

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 20:38:08
Data source version	GOMOS/6.01
Start time of products	11-06-2007 (11JUN2007 00:00:00)
Stop time of products	12-06-2007 (12JUN2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	258
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__2PRFIN20070611_000244_000000532058_00488_27596_8609.N1	11-JUN-2007 00:02:44	Dark	52.500	52	16Bet Cet	2.0370	4500.0	105	27596	No
2	GOM_NL__2PRFIN20070611_000913_000000452058_00488_27596_8610.N1	11-JUN-2007 00:09:13	Dark	44.500	84	Alp Phe	2.3970	4500.0	89	27596	No
3	GOM_NL__2PRFIN20070611_001509_000000482058_00489_27597_8609.N1	11-JUN-2007 00:15:09	Dark	47.500	63	Bet Gru	2.1500	2800.0	95	27597	No
4	GOM_NL__2PRFIN20070611_001711_000000482058_00489_27597_8610.N1	11-JUN-2007 00:17:11	Dark	48.000	31	Alp Gru	1.7340	15200.	96	27597	No
5	GOM_NL__2PRFIN20070611_002128_000000412058_00489_27597_8611.N1	11-JUN-2007 00:21:28	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	27597	No
6	GOM_NL__2PRFIN20070611_003000_000000452058_00489_27597_8612.N1	11-JUN-2007 00:30:00	Straylight	44.500	40	The Sco	1.8590	7100.0	89	27597	No
7	GOM_NL__2PRFIN20070611_003144_000000442058_00489_27597_8613.N1	11-JUN-2007 00:31:44	Twilight	44.000	25	35Lam Sco	1.6200	28000.	88	27597	No
8	GOM_NL__2PRFIN20070611_003306_000000492058_00489_27597_8614.N1	11-JUN-2007 00:33:06	Twilight	49.000	167	10Gam2Sgr	2.9840	4500.0	98	27597	No
9	GOM_NL__2PRFIN20070611_003834_000000402058_00489_27597_8615.N1	11-JUN-2007 00:38:34	Bright	39.500	86	35Eta Oph	2.4300	10200.	79	27597	No
10	GOM_NL__2PRFIN20070611_004020_000000382058_00489_27597_8616.N1	11-JUN-2007 00:40:20	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	27597	No
11	GOM_NL__2PRFIN20070611_004227_000000372058_00489_27597_8617.N1	11-JUN-2007 00:42:27	Bright	37.000	120	1Del Oph	2.7340	3200.0	74	27597	No
12	GOM_NL__2PRFIN20070611_004956_000000382058_00489_27597_8618.N1	11-JUN-2007 00:49:56	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	27597	No
13	GOM_NL__2PRFIN20070611_005305_000000372058_00489_27597_8619.N1	11-JUN-2007 00:53:05	Bright	36.500	133	40Zet Her	2.8070	6000.0	73	27597	No
14	GOM_NL__2PRFIN20070611_010010_000000382058_00489_27597_8620.N1	11-JUN-2007 01:00:10	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	27597	No
15	GOM_NL__2PRFIN20070611_011700_000000582058_00489_27597_8621.N1	11-JUN-2007 01:17:00	Bright	58.000	76	27Gam Cas	2.3000	30000.	116	27597	No
16	GOM_NL__2PRFIN20070611_012256_000000392058_00489_27597_8622.N1	11-JUN-2007 01:22:56	Bright	38.500	73	57Gam1And	2.2600	13100.	77	27597	No
17	GOM_NL__2PRFIN20070611_012515_000000542058_00489_27597_8623.N1	11-JUN-2007 01:25:15	Twilight	54.000	53	43Bet And	2.0480	3300.0	108	27597	No
18	GOM_NL__2PRFIN20070611_012834_000000442058_00489_27597_8624.N1	11-JUN-2007 01:28:34	Twilight	43.500	50	13Alp Ari	2.0070	4250.0	87	27597	No
19	GOM_NL__2PRFIN20070611_014321_000000482058_00489_27597_8625.N1	11-JUN-2007 01:43:21	Dark	48.000	52	16Bet Cet	2.0370	4500.0	96	27597	No
20	GOM_NL__2PRFIN20070611_014949_000000422058_00489_27597_8626.N1	11-JUN-2007 01:49:49	Dark	42.000	84	Alp Phe	2.3970	4500.0	84	27597	No
21	GOM_NL__2PRFIN20070611_015546_000000522058_00490_27598_8624.N1	11-JUN-2007 01:55:46	Dark	51.500	63	Bet Gru	2.1500	2800.0	103	27598	No
22	GOM_NL__2PRFIN20070611_015747_000000542058_00490_27598_8625.N1	11-JUN-2007 01:57:47	Dark	54.000	31	Alp Gru	1.7340	15200.	108	27598	No
23	GOM_NL__2PRFIN20070611_020205_000000422058_00490_27598_8626.N1	11-JUN-2007 02:02:05	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	27598	No
24	GOM_NL__2PRFIN20070611_021036_000000452058_00490_27598_8627.N1	11-JUN-2007 02:10:36	Straylight	45.000	40	The Sco	1.8590	7100.0	90	27598	No
25	GOM_NL__2PRFIN20070611_021220_000000442058_00490_27598_8628.N1	11-JUN-2007 02:12:20	Twilight	44.000	25	35Lam Sco	1.6200	28000.	88	27598	No
26	GOM_NL__2PRFIN20070611_021342_000000492058_00490_27598_8629.N1	11-JUN-2007 02:13:42	Twilight	48.500	167	10Gam2Sgr	2.9840	4500.0	97	27598	No
27	GOM_NL__2PRFIN20070611_021910_000000412058_00490_27598_8630.N1	11-JUN-2007 02:19:10	Bright	41.000	86	35Eta Oph	2.4300	10200.	82	27598	No
28	GOM_NL__2PRFIN20070611_022056_000000372058_00490_27598_8631.N1	11-JUN-2007 02:20:56	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	27598	No
29	GOM_NL__2PRFIN20070611_022303_000000372058_00490_27598_8632.N1	11-JUN-2007 02:23:03	Bright	37.000	120	1Del Oph	2.7340	3200.0	74	27598	No
30	GOM_NL__2PRFIN20070611_023031_000000562058_00490_27598_8633.N1	11-JUN-2007 02:30:31	Bright	56.000	127	27Bet Her	2.7810	4700.0	112	27598	No
31	GOM_NL__2PRFIN20070611_023341_000000392058_00490_27598_8634.N1	11-JUN-2007 02:33:41	Bright	39.000	133	40Zet Her	2.8070	6000.0	78	27598	No
32	GOM_NL__2PRFIN20070611_024045_000000392058_00490_27598_8635.N1	11-JUN-2007 02:40:45	Bright	39.000	130	23Bet Dra	2.7990	5800.0	78	27598	No
33	GOM_NL__2PRFIN20070611_025736_000000382058_00490_27598_8636.N1	11-JUN-2007 02:57:36	Bright	38.000	76	27Gam Cas	2.3000	30000.	76	27598	No
34	GOM_NL__2PRFIN20070611_030332_000000422058_00490_27598_8637.N1	11-JUN-2007 03:03:32	Bright	41.500	73	57Gam1And	2.2600	13100.	83	27598	No
35	GOM_NL__2PRFIN20070611_030551_000000522058_00490_27598_8638.N1	11-JUN-2007 03:05:51	Twilight	51.500	53	43Bet And	2.0480	3300.0	103	27598	No
36	GOM_NL__2PRFIN20070611_030910_000000452058_00490_27598_8639.N1	11-JUN-2007 03:09:10	Twilight	45.000	50	13Alp Ari	2.0070	4250.0	90	27598	No
37	GOM_NL__2PRFIN20070611_032358_000000492058_00490_27598_8640.N1	11-JUN-2007 03:23:58	Dark	49.000	52	16Bet Cet	2.0370	4500.0	98	27598	No
38	GOM_NL__2PRFIN20070611_033026_000000472058_00490_27598_8641.N1	11-JUN-2007 03:30:26	Dark	46.500	84	Alp Phe	2.3970	4500.0	93	27598	No
39	GOM_NL__2PRFIN20070611_033623_000000542058_00491_27599_8627.N1	11-JUN-2007 03:36:23	Dark	53.500	63	Bet Gru	2.1500	2800.0	107	27599	No
40	GOM_NL__2PRFIN20070611_033824_000000502058_00491_27599_8628.N1	11-JUN-2007 03:38:24	Dark	50.000	31	Alp Gru	1.7340	15200.	100	27599	No
41	GOM_NL__2PRFIN20070611_034241_000000422058_00491_27599_8629.N1	11-JUN-2007 03:42:41	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	27599	No
42	GOM_NL__2PRFIN20070611_035112_000000452058_00491_27599_8630.N1	11-JUN-2007 03:51:12	Straylight	44.500	40	The Sco	1.8590	7100.0	89	27599	No

43	GOM_NL__2PRFIN20070611_035257_000000442058_00491_27599_8631.N1	11-JUN-2007 03:52:57	Twilight	44.000	25	35Lam Sco	1.6200	28000.	88	27599	No
44	GOM_NL__2PRFIN20070611_035419_000000462058_00491_27599_8632.N1	11-JUN-2007 03:54:19	Twilight	46.000	167	10Gam2Sgr	2.9840	4500.0	92	27599	No
45	GOM_NL__2PRFIN20070611_035946_000000412058_00491_27599_8633.N1	11-JUN-2007 03:59:46	Bright	41.000	86	35Eta Oph	2.4300	10200.	82	27599	No
46	GOM_NL__2PRFIN20070611_040132_000000382058_00491_27599_8634.N1	11-JUN-2007 04:01:32	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	27599	No
47	GOM_NL__2PRFIN20070611_040339_000000372058_00491_27599_8635.N1	11-JUN-2007 04:03:39	Bright	37.000	120	1Del Oph	2.7340	3200.0	74	27599	No
48	GOM_NL__2PRFIN20070611_041107_000000382058_00491_27599_8636.N1	11-JUN-2007 04:11:07	Bright	37.500	127	27Bet Her	2.7810	4700.0	75	27599	No
49	GOM_NL__2PRFIN20070611_041417_000000392058_00491_27599_8637.N1	11-JUN-2007 04:14:17	Bright	38.500	133	40Zet Her	2.8070	6000.0	77	27599	No
50	GOM_NL__2PRFIN20070611_042121_000000412058_00491_27599_8638.N1	11-JUN-2007 04:21:21	Bright	40.500	130	23Bet Dra	2.7990	5800.0	81	27599	No
51	GOM_NL__2PRFIN20070611_043812_000000452058_00491_27599_8639.N1	11-JUN-2007 04:38:12	Bright	44.500	76	27Gam Cas	2.3000	30000.	89	27599	No
52	GOM_NL__2PRFIN20070611_044408_000000502058_00491_27599_8640.N1	11-JUN-2007 04:44:08	Bright	50.000	73	57Gam1And	2.2600	13100.	100	27599	No
53	GOM_NL__2PRFIN20070611_044627_000000522058_00491_27599_8641.N1	11-JUN-2007 04:46:27	Twilight	52.000	53	43Bet And	2.0480	3300.0	104	27599	No
54	GOM_NL__2PRFIN20070611_044946_000000462058_00491_27599_8642.N1	11-JUN-2007 04:49:46	Twilight	45.500	50	13Alp Ari	2.0070	4250.0	91	27599	No
55	GOM_NL__2PRFIN20070611_050435_000000552058_00491_27599_8643.N1	11-JUN-2007 05:04:35	Dark	54.500	52	16Bet Cet	2.0370	4500.0	109	27599	No
56	GOM_NL__2PRFIN20070611_051102_000000442058_00491_27599_8644.N1	11-JUN-2007 05:11:02	Dark	43.500	84	Alp Phe	2.3970	4500.0	87	27599	No
57	GOM_NL__2PRFIN20070611_051700_000000632058_00492_27600_8647.N1	11-JUN-2007 05:17:00	Dark	63.000	63	Bet Gru	2.1500	2800.0	126	27600	No
58	GOM_NL__2PRFIN20070611_051901_000000532058_00492_27600_8648.N1	11-JUN-2007 05:19:01	Dark	53.000	31	Alp Gru	1.7340	15200.	106	27600	No
59	GOM_NL__2PRFIN20070611_052318_000000422058_00492_27600_8649.N1	11-JUN-2007 05:23:18	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	27600	No
60	GOM_NL__2PRFIN20070611_053149_000000432058_00492_27600_8650.N1	11-JUN-2007 05:31:49	Straylight	42.500	40	The Sco	1.8590	7100.0	85	27600	No
61	GOM_NL__2PRFIN20070611_053333_000000412058_00492_27600_8651.N1	11-JUN-2007 05:33:33	Twilight	41.000	25	35Lam Sco	1.6200	28000.	82	27600	No
62	GOM_NL__2PRFIN20070611_053455_000000482058_00492_27600_8652.N1	11-JUN-2007 05:34:55	Twilight	47.500	167	10Gam2Sgr	2.9840	4500.0	95	27600	No
63	GOM_NL__2PRFIN20070611_054022_000000412058_00492_27600_8653.N1	11-JUN-2007 05:40:22	Bright	41.000	86	35Eta Oph	2.4300	10200.	82	27600	No
64	GOM_NL__2PRFIN20070611_054208_000000382058_00492_27600_8654.N1	11-JUN-2007 05:42:08	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	27600	No
65	GOM_NL__2PRFIN20070611_054415_000000372058_00492_27600_8655.N1	11-JUN-2007 05:44:15	Bright	36.500	120	1Del Oph	2.7340	3200.0	73	27600	No
66	GOM_NL__2PRFIN20070611_055143_000000382058_00492_27600_8656.N1	11-JUN-2007 05:51:43	Bright	37.500	127	27Bet Her	2.7810	4700.0	75	27600	No
67	GOM_NL__2PRFIN20070611_055453_000000392058_00492_27600_8657.N1	11-JUN-2007 05:54:53	Bright	38.500	133	40Zet Her	2.8070	6000.0	77	27600	No
68	GOM_NL__2PRFIN20070611_060156_000000422058_00492_27600_8658.N1	11-JUN-2007 06:01:56	Bright	41.500	130	23Bet Dra	2.7990	5800.0	83	27600	No
69	GOM_NL__2PRFIN20070611_061848_000000402058_00492_27600_8659.N1	11-JUN-2007 06:18:48	Bright	40.000	76	27Gam Cas	2.3000	30000.	80	27600	No
70	GOM_NL__2PRFIN20070611_062444_000000502058_00492_27600_8660.N1	11-JUN-2007 06:24:44	Bright	49.500	73	57Gam1And	2.2600	13100.	99	27600	No
71	GOM_NL__2PRFIN20070611_062703_000000532058_00492_27600_8661.N1	11-JUN-2007 06:27:03	Twilight	52.500	53	43Bet And	2.0480	3300.0	105	27600	No
72	GOM_NL__2PRFIN20070611_063022_000000482058_00492_27600_8662.N1	11-JUN-2007 06:30:22	Twilight	48.000	50	13Alp Ari	2.0070	4250.0	96	27600	No
73	GOM_NL__2PRFIN20070611_064512_000000612058_00492_27600_8663.N1	11-JUN-2007 06:45:12	Dark	61.000	52	16Bet Cet	2.0370	4500.0	122	27600	No
74	GOM_NL__2PRFIN20070611_065139_000000482058_00492_27600_8664.N1	11-JUN-2007 06:51:39	Dark	48.000	84	Alp Phe	2.3970	4500.0	96	27600	No
75	GOM_NL__2PRFIN20070611_065737_000000632058_00493_27601_8679.N1	11-JUN-2007 06:57:37	Dark	63.000	63	Bet Gru	2.1500	2800.0	126	27601	No
76	GOM_NL__2PRFIN20070611_065938_000000492058_00493_27601_8680.N1	11-JUN-2007 06:59:38	Dark	48.500	31	Alp Gru	1.7340	15200.	97	27601	No
77	GOM_NL__2PRFIN20070611_070355_000000462058_00493_27601_8681.N1	11-JUN-2007 07:03:55	Straylight	45.500	45	Alp Pav	1.9400	26000.	91	27601	No
78	GOM_NL__2PRFIN20070611_071225_000000482058_00493_27601_8682.N1	11-JUN-2007 07:12:25	Straylight	47.500	40	The Sco	1.8590	7100.0	95	27601	No
79	GOM_NL__2PRFIN20070611_071410_000000462058_00493_27601_8683.N1	11-JUN-2007 07:14:10	Twilight	45.500	25	35Lam Sco	1.6200	28000.	91	27601	No
80	GOM_NL__2PRFIN20070611_071531_000000482058_00493_27601_8684.N1	11-JUN-2007 07:15:31	Twilight	48.000	167	10Gam2Sgr	2.9840	4500.0	96	27601	No
81	GOM_NL__2PRFIN20070611_072059_000000402058_00493_27601_8685.N1	11-JUN-2007 07:20:59	Bright	40.000	86	35Eta Oph	2.4300	10200.	80	27601	No
82	GOM_NL__2PRFIN20070611_072244_000000382058_00493_27601_8686.N1	11-JUN-2007 07:22:44	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	27601	No
83	GOM_NL__2PRFIN20070611_072451_000000372058_00493_27601_8687.N1	11-JUN-2007 07:24:51	Bright	36.500	120	1Del Oph	2.7340	3200.0	73	27601	No
84	GOM_NL__2PRFIN20070611_073219_000000392058_00493_27601_8688.N1	11-JUN-2007 07:32:19	Bright	39.000	127	27Bet Her	2.7810	4700.0	78	27601	No
85	GOM_NL__2PRFIN20070611_073528_000000392058_00493_27601_8689.N1	11-JUN-2007 07:35:28	Bright	39.000	133	40Zet Her	2.8070	6000.0	78	27601	No
86	GOM_NL__2PRFIN20070611_074232_000000402058_00493_27601_8690.N1	11-JUN-2007 07:42:32	Bright	40.000	130	23Bet Dra	2.7990	5800.0	80	27601	No
87	GOM_NL__2PRFIN20070611_075924_000000382058_00493_27601_8691.N1	11-JUN-2007 07:59:24	Bright	38.000	76	27Gam Cas	2.3000	30000.	76	27601	No
88	GOM_NL__2PRFIN20070611_080520_000000382058_00493_27601_8692.N1	11-JUN-2007 08:05:20	Bright	38.000	73	57Gam1And	2.2600	13100.	76	27601	No
89	GOM_NL__2PRFIN20070611_080740_000000532058_00493_27601_8693.N1	11-JUN-2007 08:07:40	Twilight	52.500	53	43Bet And	2.0480	3300.0	105	27601	No
90	GOM_NL__2PRFIN20070611_081058_000000462058_00493_27601_8694.N1	11-JUN-2007 08:10:58	Twilight	46.000	50	13Alp Ari	2.0070	4250.0	92	27601	No
91	GOM_NL__2PRFIN20070611_082549_000000512058_00493_27601_8695.N1	11-JUN-2007 08:25:49	Dark	50.500	52	16Bet Cet	2.0370	4500.0	101	27601	No
92	GOM_NL__2PRFIN20070611_083216_000000462058_00493_27601_8696.N1	11-JUN-2007 08:32:16	Dark	45.500	84	Alp Phe	2.3970	4500.0	91	27601	No
93	GOM_NL__2PRFIN20070611_083814_000000612058_00494_27602_8695.N1	11-JUN-2007 08:38:14	Dark	61.000	63	Bet Gru	2.1500	2800.0	122	27602	No
94	GOM_NL__2PRFIN20070611_084015_000000462058_00494_27602_8696.N1	11-JUN-2007 08:40:15	Dark	45.500	31	Alp Gru	1.7340	15200.	91	27602	No
95	GOM_NL__2PRFIN20070611_084431_000000432058_00494_27602_8697.N1	11-JUN-2007 08:44:31	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	27602	No
96	GOM_NL__2PRFIN20070611_085301_000000452058_00494_27602_8698.N1	11-JUN-2007 08:53:01	Straylight	44.500	40	The Sco	1.8590	7100.0	89	27602	No
97	GOM_NL__2PRFIN20070611_085446_000000422058_00494_27602_8699.N1	11-JUN-2007 08:54:46	Twilight	42.000	25	35Lam Sco	1.6200	28000.	84	27602	No
98	GOM_NL__2PRFIN20070611_085608_000000492058_00494_27602_8700.N1	11-JUN-2007 08:56:08	Twilight	48.500	167	10Gam2Sgr	2.9840	4500.0	97	27602	No
99	GOM_NL__2PRFIN20070611_090135_000000412058_00494_27602_8701.N1	11-JUN-2007 09:01:35	Bright	41.000	86	35Eta Oph	2.4300	10200.	82	27602	No
100	GOM_NL__2PRFIN20070611_090320_000000382058_00494_27602_8702.N1	11-JUN-2007 09:03:20	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	27602	No
101	GOM_NL__2PRFIN20070611_090527_000000372058_00494_27602_8703.N1	11-JUN-2007 09:05:27	Bright	37.000	120	1Del Oph	2.7340	3200.0	74	27602	No

