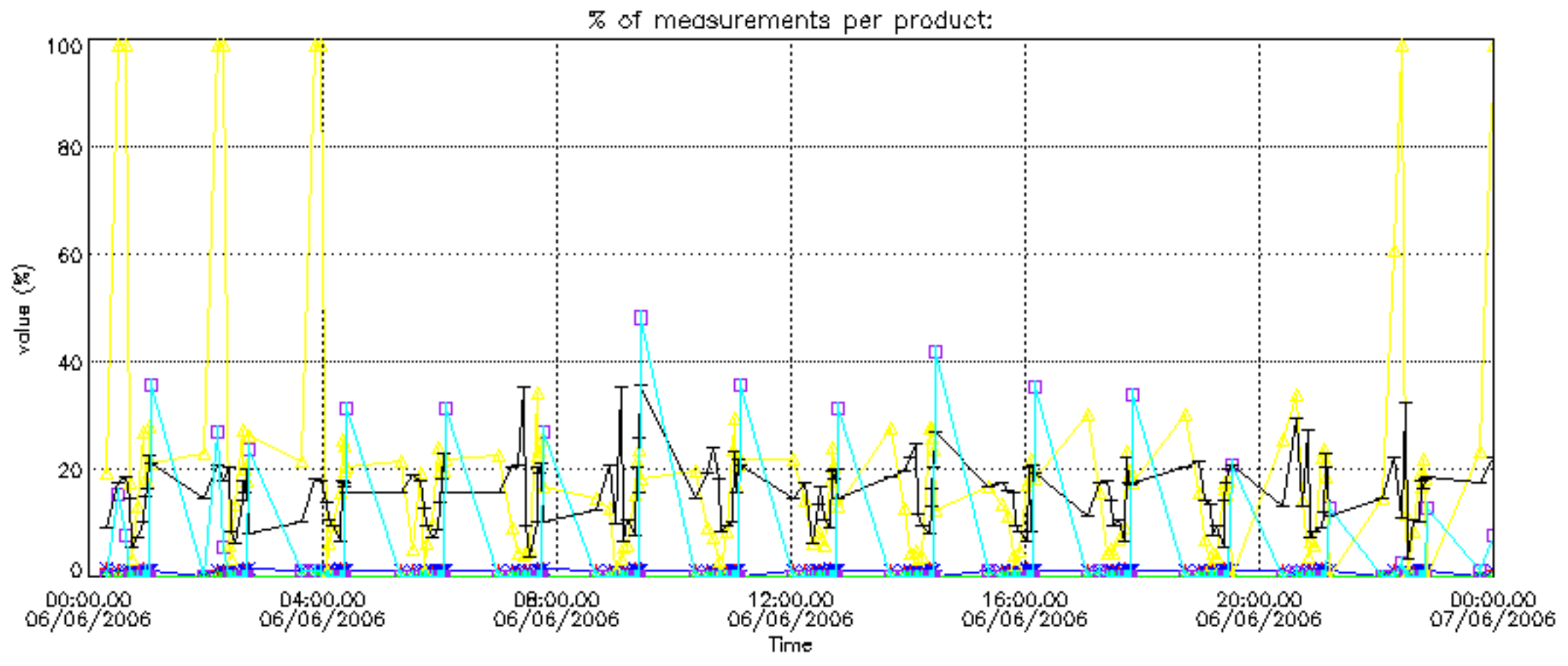


Percentage of flagged data per NO2 profile

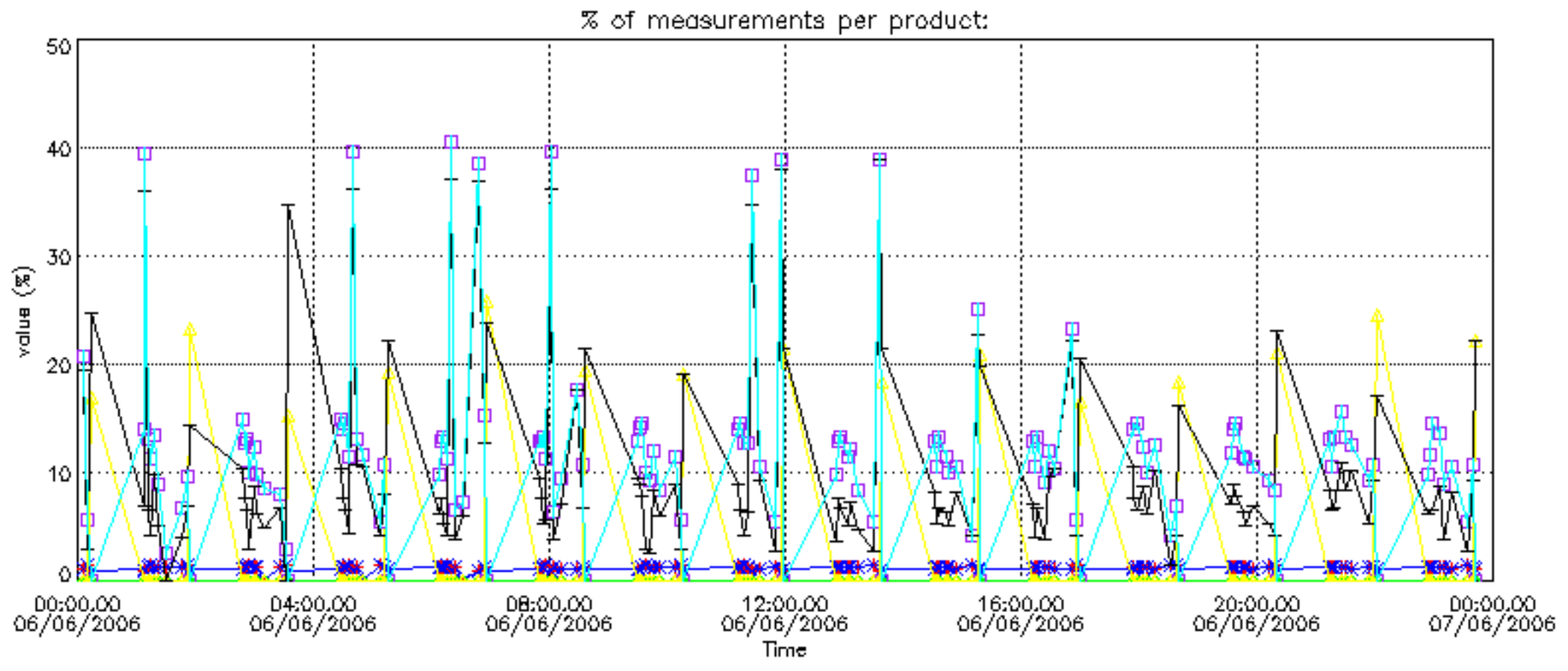


