

# GOMOS Level 2 Daily Report

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

Item	Value
Time of report generation	23APR2013 23:26:50
Data source version	GOMOS/6.01
Start time of products	09-06-2006 (09JUN2006 00:00:00)
Stop time of products	10-06-2006 (10JUN2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	262
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__2PRFIN20060609_001058_000000392048_00245_22343_0646.N1	09-JUN-2006 00:10:58	Bright	39.000	76	27Gam Cas	2.3000	30000.	78	22343	No
2	GOM_NL__2PRFIN20060609_001648_000000392048_00245_22343_0647.N1	09-JUN-2006 00:16:48	Bright	38.500	73	57Gam1And	2.2600	13100.	77	22343	No
3	GOM_NL__2PRFIN20060609_001907_000000512048_00245_22343_0648.N1	09-JUN-2006 00:19:07	Bright	50.500	53	43Bet And	2.0480	3300.0	101	22343	No
4	GOM_NL__2PRFIN20060609_002222_000000452048_00245_22343_0649.N1	09-JUN-2006 00:22:22	Twilight	45.000	50	13Alp Ari	2.0070	4250.0	90	22343	No
5	GOM_NL__2PRFIN20060609_003653_000000532048_00245_22343_0650.N1	09-JUN-2006 00:36:53	Dark	52.500	52	16Bet Cet	2.0370	4500.0	105	22343	No
6	GOM_NL__2PRFIN20060609_004325_000000472048_00245_22343_0651.N1	09-JUN-2006 00:43:25	Dark	46.500	84	Alp Phe	2.3970	4500.0	93	22343	No
7	GOM_NL__2PRFIN20060609_004916_000000522048_00246_22344_0633.N1	09-JUN-2006 00:49:16	Dark	51.500	63	Bet Gru	2.1500	2800.0	103	22344	No
8	GOM_NL__2PRFIN20060609_005116_000000492048_00246_22344_0634.N1	09-JUN-2006 00:51:16	Dark	48.500	31	Alp Gru	1.7340	15200.	97	22344	No
9	GOM_NL__2PRFIN20060609_005542_000000422048_00246_22344_0635.N1	09-JUN-2006 00:55:42	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	22344	No
10	GOM_NL__2PRFIN20060609_010420_000000412048_00246_22344_0636.N1	09-JUN-2006 01:04:20	Straylight	41.000	40	The Sco	1.8590	7100.0	82	22344	No
11	GOM_NL__2PRFIN20060609_010605_000000432048_00246_22344_0637.N1	09-JUN-2006 01:06:05	Twilight	42.500	25	35Lam Sco	1.6200	28000.	85	22344	No
12	GOM_NL__2PRFIN20060609_010740_000000452048_00246_22344_0638.N1	09-JUN-2006 01:07:40	Twilight	44.500	75	26Eps Sco	2.2910	4250.0	89	22344	No
13	GOM_NL__2PRFIN20060609_010936_000000382048_00246_22344_0639.N1	09-JUN-2006 01:09:36	Bright	37.500	136	23Tau Sco	2.8220	30000.	75	22344	No
14	GOM_NL__2PRFIN20060609_011301_000000432048_00246_22344_0640.N1	09-JUN-2006 01:13:01	Bright	42.500	86	35Eta Oph	2.4300	10200.	85	22344	No
15	GOM_NL__2PRFIN20060609_011447_000000382048_00246_22344_0641.N1	09-JUN-2006 01:14:47	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	22344	No
16	GOM_NL__2PRFIN20060609_011655_000000382048_00246_22344_0642.N1	09-JUN-2006 01:16:55	Bright	37.500	120	1Del Oph	2.7340	3200.0	75	22344	No
17	GOM_NL__2PRFIN20060609_012430_000000382048_00246_22344_0643.N1	09-JUN-2006 01:24:30	Bright	37.500	127	27Bet Her	2.7810	4700.0	75	22344	No
18	GOM_NL__2PRFIN20060609_012742_000000392048_00246_22344_0644.N1	09-JUN-2006 01:27:42	Bright	38.500	133	40Zet Her	2.8070	6000.0	77	22344	No
19	GOM_NL__2PRFIN20060609_013451_000000412048_00246_22344_0645.N1	09-JUN-2006 01:34:51	Bright	41.000	130	23Bet Dra	2.7990	5800.0	82	22344	No
20	GOM_NL__2PRFIN20060609_015134_000000452048_00246_22344_0646.N1	09-JUN-2006 01:51:34	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	22344	No
21	GOM_NL__2PRFIN20060609_015724_000000372048_00246_22344_0647.N1	09-JUN-2006 01:57:24	Bright	36.500	73	57Gam1And	2.2600	13100.	73	22344	No
22	GOM_NL__2PRFIN20060609_015933_000000362048_00246_22344_0648.N1	09-JUN-2006 01:59:33	Bright	36.000	173	4Bet Tri	3.0040	8900.0	72	22344	No
23	GOM_NL__2PRFIN20060609_020258_000000452048_00246_22344_0649.N1	09-JUN-2006 02:02:58	Twilight	45.000	50	13Alp Ari	2.0070	4250.0	90	22344	No
24	GOM_NL__2PRFIN20060609_021730_000000532048_00246_22344_0650.N1	09-JUN-2006 02:17:30	Dark	52.500	52	16Bet Cet	2.0370	4500.0	105	22344	No
25	GOM_NL__2PRFIN20060609_022402_000000422048_00246_22344_0651.N1	09-JUN-2006 02:24:02	Dark	41.500	84	Alp Phe	2.3970	4500.0	83	22344	No
26	GOM_NL__2PRFIN20060609_022953_000000632048_00247_22345_0634.N1	09-JUN-2006 02:29:53	Dark	62.500	63	Bet Gru	2.1500	2800.0	125	22345	No
27	GOM_NL__2PRFIN20060609_023153_000000502048_00247_22345_0635.N1	09-JUN-2006 02:31:53	Dark	49.500	31	Alp Gru	1.7340	15200.	99	22345	No
28	GOM_NL__2PRFIN20060609_023618_000000432048_00247_22345_0636.N1	09-JUN-2006 02:36:18	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	22345	No
29	GOM_NL__2PRFIN20060609_024456_000000472048_00247_22345_0637.N1	09-JUN-2006 02:44:56	Straylight	46.500	40	The Sco	1.8590	7100.0	93	22345	No
30	GOM_NL__2PRFIN20060609_024641_000000462048_00247_22345_0638.N1	09-JUN-2006 02:46:41	Twilight	45.500	25	35Lam Sco	1.6200	28000.	91	22345	No
31	GOM_NL__2PRFIN20060609_024816_000000442048_00247_22345_0639.N1	09-JUN-2006 02:48:16	Twilight	43.500	75	26Eps Sco	2.2910	4250.0	87	22345	No
32	GOM_NL__2PRFIN20060609_025013_000000382048_00247_22345_0640.N1	09-JUN-2006 02:50:13	Bright	38.000	136	23Tau Sco	2.8220	30000.	76	22345	No
33	GOM_NL__2PRFIN20060609_025337_000000422048_00247_22345_0641.N1	09-JUN-2006 02:53:37	Bright	42.000	86	35Eta Oph	2.4300	10200.	84	22345	No
34	GOM_NL__2PRFIN20060609_025524_000000382048_00247_22345_0642.N1	09-JUN-2006 02:55:24	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	22345	No
35	GOM_NL__2PRFIN20060609_025731_000000372048_00247_22345_0643.N1	09-JUN-2006 02:57:31	Bright	37.000	120	1Del Oph	2.7340	3200.0	74	22345	No
36	GOM_NL__2PRFIN20060609_030505_000000412048_00247_22345_0644.N1	09-JUN-2006 03:05:05	Bright	40.500	127	27Bet Her	2.7810	4700.0	81	22345	No
37	GOM_NL__2PRFIN20060609_030818_000000392048_00247_22345_0645.N1	09-JUN-2006 03:08:18	Bright	39.000	133	40Zet Her	2.8070	6000.0	78	22345	No
38	GOM_NL__2PRFIN20060609_031527_000000392048_00247_22345_0646.N1	09-JUN-2006 03:15:27	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	22345	No
39	GOM_NL__2PRFIN20060609_033210_000000382048_00247_22345_0647.N1	09-JUN-2006 03:32:10	Bright	37.500	76	27Gam Cas	2.3000	30000.	75	22345	No
40	GOM_NL__2PRFIN20060609_033800_000000382048_00247_22345_0648.N1	09-JUN-2006 03:38:00	Bright	38.000	73	57Gam1And	2.2600	13100.	76	22345	No
41	GOM_NL__2PRFIN20060609_034009_000000372048_00247_22345_0649.N1	09-JUN-2006 03:40:09	Bright	36.500	173	4Bet Tri	3.0040	8900.0	73	22345	No
42	GOM_NL__2PRFIN20060609_034334_000000452048_00247_22345_0650.N1	09-JUN-2006 03:43:34	Twilight	45.000	50	13Alp Ari	2.0070	4250.0	90	22345	No

43	GOM_NL__2PRFIN20060609_035807_000000552048_00247_22345_0651.N1	09-JUN-2006 03:58:07	Dark	55.000	52	16Bet Cet	2.0370	4500.0	110	22345	No
44	GOM_NL__2PRFIN20060609_040438_000000472048_00247_22345_0652.N1	09-JUN-2006 04:04:38	Dark	46.500	84	Alp Phe	2.3970	4500.0	93	22345	No
45	GOM_NL__2PRFIN20060609_041030_000000512048_00248_22346_0634.N1	09-JUN-2006 04:10:30	Dark	50.500	63	Bet Gru	2.1500	2800.0	101	22346	No
46	GOM_NL__2PRFIN20060609_041230_000000482048_00248_22346_0635.N1	09-JUN-2006 04:12:30	Dark	47.500	31	Alp Gru	1.7340	15200.	95	22346	No
47	GOM_NL__2PRFIN20060609_041655_000000442048_00248_22346_0636.N1	09-JUN-2006 04:16:55	Straylight	44.000	45	Alp Pav	1.9400	26000.	88	22346	No
48	GOM_NL__2PRFIN20060609_042533_000000442048_00248_22346_0637.N1	09-JUN-2006 04:25:33	Straylight	44.000	40	The Sco	1.8590	7100.0	88	22346	No
49	GOM_NL__2PRFIN20060609_042718_000000442048_00248_22346_0638.N1	09-JUN-2006 04:27:18	Tw_i_and_stray	43.500	25	35Lam Sco	1.6200	28000.	87	22346	No
50	GOM_NL__2PRFIN20060609_042853_000000432048_00248_22346_0639.N1	09-JUN-2006 04:28:53	Tw_i_and_stray	42.500	75	26Eps Sco	2.2910	4250.0	85	22346	No
51	GOM_NL__2PRFIN20060609_043049_000000382048_00248_22346_0640.N1	09-JUN-2006 04:30:49	Bright	38.000	136	23Tau Sco	2.8220	30000.	76	22346	No
52	GOM_NL__2PRFIN20060609_043413_000000422048_00248_22346_0641.N1	09-JUN-2006 04:34:13	Bright	41.500	86	35Eta Oph	2.4300	10200.	83	22346	No
53	GOM_NL__2PRFIN20060609_043600_000000392048_00248_22346_0642.N1	09-JUN-2006 04:36:00	Bright	39.000	98	13Zet Oph	2.5710	30000.	78	22346	No
54	GOM_NL__2PRFIN20060609_043807_000000372048_00248_22346_0643.N1	09-JUN-2006 04:38:07	Bright	36.500	120	1Del Oph	2.7340	3200.0	73	22346	No
55	GOM_NL__2PRFIN20060609_044541_000000402048_00248_22346_0644.N1	09-JUN-2006 04:45:41	Bright	40.000	127	27Bet Her	2.7810	4700.0	80	22346	No
56	GOM_NL__2PRFIN20060609_044854_000000412048_00248_22346_0645.N1	09-JUN-2006 04:48:54	Bright	41.000	133	40Zet Her	2.8070	6000.0	82	22346	No
57	GOM_NL__2PRFIN20060609_045602_000000422048_00248_22346_0646.N1	09-JUN-2006 04:56:02	Bright	42.000	130	23Bet Dra	2.7990	5800.0	84	22346	No
58	GOM_NL__2PRFIN20060609_051246_000000372048_00248_22346_0647.N1	09-JUN-2006 05:12:46	Bright	37.000	76	27Gam Cas	2.3000	30000.	74	22346	No
59	GOM_NL__2PRFIN20060609_051836_000000382048_00248_22346_0648.N1	09-JUN-2006 05:18:36	Bright	37.500	73	57Gam1And	2.2600	13100.	75	22346	No
60	GOM_NL__2PRFIN20060609_052055_000000552048_00248_22346_0649.N1	09-JUN-2006 05:20:55	Bright	55.000	53	43Bet And	2.0480	3300.0	110	22346	No
61	GOM_NL__2PRFIN20060609_052410_000000442048_00248_22346_0650.N1	09-JUN-2006 05:24:10	Twilight	43.500	50	13Alp Ari	2.0070	4250.0	87	22346	No
62	GOM_NL__2PRFIN20060609_053844_000000582048_00248_22346_0651.N1	09-JUN-2006 05:38:44	Dark	57.500	52	16Bet Cet	2.0370	4500.0	115	22346	No
63	GOM_NL__2PRFIN20060609_054515_000000422048_00248_22346_0652.N1	09-JUN-2006 05:45:15	Dark	42.000	84	Alp Phe	2.3970	4500.0	84	22346	No
64	GOM_NL__2PRFIN20060609_055107_000000632048_00249_22347_0634.N1	09-JUN-2006 05:51:07	Dark	63.000	63	Bet Gru	2.1500	2800.0	126	22347	No
65	GOM_NL__2PRFIN20060609_055307_000000472048_00249_22347_0635.N1	09-JUN-2006 05:53:07	Dark	46.500	31	Alp Gru	1.7340	15200.	93	22347	No
66	GOM_NL__2PRFIN20060609_055732_000000432048_00249_22347_0636.N1	09-JUN-2006 05:57:32	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	22347	No
67	GOM_NL__2PRFIN20060609_060609_000000452048_00249_22347_0637.N1	09-JUN-2006 06:06:09	Straylight	44.500	40	The Sco	1.8590	7100.0	89	22347	No
68	GOM_NL__2PRFIN20060609_060754_000000432048_00249_22347_0638.N1	09-JUN-2006 06:07:54	Tw_i_and_stray	42.500	25	35Lam Sco	1.6200	28000.	85	22347	No
69	GOM_NL__2PRFIN20060609_060929_000000442048_00249_22347_0639.N1	09-JUN-2006 06:09:29	Tw_i_and_stray	43.500	75	26Eps Sco	2.2910	4250.0	87	22347	No
70	GOM_NL__2PRFIN20060609_061125_000000382048_00249_22347_0640.N1	09-JUN-2006 06:11:25	Bright	38.000	136	23Tau Sco	2.8220	30000.	76	22347	No
71	GOM_NL__2PRFIN20060609_061449_000000412048_00249_22347_0641.N1	09-JUN-2006 06:14:49	Bright	40.500	86	35Eta Oph	2.4300	10200.	81	22347	No
72	GOM_NL__2PRFIN20060609_061636_000000392048_00249_22347_0642.N1	09-JUN-2006 06:16:36	Bright	38.500	98	13Zet Oph	2.5710	30000.	77	22347	No
73	GOM_NL__2PRFIN20060609_061843_000000372048_00249_22347_0643.N1	09-JUN-2006 06:18:43	Bright	36.500	120	1Del Oph	2.7340	3200.0	73	22347	No
74	GOM_NL__2PRFIN20060609_062617_000000402048_00249_22347_0644.N1	09-JUN-2006 06:26:17	Bright	40.000	127	27Bet Her	2.7810	4700.0	80	22347	No
75	GOM_NL__2PRFIN20060609_062929_000000432048_00249_22347_0645.N1	09-JUN-2006 06:29:29	Bright	42.500	133	40Zet Her	2.8070	6000.0	85	22347	No
76	GOM_NL__2PRFIN20060609_063638_000000422048_00249_22347_0646.N1	09-JUN-2006 06:36:38	Bright	42.000	130	23Bet Dra	2.7990	5800.0	84	22347	No
77	GOM_NL__2PRFIN20060609_065322_000000572048_00249_22347_0647.N1	09-JUN-2006 06:53:22	Bright	57.000	76	27Gam Cas	2.3000	30000.	114	22347	No
78	GOM_NL__2PRFIN20060609_065912_000000382048_00249_22347_0648.N1	09-JUN-2006 06:59:12	Bright	37.500	73	57Gam1And	2.2600	13100.	75	22347	No
79	GOM_NL__2PRFIN20060609_070131_000000612048_00249_22347_0649.N1	09-JUN-2006 07:01:31	Bright	61.000	53	43Bet And	2.0480	3300.0	122	22347	No
80	GOM_NL__2PRFIN20060609_070447_000000442048_00249_22347_0650.N1	09-JUN-2006 07:04:47	Twilight	44.000	50	13Alp Ari	2.0070	4250.0	88	22347	No
81	GOM_NL__2PRFIN20060609_071921_000000552048_00249_22347_0651.N1	09-JUN-2006 07:19:21	Dark	55.000	52	16Bet Cet	2.0370	4500.0	110	22347	No
82	GOM_NL__2PRFIN20060609_072552_000000462048_00249_22347_0652.N1	09-JUN-2006 07:25:52	Dark	45.500	84	Alp Phe	2.3970	4500.0	91	22347	No
83	GOM_NL__2PRFIN20060609_073143_000000642048_00250_22348_0634.N1	09-JUN-2006 07:31:43	Dark	63.500	63	Bet Gru	2.1500	2800.0	127	22348	No
84	GOM_NL__2PRFIN20060609_073344_000000482048_00250_22348_0635.N1	09-JUN-2006 07:33:44	Dark	48.000	31	Alp Gru	1.7340	15200.	96	22348	No
85	GOM_NL__2PRFIN20060609_073808_000000442048_00250_22348_0636.N1	09-JUN-2006 07:38:08	Straylight	44.000	45	Alp Pav	1.9400	26000.	88	22348	No
86	GOM_NL__2PRFIN20060609_074646_000000422048_00250_22348_0637.N1	09-JUN-2006 07:46:46	Straylight	42.000	40	The Sco	1.8590	7100.0	84	22348	No
87	GOM_NL__2PRFIN20060609_074831_000000442048_00250_22348_0638.N1	09-JUN-2006 07:48:31	Tw_i_and_stray	44.000	25	35Lam Sco	1.6200	28000.	88	22348	No
88	GOM_NL__2PRFIN20060609_075005_000000422048_00250_22348_0639.N1	09-JUN-2006 07:50:05	Tw_i_and_stray	42.000	75	26Eps Sco	2.2910	4250.0	84	22348	No
89	GOM_NL__2PRFIN20060609_075201_000000382048_00250_22348_0640.N1	09-JUN-2006 07:52:01	Bright	37.500	136	23Tau Sco	2.8220	30000.	75	22348	No
90	GOM_NL__2PRFIN20060609_075525_000000412048_00250_22348_0641.N1	09-JUN-2006 07:55:25	Bright	40.500	86	35Eta Oph	2.4300	10200.	81	22348	No
91	GOM_NL__2PRFIN20060609_075712_000000392048_00250_22348_0642.N1	09-JUN-2006 07:57:12	Bright	39.000	98	13Zet Oph	2.5710	30000.	78	22348	No
92	GOM_NL__2PRFIN20060609_075919_000000372048_00250_22348_0643.N1	09-JUN-2006 07:59:19	Bright	36.500	120	1Del Oph	2.7340	3200.0	73	22348	No
93	GOM_NL__2PRFIN20060609_080653_000000372048_00250_22348_0644.N1	09-JUN-2006 08:06:53	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	22348	No
94	GOM_NL__2PRFIN20060609_081005_000000582048_00250_22348_0645.N1	09-JUN-2006 08:10:05	Bright	58.000	133	40Zet Her	2.8070	6000.0	116	22348	No
95	GOM_NL__2PRFIN20060609_081713_000000412048_00250_22348_0646.N1	09-JUN-2006 08:17:13	Bright	41.000	130	23Bet Dra	2.7990	5800.0	82	22348	No
96	GOM_NL__2PRFIN20060609_083358_000000382048_00250_22348_0647.N1	09-JUN-2006 08:33:58	Bright	38.000	76	27Gam Cas	2.3000	30000.	76	22348	No
97	GOM_NL__2PRFIN20060609_083948_000000372048_00250_22348_0648.N1	09-JUN-2006 08:39:48	Bright	37.000	73	57Gam1And	2.2600	13100.	74	22348	No
98	GOM_NL__2PRFIN20060609_084207_000000612048_00250_22348_0649.N1	09-JUN-2006 08:42:07	Bright	61.000	53	43Bet And	2.0480	3300.0	122	22348	No
99	GOM_NL__2PRFIN20060609_084523_000000442048_00250_22348_0650.N1	09-JUN-2006 08:45:23	Twilight	43.500	50	13Alp Ari	2.0070	4250.0	87	22348	No
100	GOM_NL__2PRFIN20060609_085957_000000522048_00250_22348_0651.N1	09-JUN-2006 08:59:57	Dark	51.500	52	16Bet Cet	2.0370	4500.0	103	22348	No
101	GOM_NL__2PRFIN20060609_090628_000000462048_00250_22348_0652.N1	09-JUN-2006 09:06:28	Dark	45.500	84	Alp Phe	2.3970	4500.0	91	22348	No

102	GOM_NL__2PRFIN20060609_091220_000000542048_00251_22349_0634.N1	09-JUN-2006 09:12:20	Dark	54.000	63	Bet Gru	2.1500	2800.0	108	22349	No
103	GOM_NL__2PRFIN20060609_091421_000000462048_00251_22349_0635.N1	09-JUN-2006 09:14:21	Dark	45.500	31	Alp Gru	1.7340	15200.	91	22349	No
104	GOM_NL__2PRFIN20060609_091845_000000432048_00251_22349_0636.N1	09-JUN-2006 09:18:45	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	22349	No
105	GOM_NL__2PRFIN20060609_092722_000000482048_00251_22349_0637.N1	09-JUN-2006 09:27:22	Straylight	47.500	40	The Sco	1.8590	7100.0	95	22349	No
106	GOM_NL__2PRFIN20060609_092907_000000452048_00251_22349_0638.N1	09-JUN-2006 09:29:07	Twi_and_stray	44.500	25	35Lam Sco	1.6200	28000.	89	22349	No
107	GOM_NL__2PRFIN20060609_093042_000000452048_00251_22349_0639.N1	09-JUN-2006 09:30:42	Twi_and_stray	45.000	75	26Eps Sco	2.2910	4250.0	90	22349	No
108	GOM_NL__2PRFIN20060609_093237_000000372048_00251_22349_0640.N1	09-JUN-2006 09:32:37	Bright	37.000	136	23Tau Sco	2.8220	30000.	74	22349	No
109	GOM_NL__2PRFIN20060609_093601_000000412048_00251_22349_0641.N1	09-JUN-2006 09:36:01	Bright	40.500	86	35Eta Oph	2.4300	10200.	81	22349	No
110	GOM_NL__2PRFIN20060609_093748_000000392048_00251_22349_0642.N1	09-JUN-2006 09:37:48	Bright	38.500	98	13Zet Oph	2.5710	30000.	77	22349	No
111	GOM_NL__2PRFIN20060609_093955_000000372048_00251_22349_0643.N1	09-JUN-2006 09:39:55	Bright	37.000	120	1Del Oph	2.7340	3200.0	74	22349	No
112	GOM_NL__2PRFIN20060609_094729_000000402048_00251_22349_0644.N1	09-JUN-2006 09:47:29	Bright	40.000	127	27Bet Her	2.7810	4700.0	80	22349	No
113	GOM_NL__2PRFIN20060609_095040_000000382048_00251_22349_0645.N1	09-JUN-2006 09:50:40	Bright	37.500	133	40Zet Her	2.8070	6000.0	75	22349	No
114	GOM_NL__2PRFIN20060609_095749_000000422048_00251_22349_0646.N1	09-JUN-2006 09:57:49	Bright	41.500	130	23Bet Dra	2.7990	5800.0	83	22349	No
115	GOM_NL__2PRFIN20060609_101433_000000512048_00251_22349_0647.N1	09-JUN-2006 10:14:33	Bright	51.000	76	27Gam Cas	2.3000	30000.	102	22349	No
116	GOM_NL__2PRFIN20060609_102024_000000362048_00251_22349_0648.N1	09-JUN-2006 10:20:24	Bright	35.500	73	57Gam1And	2.2600	13100.	71	22349	No
117	GOM_NL__2PRFIN20060609_102243_000000542048_00251_22349_0649.N1	09-JUN-2006 10:22:43	Bright	53.500	53	43Bet And	2.0480	3300.0	107	22349	No
118	GOM_NL__2PRFIN20060609_102559_000000452048_00251_22349_0650.N1	09-JUN-2006 10:25:59	Twilight	45.000	50	13Alp Ari	2.0070	4250.0	90	22349	No
119	GOM_NL__2PRFIN20060609_104034_000000522048_00251_22349_0651.N1	09-JUN-2006 10:40:34	Dark	51.500	52	16Bet Cet	2.0370	4500.0	103	22349	No
120	GOM_NL__2PRFIN20060609_104705_000000502048_00251_22349_0652.N1	09-JUN-2006 10:47:05	Dark	49.500	84	Alp Phe	2.3970	4500.0	99	22349	No
121	GOM_NL__2PRFIN20060609_105249_000000582048_00252_22350_0634.N1	09-JUN-2006 10:52:49	Dark	58.000	63	Bet Gru	2.1500	2800.0	116	22350	No
122	GOM_NL__2PRFIN20060609_105449_000000582048_00252_22350_0635.N1	09-JUN-2006 10:54:49	Dark	57.500	31	Alp Gru	1.7340	15200.	115	22350	No
123	GOM_NL__2PRFIN20060609_105914_000000502048_00252_22350_0636.N1	09-JUN-2006 10:59:14	Straylight	49.500	45	Alp Pav	1.9400	26000.	99	22350	No
124	GOM_NL__2PRFIN20060609_110751_000000522048_00252_22350_0637.N1	09-JUN-2006 11:07:51	Straylight	52.000	40	The Sco	1.8590	7100.0	104	22350	No
125	GOM_NL__2PRFIN20060609_110936_000000522048_00252_22350_0638.N1	09-JUN-2006 11:09:36	Twi_and_stray	52.000	25	35Lam Sco	1.6200	28000.	104	22350	No
126	GOM_NL__2PRFIN20060609_111111_000000522048_00252_22350_0639.N1	09-JUN-2006 11:11:11	Twi_and_stray	51.500	75	26Eps Sco	2.2910	4250.0	103	22350	No
127	GOM_NL__2PRFIN20060609_111630_000000492048_00252_22350_0640.N1	09-JUN-2006 11:16:30	Bright	49.000	86	35Eta Oph	2.4300	10200.	98	22350	No
128	GOM_NL__2PRFIN20060609_111817_000000452048_00252_22350_0641.N1	09-JUN-2006 11:18:17	Bright	45.000	98	13Zet Oph	2.5710	30000.	90	22350	No
129	GOM_NL__2PRFIN20060609_112024_000000442048_00252_22350_0642.N1	09-JUN-2006 11:20:24	Bright	44.000	120	1Del Oph	2.7340	3200.0	88	22350	No
130	GOM_NL__2PRFIN20060609_112757_000000472048_00252_22350_0643.N1	09-JUN-2006 11:27:57	Bright	47.000	127	27Bet Her	2.7810	4700.0	94	22350	No
131	GOM_NL__2PRFIN20060609_113109_000000652048_00252_22350_0644.N1	09-JUN-2006 11:31:09	Bright	65.000	133	40Zet Her	2.8070	6000.0	130	22350	No
132	GOM_NL__2PRFIN20060609_113817_000000502048_00252_22350_0645.N1	09-JUN-2006 11:38:17	Bright	49.500	130	23Bet Dra	2.7990	5800.0	99	22350	No
133	GOM_NL__2PRFIN20060609_115502_000000652048_00252_22350_0646.N1	09-JUN-2006 11:55:02	Bright	65.000	76	27Gam Cas	2.3000	30000.	130	22350	No
134	GOM_NL__2PRFIN20060609_120053_000000452048_00252_22350_0647.N1	09-JUN-2006 12:00:53	Bright	45.000	73	57Gam1And	2.2600	13100.	90	22350	No
135	GOM_NL__2PRFIN20060609_120312_000000642048_00252_22350_0648.N1	09-JUN-2006 12:03:12	Bright	63.500	53	43Bet And	2.0480	3300.0	127	22350	No
136	GOM_NL__2PRFIN20060609_120628_000000512048_00252_22350_0649.N1	09-JUN-2006 12:06:28	Twilight	50.500	50	13Alp Ari	2.0070	4250.0	101	22350	No
137	GOM_NL__2PRFIN20060609_122103_000000602048_00252_22350_0650.N1	09-JUN-2006 12:21:03	Dark	59.500	52	16Bet Cet	2.0370	4500.0	119	22350	No
138	GOM_NL__2PRFIN20060609_122734_000000562048_00252_22350_0651.N1	09-JUN-2006 12:27:34	Dark	56.000	84	Alp Phe	2.3970	4500.0	112	22350	No
139	GOM_NL__2PRFIN20060609_123326_000000572048_00253_22351_0654.N1	09-JUN-2006 12:33:26	Dark	56.500	63	Bet Gru	2.1500	2800.0	113	22351	No
140	GOM_NL__2PRFIN20060609_123526_000000552048_00253_22351_0655.N1	09-JUN-2006 12:35:26	Dark	54.500	31	Alp Gru	1.7340	15200.	109	22351	No
141	GOM_NL__2PRFIN20060609_123951_000000502048_00253_22351_0656.N1	09-JUN-2006 12:39:51	Straylight	49.500	45	Alp Pav	1.9400	26000.	99	22351	No
142	GOM_NL__2PRFIN20060609_124828_000000542048_00253_22351_0657.N1	09-JUN-2006 12:48:28	Straylight	53.500	40	The Sco	1.8590	7100.0	107	22351	No
143	GOM_NL__2PRFIN20060609_125012_000000502048_00253_22351_0658.N1	09-JUN-2006 12:50:12	Twi_and_stray	50.000	25	35Lam Sco	1.6200	28000.	100	22351	No
144	GOM_NL__2PRFIN20060609_125147_000000502048_00253_22351_0659.N1	09-JUN-2006 12:51:47	Twi_and_stray	49.500	75	26Eps Sco	2.2910	4250.0	99	22351	No
145	GOM_NL__2PRFIN20060609_125706_000000492048_00253_22351_0660.N1	09-JUN-2006 12:57:06	Bright	48.500	86	35Eta Oph	2.4300	10200.	97	22351	No
146	GOM_NL__2PRFIN20060609_125853_000000462048_00253_22351_0661.N1	09-JUN-2006 12:58:53	Bright	45.500	98	13Zet Oph	2.5710	30000.	91	22351	No
147	GOM_NL__2PRFIN20060609_130100_000000442048_00253_22351_0662.N1	09-JUN-2006 13:01:00	Bright	43.500	120	1Del Oph	2.7340	3200.0	87	22351	No
148	GOM_NL__2PRFIN20060609_130833_000000442048_00253_22351_0663.N1	09-JUN-2006 13:08:33	Bright	44.000	127	27Bet Her	2.7810	4700.0	88	22351	No
149	GOM_NL__2PRFIN20060609_131144_000000492048_00253_22351_0664.N1	09-JUN-2006 13:11:44	Bright	48.500	133	40Zet Her	2.8070	6000.0	97	22351	No
150	GOM_NL__2PRFIN20060609_131852_000000512048_00253_22351_0665.N1	09-JUN-2006 13:18:52	Bright	50.500	130	23Bet Dra	2.7990	5800.0	101	22351	No
151	GOM_NL__2PRFIN20060609_133537_000000572048_00253_22351_0666.N1	09-JUN-2006 13:35:37	Bright	56.500	76	27Gam Cas	2.3000	30000.	113	22351	No
152	GOM_NL__2PRFIN20060609_134129_000000442048_00253_22351_0667.N1	09-JUN-2006 13:41:29	Bright	44.000	73	57Gam1And	2.2600	13100.	88	22351	No
153	GOM_NL__2PRFIN20060609_134348_000000592048_00253_22351_0668.N1	09-JUN-2006 13:43:48	Bright	59.000	53	43Bet And	2.0480	3300.0	118	22351	No
154	GOM_NL__2PRFIN20060609_134704_000000522048_00253_22351_0669.N1	09-JUN-2006 13:47:04	Twilight	52.000	50	13Alp Ari	2.0070	4250.0	104	22351	No
155	GOM_NL__2PRFIN20060609_140140_000000582048_00253_22351_0670.N1	09-JUN-2006 14:01:40	Dark	57.500	52	16Bet Cet	2.0370	4500.0	115	22351	No
156	GOM_NL__2PRFIN20060609_140811_000000502048_00253_22351_0671.N1	09-JUN-2006 14:08:11	Dark	50.000	84	Alp Phe	2.3970	4500.0	100	22351	No
157	GOM_NL__2PRFIN20060609_141411_000000532048_00254_22352_0654.N1	09-JUN-2006 14:14:11	Dark	52.500	63	Bet Gru	2.1500	2800.0	105	22352	No
158	GOM_NL__2PRFIN20060609_141611_000000472048_00254_22352_0655.N1	09-JUN-2006 14:16:11	Dark	47.000	31	Alp Gru	1.7340	15200.	94	22352	No
159	GOM_NL__2PRFIN20060609_142035_000000432048_00254_22352_0656.N1	09-JUN-2006 14:20:35	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	22352	No
160	GOM_NL__2PRFIN20060609_142911_000000432048_00254_22352_0657.N1	09-JUN-2006 14:29:11	Straylight	43.000	40	The Sco	1.8590	7100.0	86	22352	No