102	GOM_NL__2PRFIN20070611_091255_000000372058_00494_27602_8704.N1	11-JUN-2007 09:12:55	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	27602	No
103	GOM_NL__2PRFIN20070611_091604_000000402058_00494_27602_8705.N1	11-JUN-2007 09:16:04	Bright	39.500	133	40Zet Her	2.8070	6000.0	79	27602	No
104	GOM_NL__2PRFIN20070611_092307_000000412058_00494_27602_8706.N1	11-JUN-2007 09:23:07	Bright	41.000	130	23Bet Dra	2.7990	5800.0	82	27602	No
105	GOM_NL__2PRFIN20070611_093959_000000492058_00494_27602_8707.N1	11-JUN-2007 09:39:59	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	27602	No
106	GOM_NL__2PRFIN20070611_094556_000000492058_00494_27602_8708.N1	11-JUN-2007 09:45:56	Bright	49.000	73	57Gam1And	2.2600	13100.	98	27602	No
107	GOM_NL__2PRFIN20070611_094815_000000532058_00494_27602_8709.N1	11-JUN-2007 09:48:15	Twilight	52.500	53	43Bet And	2.0480	3300.0	105	27602	No
108	GOM_NL__2PRFIN20070611_095135_000000532058_00494_27602_8710.N1	11-JUN-2007 09:51:35	Twilight	52.500	50	13Alp Ari	2.0070	4250.0	105	27602	No
109	GOM_NL__2PRFIN20070611_100625_000000572058_00494_27602_8711.N1	11-JUN-2007 10:06:25	Dark	57.000	52	16Bet Cet	2.0370	4500.0	114	27602	No
110	GOM_NL__2PRFIN20070611_101252_000000432058_00494_27602_8712.N1	11-JUN-2007 10:12:52	Dark	43.000	84	Alp Phe	2.3970	4500.0	86	27602	No
111	GOM_NL__2PRFIN20070611_101851_000000622058_00495_27603_8709.N1	11-JUN-2007 10:18:51	Dark	62.000	63	Bet Gru	2.1500	2800.0	124	27603	No
112	GOM_NL__2PRFIN20070611_102052_000000462058_00495_27603_8710.N1	11-JUN-2007 10:20:52	Dark	46.000	31	Alp Gru	1.7340	15200.	92	27603	No
113	GOM_NL__2PRFIN20070611_102508_000000432058_00495_27603_8711.N1	11-JUN-2007 10:25:08	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	27603	No
114	GOM_NL__2PRFIN20070611_103338_000000462058_00495_27603_8712.N1	11-JUN-2007 10:33:38	Straylight	46.000	40	The Sco	1.8590	7100.0	92	27603	No
115	GOM_NL__2PRFIN20070611_103522_000000432058_00495_27603_8713.N1	11-JUN-2007 10:35:22	Twilight	43.000	25	35Lam Sco	1.6200	28000.	86	27603	No
116	GOM_NL__2PRFIN20070611_103644_000000512058_00495_27603_8714.N1	11-JUN-2007 10:36:44	Twilight	50.500	167	10Gam2Sgr	2.9840	4500.0	101	27603	No
117	GOM_NL__2PRFIN20070611_104211_000000402058_00495_27603_8715.N1	11-JUN-2007 10:42:11	Bright	39.500	86	35Eta Oph	2.4300	10200.	79	27603	No
118	GOM_NL__2PRFIN20070611_104356_000000372058_00495_27603_8716.N1	11-JUN-2007 10:43:56	Bright	37.000	98	13Zet Oph	2.5710	30000.	74	27603	No
119	GOM_NL__2PRFIN20070611_104603_000000372058_00495_27603_8717.N1	11-JUN-2007 10:46:03	Bright	37.000	120	1Del Oph	2.7340	3200.0	74	27603	No
120	GOM_NL__2PRFIN20070611_105330_000000382058_00495_27603_8718.N1	11-JUN-2007 10:53:30	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	27603	No
121	GOM_NL__2PRFIN20070611_105640_000000382058_00495_27603_8719.N1	11-JUN-2007 10:56:40	Bright	37.500	133	40Zet Her	2.8070	6000.0	75	27603	No
122	GOM_NL__2PRFIN20070611_110343_000000422058_00495_27603_8720.N1	11-JUN-2007 11:03:43	Bright	42.000	130	23Bet Dra	2.7990	5800.0	84	27603	No
123	GOM_NL__2PRFIN20070611_112035_000000462058_00495_27603_8721.N1	11-JUN-2007 11:20:35	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	27603	No
124	GOM_NL__2PRFIN20070611_112632_000000552058_00495_27603_8722.N1	11-JUN-2007 11:26:32	Bright	55.000	73	57Gam1And	2.2600	13100.	110	27603	No
125	GOM_NL__2PRFIN20070611_112851_000000592058_00495_27603_8723.N1	11-JUN-2007 11:28:51	Twilight	59.000	53	43Bet And	2.0480	3300.0	118	27603	No
126	GOM_NL__2PRFIN20070611_113211_000000452058_00495_27603_8724.N1	11-JUN-2007 11:32:11	Twilight	44.500	50	13Alp Ari	2.0070	4250.0	89	27603	No
127	GOM_NL__2PRFIN20070611_114702_000000542058_00495_27603_8725.N1	11-JUN-2007 11:47:02	Dark	53.500	52	16Bet Cet	2.0370	4500.0	107	27603	No
128	GOM_NL__2PRFIN20070611_115329_000000502058_00495_27603_8726.N1	11-JUN-2007 11:53:29	Dark	49.500	84	Alp Phe	2.3970	4500.0	99	27603	No
129	GOM_NL__2PRFIN20070611_115928_000000532058_00496_27604_8721.N1	11-JUN-2007 11:59:28	Dark	52.500	63	Bet Gru	2.1500	2800.0	105	27604	No
130	GOM_NL__2PRFIN20070611_120129_000000482058_00496_27604_8722.N1	11-JUN-2007 12:01:29	Dark	47.500	31	Alp Gru	1.7340	15200.	95	27604	No
131	GOM_NL__2PRFIN20070611_120544_000000412058_00496_27604_8723.N1	11-JUN-2007 12:05:44	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	27604	No
132	GOM_NL__2PRFIN20070611_121414_000000422058_00496_27604_8724.N1	11-JUN-2007 12:14:14	Straylight	41.500	40	The Sco	1.8590	7100.0	83	27604	No
133	GOM_NL__2PRFIN20070611_121558_000000452058_00496_27604_8725.N1	11-JUN-2007 12:15:58	Twilight	44.500	25	35Lam Sco	1.6200	28000.	89	27604	No
134	GOM_NL__2PRFIN20070611_121720_000000512058_00496_27604_8726.N1	11-JUN-2007 12:17:20	Twilight	50.500	167	10Gam2Sgr	2.9840	4500.0	101	27604	No
135	GOM_NL__2PRFIN20070611_122247_000000412058_00496_27604_8727.N1	11-JUN-2007 12:22:47	Bright	41.000	86	35Eta Oph	2.4300	10200.	82	27604	No
136	GOM_NL__2PRFIN20070611_122432_000000382058_00496_27604_8728.N1	11-JUN-2007 12:24:32	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	27604	No
137	GOM_NL__2PRFIN20070611_122639_000000372058_00496_27604_8729.N1	11-JUN-2007 12:26:39	Bright	36.500	120	1Del Oph	2.7340	3200.0	73	27604	No
138	GOM_NL__2PRFIN20070611_123406_000000372058_00496_27604_8730.N1	11-JUN-2007 12:34:06	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	27604	No
139	GOM_NL__2PRFIN20070611_123715_000000402058_00496_27604_8731.N1	11-JUN-2007 12:37:15	Bright	39.500	133	40Zet Her	2.8070	6000.0	79	27604	No
140	GOM_NL__2PRFIN20070611_124418_000000422058_00496_27604_8732.N1	11-JUN-2007 12:44:18	Bright	42.000	130	23Bet Dra	2.7990	5800.0	84	27604	No
141	GOM_NL__2PRFIN20070611_130111_000000372058_00496_27604_8733.N1	11-JUN-2007 13:01:11	Bright	37.000	76	27Gam Cas	2.3000	30000.	74	27604	No
142	GOM_NL__2PRFIN20070611_130708_000000542058_00496_27604_8734.N1	11-JUN-2007 13:07:08	Bright	54.000	73	57Gam1And	2.2600	13100.	108	27604	No
143	GOM_NL__2PRFIN20070611_130927_000000512058_00496_27604_8735.N1	11-JUN-2007 13:09:27	Twilight	51.000	53	43Bet And	2.0480	3300.0	102	27604	No
144	GOM_NL__2PRFIN20070611_131247_000000412058_00496_27604_8736.N1	11-JUN-2007 13:12:47	Twilight	41.000	50	13Alp Ari	2.0070	4250.0	82	27604	No
145	GOM_NL__2PRFIN20070611_132739_000000552058_00496_27604_8737.N1	11-JUN-2007 13:27:39	Dark	55.000	52	16Bet Cet	2.0370	4500.0	110	27604	No
146	GOM_NL__2PRFIN20070611_133406_000000442058_00496_27604_8738.N1	11-JUN-2007 13:34:06	Dark	44.000	84	Alp Phe	2.3970	4500.0	88	27604	No
147	GOM_NL__2PRFIN20070611_134004_000000462058_00497_27605_8813.N1	11-JUN-2007 13:40:04	Dark	45.500	63	Bet Gru	2.1500	2800.0	91	27605	No
148	GOM_NL__2PRFIN20070611_134206_000000492058_00497_27605_8814.N1	11-JUN-2007 13:42:06	Dark	48.500	31	Alp Gru	1.7340	15200.	97	27605	No
149	GOM_NL__2PRFIN20070611_134621_000000422058_00497_27605_8815.N1	11-JUN-2007 13:46:21	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	27605	No
150	GOM_NL__2PRFIN20070611_135450_000000442058_00497_27605_8816.N1	11-JUN-2007 13:54:50	Straylight	43.500	40	The Sco	1.8590	7100.0	87	27605	No
151	GOM_NL__2PRFIN20070611_135634_000000412058_00497_27605_8817.N1	11-JUN-2007 13:56:34	Twilight	40.500	25	35Lam Sco	1.6200	28000.	81	27605	No
152	GOM_NL__2PRFIN20070611_135756_000000482058_00497_27605_8818.N1	11-JUN-2007 13:57:56	Twilight	48.000	167	10Gam2Sgr	2.9840	4500.0	96	27605	No
153	GOM_NL__2PRFIN20070611_140323_000000412058_00497_27605_8819.N1	11-JUN-2007 14:03:23	Bright	40.500	86	35Eta Oph	2.4300	10200.	81	27605	No
154	GOM_NL__2PRFIN20070611_140508_000000372058_00497_27605_8820.N1	11-JUN-2007 14:05:08	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	27605	No
155	GOM_NL__2PRFIN20070611_140715_000000372058_00497_27605_8821.N1	11-JUN-2007 14:07:15	Bright	37.000	120	1Del Oph	2.7340	3200.0	74	27605	No
156	GOM_NL__2PRFIN20070611_141442_000000372058_00497_27605_8822.N1	11-JUN-2007 14:14:42	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	27605	No
157	GOM_NL__2PRFIN20070611_141751_000000402058_00497_27605_8823.N1	11-JUN-2007 14:17:51	Bright	40.000	133	40Zet Her	2.8070	6000.0	80	27605	No
158	GOM_NL__2PRFIN20070611_142453_000000402058_00497_27605_8824.N1	11-JUN-2007 14:24:53	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	27605	No
159	GOM_NL__2PRFIN20070611_144147_000000382058_00497_27605_8825.N1	11-JUN-2007 14:41:47	Bright	37.500	76	27Gam Cas	2.3000	30000.	75	27605	No
160	GOM_NL__2PRFIN20070611_144744_000000382058_00497_27605_8826.N1	11-JUN-2007 14:47:44	Bright	38.000	73	57Gam1And	2.2600	13100.	76	27605	No

