

# 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	25APR2013 16:13:16
Data source version	GOMOS/6.01
Start time of products	15-06-2008 (15JUN2008 00:00:00)
Stop time of products	16-06-2008 (16JUN2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	368
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__2PRFIN20080615_000132_000000412069_00274_32893_8355.N1	15-JUN-2008 00:01:32	Twilight	41.000	40	The Sco	1.8590	7100.0	82	32893	No
2	GOM_NL__2PRFIN20080615_000315_000000432069_00274_32893_8356.N1	15-JUN-2008 00:03:15	Twilight	42.500	25	35Lam Sco	1.6200	28000.	85	32893	No
3	GOM_NL__2PRFIN20080615_000443_000000442069_00274_32893_8357.N1	15-JUN-2008 00:04:43	Twilight	44.000	75	26Eps Sco	2.2910	4250.0	88	32893	No
4	GOM_NL__2PRFIN20080615_000729_000000372069_00274_32893_8358.N1	15-JUN-2008 00:07:29	Bright	36.500	156	20Sig Sco	2.9030	28000.	73	32893	No
5	GOM_NL__2PRFIN20080615_000952_000000392069_00274_32893_8359.N1	15-JUN-2008 00:09:52	Bright	38.500	86	35Eta Oph	2.4300	10200.	77	32893	No
6	GOM_NL__2PRFIN20080615_001137_000000372069_00274_32893_8360.N1	15-JUN-2008 00:11:37	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	32893	No
7	GOM_NL__2PRFIN20080615_001342_000000372069_00274_32893_8361.N1	15-JUN-2008 00:13:42	Bright	36.500	120	1Del Oph	2.7340	3200.0	73	32893	No
8	GOM_NL__2PRFIN20080615_001645_000000352069_00274_32893_8362.N1	15-JUN-2008 00:16:45	Bright	35.000	102	24Alp Ser	2.6000	4250.0	70	32893	No
9	GOM_NL__2PRFIN20080615_002057_000000362069_00274_32893_8363.N1	15-JUN-2008 00:20:57	Bright	35.500	127	27Bet Her	2.7810	4700.0	71	32893	No
10	GOM_NL__2PRFIN20080615_002227_000000372069_00274_32893_8364.N1	15-JUN-2008 00:22:27	Bright	36.500	67	5Alp CrB	2.2210	11000.	73	32893	No
11	GOM_NL__2PRFIN20080615_002400_000000372069_00274_32893_8365.N1	15-JUN-2008 00:24:00	Bright	37.000	133	40Zet Her	2.8070	6000.0	74	32893	No
12	GOM_NL__2PRFIN20080615_003050_000000372069_00274_32893_8366.N1	15-JUN-2008 00:30:50	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	32893	No
13	GOM_NL__2PRFIN20080615_003222_000000372069_00274_32893_8367.N1	15-JUN-2008 00:32:22	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	32893	No
14	GOM_NL__2PRFIN20080615_003548_000000372069_00274_32893_8368.N1	15-JUN-2008 00:35:48	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	32893	No
15	GOM_NL__2PRFIN20080615_004026_000000332069_00274_32893_8369.N1	15-JUN-2008 00:40:26	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	32893	No
16	GOM_NL__2PRFIN20080615_004758_000000592069_00274_32893_8370.N1	15-JUN-2008 00:47:58	Bright	59.000	76	27Gam Cas	2.3000	30000.	118	32893	No
17	GOM_NL__2PRFIN20080615_005041_000000342069_00274_32893_8371.N1	15-JUN-2008 00:50:41	Bright	33.500	160	23Gam Per	2.9300	4700.0	67	32893	No
18	GOM_NL__2PRFIN20080615_005409_000000392069_00274_32893_8372.N1	15-JUN-2008 00:54:09	Bright	39.000	73	57Gam1And	2.2600	13100.	78	32893	No
19	GOM_NL__2PRFIN20080615_005624_000000402069_00274_32893_8373.N1	15-JUN-2008 00:56:24	Bright	39.500	173	4Bet Tri	3.0040	8900.0	79	32893	No
20	GOM_NL__2PRFIN20080615_005958_000000502069_00274_32893_8374.N1	15-JUN-2008 00:59:58	Twilight	49.500	50	13Alp Ari	2.0070	4250.0	99	32893	No
21	GOM_NL__2PRFIN20080615_010444_000000432069_00274_32893_8375.N1	15-JUN-2008 01:04:44	Dark	43.000	94	92Alp Cet	2.5260	3100.0	86	32893	No
22	GOM_NL__2PRFIN20080615_012149_000000442069_00274_32893_8376.N1	15-JUN-2008 01:21:49	Dark	44.000	84	Alp Phe	2.3970	4500.0	88	32893	No
23	GOM_NL__2PRFIN20080615_012801_000000522069_00275_32894_8363.N1	15-JUN-2008 01:28:01	Dark	51.500	63	Bet Gru	2.1500	2800.0	103	32894	No
24	GOM_NL__2PRFIN20080615_013357_000000452069_00275_32894_8364.N1	15-JUN-2008 01:33:57	Straylight	44.500	45	Alp Pav	1.9400	26000.	89	32894	No
25	GOM_NL__2PRFIN20080615_013902_000000392069_00275_32894_8365.N1	15-JUN-2008 01:39:02	Straylight	38.500	141	Bet Ara	2.8400	4600.0	77	32894	No
26	GOM_NL__2PRFIN20080615_014024_000000422069_00275_32894_8366.N1	15-JUN-2008 01:40:24	Straylight	42.000	147	Alp Ara	2.8770	26000.	84	32894	No
27	GOM_NL__2PRFIN20080615_014209_000000422069_00275_32894_8367.N1	15-JUN-2008 01:42:09	Twilight	42.000	40	The Sco	1.8590	7100.0	84	32894	No
28	GOM_NL__2PRFIN20080615_014351_000000452069_00275_32894_8368.N1	15-JUN-2008 01:43:51	Twilight	44.500	25	35Lam Sco	1.6200	28000.	89	32894	No
29	GOM_NL__2PRFIN20080615_014519_000000402069_00275_32894_8369.N1	15-JUN-2008 01:45:19	Twilight	40.000	75	26Eps Sco	2.2910	4250.0	80	32894	No
30	GOM_NL__2PRFIN20080615_014805_000000362069_00275_32894_8370.N1	15-JUN-2008 01:48:05	Bright	36.000	156	20Sig Sco	2.9030	28000.	72	32894	No
31	GOM_NL__2PRFIN20080615_015028_000000392069_00275_32894_8371.N1	15-JUN-2008 01:50:28	Bright	39.000	86	35Eta Oph	2.4300	10200.	78	32894	No
32	GOM_NL__2PRFIN20080615_015213_000000362069_00275_32894_8372.N1	15-JUN-2008 01:52:13	Bright	35.500	98	13Zet Oph	2.5710	30000.	71	32894	No
33	GOM_NL__2PRFIN20080615_015418_000000372069_00275_32894_8373.N1	15-JUN-2008 01:54:18	Bright	36.500	120	1Del Oph	2.7340	3200.0	73	32894	No
34	GOM_NL__2PRFIN20080615_015721_000000352069_00275_32894_8374.N1	15-JUN-2008 01:57:21	Bright	34.500	102	24Alp Ser	2.6000	4250.0	69	32894	No
35	GOM_NL__2PRFIN20080615_020133_000000392069_00275_32894_8375.N1	15-JUN-2008 02:01:33	Bright	38.500	127	27Bet Her	2.7810	4700.0	77	32894	No
36	GOM_NL__2PRFIN20080615_020303_000000362069_00275_32894_8376.N1	15-JUN-2008 02:03:03	Bright	36.000	67	5Alp CrB	2.2210	11000.	72	32894	No
37	GOM_NL__2PRFIN20080615_020436_000000372069_00275_32894_8377.N1	15-JUN-2008 02:04:36	Bright	36.500	133	40Zet Her	2.8070	6000.0	73	32894	No
38	GOM_NL__2PRFIN20080615_021126_000000372069_00275_32894_8378.N1	15-JUN-2008 02:11:26	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	32894	No
39	GOM_NL__2PRFIN20080615_021258_000000342069_00275_32894_8379.N1	15-JUN-2008 02:12:58	Bright	34.000	119	14Eta Dra	2.7270	4700.0	68	32894	No
40	GOM_NL__2PRFIN20080615_021624_000000362069_00275_32894_8380.N1	15-JUN-2008 02:16:24	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	32894	No
41	GOM_NL__2PRFIN20080615_022102_000000362069_00275_32894_8381.N1	15-JUN-2008 02:21:02	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	32894	No
42	GOM_NL__2PRFIN20080615_022833_000000392069_00275_32894_8382.N1	15-JUN-2008 02:28:33	Bright	39.000	76	27Gam Cas	2.3000	30000.	78	32894	No

43	GOM_NL__2PRFIN20080615_023117_000000352069_00275_32894_8383.N1	15-JUN-2008 02:31:17	Bright	35.000	160	23Gam Per	2.9300	4700.0	70	32894	No
44	GOM_NL__2PRFIN20080615_023445_000000412069_00275_32894_8384.N1	15-JUN-2008 02:34:45	Bright	40.500	73	57Gam1And	2.2600	13100.	81	32894	No
45	GOM_NL__2PRFIN20080615_023700_000000402069_00275_32894_8385.N1	15-JUN-2008 02:37:00	Bright	39.500	173	4Bet Tri	3.0040	8900.0	79	32894	No
46	GOM_NL__2PRFIN20080615_024034_000000472069_00275_32894_8386.N1	15-JUN-2008 02:40:34	Twilight	46.500	50	13Alp Ari	2.0070	4250.0	93	32894	No
47	GOM_NL__2PRFIN20080615_024520_000000472069_00275_32894_8387.N1	15-JUN-2008 02:45:20	Dark	46.500	94	92Alp Cet	2.5260	3100.0	93	32894	No
48	GOM_NL__2PRFIN20080615_030226_000000432069_00275_32894_8388.N1	15-JUN-2008 03:02:26	Dark	43.000	84	Alp Phe	2.3970	4500.0	86	32894	No
49	GOM_NL__2PRFIN20080615_030838_000000512069_00276_32895_8387.N1	15-JUN-2008 03:08:38	Dark	50.500	63	Bet Gru	2.1500	2800.0	101	32895	No
50	GOM_NL__2PRFIN20080615_031434_000000452069_00276_32895_8388.N1	15-JUN-2008 03:14:34	Straylight	45.000	45	Alp Pav	1.9400	26000.	90	32895	No
51	GOM_NL__2PRFIN20080615_031938_000000412069_00276_32895_8389.N1	15-JUN-2008 03:19:38	Straylight	41.000	141	Bet Ara	2.8400	4600.0	82	32895	No
52	GOM_NL__2PRFIN20080615_032100_000000392069_00276_32895_8390.N1	15-JUN-2008 03:21:00	Straylight	38.500	147	Alp Ara	2.8770	26000.	77	32895	No
53	GOM_NL__2PRFIN20080615_032245_000000452069_00276_32895_8391.N1	15-JUN-2008 03:22:45	Twi_and_stray	45.000	40	The Sco	1.8590	7100.0	90	32895	No
54	GOM_NL__2PRFIN20080615_032428_000000412069_00276_32895_8392.N1	15-JUN-2008 03:24:28	Twi_and_stray	41.000	25	35Lam Sco	1.6200	28000.	82	32895	No
55	GOM_NL__2PRFIN20080615_032555_000000392069_00276_32895_8393.N1	15-JUN-2008 03:25:55	Twi_and_stray	38.500	75	26Eps Sco	2.2910	4250.0	77	32895	No
56	GOM_NL__2PRFIN20080615_032842_000000362069_00276_32895_8394.N1	15-JUN-2008 03:28:42	Bright	35.500	156	20Sig Sco	2.9030	28000.	71	32895	No
57	GOM_NL__2PRFIN20080615_033104_000000392069_00276_32895_8395.N1	15-JUN-2008 03:31:04	Bright	38.500	86	35Eta Oph	2.4300	10200.	77	32895	No
58	GOM_NL__2PRFIN20080615_033249_000000372069_00276_32895_8396.N1	15-JUN-2008 03:32:49	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	32895	No
59	GOM_NL__2PRFIN20080615_033455_000000362069_00276_32895_8397.N1	15-JUN-2008 03:34:55	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	32895	No
60	GOM_NL__2PRFIN20080615_033757_000000352069_00276_32895_8398.N1	15-JUN-2008 03:37:57	Bright	35.000	102	24Alp Ser	2.6000	4250.0	70	32895	No
61	GOM_NL__2PRFIN20080615_034209_000000372069_00276_32895_8399.N1	15-JUN-2008 03:42:09	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	32895	No
62	GOM_NL__2PRFIN20080615_034339_000000342069_00276_32895_8400.N1	15-JUN-2008 03:43:39	Bright	34.000	67	5Alp CrB	2.2210	11000.	68	32895	No
63	GOM_NL__2PRFIN20080615_034512_000000502069_00276_32895_8401.N1	15-JUN-2008 03:45:12	Bright	50.000	133	40Zet Her	2.8070	6000.0	100	32895	No
64	GOM_NL__2PRFIN20080615_035202_000000392069_00276_32895_8402.N1	15-JUN-2008 03:52:02	Bright	39.000	130	23Bet Dra	2.7990	5800.0	78	32895	No
65	GOM_NL__2PRFIN20080615_035333_000000372069_00276_32895_8403.N1	15-JUN-2008 03:53:33	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	32895	No
66	GOM_NL__2PRFIN20080615_035701_000000322069_00276_32895_8404.N1	15-JUN-2008 03:57:01	Bright	31.500	60	7Bet UMi	2.0810	3950.0	63	32895	No
67	GOM_NL__2PRFIN20080615_040138_000000352069_00276_32895_8405.N1	15-JUN-2008 04:01:38	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	32895	No
68	GOM_NL__2PRFIN20080615_040909_000000412069_00276_32895_8406.N1	15-JUN-2008 04:09:09	Bright	40.500	76	27Gam Cas	2.3000	30000.	81	32895	No
69	GOM_NL__2PRFIN20080615_041153_000000522069_00276_32895_8407.N1	15-JUN-2008 04:11:53	Bright	51.500	160	23Gam Per	2.9300	4700.0	103	32895	No
70	GOM_NL__2PRFIN20080615_041521_000000402069_00276_32895_8408.N1	15-JUN-2008 04:15:21	Bright	40.000	73	57Gam1And	2.2600	13100.	80	32895	No
71	GOM_NL__2PRFIN20080615_041736_000000412069_00276_32895_8409.N1	15-JUN-2008 04:17:36	Bright	41.000	173	4Bet Tri	3.0040	8900.0	82	32895	No
72	GOM_NL__2PRFIN20080615_042111_000000502069_00276_32895_8410.N1	15-JUN-2008 04:21:11	Twilight	49.500	50	13Alp Ari	2.0070	4250.0	99	32895	No
73	GOM_NL__2PRFIN20080615_042556_000000422069_00276_32895_8411.N1	15-JUN-2008 04:25:56	Dark	41.500	94	92Alp Cet	2.5260	3100.0	83	32895	No
74	GOM_NL__2PRFIN20080615_044303_000000472069_00276_32895_8412.N1	15-JUN-2008 04:43:03	Dark	47.000	84	Alp Phe	2.3970	4500.0	94	32895	No
75	GOM_NL__2PRFIN20080615_044915_000000532069_00277_32896_8401.N1	15-JUN-2008 04:49:15	Dark	53.000	63	Bet Gru	2.1500	2800.0	106	32896	No
76	GOM_NL__2PRFIN20080615_045510_000000412069_00277_32896_8402.N1	15-JUN-2008 04:55:10	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	32896	No
77	GOM_NL__2PRFIN20080615_050014_000000462069_00277_32896_8403.N1	15-JUN-2008 05:00:14	Straylight	46.000	141	Bet Ara	2.8400	4600.0	92	32896	No
78	GOM_NL__2PRFIN20080615_050136_000000372069_00277_32896_8404.N1	15-JUN-2008 05:01:36	Straylight	37.000	147	Alp Ara	2.8770	26000.	74	32896	No
79	GOM_NL__2PRFIN20080615_050321_000000422069_00277_32896_8405.N1	15-JUN-2008 05:03:21	Twi_and_stray	42.000	40	The Sco	1.8590	7100.0	84	32896	No
80	GOM_NL__2PRFIN20080615_050504_000000442069_00277_32896_8406.N1	15-JUN-2008 05:05:04	Twi_and_stray	43.500	25	35Lam Sco	1.6200	28000.	87	32896	No
81	GOM_NL__2PRFIN20080615_050631_000000422069_00277_32896_8407.N1	15-JUN-2008 05:06:31	Twi_and_stray	41.500	75	26Eps Sco	2.2910	4250.0	83	32896	No
82	GOM_NL__2PRFIN20080615_050918_000000372069_00277_32896_8408.N1	15-JUN-2008 05:09:18	Bright	37.000	156	20Sig Sco	2.9030	28000.	74	32896	No
83	GOM_NL__2PRFIN20080615_051140_000000372069_00277_32896_8409.N1	15-JUN-2008 05:11:40	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	32896	No
84	GOM_NL__2PRFIN20080615_051325_000000362069_00277_32896_8410.N1	15-JUN-2008 05:13:25	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	32896	No
85	GOM_NL__2PRFIN20080615_051531_000000362069_00277_32896_8411.N1	15-JUN-2008 05:15:31	Bright	35.500	120	1Del Oph	2.7340	3200.0	71	32896	No
86	GOM_NL__2PRFIN20080615_051833_000000352069_00277_32896_8412.N1	15-JUN-2008 05:18:33	Bright	35.000	102	24Alp Ser	2.6000	4250.0	70	32896	No
87	GOM_NL__2PRFIN20080615_052245_000000372069_00277_32896_8413.N1	15-JUN-2008 05:22:45	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	32896	No
88	GOM_NL__2PRFIN20080615_052415_000000352069_00277_32896_8414.N1	15-JUN-2008 05:24:15	Bright	34.500	67	5Alp CrB	2.2210	11000.	69	32896	No
89	GOM_NL__2PRFIN20080615_052547_000000362069_00277_32896_8415.N1	15-JUN-2008 05:25:47	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	32896	No
90	GOM_NL__2PRFIN20080615_053237_000000402069_00277_32896_8416.N1	15-JUN-2008 05:32:37	Bright	40.000	130	23Bet Dra	2.7990	5800.0	80	32896	No
91	GOM_NL__2PRFIN20080615_053409_000000372069_00277_32896_8417.N1	15-JUN-2008 05:34:09	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	32896	No
92	GOM_NL__2PRFIN20080615_053737_000000372069_00277_32896_8418.N1	15-JUN-2008 05:37:37	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	32896	No
93	GOM_NL__2PRFIN20080615_054214_000000342069_00277_32896_8419.N1	15-JUN-2008 05:42:14	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	32896	No
94	GOM_NL__2PRFIN20080615_054945_000000542069_00277_32896_8420.N1	15-JUN-2008 05:49:45	Bright	54.000	76	27Gam Cas	2.3000	30000.	108	32896	No
95	GOM_NL__2PRFIN20080615_055229_000000332069_00277_32896_8421.N1	15-JUN-2008 05:52:29	Bright	33.000	160	23Gam Per	2.9300	4700.0	66	32896	No
96	GOM_NL__2PRFIN20080615_055557_000000382069_00277_32896_8422.N1	15-JUN-2008 05:55:57	Bright	38.000	73	57Gam1And	2.2600	13100.	76	32896	No
97	GOM_NL__2PRFIN20080615_055812_000000412069_00277_32896_8423.N1	15-JUN-2008 05:58:12	Bright	40.500	173	4Bet Tri	3.0040	8900.0	81	32896	No
98	GOM_NL__2PRFIN20080615_060147_000000472069_00277_32896_8424.N1	15-JUN-2008 06:01:47	Twilight	47.000	50	13Alp Ari	2.0070	4250.0	94	32896	No
99	GOM_NL__2PRFIN20080615_060632_000000432069_00277_32896_8425.N1	15-JUN-2008 06:06:32	Dark	43.000	94	92Alp Cet	2.5260	3100.0	86	32896	No
100	GOM_NL__2PRFIN20080615_062340_000000452069_00277_32896_8426.N1	15-JUN-2008 06:23:40	Dark	45.000	84	Alp Phe	2.3970	4500.0	90	32896	No
101	GOM_NL__2PRFIN20080615_062952_000000492069_00278_32897_8410.N1	15-JUN-2008 06:29:52	Dark	48.500	63	Bet Gru	2.1500	2800.0	97	32897	No

102	GOM_NL__2PRFIN20080615_063547_000000422069_00278_32897_8411.N1	15-JUN-2008 06:35:47	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	32897	No
103	GOM_NL__2PRFIN20080615_064050_000000392069_00278_32897_8412.N1	15-JUN-2008 06:40:50	Straylight	38.500	141	Bet Ara	2.8400	4600.0	77	32897	No
104	GOM_NL__2PRFIN20080615_064212_000000382069_00278_32897_8413.N1	15-JUN-2008 06:42:12	Straylight	38.000	147	Alp Ara	2.8770	26000.	76	32897	No
105	GOM_NL__2PRFIN20080615_064358_000000452069_00278_32897_8414.N1	15-JUN-2008 06:43:58	Tw_i_and_stray	45.000	40	The Sco	1.8590	7100.0	90	32897	No
106	GOM_NL__2PRFIN20080615_064540_000000442069_00278_32897_8415.N1	15-JUN-2008 06:45:40	Tw_i_and_stray	43.500	25	35Lam Sco	1.6200	28000.	87	32897	No
107	GOM_NL__2PRFIN20080615_064708_000000452069_00278_32897_8416.N1	15-JUN-2008 06:47:08	Tw_i_and_stray	44.500	75	26Eps Sco	2.2910	4250.0	89	32897	No
108	GOM_NL__2PRFIN20080615_064954_000000372069_00278_32897_8417.N1	15-JUN-2008 06:49:54	Bright	36.500	156	20Sig Sco	2.9030	28000.	73	32897	No
109	GOM_NL__2PRFIN20080615_065216_000000392069_00278_32897_8418.N1	15-JUN-2008 06:52:16	Bright	39.000	86	35Eta Oph	2.4300	10200.	78	32897	No
110	GOM_NL__2PRFIN20080615_065401_000000372069_00278_32897_8419.N1	15-JUN-2008 06:54:01	Bright	37.000	98	13Zet Oph	2.5710	30000.	74	32897	No
111	GOM_NL__2PRFIN20080615_065607_000000362069_00278_32897_8420.N1	15-JUN-2008 06:56:07	Bright	35.500	120	1Del Oph	2.7340	3200.0	71	32897	No
112	GOM_NL__2PRFIN20080615_065909_000000352069_00278_32897_8421.N1	15-JUN-2008 06:59:09	Bright	34.500	102	24Alp Ser	2.6000	4250.0	69	32897	No
113	GOM_NL__2PRFIN20080615_070321_000000392069_00278_32897_8422.N1	15-JUN-2008 07:03:21	Bright	39.000	127	27Bet Her	2.7810	4700.0	78	32897	No
114	GOM_NL__2PRFIN20080615_070451_000000522069_00278_32897_8423.N1	15-JUN-2008 07:04:51	Bright	52.000	67	5Alp CrB	2.2210	11000.	104	32897	No
115	GOM_NL__2PRFIN20080615_070623_000000362069_00278_32897_8424.N1	15-JUN-2008 07:06:23	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	32897	No
116	GOM_NL__2PRFIN20080615_071313_000000402069_00278_32897_8425.N1	15-JUN-2008 07:13:13	Bright	40.000	130	23Bet Dra	2.7990	5800.0	80	32897	No
117	GOM_NL__2PRFIN20080615_071445_000000372069_00278_32897_8426.N1	15-JUN-2008 07:14:45	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	32897	No
118	GOM_NL__2PRFIN20080615_071813_000000372069_00278_32897_8427.N1	15-JUN-2008 07:18:13	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	32897	No
119	GOM_NL__2PRFIN20080615_072250_000000332069_00278_32897_8428.N1	15-JUN-2008 07:22:50	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	32897	No
120	GOM_NL__2PRFIN20080615_073021_000000592069_00278_32897_8429.N1	15-JUN-2008 07:30:21	Bright	58.500	76	27Gam Cas	2.3000	30000.	117	32897	No
121	GOM_NL__2PRFIN20080615_073305_000000342069_00278_32897_8430.N1	15-JUN-2008 07:33:05	Bright	33.500	160	23Gam Per	2.9300	4700.0	67	32897	No
122	GOM_NL__2PRFIN20080615_073633_000000412069_00278_32897_8431.N1	15-JUN-2008 07:36:33	Bright	40.500	73	57Gam1And	2.2600	13100.	81	32897	No
123	GOM_NL__2PRFIN20080615_073848_000000392069_00278_32897_8432.N1	15-JUN-2008 07:38:48	Bright	39.000	173	4Bet Tri	3.0040	8900.0	78	32897	No
124	GOM_NL__2PRFIN20080615_074223_000000472069_00278_32897_8433.N1	15-JUN-2008 07:42:23	Twilight	46.500	50	13Alp Ari	2.0070	4250.0	93	32897	No
125	GOM_NL__2PRFIN20080615_074709_000000432069_00278_32897_8434.N1	15-JUN-2008 07:47:09	Dark	42.500	94	92Alp Cet	2.5260	3100.0	85	32897	No
126	GOM_NL__2PRFIN20080615_080416_000000452069_00278_32897_8435.N1	15-JUN-2008 08:04:16	Dark	44.500	84	Alp Phe	2.3970	4500.0	89	32897	No
127	GOM_NL__2PRFIN20080615_081029_000000512069_00279_32898_8425.N1	15-JUN-2008 08:10:29	Dark	50.500	63	Bet Gru	2.1500	2800.0	101	32898	No
128	GOM_NL__2PRFIN20080615_081624_000000422069_00279_32898_8426.N1	15-JUN-2008 08:16:24	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	32898	No
129	GOM_NL__2PRFIN20080615_082127_000000412069_00279_32898_8427.N1	15-JUN-2008 08:21:27	Straylight	40.500	141	Bet Ara	2.8400	4600.0	81	32898	No
130	GOM_NL__2PRFIN20080615_082249_000000412069_00279_32898_8428.N1	15-JUN-2008 08:22:49	Straylight	40.500	147	Alp Ara	2.8770	26000.	81	32898	No
131	GOM_NL__2PRFIN20080615_082434_000000442069_00279_32898_8429.N1	15-JUN-2008 08:24:34	Tw_i_and_stray	43.500	40	The Sco	1.8590	7100.0	87	32898	No
132	GOM_NL__2PRFIN20080615_082617_000000442069_00279_32898_8430.N1	15-JUN-2008 08:26:17	Tw_i_and_stray	44.000	25	35Lam Sco	1.6200	28000.	88	32898	No
133	GOM_NL__2PRFIN20080615_082744_000000442069_00279_32898_8431.N1	15-JUN-2008 08:27:44	Tw_i_and_stray	43.500	75	26Eps Sco	2.2910	4250.0	87	32898	No
134	GOM_NL__2PRFIN20080615_083030_000000362069_00279_32898_8432.N1	15-JUN-2008 08:30:30	Bright	36.000	156	20Sig Sco	2.9030	28000.	72	32898	No
135	GOM_NL__2PRFIN20080615_083253_000000392069_00279_32898_8433.N1	15-JUN-2008 08:32:53	Bright	38.500	86	35Eta Oph	2.4300	10200.	77	32898	No
136	GOM_NL__2PRFIN20080615_083437_000000362069_00279_32898_8434.N1	15-JUN-2008 08:34:37	Bright	35.500	98	13Zet Oph	2.5710	30000.	71	32898	No
137	GOM_NL__2PRFIN20080615_083643_000000362069_00279_32898_8435.N1	15-JUN-2008 08:36:43	Bright	35.500	120	1Del Oph	2.7340	3200.0	71	32898	No
138	GOM_NL__2PRFIN20080615_083945_000000352069_00279_32898_8436.N1	15-JUN-2008 08:39:45	Bright	35.000	102	24Alp Ser	2.6000	4250.0	70	32898	No
139	GOM_NL__2PRFIN20080615_084356_000000372069_00279_32898_8437.N1	15-JUN-2008 08:43:56	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	32898	No
140	GOM_NL__2PRFIN20080615_084528_000000342069_00279_32898_8438.N1	15-JUN-2008 08:45:28	Bright	33.500	67	5Alp CrB	2.2210	11000.	67	32898	No
141	GOM_NL__2PRFIN20080615_084659_000000382069_00279_32898_8439.N1	15-JUN-2008 08:46:59	Bright	37.500	133	40Zet Her	2.8070	6000.0	75	32898	No
142	GOM_NL__2PRFIN20080615_085348_000000572069_00279_32898_8440.N1	15-JUN-2008 08:53:48	Bright	56.500	130	23Bet Dra	2.7990	5800.0	113	32898	No
143	GOM_NL__2PRFIN20080615_085521_000000382069_00279_32898_8441.N1	15-JUN-2008 08:55:21	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	32898	No
144	GOM_NL__2PRFIN20080615_085849_000000362069_00279_32898_8442.N1	15-JUN-2008 08:58:49	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	32898	No
145	GOM_NL__2PRFIN20080615_090326_000000362069_00279_32898_8443.N1	15-JUN-2008 09:03:26	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	32898	No
146	GOM_NL__2PRFIN20080615_091056_000000482069_00279_32898_8444.N1	15-JUN-2008 09:10:56	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	32898	No
147	GOM_NL__2PRFIN20080615_091341_000000342069_00279_32898_8445.N1	15-JUN-2008 09:13:41	Bright	33.500	160	23Gam Per	2.9300	4700.0	67	32898	No
148	GOM_NL__2PRFIN20080615_091709_000000402069_00279_32898_8446.N1	15-JUN-2008 09:17:09	Bright	39.500	73	57Gam1And	2.2600	13100.	79	32898	No
149	GOM_NL__2PRFIN20080615_091924_000000392069_00279_32898_8447.N1	15-JUN-2008 09:19:24	Bright	38.500	173	4Bet Tri	3.0040	8900.0	77	32898	No
150	GOM_NL__2PRFIN20080615_092259_000000492069_00279_32898_8448.N1	15-JUN-2008 09:22:59	Twilight	49.000	50	13Alp Ari	2.0070	4250.0	98	32898	No
151	GOM_NL__2PRFIN20080615_092745_000000432069_00279_32898_8449.N1	15-JUN-2008 09:27:45	Dark	42.500	94	92Alp Cet	2.5260	3100.0	85	32898	No
152	GOM_NL__2PRFIN20080615_094453_000000462069_00279_32898_8450.N1	15-JUN-2008 09:44:53	Dark	45.500	84	Alp Phe	2.3970	4500.0	91	32898	No
153	GOM_NL__2PRFIN20080615_095106_000000512069_00280_32899_8445.N1	15-JUN-2008 09:51:06	Dark	50.500	63	Bet Gru	2.1500	2800.0	101	32899	No
154	GOM_NL__2PRFIN20080615_095700_000000422069_00280_32899_8446.N1	15-JUN-2008 09:57:00	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	32899	No
155	GOM_NL__2PRFIN20080615_100203_000000402069_00280_32899_8447.N1	15-JUN-2008 10:02:03	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	32899	No
156	GOM_NL__2PRFIN20080615_100325_000000402069_00280_32899_8448.N1	15-JUN-2008 10:03:25	Straylight	39.500	147	Alp Ara	2.8770	26000.	79	32899	No
157	GOM_NL__2PRFIN20080615_100510_000000422069_00280_32899_8449.N1	15-JUN-2008 10:05:10	Tw_i_and_stray	41.500	40	The Sco	1.8590	7100.0	83	32899	No
158	GOM_NL__2PRFIN20080615_100653_000000432069_00280_32899_8450.N1	15-JUN-2008 10:06:53	Tw_i_and_stray	42.500	25	35Lam Sco	1.6200	28000.	85	32899	No
159	GOM_NL__2PRFIN20080615_100820_000000412069_00280_32899_8451.N1	15-JUN-2008 10:08:20	Tw_i_and_stray	40.500	75	26Eps Sco	2.2910	4250.0	81	32899	No
160	GOM_NL__2PRFIN20080615_101106_000000372069_00280_32899_8452.N1	15-JUN-2008 10:11:06	Bright	37.000	156	20Sig Sco	2.9030	28000.	74	32899	No



161	GOM_NL__2PRFIN20080615_101329_000000392069_00280_32899_8453.N1	15-JUN-2008 10:13:29	Bright	39.000	86	35Eta Oph	2.4300	10200.	78	32899	No
162	GOM_NL__2PRFIN20080615_101513_000000512069_00280_32899_8454.N1	15-JUN-2008 10:15:13	Bright	51.000	98	13Zet Oph	2.5710	30000.	102	32899	No
163	GOM_NL__2PRFIN20080615_101719_000000362069_00280_32899_8455.N1	15-JUN-2008 10:17:19	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	32899	No
164	GOM_NL__2PRFIN20080615_102028_000000292069_00280_32899_8456.N1	15-JUN-2008 10:20:28	Bright	29.000	102	24Alp Ser	2.6000	4250.0	58	32899	No
165	GOM_NL__2PRFIN20080615_102432_000000382069_00280_32899_8457.N1	15-JUN-2008 10:24:32	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	32899	No
166	GOM_NL__2PRFIN20080615_102604_000000362069_00280_32899_8458.N1	15-JUN-2008 10:26:04	Bright	36.000	67	5Alp CrB	2.2210	11000.	72	32899	No
167	GOM_NL__2PRFIN20080615_102735_000000392069_00280_32899_8459.N1	15-JUN-2008 10:27:35	Bright	38.500	133	40Zet Her	2.8070	6000.0	77	32899	No
168	GOM_NL__2PRFIN20080615_103424_000000412069_00280_32899_8460.N1	15-JUN-2008 10:34:24	Bright	40.500	130	23Bet Dra	2.7990	5800.0	81	32899	No
169	GOM_NL__2PRFIN20080615_103557_000000382069_00280_32899_8461.N1	15-JUN-2008 10:35:57	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	32899	No
170	GOM_NL__2PRFIN20080615_103925_000000362069_00280_32899_8462.N1	15-JUN-2008 10:39:25	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	32899	No
171	GOM_NL__2PRFIN20080615_104402_000000362069_00280_32899_8463.N1	15-JUN-2008 10:44:02	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	32899	No
172	GOM_NL__2PRFIN20080615_105132_000000402069_00280_32899_8464.N1	15-JUN-2008 10:51:32	Bright	39.500	76	27Gam Cas	2.3000	30000.	79	32899	No
173	GOM_NL__2PRFIN20080615_105417_000000342069_00280_32899_8465.N1	15-JUN-2008 10:54:17	Bright	33.500	160	23Gam Per	2.9300	4700.0	67	32899	No
174	GOM_NL__2PRFIN20080615_105745_000000412069_00280_32899_8466.N1	15-JUN-2008 10:57:45	Bright	40.500	73	57Gam1And	2.2600	13100.	81	32899	No
175	GOM_NL__2PRFIN20080615_110000_000000392069_00280_32899_8467.N1	15-JUN-2008 11:00:00	Bright	39.000	173	4Bet Tri	3.0040	8900.0	78	32899	No
176	GOM_NL__2PRFIN20080615_110335_000000522069_00280_32899_8468.N1	15-JUN-2008 11:03:35	Twilight	52.000	50	13Alp Ari	2.0070	4250.0	104	32899	No
177	GOM_NL__2PRFIN20080615_110821_000000372069_00280_32899_8469.N1	15-JUN-2008 11:08:21	Dark	37.000	94	92Alp Cet	2.5260	3100.0	74	32899	No
178	GOM_NL__2PRFIN20080615_112530_000000442069_00280_32899_8470.N1	15-JUN-2008 11:25:30	Dark	43.500	84	Alp Phe	2.3970	4500.0	87	32899	No
179	GOM_NL__2PRFIN20080615_113143_000000502069_00281_32900_8457.N1	15-JUN-2008 11:31:43	Dark	50.000	63	Bet Gru	2.1500	2800.0	100	32900	No
180	GOM_NL__2PRFIN20080615_113736_000000432069_00281_32900_8458.N1	15-JUN-2008 11:37:36	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	32900	No
181	GOM_NL__2PRFIN20080615_114239_000000392069_00281_32900_8459.N1	15-JUN-2008 11:42:39	Straylight	38.500	141	Bet Ara	2.8400	4600.0	77	32900	No
182	GOM_NL__2PRFIN20080615_114401_000000392069_00281_32900_8460.N1	15-JUN-2008 11:44:01	Straylight	38.500	147	Alp Ara	2.8770	26000.	77	32900	No
183	GOM_NL__2PRFIN20080615_114546_000000442069_00281_32900_8461.N1	15-JUN-2008 11:45:46	Twilight	44.000	40	The Sco	1.8590	7100.0	88	32900	No
184	GOM_NL__2PRFIN20080615_114729_000000422069_00281_32900_8462.N1	15-JUN-2008 11:47:29	Twilight	42.000	25	35Lam Sco	1.6200	28000.	84	32900	No
185	GOM_NL__2PRFIN20080615_114856_000000442069_00281_32900_8463.N1	15-JUN-2008 11:48:56	Twilight	44.000	75	26Eps Sco	2.2910	4250.0	88	32900	No
186	GOM_NL__2PRFIN20080615_115142_000000372069_00281_32900_8464.N1	15-JUN-2008 11:51:42	Bright	37.000	156	20Sig Sco	2.9030	28000.	74	32900	No
187	GOM_NL__2PRFIN20080615_115405_000000392069_00281_32900_8465.N1	15-JUN-2008 11:54:05	Bright	38.500	86	35Eta Oph	2.4300	10200.	77	32900	No
188	GOM_NL__2PRFIN20080615_115549_000000372069_00281_32900_8466.N1	15-JUN-2008 11:55:49	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	32900	No
189	GOM_NL__2PRFIN20080615_115755_000000362069_00281_32900_8467.N1	15-JUN-2008 11:57:55	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	32900	No
190	GOM_NL__2PRFIN20080615_120508_000000372069_00281_32900_8468.N1	15-JUN-2008 12:05:08	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	32900	No
191	GOM_NL__2PRFIN20080615_120639_000000342069_00281_32900_8469.N1	15-JUN-2008 12:06:39	Bright	33.500	67	5Alp CrB	2.2210	11000.	67	32900	No
192	GOM_NL__2PRFIN20080615_120810_000000392069_00281_32900_8470.N1	15-JUN-2008 12:08:10	Bright	39.000	133	40Zet Her	2.8070	6000.0	78	32900	No
193	GOM_NL__2PRFIN20080615_121459_000000402069_00281_32900_8471.N1	15-JUN-2008 12:14:59	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	32900	No
194	GOM_NL__2PRFIN20080615_121632_000000382069_00281_32900_8472.N1	15-JUN-2008 12:16:32	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	32900	No
195	GOM_NL__2PRFIN20080615_122000_000000362069_00281_32900_8473.N1	15-JUN-2008 12:20:00	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	32900	No
196	GOM_NL__2PRFIN20080615_122437_000000352069_00281_32900_8474.N1	15-JUN-2008 12:24:37	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	32900	No
197	GOM_NL__2PRFIN20080615_123208_000000422069_00281_32900_8475.N1	15-JUN-2008 12:32:08	Bright	41.500	76	27Gam Cas	2.3000	30000.	83	32900	No
198	GOM_NL__2PRFIN20080615_123453_000000532069_00281_32900_8476.N1	15-JUN-2008 12:34:53	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	32900	No
199	GOM_NL__2PRFIN20080615_123821_000000392069_00281_32900_8477.N1	15-JUN-2008 12:38:21	Bright	39.000	73	57Gam1And	2.2600	13100.	78	32900	No
200	GOM_NL__2PRFIN20080615_124036_000000412069_00281_32900_8478.N1	15-JUN-2008 12:40:36	Bright	40.500	173	4Bet Tri	3.0040	8900.0	81	32900	No
201	GOM_NL__2PRFIN20080615_124411_000000472069_00281_32900_8479.N1	15-JUN-2008 12:44:11	Twilight	46.500	50	13Alp Ari	2.0070	4250.0	93	32900	No
202	GOM_NL__2PRFIN20080615_124857_000000372069_00281_32900_8480.N1	15-JUN-2008 12:48:57	Dark	37.000	94	92Alp Cet	2.5260	3100.0	74	32900	No
203	GOM_NL__2PRFIN20080615_130607_000000522069_00281_32900_8481.N1	15-JUN-2008 13:06:07	Dark	52.000	84	Alp Phe	2.3970	4500.0	104	32900	No
204	GOM_NL__2PRFIN20080615_131220_000000542069_00282_32901_8471.N1	15-JUN-2008 13:12:20	Dark	53.500	63	Bet Gru	2.1500	2800.0	107	32901	No
205	GOM_NL__2PRFIN20080615_131813_000000422069_00282_32901_8472.N1	15-JUN-2008 13:18:13	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	32901	No
206	GOM_NL__2PRFIN20080615_132315_000000382069_00282_32901_8473.N1	15-JUN-2008 13:23:15	Straylight	37.500	141	Bet Ara	2.8400	4600.0	75	32901	No
207	GOM_NL__2PRFIN20080615_132437_000000382069_00282_32901_8474.N1	15-JUN-2008 13:24:37	Straylight	37.500	147	Alp Ara	2.8770	26000.	75	32901	No
208	GOM_NL__2PRFIN20080615_132622_000000412069_00282_32901_8475.N1	15-JUN-2008 13:26:22	Twilight	41.000	40	The Sco	1.8590	7100.0	82	32901	No
209	GOM_NL__2PRFIN20080615_132805_000000442069_00282_32901_8476.N1	15-JUN-2008 13:28:05	Twilight	43.500	25	35Lam Sco	1.6200	28000.	87	32901	No
210	GOM_NL__2PRFIN20080615_132932_000000412069_00282_32901_8477.N1	15-JUN-2008 13:29:32	Twilight	41.000	75	26Eps Sco	2.2910	4250.0	82	32901	No
211	GOM_NL__2PRFIN20080615_133218_000000362069_00282_32901_8478.N1	15-JUN-2008 13:32:18	Bright	36.000	156	20Sig Sco	2.9030	28000.	72	32901	No
212	GOM_NL__2PRFIN20080615_133441_000000392069_00282_32901_8479.N1	15-JUN-2008 13:34:41	Bright	38.500	86	35Eta Oph	2.4300	10200.	77	32901	No
213	GOM_NL__2PRFIN20080615_133625_000000372069_00282_32901_8480.N1	15-JUN-2008 13:36:25	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	32901	No
214	GOM_NL__2PRFIN20080615_133831_000000362069_00282_32901_8481.N1	15-JUN-2008 13:38:31	Bright	35.500	120	1Del Oph	2.7340	3200.0	71	32901	No
215	GOM_NL__2PRFIN20080615_134544_000000382069_00282_32901_8482.N1	15-JUN-2008 13:45:44	Bright	37.500	127	27Bet Her	2.7810	4700.0	75	32901	No
216	GOM_NL__2PRFIN20080615_134716_000000352069_00282_32901_8483.N1	15-JUN-2008 13:47:16	Bright	35.000	67	5Alp CrB	2.2210	11000.	70	32901	No
217	GOM_NL__2PRFIN20080615_134846_000000362069_00282_32901_8484.N1	15-JUN-2008 13:48:46	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	32901	No
218	GOM_NL__2PRFIN20080615_135535_000000402069_00282_32901_8485.N1	15-JUN-2008 13:55:35	Bright	40.000	130	23Bet Dra	2.7990	5800.0	80	32901	No
219	GOM_NL__2PRFIN20080615_135708_000000372069_00282_32901_8486.N1	15-JUN-2008 13:57:08	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	32901	No

