

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	22APR2013 20:44:22
Data source version	GOMOS/6.01
Start time of products	14-06-2007 (14JUN2007 00:00:00)
Stop time of products	15-06-2007 (15JUN2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	270
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__2PRFIN20070614_000908_000000552059_00030_27639_9494.N1	14-JUN-2007 00:09:08	Dark	54.500	52	16Bet Cet	2.0370	4500.0	109	27639	No
2	GOM_NL__2PRFIN20070614_002135_000000662059_00031_27640_9524.N1	14-JUN-2007 00:21:35	Dark	65.500	63	Bet Gru	2.1500	2800.0	131	27640	No
3	GOM_NL__2PRFIN20070614_002338_000000462059_00031_27640_9525.N1	14-JUN-2007 00:23:38	Dark	46.000	31	Alp Gru	1.7340	15200.	92	27640	No
4	GOM_NL__2PRFIN20070614_002740_000000422059_00031_27640_9526.N1	14-JUN-2007 00:27:40	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	27640	No
5	GOM_NL__2PRFIN20070614_003559_000000442059_00031_27640_9527.N1	14-JUN-2007 00:35:59	Twilight	44.000	40	The Sco	1.8590	7100.0	88	27640	No
6	GOM_NL__2PRFIN20070614_003743_000000432059_00031_27640_9528.N1	14-JUN-2007 00:37:43	Twilight	43.000	25	35Lam Sco	1.6200	28000.	86	27640	No
7	GOM_NL__2PRFIN20070614_003905_000000482059_00031_27640_9529.N1	14-JUN-2007 00:39:05	Twilight	47.500	167	10Gam2Sgr	2.9840	4500.0	95	27640	No
8	GOM_NL__2PRFIN20070614_004424_000000392059_00031_27640_9530.N1	14-JUN-2007 00:44:24	Bright	39.000	86	35Eta Oph	2.4300	10200.	78	27640	No
9	GOM_NL__2PRFIN20070614_004609_000000382059_00031_27640_9531.N1	14-JUN-2007 00:46:09	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	27640	No
10	GOM_NL__2PRFIN20070614_005534_000000382059_00031_27640_9532.N1	14-JUN-2007 00:55:34	Bright	37.500	127	27Bet Her	2.7810	4700.0	75	27640	No
11	GOM_NL__2PRFIN20070614_005839_000000382059_00031_27640_9533.N1	14-JUN-2007 00:58:39	Bright	38.000	133	40Zet Her	2.8070	6000.0	76	27640	No
12	GOM_NL__2PRFIN20070614_010535_000000382059_00031_27640_9534.N1	14-JUN-2007 01:05:35	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	27640	No
13	GOM_NL__2PRFIN20070614_010700_000000402059_00031_27640_9535.N1	14-JUN-2007 01:07:00	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	27640	No
14	GOM_NL__2PRFIN20070614_012223_000000582059_00031_27640_9536.N1	14-JUN-2007 01:22:23	Bright	57.500	74	11Bet Cas	2.2680	6600.0	115	27640	No
15	GOM_NL__2PRFIN20070614_012843_000000382059_00031_27640_9537.N1	14-JUN-2007 01:28:43	Bright	38.000	73	57Gam1And	2.2600	13100.	76	27640	No
16	GOM_NL__2PRFIN20070614_013103_000000552059_00031_27640_9538.N1	14-JUN-2007 01:31:03	Twilight	54.500	53	43Bet And	2.0480	3300.0	109	27640	No
17	GOM_NL__2PRFIN20070614_013428_000000452059_00031_27640_9539.N1	14-JUN-2007 01:34:28	Twilight	45.000	50	13Alp Ari	2.0070	4250.0	90	27640	No
18	GOM_NL__2PRFIN20070614_014945_000000552059_00031_27640_9540.N1	14-JUN-2007 01:49:45	Dark	54.500	52	16Bet Cet	2.0370	4500.0	109	27640	No
19	GOM_NL__2PRFIN20070614_015605_000000422059_00031_27640_9541.N1	14-JUN-2007 01:56:05	Dark	41.500	84	Alp Phe	2.3970	4500.0	83	27640	No
20	GOM_NL__2PRFIN20070614_020212_000000532059_00032_27641_9540.N1	14-JUN-2007 02:02:12	Dark	53.000	63	Bet Gru	2.1500	2800.0	106	27641	No
21	GOM_NL__2PRFIN20070614_020415_000000472059_00032_27641_9541.N1	14-JUN-2007 02:04:15	Dark	47.000	31	Alp Gru	1.7340	15200.	94	27641	No
22	GOM_NL__2PRFIN20070614_020817_000000442059_00032_27641_9542.N1	14-JUN-2007 02:08:17	Straylight	43.500	45	Alp Pav	1.9400	26000.	87	27641	No
23	GOM_NL__2PRFIN20070614_021635_000000432059_00032_27641_9543.N1	14-JUN-2007 02:16:35	Twilight	42.500	40	The Sco	1.8590	7100.0	85	27641	No
24	GOM_NL__2PRFIN20070614_021819_000000432059_00032_27641_9544.N1	14-JUN-2007 02:18:19	Twilight	43.000	25	35Lam Sco	1.6200	28000.	86	27641	No
25	GOM_NL__2PRFIN20070614_021942_000000482059_00032_27641_9545.N1	14-JUN-2007 02:19:42	Twilight	48.000	167	10Gam2Sgr	2.9840	4500.0	96	27641	No
26	GOM_NL__2PRFIN20070614_022500_000000402059_00032_27641_9546.N1	14-JUN-2007 02:25:00	Bright	39.500	86	35Eta Oph	2.4300	10200.	79	27641	No
27	GOM_NL__2PRFIN20070614_022645_000000382059_00032_27641_9547.N1	14-JUN-2007 02:26:45	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	27641	No
28	GOM_NL__2PRFIN20070614_023610_000000392059_00032_27641_9548.N1	14-JUN-2007 02:36:10	Bright	38.500	127	27Bet Her	2.7810	4700.0	77	27641	No
29	GOM_NL__2PRFIN20070614_023915_000000382059_00032_27641_9549.N1	14-JUN-2007 02:39:15	Bright	38.000	133	40Zet Her	2.8070	6000.0	76	27641	No
30	GOM_NL__2PRFIN20070614_024611_000000392059_00032_27641_9550.N1	14-JUN-2007 02:46:11	Bright	39.000	130	23Bet Dra	2.7990	5800.0	78	27641	No
31	GOM_NL__2PRFIN20070614_024736_000000382059_00032_27641_9551.N1	14-JUN-2007 02:47:36	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	27641	No
32	GOM_NL__2PRFIN20070614_030258_000000422059_00032_27641_9552.N1	14-JUN-2007 03:02:58	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	27641	No
33	GOM_NL__2PRFIN20070614_030919_000000562059_00032_27641_9553.N1	14-JUN-2007 03:09:19	Bright	56.000	73	57Gam1And	2.2600	13100.	112	27641	No
34	GOM_NL__2PRFIN20070614_031139_000000562059_00032_27641_9554.N1	14-JUN-2007 03:11:39	Twilight	55.500	53	43Bet And	2.0480	3300.0	111	27641	No
35	GOM_NL__2PRFIN20070614_031504_000000472059_00032_27641_9555.N1	14-JUN-2007 03:15:04	Twilight	47.000	50	13Alp Ari	2.0070	4250.0	94	27641	No
36	GOM_NL__2PRFIN20070614_033022_000000622059_00032_27641_9556.N1	14-JUN-2007 03:30:22	Dark	61.500	52	16Bet Cet	2.0370	4500.0	123	27641	No
37	GOM_NL__2PRFIN20070614_033642_000000462059_00032_27641_9557.N1	14-JUN-2007 03:36:42	Dark	45.500	84	Alp Phe	2.3970	4500.0	91	27641	No
38	GOM_NL__2PRFIN20070614_034249_000000532059_00033_27642_9551.N1	14-JUN-2007 03:42:49	Dark	52.500	63	Bet Gru	2.1500	2800.0	105	27642	No
39	GOM_NL__2PRFIN20070614_034452_000000492059_00033_27642_9552.N1	14-JUN-2007 03:44:52	Dark	48.500	31	Alp Gru	1.7340	15200.	97	27642	No
40	GOM_NL__2PRFIN20070614_034853_000000412059_00033_27642_9553.N1	14-JUN-2007 03:48:53	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	27642	No
41	GOM_NL__2PRFIN20070614_035712_000000432059_00033_27642_9554.N1	14-JUN-2007 03:57:12	Twilight	42.500	40	The Sco	1.8590	7100.0	85	27642	No
42	GOM_NL__2PRFIN20070614_035855_000000422059_00033_27642_9555.N1	14-JUN-2007 03:58:55	Twilight	41.500	25	35Lam Sco	1.6200	28000.	83	27642	No

43	GOM_NL__2PRFIN20070614_040018_000000462059_00033_27642_9556.N1	14-JUN-2007 04:00:18	Twilight	46.000	167	10Gam2Sgr	2.9840	4500.0	92	27642	No
44	GOM_NL__2PRFIN20070614_040536_000000382059_00033_27642_9557.N1	14-JUN-2007 04:05:36	Bright	38.000	86	35Eta Oph	2.4300	10200.	76	27642	No
45	GOM_NL__2PRFIN20070614_040721_000000372059_00033_27642_9558.N1	14-JUN-2007 04:07:21	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	27642	No
46	GOM_NL__2PRFIN20070614_041455_000000272059_00033_27642_9559.N1	14-JUN-2007 04:14:55	Twilight	27.000	59	55Alp Oph	2.0800	8900.0	54	27642	No
47	GOM_NL__2PRFIN20070614_041646_000000382059_00033_27642_9560.N1	14-JUN-2007 04:16:46	Bright	37.500	127	27Bet Her	2.7810	4700.0	75	27642	No
48	GOM_NL__2PRFIN20070614_041951_000000372059_00033_27642_9561.N1	14-JUN-2007 04:19:51	Bright	37.000	133	40Zet Her	2.8070	6000.0	74	27642	No
49	GOM_NL__2PRFIN20070614_042646_000000402059_00033_27642_9562.N1	14-JUN-2007 04:26:46	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	27642	No
50	GOM_NL__2PRFIN20070614_042812_000000332059_00033_27642_9563.N1	14-JUN-2007 04:28:12	Bright	33.000	119	14Eta Dra	2.7270	4700.0	66	27642	No
51	GOM_NL__2PRFIN20070614_044334_000000432059_00033_27642_9564.N1	14-JUN-2007 04:43:34	Bright	43.000	74	11Bet Cas	2.2680	6600.0	86	27642	No
52	GOM_NL__2PRFIN20070614_044955_000000562059_00033_27642_9565.N1	14-JUN-2007 04:49:55	Bright	56.000	73	57Gam1And	2.2600	13100.	112	27642	No
53	GOM_NL__2PRFIN20070614_045216_000000602059_00033_27642_9566.N1	14-JUN-2007 04:52:16	Twilight	59.500	53	43Bet And	2.0480	3300.0	119	27642	No
54	GOM_NL__2PRFIN20070614_045540_000000482059_00033_27642_9567.N1	14-JUN-2007 04:55:40	Twilight	47.500	50	13Alp Ari	2.0070	4250.0	95	27642	No
55	GOM_NL__2PRFIN20070614_051059_000000552059_00033_27642_9568.N1	14-JUN-2007 05:10:59	Dark	55.000	52	16Bet Cet	2.0370	4500.0	110	27642	No
56	GOM_NL__2PRFIN20070614_051719_000000482059_00033_27642_9569.N1	14-JUN-2007 05:17:19	Dark	47.500	84	Alp Phe	2.3970	4500.0	95	27642	No
57	GOM_NL__2PRFIN20070614_052326_000000642059_00034_27643_9573.N1	14-JUN-2007 05:23:26	Dark	64.000	63	Bet Gru	2.1500	2800.0	128	27643	No
58	GOM_NL__2PRFIN20070614_052529_000000492059_00034_27643_9574.N1	14-JUN-2007 05:25:29	Dark	48.500	31	Alp Gru	1.7340	15200.	97	27643	No
59	GOM_NL__2PRFIN20070614_052930_000000422059_00034_27643_9575.N1	14-JUN-2007 05:29:30	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	27643	No
60	GOM_NL__2PRFIN20070614_053748_000000402059_00034_27643_9576.N1	14-JUN-2007 05:37:48	Twilight	40.000	40	The Sco	1.8590	7100.0	80	27643	No
61	GOM_NL__2PRFIN20070614_053932_000000422059_00034_27643_9577.N1	14-JUN-2007 05:39:32	Twilight	41.500	25	35Lam Sco	1.6200	28000.	83	27643	No
62	GOM_NL__2PRFIN20070614_054054_000000492059_00034_27643_9578.N1	14-JUN-2007 05:40:54	Twilight	48.500	167	10Gam2Sgr	2.9840	4500.0	97	27643	No
63	GOM_NL__2PRFIN20070614_054612_000000392059_00034_27643_9579.N1	14-JUN-2007 05:46:12	Bright	38.500	86	35Eta Oph	2.4300	10200.	77	27643	No
64	GOM_NL__2PRFIN20070614_054757_000000372059_00034_27643_9580.N1	14-JUN-2007 05:47:57	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	27643	No
65	GOM_NL__2PRFIN20070614_055530_000000272059_00034_27643_9581.N1	14-JUN-2007 05:55:30	Twilight	27.000	59	55Alp Oph	2.0800	8900.0	54	27643	No
66	GOM_NL__2PRFIN20070614_055722_000000552059_00034_27643_9582.N1	14-JUN-2007 05:57:22	Bright	55.000	127	27Bet Her	2.7810	4700.0	110	27643	No
67	GOM_NL__2PRFIN20070614_060027_000000382059_00034_27643_9583.N1	14-JUN-2007 06:00:27	Bright	38.000	133	40Zet Her	2.8070	6000.0	76	27643	No
68	GOM_NL__2PRFIN20070614_060722_000000402059_00034_27643_9584.N1	14-JUN-2007 06:07:22	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	27643	No
69	GOM_NL__2PRFIN20070614_060847_000000352059_00034_27643_9585.N1	14-JUN-2007 06:08:47	Bright	34.500	119	14Eta Dra	2.7270	4700.0	69	27643	No
70	GOM_NL__2PRFIN20070614_062410_000000632059_00034_27643_9586.N1	14-JUN-2007 06:24:10	Bright	63.000	74	11Bet Cas	2.2680	6600.0	126	27643	No
71	GOM_NL__2PRFIN20070614_063031_000000432059_00034_27643_9587.N1	14-JUN-2007 06:30:31	Bright	43.000	73	57Gam1And	2.2600	13100.	86	27643	No
72	GOM_NL__2PRFIN20070614_063252_000000542059_00034_27643_9588.N1	14-JUN-2007 06:32:52	Twilight	54.000	53	43Bet And	2.0480	3300.0	108	27643	No
73	GOM_NL__2PRFIN20070614_063616_000000462059_00034_27643_9589.N1	14-JUN-2007 06:36:16	Twilight	46.000	50	13Alp Ari	2.0070	4250.0	92	27643	No
74	GOM_NL__2PRFIN20070614_065136_000000512059_00034_27643_9590.N1	14-JUN-2007 06:51:36	Dark	50.500	52	16Bet Cet	2.0370	4500.0	101	27643	No
75	GOM_NL__2PRFIN20070614_065756_000000482059_00034_27643_9591.N1	14-JUN-2007 06:57:56	Dark	48.000	84	Alp Phe	2.3970	4500.0	96	27643	No
76	GOM_NL__2PRFIN20070614_070403_000000482059_00035_27644_9585.N1	14-JUN-2007 07:04:03	Dark	47.500	63	Bet Gru	2.1500	2800.0	95	27644	No
77	GOM_NL__2PRFIN20070614_070606_000000482059_00035_27644_9586.N1	14-JUN-2007 07:06:06	Dark	48.000	31	Alp Gru	1.7340	15200.	96	27644	No
78	GOM_NL__2PRFIN20070614_071007_000000422059_00035_27644_9587.N1	14-JUN-2007 07:10:07	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	27644	No
79	GOM_NL__2PRFIN20070614_071824_000000422059_00035_27644_9588.N1	14-JUN-2007 07:18:24	Twilight	41.500	40	The Sco	1.8590	7100.0	83	27644	No
80	GOM_NL__2PRFIN20070614_072008_000000422059_00035_27644_9589.N1	14-JUN-2007 07:20:08	Twilight	41.500	25	35Lam Sco	1.6200	28000.	83	27644	No
81	GOM_NL__2PRFIN20070614_072131_000000482059_00035_27644_9590.N1	14-JUN-2007 07:21:31	Twilight	47.500	167	10Gam2Sgr	2.9840	4500.0	95	27644	No
82	GOM_NL__2PRFIN20070614_072648_000000402059_00035_27644_9591.N1	14-JUN-2007 07:26:48	Bright	40.000	86	35Eta Oph	2.4300	10200.	80	27644	No
83	GOM_NL__2PRFIN20070614_072833_000000372059_00035_27644_9592.N1	14-JUN-2007 07:28:33	Bright	37.000	98	13Zet Oph	2.5710	30000.	74	27644	No
84	GOM_NL__2PRFIN20070614_073606_000000342059_00035_27644_9593.N1	14-JUN-2007 07:36:06	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	27644	No
85	GOM_NL__2PRFIN20070614_073758_000000372059_00035_27644_9594.N1	14-JUN-2007 07:37:58	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	27644	No
86	GOM_NL__2PRFIN20070614_074103_000000382059_00035_27644_9595.N1	14-JUN-2007 07:41:03	Bright	38.000	133	40Zet Her	2.8070	6000.0	76	27644	No
87	GOM_NL__2PRFIN20070614_074757_000000402059_00035_27644_9596.N1	14-JUN-2007 07:47:57	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	27644	No
88	GOM_NL__2PRFIN20070614_074923_000000362059_00035_27644_9597.N1	14-JUN-2007 07:49:23	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	27644	No
89	GOM_NL__2PRFIN20070614_080445_000000432059_00035_27644_9598.N1	14-JUN-2007 08:04:45	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	27644	No
90	GOM_NL__2PRFIN20070614_081107_000000502059_00035_27644_9599.N1	14-JUN-2007 08:11:07	Bright	50.000	73	57Gam1And	2.2600	13100.	100	27644	No
91	GOM_NL__2PRFIN20070614_081328_000000602059_00035_27644_9600.N1	14-JUN-2007 08:13:28	Twilight	60.000	53	43Bet And	2.0480	3300.0	120	27644	No
92	GOM_NL__2PRFIN20070614_081652_000000482059_00035_27644_9601.N1	14-JUN-2007 08:16:52	Twilight	48.000	50	13Alp Ari	2.0070	4250.0	96	27644	No
93	GOM_NL__2PRFIN20070614_083213_000000632059_00035_27644_9602.N1	14-JUN-2007 08:32:13	Dark	63.000	52	16Bet Cet	2.0370	4500.0	126	27644	No
94	GOM_NL__2PRFIN20070614_083832_000000492059_00035_27644_9603.N1	14-JUN-2007 08:38:32	Dark	48.500	84	Alp Phe	2.3970	4500.0	97	27644	No
95	GOM_NL__2PRFIN20070614_084440_000000542059_00036_27645_9624.N1	14-JUN-2007 08:44:40	Dark	53.500	63	Bet Gru	2.1500	2800.0	107	27645	No
96	GOM_NL__2PRFIN20070614_084643_000000482059_00036_27645_9625.N1	14-JUN-2007 08:46:43	Dark	48.000	31	Alp Gru	1.7340	15200.	96	27645	No
97	GOM_NL__2PRFIN20070614_085043_000000422059_00036_27645_9626.N1	14-JUN-2007 08:50:43	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	27645	No
98	GOM_NL__2PRFIN20070614_085901_000000432059_00036_27645_9627.N1	14-JUN-2007 08:59:01	Twilight	42.500	40	The Sco	1.8590	7100.0	85	27645	No
99	GOM_NL__2PRFIN20070614_090044_000000452059_00036_27645_9628.N1	14-JUN-2007 09:00:44	Twilight	44.500	25	35Lam Sco	1.6200	28000.	89	27645	No
100	GOM_NL__2PRFIN20070614_090207_000000492059_00036_27645_9629.N1	14-JUN-2007 09:02:07	Twilight	48.500	167	10Gam2Sgr	2.9840	4500.0	97	27645	No
101	GOM_NL__2PRFIN20070614_090724_000000392059_00036_27645_9630.N1	14-JUN-2007 09:07:24	Bright	39.000	86	35Eta Oph	2.4300	10200.	78	27645	No

102	GOM_NL__2PRFIN20070614_090909_000000382059_00036_27645_9631.N1	14-JUN-2007 09:09:09	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	27645	No
103	GOM_NL__2PRFIN20070614_091642_000000342059_00036_27645_9632.N1	14-JUN-2007 09:16:42	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	27645	No
104	GOM_NL__2PRFIN20070614_091834_000000392059_00036_27645_9633.N1	14-JUN-2007 09:18:34	Bright	39.000	127	27Bet Her	2.7810	4700.0	78	27645	No
105	GOM_NL__2PRFIN20070614_092138_000000372059_00036_27645_9634.N1	14-JUN-2007 09:21:38	Bright	37.000	133	40Zet Her	2.8070	6000.0	74	27645	No
106	GOM_NL__2PRFIN20070614_092833_000000402059_00036_27645_9635.N1	14-JUN-2007 09:28:33	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	27645	No
107	GOM_NL__2PRFIN20070614_092959_000000382059_00036_27645_9636.N1	14-JUN-2007 09:29:59	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	27645	No
108	GOM_NL__2PRFIN20070614_094521_000000432059_00036_27645_9637.N1	14-JUN-2007 09:45:21	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	27645	No
109	GOM_NL__2PRFIN20070614_095143_000000402059_00036_27645_9638.N1	14-JUN-2007 09:51:43	Bright	39.500	73	57Gam1And	2.2600	13100.	79	27645	No
110	GOM_NL__2PRFIN20070614_095404_000000552059_00036_27645_9639.N1	14-JUN-2007 09:54:04	Twi_and_stray	54.500	53	43Bet And	2.0480	3300.0	109	27645	No
111	GOM_NL__2PRFIN20070614_095729_000000462059_00036_27645_9640.N1	14-JUN-2007 09:57:29	Twilight	46.000	50	13Alp Ari	2.0070	4250.0	92	27645	No
112	GOM_NL__2PRFIN20070614_101250_000000522059_00036_27645_9641.N1	14-JUN-2007 10:12:50	Dark	52.000	52	16Bet Cet	2.0370	4500.0	104	27645	No
113	GOM_NL__2PRFIN20070614_101909_000000512059_00036_27645_9642.N1	14-JUN-2007 10:19:09	Dark	51.000	84	Alp Phe	2.3970	4500.0	102	27645	No
114	GOM_NL__2PRFIN20070614_102517_000000552059_00037_27646_9640.N1	14-JUN-2007 10:25:17	Dark	54.500	63	Bet Gru	2.1500	2800.0	109	27646	No
115	GOM_NL__2PRFIN20070614_102719_000000472059_00037_27646_9641.N1	14-JUN-2007 10:27:19	Dark	46.500	31	Alp Gru	1.7340	15200.	93	27646	No
116	GOM_NL__2PRFIN20070614_103120_000000432059_00037_27646_9642.N1	14-JUN-2007 10:31:20	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	27646	No
117	GOM_NL__2PRFIN20070614_103937_000000442059_00037_27646_9643.N1	14-JUN-2007 10:39:37	Twi_and_stray	43.500	40	The Sco	1.8590	7100.0	87	27646	No
118	GOM_NL__2PRFIN20070614_104120_000000432059_00037_27646_9644.N1	14-JUN-2007 10:41:20	Twi_and_stray	42.500	25	35Lam Sco	1.6200	28000.	85	27646	No
119	GOM_NL__2PRFIN20070614_104243_000000482059_00037_27646_9645.N1	14-JUN-2007 10:42:43	Twi_and_stray	47.500	167	10Gam2Sgr	2.9840	4500.0	95	27646	No
120	GOM_NL__2PRFIN20070614_104800_000000392059_00037_27646_9646.N1	14-JUN-2007 10:48:00	Bright	38.500	86	35Eta Oph	2.4300	10200.	77	27646	No
121	GOM_NL__2PRFIN20070614_104945_000000372059_00037_27646_9647.N1	14-JUN-2007 10:49:45	Bright	37.000	98	13Zet Oph	2.5710	30000.	74	27646	No
122	GOM_NL__2PRFIN20070614_105717_000000422059_00037_27646_9648.N1	14-JUN-2007 10:57:17	Bright	42.000	59	55Alp Oph	2.0800	8900.0	84	27646	No
123	GOM_NL__2PRFIN20070614_105909_000000382059_00037_27646_9649.N1	14-JUN-2007 10:59:09	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	27646	No
124	GOM_NL__2PRFIN20070614_110214_000000382059_00037_27646_9650.N1	14-JUN-2007 11:02:14	Bright	38.000	133	40Zet Her	2.8070	6000.0	76	27646	No
125	GOM_NL__2PRFIN20070614_110908_000000422059_00037_27646_9651.N1	14-JUN-2007 11:09:08	Bright	41.500	130	23Bet Dra	2.7990	5800.0	83	27646	No
126	GOM_NL__2PRFIN20070614_111035_000000372059_00037_27646_9652.N1	14-JUN-2007 11:10:35	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	27646	No
127	GOM_NL__2PRFIN20070614_112556_000000412059_00037_27646_9653.N1	14-JUN-2007 11:25:56	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	27646	No
128	GOM_NL__2PRFIN20070614_113219_000000402059_00037_27646_9654.N1	14-JUN-2007 11:32:19	Bright	39.500	73	57Gam1And	2.2600	13100.	79	27646	No
129	GOM_NL__2PRFIN20070614_113440_000000562059_00037_27646_9655.N1	14-JUN-2007 11:34:40	Twi_and_stray	55.500	53	43Bet And	2.0480	3300.0	111	27646	No
130	GOM_NL__2PRFIN20070614_113805_000000472059_00037_27646_9656.N1	14-JUN-2007 11:38:05	Twilight	47.000	50	13Alp Ari	2.0070	4250.0	94	27646	No
131	GOM_NL__2PRFIN20070614_115327_000000592059_00037_27646_9657.N1	14-JUN-2007 11:53:27	Dark	59.000	52	16Bet Cet	2.0370	4500.0	118	27646	No
132	GOM_NL__2PRFIN20070614_115945_000000442059_00037_27646_9658.N1	14-JUN-2007 11:59:45	Dark	44.000	84	Alp Phe	2.3970	4500.0	88	27646	No
133	GOM_NL__2PRFIN20070614_120554_000000592059_00038_27647_9652.N1	14-JUN-2007 12:05:54	Dark	59.000	63	Bet Gru	2.1500	2800.0	118	27647	No
134	GOM_NL__2PRFIN20070614_120756_000000472059_00038_27647_9653.N1	14-JUN-2007 12:07:56	Dark	47.000	31	Alp Gru	1.7340	15200.	94	27647	No
135	GOM_NL__2PRFIN20070614_121156_000000422059_00038_27647_9654.N1	14-JUN-2007 12:11:56	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	27647	No
136	GOM_NL__2PRFIN20070614_122013_000000432059_00038_27647_9655.N1	14-JUN-2007 12:20:13	Twi_and_stray	43.000	40	The Sco	1.8590	7100.0	86	27647	No
137	GOM_NL__2PRFIN20070614_122156_000000402059_00038_27647_9656.N1	14-JUN-2007 12:21:56	Twi_and_stray	40.000	25	35Lam Sco	1.6200	28000.	80	27647	No
138	GOM_NL__2PRFIN20070614_122319_000000472059_00038_27647_9657.N1	14-JUN-2007 12:23:19	Twi_and_stray	46.500	167	10Gam2Sgr	2.9840	4500.0	93	27647	No
139	GOM_NL__2PRFIN20070614_122836_000000392059_00038_27647_9658.N1	14-JUN-2007 12:28:36	Bright	39.000	86	35Eta Oph	2.4300	10200.	78	27647	No
140	GOM_NL__2PRFIN20070614_123021_000000372059_00038_27647_9659.N1	14-JUN-2007 12:30:21	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	27647	No
141	GOM_NL__2PRFIN20070614_123753_000000422059_00038_27647_9660.N1	14-JUN-2007 12:37:53	Bright	42.000	59	55Alp Oph	2.0800	8900.0	84	27647	No
142	GOM_NL__2PRFIN20070614_123945_000000362059_00038_27647_9661.N1	14-JUN-2007 12:39:45	Bright	35.500	127	27Bet Her	2.7810	4700.0	71	27647	No
143	GOM_NL__2PRFIN20070614_124250_000000382059_00038_27647_9662.N1	14-JUN-2007 12:42:50	Bright	38.000	133	40Zet Her	2.8070	6000.0	76	27647	No
144	GOM_NL__2PRFIN20070614_124944_000000442059_00038_27647_9663.N1	14-JUN-2007 12:49:44	Bright	43.500	130	23Bet Dra	2.7990	5800.0	87	27647	No
145	GOM_NL__2PRFIN20070614_125110_000000382059_00038_27647_9664.N1	14-JUN-2007 12:51:10	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	27647	No
146	GOM_NL__2PRFIN20070614_130632_000000472059_00038_27647_9665.N1	14-JUN-2007 13:06:32	Bright	47.000	74	11Bet Cas	2.2680	6600.0	94	27647	No
147	GOM_NL__2PRFIN20070614_131255_000000552059_00038_27647_9666.N1	14-JUN-2007 13:12:55	Bright	55.000	73	57Gam1And	2.2600	13100.	110	27647	No
148	GOM_NL__2PRFIN20070614_131515_000000552059_00038_27647_9667.N1	14-JUN-2007 13:15:15	Twi_and_stray	55.000	53	43Bet And	2.0480	3300.0	110	27647	No
149	GOM_NL__2PRFIN20070614_131841_000000532059_00038_27647_9668.N1	14-JUN-2007 13:18:41	Twilight	53.000	50	13Alp Ari	2.0070	4250.0	106	27647	No
150	GOM_NL__2PRFIN20070614_133404_000000552059_00038_27647_9669.N1	14-JUN-2007 13:34:04	Dark	54.500	52	16Bet Cet	2.0370	4500.0	109	27647	No
151	GOM_NL__2PRFIN20070614_134022_000000462059_00038_27647_9670.N1	14-JUN-2007 13:40:22	Dark	45.500	84	Alp Phe	2.3970	4500.0	91	27647	No
152	GOM_NL__2PRFIN20070614_134630_000000512059_00039_27648_9693.N1	14-JUN-2007 13:46:30	Dark	50.500	63	Bet Gru	2.1500	2800.0	101	27648	No
153	GOM_NL__2PRFIN20070614_134833_000000482059_00039_27648_9694.N1	14-JUN-2007 13:48:33	Dark	47.500	31	Alp Gru	1.7340	15200.	95	27648	No
154	GOM_NL__2PRFIN20070614_135233_000000432059_00039_27648_9695.N1	14-JUN-2007 13:52:33	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	27648	No
155	GOM_NL__2PRFIN20070614_140049_000000432059_00039_27648_9696.N1	14-JUN-2007 14:00:49	Twi_and_stray	43.000	40	The Sco	1.8590	7100.0	86	27648	No
156	GOM_NL__2PRFIN20070614_140233_000000432059_00039_27648_9697.N1	14-JUN-2007 14:02:33	Twi_and_stray	43.000	25	35Lam Sco	1.6200	28000.	86	27648	No
157	GOM_NL__2PRFIN20070614_140355_000000462059_00039_27648_9698.N1	14-JUN-2007 14:03:55	Twi_and_stray	45.500	167	10Gam2Sgr	2.9840	4500.0	91	27648	No
158	GOM_NL__2PRFIN20070614_140912_000000392059_00039_27648_9699.N1	14-JUN-2007 14:09:12	Bright	39.000	86	35Eta Oph	2.4300	10200.	78	27648	No
159	GOM_NL__2PRFIN20070614_141057_000000352059_00039_27648_9700.N1	14-JUN-2007 14:10:57	Bright	35.000	98	13Zet Oph	2.5710	30000.	70	27648	No
160	GOM_NL__2PRFIN20070614_141828_000000432059_00039_27648_9701.N1	14-JUN-2007 14:18:28	Bright	43.000	59	55Alp Oph	2.0800	8900.0	86	27648	No