Percentage of flagged data per NO3 profile

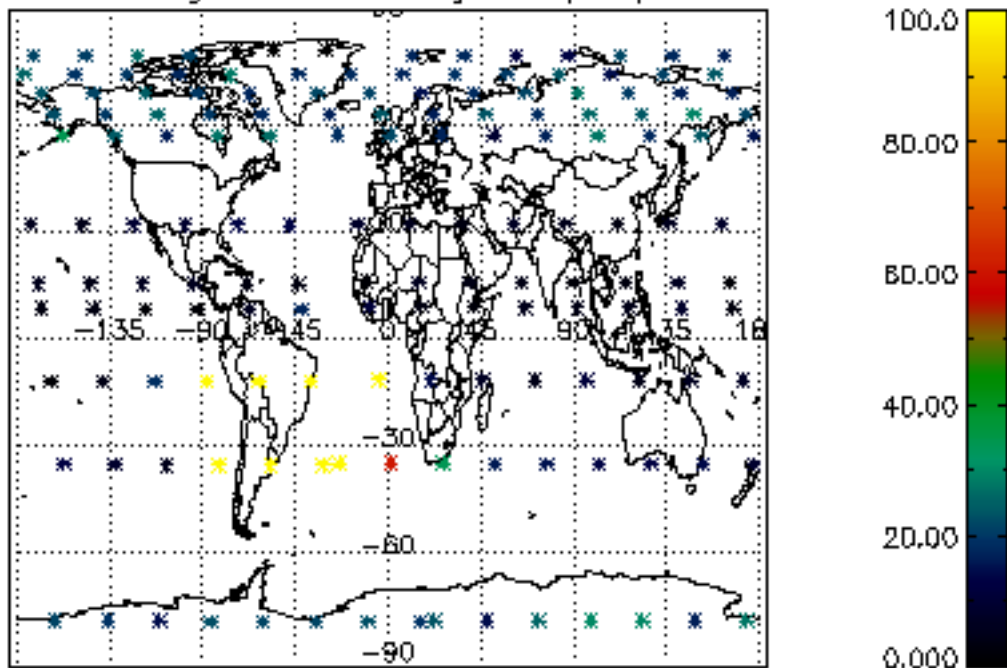