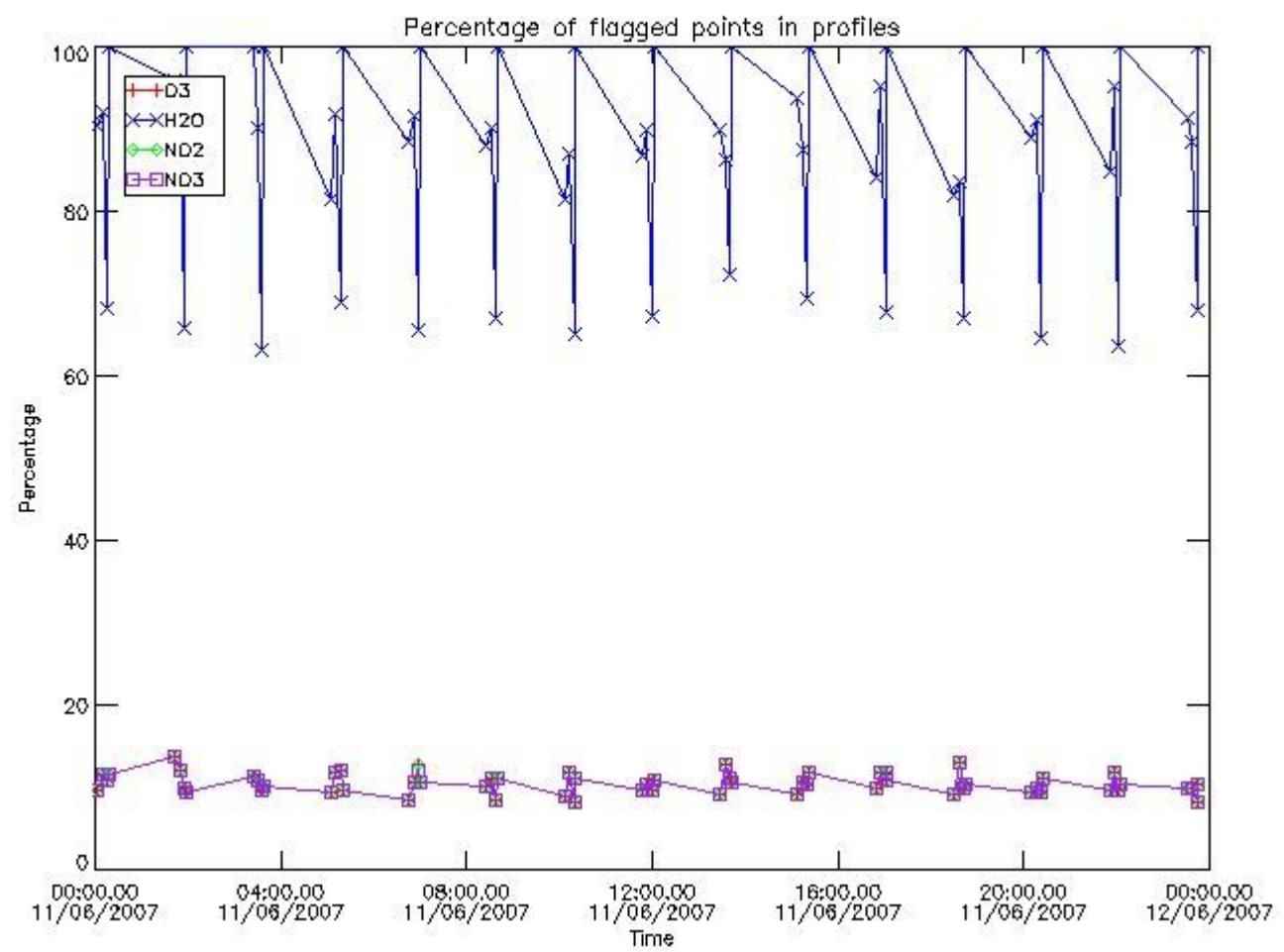
161	GOM_NL__2PRFIN20070611_145004_000000502058_00497_27605_8827.N1	11-JUN-2007 14:50:04	Twilight	49.500	53	43Bet And	2.0480	3300.0	99	27605	No
162	GOM_NL__2PRFIN20070611_145323_000000482058_00497_27605_8828.N1	11-JUN-2007 14:53:23	Twilight	47.500	50	13Alp Ari	2.0070	4250.0	95	27605	No
163	GOM_NL__2PRFIN20070611_150816_000000562058_00497_27605_8829.N1	11-JUN-2007 15:08:16	Dark	55.500	52	16Bet Cet	2.0370	4500.0	111	27605	No
164	GOM_NL__2PRFIN20070611_151442_000000492058_00497_27605_8830.N1	11-JUN-2007 15:14:42	Dark	48.500	84	Alp Phe	2.3970	4500.0	97	27605	No
165	GOM_NL__2PRFIN20070611_152041_000000502058_00498_27606_8844.N1	11-JUN-2007 15:20:41	Dark	49.500	63	Bet Gru	2.1500	2800.0	99	27606	No
166	GOM_NL__2PRFIN20070611_152243_000000482058_00498_27606_8845.N1	11-JUN-2007 15:22:43	Dark	47.500	31	Alp Gru	1.7340	15200.	95	27606	No
167	GOM_NL__2PRFIN20070611_152657_000000452058_00498_27606_8846.N1	11-JUN-2007 15:26:57	Straylight	44.500	45	Alp Pav	1.9400	26000.	89	27606	No
168	GOM_NL__2PRFIN20070611_153526_000000452058_00498_27606_8847.N1	11-JUN-2007 15:35:26	Straylight	45.000	40	The Sco	1.8590	7100.0	90	27606	No
169	GOM_NL__2PRFIN20070611_153711_000000412058_00498_27606_8848.N1	11-JUN-2007 15:37:11	Twilight	40.500	25	35Lam Sco	1.6200	28000.	81	27606	No
170	GOM_NL__2PRFIN20070611_153833_000000512058_00498_27606_8849.N1	11-JUN-2007 15:38:33	Twilight	50.500	167	10Gam2Sgr	2.9840	4500.0	101	27606	No
171	GOM_NL__2PRFIN20070611_154359_000000412058_00498_27606_8850.N1	11-JUN-2007 15:43:59	Bright	40.500	86	35Eta Oph	2.4300	10200.	81	27606	No
172	GOM_NL__2PRFIN20070611_154544_000000382058_00498_27606_8851.N1	11-JUN-2007 15:45:44	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	27606	No
173	GOM_NL__2PRFIN20070611_154751_000000372058_00498_27606_8852.N1	11-JUN-2007 15:47:51	Bright	36.500	120	1Del Oph	2.7340	3200.0	73	27606	No
174	GOM_NL__2PRFIN20070611_155518_000000372058_00498_27606_8853.N1	11-JUN-2007 15:55:18	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	27606	No
175	GOM_NL__2PRFIN20070611_155826_000000392058_00498_27606_8854.N1	11-JUN-2007 15:58:26	Bright	39.000	133	40Zet Her	2.8070	6000.0	78	27606	No
176	GOM_NL__2PRFIN20070611_160529_000000422058_00498_27606_8855.N1	11-JUN-2007 16:05:29	Bright	41.500	130	23Bet Dra	2.7990	5800.0	83	27606	No
177	GOM_NL__2PRFIN20070611_162222_000000462058_00498_27606_8856.N1	11-JUN-2007 16:22:22	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	27606	No
178	GOM_NL__2PRFIN20070611_162820_000000392058_00498_27606_8857.N1	11-JUN-2007 16:28:20	Bright	38.500	73	57Gam1And	2.2600	13100.	77	27606	No
179	GOM_NL__2PRFIN20070611_163040_000000562058_00498_27606_8858.N1	11-JUN-2007 16:30:40	Twilight	55.500	53	43Bet And	2.0480	3300.0	111	27606	No
180	GOM_NL__2PRFIN20070611_163359_000000452058_00498_27606_8859.N1	11-JUN-2007 16:33:59	Twilight	45.000	50	13Alp Ari	2.0070	4250.0	90	27606	No
181	GOM_NL__2PRFIN20070611_164853_000000512058_00498_27606_8860.N1	11-JUN-2007 16:48:53	Dark	51.000	52	16Bet Cet	2.0370	4500.0	102	27606	No
182	GOM_NL__2PRFIN20070611_165519_000000432058_00498_27606_8861.N1	11-JUN-2007 16:55:19	Dark	43.000	84	Alp Phe	2.3970	4500.0	86	27606	No
183	GOM_NL__2PRFIN20070611_170118_000000522058_00499_27607_8861.N1	11-JUN-2007 17:01:18	Dark	51.500	63	Bet Gru	2.1500	2800.0	103	27607	No
184	GOM_NL__2PRFIN20070611_170320_000000482058_00499_27607_8862.N1	11-JUN-2007 17:03:20	Dark	47.500	31	Alp Gru	1.7340	15200.	95	27607	No
185	GOM_NL__2PRFIN20070611_170734_000000422058_00499_27607_8863.N1	11-JUN-2007 17:07:34	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	27607	No
186	GOM_NL__2PRFIN20070611_171603_000000402058_00499_27607_8864.N1	11-JUN-2007 17:16:03	Straylight	39.500	40	The Sco	1.8590	7100.0	79	27607	No
187	GOM_NL__2PRFIN20070611_171747_000000452058_00499_27607_8865.N1	11-JUN-2007 17:17:47	Twilight	44.500	25	35Lam Sco	1.6200	28000.	89	27607	No
188	GOM_NL__2PRFIN20070611_171909_000000502058_00499_27607_8866.N1	11-JUN-2007 17:19:09	Twilight	49.500	167	10Gam2Sgr	2.9840	4500.0	99	27607	No
189	GOM_NL__2PRFIN20070611_172435_000000412058_00499_27607_8867.N1	11-JUN-2007 17:24:35	Bright	40.500	86	35Eta Oph	2.4300	10200.	81	27607	No
190	GOM_NL__2PRFIN20070611_172620_000000382058_00499_27607_8868.N1	11-JUN-2007 17:26:20	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	27607	No
191	GOM_NL__2PRFIN20070611_172827_000000372058_00499_27607_8869.N1	11-JUN-2007 17:28:27	Bright	36.500	120	1Del Oph	2.7340	3200.0	73	27607	No
192	GOM_NL__2PRFIN20070611_173554_000000382058_00499_27607_8870.N1	11-JUN-2007 17:35:54	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	27607	No
193	GOM_NL__2PRFIN20070611_173902_000000392058_00499_27607_8871.N1	11-JUN-2007 17:39:02	Bright	38.500	133	40Zet Her	2.8070	6000.0	77	27607	No
194	GOM_NL__2PRFIN20070611_174604_000000412058_00499_27607_8872.N1	11-JUN-2007 17:46:04	Bright	40.500	130	23Bet Dra	2.7990	5800.0	81	27607	No
195	GOM_NL__2PRFIN20070611_180258_000000372058_00499_27607_8873.N1	11-JUN-2007 18:02:58	Bright	37.000	76	27Gam Cas	2.3000	30000.	74	27607	No
196	GOM_NL__2PRFIN20070611_180856_000000392058_00499_27607_8874.N1	11-JUN-2007 18:08:56	Bright	39.000	73	57Gam1And	2.2600	13100.	78	27607	No
197	GOM_NL__2PRFIN20070611_181115_000000522058_00499_27607_8875.N1	11-JUN-2007 18:11:15	Twilight	51.500	53	43Bet And	2.0480	3300.0	103	27607	No
198	GOM_NL__2PRFIN20070611_181435_000000472058_00499_27607_8876.N1	11-JUN-2007 18:14:35	Twilight	46.500	50	13Alp Ari	2.0070	4250.0	93	27607	No
199	GOM_NL__2PRFIN20070611_182929_000000562058_00499_27607_8877.N1	11-JUN-2007 18:29:29	Dark	55.500	52	16Bet Cet	2.0370	4500.0	111	27607	No
200	GOM_NL__2PRFIN20070611_183556_000000432058_00499_27607_8878.N1	11-JUN-2007 18:35:56	Dark	43.000	84	Alp Phe	2.3970	4500.0	86	27607	No
201	GOM_NL__2PRFIN20070611_184155_000000522058_00500_27608_8874.N1	11-JUN-2007 18:41:55	Dark	52.000	63	Bet Gru	2.1500	2800.0	104	27608	No
202	GOM_NL__2PRFIN20070611_184357_000000492058_00500_27608_8875.N1	11-JUN-2007 18:43:57	Dark	49.000	31	Alp Gru	1.7340	15200.	98	27608	No
203	GOM_NL__2PRFIN20070611_184811_000000412058_00500_27608_8876.N1	11-JUN-2007 18:48:11	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	27608	No
204	GOM_NL__2PRFIN20070611_185639_000000402058_00500_27608_8877.N1	11-JUN-2007 18:56:39	Straylight	39.500	40	The Sco	1.8590	7100.0	79	27608	No
205	GOM_NL__2PRFIN20070611_185823_000000452058_00500_27608_8878.N1	11-JUN-2007 18:58:23	Twilight	44.500	25	35Lam Sco	1.6200	28000.	89	27608	No
206	GOM_NL__2PRFIN20070611_185945_000000482058_00500_27608_8879.N1	11-JUN-2007 18:59:45	Twilight	48.000	167	10Gam2Sgr	2.9840	4500.0	96	27608	No
207	GOM_NL__2PRFIN20070611_190511_000000402058_00500_27608_8880.N1	11-JUN-2007 19:05:11	Bright	40.000	86	35Eta Oph	2.4300	10200.	80	27608	No
208	GOM_NL__2PRFIN20070611_190656_000000382058_00500_27608_8881.N1	11-JUN-2007 19:06:56	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	27608	No
209	GOM_NL__2PRFIN20070611_190903_000000362058_00500_27608_8882.N1	11-JUN-2007 19:09:03	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	27608	No
210	GOM_NL__2PRFIN20070611_191629_000000392058_00500_27608_8883.N1	11-JUN-2007 19:16:29	Bright	38.500	127	27Bet Her	2.7810	4700.0	77	27608	No
211	GOM_NL__2PRFIN20070611_191938_000000392058_00500_27608_8884.N1	11-JUN-2007 19:19:38	Bright	38.500	133	40Zet Her	2.8070	6000.0	77	27608	No
212	GOM_NL__2PRFIN20070611_192640_000000432058_00500_27608_8885.N1	11-JUN-2007 19:26:40	Bright	43.000	130	23Bet Dra	2.7990	5800.0	86	27608	No
213	GOM_NL__2PRFIN20070611_194334_000000532058_00500_27608_8886.N1	11-JUN-2007 19:43:34	Bright	52.500	76	27Gam Cas	2.3000	30000.	105	27608	No
214	GOM_NL__2PRFIN20070611_194932_000000552058_00500_27608_8887.N1	11-JUN-2007 19:49:32	Bright	54.500	73	57Gam1And	2.2600	13100.	109	27608	No
215	GOM_NL__2PRFIN20070611_195152_000000512058_00500_27608_8888.N1	11-JUN-2007 19:51:52	Twilight	51.000	53	43Bet And	2.0480	3300.0	102	27608	No
216	GOM_NL__2PRFIN20070611_195511_000000482058_00500_27608_8889.N1	11-JUN-2007 19:55:11	Twilight	48.000	50	13Alp Ari	2.0070	4250.0	96	27608	No
217	GOM_NL__2PRFIN20070611_201006_000000542058_00500_27608_8890.N1	11-JUN-2007 20:10:06	Dark	54.000	52	16Bet Cet	2.0370	4500.0	108	27608	No
218	GOM_NL__2PRFIN20070611_201632_000000522058_00500_27608_8891.N1	11-JUN-2007 20:16:32	Dark	51.500	84	Alp Phe	2.3970	4500.0	103	27608	No
219	GOM_NL__2PRFIN20070611_202232_000000542058_00501_27609_8898.N1	11-JUN-2007 20:22:32	Dark	54.000	63	Bet Gru	2.1500	2800.0	108	27609	No

220	GOM_NL__2PRFIN20070611_202434_000000462058_00501_27609_8899.N1	11-JUN-2007 20:24:34	Dark	46.000	31	Alp Gru	1.7340	15200.	92	27609	No
221	GOM_NL__2PRFIN20070611_202847_000000412058_00501_27609_8900.N1	11-JUN-2007 20:28:47	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	27609	No
222	GOM_NL__2PRFIN20070611_203715_000000402058_00501_27609_8901.N1	11-JUN-2007 20:37:15	Straylight	39.500	40	The Sco	1.8590	7100.0	79	27609	No
223	GOM_NL__2PRFIN20070611_203900_000000442058_00501_27609_8902.N1	11-JUN-2007 20:39:00	Twilight	44.000	25	35Lam Sco	1.6200	28000.	88	27609	No
224	GOM_NL__2PRFIN20070611_204021_000000492058_00501_27609_8903.N1	11-JUN-2007 20:40:21	Twilight	48.500	167	10Gam2Sgr	2.9840	4500.0	97	27609	No
225	GOM_NL__2PRFIN20070611_204547_000000402058_00501_27609_8904.N1	11-JUN-2007 20:45:47	Bright	39.500	86	35Eta Oph	2.4300	10200.	79	27609	No
226	GOM_NL__2PRFIN20070611_204732_000000382058_00501_27609_8905.N1	11-JUN-2007 20:47:32	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	27609	No
227	GOM_NL__2PRFIN20070611_204939_000000372058_00501_27609_8906.N1	11-JUN-2007 20:49:39	Bright	36.500	120	1Del Oph	2.7340	3200.0	73	27609	No
228	GOM_NL__2PRFIN20070611_205705_000000382058_00501_27609_8907.N1	11-JUN-2007 20:57:05	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	27609	No
229	GOM_NL__2PRFIN20070611_210014_000000392058_00501_27609_8908.N1	11-JUN-2007 21:00:14	Bright	39.000	133	40Zet Her	2.8070	6000.0	78	27609	No
230	GOM_NL__2PRFIN20070611_210715_000000412058_00501_27609_8909.N1	11-JUN-2007 21:07:15	Bright	40.500	130	23Bet Dra	2.7990	5800.0	81	27609	No
231	GOM_NL__2PRFIN20070611_212409_000000402058_00501_27609_8910.N1	11-JUN-2007 21:24:09	Bright	39.500	76	27Gam Cas	2.3000	30000.	79	27609	No
232	GOM_NL__2PRFIN20070611_213008_000000552058_00501_27609_8911.N1	11-JUN-2007 21:30:08	Bright	55.000	73	57Gam1And	2.2600	13100.	110	27609	No
233	GOM_NL__2PRFIN20070611_213228_000000592058_00501_27609_8912.N1	11-JUN-2007 21:32:28	Twilight	59.000	53	43Bet And	2.0480	3300.0	118	27609	No
234	GOM_NL__2PRFIN20070611_213547_000000462058_00501_27609_8913.N1	11-JUN-2007 21:35:47	Twilight	45.500	50	13Alp Ari	2.0070	4250.0	91	27609	No
235	GOM_NL__2PRFIN20070611_215043_000000542058_00501_27609_8914.N1	11-JUN-2007 21:50:43	Dark	53.500	52	16Bet Cet	2.0370	4500.0	107	27609	No
236	GOM_NL__2PRFIN20070611_215709_000000432058_00501_27609_8915.N1	11-JUN-2007 21:57:09	Dark	43.000	84	Alp Phe	2.3970	4500.0	86	27609	No
237	GOM_NL__2PRFIN20070611_220309_000000532059_00001_27610_8909.N1	11-JUN-2007 22:03:09	Dark	52.500	63	Bet Gru	2.1500	2800.0	105	27610	No
238	GOM_NL__2PRFIN20070611_220510_000000492059_00001_27610_8910.N1	11-JUN-2007 22:05:10	Dark	49.000	31	Alp Gru	1.7340	15200.	98	27610	No
239	GOM_NL__2PRFIN20070611_220924_000000422059_00001_27610_8911.N1	11-JUN-2007 22:09:24	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	27610	No
240	GOM_NL__2PRFIN20070611_221751_000000442059_00001_27610_8912.N1	11-JUN-2007 22:17:51	Straylight	44.000	40	The Sco	1.8590	7100.0	88	27610	No
241	GOM_NL__2PRFIN20070611_221936_000000452059_00001_27610_8913.N1	11-JUN-2007 22:19:36	Twilight	45.000	25	35Lam Sco	1.6200	28000.	90	27610	No
242	GOM_NL__2PRFIN20070611_222058_000000492059_00001_27610_8914.N1	11-JUN-2007 22:20:58	Twilight	49.000	167	10Gam2Sgr	2.9840	4500.0	98	27610	No
243	GOM_NL__2PRFIN20070611_222623_000000402059_00001_27610_8915.N1	11-JUN-2007 22:26:23	Bright	39.500	86	35Eta Oph	2.4300	10200.	79	27610	No
244	GOM_NL__2PRFIN20070611_222808_000000382059_00001_27610_8916.N1	11-JUN-2007 22:28:08	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	27610	No
245	GOM_NL__2PRFIN20070611_223015_000000372059_00001_27610_8917.N1	11-JUN-2007 22:30:15	Bright	36.500	120	1Del Oph	2.7340	3200.0	73	27610	No
246	GOM_NL__2PRFIN20070611_223741_000000382059_00001_27610_8918.N1	11-JUN-2007 22:37:41	Bright	37.500	127	27Bet Her	2.7810	4700.0	75	27610	No
247	GOM_NL__2PRFIN20070611_224049_000000372059_00001_27610_8919.N1	11-JUN-2007 22:40:49	Bright	37.000	133	40Zet Her	2.8070	6000.0	74	27610	No
248	GOM_NL__2PRFIN20070611_224751_000000382059_00001_27610_8920.N1	11-JUN-2007 22:47:51	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	27610	No
249	GOM_NL__2PRFIN20070611_230445_000000402059_00001_27610_8921.N1	11-JUN-2007 23:04:45	Bright	40.000	76	27Gam Cas	2.3000	30000.	80	27610	No
250	GOM_NL__2PRFIN20070611_231044_000000402059_00001_27610_8922.N1	11-JUN-2007 23:10:44	Bright	39.500	73	57Gam1And	2.2600	13100.	79	27610	No
251	GOM_NL__2PRFIN20070611_231304_000000502059_00001_27610_8923.N1	11-JUN-2007 23:13:04	Twilight	49.500	53	43Bet And	2.0480	3300.0	99	27610	No
252	GOM_NL__2PRFIN20070611_231623_000000452059_00001_27610_8924.N1	11-JUN-2007 23:16:23	Twilight	45.000	50	13Alp Ari	2.0070	4250.0	90	27610	No
253	GOM_NL__2PRFIN20070611_233120_000000522059_00001_27610_8925.N1	11-JUN-2007 23:31:20	Dark	52.000	52	16Bet Cet	2.0370	4500.0	104	27610	No
254	GOM_NL__2PRFIN20070611_233746_000000522059_00001_27610_8926.N1	11-JUN-2007 23:37:46	Dark	52.000	84	Alp Phe	2.3970	4500.0	104	27610	No
255	GOM_NL__2PRFIN20070611_234346_000000622059_00002_27611_8925.N1	11-JUN-2007 23:43:46	Dark	61.500	63	Bet Gru	2.1500	2800.0	123	27611	No
256	GOM_NL__2PRFIN20070611_234547_000000502059_00002_27611_8926.N1	11-JUN-2007 23:45:47	Dark	49.500	31	Alp Gru	1.7340	15200.	99	27611	No
257	GOM_NL__2PRFIN20070611_235000_000000432059_00002_27611_8927.N1	11-JUN-2007 23:50:00	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	27611	No
258	GOM_NL__2PRFIN20070611_235828_000000462059_00002_27611_8928.N1	11-JUN-2007 23:58:28	Twilight	45.500	40	The Sco	1.8590	7100.0	91	27611	No

