

GOMOS Level 2 Daily Report

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This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM_NL__2P). It is intended to monitor some important parameters that will impact the quality of these products. A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

Item	Value
Time of report generation	25APR2013 18:38:49
Data source version	GOMOS/6.01
Start time of products	10-08-2008 (10AUG2008 00:00:00)
Stop time of products	11-08-2008 (11AUG2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	243
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__2PRFIN20080810_000417_000000512071_00073_33694_4843.N1	10-AUG-2008 00:04:17	Dark	51.000	14	58Alp Ori	0.87000	3000.0	102	33694	No
2	GOM_NL__2PRFIN20080810_000716_000000442071_00073_33694_4844.N1	10-AUG-2008 00:07:16	Dark	43.500	30	46Eps Ori	1.6940	30000.	87	33694	No
3	GOM_NL__2PRFIN20080810_001004_000000382071_00073_33694_4845.N1	10-AUG-2008 00:10:04	Dark	38.000	1	9Alp CMa	-1.4400	11000.	76	33694	No
4	GOM_NL__2PRFIN20080810_001202_000000462071_00073_33694_4846.N1	10-AUG-2008 00:12:02	Dark	46.000	101	11Alp Lep	2.5820	7000.0	92	33694	No
5	GOM_NL__2PRFIN20080810_001405_000000382071_00073_33694_4847.N1	10-AUG-2008 00:14:05	Dark	37.500	177	1Zet CMa	3.0220	26000.	75	33694	No
6	GOM_NL__2PRFIN20080810_002953_000000532071_00074_33695_4842.N1	10-AUG-2008 00:29:53	Dark	52.500	9	Alp Eri	0.45300	24000.	105	33695	No
7	GOM_NL__2PRFIN20080810_003605_000000382071_00074_33695_4843.N1	10-AUG-2008 00:36:05	Straylight	37.500	148	Alp Tuc	2.8780	4100.0	75	33695	No
8	GOM_NL__2PRFIN20080810_003936_000000412071_00074_33695_4844.N1	10-AUG-2008 00:39:36	Straylight	40.500	31	Alp Gru	1.7340	15200.	81	33695	No
9	GOM_NL__2PRFIN20080810_004238_000000422071_00074_33695_4845.N1	10-AUG-2008 00:42:38	Straylight	42.000	172	Gam Gru	3.0030	13100.	84	33695	No
10	GOM_NL__2PRFIN20080810_005732_000000362071_00074_33695_4846.N1	10-AUG-2008 00:57:32	Bright	35.500	11	53Alp Aql	0.76500	8000.0	71	33695	No
11	GOM_NL__2PRFIN20080810_005914_000000342071_00074_33695_4847.N1	10-AUG-2008 00:59:14	Bright	34.000	168	17Zet Aql	2.9860	11000.	68	33695	No
12	GOM_NL__2PRFIN20080810_010622_000000392071_00074_33695_4848.N1	10-AUG-2008 01:06:22	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	33695	No
13	GOM_NL__2PRFIN20080810_010751_000000352071_00074_33695_4849.N1	10-AUG-2008 01:07:51	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	33695	No
14	GOM_NL__2PRFIN20080810_011020_000000372071_00074_33695_4850.N1	10-AUG-2008 01:10:20	Bright	36.500	69	33Gam Dra	2.2310	3800.0	73	33695	No
15	GOM_NL__2PRFIN20080810_012033_000000342071_00074_33695_4851.N1	10-AUG-2008 01:20:33	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	33695	No
16	GOM_NL__2PRFIN20080810_013333_000000362071_00074_33695_4852.N1	10-AUG-2008 01:33:33	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	33695	No
17	GOM_NL__2PRFIN20080810_013554_000000382071_00074_33695_4853.N1	10-AUG-2008 01:35:54	Bright	38.000	107	37The Aur	2.6490	11000.	76	33695	No
18	GOM_NL__2PRFIN20080810_014003_000000472071_00074_33695_4854.N1	10-AUG-2008 01:40:03	Bright	46.500	151	13Mu Gem	2.8900	3000.0	93	33695	No
19	GOM_NL__2PRFIN20080810_014453_000000562071_00074_33695_4855.N1	10-AUG-2008 01:44:53	Dark	56.000	14	58Alp Ori	0.87000	3000.0	112	33695	No
20	GOM_NL__2PRFIN20080810_014753_000000422071_00074_33695_4856.N1	10-AUG-2008 01:47:53	Dark	41.500	30	46Eps Ori	1.6940	30000.	83	33695	No
21	GOM_NL__2PRFIN20080810_015040_000000432071_00074_33695_4857.N1	10-AUG-2008 01:50:40	Dark	42.500	1	9Alp CMa	-1.4400	11000.	85	33695	No
22	GOM_NL__2PRFIN20080810_015238_000000432071_00074_33695_4858.N1	10-AUG-2008 01:52:38	Dark	43.000	101	11Alp Lep	2.5820	7000.0	86	33695	No
23	GOM_NL__2PRFIN20080810_015441_000000402071_00074_33695_4859.N1	10-AUG-2008 01:54:41	Dark	39.500	177	1Zet CMa	3.0220	26000.	79	33695	No
24	GOM_NL__2PRFIN20080810_021029_000000442071_00075_33696_4865.N1	10-AUG-2008 02:10:29	Dark	44.000	9	Alp Eri	0.45300	24000.	88	33696	No
25	GOM_NL__2PRFIN20080810_021642_000000412071_00075_33696_4866.N1	10-AUG-2008 02:16:42	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	33696	No
26	GOM_NL__2PRFIN20080810_022012_000000472071_00075_33696_4867.N1	10-AUG-2008 02:20:12	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	33696	No
27	GOM_NL__2PRFIN20080810_022314_000000432071_00075_33696_4868.N1	10-AUG-2008 02:23:14	Straylight	42.500	172	Gam Gru	3.0030	13100.	85	33696	No
28	GOM_NL__2PRFIN20080810_023808_000000372071_00075_33696_4869.N1	10-AUG-2008 02:38:08	Bright	36.500	11	53Alp Aql	0.76500	8000.0	73	33696	No
29	GOM_NL__2PRFIN20080810_023950_000000362071_00075_33696_4870.N1	10-AUG-2008 02:39:50	Bright	36.000	168	17Zet Aql	2.9860	11000.	72	33696	No
30	GOM_NL__2PRFIN20080810_024658_000000052071_00075_33696_4871.N1	10-AUG-2008 02:46:58	Straylight	5.0000	5	3Alp Lyr	0.033000	11000.	10	33696	No
31	GOM_NL__2PRFIN20080810_024826_000000362071_00075_33696_4872.N1	10-AUG-2008 02:48:26	Bright	36.000	144	18Del Cyg	2.8600	11000.	72	33696	No
32	GOM_NL__2PRFIN20080810_025056_000000372071_00075_33696_4873.N1	10-AUG-2008 02:50:56	Bright	36.500	69	33Gam Dra	2.2310	3800.0	73	33696	No
33	GOM_NL__2PRFIN20080810_030109_000000352071_00075_33696_4874.N1	10-AUG-2008 03:01:09	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	33696	No
34	GOM_NL__2PRFIN20080810_031409_000000362071_00075_33696_4875.N1	10-AUG-2008 03:14:09	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	33696	No
35	GOM_NL__2PRFIN20080810_031630_000000382071_00075_33696_4876.N1	10-AUG-2008 03:16:30	Bright	37.500	107	37The Aur	2.6490	11000.	75	33696	No
36	GOM_NL__2PRFIN20080810_032039_000000482071_00075_33696_4877.N1	10-AUG-2008 03:20:39	Bright	48.000	151	13Mu Gem	2.8900	3000.0	96	33696	No
37	GOM_NL__2PRFIN20080810_032530_000000422071_00075_33696_4878.N1	10-AUG-2008 03:25:30	Dark	42.000	14	58Alp Ori	0.87000	3000.0	84	33696	No
38	GOM_NL__2PRFIN20080810_032829_000000442071_00075_33696_4879.N1	10-AUG-2008 03:28:29	Dark	44.000	30	46Eps Ori	1.6940	30000.	88	33696	No
39	GOM_NL__2PRFIN20080810_033116_000000452071_00075_33696_4880.N1	10-AUG-2008 03:31:16	Dark	44.500	1	9Alp CMa	-1.4400	11000.	89	33696	No
40	GOM_NL__2PRFIN20080810_033315_000000442071_00075_33696_4881.N1	10-AUG-2008 03:33:15	Dark	44.000	101	11Alp Lep	2.5820	7000.0	88	33696	No
41	GOM_NL__2PRFIN20080810_033517_000000372071_00075_33696_4882.N1	10-AUG-2008 03:35:17	Dark	37.000	177	1Zet CMa	3.0220	26000.	74	33696	No
42	GOM_NL__2PRFIN20080810_035106_000000442071_00076_33697_4875.N1	10-AUG-2008 03:51:06	Dark	43.500	9	Alp Eri	0.45300	24000.	87	33697	No

43	GOM_NL__2PRFIN20080810_035718_000000442071_00076_33697_4876.N1	10-AUG-2008 03:57:18	Straylight	44.000	148	Alp Tuc	2.8780	4100.0	88	33697	No
44	GOM_NL__2PRFIN20080810_040048_000000432071_00076_33697_4877.N1	10-AUG-2008 04:00:48	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	33697	No
45	GOM_NL__2PRFIN20080810_040351_000000442071_00076_33697_4878.N1	10-AUG-2008 04:03:51	Straylight	43.500	172	Gam Gru	3.0030	13100.	87	33697	No
46	GOM_NL__2PRFIN20080810_041844_000000372071_00076_33697_4879.N1	10-AUG-2008 04:18:44	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	33697	No
47	GOM_NL__2PRFIN20080810_042026_000000352071_00076_33697_4880.N1	10-AUG-2008 04:20:26	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	33697	No
48	GOM_NL__2PRFIN20080810_042902_000000362071_00076_33697_4881.N1	10-AUG-2008 04:29:02	Bright	36.000	144	18Del Cyg	2.8600	11000.	72	33697	No
49	GOM_NL__2PRFIN20080810_043133_000000362071_00076_33697_4882.N1	10-AUG-2008 04:31:33	Bright	35.500	69	33Gam Dra	2.2310	3800.0	71	33697	No
50	GOM_NL__2PRFIN20080810_044145_000000332071_00076_33697_4883.N1	10-AUG-2008 04:41:45	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	33697	No
51	GOM_NL__2PRFIN20080810_045445_000000372071_00076_33697_4884.N1	10-AUG-2008 04:54:45	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	33697	No
52	GOM_NL__2PRFIN20080810_045706_000000382071_00076_33697_4885.N1	10-AUG-2008 04:57:06	Bright	37.500	107	37The Aur	2.6490	11000.	75	33697	No
53	GOM_NL__2PRFIN20080810_050115_000000432071_00076_33697_4886.N1	10-AUG-2008 05:01:15	Bright	43.000	151	13Mu Gem	2.8900	3000.0	86	33697	No
54	GOM_NL__2PRFIN20080810_050606_000000442071_00076_33697_4887.N1	10-AUG-2008 05:06:06	Dark	43.500	14	58Alp Ori	0.87000	3000.0	87	33697	No
55	GOM_NL__2PRFIN20080810_050906_000000492071_00076_33697_4888.N1	10-AUG-2008 05:09:06	Dark	48.500	30	46Eps Ori	1.6940	30000.	97	33697	No
56	GOM_NL__2PRFIN20080810_051152_000000462071_00076_33697_4889.N1	10-AUG-2008 05:11:52	Dark	46.000	1	9Alp CMa	-1.4400	11000.	92	33697	No
57	GOM_NL__2PRFIN20080810_051351_000000462071_00076_33697_4890.N1	10-AUG-2008 05:13:51	Dark	45.500	101	11Alp Lep	2.5820	7000.0	91	33697	No
58	GOM_NL__2PRFIN20080810_051554_000000382071_00076_33697_4891.N1	10-AUG-2008 05:15:54	Dark	38.000	177	1Zet CMa	3.0220	26000.	76	33697	No
59	GOM_NL__2PRFIN20080810_053142_000000532071_00077_33698_4893.N1	10-AUG-2008 05:31:42	Dark	52.500	9	Alp Eri	0.45300	24000.	105	33698	No
60	GOM_NL__2PRFIN20080810_053755_000000432071_00077_33698_4894.N1	10-AUG-2008 05:37:55	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	33698	No
61	GOM_NL__2PRFIN20080810_054125_000000432071_00077_33698_4895.N1	10-AUG-2008 05:41:25	Straylight	43.000	31	Alp Gru	1.7340	15200.	86	33698	No
62	GOM_NL__2PRFIN20080810_054427_000000422071_00077_33698_4896.N1	10-AUG-2008 05:44:27	Straylight	41.500	172	Gam Gru	3.0030	13100.	83	33698	No
63	GOM_NL__2PRFIN20080810_055920_000000362071_00077_33698_4897.N1	10-AUG-2008 05:59:20	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	33698	No
64	GOM_NL__2PRFIN20080810_060102_000000342071_00077_33698_4898.N1	10-AUG-2008 06:01:02	Bright	33.500	168	17Zet Aql	2.9860	11000.	67	33698	No
65	GOM_NL__2PRFIN20080810_060811_000000372071_00077_33698_4899.N1	10-AUG-2008 06:08:11	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	33698	No
66	GOM_NL__2PRFIN20080810_060938_000000352071_00077_33698_4900.N1	10-AUG-2008 06:09:38	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	33698	No
67	GOM_NL__2PRFIN20080810_061209_000000402071_00077_33698_4901.N1	10-AUG-2008 06:12:09	Bright	39.500	69	33Gam Dra	2.2310	3800.0	79	33698	No
68	GOM_NL__2PRFIN20080810_062221_000000362071_00077_33698_4902.N1	10-AUG-2008 06:22:21	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33698	No
69	GOM_NL__2PRFIN20080810_063521_000000392071_00077_33698_4903.N1	10-AUG-2008 06:35:21	Bright	38.500	42	34Bet Aur	1.9000	10200.	77	33698	No
70	GOM_NL__2PRFIN20080810_063742_000000372071_00077_33698_4904.N1	10-AUG-2008 06:37:42	Bright	36.500	107	37The Aur	2.6490	11000.	73	33698	No
71	GOM_NL__2PRFIN20080810_064151_000000412071_00077_33698_4905.N1	10-AUG-2008 06:41:51	Bright	40.500	151	13Mu Gem	2.8900	3000.0	81	33698	No
72	GOM_NL__2PRFIN20080810_064642_000000512071_00077_33698_4906.N1	10-AUG-2008 06:46:42	Dark	51.000	14	58Alp Ori	0.87000	3000.0	102	33698	No
73	GOM_NL__2PRFIN20080810_064942_000000462071_00077_33698_4907.N1	10-AUG-2008 06:49:42	Dark	45.500	30	46Eps Ori	1.6940	30000.	91	33698	No
74	GOM_NL__2PRFIN20080810_065229_000000442071_00077_33698_4908.N1	10-AUG-2008 06:52:29	Dark	43.500	1	9Alp CMa	-1.4400	11000.	87	33698	No
75	GOM_NL__2PRFIN20080810_065428_000000452071_00077_33698_4909.N1	10-AUG-2008 06:54:28	Dark	45.000	101	11Alp Lep	2.5820	7000.0	90	33698	No
76	GOM_NL__2PRFIN20080810_065630_000000382071_00077_33698_4910.N1	10-AUG-2008 06:56:30	Dark	38.000	177	1Zet CMa	3.0220	26000.	76	33698	No
77	GOM_NL__2PRFIN20080810_071219_000000422071_00078_33699_4905.N1	10-AUG-2008 07:12:19	Dark	41.500	9	Alp Eri	0.45300	24000.	83	33699	No
78	GOM_NL__2PRFIN20080810_071831_000000402071_00078_33699_4906.N1	10-AUG-2008 07:18:31	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	33699	No
79	GOM_NL__2PRFIN20080810_072201_000000422071_00078_33699_4907.N1	10-AUG-2008 07:22:01	Straylight	41.500	31	Alp Gru	1.7340	15200.	83	33699	No
80	GOM_NL__2PRFIN20080810_072503_000000442071_00078_33699_4908.N1	10-AUG-2008 07:25:03	Straylight	43.500	172	Gam Gru	3.0030	13100.	87	33699	No
81	GOM_NL__2PRFIN20080810_073956_000000392071_00078_33699_4909.N1	10-AUG-2008 07:39:56	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	33699	No
82	GOM_NL__2PRFIN20080810_074138_000000362071_00078_33699_4910.N1	10-AUG-2008 07:41:38	Bright	36.000	168	17Zet Aql	2.9860	11000.	72	33699	No
83	GOM_NL__2PRFIN20080810_075014_000000362071_00078_33699_4911.N1	10-AUG-2008 07:50:14	Bright	36.000	144	18Del Cyg	2.8600	11000.	72	33699	No
84	GOM_NL__2PRFIN20080810_075245_000000362071_00078_33699_4912.N1	10-AUG-2008 07:52:45	Bright	36.000	69	33Gam Dra	2.2310	3800.0	72	33699	No
85	GOM_NL__2PRFIN20080810_080257_000000342071_00078_33699_4913.N1	10-AUG-2008 08:02:57	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	33699	No
86	GOM_NL__2PRFIN20080810_081557_000000382071_00078_33699_4914.N1	10-AUG-2008 08:15:57	Bright	38.000	42	34Bet Aur	1.9000	10200.	76	33699	No
87	GOM_NL__2PRFIN20080810_081818_000000372071_00078_33699_4915.N1	10-AUG-2008 08:18:18	Bright	36.500	107	37The Aur	2.6490	11000.	73	33699	No
88	GOM_NL__2PRFIN20080810_082227_000000412071_00078_33699_4916.N1	10-AUG-2008 08:22:27	Bright	40.500	151	13Mu Gem	2.8900	3000.0	81	33699	No
89	GOM_NL__2PRFIN20080810_082719_000000492071_00078_33699_4917.N1	10-AUG-2008 08:27:19	Dark	49.000	14	58Alp Ori	0.87000	3000.0	98	33699	No
90	GOM_NL__2PRFIN20080810_083018_000000452071_00078_33699_4918.N1	10-AUG-2008 08:30:18	Dark	44.500	30	46Eps Ori	1.6940	30000.	89	33699	No
91	GOM_NL__2PRFIN20080810_083305_000000492071_00078_33699_4919.N1	10-AUG-2008 08:33:05	Dark	49.000	1	9Alp CMa	-1.4400	11000.	98	33699	No
92	GOM_NL__2PRFIN20080810_083504_000000442071_00078_33699_4920.N1	10-AUG-2008 08:35:04	Dark	44.000	101	11Alp Lep	2.5820	7000.0	88	33699	No
93	GOM_NL__2PRFIN20080810_083706_000000362071_00078_33699_4921.N1	10-AUG-2008 08:37:06	Dark	36.000	177	1Zet CMa	3.0220	26000.	72	33699	No
94	GOM_NL__2PRFIN20080810_085256_000000432071_00079_33700_4917.N1	10-AUG-2008 08:52:56	Dark	42.500	9	Alp Eri	0.45300	24000.	85	33700	No
95	GOM_NL__2PRFIN20080810_085907_000000402071_00079_33700_4918.N1	10-AUG-2008 08:59:07	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	33700	No
96	GOM_NL__2PRFIN20080810_090238_000000412071_00079_33700_4919.N1	10-AUG-2008 09:02:38	Straylight	41.000	31	Alp Gru	1.7340	15200.	82	33700	No
97	GOM_NL__2PRFIN20080810_090540_000000432071_00079_33700_4920.N1	10-AUG-2008 09:05:40	Straylight	43.000	172	Gam Gru	3.0030	13100.	86	33700	No
98	GOM_NL__2PRFIN20080810_092032_000000372071_00079_33700_4921.N1	10-AUG-2008 09:20:32	Bright	36.500	11	53Alp Aql	0.76500	8000.0	73	33700	No
99	GOM_NL__2PRFIN20080810_092214_000000362071_00079_33700_4922.N1	10-AUG-2008 09:22:14	Bright	36.000	168	17Zet Aql	2.9860	11000.	72	33700	No
100	GOM_NL__2PRFIN20080810_093050_000000372071_00079_33700_4923.N1	10-AUG-2008 09:30:50	Bright	36.500	144	18Del Cyg	2.8600	11000.	73	33700	No
101	GOM_NL__2PRFIN20080810_093322_000000382071_00079_33700_4924.N1	10-AUG-2008 09:33:22	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	33700	No

102	GOM_NL__2PRFIN20080810_094333_000000372071_00079_33700_4925.N1	10-AUG-2008 09:43:33	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	33700	No
103	GOM_NL__2PRFIN20080810_095633_000000382071_00079_33700_4926.N1	10-AUG-2008 09:56:33	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	33700	No
104	GOM_NL__2PRFIN20080810_095854_000000382071_00079_33700_4927.N1	10-AUG-2008 09:58:54	Bright	37.500	107	37The Aur	2.6490	11000.	75	33700	No
105	GOM_NL__2PRFIN20080810_100303_000000542071_00079_33700_4928.N1	10-AUG-2008 10:03:03	Bright	54.000	151	13Mu Gem	2.8900	3000.0	108	33700	No
106	GOM_NL__2PRFIN20080810_100755_000000562071_00079_33700_4929.N1	10-AUG-2008 10:07:55	Dark	56.000	14	58Alp Ori	0.87000	3000.0	112	33700	No
107	GOM_NL__2PRFIN20080810_101055_000000462071_00079_33700_4930.N1	10-AUG-2008 10:10:55	Dark	46.000	30	46Eps Ori	1.6940	30000.	92	33700	No
108	GOM_NL__2PRFIN20080810_101341_000000422071_00079_33700_4931.N1	10-AUG-2008 10:13:41	Dark	41.500	1	9Alp CMa	-1.4400	11000.	83	33700	No
109	GOM_NL__2PRFIN20080810_101541_000000402071_00079_33700_4932.N1	10-AUG-2008 10:15:41	Dark	40.000	101	11Alp Lep	2.5820	7000.0	80	33700	No
110	GOM_NL__2PRFIN20080810_101742_000000372071_00079_33700_4933.N1	10-AUG-2008 10:17:42	Dark	36.500	177	1Zet CMa	3.0220	26000.	73	33700	No
111	GOM_NL__2PRFIN20080810_102340_000000522071_00079_33700_4934.N1	10-AUG-2008 10:23:40	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	33700	No
112	GOM_NL__2PRFIN20080810_103332_000000512071_00080_33701_4937.N1	10-AUG-2008 10:33:32	Dark	50.500	9	Alp Eri	0.45300	24000.	101	33701	No
113	GOM_NL__2PRFIN20080810_103944_000000422071_00080_33701_4938.N1	10-AUG-2008 10:39:44	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	33701	No
114	GOM_NL__2PRFIN20080810_104314_000000422071_00080_33701_4939.N1	10-AUG-2008 10:43:14	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	33701	No
115	GOM_NL__2PRFIN20080810_104616_000000432071_00080_33701_4940.N1	10-AUG-2008 10:46:16	Straylight	42.500	172	Gam Gru	3.0030	13100.	85	33701	No
116	GOM_NL__2PRFIN20080810_110108_000000362071_00080_33701_4941.N1	10-AUG-2008 11:01:08	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	33701	No
117	GOM_NL__2PRFIN20080810_110250_000000362071_00080_33701_4942.N1	10-AUG-2008 11:02:50	Bright	35.500	168	17Zet Aql	2.9860	11000.	71	33701	No
118	GOM_NL__2PRFIN20080810_110959_000000392071_00080_33701_4943.N1	10-AUG-2008 11:09:59	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	33701	No
119	GOM_NL__2PRFIN20080810_111126_000000342071_00080_33701_4944.N1	10-AUG-2008 11:11:26	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	33701	No
120	GOM_NL__2PRFIN20080810_111358_000000382071_00080_33701_4945.N1	10-AUG-2008 11:13:58	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	33701	No
121	GOM_NL__2PRFIN20080810_112409_000000362071_00080_33701_4946.N1	10-AUG-2008 11:24:09	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33701	No
122	GOM_NL__2PRFIN20080810_113709_000000382071_00080_33701_4947.N1	10-AUG-2008 11:37:09	Bright	38.000	42	34Bet Aur	1.9000	10200.	76	33701	No
123	GOM_NL__2PRFIN20080810_113930_000000362071_00080_33701_4948.N1	10-AUG-2008 11:39:30	Bright	35.500	107	37The Aur	2.6490	11000.	71	33701	No
124	GOM_NL__2PRFIN20080810_114339_000000422071_00080_33701_4949.N1	10-AUG-2008 11:43:39	Bright	42.000	151	13Mu Gem	2.8900	3000.0	84	33701	No
125	GOM_NL__2PRFIN20080810_114831_000000552071_00080_33701_4950.N1	10-AUG-2008 11:48:31	Dark	54.500	14	58Alp Ori	0.87000	3000.0	109	33701	No
126	GOM_NL__2PRFIN20080810_115131_000000462071_00080_33701_4951.N1	10-AUG-2008 11:51:31	Dark	45.500	30	46Eps Ori	1.6940	30000.	91	33701	No
127	GOM_NL__2PRFIN20080810_115417_000000472071_00080_33701_4952.N1	10-AUG-2008 11:54:17	Dark	47.000	1	9Alp CMa	-1.4400	11000.	94	33701	No
128	GOM_NL__2PRFIN20080810_115617_000000432071_00080_33701_4953.N1	10-AUG-2008 11:56:17	Dark	42.500	101	11Alp Lep	2.5820	7000.0	85	33701	No
129	GOM_NL__2PRFIN20080810_115819_000000382071_00080_33701_4954.N1	10-AUG-2008 11:58:19	Dark	37.500	177	1Zet CMa	3.0220	26000.	75	33701	No
130	GOM_NL__2PRFIN20080810_120416_000000482071_00080_33701_4955.N1	10-AUG-2008 12:04:16	Dark	48.000	2	Alp Car	-0.73600	7000.0	96	33701	No
131	GOM_NL__2PRFIN20080810_121409_000000442071_00081_33702_4952.N1	10-AUG-2008 12:14:09	Dark	44.000	9	Alp Eri	0.45300	24000.	88	33702	No
132	GOM_NL__2PRFIN20080810_122020_000000422071_00081_33702_4953.N1	10-AUG-2008 12:20:20	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	33702	No
133	GOM_NL__2PRFIN20080810_122350_000000452071_00081_33702_4954.N1	10-AUG-2008 12:23:50	Straylight	44.500	31	Alp Gru	1.7340	15200.	89	33702	No
134	GOM_NL__2PRFIN20080810_122652_000000442071_00081_33702_4955.N1	10-AUG-2008 12:26:52	Straylight	43.500	172	Gam Gru	3.0030	13100.	87	33702	No
135	GOM_NL__2PRFIN20080810_124144_000000362071_00081_33702_4956.N1	10-AUG-2008 12:41:44	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	33702	No
136	GOM_NL__2PRFIN20080810_124326_000000362071_00081_33702_4957.N1	10-AUG-2008 12:43:26	Bright	35.500	168	17Zet Aql	2.9860	11000.	71	33702	No
137	GOM_NL__2PRFIN20080810_125035_000000362071_00081_33702_4958.N1	10-AUG-2008 12:50:35	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	33702	No
138	GOM_NL__2PRFIN20080810_125202_000000352071_00081_33702_4959.N1	10-AUG-2008 12:52:02	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	33702	No
139	GOM_NL__2PRFIN20080810_125434_000000392071_00081_33702_4960.N1	10-AUG-2008 12:54:34	Bright	39.000	69	33Gam Dra	2.2310	3800.0	78	33702	No
140	GOM_NL__2PRFIN20080810_131745_000000382071_00081_33702_4961.N1	10-AUG-2008 13:17:45	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	33702	No
141	GOM_NL__2PRFIN20080810_132006_000000472071_00081_33702_4962.N1	10-AUG-2008 13:20:06	Bright	47.000	107	37The Aur	2.6490	11000.	94	33702	No
142	GOM_NL__2PRFIN20080810_132416_000000432071_00081_33702_4963.N1	10-AUG-2008 13:24:16	Bright	42.500	151	13Mu Gem	2.8900	3000.0	85	33702	No
143	GOM_NL__2PRFIN20080810_132908_000000512071_00081_33702_4964.N1	10-AUG-2008 13:29:08	Dark	51.000	14	58Alp Ori	0.87000	3000.0	102	33702	No
144	GOM_NL__2PRFIN20080810_133208_000000472071_00081_33702_4965.N1	10-AUG-2008 13:32:08	Dark	47.000	30	46Eps Ori	1.6940	30000.	94	33702	No
145	GOM_NL__2PRFIN20080810_133453_000000392071_00081_33702_4966.N1	10-AUG-2008 13:34:53	Dark	38.500	1	9Alp CMa	-1.4400	11000.	77	33702	No
146	GOM_NL__2PRFIN20080810_133654_000000432071_00081_33702_4967.N1	10-AUG-2008 13:36:54	Dark	43.000	101	11Alp Lep	2.5820	7000.0	86	33702	No
147	GOM_NL__2PRFIN20080810_133855_000000382071_00081_33702_4968.N1	10-AUG-2008 13:38:55	Dark	38.000	177	1Zet CMa	3.0220	26000.	76	33702	No
148	GOM_NL__2PRFIN20080810_134452_000000522071_00081_33702_4969.N1	10-AUG-2008 13:44:52	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	33702	No
149	GOM_NL__2PRFIN20080810_135446_000000442071_00082_33703_4963.N1	10-AUG-2008 13:54:46	Dark	44.000	9	Alp Eri	0.45300	24000.	88	33703	No
150	GOM_NL__2PRFIN20080810_140056_000000412071_00082_33703_4964.N1	10-AUG-2008 14:00:56	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	33703	No
151	GOM_NL__2PRFIN20080810_140426_000000422071_00082_33703_4965.N1	10-AUG-2008 14:04:26	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	33703	No
152	GOM_NL__2PRFIN20080810_140728_000000422071_00082_33703_4966.N1	10-AUG-2008 14:07:28	Straylight	41.500	172	Gam Gru	3.0030	13100.	83	33703	No
153	GOM_NL__2PRFIN20080810_142220_000000352071_00082_33703_4967.N1	10-AUG-2008 14:22:20	Bright	35.000	11	53Alp Aql	0.76500	8000.0	70	33703	No
154	GOM_NL__2PRFIN20080810_142403_000000342071_00082_33703_4968.N1	10-AUG-2008 14:24:03	Bright	33.500	168	17Zet Aql	2.9860	11000.	67	33703	No
155	GOM_NL__2PRFIN20080810_143111_000000342071_00082_33703_4969.N1	10-AUG-2008 14:31:11	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	33703	No
156	GOM_NL__2PRFIN20080810_143238_000000362071_00082_33703_4970.N1	10-AUG-2008 14:32:38	Bright	35.500	144	18Del Cyg	2.8600	11000.	71	33703	No
157	GOM_NL__2PRFIN20080810_143510_000000382071_00082_33703_4971.N1	10-AUG-2008 14:35:10	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	33703	No
158	GOM_NL__2PRFIN20080810_144520_000000332071_00082_33703_4972.N1	10-AUG-2008 14:45:20	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	33703	No
159	GOM_NL__2PRFIN20080810_145821_000000382071_00082_33703_4973.N1	10-AUG-2008 14:58:21	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	33703	No
160	GOM_NL__2PRFIN20080810_150042_000000362071_00082_33703_4974.N1	10-AUG-2008 15:00:42	Bright	36.000	107	37The Aur	2.6490	11000.	72	33703	No

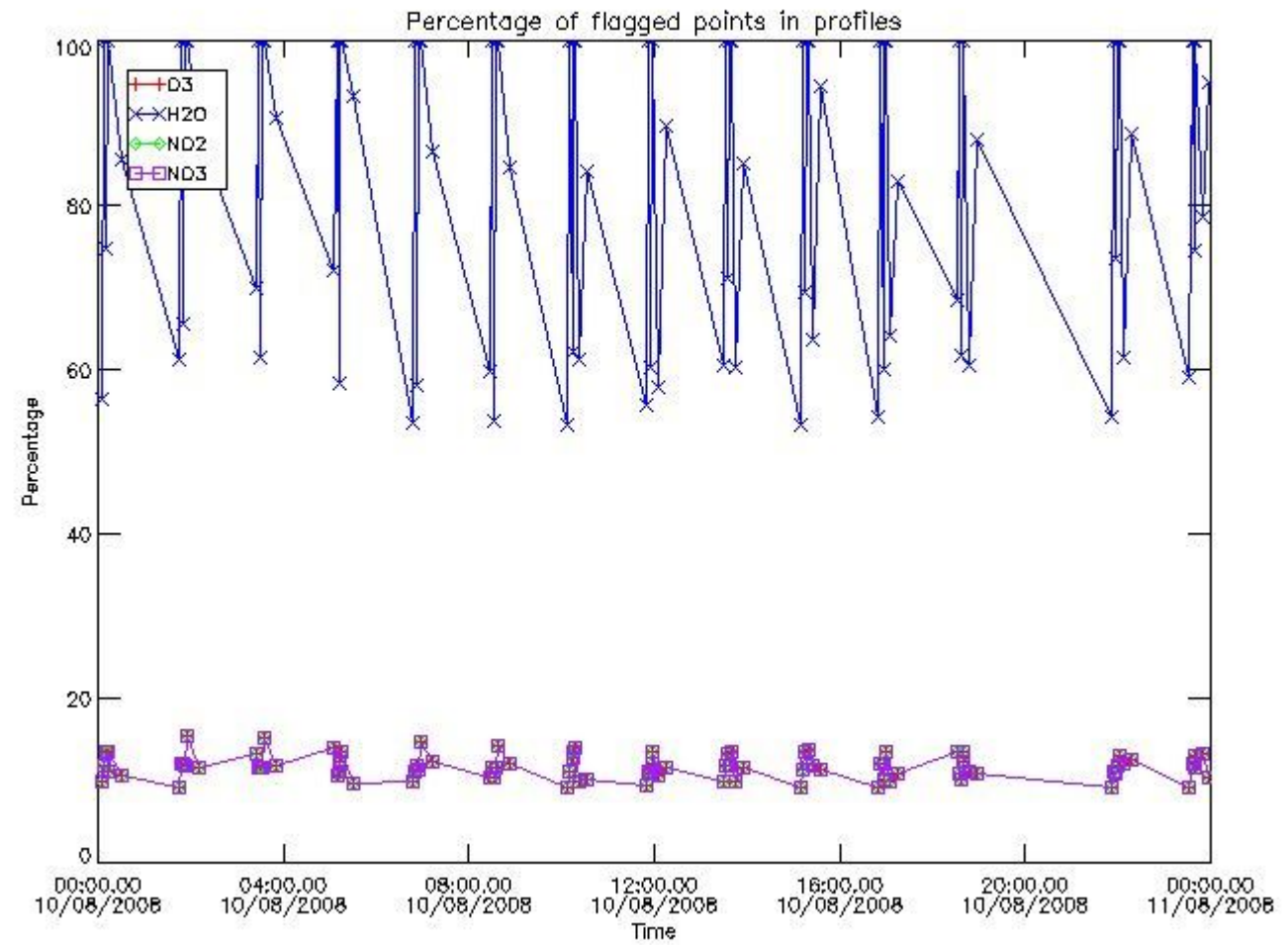
161	GOM_NL__2PRFIN20080810_150452_000000442071_00082_33703_4975.N1	10-AUG-2008 15:04:52	Bright	43.500	151	13Mu Gem	2.8900	3000.0	87	33703	No
162	GOM_NL__2PRFIN20080810_150944_000000562071_00082_33703_4976.N1	10-AUG-2008 15:09:44	Dark	56.000	14	58Alp Ori	0.87000	3000.0	112	33703	No
163	GOM_NL__2PRFIN20080810_151244_000000452071_00082_33703_4977.N1	10-AUG-2008 15:12:44	Dark	45.000	30	46Eps Ori	1.6940	30000.	90	33703	No
164	GOM_NL__2PRFIN20080810_151529_000000382071_00082_33703_4978.N1	10-AUG-2008 15:15:29	Dark	38.000	1	9Alp CMa	-1.4400	11000.	76	33703	No
165	GOM_NL__2PRFIN20080810_151730_000000432071_00082_33703_4979.N1	10-AUG-2008 15:17:30	Dark	42.500	101	11Alp Lep	2.5820	7000.0	85	33703	No
166	GOM_NL__2PRFIN20080810_151931_000000372071_00082_33703_4980.N1	10-AUG-2008 15:19:31	Dark	37.000	177	1Zet CMa	3.0220	26000.	74	33703	No
167	GOM_NL__2PRFIN20080810_152528_000000432071_00082_33703_4981.N1	10-AUG-2008 15:25:28	Dark	43.000	2	Alp Car	-0.73600	7000.0	86	33703	No
168	GOM_NL__2PRFIN20080810_153522_000000452071_00083_33704_4977.N1	10-AUG-2008 15:35:22	Dark	45.000	9	Alp Eri	0.45300	24000.	90	33704	No
169	GOM_NL__2PRFIN20080810_154132_000000392071_00083_33704_4978.N1	10-AUG-2008 15:41:32	Straylight	38.500	148	Alp Tuc	2.8780	4100.0	77	33704	No
170	GOM_NL__2PRFIN20080810_154503_000000462071_00083_33704_4979.N1	10-AUG-2008 15:45:03	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	33704	No
171	GOM_NL__2PRFIN20080810_154805_000000412071_00083_33704_4980.N1	10-AUG-2008 15:48:05	Straylight	40.500	172	Gam Gru	3.0030	13100.	81	33704	No
172	GOM_NL__2PRFIN20080810_160256_000000362071_00083_33704_4981.N1	10-AUG-2008 16:02:56	Bright	35.500	11	53Alp Aql	0.76500	8000.0	71	33704	No
173	GOM_NL__2PRFIN20080810_160439_000000362071_00083_33704_4982.N1	10-AUG-2008 16:04:39	Bright	35.500	168	17Zet Aql	2.9860	11000.	71	33704	No
174	GOM_NL__2PRFIN20080810_161147_000000362071_00083_33704_4983.N1	10-AUG-2008 16:11:47	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	33704	No
175	GOM_NL__2PRFIN20080810_161314_000000352071_00083_33704_4984.N1	10-AUG-2008 16:13:14	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	33704	No
176	GOM_NL__2PRFIN20080810_161546_000000372071_00083_33704_4985.N1	10-AUG-2008 16:15:46	Bright	36.500	69	33Gam Dra	2.2310	3800.0	73	33704	No
177	GOM_NL__2PRFIN20080810_162556_000000372071_00083_33704_4986.N1	10-AUG-2008 16:25:56	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	33704	No
178	GOM_NL__2PRFIN20080810_163857_000000492071_00083_33704_4987.N1	10-AUG-2008 16:38:57	Bright	49.000	42	34Bet Aur	1.9000	10200.	98	33704	No
179	GOM_NL__2PRFIN20080810_164118_000000562071_00083_33704_4988.N1	10-AUG-2008 16:41:18	Bright	56.000	107	37The Aur	2.6490	11000.	112	33704	No
180	GOM_NL__2PRFIN20080810_164528_000000442071_00083_33704_4989.N1	10-AUG-2008 16:45:28	Bright	44.000	151	13Mu Gem	2.8900	3000.0	88	33704	No
181	GOM_NL__2PRFIN20080810_165020_000000562071_00083_33704_4990.N1	10-AUG-2008 16:50:20	Dark	56.000	14	58Alp Ori	0.87000	3000.0	112	33704	No
182	GOM_NL__2PRFIN20080810_165320_000000432071_00083_33704_4991.N1	10-AUG-2008 16:53:20	Dark	42.500	30	46Eps Ori	1.6940	30000.	85	33704	No
183	GOM_NL__2PRFIN20080810_165606_000000512071_00083_33704_4992.N1	10-AUG-2008 16:56:06	Dark	50.500	1	9Alp CMa	-1.4400	11000.	101	33704	No
184	GOM_NL__2PRFIN20080810_165807_000000432071_00083_33704_4993.N1	10-AUG-2008 16:58:07	Dark	42.500	101	11Alp Lep	2.5820	7000.0	85	33704	No
185	GOM_NL__2PRFIN20080810_170007_000000382071_00083_33704_4994.N1	10-AUG-2008 17:00:07	Dark	37.500	177	1Zet CMa	3.0220	26000.	75	33704	No
186	GOM_NL__2PRFIN20080810_170605_000000522071_00083_33704_4995.N1	10-AUG-2008 17:06:05	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	33704	No
187	GOM_NL__2PRFIN20080810_171559_000000472071_00084_33705_4998.N1	10-AUG-2008 17:15:59	Dark	47.000	9	Alp Eri	0.45300	24000.	94	33705	No
188	GOM_NL__2PRFIN20080810_172209_000000382071_00084_33705_4999.N1	10-AUG-2008 17:22:09	Straylight	38.000	148	Alp Tuc	2.8780	4100.0	76	33705	No
189	GOM_NL__2PRFIN20080810_172539_000000472071_00084_33705_5000.N1	10-AUG-2008 17:25:39	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	33705	No
190	GOM_NL__2PRFIN20080810_172841_000000422071_00084_33705_5001.N1	10-AUG-2008 17:28:41	Straylight	41.500	172	Gam Gru	3.0030	13100.	83	33705	No
191	GOM_NL__2PRFIN20080810_174332_000000362071_00084_33705_5002.N1	10-AUG-2008 17:43:32	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	33705	No
192	GOM_NL__2PRFIN20080810_174515_000000352071_00084_33705_5003.N1	10-AUG-2008 17:45:15	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	33705	No
193	GOM_NL__2PRFIN20080810_175349_000000352071_00084_33705_5004.N1	10-AUG-2008 17:53:49	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	33705	No
194	GOM_NL__2PRFIN20080810_175623_000000392071_00084_33705_5005.N1	10-AUG-2008 17:56:23	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	33705	No
195	GOM_NL__2PRFIN20080810_180632_000000372071_00084_33705_5006.N1	10-AUG-2008 18:06:32	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	33705	No
196	GOM_NL__2PRFIN20080810_181933_000000372071_00084_33705_5007.N1	10-AUG-2008 18:19:33	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	33705	No
197	GOM_NL__2PRFIN20080810_182154_000000382071_00084_33705_5008.N1	10-AUG-2008 18:21:54	Bright	37.500	107	37The Aur	2.6490	11000.	75	33705	No
198	GOM_NL__2PRFIN20080810_182604_000000492071_00084_33705_5009.N1	10-AUG-2008 18:26:04	Bright	48.500	151	13Mu Gem	2.8900	3000.0	97	33705	No
199	GOM_NL__2PRFIN20080810_183056_000000422071_00084_33705_5010.N1	10-AUG-2008 18:30:56	Dark	41.500	14	58Alp Ori	0.87000	3000.0	83	33705	No
200	GOM_NL__2PRFIN20080810_183357_000000472071_00084_33705_5011.N1	10-AUG-2008 18:33:57	Dark	46.500	30	46Eps Ori	1.6940	30000.	93	33705	No
201	GOM_NL__2PRFIN20080810_183642_000000502071_00084_33705_5012.N1	10-AUG-2008 18:36:42	Dark	50.000	1	9Alp CMa	-1.4400	11000.	100	33705	No
202	GOM_NL__2PRFIN20080810_183843_000000422071_00084_33705_5013.N1	10-AUG-2008 18:38:43	Dark	41.500	101	11Alp Lep	2.5820	7000.0	83	33705	No
203	GOM_NL__2PRFIN20080810_184044_000000382071_00084_33705_5014.N1	10-AUG-2008 18:40:44	Dark	37.500	177	1Zet CMa	3.0220	26000.	75	33705	No
204	GOM_NL__2PRFIN20080810_184641_000000462071_00084_33705_5015.N1	10-AUG-2008 18:46:41	Dark	46.000	2	Alp Car	-0.73600	7000.0	92	33705	No
205	GOM_NL__2PRFIN20080810_185636_000000472071_00085_33706_5013.N1	10-AUG-2008 18:56:36	Dark	46.500	9	Alp Eri	0.45300	24000.	93	33706	No
206	GOM_NL__2PRFIN20080810_190245_000000382071_00085_33706_5014.N1	10-AUG-2008 19:02:45	Straylight	38.000	148	Alp Tuc	2.8780	4100.0	76	33706	No
207	GOM_NL__2PRFIN20080810_190616_000000292071_00085_33706_5015.N1	10-AUG-2008 19:06:16	Straylight	29.000	31	Alp Gru	1.7340	15200.	58	33706	No
208	GOM_NL__2PRFIN20080810_204652_000000442071_00086_33707_5034.N1	10-AUG-2008 20:46:52	Straylight	44.000	31	Alp Gru	1.7340	15200.	88	33707	No
209	GOM_NL__2PRFIN20080810_204954_000000422071_00086_33707_5035.N1	10-AUG-2008 20:49:54	Straylight	41.500	172	Gam Gru	3.0030	13100.	83	33707	No
210	GOM_NL__2PRFIN20080810_210444_000000372071_00086_33707_5036.N1	10-AUG-2008 21:04:44	Bright	36.500	11	53Alp Aql	0.76500	8000.0	73	33707	No
211	GOM_NL__2PRFIN20080810_210627_000000342071_00086_33707_5037.N1	10-AUG-2008 21:06:27	Bright	34.000	168	17Zet Aql	2.9860	11000.	68	33707	No
212	GOM_NL__2PRFIN20080810_211336_000000342071_00086_33707_5038.N1	10-AUG-2008 21:13:36	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	33707	No
213	GOM_NL__2PRFIN20080810_211501_000000342071_00086_33707_5039.N1	10-AUG-2008 21:15:01	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	33707	No
214	GOM_NL__2PRFIN20080810_211735_000000392071_00086_33707_5040.N1	10-AUG-2008 21:17:35	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	33707	No
215	GOM_NL__2PRFIN20080810_212744_000000362071_00086_33707_5041.N1	10-AUG-2008 21:27:44	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33707	No
216	GOM_NL__2PRFIN20080810_214045_000000492071_00086_33707_5042.N1	10-AUG-2008 21:40:45	Bright	48.500	42	34Bet Aur	1.9000	10200.	97	33707	No
217	GOM_NL__2PRFIN20080810_214307_000000372071_00086_33707_5043.N1	10-AUG-2008 21:43:07	Bright	36.500	107	37The Aur	2.6490	11000.	73	33707	No
218	GOM_NL__2PRFIN20080810_214716_000000402071_00086_33707_5044.N1	10-AUG-2008 21:47:16	Bright	40.000	151	13Mu Gem	2.8900	3000.0	80	33707	No
219	GOM_NL__2PRFIN20080810_215209_000000562071_00086_33707_5045.N1	10-AUG-2008 21:52:09	Dark	56.000	14	58Alp Ori	0.87000	3000.0	112	33707	No