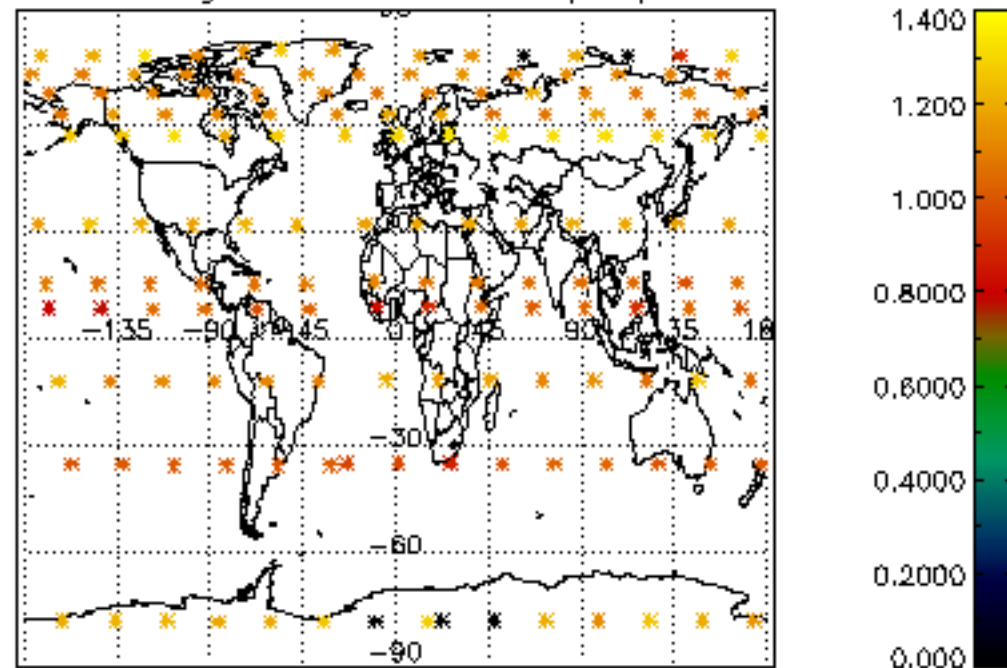




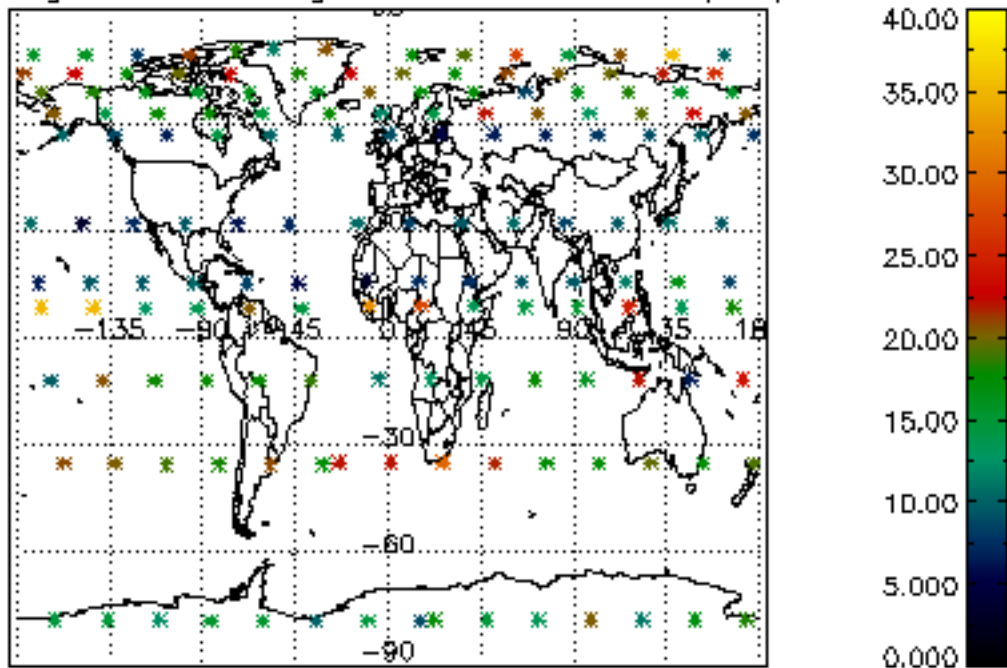
Percentage of cosmic ray hits per profile