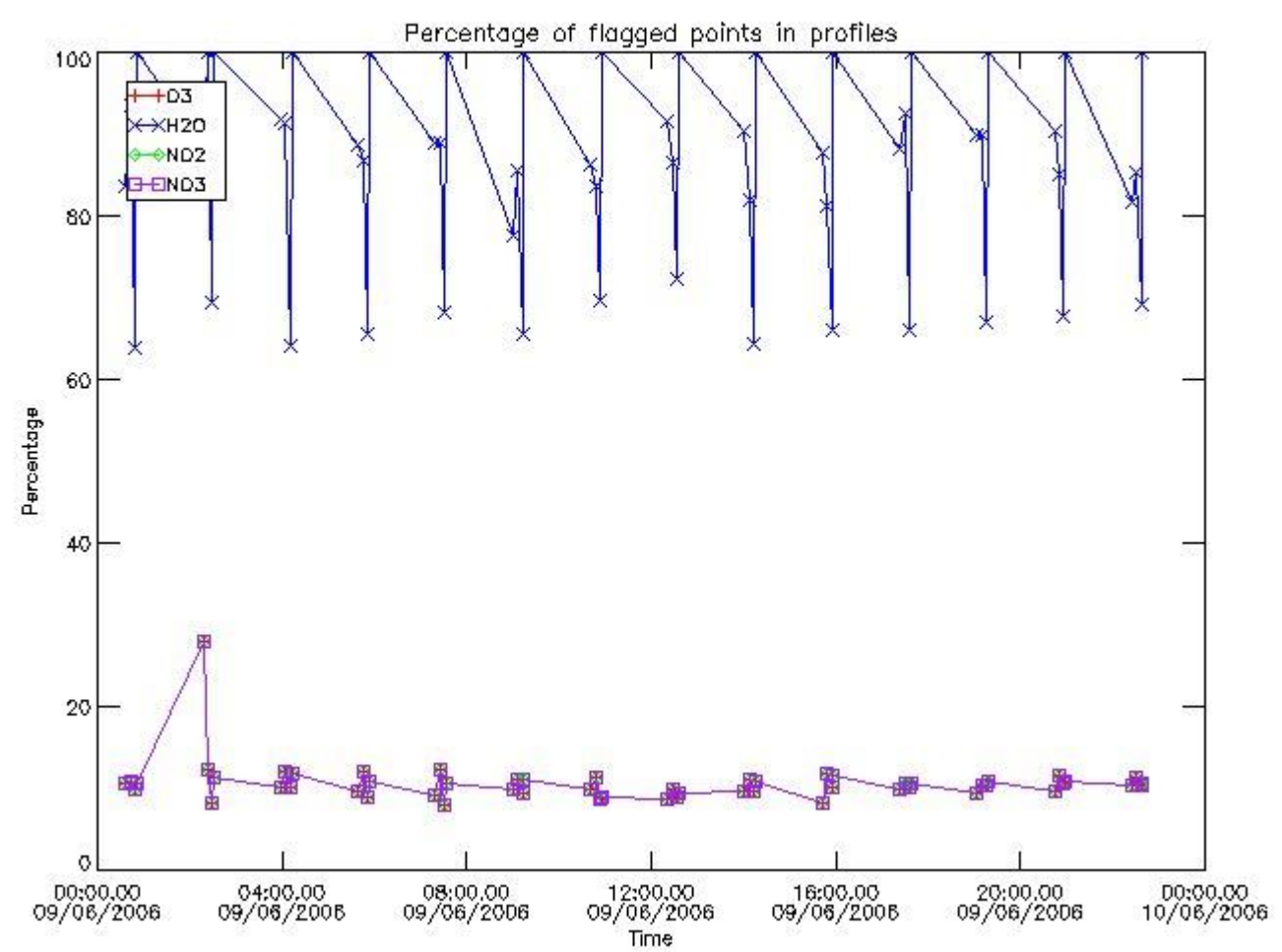
161	GOM_NL__2PRFIN20060609_143056_000000472048_00254_22352_0658.N1	09-JUN-2006 14:30:56	Twilight	46.500	25	35Lam Sco	1.6200	28000.	93	22352	No
162	GOM_NL__2PRFIN20060609_143230_000000462048_00254_22352_0659.N1	09-JUN-2006 14:32:30	Twilight	45.500	75	26Eps Sco	2.2910	4250.0	91	22352	No
163	GOM_NL__2PRFIN20060609_143749_000000412048_00254_22352_0660.N1	09-JUN-2006 14:37:49	Bright	41.000	86	35Eta Oph	2.4300	10200.	82	22352	No
164	GOM_NL__2PRFIN20060609_143936_000000392048_00254_22352_0661.N1	09-JUN-2006 14:39:36	Bright	38.500	98	13Zet Oph	2.5710	30000.	77	22352	No
165	GOM_NL__2PRFIN20060609_144143_000000372048_00254_22352_0662.N1	09-JUN-2006 14:41:43	Bright	37.000	120	1Del Oph	2.7340	3200.0	74	22352	No
166	GOM_NL__2PRFIN20060609_144916_000000382048_00254_22352_0663.N1	09-JUN-2006 14:49:16	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	22352	No
167	GOM_NL__2PRFIN20060609_145227_000000552048_00254_22352_0664.N1	09-JUN-2006 14:52:27	Bright	55.000	133	40Zet Her	2.8070	6000.0	110	22352	No
168	GOM_NL__2PRFIN20060609_145935_000000422048_00254_22352_0665.N1	09-JUN-2006 14:59:35	Bright	42.000	130	23Bet Dra	2.7990	5800.0	84	22352	No
169	GOM_NL__2PRFIN20060609_151621_000000582048_00254_22352_0666.N1	09-JUN-2006 15:16:21	Bright	58.000	76	27Gam Cas	2.3000	30000.	116	22352	No
170	GOM_NL__2PRFIN20060609_152212_000000382048_00254_22352_0667.N1	09-JUN-2006 15:22:12	Bright	37.500	73	57Gam1And	2.2600	13100.	75	22352	No
171	GOM_NL__2PRFIN20060609_152431_000000542048_00254_22352_0668.N1	09-JUN-2006 15:24:31	Bright	53.500	53	43Bet And	2.0480	3300.0	107	22352	No
172	GOM_NL__2PRFIN20060609_152747_000000412048_00254_22352_0669.N1	09-JUN-2006 15:27:47	Twilight	41.000	50	13Alp Ari	2.0070	4250.0	82	22352	No
173	GOM_NL__2PRFIN20060609_154224_000000622048_00254_22352_0670.N1	09-JUN-2006 15:42:24	Dark	61.500	52	16Bet Cet	2.0370	4500.0	123	22352	No
174	GOM_NL__2PRFIN20060609_154855_000000432048_00254_22352_0671.N1	09-JUN-2006 15:48:55	Dark	43.000	84	Alp Phe	2.3970	4500.0	86	22352	No
175	GOM_NL__2PRFIN20060609_155448_000000512048_00255_22353_0654.N1	09-JUN-2006 15:54:48	Dark	50.500	63	Bet Gru	2.1500	2800.0	101	22353	No
176	GOM_NL__2PRFIN20060609_155648_000000482048_00255_22353_0655.N1	09-JUN-2006 15:56:48	Dark	48.000	31	Alp Gru	1.7340	15200.	96	22353	No
177	GOM_NL__2PRFIN20060609_160111_000000422048_00255_22353_0656.N1	09-JUN-2006 16:01:11	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	22353	No
178	GOM_NL__2PRFIN20060609_160947_000000472048_00255_22353_0657.N1	09-JUN-2006 16:09:47	Straylight	46.500	40	The Sco	1.8590	7100.0	93	22353	No
179	GOM_NL__2PRFIN20060609_161132_000000452048_00255_22353_0658.N1	09-JUN-2006 16:11:32	Twilight	45.000	25	35Lam Sco	1.6200	28000.	90	22353	No
180	GOM_NL__2PRFIN20060609_161306_000000432048_00255_22353_0659.N1	09-JUN-2006 16:13:06	Twilight	42.500	75	26Eps Sco	2.2910	4250.0	85	22353	No
181	GOM_NL__2PRFIN20060609_161826_000000412048_00255_22353_0660.N1	09-JUN-2006 16:18:26	Bright	40.500	86	35Eta Oph	2.4300	10200.	81	22353	No
182	GOM_NL__2PRFIN20060609_162012_000000392048_00255_22353_0661.N1	09-JUN-2006 16:20:12	Bright	38.500	98	13Zet Oph	2.5710	30000.	77	22353	No
183	GOM_NL__2PRFIN20060609_162219_000000382048_00255_22353_0662.N1	09-JUN-2006 16:22:19	Bright	37.500	120	1Del Oph	2.7340	3200.0	75	22353	No
184	GOM_NL__2PRFIN20060609_162952_000000402048_00255_22353_0663.N1	09-JUN-2006 16:29:52	Bright	40.000	127	27Bet Her	2.7810	4700.0	80	22353	No
185	GOM_NL__2PRFIN20060609_163303_000000372048_00255_22353_0664.N1	09-JUN-2006 16:33:03	Bright	37.000	133	40Zet Her	2.8070	6000.0	74	22353	No
186	GOM_NL__2PRFIN20060609_164010_000000422048_00255_22353_0665.N1	09-JUN-2006 16:40:10	Bright	42.000	130	23Bet Dra	2.7990	5800.0	84	22353	No
187	GOM_NL__2PRFIN20060609_165657_000000532048_00255_22353_0666.N1	09-JUN-2006 16:56:57	Bright	53.000	76	27Gam Cas	2.3000	30000.	106	22353	No
188	GOM_NL__2PRFIN20060609_170248_000000402048_00255_22353_0667.N1	09-JUN-2006 17:02:48	Bright	40.000	73	57Gam1And	2.2600	13100.	80	22353	No
189	GOM_NL__2PRFIN20060609_170507_000000562048_00255_22353_0668.N1	09-JUN-2006 17:05:07	Bright	55.500	53	43Bet And	2.0480	3300.0	111	22353	No
190	GOM_NL__2PRFIN20060609_170823_000000462048_00255_22353_0669.N1	09-JUN-2006 17:08:23	Twilight	45.500	50	13Alp Ari	2.0070	4250.0	91	22353	No
191	GOM_NL__2PRFIN20060609_172301_000000522048_00255_22353_0670.N1	09-JUN-2006 17:23:01	Dark	51.500	52	16Bet Cet	2.0370	4500.0	103	22353	No
192	GOM_NL__2PRFIN20060609_172931_000000482048_00255_22353_0671.N1	09-JUN-2006 17:29:31	Dark	48.000	84	Alp Phe	2.3970	4500.0	96	22353	No
193	GOM_NL__2PRFIN20060609_173525_000000512048_00256_22354_0654.N1	09-JUN-2006 17:35:25	Dark	50.500	63	Bet Gru	2.1500	2800.0	101	22354	No
194	GOM_NL__2PRFIN20060609_173725_000000492048_00256_22354_0655.N1	09-JUN-2006 17:37:25	Dark	48.500	31	Alp Gru	1.7340	15200.	97	22354	No
195	GOM_NL__2PRFIN20060609_174148_000000442048_00256_22354_0656.N1	09-JUN-2006 17:41:48	Straylight	43.500	45	Alp Pav	1.9400	26000.	87	22354	No
196	GOM_NL__2PRFIN20060609_175024_000000452048_00256_22354_0657.N1	09-JUN-2006 17:50:24	Straylight	45.000	40	The Sco	1.8590	7100.0	90	22354	No
197	GOM_NL__2PRFIN20060609_175208_000000452048_00256_22354_0658.N1	09-JUN-2006 17:52:08	Twilight	45.000	25	35Lam Sco	1.6200	28000.	90	22354	No
198	GOM_NL__2PRFIN20060609_175343_000000432048_00256_22354_0659.N1	09-JUN-2006 17:53:43	Twilight	43.000	75	26Eps Sco	2.2910	4250.0	86	22354	No
199	GOM_NL__2PRFIN20060609_175902_000000422048_00256_22354_0660.N1	09-JUN-2006 17:59:02	Bright	42.000	86	35Eta Oph	2.4300	10200.	84	22354	No
200	GOM_NL__2PRFIN20060609_180048_000000432048_00256_22354_0661.N1	09-JUN-2006 18:00:48	Bright	43.000	98	13Zet Oph	2.5710	30000.	86	22354	No
201	GOM_NL__2PRFIN20060609_180255_000000372048_00256_22354_0662.N1	09-JUN-2006 18:02:55	Bright	37.000	120	1Del Oph	2.7340	3200.0	74	22354	No
202	GOM_NL__2PRFIN20060609_181027_000000412048_00256_22354_0663.N1	09-JUN-2006 18:10:27	Bright	40.500	127	27Bet Her	2.7810	4700.0	81	22354	No
203	GOM_NL__2PRFIN20060609_181339_000000422048_00256_22354_0664.N1	09-JUN-2006 18:13:39	Bright	41.500	133	40Zet Her	2.8070	6000.0	83	22354	No
204	GOM_NL__2PRFIN20060609_182046_000000402048_00256_22354_0665.N1	09-JUN-2006 18:20:46	Bright	40.000	130	23Bet Dra	2.7990	5800.0	80	22354	No
205	GOM_NL__2PRFIN20060609_183732_000000452048_00256_22354_0666.N1	09-JUN-2006 18:37:32	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	22354	No
206	GOM_NL__2PRFIN20060609_184324_000000552048_00256_22354_0667.N1	09-JUN-2006 18:43:24	Bright	55.000	73	57Gam1And	2.2600	13100.	110	22354	No
207	GOM_NL__2PRFIN20060609_184543_000000572048_00256_22354_0668.N1	09-JUN-2006 18:45:43	Bright	56.500	53	43Bet And	2.0480	3300.0	113	22354	No
208	GOM_NL__2PRFIN20060609_184900_000000452048_00256_22354_0669.N1	09-JUN-2006 18:49:00	Twilight	45.000	50	13Alp Ari	2.0070	4250.0	90	22354	No
209	GOM_NL__2PRFIN20060609_190338_000000552048_00256_22354_0670.N1	09-JUN-2006 19:03:38	Dark	54.500	52	16Bet Cet	2.0370	4500.0	109	22354	No
210	GOM_NL__2PRFIN20060609_191008_000000502048_00256_22354_0671.N1	09-JUN-2006 19:10:08	Dark	49.500	84	Alp Phe	2.3970	4500.0	99	22354	No
211	GOM_NL__2PRFIN20060609_191602_000000492048_00257_22355_0654.N1	09-JUN-2006 19:16:02	Dark	49.000	63	Bet Gru	2.1500	2800.0	98	22355	No
212	GOM_NL__2PRFIN20060609_191802_000000482048_00257_22355_0655.N1	09-JUN-2006 19:18:02	Dark	47.500	31	Alp Gru	1.7340	15200.	95	22355	No
213	GOM_NL__2PRFIN20060609_192224_000000432048_00257_22355_0656.N1	09-JUN-2006 19:22:24	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	22355	No
214	GOM_NL__2PRFIN20060609_193100_000000442048_00257_22355_0657.N1	09-JUN-2006 19:31:00	Straylight	44.000	40	The Sco	1.8590	7100.0	88	22355	No
215	GOM_NL__2PRFIN20060609_193245_000000412048_00257_22355_0658.N1	09-JUN-2006 19:32:45	Twilight	41.000	25	35Lam Sco	1.6200	28000.	82	22355	No
216	GOM_NL__2PRFIN20060609_193419_000000422048_00257_22355_0659.N1	09-JUN-2006 19:34:19	Twilight	41.500	75	26Eps Sco	2.2910	4250.0	83	22355	No
217	GOM_NL__2PRFIN20060609_193938_000000392048_00257_22355_0660.N1	09-JUN-2006 19:39:38	Bright	39.000	86	35Eta Oph	2.4300	10200.	78	22355	No
218	GOM_NL__2PRFIN20060609_194124_000000382048_00257_22355_0661.N1	09-JUN-2006 19:41:24	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	22355	No
219	GOM_NL__2PRFIN20060609_194331_000000372048_00257_22355_0662.N1	09-JUN-2006 19:43:31	Bright	37.000	120	1Del Oph	2.7340	3200.0	74	22355	No

220	GOM_NL__2PRFIN20060609_195103_000000372048_00257_22355_0663.N1	09-JUN-2006 19:51:03	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	22355	No
221	GOM_NL__2PRFIN20060609_195414_000000392048_00257_22355_0664.N1	09-JUN-2006 19:54:14	Bright	39.000	133	40Zet Her	2.8070	6000.0	78	22355	No
222	GOM_NL__2PRFIN20060609_200121_000000432048_00257_22355_0665.N1	09-JUN-2006 20:01:21	Bright	42.500	130	23Bet Dra	2.7990	5800.0	85	22355	No
223	GOM_NL__2PRFIN20060609_201808_000000432048_00257_22355_0666.N1	09-JUN-2006 20:18:08	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	22355	No
224	GOM_NL__2PRFIN20060609_202400_000000382048_00257_22355_0667.N1	09-JUN-2006 20:24:00	Bright	37.500	73	57Gam1And	2.2600	13100.	75	22355	No
225	GOM_NL__2PRFIN20060609_202619_000000502048_00257_22355_0668.N1	09-JUN-2006 20:26:19	Bright	49.500	53	43Bet And	2.0480	3300.0	99	22355	No
226	GOM_NL__2PRFIN20060609_202936_000000462048_00257_22355_0669.N1	09-JUN-2006 20:29:36	Twilight	46.000	50	13Alp Ari	2.0070	4250.0	92	22355	No
227	GOM_NL__2PRFIN20060609_204415_000000532048_00257_22355_0670.N1	09-JUN-2006 20:44:15	Dark	52.500	52	16Bet Cet	2.0370	4500.0	105	22355	No
228	GOM_NL__2PRFIN20060609_205045_000000442048_00257_22355_0671.N1	09-JUN-2006 20:50:45	Dark	44.000	84	Alp Phe	2.3970	4500.0	88	22355	No
229	GOM_NL__2PRFIN20060609_205638_000000492048_00258_22356_0654.N1	09-JUN-2006 20:56:38	Dark	48.500	63	Bet Gru	2.1500	2800.0	97	22356	No
230	GOM_NL__2PRFIN20060609_205839_000000482048_00258_22356_0655.N1	09-JUN-2006 20:58:39	Dark	47.500	31	Alp Gru	1.7340	15200.	95	22356	No
231	GOM_NL__2PRFIN20060609_210301_000000422048_00258_22356_0656.N1	09-JUN-2006 21:03:01	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	22356	No
232	GOM_NL__2PRFIN20060609_211136_000000442048_00258_22356_0657.N1	09-JUN-2006 21:11:36	Straylight	43.500	40	The Sco	1.8590	7100.0	87	22356	No
233	GOM_NL__2PRFIN20060609_211321_000000452048_00258_22356_0658.N1	09-JUN-2006 21:13:21	Twi_and_stray	45.000	25	35Lam Sco	1.6200	28000.	90	22356	No
234	GOM_NL__2PRFIN20060609_211455_000000432048_00258_22356_0659.N1	09-JUN-2006 21:14:55	Twi_and_stray	43.000	75	26Eps Sco	2.2910	4250.0	86	22356	No
235	GOM_NL__2PRFIN20060609_212014_000000412048_00258_22356_0660.N1	09-JUN-2006 21:20:14	Bright	41.000	86	35Eta Oph	2.4300	10200.	82	22356	No
236	GOM_NL__2PRFIN20060609_212200_000000392048_00258_22356_0661.N1	09-JUN-2006 21:22:00	Bright	38.500	98	13Zet Oph	2.5710	30000.	77	22356	No
237	GOM_NL__2PRFIN20060609_212407_000000372048_00258_22356_0662.N1	09-JUN-2006 21:24:07	Bright	37.000	120	1Del Oph	2.7340	3200.0	74	22356	No
238	GOM_NL__2PRFIN20060609_213139_000000382048_00258_22356_0663.N1	09-JUN-2006 21:31:39	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	22356	No
239	GOM_NL__2PRFIN20060609_213450_000000382048_00258_22356_0664.N1	09-JUN-2006 21:34:50	Bright	38.000	133	40Zet Her	2.8070	6000.0	76	22356	No
240	GOM_NL__2PRFIN20060609_214157_000000422048_00258_22356_0665.N1	09-JUN-2006 21:41:57	Bright	41.500	130	23Bet Dra	2.7990	5800.0	83	22356	No
241	GOM_NL__2PRFIN20060609_215844_000000382048_00258_22356_0666.N1	09-JUN-2006 21:58:44	Bright	38.000	76	27Gam Cas	2.3000	30000.	76	22356	No
242	GOM_NL__2PRFIN20060609_220436_000000522048_00258_22356_0667.N1	09-JUN-2006 22:04:36	Bright	52.000	73	57Gam1And	2.2600	13100.	104	22356	No
243	GOM_NL__2PRFIN20060609_220655_000000542048_00258_22356_0668.N1	09-JUN-2006 22:06:55	Twi_and_stray	54.000	53	43Bet And	2.0480	3300.0	108	22356	No
244	GOM_NL__2PRFIN20060609_221012_000000442048_00258_22356_0669.N1	09-JUN-2006 22:10:12	Twilight	43.500	50	13Alp Ari	2.0070	4250.0	87	22356	No
245	GOM_NL__2PRFIN20060609_222451_000000502048_00258_22356_0670.N1	09-JUN-2006 22:24:51	Dark	49.500	52	16Bet Cet	2.0370	4500.0	99	22356	No
246	GOM_NL__2PRFIN20060609_223121_000000452048_00258_22356_0671.N1	09-JUN-2006 22:31:21	Dark	45.000	84	Alp Phe	2.3970	4500.0	90	22356	No
247	GOM_NL__2PRFIN20060609_223715_000000492048_00259_22357_0654.N1	09-JUN-2006 22:37:15	Dark	49.000	63	Bet Gru	2.1500	2800.0	98	22357	No
248	GOM_NL__2PRFIN20060609_223916_000000482048_00259_22357_0655.N1	09-JUN-2006 22:39:16	Dark	48.000	31	Alp Gru	1.7340	15200.	96	22357	No
249	GOM_NL__2PRFIN20060609_224337_000000432048_00259_22357_0656.N1	09-JUN-2006 22:43:37	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	22357	No
250	GOM_NL__2PRFIN20060609_225212_000000442048_00259_22357_0657.N1	09-JUN-2006 22:52:12	Straylight	44.000	40	The Sco	1.8590	7100.0	88	22357	No
251	GOM_NL__2PRFIN20060609_225357_000000432048_00259_22357_0658.N1	09-JUN-2006 22:53:57	Twi_and_stray	43.000	25	35Lam Sco	1.6200	28000.	86	22357	No
252	GOM_NL__2PRFIN20060609_225531_000000422048_00259_22357_0659.N1	09-JUN-2006 22:55:31	Twi_and_stray	42.000	75	26Eps Sco	2.2910	4250.0	84	22357	No
253	GOM_NL__2PRFIN20060609_230050_000000422048_00259_22357_0660.N1	09-JUN-2006 23:00:50	Bright	42.000	86	35Eta Oph	2.4300	10200.	84	22357	No
254	GOM_NL__2PRFIN20060609_230236_000000392048_00259_22357_0661.N1	09-JUN-2006 23:02:36	Bright	38.500	98	13Zet Oph	2.5710	30000.	77	22357	No
255	GOM_NL__2PRFIN20060609_230443_000000372048_00259_22357_0662.N1	09-JUN-2006 23:04:43	Bright	36.500	120	1Del Oph	2.7340	3200.0	73	22357	No
256	GOM_NL__2PRFIN20060609_231215_000000402048_00259_22357_0663.N1	09-JUN-2006 23:12:15	Bright	39.500	127	27Bet Her	2.7810	4700.0	79	22357	No
257	GOM_NL__2PRFIN20060609_231525_000000392048_00259_22357_0664.N1	09-JUN-2006 23:15:25	Bright	39.000	133	40Zet Her	2.8070	6000.0	78	22357	No
258	GOM_NL__2PRFIN20060609_232232_000000432048_00259_22357_0665.N1	09-JUN-2006 23:22:32	Bright	42.500	130	23Bet Dra	2.7990	5800.0	85	22357	No
259	GOM_NL__2PRFIN20060609_233919_000000482048_00259_22357_0666.N1	09-JUN-2006 23:39:19	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	22357	No
260	GOM_NL__2PRFIN20060609_234512_000000432048_00259_22357_0667.N1	09-JUN-2006 23:45:12	Bright	42.500	73	57Gam1And	2.2600	13100.	85	22357	No
261	GOM_NL__2PRFIN20060609_234731_000000502048_00259_22357_0668.N1	09-JUN-2006 23:47:31	Twi_and_stray	49.500	53	43Bet And	2.0480	3300.0	99	22357	No
262	GOM_NL__2PRFIN20060609_235048_000000432048_00259_22357_0669.N1	09-JUN-2006 23:50:48	Twilight	43.000	50	13Alp Ari	2.0070	4250.0	86	22357	No

### 3. Quality information per product

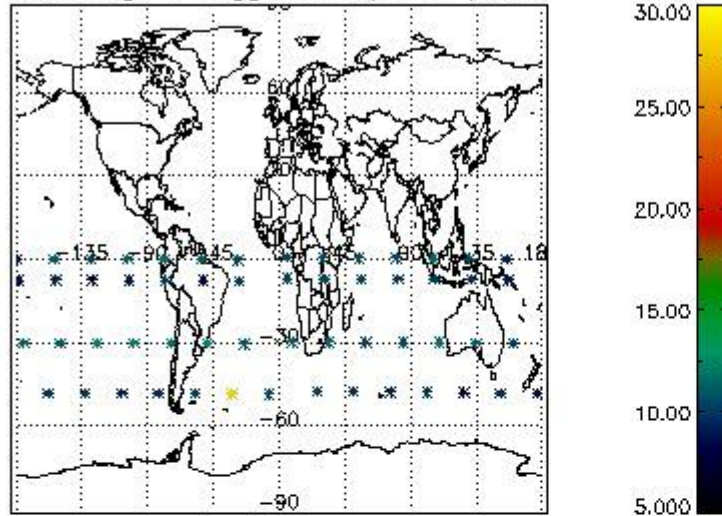
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

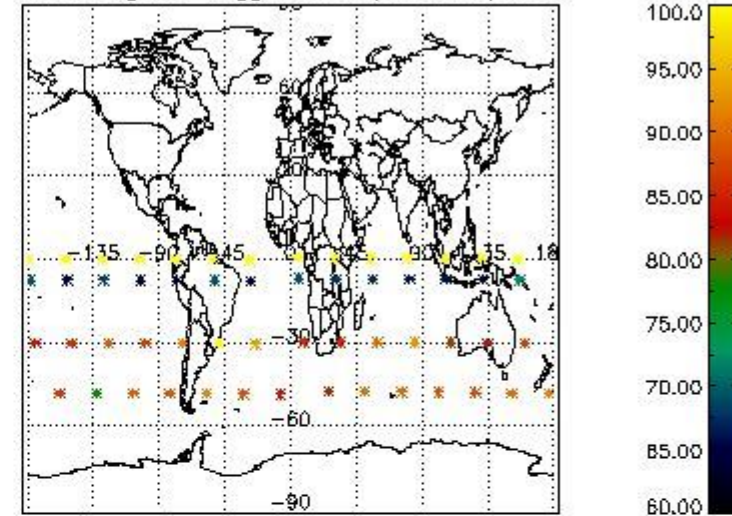


3.2 Plot quality information per product (world map)

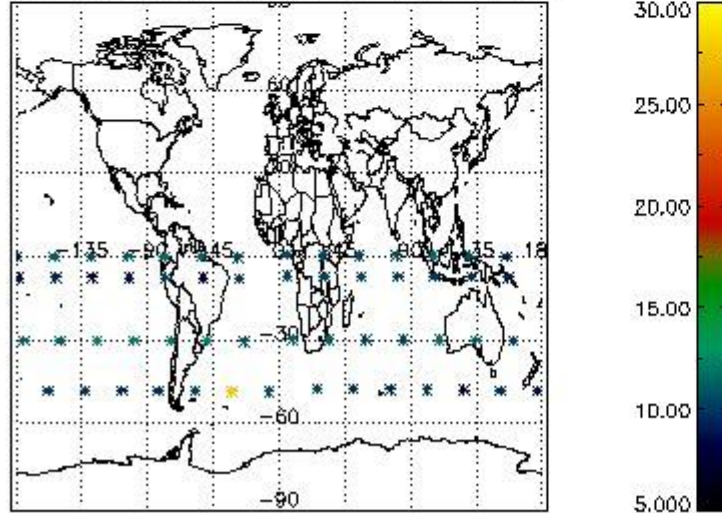
Percentage of flagged data per O3 profile



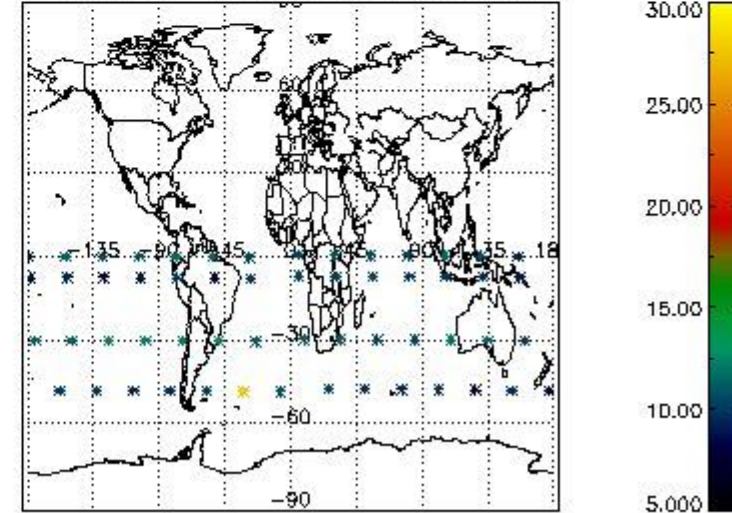
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



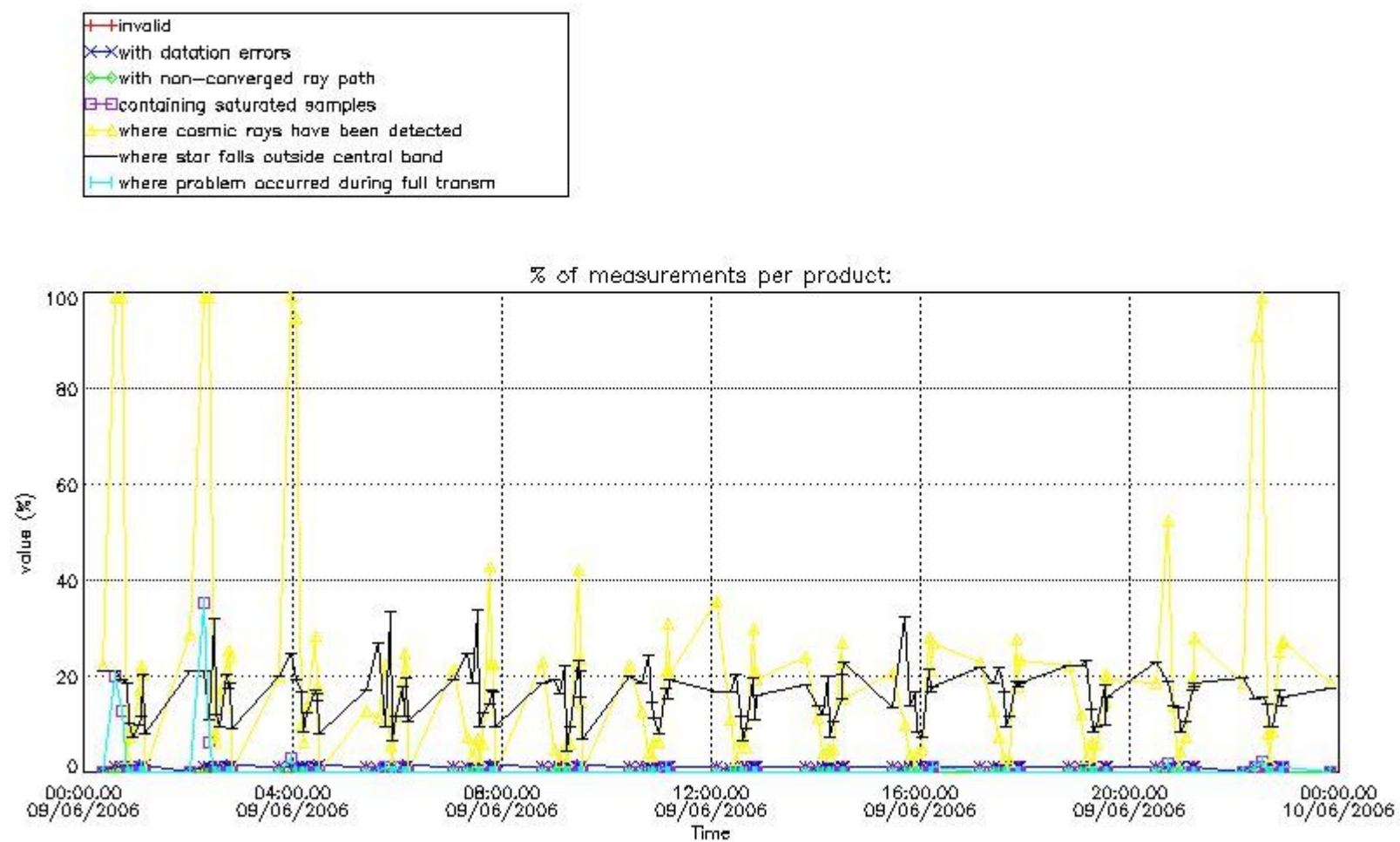
#### 4. Level 1 quality information per product

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.

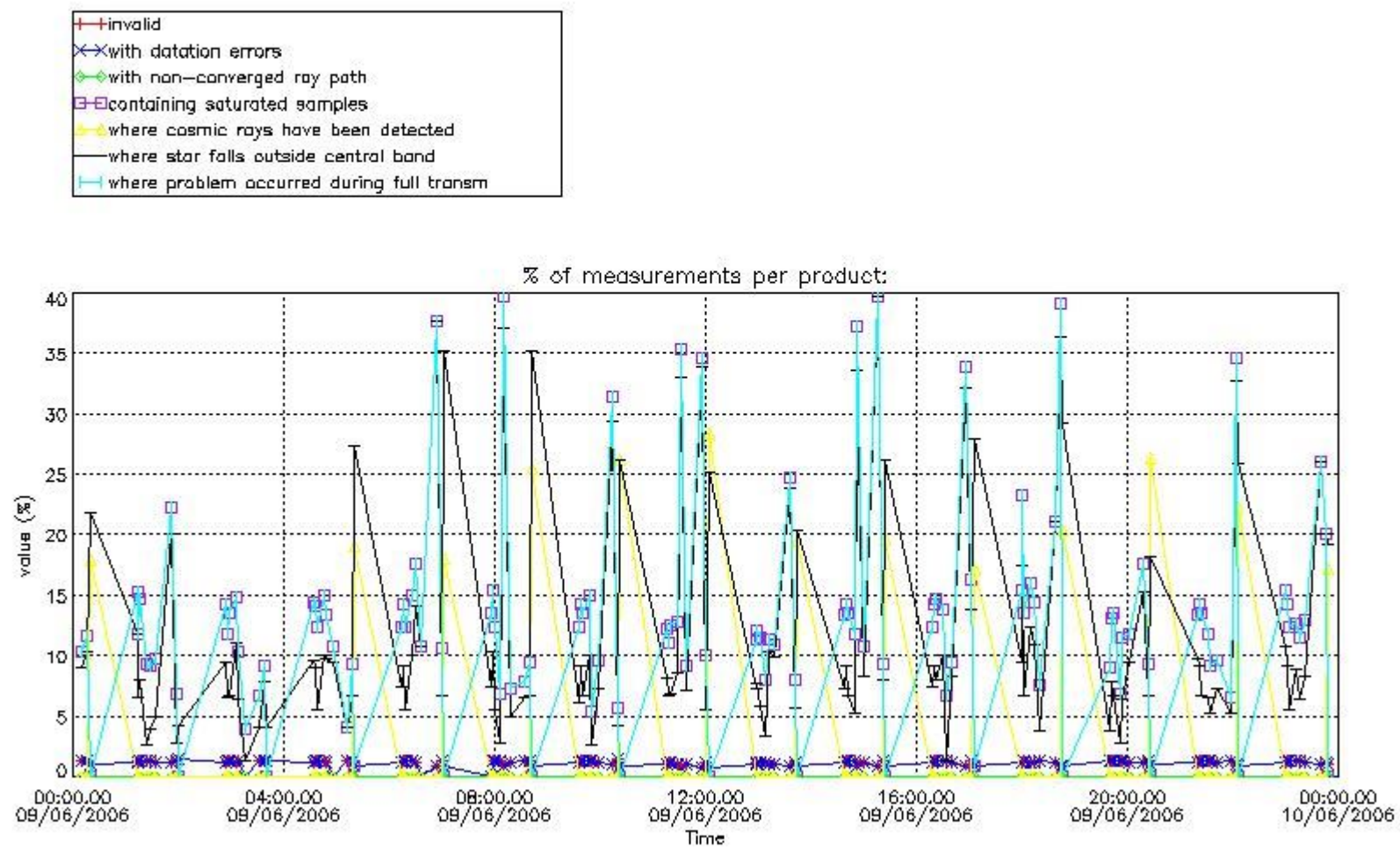
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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



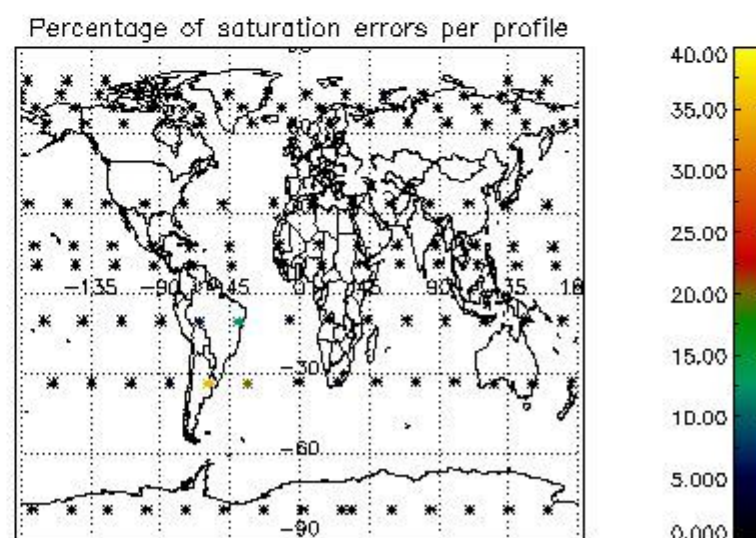
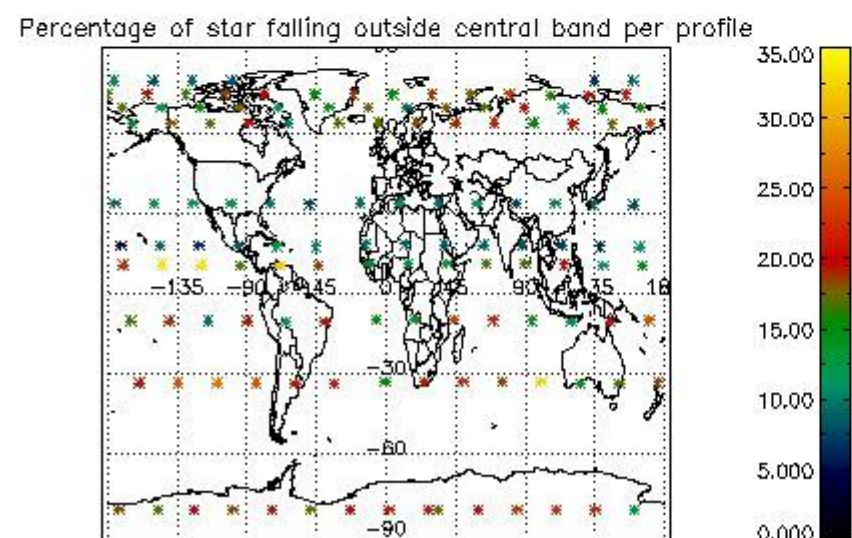
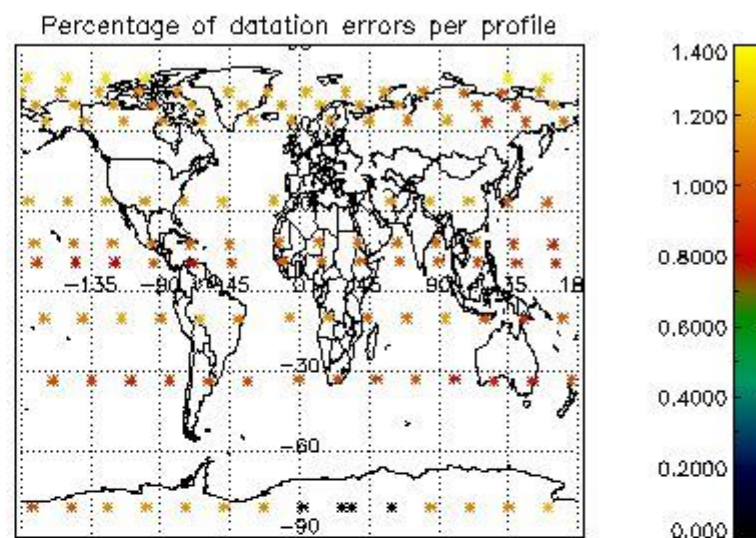
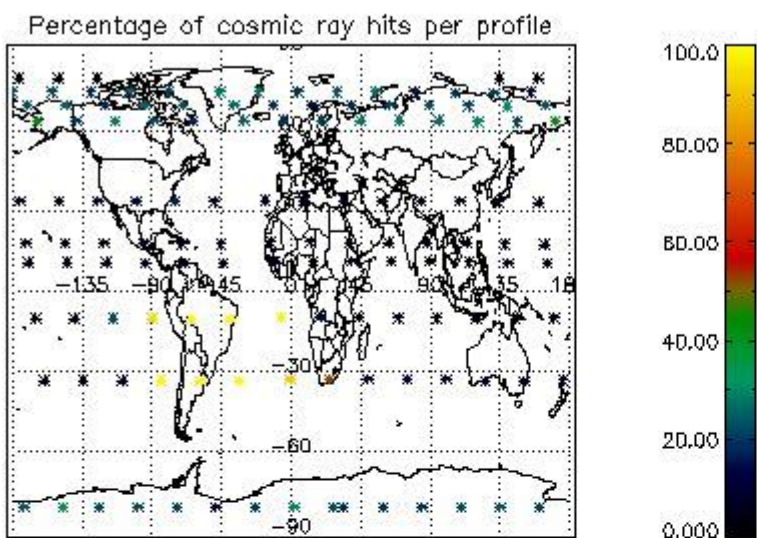


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

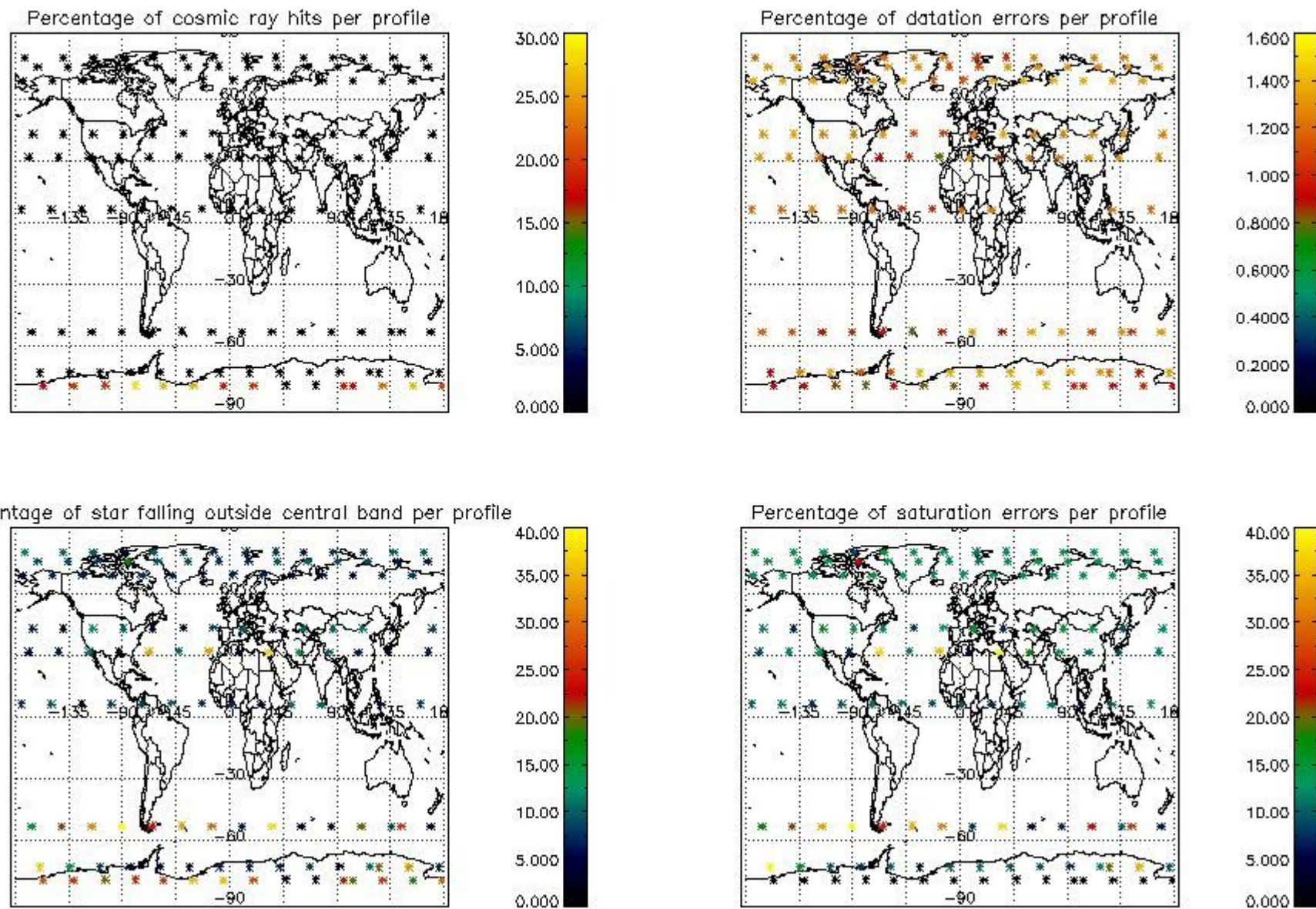


*4.2 Plot quality information per product coming from level 1b processing (world map)*