220	GOM_NL__2PRFIN20080810_215510_000000462071_00086_33707_5046.N1	10-AUG-2008 21:55:10	Dark	46.000	30	46Eps Ori	1.6940	30000.	92	33707	No
221	GOM_NL__2PRFIN20080810_215754_000000482071_00086_33707_5047.N1	10-AUG-2008 21:57:54	Dark	47.500	1	9Alp CMa	-1.4400	11000.	95	33707	No
222	GOM_NL__2PRFIN20080810_215956_000000442071_00086_33707_5048.N1	10-AUG-2008 21:59:56	Dark	43.500	101	11Alp Lep	2.5820	7000.0	87	33707	No
223	GOM_NL__2PRFIN20080810_220156_000000392071_00086_33707_5049.N1	10-AUG-2008 22:01:56	Dark	39.000	177	1Zet CMa	3.0220	26000.	78	33707	No
224	GOM_NL__2PRFIN20080810_220753_000000422071_00086_33707_5050.N1	10-AUG-2008 22:07:53	Dark	42.000	2	Alp Car	-0.73600	7000.0	84	33707	No
225	GOM_NL__2PRFIN20080810_221749_000000452071_00087_33708_5047.N1	10-AUG-2008 22:17:49	Dark	44.500	9	Alp Eri	0.45300	24000.	89	33708	No
226	GOM_NL__2PRFIN20080810_222358_000000392071_00087_33708_5048.N1	10-AUG-2008 22:23:58	Straylight	39.000	148	Alp Tuc	2.8780	4100.0	78	33708	No
227	GOM_NL__2PRFIN20080810_222728_000000452071_00087_33708_5049.N1	10-AUG-2008 22:27:28	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	33708	No
228	GOM_NL__2PRFIN20080810_223030_000000422071_00087_33708_5050.N1	10-AUG-2008 22:30:30	Straylight	41.500	172	Gam Gru	3.0030	13100.	83	33708	No
229	GOM_NL__2PRFIN20080810_224520_000000362071_00087_33708_5051.N1	10-AUG-2008 22:45:20	Bright	35.500	11	53Alp Aql	0.76500	8000.0	71	33708	No
230	GOM_NL__2PRFIN20080810_224703_000000372071_00087_33708_5052.N1	10-AUG-2008 22:47:03	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	33708	No
231	GOM_NL__2PRFIN20080810_225412_000000342071_00087_33708_5053.N1	10-AUG-2008 22:54:12	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	33708	No
232	GOM_NL__2PRFIN20080810_225537_000000352071_00087_33708_5054.N1	10-AUG-2008 22:55:37	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	33708	No
233	GOM_NL__2PRFIN20080810_225811_000000392071_00087_33708_5055.N1	10-AUG-2008 22:58:11	Bright	39.000	69	33Gam Dra	2.2310	3800.0	78	33708	No
234	GOM_NL__2PRFIN20080810_230820_000000362071_00087_33708_5056.N1	10-AUG-2008 23:08:20	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33708	No
235	GOM_NL__2PRFIN20080810_232121_000000462071_00087_33708_5057.N1	10-AUG-2008 23:21:21	Bright	45.500	42	34Bet Aur	1.9000	10200.	91	33708	No
236	GOM_NL__2PRFIN20080810_232342_000000372071_00087_33708_5058.N1	10-AUG-2008 23:23:42	Bright	36.500	107	37The Aur	2.6490	11000.	73	33708	No
237	GOM_NL__2PRFIN20080810_232752_000000502071_00087_33708_5059.N1	10-AUG-2008 23:27:52	Bright	50.000	151	13Mu Gem	2.8900	3000.0	100	33708	No
238	GOM_NL__2PRFIN20080810_233245_000000562071_00087_33708_5060.N1	10-AUG-2008 23:32:45	Dark	55.500	14	58Alp Ori	0.87000	3000.0	111	33708	No
239	GOM_NL__2PRFIN20080810_233546_000000472071_00087_33708_5061.N1	10-AUG-2008 23:35:46	Dark	46.500	30	46Eps Ori	1.6940	30000.	93	33708	No
240	GOM_NL__2PRFIN20080810_233830_000000402071_00087_33708_5062.N1	10-AUG-2008 23:38:30	Dark	39.500	1	9Alp CMa	-1.4400	11000.	79	33708	No
241	GOM_NL__2PRFIN20080810_234033_000000442071_00087_33708_5063.N1	10-AUG-2008 23:40:33	Dark	44.000	101	11Alp Lep	2.5820	7000.0	88	33708	No
242	GOM_NL__2PRFIN20080810_234829_000000432071_00087_33708_5064.N1	10-AUG-2008 23:48:29	Dark	42.500	2	Alp Car	-0.73600	7000.0	85	33708	No
243	GOM_NL__2PRFIN20080810_235825_000000492071_00088_33709_5062.N1	10-AUG-2008 23:58:25	Dark	49.000	9	Alp Eri	0.45300	24000.	98	33709	No

3. Quality information per product

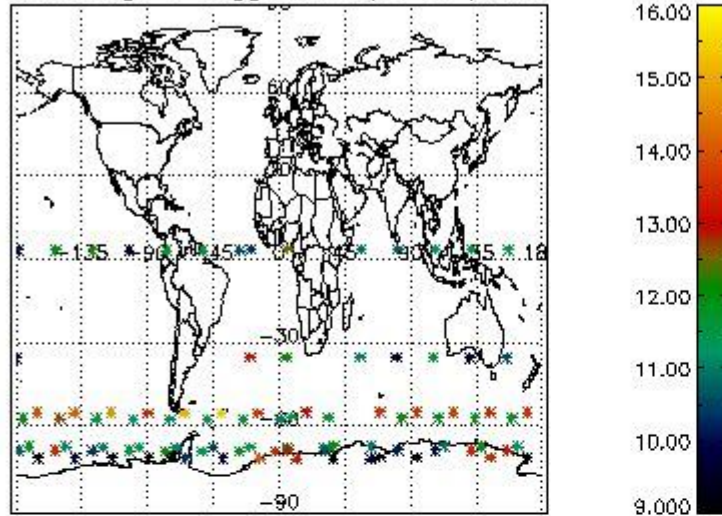
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

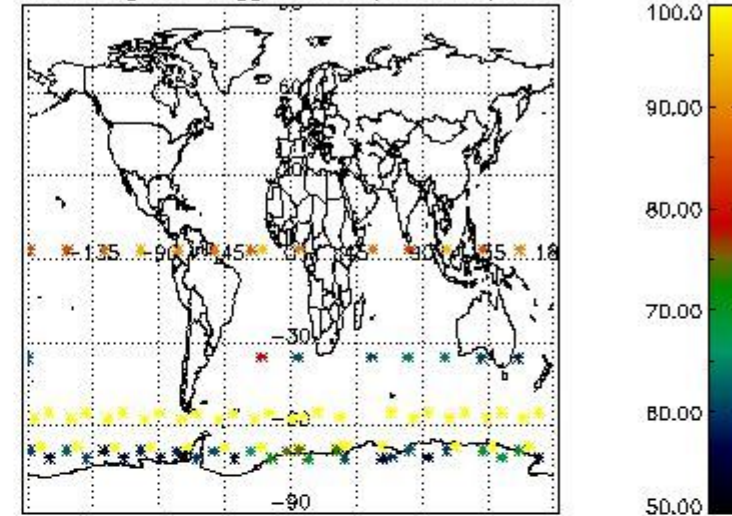


3.2 Plot quality information per product (world map)

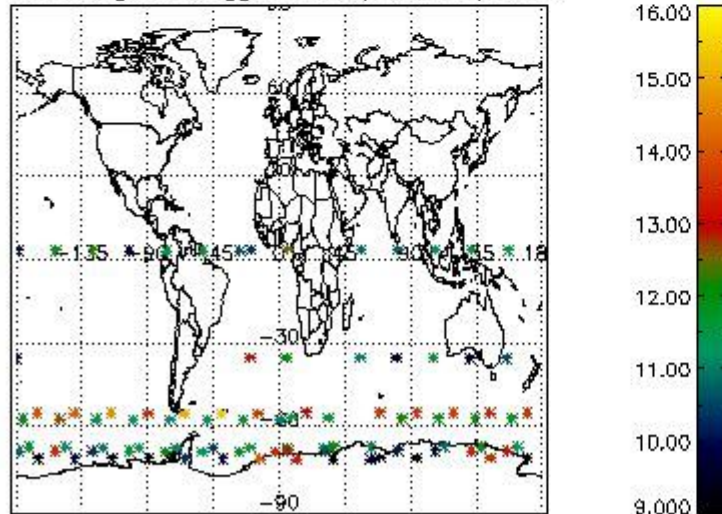
Percentage of flagged data per O3 profile



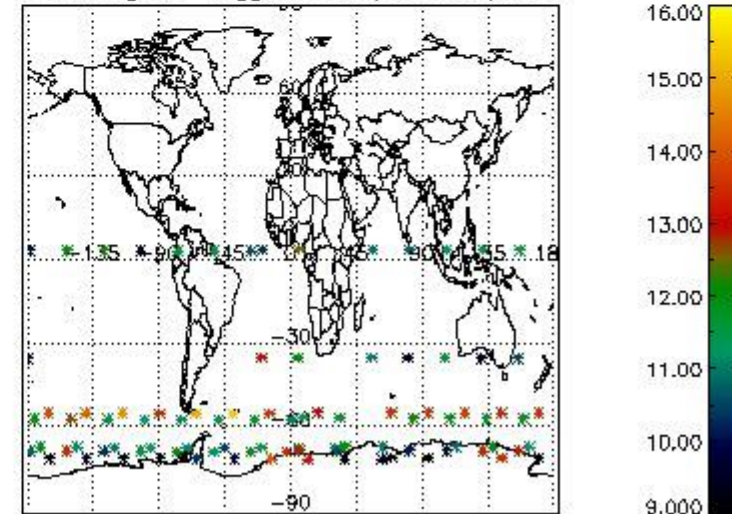
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

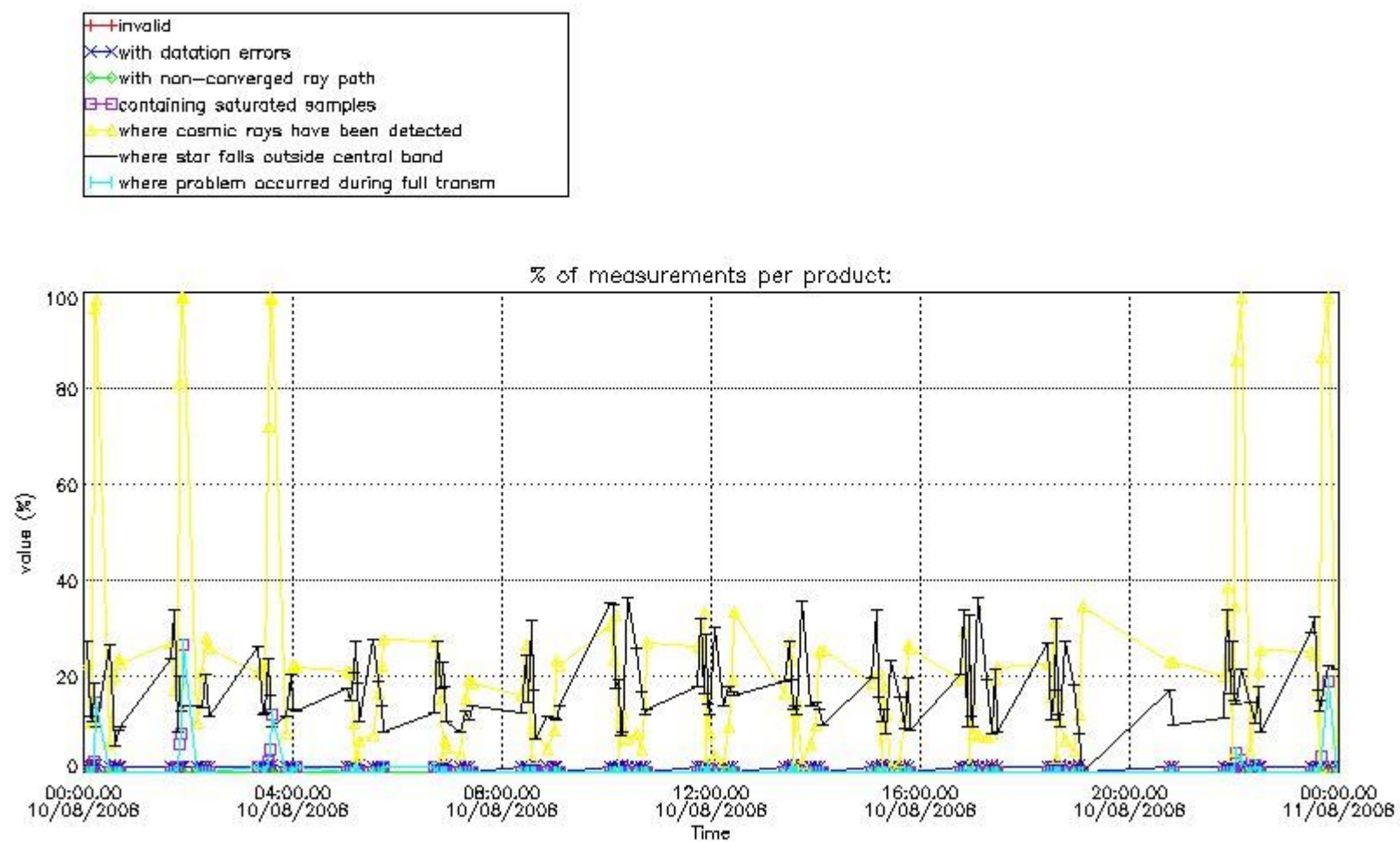


4. Level 1 quality information per product

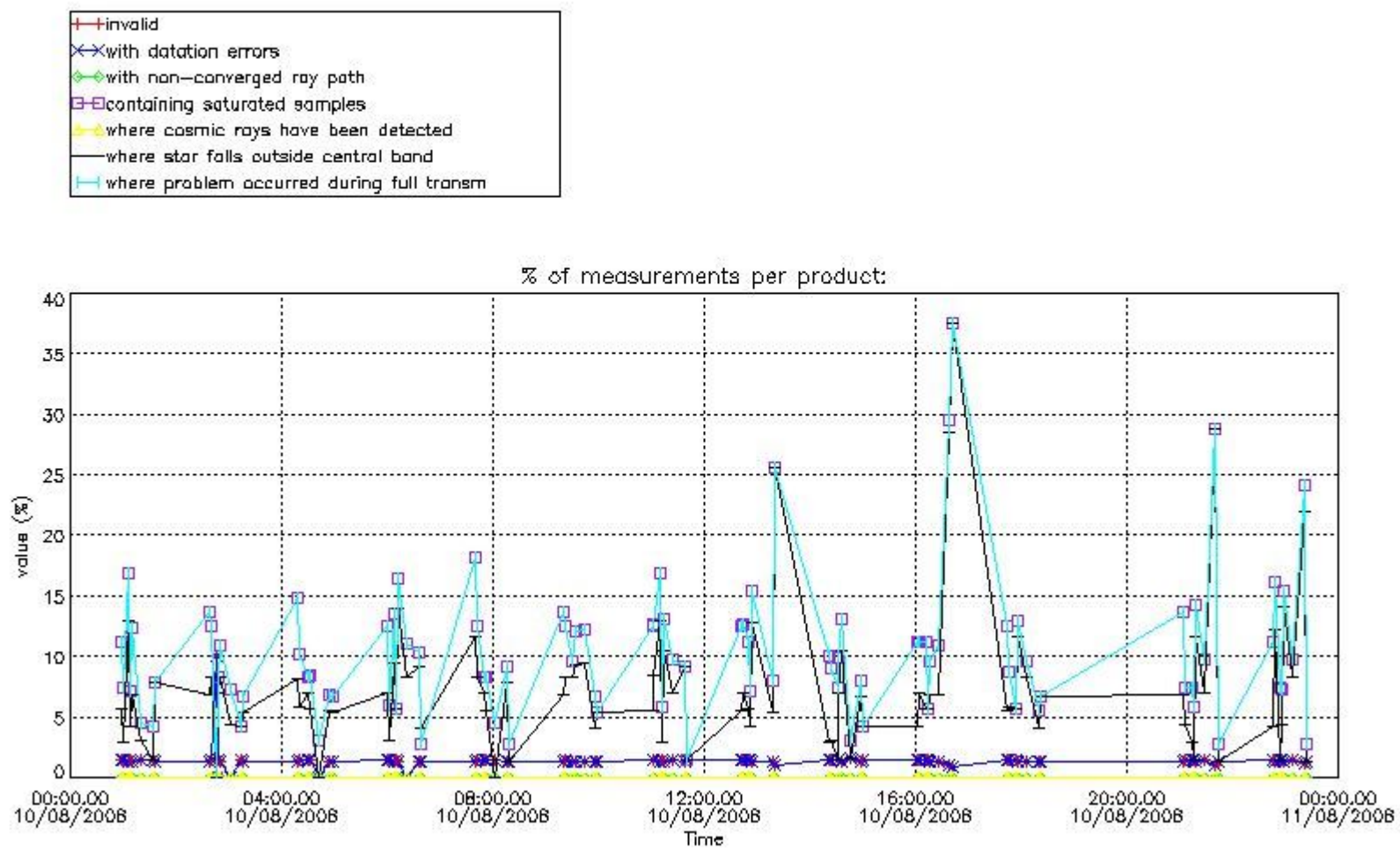
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



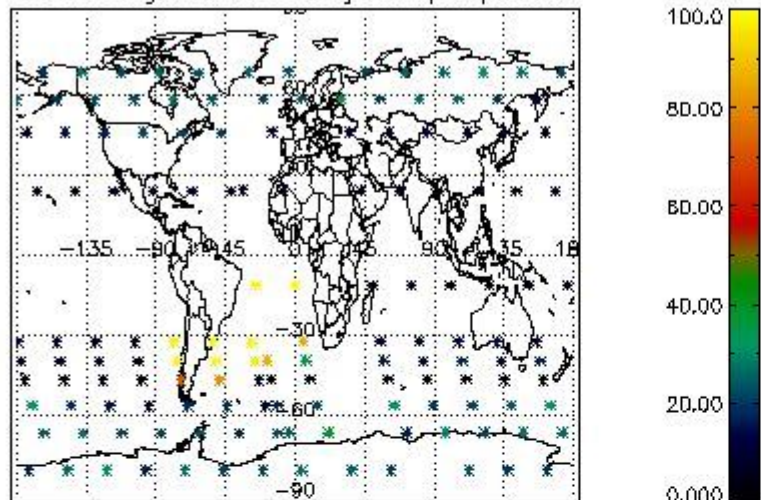
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



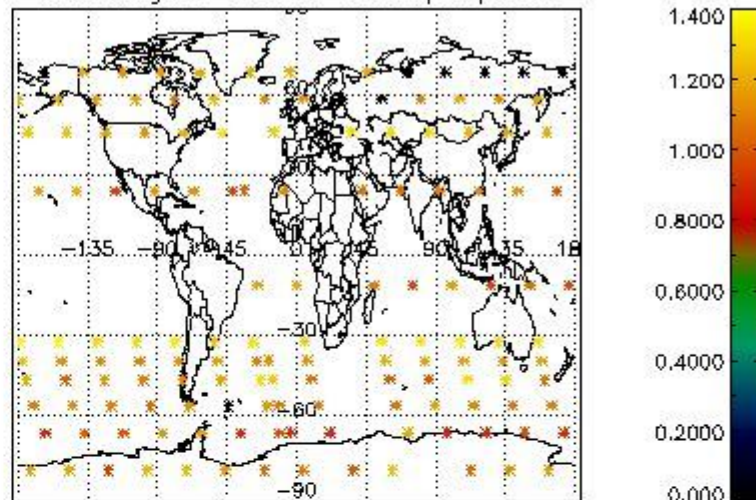
4.2 Plot quality information per product coming from level 1b processing (world map)

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

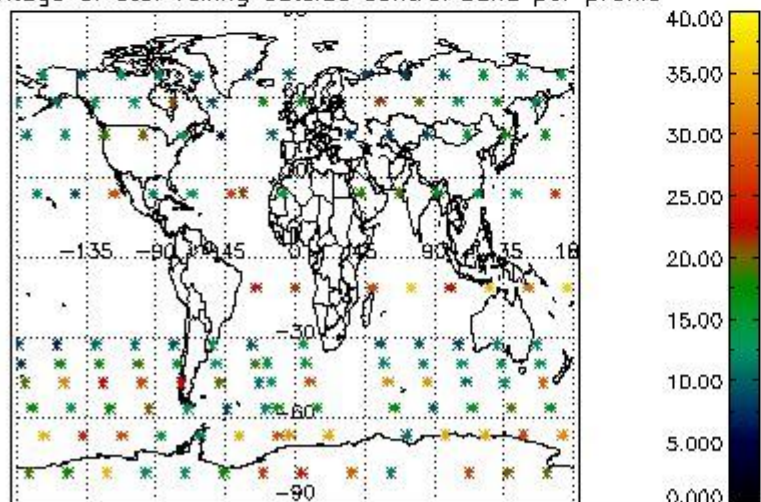
Percentage of cosmic ray hits per profile



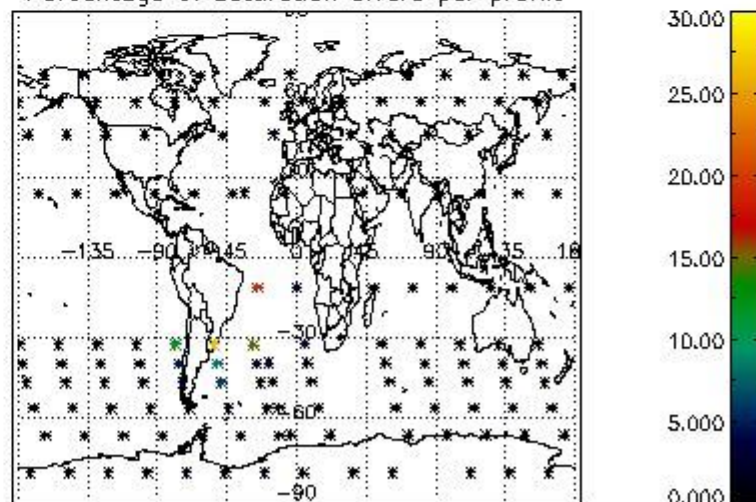
Percentage of datation errors per profile



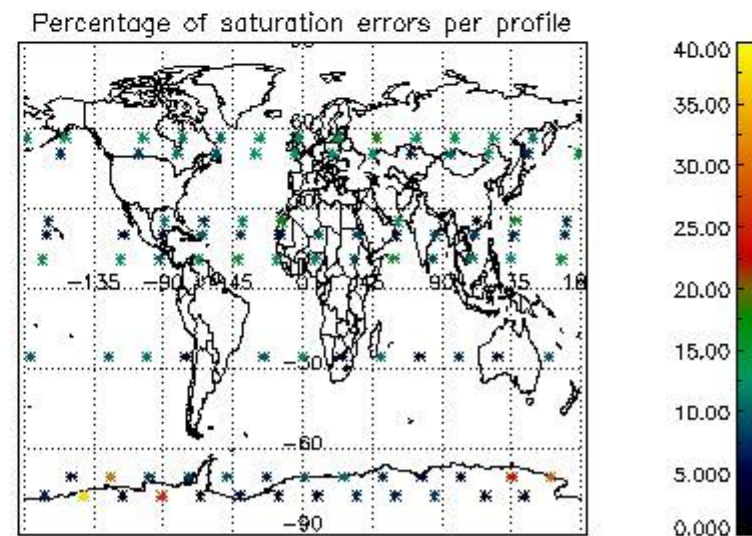
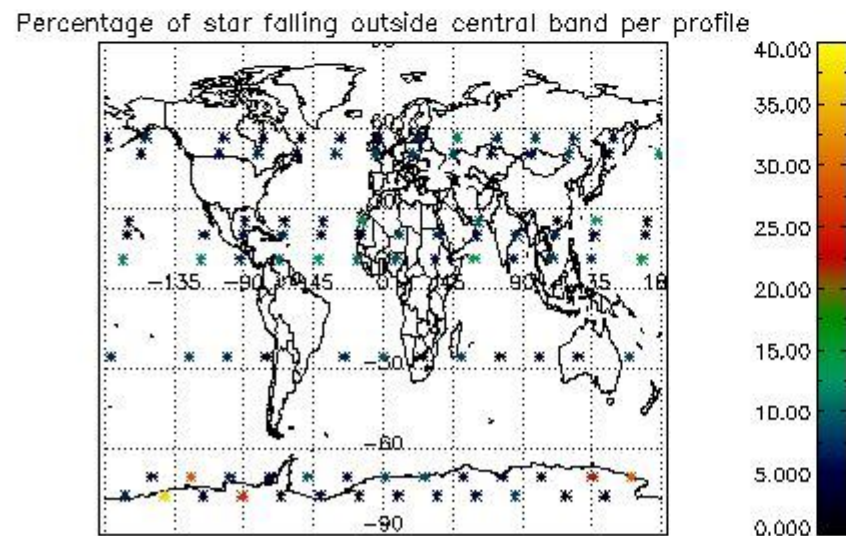
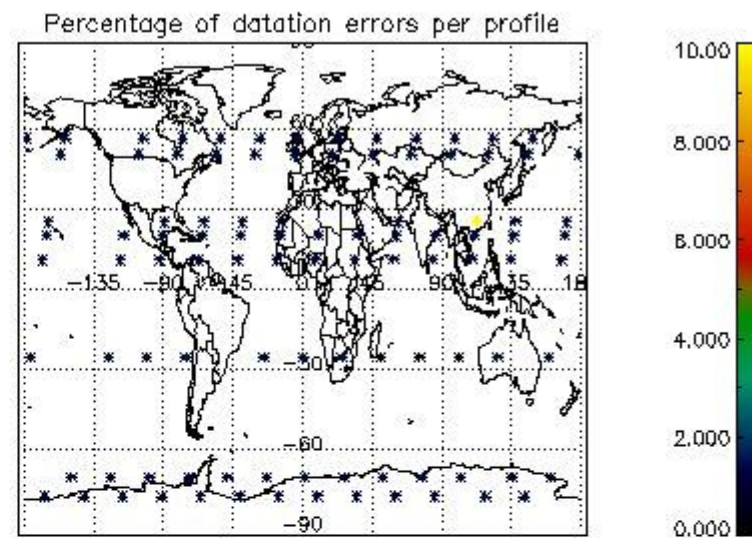
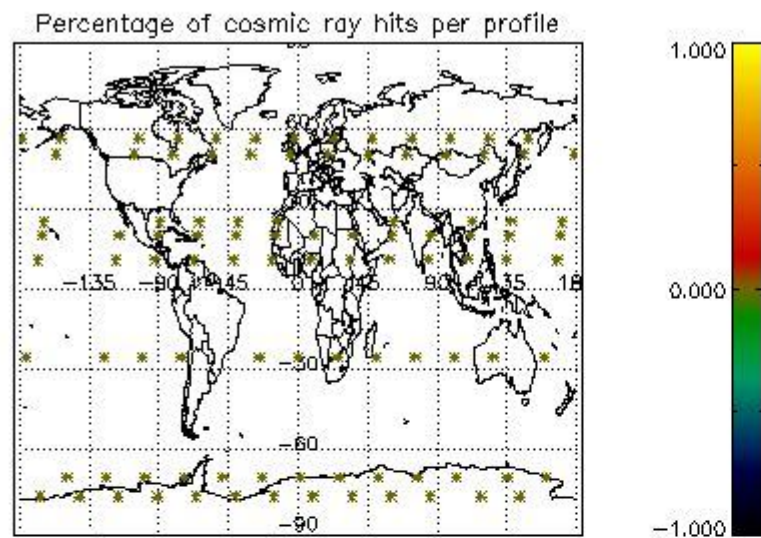
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/o3_std of the level 2 products. The table below shows the statistics for given STD ranges.