3. Quality information per product

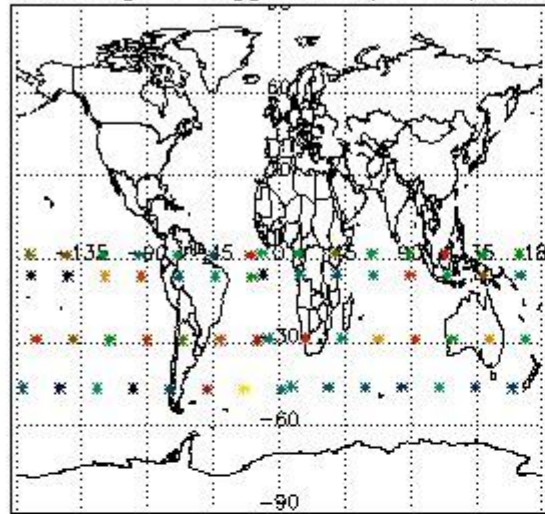
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

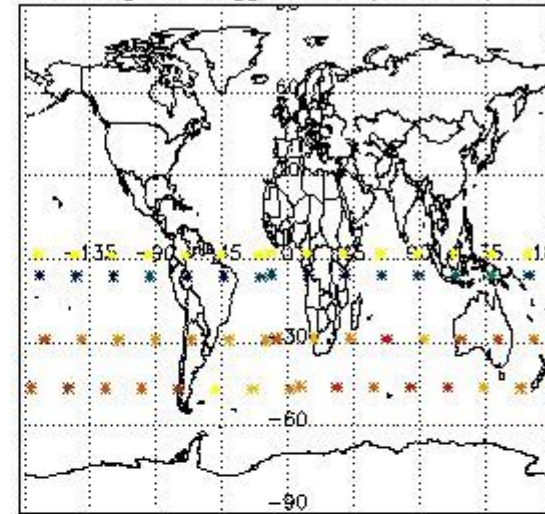


3.2 Plot quality information per product (world map)

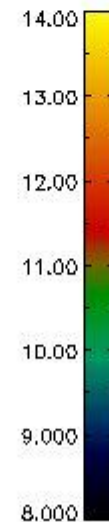
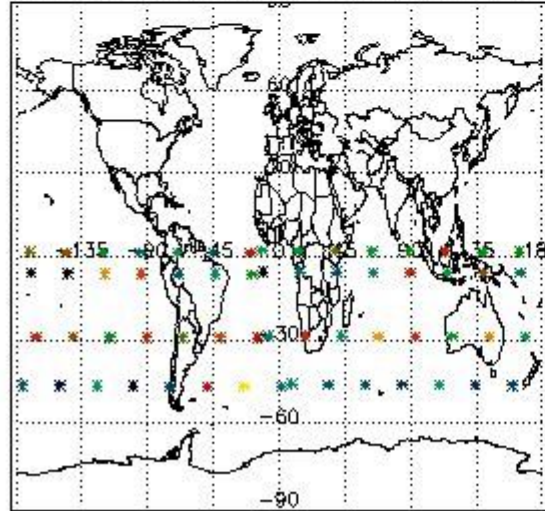
Percentage of flagged data per O3 profile



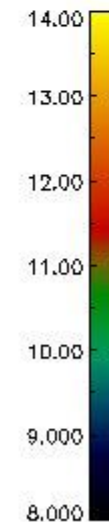
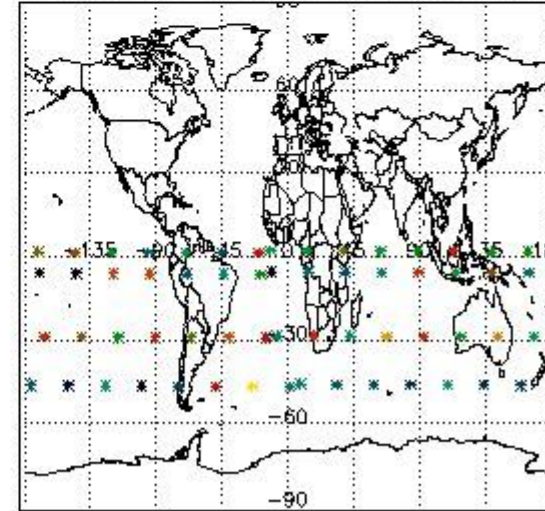
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

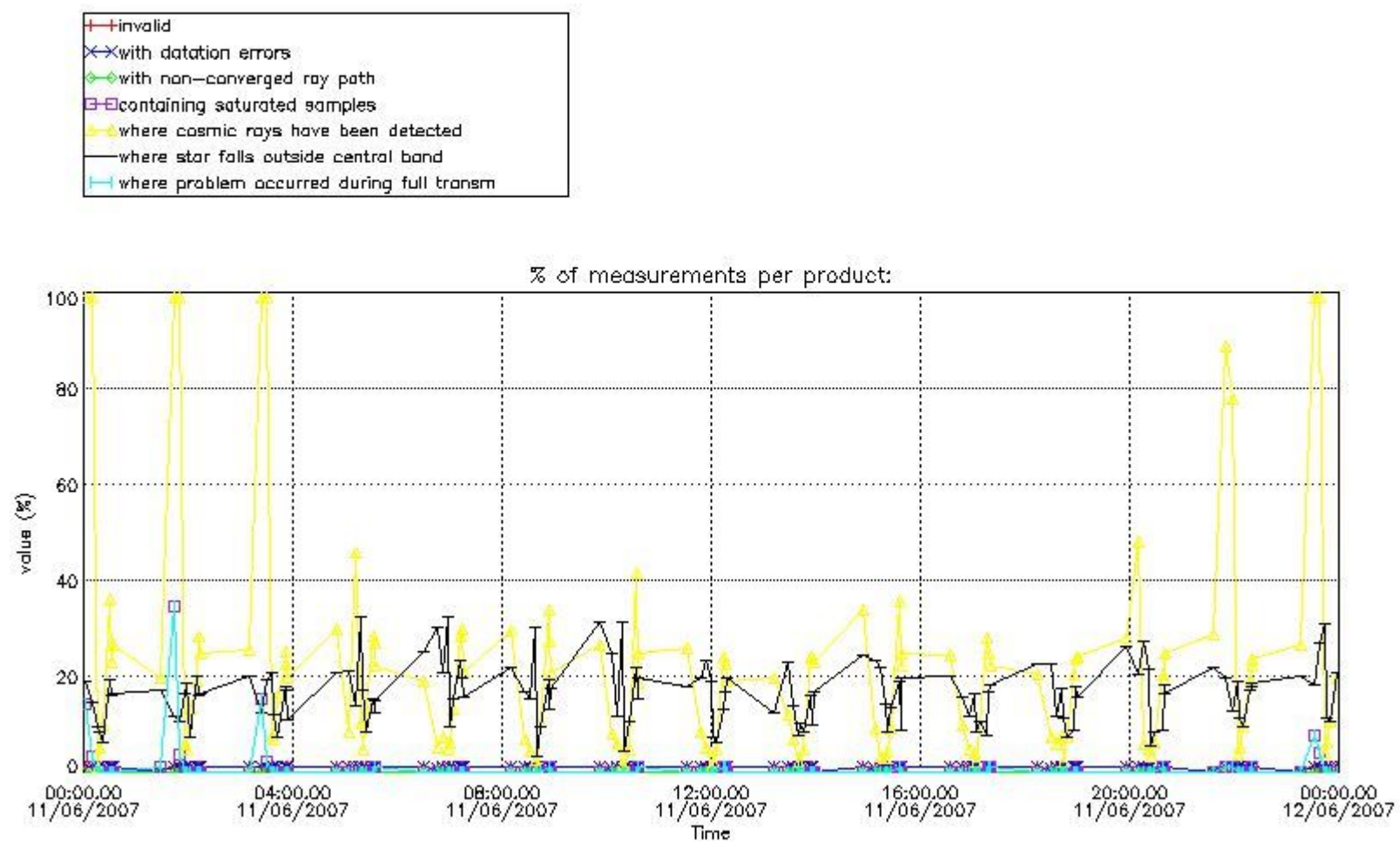


4. Level 1 quality information per product

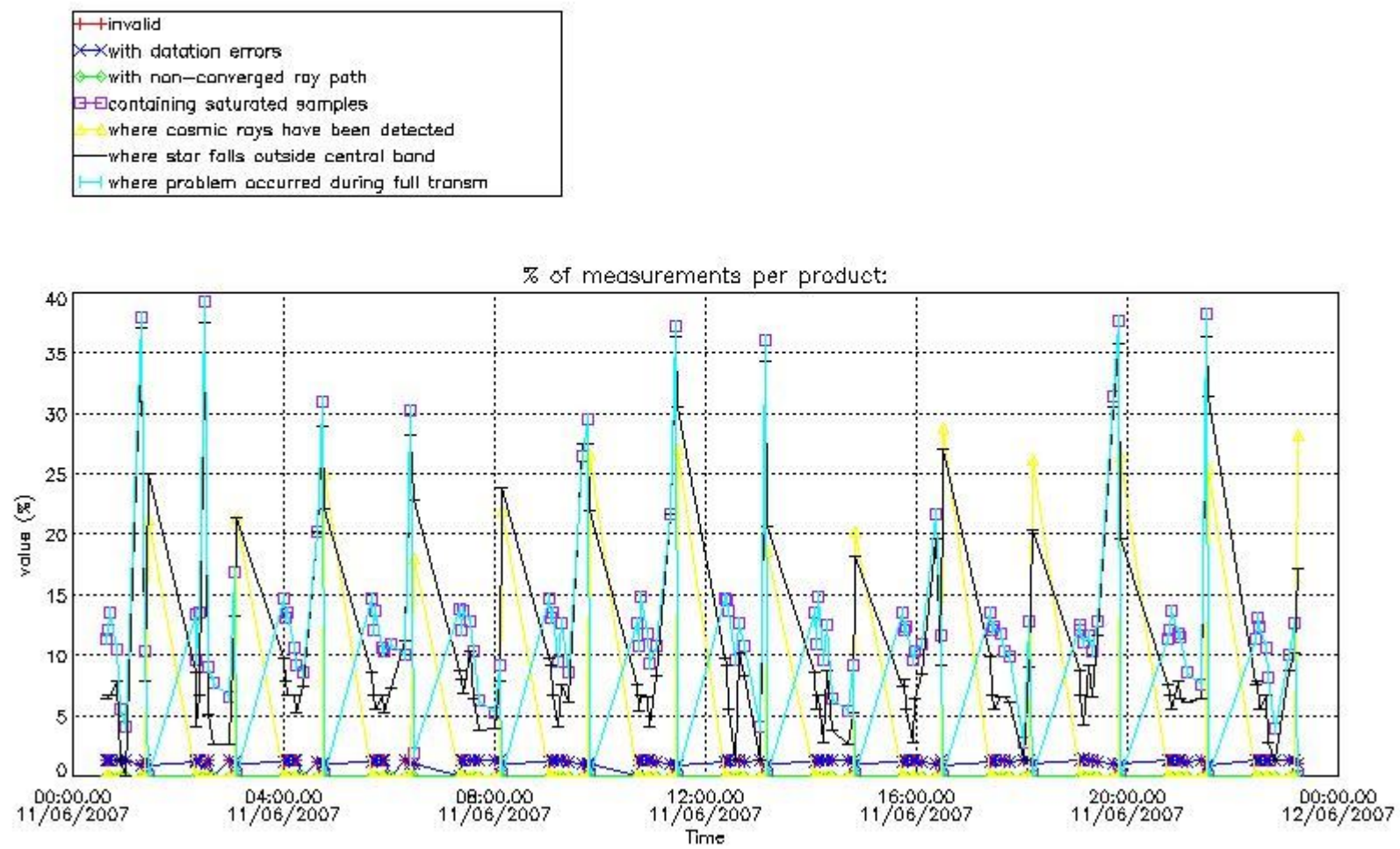
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

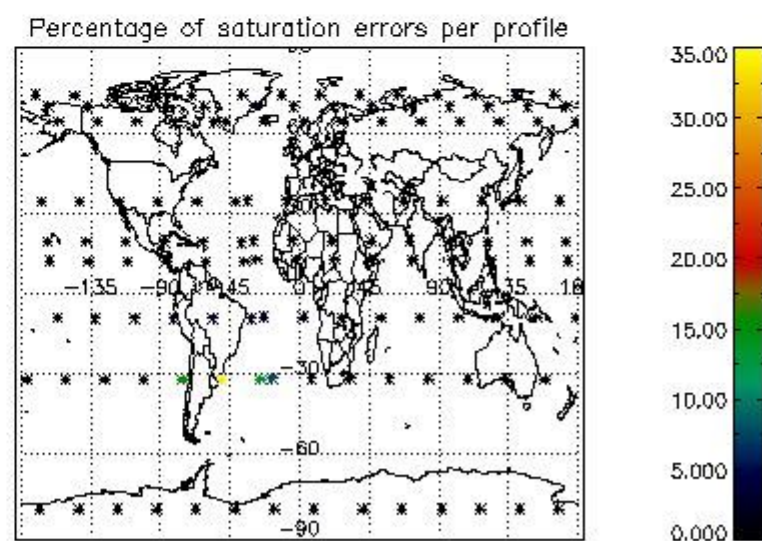
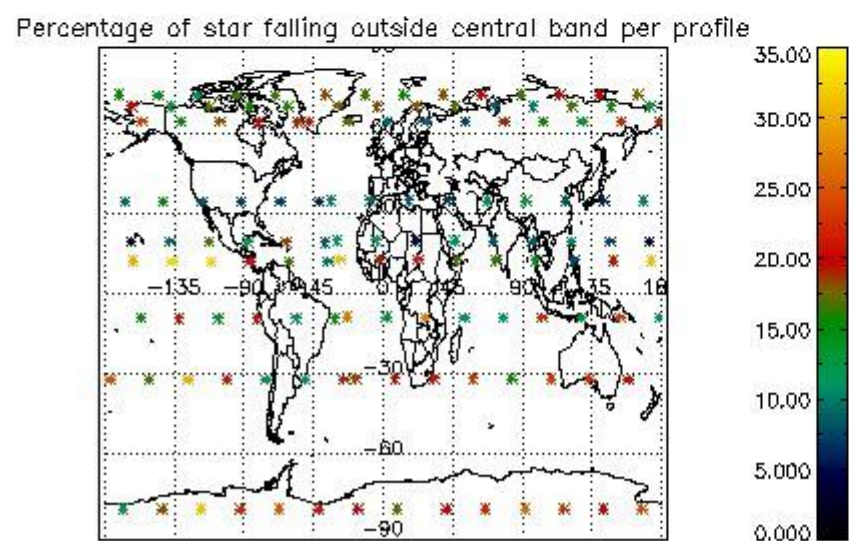
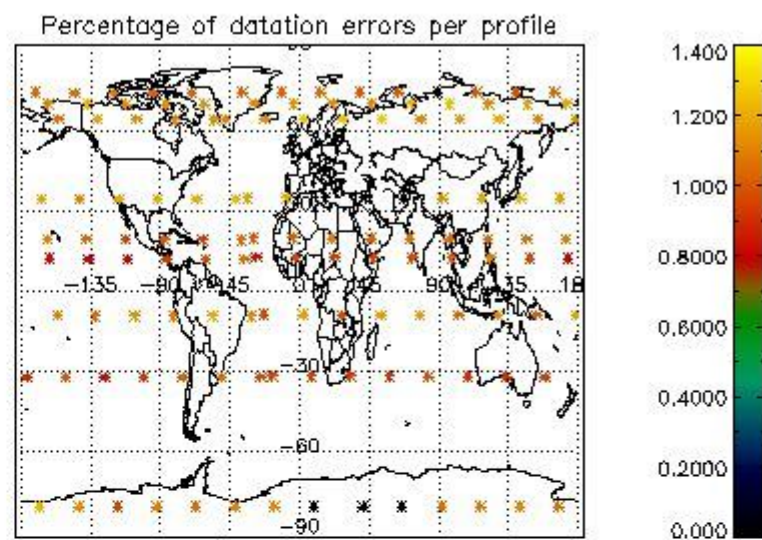
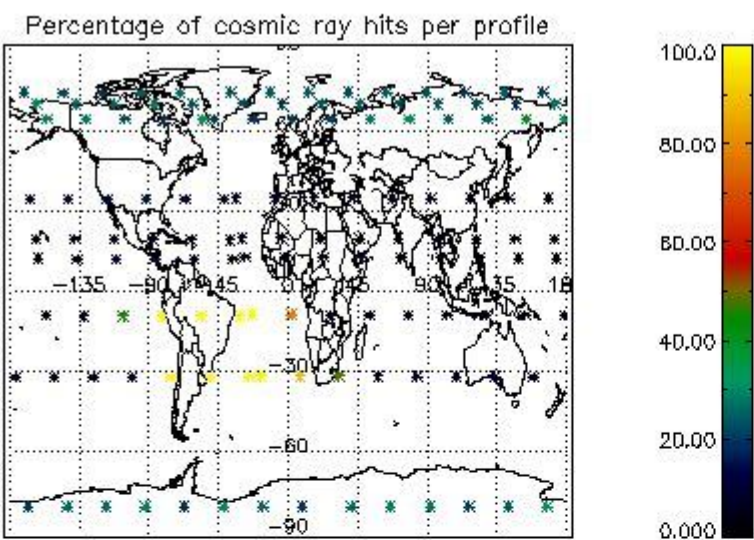