220	GOM_NL__2PRFIN20080615_140036_000000372069_00282_32901_8487.N1	15-JUN-2008 14:00:36	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	32901	No
221	GOM_NL__2PRFIN20080615_140513_000000332069_00282_32901_8488.N1	15-JUN-2008 14:05:13	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	32901	No
222	GOM_NL__2PRFIN20080615_141243_000000392069_00282_32901_8489.N1	15-JUN-2008 14:12:43	Bright	39.000	76	27Gam Cas	2.3000	30000.	78	32901	No
223	GOM_NL__2PRFIN20080615_141529_000000332069_00282_32901_8490.N1	15-JUN-2008 14:15:29	Bright	33.000	160	23Gam Per	2.9300	4700.0	66	32901	No
224	GOM_NL__2PRFIN20080615_141857_000000392069_00282_32901_8491.N1	15-JUN-2008 14:18:57	Bright	39.000	73	57Gam1And	2.2600	13100.	78	32901	No
225	GOM_NL__2PRFIN20080615_142112_000000402069_00282_32901_8492.N1	15-JUN-2008 14:21:12	Bright	40.000	173	4Bet Tri	3.0040	8900.0	80	32901	No
226	GOM_NL__2PRFIN20080615_142448_000000462069_00282_32901_8493.N1	15-JUN-2008 14:24:48	Twilight	46.000	50	13Alp Ari	2.0070	4250.0	92	32901	No
227	GOM_NL__2PRFIN20080615_142933_000000432069_00282_32901_8494.N1	15-JUN-2008 14:29:33	Dark	42.500	94	92Alp Cet	2.5260	3100.0	85	32901	No
228	GOM_NL__2PRFIN20080615_144643_000000522069_00282_32901_8495.N1	15-JUN-2008 14:46:43	Dark	52.000	84	Alp Phe	2.3970	4500.0	104	32901	No
229	GOM_NL__2PRFIN20080615_145257_000000532069_00283_32902_8484.N1	15-JUN-2008 14:52:57	Dark	53.000	63	Bet Gru	2.1500	2800.0	106	32902	No
230	GOM_NL__2PRFIN20080615_145850_000000422069_00283_32902_8485.N1	15-JUN-2008 14:58:50	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	32902	No
231	GOM_NL__2PRFIN20080615_150351_000000442069_00283_32902_8486.N1	15-JUN-2008 15:03:51	Straylight	44.000	141	Bet Ara	2.8400	4600.0	88	32902	No
232	GOM_NL__2PRFIN20080615_150513_000000382069_00283_32902_8487.N1	15-JUN-2008 15:05:13	Straylight	38.000	147	Alp Ara	2.8770	26000.	76	32902	No
233	GOM_NL__2PRFIN20080615_150659_000000422069_00283_32902_8488.N1	15-JUN-2008 15:06:59	Tw_i_and_stray	42.000	40	The Sco	1.8590	7100.0	84	32902	No
234	GOM_NL__2PRFIN20080615_150841_000000412069_00283_32902_8489.N1	15-JUN-2008 15:08:41	Tw_i_and_stray	41.000	25	35Lam Sco	1.6200	28000.	82	32902	No
235	GOM_NL__2PRFIN20080615_151008_000000422069_00283_32902_8490.N1	15-JUN-2008 15:10:08	Tw_i_and_stray	41.500	75	26Eps Sco	2.2910	4250.0	83	32902	No
236	GOM_NL__2PRFIN20080615_151254_000000372069_00283_32902_8491.N1	15-JUN-2008 15:12:54	Bright	36.500	156	20Sig Sco	2.9030	28000.	73	32902	No
237	GOM_NL__2PRFIN20080615_151517_000000392069_00283_32902_8492.N1	15-JUN-2008 15:15:17	Bright	39.000	86	35Eta Oph	2.4300	10200.	78	32902	No
238	GOM_NL__2PRFIN20080615_151701_000000372069_00283_32902_8493.N1	15-JUN-2008 15:17:01	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	32902	No
239	GOM_NL__2PRFIN20080615_151907_000000362069_00283_32902_8494.N1	15-JUN-2008 15:19:07	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	32902	No
240	GOM_NL__2PRFIN20080615_152620_000000362069_00283_32902_8495.N1	15-JUN-2008 15:26:20	Bright	35.500	127	27Bet Her	2.7810	4700.0	71	32902	No
241	GOM_NL__2PRFIN20080615_152752_000000342069_00283_32902_8496.N1	15-JUN-2008 15:27:52	Bright	33.500	67	5Alp CrB	2.2210	11000.	67	32902	No
242	GOM_NL__2PRFIN20080615_152922_000000382069_00283_32902_8497.N1	15-JUN-2008 15:29:22	Bright	37.500	133	40Zet Her	2.8070	6000.0	75	32902	No
243	GOM_NL__2PRFIN20080615_153610_000000402069_00283_32902_8498.N1	15-JUN-2008 15:36:10	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	32902	No
244	GOM_NL__2PRFIN20080615_153744_000000342069_00283_32902_8499.N1	15-JUN-2008 15:37:44	Bright	34.000	119	14Eta Dra	2.7270	4700.0	68	32902	No
245	GOM_NL__2PRFIN20080615_154112_000000352069_00283_32902_8500.N1	15-JUN-2008 15:41:12	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	32902	No
246	GOM_NL__2PRFIN20080615_154549_000000362069_00283_32902_8501.N1	15-JUN-2008 15:45:49	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	32902	No
247	GOM_NL__2PRFIN20080615_155319_000000382069_00283_32902_8502.N1	15-JUN-2008 15:53:19	Bright	38.000	76	27Gam Cas	2.3000	30000.	76	32902	No
248	GOM_NL__2PRFIN20080615_155605_000000332069_00283_32902_8503.N1	15-JUN-2008 15:56:05	Bright	32.500	160	23Gam Per	2.9300	4700.0	65	32902	No
249	GOM_NL__2PRFIN20080615_155933_000000402069_00283_32902_8504.N1	15-JUN-2008 15:59:33	Bright	40.000	73	57Gam1And	2.2600	13100.	80	32902	No
250	GOM_NL__2PRFIN20080615_160148_000000412069_00283_32902_8505.N1	15-JUN-2008 16:01:48	Bright	40.500	173	4Bet Tri	3.0040	8900.0	81	32902	No
251	GOM_NL__2PRFIN20080615_160524_000000502069_00283_32902_8506.N1	15-JUN-2008 16:05:24	Twilight	49.500	50	13Alp Ari	2.0070	4250.0	99	32902	No
252	GOM_NL__2PRFIN20080615_161010_000000442069_00283_32902_8507.N1	15-JUN-2008 16:10:10	Dark	43.500	94	92Alp Cet	2.5260	3100.0	87	32902	No
253	GOM_NL__2PRFIN20080615_162720_000000442069_00283_32902_8508.N1	15-JUN-2008 16:27:20	Dark	43.500	84	Alp Phe	2.3970	4500.0	87	32902	No
254	GOM_NL__2PRFIN20080615_163334_000000512069_00284_32903_8495.N1	15-JUN-2008 16:33:34	Dark	50.500	63	Bet Gru	2.1500	2800.0	101	32903	No
255	GOM_NL__2PRFIN20080615_163926_000000392069_00284_32903_8496.N1	15-JUN-2008 16:39:26	Straylight	39.000	45	Alp Pav	1.9400	26000.	78	32903	No
256	GOM_NL__2PRFIN20080615_164428_000000382069_00284_32903_8497.N1	15-JUN-2008 16:44:28	Straylight	38.000	141	Bet Ara	2.8400	4600.0	76	32903	No
257	GOM_NL__2PRFIN20080615_164550_000000382069_00284_32903_8498.N1	15-JUN-2008 16:45:50	Straylight	38.000	147	Alp Ara	2.8770	26000.	76	32903	No
258	GOM_NL__2PRFIN20080615_164735_000000452069_00284_32903_8499.N1	15-JUN-2008 16:47:35	Tw_i_and_stray	45.000	40	The Sco	1.8590	7100.0	90	32903	No
259	GOM_NL__2PRFIN20080615_164918_000000412069_00284_32903_8500.N1	15-JUN-2008 16:49:18	Tw_i_and_stray	41.000	25	35Lam Sco	1.6200	28000.	82	32903	No
260	GOM_NL__2PRFIN20080615_165045_000000432069_00284_32903_8501.N1	15-JUN-2008 16:50:45	Tw_i_and_stray	42.500	75	26Eps Sco	2.2910	4250.0	85	32903	No
261	GOM_NL__2PRFIN20080615_165331_000000372069_00284_32903_8502.N1	15-JUN-2008 16:53:31	Bright	37.000	156	20Sig Sco	2.9030	28000.	74	32903	No
262	GOM_NL__2PRFIN20080615_165553_000000392069_00284_32903_8503.N1	15-JUN-2008 16:55:53	Bright	39.000	86	35Eta Oph	2.4300	10200.	78	32903	No
263	GOM_NL__2PRFIN20080615_165737_000000362069_00284_32903_8504.N1	15-JUN-2008 16:57:37	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	32903	No
264	GOM_NL__2PRFIN20080615_165943_000000362069_00284_32903_8505.N1	15-JUN-2008 16:59:43	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	32903	No
265	GOM_NL__2PRFIN20080615_170656_000000372069_00284_32903_8506.N1	15-JUN-2008 17:06:56	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	32903	No
266	GOM_NL__2PRFIN20080615_170828_000000352069_00284_32903_8507.N1	15-JUN-2008 17:08:28	Bright	34.500	67	5Alp CrB	2.2210	11000.	69	32903	No
267	GOM_NL__2PRFIN20080615_170958_000000362069_00284_32903_8508.N1	15-JUN-2008 17:09:58	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	32903	No
268	GOM_NL__2PRFIN20080615_171646_000000392069_00284_32903_8509.N1	15-JUN-2008 17:16:46	Bright	39.000	130	23Bet Dra	2.7990	5800.0	78	32903	No
269	GOM_NL__2PRFIN20080615_171820_000000362069_00284_32903_8510.N1	15-JUN-2008 17:18:20	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	32903	No
270	GOM_NL__2PRFIN20080615_172148_000000372069_00284_32903_8511.N1	15-JUN-2008 17:21:48	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	32903	No
271	GOM_NL__2PRFIN20080615_172625_000000352069_00284_32903_8512.N1	15-JUN-2008 17:26:25	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	32903	No
272	GOM_NL__2PRFIN20080615_173355_000000392069_00284_32903_8513.N1	15-JUN-2008 17:33:55	Bright	38.500	76	27Gam Cas	2.3000	30000.	77	32903	No
273	GOM_NL__2PRFIN20080615_173641_000000342069_00284_32903_8514.N1	15-JUN-2008 17:36:41	Bright	34.000	160	23Gam Per	2.9300	4700.0	68	32903	No
274	GOM_NL__2PRFIN20080615_174009_000000412069_00284_32903_8515.N1	15-JUN-2008 17:40:09	Bright	40.500	73	57Gam1And	2.2600	13100.	81	32903	No
275	GOM_NL__2PRFIN20080615_174225_000000402069_00284_32903_8516.N1	15-JUN-2008 17:42:25	Bright	39.500	173	4Bet Tri	3.0040	8900.0	79	32903	No
276	GOM_NL__2PRFIN20080615_174600_000000482069_00284_32903_8517.N1	15-JUN-2008 17:46:00	Twilight	48.000	50	13Alp Ari	2.0070	4250.0	96	32903	No
277	GOM_NL__2PRFIN20080615_175046_000000502069_00284_32903_8518.N1	15-JUN-2008 17:50:46	Dark	49.500	94	92Alp Cet	2.5260	3100.0	99	32903	No
278	GOM_NL__2PRFIN20080615_180757_000000482069_00284_32903_8519.N1	15-JUN-2008 18:07:57	Dark	48.000	84	Alp Phe	2.3970	4500.0	96	32903	No

279	GOM_NL__2PRFIN20080615_181410_000000522069_00285_32904_8518.N1	15-JUN-2008 18:14:10	Dark	51.500	63	Bet Gru	2.1500	2800.0	103	32904	No
280	GOM_NL__2PRFIN20080615_182003_000000422069_00285_32904_8519.N1	15-JUN-2008 18:20:03	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	32904	No
281	GOM_NL__2PRFIN20080615_182504_000000392069_00285_32904_8520.N1	15-JUN-2008 18:25:04	Straylight	39.000	141	Bet Ara	2.8400	4600.0	78	32904	No
282	GOM_NL__2PRFIN20080615_182626_000000382069_00285_32904_8521.N1	15-JUN-2008 18:26:26	Straylight	37.500	147	Alp Ara	2.8770	26000.	75	32904	No
283	GOM_NL__2PRFIN20080615_182811_000000452069_00285_32904_8522.N1	15-JUN-2008 18:28:11	Tw_i_and_stray	45.000	40	The Sco	1.8590	7100.0	90	32904	No
284	GOM_NL__2PRFIN20080615_182954_000000442069_00285_32904_8523.N1	15-JUN-2008 18:29:54	Tw_i_and_stray	44.000	25	35Lam Sco	1.6200	28000.	88	32904	No
285	GOM_NL__2PRFIN20080615_183121_000000432069_00285_32904_8524.N1	15-JUN-2008 18:31:21	Tw_i_and_stray	42.500	75	26Eps Sco	2.2910	4250.0	85	32904	No
286	GOM_NL__2PRFIN20080615_183407_000000372069_00285_32904_8525.N1	15-JUN-2008 18:34:07	Bright	36.500	156	20Sig Sco	2.9030	28000.	73	32904	No
287	GOM_NL__2PRFIN20080615_183629_000000392069_00285_32904_8526.N1	15-JUN-2008 18:36:29	Bright	39.000	86	35Eta Oph	2.4300	10200.	78	32904	No
288	GOM_NL__2PRFIN20080615_183813_000000372069_00285_32904_8527.N1	15-JUN-2008 18:38:13	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	32904	No
289	GOM_NL__2PRFIN20080615_184019_000000362069_00285_32904_8528.N1	15-JUN-2008 18:40:19	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	32904	No
290	GOM_NL__2PRFIN20080615_184732_000000382069_00285_32904_8529.N1	15-JUN-2008 18:47:32	Bright	37.500	127	27Bet Her	2.7810	4700.0	75	32904	No
291	GOM_NL__2PRFIN20080615_184904_000000362069_00285_32904_8530.N1	15-JUN-2008 18:49:04	Bright	36.000	67	5Alp CrB	2.2210	11000.	72	32904	No
292	GOM_NL__2PRFIN20080615_185033_000000372069_00285_32904_8531.N1	15-JUN-2008 18:50:33	Bright	36.500	133	40Zet Her	2.8070	6000.0	73	32904	No
293	GOM_NL__2PRFIN20080615_185722_000000412069_00285_32904_8532.N1	15-JUN-2008 18:57:22	Bright	40.500	130	23Bet Dra	2.7990	5800.0	81	32904	No
294	GOM_NL__2PRFIN20080615_185856_000000352069_00285_32904_8533.N1	15-JUN-2008 18:58:56	Bright	34.500	119	14Eta Dra	2.7270	4700.0	69	32904	No
295	GOM_NL__2PRFIN20080615_190225_000000372069_00285_32904_8534.N1	15-JUN-2008 19:02:25	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	32904	No
296	GOM_NL__2PRFIN20080615_190701_000000362069_00285_32904_8535.N1	15-JUN-2008 19:07:01	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	32904	No
297	GOM_NL__2PRFIN20080615_191431_000000392069_00285_32904_8536.N1	15-JUN-2008 19:14:31	Bright	39.000	76	27Gam Cas	2.3000	30000.	78	32904	No
298	GOM_NL__2PRFIN20080615_191717_000000532069_00285_32904_8537.N1	15-JUN-2008 19:17:17	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	32904	No
299	GOM_NL__2PRFIN20080615_192045_000000412069_00285_32904_8538.N1	15-JUN-2008 19:20:45	Bright	40.500	73	57Gam1And	2.2600	13100.	81	32904	No
300	GOM_NL__2PRFIN20080615_192300_000000402069_00285_32904_8539.N1	15-JUN-2008 19:23:00	Bright	40.000	173	4Bet Tri	3.0040	8900.0	80	32904	No
301	GOM_NL__2PRFIN20080615_192636_000000492069_00285_32904_8540.N1	15-JUN-2008 19:26:36	Twilight	48.500	50	13Alp Ari	2.0070	4250.0	97	32904	No
302	GOM_NL__2PRFIN20080615_193122_000000442069_00285_32904_8541.N1	15-JUN-2008 19:31:22	Dark	44.000	94	92Alp Cet	2.5260	3100.0	88	32904	No
303	GOM_NL__2PRFIN20080615_194834_000000492069_00285_32904_8542.N1	15-JUN-2008 19:48:34	Dark	49.000	84	Alp Phe	2.3970	4500.0	98	32904	No
304	GOM_NL__2PRFIN20080615_195447_000000522069_00286_32905_8534.N1	15-JUN-2008 19:54:47	Dark	52.000	63	Bet Gru	2.1500	2800.0	104	32905	No
305	GOM_NL__2PRFIN20080615_200039_000000422069_00286_32905_8535.N1	15-JUN-2008 20:00:39	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	32905	No
306	GOM_NL__2PRFIN20080615_200540_000000452069_00286_32905_8536.N1	15-JUN-2008 20:05:40	Straylight	44.500	141	Bet Ara	2.8400	4600.0	89	32905	No
307	GOM_NL__2PRFIN20080615_200702_000000382069_00286_32905_8537.N1	15-JUN-2008 20:07:02	Straylight	37.500	147	Alp Ara	2.8770	26000.	75	32905	No
308	GOM_NL__2PRFIN20080615_200848_000000452069_00286_32905_8538.N1	15-JUN-2008 20:08:48	Tw_i_and_stray	44.500	40	The Sco	1.8590	7100.0	89	32905	No
309	GOM_NL__2PRFIN20080615_201030_000000432069_00286_32905_8539.N1	15-JUN-2008 20:10:30	Tw_i_and_stray	42.500	25	35Lam Sco	1.6200	28000.	85	32905	No
310	GOM_NL__2PRFIN20080615_201157_000000452069_00286_32905_8540.N1	15-JUN-2008 20:11:57	Tw_i_and_stray	44.500	75	26Eps Sco	2.2910	4250.0	89	32905	No
311	GOM_NL__2PRFIN20080615_201443_000000372069_00286_32905_8541.N1	15-JUN-2008 20:14:43	Bright	36.500	156	20Sig Sco	2.9030	28000.	73	32905	No
312	GOM_NL__2PRFIN20080615_201705_000000392069_00286_32905_8542.N1	15-JUN-2008 20:17:05	Bright	39.000	86	35Eta Oph	2.4300	10200.	78	32905	No
313	GOM_NL__2PRFIN20080615_201849_000000372069_00286_32905_8543.N1	15-JUN-2008 20:18:49	Bright	37.000	98	13Zet Oph	2.5710	30000.	74	32905	No
314	GOM_NL__2PRFIN20080615_202055_000000362069_00286_32905_8544.N1	15-JUN-2008 20:20:55	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	32905	No
315	GOM_NL__2PRFIN20080615_202807_000000362069_00286_32905_8545.N1	15-JUN-2008 20:28:07	Bright	35.500	127	27Bet Her	2.7810	4700.0	71	32905	No
316	GOM_NL__2PRFIN20080615_202940_000000352069_00286_32905_8546.N1	15-JUN-2008 20:29:40	Bright	35.000	67	5Alp CrB	2.2210	11000.	70	32905	No
317	GOM_NL__2PRFIN20080615_203109_000000382069_00286_32905_8547.N1	15-JUN-2008 20:31:09	Bright	38.000	133	40Zet Her	2.8070	6000.0	76	32905	No
318	GOM_NL__2PRFIN20080615_203757_000000412069_00286_32905_8548.N1	15-JUN-2008 20:37:57	Bright	41.000	130	23Bet Dra	2.7990	5800.0	82	32905	No
319	GOM_NL__2PRFIN20080615_203932_000000532069_00286_32905_8549.N1	15-JUN-2008 20:39:32	Bright	53.000	119	14Eta Dra	2.7270	4700.0	106	32905	No
320	GOM_NL__2PRFIN20080615_204301_000000382069_00286_32905_8550.N1	15-JUN-2008 20:43:01	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	32905	No
321	GOM_NL__2PRFIN20080615_204737_000000362069_00286_32905_8551.N1	15-JUN-2008 20:47:37	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	32905	No
322	GOM_NL__2PRFIN20080615_205506_000000592069_00286_32905_8552.N1	15-JUN-2008 20:55:06	Bright	59.000	76	27Gam Cas	2.3000	30000.	118	32905	No
323	GOM_NL__2PRFIN20080615_205753_000000532069_00286_32905_8553.N1	15-JUN-2008 20:57:53	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	32905	No
324	GOM_NL__2PRFIN20080615_210121_000000392069_00286_32905_8554.N1	15-JUN-2008 21:01:21	Bright	39.000	73	57Gam1And	2.2600	13100.	78	32905	No
325	GOM_NL__2PRFIN20080615_210337_000000402069_00286_32905_8555.N1	15-JUN-2008 21:03:37	Bright	39.500	173	4Bet Tri	3.0040	8900.0	79	32905	No
326	GOM_NL__2PRFIN20080615_210712_000000502069_00286_32905_8556.N1	15-JUN-2008 21:07:12	Twilight	49.500	50	13Alp Ari	2.0070	4250.0	99	32905	No
327	GOM_NL__2PRFIN20080615_211158_000000462069_00286_32905_8557.N1	15-JUN-2008 21:11:58	Dark	45.500	94	92Alp Cet	2.5260	3100.0	91	32905	No
328	GOM_NL__2PRFIN20080615_212910_000000442069_00286_32905_8558.N1	15-JUN-2008 21:29:10	Dark	44.000	84	Alp Phe	2.3970	4500.0	88	32905	No
329	GOM_NL__2PRFIN20080615_213524_000000512069_00287_32906_8550.N1	15-JUN-2008 21:35:24	Dark	51.000	63	Bet Gru	2.1500	2800.0	102	32906	No
330	GOM_NL__2PRFIN20080615_214116_000000412069_00287_32906_8551.N1	15-JUN-2008 21:41:16	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	32906	No
331	GOM_NL__2PRFIN20080615_214616_000000392069_00287_32906_8552.N1	15-JUN-2008 21:46:16	Straylight	39.000	141	Bet Ara	2.8400	4600.0	78	32906	No
332	GOM_NL__2PRFIN20080615_214738_000000382069_00287_32906_8553.N1	15-JUN-2008 21:47:38	Straylight	38.000	147	Alp Ara	2.8770	26000.	76	32906	No
333	GOM_NL__2PRFIN20080615_214924_000000432069_00287_32906_8554.N1	15-JUN-2008 21:49:24	Tw_i_and_stray	43.000	40	The Sco	1.8590	7100.0	86	32906	No
334	GOM_NL__2PRFIN20080615_215106_000000412069_00287_32906_8555.N1	15-JUN-2008 21:51:06	Tw_i_and_stray	41.000	25	35Lam Sco	1.6200	28000.	82	32906	No
335	GOM_NL__2PRFIN20080615_215233_000000402069_00287_32906_8556.N1	15-JUN-2008 21:52:33	Tw_i_and_stray	39.500	75	26Eps Sco	2.2910	4250.0	79	32906	No
336	GOM_NL__2PRFIN20080615_215519_000000372069_00287_32906_8557.N1	15-JUN-2008 21:55:19	Bright	36.500	156	20Sig Sco	2.9030	28000.	73	32906	No
337	GOM_NL__2PRFIN20080615_215741_000000392069_00287_32906_8558.N1	15-JUN-2008 21:57:41	Bright	39.000	86	35Eta Oph	2.4300	10200.	78	32906	No



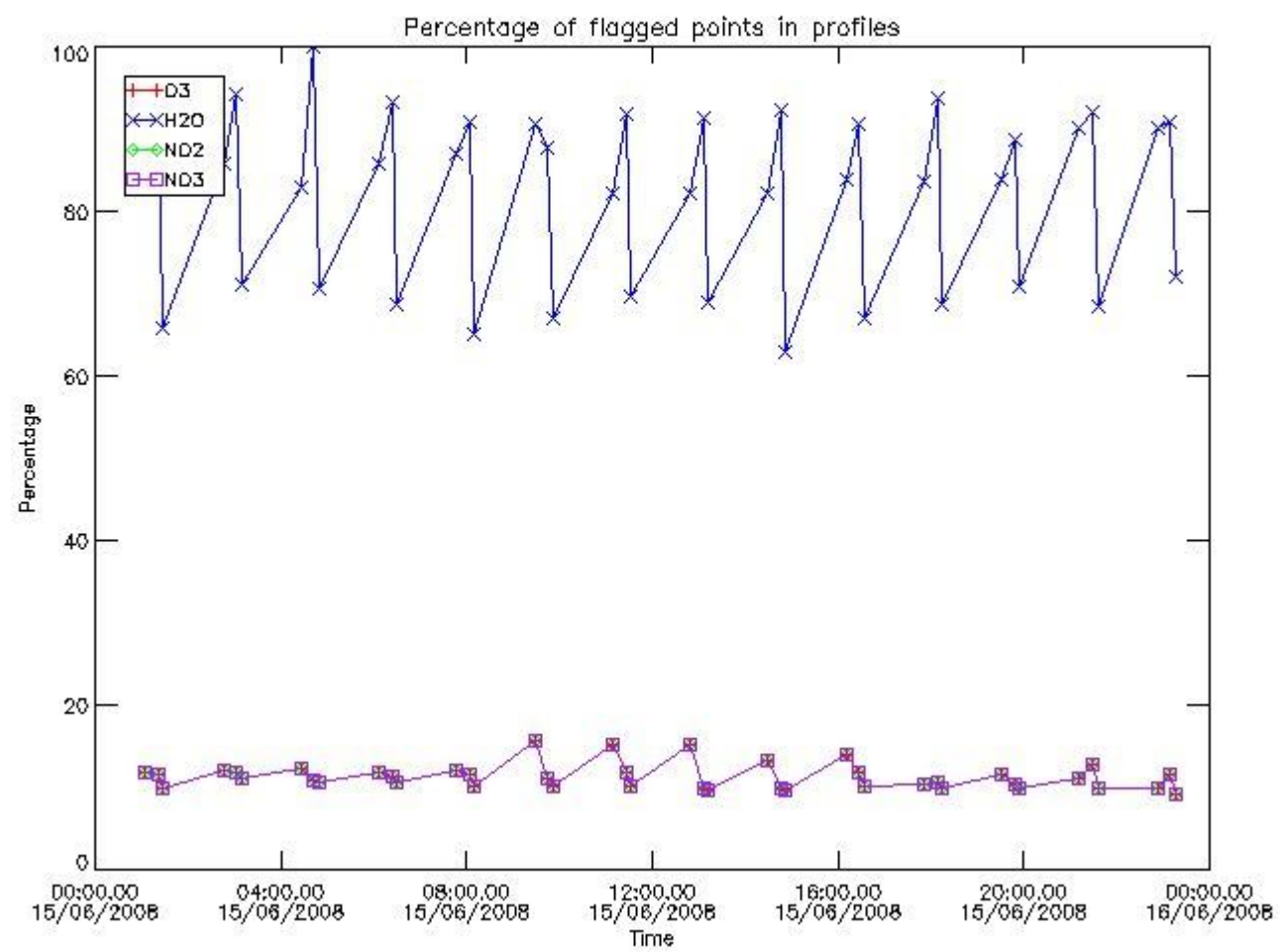
338	GOM_NL__2PRFIN20080615_215925_000000372069_00287_32906_8559.N1	15-JUN-2008 21:59:25	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	32906	No
339	GOM_NL__2PRFIN20080615_220131_000000362069_00287_32906_8560.N1	15-JUN-2008 22:01:31	Bright	35.500	120	1Del Oph	2.7340	3200.0	71	32906	No
340	GOM_NL__2PRFIN20080615_220843_000000362069_00287_32906_8561.N1	15-JUN-2008 22:08:43	Bright	36.000	127	27Bet Her	2.7810	4700.0	72	32906	No
341	GOM_NL__2PRFIN20080615_221016_000000342069_00287_32906_8562.N1	15-JUN-2008 22:10:16	Bright	34.000	67	5Alp CrB	2.2210	11000.	68	32906	No
342	GOM_NL__2PRFIN20080615_221145_000000382069_00287_32906_8563.N1	15-JUN-2008 22:11:45	Bright	38.000	133	40Zet Her	2.8070	6000.0	76	32906	No
343	GOM_NL__2PRFIN20080615_221833_000000402069_00287_32906_8564.N1	15-JUN-2008 22:18:33	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	32906	No
344	GOM_NL__2PRFIN20080615_222007_000000362069_00287_32906_8565.N1	15-JUN-2008 22:20:07	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	32906	No
345	GOM_NL__2PRFIN20080615_222336_000000372069_00287_32906_8566.N1	15-JUN-2008 22:23:36	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	32906	No
346	GOM_NL__2PRFIN20080615_222813_000000362069_00287_32906_8567.N1	15-JUN-2008 22:28:13	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	32906	No
347	GOM_NL__2PRFIN20080615_223542_000000402069_00287_32906_8568.N1	15-JUN-2008 22:35:42	Bright	40.000	76	27Gam Cas	2.3000	30000.	80	32906	No
348	GOM_NL__2PRFIN20080615_223829_000000342069_00287_32906_8569.N1	15-JUN-2008 22:38:29	Bright	33.500	160	23Gam Per	2.9300	4700.0	67	32906	No
349	GOM_NL__2PRFIN20080615_224156_000000572069_00287_32906_8570.N1	15-JUN-2008 22:41:56	Bright	57.000	73	57Gam1And	2.2600	13100.	114	32906	No
350	GOM_NL__2PRFIN20080615_224412_000000402069_00287_32906_8571.N1	15-JUN-2008 22:44:12	Bright	40.000	173	4Bet Tri	3.0040	8900.0	80	32906	No
351	GOM_NL__2PRFIN20080615_224748_000000492069_00287_32906_8572.N1	15-JUN-2008 22:47:48	Twilight	49.000	50	13Alp Ari	2.0070	4250.0	98	32906	No
352	GOM_NL__2PRFIN20080615_225234_000000512069_00287_32906_8573.N1	15-JUN-2008 22:52:34	Dark	50.500	94	92Alp Cet	2.5260	3100.0	101	32906	No
353	GOM_NL__2PRFIN20080615_230947_000000452069_00287_32906_8574.N1	15-JUN-2008 23:09:47	Dark	44.500	84	Alp Phe	2.3970	4500.0	89	32906	No
354	GOM_NL__2PRFIN20080615_231601_000000622069_00288_32907_8564.N1	15-JUN-2008 23:16:01	Dark	61.500	63	Bet Gru	2.1500	2800.0	123	32907	No
355	GOM_NL__2PRFIN20080615_232152_000000412069_00288_32907_8565.N1	15-JUN-2008 23:21:52	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	32907	No
356	GOM_NL__2PRFIN20080615_232652_000000402069_00288_32907_8566.N1	15-JUN-2008 23:26:52	Straylight	39.500	141	Bet Ara	2.8400	4600.0	79	32907	No
357	GOM_NL__2PRFIN20080615_232815_000000382069_00288_32907_8567.N1	15-JUN-2008 23:28:15	Straylight	38.000	147	Alp Ara	2.8770	26000.	76	32907	No
358	GOM_NL__2PRFIN20080615_233000_000000432069_00288_32907_8568.N1	15-JUN-2008 23:30:00	Twilight	42.500	40	The Sco	1.8590	7100.0	85	32907	No
359	GOM_NL__2PRFIN20080615_233143_000000442069_00288_32907_8569.N1	15-JUN-2008 23:31:43	Twilight	43.500	25	35Lam Sco	1.6200	28000.	87	32907	No
360	GOM_NL__2PRFIN20080615_233309_000000412069_00288_32907_8570.N1	15-JUN-2008 23:33:09	Twilight	41.000	75	26Eps Sco	2.2910	4250.0	82	32907	No
361	GOM_NL__2PRFIN20080615_233555_000000372069_00288_32907_8571.N1	15-JUN-2008 23:35:55	Bright	36.500	156	20Sig Sco	2.9030	28000.	73	32907	No
362	GOM_NL__2PRFIN20080615_233817_000000382069_00288_32907_8572.N1	15-JUN-2008 23:38:17	Bright	38.000	86	35Eta Oph	2.4300	10200.	76	32907	No
363	GOM_NL__2PRFIN20080615_234001_000000352069_00288_32907_8573.N1	15-JUN-2008 23:40:01	Bright	35.000	98	13Zet Oph	2.5710	30000.	70	32907	No
364	GOM_NL__2PRFIN20080615_234207_000000362069_00288_32907_8574.N1	15-JUN-2008 23:42:07	Bright	35.500	120	1Del Oph	2.7340	3200.0	71	32907	No
365	GOM_NL__2PRFIN20080615_234919_000000362069_00288_32907_8575.N1	15-JUN-2008 23:49:19	Bright	36.000	127	27Bet Her	2.7810	4700.0	72	32907	No
366	GOM_NL__2PRFIN20080615_235052_000000362069_00288_32907_8576.N1	15-JUN-2008 23:50:52	Bright	35.500	67	5Alp CrB	2.2210	11000.	71	32907	No
367	GOM_NL__2PRFIN20080615_235220_000000392069_00288_32907_8577.N1	15-JUN-2008 23:52:20	Bright	38.500	133	40Zet Her	2.8070	6000.0	77	32907	No
368	GOM_NL__2PRFIN20080615_235908_000000372069_00288_32907_8578.N1	15-JUN-2008 23:59:08	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	32907	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.

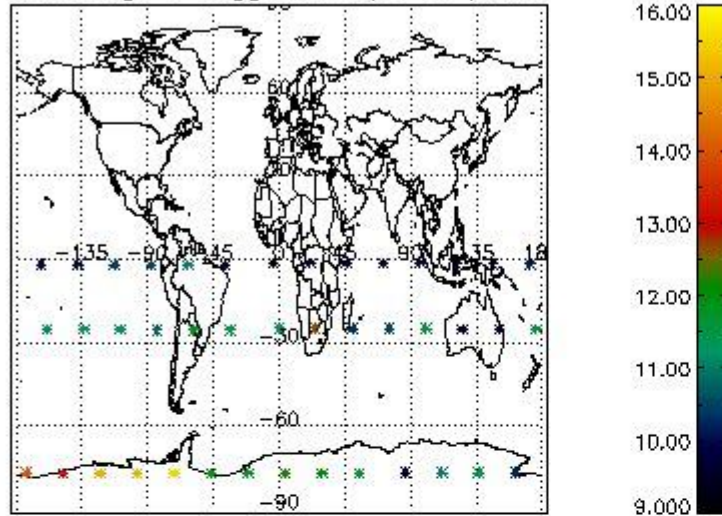
#### 3.1 Plot quality information per product (time dependant)



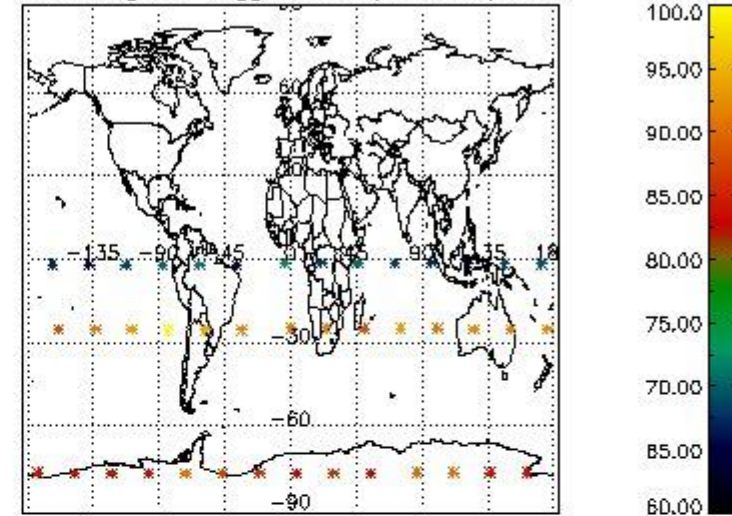


*3.2 Plot quality information per product (world map)*

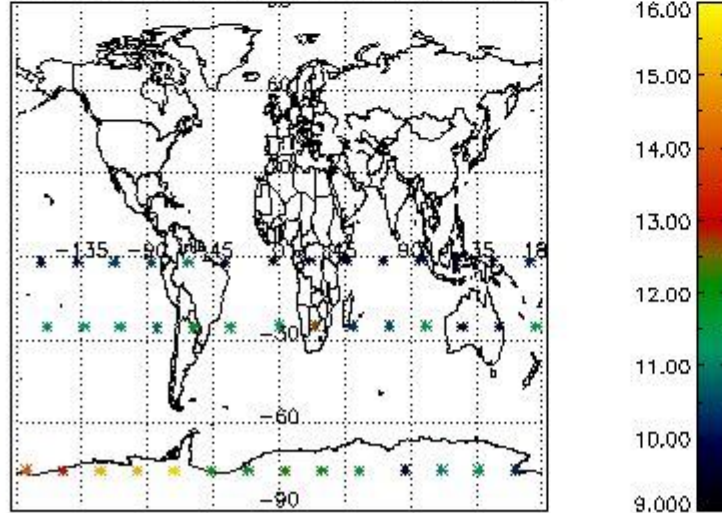
Percentage of flagged data per O3 profile



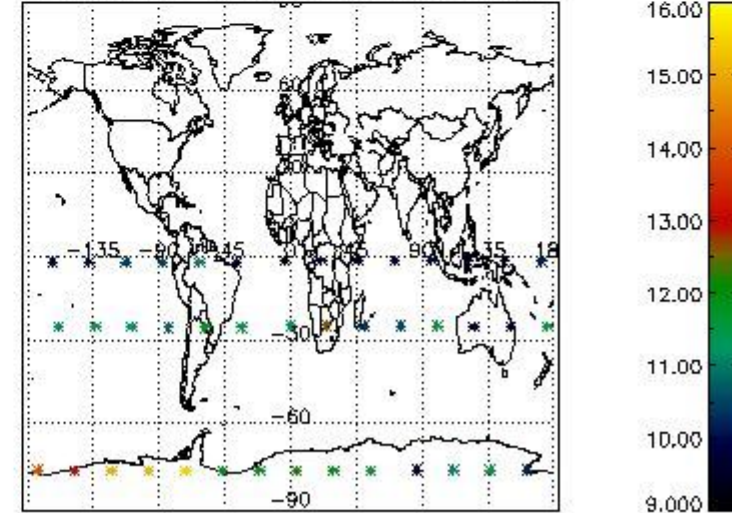
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

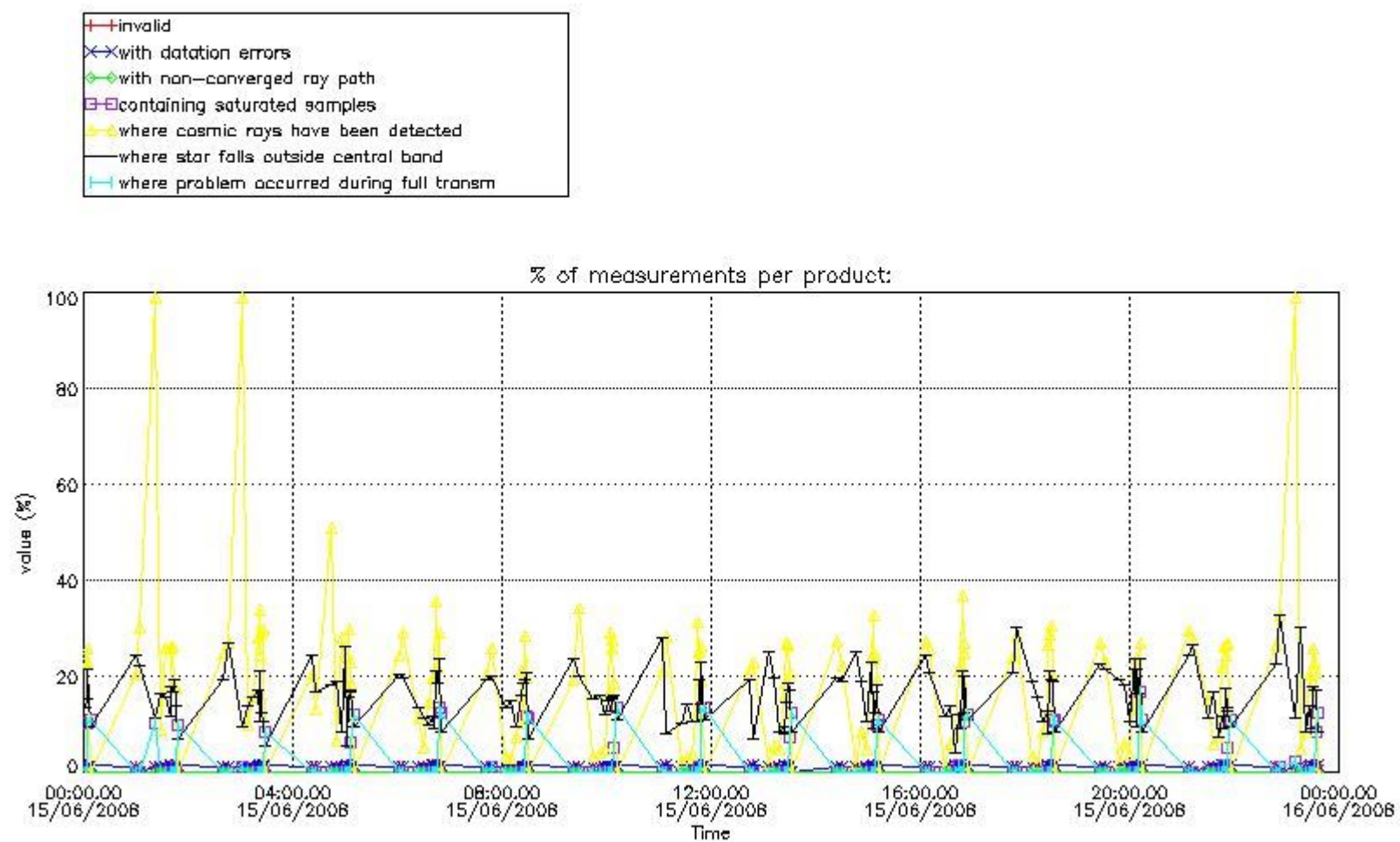


#### 4. Level 1 quality information per product

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.