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

- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

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

- Products in dark limb illumination condition: GOM_NL__2P/NL_SUMMARY_QUALITY/obs_ill_cond=0
- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

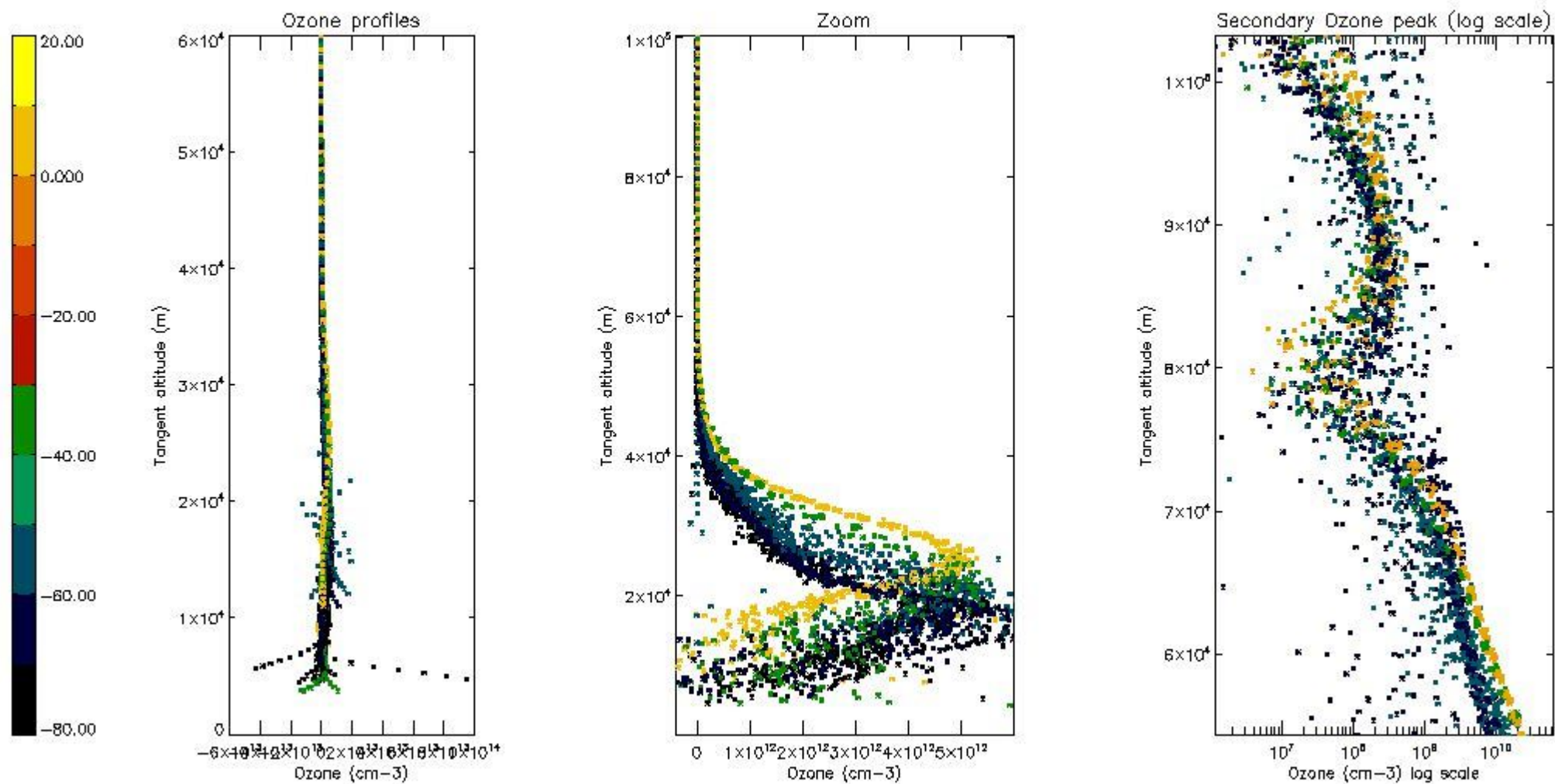
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	42
STD < 20	24

STD < 10	19
STD < 5	15

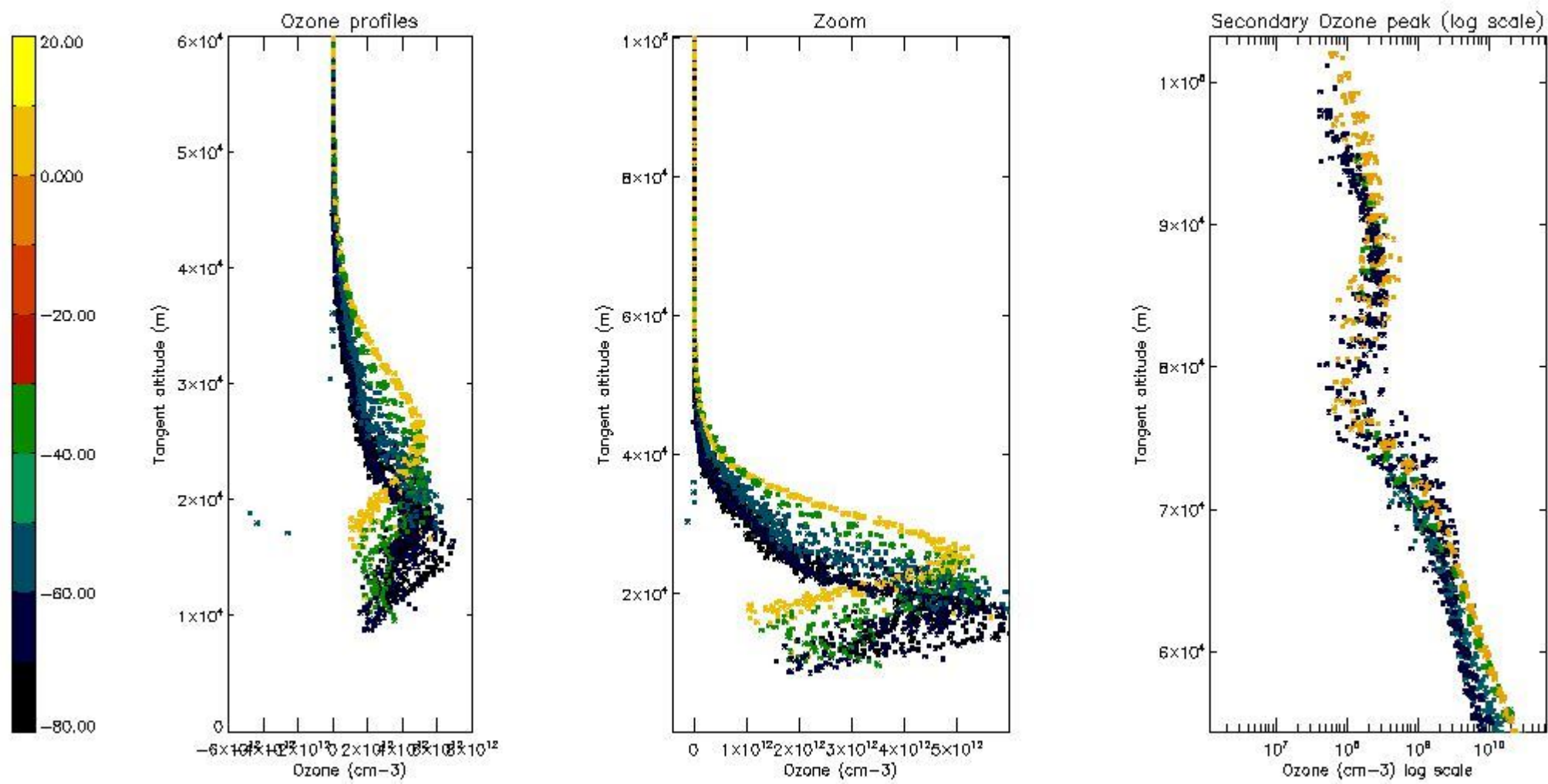
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



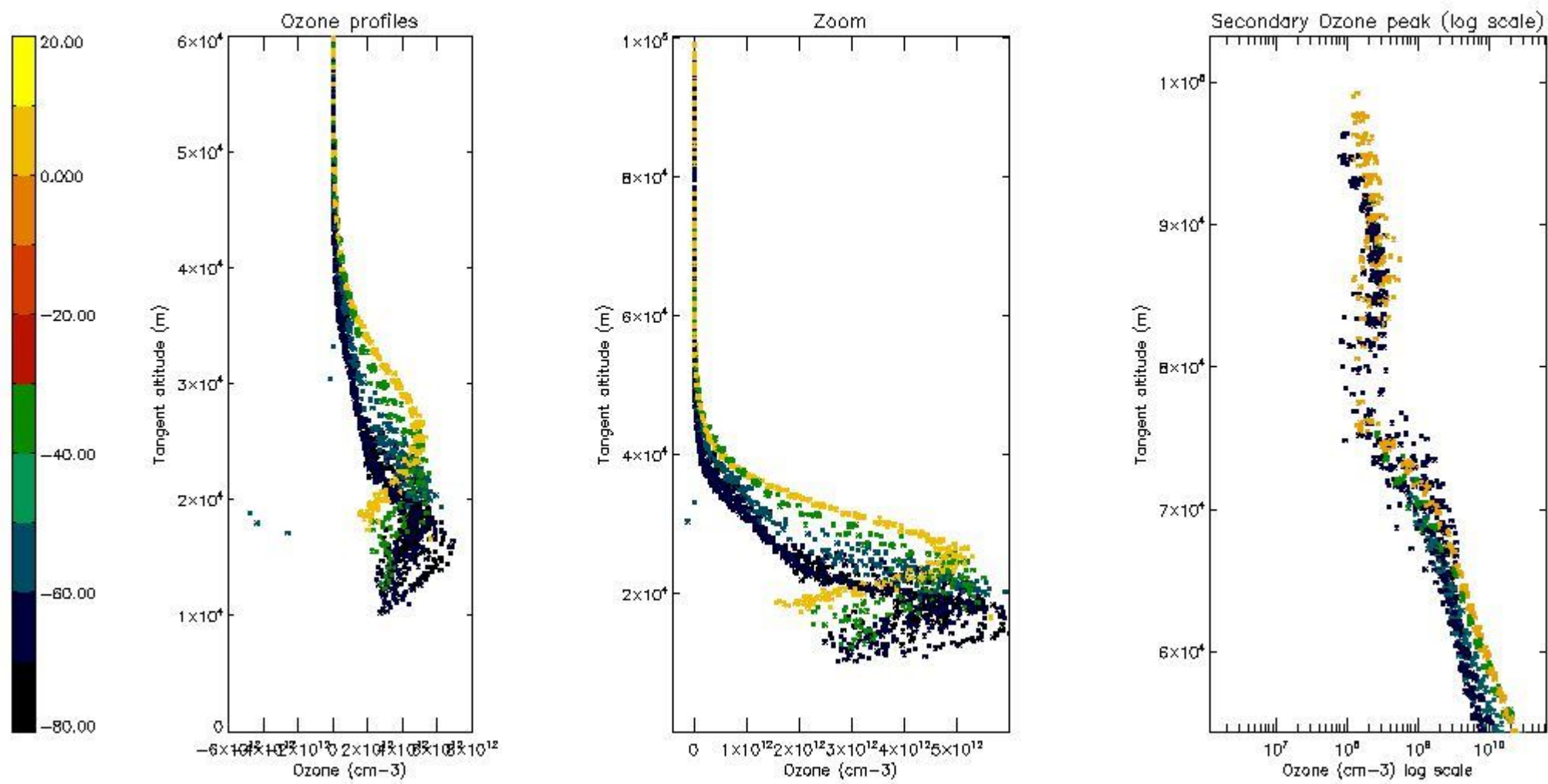
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



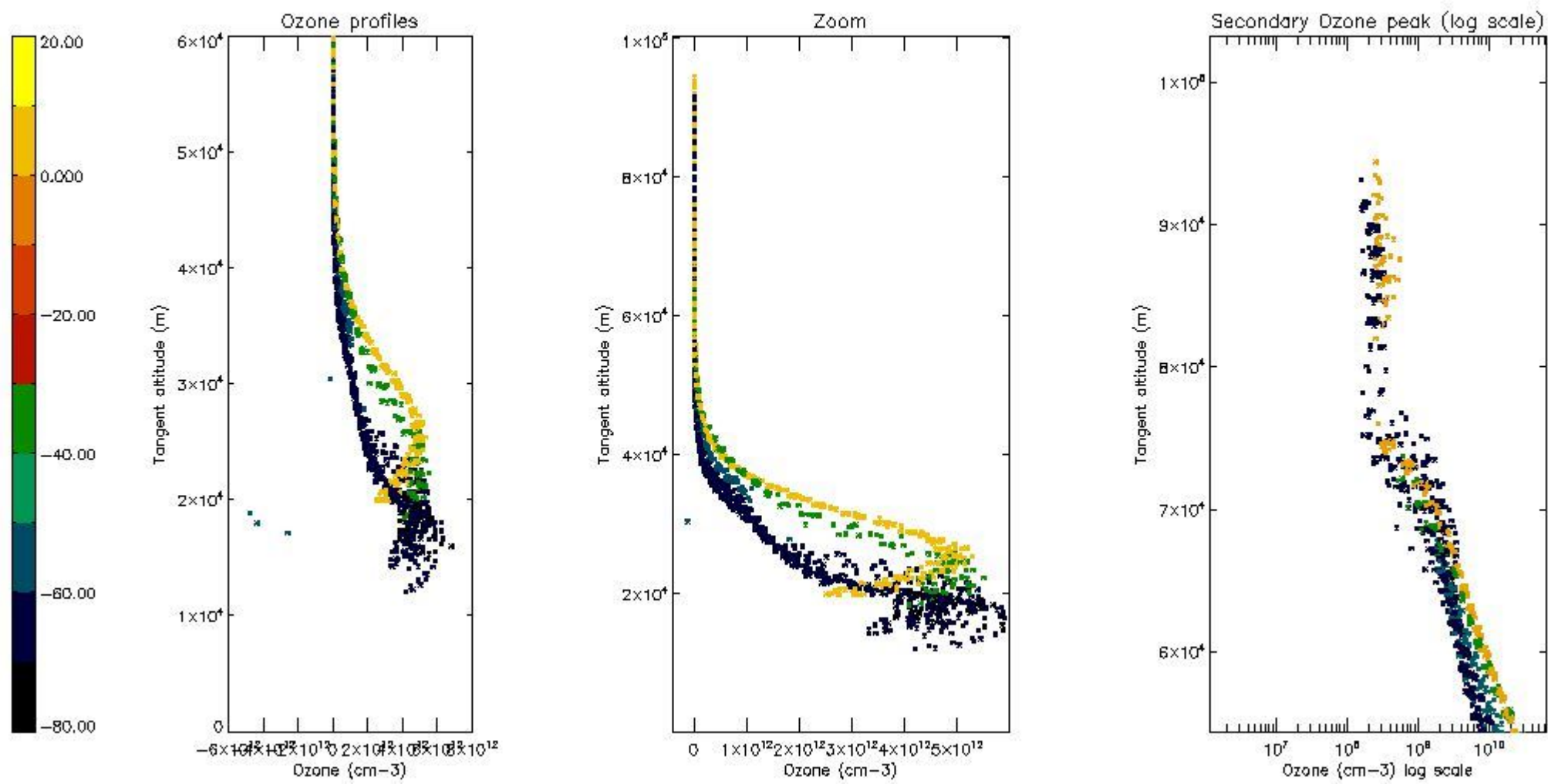
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



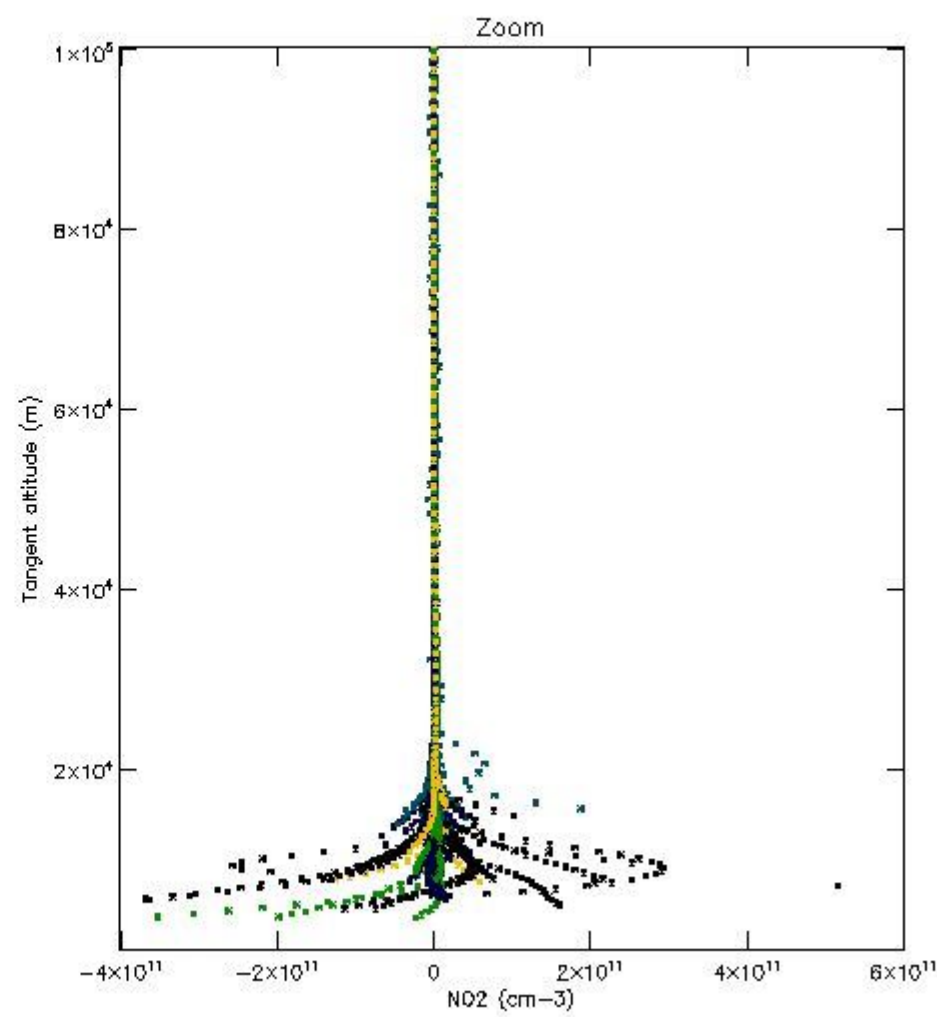
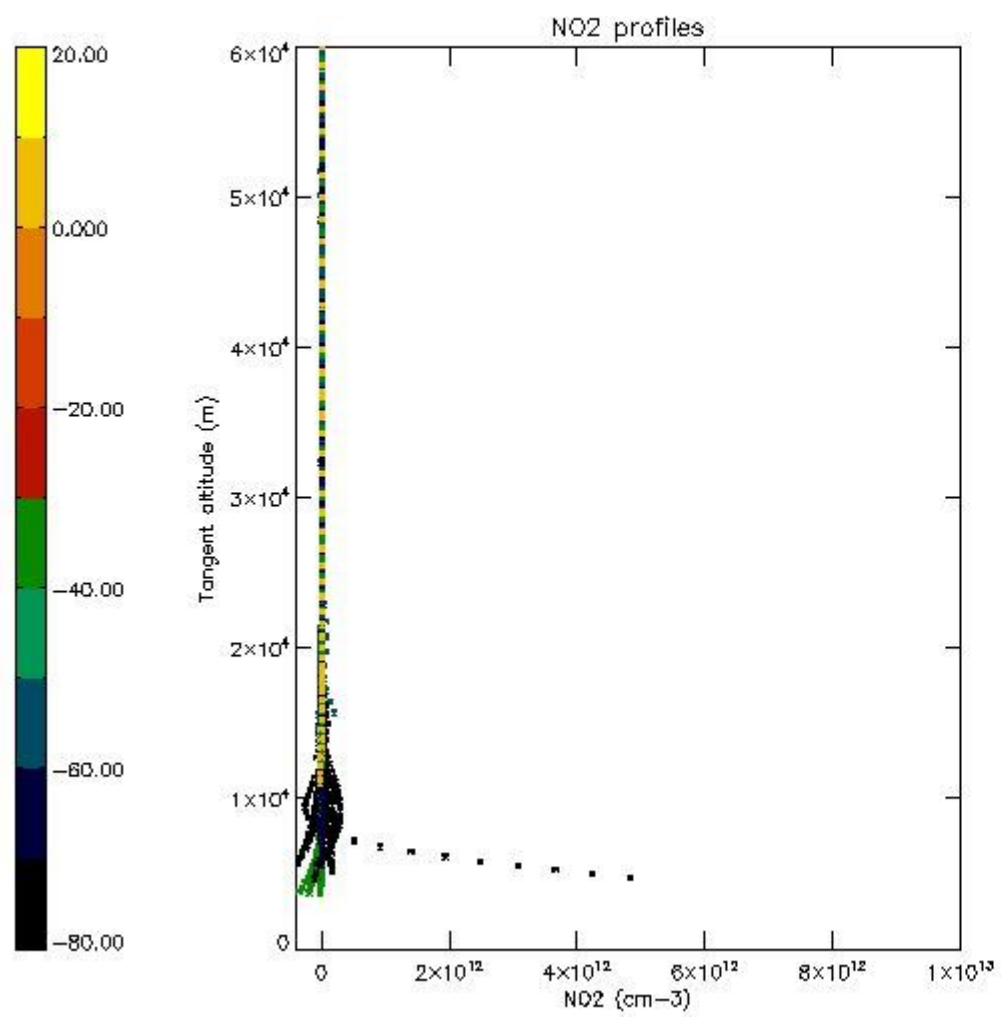
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



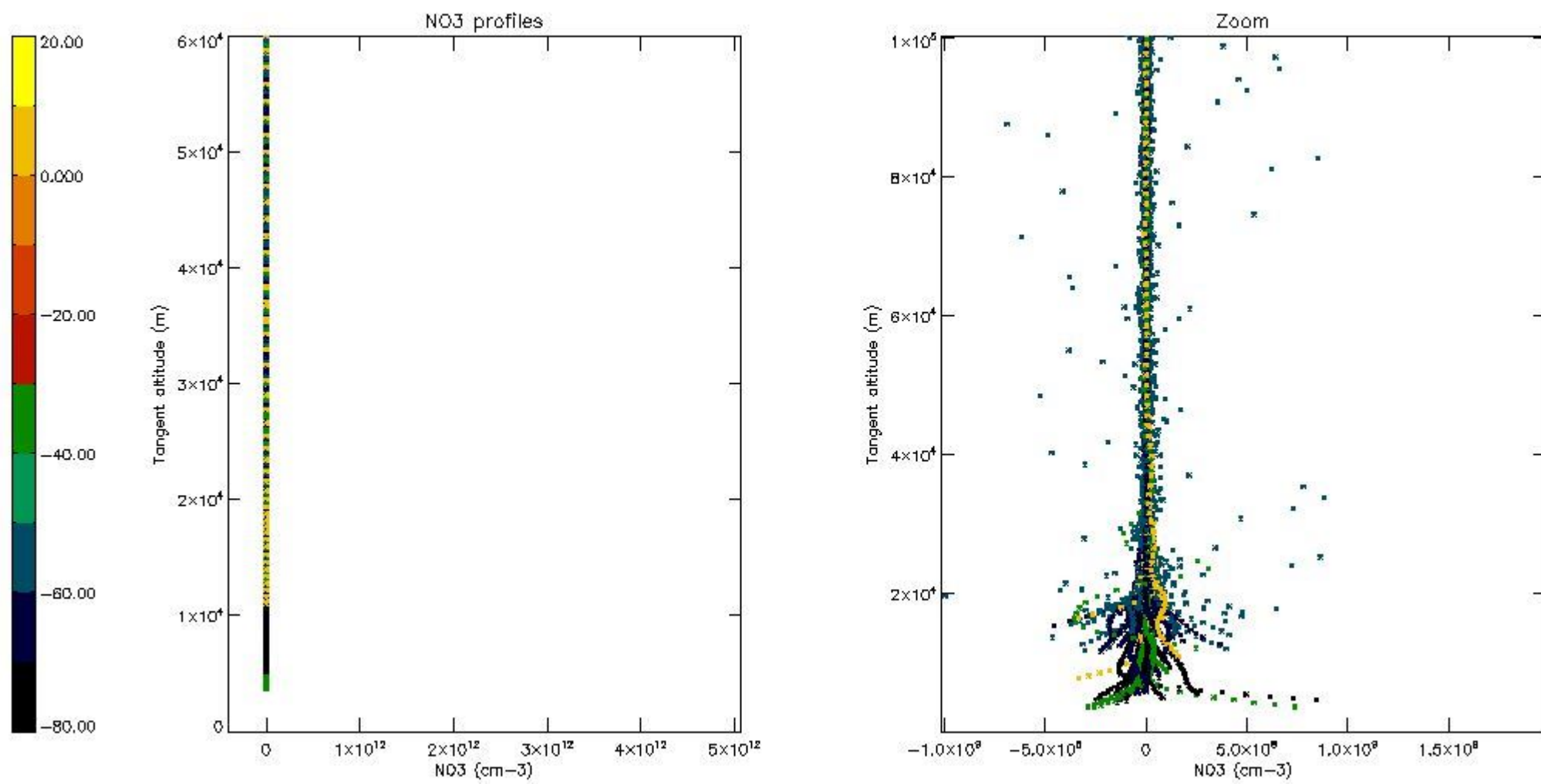
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



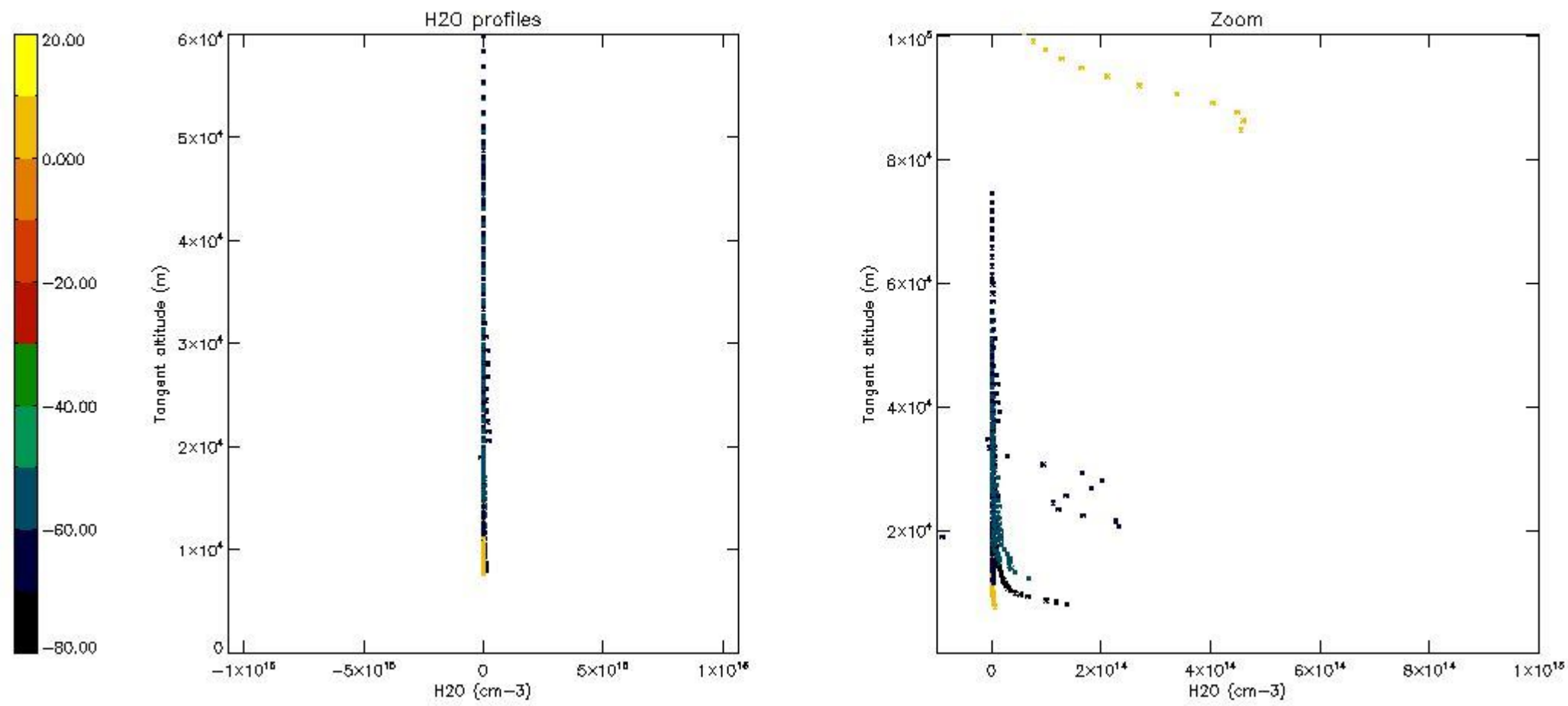
5.7 Plot NO3 profiles for all STD (dark without errors)

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	10-AUG-2008 00:04:17
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	10-AUG-2008 00:04:17
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	10-AUG-2008 00:04:17

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 \(time dependant\)](#)

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[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	25APR2013 18:38:49
Data source version	GOMOS/6.01
Start time of products	10-08-2008 (10AUG2008 00:00:00)
Stop time of products	11-08-2008 (11AUG2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	243
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__2PRFIN20080810_000417_000000512071_00073_33694_4843.N1	10-AUG-2008 00:04:17	Dark	51.000	14	58Alp Ori	0.87000	3000.0	102	33694	No
2	GOM_NL__2PRFIN20080810_000716_000000442071_00073_33694_4844.N1	10-AUG-2008 00:07:16	Dark	43.500	30	46Eps Ori	1.6940	30000.	87	33694	No
3	GOM_NL__2PRFIN20080810_001004_000000382071_00073_33694_4845.N1	10-AUG-2008 00:10:04	Dark	38.000	1	9Alp CMa	-1.4400	11000.	76	33694	No
4	GOM_NL__2PRFIN20080810_001202_000000462071_00073_33694_4846.N1	10-AUG-2008 00:12:02	Dark	46.000	101	11Alp Lep	2.5820	7000.0	92	33694	No
5	GOM_NL__2PRFIN20080810_001405_000000382071_00073_33694_4847.N1	10-AUG-2008 00:14:05	Dark	37.500	177	1Zet CMa	3.0220	26000.	75	33694	No
6	GOM_NL__2PRFIN20080810_002953_000000532071_00074_33695_4842.N1	10-AUG-2008 00:29:53	Dark	52.500	9	Alp Eri	0.45300	24000.	105	33695	No
7	GOM_NL__2PRFIN20080810_003605_000000382071_00074_33695_4843.N1	10-AUG-2008 00:36:05	Straylight	37.500	148	Alp Tuc	2.8780	4100.0	75	33695	No
8	GOM_NL__2PRFIN20080810_003936_000000412071_00074_33695_4844.N1	10-AUG-2008 00:39:36	Straylight	40.500	31	Alp Gru	1.7340	15200.	81	33695	No
9	GOM_NL__2PRFIN20080810_004238_000000422071_00074_33695_4845.N1	10-AUG-2008 00:42:38	Straylight	42.000	172	Gam Gru	3.0030	13100.	84	33695	No
10	GOM_NL__2PRFIN20080810_005732_000000362071_00074_33695_4846.N1	10-AUG-2008 00:57:32	Bright	35.500	11	53Alp Aql	0.76500	8000.0	71	33695	No
11	GOM_NL__2PRFIN20080810_005914_000000342071_00074_33695_4847.N1	10-AUG-2008 00:59:14	Bright	34.000	168	17Zet Aql	2.9860	11000.	68	33695	No
12	GOM_NL__2PRFIN20080810_010622_000000392071_00074_33695_4848.N1	10-AUG-2008 01:06:22	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	33695	No
13	GOM_NL__2PRFIN20080810_010751_000000352071_00074_33695_4849.N1	10-AUG-2008 01:07:51	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	33695	No
14	GOM_NL__2PRFIN20080810_011020_000000372071_00074_33695_4850.N1	10-AUG-2008 01:10:20	Bright	36.500	69	33Gam Dra	2.2310	3800.0	73	33695	No
15	GOM_NL__2PRFIN20080810_012033_000000342071_00074_33695_4851.N1	10-AUG-2008 01:20:33	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	33695	No
16	GOM_NL__2PRFIN20080810_013333_000000362071_00074_33695_4852.N1	10-AUG-2008 01:33:33	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	33695	No
17	GOM_NL__2PRFIN20080810_013554_000000382071_00074_33695_4853.N1	10-AUG-2008 01:35:54	Bright	38.000	107	37The Aur	2.6490	11000.	76	33695	No
18	GOM_NL__2PRFIN20080810_014003_000000472071_00074_33695_4854.N1	10-AUG-2008 01:40:03	Bright	46.500	151	13Mu Gem	2.8900	3000.0	93	33695	No
19	GOM_NL__2PRFIN20080810_014453_000000562071_00074_33695_4855.N1	10-AUG-2008 01:44:53	Dark	56.000	14	58Alp Ori	0.87000	3000.0	112	33695	No
20	GOM_NL__2PRFIN20080810_014753_000000422071_00074_33695_4856.N1	10-AUG-2008 01:47:53	Dark	41.500	30	46Eps Ori	1.6940	30000.	83	33695	No
21	GOM_NL__2PRFIN20080810_015040_000000432071_00074_33695_4857.N1	10-AUG-2008 01:50:40	Dark	42.500	1	9Alp CMa	-1.4400	11000.	85	33695	No
22	GOM_NL__2PRFIN20080810_015238_000000432071_00074_33695_4858.N1	10-AUG-2008 01:52:38	Dark	43.000	101	11Alp Lep	2.5820	7000.0	86	33695	No
23	GOM_NL__2PRFIN20080810_015441_000000402071_00074_33695_4859.N1	10-AUG-2008 01:54:41	Dark	39.500	177	1Zet CMa	3.0220	26000.	79	33695	No
24	GOM_NL__2PRFIN20080810_021029_000000442071_00075_33696_4865.N1	10-AUG-2008 02:10:29	Dark	44.000	9	Alp Eri	0.45300	24000.	88	33696	No
25	GOM_NL__2PRFIN20080810_021642_000000412071_00075_33696_4866.N1	10-AUG-2008 02:16:42	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	33696	No
26	GOM_NL__2PRFIN20080810_022012_000000472071_00075_33696_4867.N1	10-AUG-2008 02:20:12	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	33696	No
27	GOM_NL__2PRFIN20080810_022314_000000432071_00075_33696_4868.N1	10-AUG-2008 02:23:14	Straylight	42.500	172	Gam Gru	3.0030	13100.	85	33696	No
28	GOM_NL__2PRFIN20080810_023808_000000372071_00075_33696_4869.N1	10-AUG-2008 02:38:08	Bright	36.500	11	53Alp Aql	0.76500	8000.0	73	33696	No
29	GOM_NL__2PRFIN20080810_023950_000000362071_00075_33696_4870.N1	10-AUG-2008 02:39:50	Bright	36.000	168	17Zet Aql	2.9860	11000.	72	33696	No
30	GOM_NL__2PRFIN20080810_024658_000000052071_00075_33696_4871.N1	10-AUG-2008 02:46:58	Straylight	5.0000	5	3Alp Lyr	0.033000	11000.	10	33696	No
31	GOM_NL__2PRFIN20080810_024826_000000362071_00075_33696_4872.N1	10-AUG-2008 02:48:26	Bright	36.000	144	18Del Cyg	2.8600	11000.	72	33696	No
32	GOM_NL__2PRFIN20080810_025056_000000372071_00075_33696_4873.N1	10-AUG-2008 02:50:56	Bright	36.500	69	33Gam Dra	2.2310	3800.0	73	33696	No
33	GOM_NL__2PRFIN20080810_030109_000000352071_00075_33696_4874.N1	10-AUG-2008 03:01:09	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	33696	No
34	GOM_NL__2PRFIN20080810_031409_000000362071_00075_33696_4875.N1	10-AUG-2008 03:14:09	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	33696	No
35	GOM_NL__2PRFIN20080810_031630_000000382071_00075_33696_4876.N1	10-AUG-2008 03:16:30	Bright	37.500	107	37The Aur	2.6490	11000.	75	33696	No
36	GOM_NL__2PRFIN20080810_032039_000000482071_00075_33696_4877.N1	10-AUG-2008 03:20:39	Bright	48.000	151	13Mu Gem	2.8900	3000.0	96	33696	No
37	GOM_NL__2PRFIN20080810_032530_000000422071_00075_33696_4878.N1	10-AUG-2008 03:25:30	Dark	42.000	14	58Alp Ori	0.87000	3000.0	84	33696	No
38	GOM_NL__2PRFIN20080810_032829_000000442071_00075_33696_4879.N1	10-AUG-2008 03:28:29	Dark	44.000	30	46Eps Ori	1.6940	30000.	88	33696	No
39	GOM_NL__2PRFIN20080810_033116_000000452071_00075_33696_4880.N1	10-AUG-2008 03:31:16	Dark	44.500	1	9Alp CMa	-1.4400	11000.	89	33696	No
40	GOM_NL__2PRFIN20080810_033315_000000442071_00075_33696_4881.N1	10-AUG-2008 03:33:15	Dark	44.000	101	11Alp Lep	2.5820	7000.0	88	33696	No
41	GOM_NL__2PRFIN20080810_033517_000000372071_00075_33696_4882.N1	10-AUG-2008 03:35:17	Dark	37.000	177	1Zet CMa	3.0220	26000.	74	33696	No
42	GOM_NL__2PRFIN20080810_035106_000000442071_00076_33697_4875.N1	10-AUG-2008 03:51:06	Dark	43.500	9	Alp Eri	0.45300	24000.	87	33697	No

43	GOM_NL__2PRFIN20080810_035718_000000442071_00076_33697_4876.N1	10-AUG-2008 03:57:18	Straylight	44.000	148	Alp Tuc	2.8780	4100.0	88	33697	No
44	GOM_NL__2PRFIN20080810_040048_000000432071_00076_33697_4877.N1	10-AUG-2008 04:00:48	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	33697	No
45	GOM_NL__2PRFIN20080810_040351_000000442071_00076_33697_4878.N1	10-AUG-2008 04:03:51	Straylight	43.500	172	Gam Gru	3.0030	13100.	87	33697	No
46	GOM_NL__2PRFIN20080810_041844_000000372071_00076_33697_4879.N1	10-AUG-2008 04:18:44	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	33697	No
47	GOM_NL__2PRFIN20080810_042026_000000352071_00076_33697_4880.N1	10-AUG-2008 04:20:26	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	33697	No
48	GOM_NL__2PRFIN20080810_042902_000000362071_00076_33697_4881.N1	10-AUG-2008 04:29:02	Bright	36.000	144	18Del Cyg	2.8600	11000.	72	33697	No
49	GOM_NL__2PRFIN20080810_043133_000000362071_00076_33697_4882.N1	10-AUG-2008 04:31:33	Bright	35.500	69	33Gam Dra	2.2310	3800.0	71	33697	No
50	GOM_NL__2PRFIN20080810_044145_000000332071_00076_33697_4883.N1	10-AUG-2008 04:41:45	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	33697	No
51	GOM_NL__2PRFIN20080810_045445_000000372071_00076_33697_4884.N1	10-AUG-2008 04:54:45	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	33697	No
52	GOM_NL__2PRFIN20080810_045706_000000382071_00076_33697_4885.N1	10-AUG-2008 04:57:06	Bright	37.500	107	37The Aur	2.6490	11000.	75	33697	No
53	GOM_NL__2PRFIN20080810_050115_000000432071_00076_33697_4886.N1	10-AUG-2008 05:01:15	Bright	43.000	151	13Mu Gem	2.8900	3000.0	86	33697	No
54	GOM_NL__2PRFIN20080810_050606_000000442071_00076_33697_4887.N1	10-AUG-2008 05:06:06	Dark	43.500	14	58Alp Ori	0.87000	3000.0	87	33697	No
55	GOM_NL__2PRFIN20080810_050906_000000492071_00076_33697_4888.N1	10-AUG-2008 05:09:06	Dark	48.500	30	46Eps Ori	1.6940	30000.	97	33697	No
56	GOM_NL__2PRFIN20080810_051152_000000462071_00076_33697_4889.N1	10-AUG-2008 05:11:52	Dark	46.000	1	9Alp CMa	-1.4400	11000.	92	33697	No
57	GOM_NL__2PRFIN20080810_051351_000000462071_00076_33697_4890.N1	10-AUG-2008 05:13:51	Dark	45.500	101	11Alp Lep	2.5820	7000.0	91	33697	No
58	GOM_NL__2PRFIN20080810_051554_000000382071_00076_33697_4891.N1	10-AUG-2008 05:15:54	Dark	38.000	177	1Zet CMa	3.0220	26000.	76	33697	No
59	GOM_NL__2PRFIN20080810_053142_000000532071_00077_33698_4893.N1	10-AUG-2008 05:31:42	Dark	52.500	9	Alp Eri	0.45300	24000.	105	33698	No
60	GOM_NL__2PRFIN20080810_053755_000000432071_00077_33698_4894.N1	10-AUG-2008 05:37:55	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	33698	No
61	GOM_NL__2PRFIN20080810_054125_000000432071_00077_33698_4895.N1	10-AUG-2008 05:41:25	Straylight	43.000	31	Alp Gru	1.7340	15200.	86	33698	No
62	GOM_NL__2PRFIN20080810_054427_000000422071_00077_33698_4896.N1	10-AUG-2008 05:44:27	Straylight	41.500	172	Gam Gru	3.0030	13100.	83	33698	No
63	GOM_NL__2PRFIN20080810_055920_000000362071_00077_33698_4897.N1	10-AUG-2008 05:59:20	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	33698	No
64	GOM_NL__2PRFIN20080810_060102_000000342071_00077_33698_4898.N1	10-AUG-2008 06:01:02	Bright	33.500	168	17Zet Aql	2.9860	11000.	67	33698	No
65	GOM_NL__2PRFIN20080810_060811_000000372071_00077_33698_4899.N1	10-AUG-2008 06:08:11	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	33698	No
66	GOM_NL__2PRFIN20080810_060938_000000352071_00077_33698_4900.N1	10-AUG-2008 06:09:38	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	33698	No
67	GOM_NL__2PRFIN20080810_061209_000000402071_00077_33698_4901.N1	10-AUG-2008 06:12:09	Bright	39.500	69	33Gam Dra	2.2310	3800.0	79	33698	No
68	GOM_NL__2PRFIN20080810_062221_000000362071_00077_33698_4902.N1	10-AUG-2008 06:22:21	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33698	No
69	GOM_NL__2PRFIN20080810_063521_000000392071_00077_33698_4903.N1	10-AUG-2008 06:35:21	Bright	38.500	42	34Bet Aur	1.9000	10200.	77	33698	No
70	GOM_NL__2PRFIN20080810_063742_000000372071_00077_33698_4904.N1	10-AUG-2008 06:37:42	Bright	36.500	107	37The Aur	2.6490	11000.	73	33698	No
71	GOM_NL__2PRFIN20080810_064151_000000412071_00077_33698_4905.N1	10-AUG-2008 06:41:51	Bright	40.500	151	13Mu Gem	2.8900	3000.0	81	33698	No
72	GOM_NL__2PRFIN20080810_064642_000000512071_00077_33698_4906.N1	10-AUG-2008 06:46:42	Dark	51.000	14	58Alp Ori	0.87000	3000.0	102	33698	No
73	GOM_NL__2PRFIN20080810_064942_000000462071_00077_33698_4907.N1	10-AUG-2008 06:49:42	Dark	45.500	30	46Eps Ori	1.6940	30000.	91	33698	No
74	GOM_NL__2PRFIN20080810_065229_000000442071_00077_33698_4908.N1	10-AUG-2008 06:52:29	Dark	43.500	1	9Alp CMa	-1.4400	11000.	87	33698	No
75	GOM_NL__2PRFIN20080810_065428_000000452071_00077_33698_4909.N1	10-AUG-2008 06:54:28	Dark	45.000	101	11Alp Lep	2.5820	7000.0	90	33698	No
76	GOM_NL__2PRFIN20080810_065630_000000382071_00077_33698_4910.N1	10-AUG-2008 06:56:30	Dark	38.000	177	1Zet CMa	3.0220	26000.	76	33698	No
77	GOM_NL__2PRFIN20080810_071219_000000422071_00078_33699_4905.N1	10-AUG-2008 07:12:19	Dark	41.500	9	Alp Eri	0.45300	24000.	83	33699	No
78	GOM_NL__2PRFIN20080810_071831_000000402071_00078_33699_4906.N1	10-AUG-2008 07:18:31	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	33699	No
79	GOM_NL__2PRFIN20080810_072201_000000422071_00078_33699_4907.N1	10-AUG-2008 07:22:01	Straylight	41.500	31	Alp Gru	1.7340	15200.	83	33699	No
80	GOM_NL__2PRFIN20080810_072503_000000442071_00078_33699_4908.N1	10-AUG-2008 07:25:03	Straylight	43.500	172	Gam Gru	3.0030	13100.	87	33699	No
81	GOM_NL__2PRFIN20080810_073956_000000392071_00078_33699_4909.N1	10-AUG-2008 07:39:56	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	33699	No
82	GOM_NL__2PRFIN20080810_074138_000000362071_00078_33699_4910.N1	10-AUG-2008 07:41:38	Bright	36.000	168	17Zet Aql	2.9860	11000.	72	33699	No
83	GOM_NL__2PRFIN20080810_075014_000000362071_00078_33699_4911.N1	10-AUG-2008 07:50:14	Bright	36.000	144	18Del Cyg	2.8600	11000.	72	33699	No
84	GOM_NL__2PRFIN20080810_075245_000000362071_00078_33699_4912.N1	10-AUG-2008 07:52:45	Bright	36.000	69	33Gam Dra	2.2310	3800.0	72	33699	No
85	GOM_NL__2PRFIN20080810_080257_000000342071_00078_33699_4913.N1	10-AUG-2008 08:02:57	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	33699	No
86	GOM_NL__2PRFIN20080810_081557_000000382071_00078_33699_4914.N1	10-AUG-2008 08:15:57	Bright	38.000	42	34Bet Aur	1.9000	10200.	76	33699	No
87	GOM_NL__2PRFIN20080810_081818_000000372071_00078_33699_4915.N1	10-AUG-2008 08:18:18	Bright	36.500	107	37The Aur	2.6490	11000.	73	33699	No
88	GOM_NL__2PRFIN20080810_082227_000000412071_00078_33699_4916.N1	10-AUG-2008 08:22:27	Bright	40.500	151	13Mu Gem	2.8900	3000.0	81	33699	No
89	GOM_NL__2PRFIN20080810_082719_000000492071_00078_33699_4917.N1	10-AUG-2008 08:27:19	Dark	49.000	14	58Alp Ori	0.87000	3000.0	98	33699	No
90	GOM_NL__2PRFIN20080810_083018_000000452071_00078_33699_4918.N1	10-AUG-2008 08:30:18	Dark	44.500	30	46Eps Ori	1.6940	30000.	89	33699	No
91	GOM_NL__2PRFIN20080810_083305_000000492071_00078_33699_4919.N1	10-AUG-2008 08:33:05	Dark	49.000	1	9Alp CMa	-1.4400	11000.	98	33699	No
92	GOM_NL__2PRFIN20080810_083504_000000442071_00078_33699_4920.N1	10-AUG-2008 08:35:04	Dark	44.000	101	11Alp Lep	2.5820	7000.0	88	33699	No
93	GOM_NL__2PRFIN20080810_083706_000000362071_00078_33699_4921.N1	10-AUG-2008 08:37:06	Dark	36.000	177	1Zet CMa	3.0220	26000.	72	33699	No
94	GOM_NL__2PRFIN20080810_085256_000000432071_00079_33700_4917.N1	10-AUG-2008 08:52:56	Dark	42.500	9	Alp Eri	0.45300	24000.	85	33700	No
95	GOM_NL__2PRFIN20080810_085907_000000402071_00079_33700_4918.N1	10-AUG-2008 08:59:07	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	33700	No
96	GOM_NL__2PRFIN20080810_090238_000000412071_00079_33700_4919.N1	10-AUG-2008 09:02:38	Straylight	41.000	31	Alp Gru	1.7340	15200.	82	33700	No
97	GOM_NL__2PRFIN20080810_090540_000000432071_00079_33700_4920.N1	10-AUG-2008 09:05:40	Straylight	43.000	172	Gam Gru	3.0030	13100.	86	33700	No
98	GOM_NL__2PRFIN20080810_092032_000000372071_00079_33700_4921.N1	10-AUG-2008 09:20:32	Bright	36.500	11	53Alp Aql	0.76500	8000.0	73	33700	No
99	GOM_NL__2PRFIN20080810_092214_000000362071_00079_33700_4922.N1	10-AUG-2008 09:22:14	Bright	36.000	168	17Zet Aql	2.9860	11000.	72	33700	No
100	GOM_NL__2PRFIN20080810_093050_000000372071_00079_33700_4923.N1	10-AUG-2008 09:30:50	Bright	36.500	144	18Del Cyg	2.8600	11000.	73	33700	No
101	GOM_NL__2PRFIN20080810_093322_000000382071_00079_33700_4924.N1	10-AUG-2008 09:33:22	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	33700	No