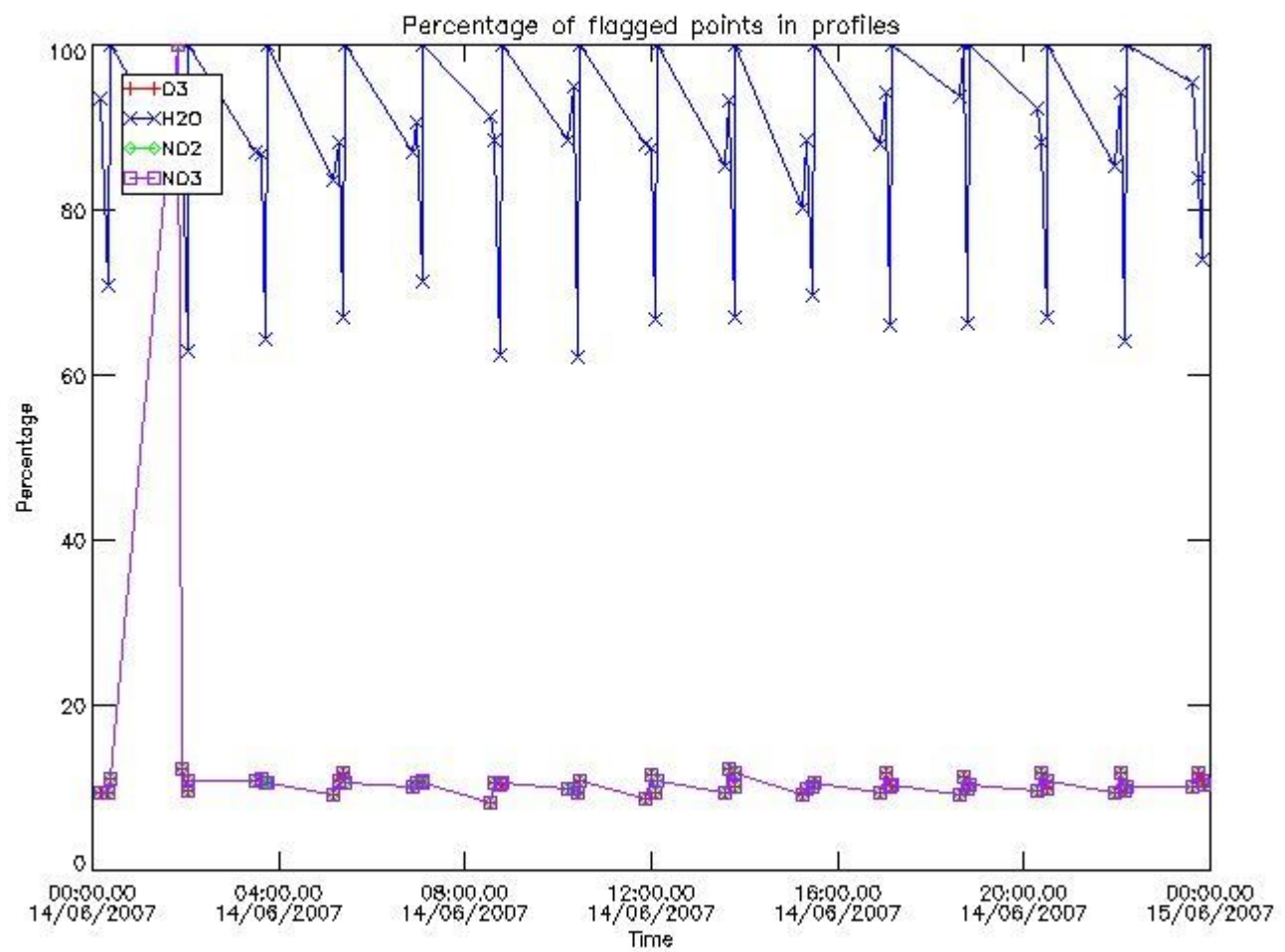
161	GOM_NL__2PRFIN20070614_142021_000000362059_00039_27648_9702.N1	14-JUN-2007 14:20:21	Bright	35.500	127	27Bet Her	2.7810	4700.0	71	27648	No
162	GOM_NL__2PRFIN20070614_142325_000000402059_00039_27648_9703.N1	14-JUN-2007 14:23:25	Bright	39.500	133	40Zet Her	2.8070	6000.0	79	27648	No
163	GOM_NL__2PRFIN20070614_143019_000000412059_00039_27648_9704.N1	14-JUN-2007 14:30:19	Bright	40.500	130	23Bet Dra	2.7990	5800.0	81	27648	No
164	GOM_NL__2PRFIN20070614_143146_000000352059_00039_27648_9705.N1	14-JUN-2007 14:31:46	Bright	34.500	119	14Eta Dra	2.7270	4700.0	69	27648	No
165	GOM_NL__2PRFIN20070614_144708_000000432059_00039_27648_9706.N1	14-JUN-2007 14:47:08	Bright	43.000	74	11Bet Cas	2.2680	6600.0	86	27648	No
166	GOM_NL__2PRFIN20070614_144829_000000592059_00039_27648_9707.N1	14-JUN-2007 14:48:29	Bright	58.500	68	18Alp Cas	2.2250	4500.0	117	27648	No
167	GOM_NL__2PRFIN20070614_145331_000000392059_00039_27648_9708.N1	14-JUN-2007 14:53:31	Bright	38.500	73	57Gam1And	2.2600	13100.	77	27648	No
168	GOM_NL__2PRFIN20070614_145552_000000532059_00039_27648_9709.N1	14-JUN-2007 14:55:52	Twilight	53.000	53	43Bet And	2.0480	3300.0	106	27648	No
169	GOM_NL__2PRFIN20070614_145917_000000462059_00039_27648_9710.N1	14-JUN-2007 14:59:17	Twilight	46.000	50	13Alp Ari	2.0070	4250.0	92	27648	No
170	GOM_NL__2PRFIN20070614_151441_000000562059_00039_27648_9711.N1	14-JUN-2007 15:14:41	Dark	56.000	52	16Bet Cet	2.0370	4500.0	112	27648	No
171	GOM_NL__2PRFIN20070614_152059_000000522059_00039_27648_9712.N1	14-JUN-2007 15:20:59	Dark	52.000	84	Alp Phe	2.3970	4500.0	104	27648	No
172	GOM_NL__2PRFIN20070614_152707_000000502059_00040_27649_9706.N1	14-JUN-2007 15:27:07	Dark	50.000	63	Bet Gru	2.1500	2800.0	100	27649	No
173	GOM_NL__2PRFIN20070614_152910_000000482059_00040_27649_9707.N1	14-JUN-2007 15:29:10	Dark	48.000	31	Alp Gru	1.7340	15200.	96	27649	No
174	GOM_NL__2PRFIN20070614_153309_000000422059_00040_27649_9708.N1	14-JUN-2007 15:33:09	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	27649	No
175	GOM_NL__2PRFIN20070614_154126_000000452059_00040_27649_9709.N1	14-JUN-2007 15:41:26	Twilight	45.000	40	The Sco	1.8590	7100.0	90	27649	No
176	GOM_NL__2PRFIN20070614_154309_000000402059_00040_27649_9710.N1	14-JUN-2007 15:43:09	Twilight	39.500	25	35Lam Sco	1.6200	28000.	79	27649	No
177	GOM_NL__2PRFIN20070614_154432_000000472059_00040_27649_9711.N1	14-JUN-2007 15:44:32	Twilight	46.500	167	10Gam2Sgr	2.9840	4500.0	93	27649	No
178	GOM_NL__2PRFIN20070614_154948_000000402059_00040_27649_9712.N1	14-JUN-2007 15:49:48	Bright	39.500	86	35Eta Oph	2.4300	10200.	79	27649	No
179	GOM_NL__2PRFIN20070614_155133_000000382059_00040_27649_9713.N1	14-JUN-2007 15:51:33	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	27649	No
180	GOM_NL__2PRFIN20070614_155904_000000442059_00040_27649_9714.N1	14-JUN-2007 15:59:04	Bright	44.000	59	55Alp Oph	2.0800	8900.0	88	27649	No
181	GOM_NL__2PRFIN20070614_160057_000000372059_00040_27649_9715.N1	14-JUN-2007 16:00:57	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	27649	No
182	GOM_NL__2PRFIN20070614_160401_000000382059_00040_27649_9716.N1	14-JUN-2007 16:04:01	Bright	37.500	133	40Zet Her	2.8070	6000.0	75	27649	No
183	GOM_NL__2PRFIN20070614_161055_000000402059_00040_27649_9717.N1	14-JUN-2007 16:10:55	Bright	40.000	130	23Bet Dra	2.7990	5800.0	80	27649	No
184	GOM_NL__2PRFIN20070614_161222_000000372059_00040_27649_9718.N1	14-JUN-2007 16:12:22	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	27649	No
185	GOM_NL__2PRFIN20070614_162743_000000632059_00040_27649_9719.N1	14-JUN-2007 16:27:43	Bright	63.000	74	11Bet Cas	2.2680	6600.0	126	27649	No
186	GOM_NL__2PRFIN20070614_162904_000000442059_00040_27649_9720.N1	14-JUN-2007 16:29:04	Bright	44.000	68	18Alp Cas	2.2250	4500.0	88	27649	No
187	GOM_NL__2PRFIN20070614_163406_000000562059_00040_27649_9721.N1	14-JUN-2007 16:34:06	Bright	56.000	73	57Gam1And	2.2600	13100.	112	27649	No
188	GOM_NL__2PRFIN20070614_163628_000000532059_00040_27649_9722.N1	14-JUN-2007 16:36:28	Twilight	53.000	53	43Bet And	2.0480	3300.0	106	27649	No
189	GOM_NL__2PRFIN20070614_163953_000000462059_00040_27649_9723.N1	14-JUN-2007 16:39:53	Twilight	46.000	50	13Alp Ari	2.0070	4250.0	92	27649	No
190	GOM_NL__2PRFIN20070614_165518_000000552059_00040_27649_9724.N1	14-JUN-2007 16:55:18	Dark	54.500	52	16Bet Cet	2.0370	4500.0	109	27649	No
191	GOM_NL__2PRFIN20070614_170136_000000442059_00040_27649_9725.N1	14-JUN-2007 17:01:36	Dark	43.500	84	Alp Phe	2.3970	4500.0	87	27649	No
192	GOM_NL__2PRFIN20070614_170744_000000512059_00041_27650_9723.N1	14-JUN-2007 17:07:44	Dark	50.500	63	Bet Gru	2.1500	2800.0	101	27650	No
193	GOM_NL__2PRFIN20070614_170947_000000492059_00041_27650_9724.N1	14-JUN-2007 17:09:47	Dark	49.000	31	Alp Gru	1.7340	15200.	98	27650	No
194	GOM_NL__2PRFIN20070614_171346_000000432059_00041_27650_9725.N1	14-JUN-2007 17:13:46	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	27650	No
195	GOM_NL__2PRFIN20070614_172202_000000452059_00041_27650_9726.N1	14-JUN-2007 17:22:02	Twilight	45.000	40	The Sco	1.8590	7100.0	90	27650	No
196	GOM_NL__2PRFIN20070614_172345_000000442059_00041_27650_9727.N1	14-JUN-2007 17:23:45	Twilight	44.000	25	35Lam Sco	1.6200	28000.	88	27650	No
197	GOM_NL__2PRFIN20070614_172508_000000462059_00041_27650_9728.N1	14-JUN-2007 17:25:08	Twilight	45.500	167	10Gam2Sgr	2.9840	4500.0	91	27650	No
198	GOM_NL__2PRFIN20070614_173025_000000402059_00041_27650_9729.N1	14-JUN-2007 17:30:25	Bright	39.500	86	35Eta Oph	2.4300	10200.	79	27650	No
199	GOM_NL__2PRFIN20070614_173209_000000372059_00041_27650_9730.N1	14-JUN-2007 17:32:09	Bright	37.000	98	13Zet Oph	2.5710	30000.	74	27650	No
200	GOM_NL__2PRFIN20070614_173939_000000462059_00041_27650_9731.N1	14-JUN-2007 17:39:39	Bright	45.500	59	55Alp Oph	2.0800	8900.0	91	27650	No
201	GOM_NL__2PRFIN20070614_174133_000000382059_00041_27650_9732.N1	14-JUN-2007 17:41:33	Bright	37.500	127	27Bet Her	2.7810	4700.0	75	27650	No
202	GOM_NL__2PRFIN20070614_174437_000000382059_00041_27650_9733.N1	14-JUN-2007 17:44:37	Bright	37.500	133	40Zet Her	2.8070	6000.0	75	27650	No
203	GOM_NL__2PRFIN20070614_175130_000000402059_00041_27650_9734.N1	14-JUN-2007 17:51:30	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	27650	No
204	GOM_NL__2PRFIN20070614_175258_000000382059_00041_27650_9735.N1	14-JUN-2007 17:52:58	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	27650	No
205	GOM_NL__2PRFIN20070614_180819_000000422059_00041_27650_9736.N1	14-JUN-2007 18:08:19	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	27650	No
206	GOM_NL__2PRFIN20070614_181443_000000492059_00041_27650_9737.N1	14-JUN-2007 18:14:43	Bright	48.500	73	57Gam1And	2.2600	13100.	97	27650	No
207	GOM_NL__2PRFIN20070614_181704_000000572059_00041_27650_9738.N1	14-JUN-2007 18:17:04	Twilight	56.500	53	43Bet And	2.0480	3300.0	113	27650	No
208	GOM_NL__2PRFIN20070614_182029_000000452059_00041_27650_9739.N1	14-JUN-2007 18:20:29	Twilight	45.000	50	13Alp Ari	2.0070	4250.0	90	27650	No
209	GOM_NL__2PRFIN20070614_183555_000000562059_00041_27650_9740.N1	14-JUN-2007 18:35:55	Dark	56.000	52	16Bet Cet	2.0370	4500.0	112	27650	No
210	GOM_NL__2PRFIN20070614_184212_000000452059_00041_27650_9741.N1	14-JUN-2007 18:42:12	Dark	45.000	84	Alp Phe	2.3970	4500.0	90	27650	No
211	GOM_NL__2PRFIN20070614_184821_000000512059_00042_27651_9749.N1	14-JUN-2007 18:48:21	Dark	51.000	63	Bet Gru	2.1500	2800.0	102	27651	No
212	GOM_NL__2PRFIN20070614_185024_000000492059_00042_27651_9750.N1	14-JUN-2007 18:50:24	Dark	49.000	31	Alp Gru	1.7340	15200.	98	27651	No
213	GOM_NL__2PRFIN20070614_185422_000000402059_00042_27651_9751.N1	14-JUN-2007 18:54:22	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	27651	No
214	GOM_NL__2PRFIN20070614_190238_000000412059_00042_27651_9752.N1	14-JUN-2007 19:02:38	Twilight	40.500	40	The Sco	1.8590	7100.0	81	27651	No
215	GOM_NL__2PRFIN20070614_190421_000000452059_00042_27651_9753.N1	14-JUN-2007 19:04:21	Twilight	45.000	25	35Lam Sco	1.6200	28000.	90	27651	No
216	GOM_NL__2PRFIN20070614_190544_000000462059_00042_27651_9754.N1	14-JUN-2007 19:05:44	Twilight	46.000	167	10Gam2Sgr	2.9840	4500.0	92	27651	No
217	GOM_NL__2PRFIN20070614_191101_000000392059_00042_27651_9755.N1	14-JUN-2007 19:11:01	Bright	38.500	86	35Eta Oph	2.4300	10200.	77	27651	No
218	GOM_NL__2PRFIN20070614_191245_000000372059_00042_27651_9756.N1	14-JUN-2007 19:12:45	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	27651	No
219	GOM_NL__2PRFIN20070614_192015_000000452059_00042_27651_9757.N1	14-JUN-2007 19:20:15	Bright	45.000	59	55Alp Oph	2.0800	8900.0	90	27651	No

220	GOM_NL__2PRFIN20070614_192209_000000392059_00042_27651_9758.N1	14-JUN-2007 19:22:09	Bright	38.500	127	27Bet Her	2.7810	4700.0	77	27651	No
221	GOM_NL__2PRFIN20070614_192513_000000532059_00042_27651_9759.N1	14-JUN-2007 19:25:13	Bright	52.500	133	40Zet Her	2.8070	6000.0	105	27651	No
222	GOM_NL__2PRFIN20070614_193206_000000412059_00042_27651_9760.N1	14-JUN-2007 19:32:06	Bright	40.500	130	23Bet Dra	2.7990	5800.0	81	27651	No
223	GOM_NL__2PRFIN20070614_193334_000000382059_00042_27651_9761.N1	14-JUN-2007 19:33:34	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	27651	No
224	GOM_NL__2PRFIN20070614_194855_000000422059_00042_27651_9762.N1	14-JUN-2007 19:48:55	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	27651	No
225	GOM_NL__2PRFIN20070614_195519_000000562059_00042_27651_9763.N1	14-JUN-2007 19:55:19	Bright	56.000	73	57Gam1And	2.2600	13100.	112	27651	No
226	GOM_NL__2PRFIN20070614_195740_000000532059_00042_27651_9764.N1	14-JUN-2007 19:57:40	Twilight	53.000	53	43Bet And	2.0480	3300.0	106	27651	No
227	GOM_NL__2PRFIN20070614_200106_000000452059_00042_27651_9765.N1	14-JUN-2007 20:01:06	Twilight	45.000	50	13Alp Ari	2.0070	4250.0	90	27651	No
228	GOM_NL__2PRFIN20070614_201631_000000532059_00042_27651_9766.N1	14-JUN-2007 20:16:31	Dark	53.000	52	16Bet Cet	2.0370	4500.0	106	27651	No
229	GOM_NL__2PRFIN20070614_202249_000000432059_00042_27651_9767.N1	14-JUN-2007 20:22:49	Dark	43.000	84	Alp Phe	2.3970	4500.0	86	27651	No
230	GOM_NL__2PRFIN20070614_202858_000000522059_00043_27652_9768.N1	14-JUN-2007 20:28:58	Dark	52.000	63	Bet Gru	2.1500	2800.0	104	27652	No
231	GOM_NL__2PRFIN20070614_203101_000000472059_00043_27652_9769.N1	14-JUN-2007 20:31:01	Dark	46.500	31	Alp Gru	1.7340	15200.	93	27652	No
232	GOM_NL__2PRFIN20070614_203459_000000422059_00043_27652_9770.N1	14-JUN-2007 20:34:59	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	27652	No
233	GOM_NL__2PRFIN20070614_204314_000000452059_00043_27652_9771.N1	14-JUN-2007 20:43:14	Twilight	44.500	40	The Sco	1.8590	7100.0	89	27652	No
234	GOM_NL__2PRFIN20070614_204458_000000412059_00043_27652_9772.N1	14-JUN-2007 20:44:58	Twilight	41.000	25	35Lam Sco	1.6200	28000.	82	27652	No
235	GOM_NL__2PRFIN20070614_204621_000000492059_00043_27652_9773.N1	14-JUN-2007 20:46:21	Twilight	48.500	167	10Gam2Sgr	2.9840	4500.0	97	27652	No
236	GOM_NL__2PRFIN20070614_205137_000000402059_00043_27652_9774.N1	14-JUN-2007 20:51:37	Bright	39.500	86	35Eta Oph	2.4300	10200.	79	27652	No
237	GOM_NL__2PRFIN20070614_205321_000000372059_00043_27652_9775.N1	14-JUN-2007 20:53:21	Bright	37.000	98	13Zet Oph	2.5710	30000.	74	27652	No
238	GOM_NL__2PRFIN20070614_210051_000000452059_00043_27652_9776.N1	14-JUN-2007 21:00:51	Bright	44.500	59	55Alp Oph	2.0800	8900.0	89	27652	No
239	GOM_NL__2PRFIN20070614_210244_000000382059_00043_27652_9777.N1	14-JUN-2007 21:02:44	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	27652	No
240	GOM_NL__2PRFIN20070614_210548_000000372059_00043_27652_9778.N1	14-JUN-2007 21:05:48	Bright	37.000	133	40Zet Her	2.8070	6000.0	74	27652	No
241	GOM_NL__2PRFIN20070614_211241_000000402059_00043_27652_9779.N1	14-JUN-2007 21:12:41	Bright	40.000	130	23Bet Dra	2.7990	5800.0	80	27652	No
242	GOM_NL__2PRFIN20070614_211409_000000372059_00043_27652_9780.N1	14-JUN-2007 21:14:09	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	27652	No
243	GOM_NL__2PRFIN20070614_212930_000000432059_00043_27652_9781.N1	14-JUN-2007 21:29:30	Bright	43.000	74	11Bet Cas	2.2680	6600.0	86	27652	No
244	GOM_NL__2PRFIN20070614_213555_000000402059_00043_27652_9782.N1	14-JUN-2007 21:35:55	Bright	39.500	73	57Gam1And	2.2600	13100.	79	27652	No
245	GOM_NL__2PRFIN20070614_213815_000000582059_00043_27652_9783.N1	14-JUN-2007 21:38:15	Twilight	58.000	53	43Bet And	2.0480	3300.0	116	27652	No
246	GOM_NL__2PRFIN20070614_214142_000000502059_00043_27652_9784.N1	14-JUN-2007 21:41:42	Twilight	50.000	50	13Alp Ari	2.0070	4250.0	100	27652	No
247	GOM_NL__2PRFIN20070614_215708_000000552059_00043_27652_9785.N1	14-JUN-2007 21:57:08	Dark	54.500	52	16Bet Cet	2.0370	4500.0	109	27652	No
248	GOM_NL__2PRFIN20070614_220326_000000432059_00043_27652_9786.N1	14-JUN-2007 22:03:26	Dark	43.000	84	Alp Phe	2.3970	4500.0	86	27652	No
249	GOM_NL__2PRFIN20070614_220935_000000542059_00044_27653_9790.N1	14-JUN-2007 22:09:35	Dark	53.500	63	Bet Gru	2.1500	2800.0	107	27653	No
250	GOM_NL__2PRFIN20070614_221138_000000512059_00044_27653_9791.N1	14-JUN-2007 22:11:38	Dark	50.500	31	Alp Gru	1.7340	15200.	101	27653	No
251	GOM_NL__2PRFIN20070614_221535_000000422059_00044_27653_9792.N1	14-JUN-2007 22:15:35	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	27653	No
252	GOM_NL__2PRFIN20070614_222351_000000442059_00044_27653_9793.N1	14-JUN-2007 22:23:51	Twilight	43.500	40	The Sco	1.8590	7100.0	87	27653	No
253	GOM_NL__2PRFIN20070614_222534_000000432059_00044_27653_9794.N1	14-JUN-2007 22:25:34	Twilight	43.000	25	35Lam Sco	1.6200	28000.	86	27653	No
254	GOM_NL__2PRFIN20070614_222657_000000482059_00044_27653_9795.N1	14-JUN-2007 22:26:57	Twilight	48.000	167	10Gam2Sgr	2.9840	4500.0	96	27653	No
255	GOM_NL__2PRFIN20070614_223213_000000382059_00044_27653_9796.N1	14-JUN-2007 22:32:13	Bright	38.000	86	35Eta Oph	2.4300	10200.	76	27653	No
256	GOM_NL__2PRFIN20070614_223357_000000372059_00044_27653_9797.N1	14-JUN-2007 22:33:57	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	27653	No
257	GOM_NL__2PRFIN20070614_224126_000000452059_00044_27653_9798.N1	14-JUN-2007 22:41:26	Bright	44.500	59	55Alp Oph	2.0800	8900.0	89	27653	No
258	GOM_NL__2PRFIN20070614_224320_000000372059_00044_27653_9799.N1	14-JUN-2007 22:43:20	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	27653	No
259	GOM_NL__2PRFIN20070614_224624_000000362059_00044_27653_9800.N1	14-JUN-2007 22:46:24	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	27653	No
260	GOM_NL__2PRFIN20070614_225317_000000402059_00044_27653_9801.N1	14-JUN-2007 22:53:17	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	27653	No
261	GOM_NL__2PRFIN20070614_225445_000000362059_00044_27653_9802.N1	14-JUN-2007 22:54:45	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	27653	No
262	GOM_NL__2PRFIN20070614_231006_000000642059_00044_27653_9803.N1	14-JUN-2007 23:10:06	Bright	64.000	74	11Bet Cas	2.2680	6600.0	128	27653	No
263	GOM_NL__2PRFIN20070614_231630_000000472059_00044_27653_9804.N1	14-JUN-2007 23:16:30	Bright	47.000	73	57Gam1And	2.2600	13100.	94	27653	No
264	GOM_NL__2PRFIN20070614_231851_000000622059_00044_27653_9805.N1	14-JUN-2007 23:18:51	Twilight	62.000	53	43Bet And	2.0480	3300.0	124	27653	No
265	GOM_NL__2PRFIN20070614_232218_000000482059_00044_27653_9806.N1	14-JUN-2007 23:22:18	Twilight	47.500	50	13Alp Ari	2.0070	4250.0	95	27653	No
266	GOM_NL__2PRFIN20070614_233745_000000552059_00044_27653_9807.N1	14-JUN-2007 23:37:45	Dark	55.000	52	16Bet Cet	2.0370	4500.0	110	27653	No
267	GOM_NL__2PRFIN20070614_234402_000000442059_00044_27653_9808.N1	14-JUN-2007 23:44:02	Dark	43.500	84	Alp Phe	2.3970	4500.0	87	27653	No
268	GOM_NL__2PRFIN20070614_235012_000000472059_00045_27654_9805.N1	14-JUN-2007 23:50:12	Dark	46.500	63	Bet Gru	2.1500	2800.0	93	27654	No
269	GOM_NL__2PRFIN20070614_235215_000000502059_00045_27654_9806.N1	14-JUN-2007 23:52:15	Dark	49.500	31	Alp Gru	1.7340	15200.	99	27654	No
270	GOM_NL__2PRFIN20070614_235612_000000422059_00045_27654_9807.N1	14-JUN-2007 23:56:12	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	27654	No

3. Quality information per product

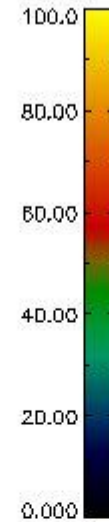
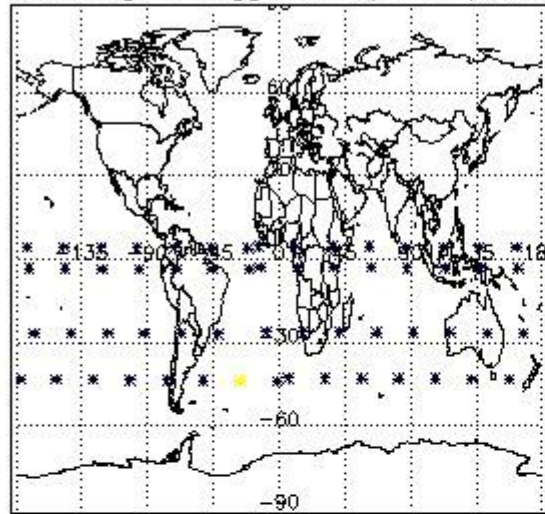
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

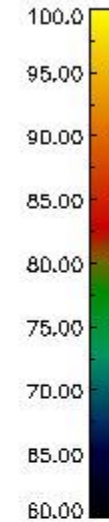
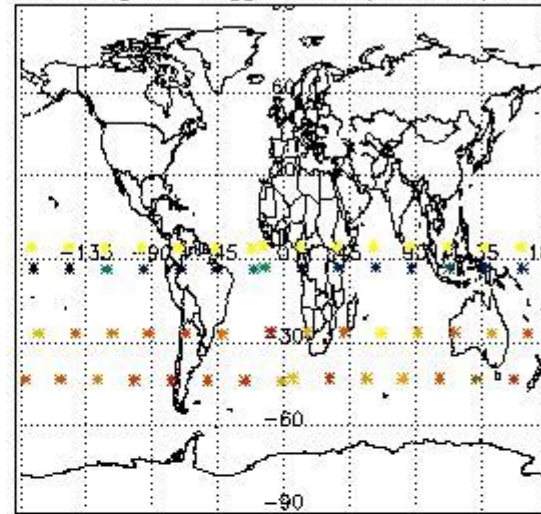


3.2 Plot quality information per product (world map)

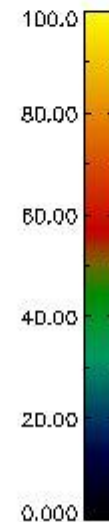
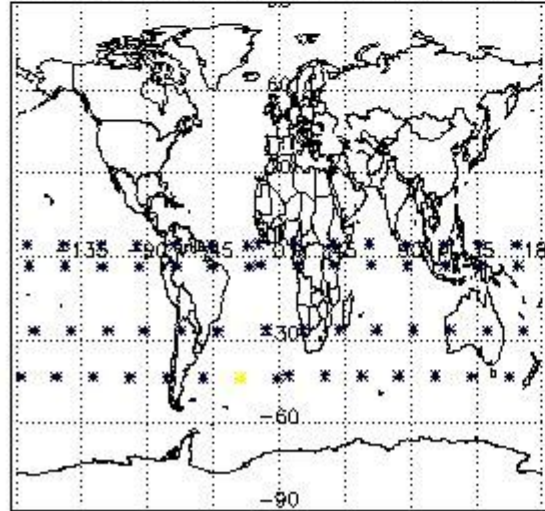
Percentage of flagged data per O3 profile



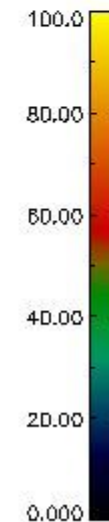
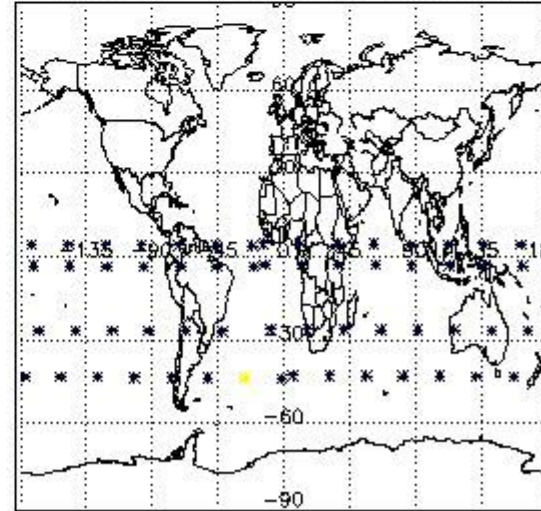
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

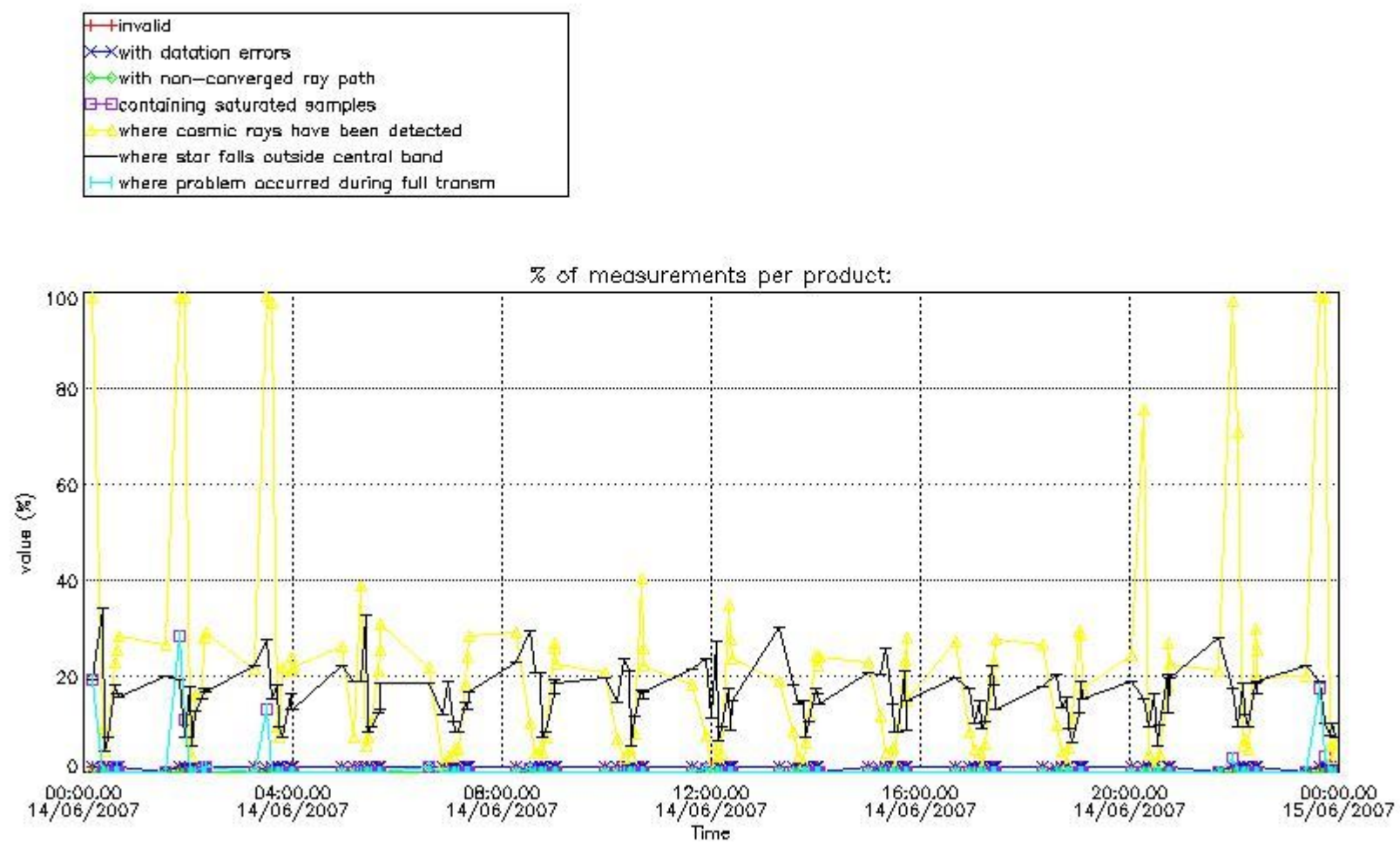


4. Level 1 quality information per product

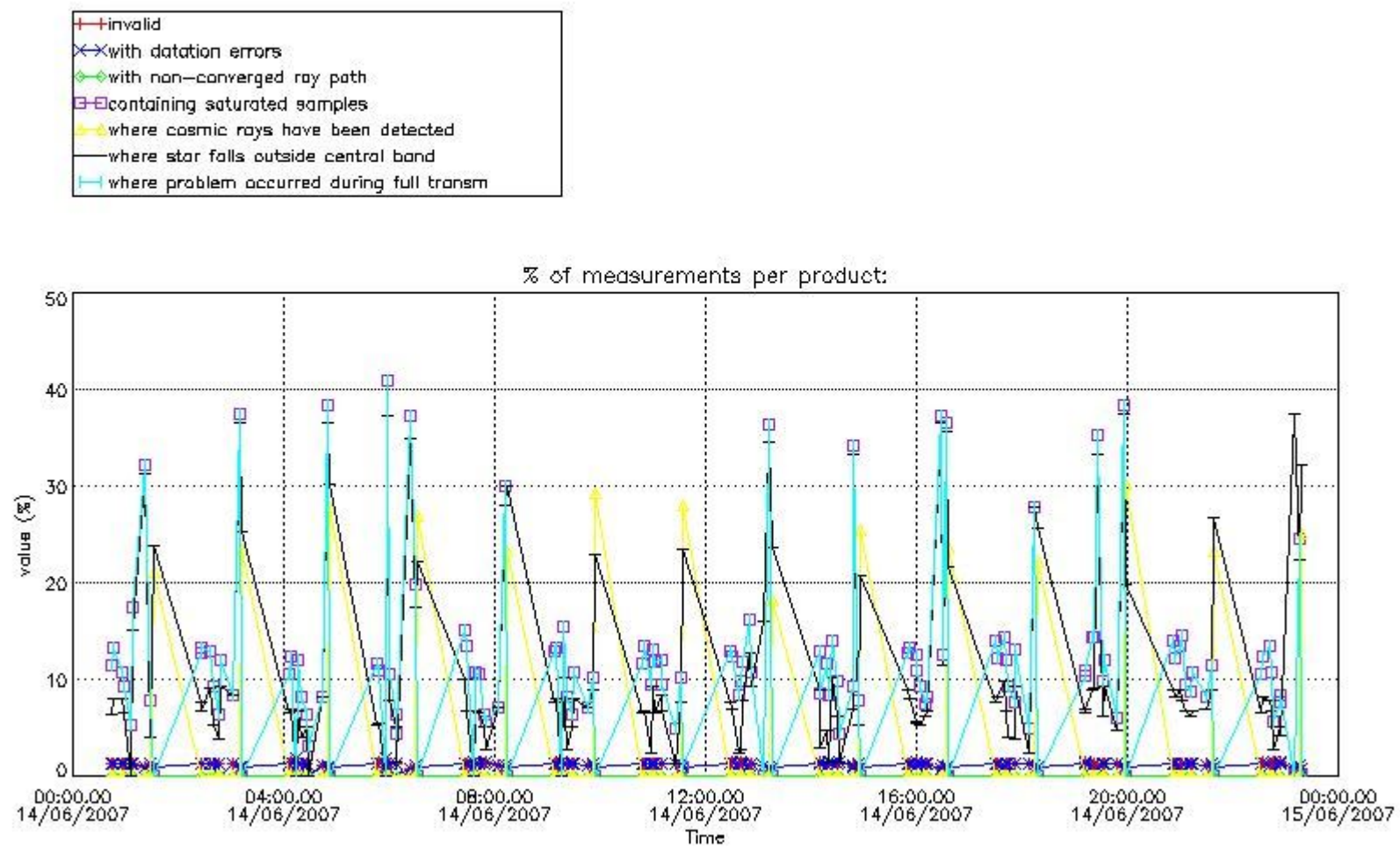
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

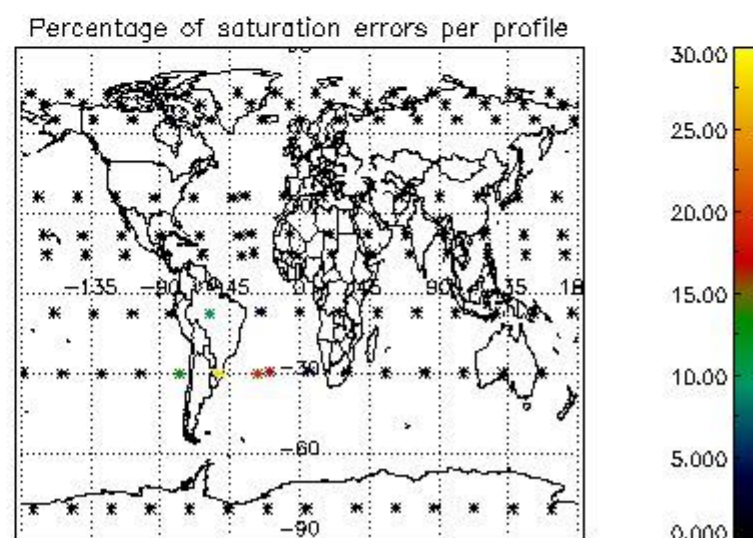
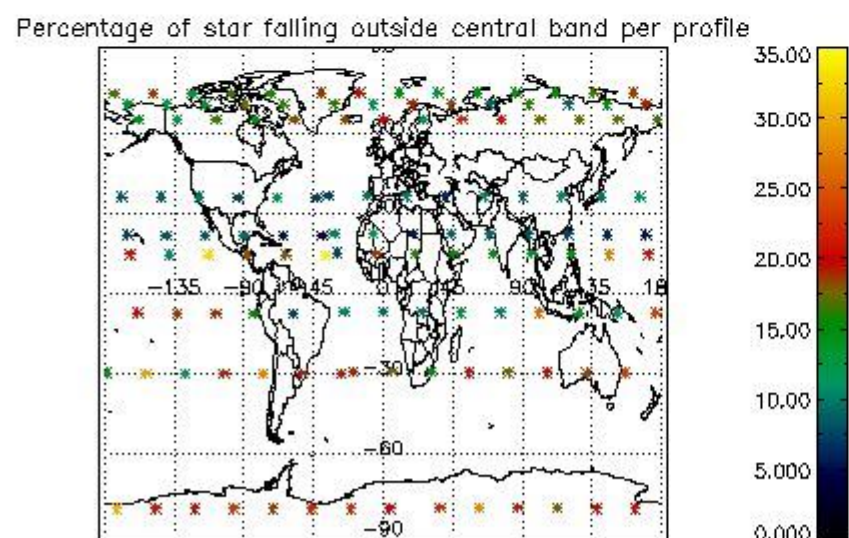
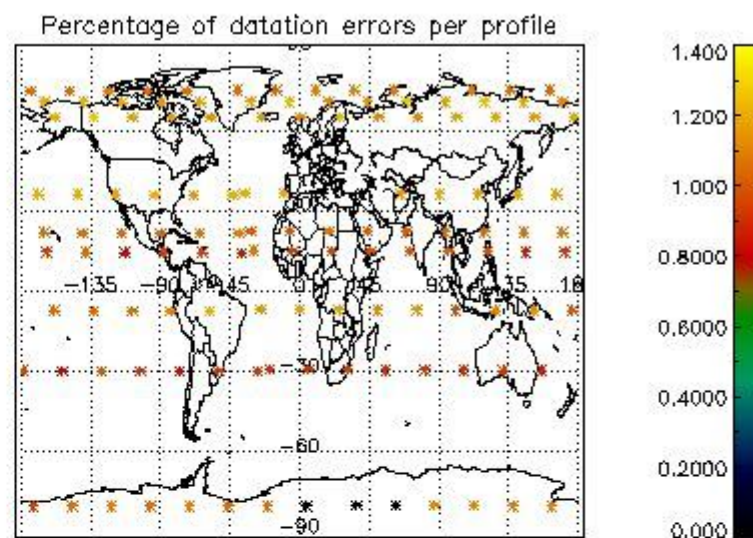
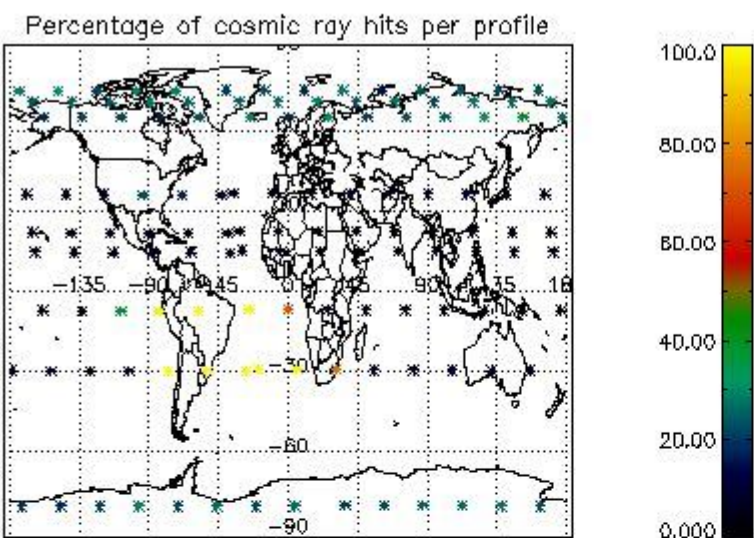