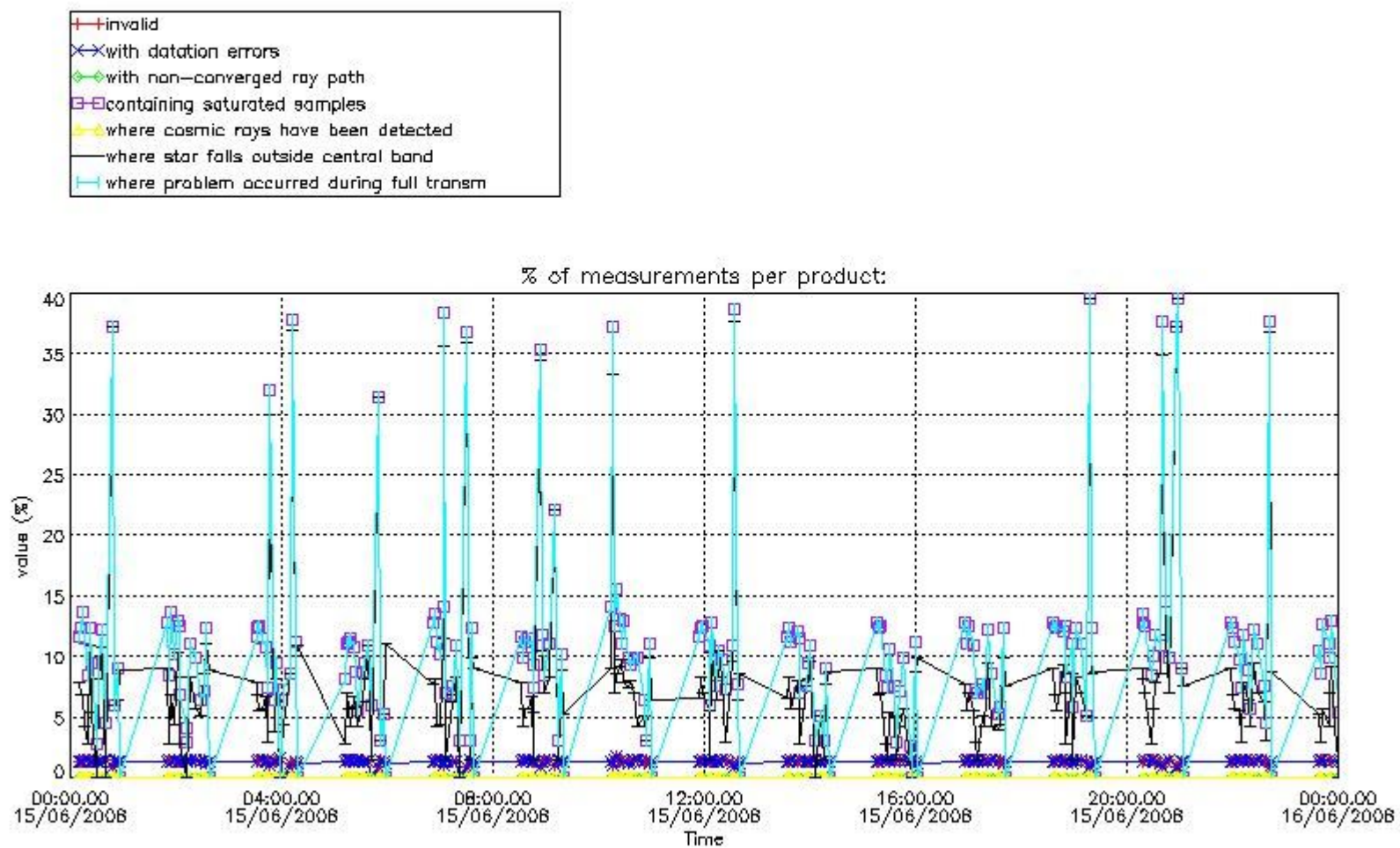
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

###### 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): ENVISAT DESCENDING passes

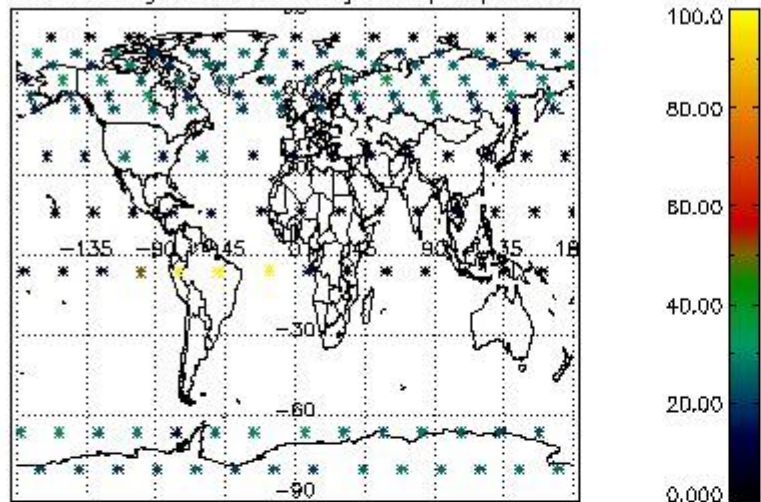




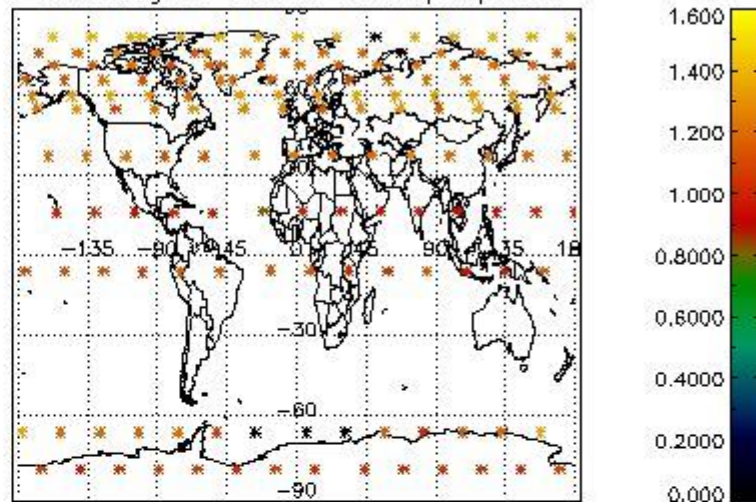
4.2 Plot quality information per product coming from level 1b processing (world map)

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

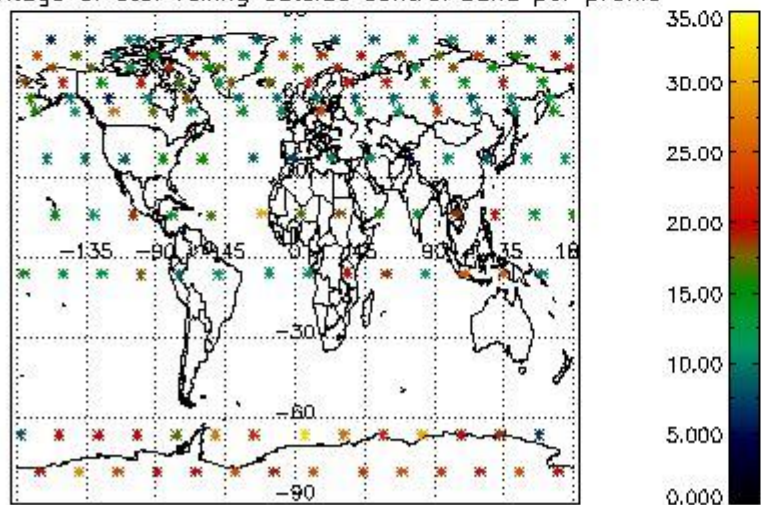
Percentage of cosmic ray hits per profile



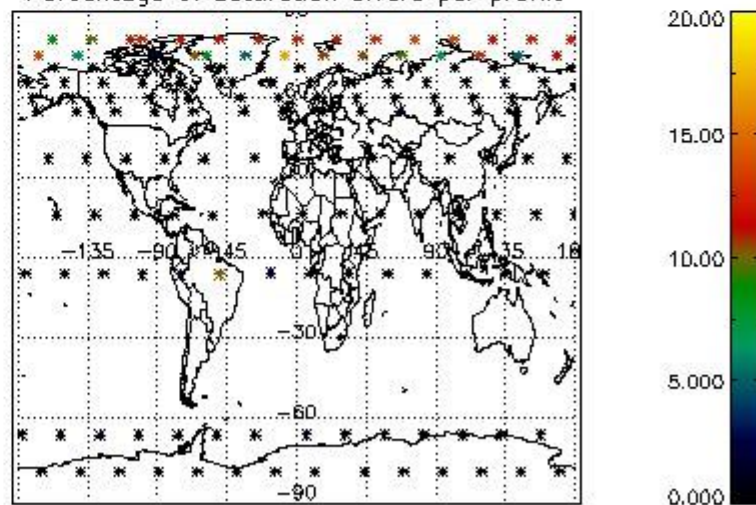
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

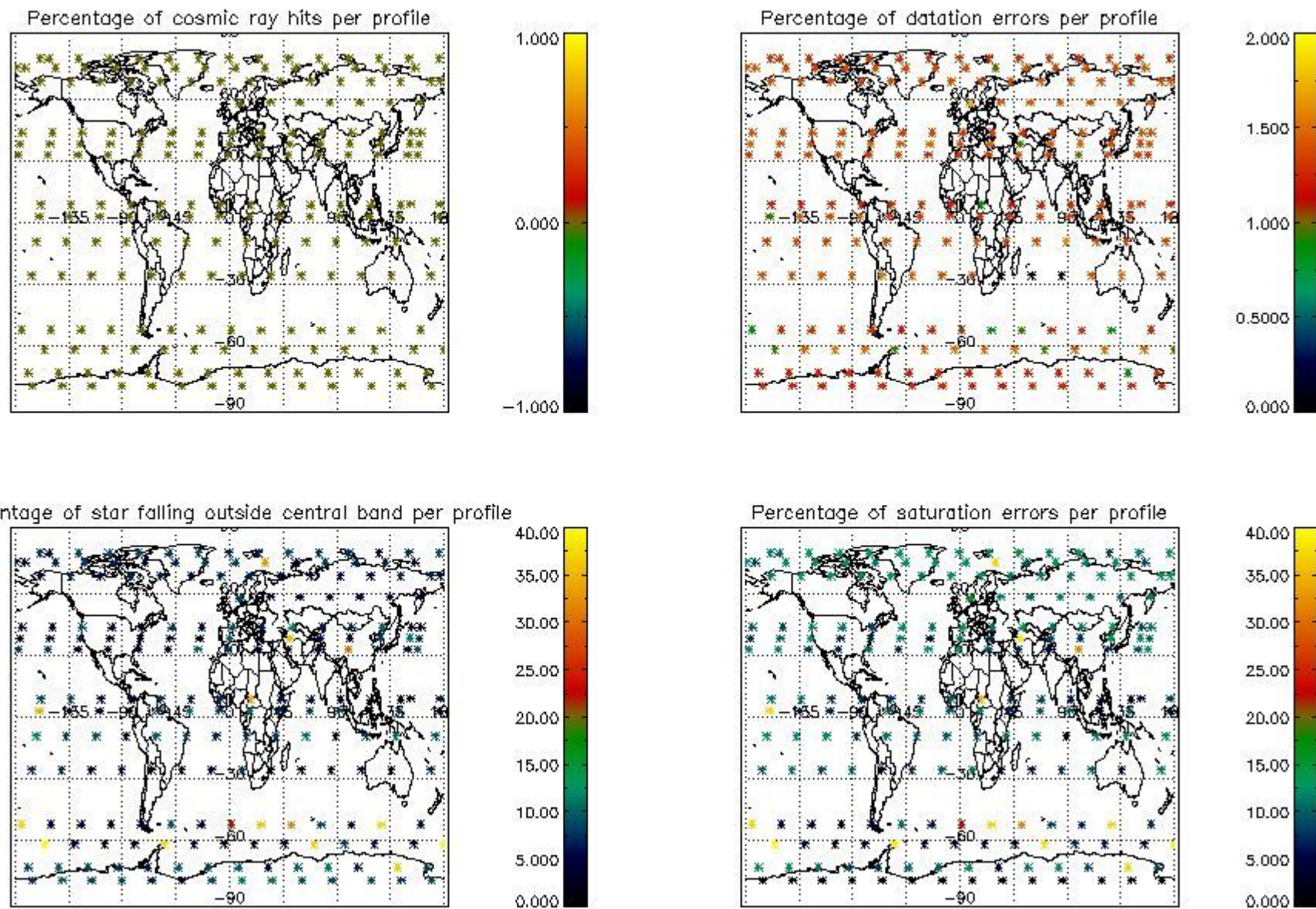


Percentage of saturation errors per profile



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.

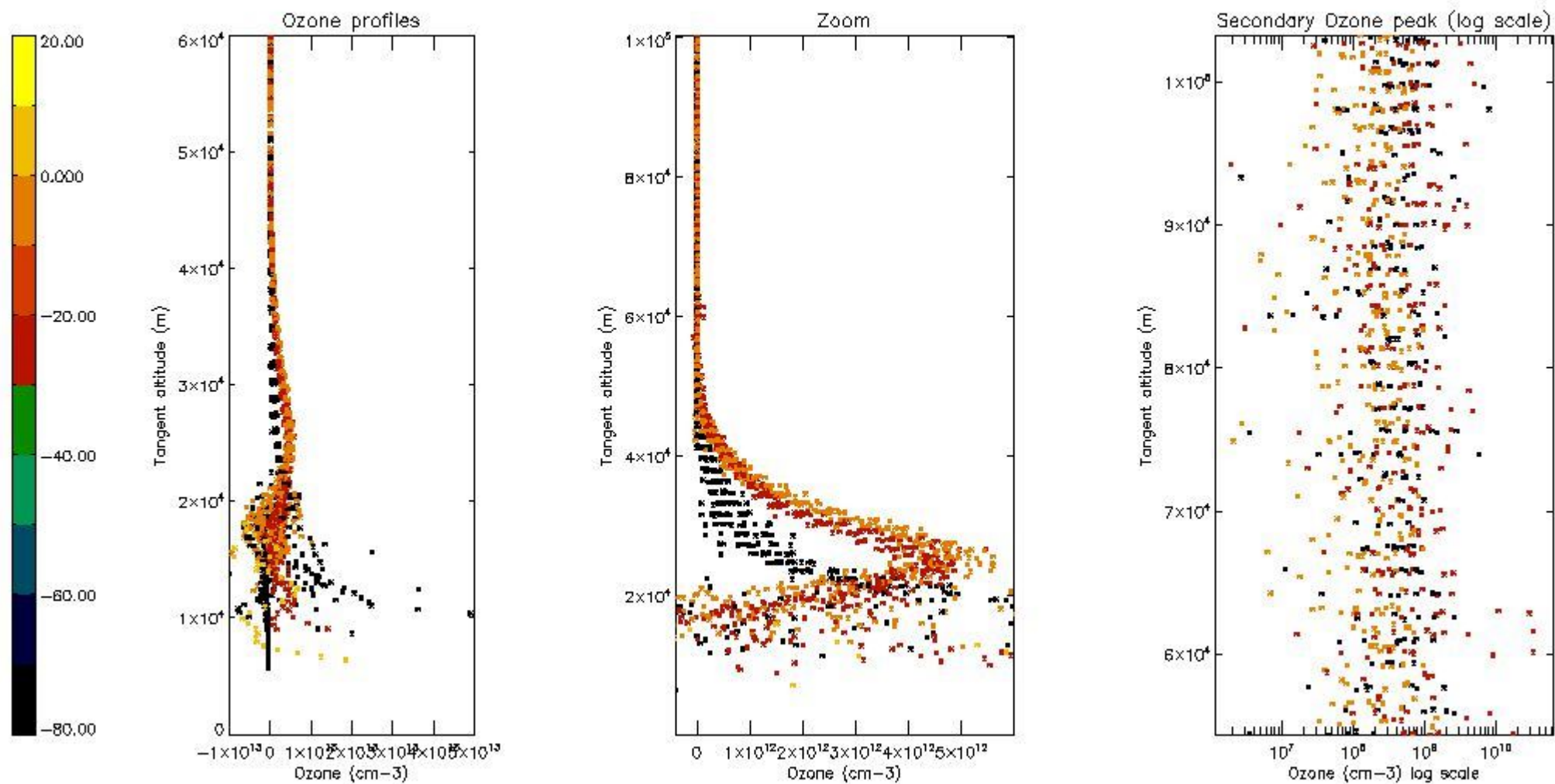
Criteria	% of total production
All STD	14
STD < 20	3



STD < 10	1
STD < 5	0

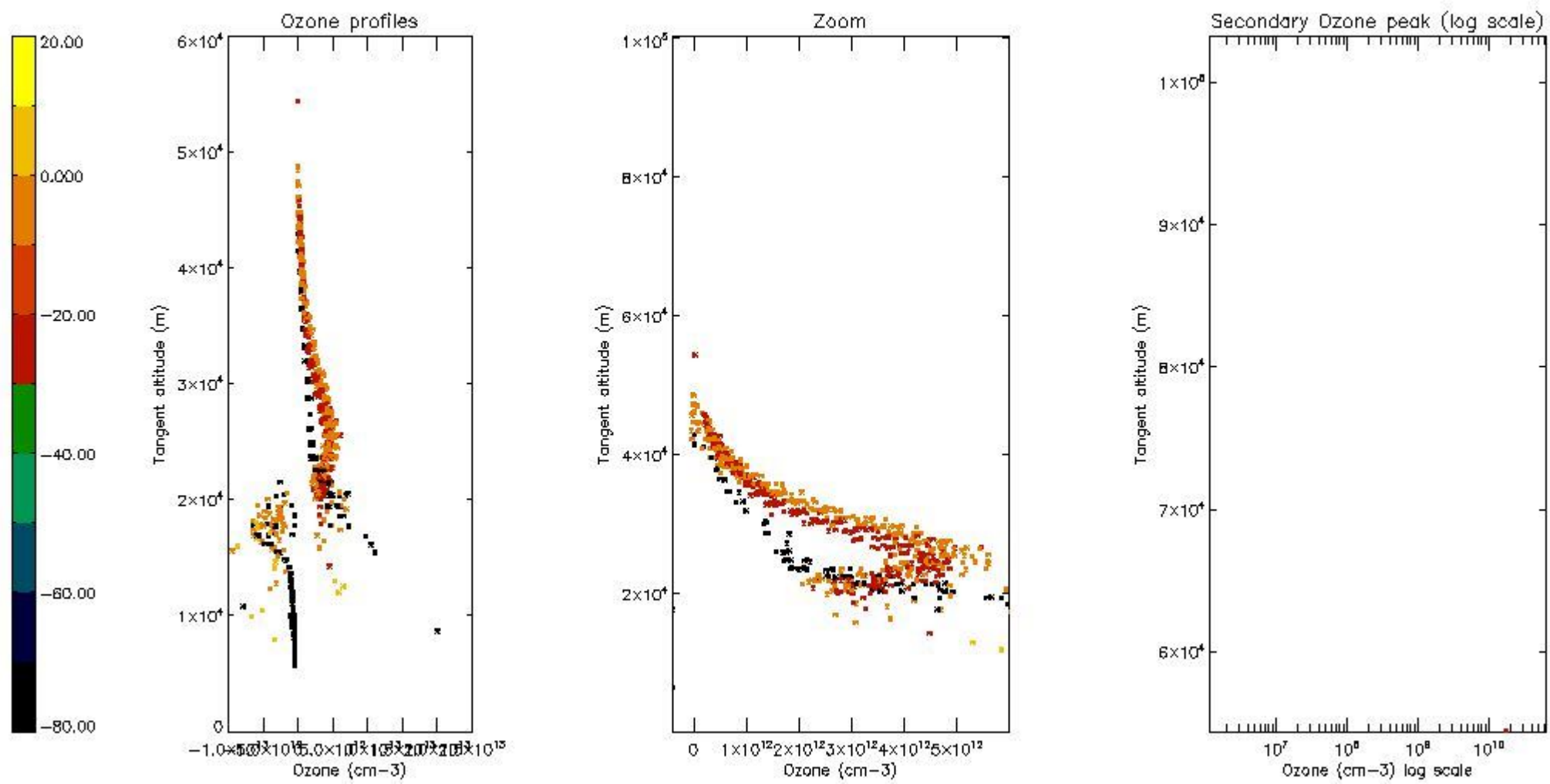
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



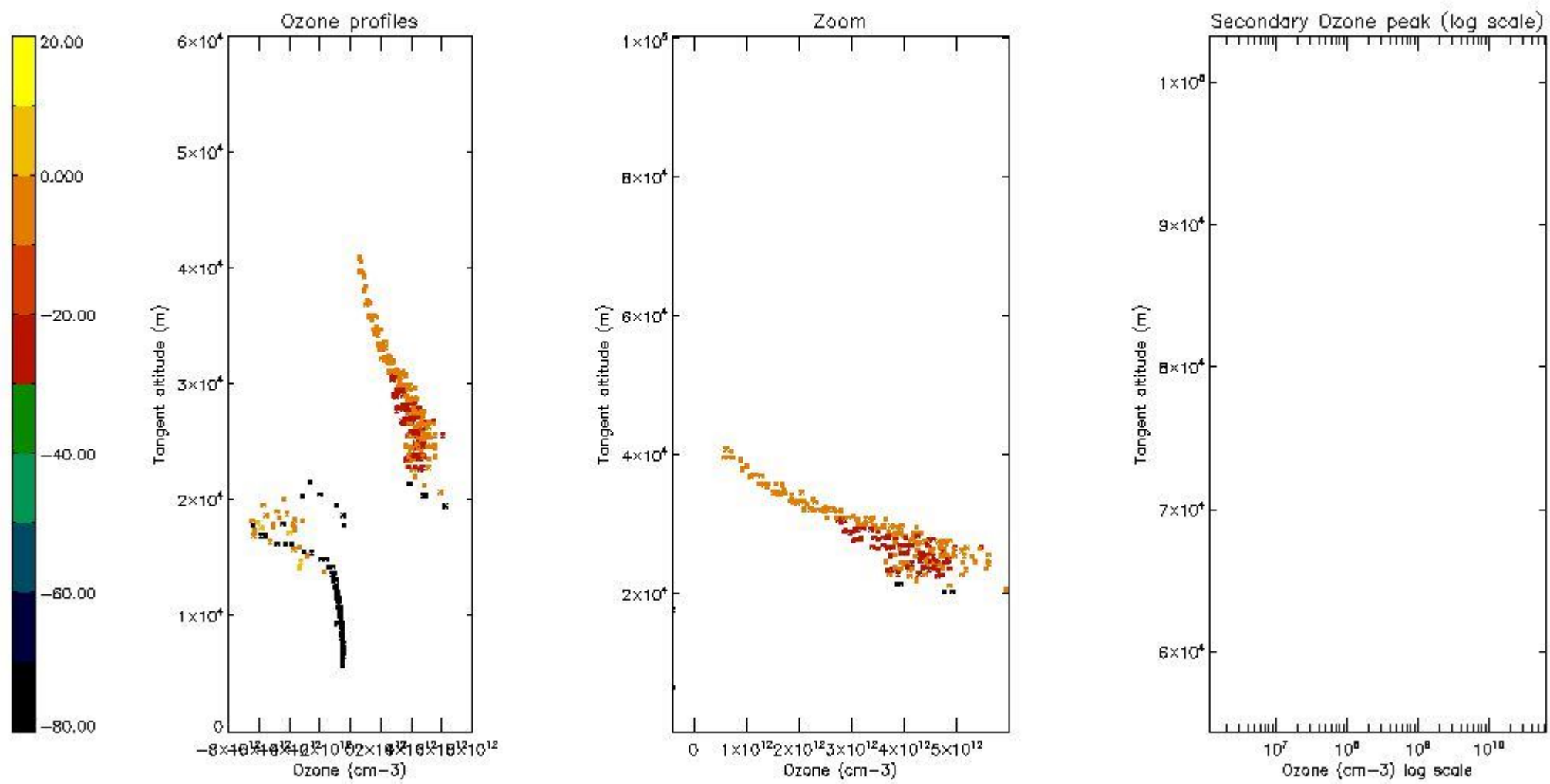
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



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

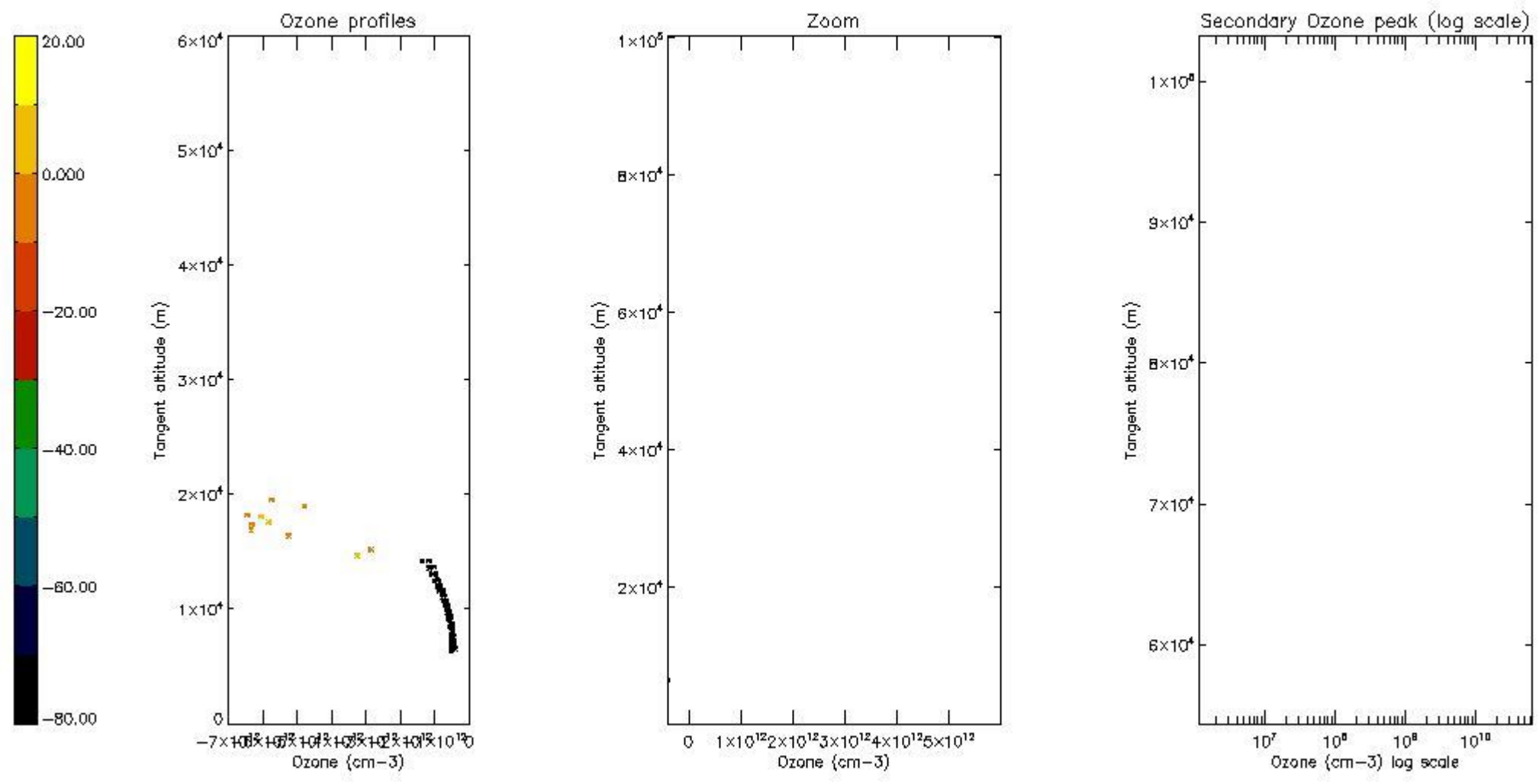
The colorbar represents the latitude.



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

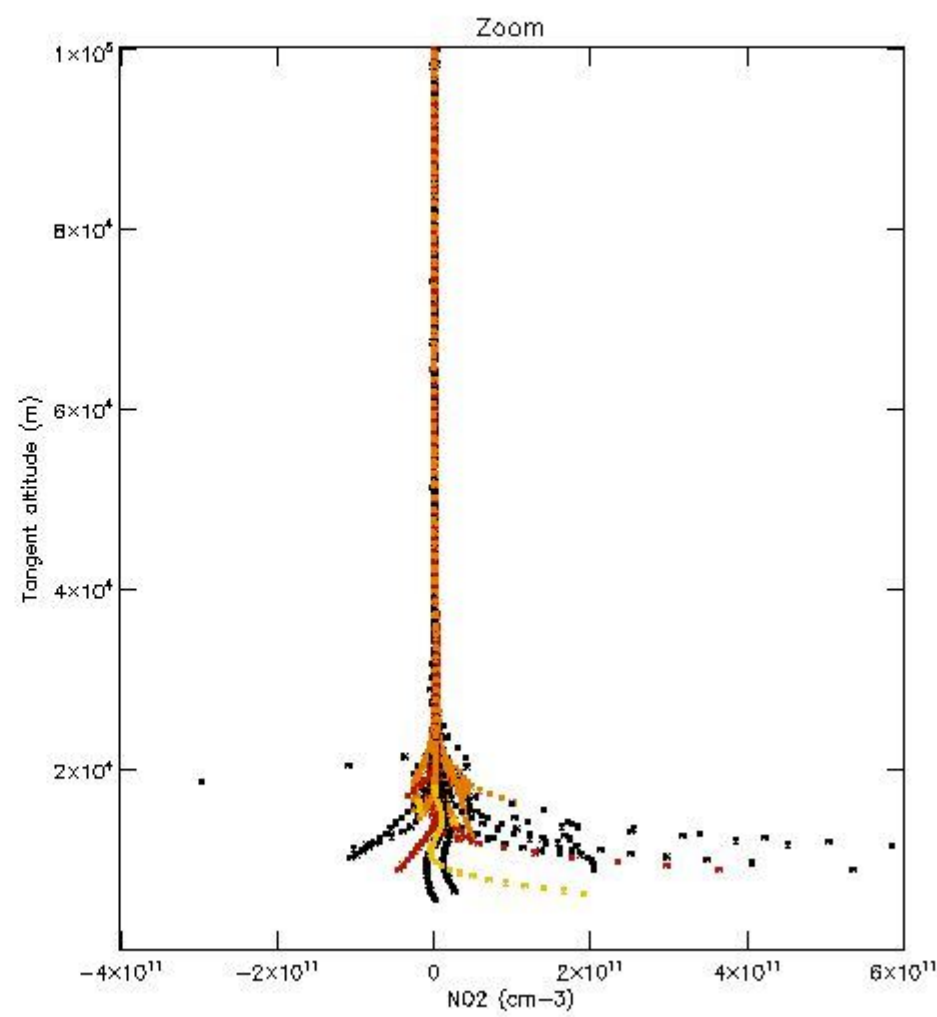
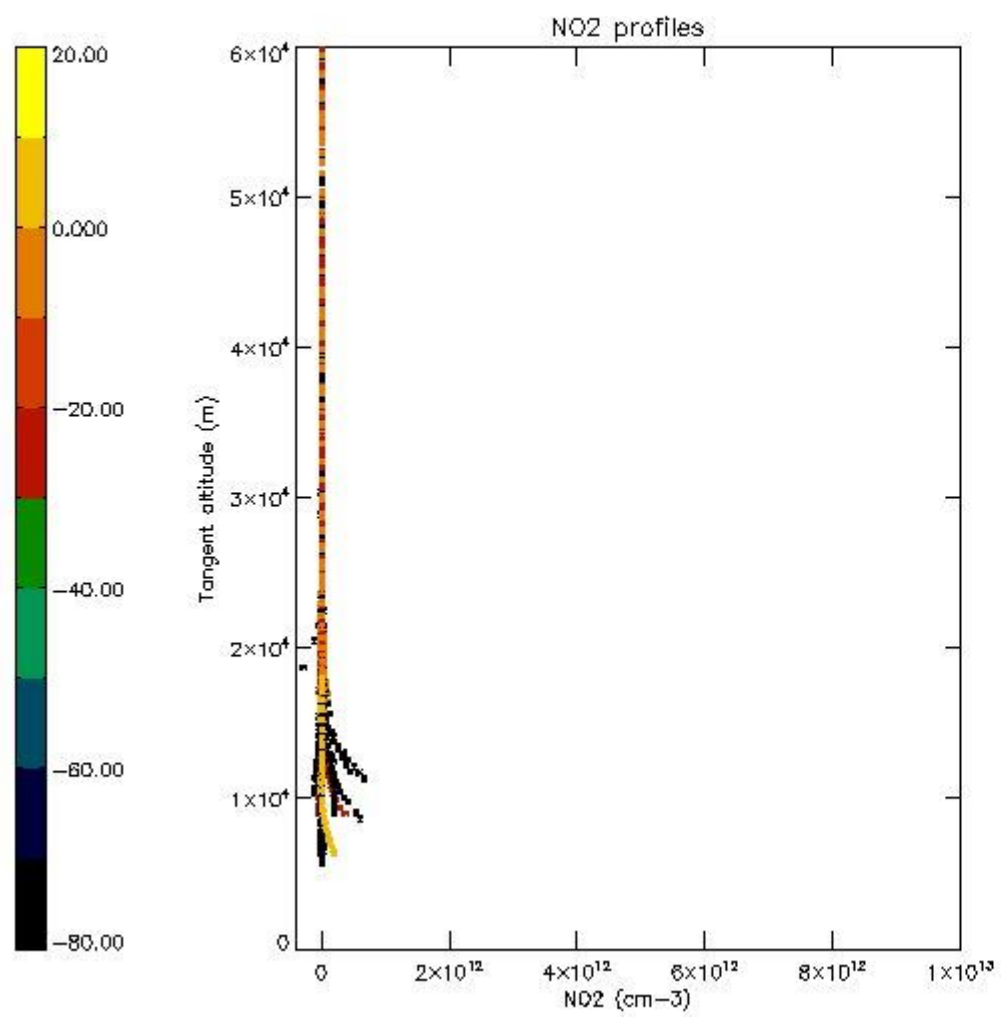
The colorbar represents the latitude.





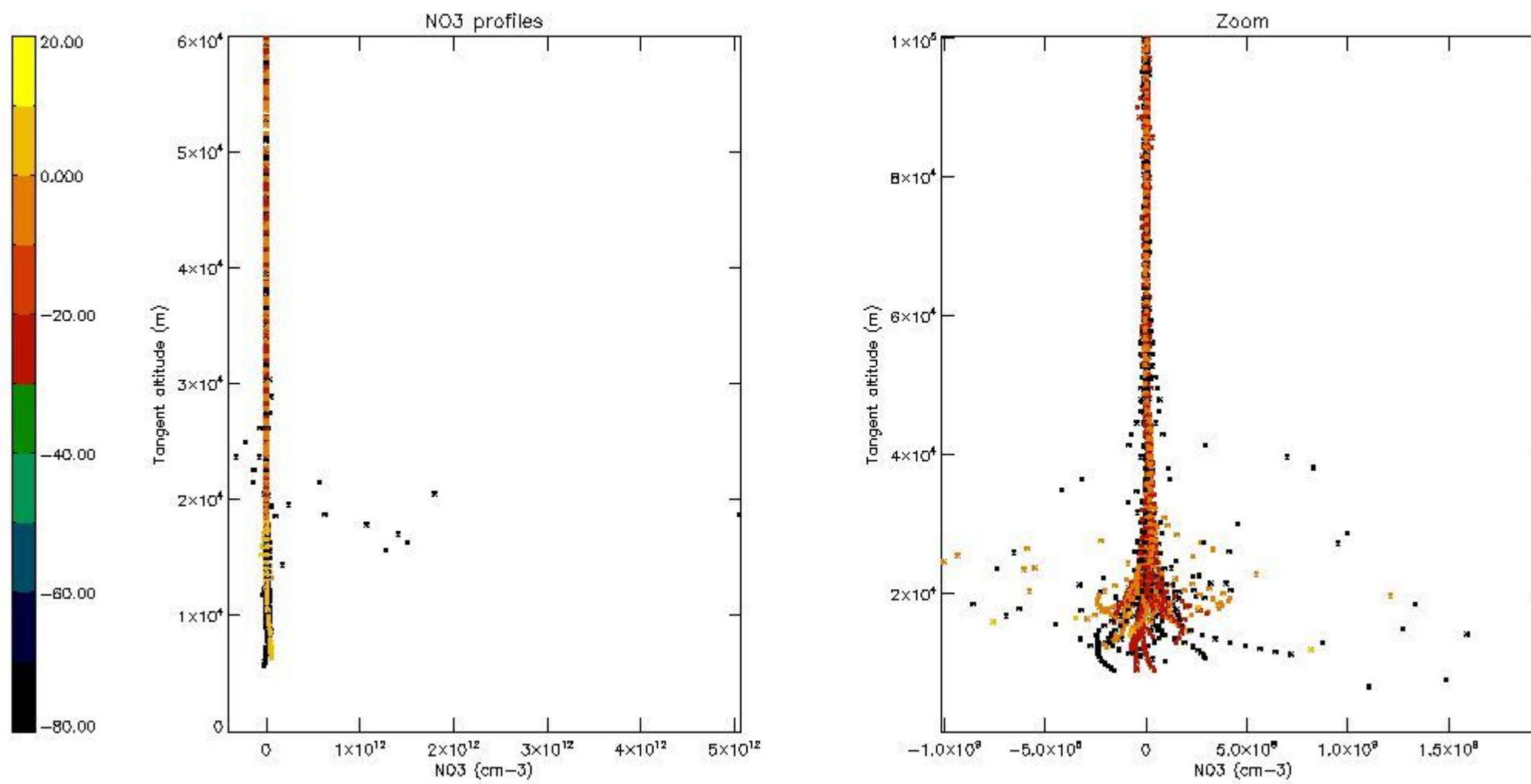
5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

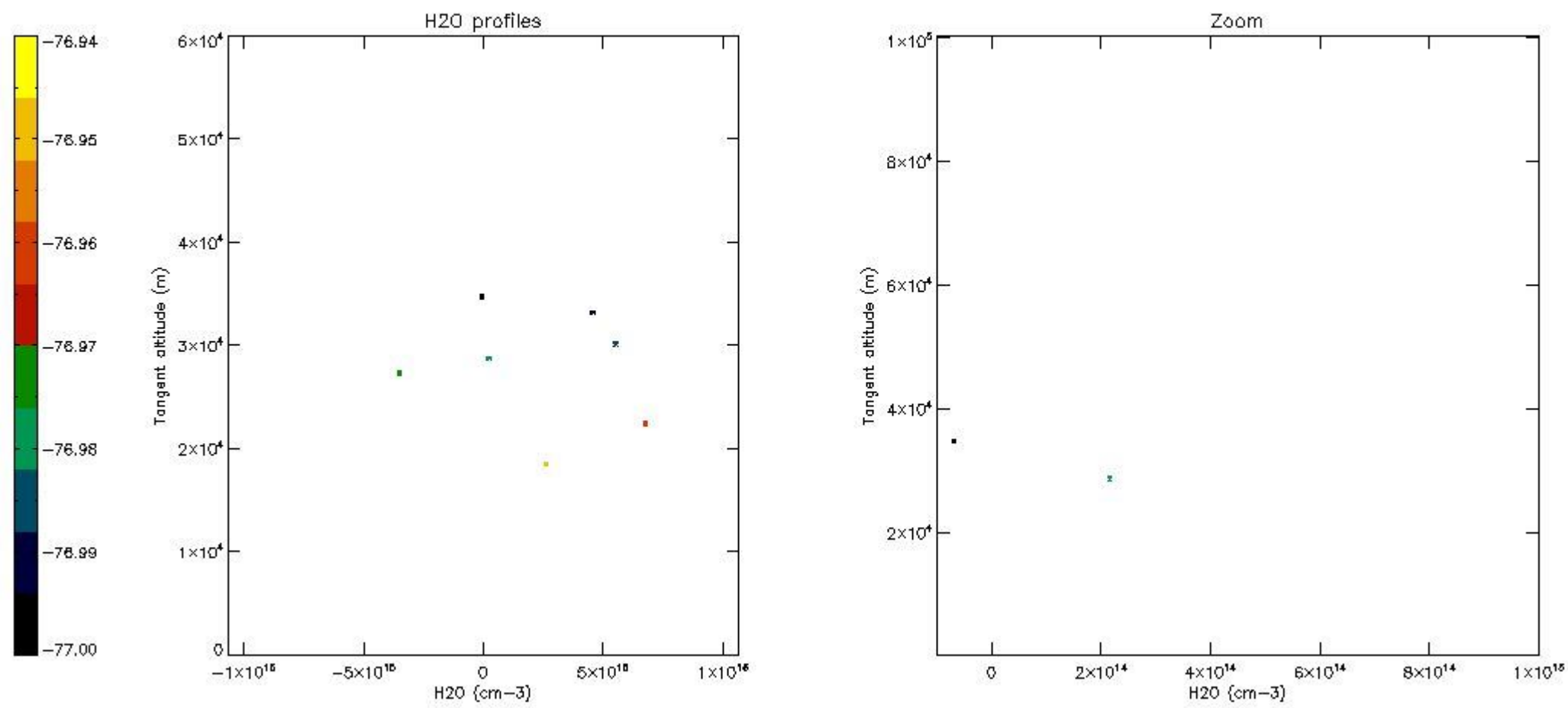
The colorbar represents the latitude.



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	15-JUN-2008 00:01:32
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	15-JUN-2008 00:01:32
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	15-JUN-2008 00:01:32

# GOMOS Level 2 Daily Report

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### [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	25APR2013 16:13:16
Data source version	GOMOS/6.01
Start time of products	15-06-2008 (15JUN2008 00:00:00)
Stop time of products	16-06-2008 (16JUN2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	368
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__2PRFIN20080615_000132_000000412069_00274_32893_8355.N1	15-JUN-2008 00:01:32	Twilight	41.000	40	The Sco	1.8590	7100.0	82	32893	No
2	GOM_NL__2PRFIN20080615_000315_000000432069_00274_32893_8356.N1	15-JUN-2008 00:03:15	Twilight	42.500	25	35Lam Sco	1.6200	28000.	85	32893	No
3	GOM_NL__2PRFIN20080615_000443_000000442069_00274_32893_8357.N1	15-JUN-2008 00:04:43	Twilight	44.000	75	26Eps Sco	2.2910	4250.0	88	32893	No
4	GOM_NL__2PRFIN20080615_000729_000000372069_00274_32893_8358.N1	15-JUN-2008 00:07:29	Bright	36.500	156	20Sig Sco	2.9030	28000.	73	32893	No
5	GOM_NL__2PRFIN20080615_000952_000000392069_00274_32893_8359.N1	15-JUN-2008 00:09:52	Bright	38.500	86	35Eta Oph	2.4300	10200.	77	32893	No
6	GOM_NL__2PRFIN20080615_001137_000000372069_00274_32893_8360.N1	15-JUN-2008 00:11:37	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	32893	No
7	GOM_NL__2PRFIN20080615_001342_000000372069_00274_32893_8361.N1	15-JUN-2008 00:13:42	Bright	36.500	120	1Del Oph	2.7340	3200.0	73	32893	No
8	GOM_NL__2PRFIN20080615_001645_000000352069_00274_32893_8362.N1	15-JUN-2008 00:16:45	Bright	35.000	102	24Alp Ser	2.6000	4250.0	70	32893	No
9	GOM_NL__2PRFIN20080615_002057_000000362069_00274_32893_8363.N1	15-JUN-2008 00:20:57	Bright	35.500	127	27Bet Her	2.7810	4700.0	71	32893	No
10	GOM_NL__2PRFIN20080615_002227_000000372069_00274_32893_8364.N1	15-JUN-2008 00:22:27	Bright	36.500	67	5Alp CrB	2.2210	11000.	73	32893	No
11	GOM_NL__2PRFIN20080615_002400_000000372069_00274_32893_8365.N1	15-JUN-2008 00:24:00	Bright	37.000	133	40Zet Her	2.8070	6000.0	74	32893	No
12	GOM_NL__2PRFIN20080615_003050_000000372069_00274_32893_8366.N1	15-JUN-2008 00:30:50	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	32893	No
13	GOM_NL__2PRFIN20080615_003222_000000372069_00274_32893_8367.N1	15-JUN-2008 00:32:22	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	32893	No
14	GOM_NL__2PRFIN20080615_003548_000000372069_00274_32893_8368.N1	15-JUN-2008 00:35:48	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	32893	No
15	GOM_NL__2PRFIN20080615_004026_000000332069_00274_32893_8369.N1	15-JUN-2008 00:40:26	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	32893	No
16	GOM_NL__2PRFIN20080615_004758_000000592069_00274_32893_8370.N1	15-JUN-2008 00:47:58	Bright	59.000	76	27Gam Cas	2.3000	30000.	118	32893	No
17	GOM_NL__2PRFIN20080615_005041_000000342069_00274_32893_8371.N1	15-JUN-2008 00:50:41	Bright	33.500	160	23Gam Per	2.9300	4700.0	67	32893	No
18	GOM_NL__2PRFIN20080615_005409_000000392069_00274_32893_8372.N1	15-JUN-2008 00:54:09	Bright	39.000	73	57Gam1And	2.2600	13100.	78	32893	No
19	GOM_NL__2PRFIN20080615_005624_000000402069_00274_32893_8373.N1	15-JUN-2008 00:56:24	Bright	39.500	173	4Bet Tri	3.0040	8900.0	79	32893	No
20	GOM_NL__2PRFIN20080615_005958_000000502069_00274_32893_8374.N1	15-JUN-2008 00:59:58	Twilight	49.500	50	13Alp Ari	2.0070	4250.0	99	32893	No
21	GOM_NL__2PRFIN20080615_010444_000000432069_00274_32893_8375.N1	15-JUN-2008 01:04:44	Dark	43.000	94	92Alp Cet	2.5260	3100.0	86	32893	No
22	GOM_NL__2PRFIN20080615_012149_000000442069_00274_32893_8376.N1	15-JUN-2008 01:21:49	Dark	44.000	84	Alp Phe	2.3970	4500.0	88	32893	No
23	GOM_NL__2PRFIN20080615_012801_000000522069_00275_32894_8363.N1	15-JUN-2008 01:28:01	Dark	51.500	63	Bet Gru	2.1500	2800.0	103	32894	No
24	GOM_NL__2PRFIN20080615_013357_000000452069_00275_32894_8364.N1	15-JUN-2008 01:33:57	Straylight	44.500	45	Alp Pav	1.9400	26000.	89	32894	No
25	GOM_NL__2PRFIN20080615_013902_000000392069_00275_32894_8365.N1	15-JUN-2008 01:39:02	Straylight	38.500	141	Bet Ara	2.8400	4600.0	77	32894	No
26	GOM_NL__2PRFIN20080615_014024_000000422069_00275_32894_8366.N1	15-JUN-2008 01:40:24	Straylight	42.000	147	Alp Ara	2.8770	26000.	84	32894	No
27	GOM_NL__2PRFIN20080615_014209_000000422069_00275_32894_8367.N1	15-JUN-2008 01:42:09	Twilight	42.000	40	The Sco	1.8590	7100.0	84	32894	No
28	GOM_NL__2PRFIN20080615_014351_000000452069_00275_32894_8368.N1	15-JUN-2008 01:43:51	Twilight	44.500	25	35Lam Sco	1.6200	28000.	89	32894	No
29	GOM_NL__2PRFIN20080615_014519_000000402069_00275_32894_8369.N1	15-JUN-2008 01:45:19	Twilight	40.000	75	26Eps Sco	2.2910	4250.0	80	32894	No
30	GOM_NL__2PRFIN20080615_014805_000000362069_00275_32894_8370.N1	15-JUN-2008 01:48:05	Bright	36.000	156	20Sig Sco	2.9030	28000.	72	32894	No
31	GOM_NL__2PRFIN20080615_015028_000000392069_00275_32894_8371.N1	15-JUN-2008 01:50:28	Bright	39.000	86	35Eta Oph	2.4300	10200.	78	32894	No
32	GOM_NL__2PRFIN20080615_015213_000000362069_00275_32894_8372.N1	15-JUN-2008 01:52:13	Bright	35.500	98	13Zet Oph	2.5710	30000.	71	32894	No
33	GOM_NL__2PRFIN20080615_015418_000000372069_00275_32894_8373.N1	15-JUN-2008 01:54:18	Bright	36.500	120	1Del Oph	2.7340	3200.0	73	32894	No
34	GOM_NL__2PRFIN20080615_015721_000000352069_00275_32894_8374.N1	15-JUN-2008 01:57:21	Bright	34.500	102	24Alp Ser	2.6000	4250.0	69	32894	No
35	GOM_NL__2PRFIN20080615_020133_000000392069_00275_32894_8375.N1	15-JUN-2008 02:01:33	Bright	38.500	127	27Bet Her	2.7810	4700.0	77	32894	No
36	GOM_NL__2PRFIN20080615_020303_000000362069_00275_32894_8376.N1	15-JUN-2008 02:03:03	Bright	36.000	67	5Alp CrB	2.2210	11000.	72	32894	No
37	GOM_NL__2PRFIN20080615_020436_000000372069_00275_32894_8377.N1	15-JUN-2008 02:04:36	Bright	36.500	133	40Zet Her	2.8070	6000.0	73	32894	No
38	GOM_NL__2PRFIN20080615_021126_000000372069_00275_32894_8378.N1	15-JUN-2008 02:11:26	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	32894	No
39	GOM_NL__2PRFIN20080615_021258_000000342069_00275_32894_8379.N1	15-JUN-2008 02:12:58	Bright	34.000	119	14Eta Dra	2.7270	4700.0	68	32894	No
40	GOM_NL__2PRFIN20080615_021624_000000362069_00275_32894_8380.N1	15-JUN-2008 02:16:24	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	32894	No
41	GOM_NL__2PRFIN20080615_022102_000000362069_00275_32894_8381.N1	15-JUN-2008 02:21:02	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	32894	No
42	GOM_NL__2PRFIN20080615_022833_000000392069_00275_32894_8382.N1	15-JUN-2008 02:28:33	Bright	39.000	76	27Gam Cas	2.3000	30000.	78	32894	No