102	GOM_NL__2PRFIN20080810_094333_000000372071_00079_33700_4925.N1	10-AUG-2008 09:43:33	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	33700	No
103	GOM_NL__2PRFIN20080810_095633_000000382071_00079_33700_4926.N1	10-AUG-2008 09:56:33	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	33700	No
104	GOM_NL__2PRFIN20080810_095854_000000382071_00079_33700_4927.N1	10-AUG-2008 09:58:54	Bright	37.500	107	37The Aur	2.6490	11000.	75	33700	No
105	GOM_NL__2PRFIN20080810_100303_000000542071_00079_33700_4928.N1	10-AUG-2008 10:03:03	Bright	54.000	151	13Mu Gem	2.8900	3000.0	108	33700	No
106	GOM_NL__2PRFIN20080810_100755_000000562071_00079_33700_4929.N1	10-AUG-2008 10:07:55	Dark	56.000	14	58Alp Ori	0.87000	3000.0	112	33700	No
107	GOM_NL__2PRFIN20080810_101055_000000462071_00079_33700_4930.N1	10-AUG-2008 10:10:55	Dark	46.000	30	46Eps Ori	1.6940	30000.	92	33700	No
108	GOM_NL__2PRFIN20080810_101341_000000422071_00079_33700_4931.N1	10-AUG-2008 10:13:41	Dark	41.500	1	9Alp CMa	-1.4400	11000.	83	33700	No
109	GOM_NL__2PRFIN20080810_101541_000000402071_00079_33700_4932.N1	10-AUG-2008 10:15:41	Dark	40.000	101	11Alp Lep	2.5820	7000.0	80	33700	No
110	GOM_NL__2PRFIN20080810_101742_000000372071_00079_33700_4933.N1	10-AUG-2008 10:17:42	Dark	36.500	177	1Zet CMa	3.0220	26000.	73	33700	No
111	GOM_NL__2PRFIN20080810_102340_000000522071_00079_33700_4934.N1	10-AUG-2008 10:23:40	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	33700	No
112	GOM_NL__2PRFIN20080810_103332_000000512071_00080_33701_4937.N1	10-AUG-2008 10:33:32	Dark	50.500	9	Alp Eri	0.45300	24000.	101	33701	No
113	GOM_NL__2PRFIN20080810_103944_000000422071_00080_33701_4938.N1	10-AUG-2008 10:39:44	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	33701	No
114	GOM_NL__2PRFIN20080810_104314_000000422071_00080_33701_4939.N1	10-AUG-2008 10:43:14	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	33701	No
115	GOM_NL__2PRFIN20080810_104616_000000432071_00080_33701_4940.N1	10-AUG-2008 10:46:16	Straylight	42.500	172	Gam Gru	3.0030	13100.	85	33701	No
116	GOM_NL__2PRFIN20080810_110108_000000362071_00080_33701_4941.N1	10-AUG-2008 11:01:08	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	33701	No
117	GOM_NL__2PRFIN20080810_110250_000000362071_00080_33701_4942.N1	10-AUG-2008 11:02:50	Bright	35.500	168	17Zet Aql	2.9860	11000.	71	33701	No
118	GOM_NL__2PRFIN20080810_110959_000000392071_00080_33701_4943.N1	10-AUG-2008 11:09:59	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	33701	No
119	GOM_NL__2PRFIN20080810_111126_000000342071_00080_33701_4944.N1	10-AUG-2008 11:11:26	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	33701	No
120	GOM_NL__2PRFIN20080810_111358_000000382071_00080_33701_4945.N1	10-AUG-2008 11:13:58	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	33701	No
121	GOM_NL__2PRFIN20080810_112409_000000362071_00080_33701_4946.N1	10-AUG-2008 11:24:09	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33701	No
122	GOM_NL__2PRFIN20080810_113709_000000382071_00080_33701_4947.N1	10-AUG-2008 11:37:09	Bright	38.000	42	34Bet Aur	1.9000	10200.	76	33701	No
123	GOM_NL__2PRFIN20080810_113930_000000362071_00080_33701_4948.N1	10-AUG-2008 11:39:30	Bright	35.500	107	37The Aur	2.6490	11000.	71	33701	No
124	GOM_NL__2PRFIN20080810_114339_000000422071_00080_33701_4949.N1	10-AUG-2008 11:43:39	Bright	42.000	151	13Mu Gem	2.8900	3000.0	84	33701	No
125	GOM_NL__2PRFIN20080810_114831_000000552071_00080_33701_4950.N1	10-AUG-2008 11:48:31	Dark	54.500	14	58Alp Ori	0.87000	3000.0	109	33701	No
126	GOM_NL__2PRFIN20080810_115131_000000462071_00080_33701_4951.N1	10-AUG-2008 11:51:31	Dark	45.500	30	46Eps Ori	1.6940	30000.	91	33701	No
127	GOM_NL__2PRFIN20080810_115417_000000472071_00080_33701_4952.N1	10-AUG-2008 11:54:17	Dark	47.000	1	9Alp CMa	-1.4400	11000.	94	33701	No
128	GOM_NL__2PRFIN20080810_115617_000000432071_00080_33701_4953.N1	10-AUG-2008 11:56:17	Dark	42.500	101	11Alp Lep	2.5820	7000.0	85	33701	No
129	GOM_NL__2PRFIN20080810_115819_000000382071_00080_33701_4954.N1	10-AUG-2008 11:58:19	Dark	37.500	177	1Zet CMa	3.0220	26000.	75	33701	No
130	GOM_NL__2PRFIN20080810_120416_000000482071_00080_33701_4955.N1	10-AUG-2008 12:04:16	Dark	48.000	2	Alp Car	-0.73600	7000.0	96	33701	No
131	GOM_NL__2PRFIN20080810_121409_000000442071_00081_33702_4952.N1	10-AUG-2008 12:14:09	Dark	44.000	9	Alp Eri	0.45300	24000.	88	33702	No
132	GOM_NL__2PRFIN20080810_122020_000000422071_00081_33702_4953.N1	10-AUG-2008 12:20:20	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	33702	No
133	GOM_NL__2PRFIN20080810_122350_000000452071_00081_33702_4954.N1	10-AUG-2008 12:23:50	Straylight	44.500	31	Alp Gru	1.7340	15200.	89	33702	No
134	GOM_NL__2PRFIN20080810_122652_000000442071_00081_33702_4955.N1	10-AUG-2008 12:26:52	Straylight	43.500	172	Gam Gru	3.0030	13100.	87	33702	No
135	GOM_NL__2PRFIN20080810_124144_000000362071_00081_33702_4956.N1	10-AUG-2008 12:41:44	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	33702	No
136	GOM_NL__2PRFIN20080810_124326_000000362071_00081_33702_4957.N1	10-AUG-2008 12:43:26	Bright	35.500	168	17Zet Aql	2.9860	11000.	71	33702	No
137	GOM_NL__2PRFIN20080810_125035_000000362071_00081_33702_4958.N1	10-AUG-2008 12:50:35	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	33702	No
138	GOM_NL__2PRFIN20080810_125202_000000352071_00081_33702_4959.N1	10-AUG-2008 12:52:02	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	33702	No
139	GOM_NL__2PRFIN20080810_125434_000000392071_00081_33702_4960.N1	10-AUG-2008 12:54:34	Bright	39.000	69	33Gam Dra	2.2310	3800.0	78	33702	No
140	GOM_NL__2PRFIN20080810_131745_000000382071_00081_33702_4961.N1	10-AUG-2008 13:17:45	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	33702	No
141	GOM_NL__2PRFIN20080810_132006_000000472071_00081_33702_4962.N1	10-AUG-2008 13:20:06	Bright	47.000	107	37The Aur	2.6490	11000.	94	33702	No
142	GOM_NL__2PRFIN20080810_132416_000000432071_00081_33702_4963.N1	10-AUG-2008 13:24:16	Bright	42.500	151	13Mu Gem	2.8900	3000.0	85	33702	No
143	GOM_NL__2PRFIN20080810_132908_000000512071_00081_33702_4964.N1	10-AUG-2008 13:29:08	Dark	51.000	14	58Alp Ori	0.87000	3000.0	102	33702	No
144	GOM_NL__2PRFIN20080810_133208_000000472071_00081_33702_4965.N1	10-AUG-2008 13:32:08	Dark	47.000	30	46Eps Ori	1.6940	30000.	94	33702	No
145	GOM_NL__2PRFIN20080810_133453_000000392071_00081_33702_4966.N1	10-AUG-2008 13:34:53	Dark	38.500	1	9Alp CMa	-1.4400	11000.	77	33702	No
146	GOM_NL__2PRFIN20080810_133654_000000432071_00081_33702_4967.N1	10-AUG-2008 13:36:54	Dark	43.000	101	11Alp Lep	2.5820	7000.0	86	33702	No
147	GOM_NL__2PRFIN20080810_133855_000000382071_00081_33702_4968.N1	10-AUG-2008 13:38:55	Dark	38.000	177	1Zet CMa	3.0220	26000.	76	33702	No
148	GOM_NL__2PRFIN20080810_134452_000000522071_00081_33702_4969.N1	10-AUG-2008 13:44:52	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	33702	No
149	GOM_NL__2PRFIN20080810_135446_000000442071_00082_33703_4963.N1	10-AUG-2008 13:54:46	Dark	44.000	9	Alp Eri	0.45300	24000.	88	33703	No
150	GOM_NL__2PRFIN20080810_140056_000000412071_00082_33703_4964.N1	10-AUG-2008 14:00:56	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	33703	No
151	GOM_NL__2PRFIN20080810_140426_000000422071_00082_33703_4965.N1	10-AUG-2008 14:04:26	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	33703	No
152	GOM_NL__2PRFIN20080810_140728_000000422071_00082_33703_4966.N1	10-AUG-2008 14:07:28	Straylight	41.500	172	Gam Gru	3.0030	13100.	83	33703	No
153	GOM_NL__2PRFIN20080810_142220_000000352071_00082_33703_4967.N1	10-AUG-2008 14:22:20	Bright	35.000	11	53Alp Aql	0.76500	8000.0	70	33703	No
154	GOM_NL__2PRFIN20080810_142403_000000342071_00082_33703_4968.N1	10-AUG-2008 14:24:03	Bright	33.500	168	17Zet Aql	2.9860	11000.	67	33703	No
155	GOM_NL__2PRFIN20080810_143111_000000342071_00082_33703_4969.N1	10-AUG-2008 14:31:11	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	33703	No
156	GOM_NL__2PRFIN20080810_143238_000000362071_00082_33703_4970.N1	10-AUG-2008 14:32:38	Bright	35.500	144	18Del Cyg	2.8600	11000.	71	33703	No
157	GOM_NL__2PRFIN20080810_143510_000000382071_00082_33703_4971.N1	10-AUG-2008 14:35:10	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	33703	No
158	GOM_NL__2PRFIN20080810_144520_000000332071_00082_33703_4972.N1	10-AUG-2008 14:45:20	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	33703	No
159	GOM_NL__2PRFIN20080810_145821_000000382071_00082_33703_4973.N1	10-AUG-2008 14:58:21	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	33703	No
160	GOM_NL__2PRFIN20080810_150042_000000362071_00082_33703_4974.N1	10-AUG-2008 15:00:42	Bright	36.000	107	37The Aur	2.6490	11000.	72	33703	No

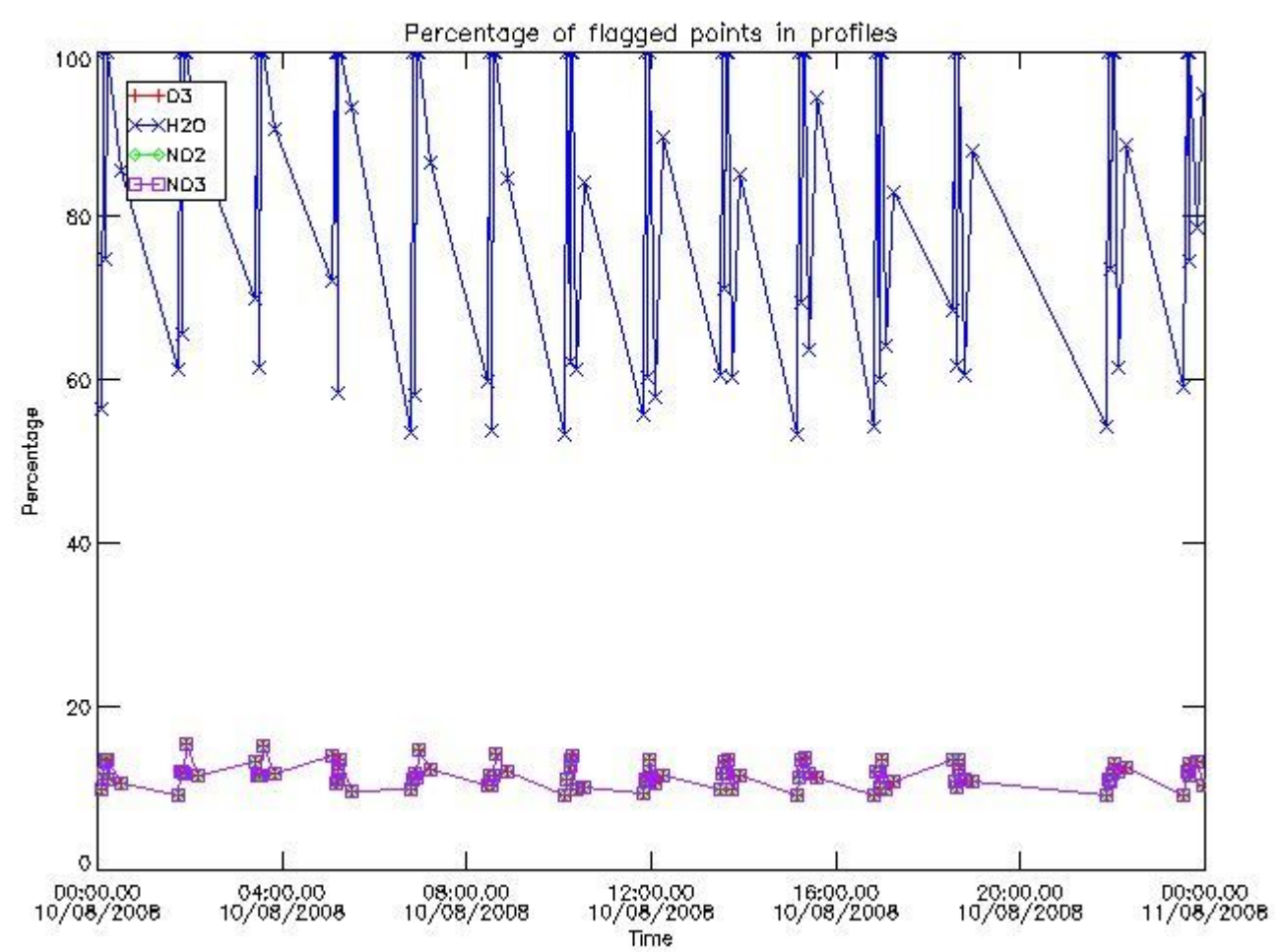
161	GOM_NL__2PRFIN20080810_150452_000000442071_00082_33703_4975.N1	10-AUG-2008 15:04:52	Bright	43.500	151	13Mu Gem	2.8900	3000.0	87	33703	No
162	GOM_NL__2PRFIN20080810_150944_000000562071_00082_33703_4976.N1	10-AUG-2008 15:09:44	Dark	56.000	14	58Alp Ori	0.87000	3000.0	112	33703	No
163	GOM_NL__2PRFIN20080810_151244_000000452071_00082_33703_4977.N1	10-AUG-2008 15:12:44	Dark	45.000	30	46Eps Ori	1.6940	30000.	90	33703	No
164	GOM_NL__2PRFIN20080810_151529_000000382071_00082_33703_4978.N1	10-AUG-2008 15:15:29	Dark	38.000	1	9Alp CMa	-1.4400	11000.	76	33703	No
165	GOM_NL__2PRFIN20080810_151730_000000432071_00082_33703_4979.N1	10-AUG-2008 15:17:30	Dark	42.500	101	11Alp Lep	2.5820	7000.0	85	33703	No
166	GOM_NL__2PRFIN20080810_151931_000000372071_00082_33703_4980.N1	10-AUG-2008 15:19:31	Dark	37.000	177	1Zet CMa	3.0220	26000.	74	33703	No
167	GOM_NL__2PRFIN20080810_152528_000000432071_00082_33703_4981.N1	10-AUG-2008 15:25:28	Dark	43.000	2	Alp Car	-0.73600	7000.0	86	33703	No
168	GOM_NL__2PRFIN20080810_153522_000000452071_00083_33704_4977.N1	10-AUG-2008 15:35:22	Dark	45.000	9	Alp Eri	0.45300	24000.	90	33704	No
169	GOM_NL__2PRFIN20080810_154132_000000392071_00083_33704_4978.N1	10-AUG-2008 15:41:32	Straylight	38.500	148	Alp Tuc	2.8780	4100.0	77	33704	No
170	GOM_NL__2PRFIN20080810_154503_000000462071_00083_33704_4979.N1	10-AUG-2008 15:45:03	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	33704	No
171	GOM_NL__2PRFIN20080810_154805_000000412071_00083_33704_4980.N1	10-AUG-2008 15:48:05	Straylight	40.500	172	Gam Gru	3.0030	13100.	81	33704	No
172	GOM_NL__2PRFIN20080810_160256_000000362071_00083_33704_4981.N1	10-AUG-2008 16:02:56	Bright	35.500	11	53Alp Aql	0.76500	8000.0	71	33704	No
173	GOM_NL__2PRFIN20080810_160439_000000362071_00083_33704_4982.N1	10-AUG-2008 16:04:39	Bright	35.500	168	17Zet Aql	2.9860	11000.	71	33704	No
174	GOM_NL__2PRFIN20080810_161147_000000362071_00083_33704_4983.N1	10-AUG-2008 16:11:47	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	33704	No
175	GOM_NL__2PRFIN20080810_161314_000000352071_00083_33704_4984.N1	10-AUG-2008 16:13:14	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	33704	No
176	GOM_NL__2PRFIN20080810_161546_000000372071_00083_33704_4985.N1	10-AUG-2008 16:15:46	Bright	36.500	69	33Gam Dra	2.2310	3800.0	73	33704	No
177	GOM_NL__2PRFIN20080810_162556_000000372071_00083_33704_4986.N1	10-AUG-2008 16:25:56	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	33704	No
178	GOM_NL__2PRFIN20080810_163857_000000492071_00083_33704_4987.N1	10-AUG-2008 16:38:57	Bright	49.000	42	34Bet Aur	1.9000	10200.	98	33704	No
179	GOM_NL__2PRFIN20080810_164118_000000562071_00083_33704_4988.N1	10-AUG-2008 16:41:18	Bright	56.000	107	37The Aur	2.6490	11000.	112	33704	No
180	GOM_NL__2PRFIN20080810_164528_000000442071_00083_33704_4989.N1	10-AUG-2008 16:45:28	Bright	44.000	151	13Mu Gem	2.8900	3000.0	88	33704	No
181	GOM_NL__2PRFIN20080810_165020_000000562071_00083_33704_4990.N1	10-AUG-2008 16:50:20	Dark	56.000	14	58Alp Ori	0.87000	3000.0	112	33704	No
182	GOM_NL__2PRFIN20080810_165320_000000432071_00083_33704_4991.N1	10-AUG-2008 16:53:20	Dark	42.500	30	46Eps Ori	1.6940	30000.	85	33704	No
183	GOM_NL__2PRFIN20080810_165606_000000512071_00083_33704_4992.N1	10-AUG-2008 16:56:06	Dark	50.500	1	9Alp CMa	-1.4400	11000.	101	33704	No
184	GOM_NL__2PRFIN20080810_165807_000000432071_00083_33704_4993.N1	10-AUG-2008 16:58:07	Dark	42.500	101	11Alp Lep	2.5820	7000.0	85	33704	No
185	GOM_NL__2PRFIN20080810_170007_000000382071_00083_33704_4994.N1	10-AUG-2008 17:00:07	Dark	37.500	177	1Zet CMa	3.0220	26000.	75	33704	No
186	GOM_NL__2PRFIN20080810_170605_000000522071_00083_33704_4995.N1	10-AUG-2008 17:06:05	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	33704	No
187	GOM_NL__2PRFIN20080810_171559_000000472071_00084_33705_4998.N1	10-AUG-2008 17:15:59	Dark	47.000	9	Alp Eri	0.45300	24000.	94	33705	No
188	GOM_NL__2PRFIN20080810_172209_000000382071_00084_33705_4999.N1	10-AUG-2008 17:22:09	Straylight	38.000	148	Alp Tuc	2.8780	4100.0	76	33705	No
189	GOM_NL__2PRFIN20080810_172539_000000472071_00084_33705_5000.N1	10-AUG-2008 17:25:39	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	33705	No
190	GOM_NL__2PRFIN20080810_172841_000000422071_00084_33705_5001.N1	10-AUG-2008 17:28:41	Straylight	41.500	172	Gam Gru	3.0030	13100.	83	33705	No
191	GOM_NL__2PRFIN20080810_174332_000000362071_00084_33705_5002.N1	10-AUG-2008 17:43:32	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	33705	No
192	GOM_NL__2PRFIN20080810_174515_000000352071_00084_33705_5003.N1	10-AUG-2008 17:45:15	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	33705	No
193	GOM_NL__2PRFIN20080810_175349_000000352071_00084_33705_5004.N1	10-AUG-2008 17:53:49	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	33705	No
194	GOM_NL__2PRFIN20080810_175623_000000392071_00084_33705_5005.N1	10-AUG-2008 17:56:23	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	33705	No
195	GOM_NL__2PRFIN20080810_180632_000000372071_00084_33705_5006.N1	10-AUG-2008 18:06:32	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	33705	No
196	GOM_NL__2PRFIN20080810_181933_000000372071_00084_33705_5007.N1	10-AUG-2008 18:19:33	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	33705	No
197	GOM_NL__2PRFIN20080810_182154_000000382071_00084_33705_5008.N1	10-AUG-2008 18:21:54	Bright	37.500	107	37The Aur	2.6490	11000.	75	33705	No
198	GOM_NL__2PRFIN20080810_182604_000000492071_00084_33705_5009.N1	10-AUG-2008 18:26:04	Bright	48.500	151	13Mu Gem	2.8900	3000.0	97	33705	No
199	GOM_NL__2PRFIN20080810_183056_000000422071_00084_33705_5010.N1	10-AUG-2008 18:30:56	Dark	41.500	14	58Alp Ori	0.87000	3000.0	83	33705	No
200	GOM_NL__2PRFIN20080810_183357_000000472071_00084_33705_5011.N1	10-AUG-2008 18:33:57	Dark	46.500	30	46Eps Ori	1.6940	30000.	93	33705	No
201	GOM_NL__2PRFIN20080810_183642_000000502071_00084_33705_5012.N1	10-AUG-2008 18:36:42	Dark	50.000	1	9Alp CMa	-1.4400	11000.	100	33705	No
202	GOM_NL__2PRFIN20080810_183843_000000422071_00084_33705_5013.N1	10-AUG-2008 18:38:43	Dark	41.500	101	11Alp Lep	2.5820	7000.0	83	33705	No
203	GOM_NL__2PRFIN20080810_184044_000000382071_00084_33705_5014.N1	10-AUG-2008 18:40:44	Dark	37.500	177	1Zet CMa	3.0220	26000.	75	33705	No
204	GOM_NL__2PRFIN20080810_184641_000000462071_00084_33705_5015.N1	10-AUG-2008 18:46:41	Dark	46.000	2	Alp Car	-0.73600	7000.0	92	33705	No
205	GOM_NL__2PRFIN20080810_185636_000000472071_00085_33706_5013.N1	10-AUG-2008 18:56:36	Dark	46.500	9	Alp Eri	0.45300	24000.	93	33706	No
206	GOM_NL__2PRFIN20080810_190245_000000382071_00085_33706_5014.N1	10-AUG-2008 19:02:45	Straylight	38.000	148	Alp Tuc	2.8780	4100.0	76	33706	No
207	GOM_NL__2PRFIN20080810_190616_000000292071_00085_33706_5015.N1	10-AUG-2008 19:06:16	Straylight	29.000	31	Alp Gru	1.7340	15200.	58	33706	No
208	GOM_NL__2PRFIN20080810_204652_000000442071_00086_33707_5034.N1	10-AUG-2008 20:46:52	Straylight	44.000	31	Alp Gru	1.7340	15200.	88	33707	No
209	GOM_NL__2PRFIN20080810_204954_000000422071_00086_33707_5035.N1	10-AUG-2008 20:49:54	Straylight	41.500	172	Gam Gru	3.0030	13100.	83	33707	No
210	GOM_NL__2PRFIN20080810_210444_000000372071_00086_33707_5036.N1	10-AUG-2008 21:04:44	Bright	36.500	11	53Alp Aql	0.76500	8000.0	73	33707	No
211	GOM_NL__2PRFIN20080810_210627_000000342071_00086_33707_5037.N1	10-AUG-2008 21:06:27	Bright	34.000	168	17Zet Aql	2.9860	11000.	68	33707	No
212	GOM_NL__2PRFIN20080810_211336_000000342071_00086_33707_5038.N1	10-AUG-2008 21:13:36	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	33707	No
213	GOM_NL__2PRFIN20080810_211501_000000342071_00086_33707_5039.N1	10-AUG-2008 21:15:01	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	33707	No
214	GOM_NL__2PRFIN20080810_211735_000000392071_00086_33707_5040.N1	10-AUG-2008 21:17:35	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	33707	No
215	GOM_NL__2PRFIN20080810_212744_000000362071_00086_33707_5041.N1	10-AUG-2008 21:27:44	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33707	No
216	GOM_NL__2PRFIN20080810_214045_000000492071_00086_33707_5042.N1	10-AUG-2008 21:40:45	Bright	48.500	42	34Bet Aur	1.9000	10200.	97	33707	No
217	GOM_NL__2PRFIN20080810_214307_000000372071_00086_33707_5043.N1	10-AUG-2008 21:43:07	Bright	36.500	107	37The Aur	2.6490	11000.	73	33707	No
218	GOM_NL__2PRFIN20080810_214716_000000402071_00086_33707_5044.N1	10-AUG-2008 21:47:16	Bright	40.000	151	13Mu Gem	2.8900	3000.0	80	33707	No
219	GOM_NL__2PRFIN20080810_215209_000000562071_00086_33707_5045.N1	10-AUG-2008 21:52:09	Dark	56.000	14	58Alp Ori	0.87000	3000.0	112	33707	No

220	GOM_NL__2PRFIN20080810_215510_000000462071_00086_33707_5046.N1	10-AUG-2008 21:55:10	Dark	46.000	30	46Eps Ori	1.6940	30000.	92	33707	No
221	GOM_NL__2PRFIN20080810_215754_000000482071_00086_33707_5047.N1	10-AUG-2008 21:57:54	Dark	47.500	1	9Alp CMa	-1.4400	11000.	95	33707	No
222	GOM_NL__2PRFIN20080810_215956_000000442071_00086_33707_5048.N1	10-AUG-2008 21:59:56	Dark	43.500	101	11Alp Lep	2.5820	7000.0	87	33707	No
223	GOM_NL__2PRFIN20080810_220156_000000392071_00086_33707_5049.N1	10-AUG-2008 22:01:56	Dark	39.000	177	1Zet CMa	3.0220	26000.	78	33707	No
224	GOM_NL__2PRFIN20080810_220753_000000422071_00086_33707_5050.N1	10-AUG-2008 22:07:53	Dark	42.000	2	Alp Car	-0.73600	7000.0	84	33707	No
225	GOM_NL__2PRFIN20080810_221749_000000452071_00087_33708_5047.N1	10-AUG-2008 22:17:49	Dark	44.500	9	Alp Eri	0.45300	24000.	89	33708	No
226	GOM_NL__2PRFIN20080810_222358_000000392071_00087_33708_5048.N1	10-AUG-2008 22:23:58	Straylight	39.000	148	Alp Tuc	2.8780	4100.0	78	33708	No
227	GOM_NL__2PRFIN20080810_222728_000000452071_00087_33708_5049.N1	10-AUG-2008 22:27:28	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	33708	No
228	GOM_NL__2PRFIN20080810_223030_000000422071_00087_33708_5050.N1	10-AUG-2008 22:30:30	Straylight	41.500	172	Gam Gru	3.0030	13100.	83	33708	No
229	GOM_NL__2PRFIN20080810_224520_000000362071_00087_33708_5051.N1	10-AUG-2008 22:45:20	Bright	35.500	11	53Alp Aql	0.76500	8000.0	71	33708	No
230	GOM_NL__2PRFIN20080810_224703_000000372071_00087_33708_5052.N1	10-AUG-2008 22:47:03	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	33708	No
231	GOM_NL__2PRFIN20080810_225412_000000342071_00087_33708_5053.N1	10-AUG-2008 22:54:12	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	33708	No
232	GOM_NL__2PRFIN20080810_225537_000000352071_00087_33708_5054.N1	10-AUG-2008 22:55:37	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	33708	No
233	GOM_NL__2PRFIN20080810_225811_000000392071_00087_33708_5055.N1	10-AUG-2008 22:58:11	Bright	39.000	69	33Gam Dra	2.2310	3800.0	78	33708	No
234	GOM_NL__2PRFIN20080810_230820_000000362071_00087_33708_5056.N1	10-AUG-2008 23:08:20	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33708	No
235	GOM_NL__2PRFIN20080810_232121_000000462071_00087_33708_5057.N1	10-AUG-2008 23:21:21	Bright	45.500	42	34Bet Aur	1.9000	10200.	91	33708	No
236	GOM_NL__2PRFIN20080810_232342_000000372071_00087_33708_5058.N1	10-AUG-2008 23:23:42	Bright	36.500	107	37The Aur	2.6490	11000.	73	33708	No
237	GOM_NL__2PRFIN20080810_232752_000000502071_00087_33708_5059.N1	10-AUG-2008 23:27:52	Bright	50.000	151	13Mu Gem	2.8900	3000.0	100	33708	No
238	GOM_NL__2PRFIN20080810_233245_000000562071_00087_33708_5060.N1	10-AUG-2008 23:32:45	Dark	55.500	14	58Alp Ori	0.87000	3000.0	111	33708	No
239	GOM_NL__2PRFIN20080810_233546_000000472071_00087_33708_5061.N1	10-AUG-2008 23:35:46	Dark	46.500	30	46Eps Ori	1.6940	30000.	93	33708	No
240	GOM_NL__2PRFIN20080810_233830_000000402071_00087_33708_5062.N1	10-AUG-2008 23:38:30	Dark	39.500	1	9Alp CMa	-1.4400	11000.	79	33708	No
241	GOM_NL__2PRFIN20080810_234033_000000442071_00087_33708_5063.N1	10-AUG-2008 23:40:33	Dark	44.000	101	11Alp Lep	2.5820	7000.0	88	33708	No
242	GOM_NL__2PRFIN20080810_234829_000000432071_00087_33708_5064.N1	10-AUG-2008 23:48:29	Dark	42.500	2	Alp Car	-0.73600	7000.0	85	33708	No
243	GOM_NL__2PRFIN20080810_235825_000000492071_00088_33709_5062.N1	10-AUG-2008 23:58:25	Dark	49.000	9	Alp Eri	0.45300	24000.	98	33709	No

3. Quality information per product

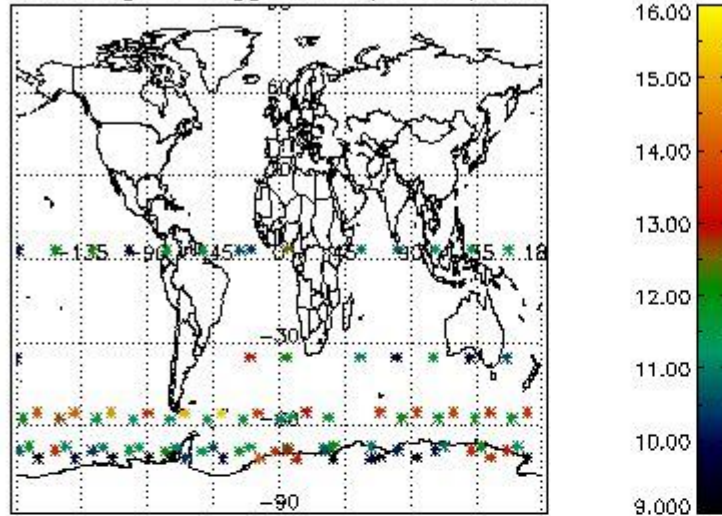
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

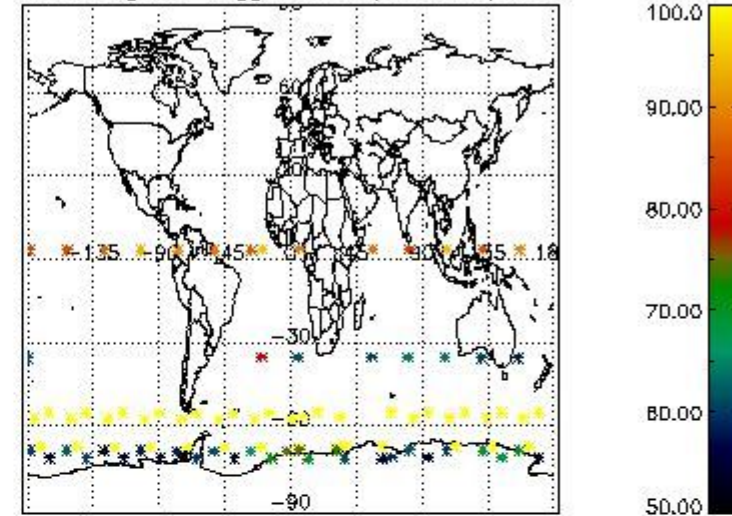


3.2 Plot quality information per product (world map)

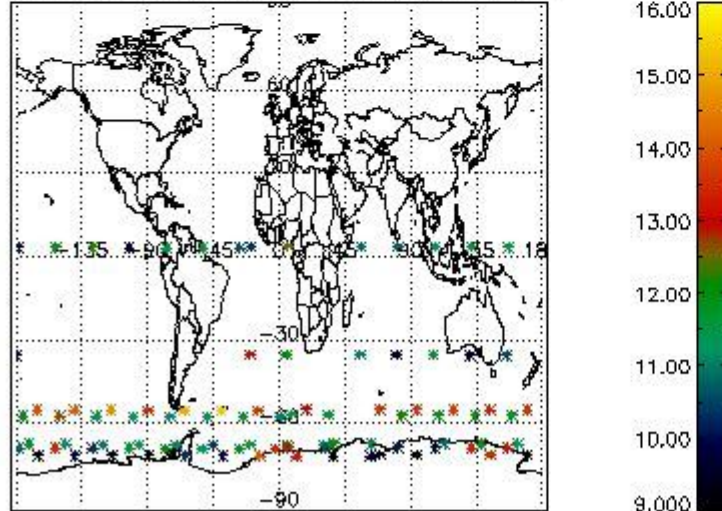
Percentage of flagged data per O3 profile