*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

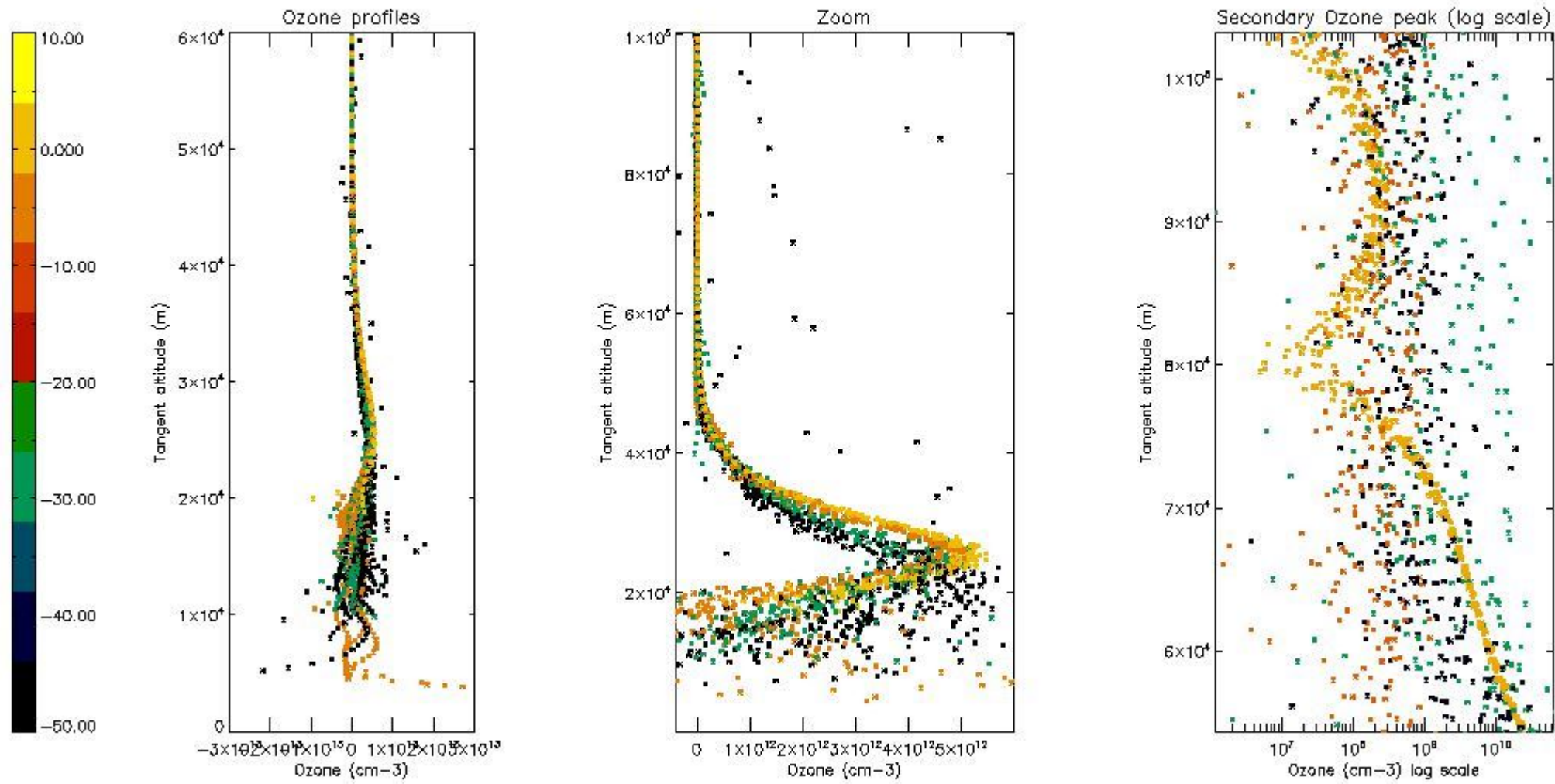
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	25
STD < 20	9

STD < 10	6
STD < 5	3

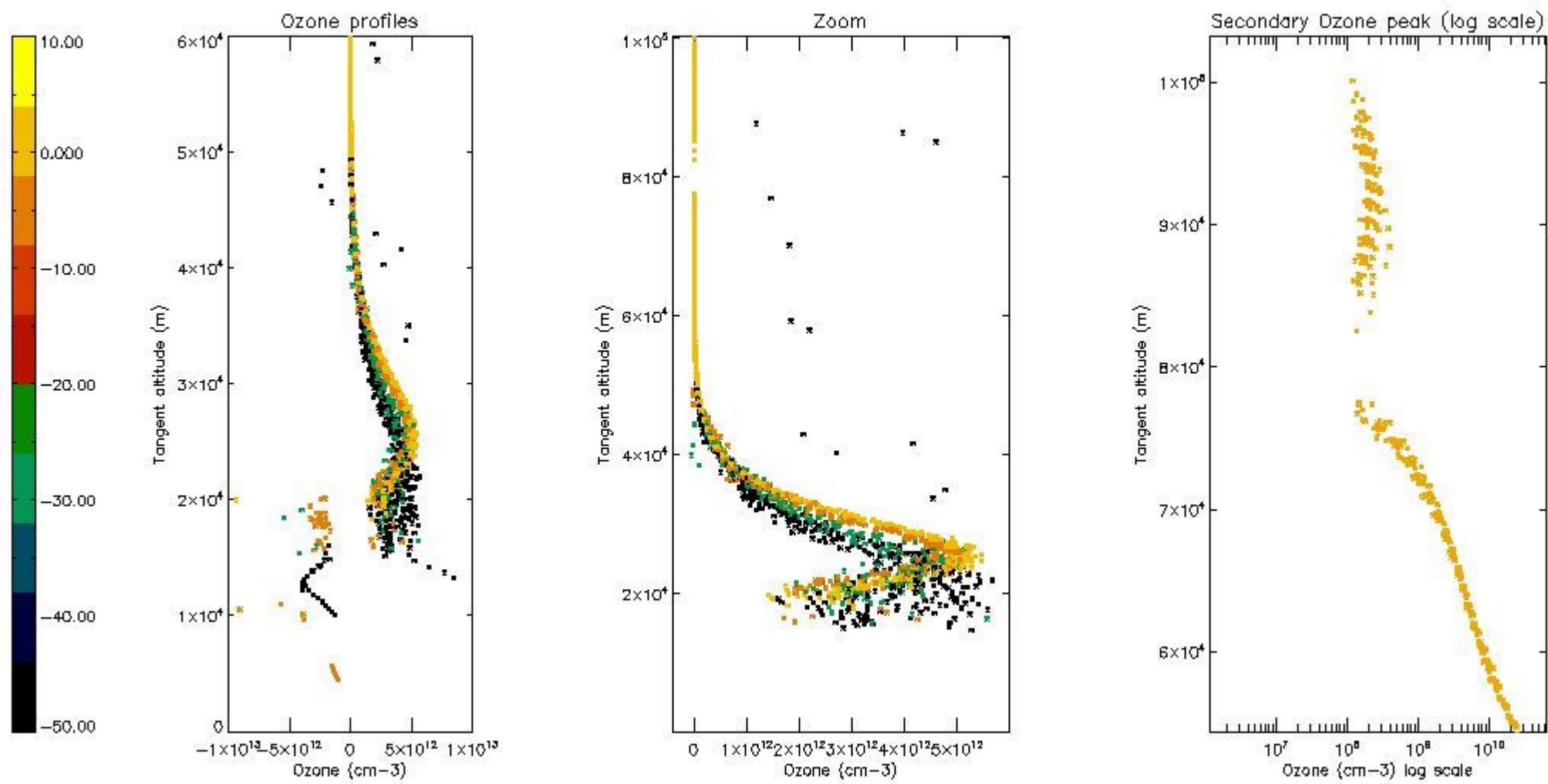
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



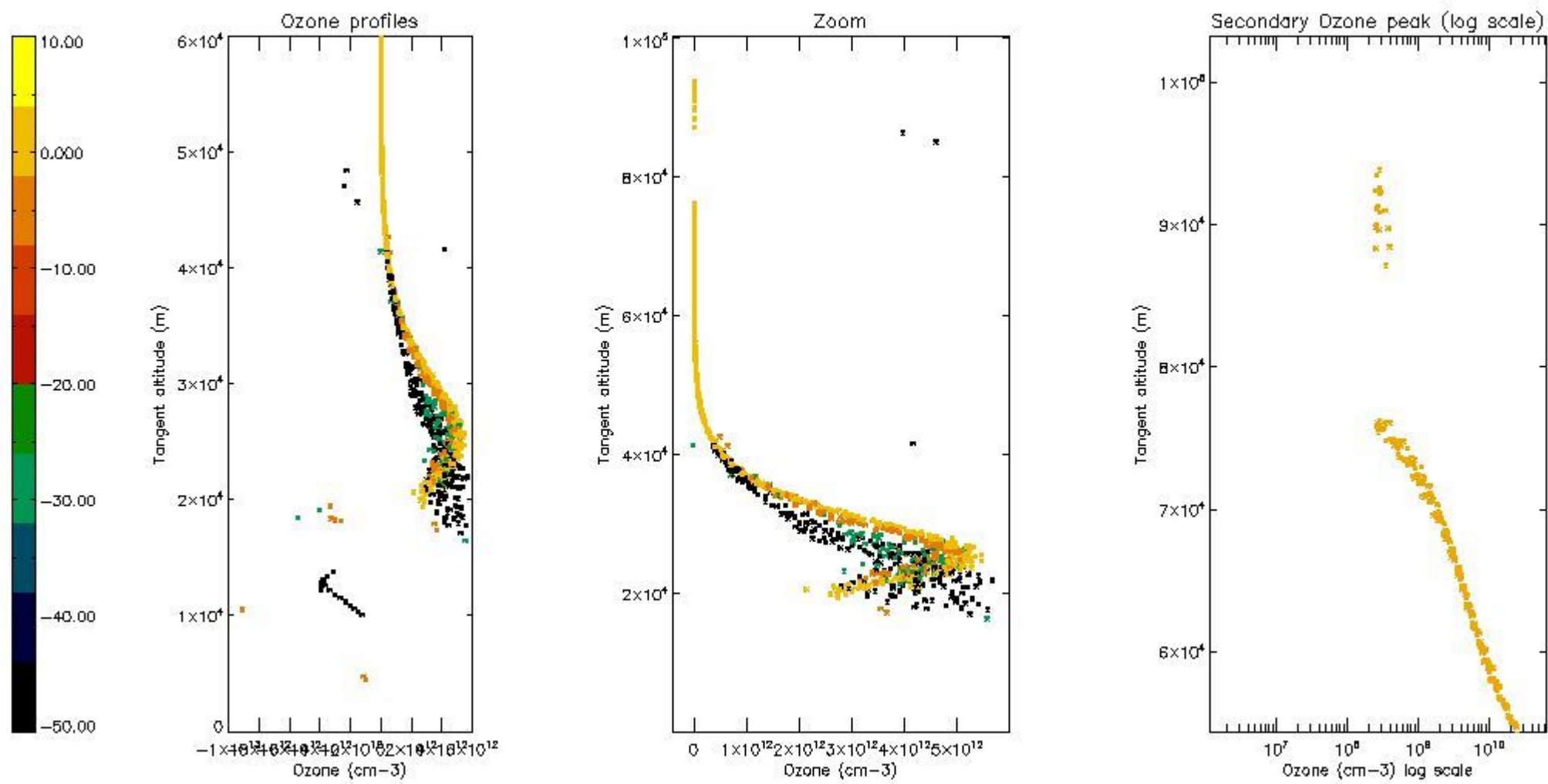
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



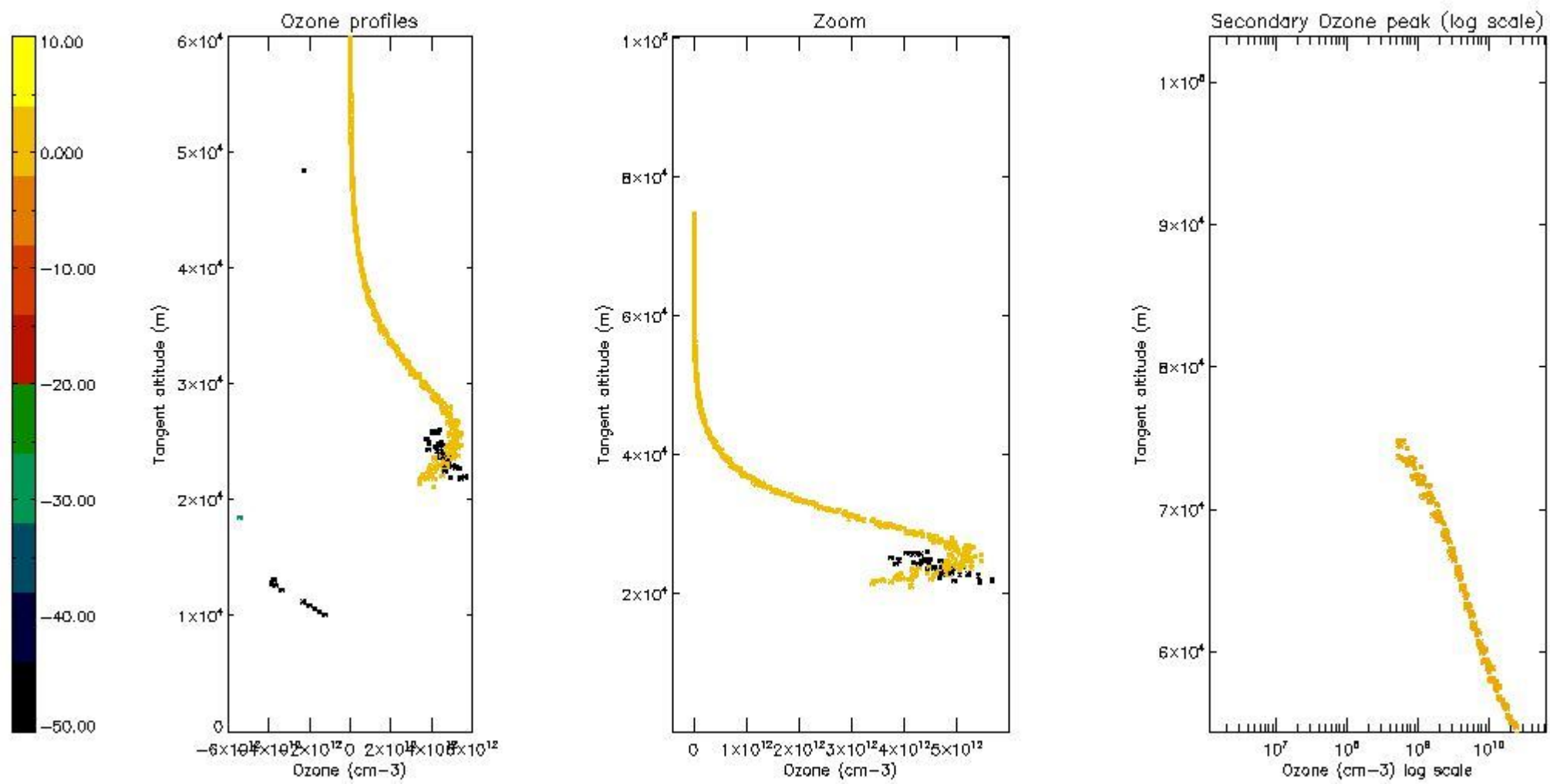
*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



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

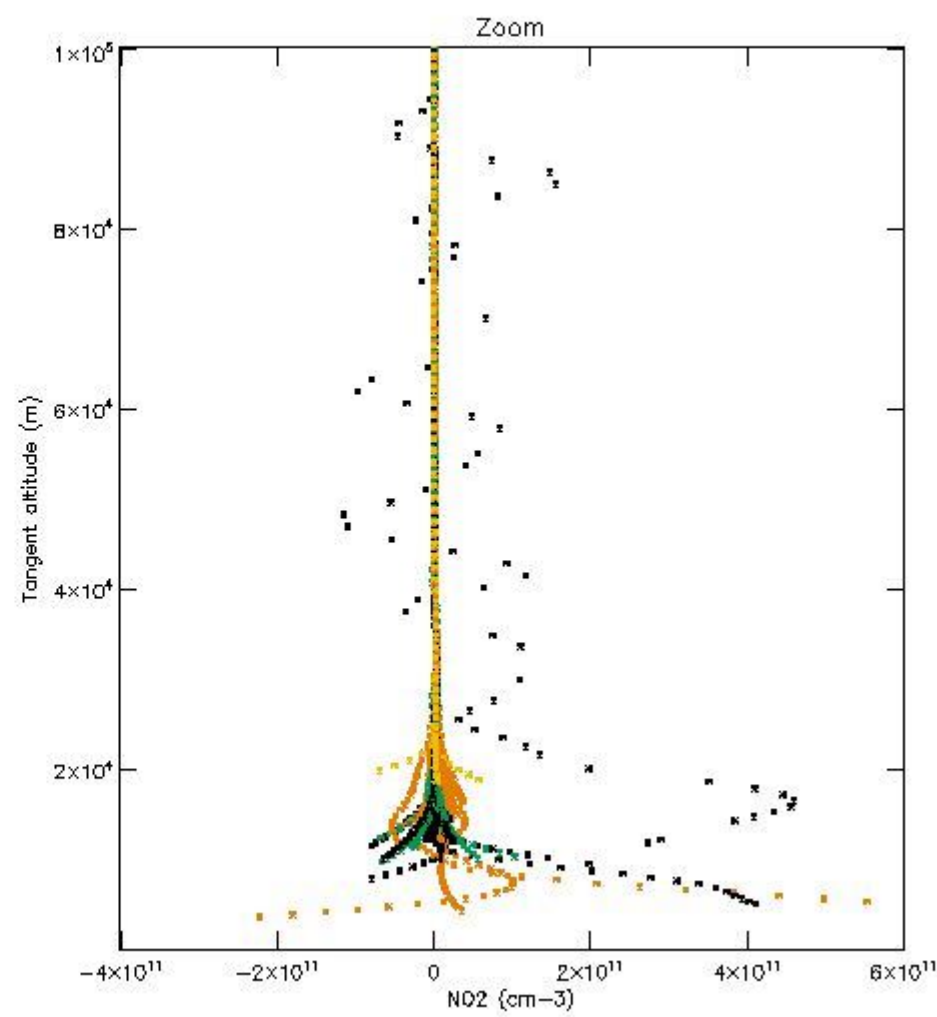
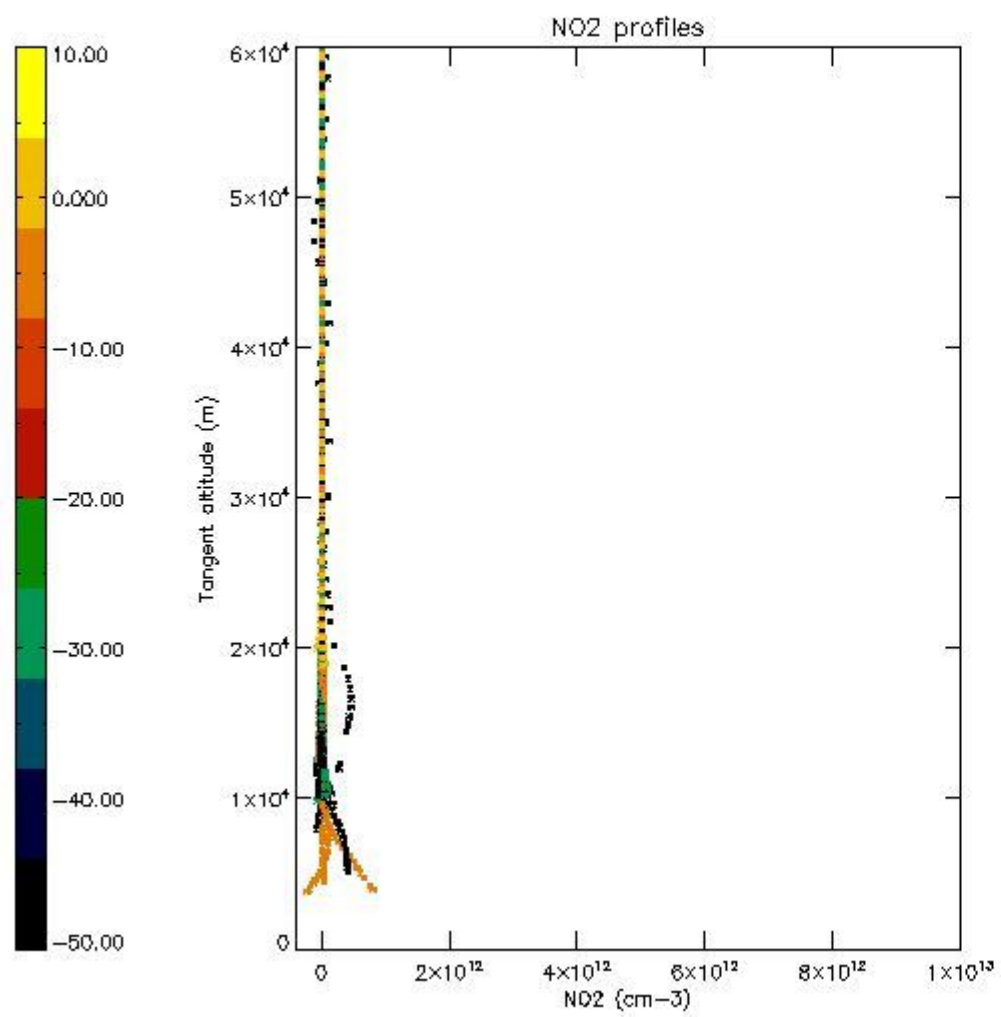
The colorbar represents the latitude.



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

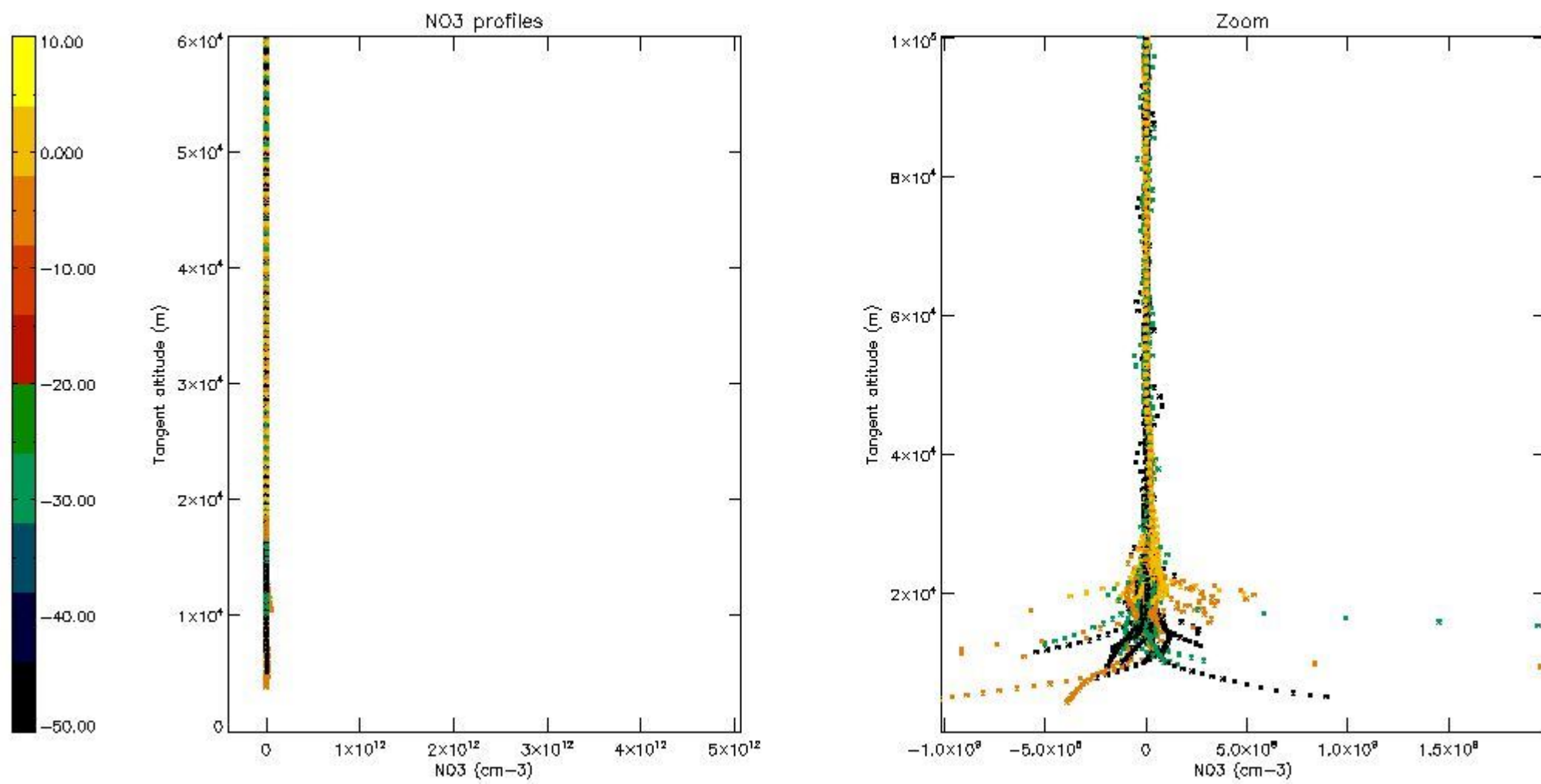
The colorbar represents the latitude.





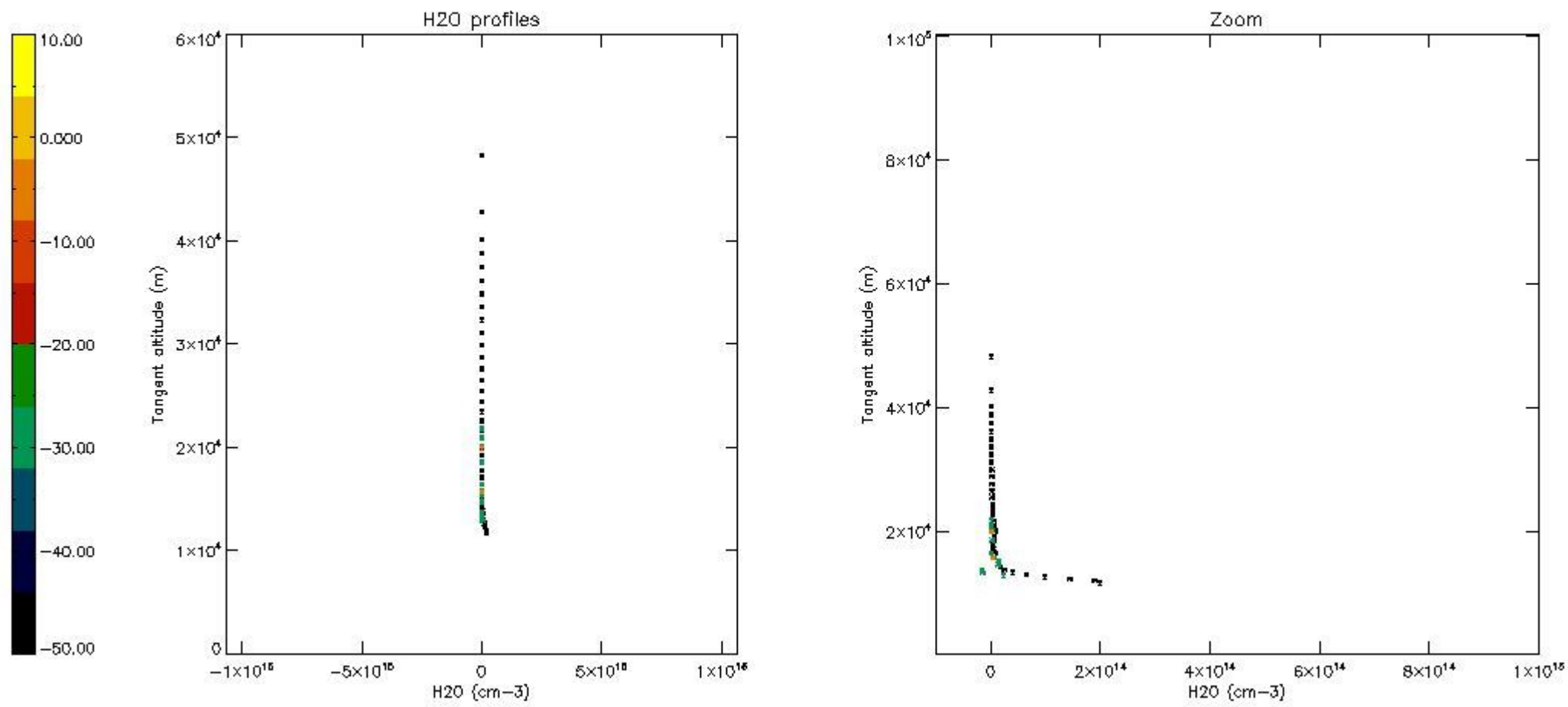
*5.7 Plot NO3 profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	09-JUN-2006 00:10:58
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	09-JUN-2006 00:10:58
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	09-JUN-2006 00:10:58

# GOMOS Level 2 Daily Report

## SUMMARY

### [1. General Info](#)

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

### [3. Level 2 Quality information per product](#)

#### [3.1 Plot of level 2 quality information per product \(time dependant\)](#)

#### [3.2 Plot of level 2 quality information per product \(world map\)](#)

### [4. Level 1 Quality information per product \(stored on level 2 products\)](#)

#### [4.1 Plot of level 1 quality information per product \(time dependant\)](#)

##### [4.1.1 Plot of level 1 quality information per product \(time dependant\): ASCENDING](#)

##### [4.1.2 Plot of level 1 quality information per product \(time dependant\): DESCENDING](#)

#### [4.2 Plot of level 1 quality information per product \(world map\)](#)

##### [4.2.1 Plot of level 1 quality information per product \(world map\): ASCENDING](#)

##### [4.2.2 Plot of level 1 quality information per product \(world map\): DESCENDING](#)

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

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

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

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

#### [5.4. Plot ozone profiles where STD < 10% \(dark without errors\)](#)

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

#### [5.6 Plot NO2 profiles for all STD \(dark without errors\)](#)

#### [5.7 Plot NO3 profiles for all STD \(dark without errors\)](#)

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

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

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

Item	Value
Time of report generation	23APR2013 23:26:50
Data source version	GOMOS/6.01
Start time of products	09-06-2006 (09JUN2006 00:00:00)
Stop time of products	10-06-2006 (10JUN2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	262
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__2PRFIN20060609_001058_000000392048_00245_22343_0646.N1	09-JUN-2006 00:10:58	Bright	39.000	76	27Gam Cas	2.3000	30000.	78	22343	No
2	GOM_NL__2PRFIN20060609_001648_000000392048_00245_22343_0647.N1	09-JUN-2006 00:16:48	Bright	38.500	73	57Gam1And	2.2600	13100.	77	22343	No
3	GOM_NL__2PRFIN20060609_001907_000000512048_00245_22343_0648.N1	09-JUN-2006 00:19:07	Bright	50.500	53	43Bet And	2.0480	3300.0	101	22343	No
4	GOM_NL__2PRFIN20060609_002222_000000452048_00245_22343_0649.N1	09-JUN-2006 00:22:22	Twilight	45.000	50	13Alp Ari	2.0070	4250.0	90	22343	No
5	GOM_NL__2PRFIN20060609_003653_000000532048_00245_22343_0650.N1	09-JUN-2006 00:36:53	Dark	52.500	52	16Bet Cet	2.0370	4500.0	105	22343	No
6	GOM_NL__2PRFIN20060609_004325_000000472048_00245_22343_0651.N1	09-JUN-2006 00:43:25	Dark	46.500	84	Alp Phe	2.3970	4500.0	93	22343	No
7	GOM_NL__2PRFIN20060609_004916_000000522048_00246_22344_0633.N1	09-JUN-2006 00:49:16	Dark	51.500	63	Bet Gru	2.1500	2800.0	103	22344	No
8	GOM_NL__2PRFIN20060609_005116_000000492048_00246_22344_0634.N1	09-JUN-2006 00:51:16	Dark	48.500	31	Alp Gru	1.7340	15200.	97	22344	No
9	GOM_NL__2PRFIN20060609_005542_000000422048_00246_22344_0635.N1	09-JUN-2006 00:55:42	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	22344	No
10	GOM_NL__2PRFIN20060609_010420_000000412048_00246_22344_0636.N1	09-JUN-2006 01:04:20	Straylight	41.000	40	The Sco	1.8590	7100.0	82	22344	No
11	GOM_NL__2PRFIN20060609_010605_000000432048_00246_22344_0637.N1	09-JUN-2006 01:06:05	Twilight	42.500	25	35Lam Sco	1.6200	28000.	85	22344	No
12	GOM_NL__2PRFIN20060609_010740_000000452048_00246_22344_0638.N1	09-JUN-2006 01:07:40	Twilight	44.500	75	26Eps Sco	2.2910	4250.0	89	22344	No
13	GOM_NL__2PRFIN20060609_010936_000000382048_00246_22344_0639.N1	09-JUN-2006 01:09:36	Bright	37.500	136	23Tau Sco	2.8220	30000.	75	22344	No
14	GOM_NL__2PRFIN20060609_011301_000000432048_00246_22344_0640.N1	09-JUN-2006 01:13:01	Bright	42.500	86	35Eta Oph	2.4300	10200.	85	22344	No
15	GOM_NL__2PRFIN20060609_011447_000000382048_00246_22344_0641.N1	09-JUN-2006 01:14:47	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	22344	No
16	GOM_NL__2PRFIN20060609_011655_000000382048_00246_22344_0642.N1	09-JUN-2006 01:16:55	Bright	37.500	120	1Del Oph	2.7340	3200.0	75	22344	No
17	GOM_NL__2PRFIN20060609_012430_000000382048_00246_22344_0643.N1	09-JUN-2006 01:24:30	Bright	37.500	127	27Bet Her	2.7810	4700.0	75	22344	No
18	GOM_NL__2PRFIN20060609_012742_000000392048_00246_22344_0644.N1	09-JUN-2006 01:27:42	Bright	38.500	133	40Zet Her	2.8070	6000.0	77	22344	No
19	GOM_NL__2PRFIN20060609_013451_000000412048_00246_22344_0645.N1	09-JUN-2006 01:34:51	Bright	41.000	130	23Bet Dra	2.7990	5800.0	82	22344	No
20	GOM_NL__2PRFIN20060609_015134_000000452048_00246_22344_0646.N1	09-JUN-2006 01:51:34	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	22344	No
21	GOM_NL__2PRFIN20060609_015724_000000372048_00246_22344_0647.N1	09-JUN-2006 01:57:24	Bright	36.500	73	57Gam1And	2.2600	13100.	73	22344	No
22	GOM_NL__2PRFIN20060609_015933_000000362048_00246_22344_0648.N1	09-JUN-2006 01:59:33	Bright	36.000	173	4Bet Tri	3.0040	8900.0	72	22344	No
23	GOM_NL__2PRFIN20060609_020258_000000452048_00246_22344_0649.N1	09-JUN-2006 02:02:58	Twilight	45.000	50	13Alp Ari	2.0070	4250.0	90	22344	No
24	GOM_NL__2PRFIN20060609_021730_000000532048_00246_22344_0650.N1	09-JUN-2006 02:17:30	Dark	52.500	52	16Bet Cet	2.0370	4500.0	105	22344	No
25	GOM_NL__2PRFIN20060609_022402_000000422048_00246_22344_0651.N1	09-JUN-2006 02:24:02	Dark	41.500	84	Alp Phe	2.3970	4500.0	83	22344	No
26	GOM_NL__2PRFIN20060609_022953_000000632048_00247_22345_0634.N1	09-JUN-2006 02:29:53	Dark	62.500	63	Bet Gru	2.1500	2800.0	125	22345	No
27	GOM_NL__2PRFIN20060609_023153_000000502048_00247_22345_0635.N1	09-JUN-2006 02:31:53	Dark	49.500	31	Alp Gru	1.7340	15200.	99	22345	No
28	GOM_NL__2PRFIN20060609_023618_000000432048_00247_22345_0636.N1	09-JUN-2006 02:36:18	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	22345	No
29	GOM_NL__2PRFIN20060609_024456_000000472048_00247_22345_0637.N1	09-JUN-2006 02:44:56	Straylight	46.500	40	The Sco	1.8590	7100.0	93	22345	No
30	GOM_NL__2PRFIN20060609_024641_000000462048_00247_22345_0638.N1	09-JUN-2006 02:46:41	Twilight	45.500	25	35Lam Sco	1.6200	28000.	91	22345	No
31	GOM_NL__2PRFIN20060609_024816_000000442048_00247_22345_0639.N1	09-JUN-2006 02:48:16	Twilight	43.500	75	26Eps Sco	2.2910	4250.0	87	22345	No
32	GOM_NL__2PRFIN20060609_025013_000000382048_00247_22345_0640.N1	09-JUN-2006 02:50:13	Bright	38.000	136	23Tau Sco	2.8220	30000.	76	22345	No
33	GOM_NL__2PRFIN20060609_025337_000000422048_00247_22345_0641.N1	09-JUN-2006 02:53:37	Bright	42.000	86	35Eta Oph	2.4300	10200.	84	22345	No
34	GOM_NL__2PRFIN20060609_025524_000000382048_00247_22345_0642.N1	09-JUN-2006 02:55:24	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	22345	No
35	GOM_NL__2PRFIN20060609_025731_000000372048_00247_22345_0643.N1	09-JUN-2006 02:57:31	Bright	37.000	120	1Del Oph	2.7340	3200.0	74	22345	No
36	GOM_NL__2PRFIN20060609_030505_000000412048_00247_22345_0644.N1	09-JUN-2006 03:05:05	Bright	40.500	127	27Bet Her	2.7810	4700.0	81	22345	No
37	GOM_NL__2PRFIN20060609_030818_000000392048_00247_22345_0645.N1	09-JUN-2006 03:08:18	Bright	39.000	133	40Zet Her	2.8070	6000.0	78	22345	No
38	GOM_NL__2PRFIN20060609_031527_000000392048_00247_22345_0646.N1	09-JUN-2006 03:15:27	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	22345	No
39	GOM_NL__2PRFIN20060609_033210_000000382048_00247_22345_0647.N1	09-JUN-2006 03:32:10	Bright	37.500	76	27Gam Cas	2.3000	30000.	75	22345	No
40	GOM_NL__2PRFIN20060609_033800_000000382048_00247_22345_0648.N1	09-JUN-2006 03:38:00	Bright	38.000	73	57Gam1And	2.2600	13100.	76	22345	No
41	GOM_NL__2PRFIN20060609_034009_000000372048_00247_22345_0649.N1	09-JUN-2006 03:40:09	Bright	36.500	173	4Bet Tri	3.0040	8900.0	73	22345	No
42	GOM_NL__2PRFIN20060609_034334_000000452048_00247_22345_0650.N1	09-JUN-2006 03:43:34	Twilight	45.000	50	13Alp Ari	2.0070	4250.0	90	22345	No