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

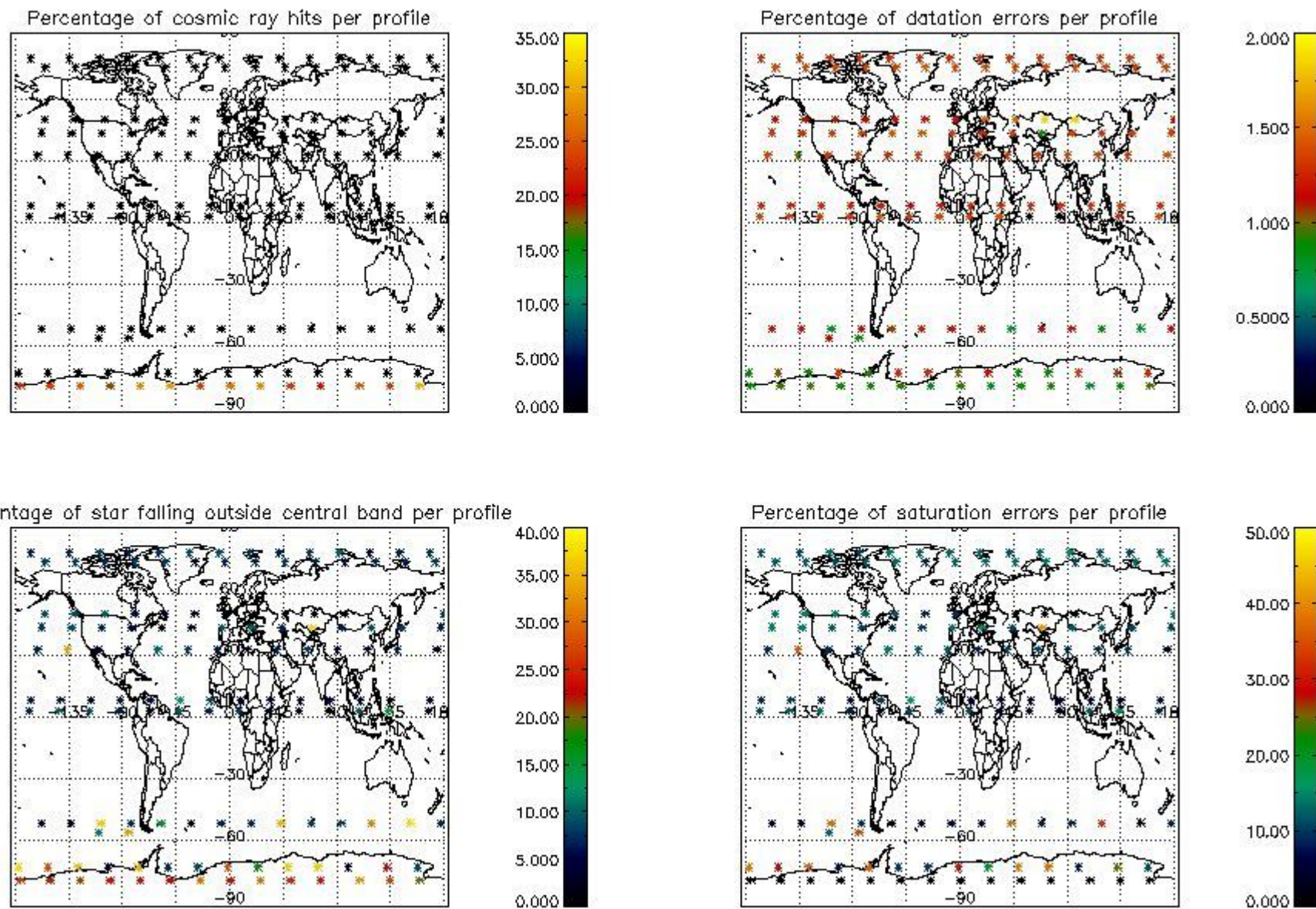


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

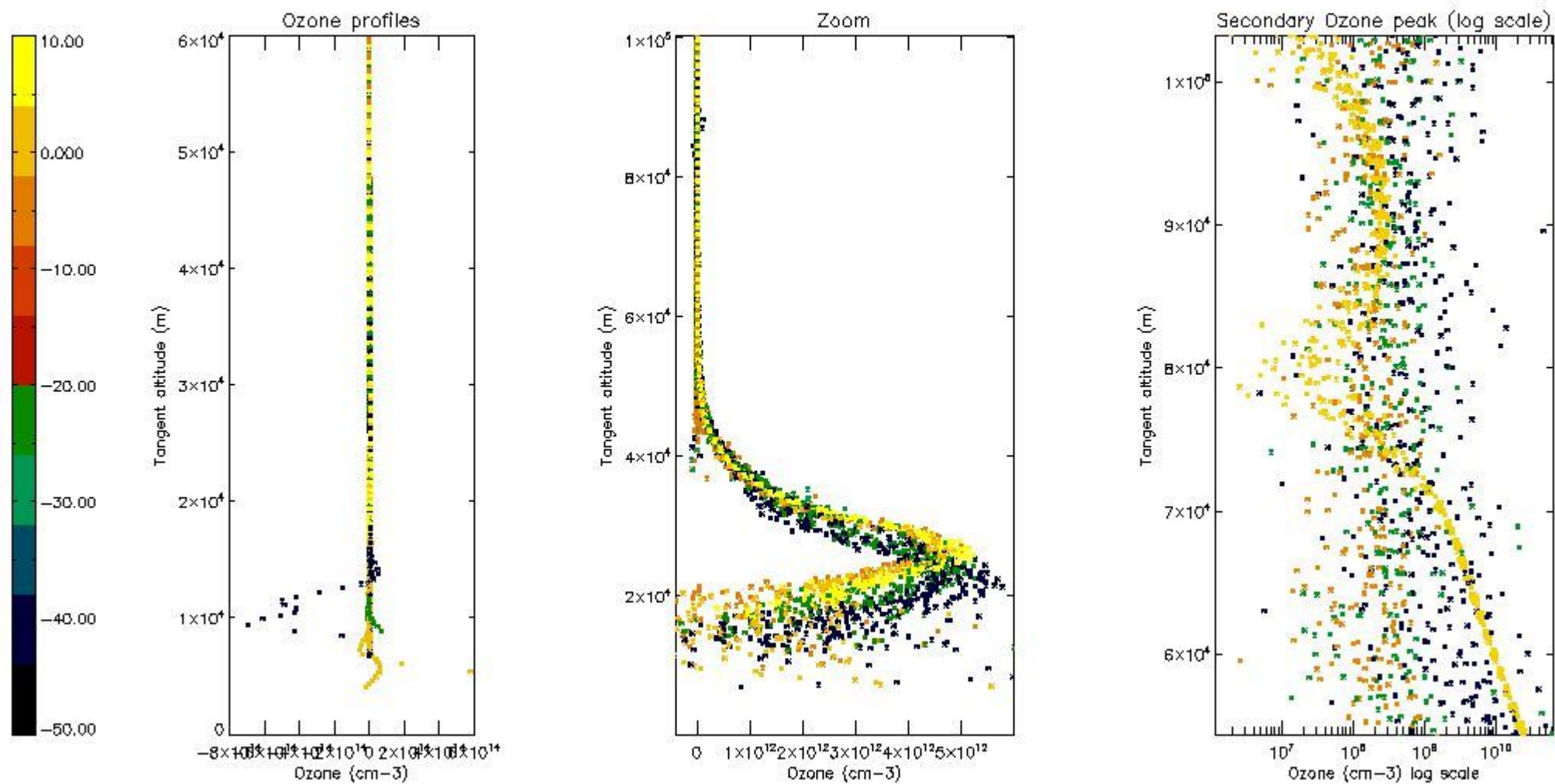
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

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

STD < 10	6
STD < 5	3

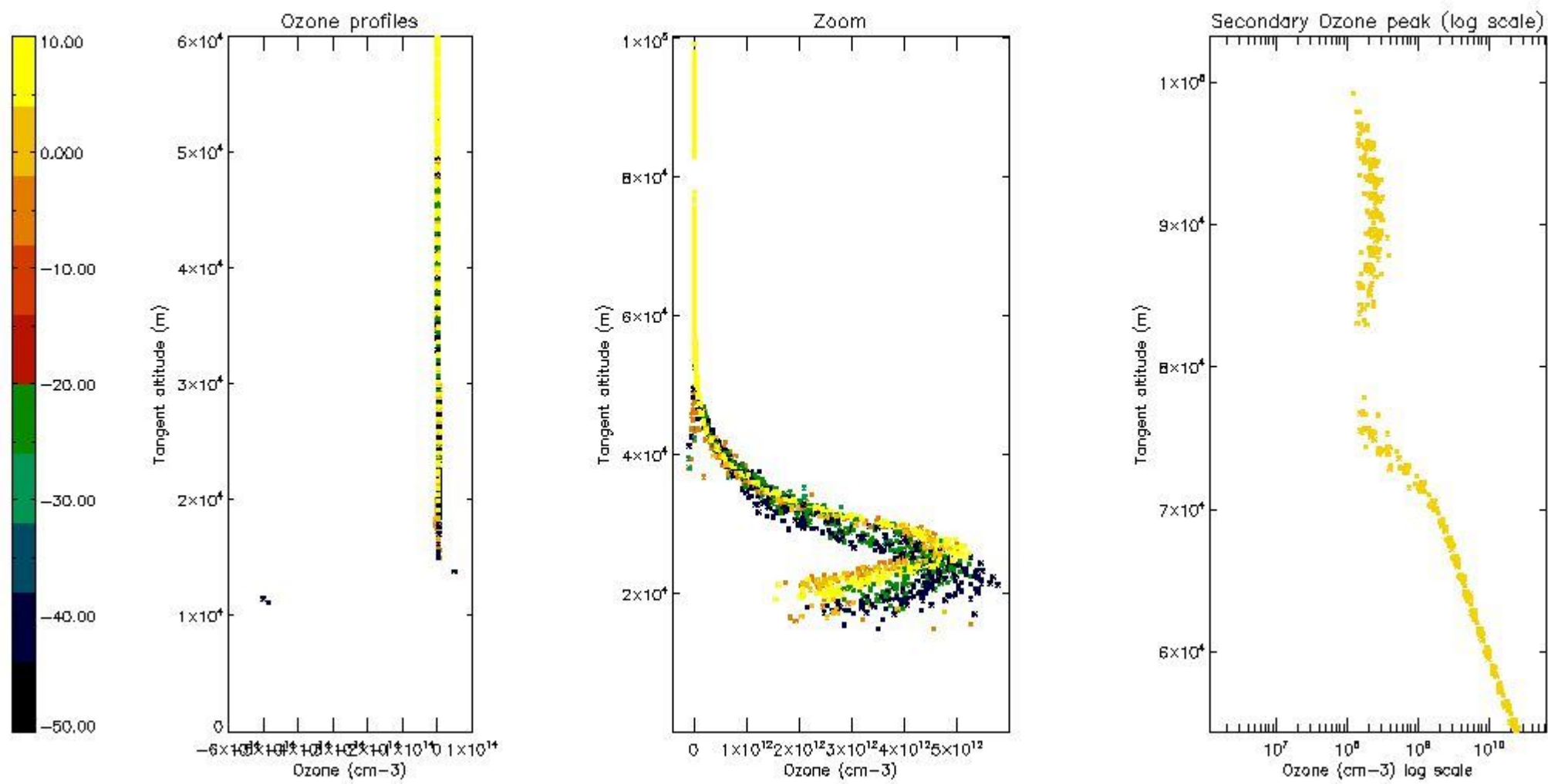
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



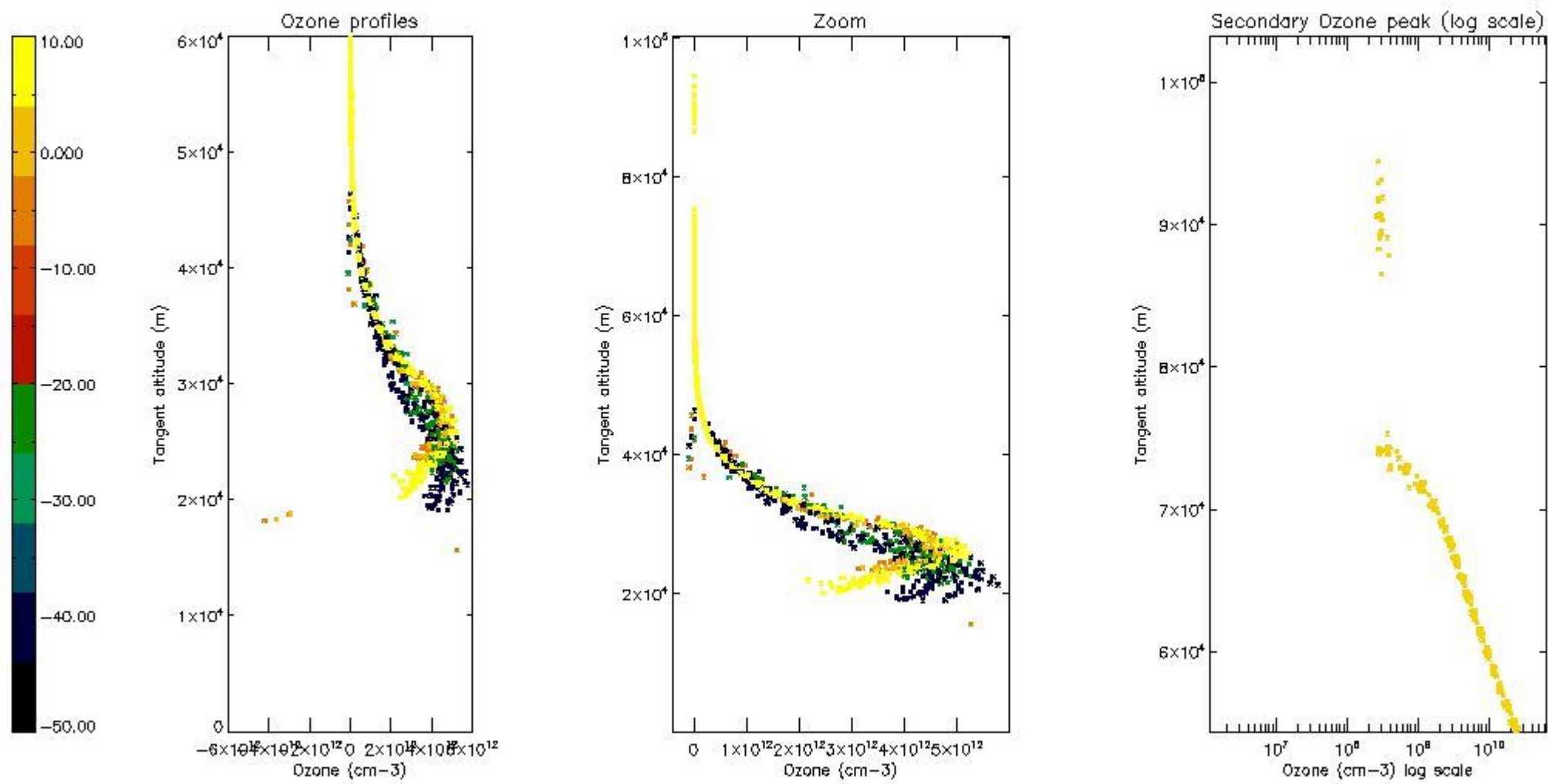
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



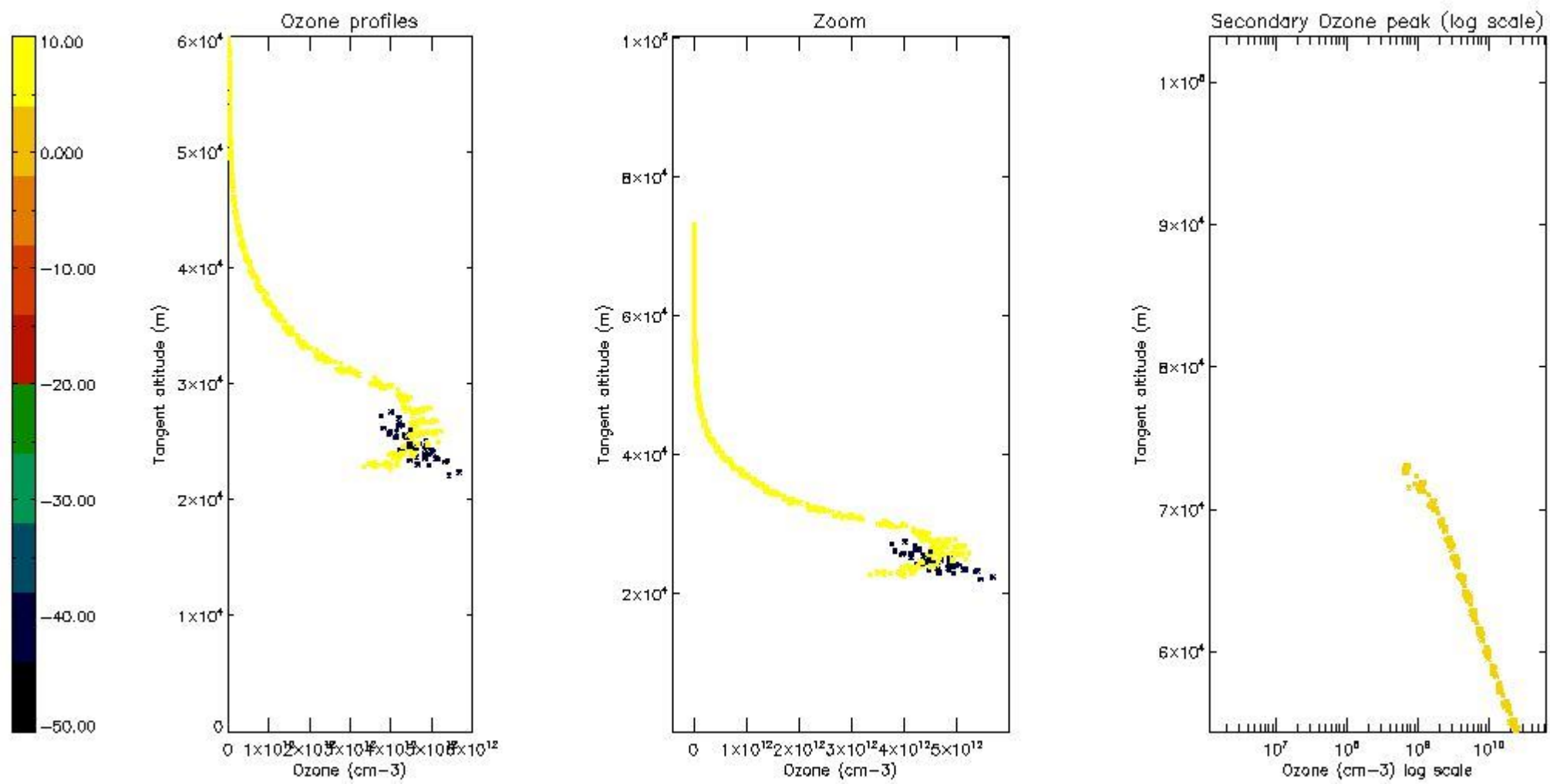
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



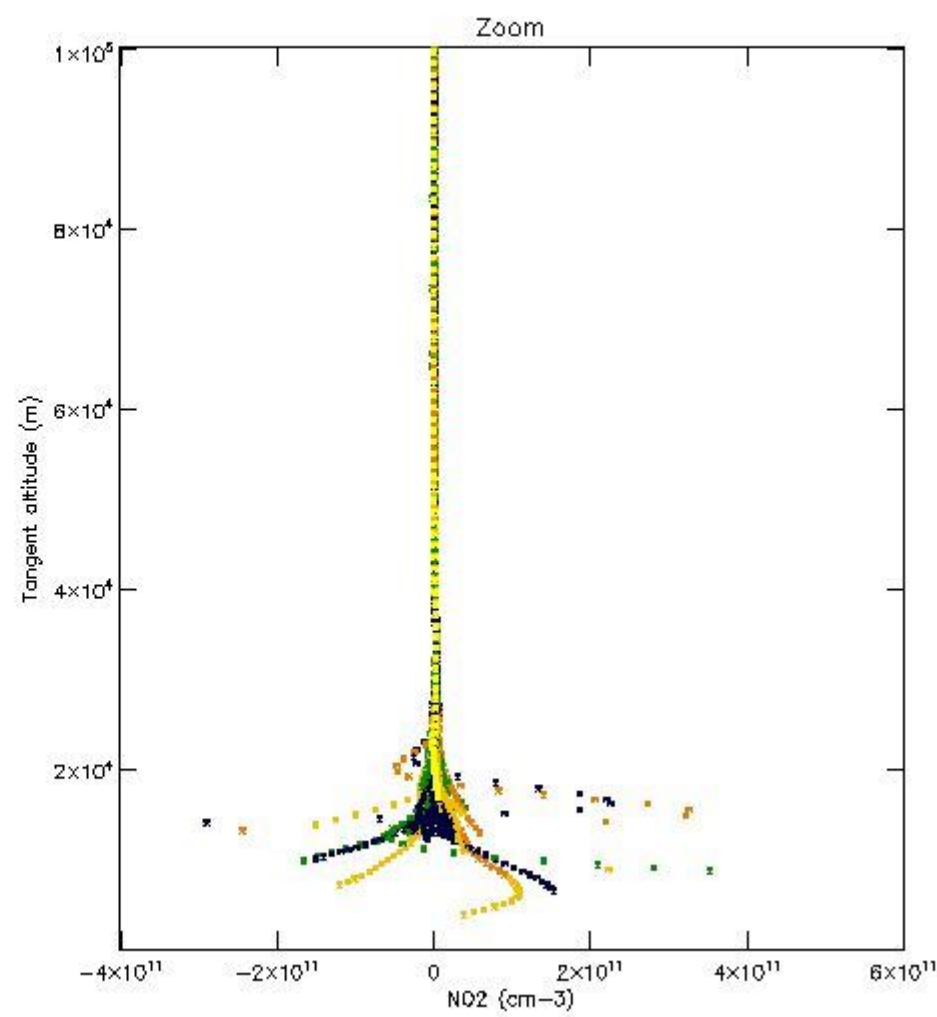
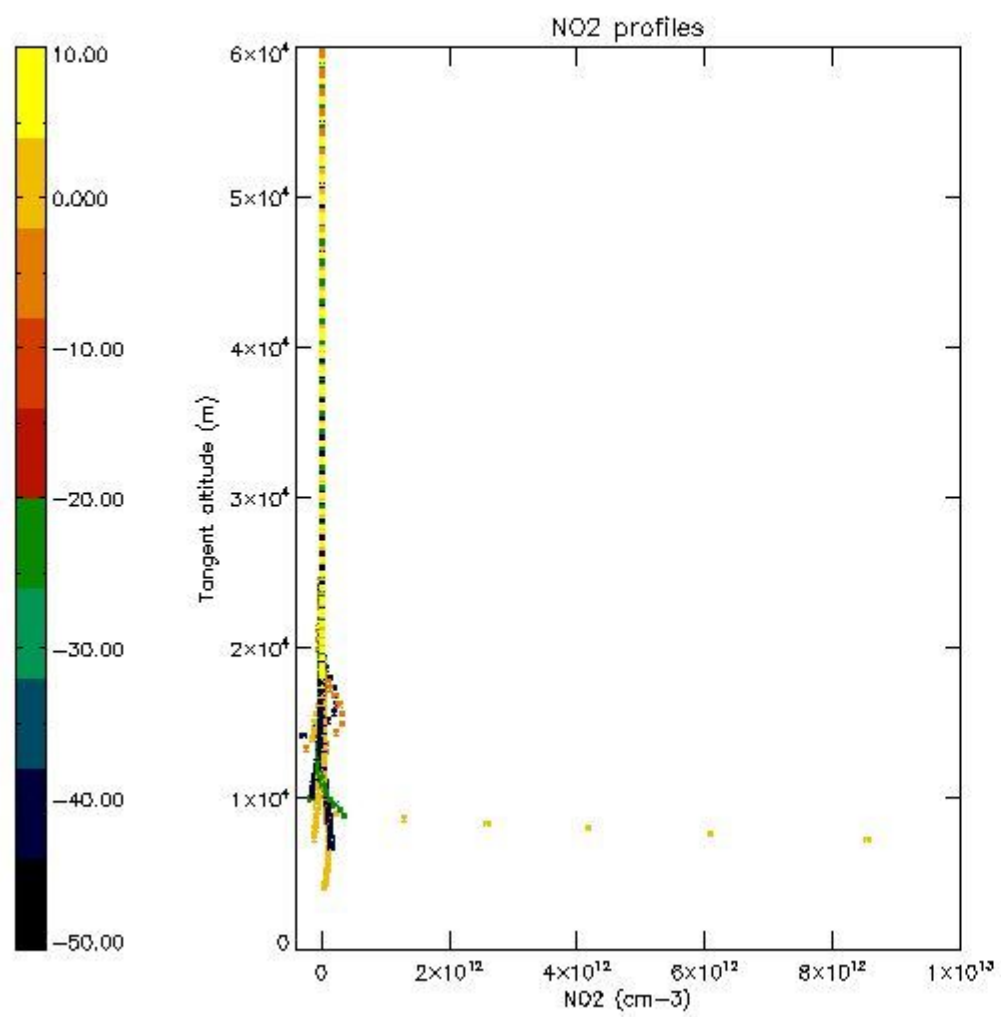
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



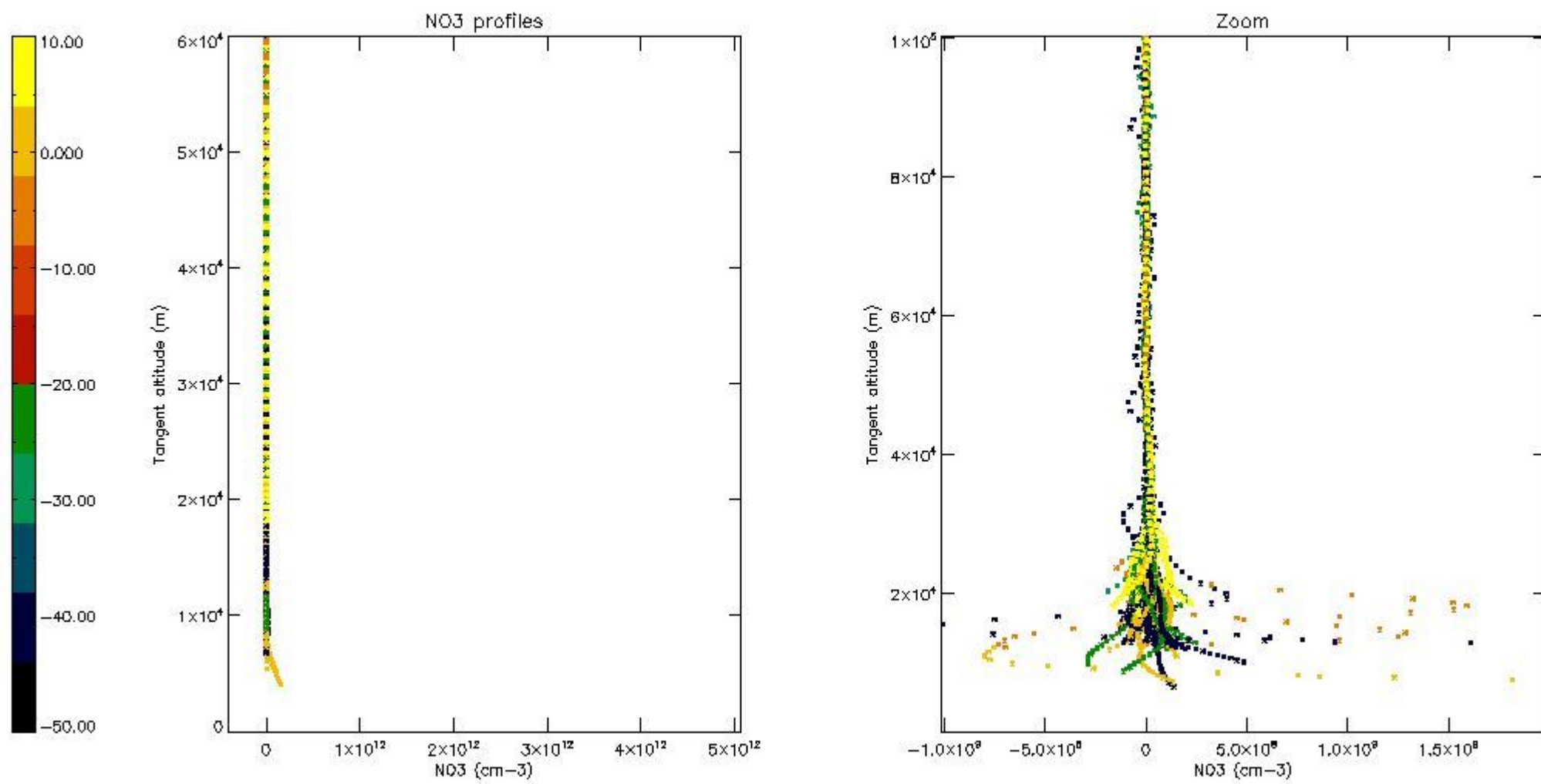
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



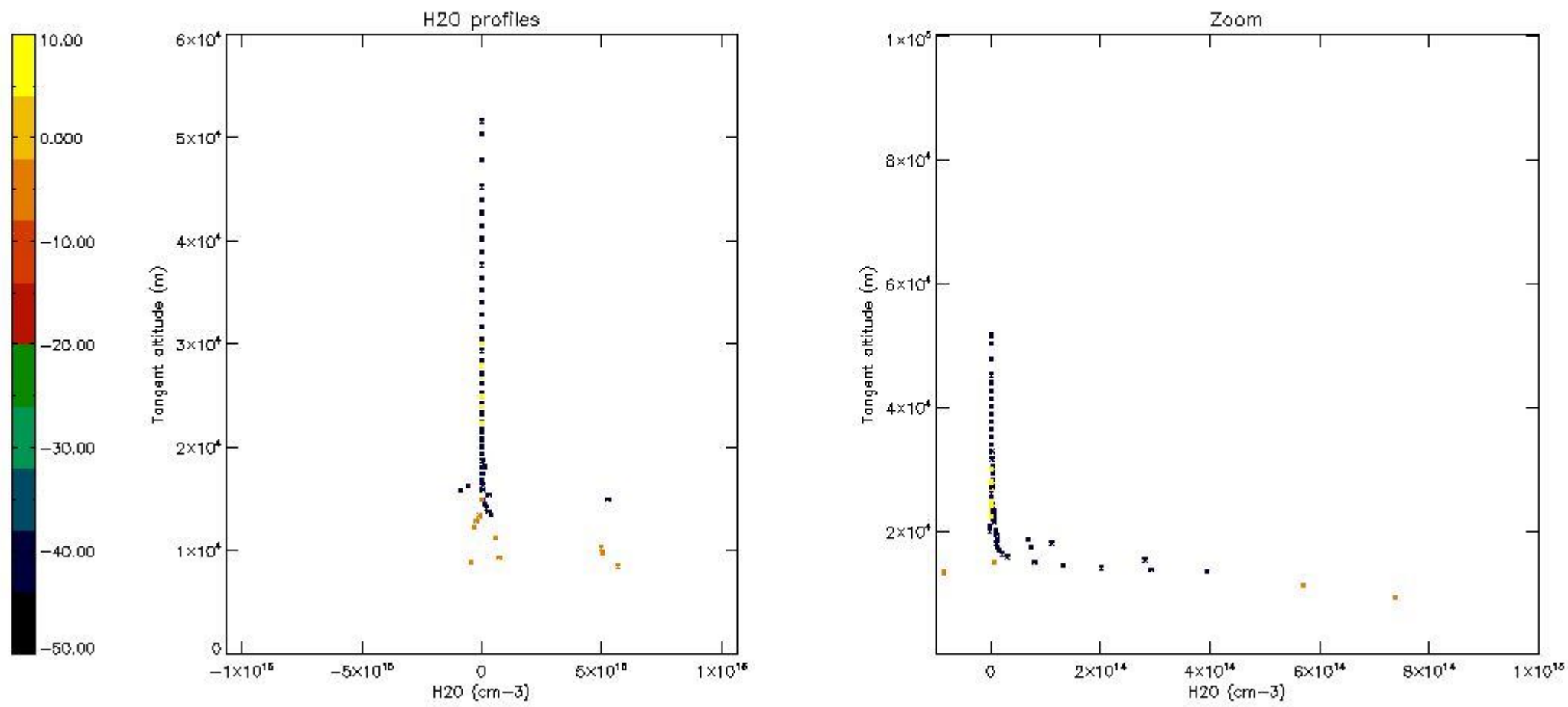
5.7 Plot NO3 profiles for all STD (dark without errors)

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	14-JUN-2007 00:09:08
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	14-JUN-2007 00:09:08
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	14-JUN-2007 00:09:08

GOMOS Level 2 Daily Report

SUMMARY

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

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

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[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](#)

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

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

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[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	22APR2013 20:44:22
Data source version	GOMOS/6.01
Start time of products	14-06-2007 (14JUN2007 00:00:00)
Stop time of products	15-06-2007 (15JUN2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	270
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