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

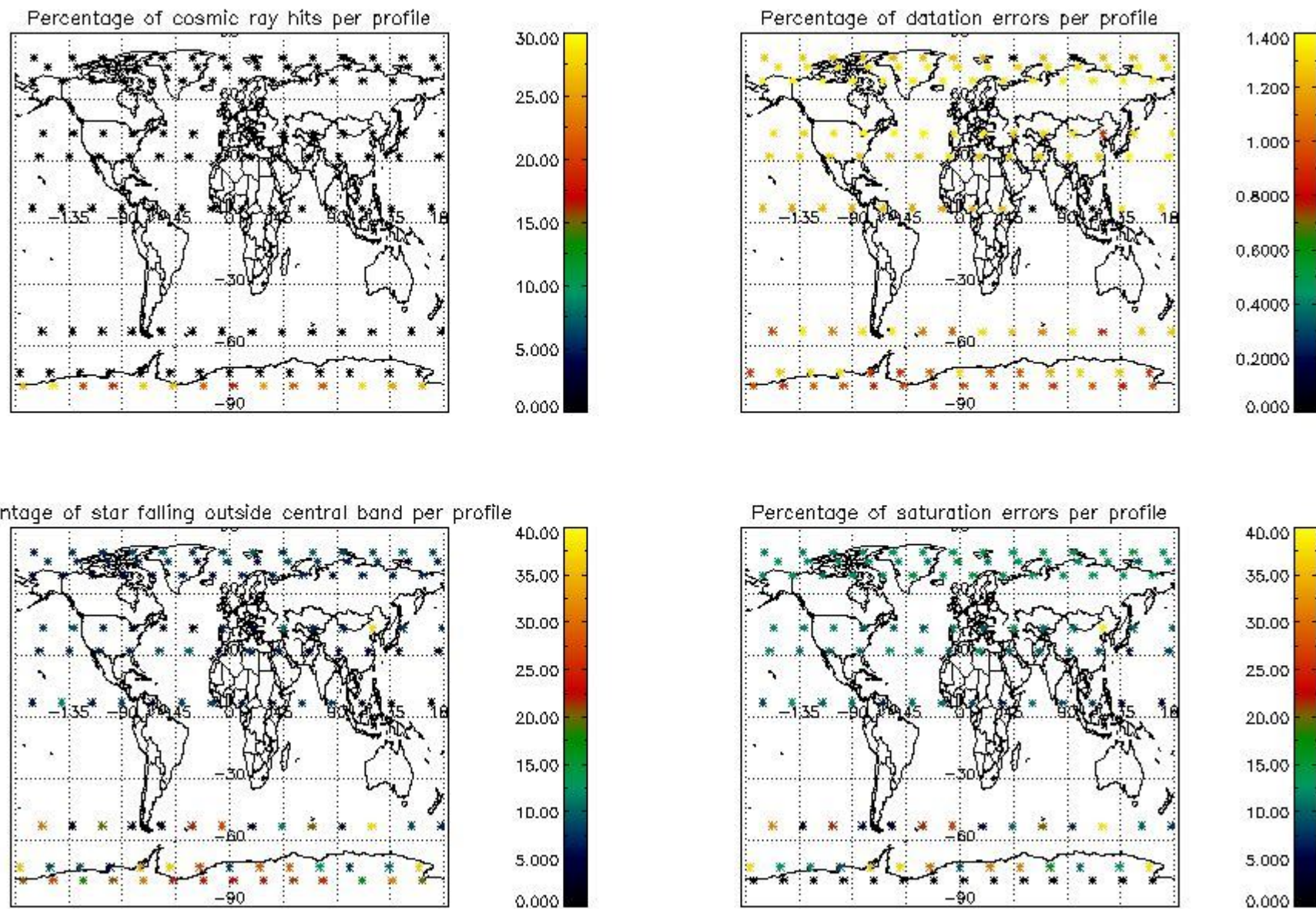


4.2 Plot quality information per product coming from level 1b processing (world map)

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

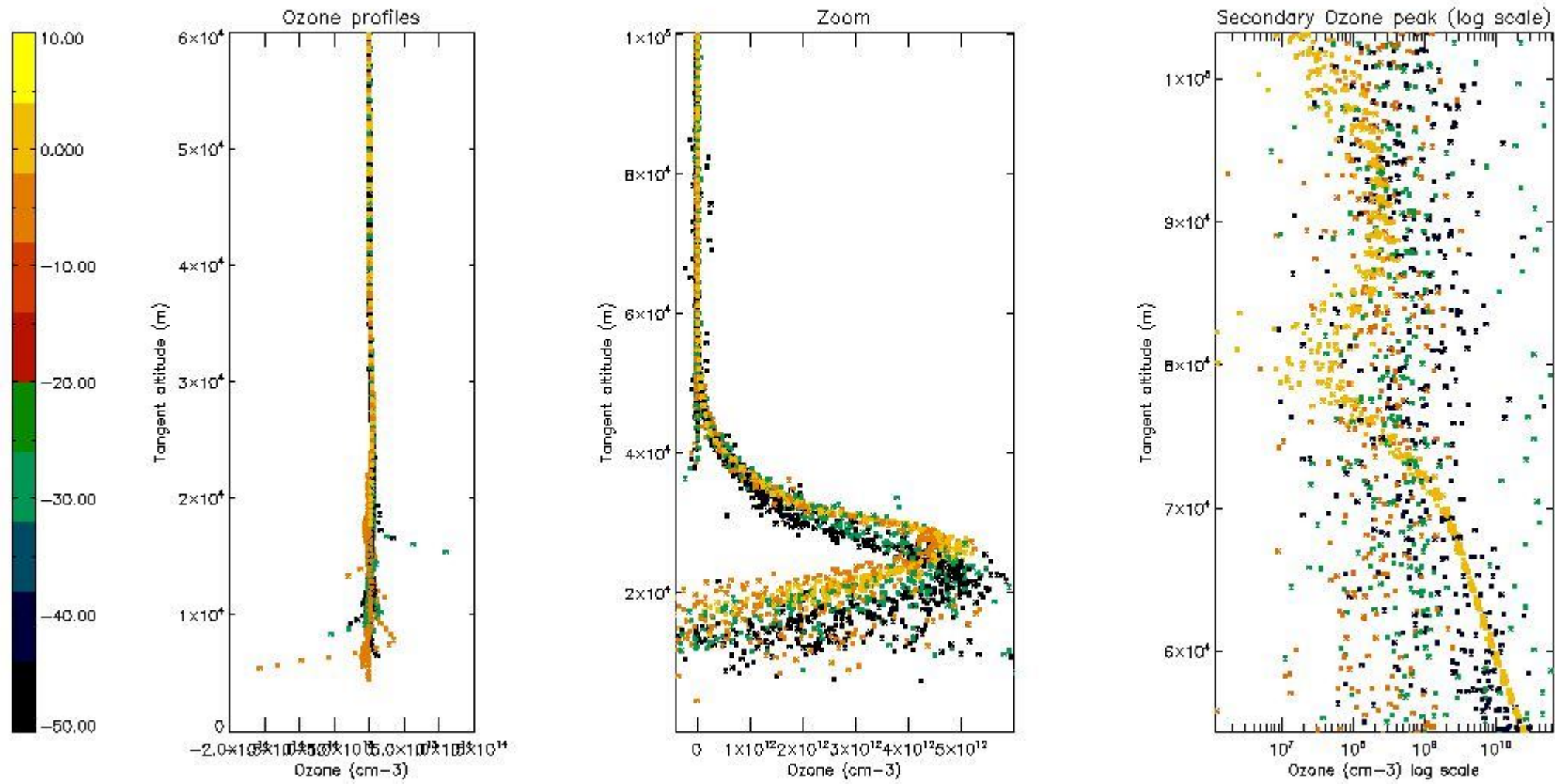
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	27
STD < 20	10

STD < 10	6
STD < 5	3

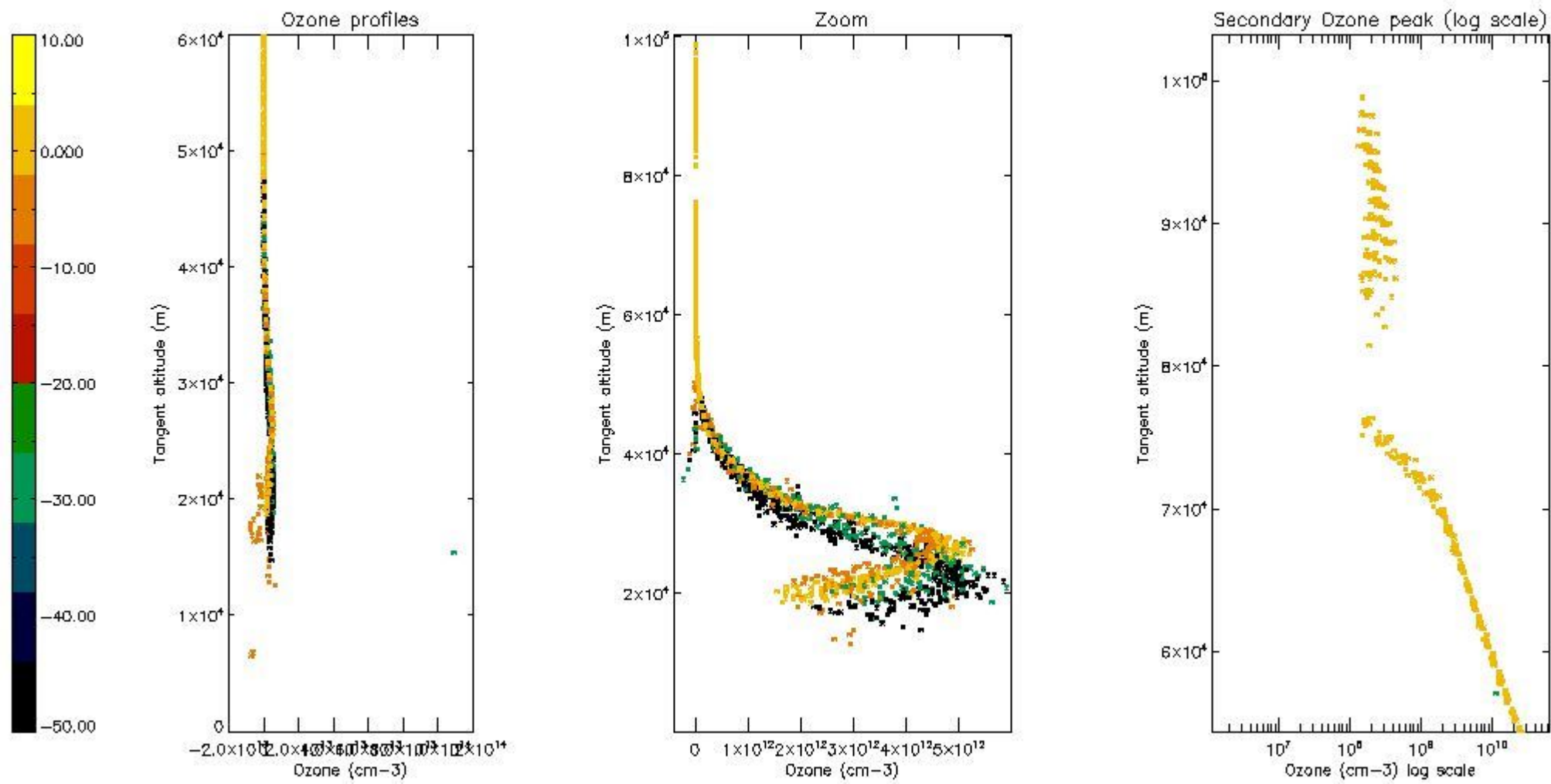
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



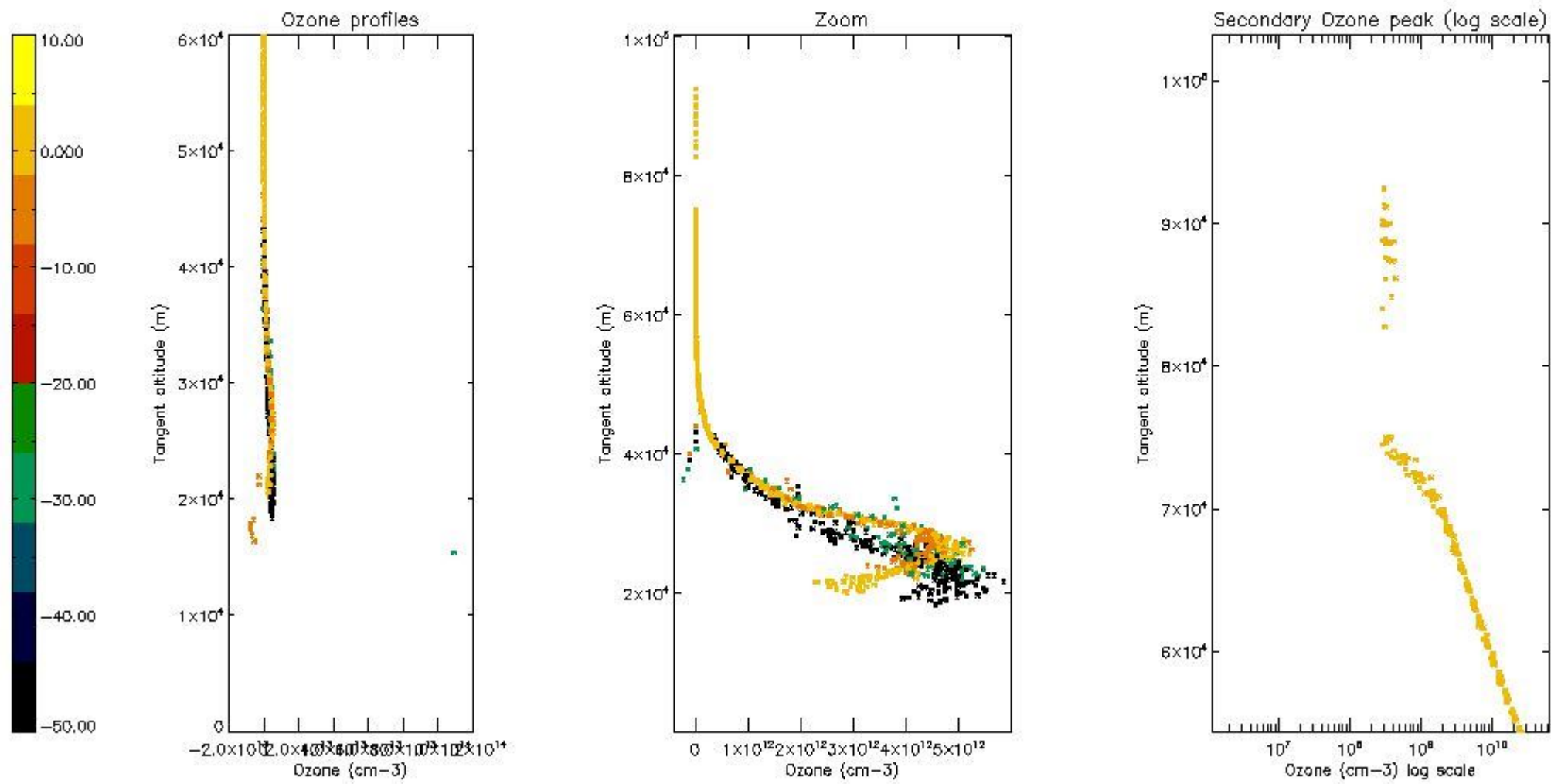
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