43	GOM_NL__2PRFIN20060609_035807_000000552048_00247_22345_0651.N1	09-JUN-2006 03:58:07	Dark	55.000	52	16Bet Cet	2.0370	4500.0	110	22345	No
44	GOM_NL__2PRFIN20060609_040438_000000472048_00247_22345_0652.N1	09-JUN-2006 04:04:38	Dark	46.500	84	Alp Phe	2.3970	4500.0	93	22345	No
45	GOM_NL__2PRFIN20060609_041030_000000512048_00248_22346_0634.N1	09-JUN-2006 04:10:30	Dark	50.500	63	Bet Gru	2.1500	2800.0	101	22346	No
46	GOM_NL__2PRFIN20060609_041230_000000482048_00248_22346_0635.N1	09-JUN-2006 04:12:30	Dark	47.500	31	Alp Gru	1.7340	15200.	95	22346	No
47	GOM_NL__2PRFIN20060609_041655_000000442048_00248_22346_0636.N1	09-JUN-2006 04:16:55	Straylight	44.000	45	Alp Pav	1.9400	26000.	88	22346	No
48	GOM_NL__2PRFIN20060609_042533_000000442048_00248_22346_0637.N1	09-JUN-2006 04:25:33	Straylight	44.000	40	The Sco	1.8590	7100.0	88	22346	No
49	GOM_NL__2PRFIN20060609_042718_000000442048_00248_22346_0638.N1	09-JUN-2006 04:27:18	Tw_i_and_stray	43.500	25	35Lam Sco	1.6200	28000.	87	22346	No
50	GOM_NL__2PRFIN20060609_042853_000000432048_00248_22346_0639.N1	09-JUN-2006 04:28:53	Tw_i_and_stray	42.500	75	26Eps Sco	2.2910	4250.0	85	22346	No
51	GOM_NL__2PRFIN20060609_043049_000000382048_00248_22346_0640.N1	09-JUN-2006 04:30:49	Bright	38.000	136	23Tau Sco	2.8220	30000.	76	22346	No
52	GOM_NL__2PRFIN20060609_043413_000000422048_00248_22346_0641.N1	09-JUN-2006 04:34:13	Bright	41.500	86	35Eta Oph	2.4300	10200.	83	22346	No
53	GOM_NL__2PRFIN20060609_043600_000000392048_00248_22346_0642.N1	09-JUN-2006 04:36:00	Bright	39.000	98	13Zet Oph	2.5710	30000.	78	22346	No
54	GOM_NL__2PRFIN20060609_043807_000000372048_00248_22346_0643.N1	09-JUN-2006 04:38:07	Bright	36.500	120	1Del Oph	2.7340	3200.0	73	22346	No
55	GOM_NL__2PRFIN20060609_044541_000000402048_00248_22346_0644.N1	09-JUN-2006 04:45:41	Bright	40.000	127	27Bet Her	2.7810	4700.0	80	22346	No
56	GOM_NL__2PRFIN20060609_044854_000000412048_00248_22346_0645.N1	09-JUN-2006 04:48:54	Bright	41.000	133	40Zet Her	2.8070	6000.0	82	22346	No
57	GOM_NL__2PRFIN20060609_045602_000000422048_00248_22346_0646.N1	09-JUN-2006 04:56:02	Bright	42.000	130	23Bet Dra	2.7990	5800.0	84	22346	No
58	GOM_NL__2PRFIN20060609_051246_000000372048_00248_22346_0647.N1	09-JUN-2006 05:12:46	Bright	37.000	76	27Gam Cas	2.3000	30000.	74	22346	No
59	GOM_NL__2PRFIN20060609_051836_000000382048_00248_22346_0648.N1	09-JUN-2006 05:18:36	Bright	37.500	73	57Gam1And	2.2600	13100.	75	22346	No
60	GOM_NL__2PRFIN20060609_052055_000000552048_00248_22346_0649.N1	09-JUN-2006 05:20:55	Bright	55.000	53	43Bet And	2.0480	3300.0	110	22346	No
61	GOM_NL__2PRFIN20060609_052410_000000442048_00248_22346_0650.N1	09-JUN-2006 05:24:10	Twilight	43.500	50	13Alp Ari	2.0070	4250.0	87	22346	No
62	GOM_NL__2PRFIN20060609_053844_000000582048_00248_22346_0651.N1	09-JUN-2006 05:38:44	Dark	57.500	52	16Bet Cet	2.0370	4500.0	115	22346	No
63	GOM_NL__2PRFIN20060609_054515_000000422048_00248_22346_0652.N1	09-JUN-2006 05:45:15	Dark	42.000	84	Alp Phe	2.3970	4500.0	84	22346	No
64	GOM_NL__2PRFIN20060609_055107_000000632048_00249_22347_0634.N1	09-JUN-2006 05:51:07	Dark	63.000	63	Bet Gru	2.1500	2800.0	126	22347	No
65	GOM_NL__2PRFIN20060609_055307_000000472048_00249_22347_0635.N1	09-JUN-2006 05:53:07	Dark	46.500	31	Alp Gru	1.7340	15200.	93	22347	No
66	GOM_NL__2PRFIN20060609_055732_000000432048_00249_22347_0636.N1	09-JUN-2006 05:57:32	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	22347	No
67	GOM_NL__2PRFIN20060609_060609_000000452048_00249_22347_0637.N1	09-JUN-2006 06:06:09	Straylight	44.500	40	The Sco	1.8590	7100.0	89	22347	No
68	GOM_NL__2PRFIN20060609_060754_000000432048_00249_22347_0638.N1	09-JUN-2006 06:07:54	Tw_i_and_stray	42.500	25	35Lam Sco	1.6200	28000.	85	22347	No
69	GOM_NL__2PRFIN20060609_060929_000000442048_00249_22347_0639.N1	09-JUN-2006 06:09:29	Tw_i_and_stray	43.500	75	26Eps Sco	2.2910	4250.0	87	22347	No
70	GOM_NL__2PRFIN20060609_061125_000000382048_00249_22347_0640.N1	09-JUN-2006 06:11:25	Bright	38.000	136	23Tau Sco	2.8220	30000.	76	22347	No
71	GOM_NL__2PRFIN20060609_061449_000000412048_00249_22347_0641.N1	09-JUN-2006 06:14:49	Bright	40.500	86	35Eta Oph	2.4300	10200.	81	22347	No
72	GOM_NL__2PRFIN20060609_061636_000000392048_00249_22347_0642.N1	09-JUN-2006 06:16:36	Bright	38.500	98	13Zet Oph	2.5710	30000.	77	22347	No
73	GOM_NL__2PRFIN20060609_061843_000000372048_00249_22347_0643.N1	09-JUN-2006 06:18:43	Bright	36.500	120	1Del Oph	2.7340	3200.0	73	22347	No
74	GOM_NL__2PRFIN20060609_062617_000000402048_00249_22347_0644.N1	09-JUN-2006 06:26:17	Bright	40.000	127	27Bet Her	2.7810	4700.0	80	22347	No
75	GOM_NL__2PRFIN20060609_062929_000000432048_00249_22347_0645.N1	09-JUN-2006 06:29:29	Bright	42.500	133	40Zet Her	2.8070	6000.0	85	22347	No
76	GOM_NL__2PRFIN20060609_063638_000000422048_00249_22347_0646.N1	09-JUN-2006 06:36:38	Bright	42.000	130	23Bet Dra	2.7990	5800.0	84	22347	No
77	GOM_NL__2PRFIN20060609_065322_000000572048_00249_22347_0647.N1	09-JUN-2006 06:53:22	Bright	57.000	76	27Gam Cas	2.3000	30000.	114	22347	No
78	GOM_NL__2PRFIN20060609_065912_000000382048_00249_22347_0648.N1	09-JUN-2006 06:59:12	Bright	37.500	73	57Gam1And	2.2600	13100.	75	22347	No
79	GOM_NL__2PRFIN20060609_070131_000000612048_00249_22347_0649.N1	09-JUN-2006 07:01:31	Bright	61.000	53	43Bet And	2.0480	3300.0	122	22347	No
80	GOM_NL__2PRFIN20060609_070447_000000442048_00249_22347_0650.N1	09-JUN-2006 07:04:47	Twilight	44.000	50	13Alp Ari	2.0070	4250.0	88	22347	No
81	GOM_NL__2PRFIN20060609_071921_000000552048_00249_22347_0651.N1	09-JUN-2006 07:19:21	Dark	55.000	52	16Bet Cet	2.0370	4500.0	110	22347	No
82	GOM_NL__2PRFIN20060609_072552_000000462048_00249_22347_0652.N1	09-JUN-2006 07:25:52	Dark	45.500	84	Alp Phe	2.3970	4500.0	91	22347	No
83	GOM_NL__2PRFIN20060609_073143_000000642048_00250_22348_0634.N1	09-JUN-2006 07:31:43	Dark	63.500	63	Bet Gru	2.1500	2800.0	127	22348	No
84	GOM_NL__2PRFIN20060609_073344_000000482048_00250_22348_0635.N1	09-JUN-2006 07:33:44	Dark	48.000	31	Alp Gru	1.7340	15200.	96	22348	No
85	GOM_NL__2PRFIN20060609_073808_000000442048_00250_22348_0636.N1	09-JUN-2006 07:38:08	Straylight	44.000	45	Alp Pav	1.9400	26000.	88	22348	No
86	GOM_NL__2PRFIN20060609_074646_000000422048_00250_22348_0637.N1	09-JUN-2006 07:46:46	Straylight	42.000	40	The Sco	1.8590	7100.0	84	22348	No
87	GOM_NL__2PRFIN20060609_074831_000000442048_00250_22348_0638.N1	09-JUN-2006 07:48:31	Tw_i_and_stray	44.000	25	35Lam Sco	1.6200	28000.	88	22348	No
88	GOM_NL__2PRFIN20060609_075005_000000422048_00250_22348_0639.N1	09-JUN-2006 07:50:05	Tw_i_and_stray	42.000	75	26Eps Sco	2.2910	4250.0	84	22348	No
89	GOM_NL__2PRFIN20060609_075201_000000382048_00250_22348_0640.N1	09-JUN-2006 07:52:01	Bright	37.500	136	23Tau Sco	2.8220	30000.	75	22348	No
90	GOM_NL__2PRFIN20060609_075525_000000412048_00250_22348_0641.N1	09-JUN-2006 07:55:25	Bright	40.500	86	35Eta Oph	2.4300	10200.	81	22348	No
91	GOM_NL__2PRFIN20060609_075712_000000392048_00250_22348_0642.N1	09-JUN-2006 07:57:12	Bright	39.000	98	13Zet Oph	2.5710	30000.	78	22348	No
92	GOM_NL__2PRFIN20060609_075919_000000372048_00250_22348_0643.N1	09-JUN-2006 07:59:19	Bright	36.500	120	1Del Oph	2.7340	3200.0	73	22348	No
93	GOM_NL__2PRFIN20060609_080653_000000372048_00250_22348_0644.N1	09-JUN-2006 08:06:53	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	22348	No
94	GOM_NL__2PRFIN20060609_081005_000000582048_00250_22348_0645.N1	09-JUN-2006 08:10:05	Bright	58.000	133	40Zet Her	2.8070	6000.0	116	22348	No
95	GOM_NL__2PRFIN20060609_081713_000000412048_00250_22348_0646.N1	09-JUN-2006 08:17:13	Bright	41.000	130	23Bet Dra	2.7990	5800.0	82	22348	No
96	GOM_NL__2PRFIN20060609_083358_000000382048_00250_22348_0647.N1	09-JUN-2006 08:33:58	Bright	38.000	76	27Gam Cas	2.3000	30000.	76	22348	No
97	GOM_NL__2PRFIN20060609_083948_000000372048_00250_22348_0648.N1	09-JUN-2006 08:39:48	Bright	37.000	73	57Gam1And	2.2600	13100.	74	22348	No
98	GOM_NL__2PRFIN20060609_084207_000000612048_00250_22348_0649.N1	09-JUN-2006 08:42:07	Bright	61.000	53	43Bet And	2.0480	3300.0	122	22348	No
99	GOM_NL__2PRFIN20060609_084523_000000442048_00250_22348_0650.N1	09-JUN-2006 08:45:23	Twilight	43.500	50	13Alp Ari	2.0070	4250.0	87	22348	No
100	GOM_NL__2PRFIN20060609_085957_000000522048_00250_22348_0651.N1	09-JUN-2006 08:59:57	Dark	51.500	52	16Bet Cet	2.0370	4500.0	103	22348	No
101	GOM_NL__2PRFIN20060609_090628_000000462048_00250_22348_0652.N1	09-JUN-2006 09:06:28	Dark	45.500	84	Alp Phe	2.3970	4500.0	91	22348	No

102	GOM_NL__2PRFIN20060609_091220_000000542048_00251_22349_0634.N1	09-JUN-2006 09:12:20	Dark	54.000	63	Bet Gru	2.1500	2800.0	108	22349	No
103	GOM_NL__2PRFIN20060609_091421_000000462048_00251_22349_0635.N1	09-JUN-2006 09:14:21	Dark	45.500	31	Alp Gru	1.7340	15200.	91	22349	No
104	GOM_NL__2PRFIN20060609_091845_000000432048_00251_22349_0636.N1	09-JUN-2006 09:18:45	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	22349	No
105	GOM_NL__2PRFIN20060609_092722_000000482048_00251_22349_0637.N1	09-JUN-2006 09:27:22	Straylight	47.500	40	The Sco	1.8590	7100.0	95	22349	No
106	GOM_NL__2PRFIN20060609_092907_000000452048_00251_22349_0638.N1	09-JUN-2006 09:29:07	Twi_and_stray	44.500	25	35Lam Sco	1.6200	28000.	89	22349	No
107	GOM_NL__2PRFIN20060609_093042_000000452048_00251_22349_0639.N1	09-JUN-2006 09:30:42	Twi_and_stray	45.000	75	26Eps Sco	2.2910	4250.0	90	22349	No
108	GOM_NL__2PRFIN20060609_093237_000000372048_00251_22349_0640.N1	09-JUN-2006 09:32:37	Bright	37.000	136	23Tau Sco	2.8220	30000.	74	22349	No
109	GOM_NL__2PRFIN20060609_093601_000000412048_00251_22349_0641.N1	09-JUN-2006 09:36:01	Bright	40.500	86	35Eta Oph	2.4300	10200.	81	22349	No
110	GOM_NL__2PRFIN20060609_093748_000000392048_00251_22349_0642.N1	09-JUN-2006 09:37:48	Bright	38.500	98	13Zet Oph	2.5710	30000.	77	22349	No
111	GOM_NL__2PRFIN20060609_093955_000000372048_00251_22349_0643.N1	09-JUN-2006 09:39:55	Bright	37.000	120	1Del Oph	2.7340	3200.0	74	22349	No
112	GOM_NL__2PRFIN20060609_094729_000000402048_00251_22349_0644.N1	09-JUN-2006 09:47:29	Bright	40.000	127	27Bet Her	2.7810	4700.0	80	22349	No
113	GOM_NL__2PRFIN20060609_095040_000000382048_00251_22349_0645.N1	09-JUN-2006 09:50:40	Bright	37.500	133	40Zet Her	2.8070	6000.0	75	22349	No
114	GOM_NL__2PRFIN20060609_095749_000000422048_00251_22349_0646.N1	09-JUN-2006 09:57:49	Bright	41.500	130	23Bet Dra	2.7990	5800.0	83	22349	No
115	GOM_NL__2PRFIN20060609_101433_000000512048_00251_22349_0647.N1	09-JUN-2006 10:14:33	Bright	51.000	76	27Gam Cas	2.3000	30000.	102	22349	No
116	GOM_NL__2PRFIN20060609_102024_000000362048_00251_22349_0648.N1	09-JUN-2006 10:20:24	Bright	35.500	73	57Gam1And	2.2600	13100.	71	22349	No
117	GOM_NL__2PRFIN20060609_102243_000000542048_00251_22349_0649.N1	09-JUN-2006 10:22:43	Bright	53.500	53	43Bet And	2.0480	3300.0	107	22349	No
118	GOM_NL__2PRFIN20060609_102559_000000452048_00251_22349_0650.N1	09-JUN-2006 10:25:59	Twilight	45.000	50	13Alp Ari	2.0070	4250.0	90	22349	No
119	GOM_NL__2PRFIN20060609_104034_000000522048_00251_22349_0651.N1	09-JUN-2006 10:40:34	Dark	51.500	52	16Bet Cet	2.0370	4500.0	103	22349	No
120	GOM_NL__2PRFIN20060609_104705_000000502048_00251_22349_0652.N1	09-JUN-2006 10:47:05	Dark	49.500	84	Alp Phe	2.3970	4500.0	99	22349	No
121	GOM_NL__2PRFIN20060609_105249_000000582048_00252_22350_0634.N1	09-JUN-2006 10:52:49	Dark	58.000	63	Bet Gru	2.1500	2800.0	116	22350	No
122	GOM_NL__2PRFIN20060609_105449_000000582048_00252_22350_0635.N1	09-JUN-2006 10:54:49	Dark	57.500	31	Alp Gru	1.7340	15200.	115	22350	No
123	GOM_NL__2PRFIN20060609_105914_000000502048_00252_22350_0636.N1	09-JUN-2006 10:59:14	Straylight	49.500	45	Alp Pav	1.9400	26000.	99	22350	No
124	GOM_NL__2PRFIN20060609_110751_000000522048_00252_22350_0637.N1	09-JUN-2006 11:07:51	Straylight	52.000	40	The Sco	1.8590	7100.0	104	22350	No
125	GOM_NL__2PRFIN20060609_110936_000000522048_00252_22350_0638.N1	09-JUN-2006 11:09:36	Twi_and_stray	52.000	25	35Lam Sco	1.6200	28000.	104	22350	No
126	GOM_NL__2PRFIN20060609_111111_000000522048_00252_22350_0639.N1	09-JUN-2006 11:11:11	Twi_and_stray	51.500	75	26Eps Sco	2.2910	4250.0	103	22350	No
127	GOM_NL__2PRFIN20060609_111630_000000492048_00252_22350_0640.N1	09-JUN-2006 11:16:30	Bright	49.000	86	35Eta Oph	2.4300	10200.	98	22350	No
128	GOM_NL__2PRFIN20060609_111817_000000452048_00252_22350_0641.N1	09-JUN-2006 11:18:17	Bright	45.000	98	13Zet Oph	2.5710	30000.	90	22350	No
129	GOM_NL__2PRFIN20060609_112024_000000442048_00252_22350_0642.N1	09-JUN-2006 11:20:24	Bright	44.000	120	1Del Oph	2.7340	3200.0	88	22350	No
130	GOM_NL__2PRFIN20060609_112757_000000472048_00252_22350_0643.N1	09-JUN-2006 11:27:57	Bright	47.000	127	27Bet Her	2.7810	4700.0	94	22350	No
131	GOM_NL__2PRFIN20060609_113109_000000652048_00252_22350_0644.N1	09-JUN-2006 11:31:09	Bright	65.000	133	40Zet Her	2.8070	6000.0	130	22350	No
132	GOM_NL__2PRFIN20060609_113817_000000502048_00252_22350_0645.N1	09-JUN-2006 11:38:17	Bright	49.500	130	23Bet Dra	2.7990	5800.0	99	22350	No
133	GOM_NL__2PRFIN20060609_115502_000000652048_00252_22350_0646.N1	09-JUN-2006 11:55:02	Bright	65.000	76	27Gam Cas	2.3000	30000.	130	22350	No
134	GOM_NL__2PRFIN20060609_120053_000000452048_00252_22350_0647.N1	09-JUN-2006 12:00:53	Bright	45.000	73	57Gam1And	2.2600	13100.	90	22350	No
135	GOM_NL__2PRFIN20060609_120312_000000642048_00252_22350_0648.N1	09-JUN-2006 12:03:12	Bright	63.500	53	43Bet And	2.0480	3300.0	127	22350	No
136	GOM_NL__2PRFIN20060609_120628_000000512048_00252_22350_0649.N1	09-JUN-2006 12:06:28	Twilight	50.500	50	13Alp Ari	2.0070	4250.0	101	22350	No
137	GOM_NL__2PRFIN20060609_122103_000000602048_00252_22350_0650.N1	09-JUN-2006 12:21:03	Dark	59.500	52	16Bet Cet	2.0370	4500.0	119	22350	No
138	GOM_NL__2PRFIN20060609_122734_000000562048_00252_22350_0651.N1	09-JUN-2006 12:27:34	Dark	56.000	84	Alp Phe	2.3970	4500.0	112	22350	No
139	GOM_NL__2PRFIN20060609_123326_000000572048_00253_22351_0654.N1	09-JUN-2006 12:33:26	Dark	56.500	63	Bet Gru	2.1500	2800.0	113	22351	No
140	GOM_NL__2PRFIN20060609_123526_000000552048_00253_22351_0655.N1	09-JUN-2006 12:35:26	Dark	54.500	31	Alp Gru	1.7340	15200.	109	22351	No
141	GOM_NL__2PRFIN20060609_123951_000000502048_00253_22351_0656.N1	09-JUN-2006 12:39:51	Straylight	49.500	45	Alp Pav	1.9400	26000.	99	22351	No
142	GOM_NL__2PRFIN20060609_124828_000000542048_00253_22351_0657.N1	09-JUN-2006 12:48:28	Straylight	53.500	40	The Sco	1.8590	7100.0	107	22351	No
143	GOM_NL__2PRFIN20060609_125012_000000502048_00253_22351_0658.N1	09-JUN-2006 12:50:12	Twi_and_stray	50.000	25	35Lam Sco	1.6200	28000.	100	22351	No
144	GOM_NL__2PRFIN20060609_125147_000000502048_00253_22351_0659.N1	09-JUN-2006 12:51:47	Twi_and_stray	49.500	75	26Eps Sco	2.2910	4250.0	99	22351	No
145	GOM_NL__2PRFIN20060609_125706_000000492048_00253_22351_0660.N1	09-JUN-2006 12:57:06	Bright	48.500	86	35Eta Oph	2.4300	10200.	97	22351	No
146	GOM_NL__2PRFIN20060609_125853_000000462048_00253_22351_0661.N1	09-JUN-2006 12:58:53	Bright	45.500	98	13Zet Oph	2.5710	30000.	91	22351	No
147	GOM_NL__2PRFIN20060609_130100_000000442048_00253_22351_0662.N1	09-JUN-2006 13:01:00	Bright	43.500	120	1Del Oph	2.7340	3200.0	87	22351	No
148	GOM_NL__2PRFIN20060609_130833_000000442048_00253_22351_0663.N1	09-JUN-2006 13:08:33	Bright	44.000	127	27Bet Her	2.7810	4700.0	88	22351	No
149	GOM_NL__2PRFIN20060609_131144_000000492048_00253_22351_0664.N1	09-JUN-2006 13:11:44	Bright	48.500	133	40Zet Her	2.8070	6000.0	97	22351	No
150	GOM_NL__2PRFIN20060609_131852_000000512048_00253_22351_0665.N1	09-JUN-2006 13:18:52	Bright	50.500	130	23Bet Dra	2.7990	5800.0	101	22351	No
151	GOM_NL__2PRFIN20060609_133537_000000572048_00253_22351_0666.N1	09-JUN-2006 13:35:37	Bright	56.500	76	27Gam Cas	2.3000	30000.	113	22351	No
152	GOM_NL__2PRFIN20060609_134129_000000442048_00253_22351_0667.N1	09-JUN-2006 13:41:29	Bright	44.000	73	57Gam1And	2.2600	13100.	88	22351	No
153	GOM_NL__2PRFIN20060609_134348_000000592048_00253_22351_0668.N1	09-JUN-2006 13:43:48	Bright	59.000	53	43Bet And	2.0480	3300.0	118	22351	No
154	GOM_NL__2PRFIN20060609_134704_000000522048_00253_22351_0669.N1	09-JUN-2006 13:47:04	Twilight	52.000	50	13Alp Ari	2.0070	4250.0	104	22351	No
155	GOM_NL__2PRFIN20060609_140140_000000582048_00253_22351_0670.N1	09-JUN-2006 14:01:40	Dark	57.500	52	16Bet Cet	2.0370	4500.0	115	22351	No
156	GOM_NL__2PRFIN20060609_140811_000000502048_00253_22351_0671.N1	09-JUN-2006 14:08:11	Dark	50.000	84	Alp Phe	2.3970	4500.0	100	22351	No
157	GOM_NL__2PRFIN20060609_141411_000000532048_00254_22352_0654.N1	09-JUN-2006 14:14:11	Dark	52.500	63	Bet Gru	2.1500	2800.0	105	22352	No
158	GOM_NL__2PRFIN20060609_141611_000000472048_00254_22352_0655.N1	09-JUN-2006 14:16:11	Dark	47.000	31	Alp Gru	1.7340	15200.	94	22352	No
159	GOM_NL__2PRFIN20060609_142035_000000432048_00254_22352_0656.N1	09-JUN-2006 14:20:35	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	22352	No
160	GOM_NL__2PRFIN20060609_142911_000000432048_00254_22352_0657.N1	09-JUN-2006 14:29:11	Straylight	43.000	40	The Sco	1.8590	7100.0	86	22352	No

161	GOM_NL__2PRFIN20060609_143056_000000472048_00254_22352_0658.N1	09-JUN-2006 14:30:56	Twilight	46.500	25	35Lam Sco	1.6200	28000.	93	22352	No
162	GOM_NL__2PRFIN20060609_143230_000000462048_00254_22352_0659.N1	09-JUN-2006 14:32:30	Twilight	45.500	75	26Eps Sco	2.2910	4250.0	91	22352	No
163	GOM_NL__2PRFIN20060609_143749_000000412048_00254_22352_0660.N1	09-JUN-2006 14:37:49	Bright	41.000	86	35Eta Oph	2.4300	10200.	82	22352	No
164	GOM_NL__2PRFIN20060609_143936_000000392048_00254_22352_0661.N1	09-JUN-2006 14:39:36	Bright	38.500	98	13Zet Oph	2.5710	30000.	77	22352	No
165	GOM_NL__2PRFIN20060609_144143_000000372048_00254_22352_0662.N1	09-JUN-2006 14:41:43	Bright	37.000	120	1Del Oph	2.7340	3200.0	74	22352	No
166	GOM_NL__2PRFIN20060609_144916_000000382048_00254_22352_0663.N1	09-JUN-2006 14:49:16	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	22352	No
167	GOM_NL__2PRFIN20060609_145227_000000552048_00254_22352_0664.N1	09-JUN-2006 14:52:27	Bright	55.000	133	40Zet Her	2.8070	6000.0	110	22352	No
168	GOM_NL__2PRFIN20060609_145935_000000422048_00254_22352_0665.N1	09-JUN-2006 14:59:35	Bright	42.000	130	23Bet Dra	2.7990	5800.0	84	22352	No
169	GOM_NL__2PRFIN20060609_151621_000000582048_00254_22352_0666.N1	09-JUN-2006 15:16:21	Bright	58.000	76	27Gam Cas	2.3000	30000.	116	22352	No
170	GOM_NL__2PRFIN20060609_152212_000000382048_00254_22352_0667.N1	09-JUN-2006 15:22:12	Bright	37.500	73	57Gam1And	2.2600	13100.	75	22352	No
171	GOM_NL__2PRFIN20060609_152431_000000542048_00254_22352_0668.N1	09-JUN-2006 15:24:31	Bright	53.500	53	43Bet And	2.0480	3300.0	107	22352	No
172	GOM_NL__2PRFIN20060609_152747_000000412048_00254_22352_0669.N1	09-JUN-2006 15:27:47	Twilight	41.000	50	13Alp Ari	2.0070	4250.0	82	22352	No
173	GOM_NL__2PRFIN20060609_154224_000000622048_00254_22352_0670.N1	09-JUN-2006 15:42:24	Dark	61.500	52	16Bet Cet	2.0370	4500.0	123	22352	No
174	GOM_NL__2PRFIN20060609_154855_000000432048_00254_22352_0671.N1	09-JUN-2006 15:48:55	Dark	43.000	84	Alp Phe	2.3970	4500.0	86	22352	No
175	GOM_NL__2PRFIN20060609_155448_000000512048_00255_22353_0654.N1	09-JUN-2006 15:54:48	Dark	50.500	63	Bet Gru	2.1500	2800.0	101	22353	No
176	GOM_NL__2PRFIN20060609_155648_000000482048_00255_22353_0655.N1	09-JUN-2006 15:56:48	Dark	48.000	31	Alp Gru	1.7340	15200.	96	22353	No
177	GOM_NL__2PRFIN20060609_160111_000000422048_00255_22353_0656.N1	09-JUN-2006 16:01:11	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	22353	No
178	GOM_NL__2PRFIN20060609_160947_000000472048_00255_22353_0657.N1	09-JUN-2006 16:09:47	Straylight	46.500	40	The Sco	1.8590	7100.0	93	22353	No
179	GOM_NL__2PRFIN20060609_161132_000000452048_00255_22353_0658.N1	09-JUN-2006 16:11:32	Twilight	45.000	25	35Lam Sco	1.6200	28000.	90	22353	No
180	GOM_NL__2PRFIN20060609_161306_000000432048_00255_22353_0659.N1	09-JUN-2006 16:13:06	Twilight	42.500	75	26Eps Sco	2.2910	4250.0	85	22353	No
181	GOM_NL__2PRFIN20060609_161826_000000412048_00255_22353_0660.N1	09-JUN-2006 16:18:26	Bright	40.500	86	35Eta Oph	2.4300	10200.	81	22353	No
182	GOM_NL__2PRFIN20060609_162012_000000392048_00255_22353_0661.N1	09-JUN-2006 16:20:12	Bright	38.500	98	13Zet Oph	2.5710	30000.	77	22353	No
183	GOM_NL__2PRFIN20060609_162219_000000382048_00255_22353_0662.N1	09-JUN-2006 16:22:19	Bright	37.500	120	1Del Oph	2.7340	3200.0	75	22353	No
184	GOM_NL__2PRFIN20060609_162952_000000402048_00255_22353_0663.N1	09-JUN-2006 16:29:52	Bright	40.000	127	27Bet Her	2.7810	4700.0	80	22353	No
185	GOM_NL__2PRFIN20060609_163303_000000372048_00255_22353_0664.N1	09-JUN-2006 16:33:03	Bright	37.000	133	40Zet Her	2.8070	6000.0	74	22353	No
186	GOM_NL__2PRFIN20060609_164010_000000422048_00255_22353_0665.N1	09-JUN-2006 16:40:10	Bright	42.000	130	23Bet Dra	2.7990	5800.0	84	22353	No
187	GOM_NL__2PRFIN20060609_165657_000000532048_00255_22353_0666.N1	09-JUN-2006 16:56:57	Bright	53.000	76	27Gam Cas	2.3000	30000.	106	22353	No
188	GOM_NL__2PRFIN20060609_170248_000000402048_00255_22353_0667.N1	09-JUN-2006 17:02:48	Bright	40.000	73	57Gam1And	2.2600	13100.	80	22353	No
189	GOM_NL__2PRFIN20060609_170507_000000562048_00255_22353_0668.N1	09-JUN-2006 17:05:07	Bright	55.500	53	43Bet And	2.0480	3300.0	111	22353	No
190	GOM_NL__2PRFIN20060609_170823_000000462048_00255_22353_0669.N1	09-JUN-2006 17:08:23	Twilight	45.500	50	13Alp Ari	2.0070	4250.0	91	22353	No
191	GOM_NL__2PRFIN20060609_172301_000000522048_00255_22353_0670.N1	09-JUN-2006 17:23:01	Dark	51.500	52	16Bet Cet	2.0370	4500.0	103	22353	No
192	GOM_NL__2PRFIN20060609_172931_000000482048_00255_22353_0671.N1	09-JUN-2006 17:29:31	Dark	48.000	84	Alp Phe	2.3970	4500.0	96	22353	No
193	GOM_NL__2PRFIN20060609_173525_000000512048_00256_22354_0654.N1	09-JUN-2006 17:35:25	Dark	50.500	63	Bet Gru	2.1500	2800.0	101	22354	No
194	GOM_NL__2PRFIN20060609_173725_000000492048_00256_22354_0655.N1	09-JUN-2006 17:37:25	Dark	48.500	31	Alp Gru	1.7340	15200.	97	22354	No
195	GOM_NL__2PRFIN20060609_174148_000000442048_00256_22354_0656.N1	09-JUN-2006 17:41:48	Straylight	43.500	45	Alp Pav	1.9400	26000.	87	22354	No
196	GOM_NL__2PRFIN20060609_175024_000000452048_00256_22354_0657.N1	09-JUN-2006 17:50:24	Straylight	45.000	40	The Sco	1.8590	7100.0	90	22354	No
197	GOM_NL__2PRFIN20060609_175208_000000452048_00256_22354_0658.N1	09-JUN-2006 17:52:08	Twilight	45.000	25	35Lam Sco	1.6200	28000.	90	22354	No
198	GOM_NL__2PRFIN20060609_175343_000000432048_00256_22354_0659.N1	09-JUN-2006 17:53:43	Twilight	43.000	75	26Eps Sco	2.2910	4250.0	86	22354	No
199	GOM_NL__2PRFIN20060609_175902_000000422048_00256_22354_0660.N1	09-JUN-2006 17:59:02	Bright	42.000	86	35Eta Oph	2.4300	10200.	84	22354	No
200	GOM_NL__2PRFIN20060609_180048_000000432048_00256_22354_0661.N1	09-JUN-2006 18:00:48	Bright	43.000	98	13Zet Oph	2.5710	30000.	86	22354	No
201	GOM_NL__2PRFIN20060609_180255_000000372048_00256_22354_0662.N1	09-JUN-2006 18:02:55	Bright	37.000	120	1Del Oph	2.7340	3200.0	74	22354	No
202	GOM_NL__2PRFIN20060609_181027_000000412048_00256_22354_0663.N1	09-JUN-2006 18:10:27	Bright	40.500	127	27Bet Her	2.7810	4700.0	81	22354	No
203	GOM_NL__2PRFIN20060609_181339_000000422048_00256_22354_0664.N1	09-JUN-2006 18:13:39	Bright	41.500	133	40Zet Her	2.8070	6000.0	83	22354	No
204	GOM_NL__2PRFIN20060609_182046_000000402048_00256_22354_0665.N1	09-JUN-2006 18:20:46	Bright	40.000	130	23Bet Dra	2.7990	5800.0	80	22354	No
205	GOM_NL__2PRFIN20060609_183732_000000452048_00256_22354_0666.N1	09-JUN-2006 18:37:32	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	22354	No
206	GOM_NL__2PRFIN20060609_184324_000000552048_00256_22354_0667.N1	09-JUN-2006 18:43:24	Bright	55.000	73	57Gam1And	2.2600	13100.	110	22354	No
207	GOM_NL__2PRFIN20060609_184543_000000572048_00256_22354_0668.N1	09-JUN-2006 18:45:43	Bright	56.500	53	43Bet And	2.0480	3300.0	113	22354	No
208	GOM_NL__2PRFIN20060609_184900_000000452048_00256_22354_0669.N1	09-JUN-2006 18:49:00	Twilight	45.000	50	13Alp Ari	2.0070	4250.0	90	22354	No
209	GOM_NL__2PRFIN20060609_190338_000000552048_00256_22354_0670.N1	09-JUN-2006 19:03:38	Dark	54.500	52	16Bet Cet	2.0370	4500.0	109	22354	No
210	GOM_NL__2PRFIN20060609_191008_000000502048_00256_22354_0671.N1	09-JUN-2006 19:10:08	Dark	49.500	84	Alp Phe	2.3970	4500.0	99	22354	No
211	GOM_NL__2PRFIN20060609_191602_000000492048_00257_22355_0654.N1	09-JUN-2006 19:16:02	Dark	49.000	63	Bet Gru	2.1500	2800.0	98	22355	No
212	GOM_NL__2PRFIN20060609_191802_000000482048_00257_22355_0655.N1	09-JUN-2006 19:18:02	Dark	47.500	31	Alp Gru	1.7340	15200.	95	22355	No
213	GOM_NL__2PRFIN20060609_192224_000000432048_00257_22355_0656.N1	09-JUN-2006 19:22:24	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	22355	No
214	GOM_NL__2PRFIN20060609_193100_000000442048_00257_22355_0657.N1	09-JUN-2006 19:31:00	Straylight	44.000	40	The Sco	1.8590	7100.0	88	22355	No
215	GOM_NL__2PRFIN20060609_193245_000000412048_00257_22355_0658.N1	09-JUN-2006 19:32:45	Twilight	41.000	25	35Lam Sco	1.6200	28000.	82	22355	No
216	GOM_NL__2PRFIN20060609_193419_000000422048_00257_22355_0659.N1	09-JUN-2006 19:34:19	Twilight	41.500	75	26Eps Sco	2.2910	4250.0	83	22355	No
217	GOM_NL__2PRFIN20060609_193938_000000392048_00257_22355_0660.N1	09-JUN-2006 19:39:38	Bright	39.000	86	35Eta Oph	2.4300	10200.	78	22355	No
218	GOM_NL__2PRFIN20060609_194124_000000382048_00257_22355_0661.N1	09-JUN-2006 19:41:24	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	22355	No
219	GOM_NL__2PRFIN20060609_194331_000000372048_00257_22355_0662.N1	09-JUN-2006 19:43:31	Bright	37.000	120	1Del Oph	2.7340	3200.0	74	22355	No

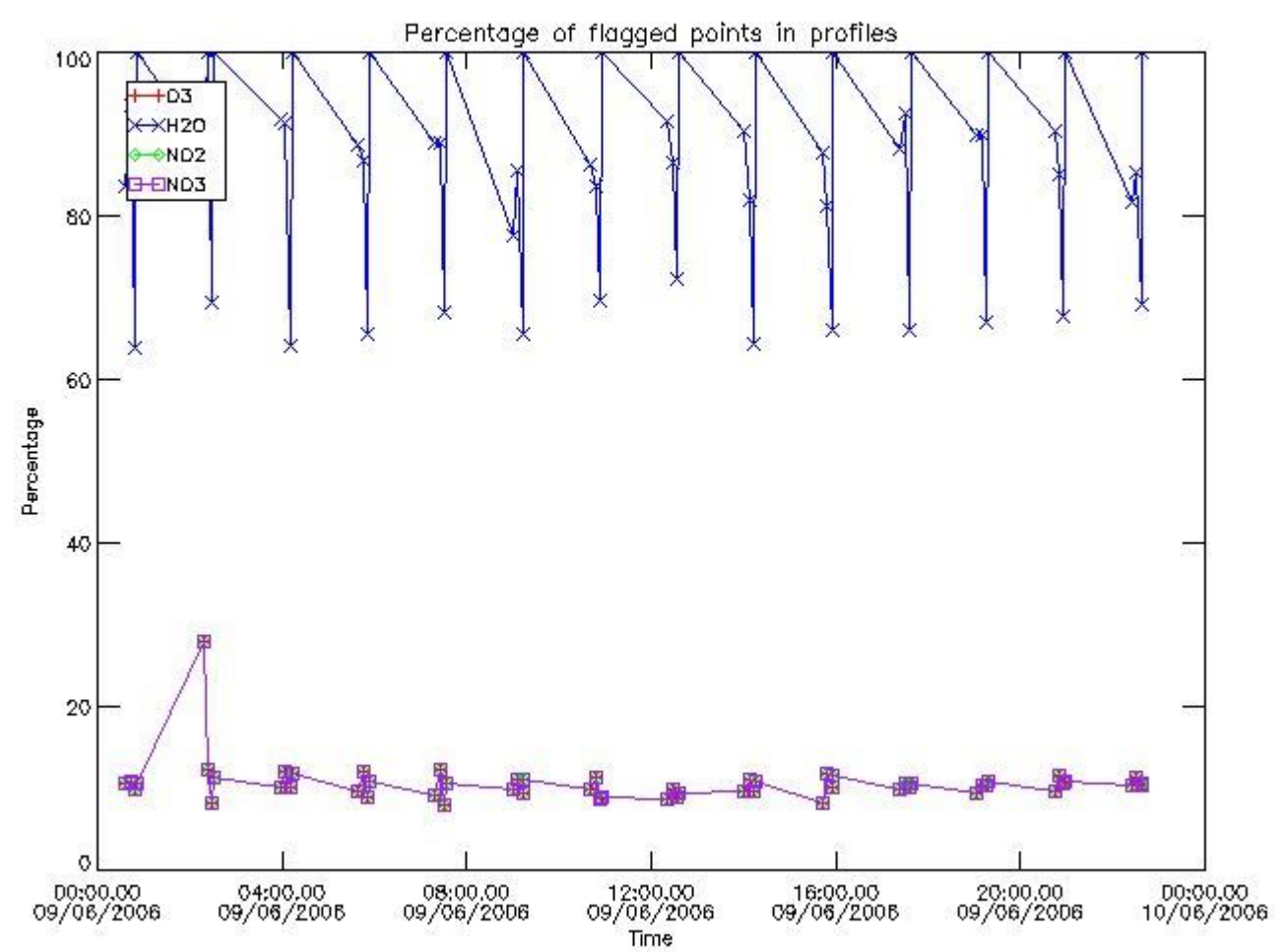


220	GOM_NL__2PRFIN20060609_195103_000000372048_00257_22355_0663.N1	09-JUN-2006 19:51:03	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	22355	No
221	GOM_NL__2PRFIN20060609_195414_000000392048_00257_22355_0664.N1	09-JUN-2006 19:54:14	Bright	39.000	133	40Zet Her	2.8070	6000.0	78	22355	No
222	GOM_NL__2PRFIN20060609_200121_000000432048_00257_22355_0665.N1	09-JUN-2006 20:01:21	Bright	42.500	130	23Bet Dra	2.7990	5800.0	85	22355	No
223	GOM_NL__2PRFIN20060609_201808_000000432048_00257_22355_0666.N1	09-JUN-2006 20:18:08	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	22355	No
224	GOM_NL__2PRFIN20060609_202400_000000382048_00257_22355_0667.N1	09-JUN-2006 20:24:00	Bright	37.500	73	57Gam1And	2.2600	13100.	75	22355	No
225	GOM_NL__2PRFIN20060609_202619_000000502048_00257_22355_0668.N1	09-JUN-2006 20:26:19	Bright	49.500	53	43Bet And	2.0480	3300.0	99	22355	No
226	GOM_NL__2PRFIN20060609_202936_000000462048_00257_22355_0669.N1	09-JUN-2006 20:29:36	Twilight	46.000	50	13Alp Ari	2.0070	4250.0	92	22355	No
227	GOM_NL__2PRFIN20060609_204415_000000532048_00257_22355_0670.N1	09-JUN-2006 20:44:15	Dark	52.500	52	16Bet Cet	2.0370	4500.0	105	22355	No
228	GOM_NL__2PRFIN20060609_205045_000000442048_00257_22355_0671.N1	09-JUN-2006 20:50:45	Dark	44.000	84	Alp Phe	2.3970	4500.0	88	22355	No
229	GOM_NL__2PRFIN20060609_205638_000000492048_00258_22356_0654.N1	09-JUN-2006 20:56:38	Dark	48.500	63	Bet Gru	2.1500	2800.0	97	22356	No
230	GOM_NL__2PRFIN20060609_205839_000000482048_00258_22356_0655.N1	09-JUN-2006 20:58:39	Dark	47.500	31	Alp Gru	1.7340	15200.	95	22356	No
231	GOM_NL__2PRFIN20060609_210301_000000422048_00258_22356_0656.N1	09-JUN-2006 21:03:01	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	22356	No
232	GOM_NL__2PRFIN20060609_211136_000000442048_00258_22356_0657.N1	09-JUN-2006 21:11:36	Straylight	43.500	40	The Sco	1.8590	7100.0	87	22356	No
233	GOM_NL__2PRFIN20060609_211321_000000452048_00258_22356_0658.N1	09-JUN-2006 21:13:21	Tw_i_and_stray	45.000	25	35Lam Sco	1.6200	28000.	90	22356	No
234	GOM_NL__2PRFIN20060609_211455_000000432048_00258_22356_0659.N1	09-JUN-2006 21:14:55	Tw_i_and_stray	43.000	75	26Eps Sco	2.2910	4250.0	86	22356	No
235	GOM_NL__2PRFIN20060609_212014_000000412048_00258_22356_0660.N1	09-JUN-2006 21:20:14	Bright	41.000	86	35Eta Oph	2.4300	10200.	82	22356	No
236	GOM_NL__2PRFIN20060609_212200_000000392048_00258_22356_0661.N1	09-JUN-2006 21:22:00	Bright	38.500	98	13Zet Oph	2.5710	30000.	77	22356	No
237	GOM_NL__2PRFIN20060609_212407_000000372048_00258_22356_0662.N1	09-JUN-2006 21:24:07	Bright	37.000	120	1Del Oph	2.7340	3200.0	74	22356	No
238	GOM_NL__2PRFIN20060609_213139_000000382048_00258_22356_0663.N1	09-JUN-2006 21:31:39	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	22356	No
239	GOM_NL__2PRFIN20060609_213450_000000382048_00258_22356_0664.N1	09-JUN-2006 21:34:50	Bright	38.000	133	40Zet Her	2.8070	6000.0	76	22356	No
240	GOM_NL__2PRFIN20060609_214157_000000422048_00258_22356_0665.N1	09-JUN-2006 21:41:57	Bright	41.500	130	23Bet Dra	2.7990	5800.0	83	22356	No
241	GOM_NL__2PRFIN20060609_215844_000000382048_00258_22356_0666.N1	09-JUN-2006 21:58:44	Bright	38.000	76	27Gam Cas	2.3000	30000.	76	22356	No
242	GOM_NL__2PRFIN20060609_220436_000000522048_00258_22356_0667.N1	09-JUN-2006 22:04:36	Bright	52.000	73	57Gam1And	2.2600	13100.	104	22356	No
243	GOM_NL__2PRFIN20060609_220655_000000542048_00258_22356_0668.N1	09-JUN-2006 22:06:55	Tw_i_and_stray	54.000	53	43Bet And	2.0480	3300.0	108	22356	No
244	GOM_NL__2PRFIN20060609_221012_000000442048_00258_22356_0669.N1	09-JUN-2006 22:10:12	Twilight	43.500	50	13Alp Ari	2.0070	4250.0	87	22356	No
245	GOM_NL__2PRFIN20060609_222451_000000502048_00258_22356_0670.N1	09-JUN-2006 22:24:51	Dark	49.500	52	16Bet Cet	2.0370	4500.0	99	22356	No
246	GOM_NL__2PRFIN20060609_223121_000000452048_00258_22356_0671.N1	09-JUN-2006 22:31:21	Dark	45.000	84	Alp Phe	2.3970	4500.0	90	22356	No
247	GOM_NL__2PRFIN20060609_223715_000000492048_00259_22357_0654.N1	09-JUN-2006 22:37:15	Dark	49.000	63	Bet Gru	2.1500	2800.0	98	22357	No
248	GOM_NL__2PRFIN20060609_223916_000000482048_00259_22357_0655.N1	09-JUN-2006 22:39:16	Dark	48.000	31	Alp Gru	1.7340	15200.	96	22357	No
249	GOM_NL__2PRFIN20060609_224337_000000432048_00259_22357_0656.N1	09-JUN-2006 22:43:37	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	22357	No
250	GOM_NL__2PRFIN20060609_225212_000000442048_00259_22357_0657.N1	09-JUN-2006 22:52:12	Straylight	44.000	40	The Sco	1.8590	7100.0	88	22357	No
251	GOM_NL__2PRFIN20060609_225357_000000432048_00259_22357_0658.N1	09-JUN-2006 22:53:57	Tw_i_and_stray	43.000	25	35Lam Sco	1.6200	28000.	86	22357	No
252	GOM_NL__2PRFIN20060609_225531_000000422048_00259_22357_0659.N1	09-JUN-2006 22:55:31	Tw_i_and_stray	42.000	75	26Eps Sco	2.2910	4250.0	84	22357	No
253	GOM_NL__2PRFIN20060609_230050_000000422048_00259_22357_0660.N1	09-JUN-2006 23:00:50	Bright	42.000	86	35Eta Oph	2.4300	10200.	84	22357	No
254	GOM_NL__2PRFIN20060609_230236_000000392048_00259_22357_0661.N1	09-JUN-2006 23:02:36	Bright	38.500	98	13Zet Oph	2.5710	30000.	77	22357	No
255	GOM_NL__2PRFIN20060609_230443_000000372048_00259_22357_0662.N1	09-JUN-2006 23:04:43	Bright	36.500	120	1Del Oph	2.7340	3200.0	73	22357	No
256	GOM_NL__2PRFIN20060609_231215_000000402048_00259_22357_0663.N1	09-JUN-2006 23:12:15	Bright	39.500	127	27Bet Her	2.7810	4700.0	79	22357	No
257	GOM_NL__2PRFIN20060609_231525_000000392048_00259_22357_0664.N1	09-JUN-2006 23:15:25	Bright	39.000	133	40Zet Her	2.8070	6000.0	78	22357	No
258	GOM_NL__2PRFIN20060609_232232_000000432048_00259_22357_0665.N1	09-JUN-2006 23:22:32	Bright	42.500	130	23Bet Dra	2.7990	5800.0	85	22357	No
259	GOM_NL__2PRFIN20060609_233919_000000482048_00259_22357_0666.N1	09-JUN-2006 23:39:19	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	22357	No
260	GOM_NL__2PRFIN20060609_234512_000000432048_00259_22357_0667.N1	09-JUN-2006 23:45:12	Bright	42.500	73	57Gam1And	2.2600	13100.	85	22357	No
261	GOM_NL__2PRFIN20060609_234731_000000502048_00259_22357_0668.N1	09-JUN-2006 23:47:31	Tw_i_and_stray	49.500	53	43Bet And	2.0480	3300.0	99	22357	No
262	GOM_NL__2PRFIN20060609_235048_000000432048_00259_22357_0669.N1	09-JUN-2006 23:50:48	Twilight	43.000	50	13Alp Ari	2.0070	4250.0	86	22357	No