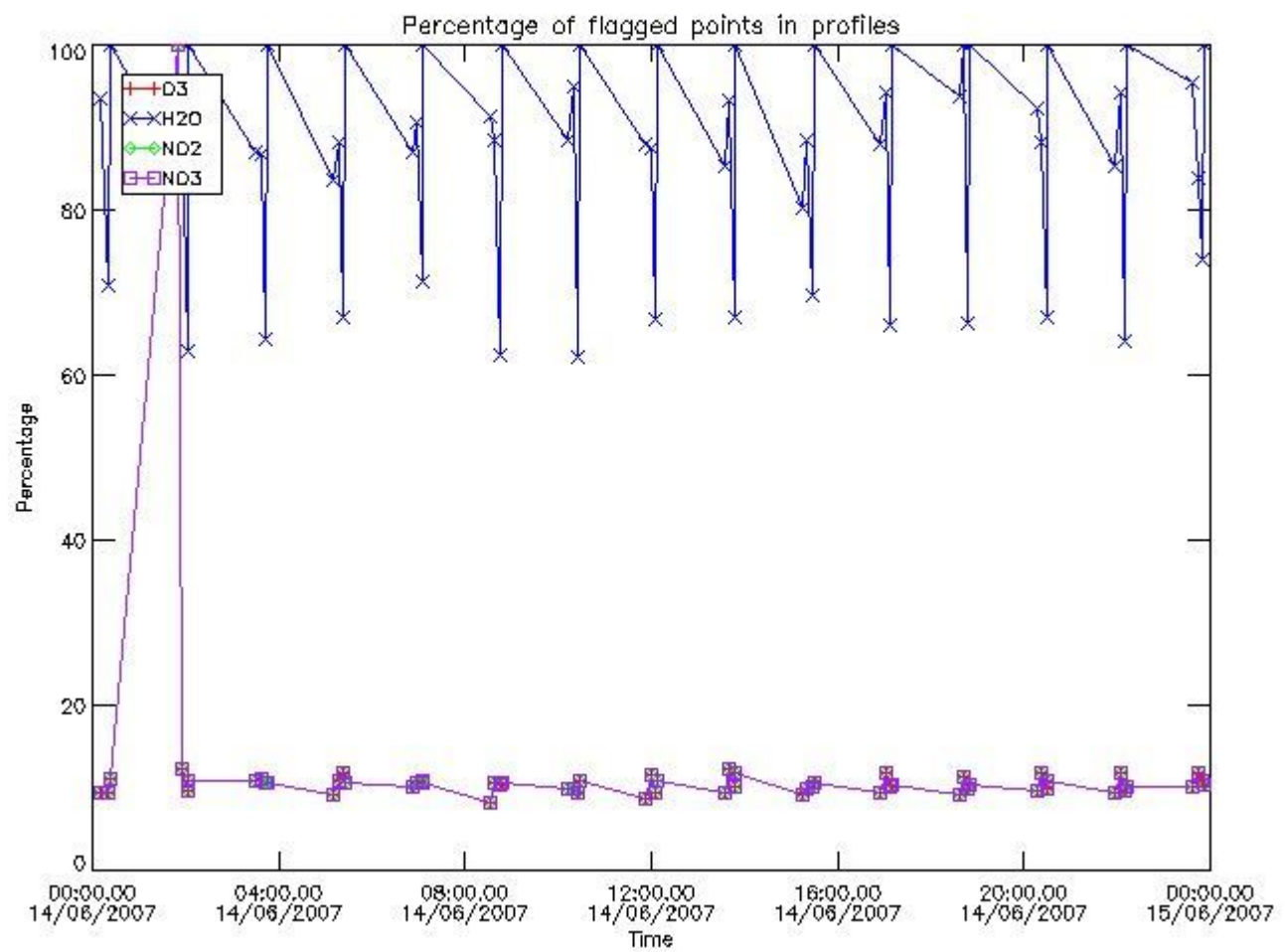
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20070614_000908_000000552059_00030_27639_9494.N1	14-JUN-2007 00:09:08	Dark	54.500	52	16Bet Cet	2.0370	4500.0	109	27639	No
2	GOM_NL__2PRFIN20070614_002135_000000662059_00031_27640_9524.N1	14-JUN-2007 00:21:35	Dark	65.500	63	Bet Gru	2.1500	2800.0	131	27640	No
3	GOM_NL__2PRFIN20070614_002338_000000462059_00031_27640_9525.N1	14-JUN-2007 00:23:38	Dark	46.000	31	Alp Gru	1.7340	15200.	92	27640	No
4	GOM_NL__2PRFIN20070614_002740_000000422059_00031_27640_9526.N1	14-JUN-2007 00:27:40	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	27640	No
5	GOM_NL__2PRFIN20070614_003559_000000442059_00031_27640_9527.N1	14-JUN-2007 00:35:59	Twilight	44.000	40	The Sco	1.8590	7100.0	88	27640	No
6	GOM_NL__2PRFIN20070614_003743_000000432059_00031_27640_9528.N1	14-JUN-2007 00:37:43	Twilight	43.000	25	35Lam Sco	1.6200	28000.	86	27640	No
7	GOM_NL__2PRFIN20070614_003905_000000482059_00031_27640_9529.N1	14-JUN-2007 00:39:05	Twilight	47.500	167	10Gam2Sgr	2.9840	4500.0	95	27640	No
8	GOM_NL__2PRFIN20070614_004424_000000392059_00031_27640_9530.N1	14-JUN-2007 00:44:24	Bright	39.000	86	35Eta Oph	2.4300	10200.	78	27640	No
9	GOM_NL__2PRFIN20070614_004609_000000382059_00031_27640_9531.N1	14-JUN-2007 00:46:09	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	27640	No
10	GOM_NL__2PRFIN20070614_005534_000000382059_00031_27640_9532.N1	14-JUN-2007 00:55:34	Bright	37.500	127	27Bet Her	2.7810	4700.0	75	27640	No
11	GOM_NL__2PRFIN20070614_005839_000000382059_00031_27640_9533.N1	14-JUN-2007 00:58:39	Bright	38.000	133	40Zet Her	2.8070	6000.0	76	27640	No
12	GOM_NL__2PRFIN20070614_010535_000000382059_00031_27640_9534.N1	14-JUN-2007 01:05:35	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	27640	No
13	GOM_NL__2PRFIN20070614_010700_000000402059_00031_27640_9535.N1	14-JUN-2007 01:07:00	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	27640	No
14	GOM_NL__2PRFIN20070614_012223_000000582059_00031_27640_9536.N1	14-JUN-2007 01:22:23	Bright	57.500	74	11Bet Cas	2.2680	6600.0	115	27640	No
15	GOM_NL__2PRFIN20070614_012843_000000382059_00031_27640_9537.N1	14-JUN-2007 01:28:43	Bright	38.000	73	57Gam1And	2.2600	13100.	76	27640	No
16	GOM_NL__2PRFIN20070614_013103_000000552059_00031_27640_9538.N1	14-JUN-2007 01:31:03	Twilight	54.500	53	43Bet And	2.0480	3300.0	109	27640	No
17	GOM_NL__2PRFIN20070614_013428_000000452059_00031_27640_9539.N1	14-JUN-2007 01:34:28	Twilight	45.000	50	13Alp Ari	2.0070	4250.0	90	27640	No
18	GOM_NL__2PRFIN20070614_014945_000000552059_00031_27640_9540.N1	14-JUN-2007 01:49:45	Dark	54.500	52	16Bet Cet	2.0370	4500.0	109	27640	No
19	GOM_NL__2PRFIN20070614_015605_000000422059_00031_27640_9541.N1	14-JUN-2007 01:56:05	Dark	41.500	84	Alp Phe	2.3970	4500.0	83	27640	No
20	GOM_NL__2PRFIN20070614_020212_000000532059_00032_27641_9540.N1	14-JUN-2007 02:02:12	Dark	53.000	63	Bet Gru	2.1500	2800.0	106	27641	No
21	GOM_NL__2PRFIN20070614_020415_000000472059_00032_27641_9541.N1	14-JUN-2007 02:04:15	Dark	47.000	31	Alp Gru	1.7340	15200.	94	27641	No
22	GOM_NL__2PRFIN20070614_020817_000000442059_00032_27641_9542.N1	14-JUN-2007 02:08:17	Straylight	43.500	45	Alp Pav	1.9400	26000.	87	27641	No
23	GOM_NL__2PRFIN20070614_021635_000000432059_00032_27641_9543.N1	14-JUN-2007 02:16:35	Twilight	42.500	40	The Sco	1.8590	7100.0	85	27641	No
24	GOM_NL__2PRFIN20070614_021819_000000432059_00032_27641_9544.N1	14-JUN-2007 02:18:19	Twilight	43.000	25	35Lam Sco	1.6200	28000.	86	27641	No
25	GOM_NL__2PRFIN20070614_021942_000000482059_00032_27641_9545.N1	14-JUN-2007 02:19:42	Twilight	48.000	167	10Gam2Sgr	2.9840	4500.0	96	27641	No
26	GOM_NL__2PRFIN20070614_022500_000000402059_00032_27641_9546.N1	14-JUN-2007 02:25:00	Bright	39.500	86	35Eta Oph	2.4300	10200.	79	27641	No
27	GOM_NL__2PRFIN20070614_022645_000000382059_00032_27641_9547.N1	14-JUN-2007 02:26:45	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	27641	No
28	GOM_NL__2PRFIN20070614_023610_000000392059_00032_27641_9548.N1	14-JUN-2007 02:36:10	Bright	38.500	127	27Bet Her	2.7810	4700.0	77	27641	No
29	GOM_NL__2PRFIN20070614_023915_000000382059_00032_27641_9549.N1	14-JUN-2007 02:39:15	Bright	38.000	133	40Zet Her	2.8070	6000.0	76	27641	No
30	GOM_NL__2PRFIN20070614_024611_000000392059_00032_27641_9550.N1	14-JUN-2007 02:46:11	Bright	39.000	130	23Bet Dra	2.7990	5800.0	78	27641	No
31	GOM_NL__2PRFIN20070614_024736_000000382059_00032_27641_9551.N1	14-JUN-2007 02:47:36	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	27641	No
32	GOM_NL__2PRFIN20070614_030258_000000422059_00032_27641_9552.N1	14-JUN-2007 03:02:58	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	27641	No
33	GOM_NL__2PRFIN20070614_030919_000000562059_00032_27641_9553.N1	14-JUN-2007 03:09:19	Bright	56.000	73	57Gam1And	2.2600	13100.	112	27641	No
34	GOM_NL__2PRFIN20070614_031139_000000562059_00032_27641_9554.N1	14-JUN-2007 03:11:39	Twilight	55.500	53	43Bet And	2.0480	3300.0	111	27641	No
35	GOM_NL__2PRFIN20070614_031504_000000472059_00032_27641_9555.N1	14-JUN-2007 03:15:04	Twilight	47.000	50	13Alp Ari	2.0070	4250.0	94	27641	No
36	GOM_NL__2PRFIN20070614_033022_000000622059_00032_27641_9556.N1	14-JUN-2007 03:30:22	Dark	61.500	52	16Bet Cet	2.0370	4500.0	123	27641	No
37	GOM_NL__2PRFIN20070614_033642_000000462059_00032_27641_9557.N1	14-JUN-2007 03:36:42	Dark	45.500	84	Alp Phe	2.3970	4500.0	91	27641	No
38	GOM_NL__2PRFIN20070614_034249_000000532059_00033_27642_9551.N1	14-JUN-2007 03:42:49	Dark	52.500	63	Bet Gru	2.1500	2800.0	105	27642	No
39	GOM_NL__2PRFIN20070614_034452_000000492059_00033_27642_9552.N1	14-JUN-2007 03:44:52	Dark	48.500	31	Alp Gru	1.7340	15200.	97	27642	No
40	GOM_NL__2PRFIN20070614_034853_000000412059_00033_27642_9553.N1	14-JUN-2007 03:48:53	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	27642	No
41	GOM_NL__2PRFIN20070614_035712_000000432059_00033_27642_9554.N1	14-JUN-2007 03:57:12	Twilight	42.500	40	The Sco	1.8590	7100.0	85	27642	No
42	GOM_NL__2PRFIN20070614_035855_000000422059_00033_27642_9555.N1	14-JUN-2007 03:58:55	Twilight	41.500	25	35Lam Sco	1.6200	28000.	83	27642	No

220	GOM_NL__2PRFIN20070614_192209_000000392059_00042_27651_9758.N1	14-JUN-2007 19:22:09	Bright	38.500	127	27Bet Her	2.7810	4700.0	77	27651	No
221	GOM_NL__2PRFIN20070614_192513_000000532059_00042_27651_9759.N1	14-JUN-2007 19:25:13	Bright	52.500	133	40Zet Her	2.8070	6000.0	105	27651	No
222	GOM_NL__2PRFIN20070614_193206_000000412059_00042_27651_9760.N1	14-JUN-2007 19:32:06	Bright	40.500	130	23Bet Dra	2.7990	5800.0	81	27651	No
223	GOM_NL__2PRFIN20070614_193334_000000382059_00042_27651_9761.N1	14-JUN-2007 19:33:34	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	27651	No
224	GOM_NL__2PRFIN20070614_194855_000000422059_00042_27651_9762.N1	14-JUN-2007 19:48:55	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	27651	No
225	GOM_NL__2PRFIN20070614_195519_000000562059_00042_27651_9763.N1	14-JUN-2007 19:55:19	Bright	56.000	73	57Gam1And	2.2600	13100.	112	27651	No
226	GOM_NL__2PRFIN20070614_195740_000000532059_00042_27651_9764.N1	14-JUN-2007 19:57:40	Twilight	53.000	53	43Bet And	2.0480	3300.0	106	27651	No
227	GOM_NL__2PRFIN20070614_200106_000000452059_00042_27651_9765.N1	14-JUN-2007 20:01:06	Twilight	45.000	50	13Alp Ari	2.0070	4250.0	90	27651	No
228	GOM_NL__2PRFIN20070614_201631_000000532059_00042_27651_9766.N1	14-JUN-2007 20:16:31	Dark	53.000	52	16Bet Cet	2.0370	4500.0	106	27651	No
229	GOM_NL__2PRFIN20070614_202249_000000432059_00042_27651_9767.N1	14-JUN-2007 20:22:49	Dark	43.000	84	Alp Phe	2.3970	4500.0	86	27651	No
230	GOM_NL__2PRFIN20070614_202858_000000522059_00043_27652_9768.N1	14-JUN-2007 20:28:58	Dark	52.000	63	Bet Gru	2.1500	2800.0	104	27652	No
231	GOM_NL__2PRFIN20070614_203101_000000472059_00043_27652_9769.N1	14-JUN-2007 20:31:01	Dark	46.500	31	Alp Gru	1.7340	15200.	93	27652	No
232	GOM_NL__2PRFIN20070614_203459_000000422059_00043_27652_9770.N1	14-JUN-2007 20:34:59	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	27652	No
233	GOM_NL__2PRFIN20070614_204314_000000452059_00043_27652_9771.N1	14-JUN-2007 20:43:14	Twilight	44.500	40	The Sco	1.8590	7100.0	89	27652	No
234	GOM_NL__2PRFIN20070614_204458_000000412059_00043_27652_9772.N1	14-JUN-2007 20:44:58	Twilight	41.000	25	35Lam Sco	1.6200	28000.	82	27652	No
235	GOM_NL__2PRFIN20070614_204621_000000492059_00043_27652_9773.N1	14-JUN-2007 20:46:21	Twilight	48.500	167	10Gam2Sgr	2.9840	4500.0	97	27652	No
236	GOM_NL__2PRFIN20070614_205137_000000402059_00043_27652_9774.N1	14-JUN-2007 20:51:37	Bright	39.500	86	35Eta Oph	2.4300	10200.	79	27652	No
237	GOM_NL__2PRFIN20070614_205321_000000372059_00043_27652_9775.N1	14-JUN-2007 20:53:21	Bright	37.000	98	13Zet Oph	2.5710	30000.	74	27652	No
238	GOM_NL__2PRFIN20070614_210051_000000452059_00043_27652_9776.N1	14-JUN-2007 21:00:51	Bright	44.500	59	55Alp Oph	2.0800	8900.0	89	27652	No
239	GOM_NL__2PRFIN20070614_210244_000000382059_00043_27652_9777.N1	14-JUN-2007 21:02:44	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	27652	No
240	GOM_NL__2PRFIN20070614_210548_000000372059_00043_27652_9778.N1	14-JUN-2007 21:05:48	Bright	37.000	133	40Zet Her	2.8070	6000.0	74	27652	No
241	GOM_NL__2PRFIN20070614_211241_000000402059_00043_27652_9779.N1	14-JUN-2007 21:12:41	Bright	40.000	130	23Bet Dra	2.7990	5800.0	80	27652	No
242	GOM_NL__2PRFIN20070614_211409_000000372059_00043_27652_9780.N1	14-JUN-2007 21:14:09	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	27652	No
243	GOM_NL__2PRFIN20070614_212930_000000432059_00043_27652_9781.N1	14-JUN-2007 21:29:30	Bright	43.000	74	11Bet Cas	2.2680	6600.0	86	27652	No
244	GOM_NL__2PRFIN20070614_213555_000000402059_00043_27652_9782.N1	14-JUN-2007 21:35:55	Bright	39.500	73	57Gam1And	2.2600	13100.	79	27652	No
245	GOM_NL__2PRFIN20070614_213815_000000582059_00043_27652_9783.N1	14-JUN-2007 21:38:15	Twilight	58.000	53	43Bet And	2.0480	3300.0	116	27652	No
246	GOM_NL__2PRFIN20070614_214142_000000502059_00043_27652_9784.N1	14-JUN-2007 21:41:42	Twilight	50.000	50	13Alp Ari	2.0070	4250.0	100	27652	No
247	GOM_NL__2PRFIN20070614_215708_000000552059_00043_27652_9785.N1	14-JUN-2007 21:57:08	Dark	54.500	52	16Bet Cet	2.0370	4500.0	109	27652	No
248	GOM_NL__2PRFIN20070614_220326_000000432059_00043_27652_9786.N1	14-JUN-2007 22:03:26	Dark	43.000	84	Alp Phe	2.3970	4500.0	86	27652	No
249	GOM_NL__2PRFIN20070614_220935_000000542059_00044_27653_9790.N1	14-JUN-2007 22:09:35	Dark	53.500	63	Bet Gru	2.1500	2800.0	107	27653	No
250	GOM_NL__2PRFIN20070614_221138_000000512059_00044_27653_9791.N1	14-JUN-2007 22:11:38	Dark	50.500	31	Alp Gru	1.7340	15200.	101	27653	No
251	GOM_NL__2PRFIN20070614_221535_000000422059_00044_27653_9792.N1	14-JUN-2007 22:15:35	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	27653	No
252	GOM_NL__2PRFIN20070614_222351_000000442059_00044_27653_9793.N1	14-JUN-2007 22:23:51	Twilight	43.500	40	The Sco	1.8590	7100.0	87	27653	No
253	GOM_NL__2PRFIN20070614_222534_000000432059_00044_27653_9794.N1	14-JUN-2007 22:25:34	Twilight	43.000	25	35Lam Sco	1.6200	28000.	86	27653	No
254	GOM_NL__2PRFIN20070614_222657_000000482059_00044_27653_9795.N1	14-JUN-2007 22:26:57	Twilight	48.000	167	10Gam2Sgr	2.9840	4500.0	96	27653	No
255	GOM_NL__2PRFIN20070614_223213_000000382059_00044_27653_9796.N1	14-JUN-2007 22:32:13	Bright	38.000	86	35Eta Oph	2.4300	10200.	76	27653	No
256	GOM_NL__2PRFIN20070614_223357_000000372059_00044_27653_9797.N1	14-JUN-2007 22:33:57	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	27653	No
257	GOM_NL__2PRFIN20070614_224126_000000452059_00044_27653_9798.N1	14-JUN-2007 22:41:26	Bright	44.500	59	55Alp Oph	2.0800	8900.0	89	27653	No
258	GOM_NL__2PRFIN20070614_224320_000000372059_00044_27653_9799.N1	14-JUN-2007 22:43:20	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	27653	No
259	GOM_NL__2PRFIN20070614_224624_000000362059_00044_27653_9800.N1	14-JUN-2007 22:46:24	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	27653	No
260	GOM_NL__2PRFIN20070614_225317_000000402059_00044_27653_9801.N1	14-JUN-2007 22:53:17	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	27653	No
261	GOM_NL__2PRFIN20070614_225445_000000362059_00044_27653_9802.N1	14-JUN-2007 22:54:45	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	27653	No
262	GOM_NL__2PRFIN20070614_231006_000000642059_00044_27653_9803.N1	14-JUN-2007 23:10:06	Bright	64.000	74	11Bet Cas	2.2680	6600.0	128	27653	No
263	GOM_NL__2PRFIN20070614_231630_000000472059_00044_27653_9804.N1	14-JUN-2007 23:16:30	Bright	47.000	73	57Gam1And	2.2600	13100.	94	27653	No
264	GOM_NL__2PRFIN20070614_231851_000000622059_00044_27653_9805.N1	14-JUN-2007 23:18:51	Twilight	62.000	53	43Bet And	2.0480	3300.0	124	27653	No
265	GOM_NL__2PRFIN20070614_232218_000000482059_00044_27653_9806.N1	14-JUN-2007 23:22:18	Twilight	47.500	50	13Alp Ari	2.0070	4250.0	95	27653	No
266	GOM_NL__2PRFIN20070614_233745_000000552059_00044_27653_9807.N1	14-JUN-2007 23:37:45	Dark	55.000	52	16Bet Cet	2.0370	4500.0	110	27653	No
267	GOM_NL__2PRFIN20070614_234402_000000442059_00044_27653_9808.N1	14-JUN-2007 23:44:02	Dark	43.500	84	Alp Phe	2.3970	4500.0	87	27653	No
268	GOM_NL__2PRFIN20070614_235012_000000472059_00045_27654_9805.N1	14-JUN-2007 23:50:12	Dark	46.500	63	Bet Gru	2.1500	2800.0	93	27654	No
269	GOM_NL__2PRFIN20070614_235215_000000502059_00045_27654_9806.N1	14-JUN-2007 23:52:15	Dark	49.500	31	Alp Gru	1.7340	15200.	99	27654	No
270	GOM_NL__2PRFIN20070614_235612_000000422059_00045_27654_9807.N1	14-JUN-2007 23:56:12	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	27654	No

3. Quality information per product

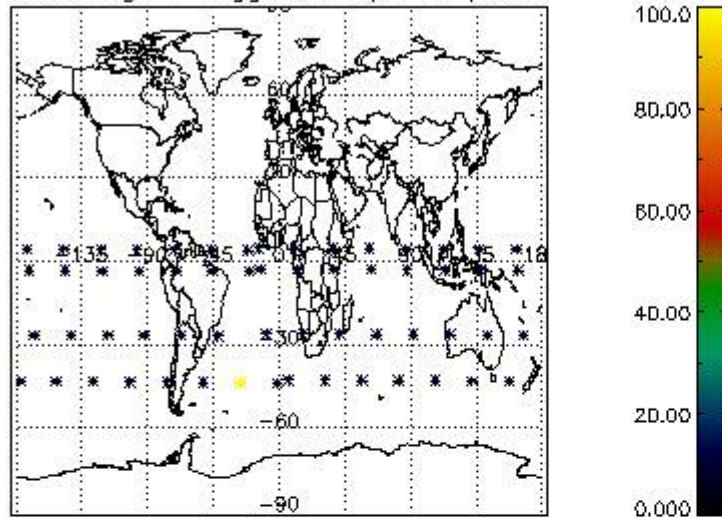
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

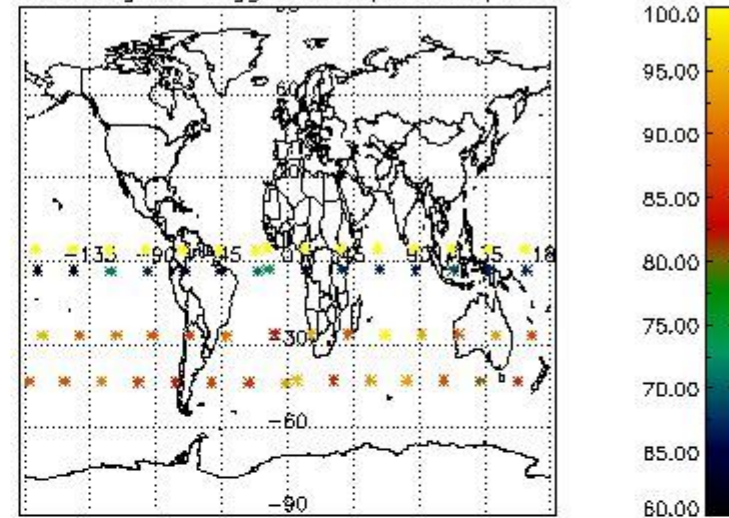


3.2 Plot quality information per product (world map)

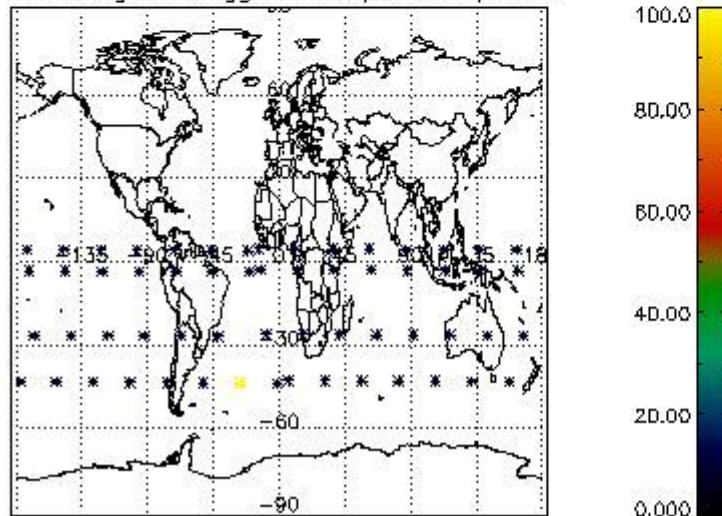
Percentage of flagged data per O3 profile



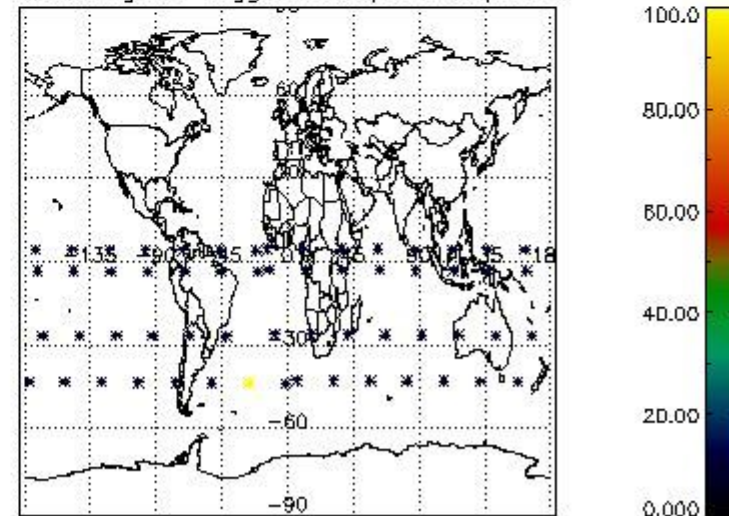
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

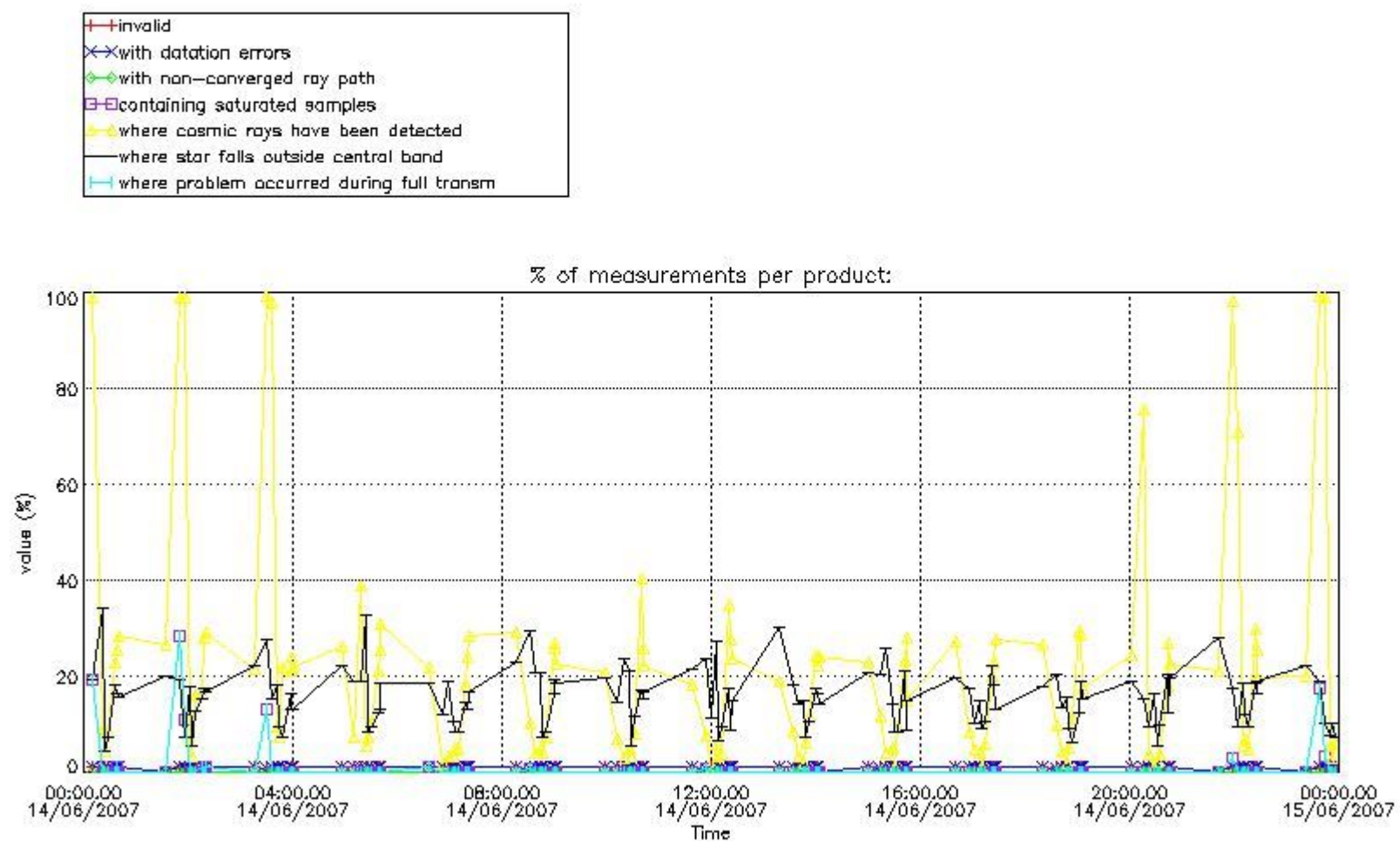


4. Level 1 quality information per product

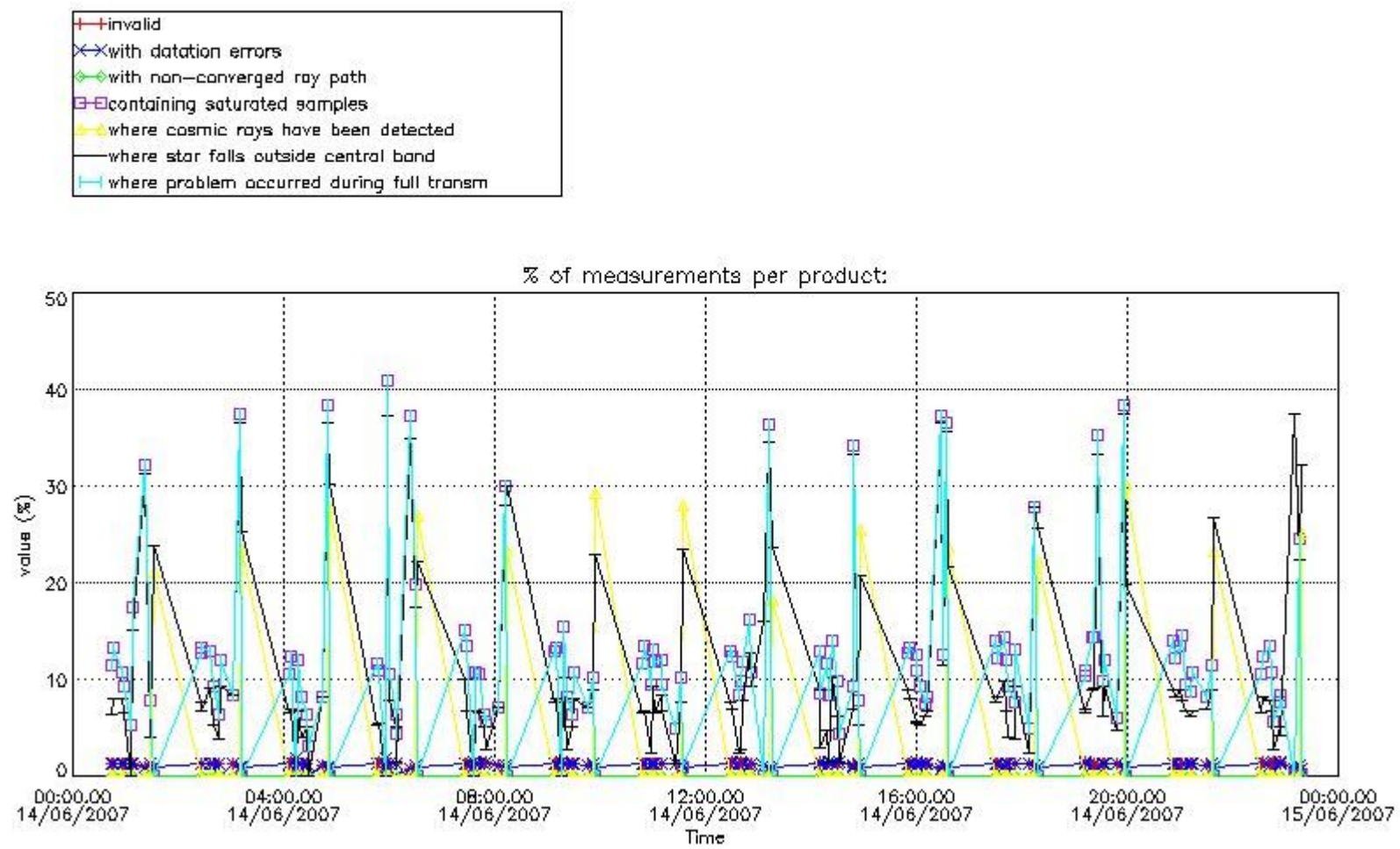
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

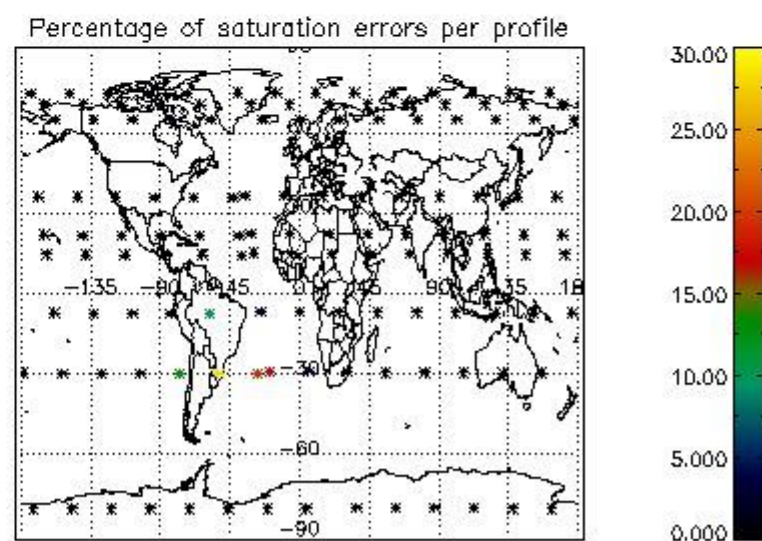
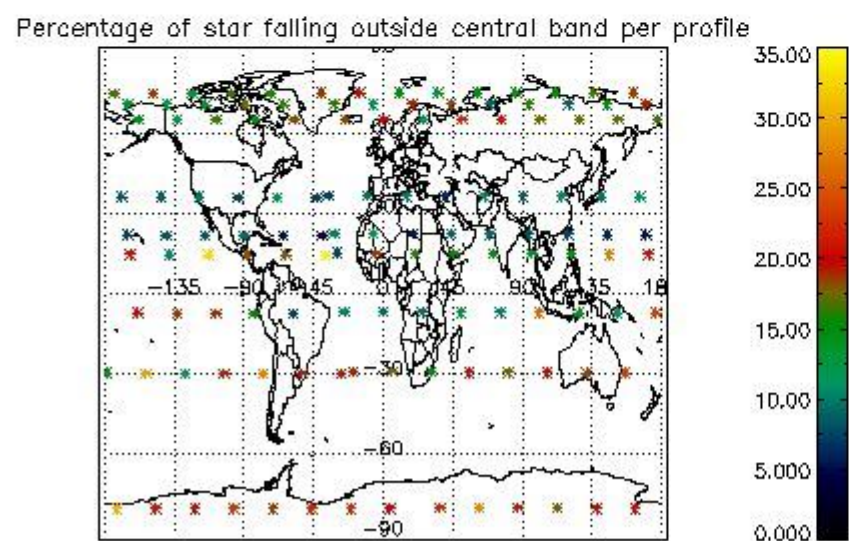
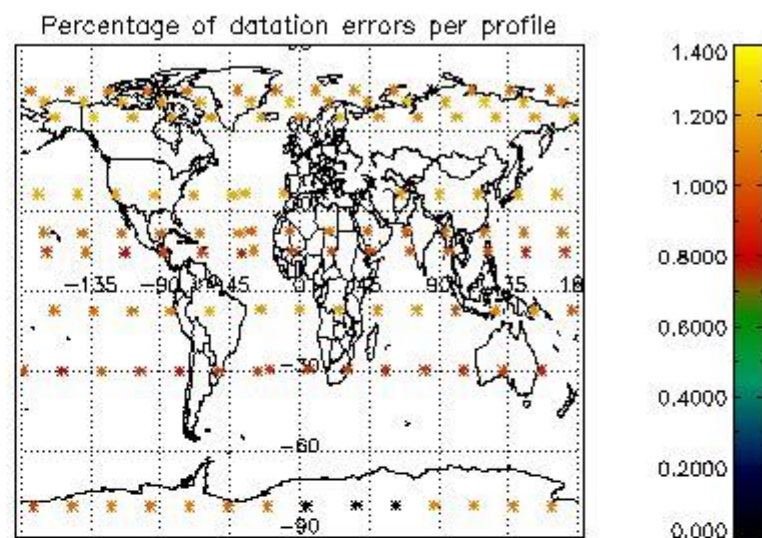
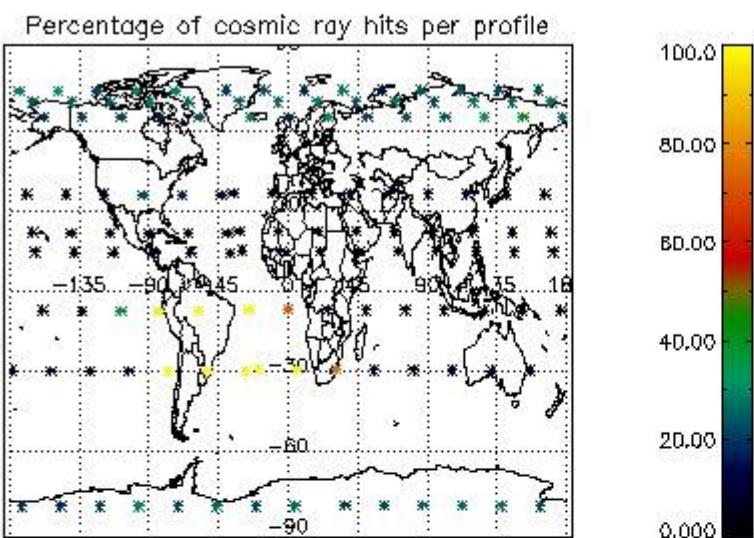