43	GOM_NL__2PRFIN20080615_023117_000000352069_00275_32894_8383.N1	15-JUN-2008 02:31:17	Bright	35.000	160	23Gam Per	2.9300	4700.0	70	32894	No
44	GOM_NL__2PRFIN20080615_023445_000000412069_00275_32894_8384.N1	15-JUN-2008 02:34:45	Bright	40.500	73	57Gam1And	2.2600	13100.	81	32894	No
45	GOM_NL__2PRFIN20080615_023700_000000402069_00275_32894_8385.N1	15-JUN-2008 02:37:00	Bright	39.500	173	4Bet Tri	3.0040	8900.0	79	32894	No
46	GOM_NL__2PRFIN20080615_024034_000000472069_00275_32894_8386.N1	15-JUN-2008 02:40:34	Twilight	46.500	50	13Alp Ari	2.0070	4250.0	93	32894	No
47	GOM_NL__2PRFIN20080615_024520_000000472069_00275_32894_8387.N1	15-JUN-2008 02:45:20	Dark	46.500	94	92Alp Cet	2.5260	3100.0	93	32894	No
48	GOM_NL__2PRFIN20080615_030226_000000432069_00275_32894_8388.N1	15-JUN-2008 03:02:26	Dark	43.000	84	Alp Phe	2.3970	4500.0	86	32894	No
49	GOM_NL__2PRFIN20080615_030838_000000512069_00276_32895_8387.N1	15-JUN-2008 03:08:38	Dark	50.500	63	Bet Gru	2.1500	2800.0	101	32895	No
50	GOM_NL__2PRFIN20080615_031434_000000452069_00276_32895_8388.N1	15-JUN-2008 03:14:34	Straylight	45.000	45	Alp Pav	1.9400	26000.	90	32895	No
51	GOM_NL__2PRFIN20080615_031938_000000412069_00276_32895_8389.N1	15-JUN-2008 03:19:38	Straylight	41.000	141	Bet Ara	2.8400	4600.0	82	32895	No
52	GOM_NL__2PRFIN20080615_032100_000000392069_00276_32895_8390.N1	15-JUN-2008 03:21:00	Straylight	38.500	147	Alp Ara	2.8770	26000.	77	32895	No
53	GOM_NL__2PRFIN20080615_032245_000000452069_00276_32895_8391.N1	15-JUN-2008 03:22:45	Twi_and_stray	45.000	40	The Sco	1.8590	7100.0	90	32895	No
54	GOM_NL__2PRFIN20080615_032428_000000412069_00276_32895_8392.N1	15-JUN-2008 03:24:28	Twi_and_stray	41.000	25	35Lam Sco	1.6200	28000.	82	32895	No
55	GOM_NL__2PRFIN20080615_032555_000000392069_00276_32895_8393.N1	15-JUN-2008 03:25:55	Twi_and_stray	38.500	75	26Eps Sco	2.2910	4250.0	77	32895	No
56	GOM_NL__2PRFIN20080615_032842_000000362069_00276_32895_8394.N1	15-JUN-2008 03:28:42	Bright	35.500	156	20Sig Sco	2.9030	28000.	71	32895	No
57	GOM_NL__2PRFIN20080615_033104_000000392069_00276_32895_8395.N1	15-JUN-2008 03:31:04	Bright	38.500	86	35Eta Oph	2.4300	10200.	77	32895	No
58	GOM_NL__2PRFIN20080615_033249_000000372069_00276_32895_8396.N1	15-JUN-2008 03:32:49	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	32895	No
59	GOM_NL__2PRFIN20080615_033455_000000362069_00276_32895_8397.N1	15-JUN-2008 03:34:55	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	32895	No
60	GOM_NL__2PRFIN20080615_033757_000000352069_00276_32895_8398.N1	15-JUN-2008 03:37:57	Bright	35.000	102	24Alp Ser	2.6000	4250.0	70	32895	No
61	GOM_NL__2PRFIN20080615_034209_000000372069_00276_32895_8399.N1	15-JUN-2008 03:42:09	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	32895	No
62	GOM_NL__2PRFIN20080615_034339_000000342069_00276_32895_8400.N1	15-JUN-2008 03:43:39	Bright	34.000	67	5Alp CrB	2.2210	11000.	68	32895	No
63	GOM_NL__2PRFIN20080615_034512_000000502069_00276_32895_8401.N1	15-JUN-2008 03:45:12	Bright	50.000	133	40Zet Her	2.8070	6000.0	100	32895	No
64	GOM_NL__2PRFIN20080615_035202_000000392069_00276_32895_8402.N1	15-JUN-2008 03:52:02	Bright	39.000	130	23Bet Dra	2.7990	5800.0	78	32895	No
65	GOM_NL__2PRFIN20080615_035333_000000372069_00276_32895_8403.N1	15-JUN-2008 03:53:33	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	32895	No
66	GOM_NL__2PRFIN20080615_035701_000000322069_00276_32895_8404.N1	15-JUN-2008 03:57:01	Bright	31.500	60	7Bet UMi	2.0810	3950.0	63	32895	No
67	GOM_NL__2PRFIN20080615_040138_000000352069_00276_32895_8405.N1	15-JUN-2008 04:01:38	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	32895	No
68	GOM_NL__2PRFIN20080615_040909_000000412069_00276_32895_8406.N1	15-JUN-2008 04:09:09	Bright	40.500	76	27Gam Cas	2.3000	30000.	81	32895	No
69	GOM_NL__2PRFIN20080615_041153_000000522069_00276_32895_8407.N1	15-JUN-2008 04:11:53	Bright	51.500	160	23Gam Per	2.9300	4700.0	103	32895	No
70	GOM_NL__2PRFIN20080615_041521_000000402069_00276_32895_8408.N1	15-JUN-2008 04:15:21	Bright	40.000	73	57Gam1And	2.2600	13100.	80	32895	No
71	GOM_NL__2PRFIN20080615_041736_000000412069_00276_32895_8409.N1	15-JUN-2008 04:17:36	Bright	41.000	173	4Bet Tri	3.0040	8900.0	82	32895	No
72	GOM_NL__2PRFIN20080615_042111_000000502069_00276_32895_8410.N1	15-JUN-2008 04:21:11	Twilight	49.500	50	13Alp Ari	2.0070	4250.0	99	32895	No
73	GOM_NL__2PRFIN20080615_042556_000000422069_00276_32895_8411.N1	15-JUN-2008 04:25:56	Dark	41.500	94	92Alp Cet	2.5260	3100.0	83	32895	No
74	GOM_NL__2PRFIN20080615_044303_000000472069_00276_32895_8412.N1	15-JUN-2008 04:43:03	Dark	47.000	84	Alp Phe	2.3970	4500.0	94	32895	No
75	GOM_NL__2PRFIN20080615_044915_000000532069_00277_32896_8401.N1	15-JUN-2008 04:49:15	Dark	53.000	63	Bet Gru	2.1500	2800.0	106	32896	No
76	GOM_NL__2PRFIN20080615_045510_000000412069_00277_32896_8402.N1	15-JUN-2008 04:55:10	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	32896	No
77	GOM_NL__2PRFIN20080615_050014_000000462069_00277_32896_8403.N1	15-JUN-2008 05:00:14	Straylight	46.000	141	Bet Ara	2.8400	4600.0	92	32896	No
78	GOM_NL__2PRFIN20080615_050136_000000372069_00277_32896_8404.N1	15-JUN-2008 05:01:36	Straylight	37.000	147	Alp Ara	2.8770	26000.	74	32896	No
79	GOM_NL__2PRFIN20080615_050321_000000422069_00277_32896_8405.N1	15-JUN-2008 05:03:21	Twi_and_stray	42.000	40	The Sco	1.8590	7100.0	84	32896	No
80	GOM_NL__2PRFIN20080615_050504_000000442069_00277_32896_8406.N1	15-JUN-2008 05:05:04	Twi_and_stray	43.500	25	35Lam Sco	1.6200	28000.	87	32896	No
81	GOM_NL__2PRFIN20080615_050631_000000422069_00277_32896_8407.N1	15-JUN-2008 05:06:31	Twi_and_stray	41.500	75	26Eps Sco	2.2910	4250.0	83	32896	No
82	GOM_NL__2PRFIN20080615_050918_000000372069_00277_32896_8408.N1	15-JUN-2008 05:09:18	Bright	37.000	156	20Sig Sco	2.9030	28000.	74	32896	No
83	GOM_NL__2PRFIN20080615_051140_000000372069_00277_32896_8409.N1	15-JUN-2008 05:11:40	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	32896	No
84	GOM_NL__2PRFIN20080615_051325_000000362069_00277_32896_8410.N1	15-JUN-2008 05:13:25	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	32896	No
85	GOM_NL__2PRFIN20080615_051531_000000362069_00277_32896_8411.N1	15-JUN-2008 05:15:31	Bright	35.500	120	1Del Oph	2.7340	3200.0	71	32896	No
86	GOM_NL__2PRFIN20080615_051833_000000352069_00277_32896_8412.N1	15-JUN-2008 05:18:33	Bright	35.000	102	24Alp Ser	2.6000	4250.0	70	32896	No
87	GOM_NL__2PRFIN20080615_052245_000000372069_00277_32896_8413.N1	15-JUN-2008 05:22:45	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	32896	No
88	GOM_NL__2PRFIN20080615_052415_000000352069_00277_32896_8414.N1	15-JUN-2008 05:24:15	Bright	34.500	67	5Alp CrB	2.2210	11000.	69	32896	No
89	GOM_NL__2PRFIN20080615_052547_000000362069_00277_32896_8415.N1	15-JUN-2008 05:25:47	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	32896	No
90	GOM_NL__2PRFIN20080615_053237_000000402069_00277_32896_8416.N1	15-JUN-2008 05:32:37	Bright	40.000	130	23Bet Dra	2.7990	5800.0	80	32896	No
91	GOM_NL__2PRFIN20080615_053409_000000372069_00277_32896_8417.N1	15-JUN-2008 05:34:09	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	32896	No
92	GOM_NL__2PRFIN20080615_053737_000000372069_00277_32896_8418.N1	15-JUN-2008 05:37:37	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	32896	No
93	GOM_NL__2PRFIN20080615_054214_000000342069_00277_32896_8419.N1	15-JUN-2008 05:42:14	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	32896	No
94	GOM_NL__2PRFIN20080615_054945_000000542069_00277_32896_8420.N1	15-JUN-2008 05:49:45	Bright	54.000	76	27Gam Cas	2.3000	30000.	108	32896	No
95	GOM_NL__2PRFIN20080615_055229_000000332069_00277_32896_8421.N1	15-JUN-2008 05:52:29	Bright	33.000	160	23Gam Per	2.9300	4700.0	66	32896	No
96	GOM_NL__2PRFIN20080615_055557_000000382069_00277_32896_8422.N1	15-JUN-2008 05:55:57	Bright	38.000	73	57Gam1And	2.2600	13100.	76	32896	No
97	GOM_NL__2PRFIN20080615_055812_000000412069_00277_32896_8423.N1	15-JUN-2008 05:58:12	Bright	40.500	173	4Bet Tri	3.0040	8900.0	81	32896	No
98	GOM_NL__2PRFIN20080615_060147_000000472069_00277_32896_8424.N1	15-JUN-2008 06:01:47	Twilight	47.000	50	13Alp Ari	2.0070	4250.0	94	32896	No
99	GOM_NL__2PRFIN20080615_060632_000000432069_00277_32896_8425.N1	15-JUN-2008 06:06:32	Dark	43.000	94	92Alp Cet	2.5260	3100.0	86	32896	No
100	GOM_NL__2PRFIN20080615_062340_000000452069_00277_32896_8426.N1	15-JUN-2008 06:23:40	Dark	45.000	84	Alp Phe	2.3970	4500.0	90	32896	No
101	GOM_NL__2PRFIN20080615_062952_000000492069_00278_32897_8410.N1	15-JUN-2008 06:29:52	Dark	48.500	63	Bet Gru	2.1500	2800.0	97	32897	No



102	GOM_NL__2PRFIN20080615_063547_000000422069_00278_32897_8411.N1	15-JUN-2008 06:35:47	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	32897	No
103	GOM_NL__2PRFIN20080615_064050_000000392069_00278_32897_8412.N1	15-JUN-2008 06:40:50	Straylight	38.500	141	Bet Ara	2.8400	4600.0	77	32897	No
104	GOM_NL__2PRFIN20080615_064212_000000382069_00278_32897_8413.N1	15-JUN-2008 06:42:12	Straylight	38.000	147	Alp Ara	2.8770	26000.	76	32897	No
105	GOM_NL__2PRFIN20080615_064358_000000452069_00278_32897_8414.N1	15-JUN-2008 06:43:58	Tw_i_and_stray	45.000	40	The Sco	1.8590	7100.0	90	32897	No
106	GOM_NL__2PRFIN20080615_064540_000000442069_00278_32897_8415.N1	15-JUN-2008 06:45:40	Tw_i_and_stray	43.500	25	35Lam Sco	1.6200	28000.	87	32897	No
107	GOM_NL__2PRFIN20080615_064708_000000452069_00278_32897_8416.N1	15-JUN-2008 06:47:08	Tw_i_and_stray	44.500	75	26Eps Sco	2.2910	4250.0	89	32897	No
108	GOM_NL__2PRFIN20080615_064954_000000372069_00278_32897_8417.N1	15-JUN-2008 06:49:54	Bright	36.500	156	20Sig Sco	2.9030	28000.	73	32897	No
109	GOM_NL__2PRFIN20080615_065216_000000392069_00278_32897_8418.N1	15-JUN-2008 06:52:16	Bright	39.000	86	35Eta Oph	2.4300	10200.	78	32897	No
110	GOM_NL__2PRFIN20080615_065401_000000372069_00278_32897_8419.N1	15-JUN-2008 06:54:01	Bright	37.000	98	13Zet Oph	2.5710	30000.	74	32897	No
111	GOM_NL__2PRFIN20080615_065607_000000362069_00278_32897_8420.N1	15-JUN-2008 06:56:07	Bright	35.500	120	1Del Oph	2.7340	3200.0	71	32897	No
112	GOM_NL__2PRFIN20080615_065909_000000352069_00278_32897_8421.N1	15-JUN-2008 06:59:09	Bright	34.500	102	24Alp Ser	2.6000	4250.0	69	32897	No
113	GOM_NL__2PRFIN20080615_070321_000000392069_00278_32897_8422.N1	15-JUN-2008 07:03:21	Bright	39.000	127	27Bet Her	2.7810	4700.0	78	32897	No
114	GOM_NL__2PRFIN20080615_070451_000000522069_00278_32897_8423.N1	15-JUN-2008 07:04:51	Bright	52.000	67	5Alp CrB	2.2210	11000.	104	32897	No
115	GOM_NL__2PRFIN20080615_070623_000000362069_00278_32897_8424.N1	15-JUN-2008 07:06:23	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	32897	No
116	GOM_NL__2PRFIN20080615_071313_000000402069_00278_32897_8425.N1	15-JUN-2008 07:13:13	Bright	40.000	130	23Bet Dra	2.7990	5800.0	80	32897	No
117	GOM_NL__2PRFIN20080615_071445_000000372069_00278_32897_8426.N1	15-JUN-2008 07:14:45	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	32897	No
118	GOM_NL__2PRFIN20080615_071813_000000372069_00278_32897_8427.N1	15-JUN-2008 07:18:13	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	32897	No
119	GOM_NL__2PRFIN20080615_072250_000000332069_00278_32897_8428.N1	15-JUN-2008 07:22:50	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	32897	No
120	GOM_NL__2PRFIN20080615_073021_000000592069_00278_32897_8429.N1	15-JUN-2008 07:30:21	Bright	58.500	76	27Gam Cas	2.3000	30000.	117	32897	No
121	GOM_NL__2PRFIN20080615_073305_000000342069_00278_32897_8430.N1	15-JUN-2008 07:33:05	Bright	33.500	160	23Gam Per	2.9300	4700.0	67	32897	No
122	GOM_NL__2PRFIN20080615_073633_000000412069_00278_32897_8431.N1	15-JUN-2008 07:36:33	Bright	40.500	73	57Gam1And	2.2600	13100.	81	32897	No
123	GOM_NL__2PRFIN20080615_073848_000000392069_00278_32897_8432.N1	15-JUN-2008 07:38:48	Bright	39.000	173	4Bet Tri	3.0040	8900.0	78	32897	No
124	GOM_NL__2PRFIN20080615_074223_000000472069_00278_32897_8433.N1	15-JUN-2008 07:42:23	Twilight	46.500	50	13Alp Ari	2.0070	4250.0	93	32897	No
125	GOM_NL__2PRFIN20080615_074709_000000432069_00278_32897_8434.N1	15-JUN-2008 07:47:09	Dark	42.500	94	92Alp Cet	2.5260	3100.0	85	32897	No
126	GOM_NL__2PRFIN20080615_080416_000000452069_00278_32897_8435.N1	15-JUN-2008 08:04:16	Dark	44.500	84	Alp Phe	2.3970	4500.0	89	32897	No
127	GOM_NL__2PRFIN20080615_081029_000000512069_00279_32898_8425.N1	15-JUN-2008 08:10:29	Dark	50.500	63	Bet Gru	2.1500	2800.0	101	32898	No
128	GOM_NL__2PRFIN20080615_081624_000000422069_00279_32898_8426.N1	15-JUN-2008 08:16:24	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	32898	No
129	GOM_NL__2PRFIN20080615_082127_000000412069_00279_32898_8427.N1	15-JUN-2008 08:21:27	Straylight	40.500	141	Bet Ara	2.8400	4600.0	81	32898	No
130	GOM_NL__2PRFIN20080615_082249_000000412069_00279_32898_8428.N1	15-JUN-2008 08:22:49	Straylight	40.500	147	Alp Ara	2.8770	26000.	81	32898	No
131	GOM_NL__2PRFIN20080615_082434_000000442069_00279_32898_8429.N1	15-JUN-2008 08:24:34	Tw_i_and_stray	43.500	40	The Sco	1.8590	7100.0	87	32898	No
132	GOM_NL__2PRFIN20080615_082617_000000442069_00279_32898_8430.N1	15-JUN-2008 08:26:17	Tw_i_and_stray	44.000	25	35Lam Sco	1.6200	28000.	88	32898	No
133	GOM_NL__2PRFIN20080615_082744_000000442069_00279_32898_8431.N1	15-JUN-2008 08:27:44	Tw_i_and_stray	43.500	75	26Eps Sco	2.2910	4250.0	87	32898	No
134	GOM_NL__2PRFIN20080615_083030_000000362069_00279_32898_8432.N1	15-JUN-2008 08:30:30	Bright	36.000	156	20Sig Sco	2.9030	28000.	72	32898	No
135	GOM_NL__2PRFIN20080615_083253_000000392069_00279_32898_8433.N1	15-JUN-2008 08:32:53	Bright	38.500	86	35Eta Oph	2.4300	10200.	77	32898	No
136	GOM_NL__2PRFIN20080615_083437_000000362069_00279_32898_8434.N1	15-JUN-2008 08:34:37	Bright	35.500	98	13Zet Oph	2.5710	30000.	71	32898	No
137	GOM_NL__2PRFIN20080615_083643_000000362069_00279_32898_8435.N1	15-JUN-2008 08:36:43	Bright	35.500	120	1Del Oph	2.7340	3200.0	71	32898	No
138	GOM_NL__2PRFIN20080615_083945_000000352069_00279_32898_8436.N1	15-JUN-2008 08:39:45	Bright	35.000	102	24Alp Ser	2.6000	4250.0	70	32898	No
139	GOM_NL__2PRFIN20080615_084356_000000372069_00279_32898_8437.N1	15-JUN-2008 08:43:56	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	32898	No
140	GOM_NL__2PRFIN20080615_084528_000000342069_00279_32898_8438.N1	15-JUN-2008 08:45:28	Bright	33.500	67	5Alp CrB	2.2210	11000.	67	32898	No
141	GOM_NL__2PRFIN20080615_084659_000000382069_00279_32898_8439.N1	15-JUN-2008 08:46:59	Bright	37.500	133	40Zet Her	2.8070	6000.0	75	32898	No
142	GOM_NL__2PRFIN20080615_085348_000000572069_00279_32898_8440.N1	15-JUN-2008 08:53:48	Bright	56.500	130	23Bet Dra	2.7990	5800.0	113	32898	No
143	GOM_NL__2PRFIN20080615_085521_000000382069_00279_32898_8441.N1	15-JUN-2008 08:55:21	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	32898	No
144	GOM_NL__2PRFIN20080615_085849_000000362069_00279_32898_8442.N1	15-JUN-2008 08:58:49	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	32898	No
145	GOM_NL__2PRFIN20080615_090326_000000362069_00279_32898_8443.N1	15-JUN-2008 09:03:26	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	32898	No
146	GOM_NL__2PRFIN20080615_091056_000000482069_00279_32898_8444.N1	15-JUN-2008 09:10:56	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	32898	No
147	GOM_NL__2PRFIN20080615_091341_000000342069_00279_32898_8445.N1	15-JUN-2008 09:13:41	Bright	33.500	160	23Gam Per	2.9300	4700.0	67	32898	No
148	GOM_NL__2PRFIN20080615_091709_000000402069_00279_32898_8446.N1	15-JUN-2008 09:17:09	Bright	39.500	73	57Gam1And	2.2600	13100.	79	32898	No
149	GOM_NL__2PRFIN20080615_091924_000000392069_00279_32898_8447.N1	15-JUN-2008 09:19:24	Bright	38.500	173	4Bet Tri	3.0040	8900.0	77	32898	No
150	GOM_NL__2PRFIN20080615_092259_000000492069_00279_32898_8448.N1	15-JUN-2008 09:22:59	Twilight	49.000	50	13Alp Ari	2.0070	4250.0	98	32898	No
151	GOM_NL__2PRFIN20080615_092745_000000432069_00279_32898_8449.N1	15-JUN-2008 09:27:45	Dark	42.500	94	92Alp Cet	2.5260	3100.0	85	32898	No
152	GOM_NL__2PRFIN20080615_094453_000000462069_00279_32898_8450.N1	15-JUN-2008 09:44:53	Dark	45.500	84	Alp Phe	2.3970	4500.0	91	32898	No
153	GOM_NL__2PRFIN20080615_095106_000000512069_00280_32899_8445.N1	15-JUN-2008 09:51:06	Dark	50.500	63	Bet Gru	2.1500	2800.0	101	32899	No
154	GOM_NL__2PRFIN20080615_095700_000000422069_00280_32899_8446.N1	15-JUN-2008 09:57:00	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	32899	No
155	GOM_NL__2PRFIN20080615_100203_000000402069_00280_32899_8447.N1	15-JUN-2008 10:02:03	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	32899	No
156	GOM_NL__2PRFIN20080615_100325_000000402069_00280_32899_8448.N1	15-JUN-2008 10:03:25	Straylight	39.500	147	Alp Ara	2.8770	26000.	79	32899	No
157	GOM_NL__2PRFIN20080615_100510_000000422069_00280_32899_8449.N1	15-JUN-2008 10:05:10	Tw_i_and_stray	41.500	40	The Sco	1.8590	7100.0	83	32899	No
158	GOM_NL__2PRFIN20080615_100653_000000432069_00280_32899_8450.N1	15-JUN-2008 10:06:53	Tw_i_and_stray	42.500	25	35Lam Sco	1.6200	28000.	85	32899	No
159	GOM_NL__2PRFIN20080615_100820_000000412069_00280_32899_8451.N1	15-JUN-2008 10:08:20	Tw_i_and_stray	40.500	75	26Eps Sco	2.2910	4250.0	81	32899	No
160	GOM_NL__2PRFIN20080615_101106_000000372069_00280_32899_8452.N1	15-JUN-2008 10:11:06	Bright	37.000	156	20Sig Sco	2.9030	28000.	74	32899	No

161	GOM_NL__2PRFIN20080615_101329_000000392069_00280_32899_8453.N1	15-JUN-2008 10:13:29	Bright	39.000	86	35Eta Oph	2.4300	10200.	78	32899	No
162	GOM_NL__2PRFIN20080615_101513_000000512069_00280_32899_8454.N1	15-JUN-2008 10:15:13	Bright	51.000	98	13Zet Oph	2.5710	30000.	102	32899	No
163	GOM_NL__2PRFIN20080615_101719_000000362069_00280_32899_8455.N1	15-JUN-2008 10:17:19	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	32899	No
164	GOM_NL__2PRFIN20080615_102028_000000292069_00280_32899_8456.N1	15-JUN-2008 10:20:28	Bright	29.000	102	24Alp Ser	2.6000	4250.0	58	32899	No
165	GOM_NL__2PRFIN20080615_102432_000000382069_00280_32899_8457.N1	15-JUN-2008 10:24:32	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	32899	No
166	GOM_NL__2PRFIN20080615_102604_000000362069_00280_32899_8458.N1	15-JUN-2008 10:26:04	Bright	36.000	67	5Alp CrB	2.2210	11000.	72	32899	No
167	GOM_NL__2PRFIN20080615_102735_000000392069_00280_32899_8459.N1	15-JUN-2008 10:27:35	Bright	38.500	133	40Zet Her	2.8070	6000.0	77	32899	No
168	GOM_NL__2PRFIN20080615_103424_000000412069_00280_32899_8460.N1	15-JUN-2008 10:34:24	Bright	40.500	130	23Bet Dra	2.7990	5800.0	81	32899	No
169	GOM_NL__2PRFIN20080615_103557_000000382069_00280_32899_8461.N1	15-JUN-2008 10:35:57	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	32899	No
170	GOM_NL__2PRFIN20080615_103925_000000362069_00280_32899_8462.N1	15-JUN-2008 10:39:25	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	32899	No
171	GOM_NL__2PRFIN20080615_104402_000000362069_00280_32899_8463.N1	15-JUN-2008 10:44:02	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	32899	No
172	GOM_NL__2PRFIN20080615_105132_000000402069_00280_32899_8464.N1	15-JUN-2008 10:51:32	Bright	39.500	76	27Gam Cas	2.3000	30000.	79	32899	No
173	GOM_NL__2PRFIN20080615_105417_000000342069_00280_32899_8465.N1	15-JUN-2008 10:54:17	Bright	33.500	160	23Gam Per	2.9300	4700.0	67	32899	No
174	GOM_NL__2PRFIN20080615_105745_000000412069_00280_32899_8466.N1	15-JUN-2008 10:57:45	Bright	40.500	73	57Gam1And	2.2600	13100.	81	32899	No
175	GOM_NL__2PRFIN20080615_110000_000000392069_00280_32899_8467.N1	15-JUN-2008 11:00:00	Bright	39.000	173	4Bet Tri	3.0040	8900.0	78	32899	No
176	GOM_NL__2PRFIN20080615_110335_000000522069_00280_32899_8468.N1	15-JUN-2008 11:03:35	Twilight	52.000	50	13Alp Ari	2.0070	4250.0	104	32899	No
177	GOM_NL__2PRFIN20080615_110821_000000372069_00280_32899_8469.N1	15-JUN-2008 11:08:21	Dark	37.000	94	92Alp Cet	2.5260	3100.0	74	32899	No
178	GOM_NL__2PRFIN20080615_112530_000000442069_00280_32899_8470.N1	15-JUN-2008 11:25:30	Dark	43.500	84	Alp Phe	2.3970	4500.0	87	32899	No
179	GOM_NL__2PRFIN20080615_113143_000000502069_00281_32900_8457.N1	15-JUN-2008 11:31:43	Dark	50.000	63	Bet Gru	2.1500	2800.0	100	32900	No
180	GOM_NL__2PRFIN20080615_113736_000000432069_00281_32900_8458.N1	15-JUN-2008 11:37:36	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	32900	No
181	GOM_NL__2PRFIN20080615_114239_000000392069_00281_32900_8459.N1	15-JUN-2008 11:42:39	Straylight	38.500	141	Bet Ara	2.8400	4600.0	77	32900	No
182	GOM_NL__2PRFIN20080615_114401_000000392069_00281_32900_8460.N1	15-JUN-2008 11:44:01	Straylight	38.500	147	Alp Ara	2.8770	26000.	77	32900	No
183	GOM_NL__2PRFIN20080615_114546_000000442069_00281_32900_8461.N1	15-JUN-2008 11:45:46	Twilight	44.000	40	The Sco	1.8590	7100.0	88	32900	No
184	GOM_NL__2PRFIN20080615_114729_000000422069_00281_32900_8462.N1	15-JUN-2008 11:47:29	Twilight	42.000	25	35Lam Sco	1.6200	28000.	84	32900	No
185	GOM_NL__2PRFIN20080615_114856_000000442069_00281_32900_8463.N1	15-JUN-2008 11:48:56	Twilight	44.000	75	26Eps Sco	2.2910	4250.0	88	32900	No
186	GOM_NL__2PRFIN20080615_115142_000000372069_00281_32900_8464.N1	15-JUN-2008 11:51:42	Bright	37.000	156	20Sig Sco	2.9030	28000.	74	32900	No
187	GOM_NL__2PRFIN20080615_115405_000000392069_00281_32900_8465.N1	15-JUN-2008 11:54:05	Bright	38.500	86	35Eta Oph	2.4300	10200.	77	32900	No
188	GOM_NL__2PRFIN20080615_115549_000000372069_00281_32900_8466.N1	15-JUN-2008 11:55:49	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	32900	No
189	GOM_NL__2PRFIN20080615_115755_000000362069_00281_32900_8467.N1	15-JUN-2008 11:57:55	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	32900	No
190	GOM_NL__2PRFIN20080615_120508_000000372069_00281_32900_8468.N1	15-JUN-2008 12:05:08	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	32900	No
191	GOM_NL__2PRFIN20080615_120639_000000342069_00281_32900_8469.N1	15-JUN-2008 12:06:39	Bright	33.500	67	5Alp CrB	2.2210	11000.	67	32900	No
192	GOM_NL__2PRFIN20080615_120810_000000392069_00281_32900_8470.N1	15-JUN-2008 12:08:10	Bright	39.000	133	40Zet Her	2.8070	6000.0	78	32900	No
193	GOM_NL__2PRFIN20080615_121459_000000402069_00281_32900_8471.N1	15-JUN-2008 12:14:59	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	32900	No
194	GOM_NL__2PRFIN20080615_121632_000000382069_00281_32900_8472.N1	15-JUN-2008 12:16:32	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	32900	No
195	GOM_NL__2PRFIN20080615_122000_000000362069_00281_32900_8473.N1	15-JUN-2008 12:20:00	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	32900	No
196	GOM_NL__2PRFIN20080615_122437_000000352069_00281_32900_8474.N1	15-JUN-2008 12:24:37	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	32900	No
197	GOM_NL__2PRFIN20080615_123208_000000422069_00281_32900_8475.N1	15-JUN-2008 12:32:08	Bright	41.500	76	27Gam Cas	2.3000	30000.	83	32900	No
198	GOM_NL__2PRFIN20080615_123453_000000532069_00281_32900_8476.N1	15-JUN-2008 12:34:53	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	32900	No
199	GOM_NL__2PRFIN20080615_123821_000000392069_00281_32900_8477.N1	15-JUN-2008 12:38:21	Bright	39.000	73	57Gam1And	2.2600	13100.	78	32900	No
200	GOM_NL__2PRFIN20080615_124036_000000412069_00281_32900_8478.N1	15-JUN-2008 12:40:36	Bright	40.500	173	4Bet Tri	3.0040	8900.0	81	32900	No
201	GOM_NL__2PRFIN20080615_124411_000000472069_00281_32900_8479.N1	15-JUN-2008 12:44:11	Twilight	46.500	50	13Alp Ari	2.0070	4250.0	93	32900	No
202	GOM_NL__2PRFIN20080615_124857_000000372069_00281_32900_8480.N1	15-JUN-2008 12:48:57	Dark	37.000	94	92Alp Cet	2.5260	3100.0	74	32900	No
203	GOM_NL__2PRFIN20080615_130607_000000522069_00281_32900_8481.N1	15-JUN-2008 13:06:07	Dark	52.000	84	Alp Phe	2.3970	4500.0	104	32900	No
204	GOM_NL__2PRFIN20080615_131220_000000542069_00282_32901_8471.N1	15-JUN-2008 13:12:20	Dark	53.500	63	Bet Gru	2.1500	2800.0	107	32901	No
205	GOM_NL__2PRFIN20080615_131813_000000422069_00282_32901_8472.N1	15-JUN-2008 13:18:13	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	32901	No
206	GOM_NL__2PRFIN20080615_132315_000000382069_00282_32901_8473.N1	15-JUN-2008 13:23:15	Straylight	37.500	141	Bet Ara	2.8400	4600.0	75	32901	No
207	GOM_NL__2PRFIN20080615_132437_000000382069_00282_32901_8474.N1	15-JUN-2008 13:24:37	Straylight	37.500	147	Alp Ara	2.8770	26000.	75	32901	No
208	GOM_NL__2PRFIN20080615_132622_000000412069_00282_32901_8475.N1	15-JUN-2008 13:26:22	Twilight	41.000	40	The Sco	1.8590	7100.0	82	32901	No
209	GOM_NL__2PRFIN20080615_132805_000000442069_00282_32901_8476.N1	15-JUN-2008 13:28:05	Twilight	43.500	25	35Lam Sco	1.6200	28000.	87	32901	No
210	GOM_NL__2PRFIN20080615_132932_000000412069_00282_32901_8477.N1	15-JUN-2008 13:29:32	Twilight	41.000	75	26Eps Sco	2.2910	4250.0	82	32901	No
211	GOM_NL__2PRFIN20080615_133218_000000362069_00282_32901_8478.N1	15-JUN-2008 13:32:18	Bright	36.000	156	20Sig Sco	2.9030	28000.	72	32901	No
212	GOM_NL__2PRFIN20080615_133441_000000392069_00282_32901_8479.N1	15-JUN-2008 13:34:41	Bright	38.500	86	35Eta Oph	2.4300	10200.	77	32901	No
213	GOM_NL__2PRFIN20080615_133625_000000372069_00282_32901_8480.N1	15-JUN-2008 13:36:25	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	32901	No
214	GOM_NL__2PRFIN20080615_133831_000000362069_00282_32901_8481.N1	15-JUN-2008 13:38:31	Bright	35.500	120	1Del Oph	2.7340	3200.0	71	32901	No
215	GOM_NL__2PRFIN20080615_134544_000000382069_00282_32901_8482.N1	15-JUN-2008 13:45:44	Bright	37.500	127	27Bet Her	2.7810	4700.0	75	32901	No
216	GOM_NL__2PRFIN20080615_134716_000000352069_00282_32901_8483.N1	15-JUN-2008 13:47:16	Bright	35.000	67	5Alp CrB	2.2210	11000.	70	32901	No
217	GOM_NL__2PRFIN20080615_134846_000000362069_00282_32901_8484.N1	15-JUN-2008 13:48:46	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	32901	No
218	GOM_NL__2PRFIN20080615_135535_000000402069_00282_32901_8485.N1	15-JUN-2008 13:55:35	Bright	40.000	130	23Bet Dra	2.7990	5800.0	80	32901	No
219	GOM_NL__2PRFIN20080615_135708_000000372069_00282_32901_8486.N1	15-JUN-2008 13:57:08	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	32901	No

220	GOM_NL__2PRFIN20080615_140036_000000372069_00282_32901_8487.N1	15-JUN-2008 14:00:36	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	32901	No
221	GOM_NL__2PRFIN20080615_140513_000000332069_00282_32901_8488.N1	15-JUN-2008 14:05:13	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	32901	No
222	GOM_NL__2PRFIN20080615_141243_000000392069_00282_32901_8489.N1	15-JUN-2008 14:12:43	Bright	39.000	76	27Gam Cas	2.3000	30000.	78	32901	No
223	GOM_NL__2PRFIN20080615_141529_000000332069_00282_32901_8490.N1	15-JUN-2008 14:15:29	Bright	33.000	160	23Gam Per	2.9300	4700.0	66	32901	No
224	GOM_NL__2PRFIN20080615_141857_000000392069_00282_32901_8491.N1	15-JUN-2008 14:18:57	Bright	39.000	73	57Gam1And	2.2600	13100.	78	32901	No
225	GOM_NL__2PRFIN20080615_142112_000000402069_00282_32901_8492.N1	15-JUN-2008 14:21:12	Bright	40.000	173	4Bet Tri	3.0040	8900.0	80	32901	No
226	GOM_NL__2PRFIN20080615_142448_000000462069_00282_32901_8493.N1	15-JUN-2008 14:24:48	Twilight	46.000	50	13Alp Ari	2.0070	4250.0	92	32901	No
227	GOM_NL__2PRFIN20080615_142933_000000432069_00282_32901_8494.N1	15-JUN-2008 14:29:33	Dark	42.500	94	92Alp Cet	2.5260	3100.0	85	32901	No
228	GOM_NL__2PRFIN20080615_144643_000000522069_00282_32901_8495.N1	15-JUN-2008 14:46:43	Dark	52.000	84	Alp Phe	2.3970	4500.0	104	32901	No
229	GOM_NL__2PRFIN20080615_145257_000000532069_00283_32902_8484.N1	15-JUN-2008 14:52:57	Dark	53.000	63	Bet Gru	2.1500	2800.0	106	32902	No
230	GOM_NL__2PRFIN20080615_145850_000000422069_00283_32902_8485.N1	15-JUN-2008 14:58:50	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	32902	No
231	GOM_NL__2PRFIN20080615_150351_000000442069_00283_32902_8486.N1	15-JUN-2008 15:03:51	Straylight	44.000	141	Bet Ara	2.8400	4600.0	88	32902	No
232	GOM_NL__2PRFIN20080615_150513_000000382069_00283_32902_8487.N1	15-JUN-2008 15:05:13	Straylight	38.000	147	Alp Ara	2.8770	26000.	76	32902	No
233	GOM_NL__2PRFIN20080615_150659_000000422069_00283_32902_8488.N1	15-JUN-2008 15:06:59	Tw_i_and_stray	42.000	40	The Sco	1.8590	7100.0	84	32902	No
234	GOM_NL__2PRFIN20080615_150841_000000412069_00283_32902_8489.N1	15-JUN-2008 15:08:41	Tw_i_and_stray	41.000	25	35Lam Sco	1.6200	28000.	82	32902	No
235	GOM_NL__2PRFIN20080615_151008_000000422069_00283_32902_8490.N1	15-JUN-2008 15:10:08	Tw_i_and_stray	41.500	75	26Eps Sco	2.2910	4250.0	83	32902	No
236	GOM_NL__2PRFIN20080615_151254_000000372069_00283_32902_8491.N1	15-JUN-2008 15:12:54	Bright	36.500	156	20Sig Sco	2.9030	28000.	73	32902	No
237	GOM_NL__2PRFIN20080615_151517_000000392069_00283_32902_8492.N1	15-JUN-2008 15:15:17	Bright	39.000	86	35Eta Oph	2.4300	10200.	78	32902	No
238	GOM_NL__2PRFIN20080615_151701_000000372069_00283_32902_8493.N1	15-JUN-2008 15:17:01	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	32902	No
239	GOM_NL__2PRFIN20080615_151907_000000362069_00283_32902_8494.N1	15-JUN-2008 15:19:07	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	32902	No
240	GOM_NL__2PRFIN20080615_152620_000000362069_00283_32902_8495.N1	15-JUN-2008 15:26:20	Bright	35.500	127	27Bet Her	2.7810	4700.0	71	32902	No
241	GOM_NL__2PRFIN20080615_152752_000000342069_00283_32902_8496.N1	15-JUN-2008 15:27:52	Bright	33.500	67	5Alp CrB	2.2210	11000.	67	32902	No
242	GOM_NL__2PRFIN20080615_152922_000000382069_00283_32902_8497.N1	15-JUN-2008 15:29:22	Bright	37.500	133	40Zet Her	2.8070	6000.0	75	32902	No
243	GOM_NL__2PRFIN20080615_153610_000000402069_00283_32902_8498.N1	15-JUN-2008 15:36:10	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	32902	No
244	GOM_NL__2PRFIN20080615_153744_000000342069_00283_32902_8499.N1	15-JUN-2008 15:37:44	Bright	34.000	119	14Eta Dra	2.7270	4700.0	68	32902	No
245	GOM_NL__2PRFIN20080615_154112_000000352069_00283_32902_8500.N1	15-JUN-2008 15:41:12	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	32902	No
246	GOM_NL__2PRFIN20080615_154549_000000362069_00283_32902_8501.N1	15-JUN-2008 15:45:49	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	32902	No
247	GOM_NL__2PRFIN20080615_155319_000000382069_00283_32902_8502.N1	15-JUN-2008 15:53:19	Bright	38.000	76	27Gam Cas	2.3000	30000.	76	32902	No
248	GOM_NL__2PRFIN20080615_155605_000000332069_00283_32902_8503.N1	15-JUN-2008 15:56:05	Bright	32.500	160	23Gam Per	2.9300	4700.0	65	32902	No
249	GOM_NL__2PRFIN20080615_155933_000000402069_00283_32902_8504.N1	15-JUN-2008 15:59:33	Bright	40.000	73	57Gam1And	2.2600	13100.	80	32902	No
250	GOM_NL__2PRFIN20080615_160148_000000412069_00283_32902_8505.N1	15-JUN-2008 16:01:48	Bright	40.500	173	4Bet Tri	3.0040	8900.0	81	32902	No
251	GOM_NL__2PRFIN20080615_160524_000000502069_00283_32902_8506.N1	15-JUN-2008 16:05:24	Twilight	49.500	50	13Alp Ari	2.0070	4250.0	99	32902	No
252	GOM_NL__2PRFIN20080615_161010_000000442069_00283_32902_8507.N1	15-JUN-2008 16:10:10	Dark	43.500	94	92Alp Cet	2.5260	3100.0	87	32902	No
253	GOM_NL__2PRFIN20080615_162720_000000442069_00283_32902_8508.N1	15-JUN-2008 16:27:20	Dark	43.500	84	Alp Phe	2.3970	4500.0	87	32902	No
254	GOM_NL__2PRFIN20080615_163334_000000512069_00284_32903_8495.N1	15-JUN-2008 16:33:34	Dark	50.500	63	Bet Gru	2.1500	2800.0	101	32903	No
255	GOM_NL__2PRFIN20080615_163926_000000392069_00284_32903_8496.N1	15-JUN-2008 16:39:26	Straylight	39.000	45	Alp Pav	1.9400	26000.	78	32903	No
256	GOM_NL__2PRFIN20080615_164428_000000382069_00284_32903_8497.N1	15-JUN-2008 16:44:28	Straylight	38.000	141	Bet Ara	2.8400	4600.0	76	32903	No
257	GOM_NL__2PRFIN20080615_164550_000000382069_00284_32903_8498.N1	15-JUN-2008 16:45:50	Straylight	38.000	147	Alp Ara	2.8770	26000.	76	32903	No
258	GOM_NL__2PRFIN20080615_164735_000000452069_00284_32903_8499.N1	15-JUN-2008 16:47:35	Tw_i_and_stray	45.000	40	The Sco	1.8590	7100.0	90	32903	No
259	GOM_NL__2PRFIN20080615_164918_000000412069_00284_32903_8500.N1	15-JUN-2008 16:49:18	Tw_i_and_stray	41.000	25	35Lam Sco	1.6200	28000.	82	32903	No
260	GOM_NL__2PRFIN20080615_165045_000000432069_00284_32903_8501.N1	15-JUN-2008 16:50:45	Tw_i_and_stray	42.500	75	26Eps Sco	2.2910	4250.0	85	32903	No
261	GOM_NL__2PRFIN20080615_165331_000000372069_00284_32903_8502.N1	15-JUN-2008 16:53:31	Bright	37.000	156	20Sig Sco	2.9030	28000.	74	32903	No
262	GOM_NL__2PRFIN20080615_165553_000000392069_00284_32903_8503.N1	15-JUN-2008 16:55:53	Bright	39.000	86	35Eta Oph	2.4300	10200.	78	32903	No
263	GOM_NL__2PRFIN20080615_165737_000000362069_00284_32903_8504.N1	15-JUN-2008 16:57:37	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	32903	No
264	GOM_NL__2PRFIN20080615_165943_000000362069_00284_32903_8505.N1	15-JUN-2008 16:59:43	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	32903	No
265	GOM_NL__2PRFIN20080615_170656_000000372069_00284_32903_8506.N1	15-JUN-2008 17:06:56	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	32903	No
266	GOM_NL__2PRFIN20080615_170828_000000352069_00284_32903_8507.N1	15-JUN-2008 17:08:28	Bright	34.500	67	5Alp CrB	2.2210	11000.	69	32903	No
267	GOM_NL__2PRFIN20080615_170958_000000362069_00284_32903_8508.N1	15-JUN-2008 17:09:58	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	32903	No
268	GOM_NL__2PRFIN20080615_171646_000000392069_00284_32903_8509.N1	15-JUN-2008 17:16:46	Bright	39.000	130	23Bet Dra	2.7990	5800.0	78	32903	No
269	GOM_NL__2PRFIN20080615_171820_000000362069_00284_32903_8510.N1	15-JUN-2008 17:18:20	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	32903	No
270	GOM_NL__2PRFIN20080615_172148_000000372069_00284_32903_8511.N1	15-JUN-2008 17:21:48	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	32903	No
271	GOM_NL__2PRFIN20080615_172625_000000352069_00284_32903_8512.N1	15-JUN-2008 17:26:25	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	32903	No
272	GOM_NL__2PRFIN20080615_173355_000000392069_00284_32903_8513.N1	15-JUN-2008 17:33:55	Bright	38.500	76	27Gam Cas	2.3000	30000.	77	32903	No
273	GOM_NL__2PRFIN20080615_173641_000000342069_00284_32903_8514.N1	15-JUN-2008 17:36:41	Bright	34.000	160	23Gam Per	2.9300	4700.0	68	32903	No
274	GOM_NL__2PRFIN20080615_174009_000000412069_00284_32903_8515.N1	15-JUN-2008 17:40:09	Bright	40.500	73	57Gam1And	2.2600	13100.	81	32903	No
275	GOM_NL__2PRFIN20080615_174225_000000402069_00284_32903_8516.N1	15-JUN-2008 17:42:25	Bright	39.500	173	4Bet Tri	3.0040	8900.0	79	32903	No
276	GOM_NL__2PRFIN20080615_174600_000000482069_00284_32903_8517.N1	15-JUN-2008 17:46:00	Twilight	48.000	50	13Alp Ari	2.0070	4250.0	96	32903	No
277	GOM_NL__2PRFIN20080615_175046_000000502069_00284_32903_8518.N1	15-JUN-2008 17:50:46	Dark	49.500	94	92Alp Cet	2.5260	3100.0	99	32903	No
278	GOM_NL__2PRFIN20080615_180757_000000482069_00284_32903_8519.N1	15-JUN-2008 18:07:57	Dark	48.000	84	Alp Phe	2.3970	4500.0	96	32903	No