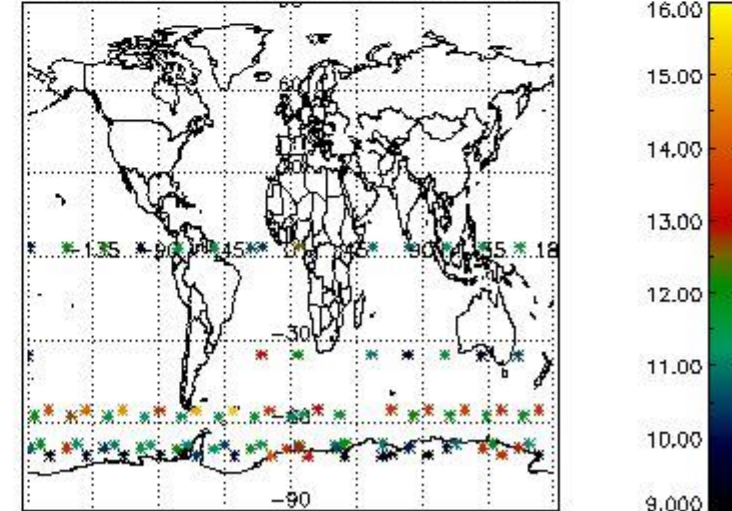
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

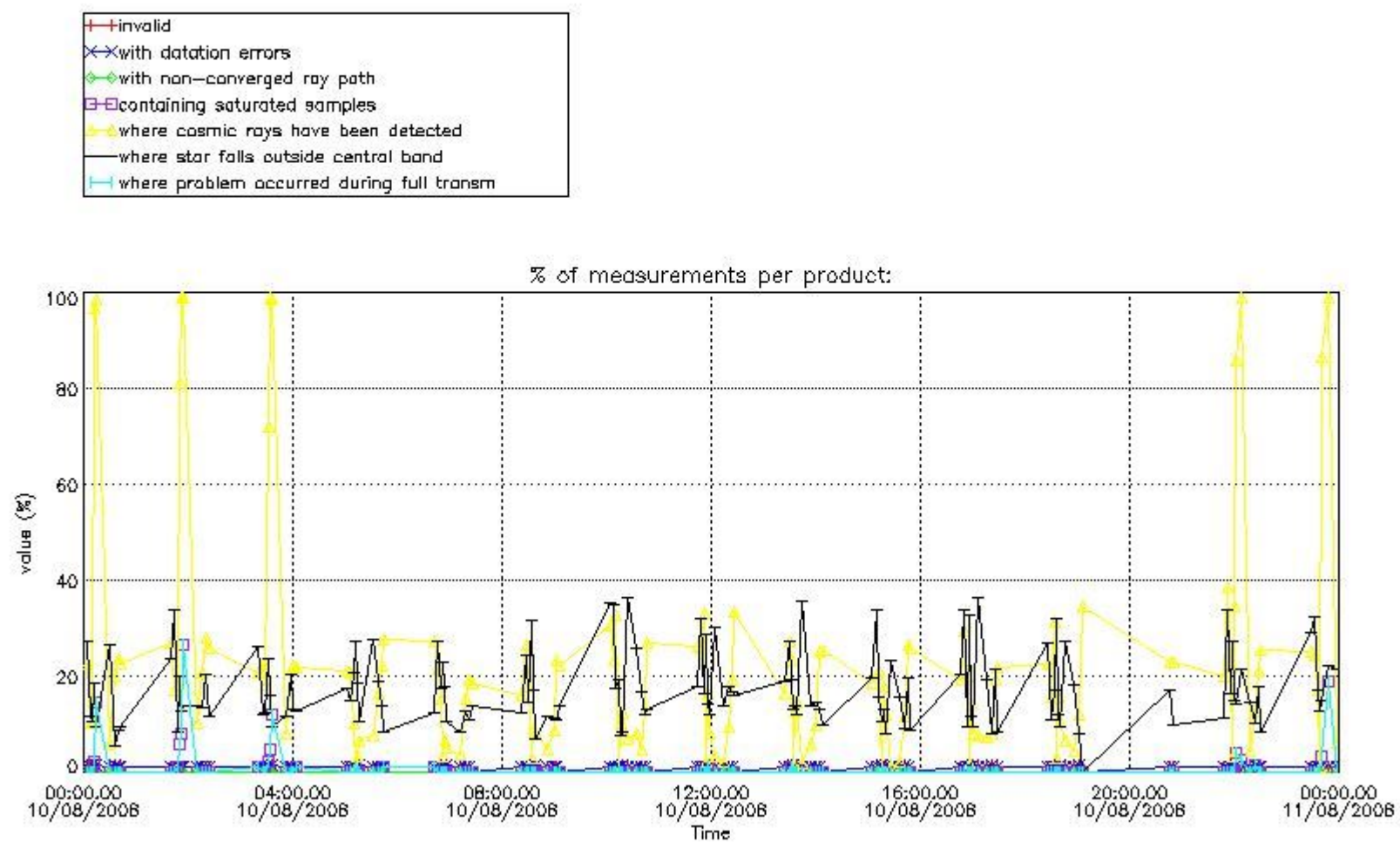


4. Level 1 quality information per product

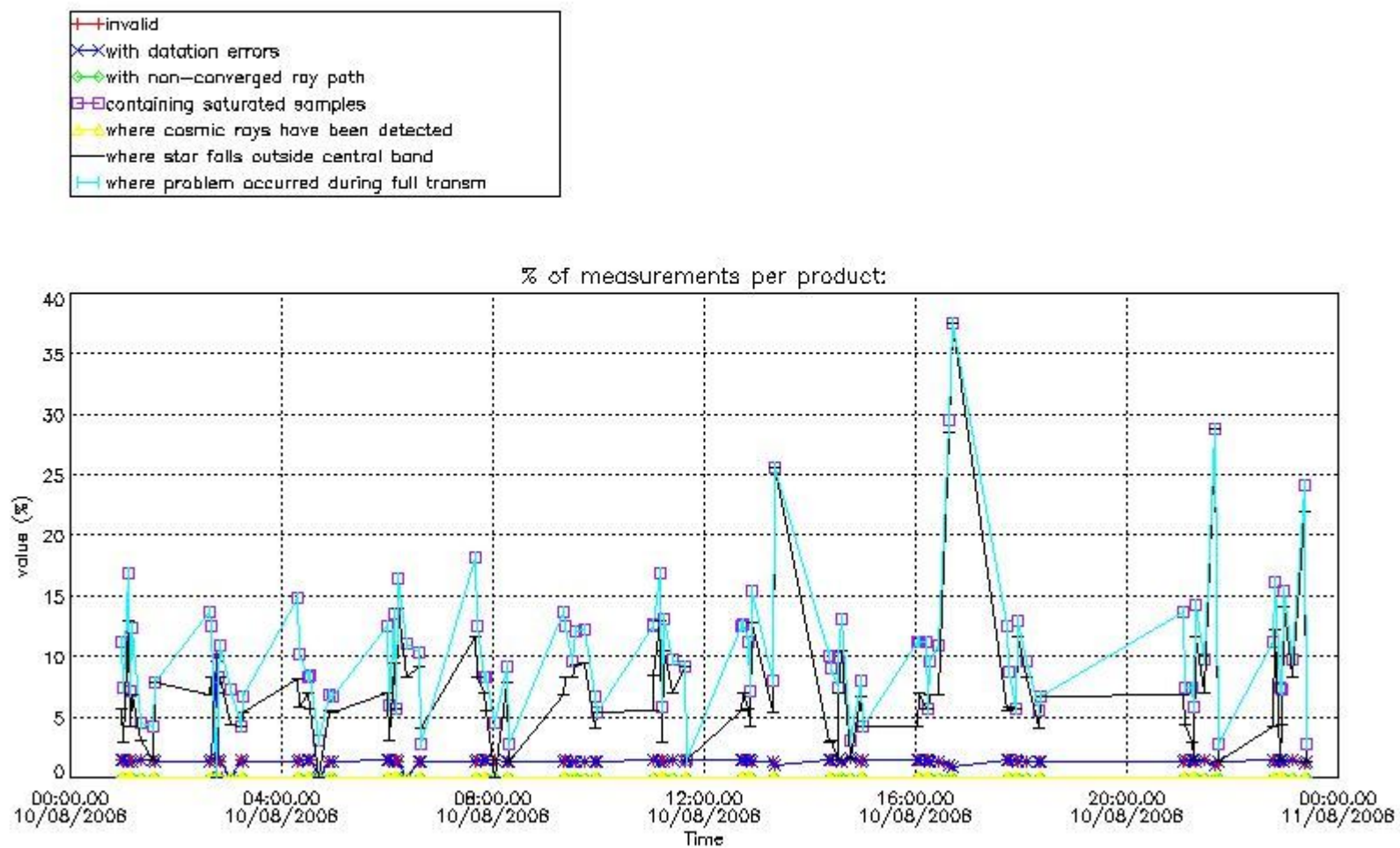
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

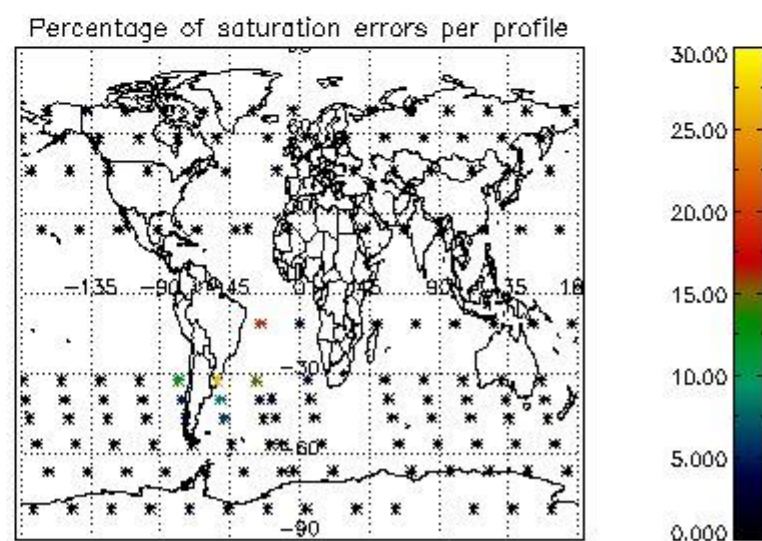
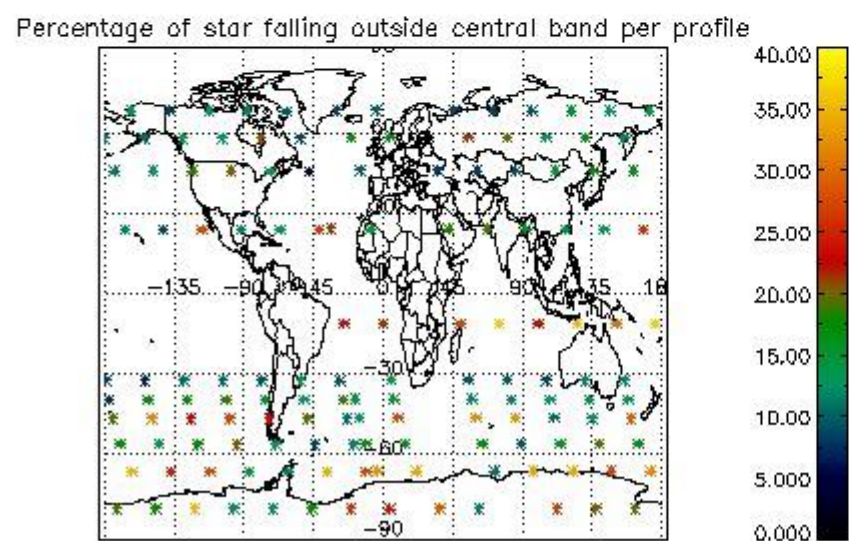
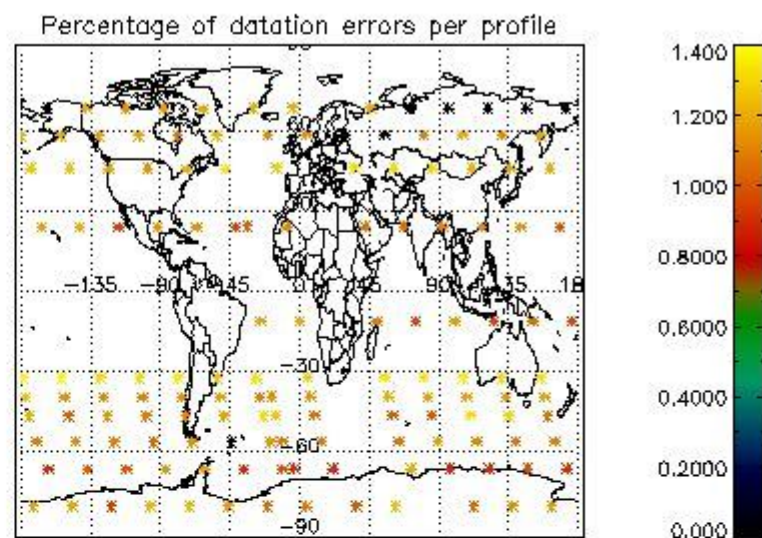
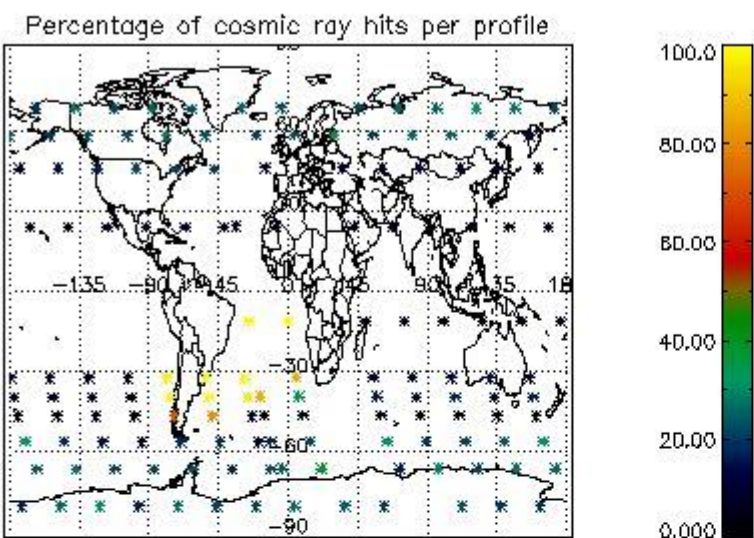


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

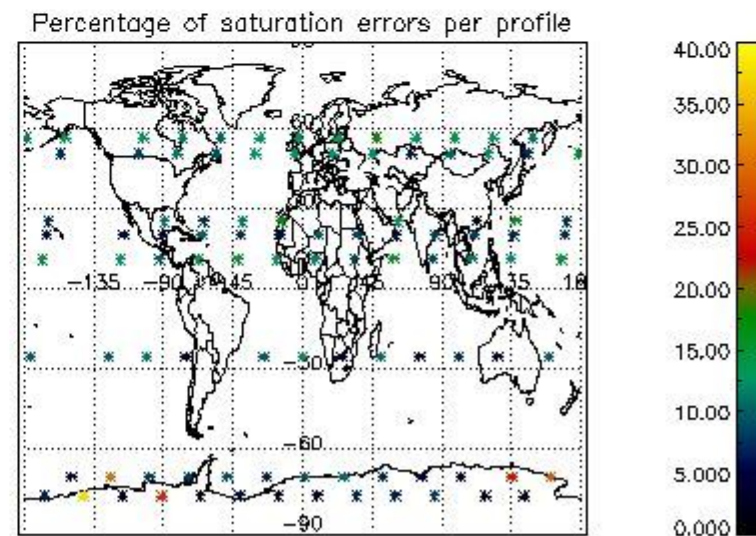
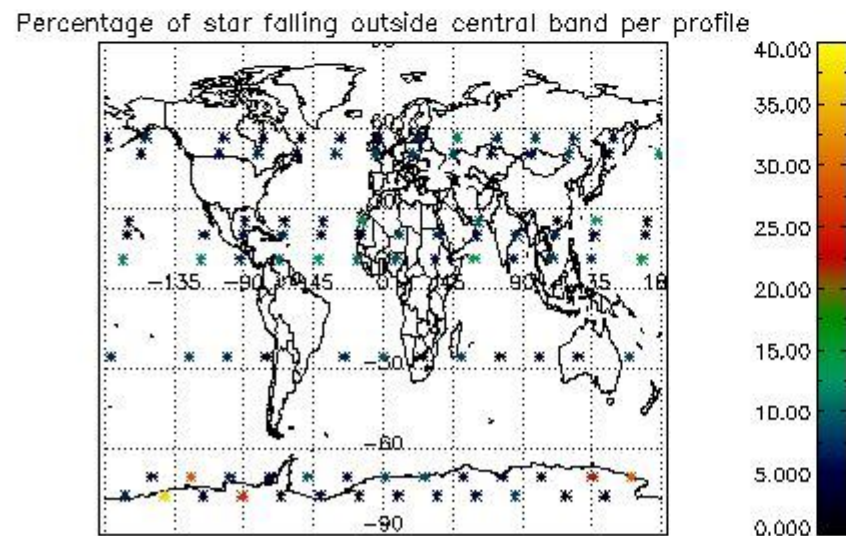
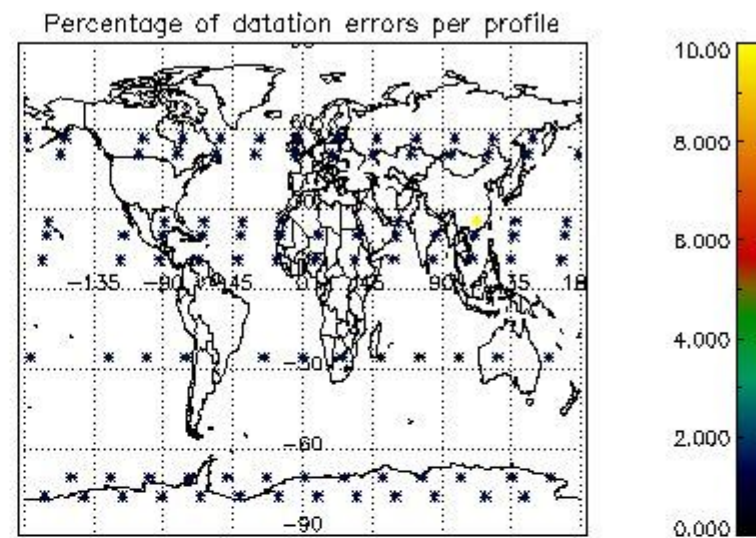
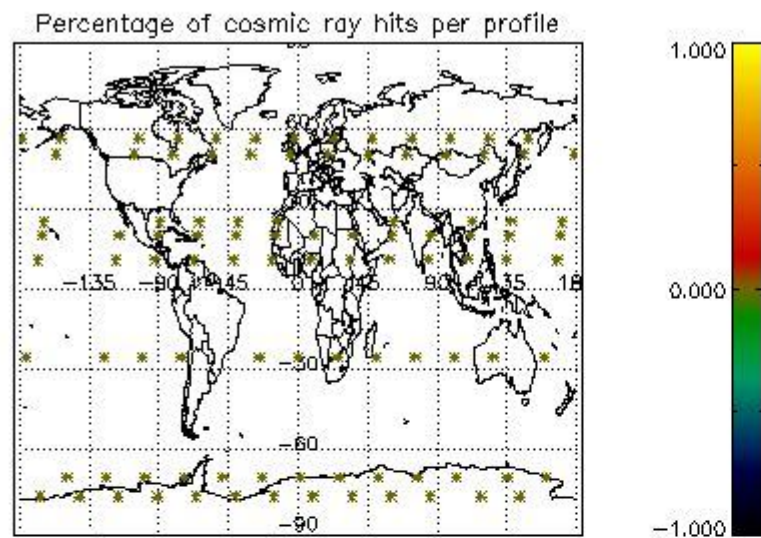


4.2 Plot quality information per product coming from level 1b processing (world map)

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

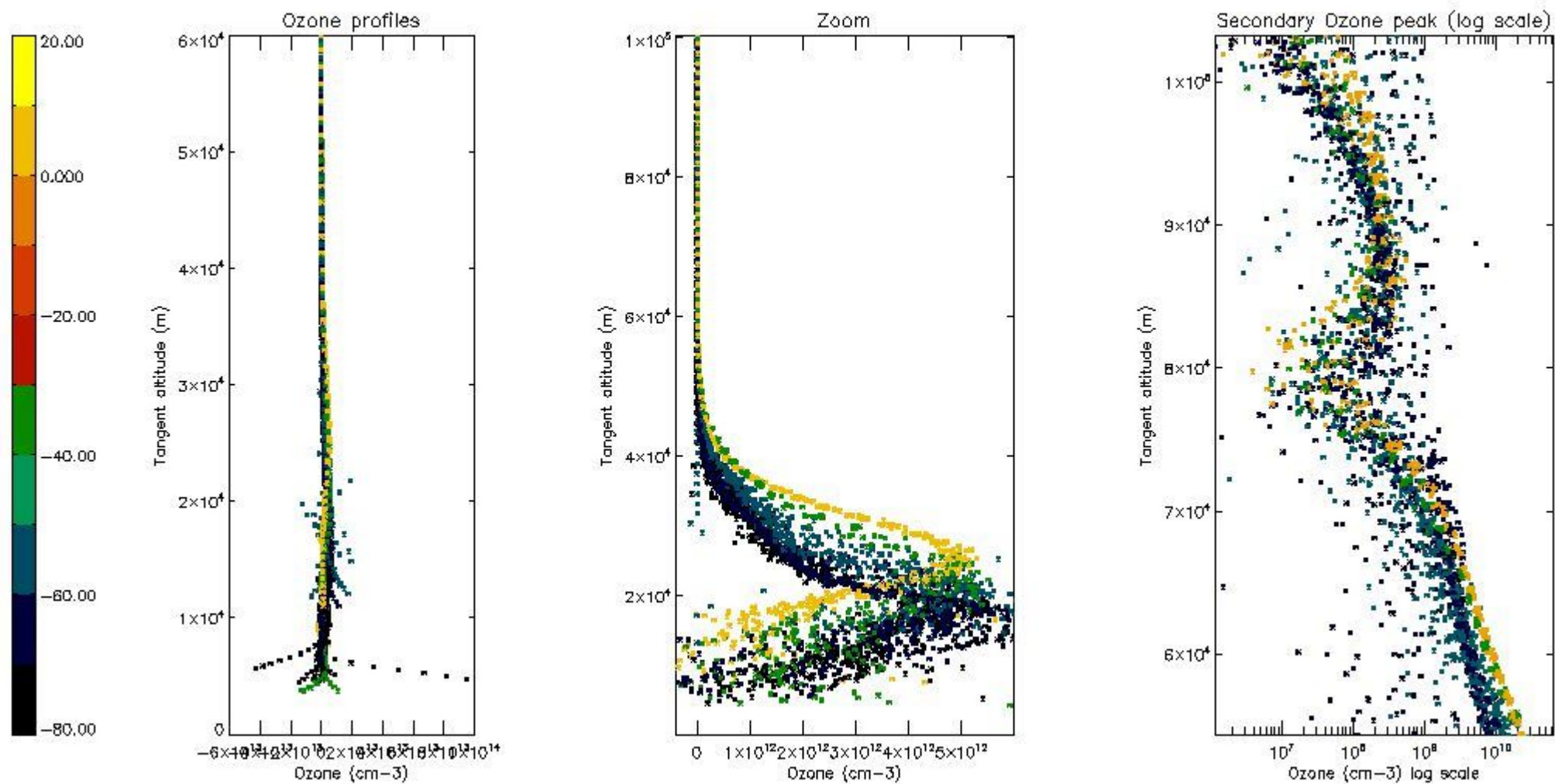
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	42
STD < 20	24

STD < 10	19
STD < 5	15

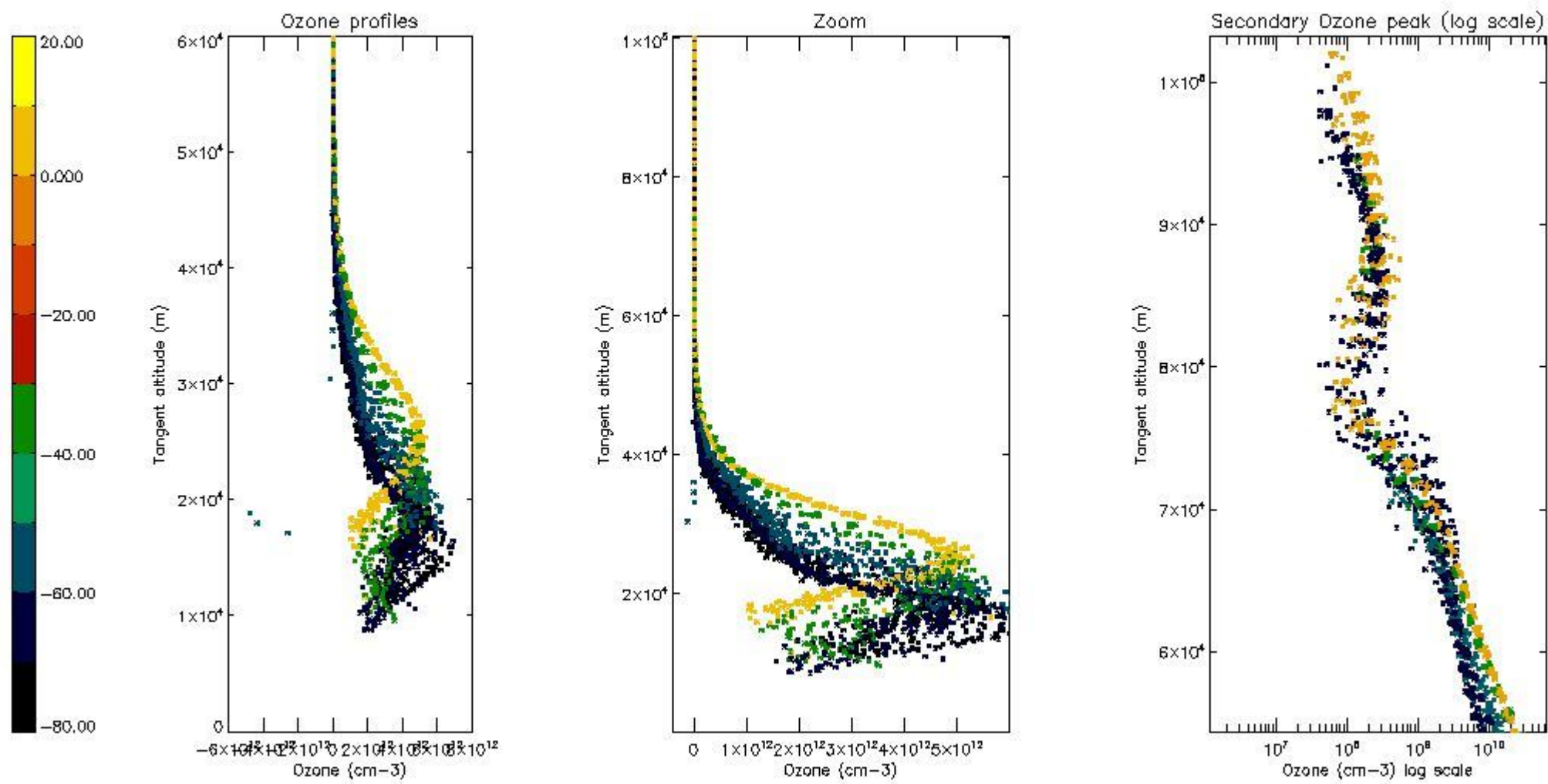
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



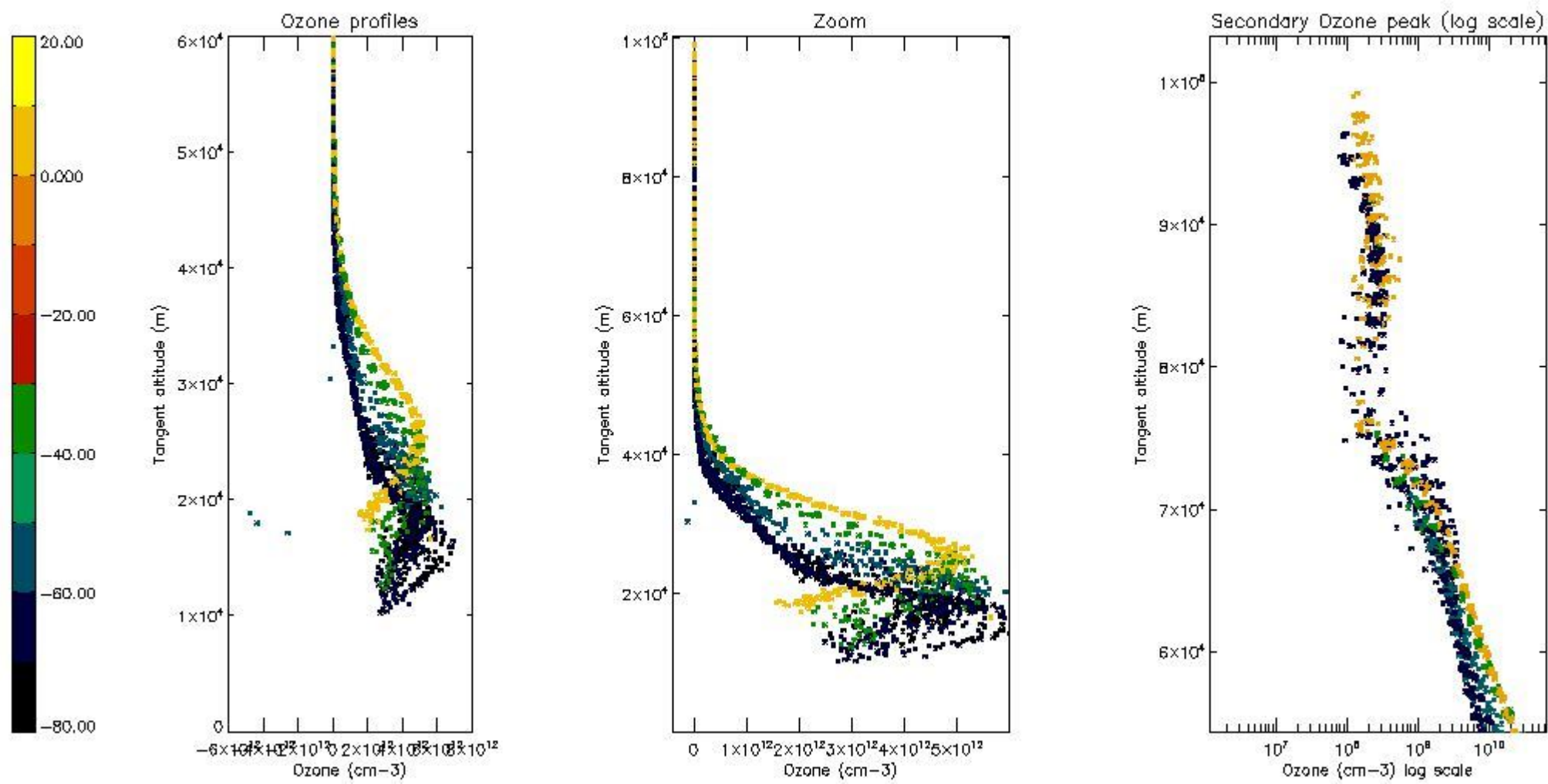
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



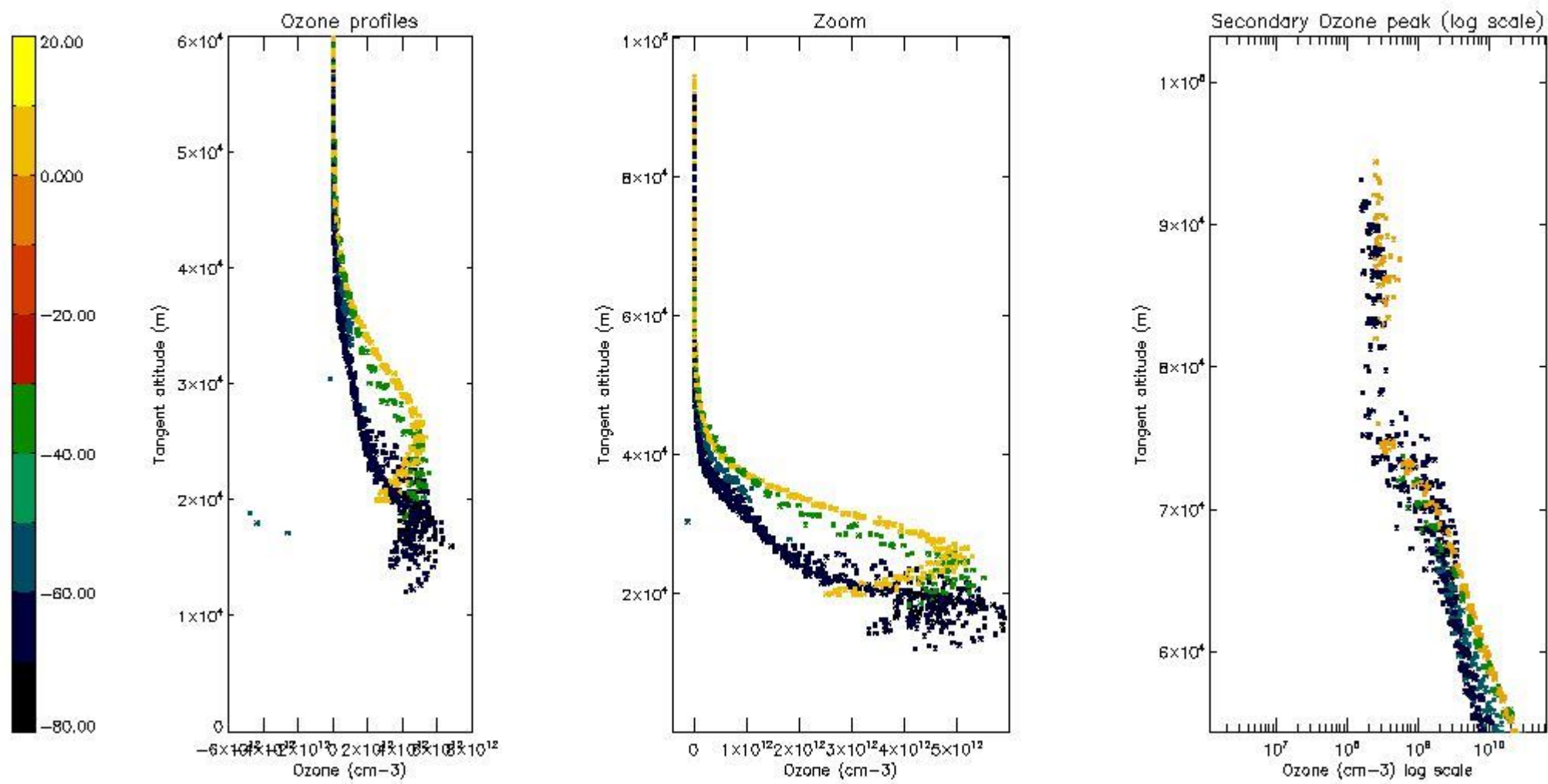
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



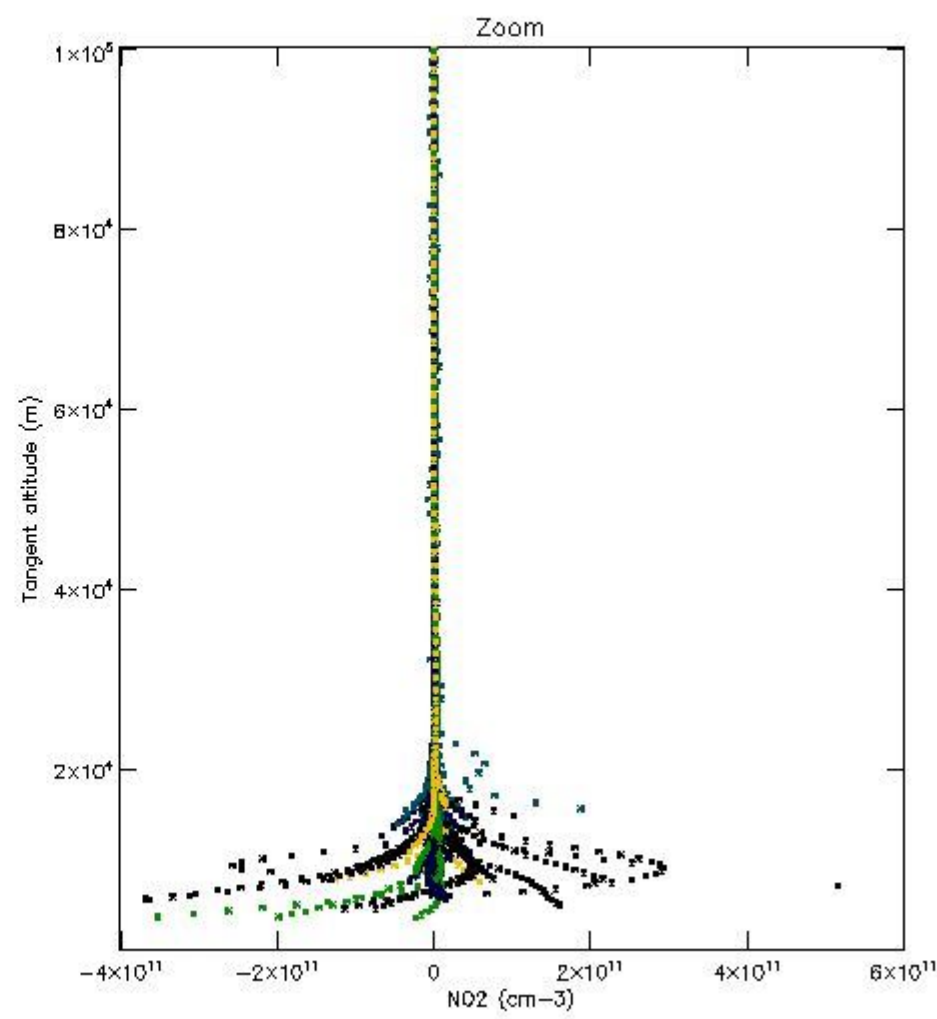
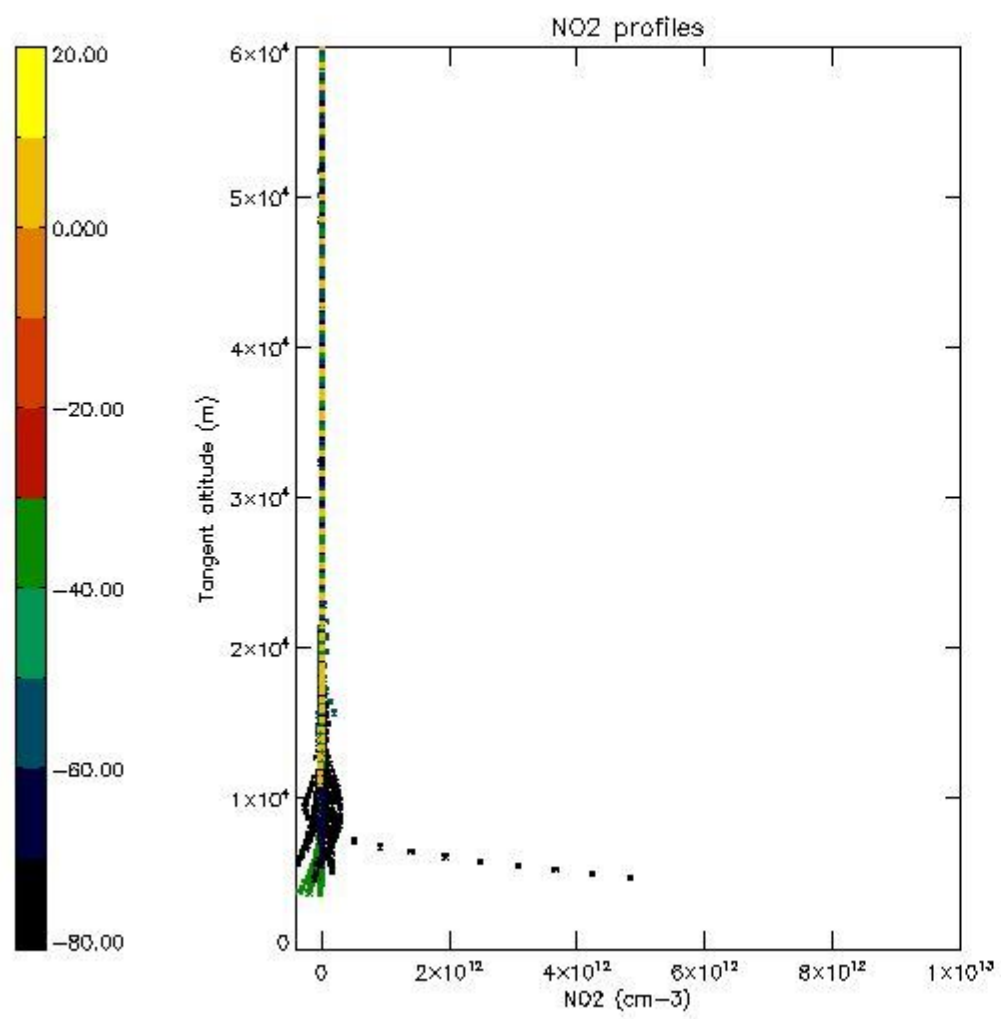
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