### 3. Quality information per product

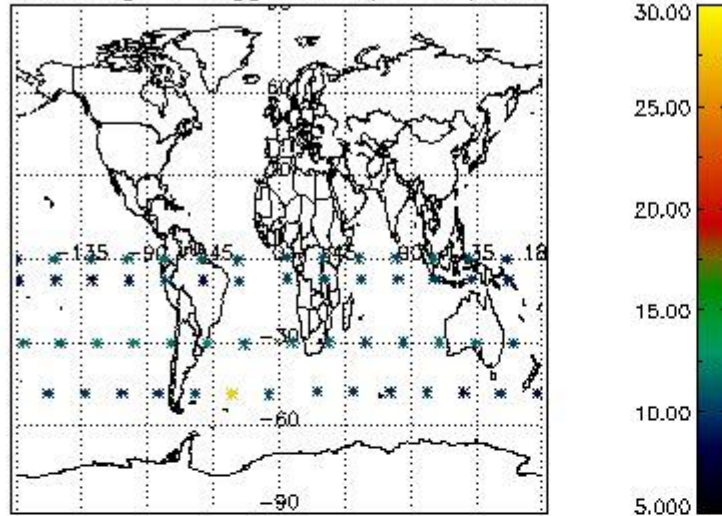
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

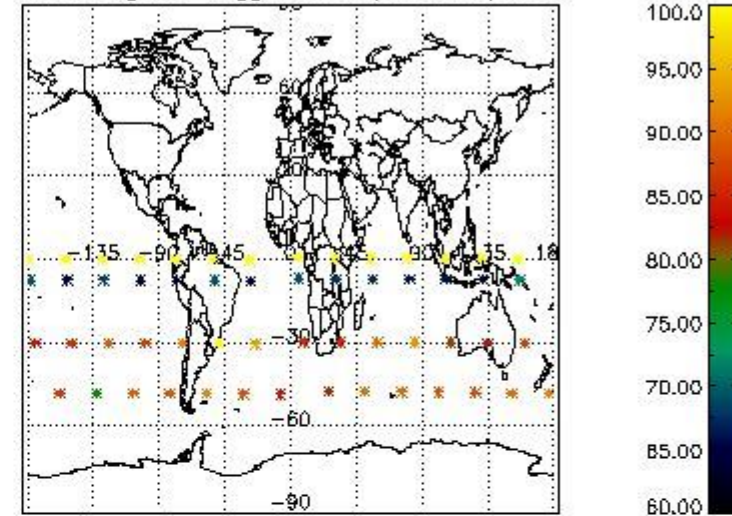


3.2 Plot quality information per product (world map)

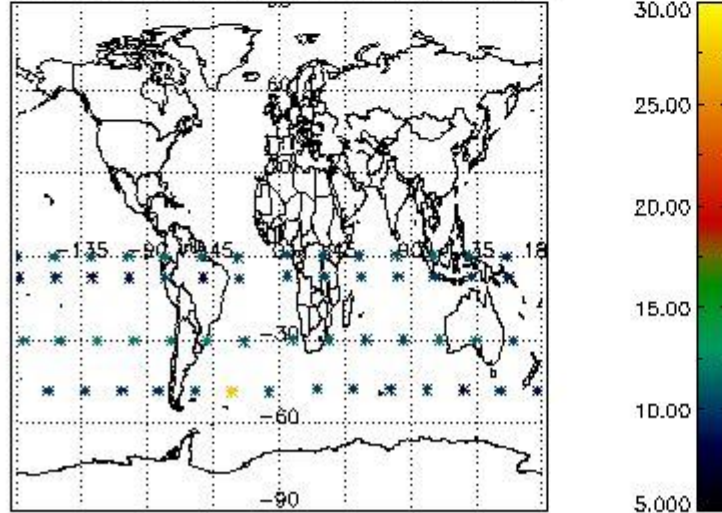
Percentage of flagged data per O3 profile



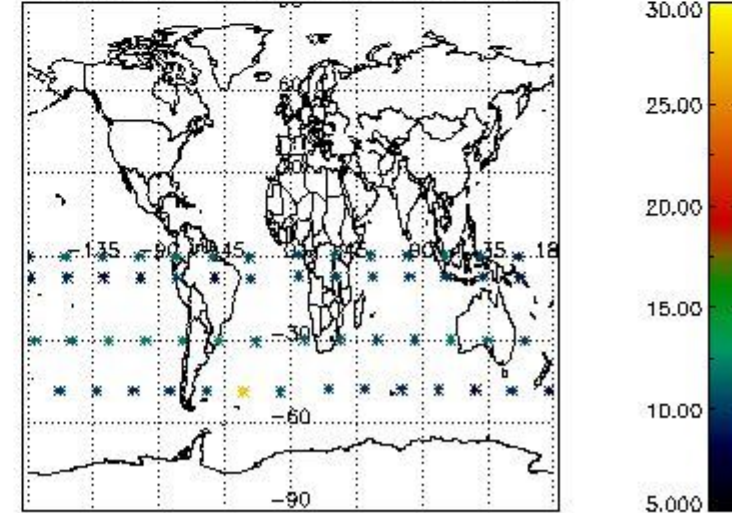
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

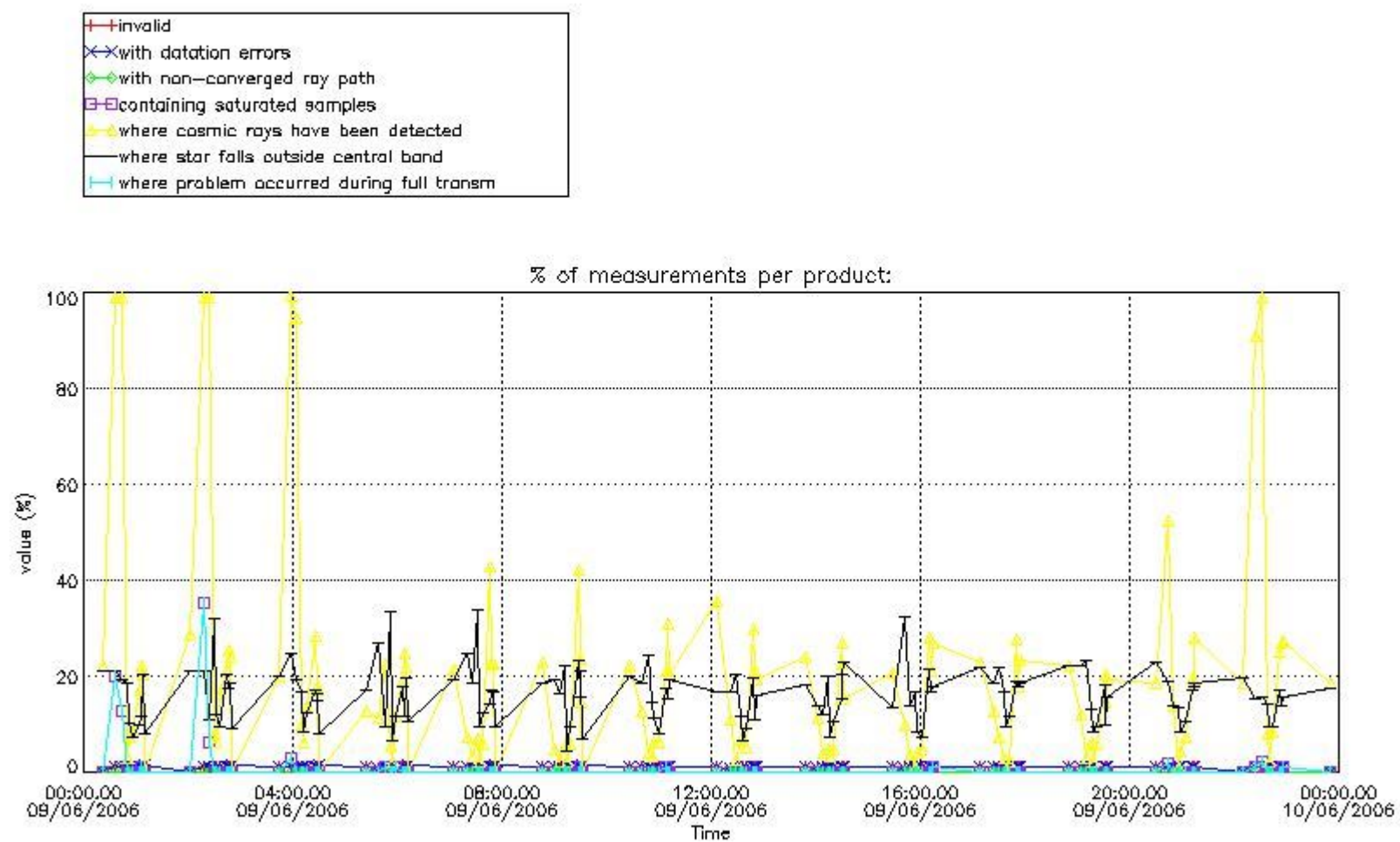


#### 4. Level 1 quality information per product

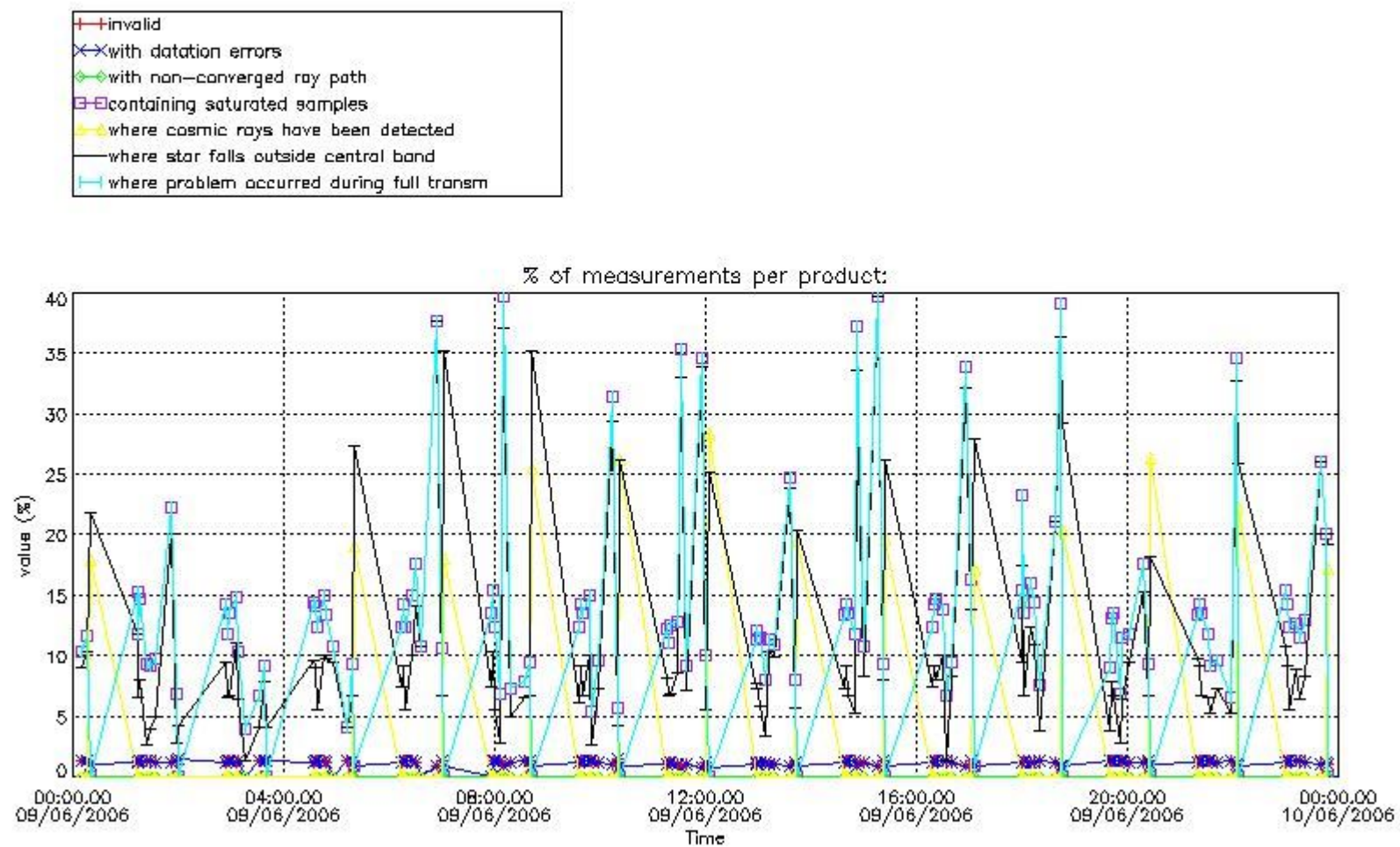
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

##### 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

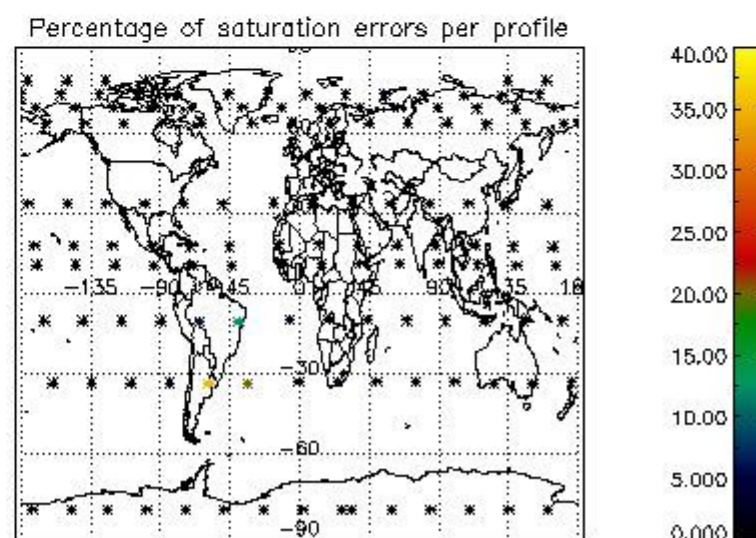
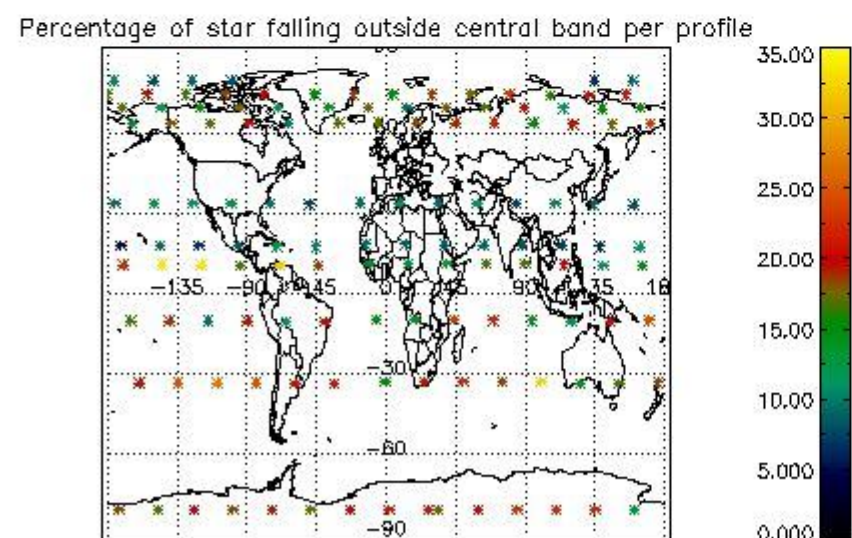
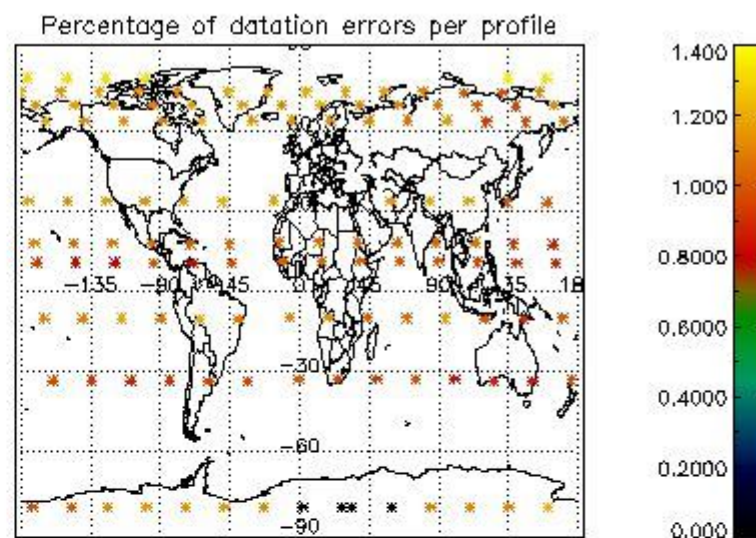
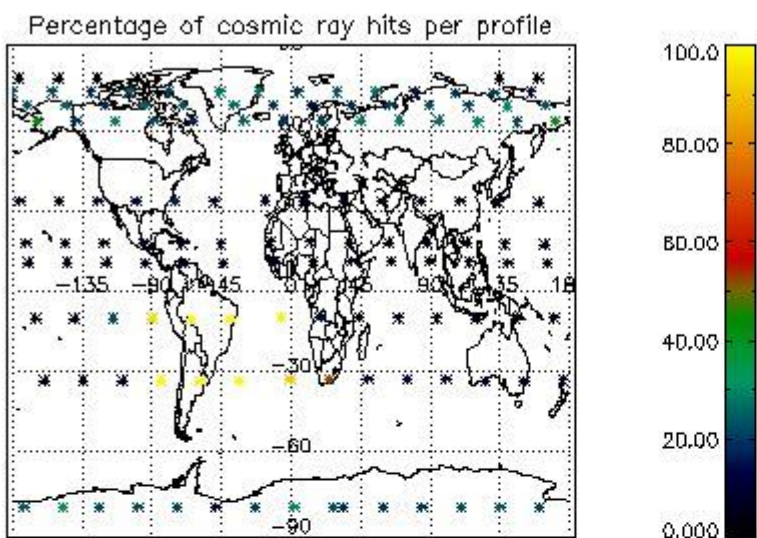


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

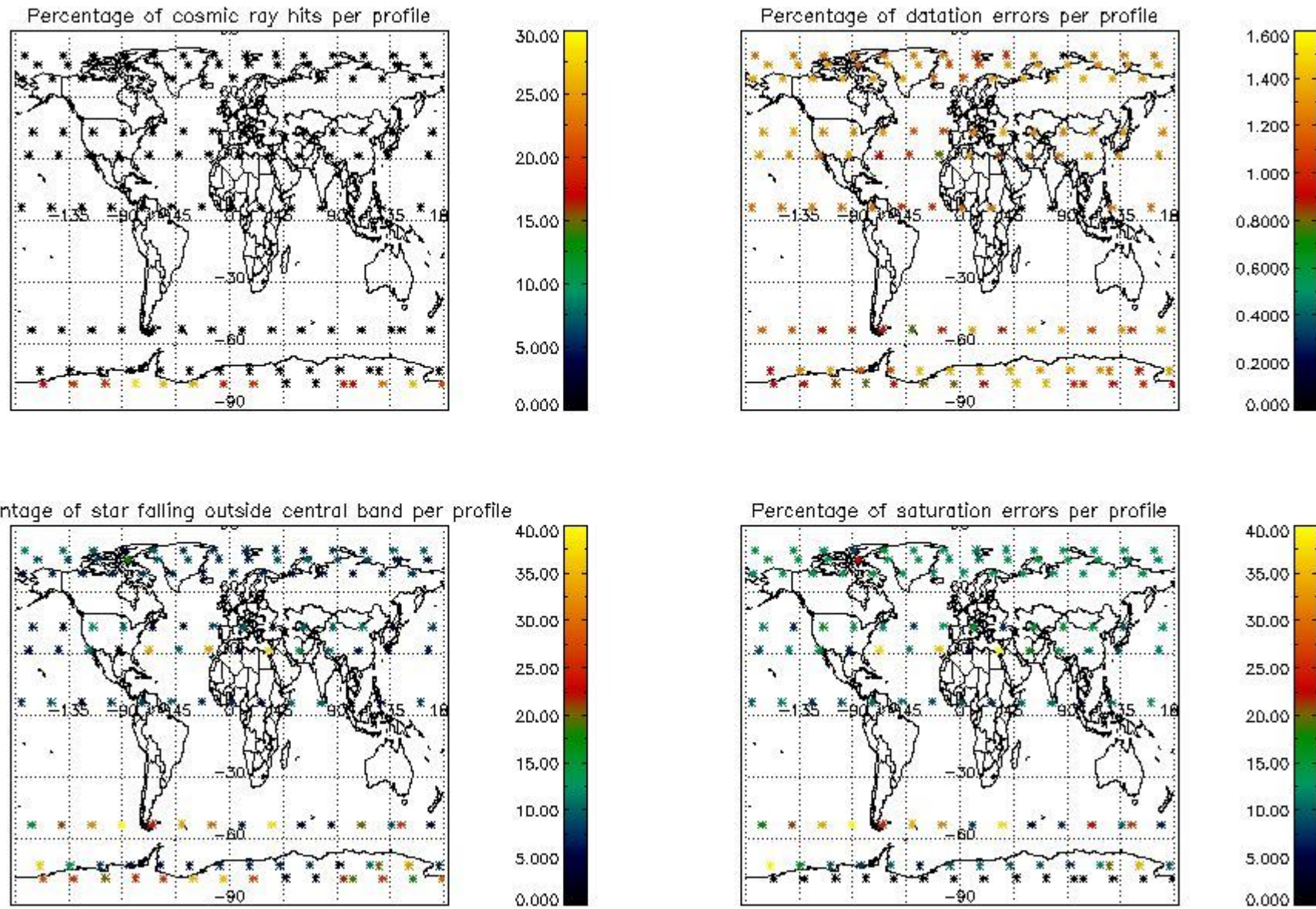


4.2 Plot quality information per product coming from level 1b processing (world map)

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

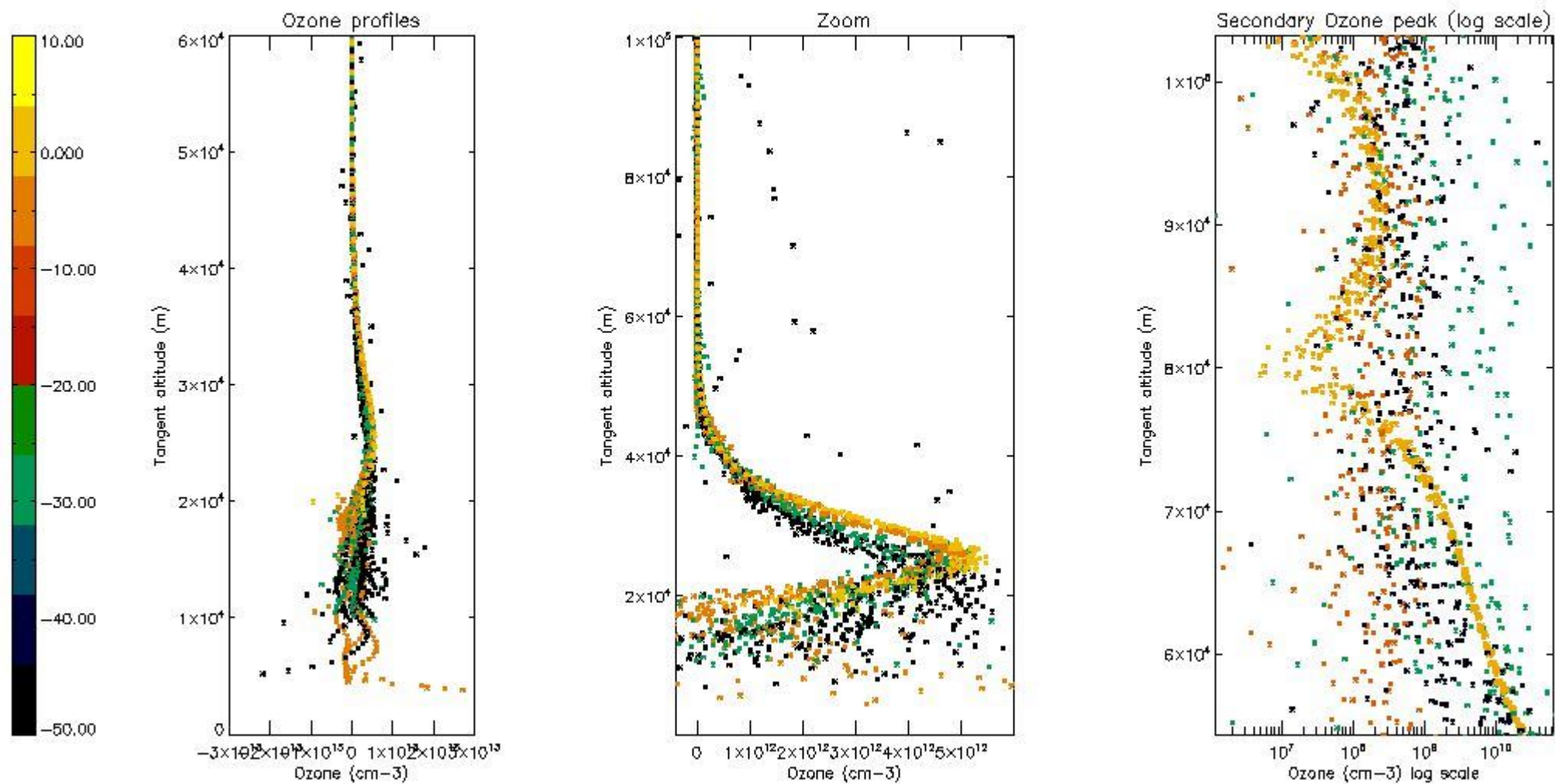
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	25
STD < 20	9

STD < 10	6
STD < 5	3

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

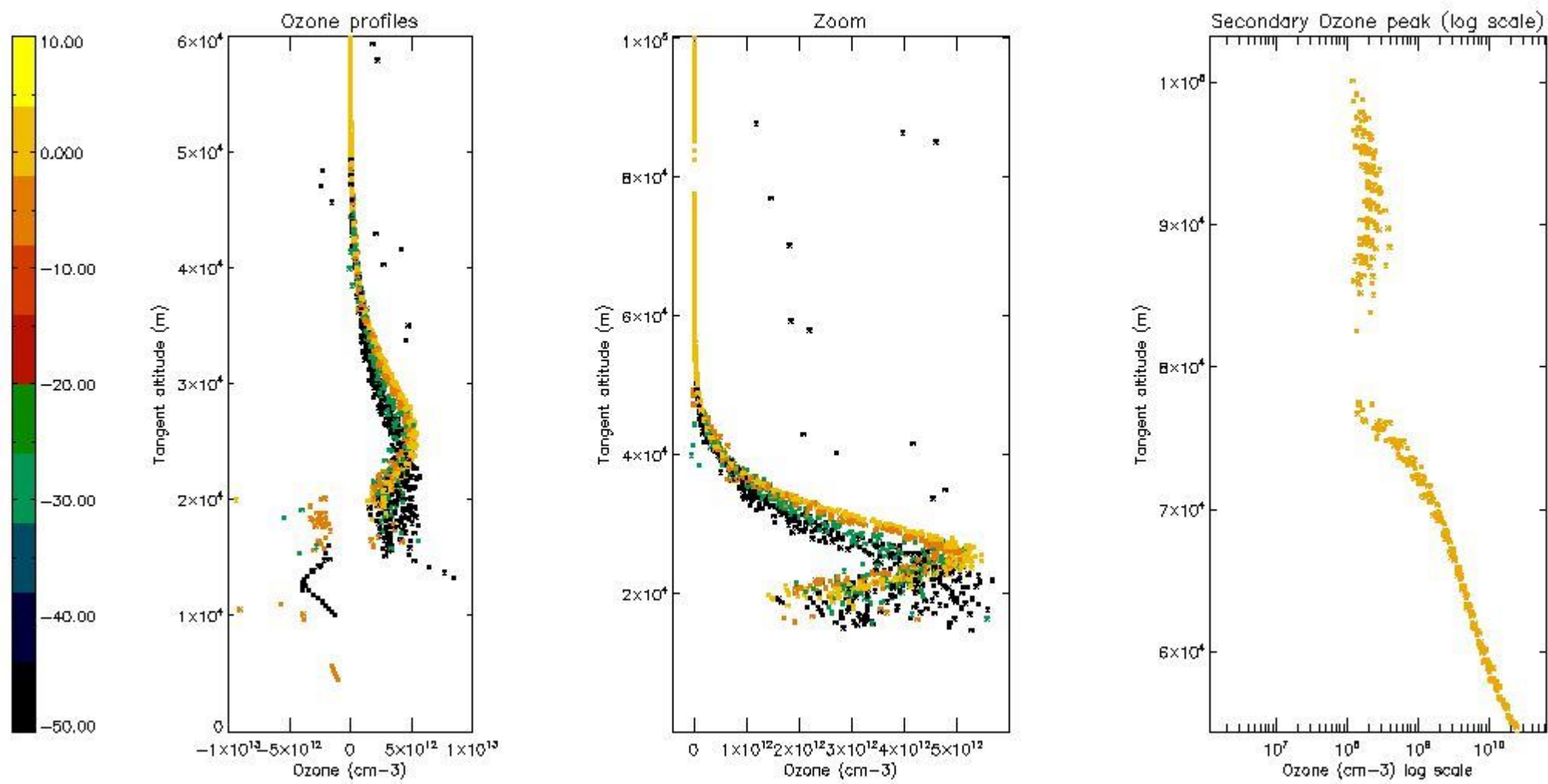
The colorbar represents the latitude.



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

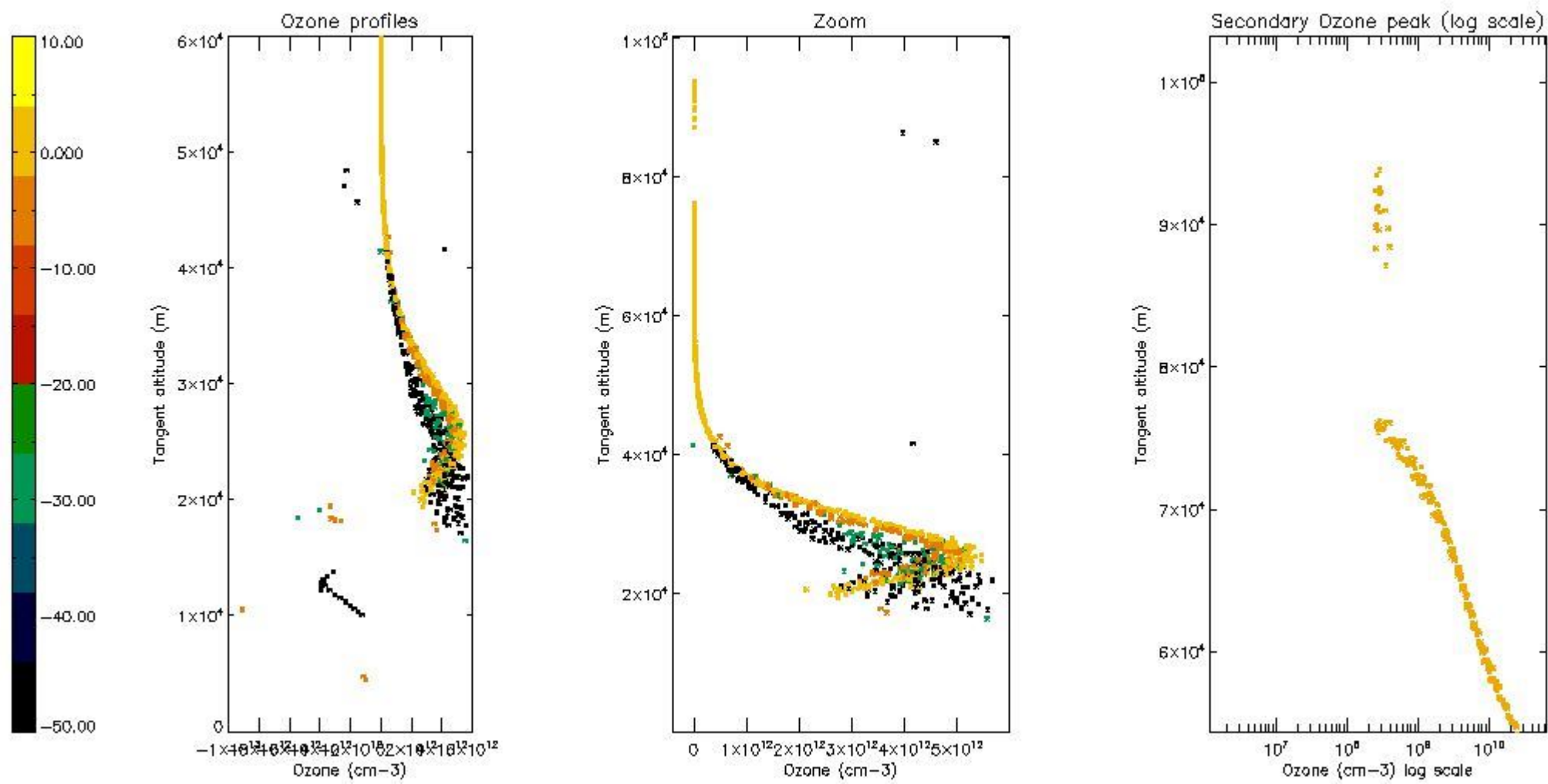
The colorbar represents the latitude.