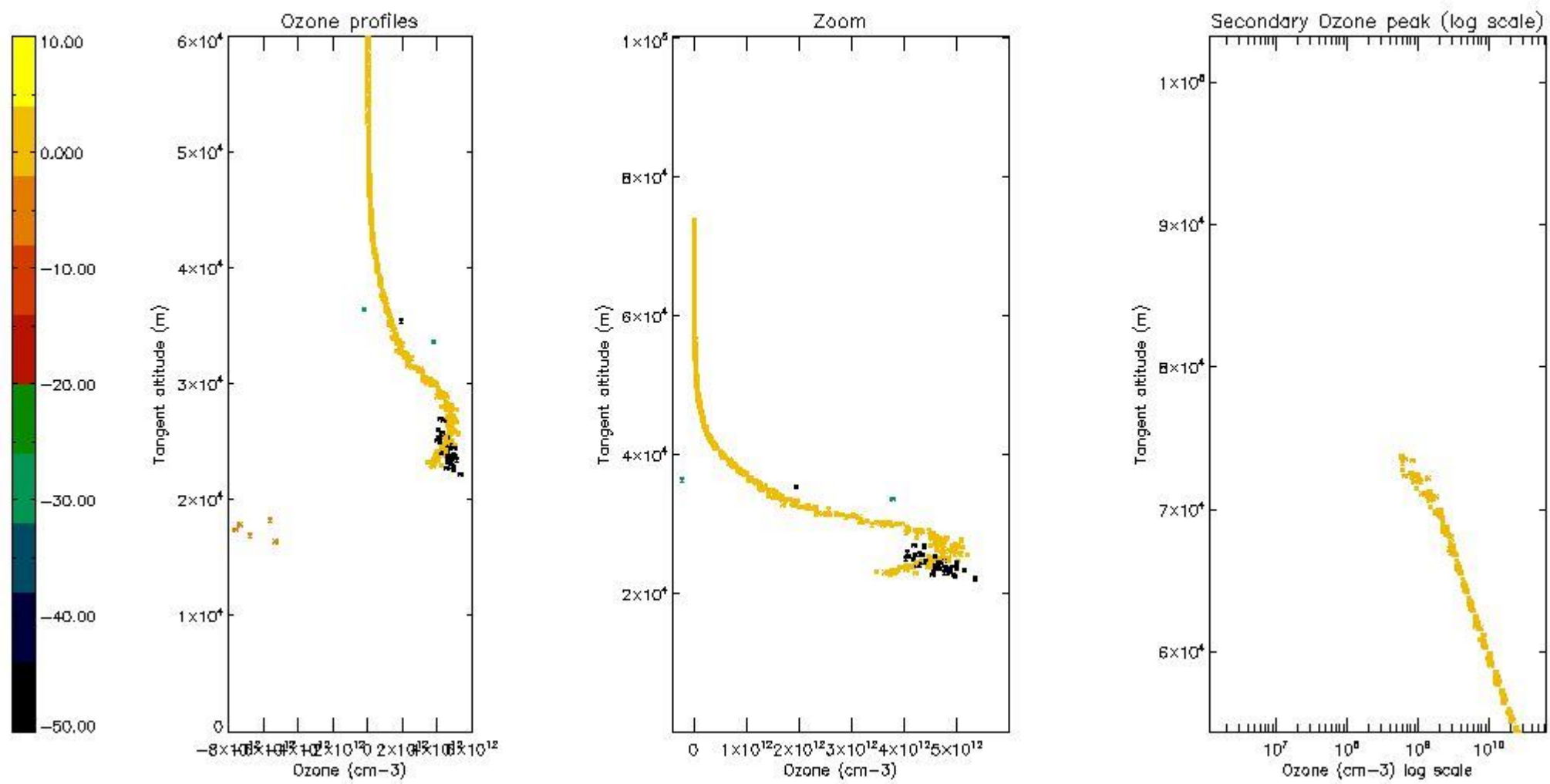
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



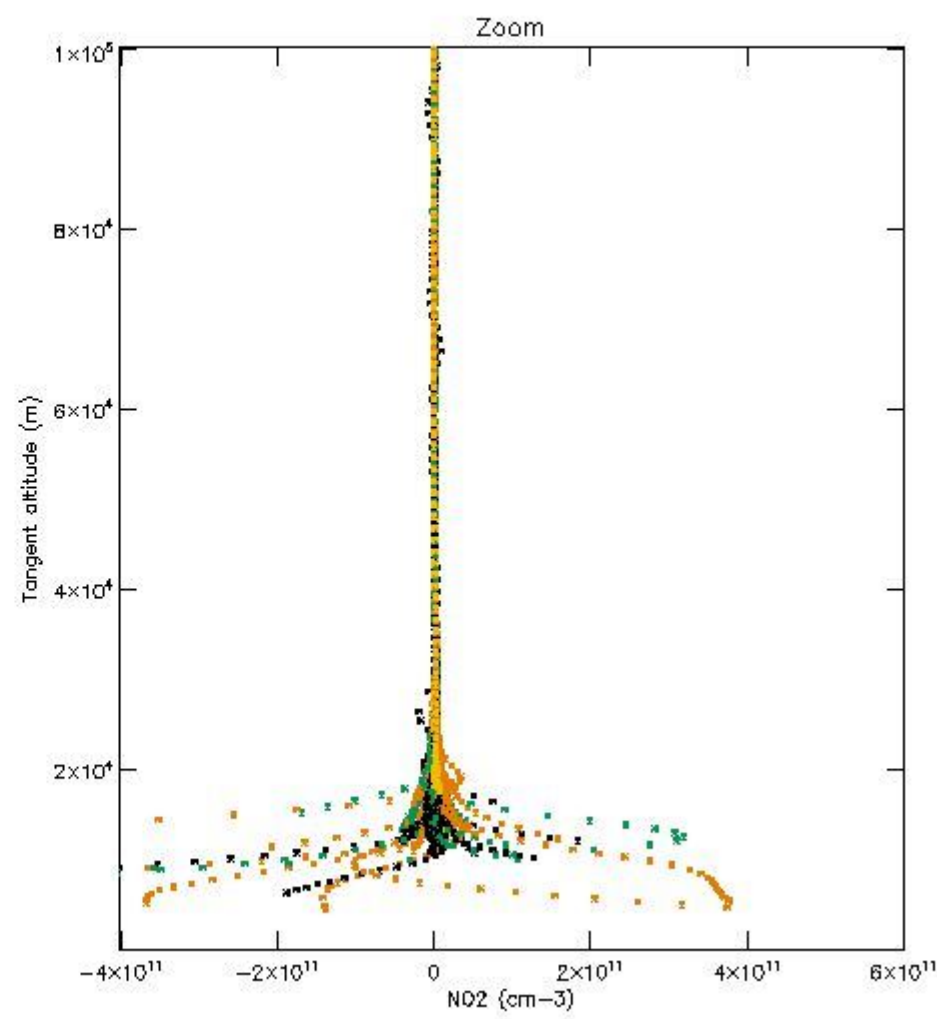
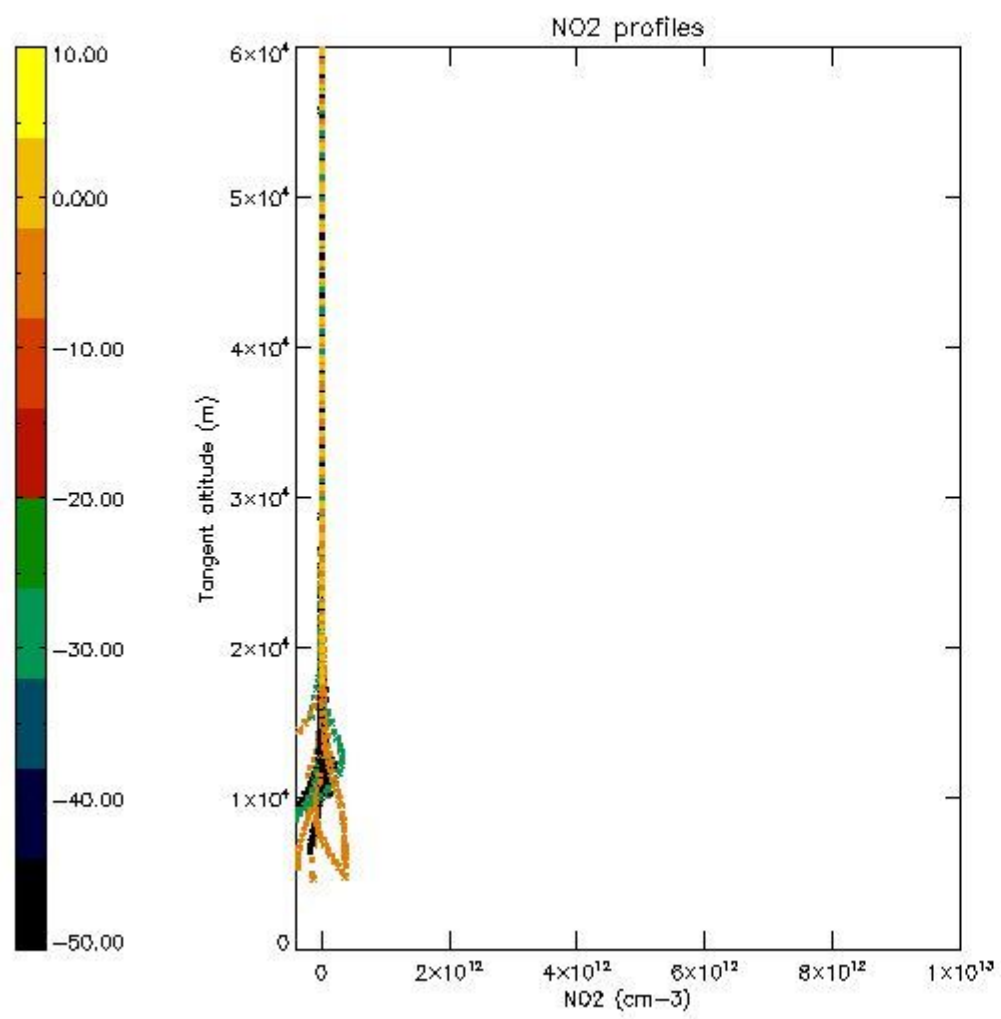
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



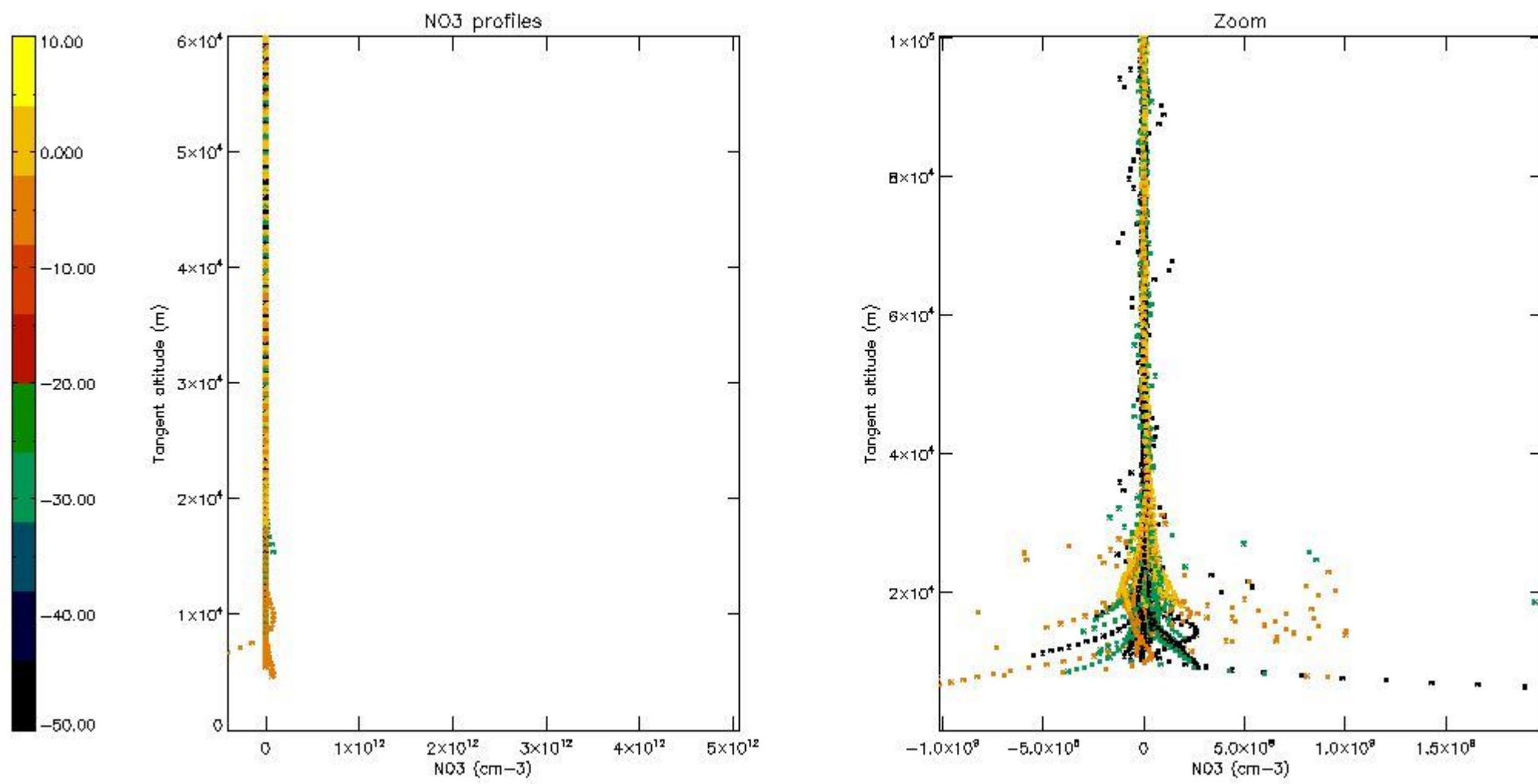
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



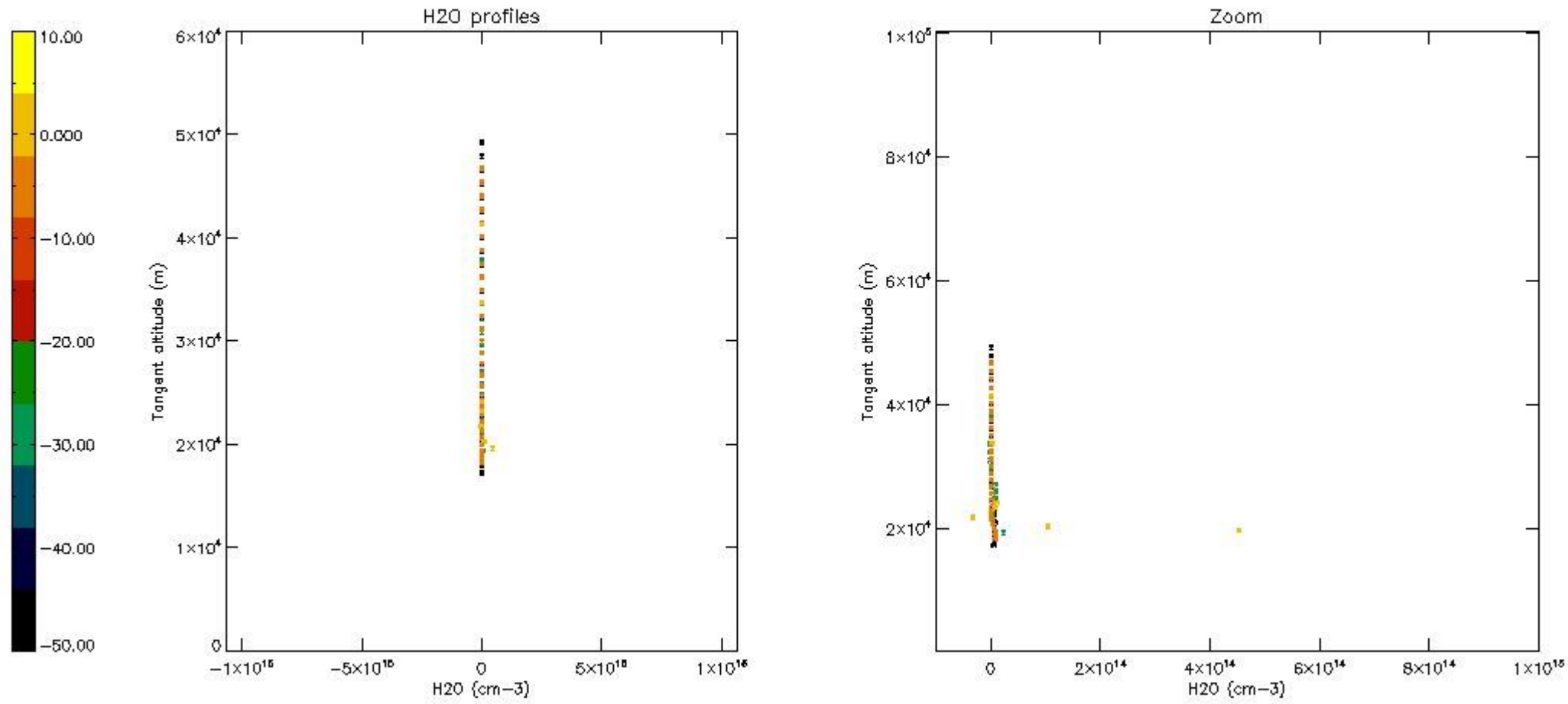
5.7 Plot NO3 profiles for all STD (dark without errors)

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	11-JUN-2007 00:02:44
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	11-JUN-2007 00:02:44
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	11-JUN-2007 00:02:44

GOMOS Level 2 Daily Report

SUMMARY

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[2. Summary of processed GOM_NL_2P products](#)

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

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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	22APR2013 20:38:08
Data source version	GOMOS/6.01
Start time of products	11-06-2007 (11JUN2007 00:00:00)
Stop time of products	12-06-2007 (12JUN2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	258
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