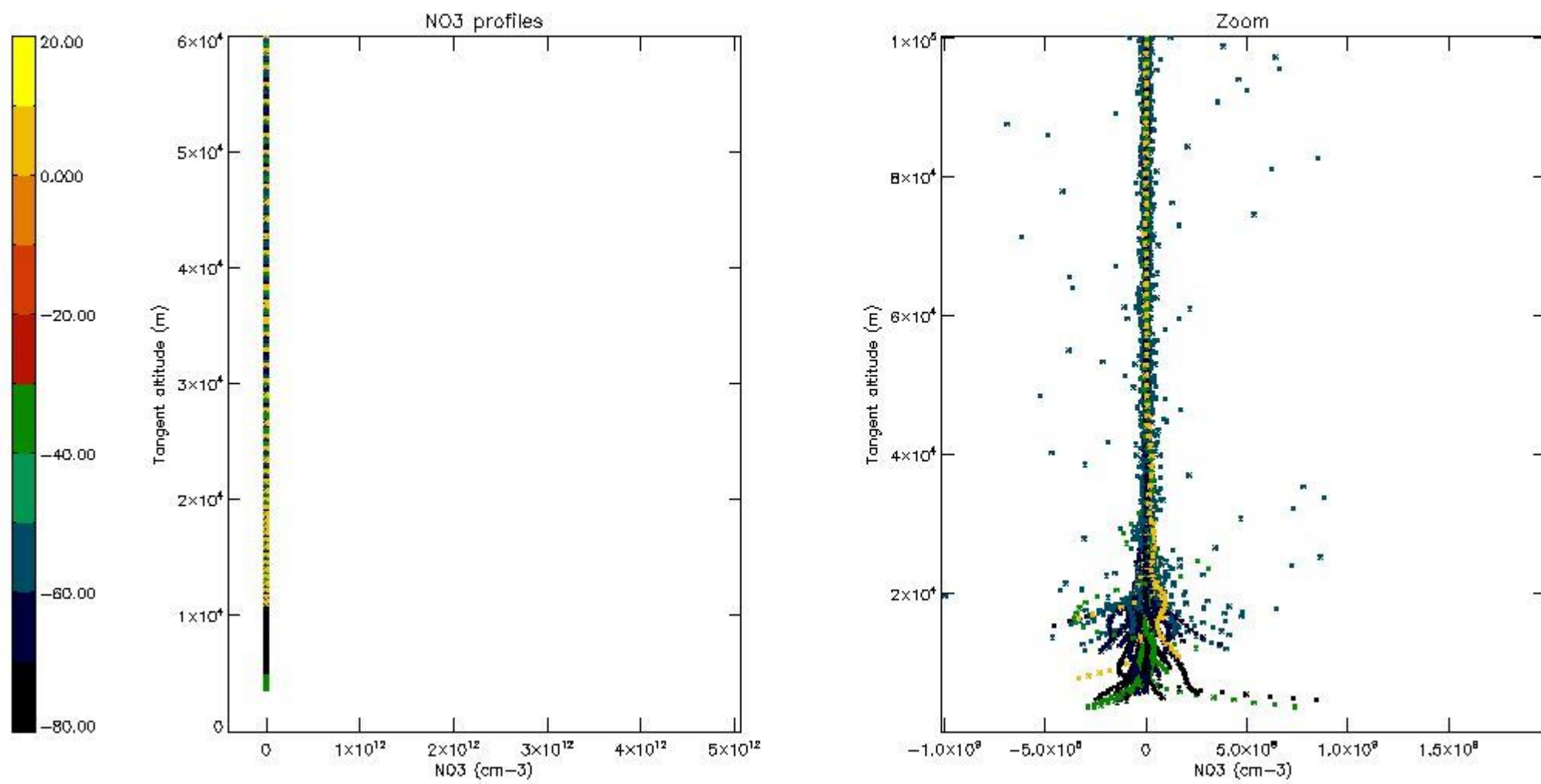
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



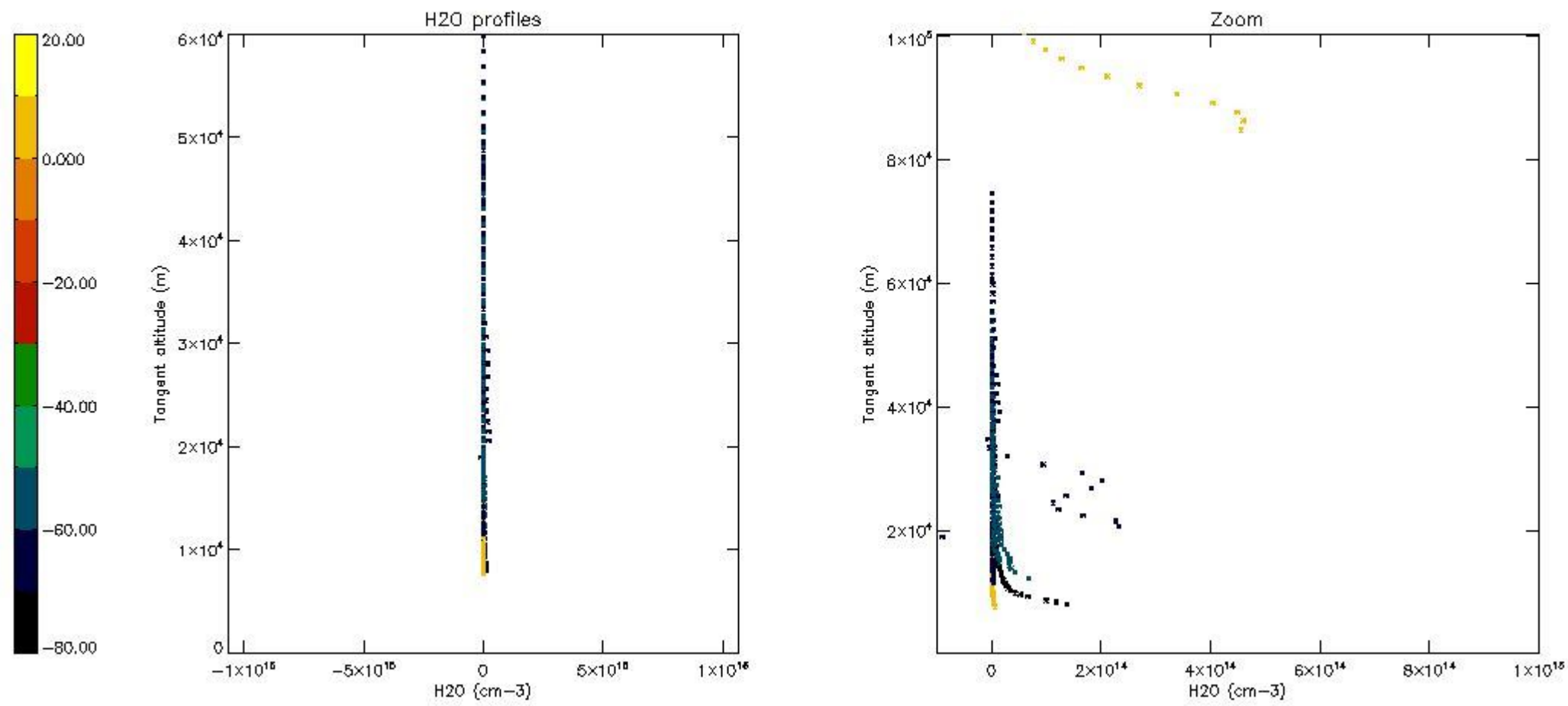
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

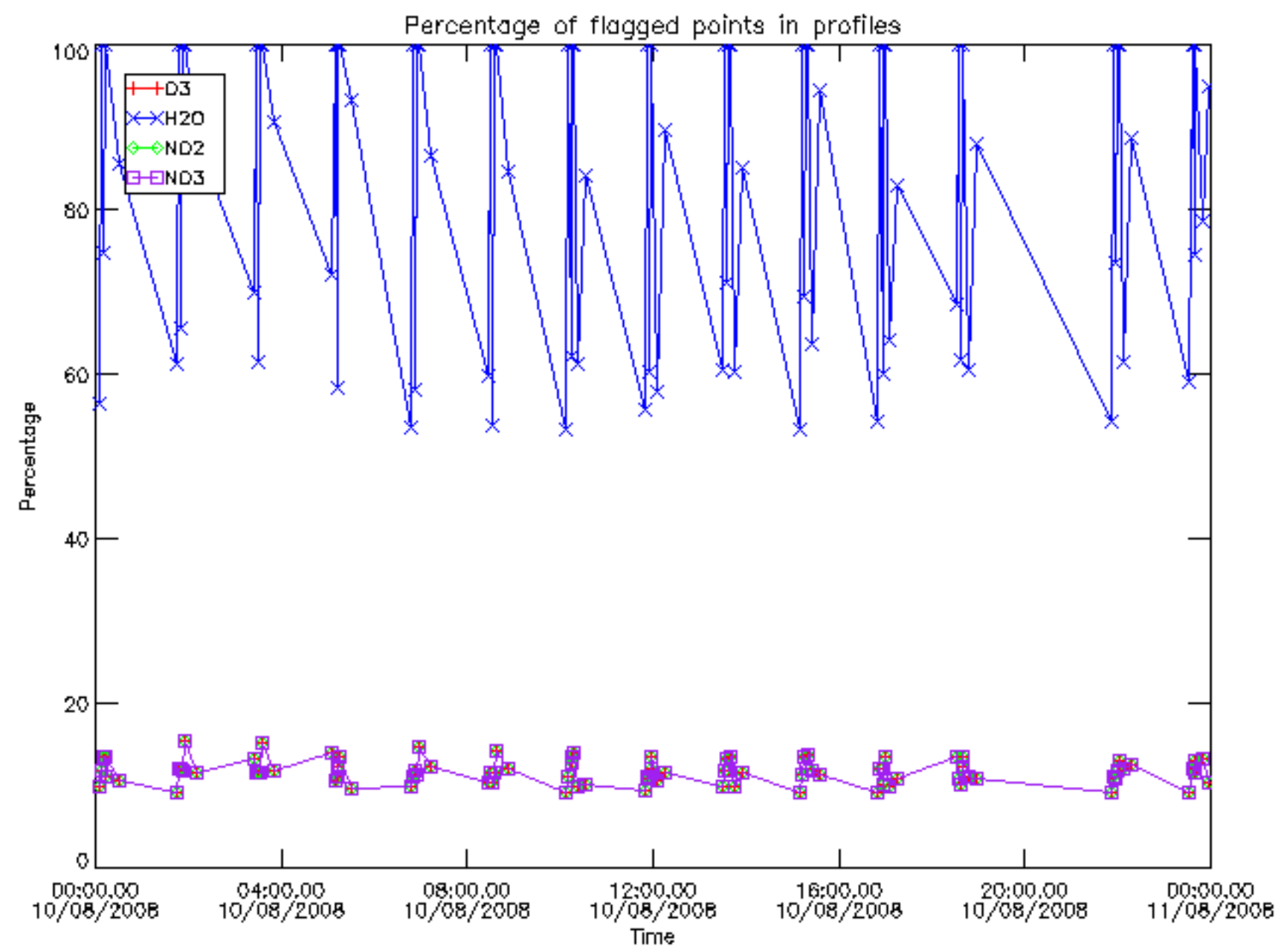
The colorbar represents the latitude.



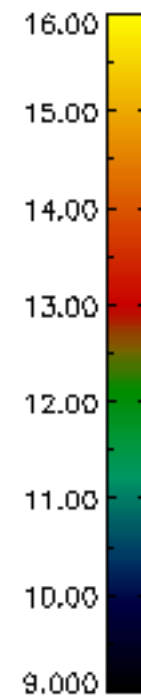
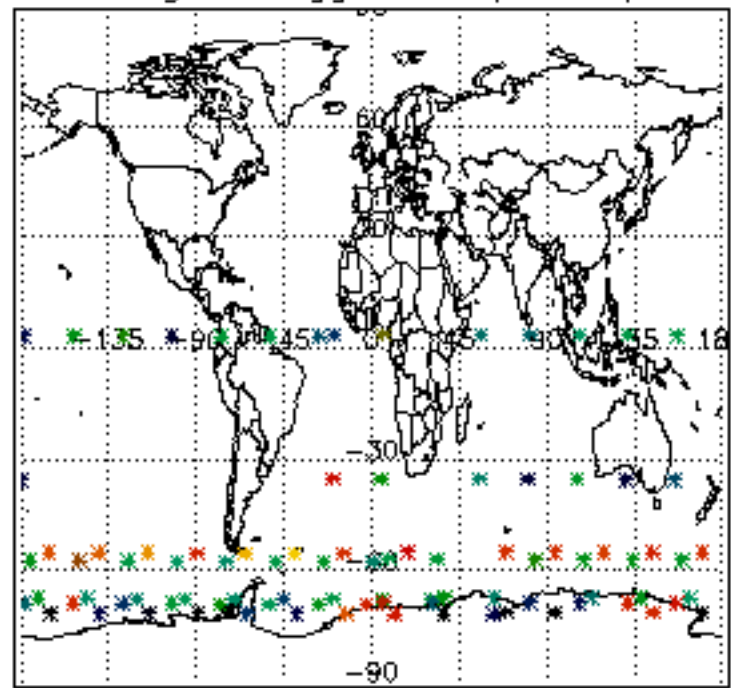
6. Auxiliary Data Files used for the production reported in section 2

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.

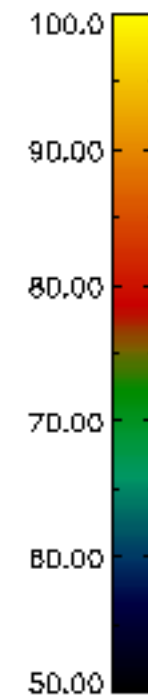
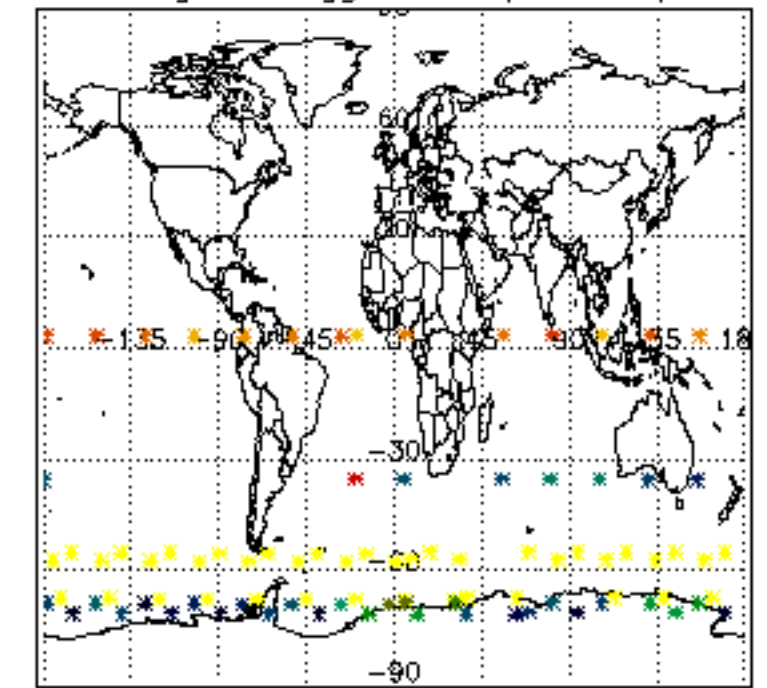
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	10-AUG-2008 00:04:17
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	10-AUG-2008 00:04:17
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	10-AUG-2008 00:04:17



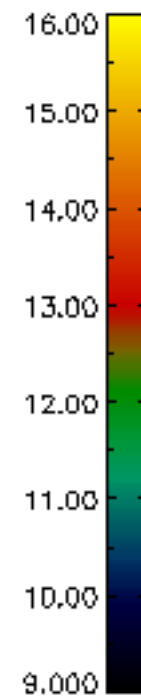
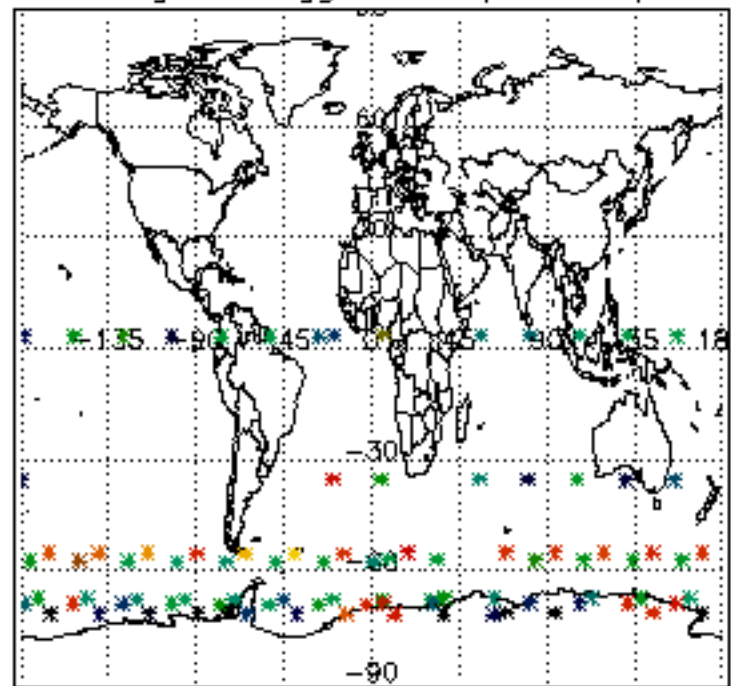
Percentage of flagged data per D3 profile



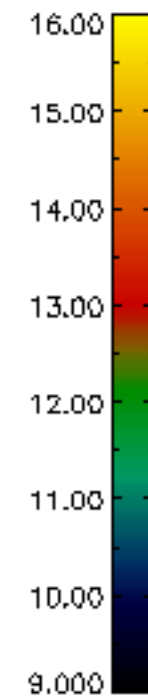
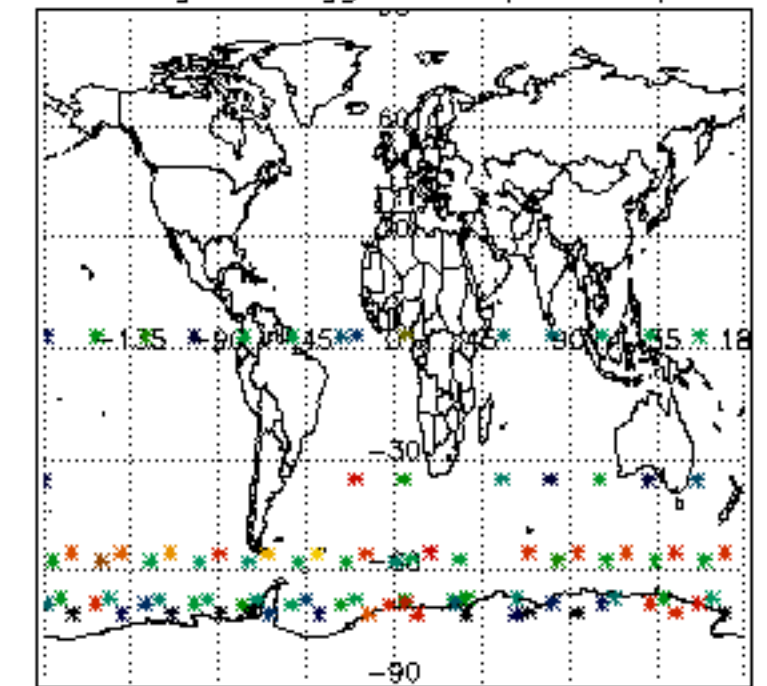
Percentage of flagged data per H2O profile

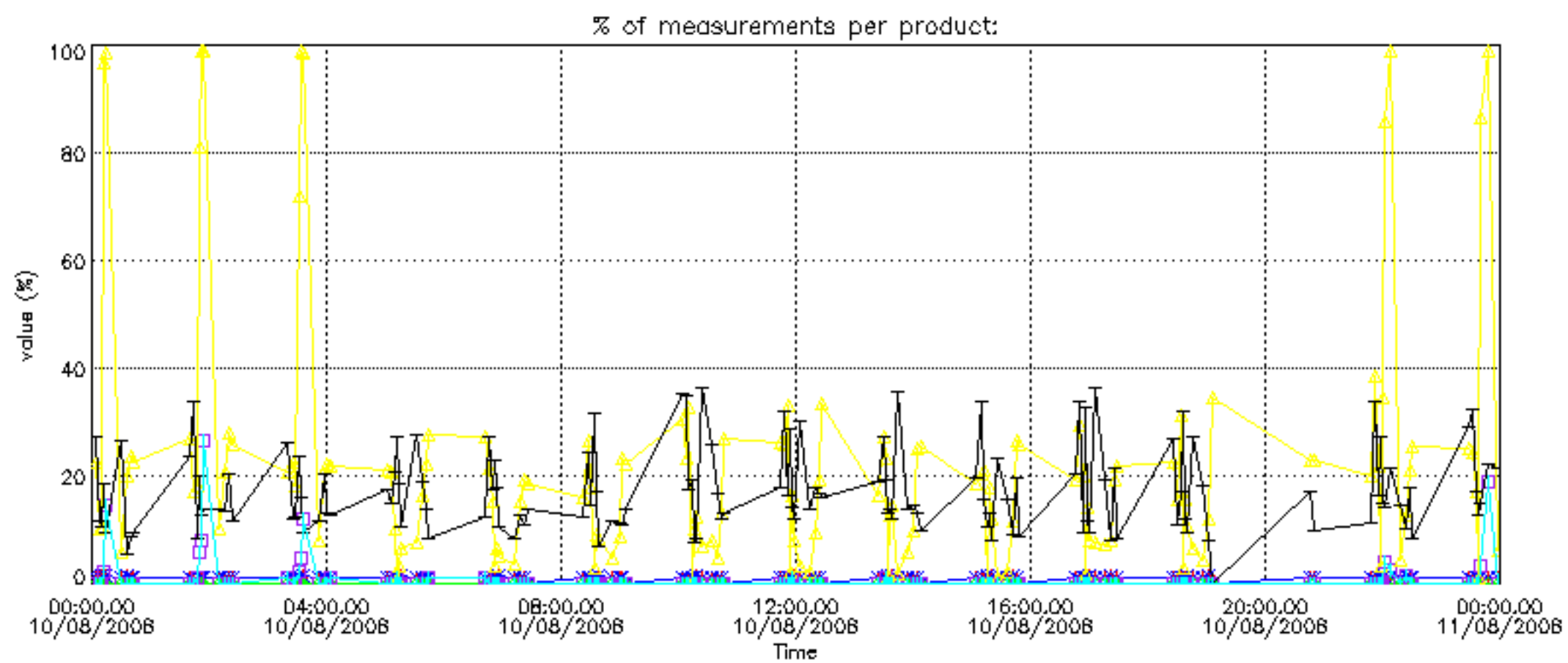
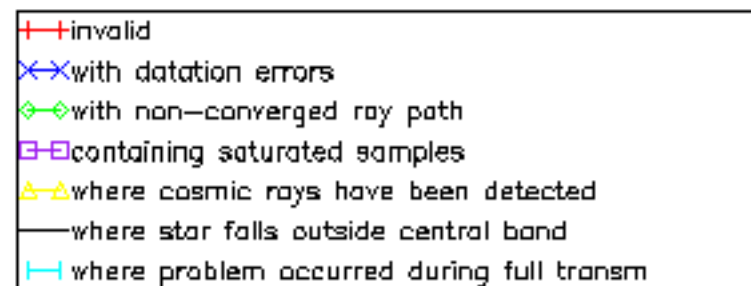


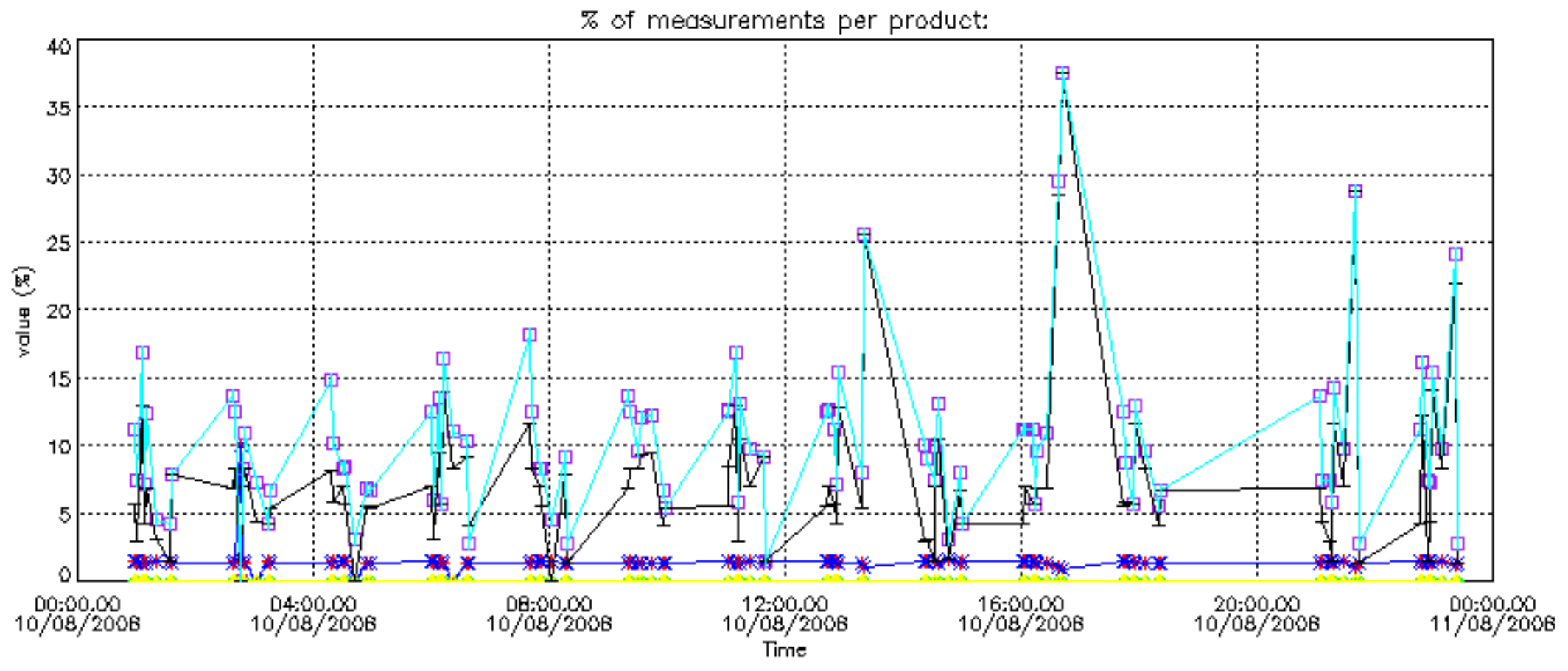
Percentage of flagged data per NO2 profile



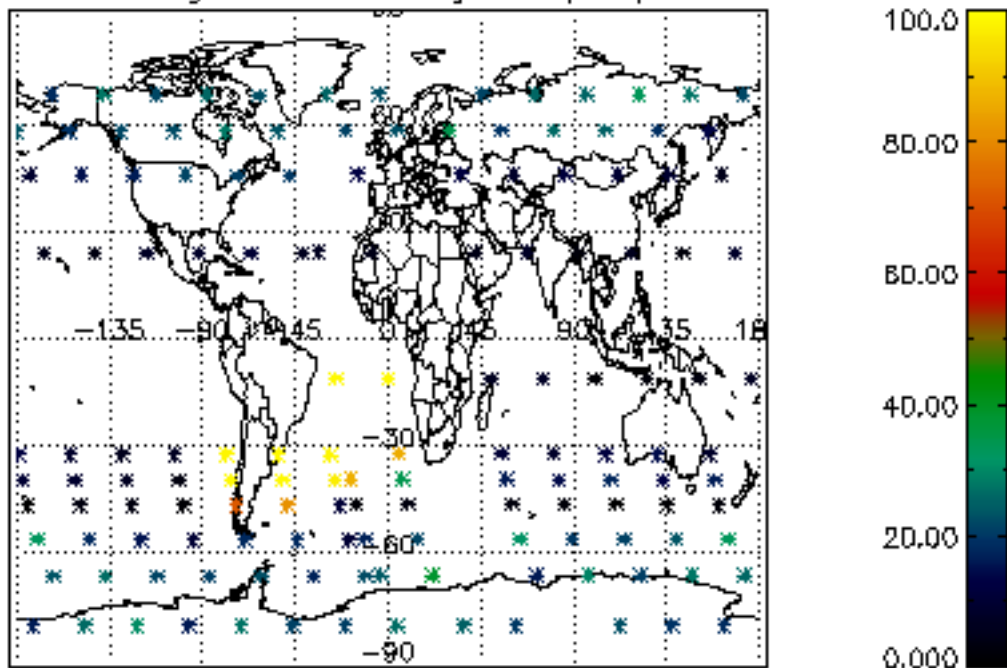
Percentage of flagged data per NO3 profile



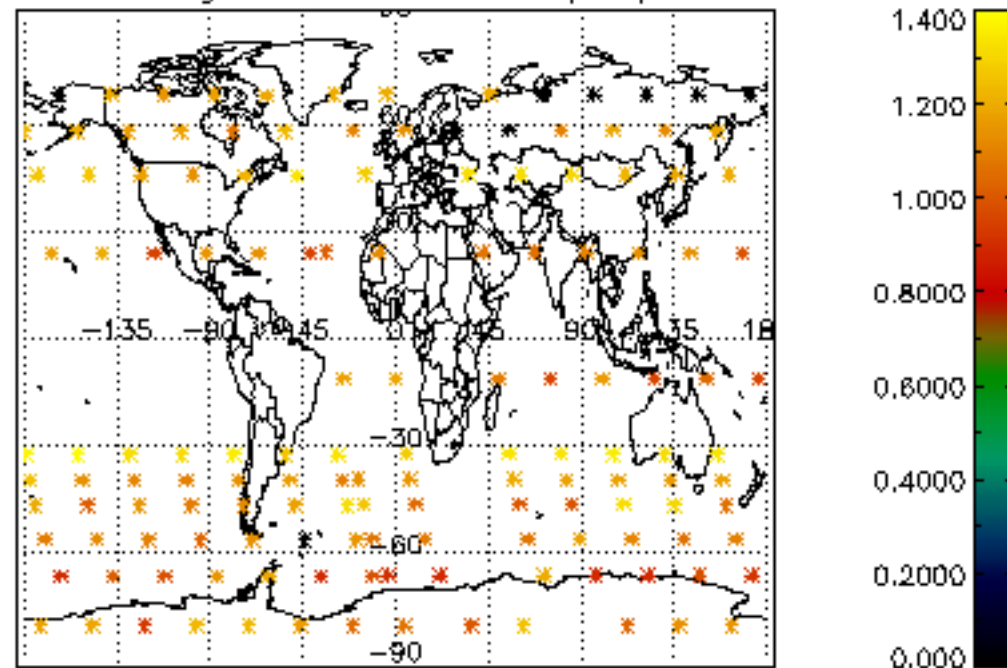




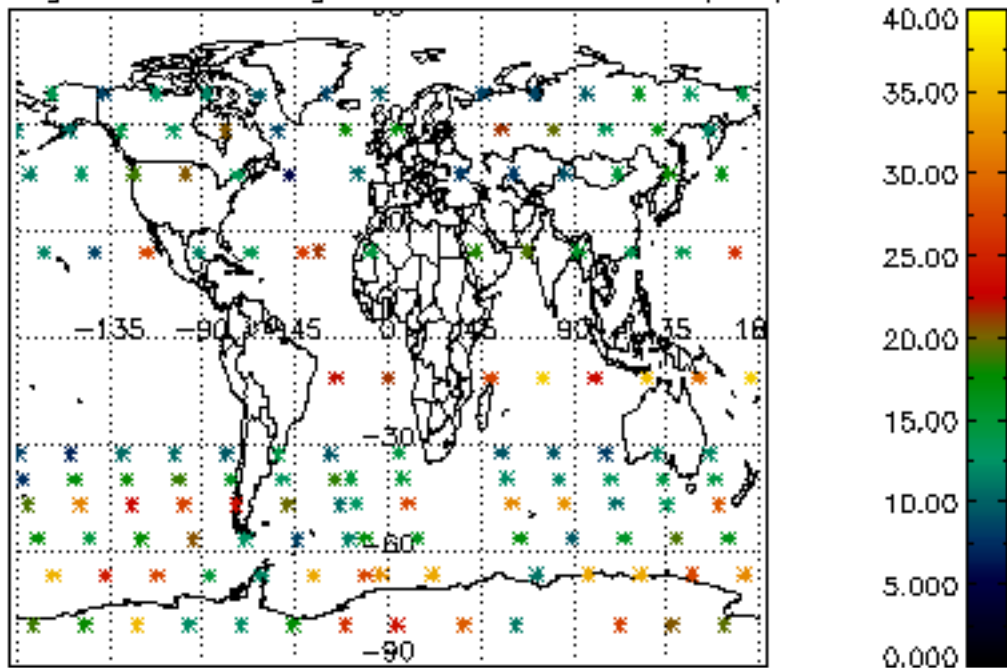
Percentage of cosmic ray hits per profile



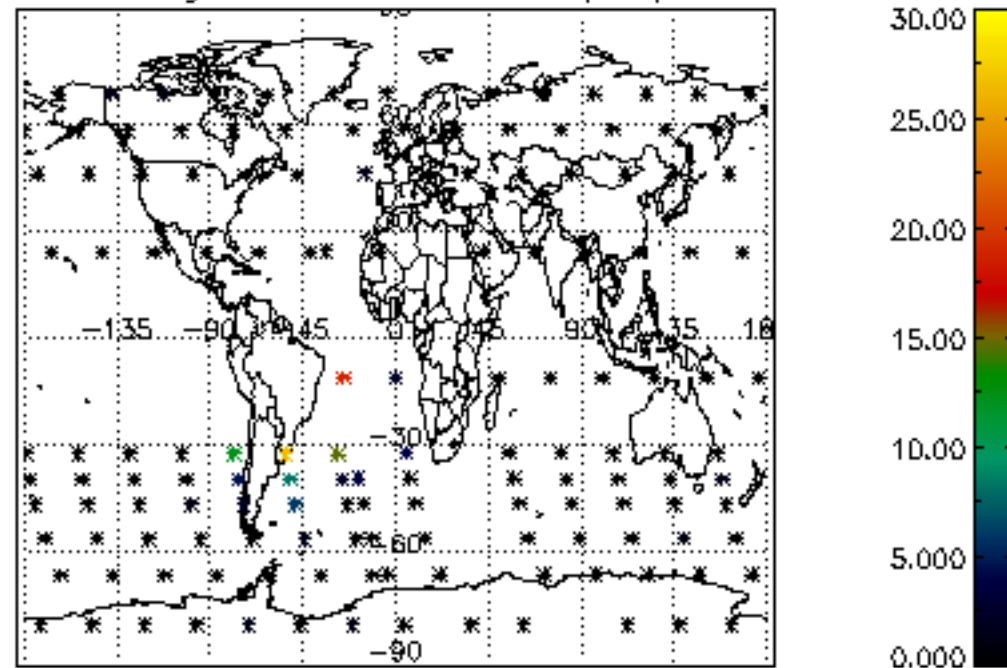
Percentage of datation errors per profile



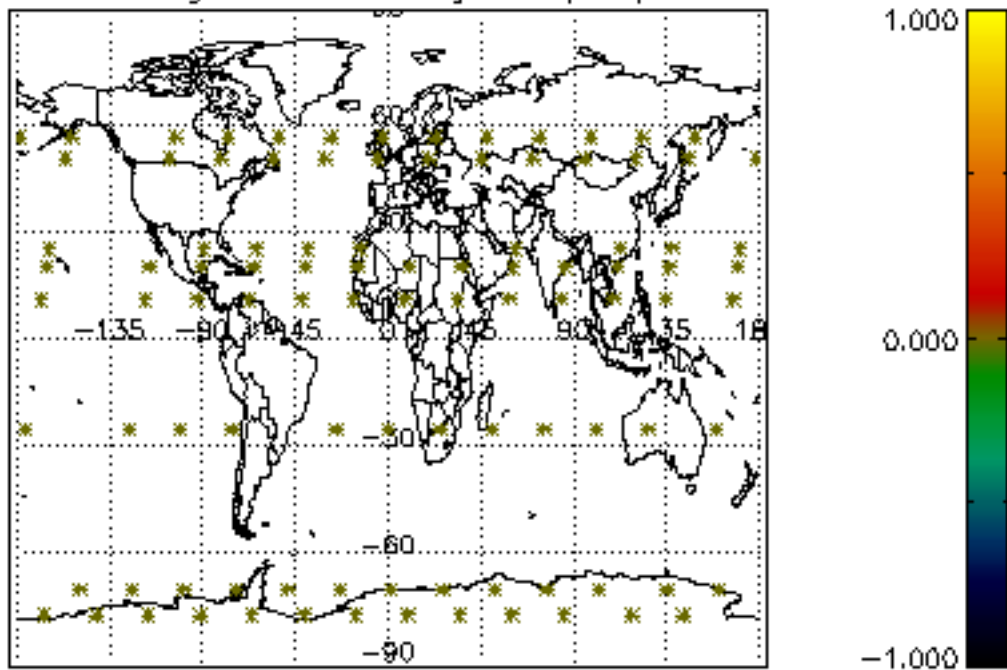
Percentage of star falling outside central band per profile