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

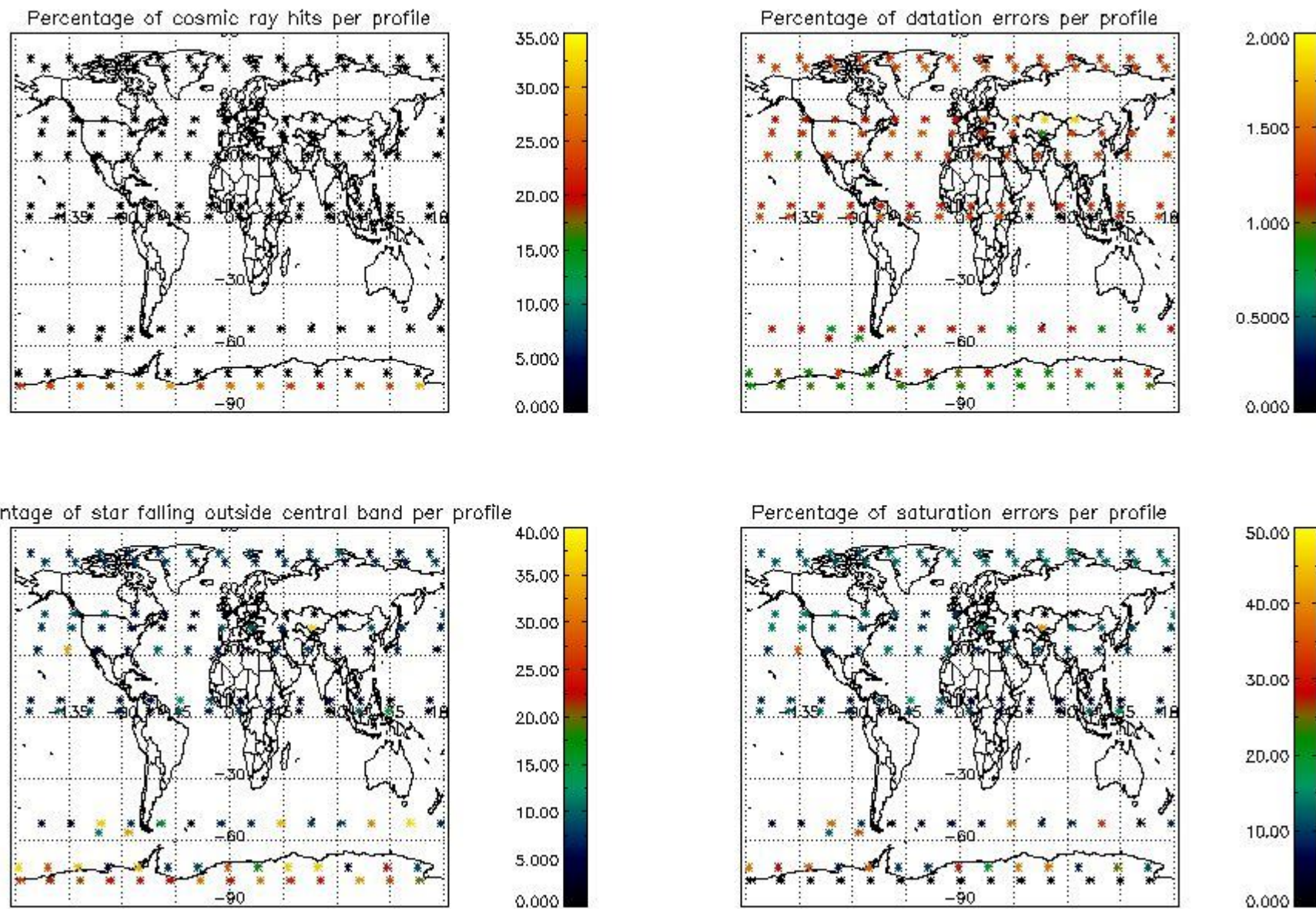


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

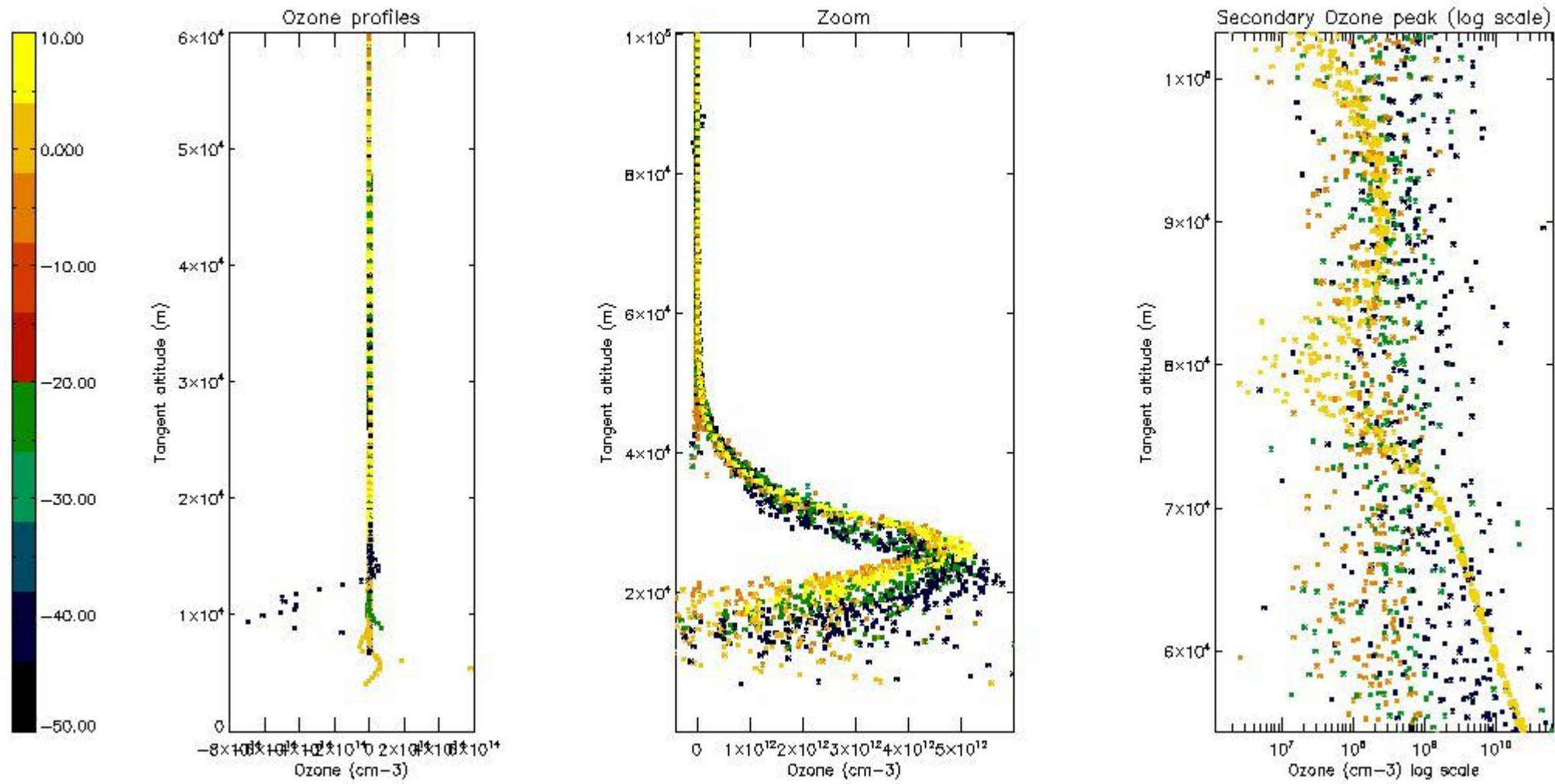
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

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

STD < 10	6
STD < 5	3

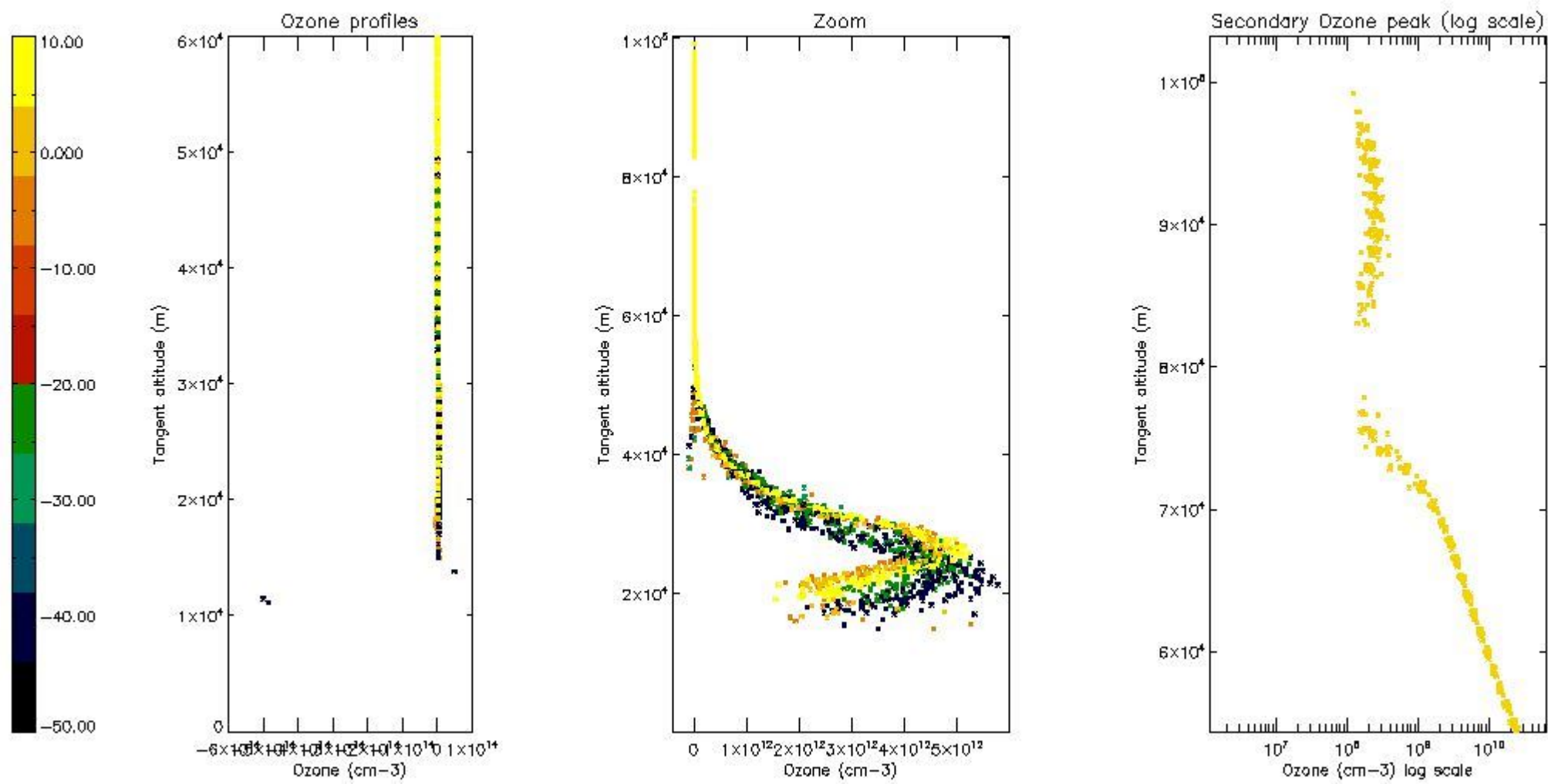
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



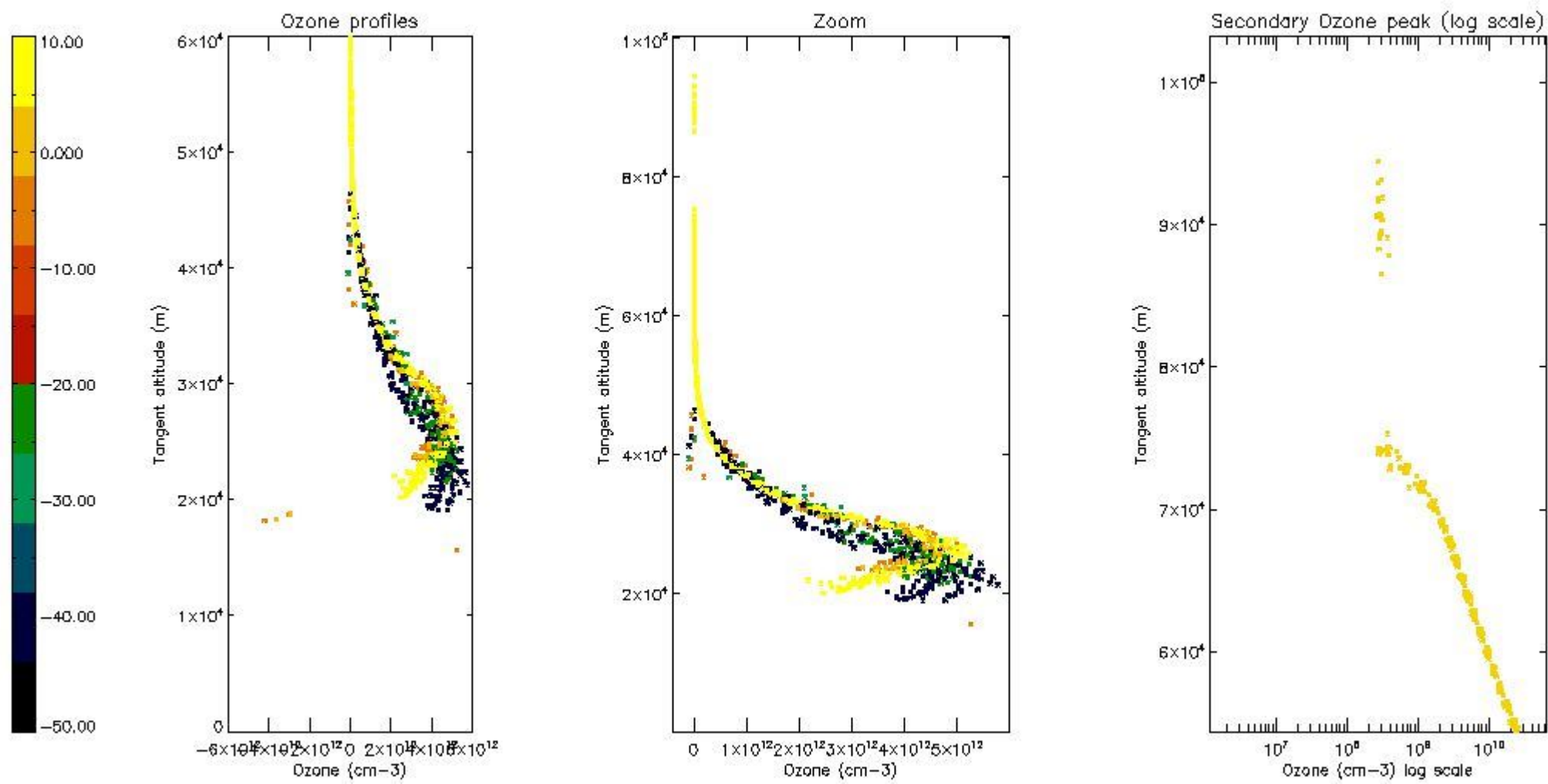
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



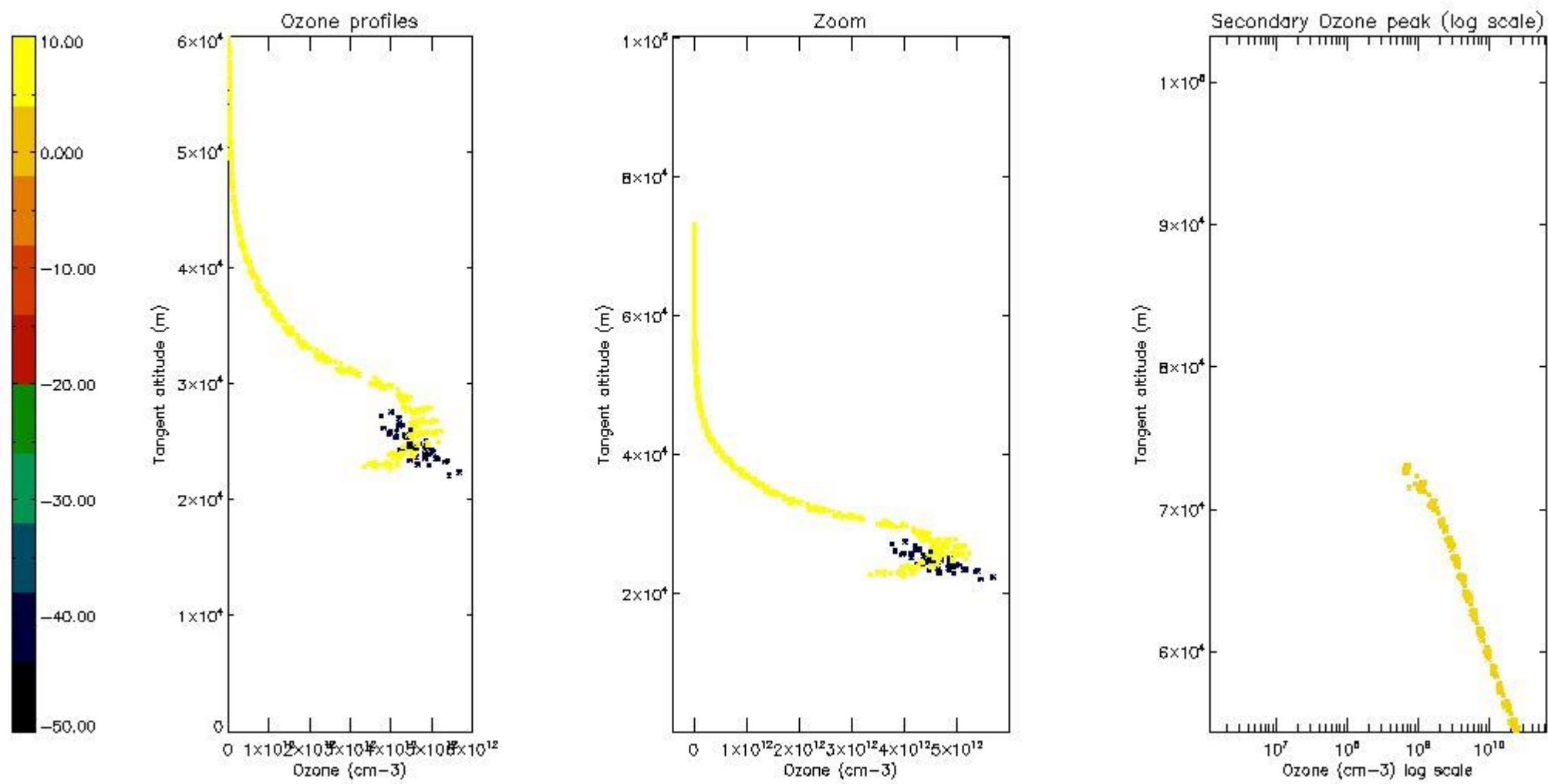
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



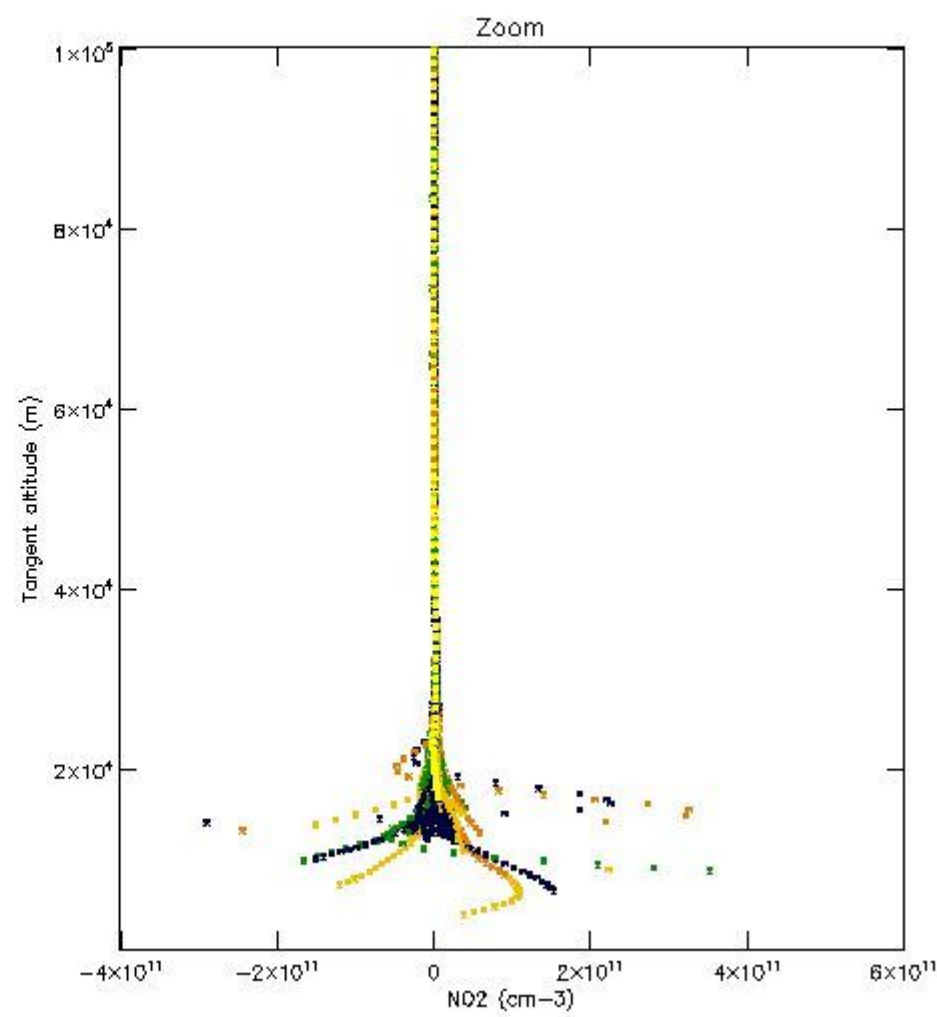
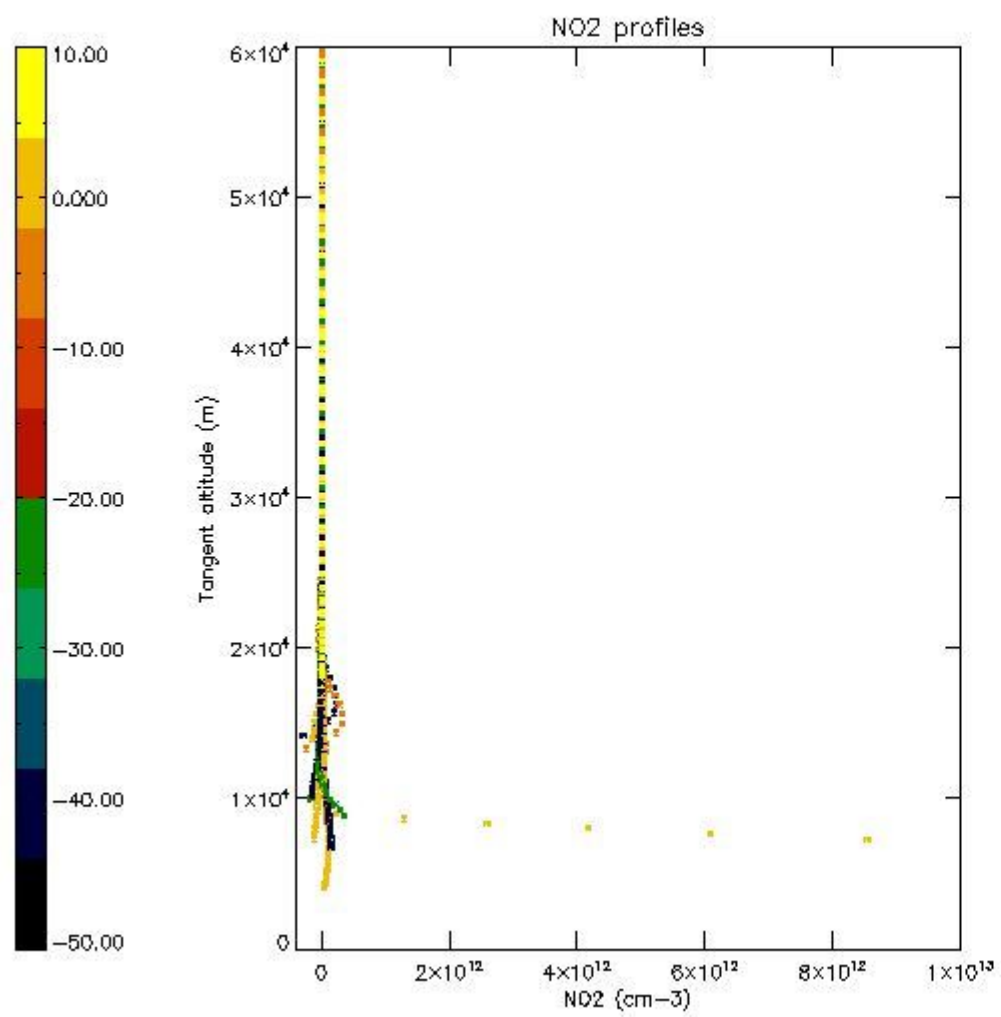
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



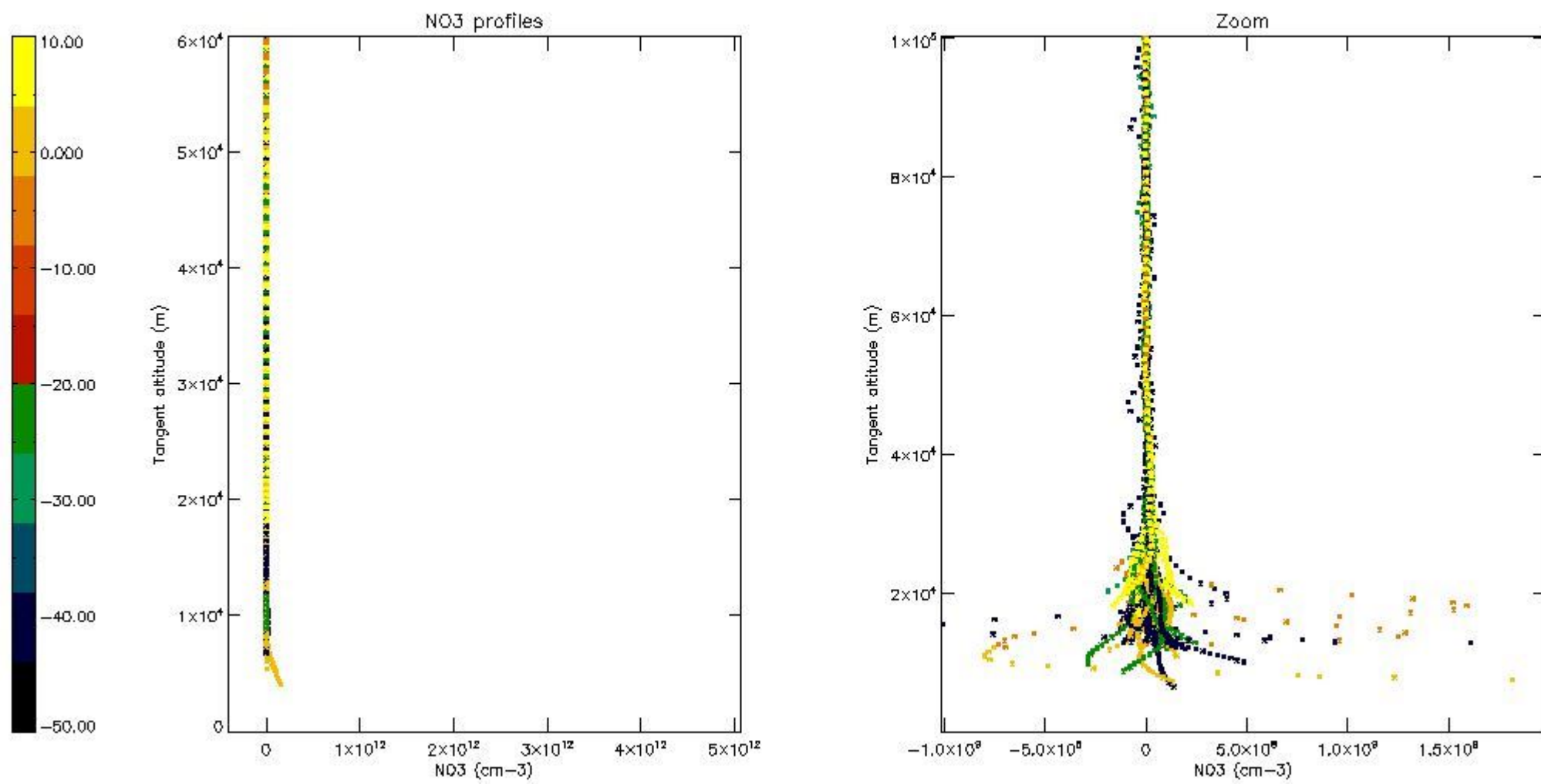
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



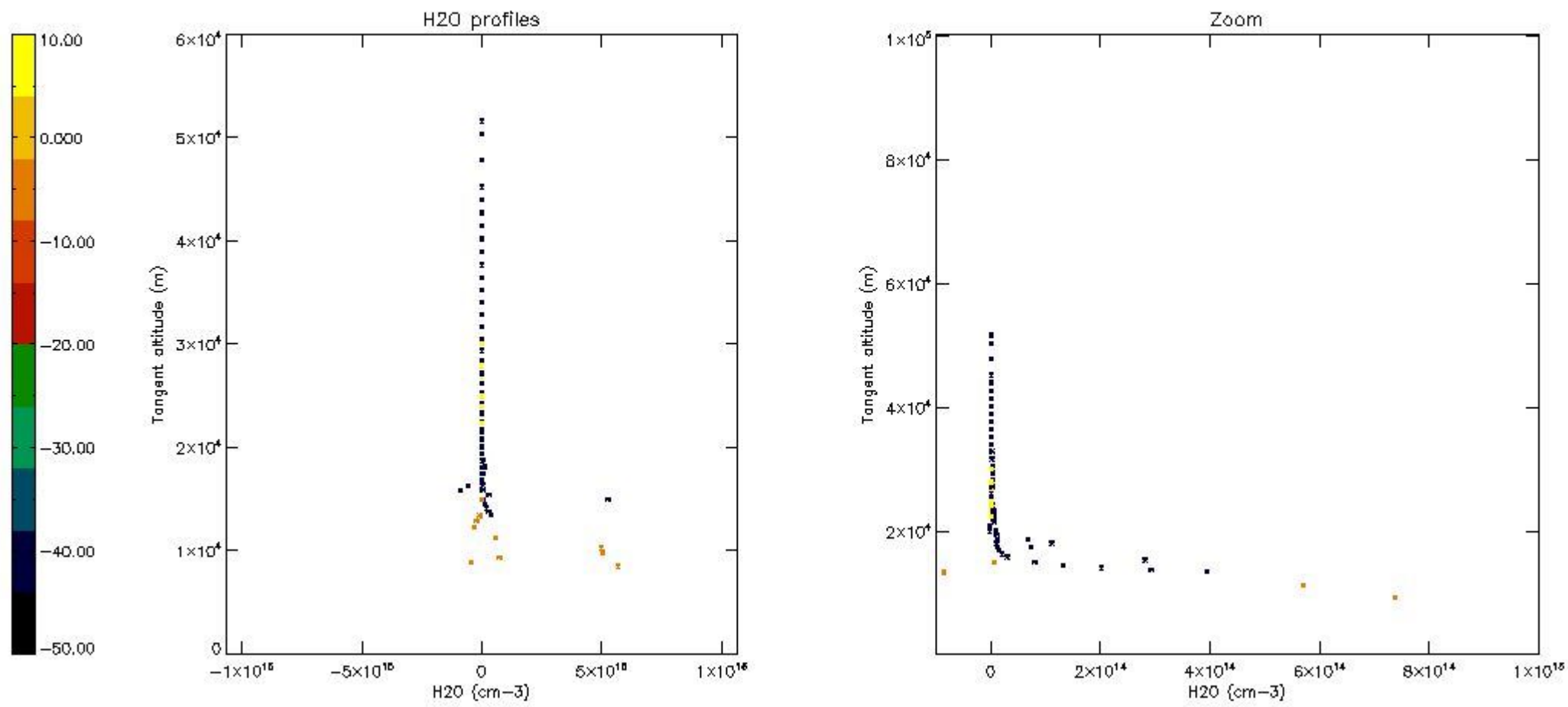
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

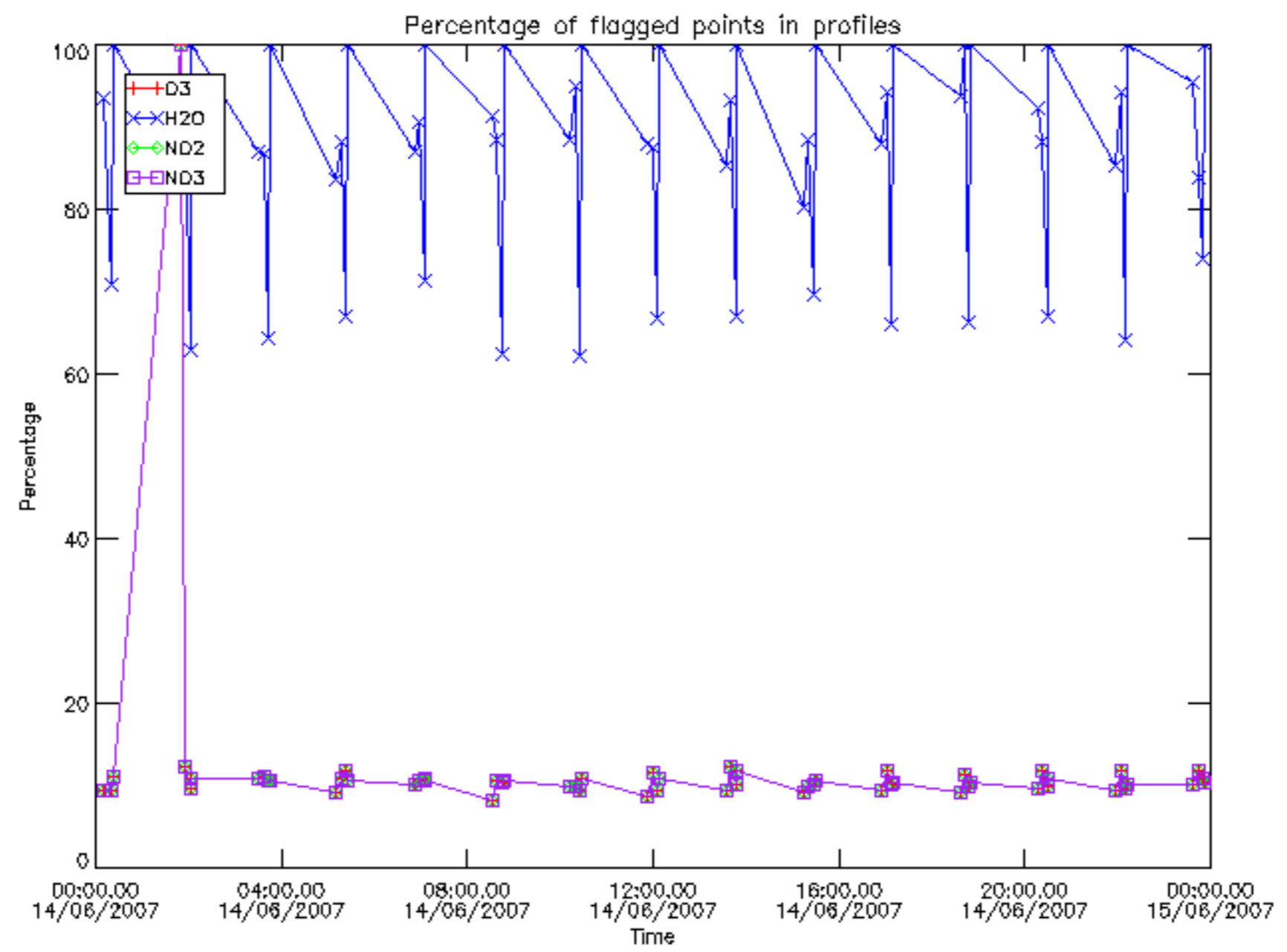
The colorbar represents the latitude.



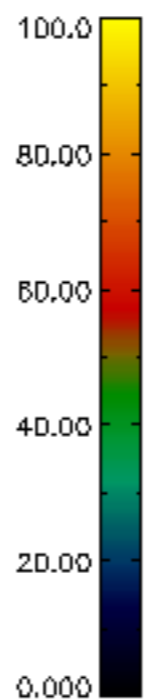
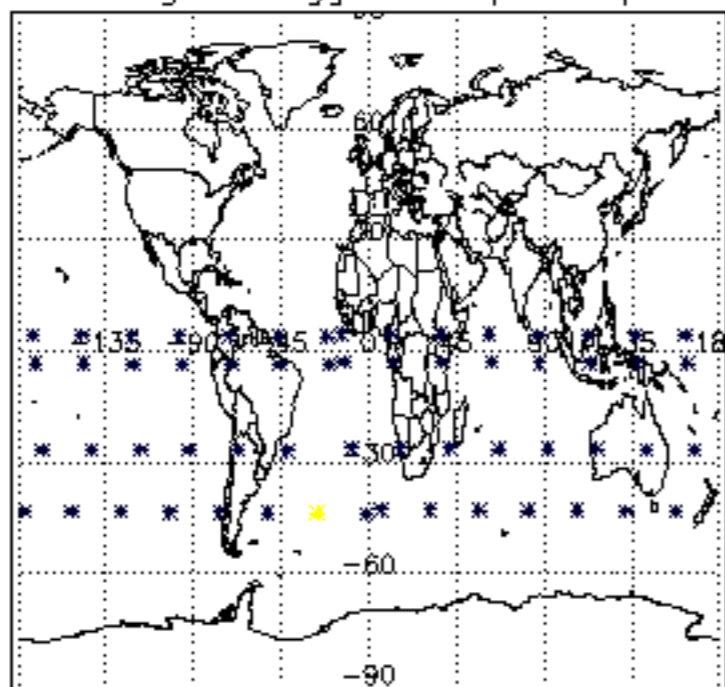
6. Auxiliary Data Files used for the production reported in section 2

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.