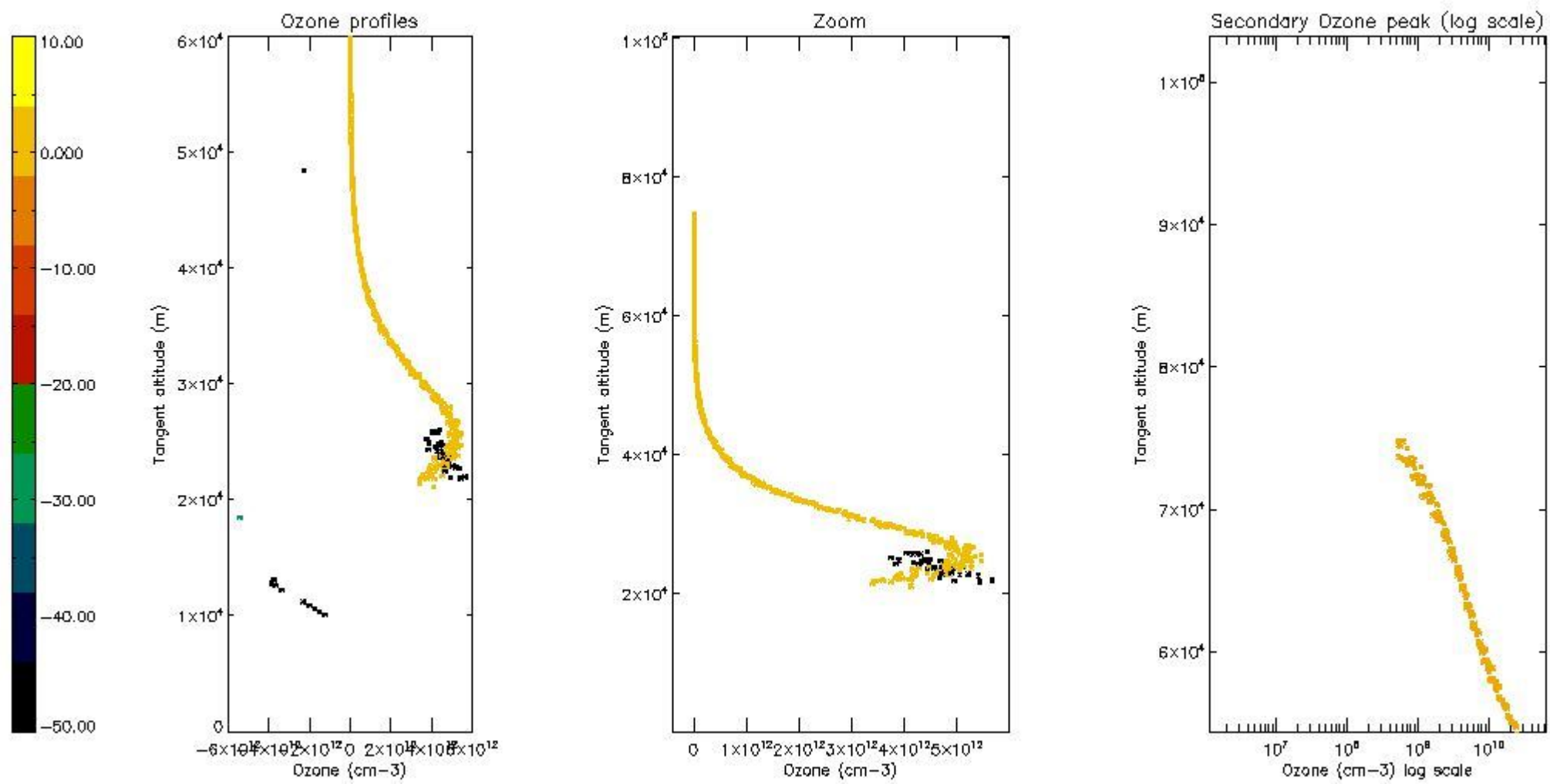
*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



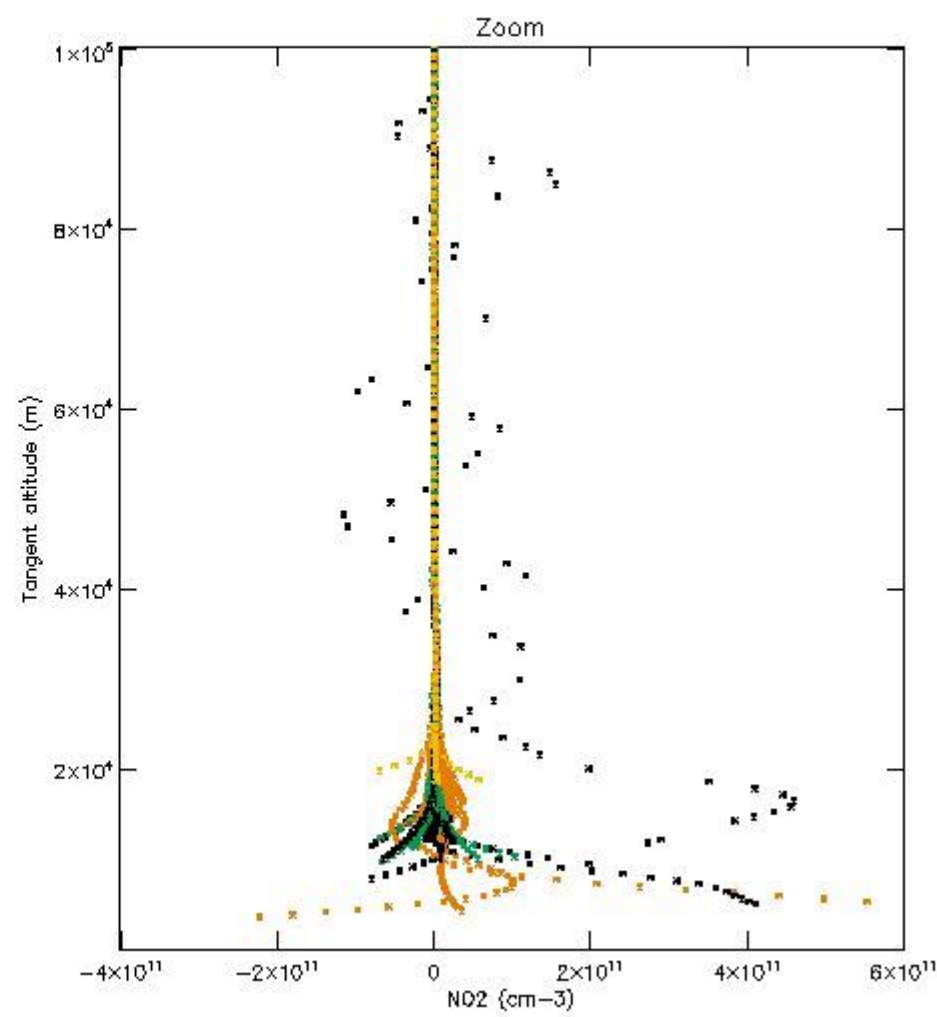
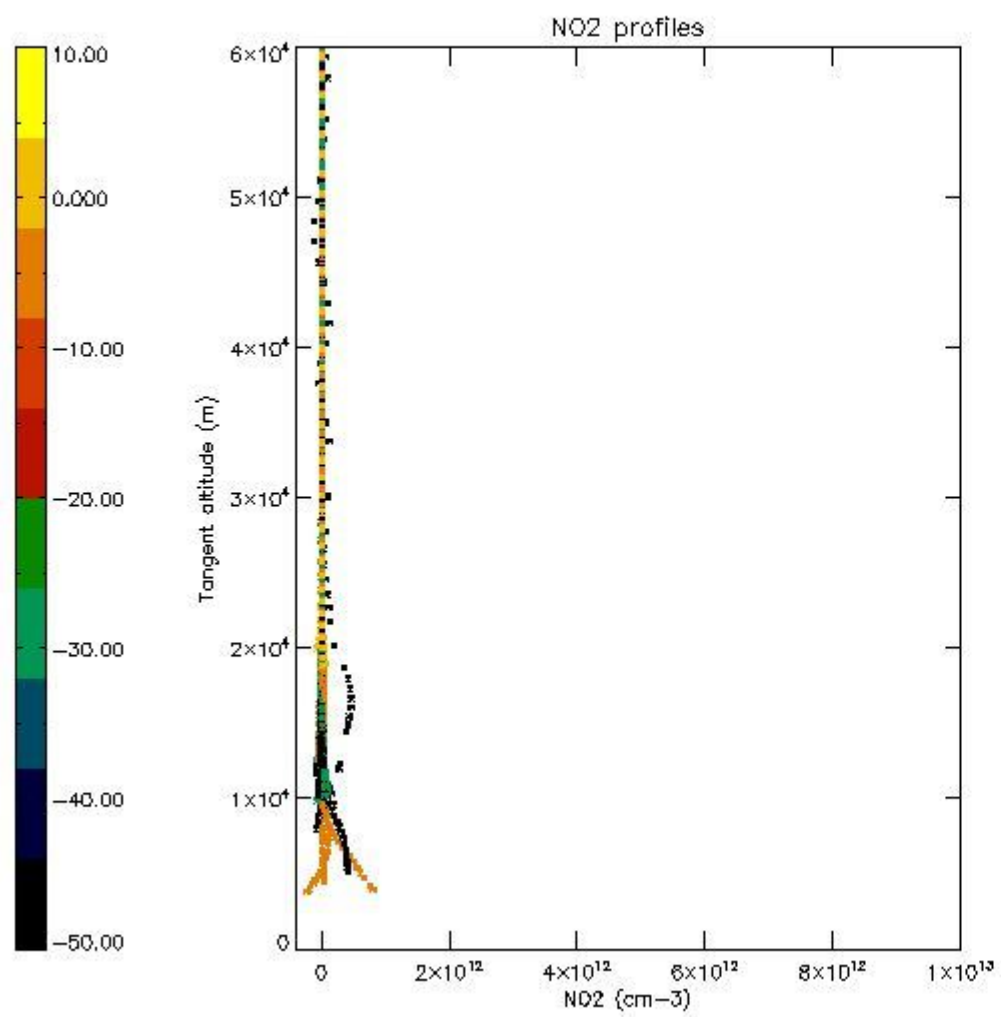
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



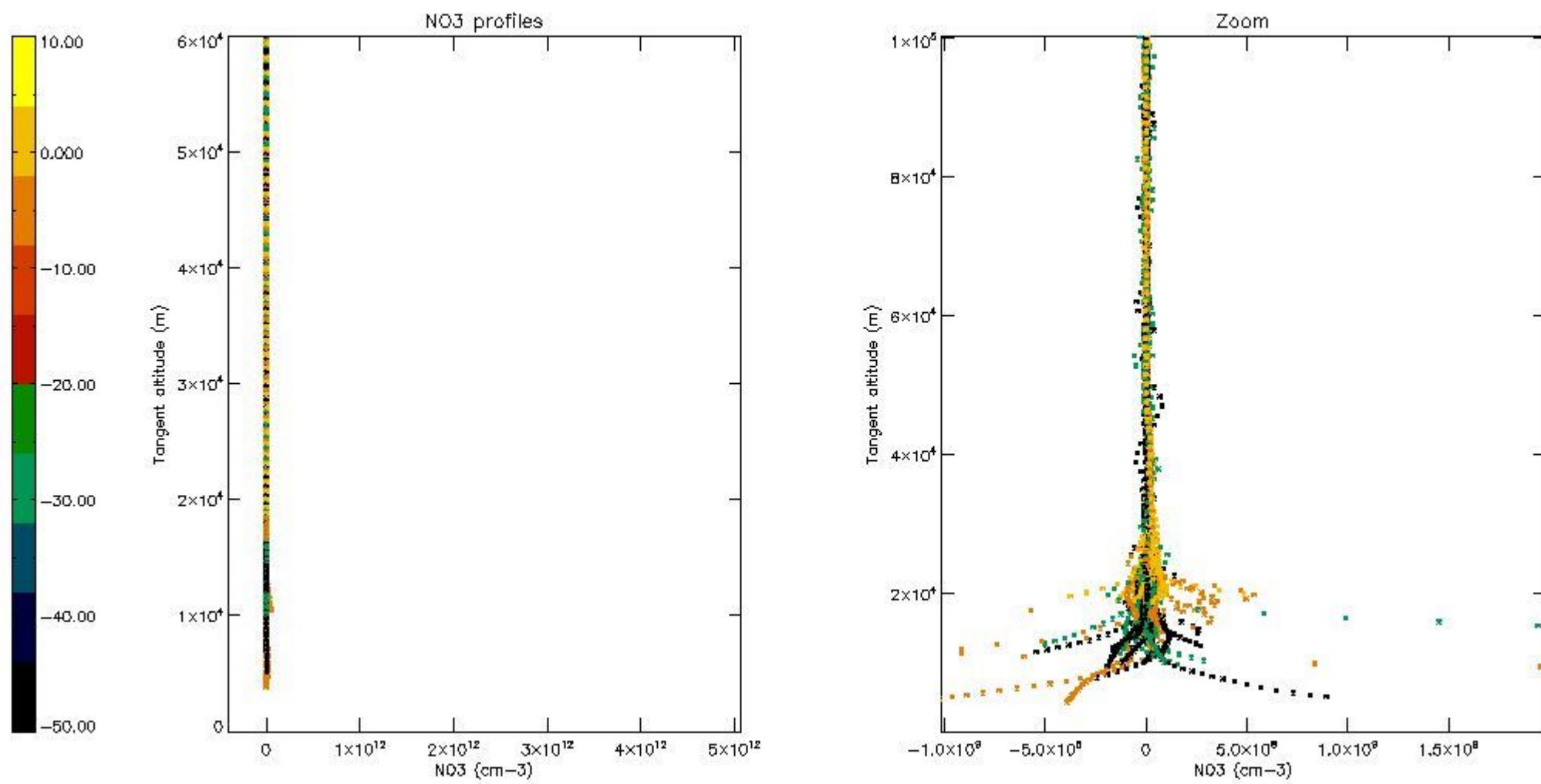
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



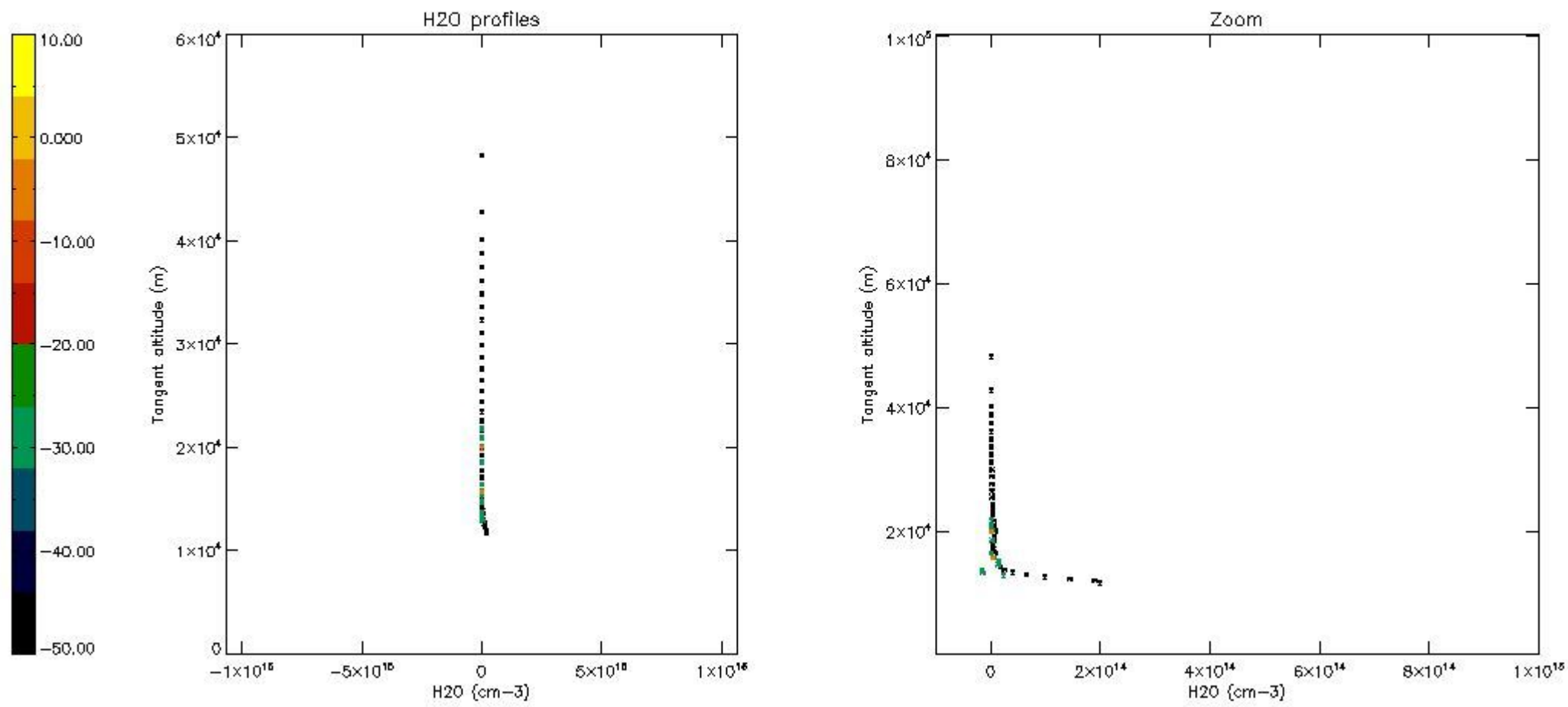
*5.7 Plot NO3 profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

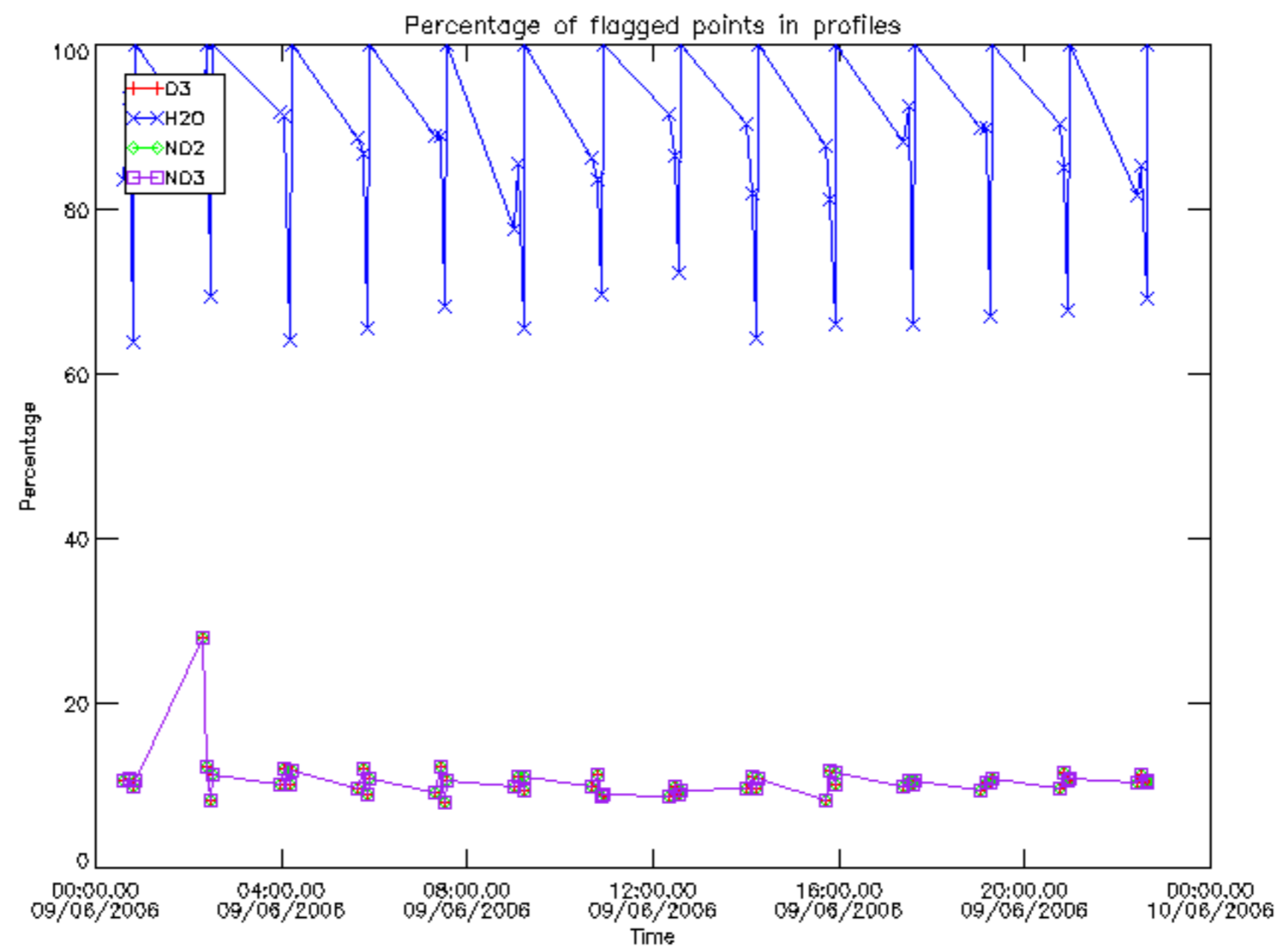
The colorbar represents the latitude.



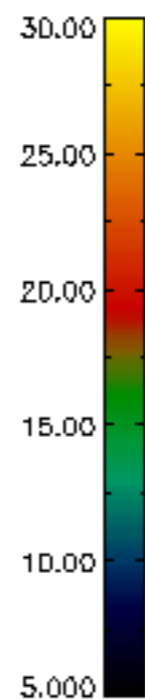
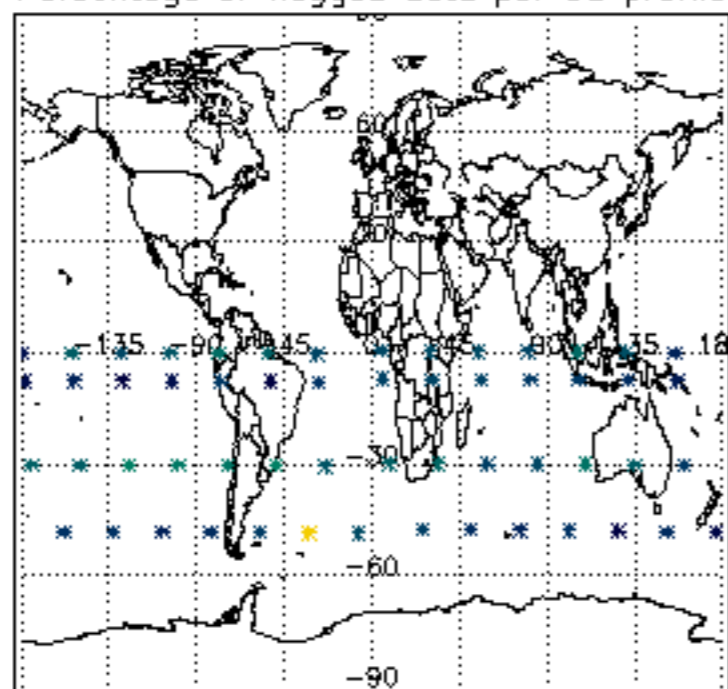
## 6. Auxiliary Data Files used for the production reported in section 2

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

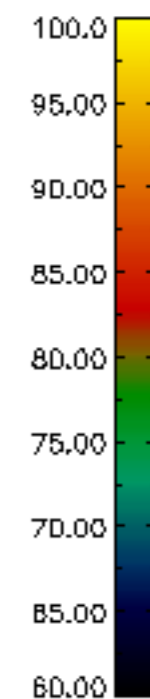
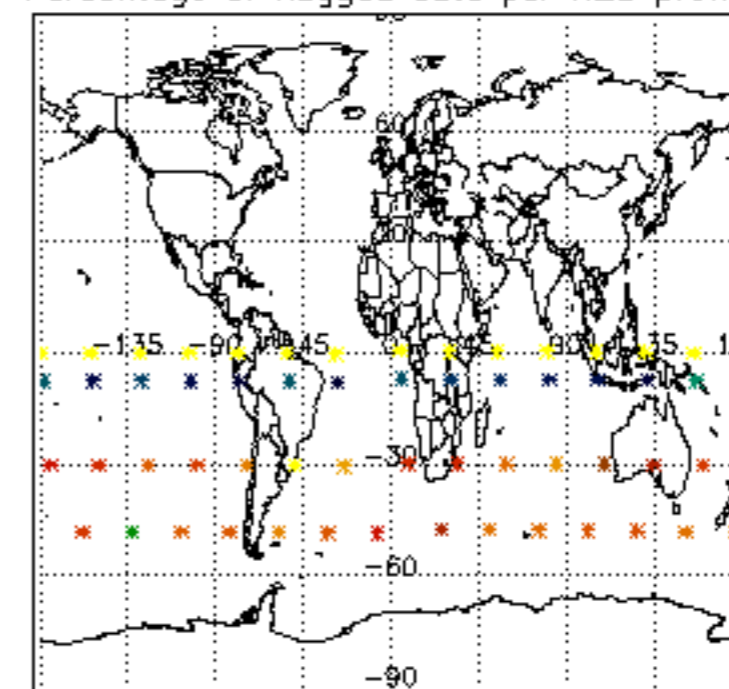
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LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	09-JUN-2006 00:10:58
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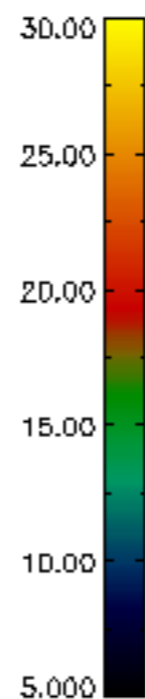
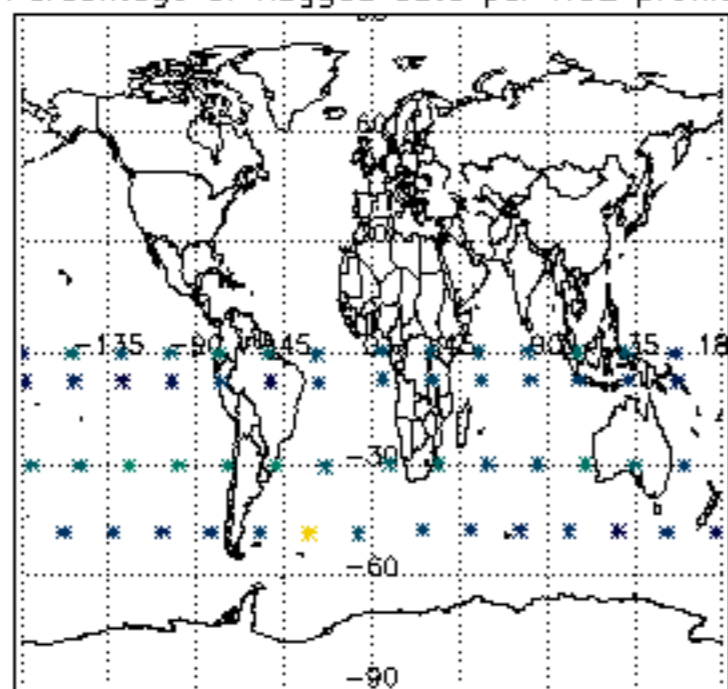
Percentage of flagged data per D3 profile



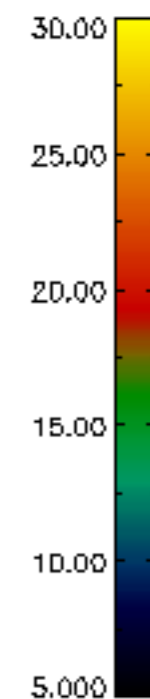
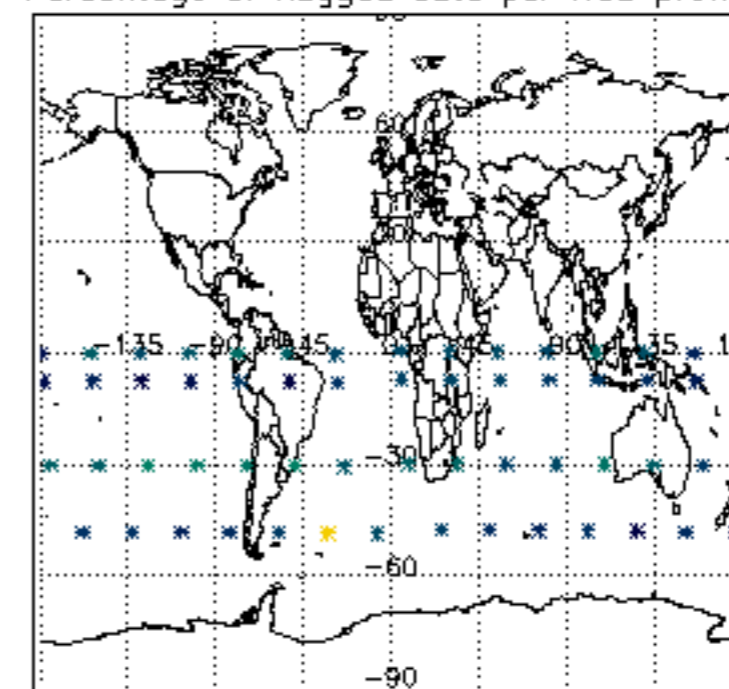
Percentage of flagged data per H2O profile



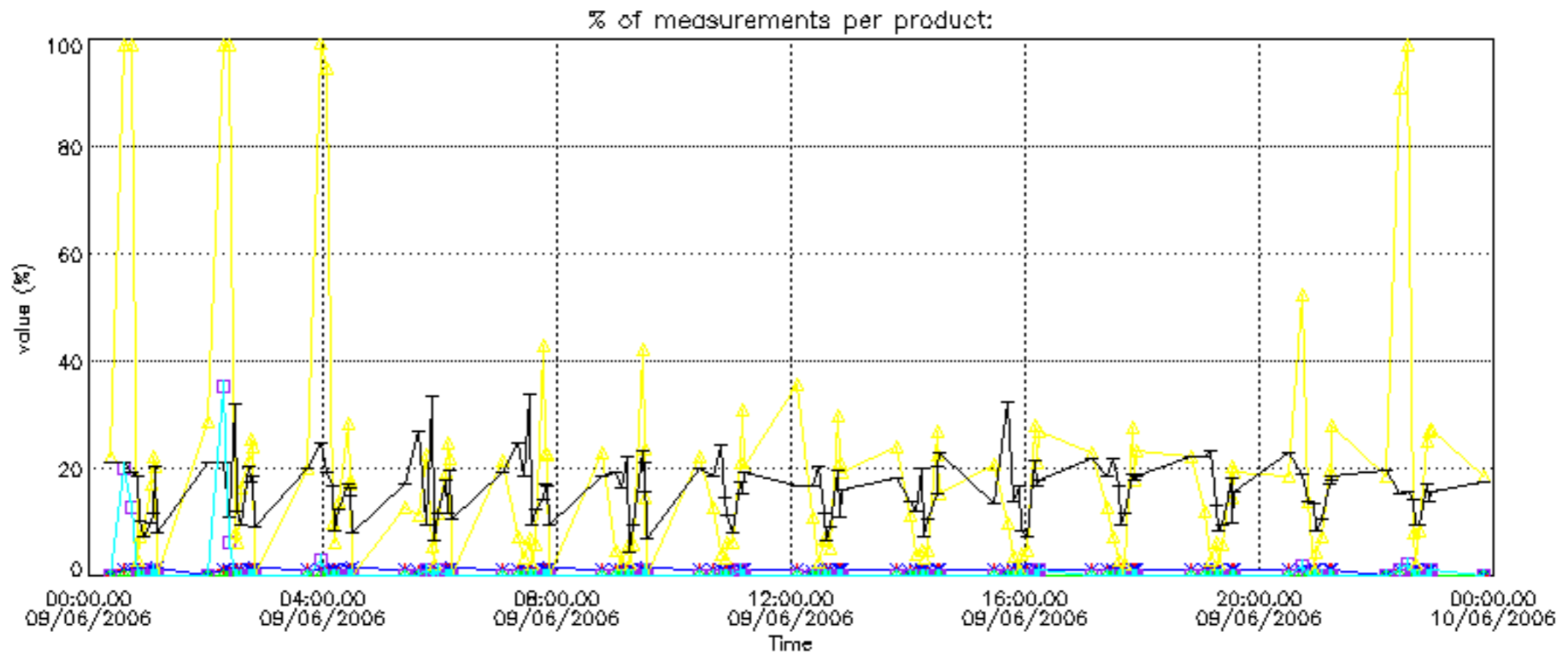
Percentage of flagged data per NO2 profile

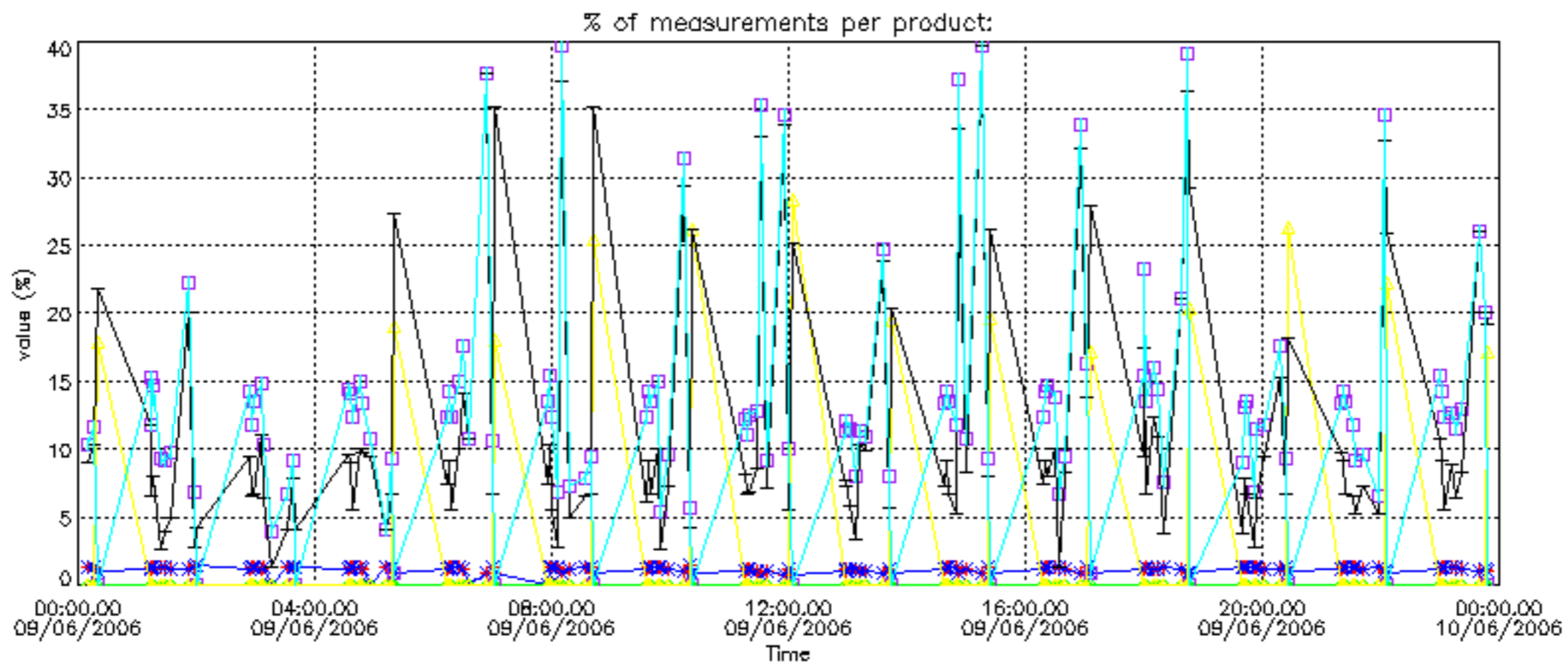


Percentage of flagged data per NO3 profile

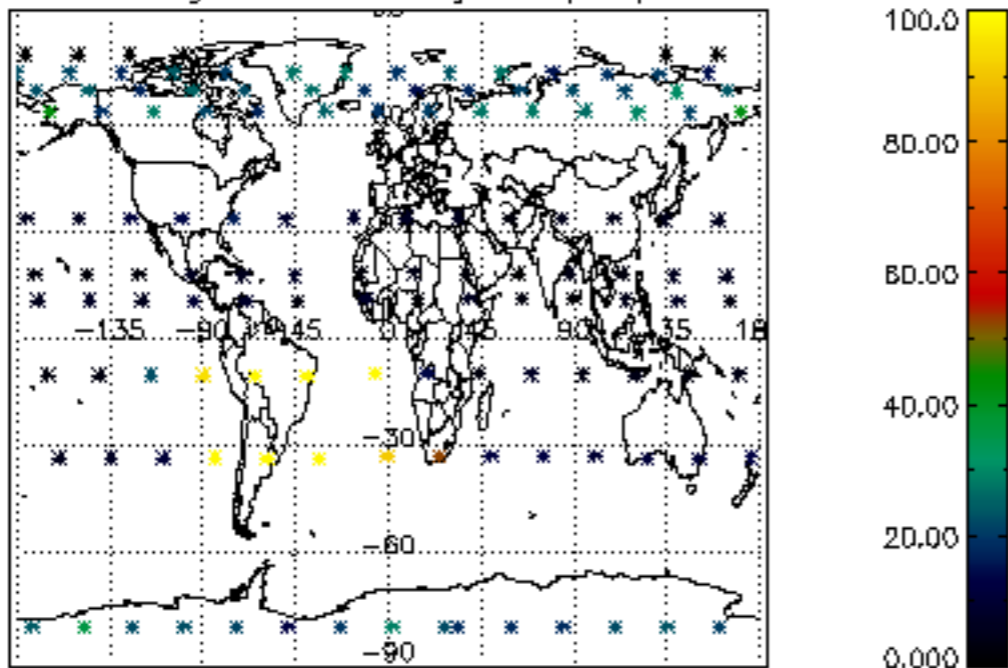




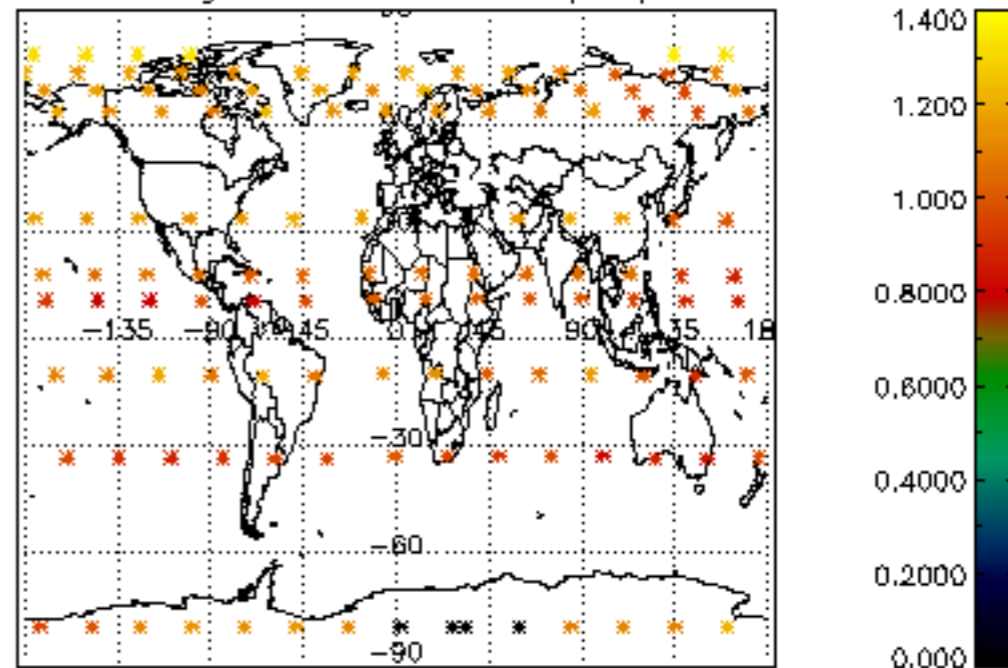




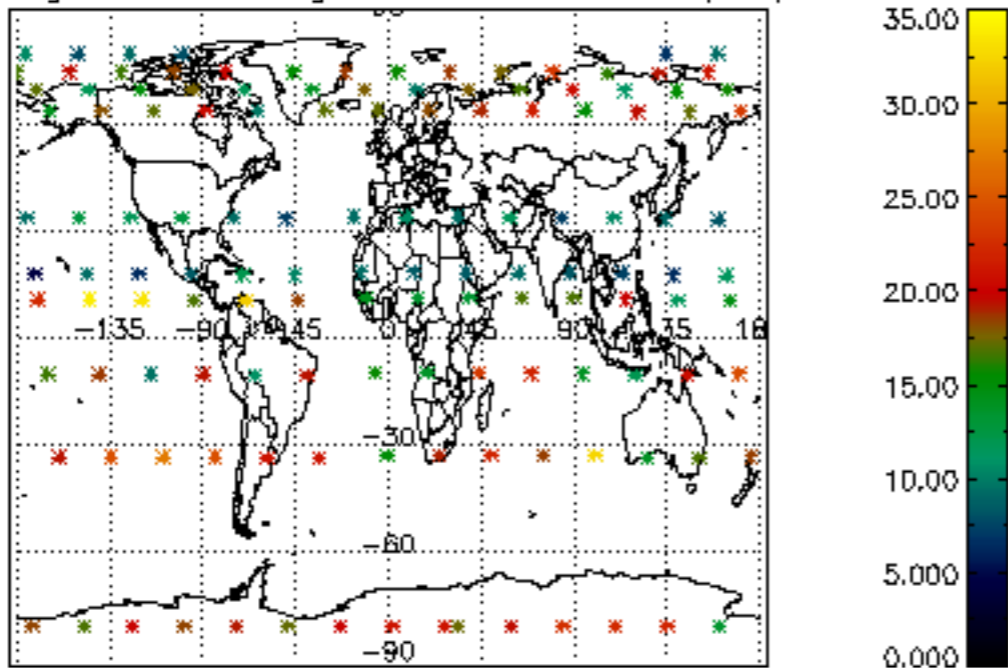
Percentage of cosmic ray hits per profile