279	GOM_NL__2PRFIN20080615_181410_000000522069_00285_32904_8518.N1	15-JUN-2008 18:14:10	Dark	51.500	63	Bet Gru	2.1500	2800.0	103	32904	No
280	GOM_NL__2PRFIN20080615_182003_000000422069_00285_32904_8519.N1	15-JUN-2008 18:20:03	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	32904	No
281	GOM_NL__2PRFIN20080615_182504_000000392069_00285_32904_8520.N1	15-JUN-2008 18:25:04	Straylight	39.000	141	Bet Ara	2.8400	4600.0	78	32904	No
282	GOM_NL__2PRFIN20080615_182626_000000382069_00285_32904_8521.N1	15-JUN-2008 18:26:26	Straylight	37.500	147	Alp Ara	2.8770	26000.	75	32904	No
283	GOM_NL__2PRFIN20080615_182811_000000452069_00285_32904_8522.N1	15-JUN-2008 18:28:11	Tw_i_and_stray	45.000	40	The Sco	1.8590	7100.0	90	32904	No
284	GOM_NL__2PRFIN20080615_182954_000000442069_00285_32904_8523.N1	15-JUN-2008 18:29:54	Tw_i_and_stray	44.000	25	35Lam Sco	1.6200	28000.	88	32904	No
285	GOM_NL__2PRFIN20080615_183121_000000432069_00285_32904_8524.N1	15-JUN-2008 18:31:21	Tw_i_and_stray	42.500	75	26Eps Sco	2.2910	4250.0	85	32904	No
286	GOM_NL__2PRFIN20080615_183407_000000372069_00285_32904_8525.N1	15-JUN-2008 18:34:07	Bright	36.500	156	20Sig Sco	2.9030	28000.	73	32904	No
287	GOM_NL__2PRFIN20080615_183629_000000392069_00285_32904_8526.N1	15-JUN-2008 18:36:29	Bright	39.000	86	35Eta Oph	2.4300	10200.	78	32904	No
288	GOM_NL__2PRFIN20080615_183813_000000372069_00285_32904_8527.N1	15-JUN-2008 18:38:13	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	32904	No
289	GOM_NL__2PRFIN20080615_184019_000000362069_00285_32904_8528.N1	15-JUN-2008 18:40:19	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	32904	No
290	GOM_NL__2PRFIN20080615_184732_000000382069_00285_32904_8529.N1	15-JUN-2008 18:47:32	Bright	37.500	127	27Bet Her	2.7810	4700.0	75	32904	No
291	GOM_NL__2PRFIN20080615_184904_000000362069_00285_32904_8530.N1	15-JUN-2008 18:49:04	Bright	36.000	67	5Alp CrB	2.2210	11000.	72	32904	No
292	GOM_NL__2PRFIN20080615_185033_000000372069_00285_32904_8531.N1	15-JUN-2008 18:50:33	Bright	36.500	133	40Zet Her	2.8070	6000.0	73	32904	No
293	GOM_NL__2PRFIN20080615_185722_000000412069_00285_32904_8532.N1	15-JUN-2008 18:57:22	Bright	40.500	130	23Bet Dra	2.7990	5800.0	81	32904	No
294	GOM_NL__2PRFIN20080615_185856_000000352069_00285_32904_8533.N1	15-JUN-2008 18:58:56	Bright	34.500	119	14Eta Dra	2.7270	4700.0	69	32904	No
295	GOM_NL__2PRFIN20080615_190225_000000372069_00285_32904_8534.N1	15-JUN-2008 19:02:25	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	32904	No
296	GOM_NL__2PRFIN20080615_190701_000000362069_00285_32904_8535.N1	15-JUN-2008 19:07:01	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	32904	No
297	GOM_NL__2PRFIN20080615_191431_000000392069_00285_32904_8536.N1	15-JUN-2008 19:14:31	Bright	39.000	76	27Gam Cas	2.3000	30000.	78	32904	No
298	GOM_NL__2PRFIN20080615_191717_000000532069_00285_32904_8537.N1	15-JUN-2008 19:17:17	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	32904	No
299	GOM_NL__2PRFIN20080615_192045_000000412069_00285_32904_8538.N1	15-JUN-2008 19:20:45	Bright	40.500	73	57Gam1And	2.2600	13100.	81	32904	No
300	GOM_NL__2PRFIN20080615_192300_000000402069_00285_32904_8539.N1	15-JUN-2008 19:23:00	Bright	40.000	173	4Bet Tri	3.0040	8900.0	80	32904	No
301	GOM_NL__2PRFIN20080615_192636_000000492069_00285_32904_8540.N1	15-JUN-2008 19:26:36	Twilight	48.500	50	13Alp Ari	2.0070	4250.0	97	32904	No
302	GOM_NL__2PRFIN20080615_193122_000000442069_00285_32904_8541.N1	15-JUN-2008 19:31:22	Dark	44.000	94	92Alp Cet	2.5260	3100.0	88	32904	No
303	GOM_NL__2PRFIN20080615_194834_000000492069_00285_32904_8542.N1	15-JUN-2008 19:48:34	Dark	49.000	84	Alp Phe	2.3970	4500.0	98	32904	No
304	GOM_NL__2PRFIN20080615_195447_000000522069_00286_32905_8534.N1	15-JUN-2008 19:54:47	Dark	52.000	63	Bet Gru	2.1500	2800.0	104	32905	No
305	GOM_NL__2PRFIN20080615_200039_000000422069_00286_32905_8535.N1	15-JUN-2008 20:00:39	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	32905	No
306	GOM_NL__2PRFIN20080615_200540_000000452069_00286_32905_8536.N1	15-JUN-2008 20:05:40	Straylight	44.500	141	Bet Ara	2.8400	4600.0	89	32905	No
307	GOM_NL__2PRFIN20080615_200702_000000382069_00286_32905_8537.N1	15-JUN-2008 20:07:02	Straylight	37.500	147	Alp Ara	2.8770	26000.	75	32905	No
308	GOM_NL__2PRFIN20080615_200848_000000452069_00286_32905_8538.N1	15-JUN-2008 20:08:48	Tw_i_and_stray	44.500	40	The Sco	1.8590	7100.0	89	32905	No
309	GOM_NL__2PRFIN20080615_201030_000000432069_00286_32905_8539.N1	15-JUN-2008 20:10:30	Tw_i_and_stray	42.500	25	35Lam Sco	1.6200	28000.	85	32905	No
310	GOM_NL__2PRFIN20080615_201157_000000452069_00286_32905_8540.N1	15-JUN-2008 20:11:57	Tw_i_and_stray	44.500	75	26Eps Sco	2.2910	4250.0	89	32905	No
311	GOM_NL__2PRFIN20080615_201443_000000372069_00286_32905_8541.N1	15-JUN-2008 20:14:43	Bright	36.500	156	20Sig Sco	2.9030	28000.	73	32905	No
312	GOM_NL__2PRFIN20080615_201705_000000392069_00286_32905_8542.N1	15-JUN-2008 20:17:05	Bright	39.000	86	35Eta Oph	2.4300	10200.	78	32905	No
313	GOM_NL__2PRFIN20080615_201849_000000372069_00286_32905_8543.N1	15-JUN-2008 20:18:49	Bright	37.000	98	13Zet Oph	2.5710	30000.	74	32905	No
314	GOM_NL__2PRFIN20080615_202055_000000362069_00286_32905_8544.N1	15-JUN-2008 20:20:55	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	32905	No
315	GOM_NL__2PRFIN20080615_202807_000000362069_00286_32905_8545.N1	15-JUN-2008 20:28:07	Bright	35.500	127	27Bet Her	2.7810	4700.0	71	32905	No
316	GOM_NL__2PRFIN20080615_202940_000000352069_00286_32905_8546.N1	15-JUN-2008 20:29:40	Bright	35.000	67	5Alp CrB	2.2210	11000.	70	32905	No
317	GOM_NL__2PRFIN20080615_203109_000000382069_00286_32905_8547.N1	15-JUN-2008 20:31:09	Bright	38.000	133	40Zet Her	2.8070	6000.0	76	32905	No
318	GOM_NL__2PRFIN20080615_203757_000000412069_00286_32905_8548.N1	15-JUN-2008 20:37:57	Bright	41.000	130	23Bet Dra	2.7990	5800.0	82	32905	No
319	GOM_NL__2PRFIN20080615_203932_000000532069_00286_32905_8549.N1	15-JUN-2008 20:39:32	Bright	53.000	119	14Eta Dra	2.7270	4700.0	106	32905	No
320	GOM_NL__2PRFIN20080615_204301_000000382069_00286_32905_8550.N1	15-JUN-2008 20:43:01	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	32905	No
321	GOM_NL__2PRFIN20080615_204737_000000362069_00286_32905_8551.N1	15-JUN-2008 20:47:37	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	32905	No
322	GOM_NL__2PRFIN20080615_205506_000000592069_00286_32905_8552.N1	15-JUN-2008 20:55:06	Bright	59.000	76	27Gam Cas	2.3000	30000.	118	32905	No
323	GOM_NL__2PRFIN20080615_205753_000000532069_00286_32905_8553.N1	15-JUN-2008 20:57:53	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	32905	No
324	GOM_NL__2PRFIN20080615_210121_000000392069_00286_32905_8554.N1	15-JUN-2008 21:01:21	Bright	39.000	73	57Gam1And	2.2600	13100.	78	32905	No
325	GOM_NL__2PRFIN20080615_210337_000000402069_00286_32905_8555.N1	15-JUN-2008 21:03:37	Bright	39.500	173	4Bet Tri	3.0040	8900.0	79	32905	No
326	GOM_NL__2PRFIN20080615_210712_000000502069_00286_32905_8556.N1	15-JUN-2008 21:07:12	Twilight	49.500	50	13Alp Ari	2.0070	4250.0	99	32905	No
327	GOM_NL__2PRFIN20080615_211158_000000462069_00286_32905_8557.N1	15-JUN-2008 21:11:58	Dark	45.500	94	92Alp Cet	2.5260	3100.0	91	32905	No
328	GOM_NL__2PRFIN20080615_212910_000000442069_00286_32905_8558.N1	15-JUN-2008 21:29:10	Dark	44.000	84	Alp Phe	2.3970	4500.0	88	32905	No
329	GOM_NL__2PRFIN20080615_213524_000000512069_00287_32906_8550.N1	15-JUN-2008 21:35:24	Dark	51.000	63	Bet Gru	2.1500	2800.0	102	32906	No
330	GOM_NL__2PRFIN20080615_214116_000000412069_00287_32906_8551.N1	15-JUN-2008 21:41:16	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	32906	No
331	GOM_NL__2PRFIN20080615_214616_000000392069_00287_32906_8552.N1	15-JUN-2008 21:46:16	Straylight	39.000	141	Bet Ara	2.8400	4600.0	78	32906	No
332	GOM_NL__2PRFIN20080615_214738_000000382069_00287_32906_8553.N1	15-JUN-2008 21:47:38	Straylight	38.000	147	Alp Ara	2.8770	26000.	76	32906	No
333	GOM_NL__2PRFIN20080615_214924_000000432069_00287_32906_8554.N1	15-JUN-2008 21:49:24	Tw_i_and_stray	43.000	40	The Sco	1.8590	7100.0	86	32906	No
334	GOM_NL__2PRFIN20080615_215106_000000412069_00287_32906_8555.N1	15-JUN-2008 21:51:06	Tw_i_and_stray	41.000	25	35Lam Sco	1.6200	28000.	82	32906	No
335	GOM_NL__2PRFIN20080615_215233_000000402069_00287_32906_8556.N1	15-JUN-2008 21:52:33	Tw_i_and_stray	39.500	75	26Eps Sco	2.2910	4250.0	79	32906	No
336	GOM_NL__2PRFIN20080615_215519_000000372069_00287_32906_8557.N1	15-JUN-2008 21:55:19	Bright	36.500	156	20Sig Sco	2.9030	28000.	73	32906	No
337	GOM_NL__2PRFIN20080615_215741_000000392069_00287_32906_8558.N1	15-JUN-2008 21:57:41	Bright	39.000	86	35Eta Oph	2.4300	10200.	78	32906	No

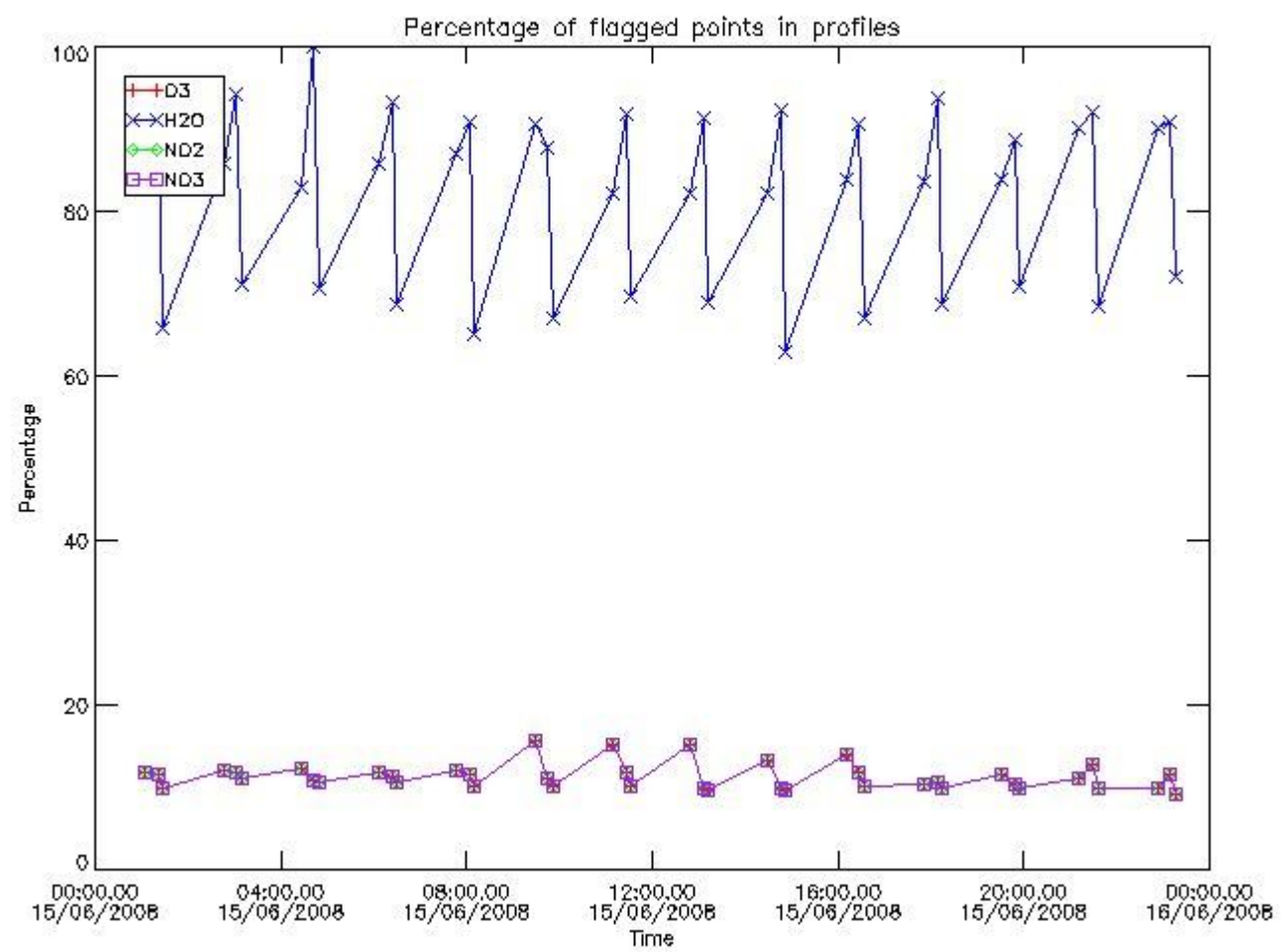


338	GOM_NL__2PRFIN20080615_215925_000000372069_00287_32906_8559.N1	15-JUN-2008 21:59:25	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	32906	No
339	GOM_NL__2PRFIN20080615_220131_000000362069_00287_32906_8560.N1	15-JUN-2008 22:01:31	Bright	35.500	120	1Del Oph	2.7340	3200.0	71	32906	No
340	GOM_NL__2PRFIN20080615_220843_000000362069_00287_32906_8561.N1	15-JUN-2008 22:08:43	Bright	36.000	127	27Bet Her	2.7810	4700.0	72	32906	No
341	GOM_NL__2PRFIN20080615_221016_000000342069_00287_32906_8562.N1	15-JUN-2008 22:10:16	Bright	34.000	67	5Alp CrB	2.2210	11000.	68	32906	No
342	GOM_NL__2PRFIN20080615_221145_000000382069_00287_32906_8563.N1	15-JUN-2008 22:11:45	Bright	38.000	133	40Zet Her	2.8070	6000.0	76	32906	No
343	GOM_NL__2PRFIN20080615_221833_000000402069_00287_32906_8564.N1	15-JUN-2008 22:18:33	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	32906	No
344	GOM_NL__2PRFIN20080615_222007_000000362069_00287_32906_8565.N1	15-JUN-2008 22:20:07	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	32906	No
345	GOM_NL__2PRFIN20080615_222336_000000372069_00287_32906_8566.N1	15-JUN-2008 22:23:36	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	32906	No
346	GOM_NL__2PRFIN20080615_222813_000000362069_00287_32906_8567.N1	15-JUN-2008 22:28:13	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	32906	No
347	GOM_NL__2PRFIN20080615_223542_000000402069_00287_32906_8568.N1	15-JUN-2008 22:35:42	Bright	40.000	76	27Gam Cas	2.3000	30000.	80	32906	No
348	GOM_NL__2PRFIN20080615_223829_000000342069_00287_32906_8569.N1	15-JUN-2008 22:38:29	Bright	33.500	160	23Gam Per	2.9300	4700.0	67	32906	No
349	GOM_NL__2PRFIN20080615_224156_000000572069_00287_32906_8570.N1	15-JUN-2008 22:41:56	Bright	57.000	73	57Gam1And	2.2600	13100.	114	32906	No
350	GOM_NL__2PRFIN20080615_224412_000000402069_00287_32906_8571.N1	15-JUN-2008 22:44:12	Bright	40.000	173	4Bet Tri	3.0040	8900.0	80	32906	No
351	GOM_NL__2PRFIN20080615_224748_000000492069_00287_32906_8572.N1	15-JUN-2008 22:47:48	Twilight	49.000	50	13Alp Ari	2.0070	4250.0	98	32906	No
352	GOM_NL__2PRFIN20080615_225234_000000512069_00287_32906_8573.N1	15-JUN-2008 22:52:34	Dark	50.500	94	92Alp Cet	2.5260	3100.0	101	32906	No
353	GOM_NL__2PRFIN20080615_230947_000000452069_00287_32906_8574.N1	15-JUN-2008 23:09:47	Dark	44.500	84	Alp Phe	2.3970	4500.0	89	32906	No
354	GOM_NL__2PRFIN20080615_231601_000000622069_00288_32907_8564.N1	15-JUN-2008 23:16:01	Dark	61.500	63	Bet Gru	2.1500	2800.0	123	32907	No
355	GOM_NL__2PRFIN20080615_232152_000000412069_00288_32907_8565.N1	15-JUN-2008 23:21:52	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	32907	No
356	GOM_NL__2PRFIN20080615_232652_000000402069_00288_32907_8566.N1	15-JUN-2008 23:26:52	Straylight	39.500	141	Bet Ara	2.8400	4600.0	79	32907	No
357	GOM_NL__2PRFIN20080615_232815_000000382069_00288_32907_8567.N1	15-JUN-2008 23:28:15	Straylight	38.000	147	Alp Ara	2.8770	26000.	76	32907	No
358	GOM_NL__2PRFIN20080615_233000_000000432069_00288_32907_8568.N1	15-JUN-2008 23:30:00	Twilight	42.500	40	The Sco	1.8590	7100.0	85	32907	No
359	GOM_NL__2PRFIN20080615_233143_000000442069_00288_32907_8569.N1	15-JUN-2008 23:31:43	Twilight	43.500	25	35Lam Sco	1.6200	28000.	87	32907	No
360	GOM_NL__2PRFIN20080615_233309_000000412069_00288_32907_8570.N1	15-JUN-2008 23:33:09	Twilight	41.000	75	26Eps Sco	2.2910	4250.0	82	32907	No
361	GOM_NL__2PRFIN20080615_233555_000000372069_00288_32907_8571.N1	15-JUN-2008 23:35:55	Bright	36.500	156	20Sig Sco	2.9030	28000.	73	32907	No
362	GOM_NL__2PRFIN20080615_233817_000000382069_00288_32907_8572.N1	15-JUN-2008 23:38:17	Bright	38.000	86	35Eta Oph	2.4300	10200.	76	32907	No
363	GOM_NL__2PRFIN20080615_234001_000000352069_00288_32907_8573.N1	15-JUN-2008 23:40:01	Bright	35.000	98	13Zet Oph	2.5710	30000.	70	32907	No
364	GOM_NL__2PRFIN20080615_234207_000000362069_00288_32907_8574.N1	15-JUN-2008 23:42:07	Bright	35.500	120	1Del Oph	2.7340	3200.0	71	32907	No
365	GOM_NL__2PRFIN20080615_234919_000000362069_00288_32907_8575.N1	15-JUN-2008 23:49:19	Bright	36.000	127	27Bet Her	2.7810	4700.0	72	32907	No
366	GOM_NL__2PRFIN20080615_235052_000000362069_00288_32907_8576.N1	15-JUN-2008 23:50:52	Bright	35.500	67	5Alp CrB	2.2210	11000.	71	32907	No
367	GOM_NL__2PRFIN20080615_235220_000000392069_00288_32907_8577.N1	15-JUN-2008 23:52:20	Bright	38.500	133	40Zet Her	2.8070	6000.0	77	32907	No
368	GOM_NL__2PRFIN20080615_235908_000000372069_00288_32907_8578.N1	15-JUN-2008 23:59:08	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	32907	No

### 3. Quality information per product

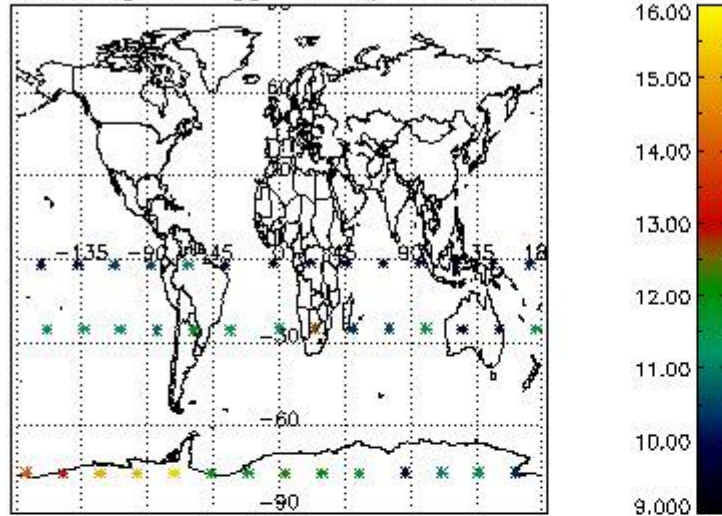
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

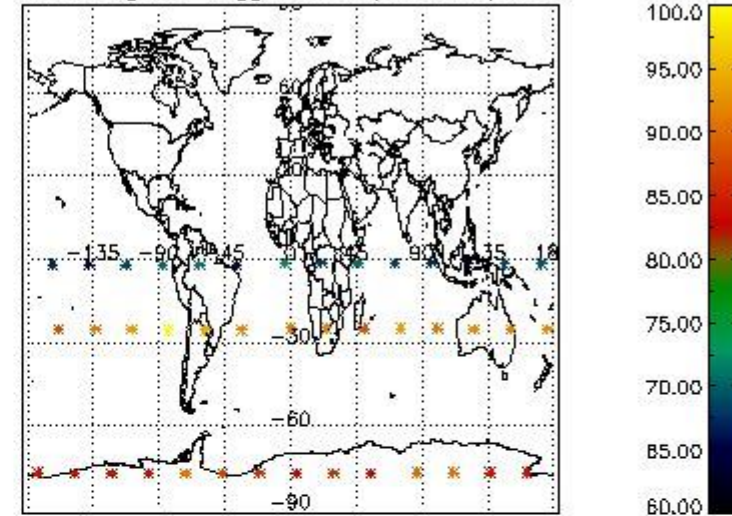


3.2 Plot quality information per product (world map)

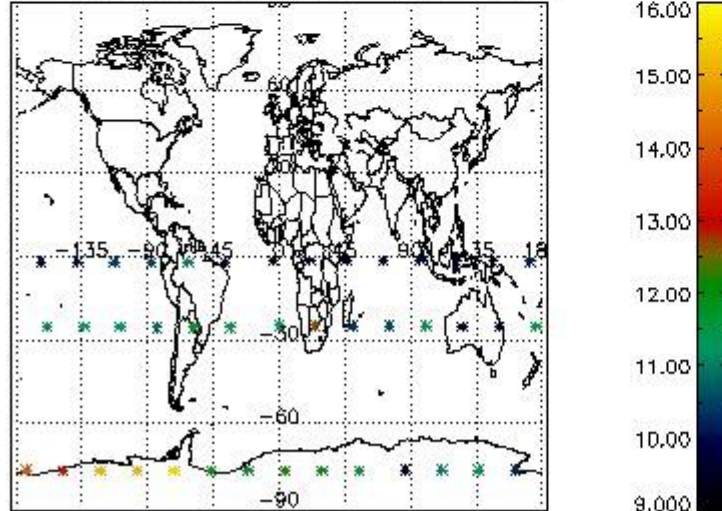
Percentage of flagged data per O3 profile



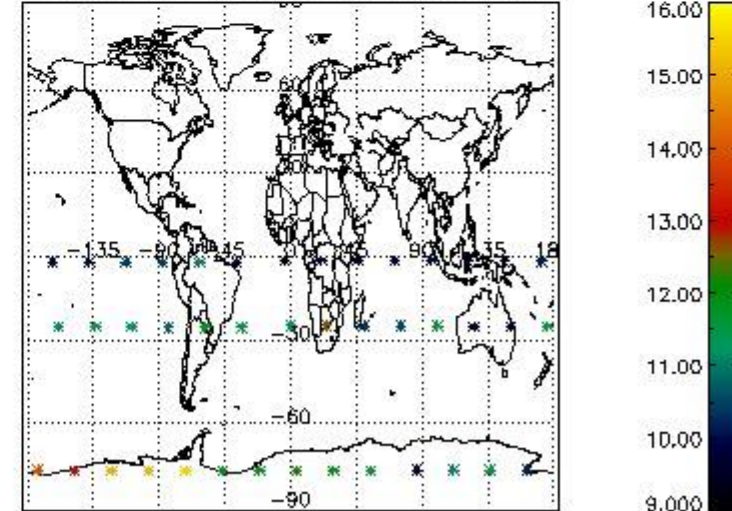
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

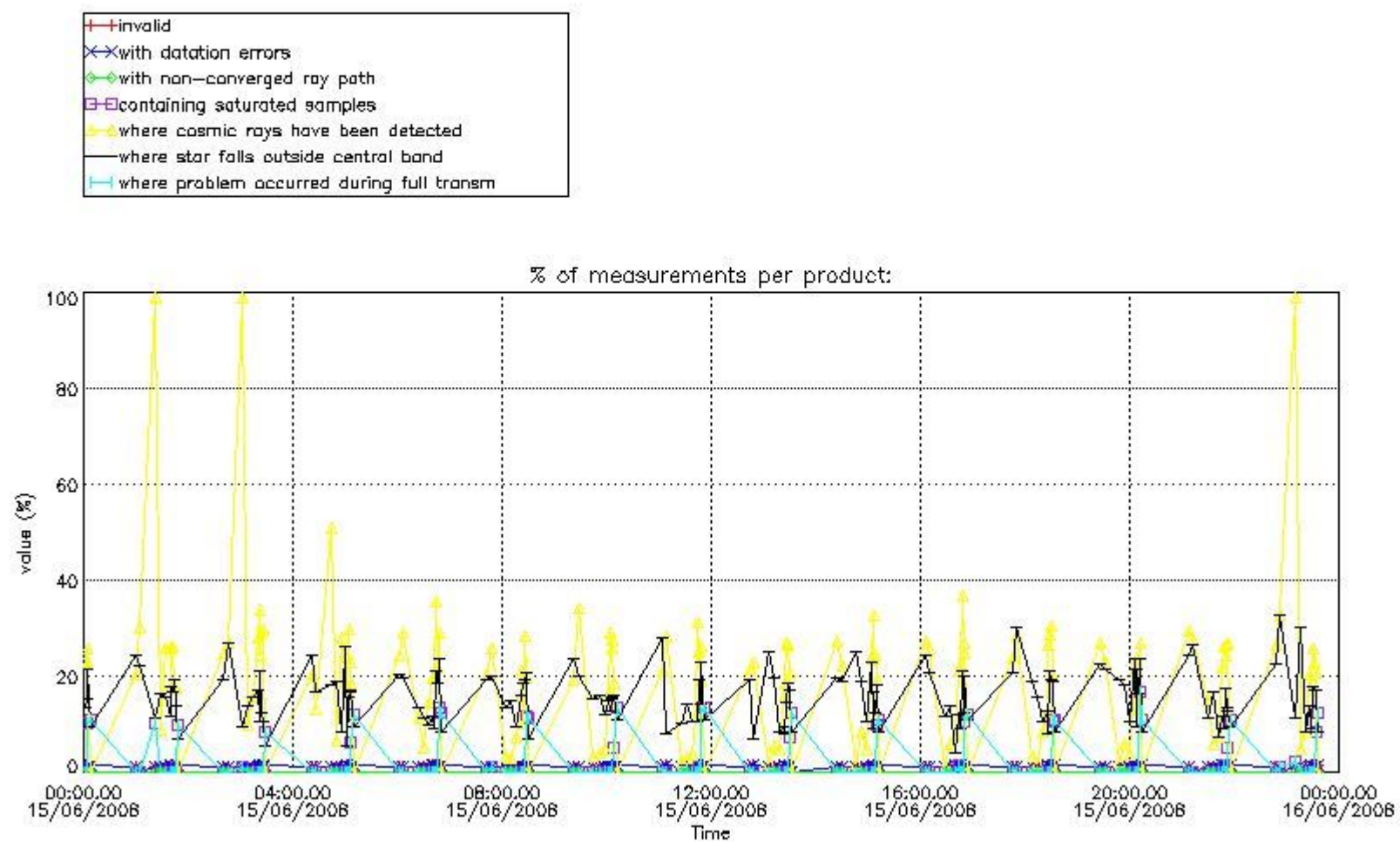


#### 4. Level 1 quality information per product

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.

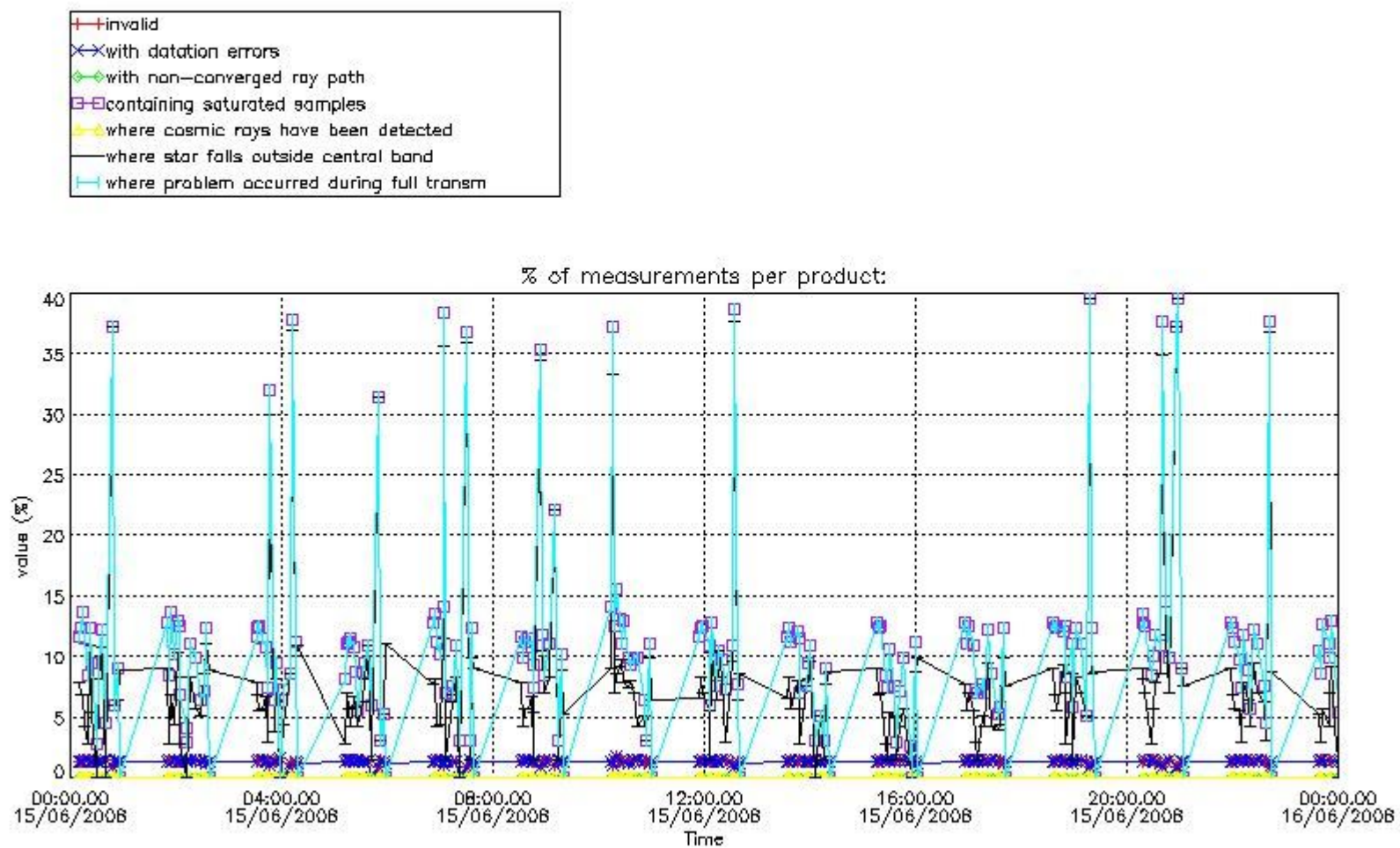
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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

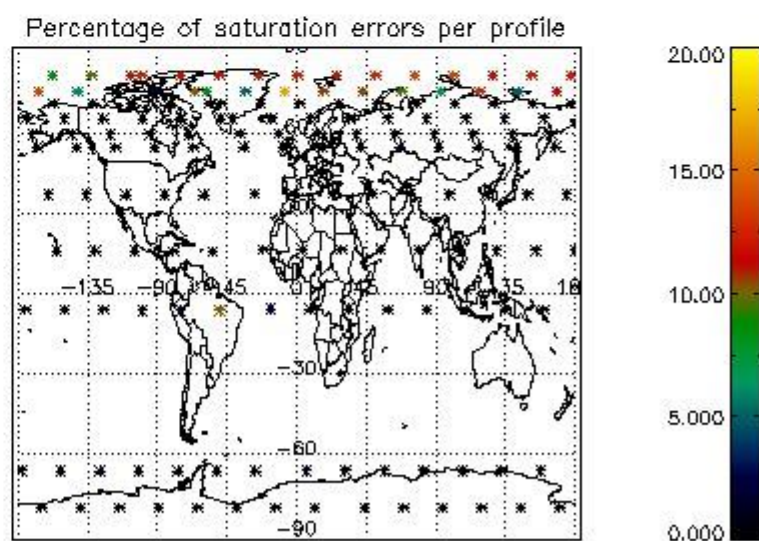
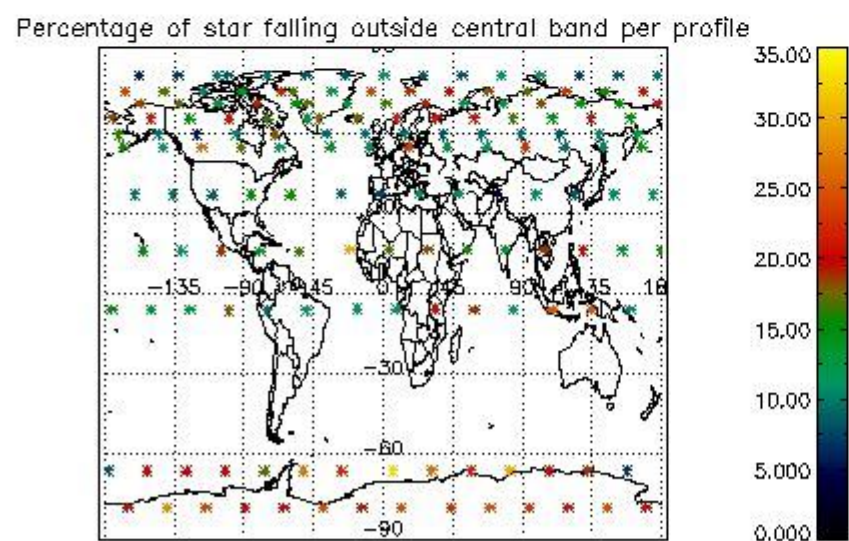
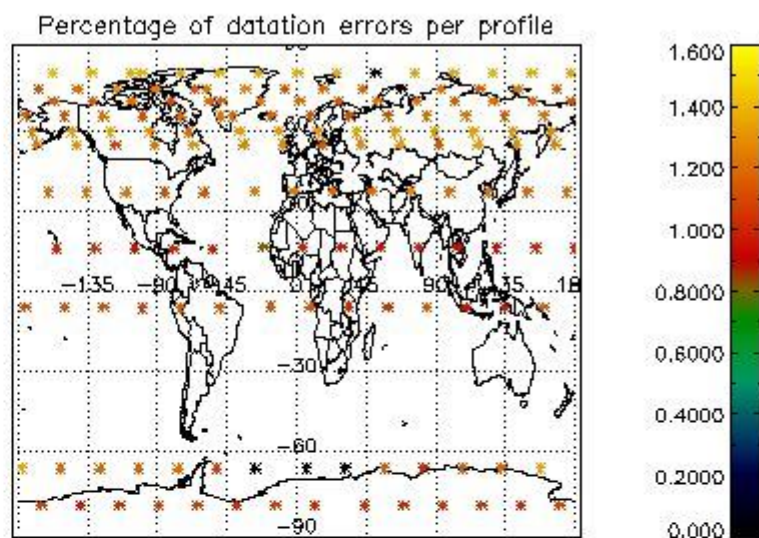
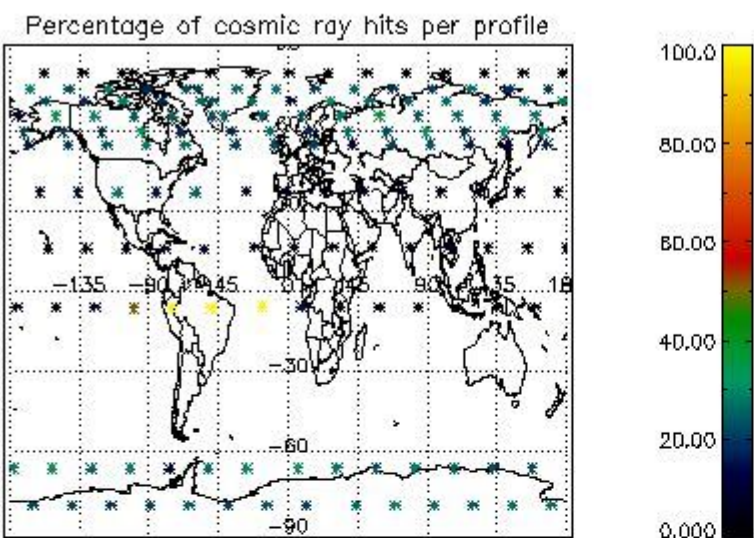


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



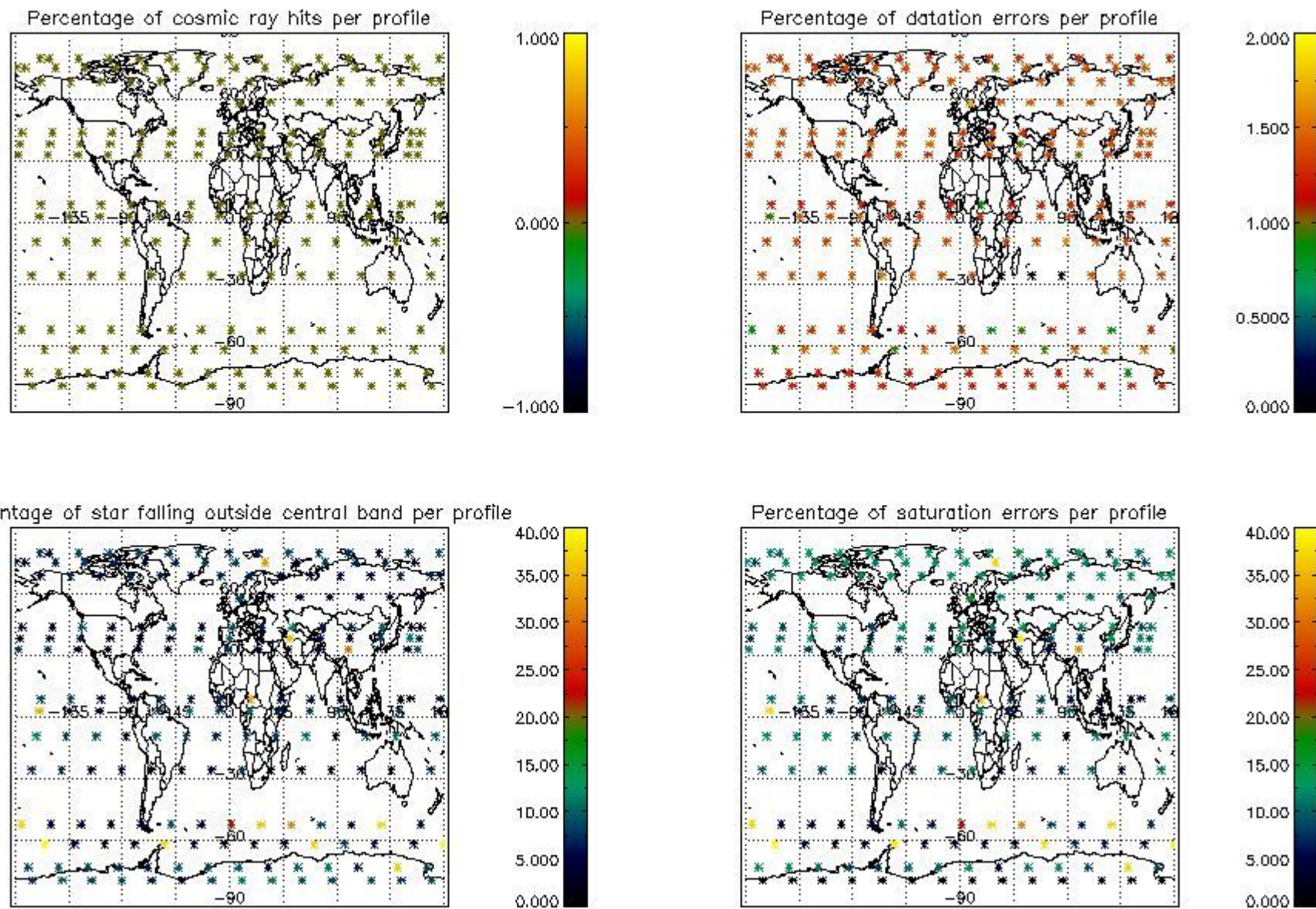


4.2 Plot quality information per product coming from level 1b processing (world map)  
 4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes