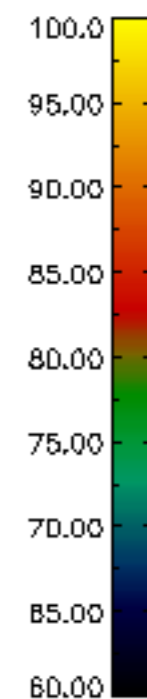
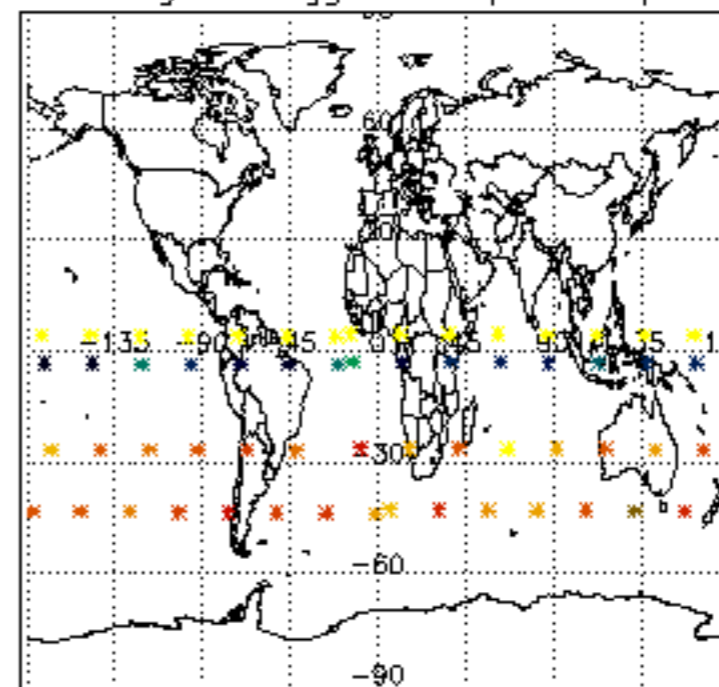
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	14-JUN-2007 00:09:08
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	14-JUN-2007 00:09:08
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	14-JUN-2007 00:09:08



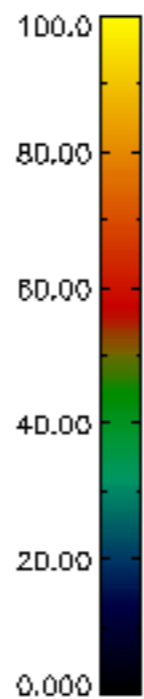
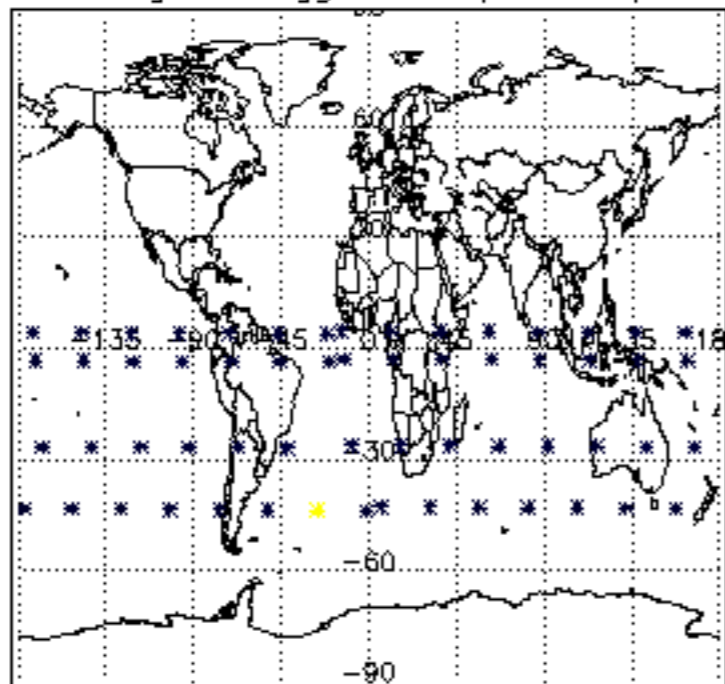
Percentage of flagged data per D3 profile



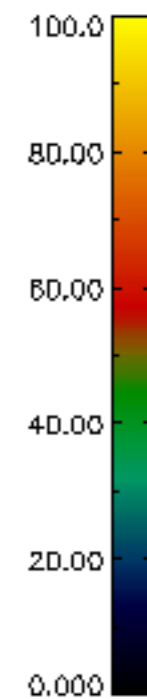
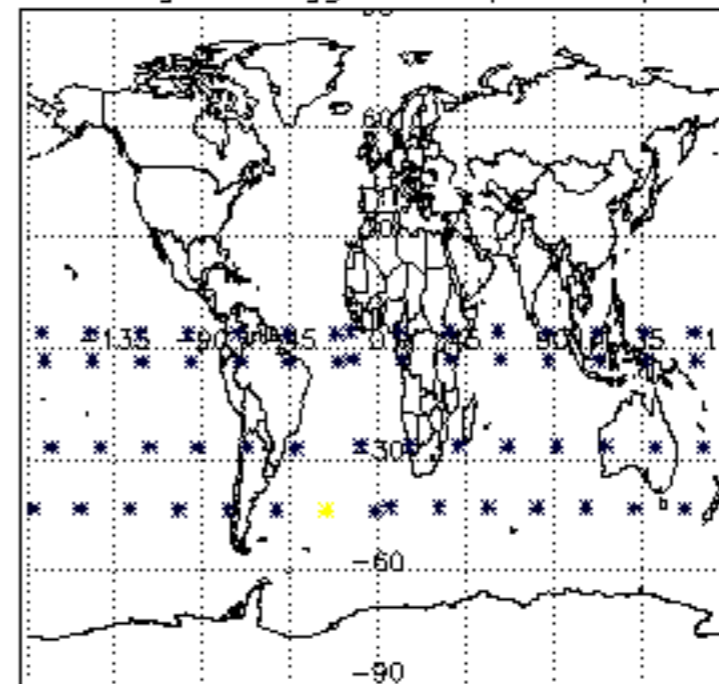
Percentage of flagged data per H2O profile

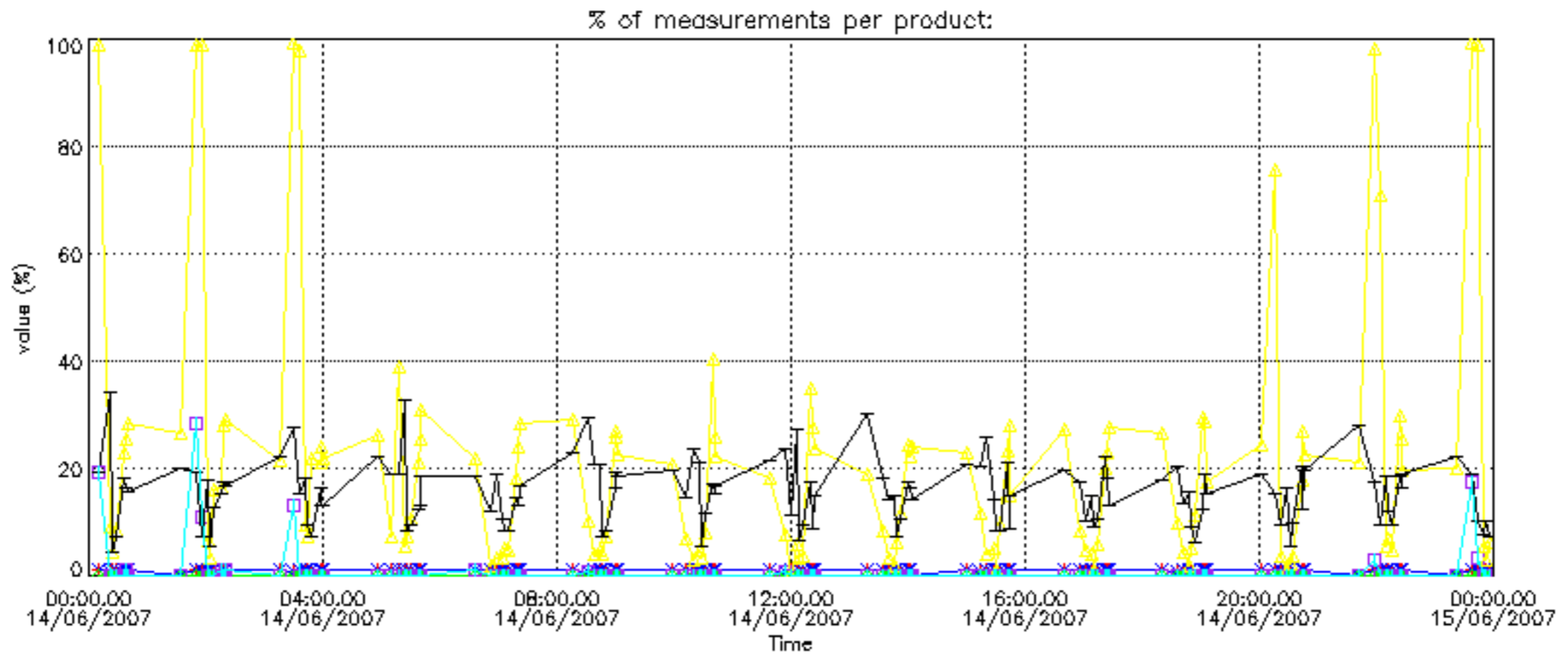


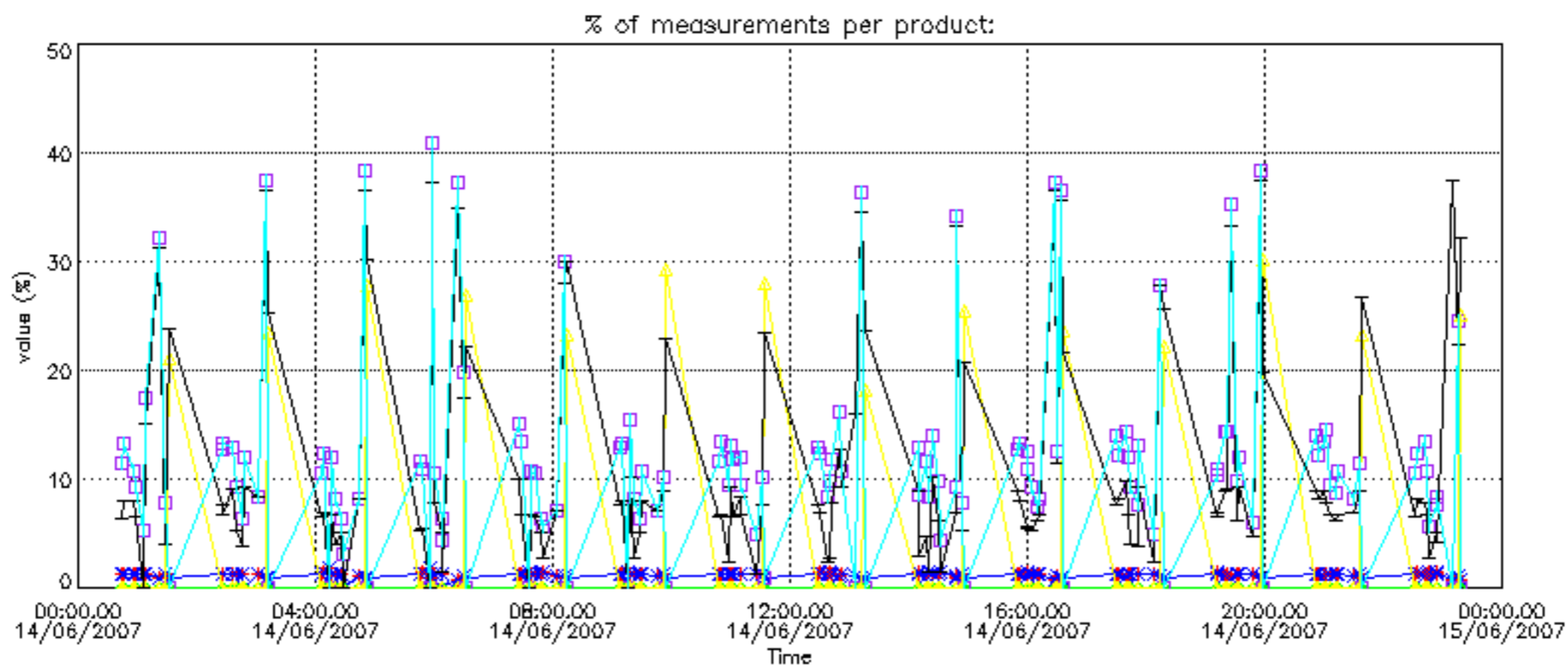
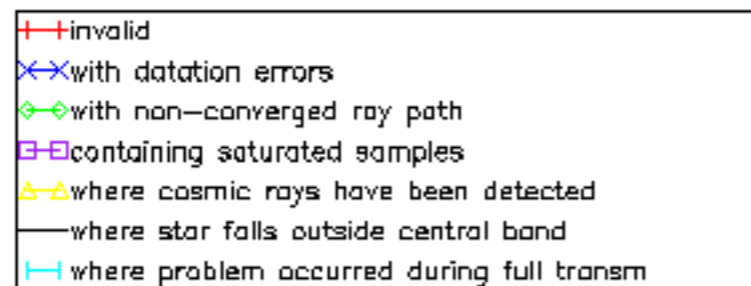
Percentage of flagged data per NO2 profile



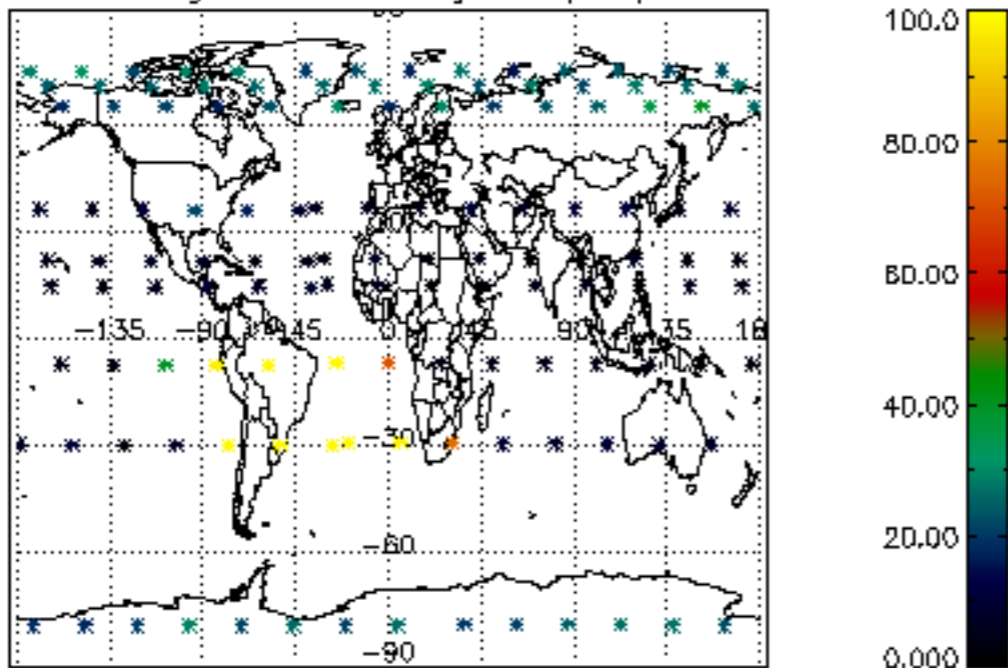
Percentage of flagged data per NO3 profile



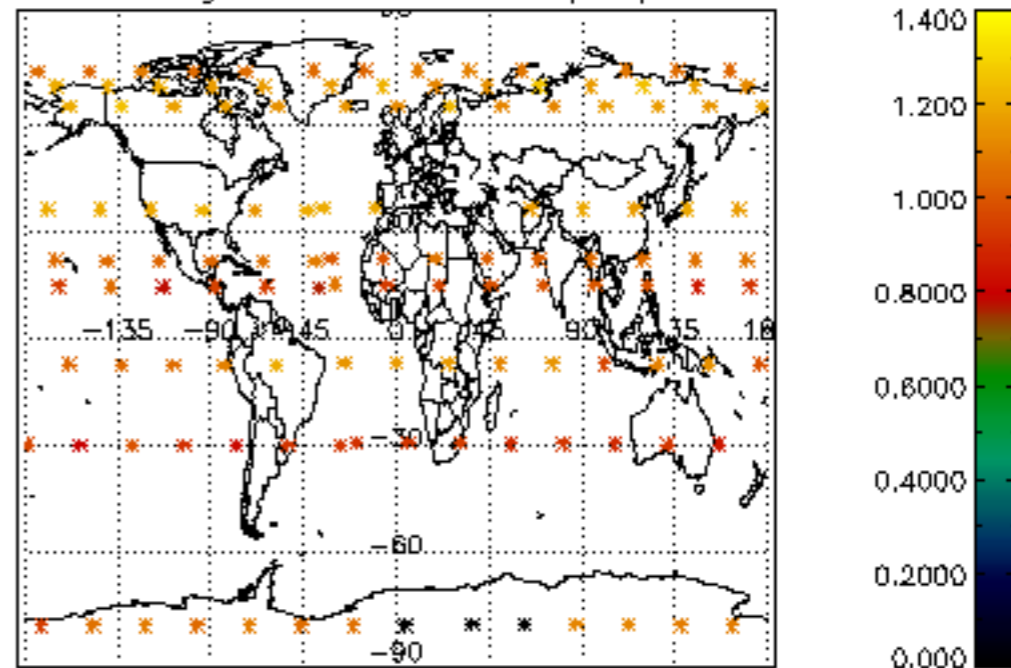




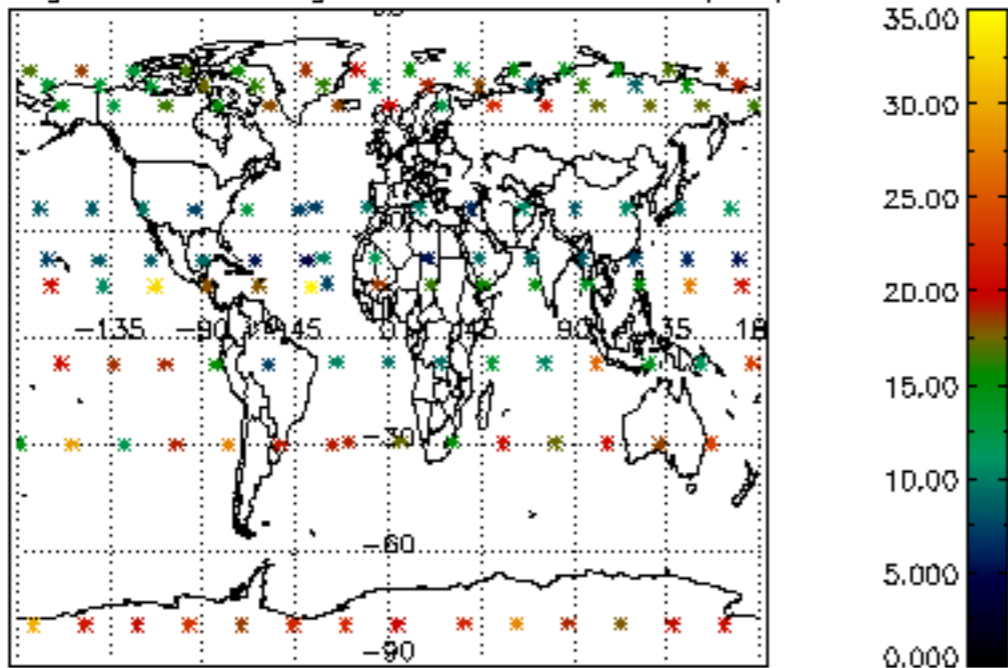
Percentage of cosmic ray hits per profile



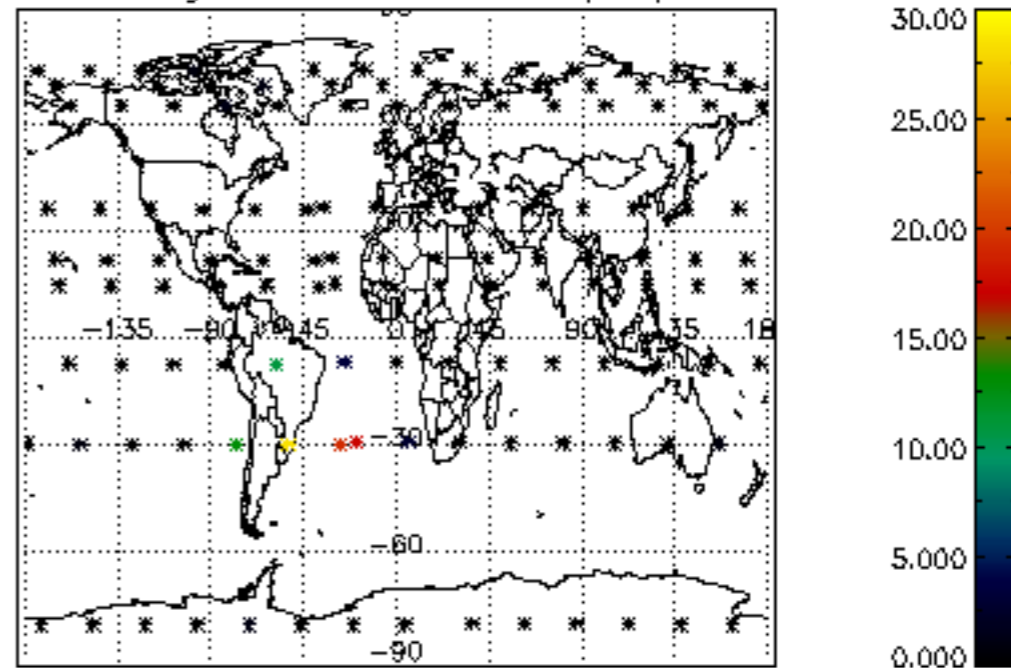
Percentage of datation errors per profile



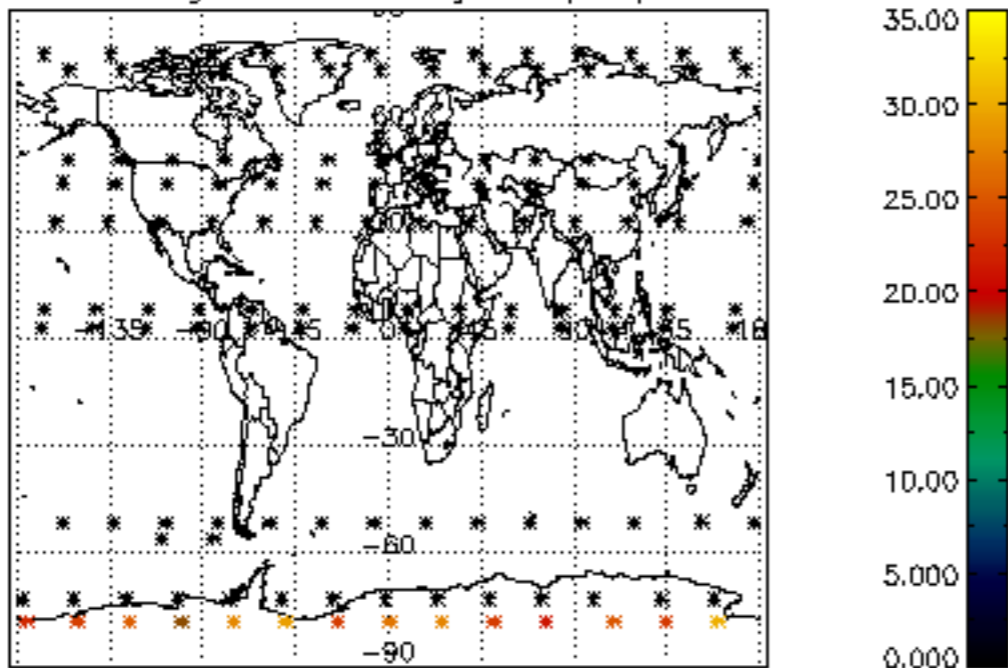
Percentage of star falling outside central band per profile



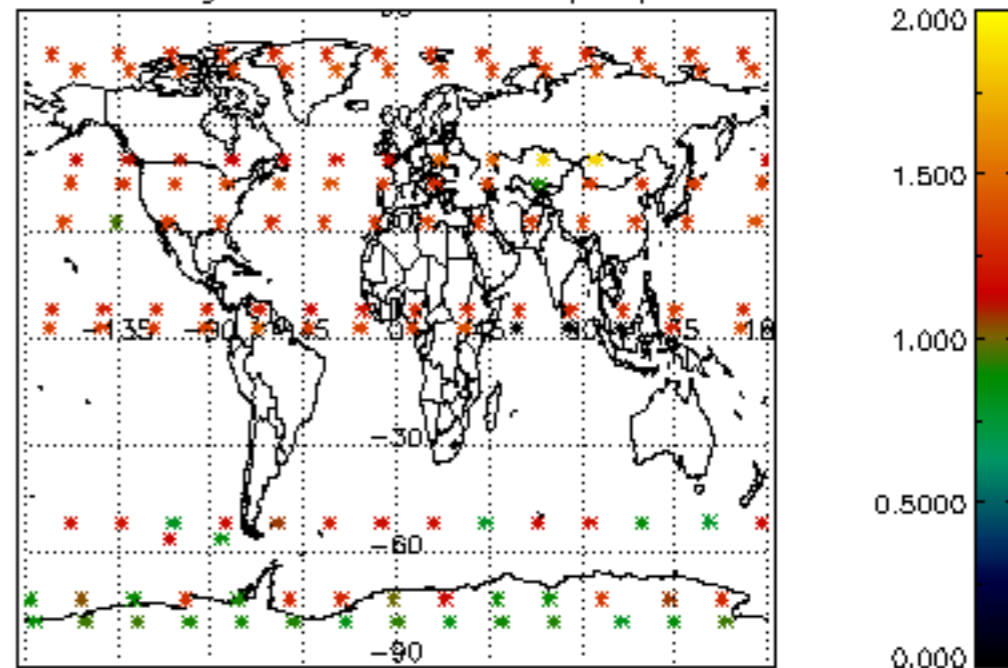
Percentage of saturation errors per profile



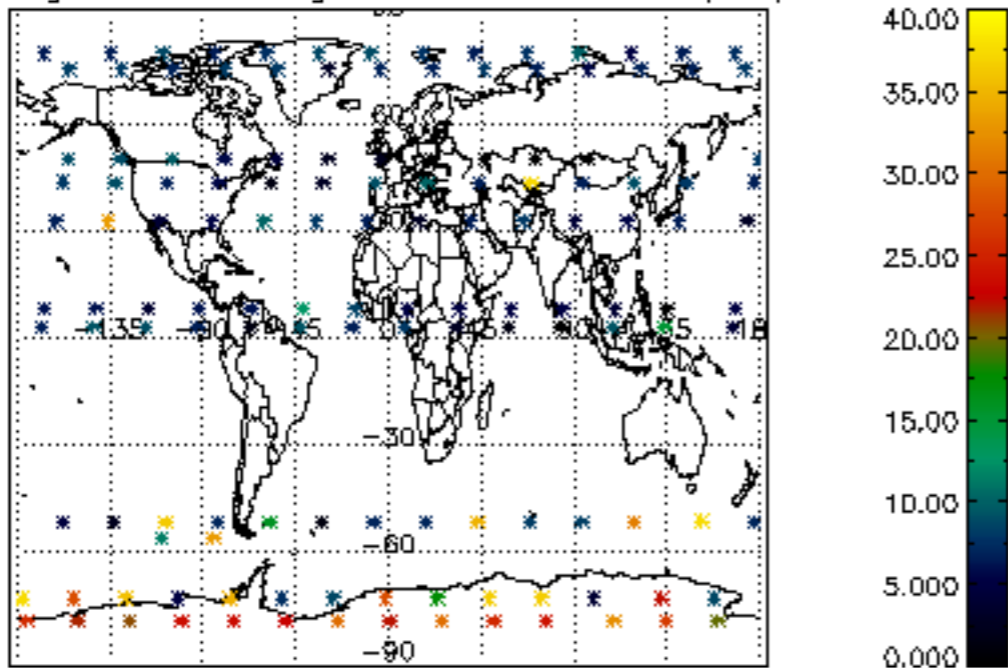
Percentage of cosmic ray hits per profile



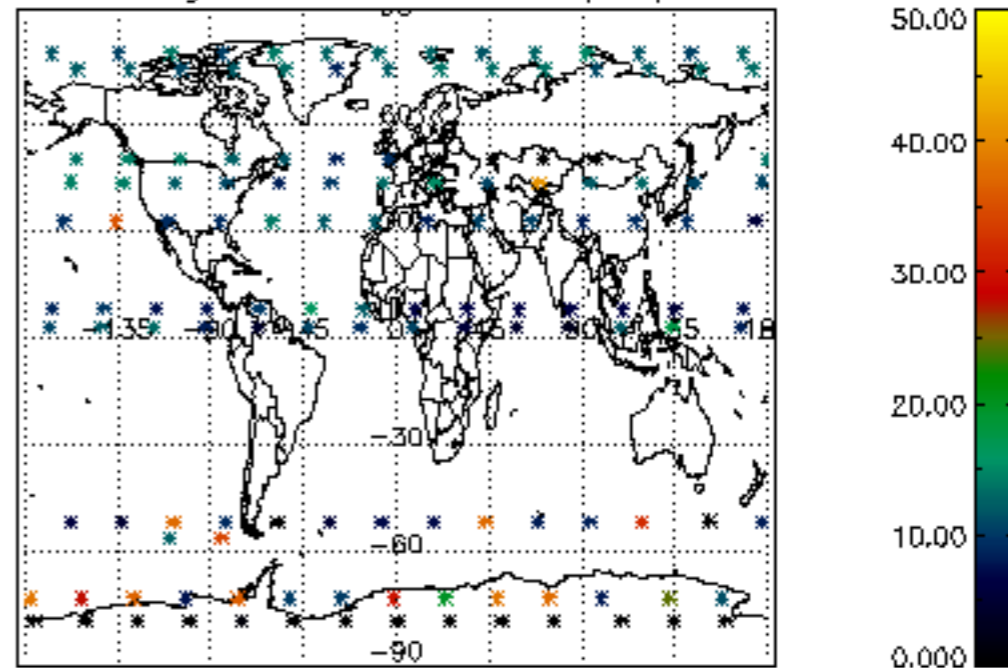
Percentage of datation errors per profile

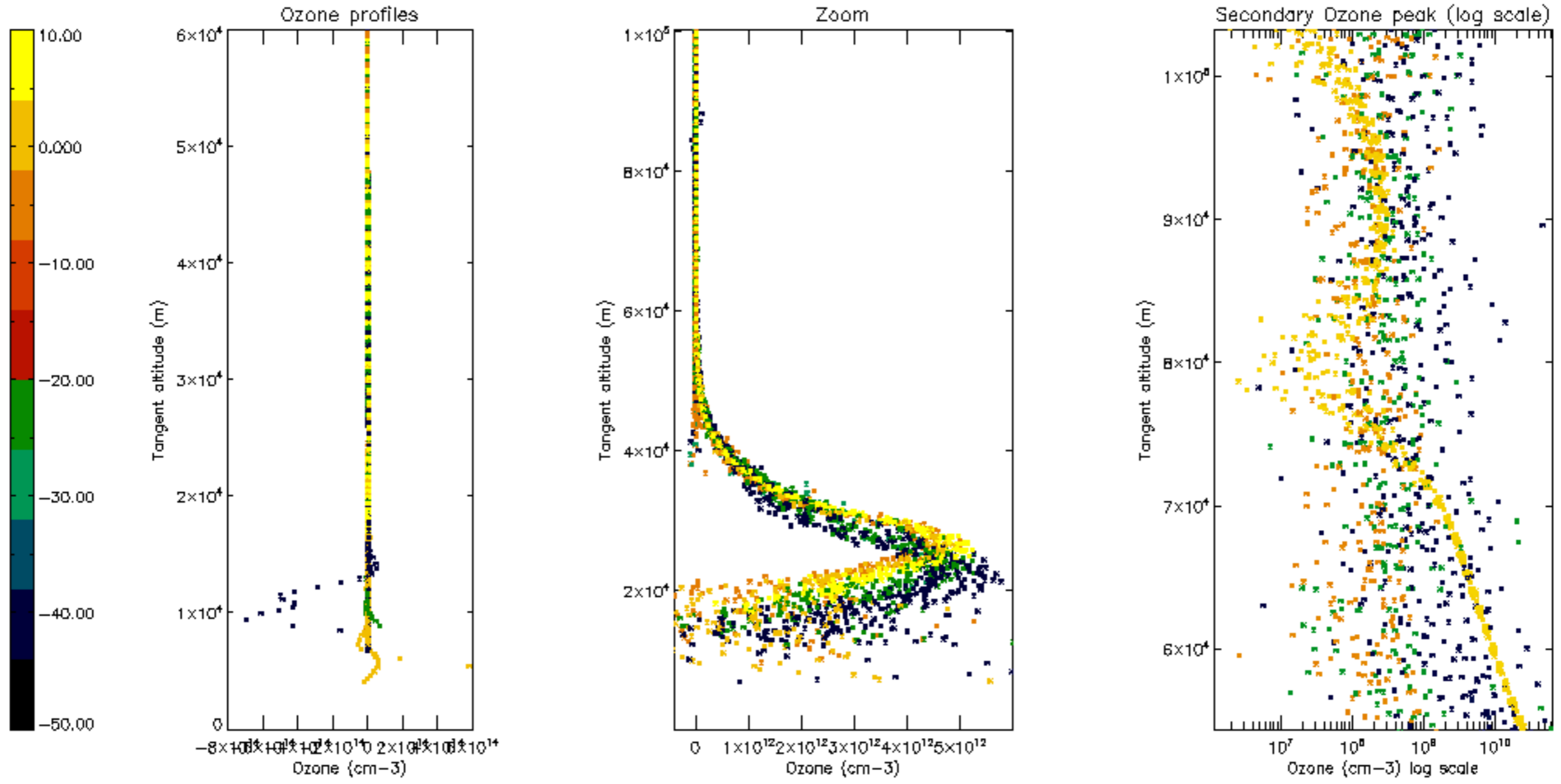


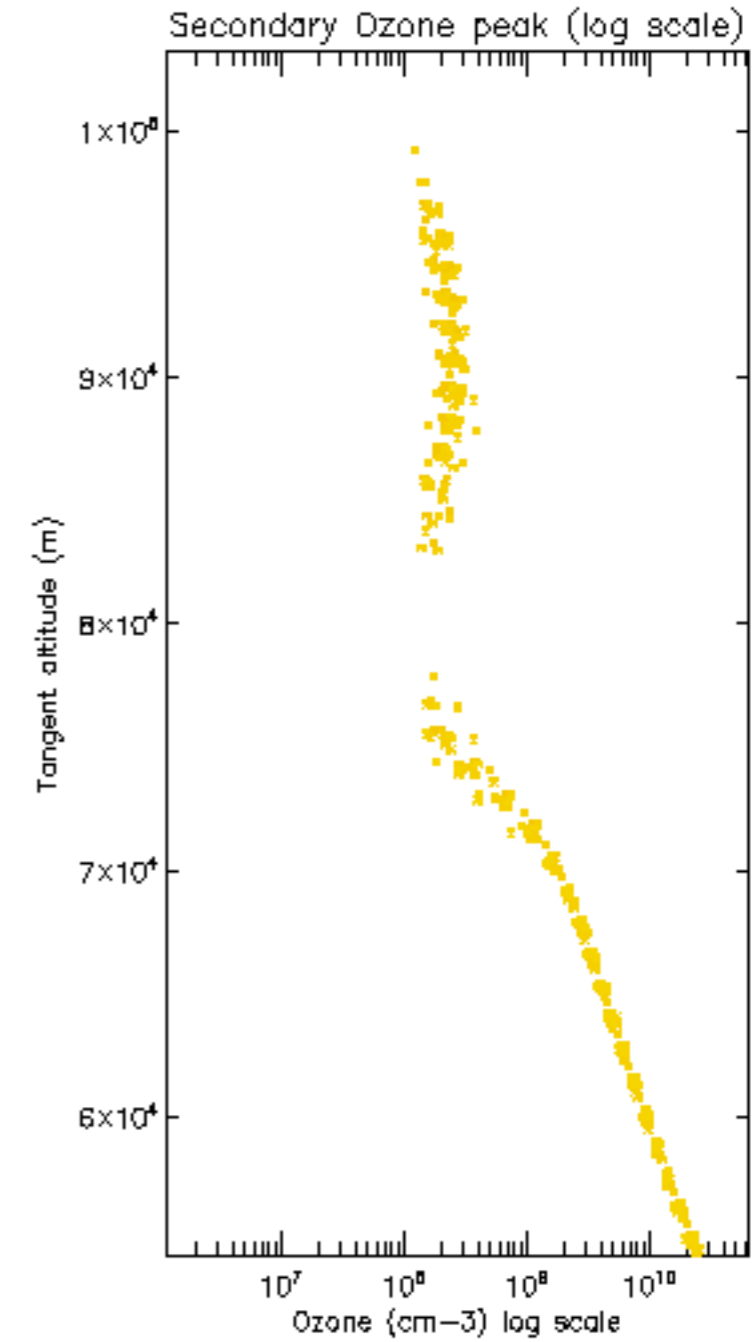
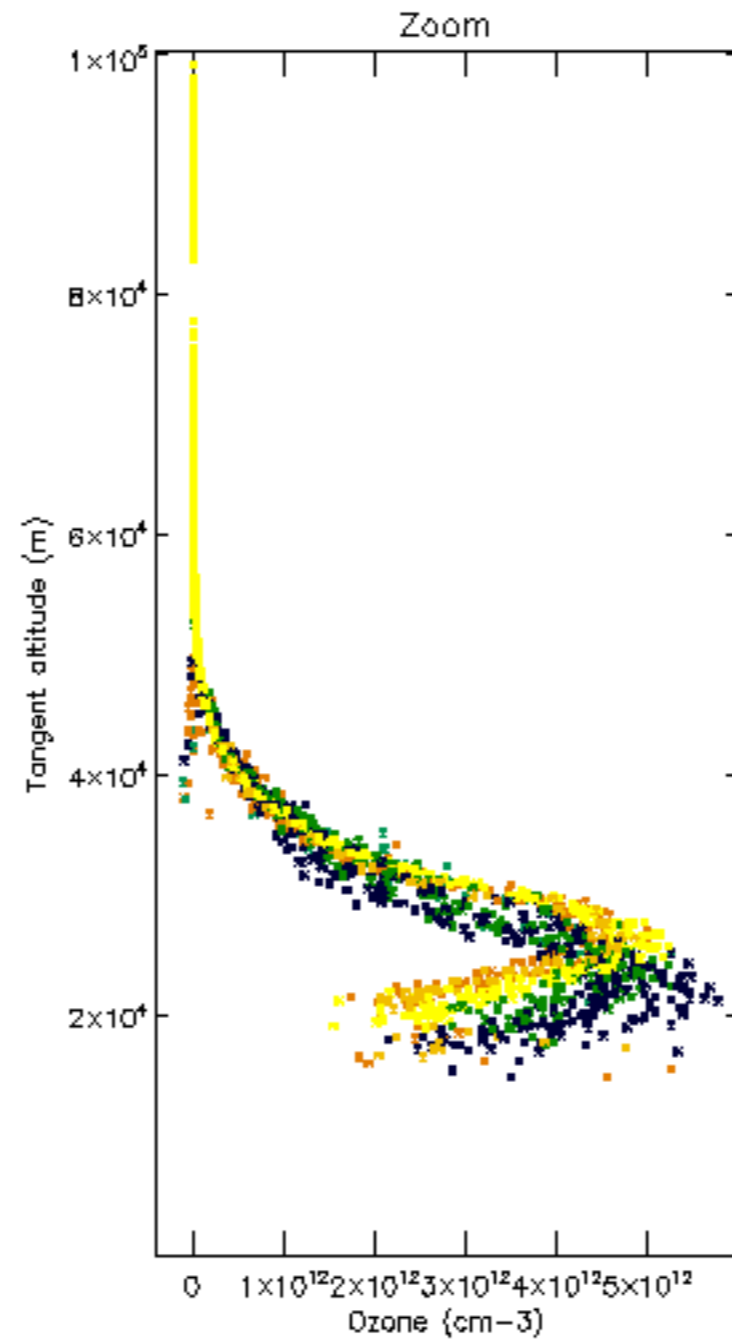
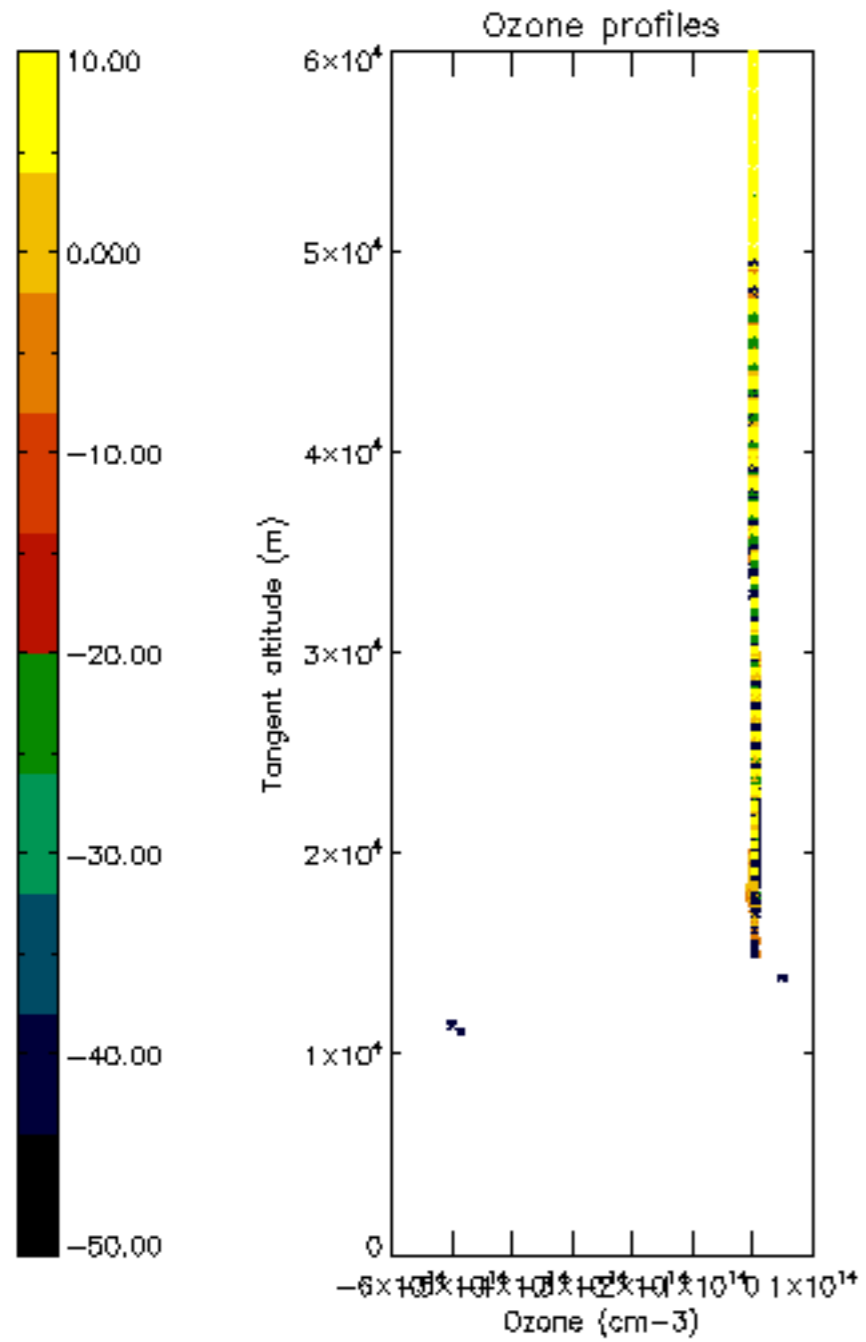
Percentage of star falling outside central band per profile