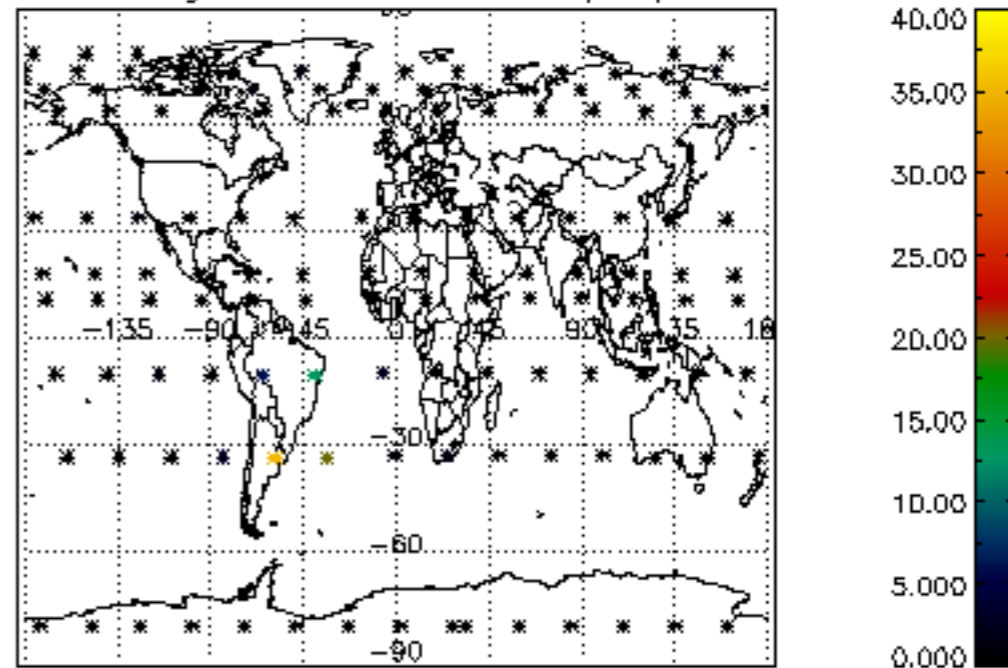
Percentage of datation errors per profile



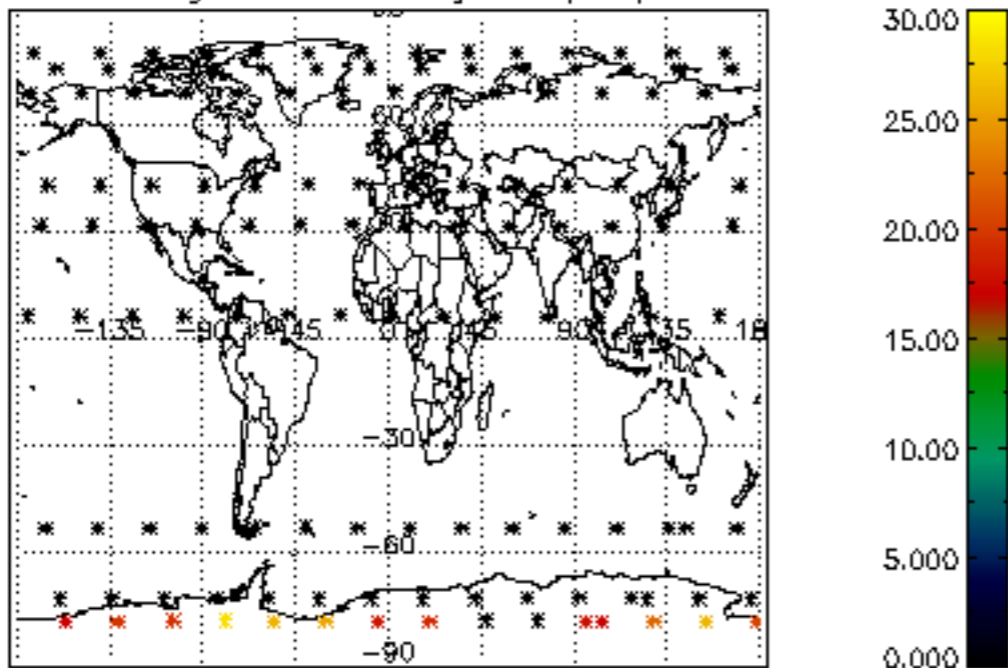
Percentage of star falling outside central band per profile



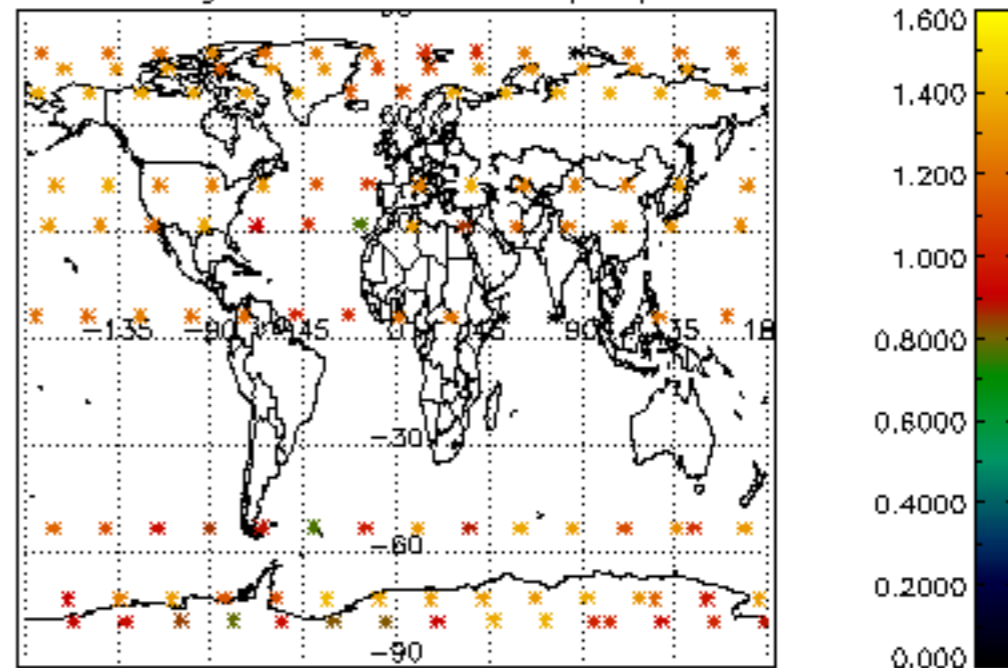
Percentage of saturation errors per profile



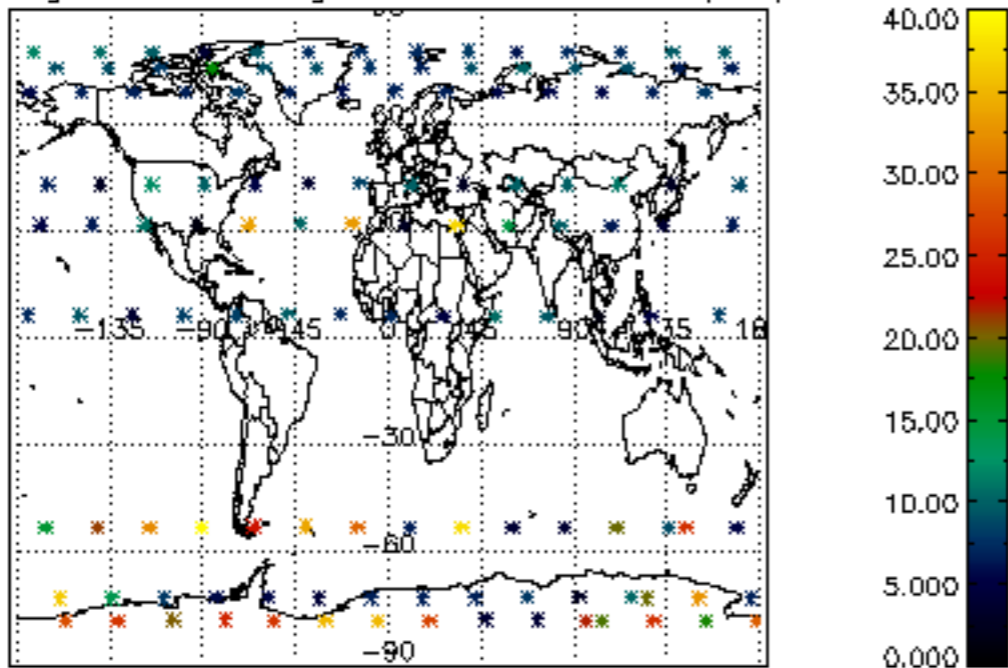
Percentage of cosmic ray hits per profile



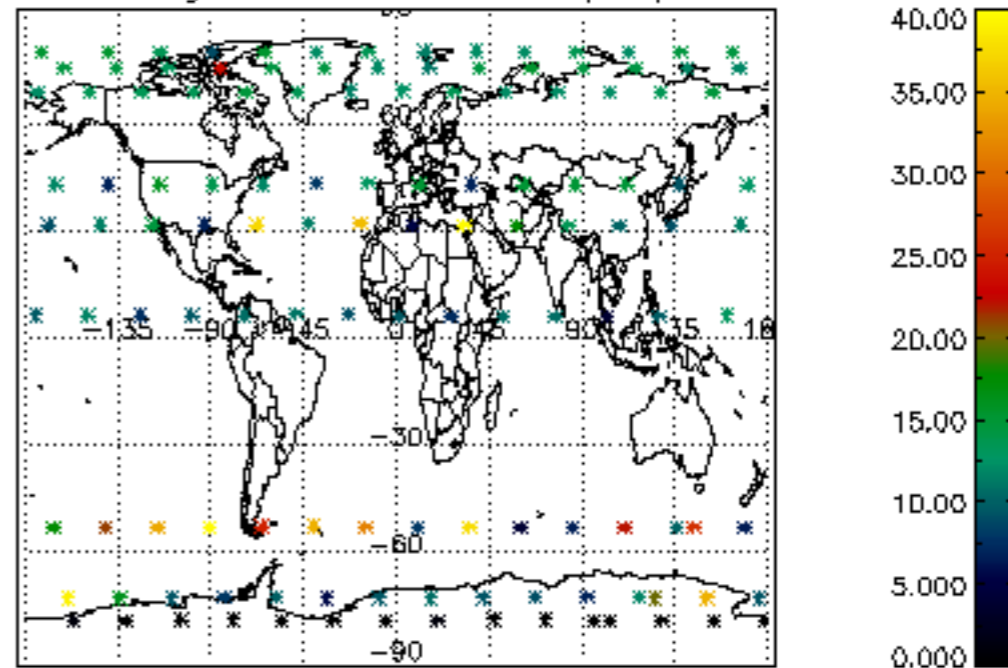
Percentage of datation errors per profile

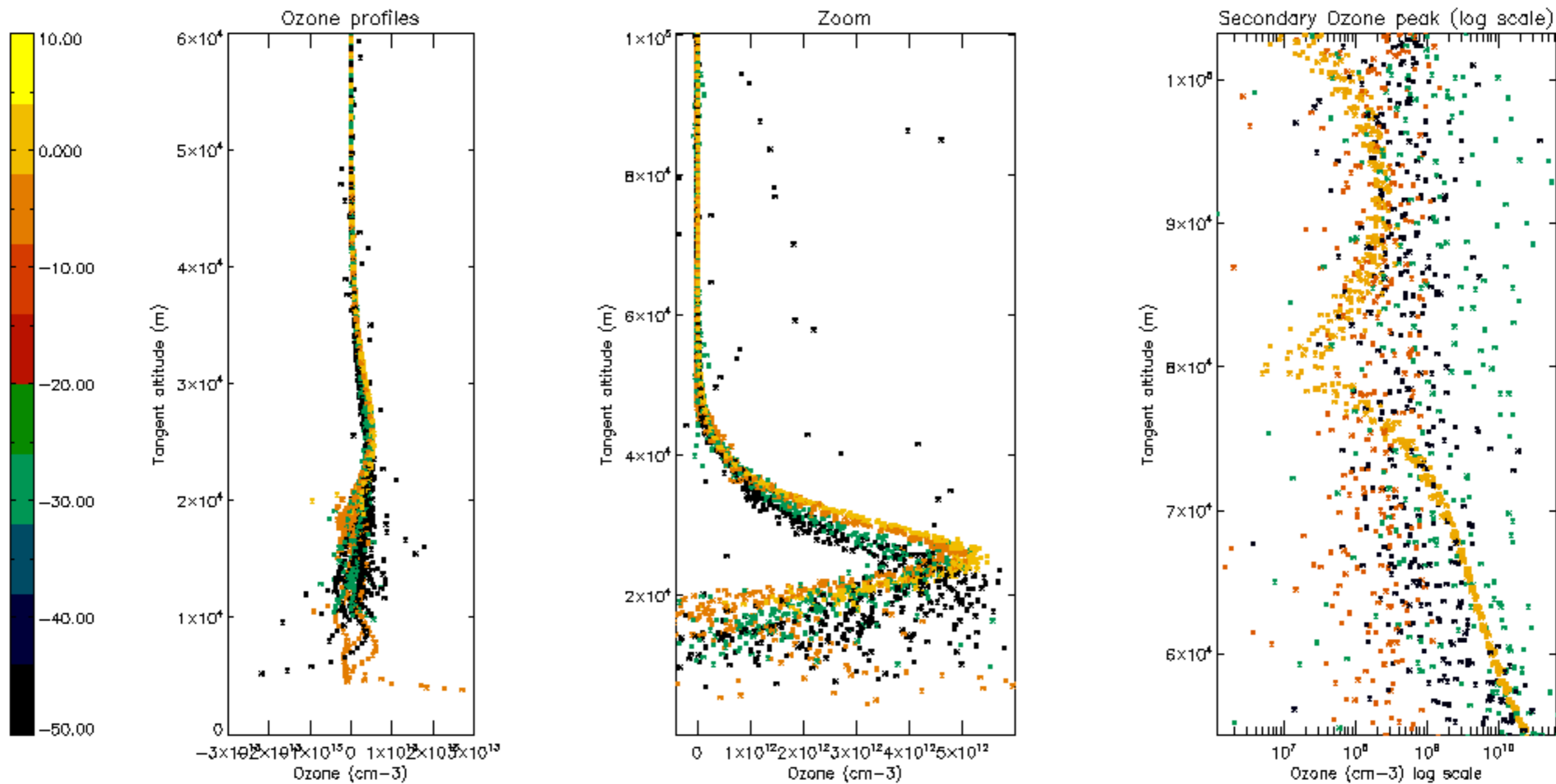


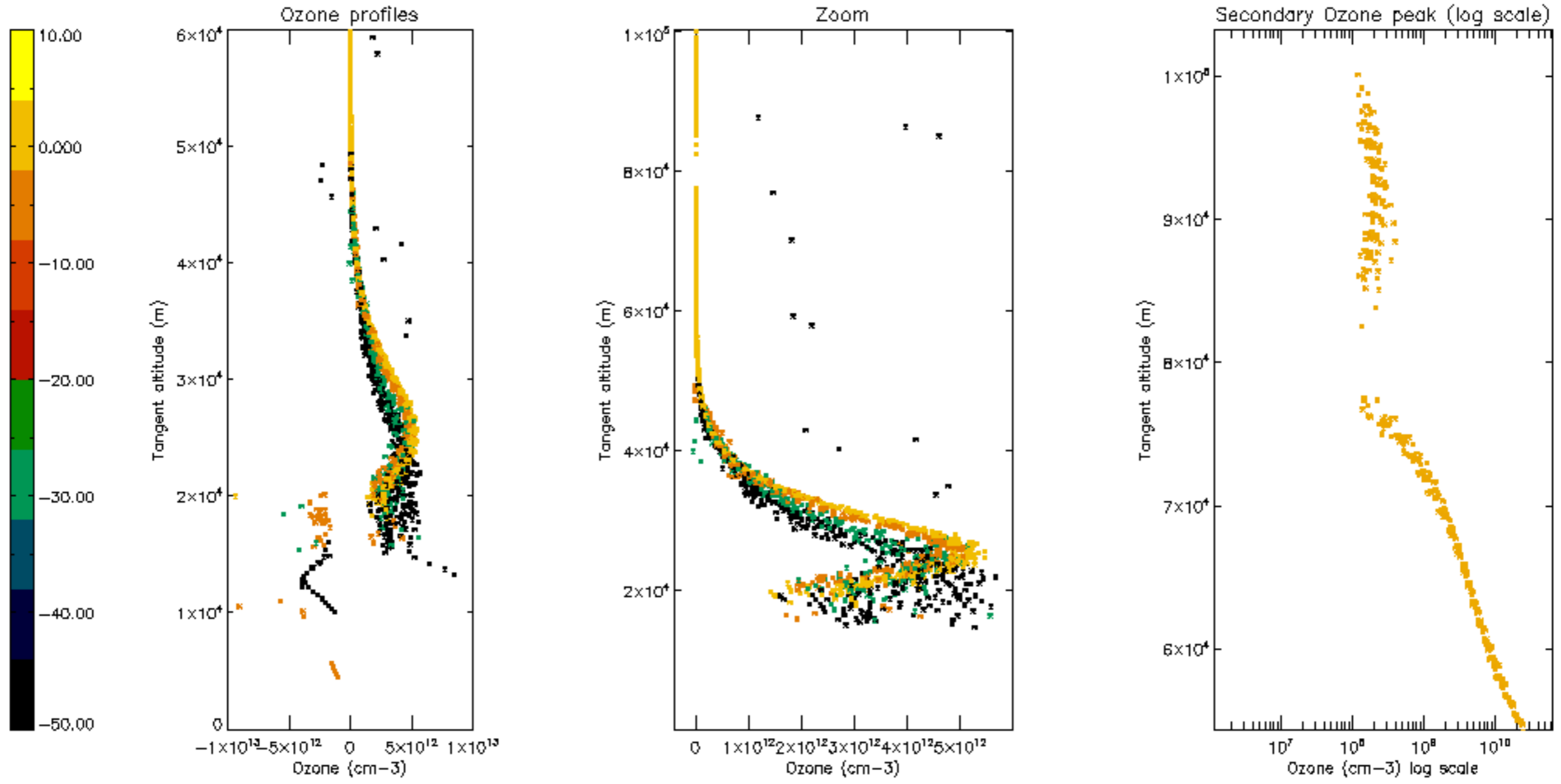
Percentage of star falling outside central band per profile

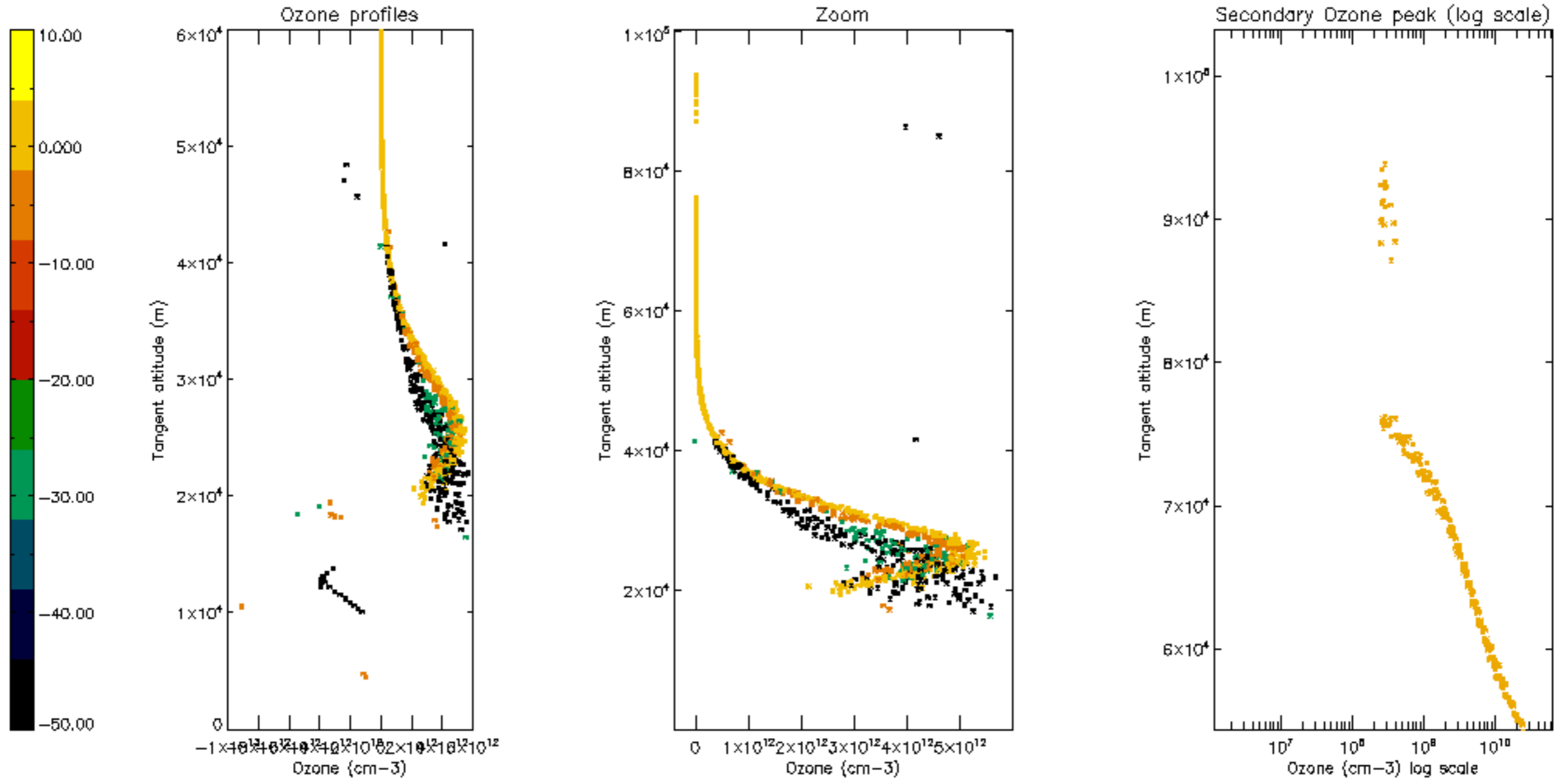


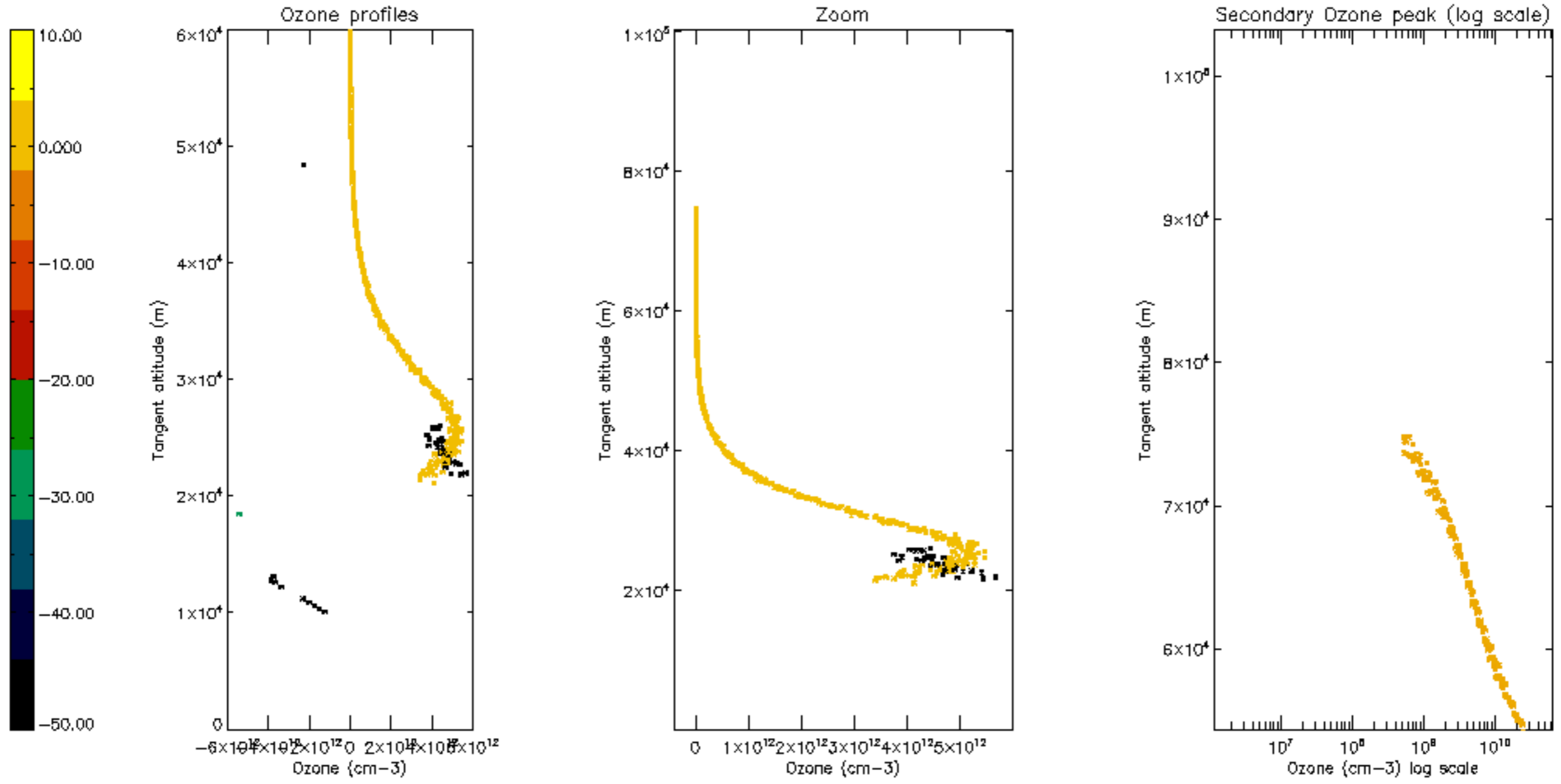
Percentage of saturation errors per profile



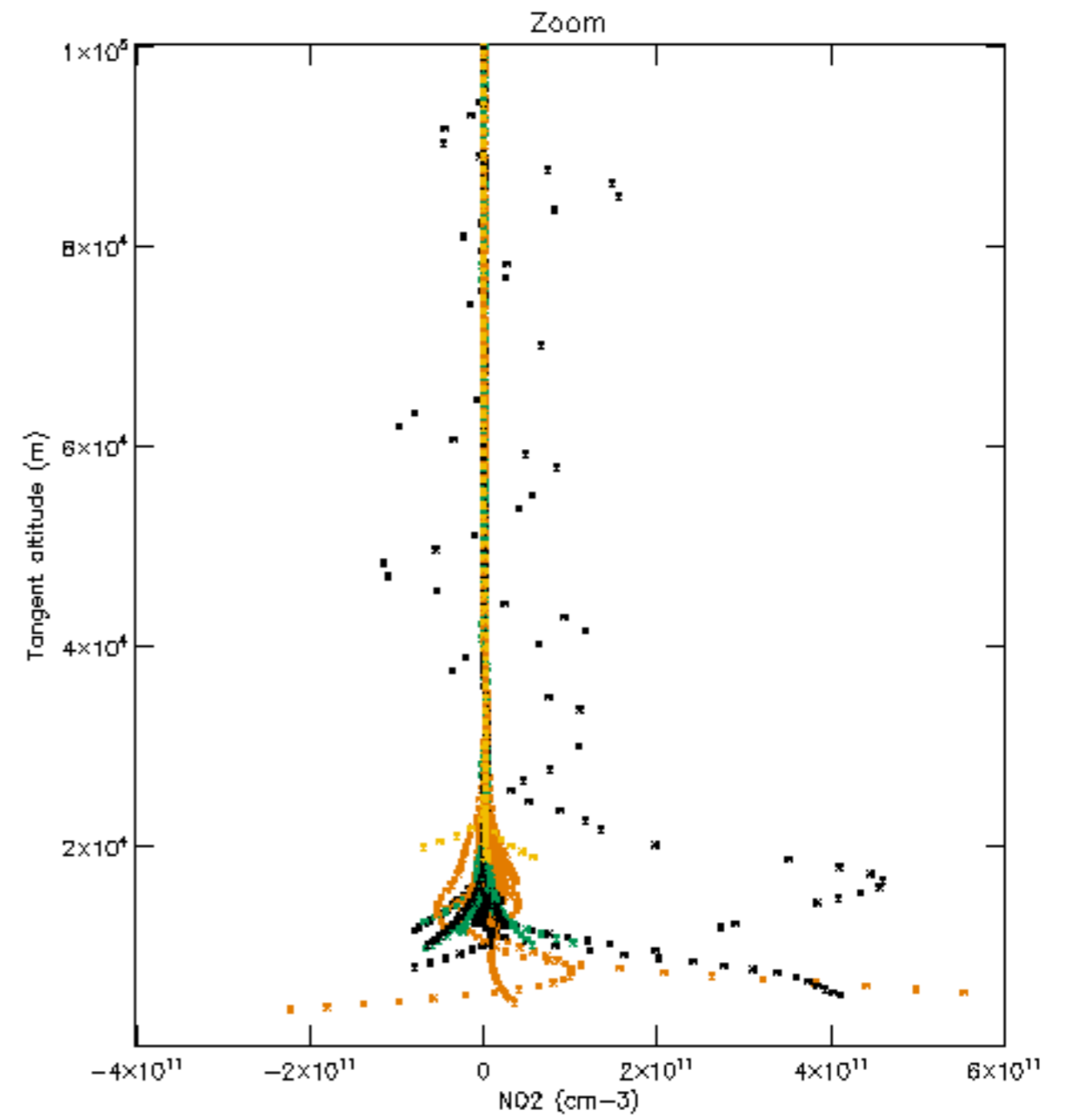
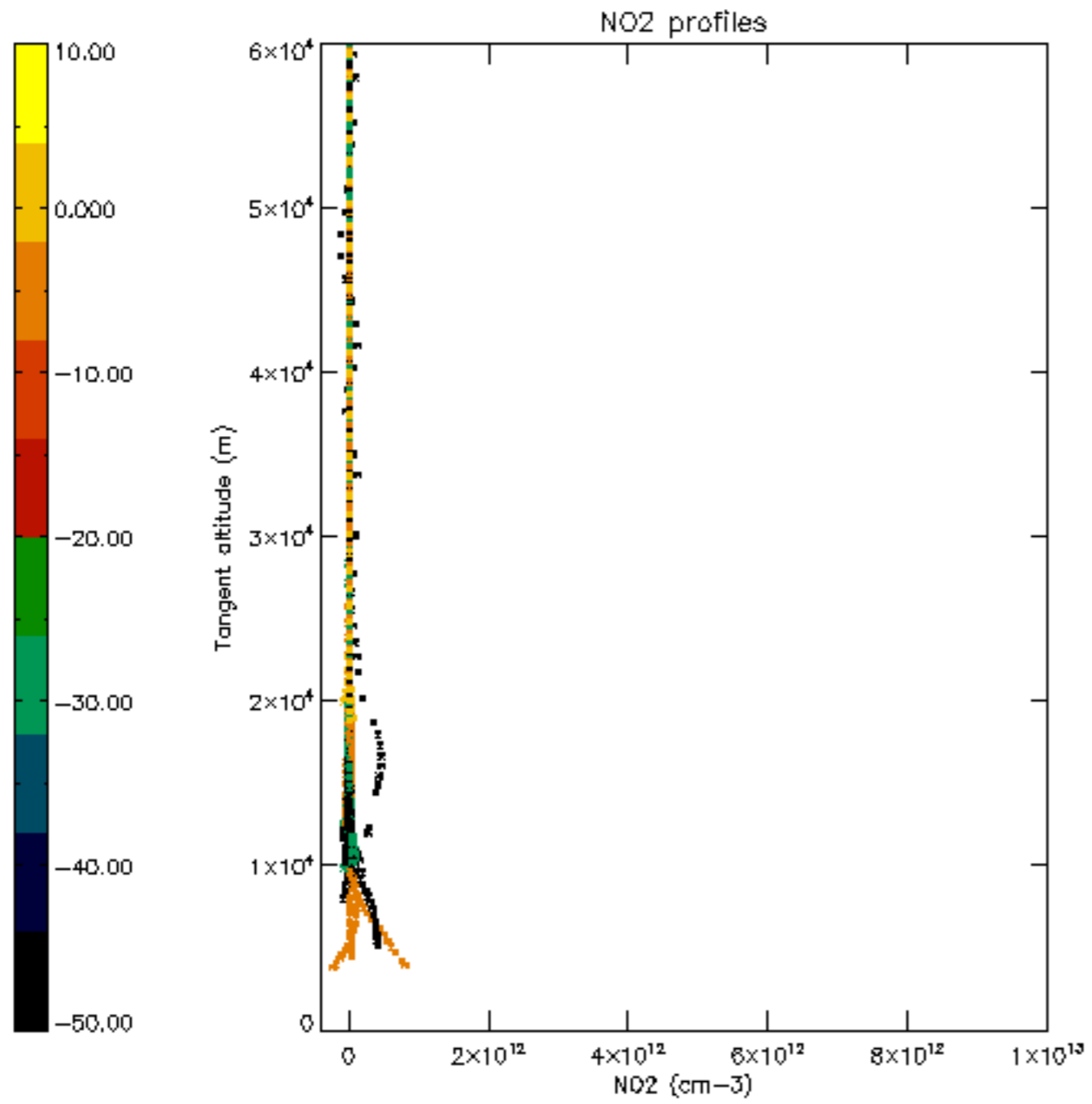


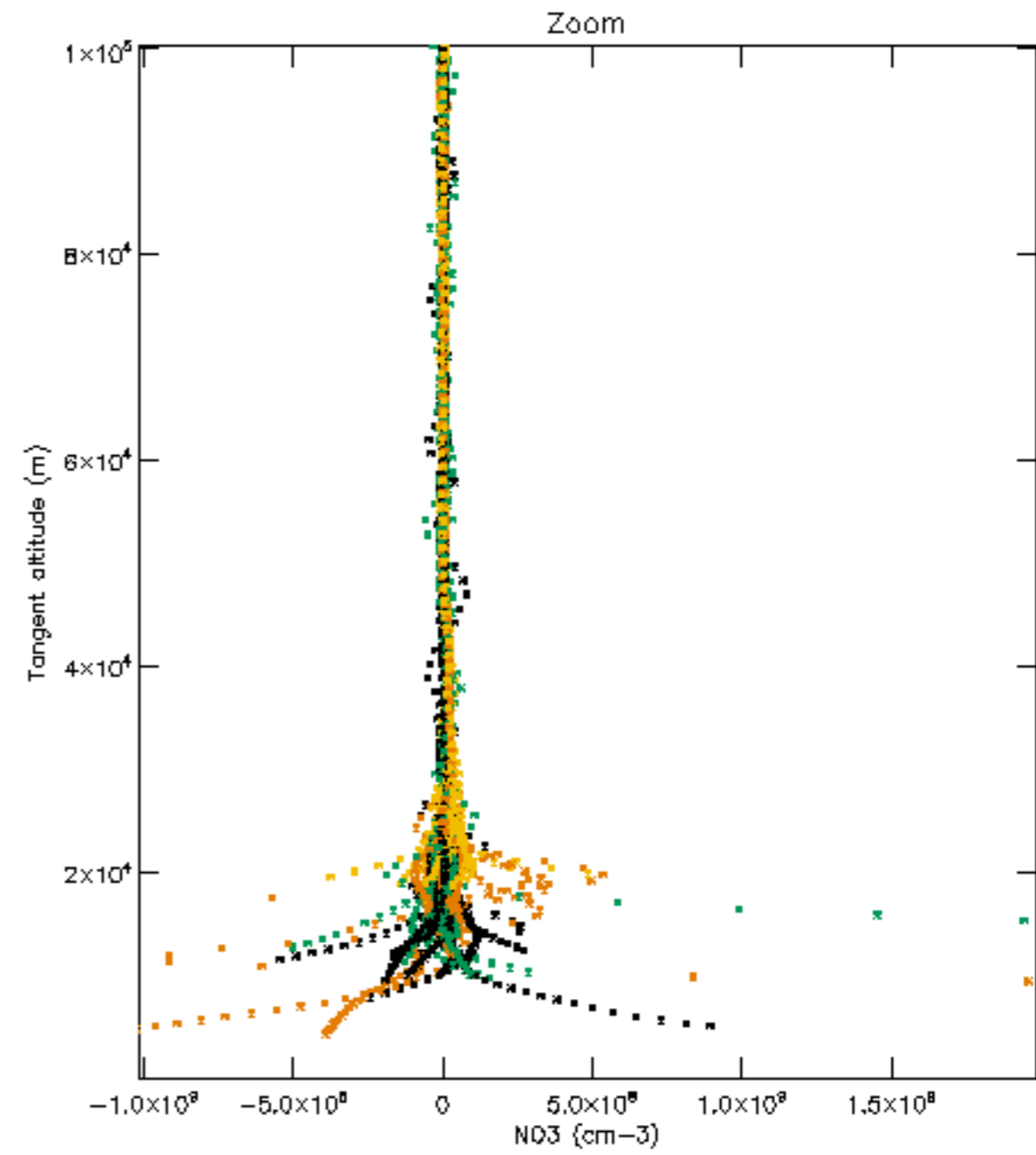
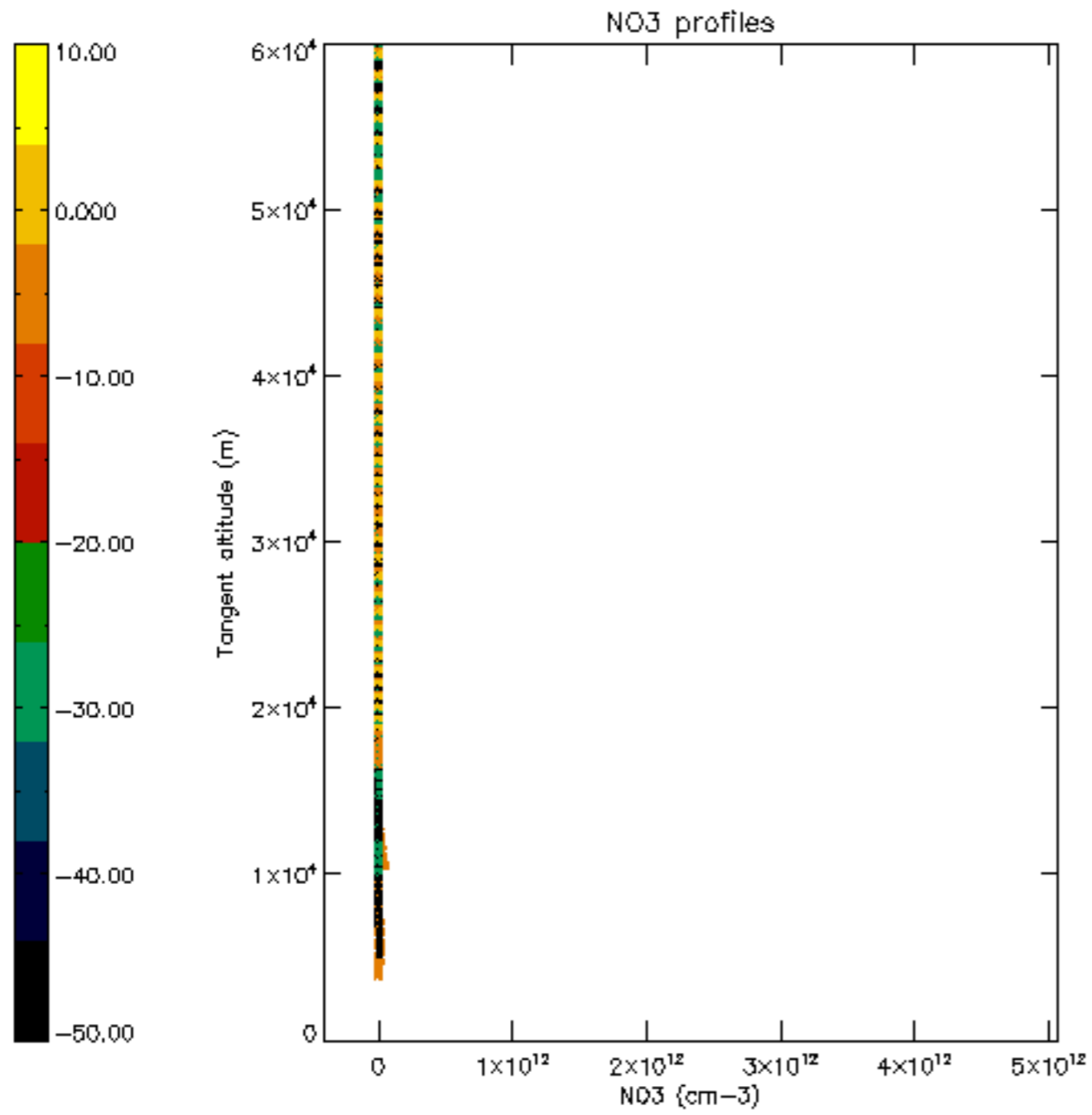