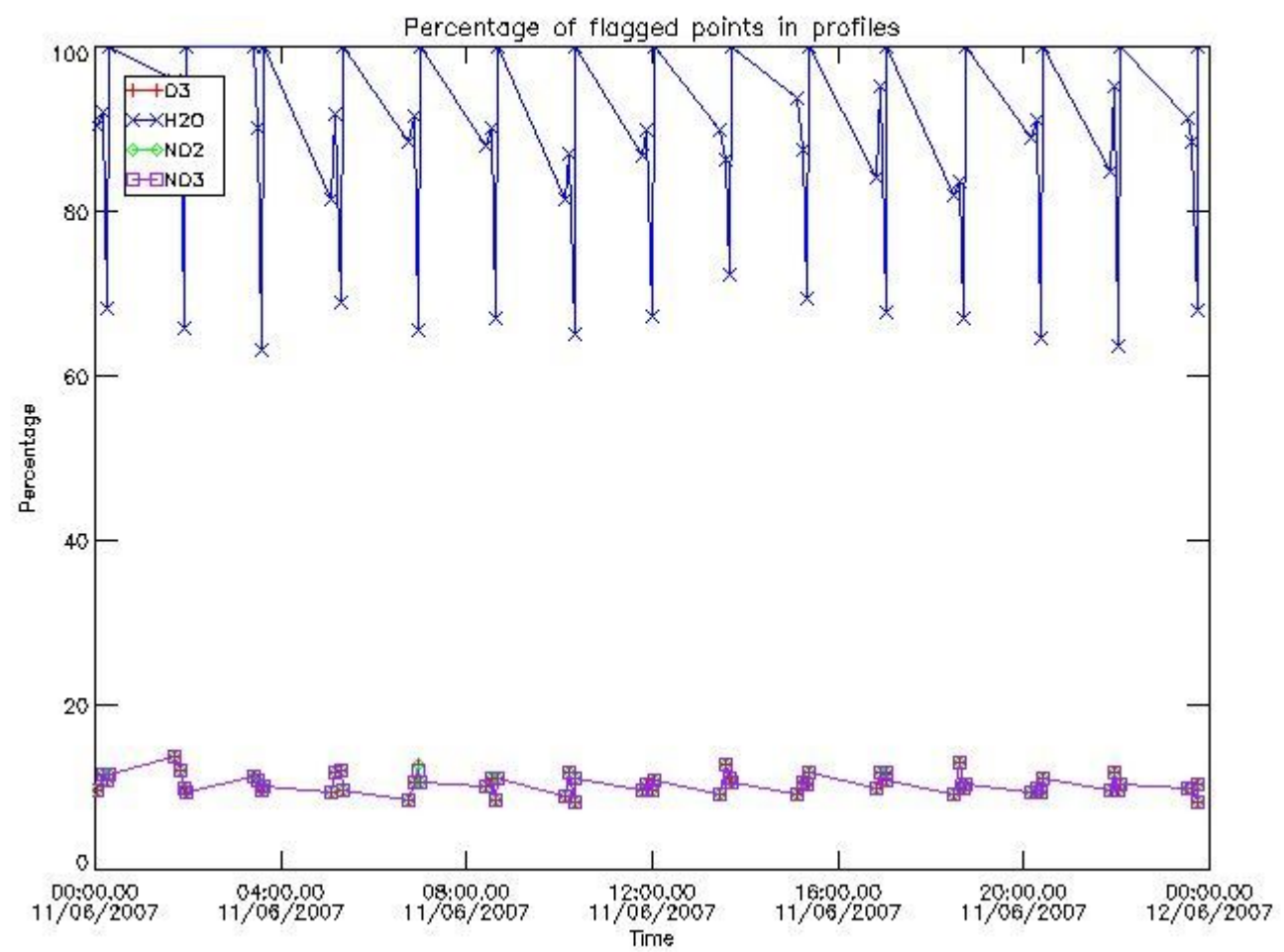
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20070611_000244_000000532058_00488_27596_8609.N1	11-JUN-2007 00:02:44	Dark	52.500	52	16Bet Cet	2.0370	4500.0	105	27596	No
2	GOM_NL__2PRFIN20070611_000913_000000452058_00488_27596_8610.N1	11-JUN-2007 00:09:13	Dark	44.500	84	Alp Phe	2.3970	4500.0	89	27596	No
3	GOM_NL__2PRFIN20070611_001509_000000482058_00489_27597_8609.N1	11-JUN-2007 00:15:09	Dark	47.500	63	Bet Gru	2.1500	2800.0	95	27597	No
4	GOM_NL__2PRFIN20070611_001711_000000482058_00489_27597_8610.N1	11-JUN-2007 00:17:11	Dark	48.000	31	Alp Gru	1.7340	15200.	96	27597	No
5	GOM_NL__2PRFIN20070611_002128_000000412058_00489_27597_8611.N1	11-JUN-2007 00:21:28	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	27597	No
6	GOM_NL__2PRFIN20070611_003000_000000452058_00489_27597_8612.N1	11-JUN-2007 00:30:00	Straylight	44.500	40	The Sco	1.8590	7100.0	89	27597	No
7	GOM_NL__2PRFIN20070611_003144_000000442058_00489_27597_8613.N1	11-JUN-2007 00:31:44	Twilight	44.000	25	35Lam Sco	1.6200	28000.	88	27597	No
8	GOM_NL__2PRFIN20070611_003306_000000492058_00489_27597_8614.N1	11-JUN-2007 00:33:06	Twilight	49.000	167	10Gam2Sgr	2.9840	4500.0	98	27597	No
9	GOM_NL__2PRFIN20070611_003834_000000402058_00489_27597_8615.N1	11-JUN-2007 00:38:34	Bright	39.500	86	35Eta Oph	2.4300	10200.	79	27597	No
10	GOM_NL__2PRFIN20070611_004020_000000382058_00489_27597_8616.N1	11-JUN-2007 00:40:20	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	27597	No
11	GOM_NL__2PRFIN20070611_004227_000000372058_00489_27597_8617.N1	11-JUN-2007 00:42:27	Bright	37.000	120	1Del Oph	2.7340	3200.0	74	27597	No
12	GOM_NL__2PRFIN20070611_004956_000000382058_00489_27597_8618.N1	11-JUN-2007 00:49:56	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	27597	No
13	GOM_NL__2PRFIN20070611_005305_000000372058_00489_27597_8619.N1	11-JUN-2007 00:53:05	Bright	36.500	133	40Zet Her	2.8070	6000.0	73	27597	No
14	GOM_NL__2PRFIN20070611_010010_000000382058_00489_27597_8620.N1	11-JUN-2007 01:00:10	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	27597	No
15	GOM_NL__2PRFIN20070611_011700_000000582058_00489_27597_8621.N1	11-JUN-2007 01:17:00	Bright	58.000	76	27Gam Cas	2.3000	30000.	116	27597	No
16	GOM_NL__2PRFIN20070611_012256_000000392058_00489_27597_8622.N1	11-JUN-2007 01:22:56	Bright	38.500	73	57Gam1And	2.2600	13100.	77	27597	No
17	GOM_NL__2PRFIN20070611_012515_000000542058_00489_27597_8623.N1	11-JUN-2007 01:25:15	Twilight	54.000	53	43Bet And	2.0480	3300.0	108	27597	No
18	GOM_NL__2PRFIN20070611_012834_000000442058_00489_27597_8624.N1	11-JUN-2007 01:28:34	Twilight	43.500	50	13Alp Ari	2.0070	4250.0	87	27597	No
19	GOM_NL__2PRFIN20070611_014321_000000482058_00489_27597_8625.N1	11-JUN-2007 01:43:21	Dark	48.000	52	16Bet Cet	2.0370	4500.0	96	27597	No
20	GOM_NL__2PRFIN20070611_014949_000000422058_00489_27597_8626.N1	11-JUN-2007 01:49:49	Dark	42.000	84	Alp Phe	2.3970	4500.0	84	27597	No
21	GOM_NL__2PRFIN20070611_015546_000000522058_00490_27598_8624.N1	11-JUN-2007 01:55:46	Dark	51.500	63	Bet Gru	2.1500	2800.0	103	27598	No
22	GOM_NL__2PRFIN20070611_015747_000000542058_00490_27598_8625.N1	11-JUN-2007 01:57:47	Dark	54.000	31	Alp Gru	1.7340	15200.	108	27598	No
23	GOM_NL__2PRFIN20070611_020205_000000422058_00490_27598_8626.N1	11-JUN-2007 02:02:05	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	27598	No
24	GOM_NL__2PRFIN20070611_021036_000000452058_00490_27598_8627.N1	11-JUN-2007 02:10:36	Straylight	45.000	40	The Sco	1.8590	7100.0	90	27598	No
25	GOM_NL__2PRFIN20070611_021220_000000442058_00490_27598_8628.N1	11-JUN-2007 02:12:20	Twilight	44.000	25	35Lam Sco	1.6200	28000.	88	27598	No
26	GOM_NL__2PRFIN20070611_021342_000000492058_00490_27598_8629.N1	11-JUN-2007 02:13:42	Twilight	48.500	167	10Gam2Sgr	2.9840	4500.0	97	27598	No
27	GOM_NL__2PRFIN20070611_021910_000000412058_00490_27598_8630.N1	11-JUN-2007 02:19:10	Bright	41.000	86	35Eta Oph	2.4300	10200.	82	27598	No
28	GOM_NL__2PRFIN20070611_022056_000000372058_00490_27598_8631.N1	11-JUN-2007 02:20:56	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	27598	No
29	GOM_NL__2PRFIN20070611_022303_000000372058_00490_27598_8632.N1	11-JUN-2007 02:23:03	Bright	37.000	120	1Del Oph	2.7340	3200.0	74	27598	No
30	GOM_NL__2PRFIN20070611_023031_000000562058_00490_27598_8633.N1	11-JUN-2007 02:30:31	Bright	56.000	127	27Bet Her	2.7810	4700.0	112	27598	No
31	GOM_NL__2PRFIN20070611_023341_000000392058_00490_27598_8634.N1	11-JUN-2007 02:33:41	Bright	39.000	133	40Zet Her	2.8070	6000.0	78	27598	No
32	GOM_NL__2PRFIN20070611_024045_000000392058_00490_27598_8635.N1	11-JUN-2007 02:40:45	Bright	39.000	130	23Bet Dra	2.7990	5800.0	78	27598	No
33	GOM_NL__2PRFIN20070611_025736_000000382058_00490_27598_8636.N1	11-JUN-2007 02:57:36	Bright	38.000	76	27Gam Cas	2.3000	30000.	76	27598	No
34	GOM_NL__2PRFIN20070611_030332_000000422058_00490_27598_8637.N1	11-JUN-2007 03:03:32	Bright	41.500	73	57Gam1And	2.2600	13100.	83	27598	No
35	GOM_NL__2PRFIN20070611_030551_000000522058_00490_27598_8638.N1	11-JUN-2007 03:05:51	Twilight	51.500	53	43Bet And	2.0480	3300.0	103	27598	No
36	GOM_NL__2PRFIN20070611_030910_000000452058_00490_27598_8639.N1	11-JUN-2007 03:09:10	Twilight	45.000	50	13Alp Ari	2.0070	4250.0	90	27598	No
37	GOM_NL__2PRFIN20070611_032358_000000492058_00490_27598_8640.N1	11-JUN-2007 03:23:58	Dark	49.000	52	16Bet Cet	2.0370	4500.0	98	27598	No
38	GOM_NL__2PRFIN20070611_033026_000000472058_00490_27598_8641.N1	11-JUN-2007 03:30:26	Dark	46.500	84	Alp Phe	2.3970	4500.0	93	27598	No
39	GOM_NL__2PRFIN20070611_033623_000000542058_00491_27599_8627.N1	11-JUN-2007 03:36:23	Dark	53.500	63	Bet Gru	2.1500	2800.0	107	27599	No
40	GOM_NL__2PRFIN20070611_033824_000000502058_00491_27599_8628.N1	11-JUN-2007 03:38:24	Dark	50.000	31	Alp Gru	1.7340	15200.	100	27599	No
41	GOM_NL__2PRFIN20070611_034241_000000422058_00491_27599_8629.N1	11-JUN-2007 03:42:41	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	27599	No
42	GOM_NL__2PRFIN20070611_035112_000000452058_00491_27599_8630.N1	11-JUN-2007 03:51:12	Straylight	44.500	40	The Sco	1.8590	7100.0	89	27599	No

220	GOM_NL__2PRFIN20070611_202434_000000462058_00501_27609_8899.N1	11-JUN-2007 20:24:34	Dark	46.000	31	Alp Gru	1.7340	15200.	92	27609	No
221	GOM_NL__2PRFIN20070611_202847_000000412058_00501_27609_8900.N1	11-JUN-2007 20:28:47	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	27609	No
222	GOM_NL__2PRFIN20070611_203715_000000402058_00501_27609_8901.N1	11-JUN-2007 20:37:15	Straylight	39.500	40	The Sco	1.8590	7100.0	79	27609	No
223	GOM_NL__2PRFIN20070611_203900_000000442058_00501_27609_8902.N1	11-JUN-2007 20:39:00	Tw_i_and_stray	44.000	25	35Lam Sco	1.6200	28000.	88	27609	No
224	GOM_NL__2PRFIN20070611_204021_000000492058_00501_27609_8903.N1	11-JUN-2007 20:40:21	Tw_i_and_stray	48.500	167	10Gam2Sgr	2.9840	4500.0	97	27609	No
225	GOM_NL__2PRFIN20070611_204547_000000402058_00501_27609_8904.N1	11-JUN-2007 20:45:47	Bright	39.500	86	35Eta Oph	2.4300	10200.	79	27609	No
226	GOM_NL__2PRFIN20070611_204732_000000382058_00501_27609_8905.N1	11-JUN-2007 20:47:32	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	27609	No
227	GOM_NL__2PRFIN20070611_204939_000000372058_00501_27609_8906.N1	11-JUN-2007 20:49:39	Bright	36.500	120	1Del Oph	2.7340	3200.0	73	27609	No
228	GOM_NL__2PRFIN20070611_205705_000000382058_00501_27609_8907.N1	11-JUN-2007 20:57:05	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	27609	No
229	GOM_NL__2PRFIN20070611_210014_000000392058_00501_27609_8908.N1	11-JUN-2007 21:00:14	Bright	39.000	133	40Zet Her	2.8070	6000.0	78	27609	No
230	GOM_NL__2PRFIN20070611_210715_000000412058_00501_27609_8909.N1	11-JUN-2007 21:07:15	Bright	40.500	130	23Bet Dra	2.7990	5800.0	81	27609	No
231	GOM_NL__2PRFIN20070611_212409_000000402058_00501_27609_8910.N1	11-JUN-2007 21:24:09	Bright	39.500	76	27Gam Cas	2.3000	30000.	79	27609	No
232	GOM_NL__2PRFIN20070611_213008_000000552058_00501_27609_8911.N1	11-JUN-2007 21:30:08	Bright	55.000	73	57Gam1And	2.2600	13100.	110	27609	No
233	GOM_NL__2PRFIN20070611_213228_000000592058_00501_27609_8912.N1	11-JUN-2007 21:32:28	Tw_i_and_stray	59.000	53	43Bet And	2.0480	3300.0	118	27609	No
234	GOM_NL__2PRFIN20070611_213547_000000462058_00501_27609_8913.N1	11-JUN-2007 21:35:47	Twilight	45.500	50	13Alp Ari	2.0070	4250.0	91	27609	No
235	GOM_NL__2PRFIN20070611_215043_000000542058_00501_27609_8914.N1	11-JUN-2007 21:50:43	Dark	53.500	52	16Bet Cet	2.0370	4500.0	107	27609	No
236	GOM_NL__2PRFIN20070611_215709_000000432058_00501_27609_8915.N1	11-JUN-2007 21:57:09	Dark	43.000	84	Alp Phe	2.3970	4500.0	86	27609	No
237	GOM_NL__2PRFIN20070611_220309_000000532059_00001_27610_8909.N1	11-JUN-2007 22:03:09	Dark	52.500	63	Bet Gru	2.1500	2800.0	105	27610	No
238	GOM_NL__2PRFIN20070611_220510_000000492059_00001_27610_8910.N1	11-JUN-2007 22:05:10	Dark	49.000	31	Alp Gru	1.7340	15200.	98	27610	No
239	GOM_NL__2PRFIN20070611_220924_000000422059_00001_27610_8911.N1	11-JUN-2007 22:09:24	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	27610	No
240	GOM_NL__2PRFIN20070611_221751_000000442059_00001_27610_8912.N1	11-JUN-2007 22:17:51	Straylight	44.000	40	The Sco	1.8590	7100.0	88	27610	No
241	GOM_NL__2PRFIN20070611_221936_000000452059_00001_27610_8913.N1	11-JUN-2007 22:19:36	Tw_i_and_stray	45.000	25	35Lam Sco	1.6200	28000.	90	27610	No
242	GOM_NL__2PRFIN20070611_222058_000000492059_00001_27610_8914.N1	11-JUN-2007 22:20:58	Tw_i_and_stray	49.000	167	10Gam2Sgr	2.9840	4500.0	98	27610	No
243	GOM_NL__2PRFIN20070611_222623_000000402059_00001_27610_8915.N1	11-JUN-2007 22:26:23	Bright	39.500	86	35Eta Oph	2.4300	10200.	79	27610	No
244	GOM_NL__2PRFIN20070611_222808_000000382059_00001_27610_8916.N1	11-JUN-2007 22:28:08	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	27610	No
245	GOM_NL__2PRFIN20070611_223015_000000372059_00001_27610_8917.N1	11-JUN-2007 22:30:15	Bright	36.500	120	1Del Oph	2.7340	3200.0	73	27610	No
246	GOM_NL__2PRFIN20070611_223741_000000382059_00001_27610_8918.N1	11-JUN-2007 22:37:41	Bright	37.500	127	27Bet Her	2.7810	4700.0	75	27610	No
247	GOM_NL__2PRFIN20070611_224049_000000372059_00001_27610_8919.N1	11-JUN-2007 22:40:49	Bright	37.000	133	40Zet Her	2.8070	6000.0	74	27610	No
248	GOM_NL__2PRFIN20070611_224751_000000382059_00001_27610_8920.N1	11-JUN-2007 22:47:51	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	27610	No
249	GOM_NL__2PRFIN20070611_230445_000000402059_00001_27610_8921.N1	11-JUN-2007 23:04:45	Bright	40.000	76	27Gam Cas	2.3000	30000.	80	27610	No
250	GOM_NL__2PRFIN20070611_231044_000000402059_00001_27610_8922.N1	11-JUN-2007 23:10:44	Bright	39.500	73	57Gam1And	2.2600	13100.	79	27610	No
251	GOM_NL__2PRFIN20070611_231304_000000502059_00001_27610_8923.N1	11-JUN-2007 23:13:04	Tw_i_and_stray	49.500	53	43Bet And	2.0480	3300.0	99	27610	No
252	GOM_NL__2PRFIN20070611_231623_000000452059_00001_27610_8924.N1	11-JUN-2007 23:16:23	Twilight	45.000	50	13Alp Ari	2.0070	4250.0	90	27610	No
253	GOM_NL__2PRFIN20070611_233120_000000522059_00001_27610_8925.N1	11-JUN-2007 23:31:20	Dark	52.000	52	16Bet Cet	2.0370	4500.0	104	27610	No
254	GOM_NL__2PRFIN20070611_233746_000000522059_00001_27610_8926.N1	11-JUN-2007 23:37:46	Dark	52.000	84	Alp Phe	2.3970	4500.0	104	27610	No
255	GOM_NL__2PRFIN20070611_234346_000000622059_00002_27611_8925.N1	11-JUN-2007 23:43:46	Dark	61.500	63	Bet Gru	2.1500	2800.0	123	27611	No
256	GOM_NL__2PRFIN20070611_234547_000000502059_00002_27611_8926.N1	11-JUN-2007 23:45:47	Dark	49.500	31	Alp Gru	1.7340	15200.	99	27611	No
257	GOM_NL__2PRFIN20070611_235000_000000432059_00002_27611_8927.N1	11-JUN-2007 23:50:00	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	27611	No
258	GOM_NL__2PRFIN20070611_235828_000000462059_00002_27611_8928.N1	11-JUN-2007 23:58:28	Tw_i_and_stray	45.500	40	The Sco	1.8590	7100.0	91	27611	No