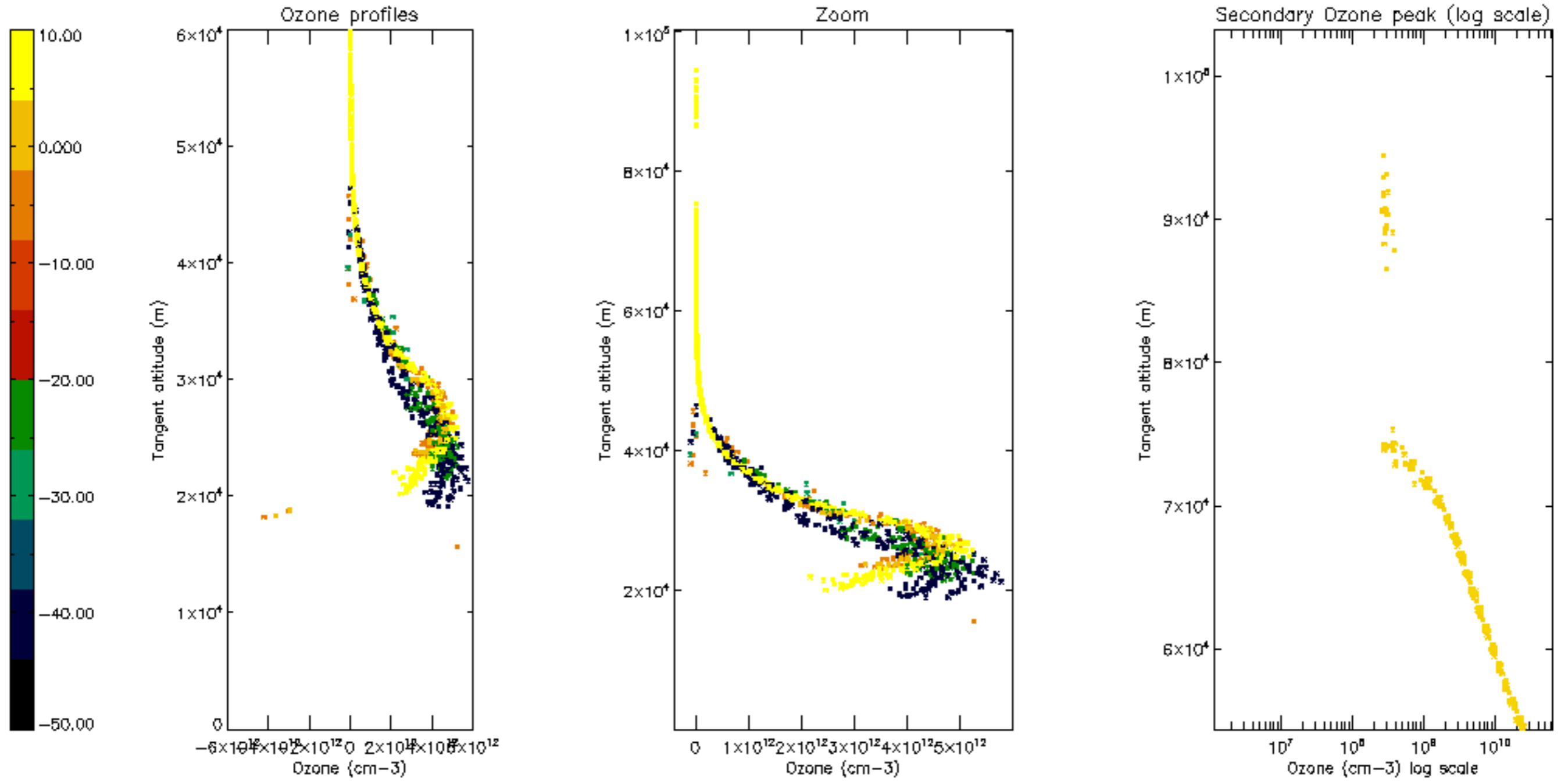


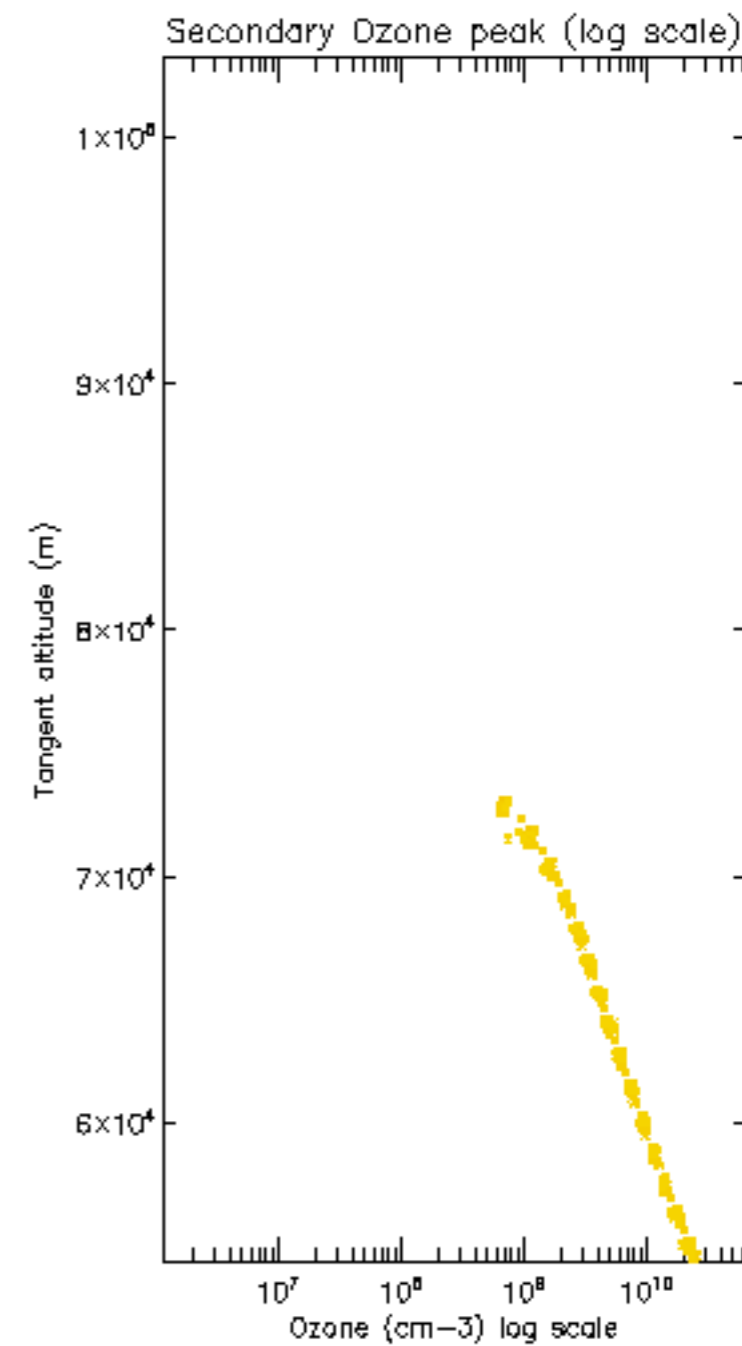
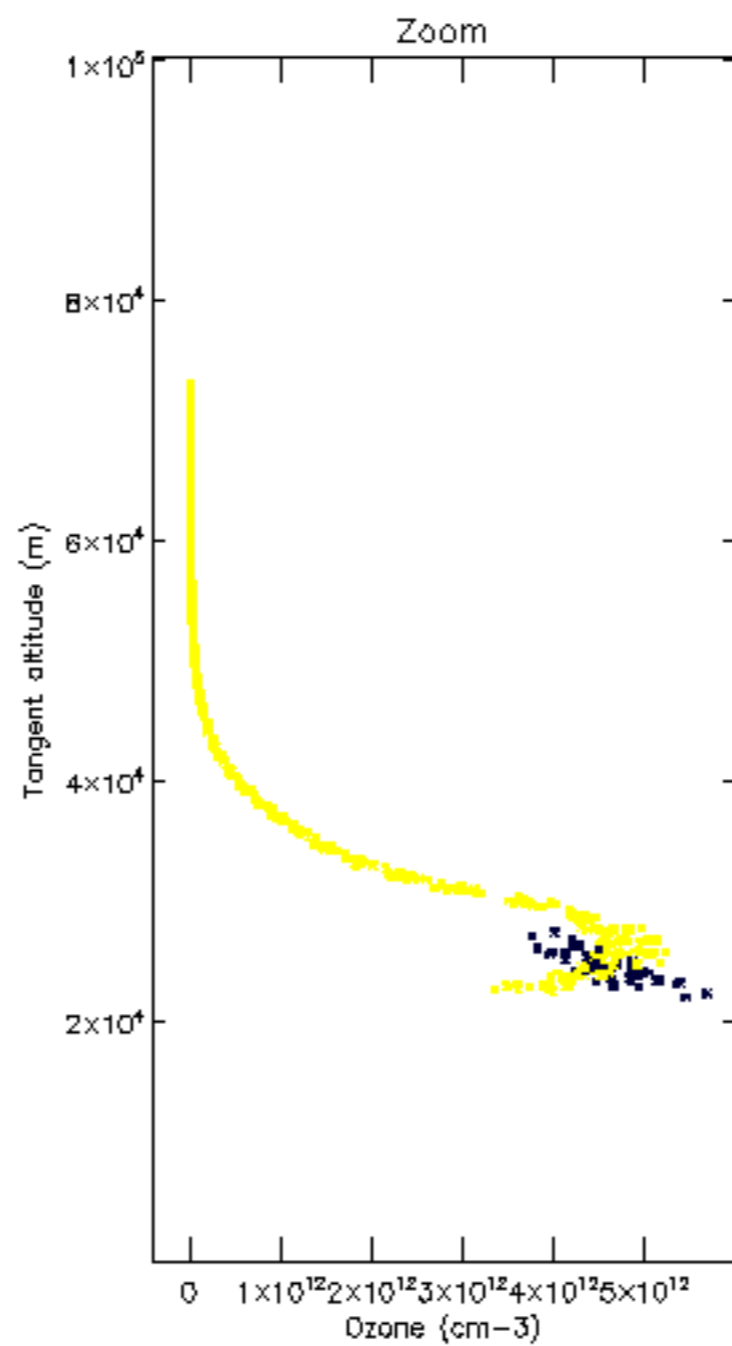
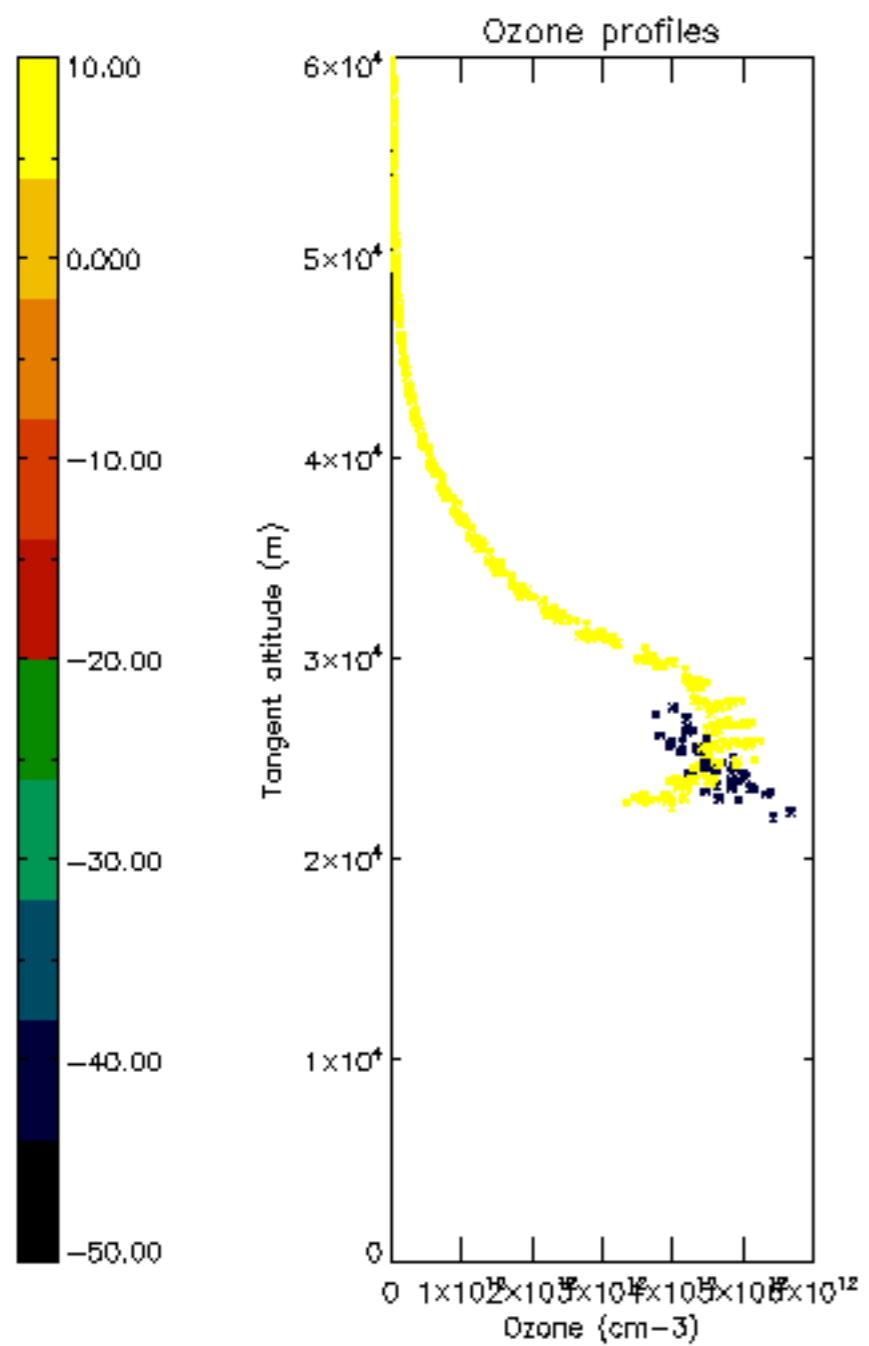
Percentage of saturation errors per profile

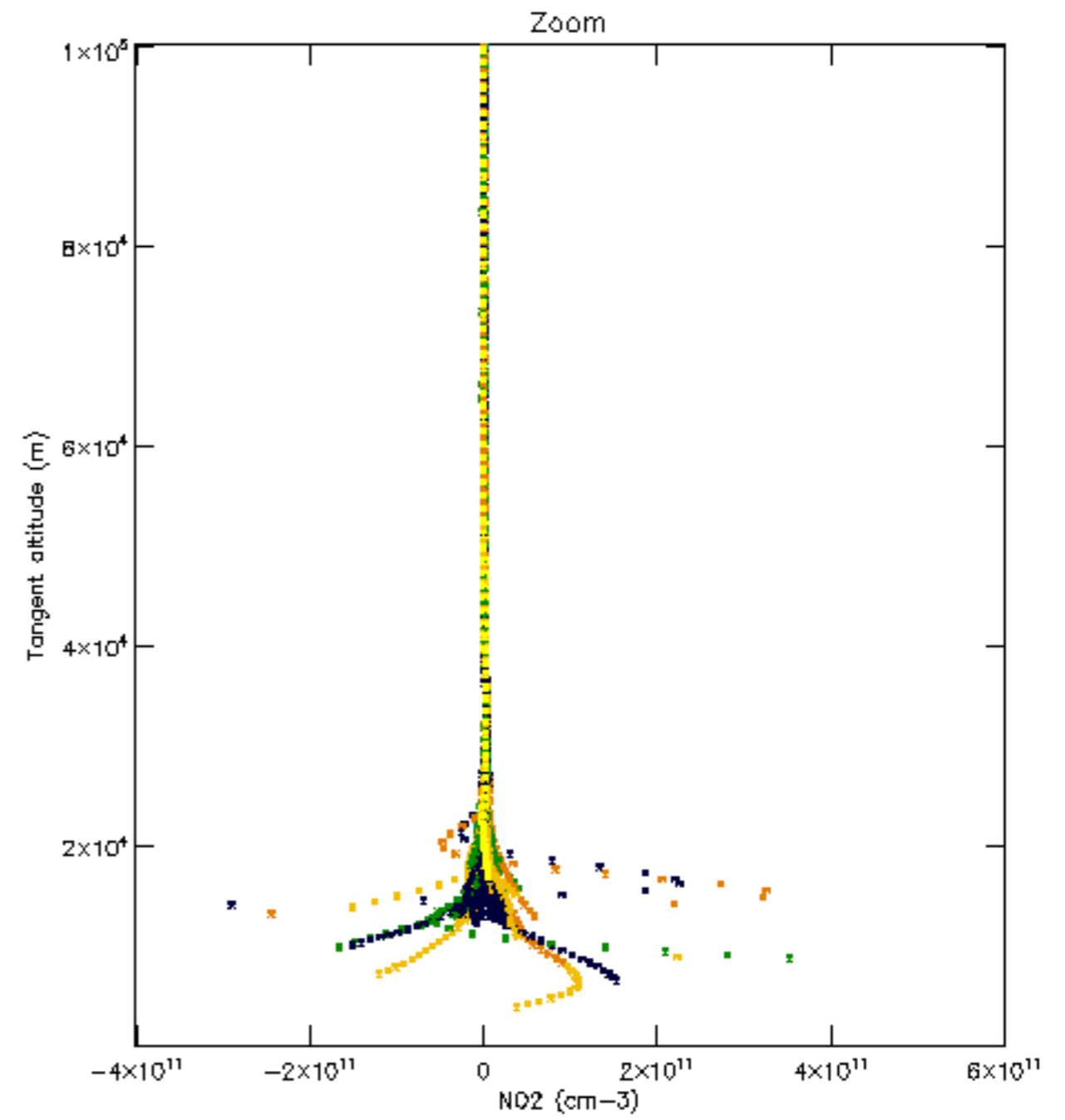
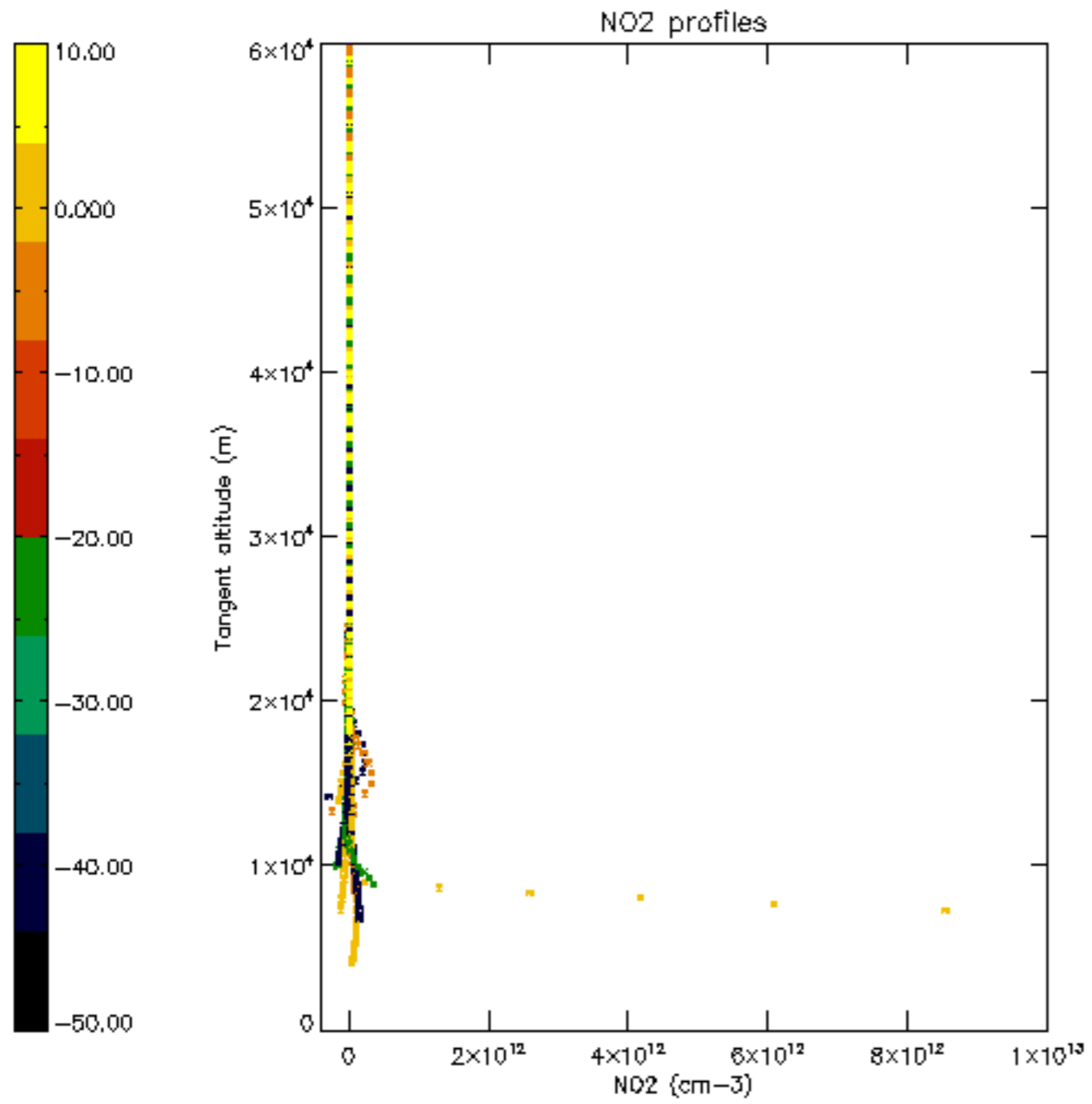


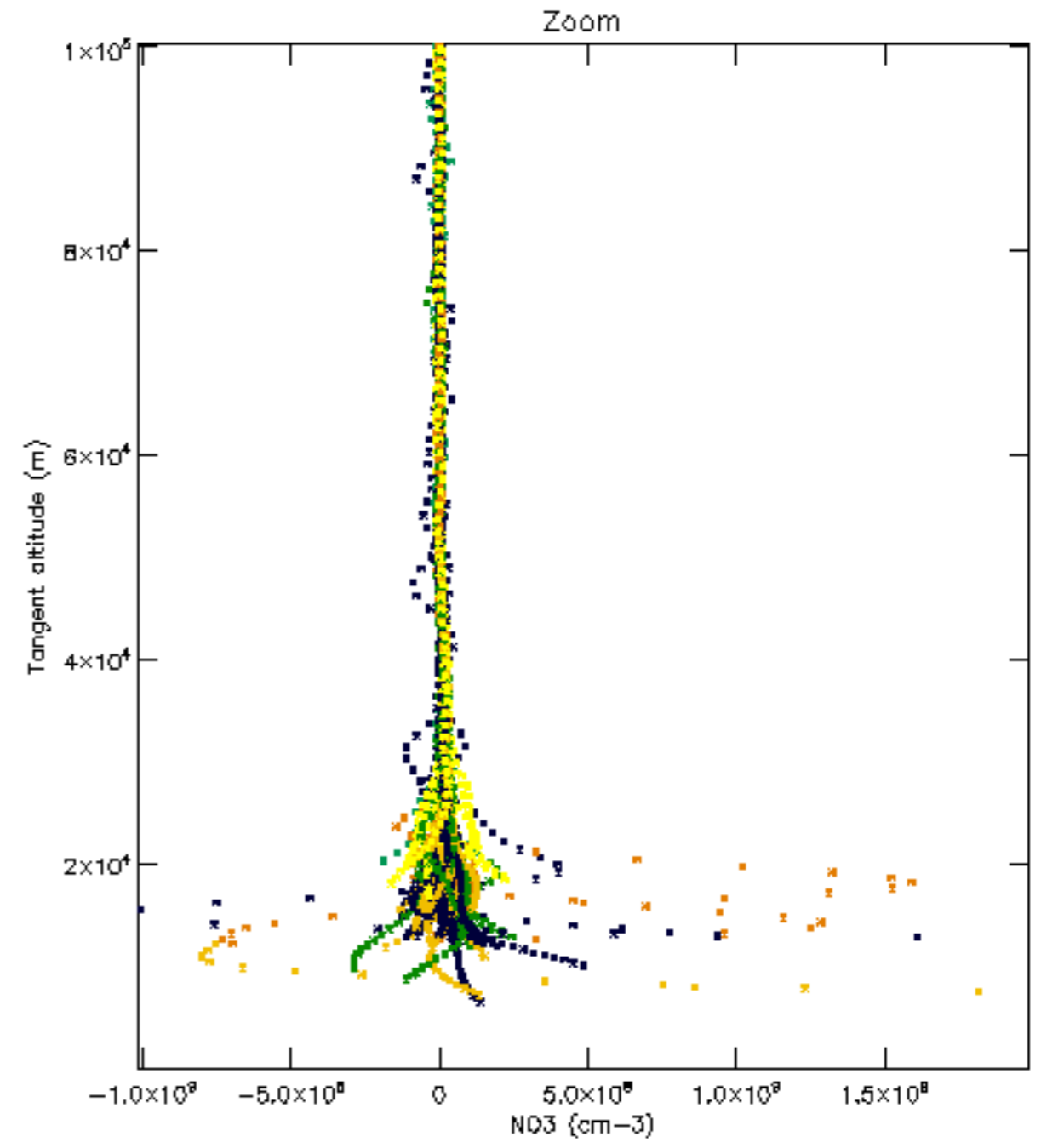
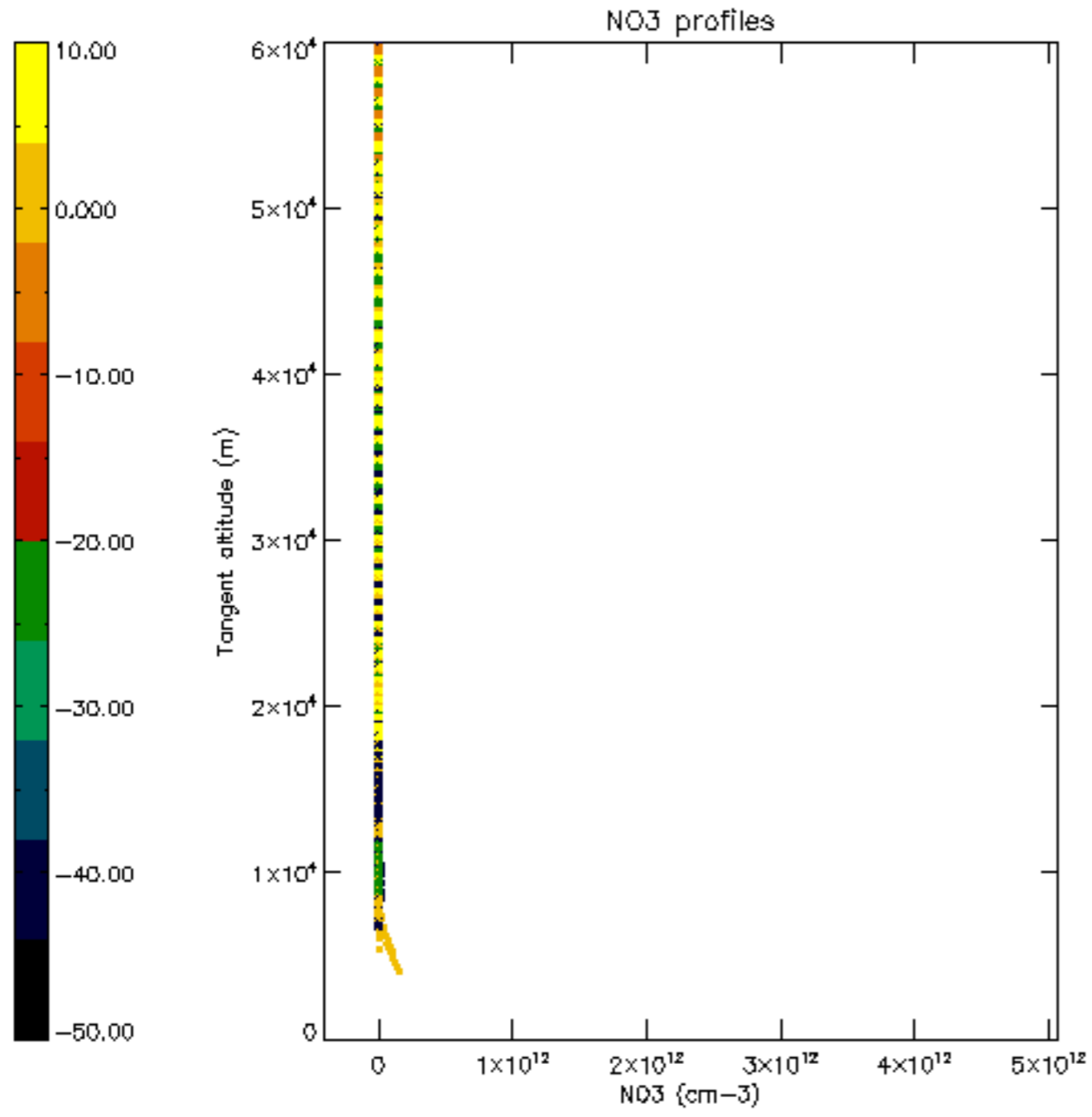


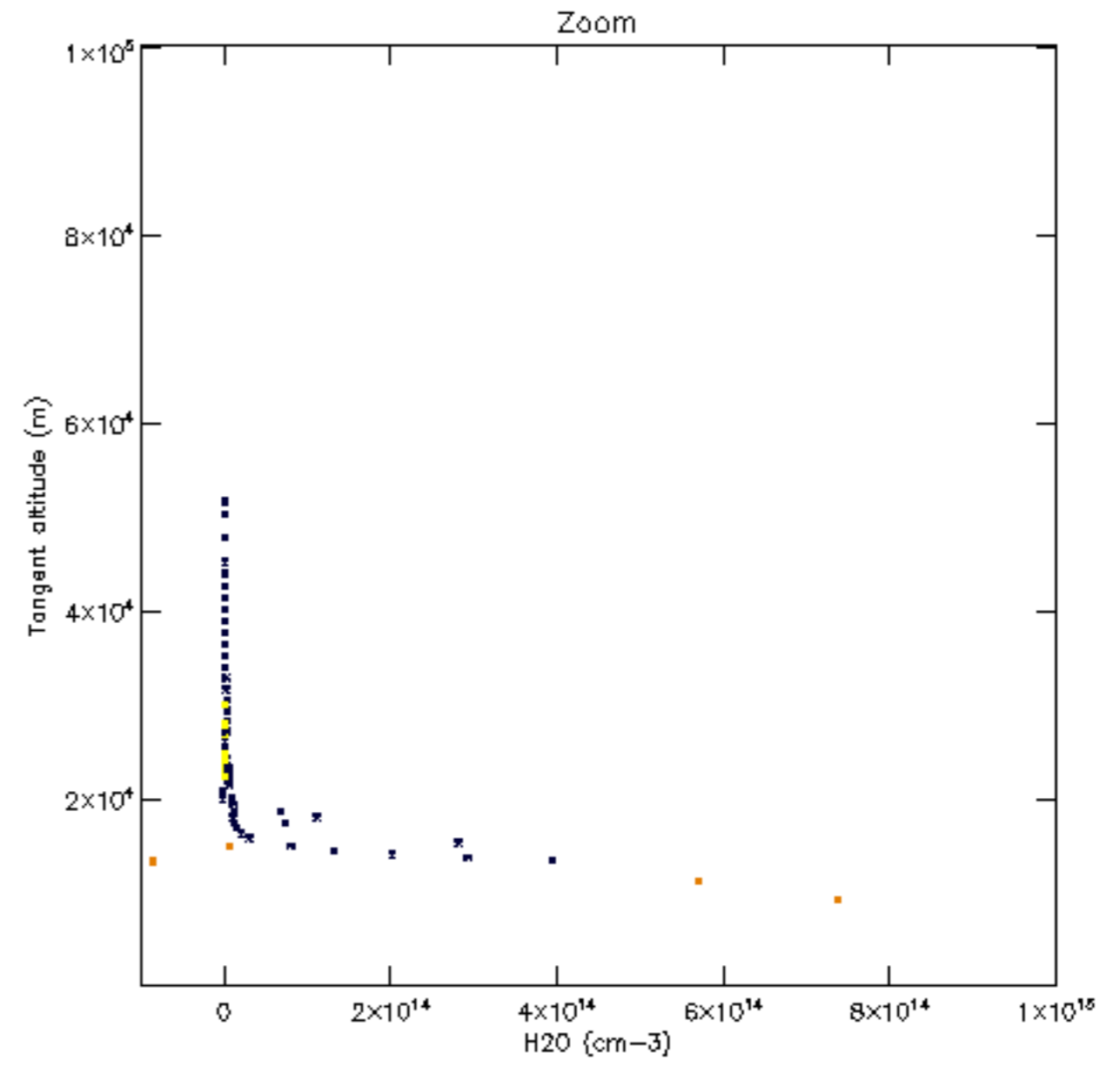
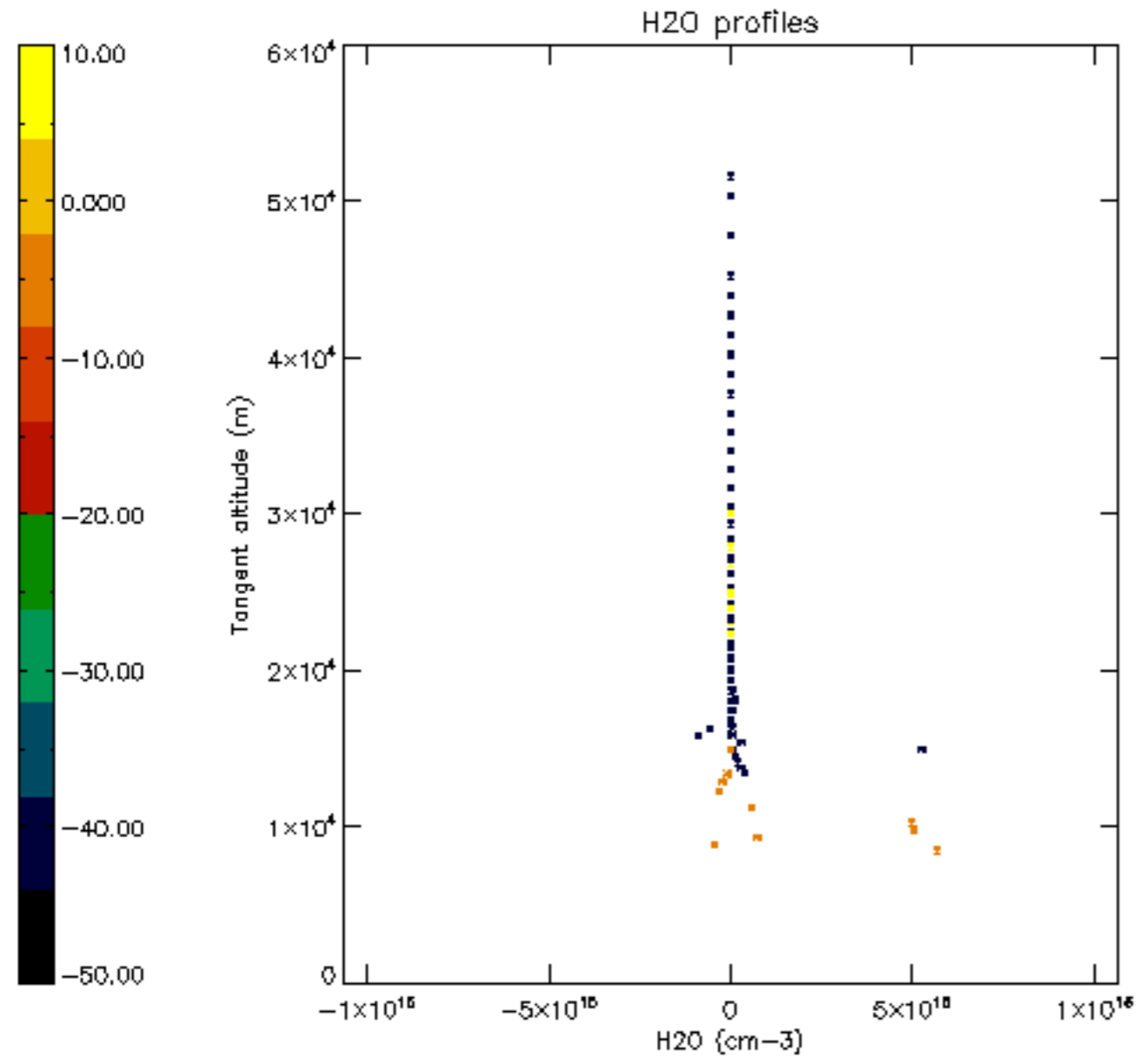