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

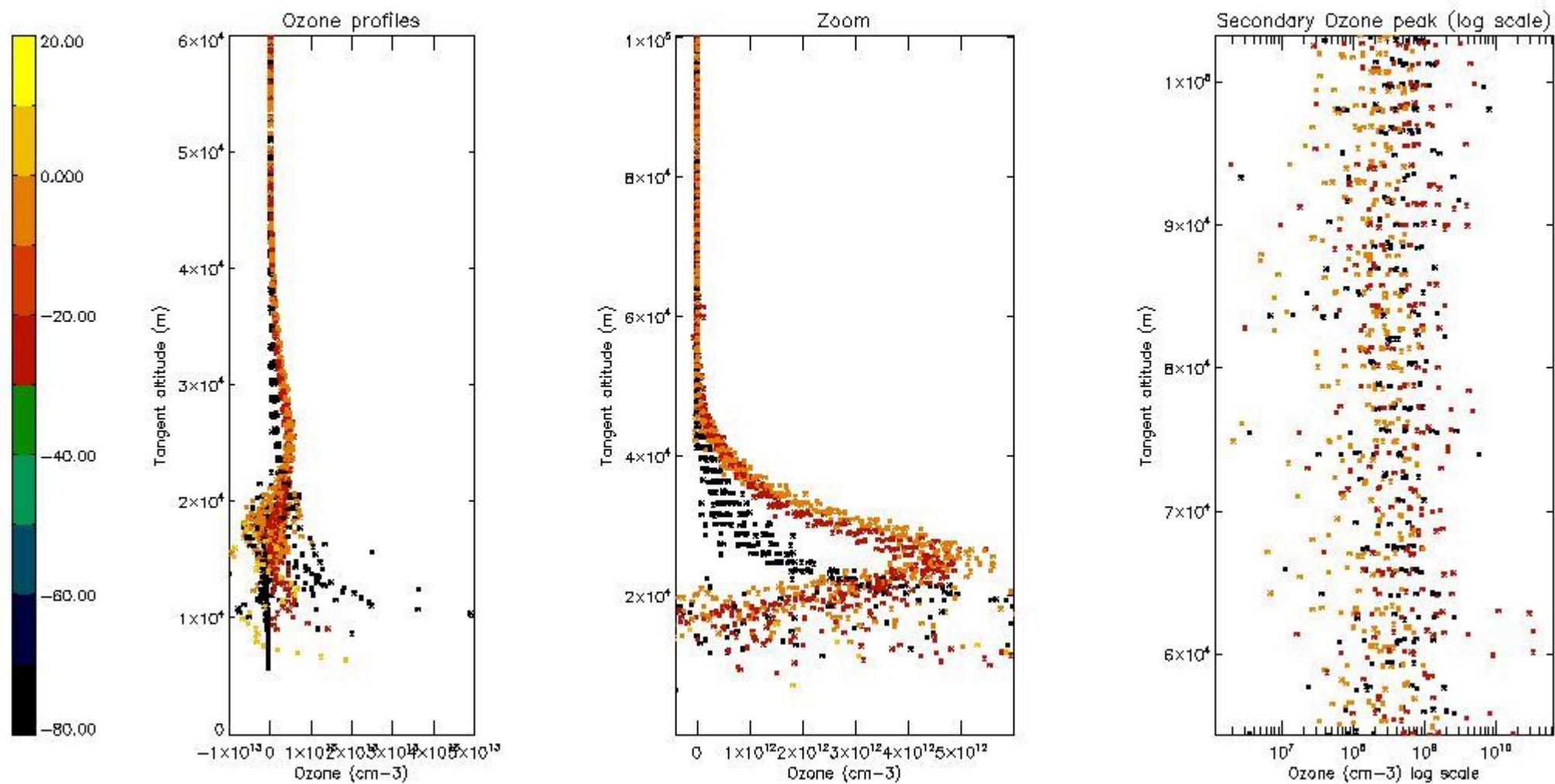
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	14
STD < 20	3

STD < 10	1
STD < 5	0

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

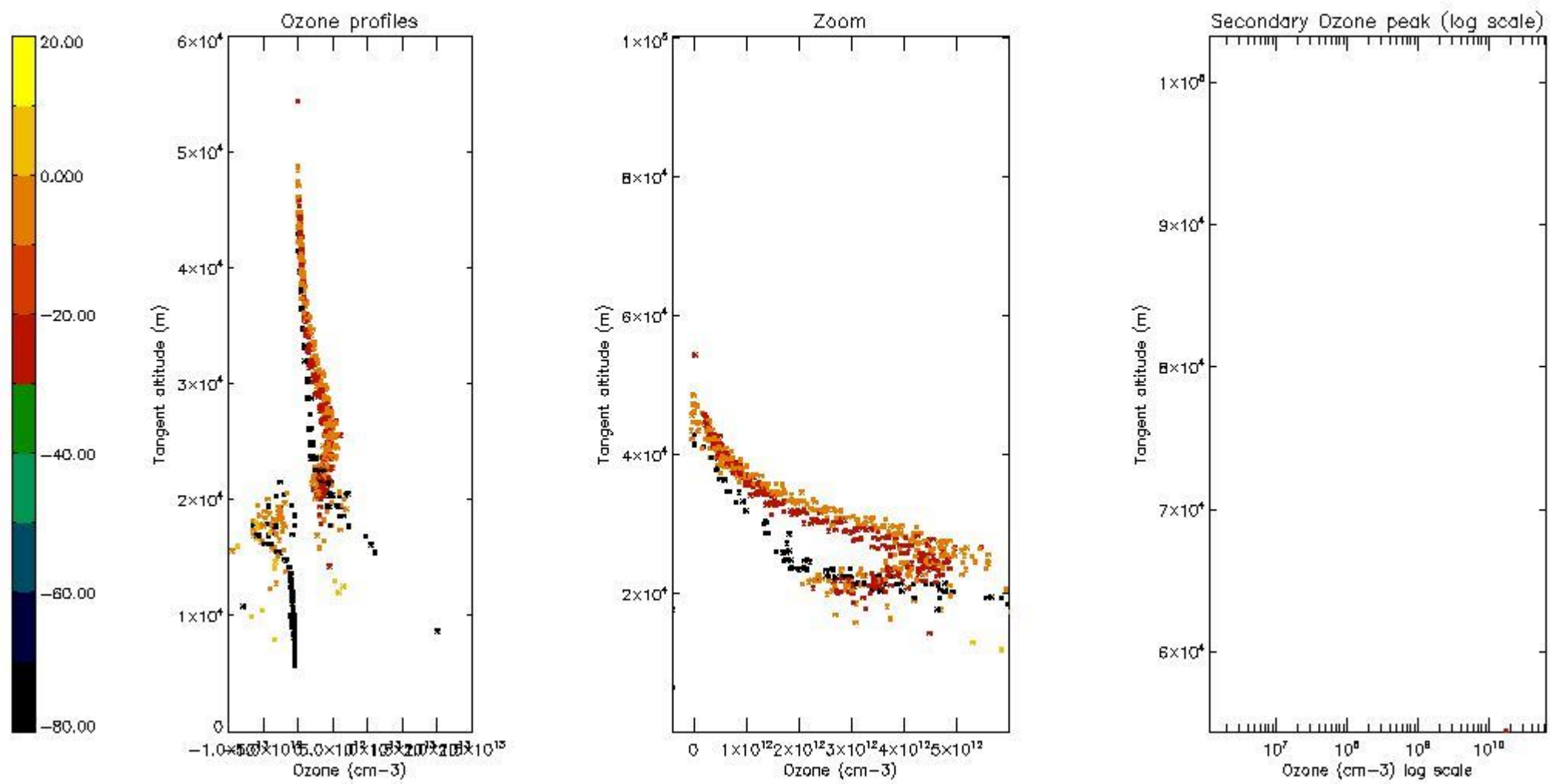
The colorbar represents the latitude.



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

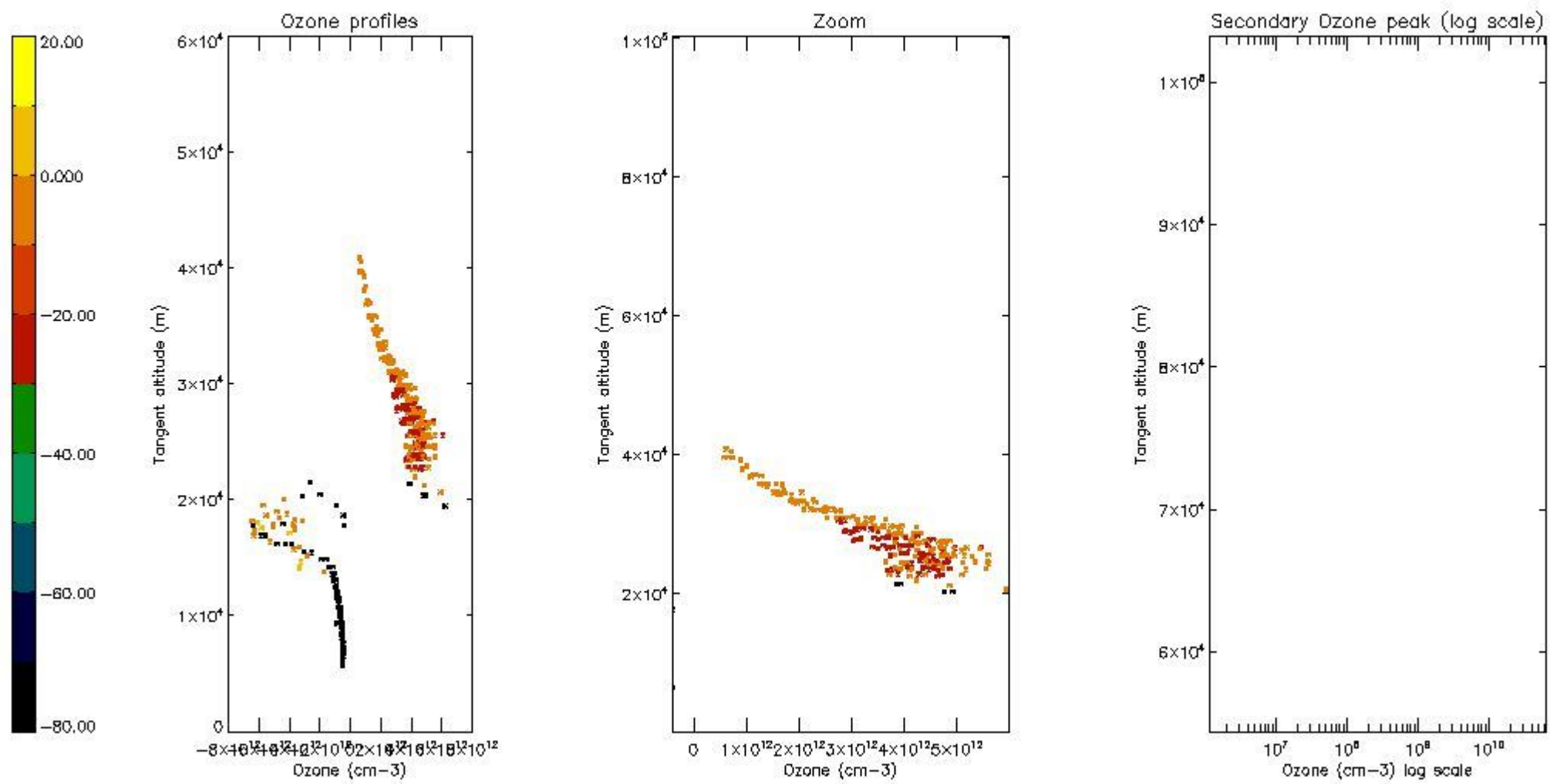
The colorbar represents the latitude.





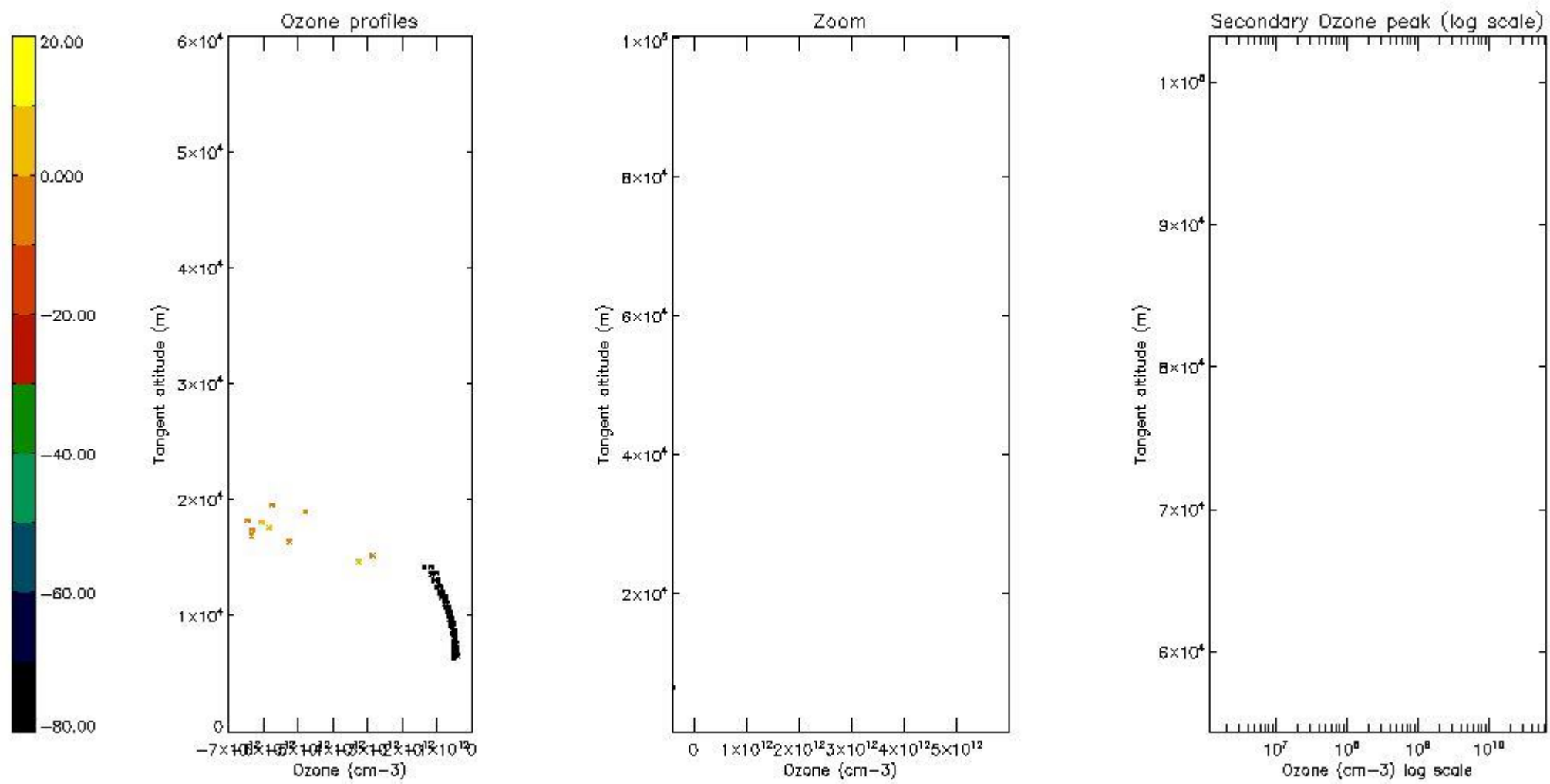
*5.4 Plot ozone profiles where  $STD < 10\%$  (dark without errors)*

The colorbar represents the latitude.



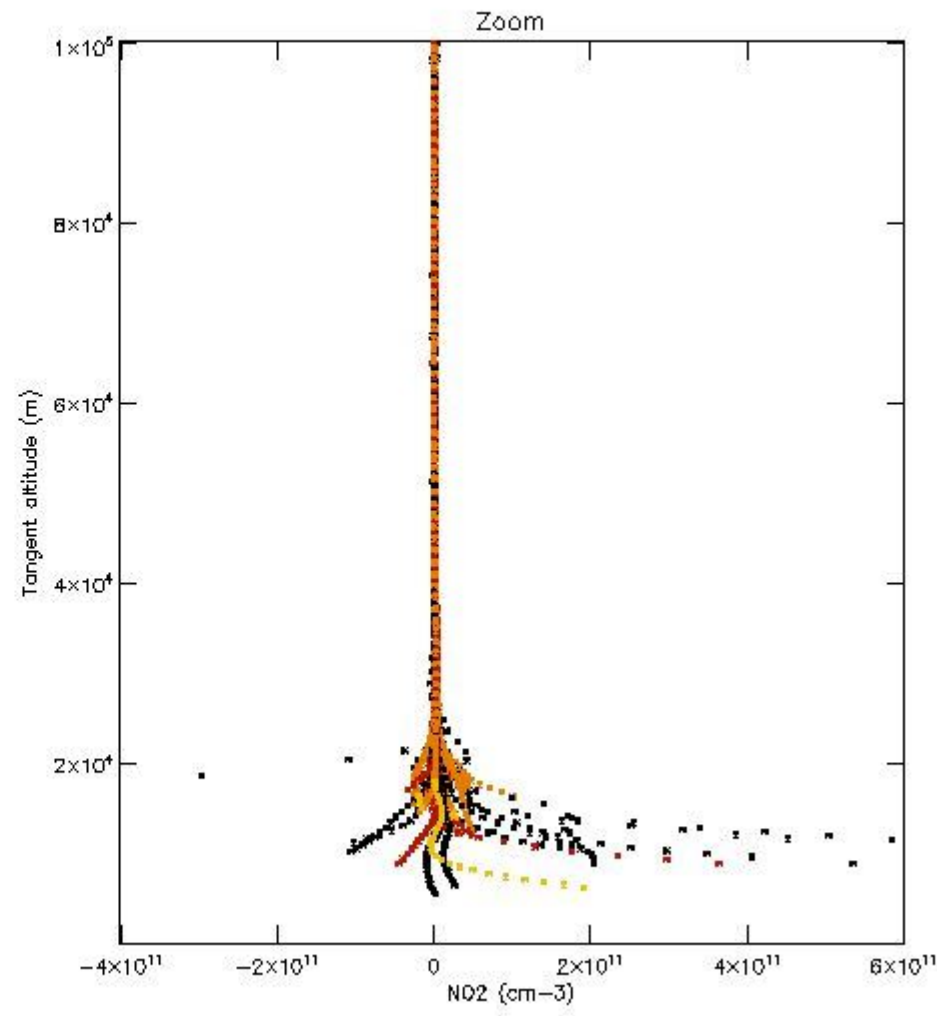
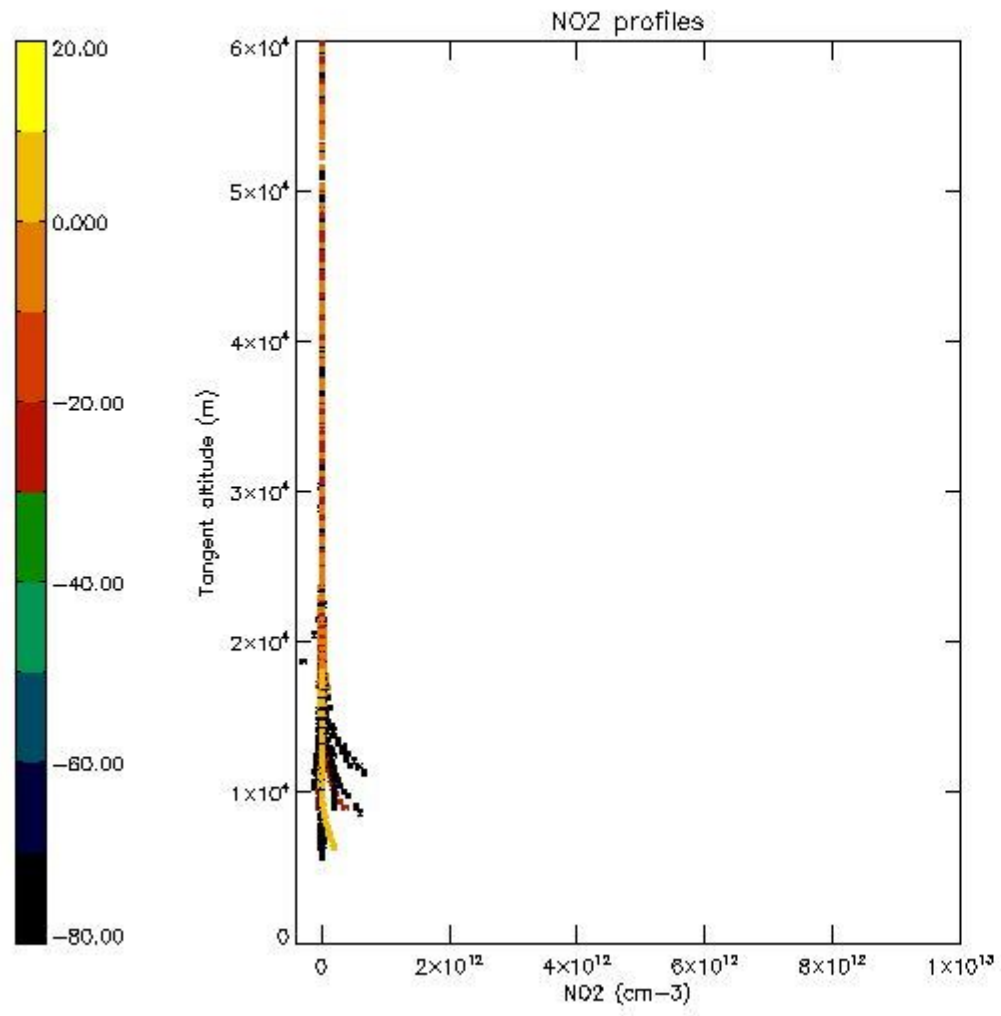
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



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

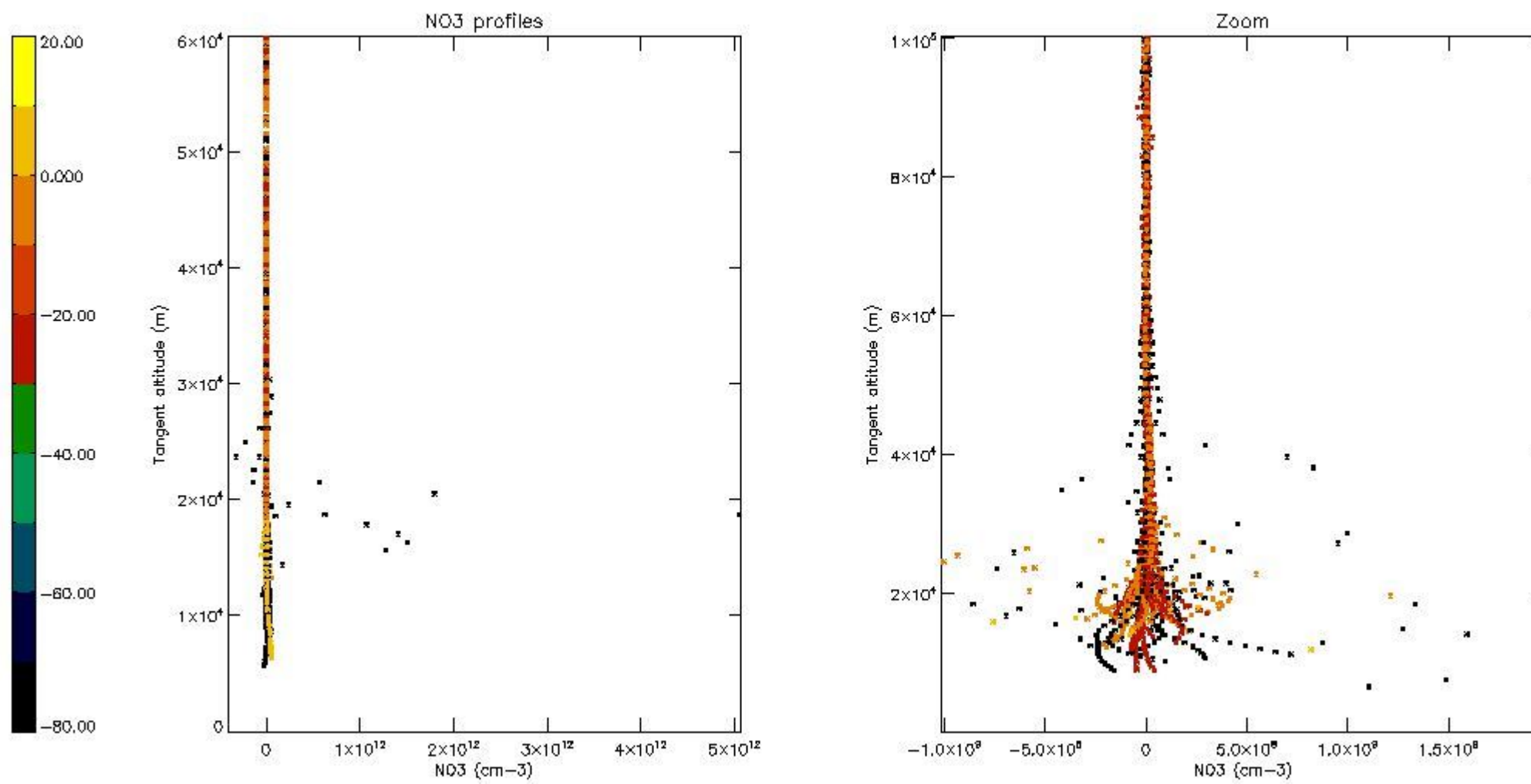
The colorbar represents the latitude.



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

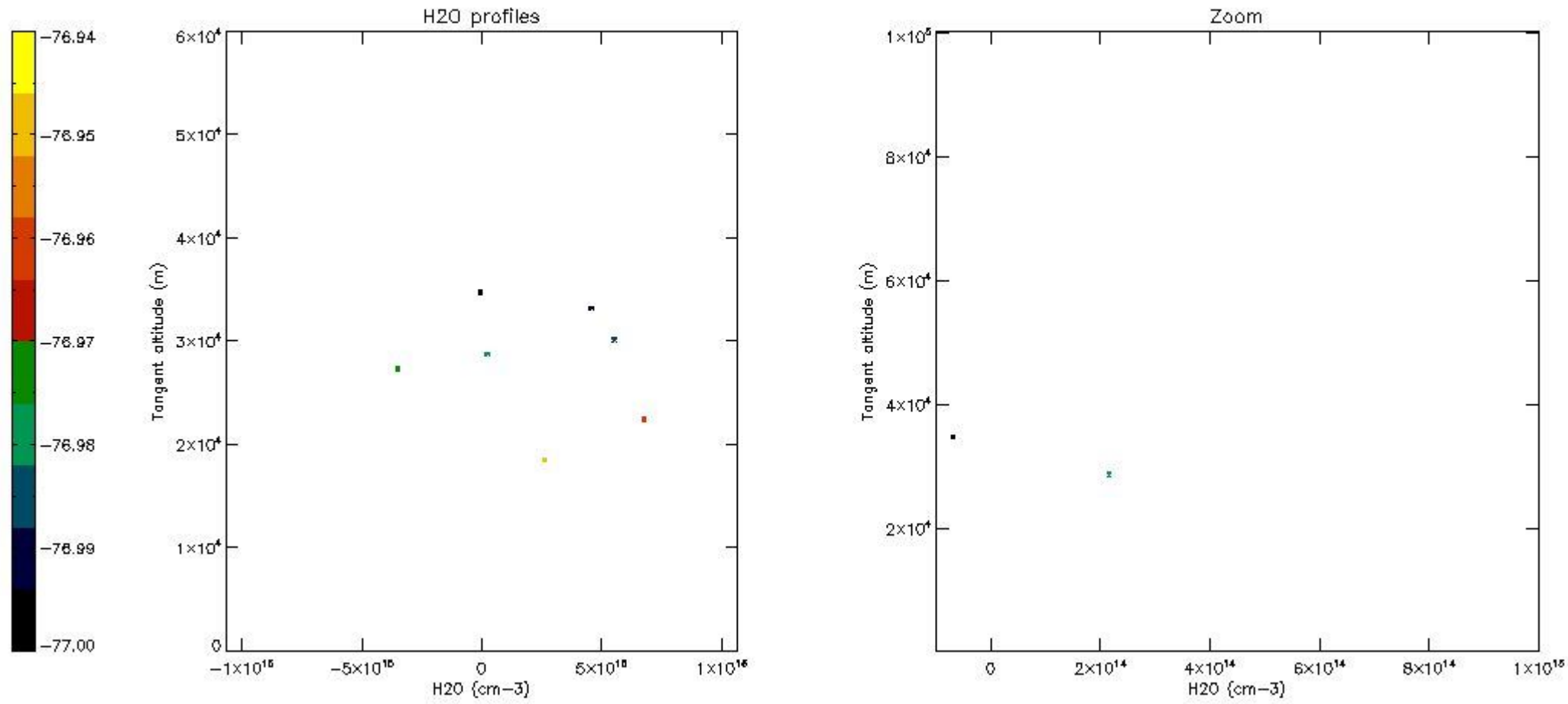
The colorbar represents the latitude.





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)

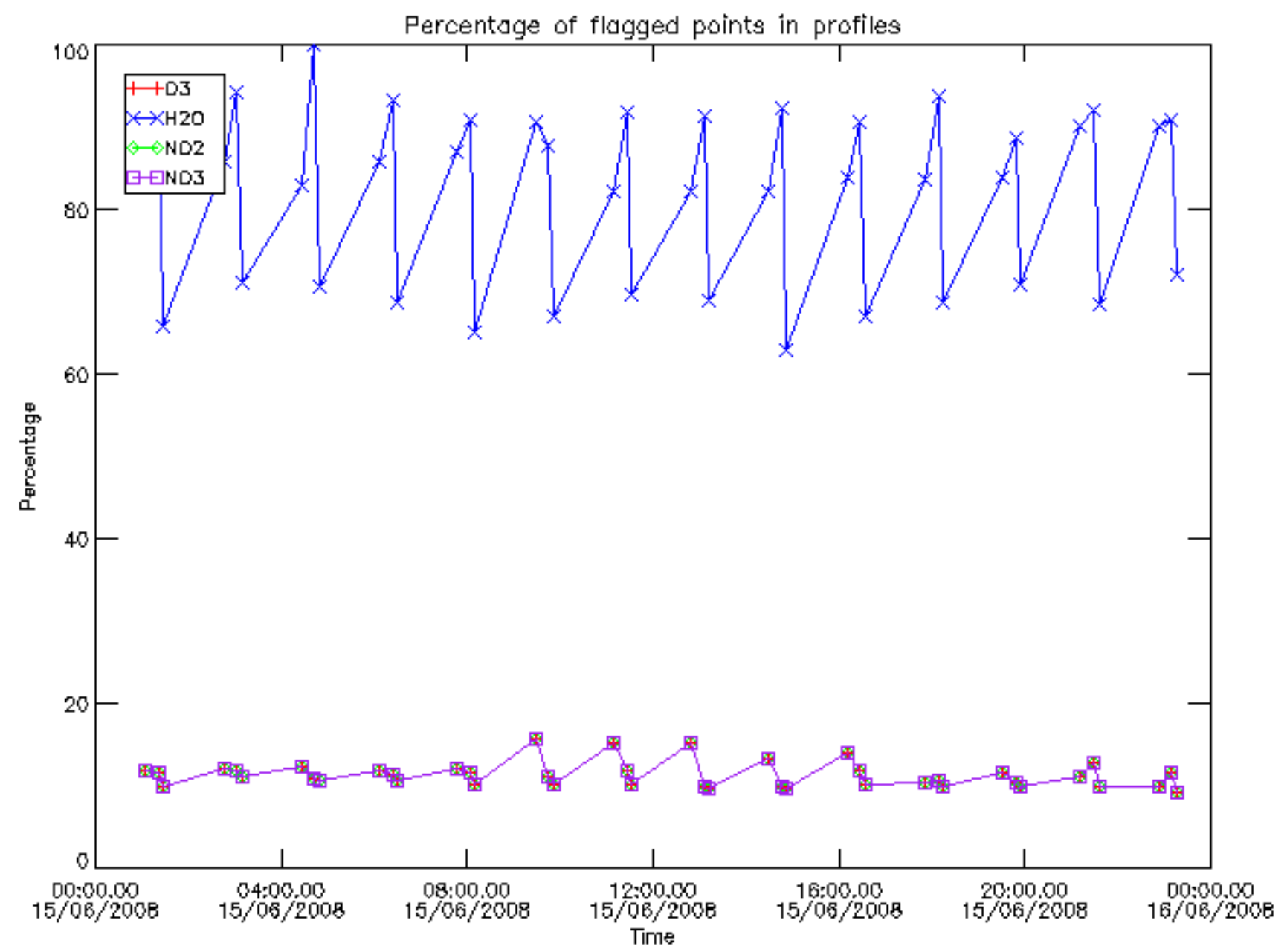
The colorbar represents the latitude.



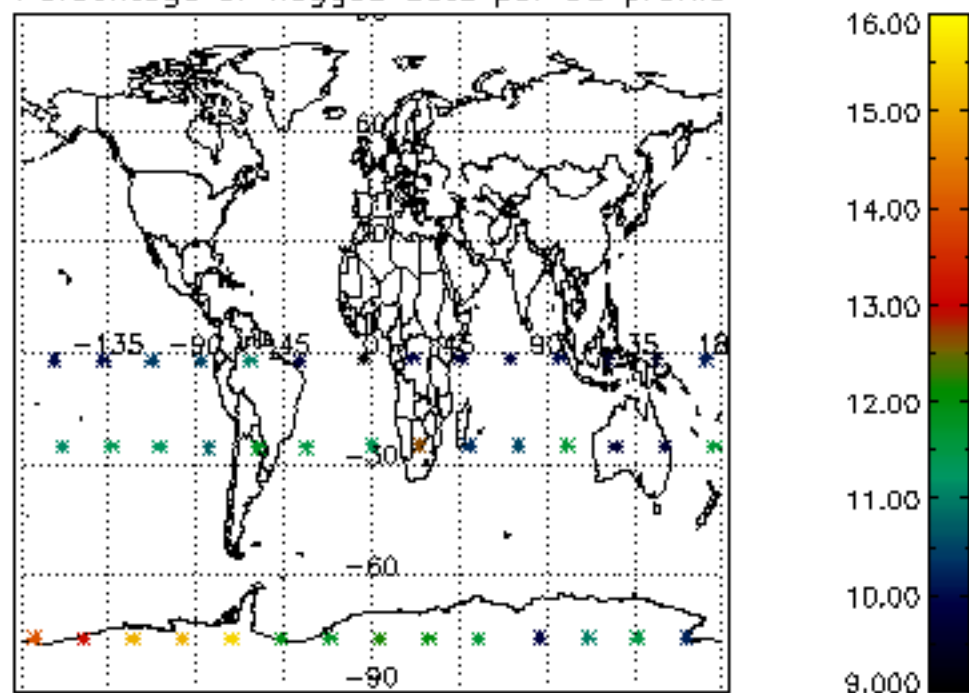
## 6. Auxiliary Data Files used for the production reported in section 2

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.

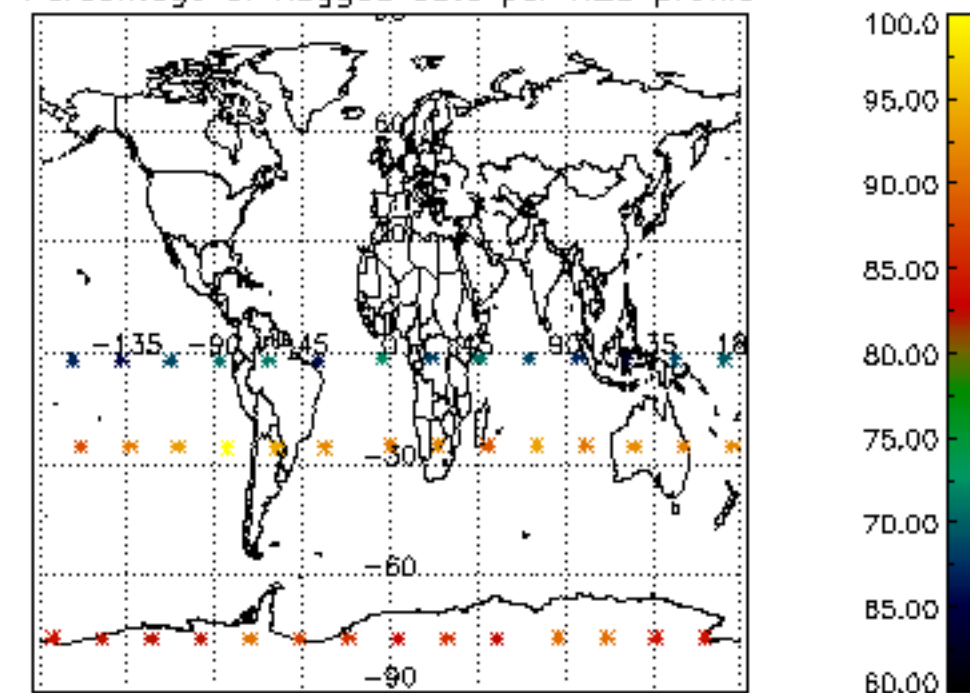
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	15-JUN-2008 00:01:32
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	15-JUN-2008 00:01:32
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	15-JUN-2008 00:01:32



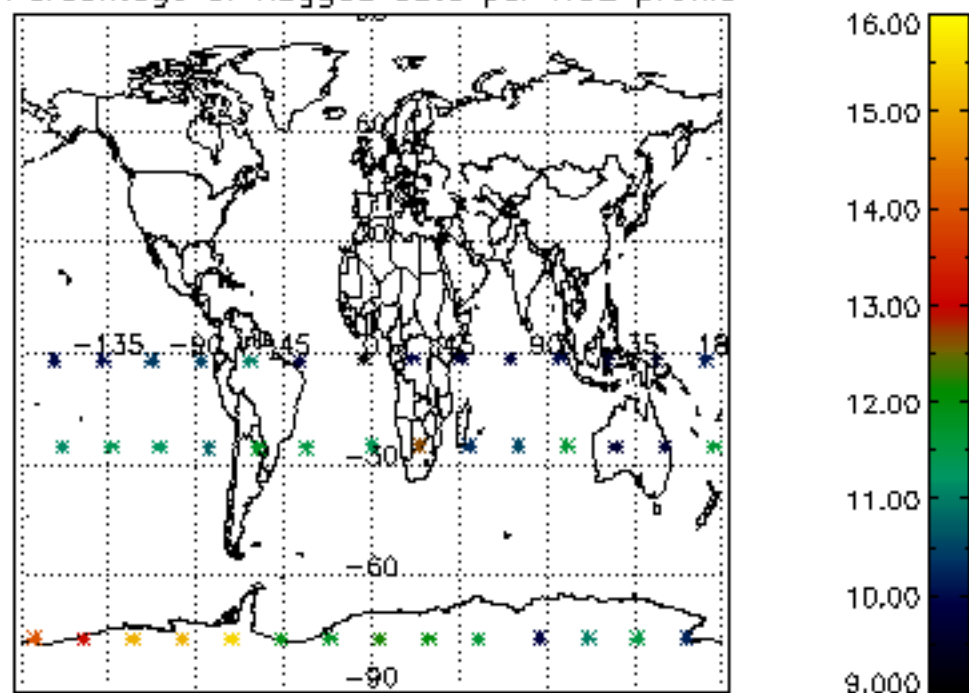
Percentage of flagged data per D3 profile



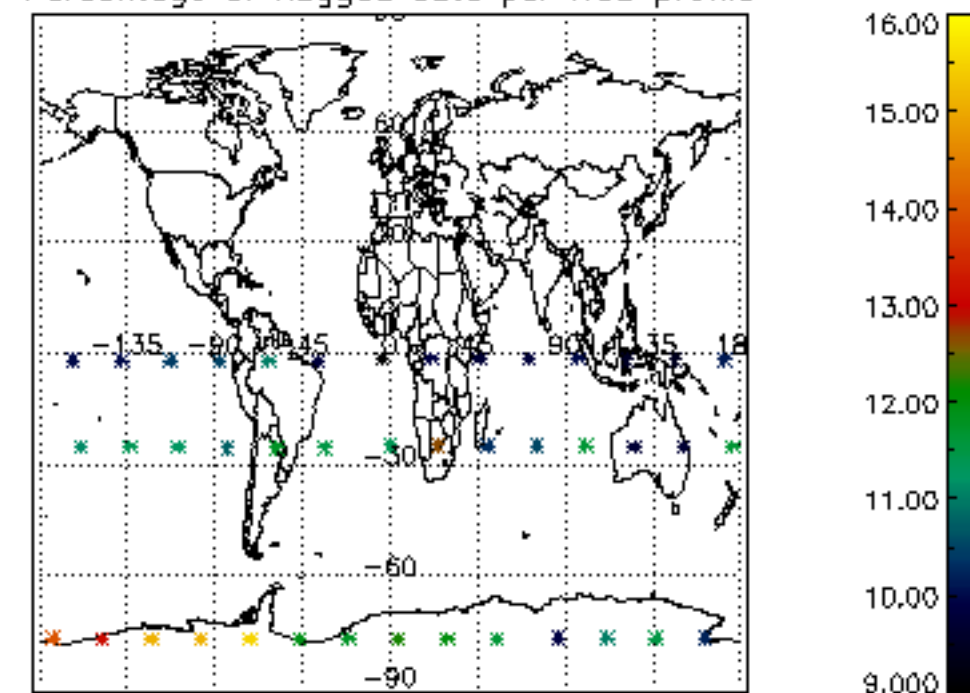
Percentage of flagged data per H2O profile



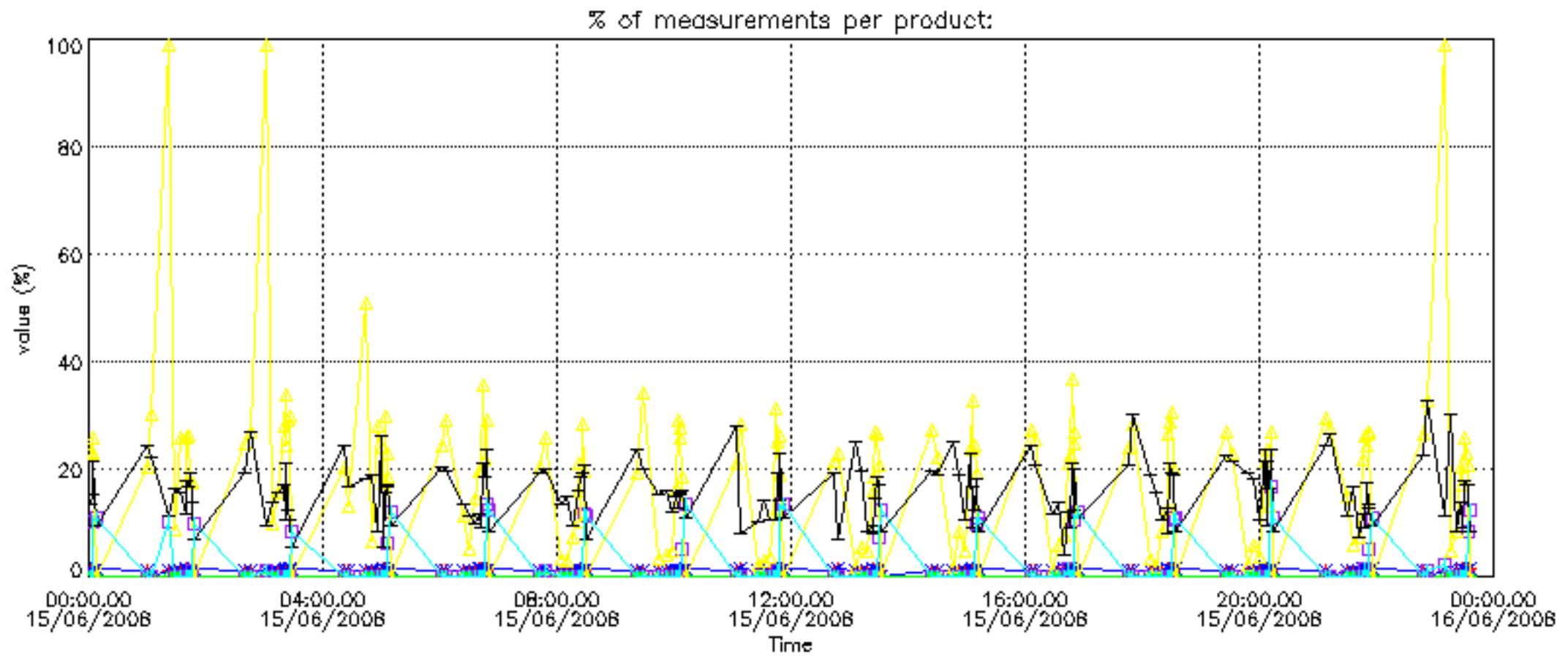
Percentage of flagged data per NO2 profile