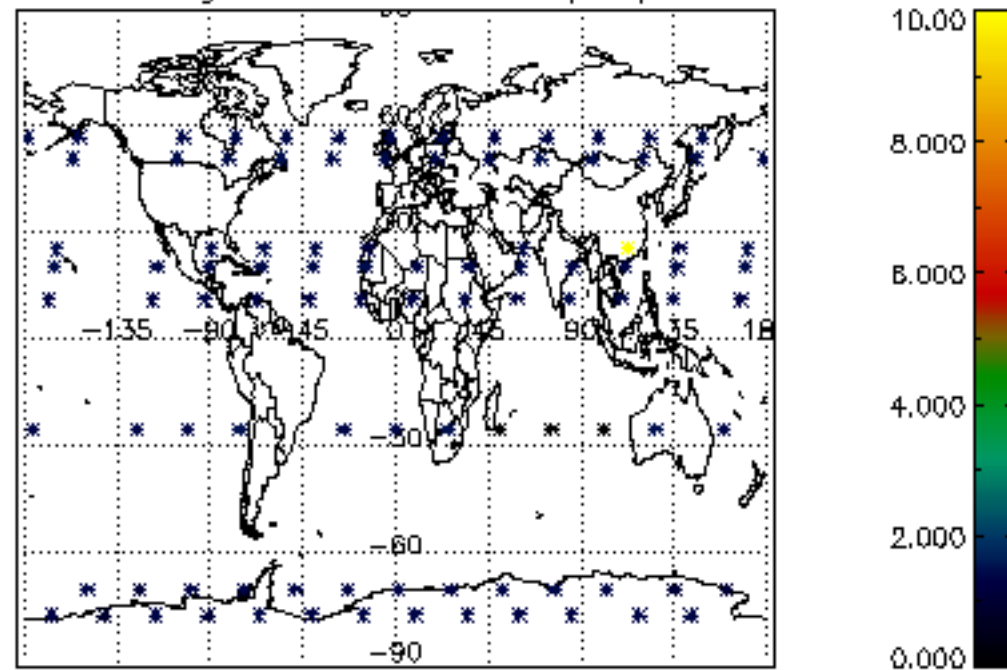
Percentage of saturation errors per profile



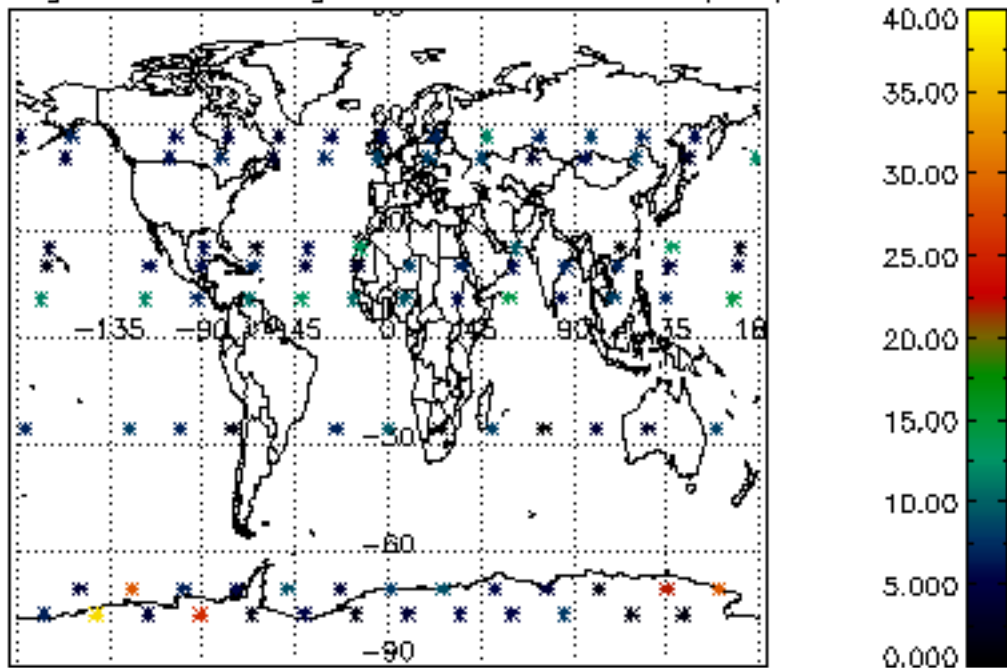
Percentage of cosmic ray hits per profile



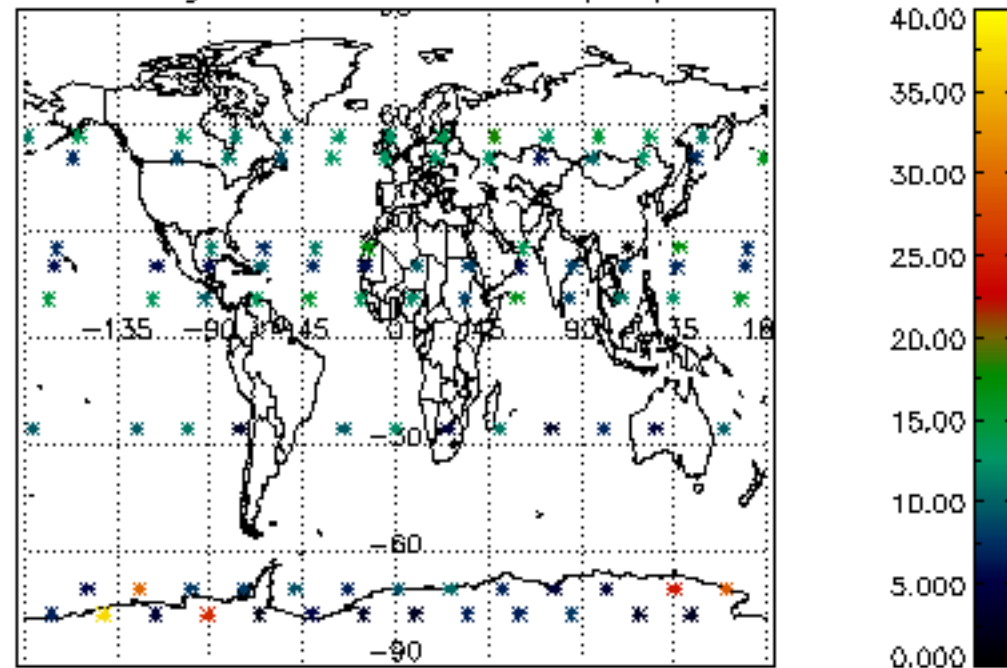
Percentage of datation errors per profile

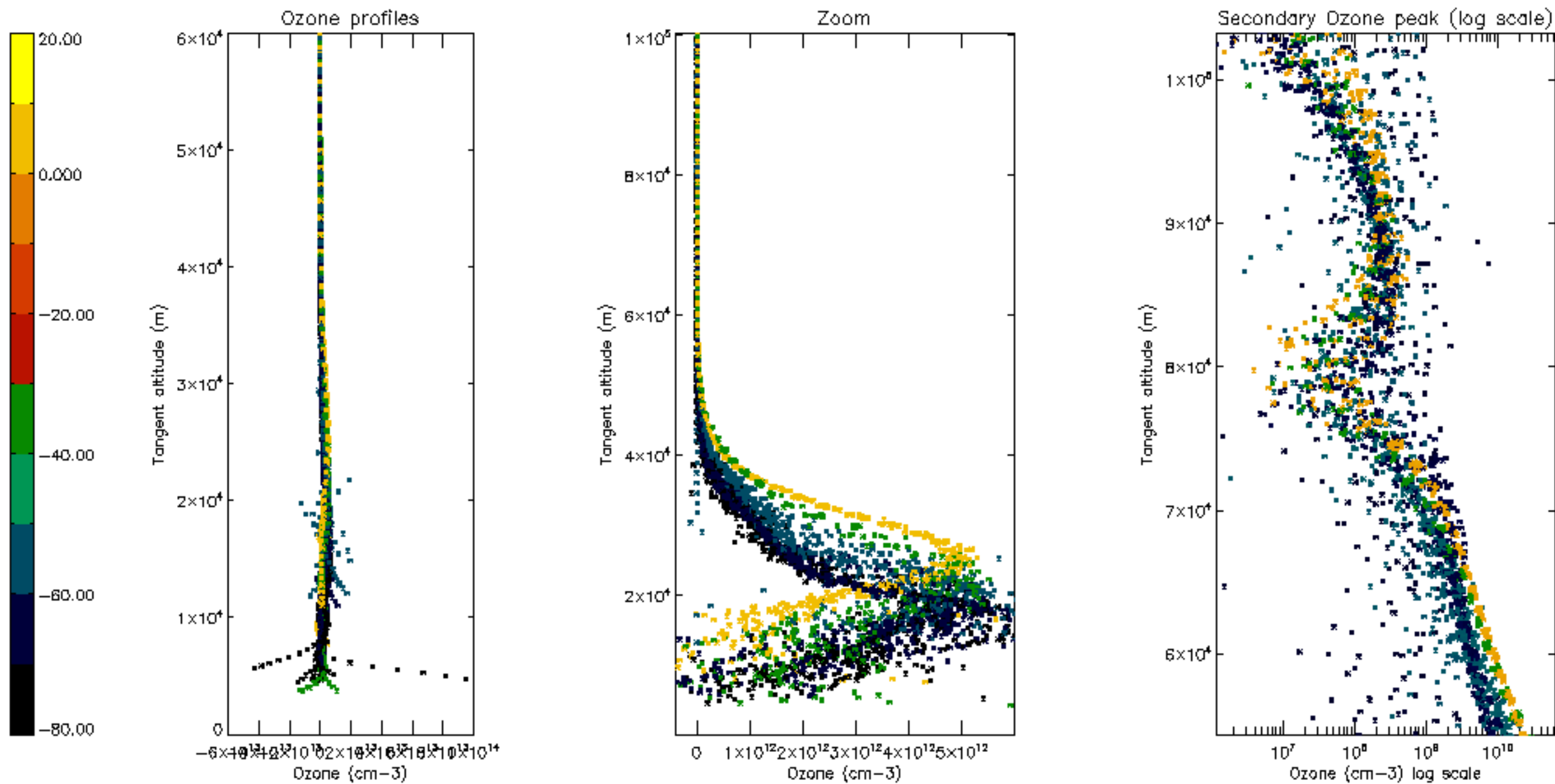


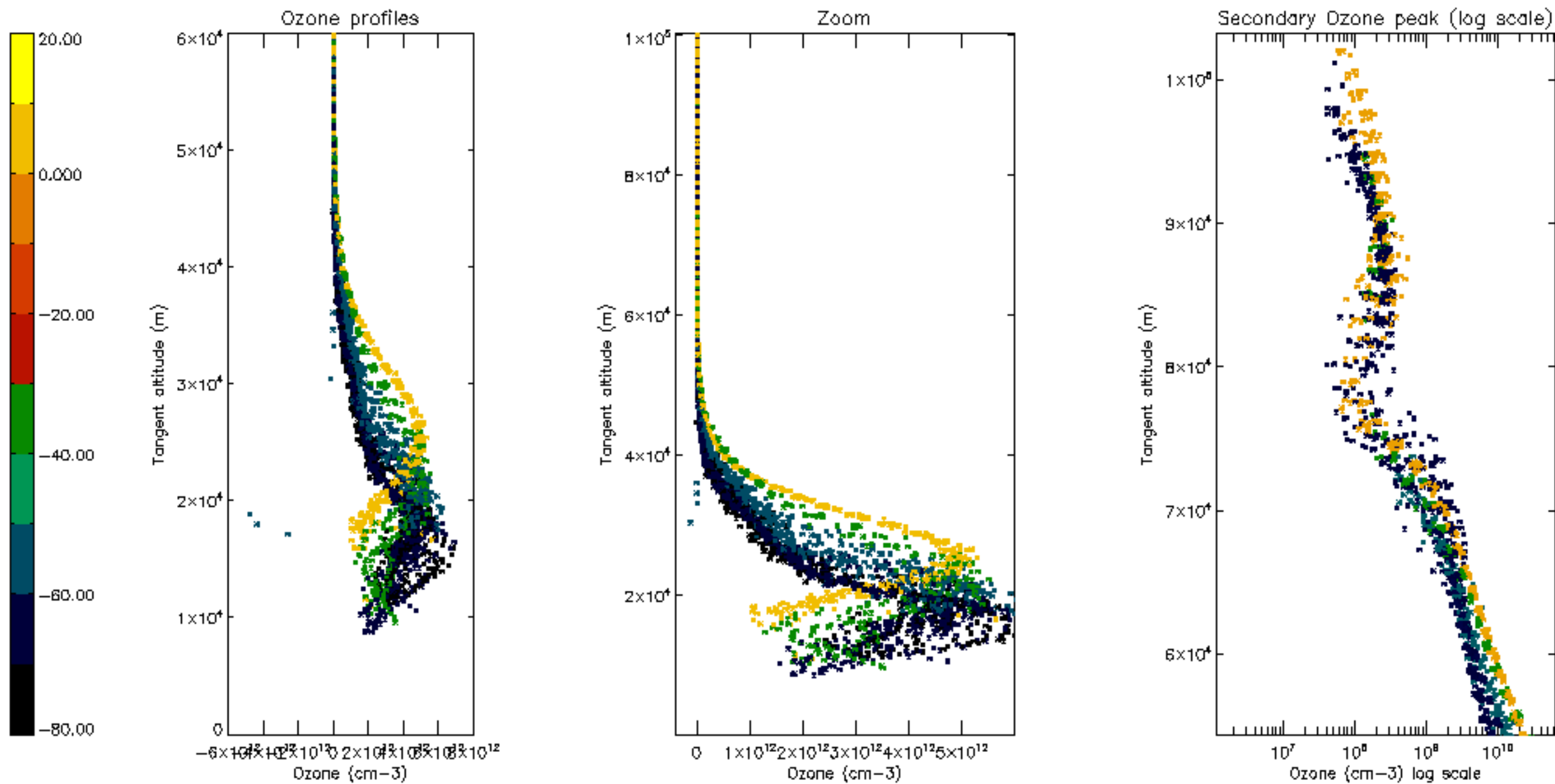
Percentage of star falling outside central band per profile

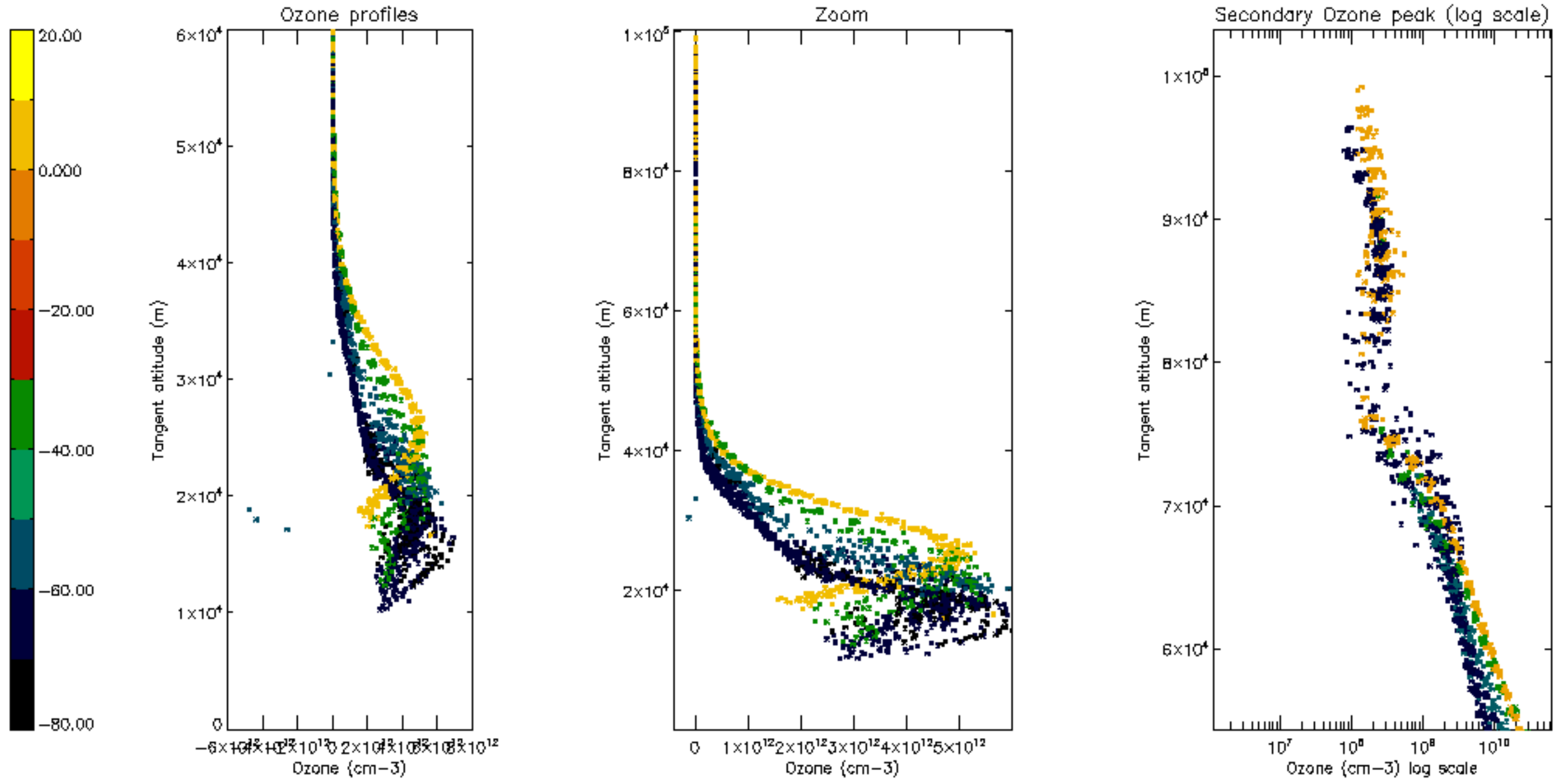


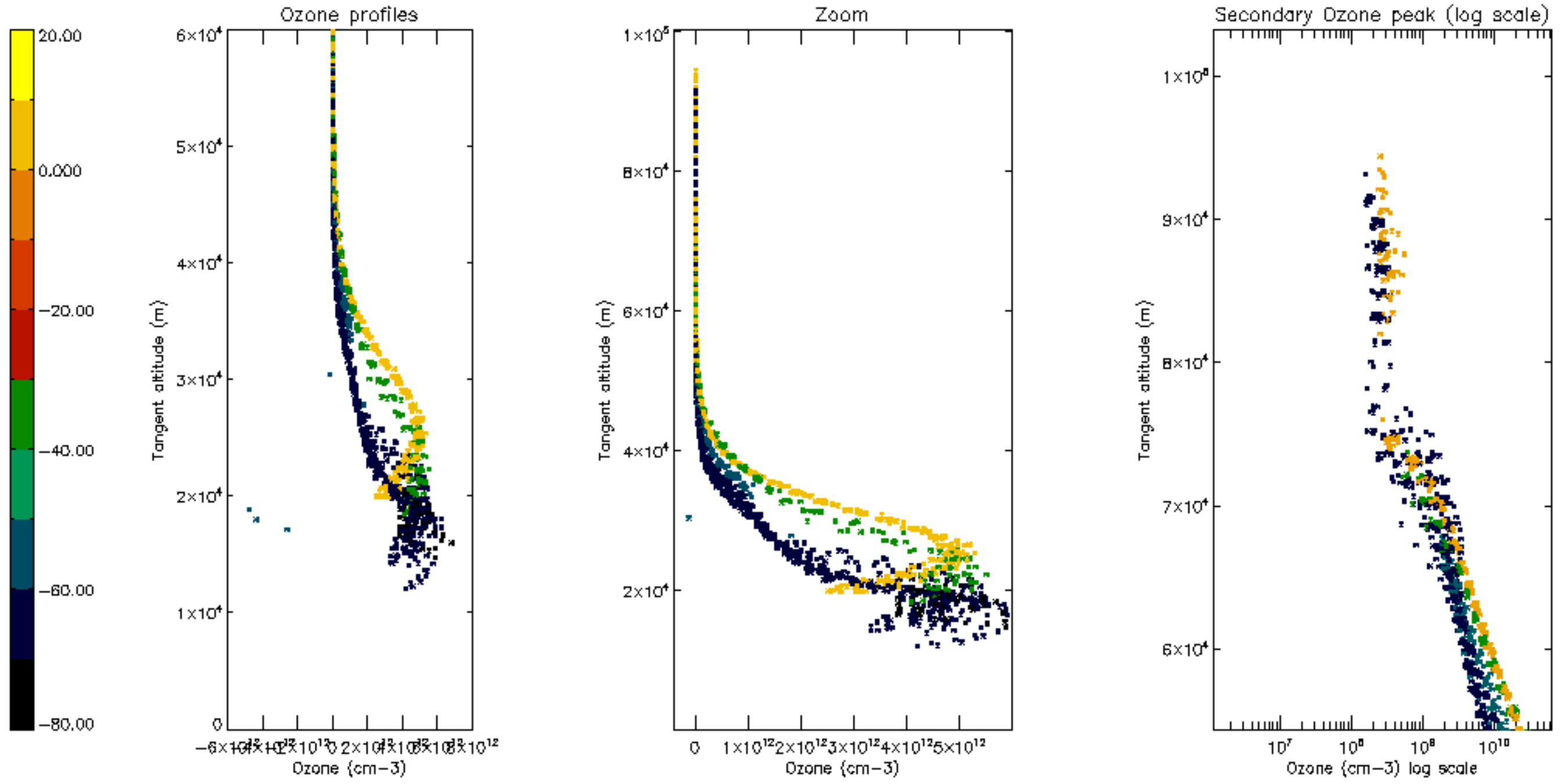
Percentage of saturation errors per profile

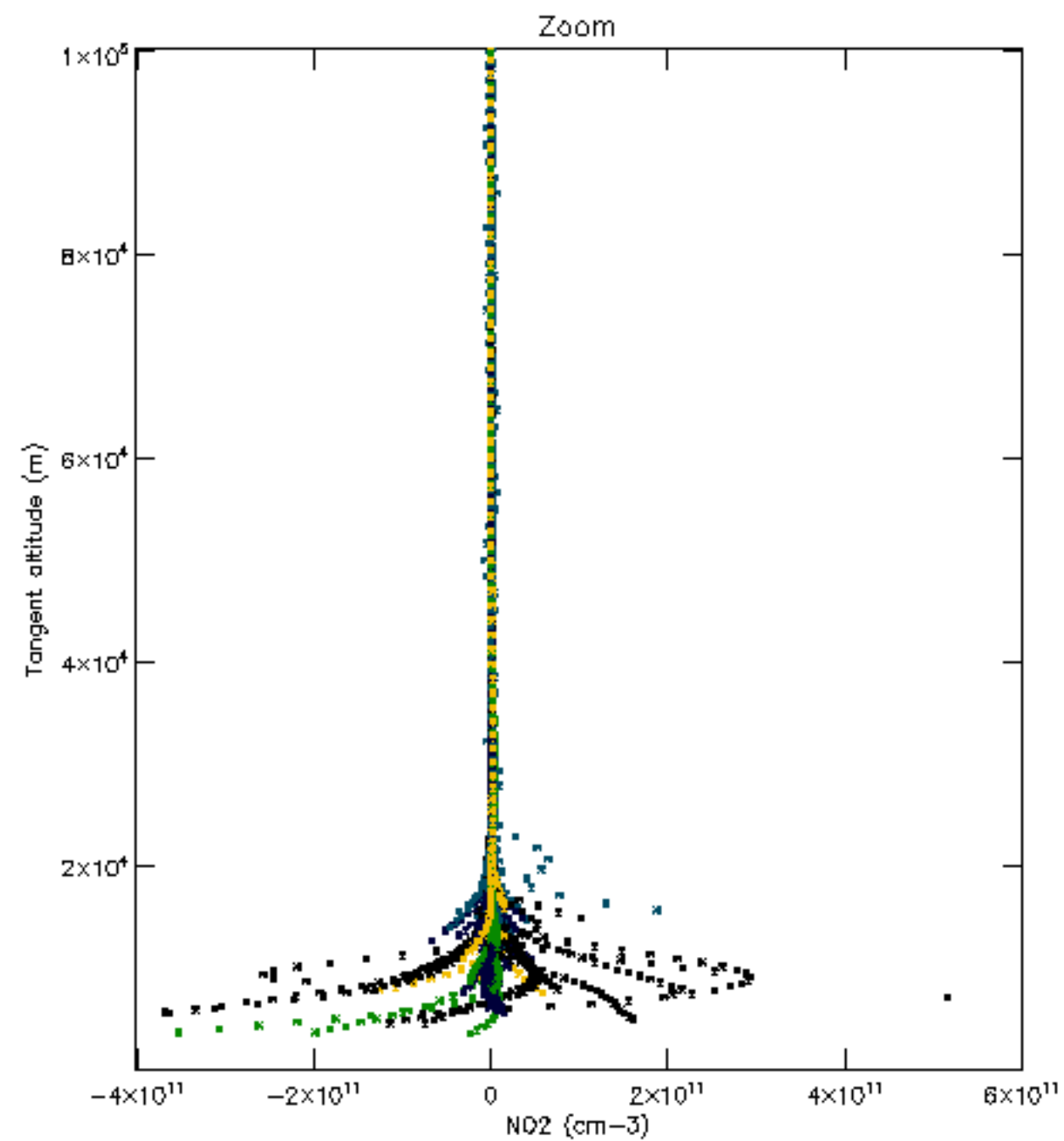
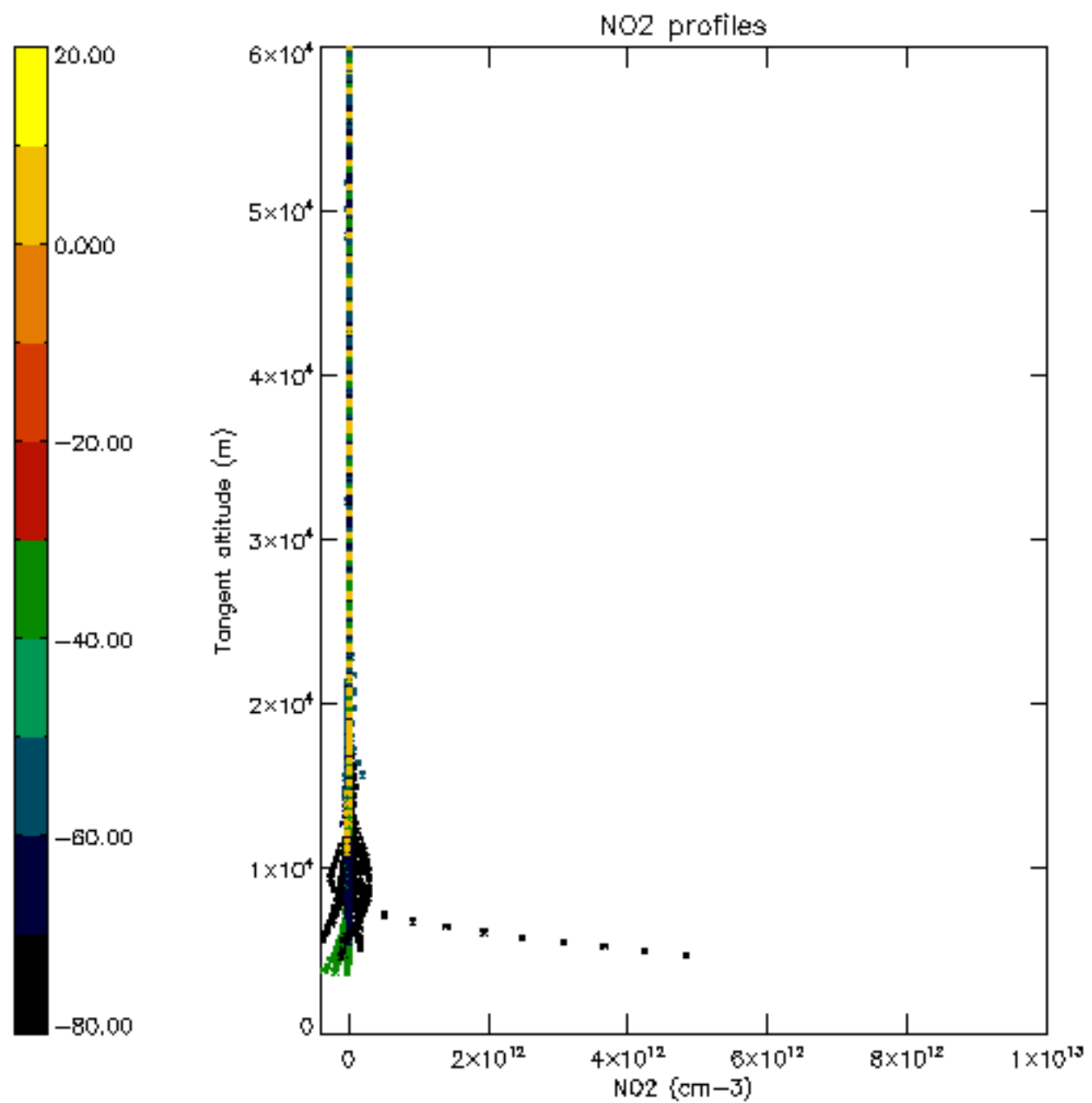


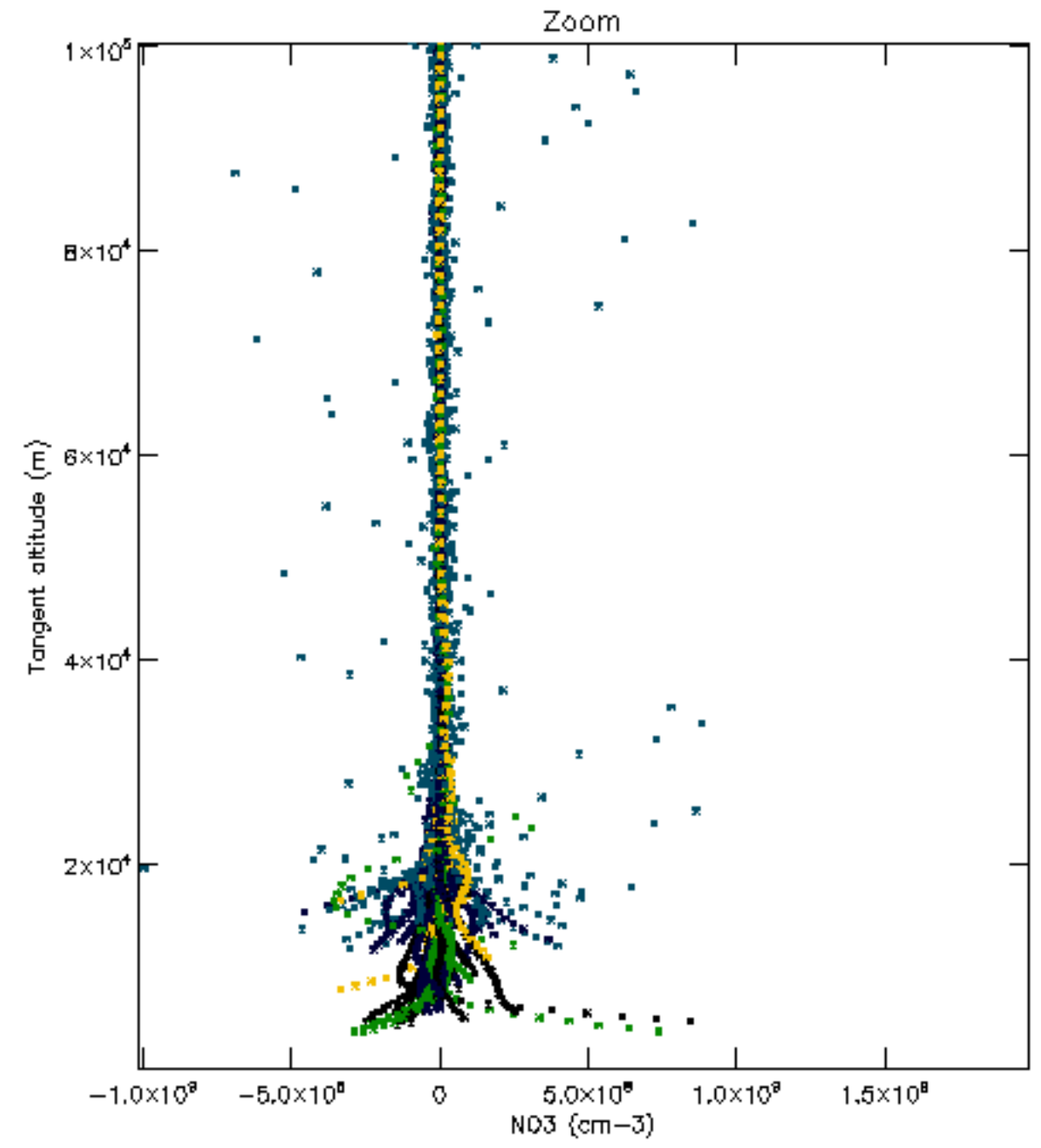
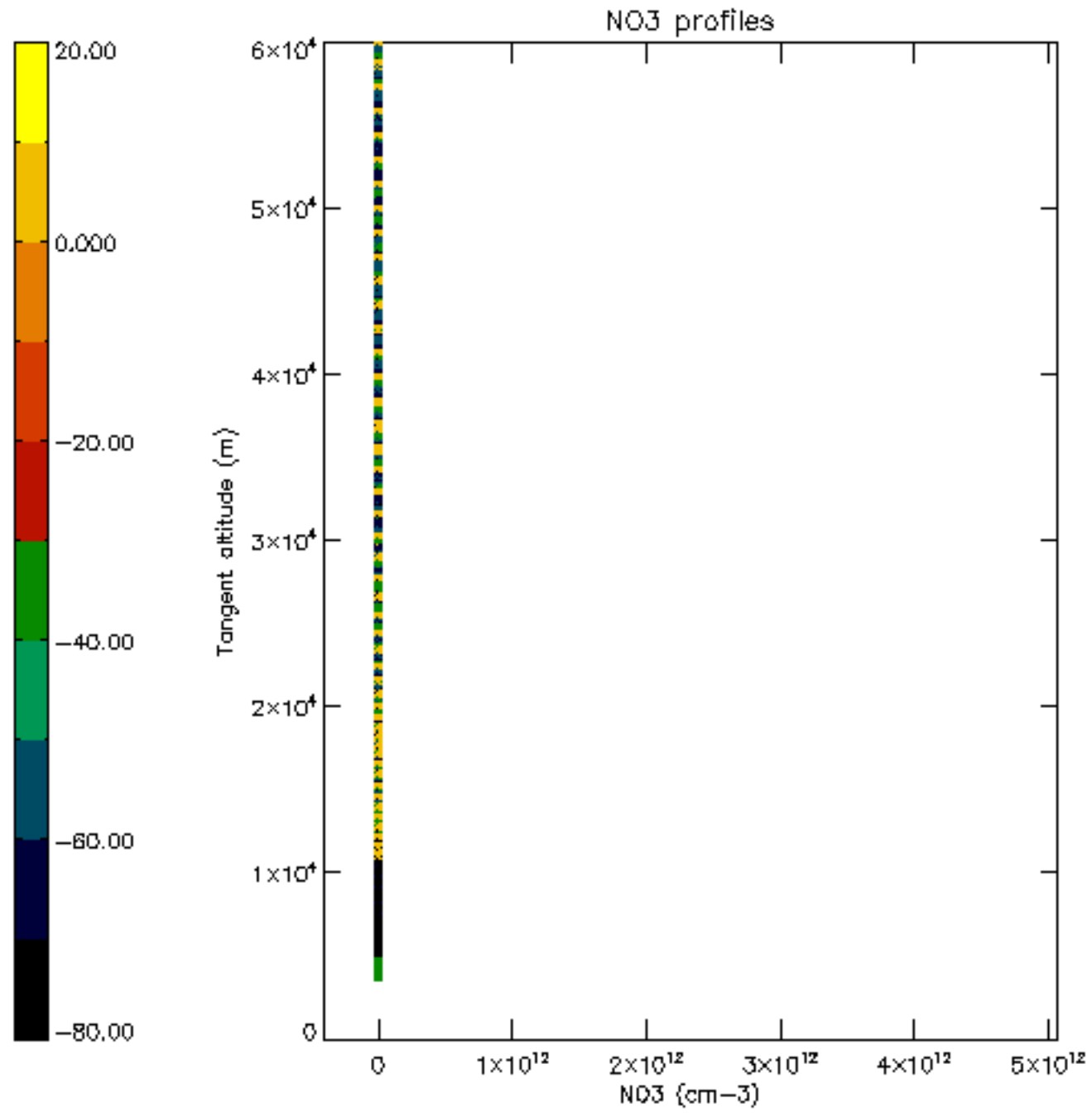