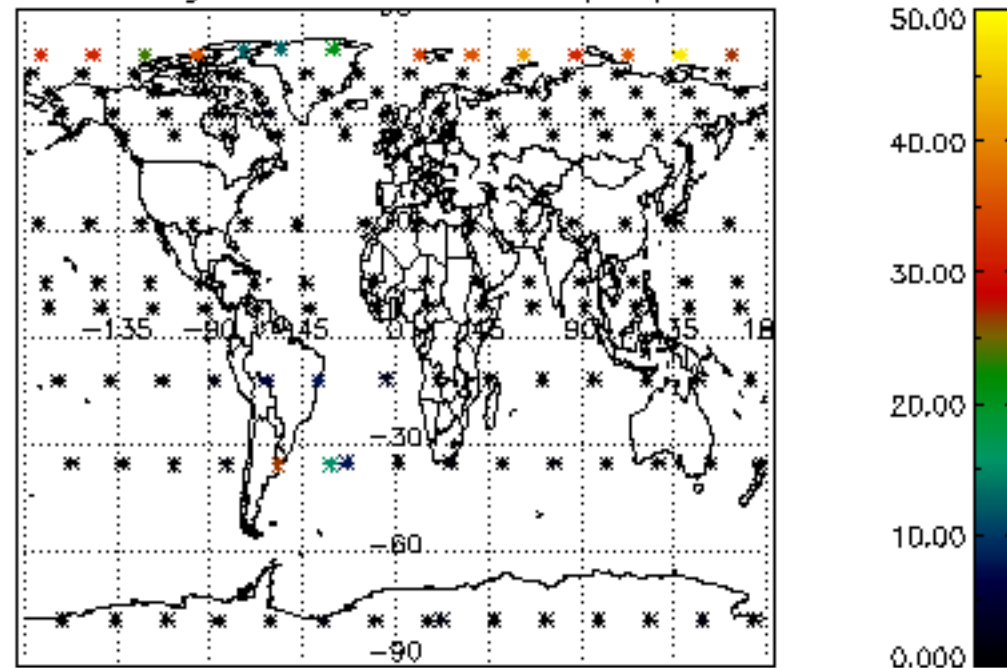
Percentage of datation errors per profile



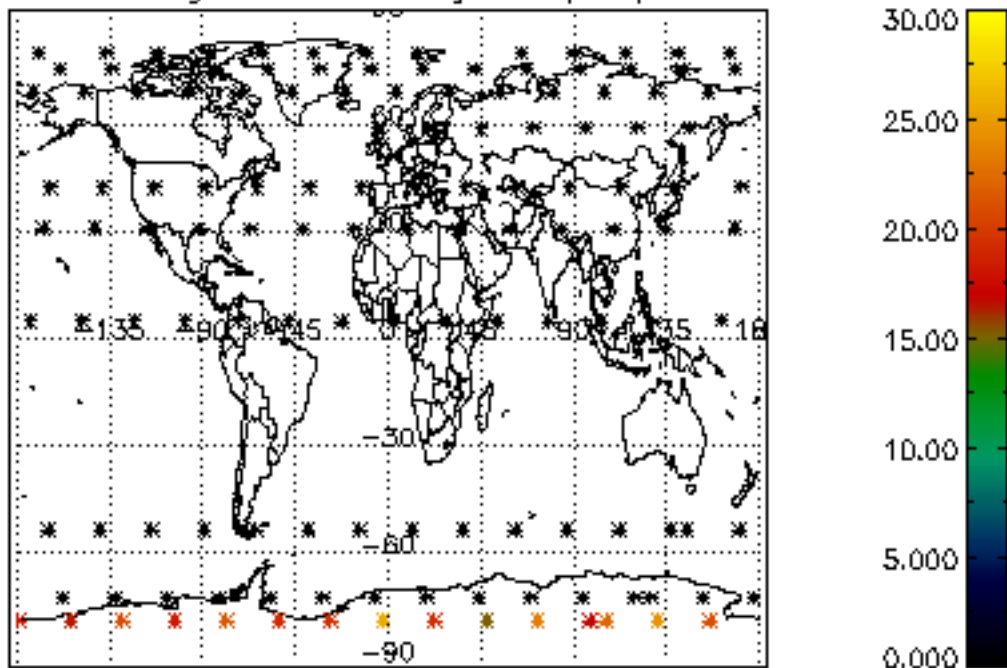
Percentage of star falling outside central band per profile