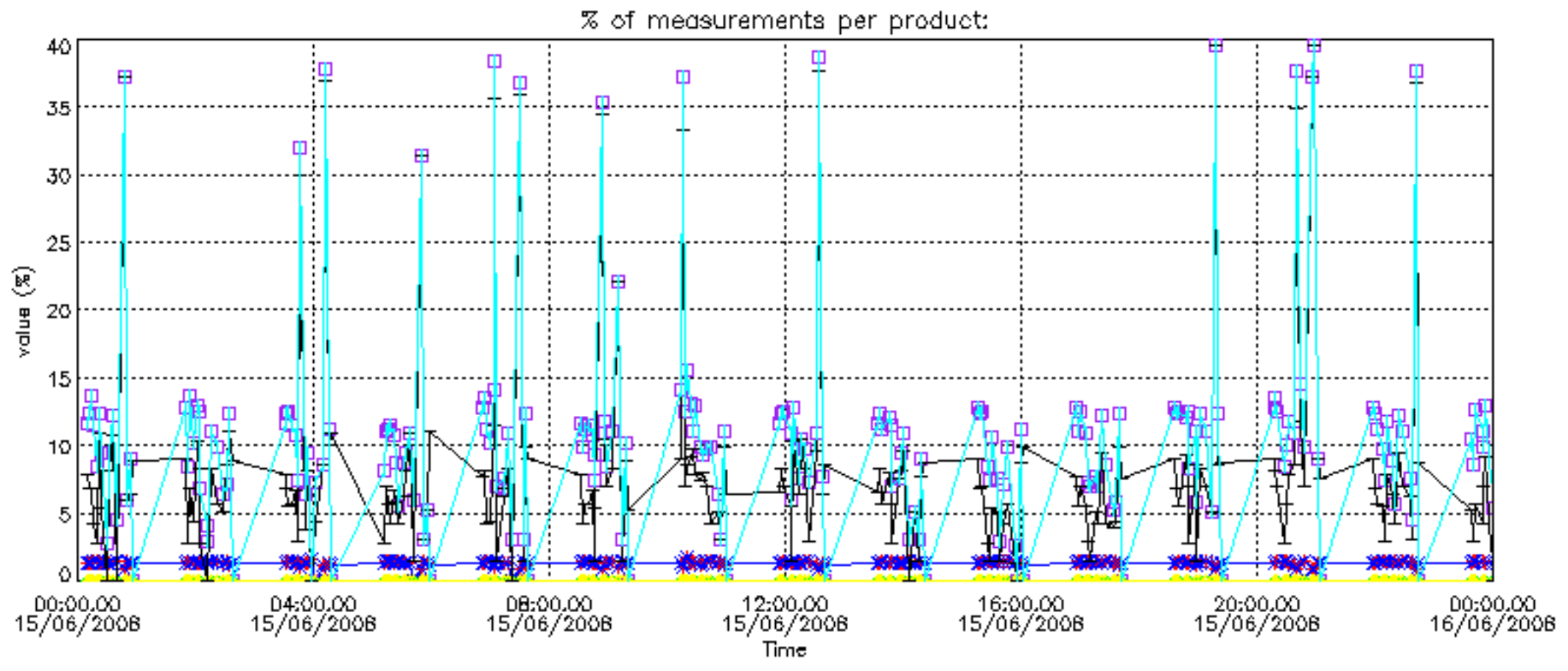


Percentage of flagged data per NO3 profile

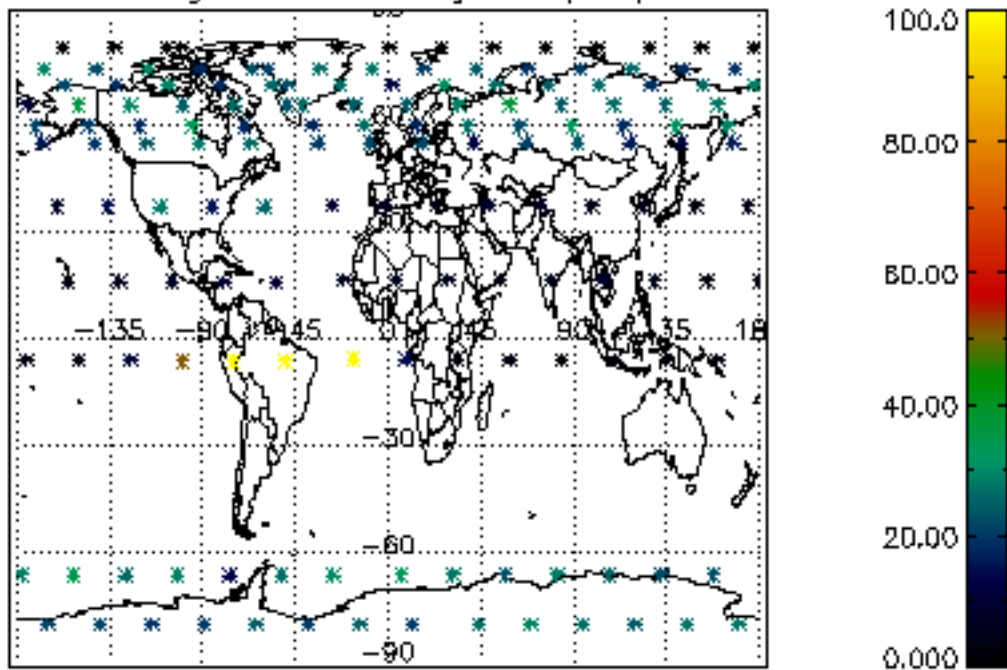




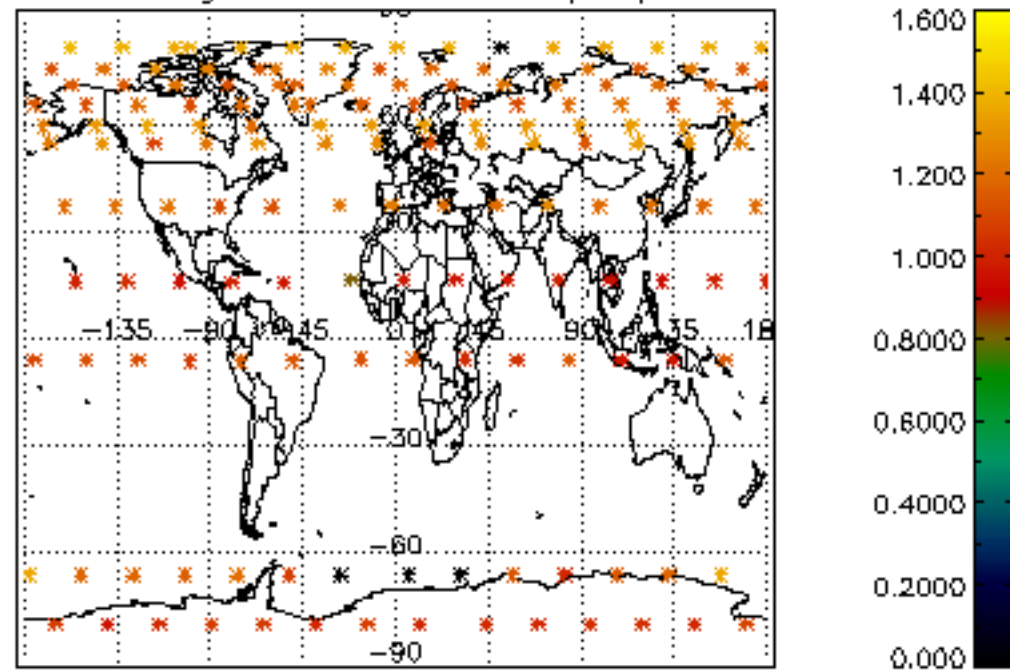




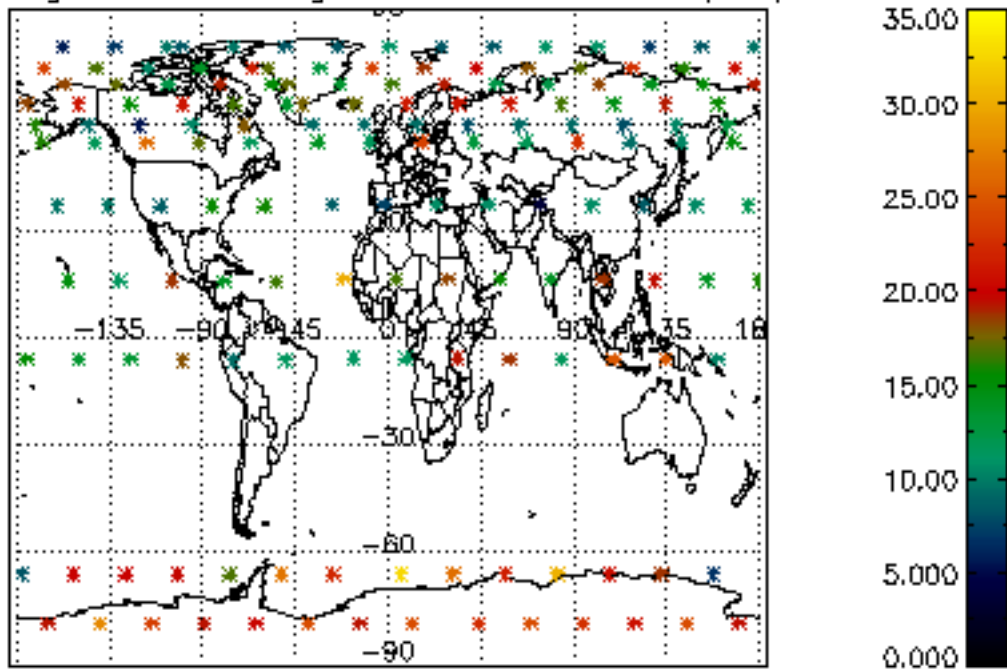
Percentage of cosmic ray hits per profile



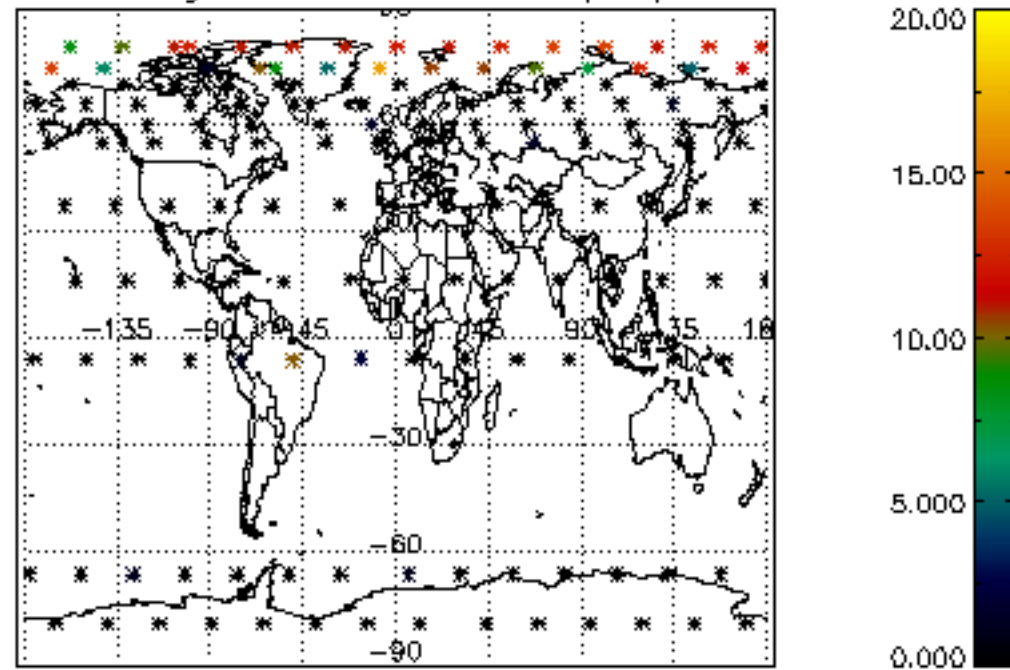
Percentage of datation errors per profile



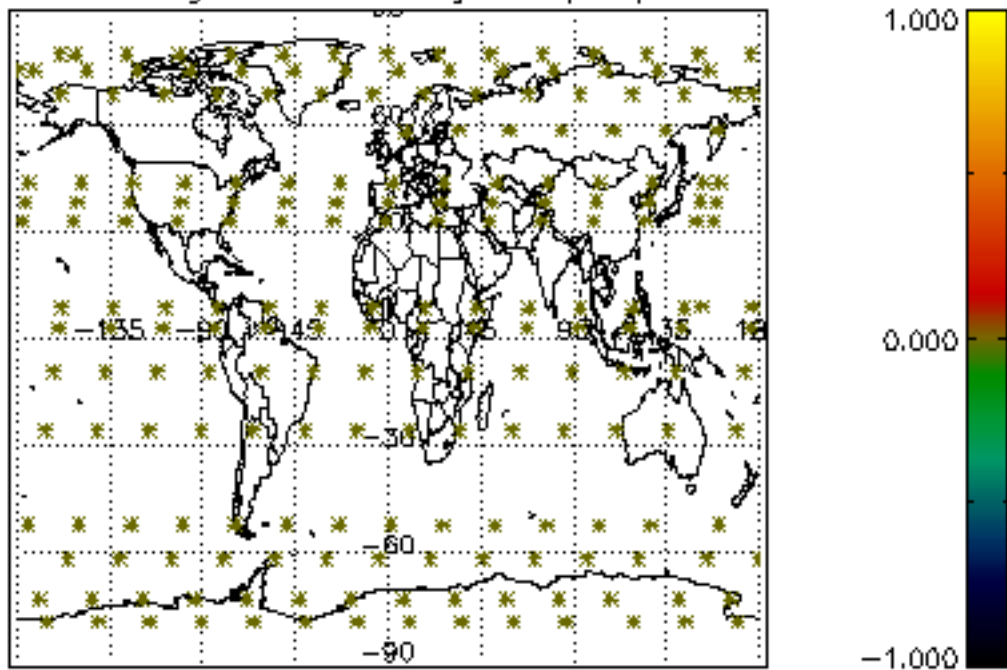
Percentage of star falling outside central band per profile



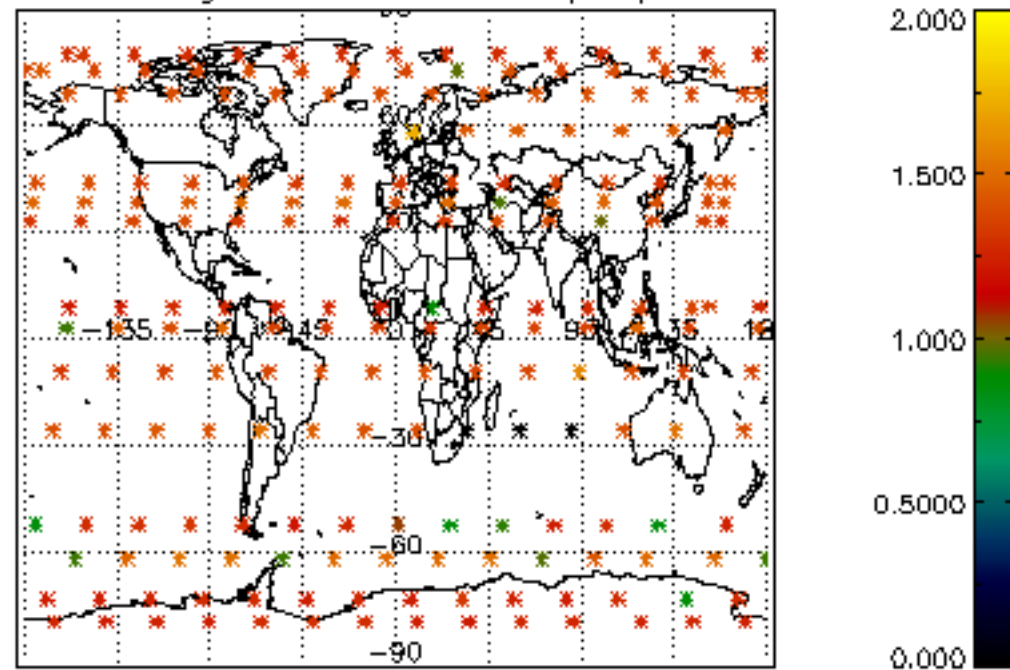
Percentage of saturation errors per profile



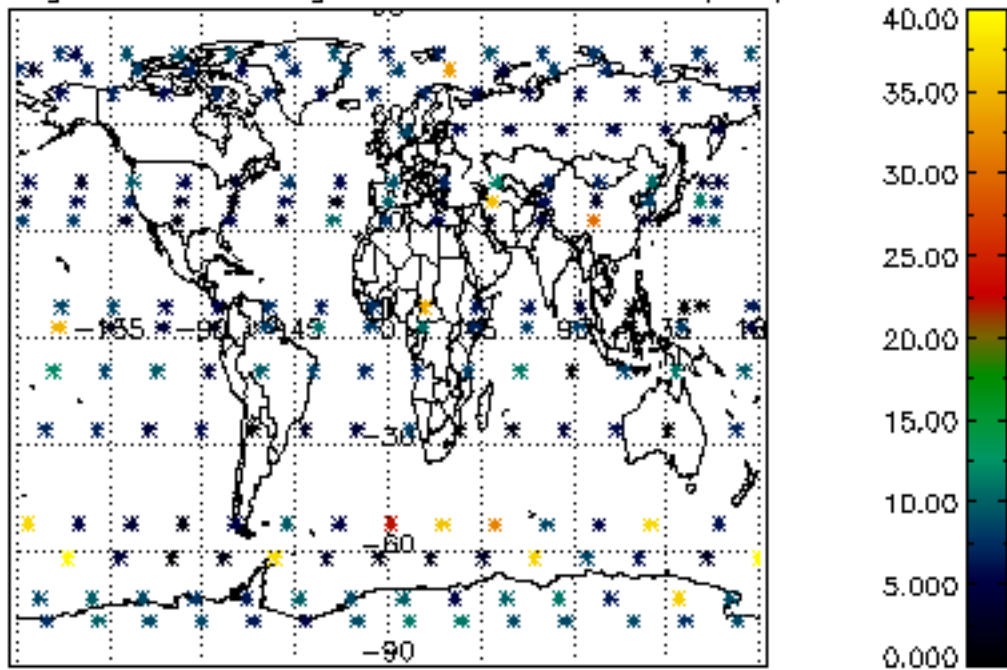
Percentage of cosmic ray hits per profile



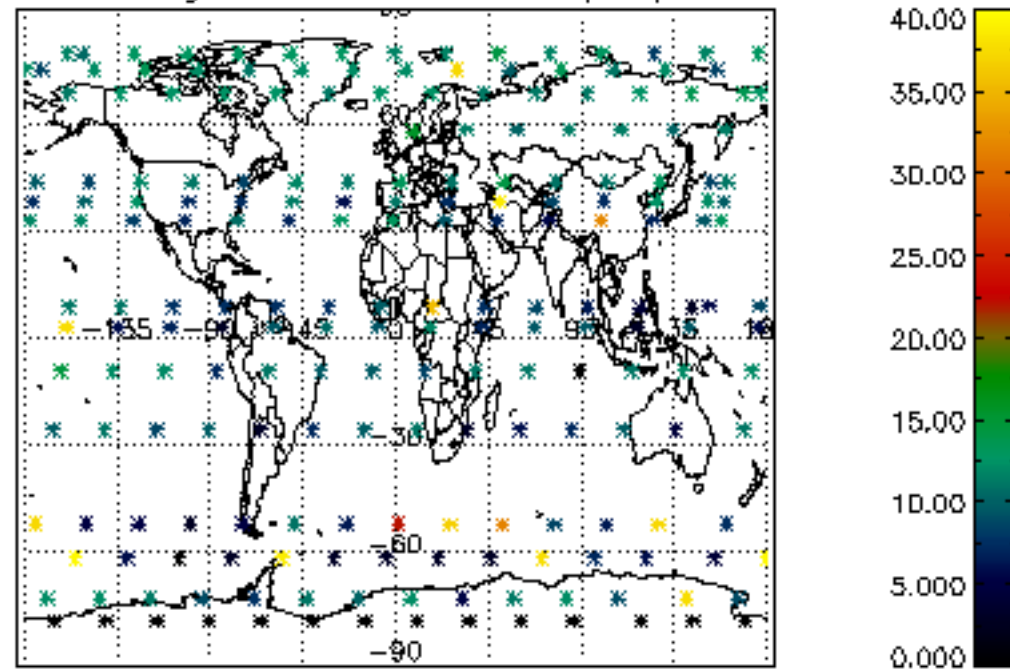
Percentage of datation errors per profile



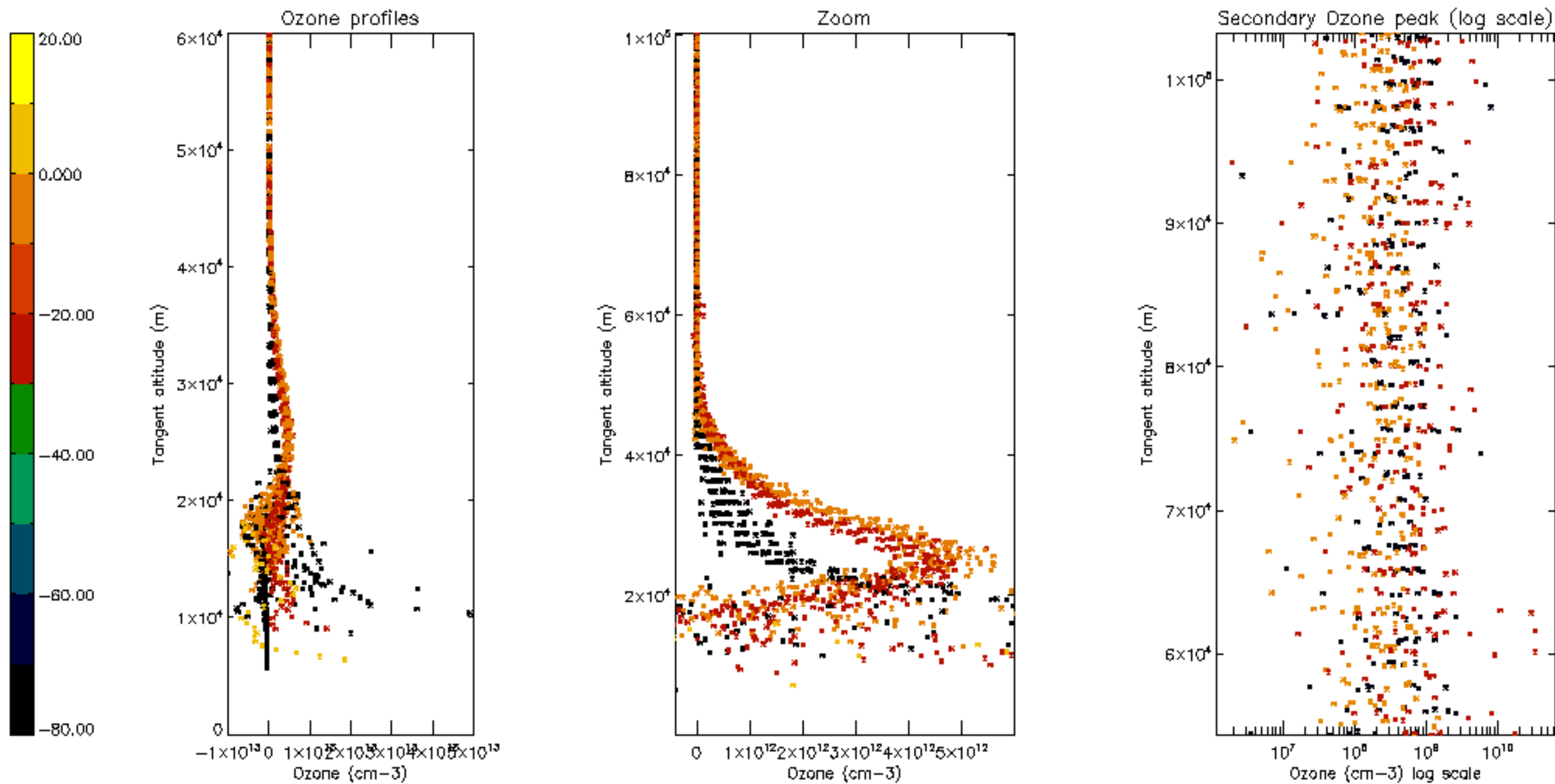
Percentage of star falling outside central band per profile

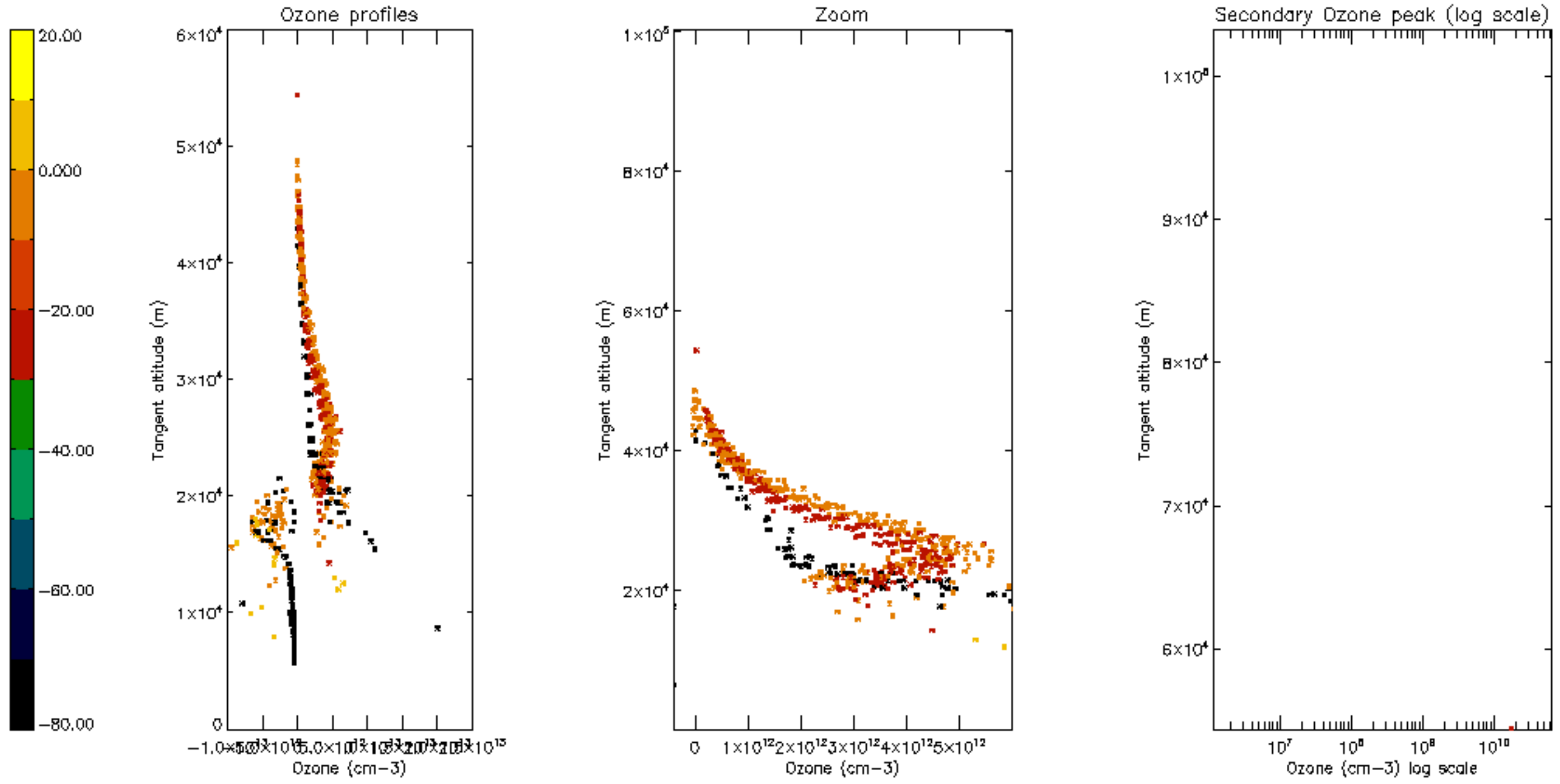


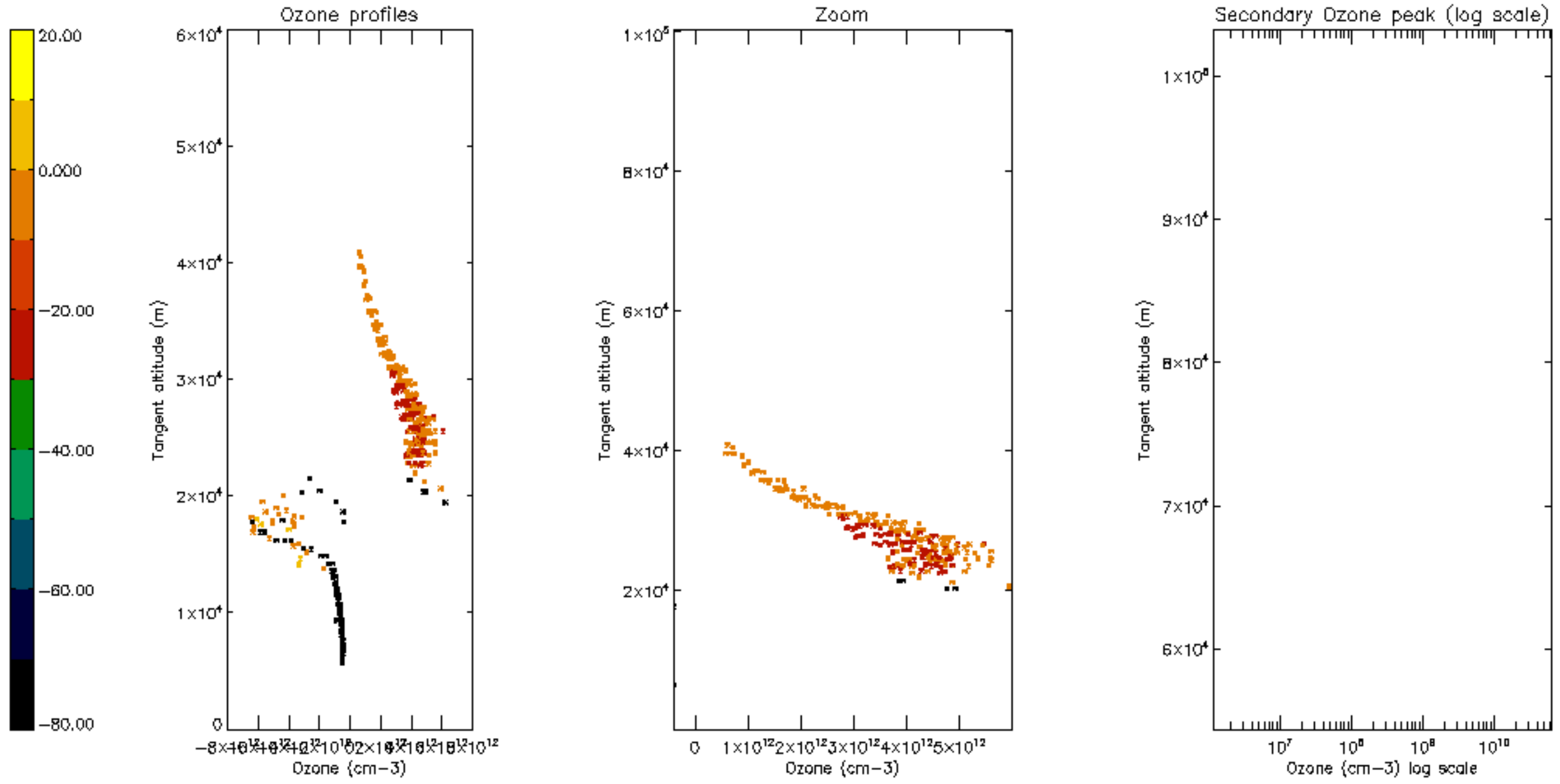
Percentage of saturation errors per profile



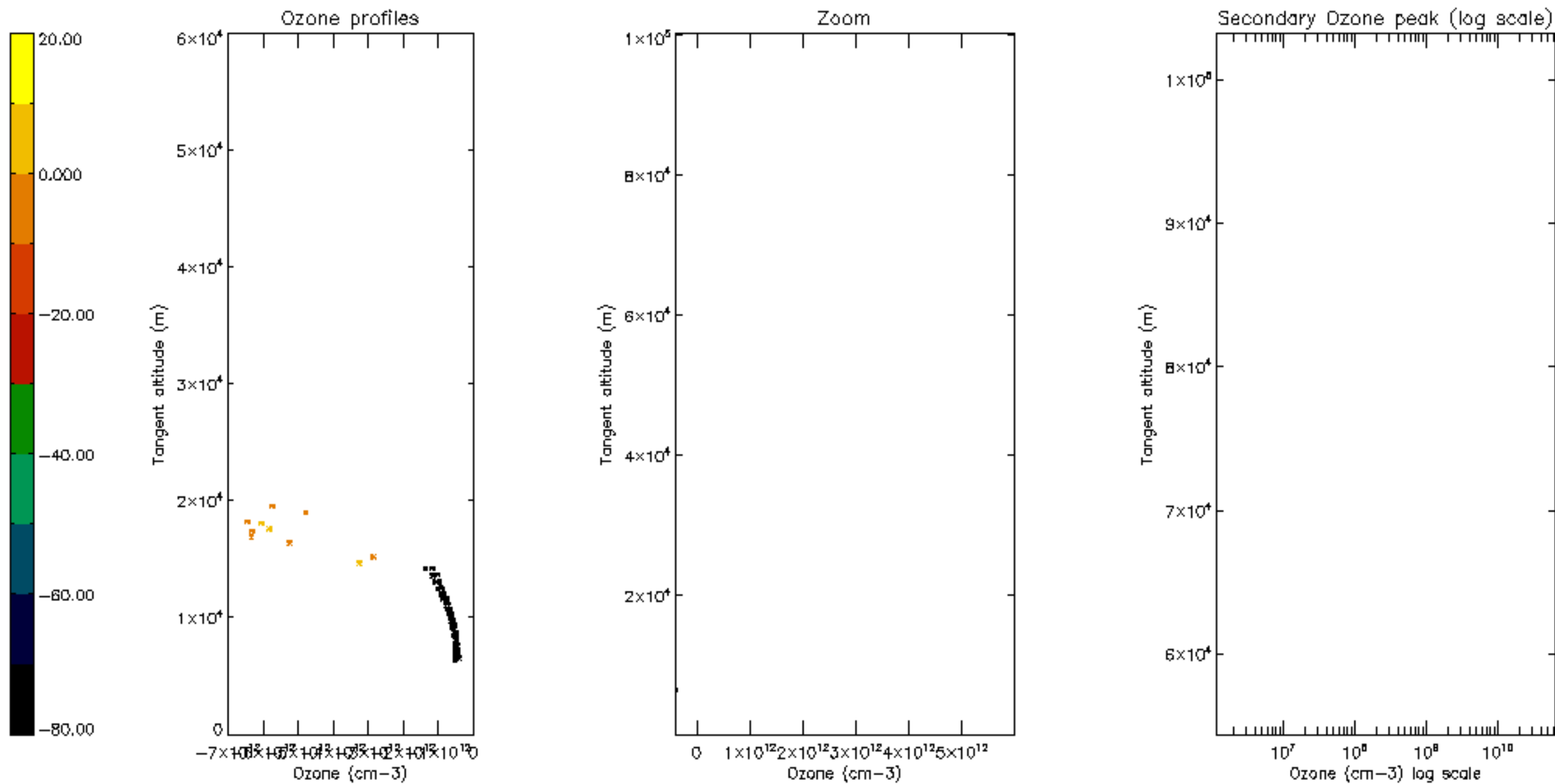


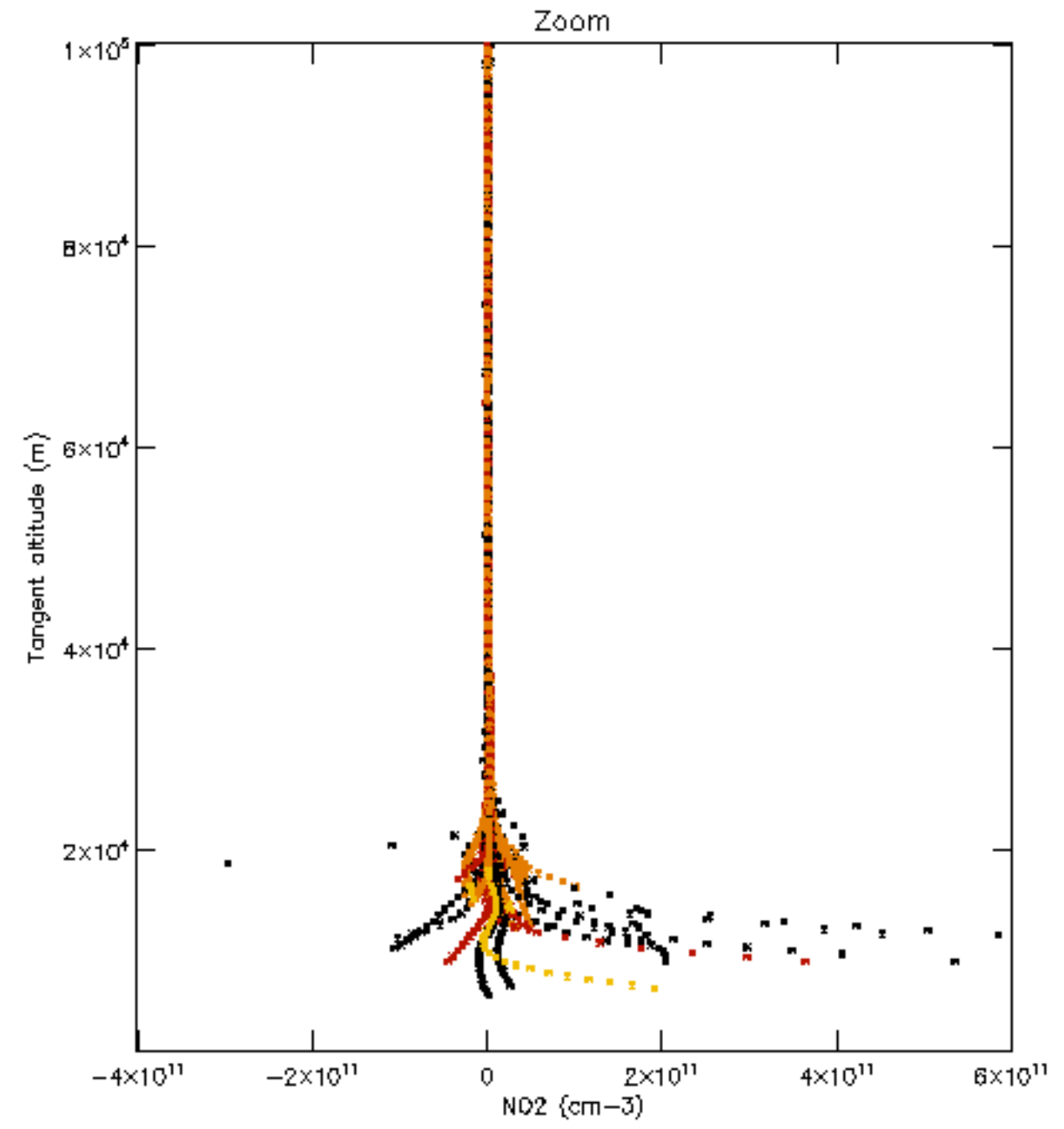
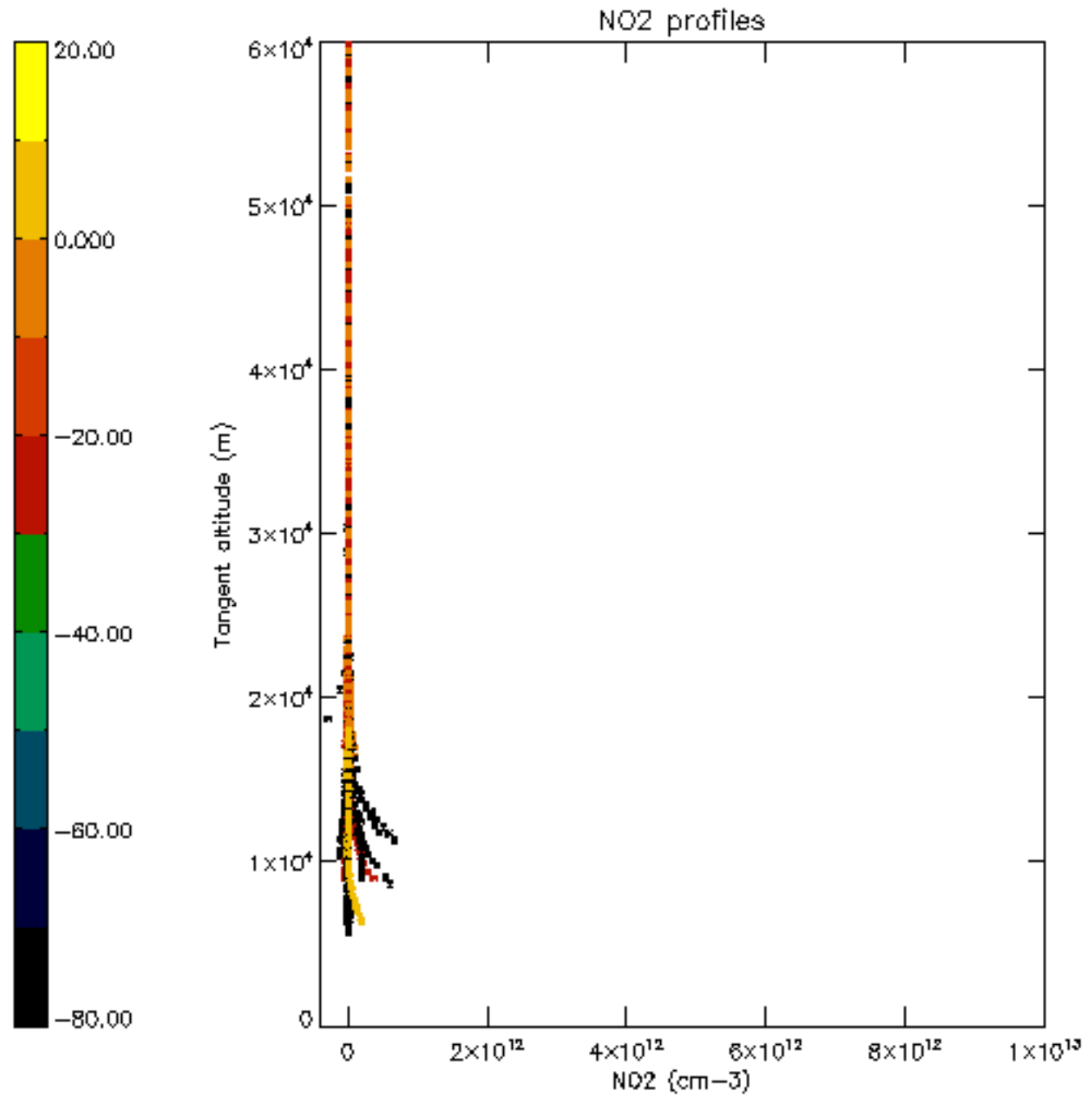