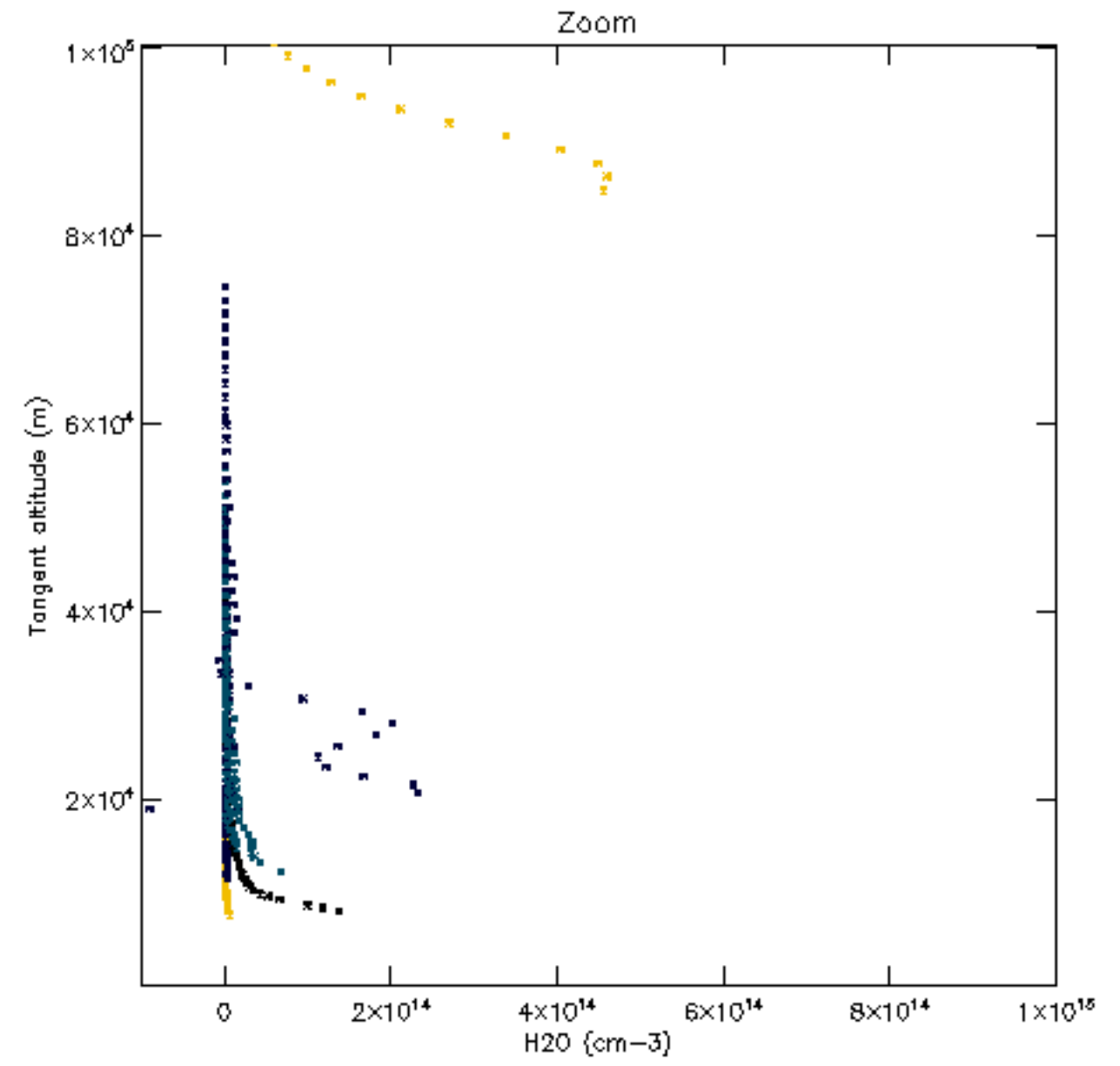
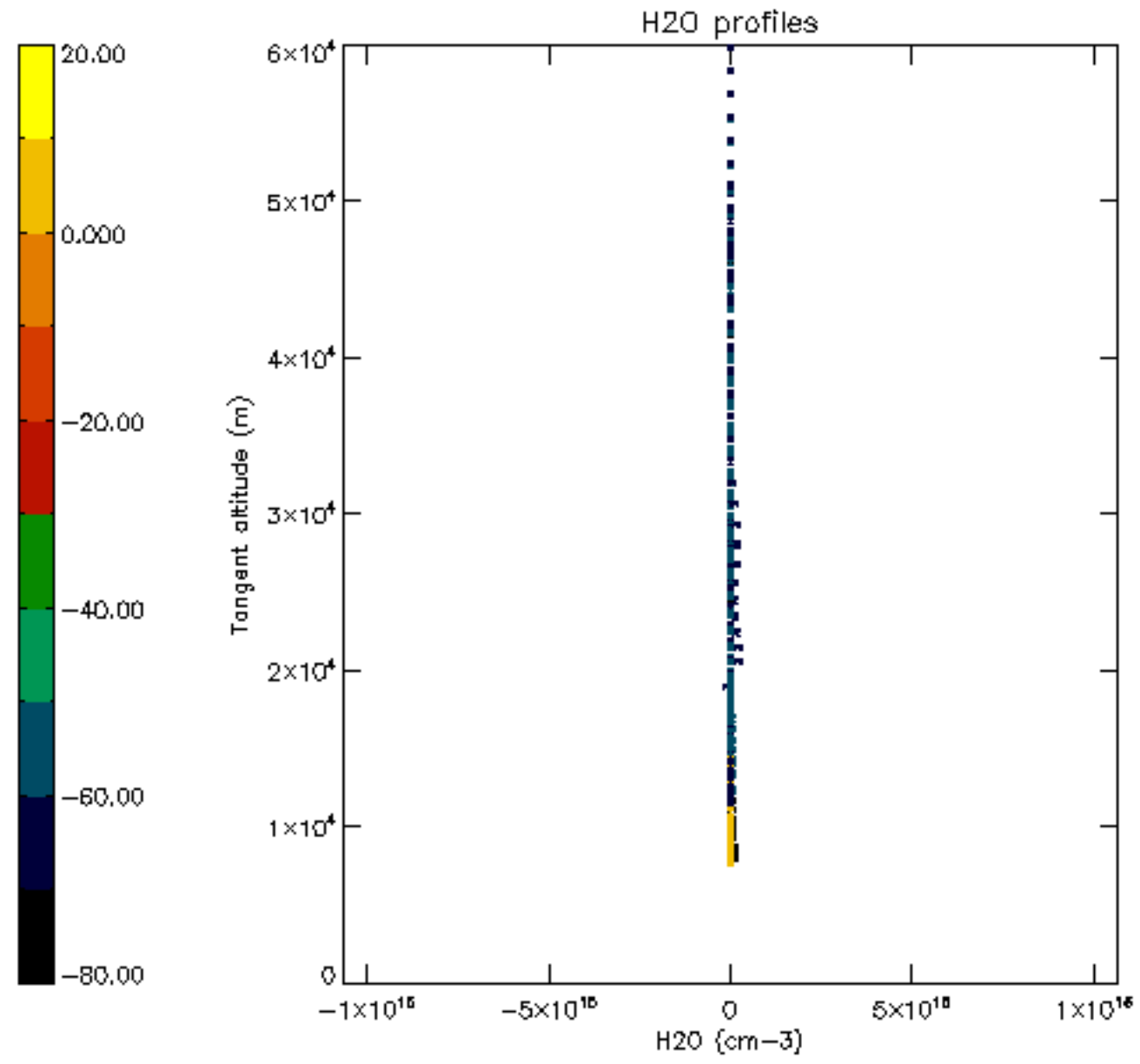


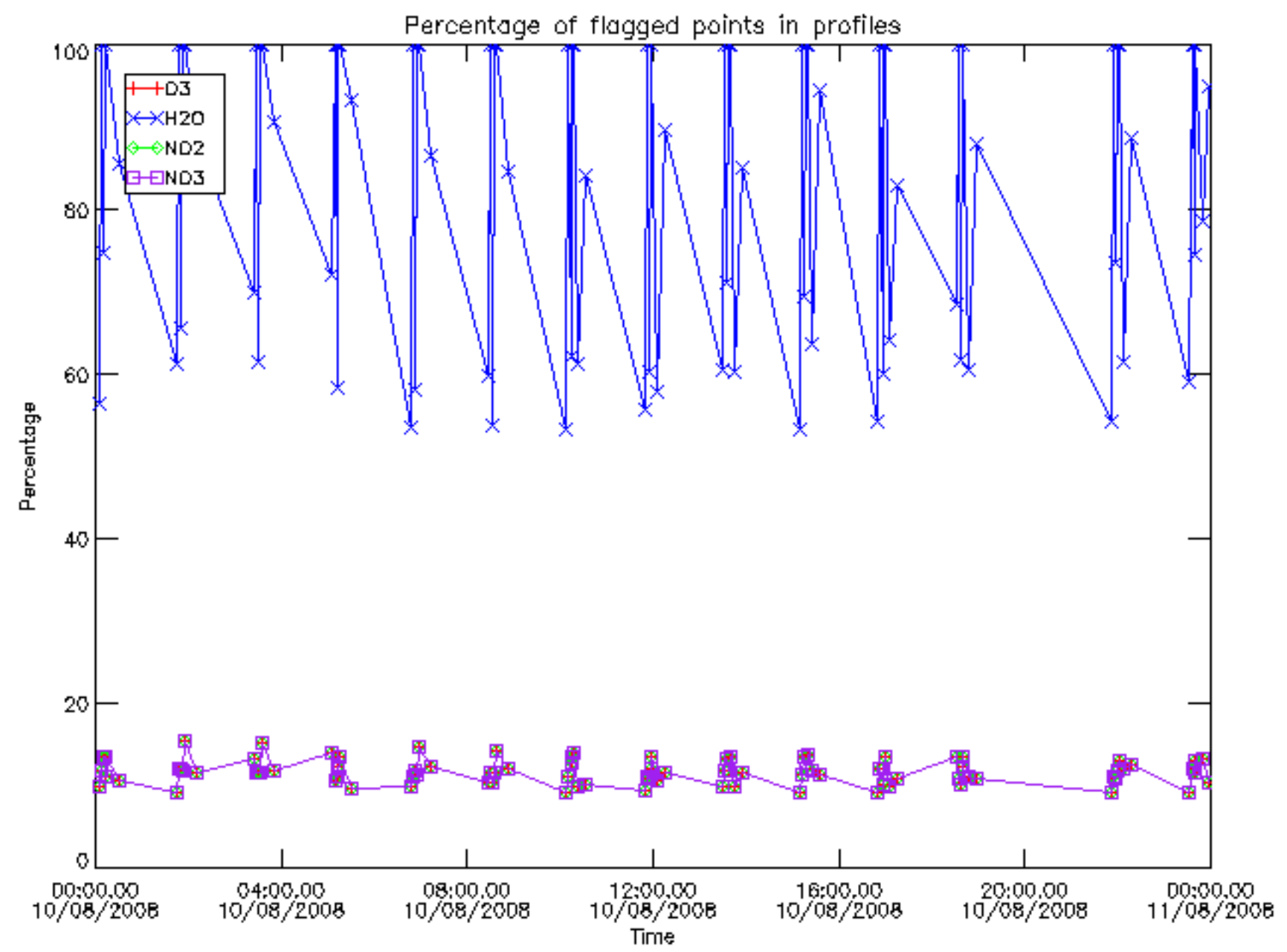




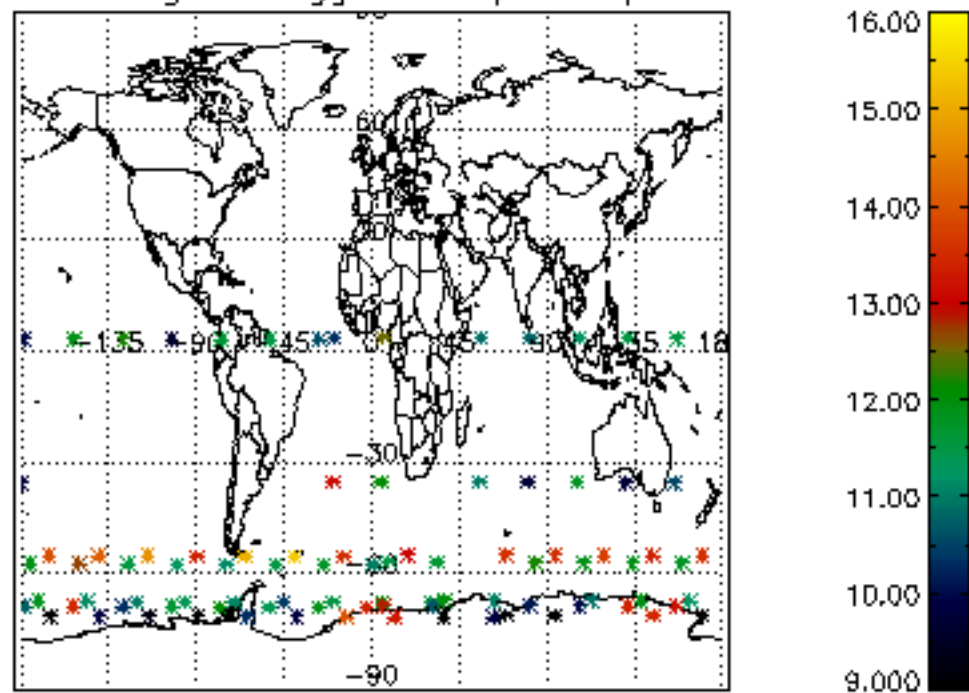




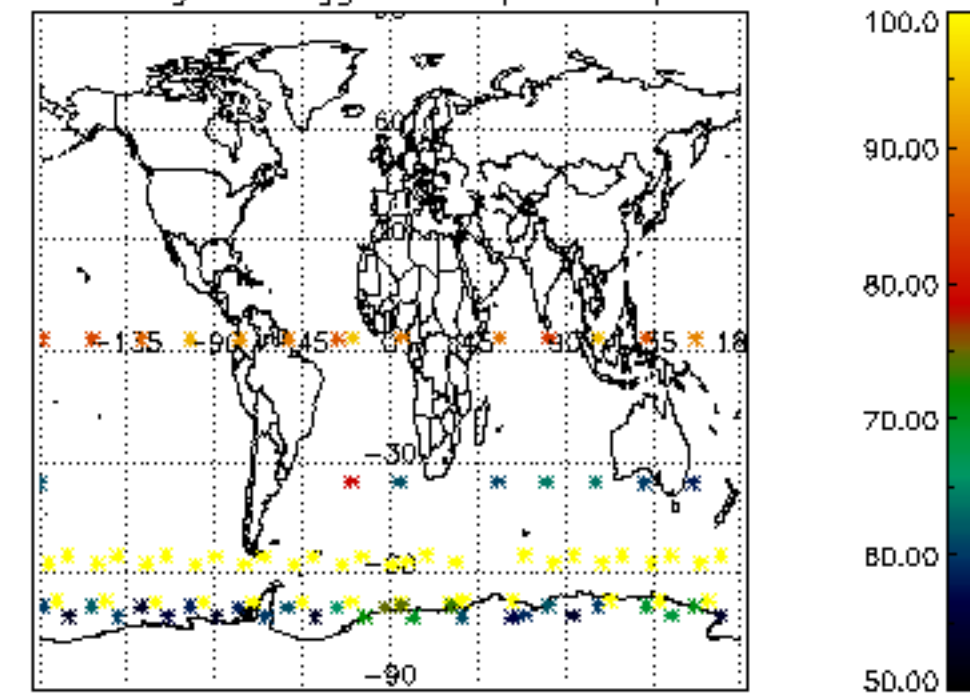




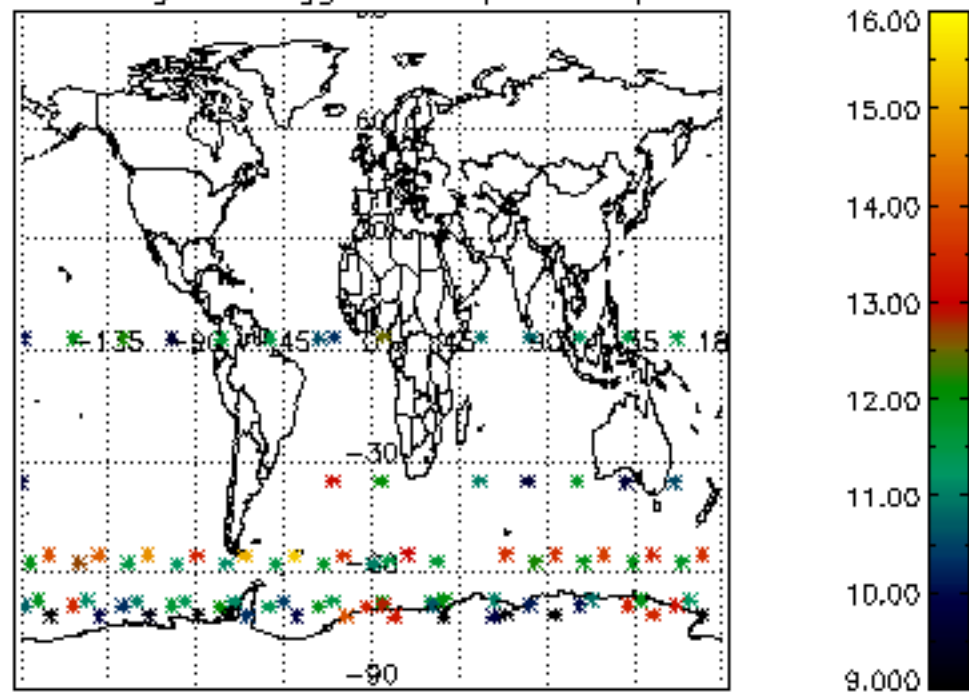
Percentage of flagged data per D3 profile



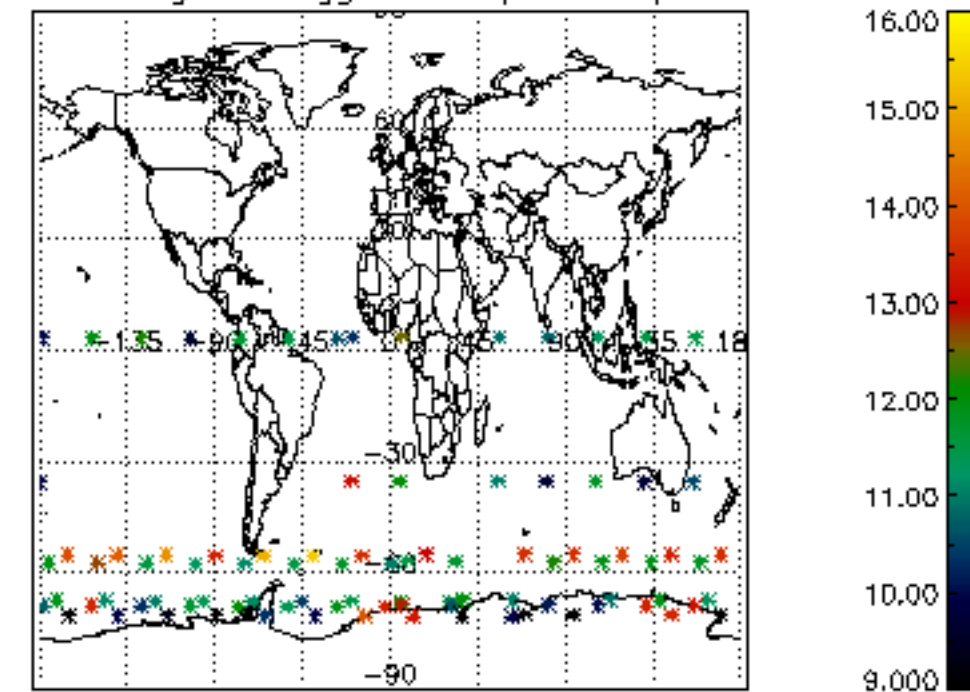
Percentage of flagged data per H2O profile

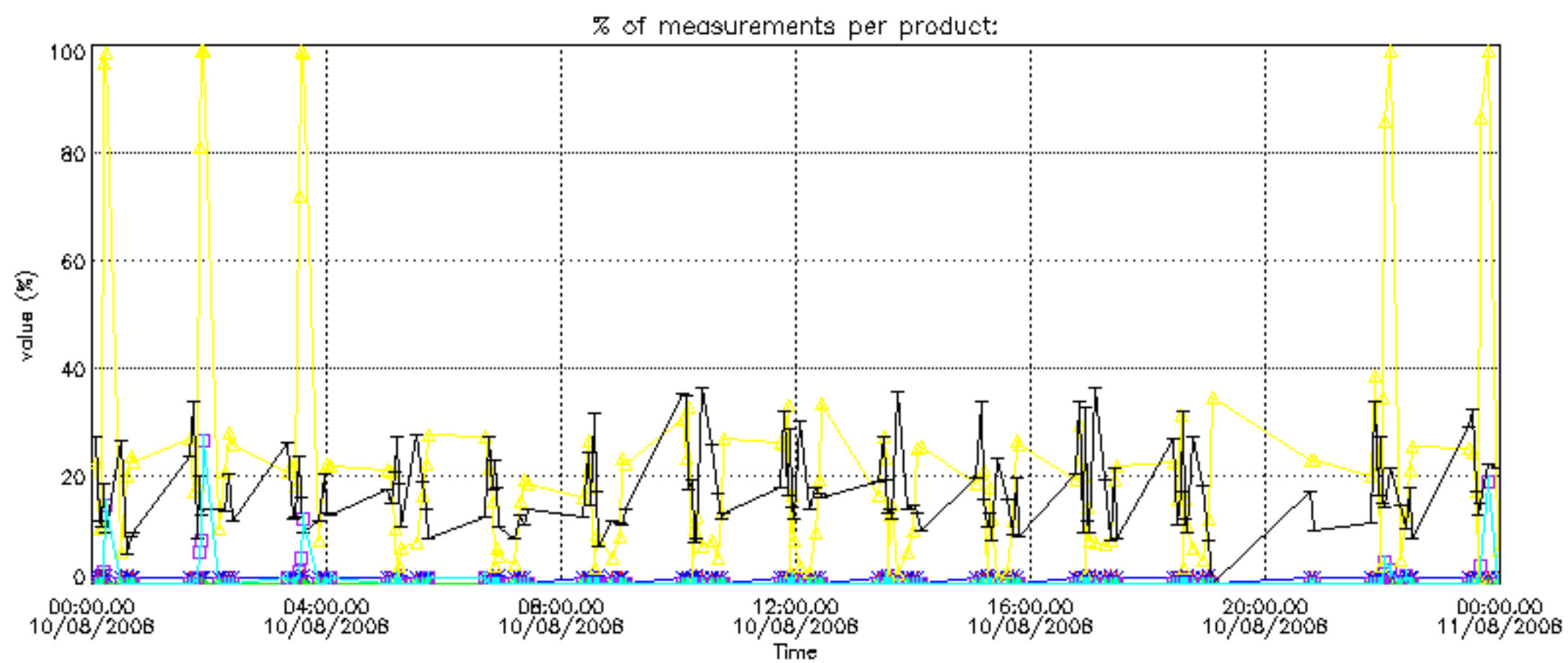
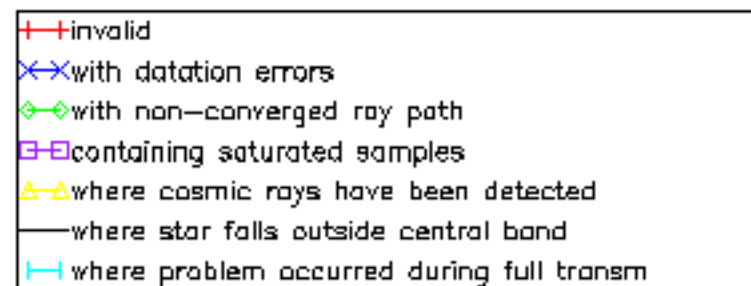


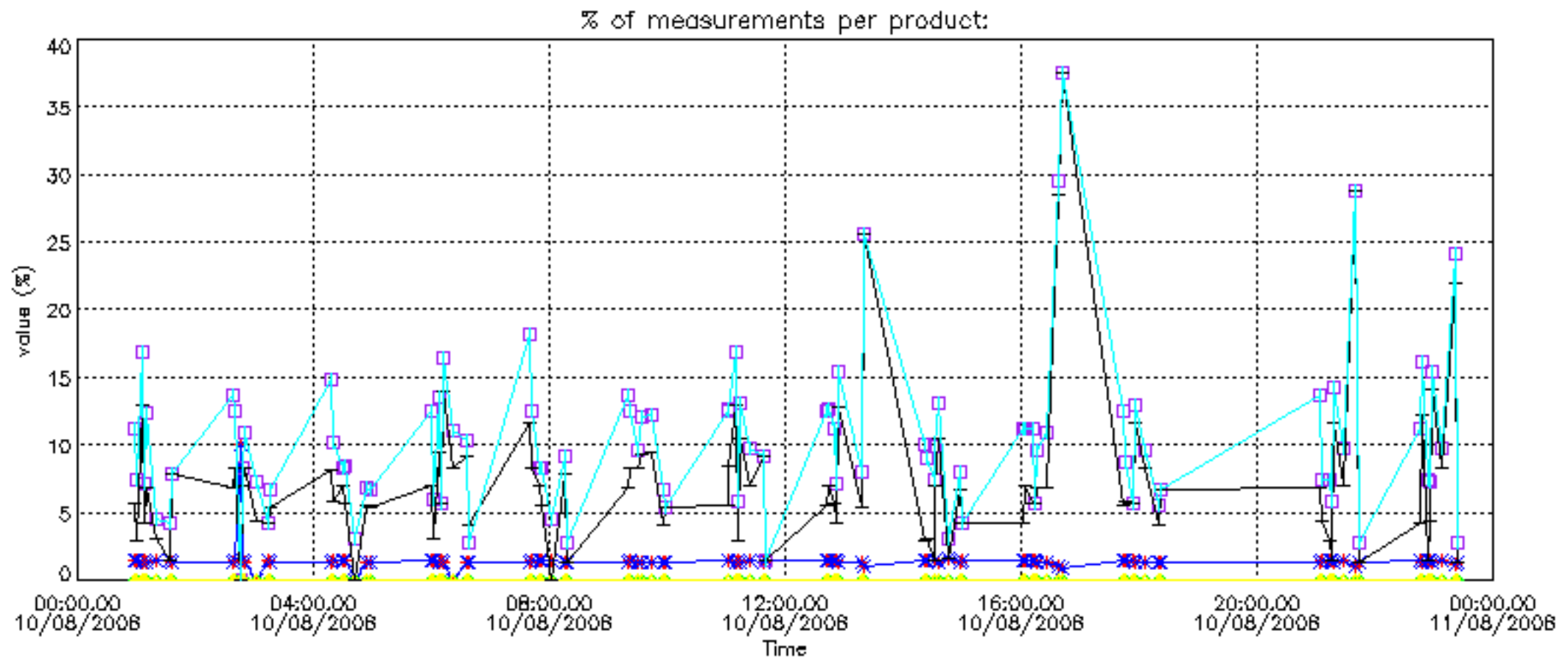
Percentage of flagged data per NO2 profile



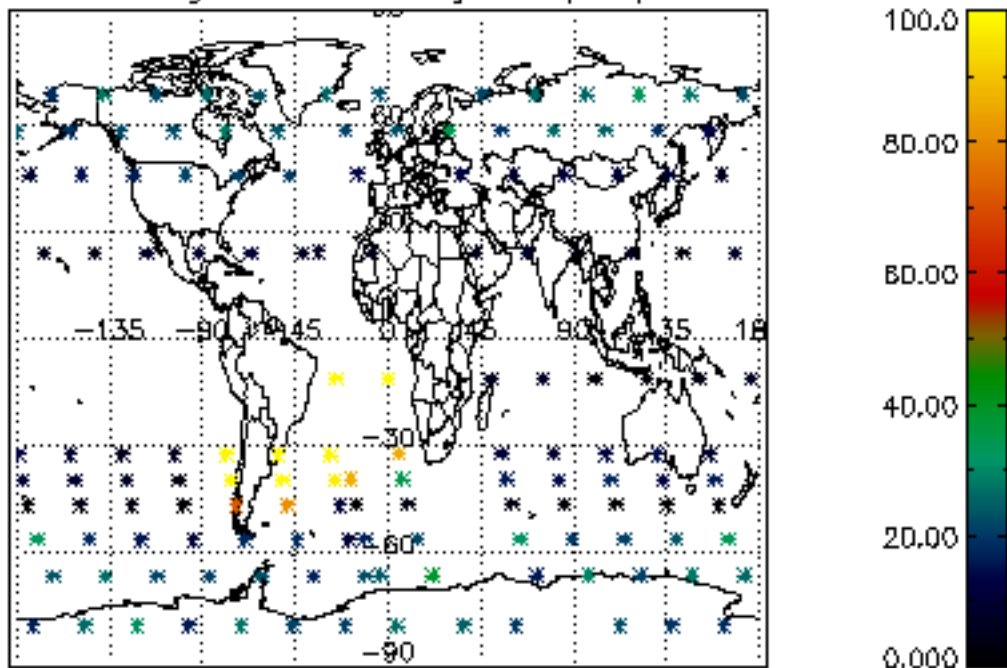
Percentage of flagged data per NO3 profile



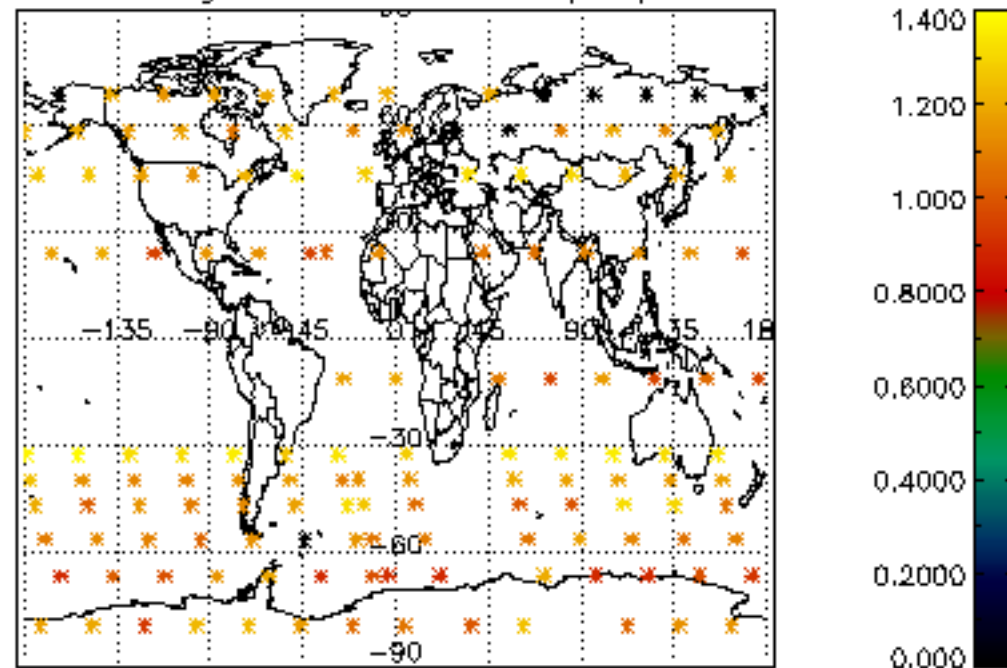




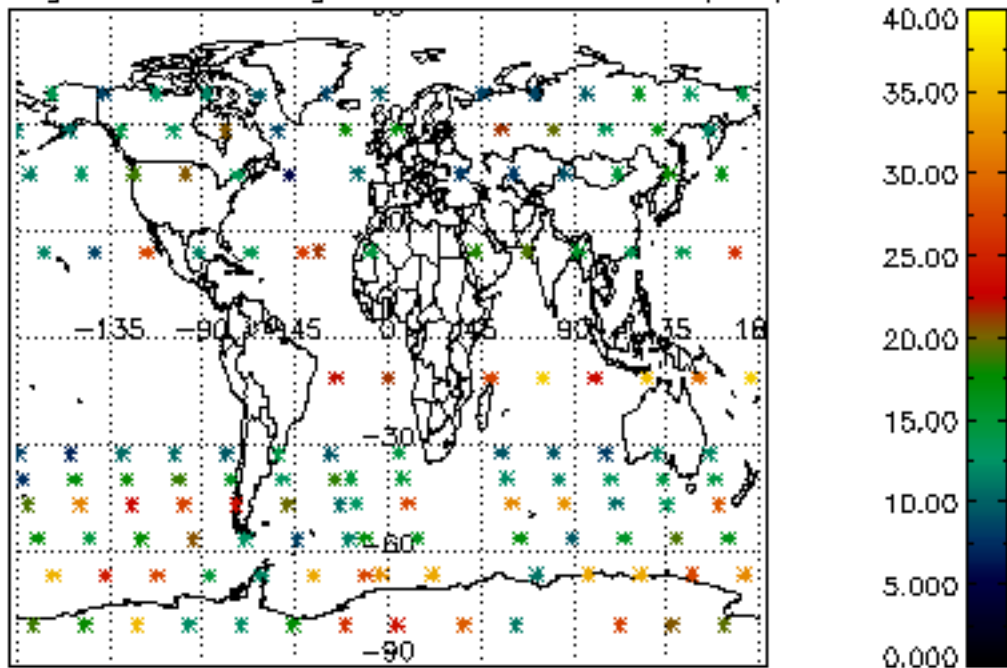
Percentage of cosmic ray hits per profile



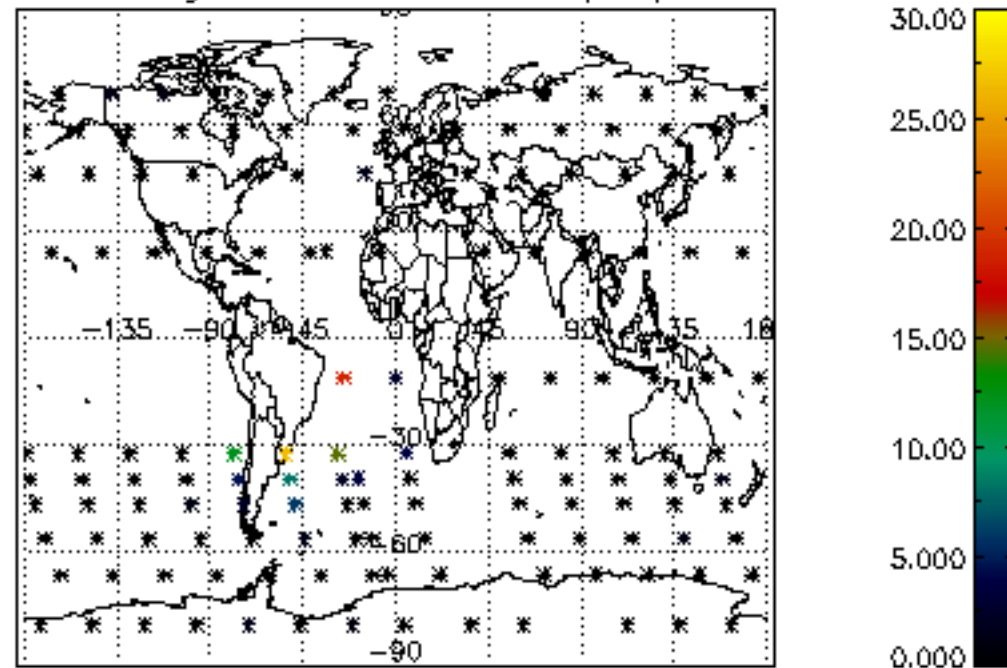
Percentage of datation errors per profile



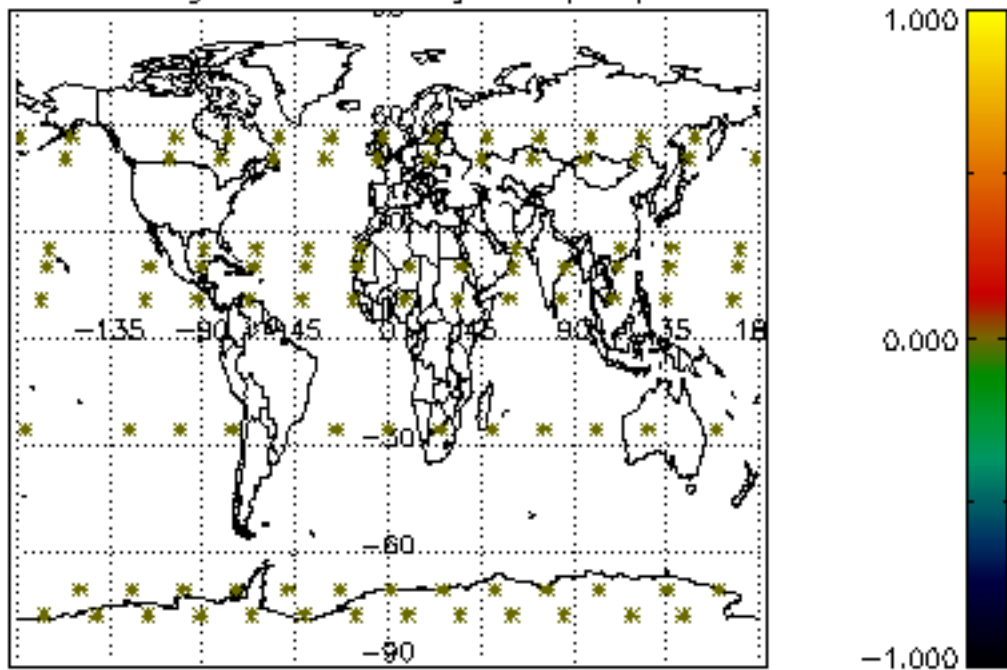
Percentage of star falling outside central band per profile



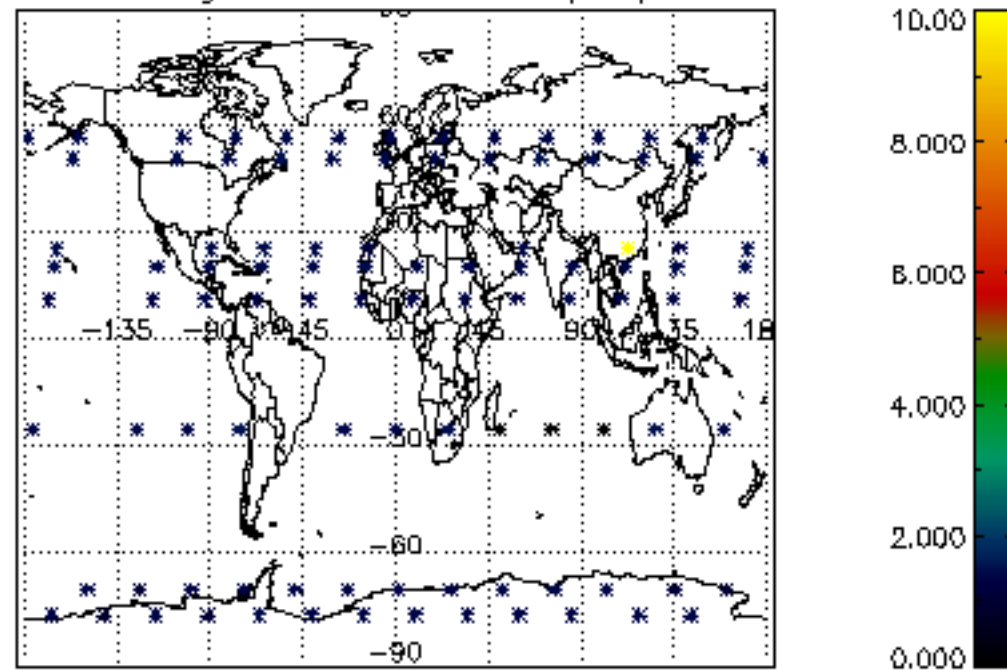
Percentage of saturation errors per profile



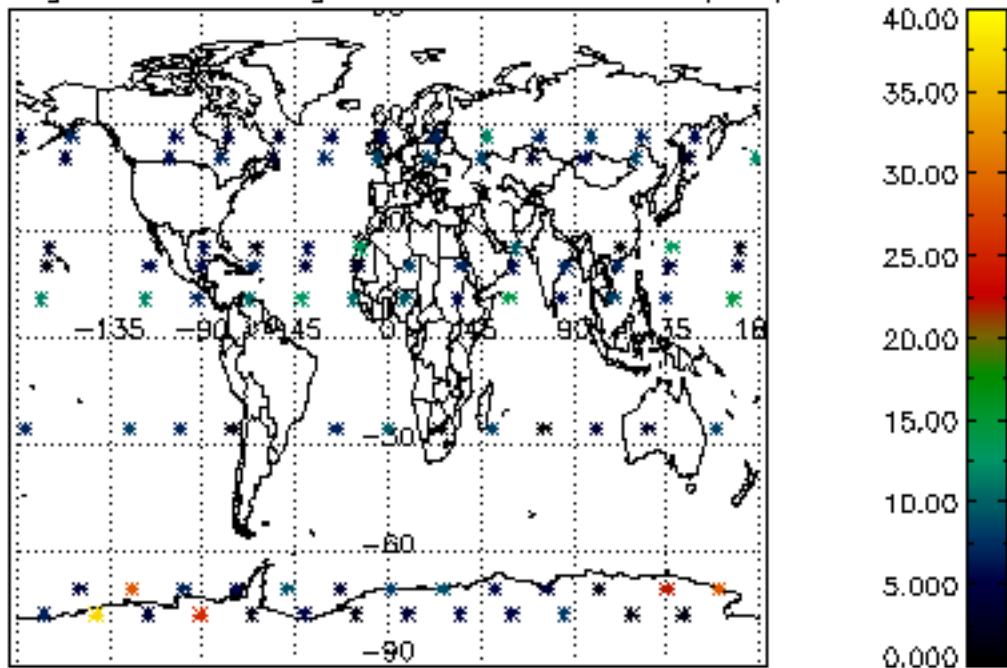
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