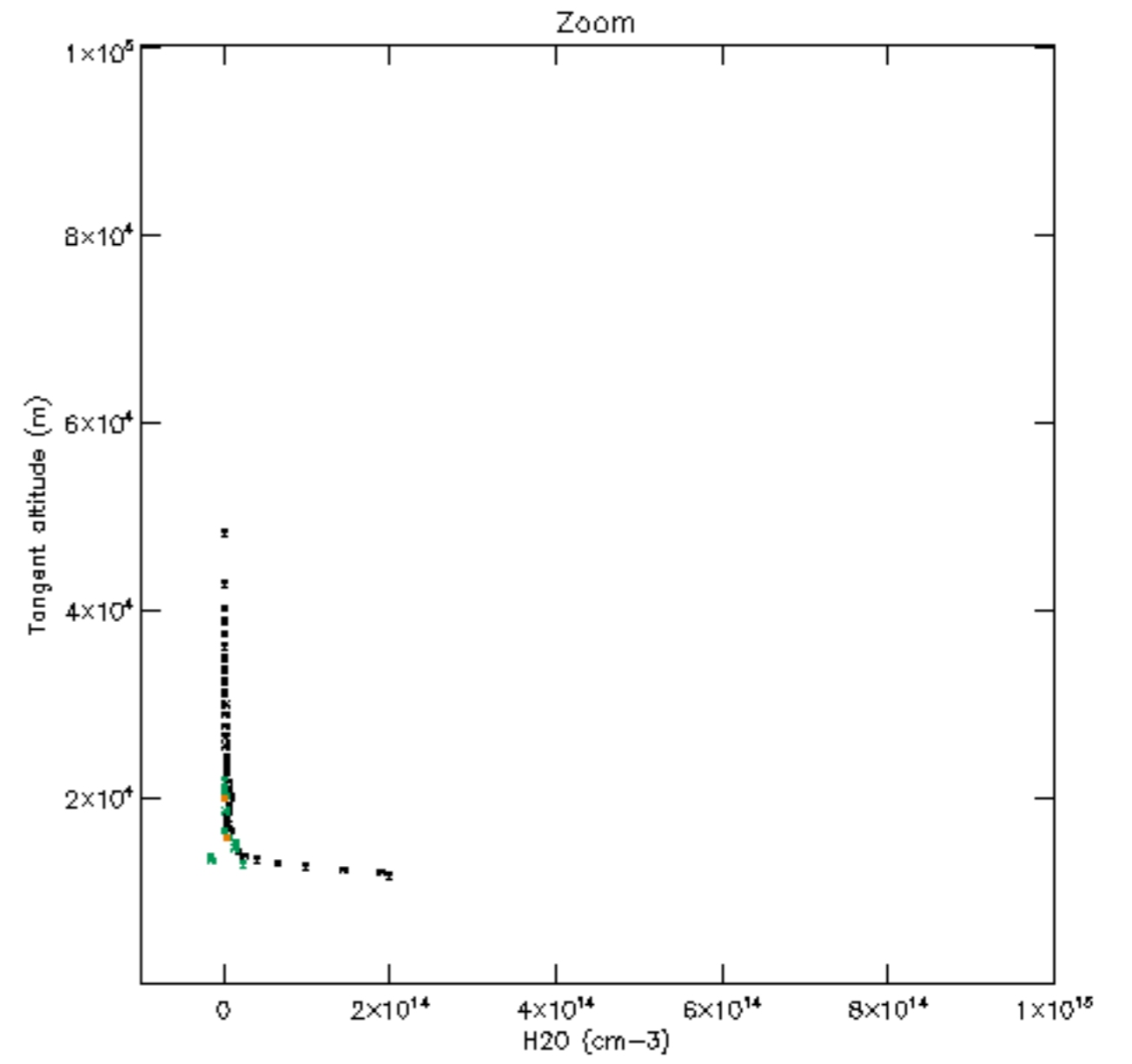
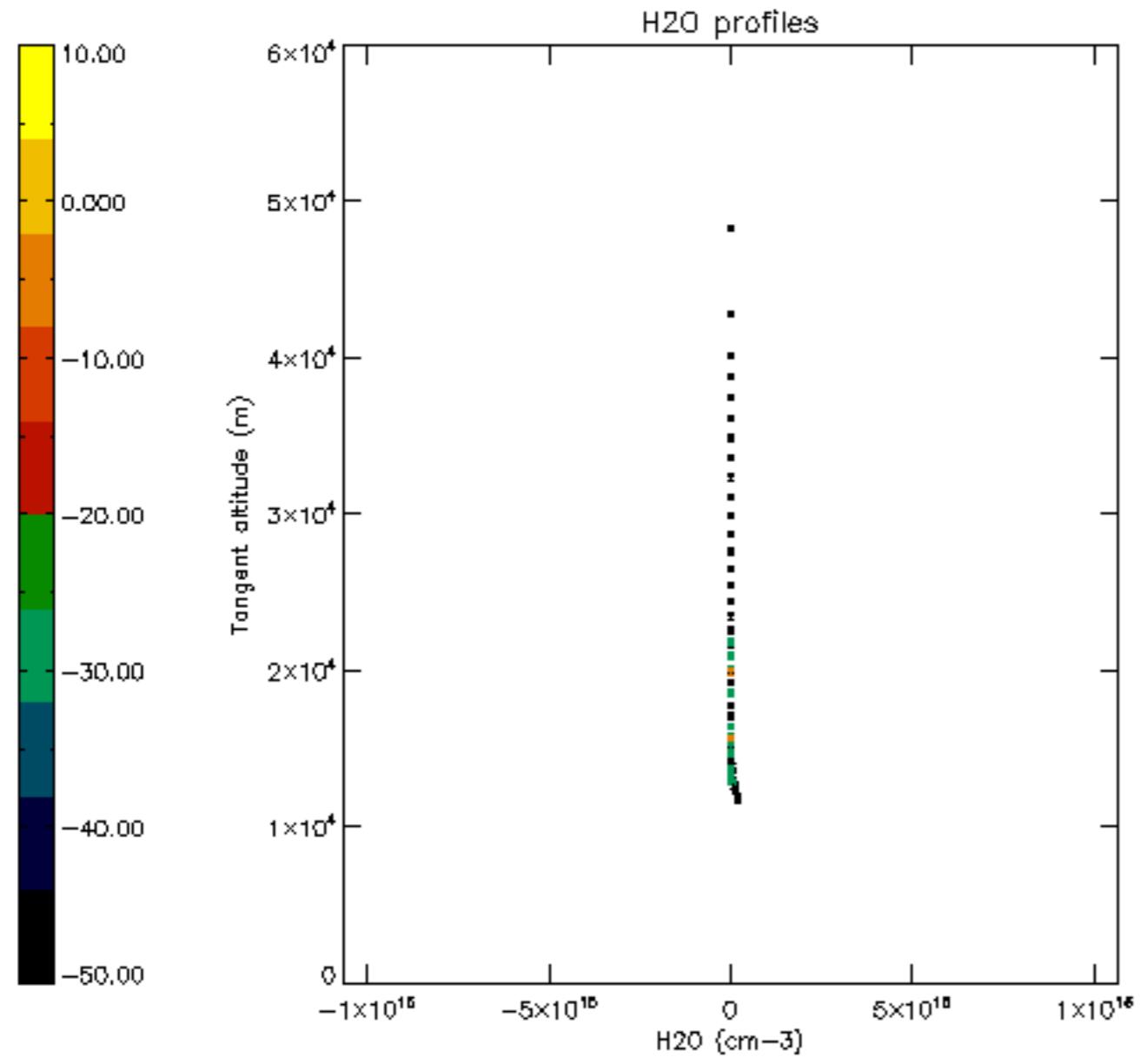


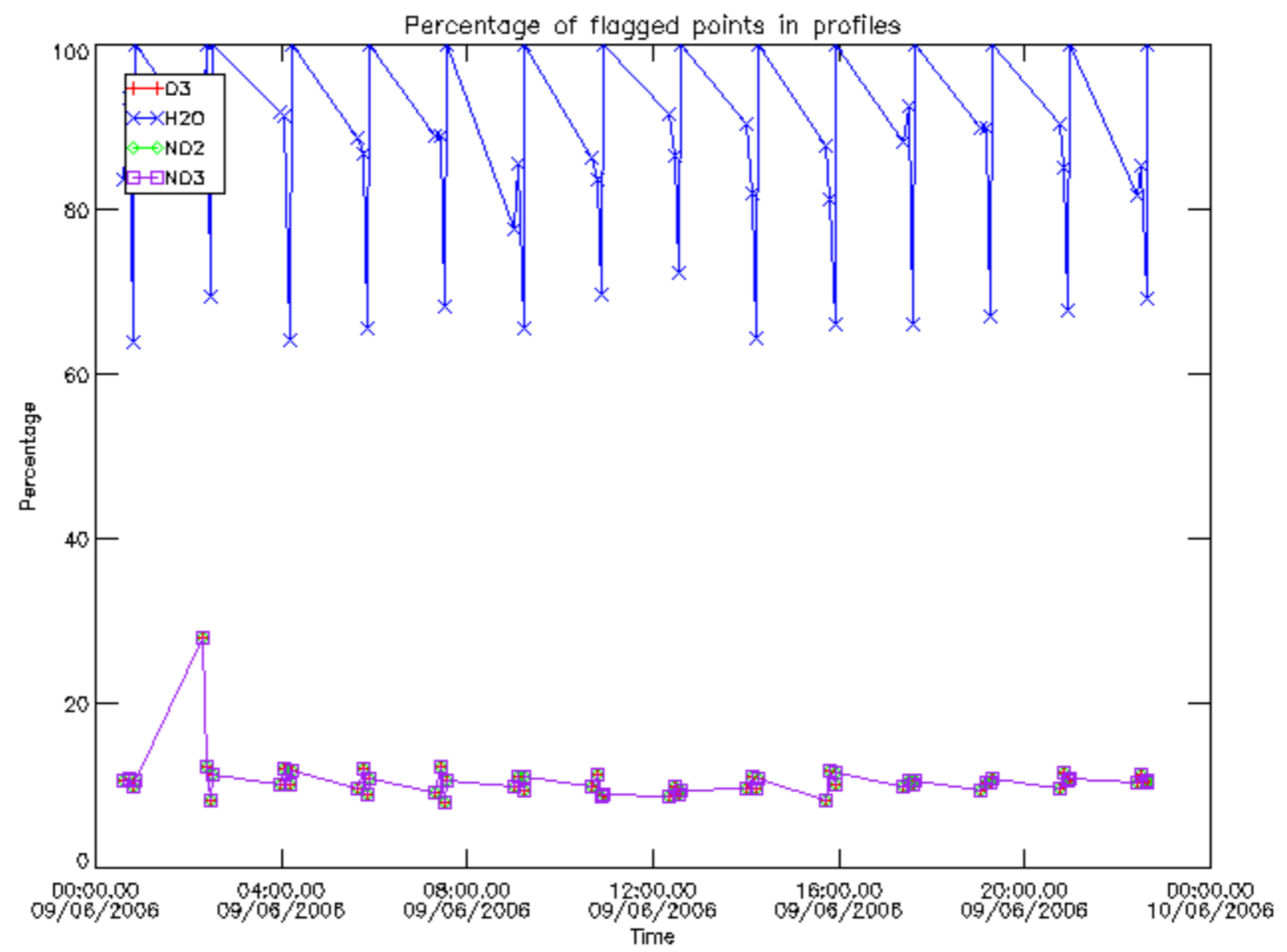




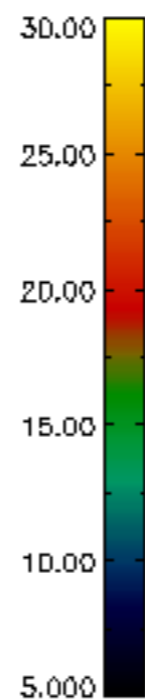
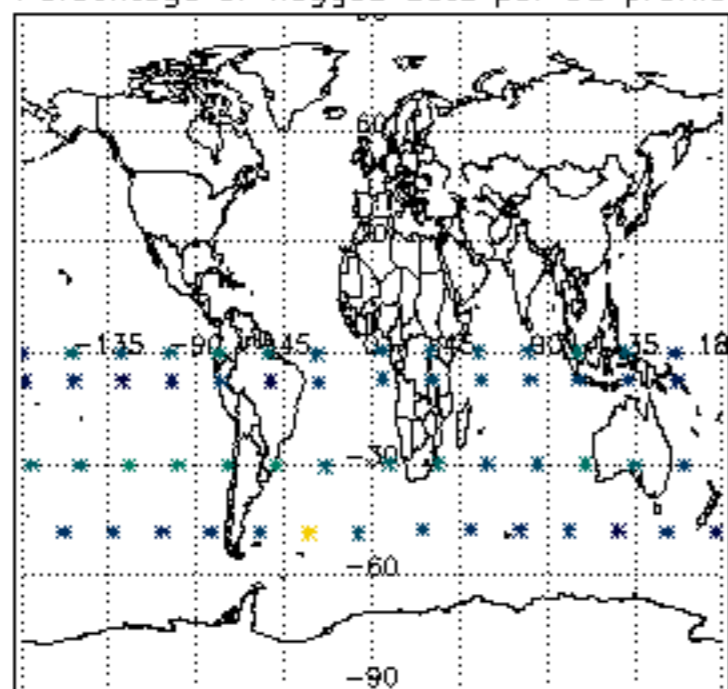




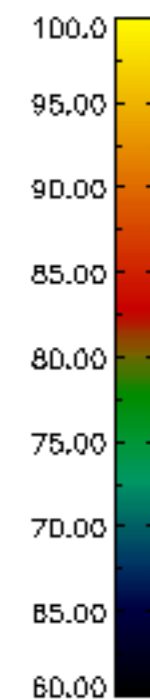
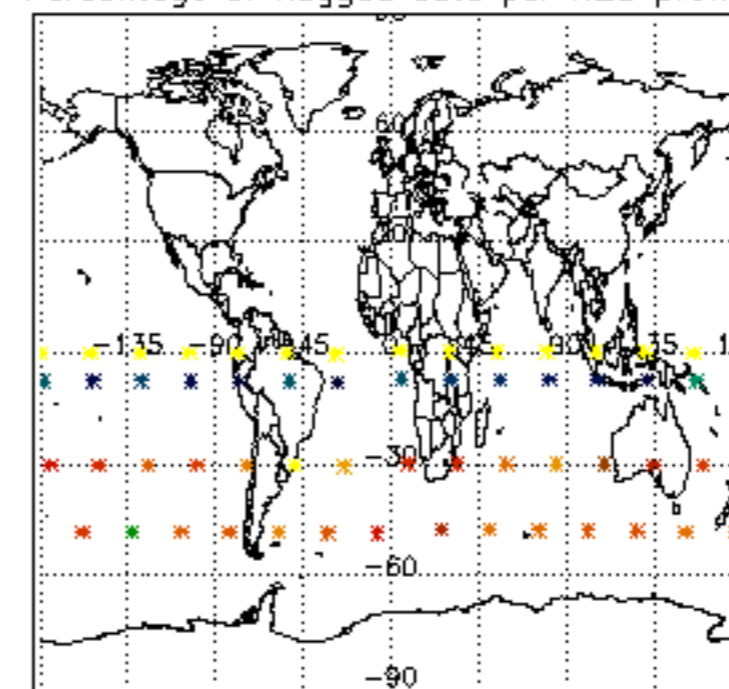




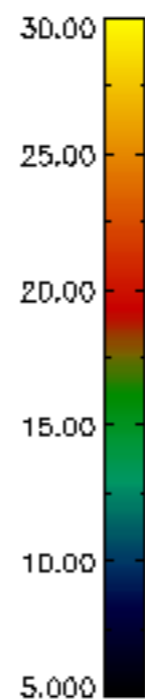
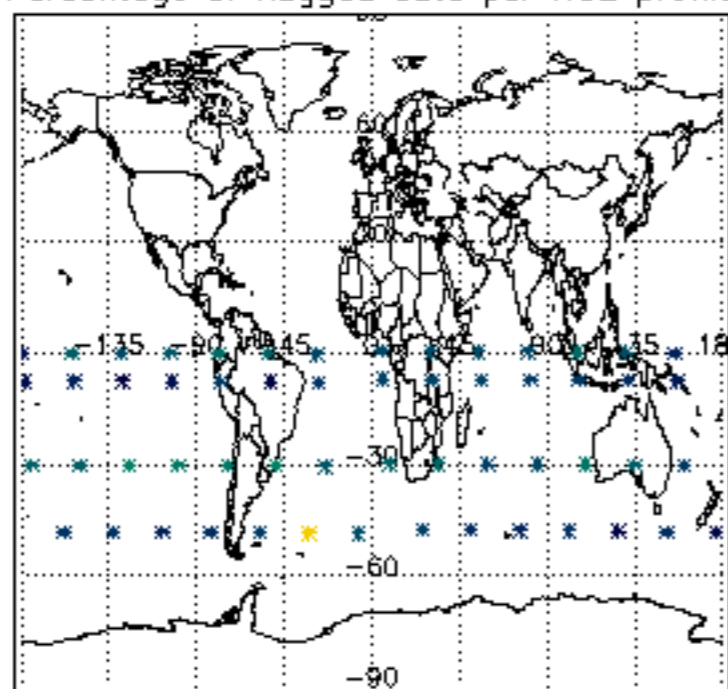
Percentage of flagged data per D3 profile



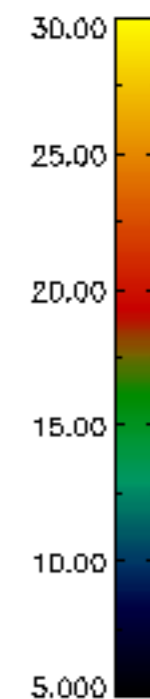
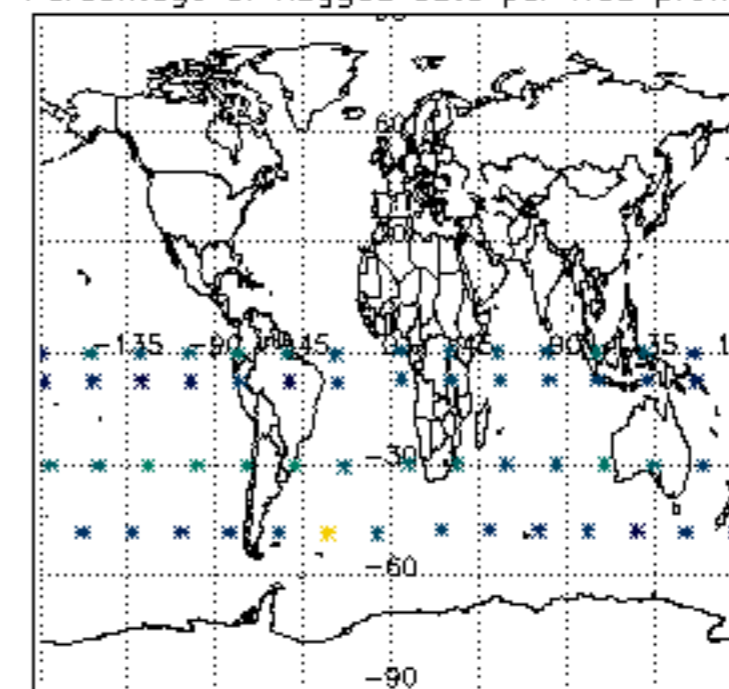
Percentage of flagged data per H2O profile

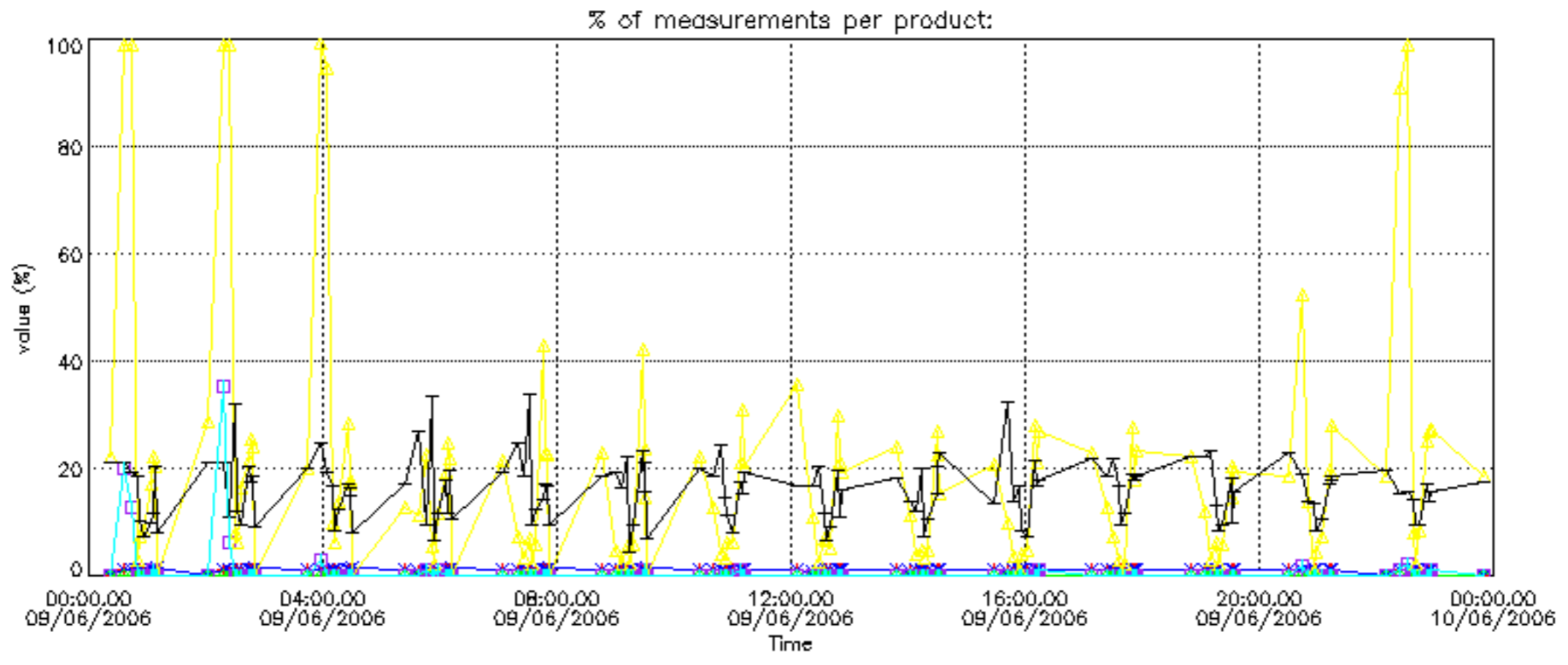


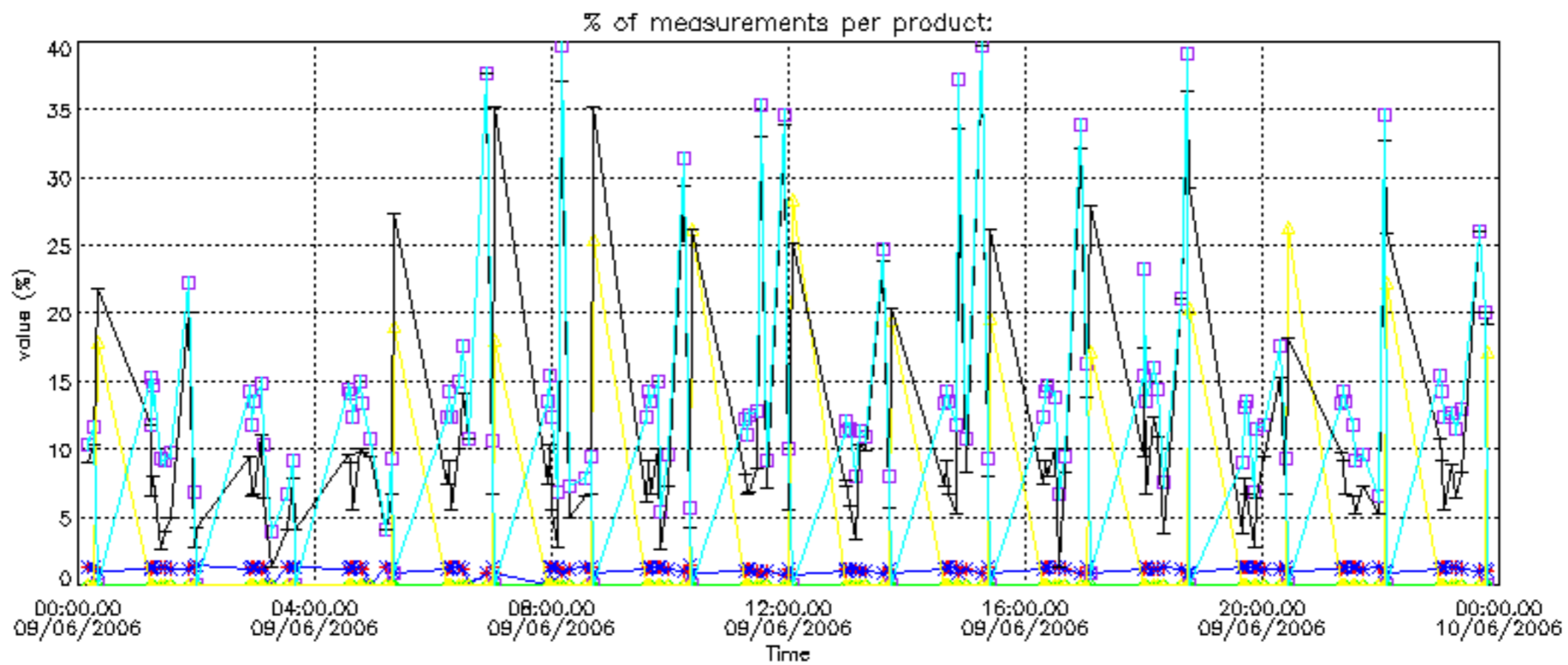
Percentage of flagged data per NO2 profile



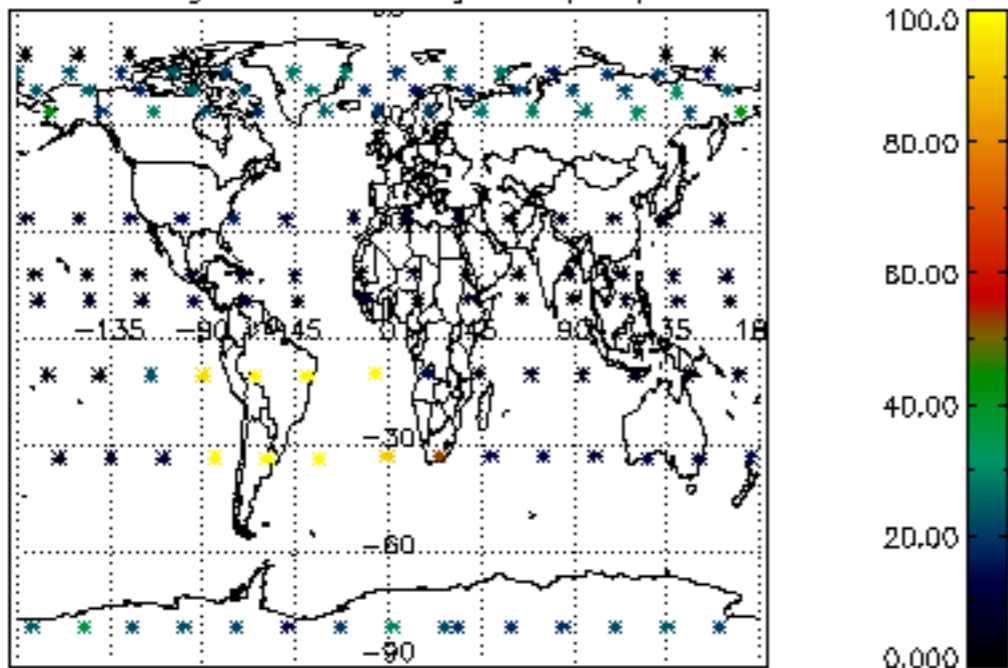
Percentage of flagged data per NO3 profile



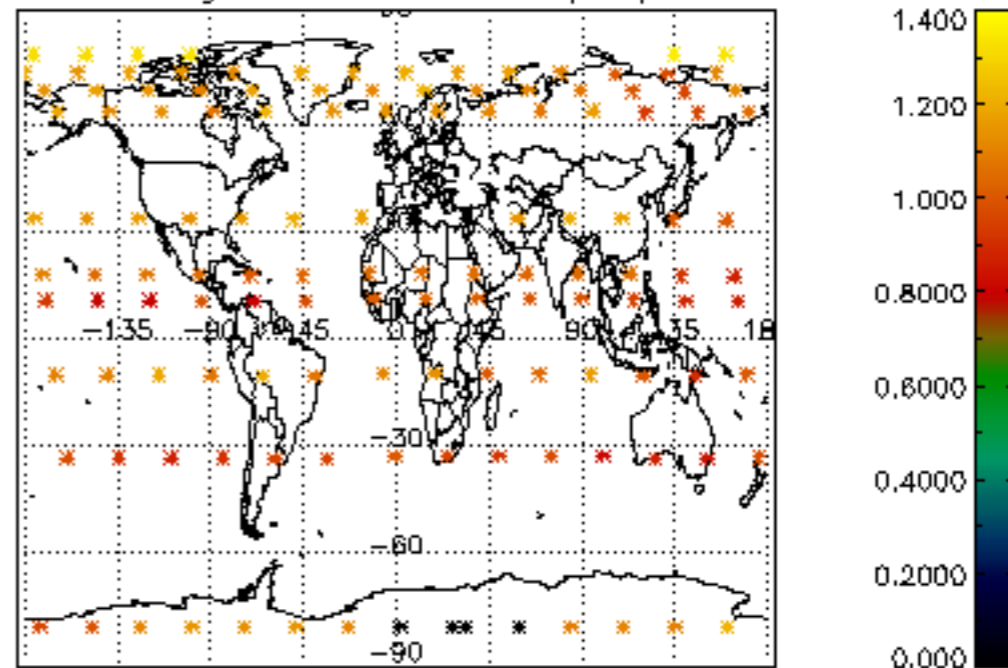




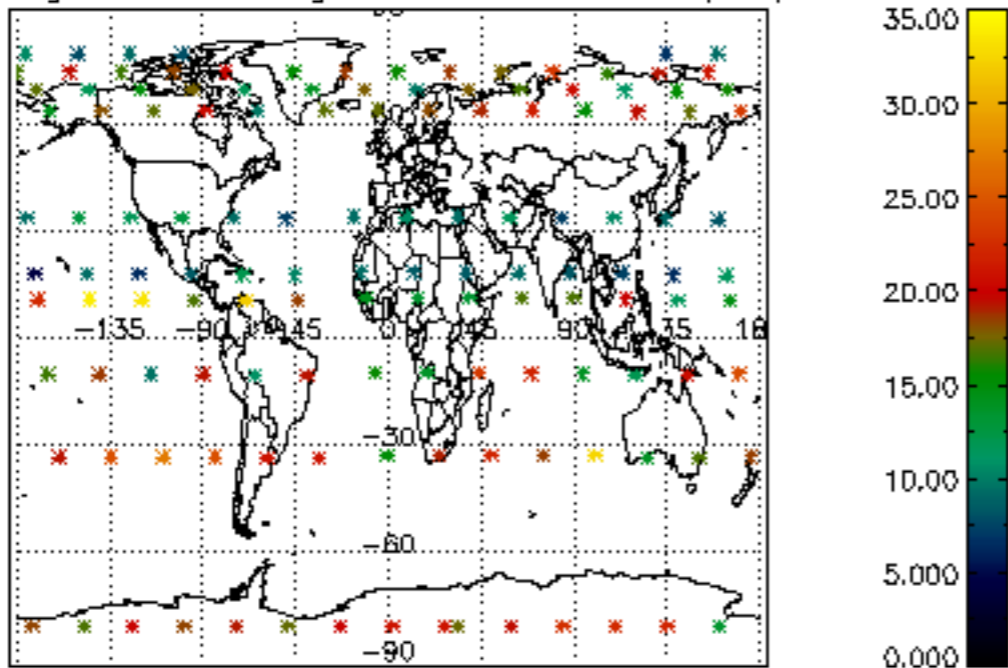
Percentage of cosmic ray hits per profile



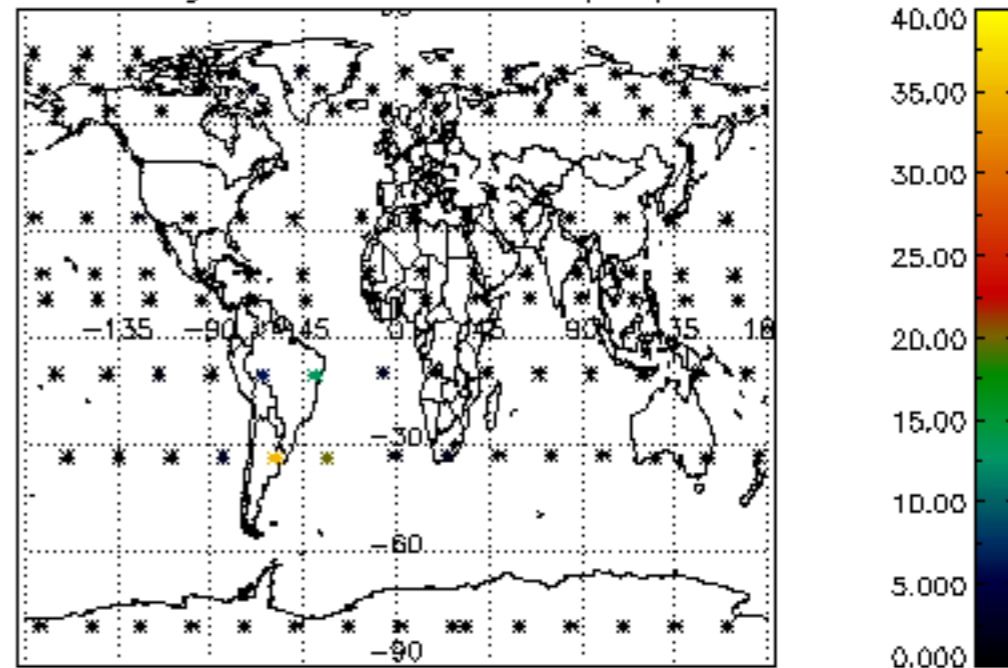
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

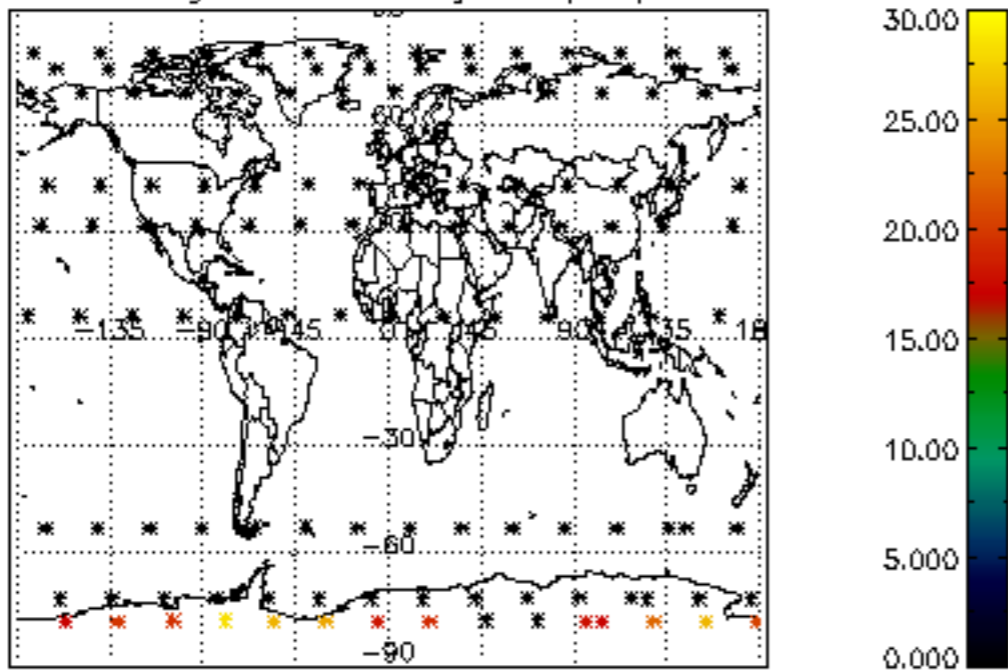


Percentage of saturation errors per profile

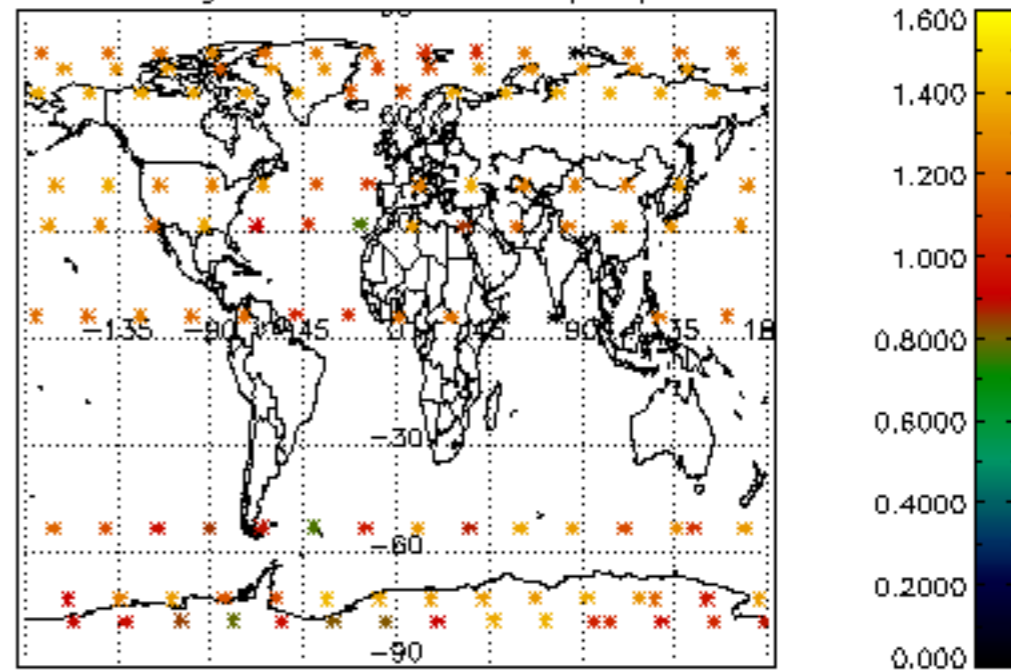




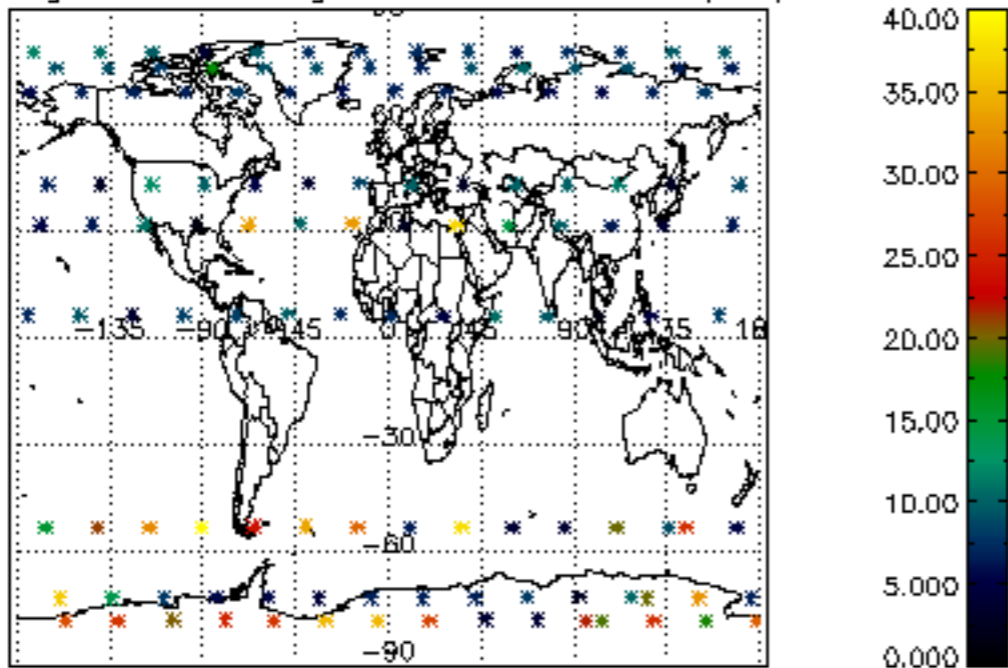
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