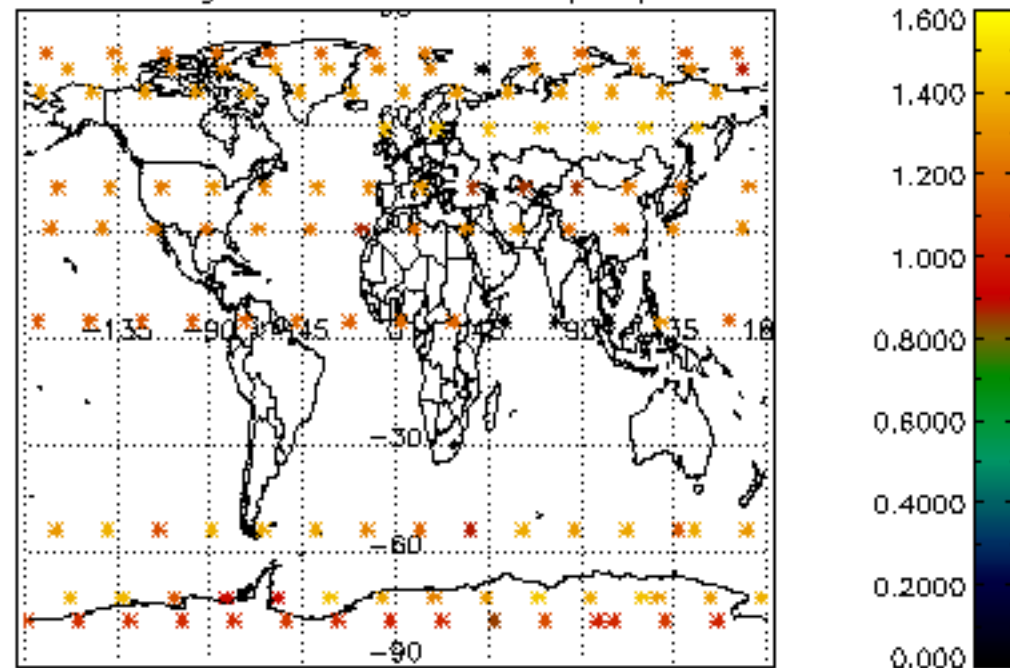
Percentage of saturation errors per profile



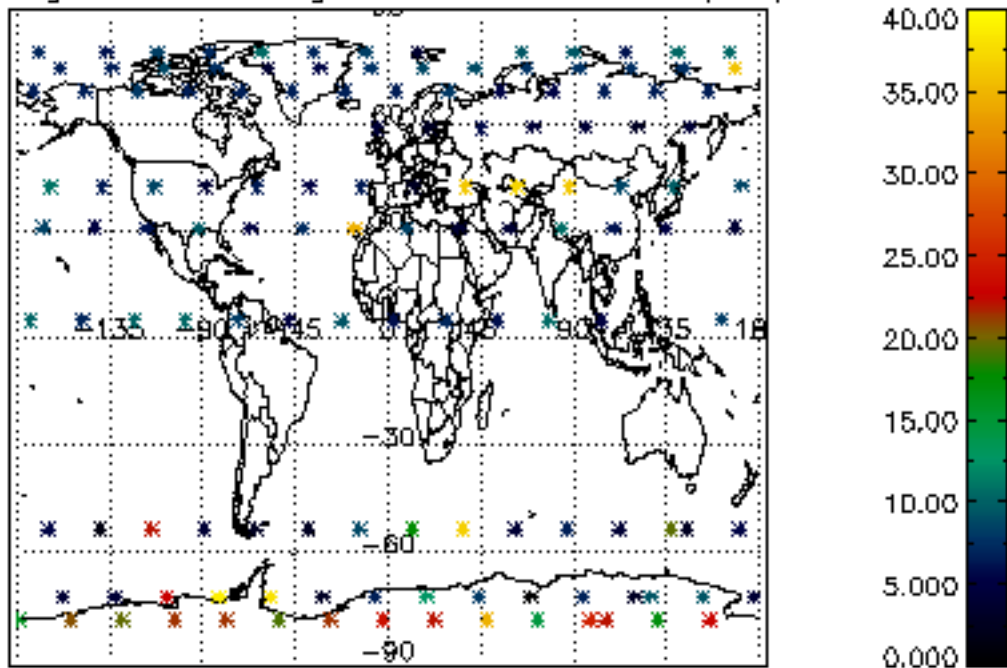
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