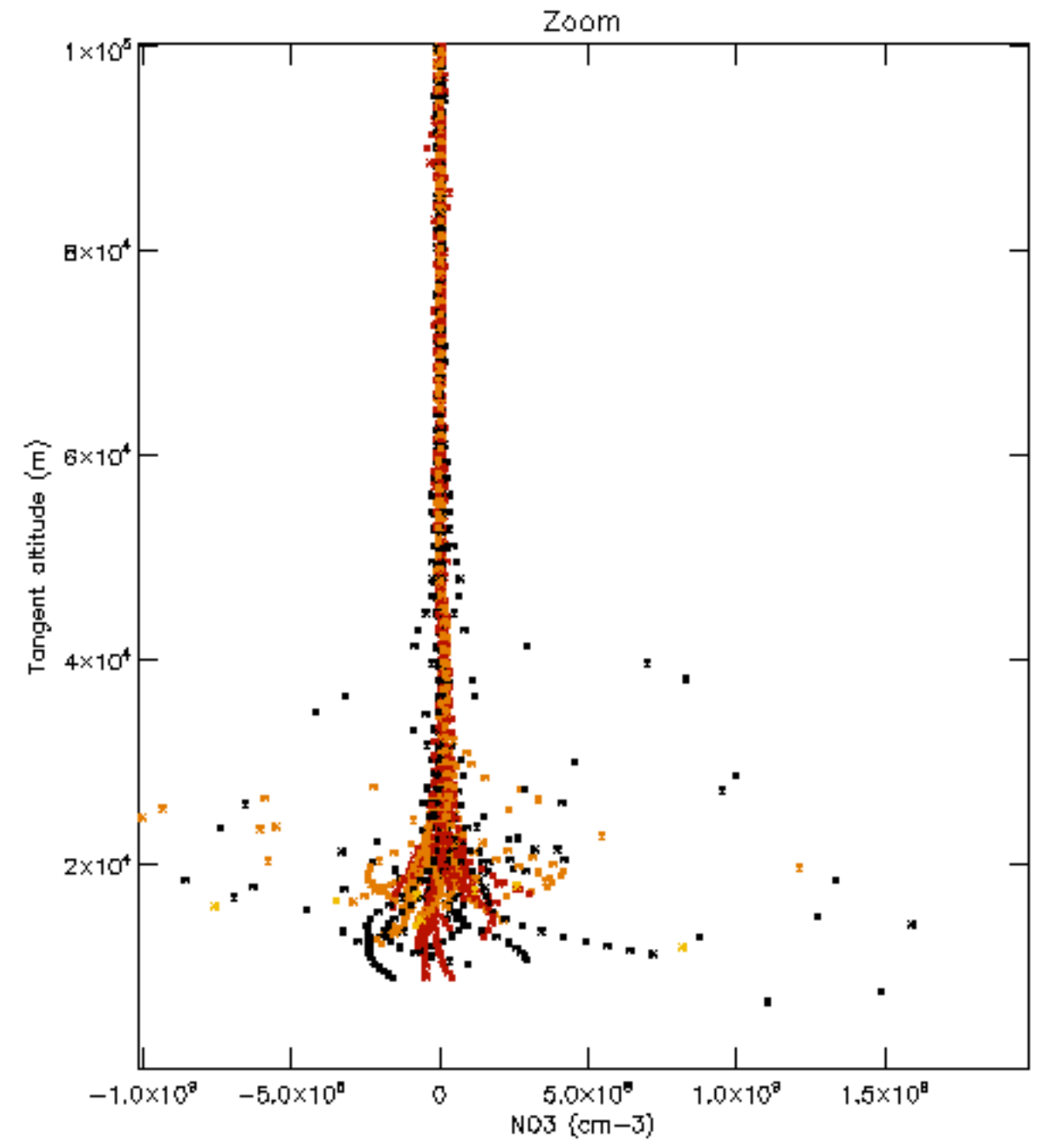
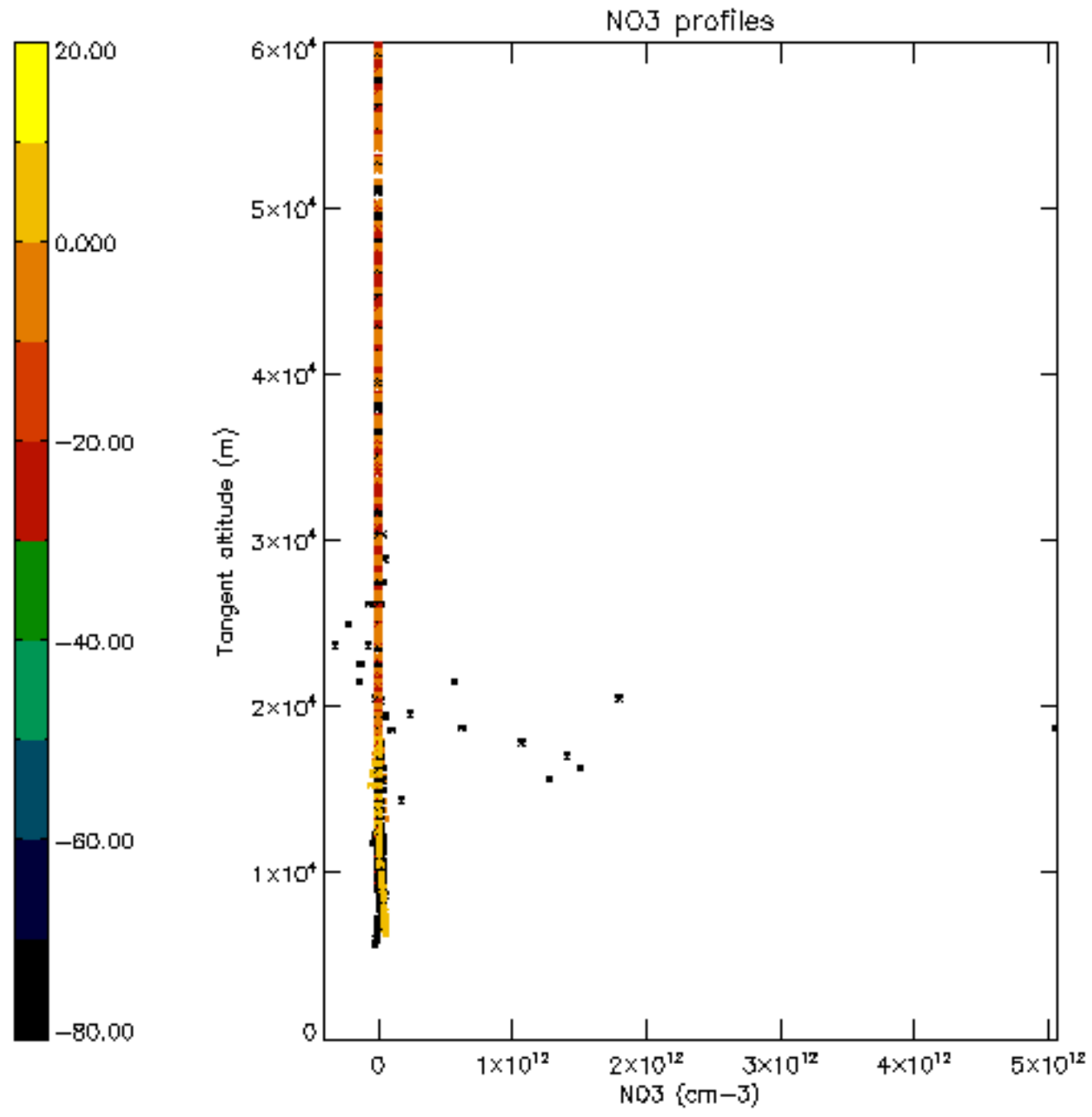


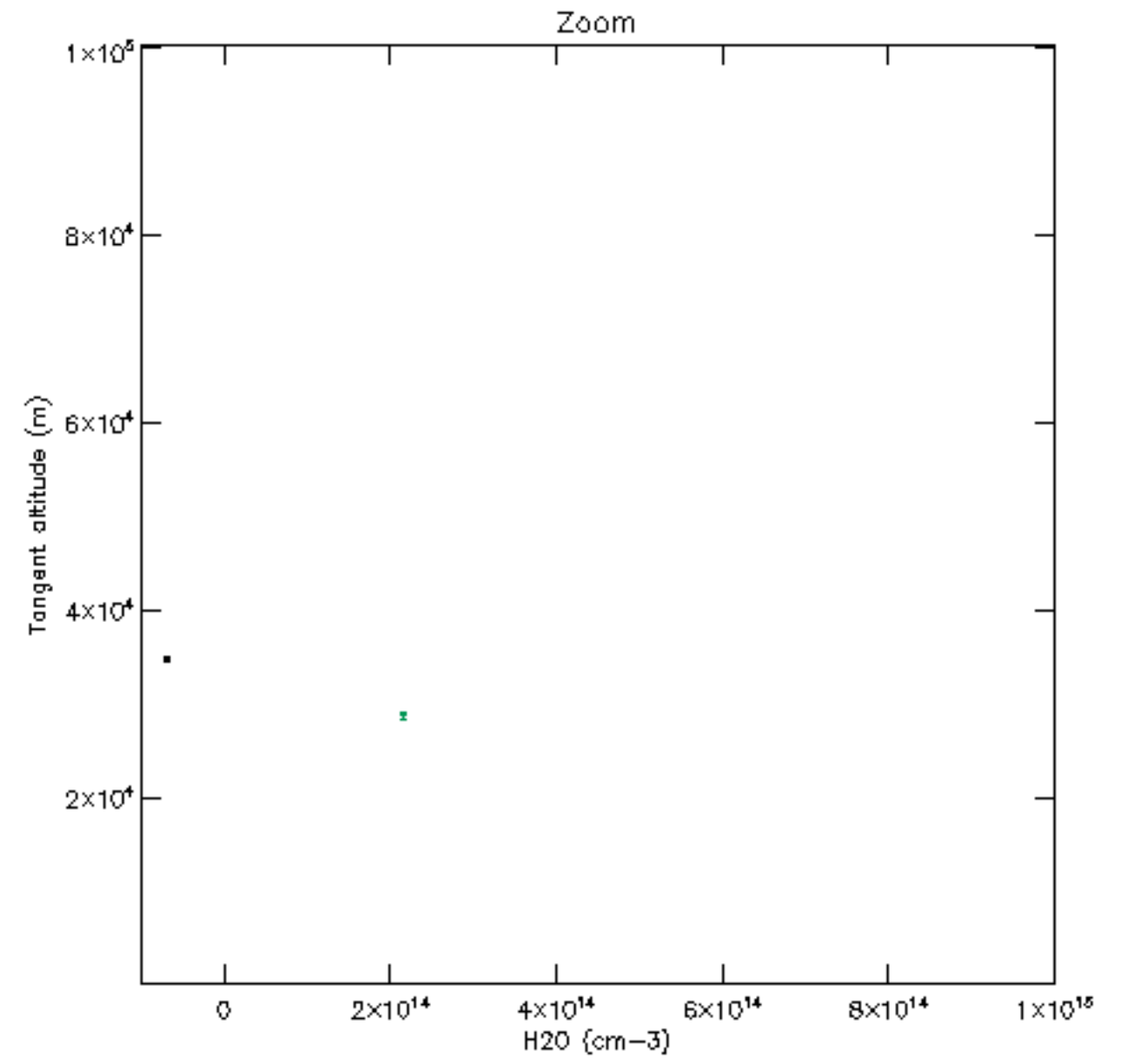
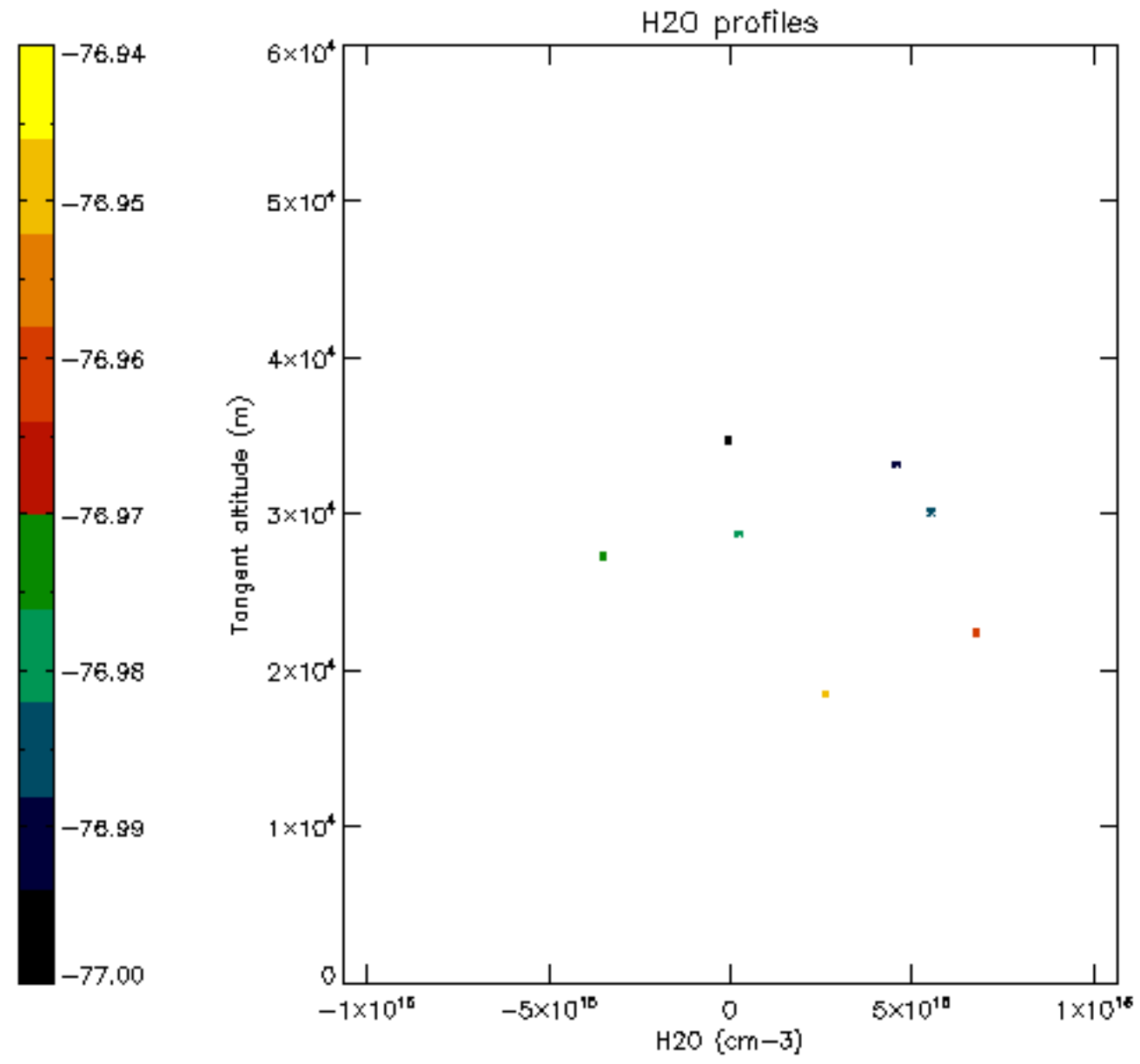




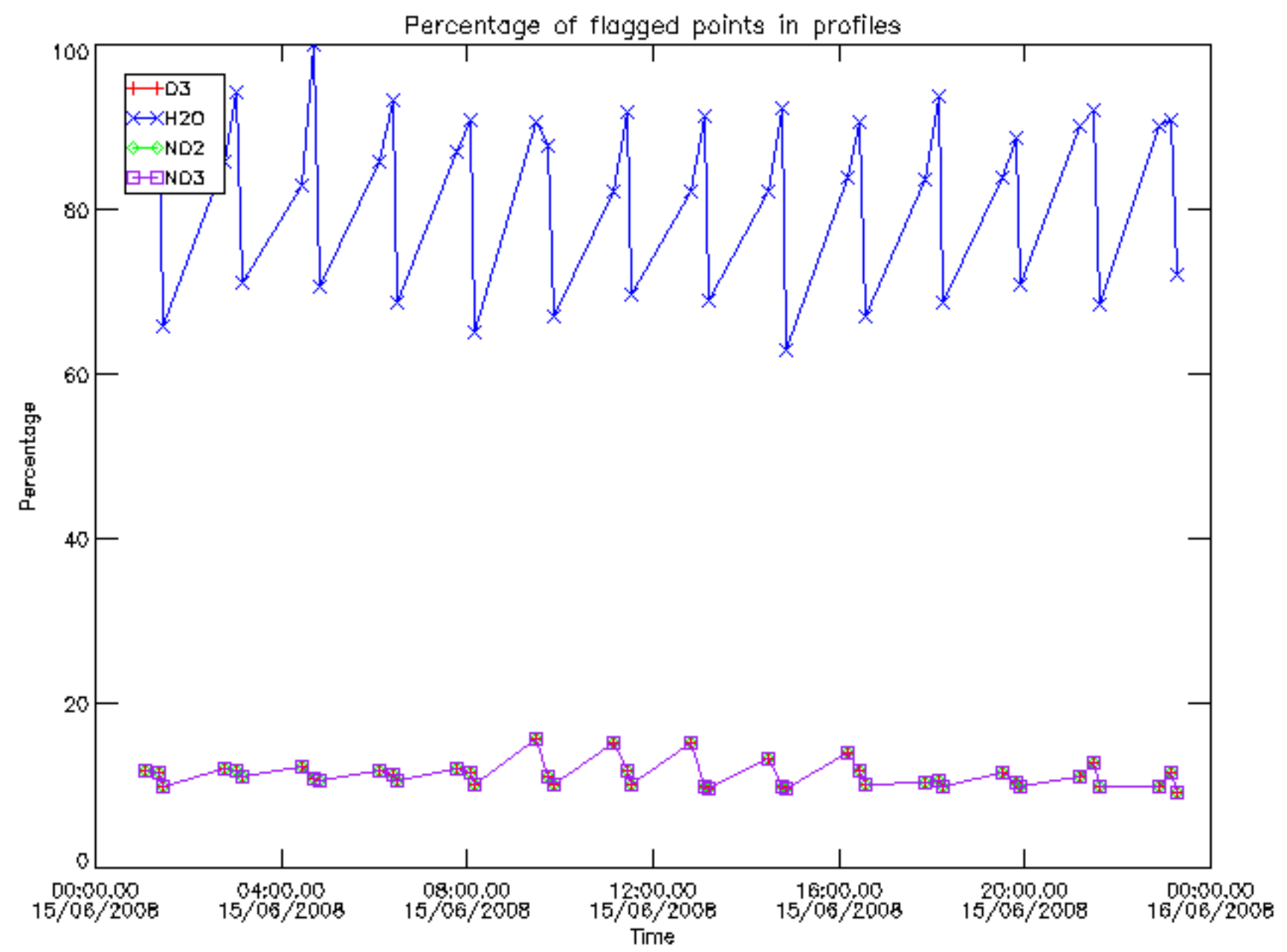




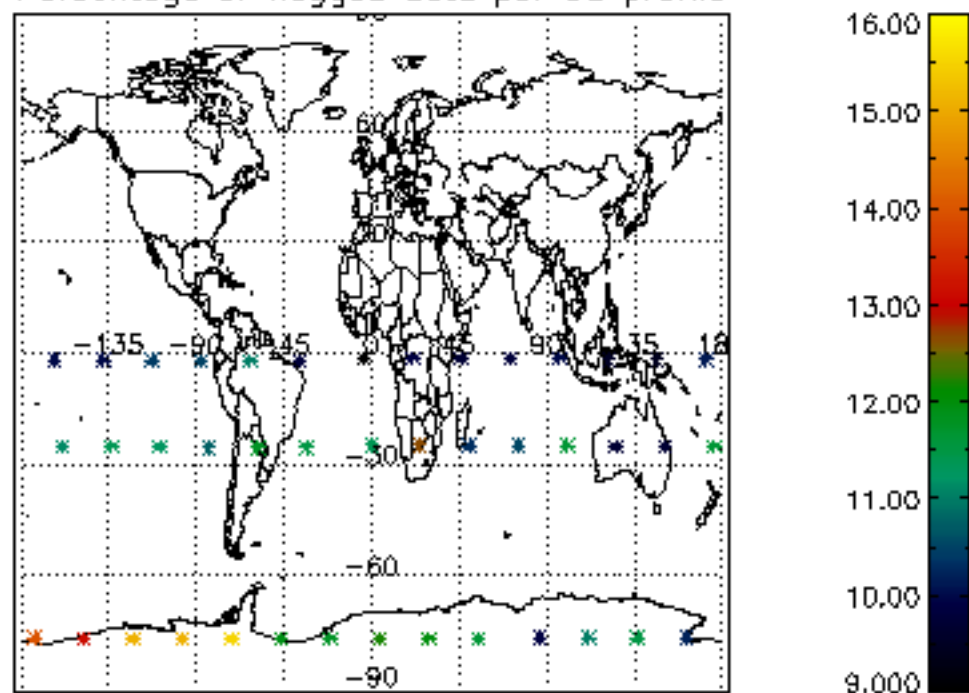




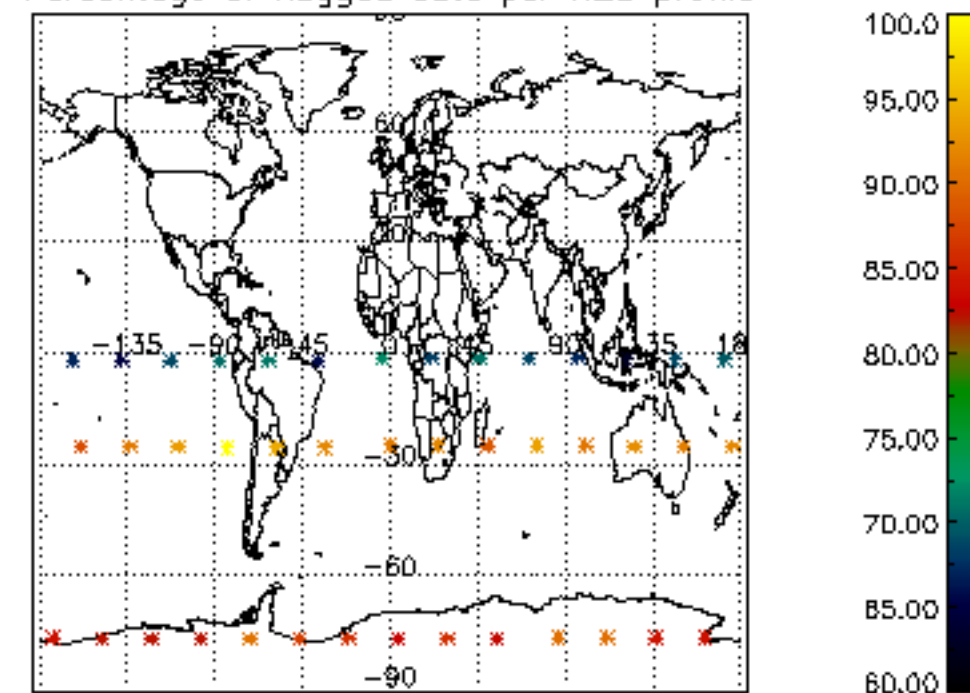




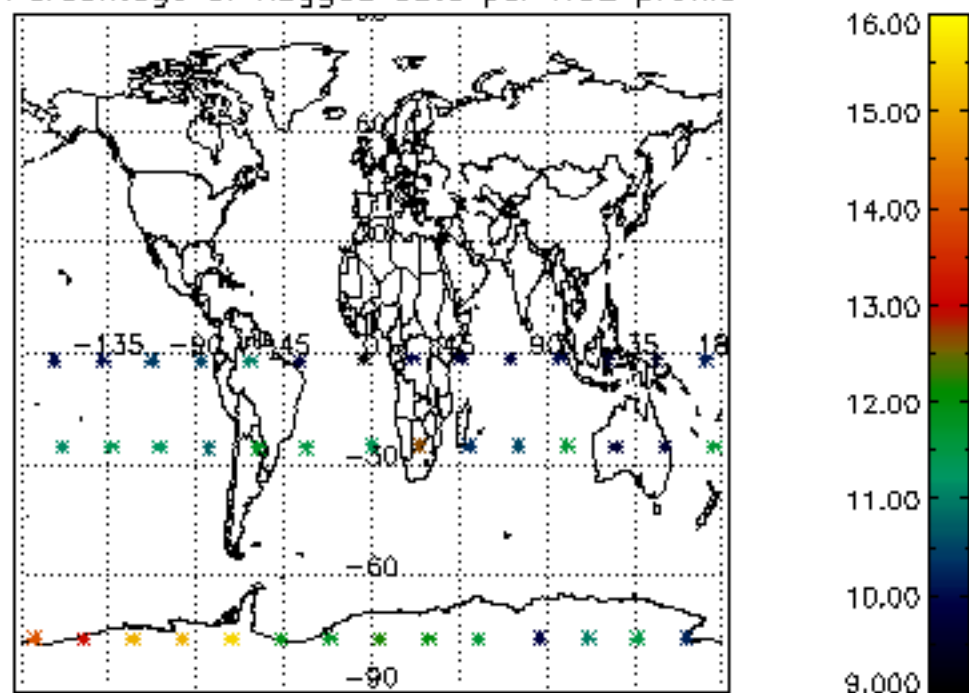
Percentage of flagged data per D3 profile



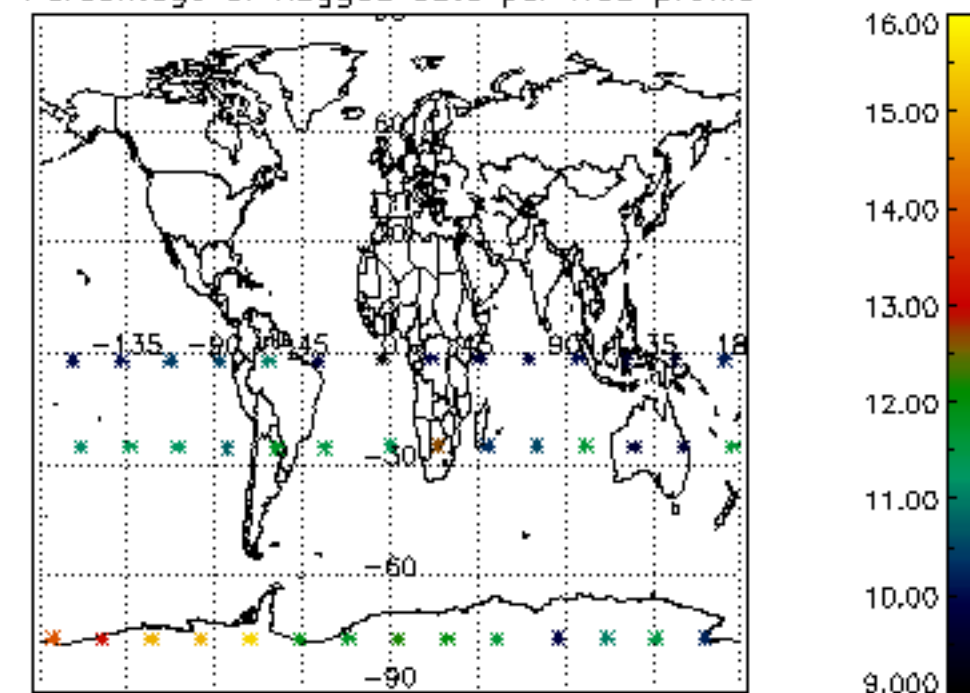
Percentage of flagged data per H2O profile

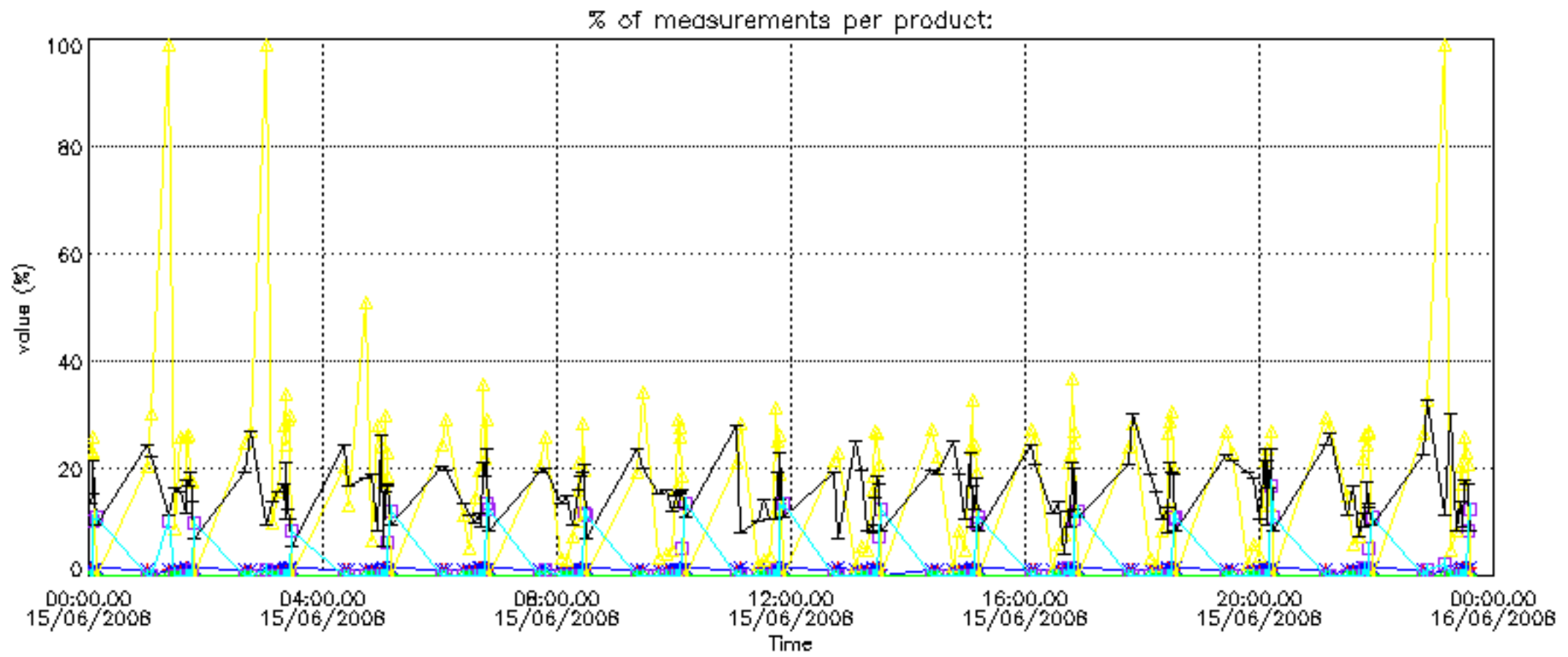


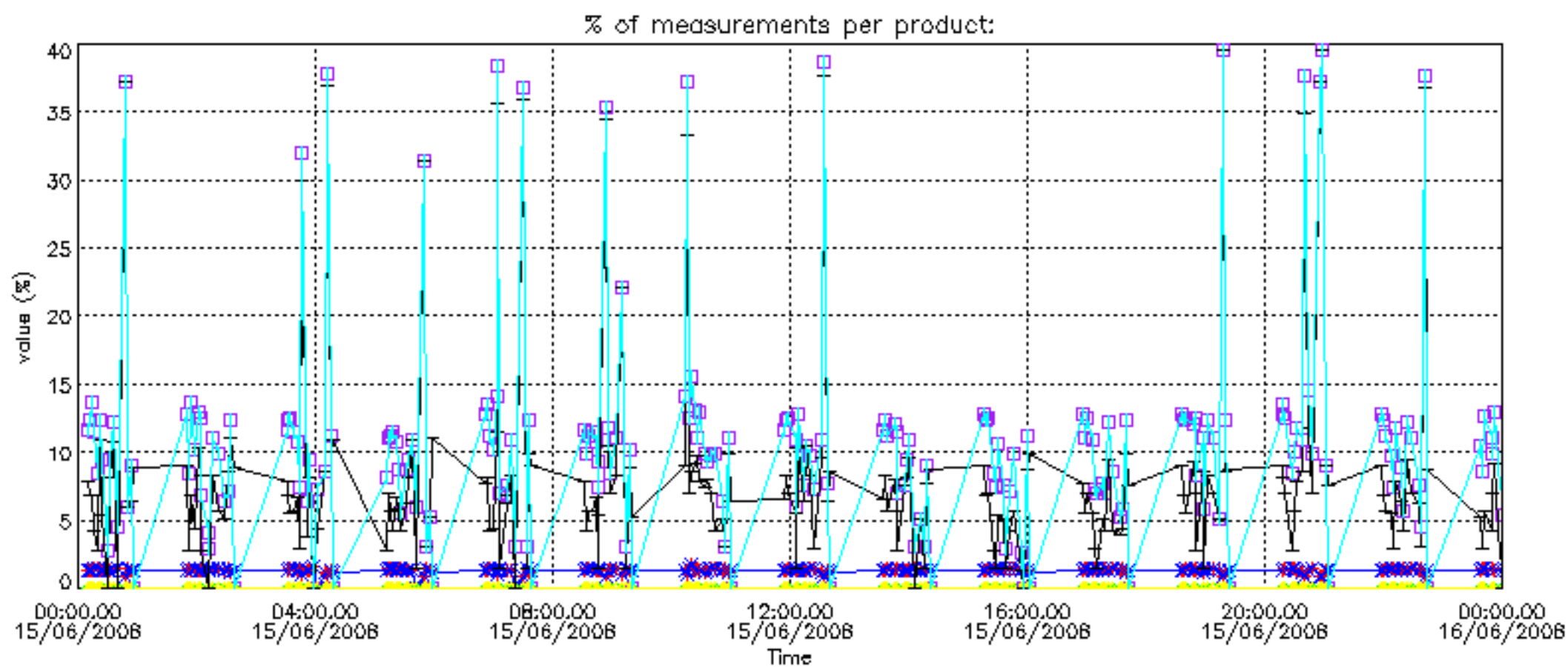
Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

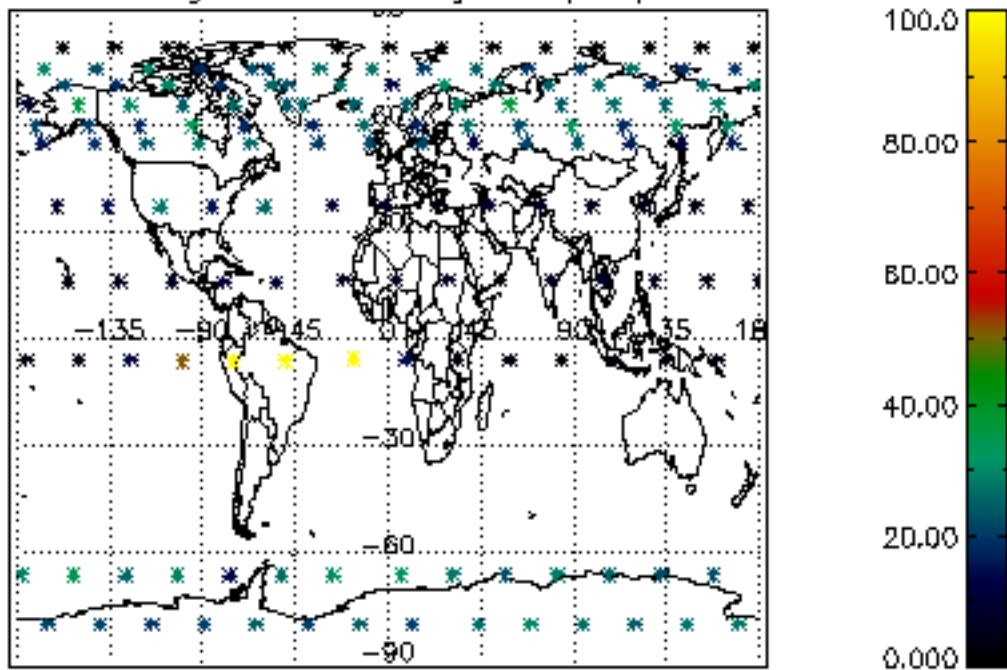




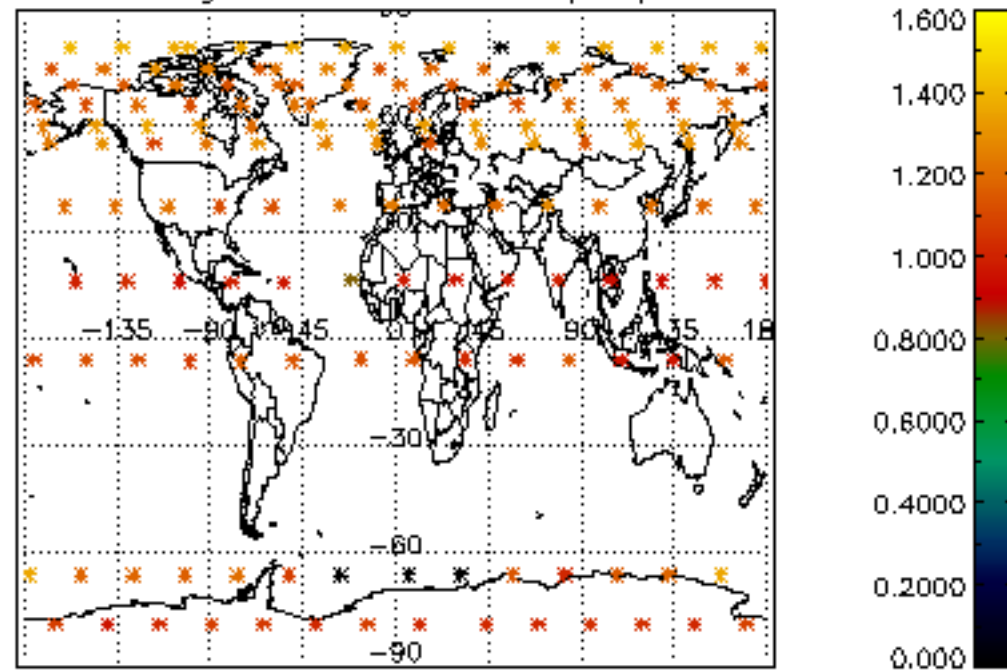




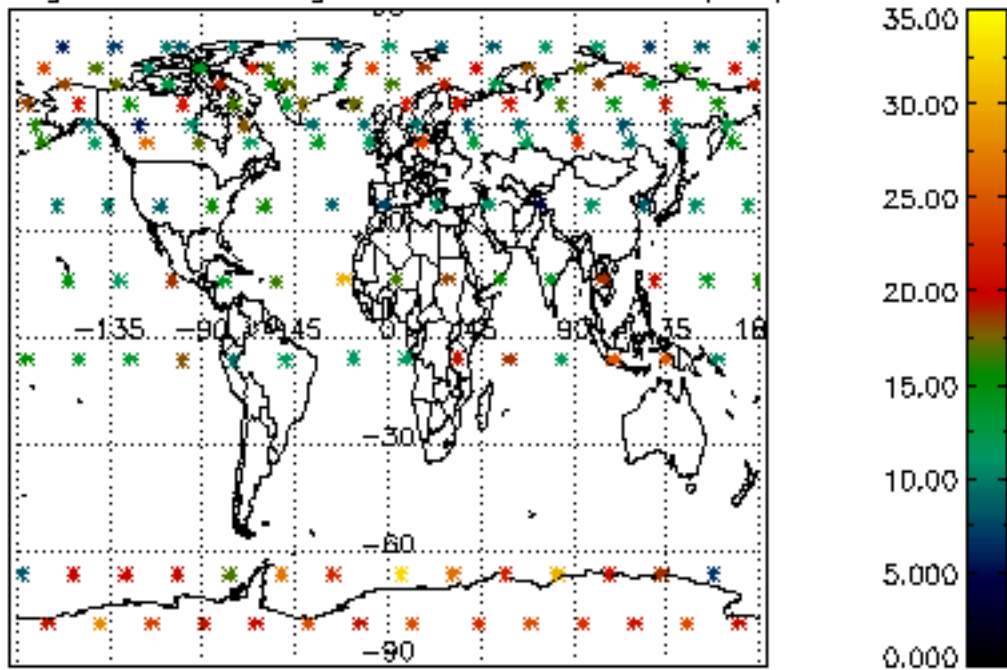
Percentage of cosmic ray hits per profile



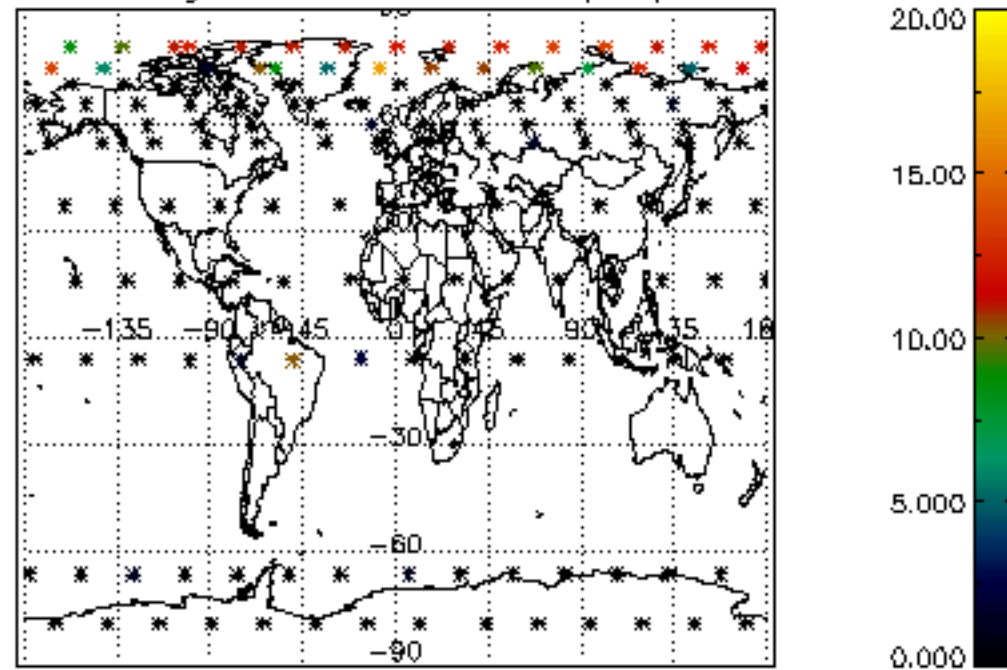
Percentage of datation errors per profile



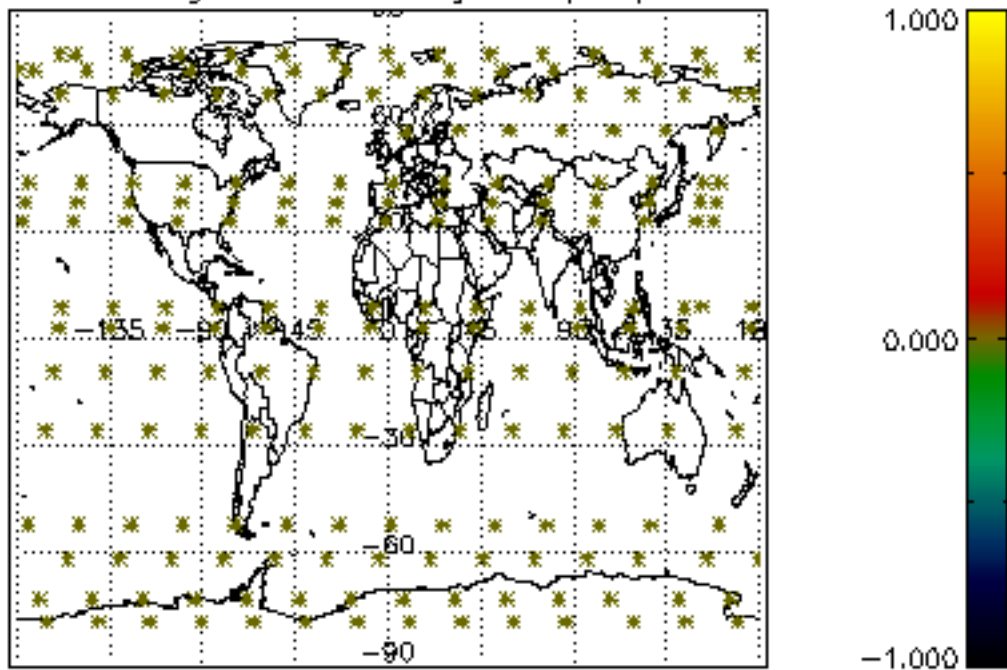
Percentage of star falling outside central band per profile



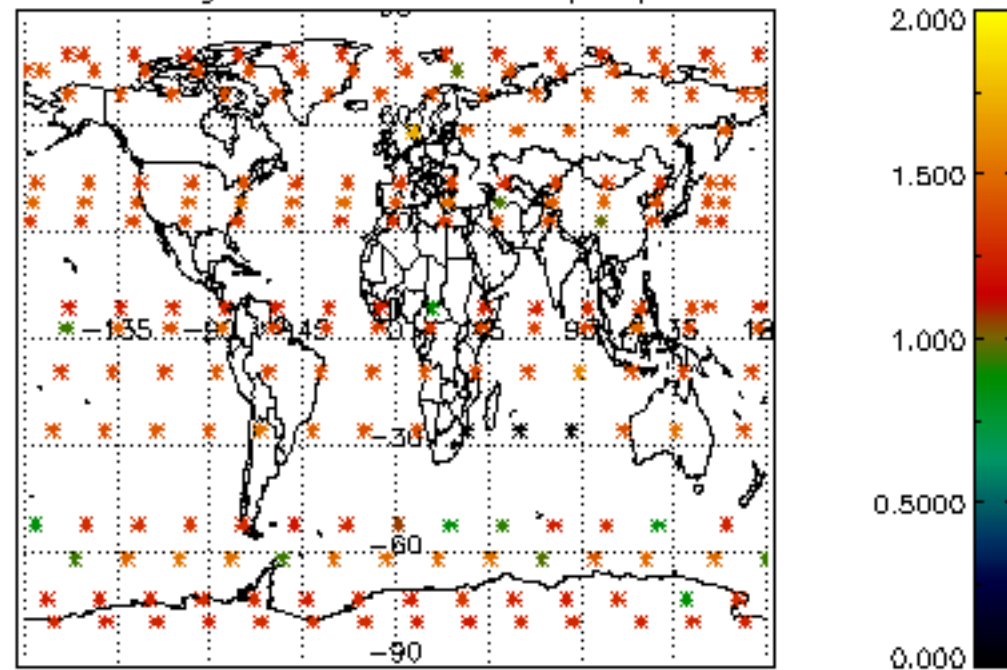
Percentage of saturation errors per profile



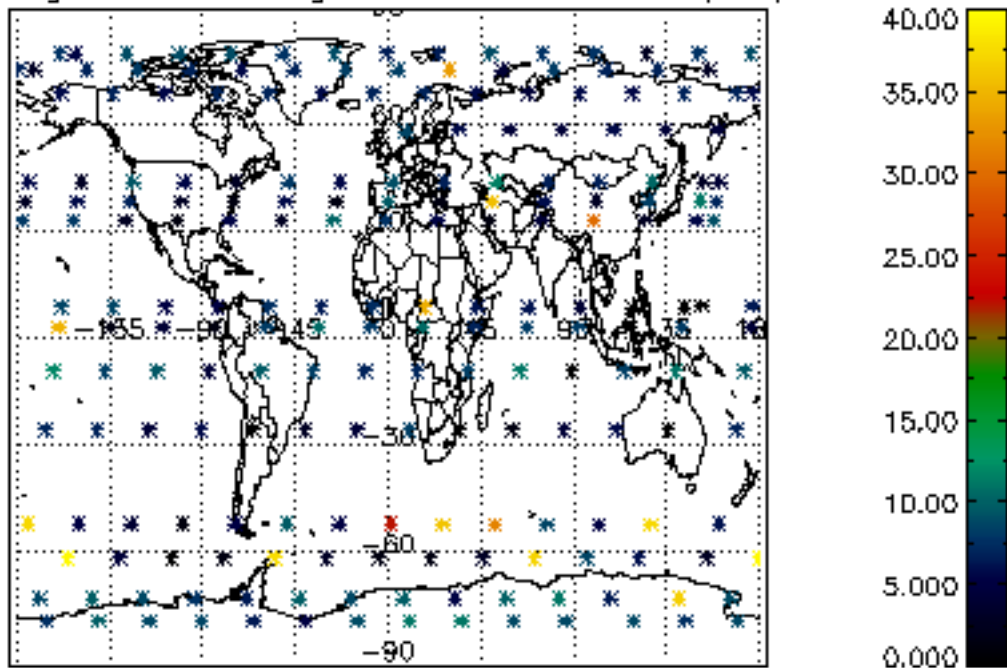
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