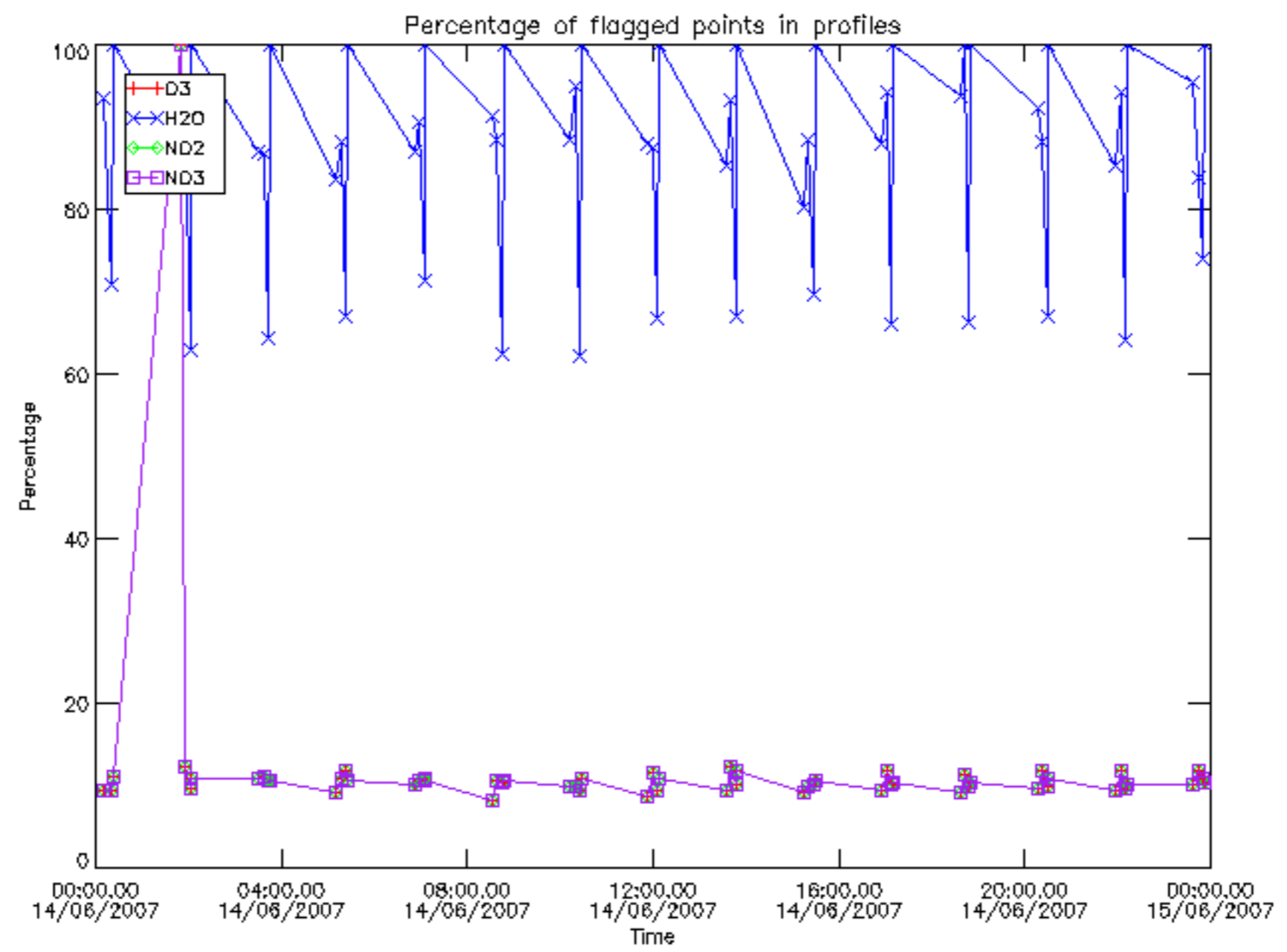




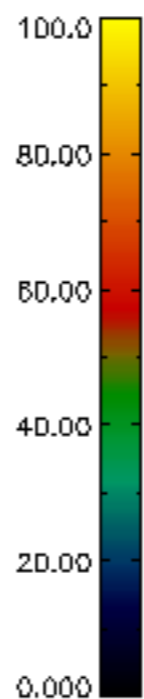
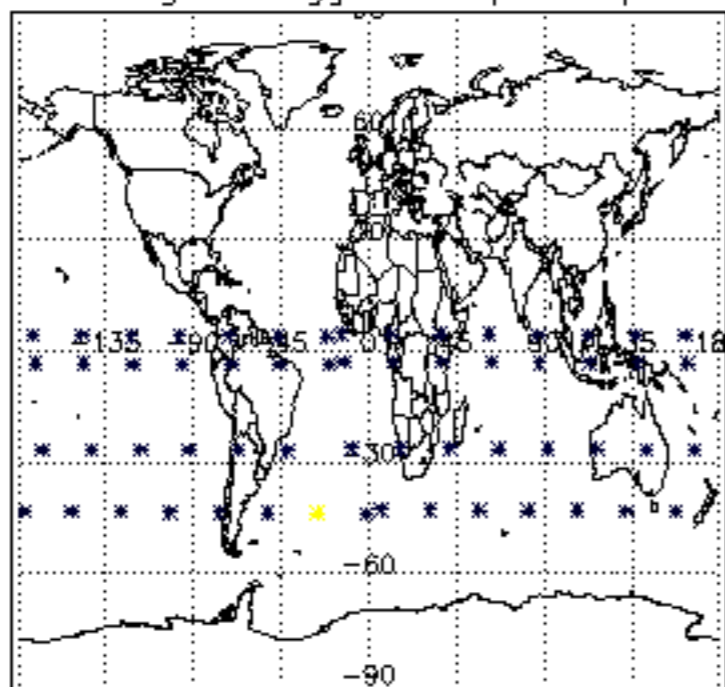




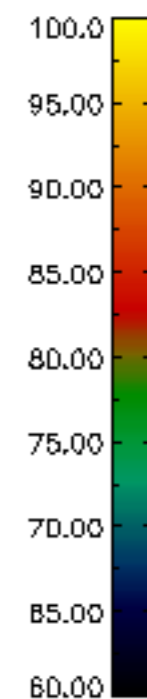
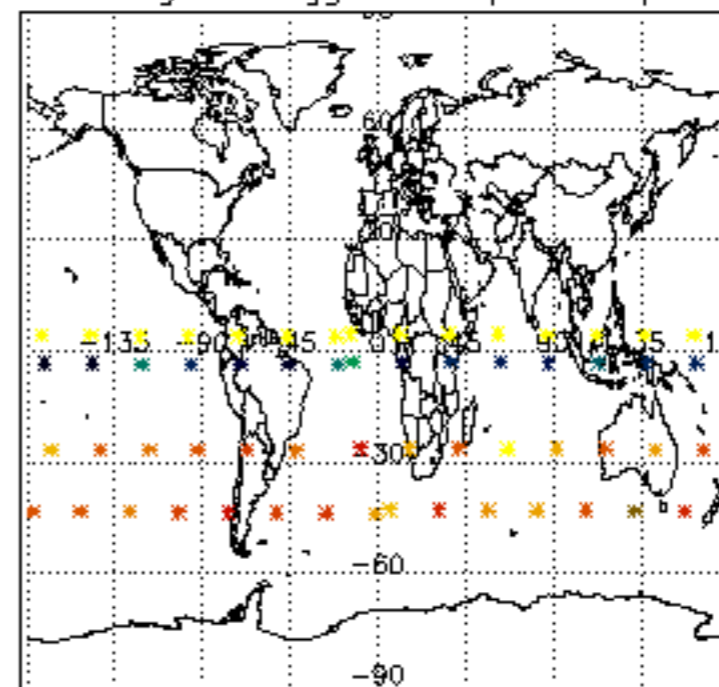




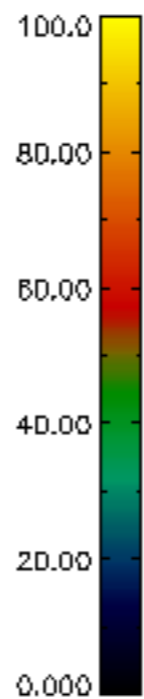
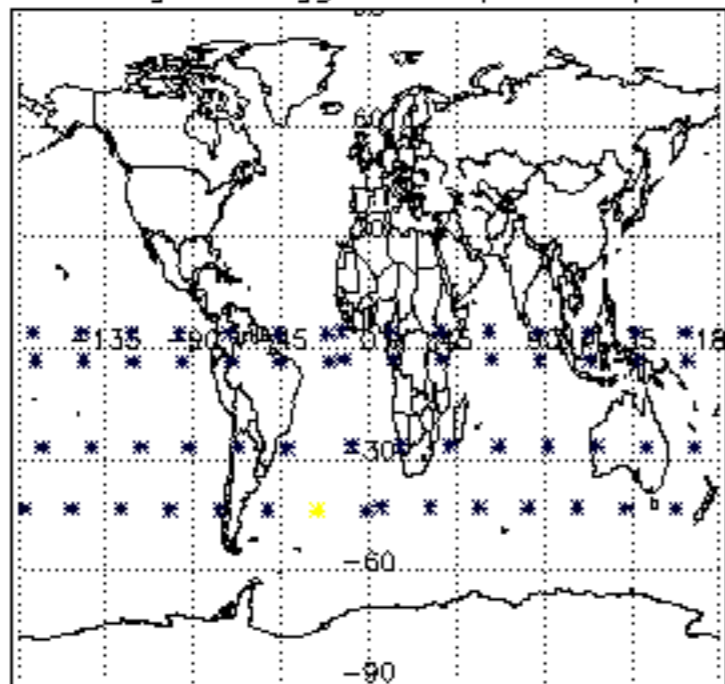
Percentage of flagged data per D3 profile



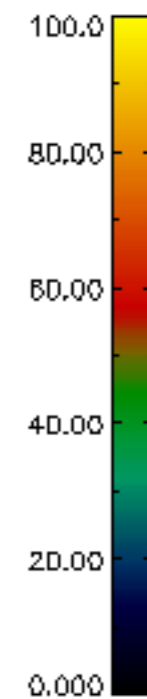
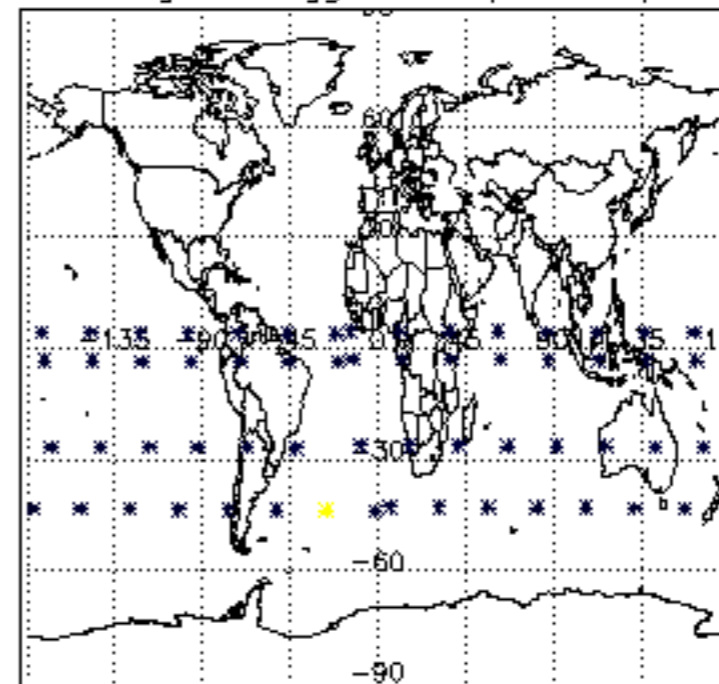
Percentage of flagged data per H2O profile

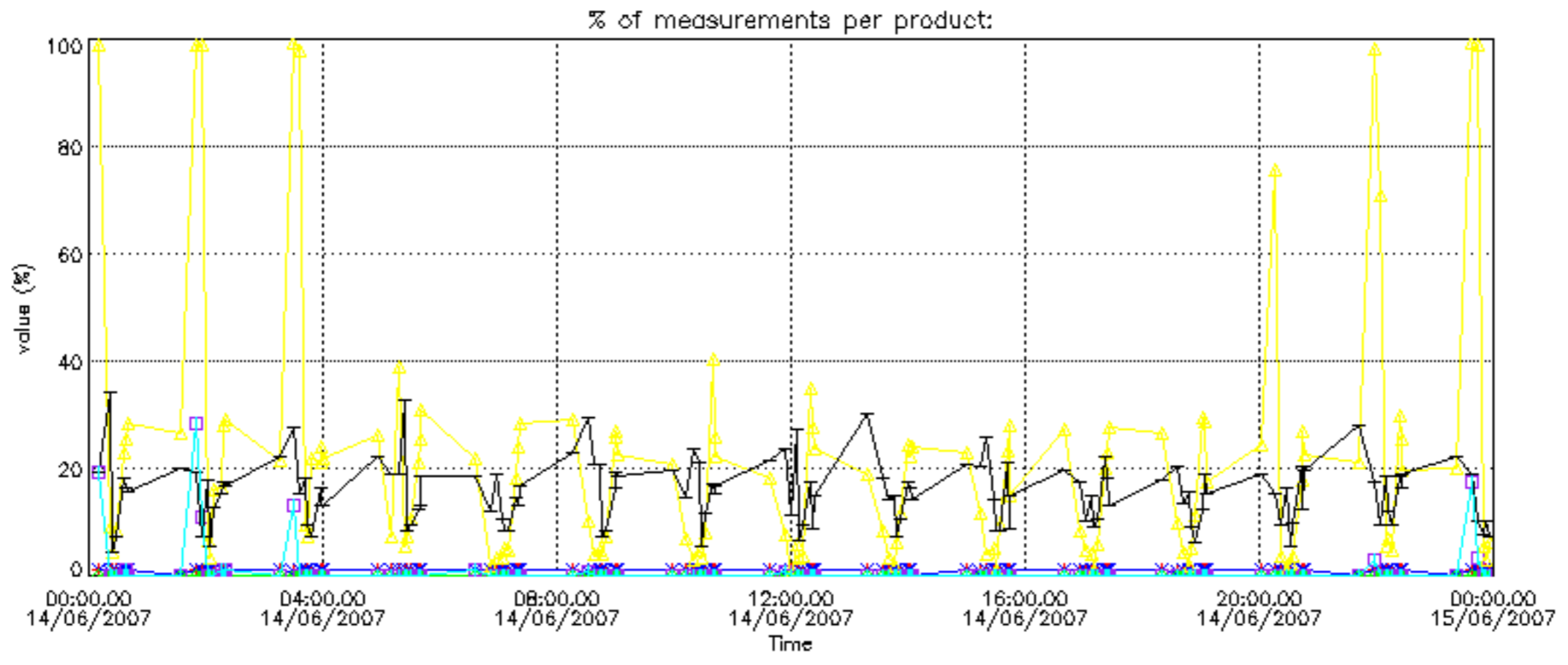
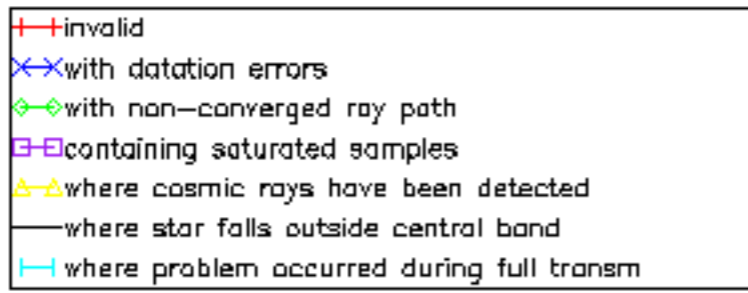


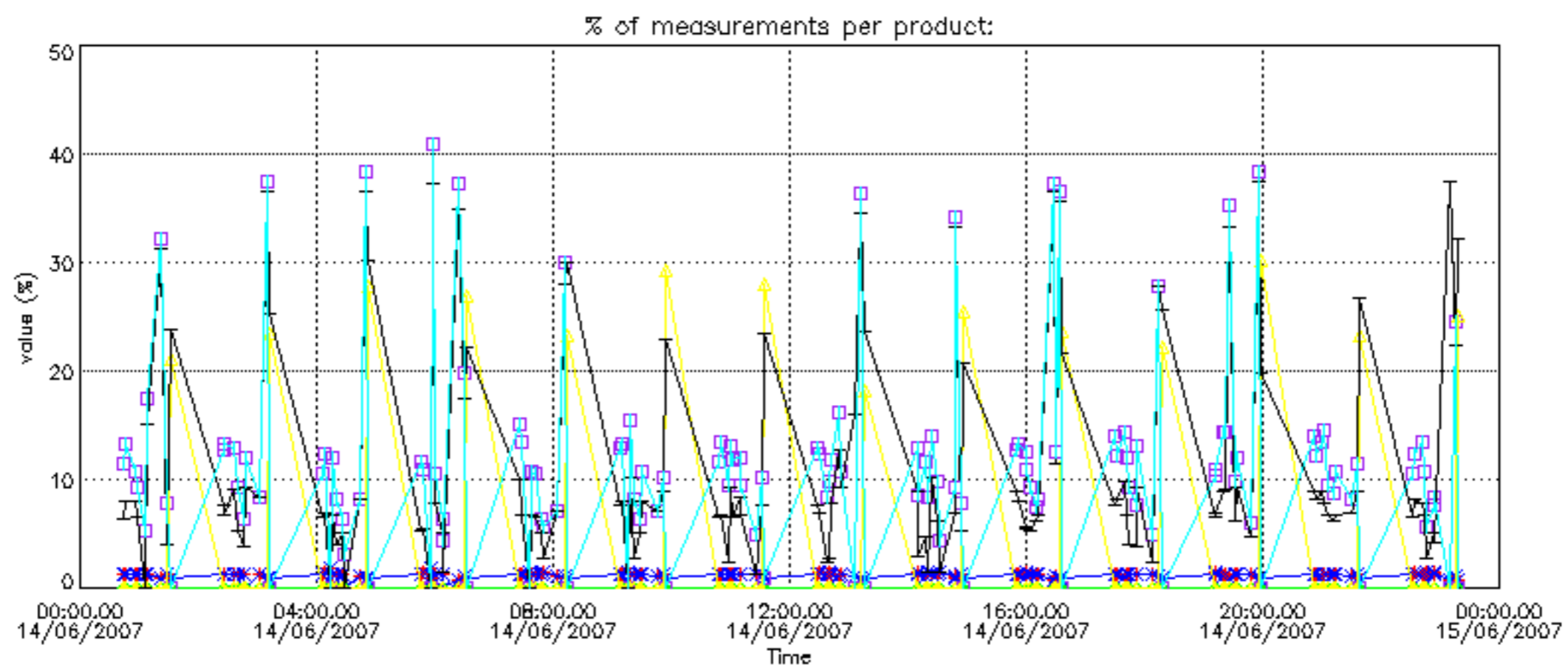
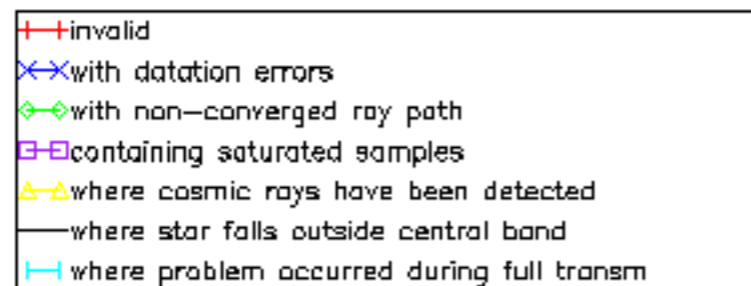
Percentage of flagged data per NO2 profile



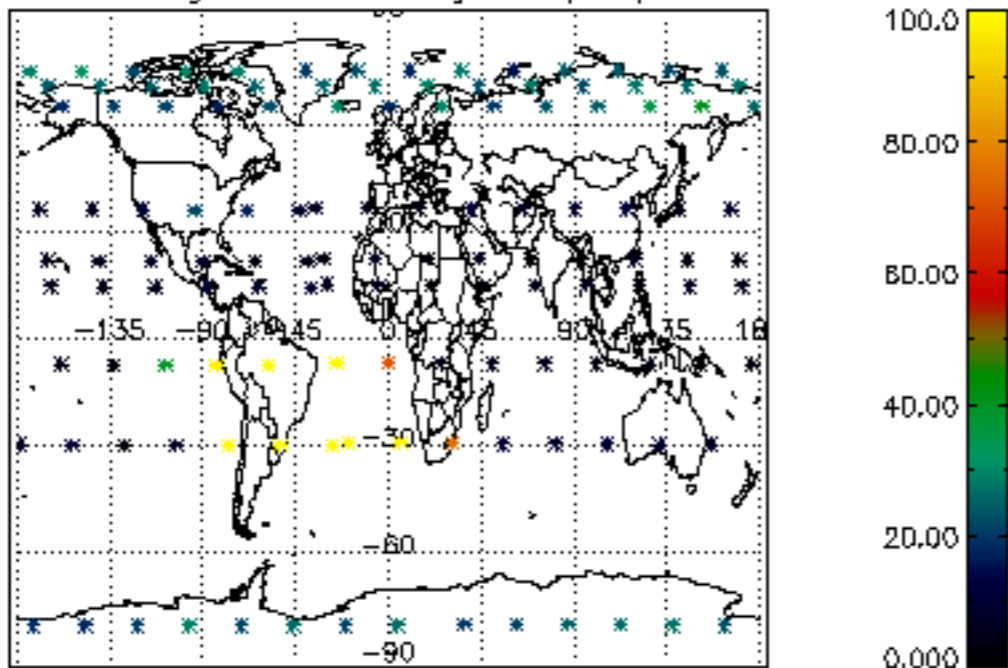
Percentage of flagged data per NO3 profile



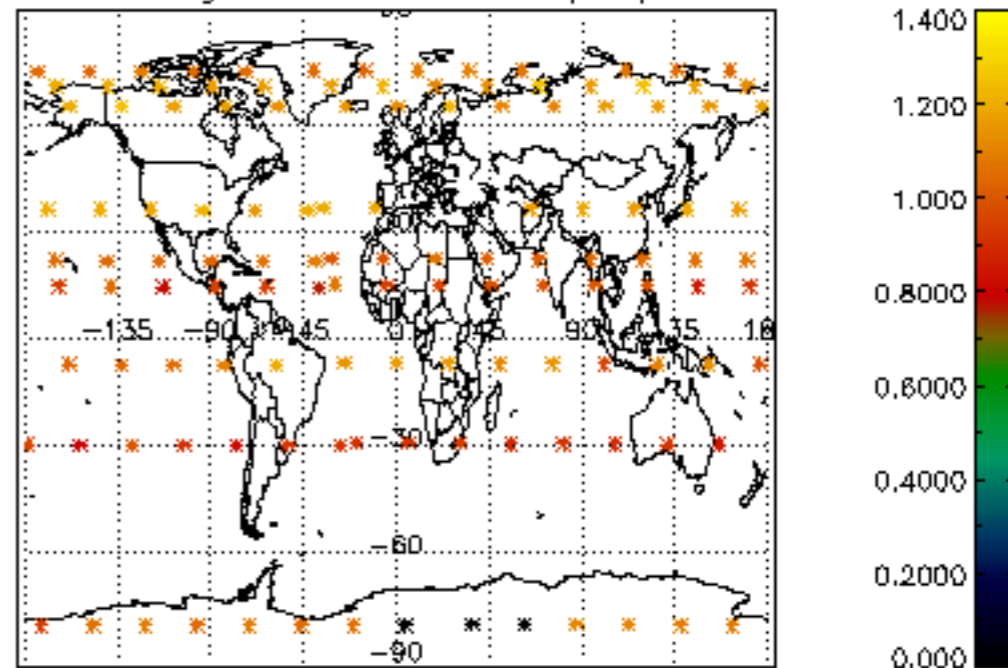




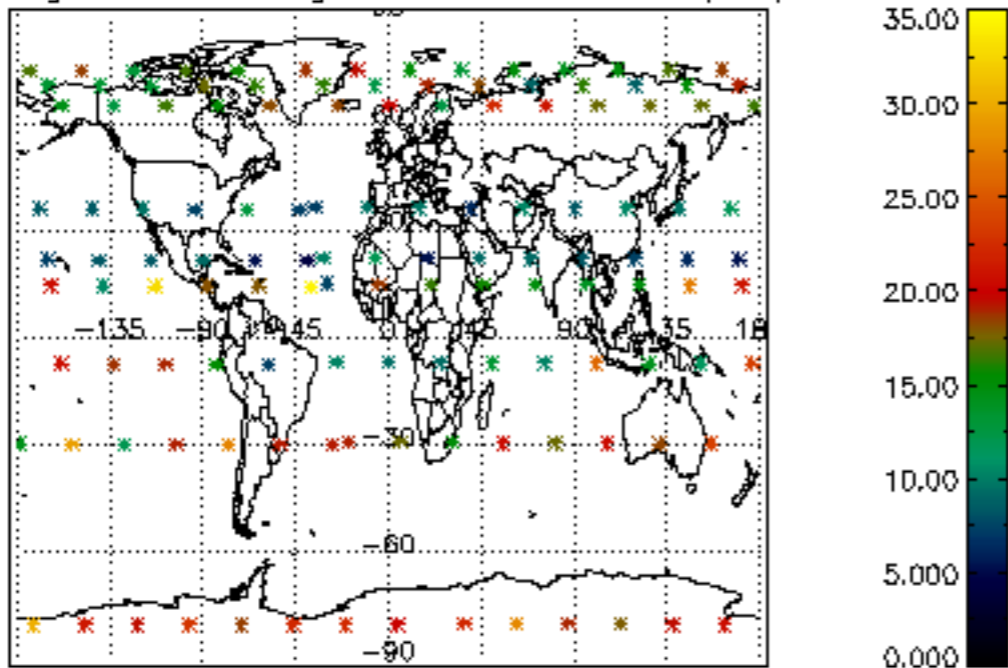
Percentage of cosmic ray hits per profile



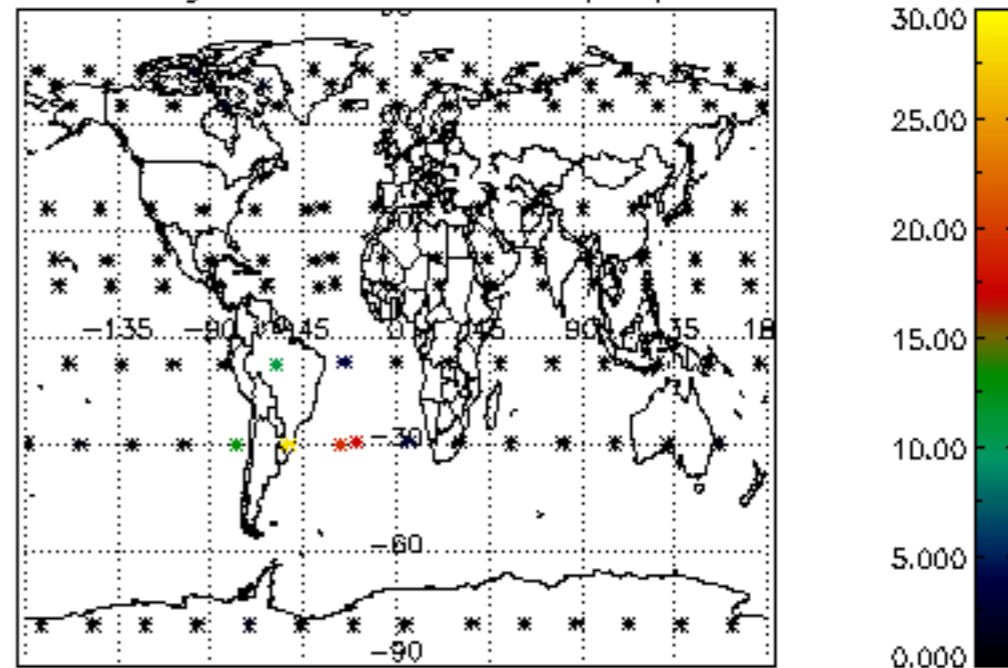
Percentage of datation errors per profile



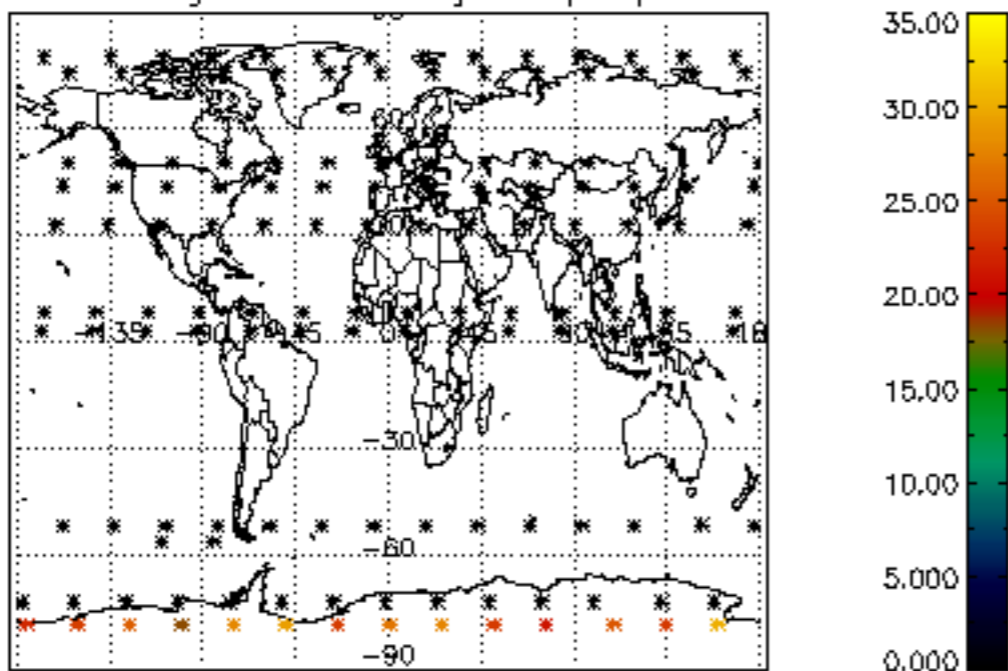
Percentage of star falling outside central band per profile



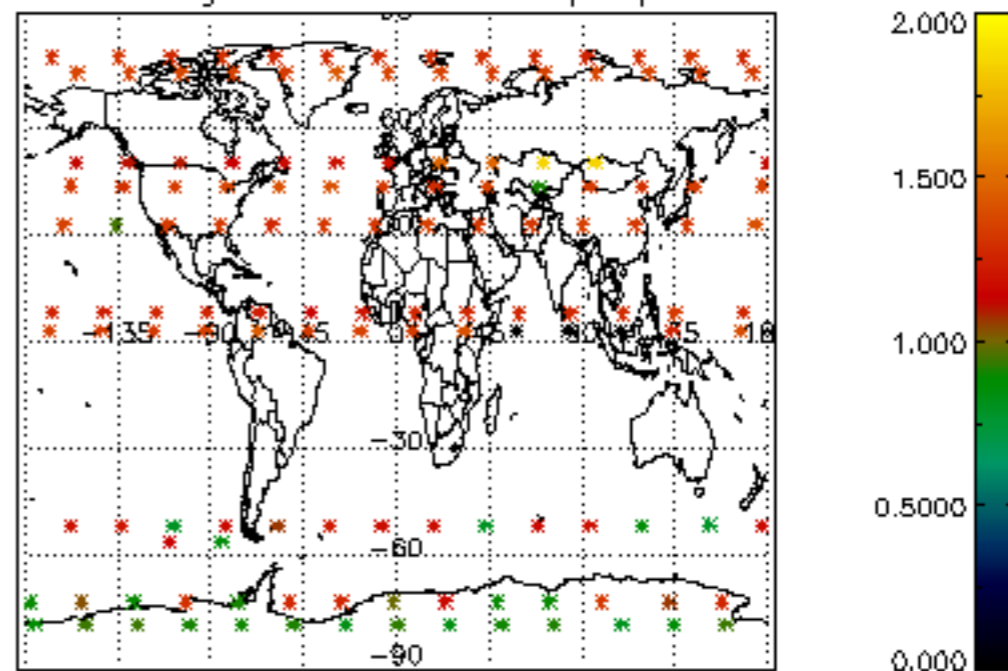
Percentage of saturation errors per profile



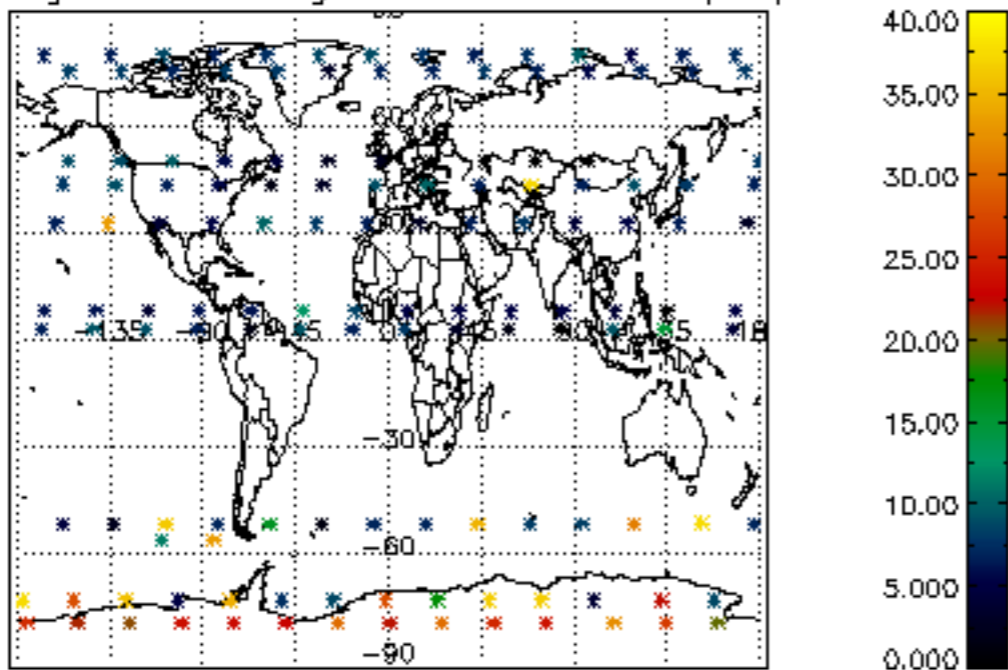
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