3. Quality information per product

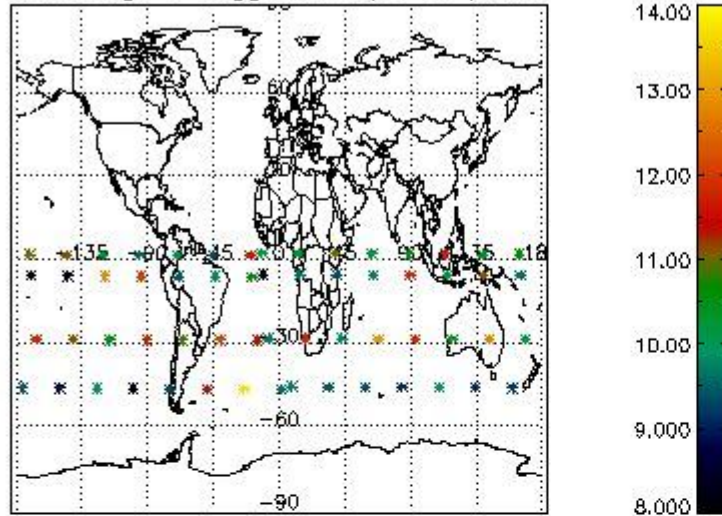
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

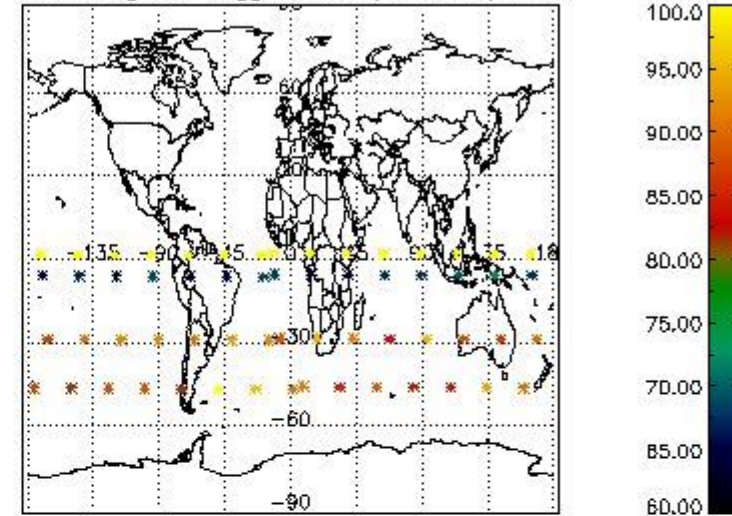


3.2 Plot quality information per product (world map)

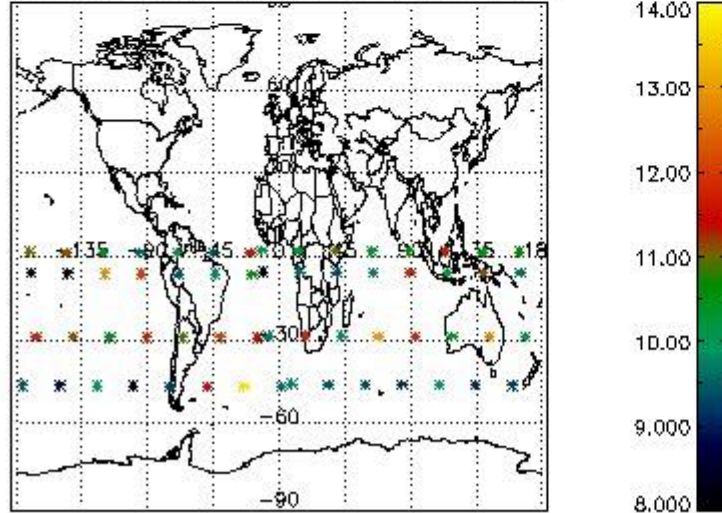
Percentage of flagged data per O3 profile



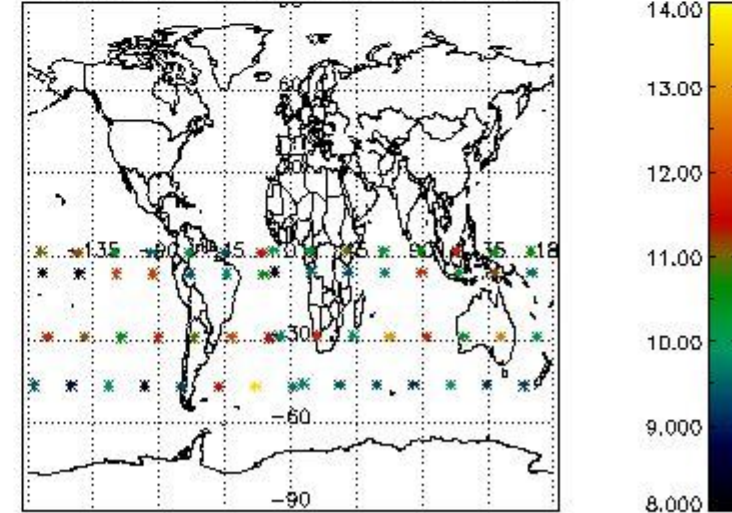
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

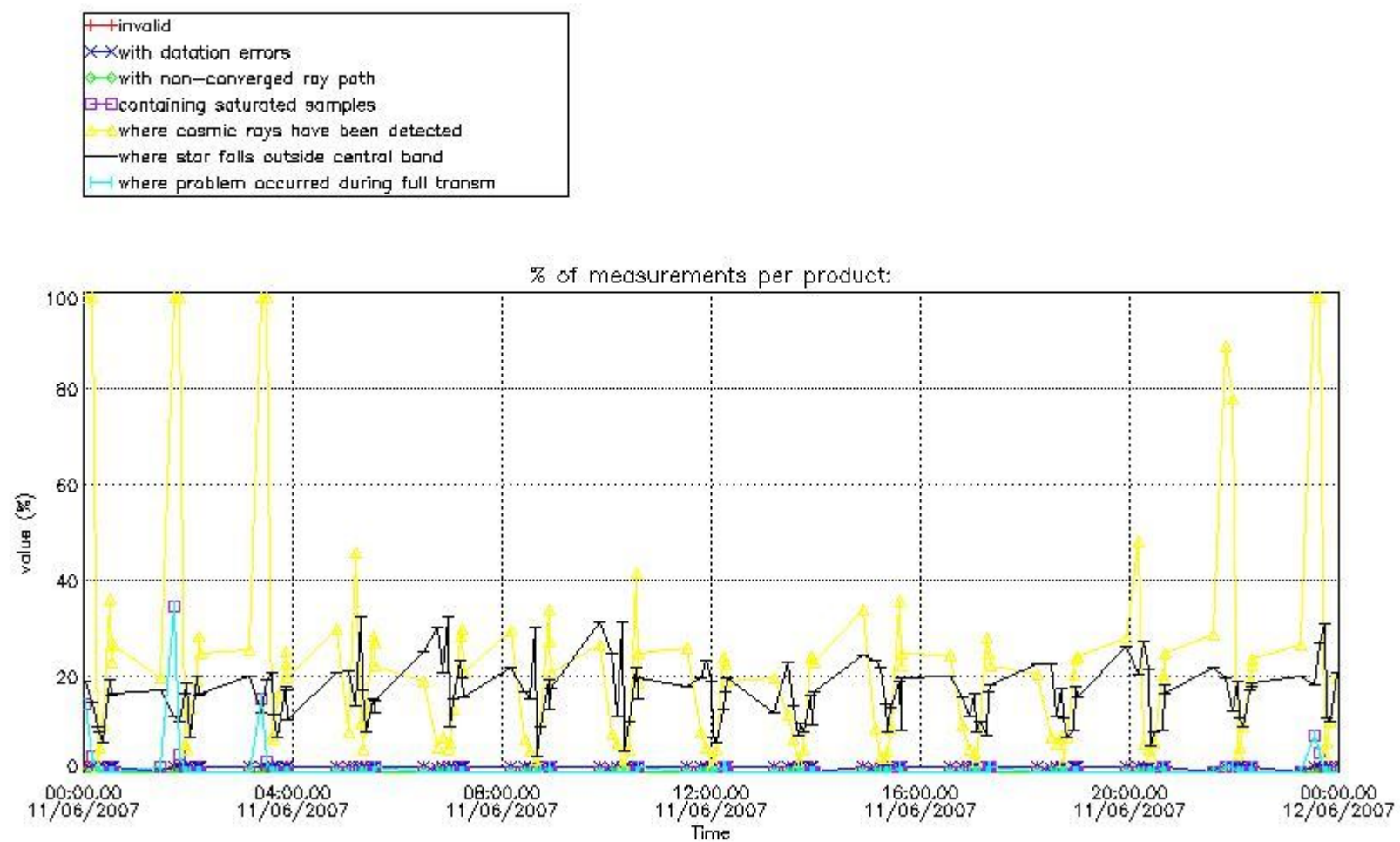


4. Level 1 quality information per product

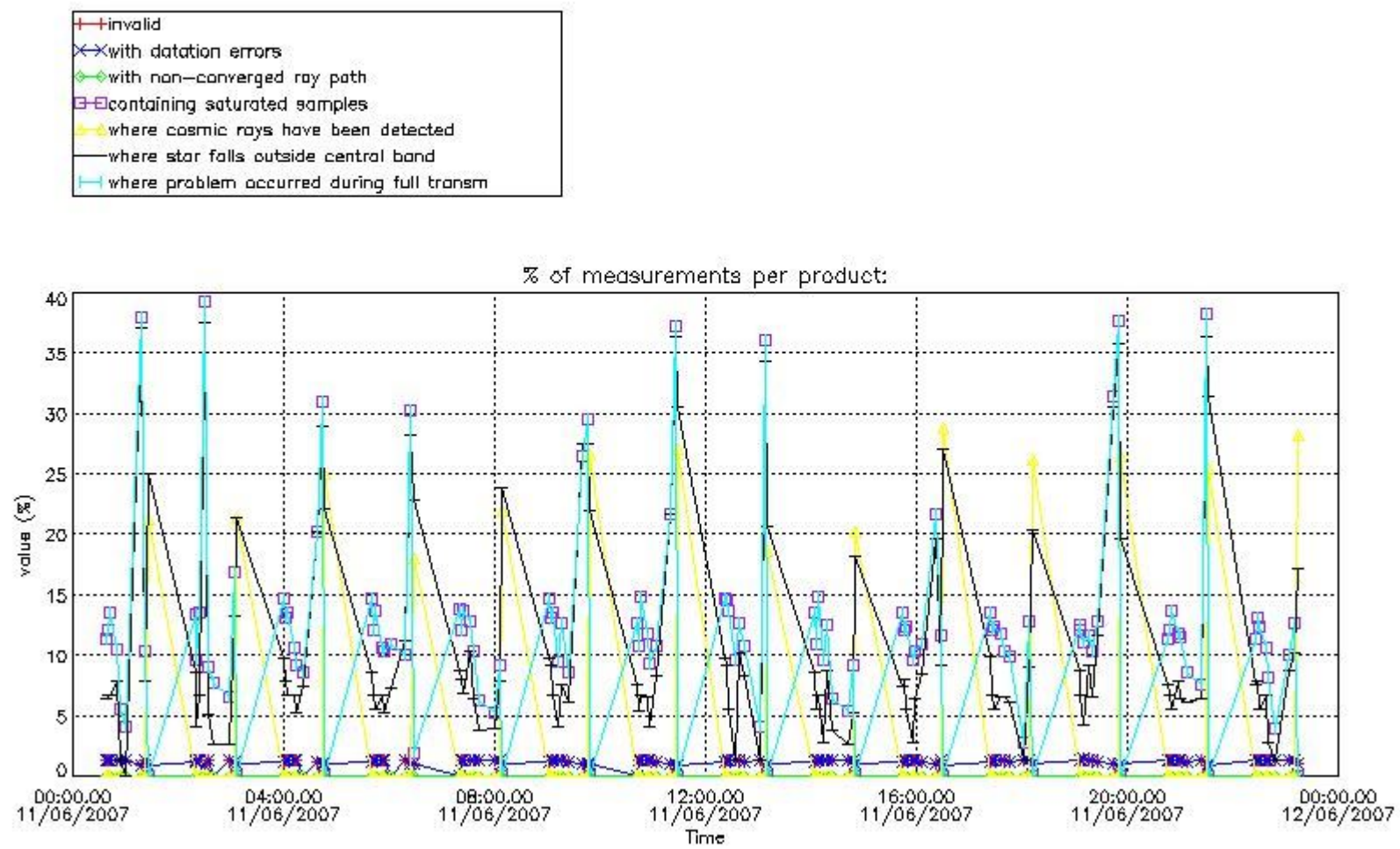
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

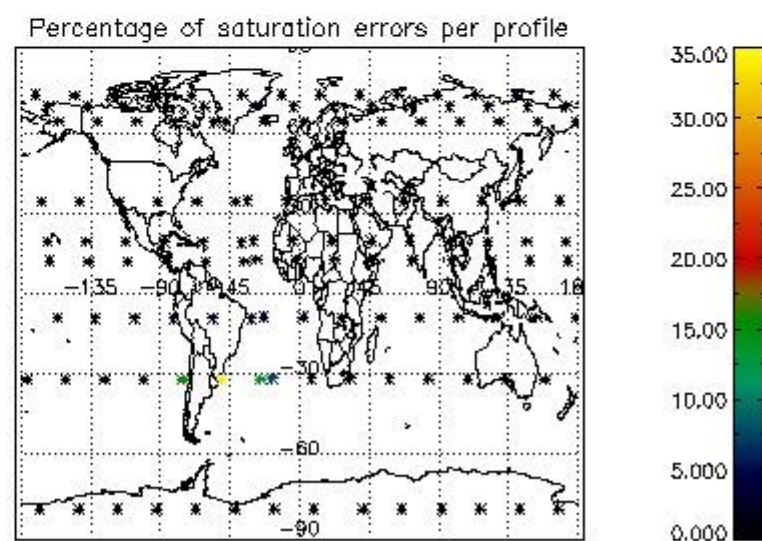
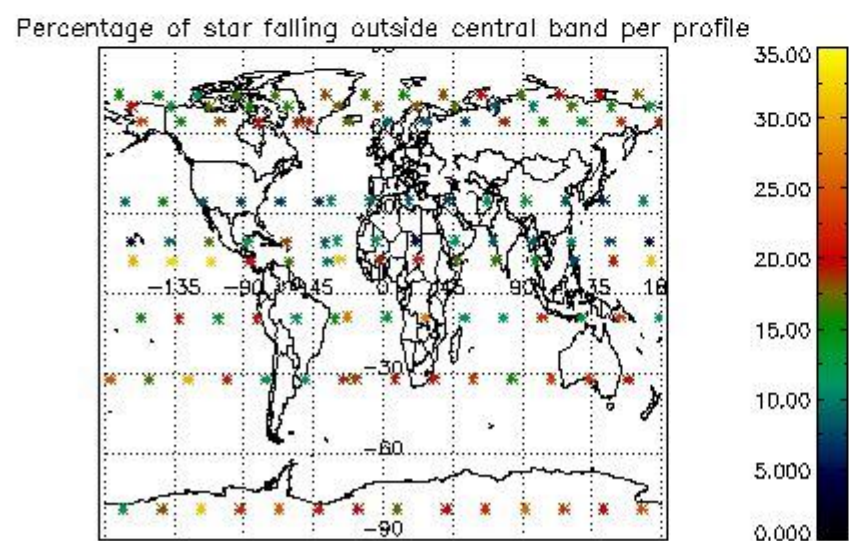
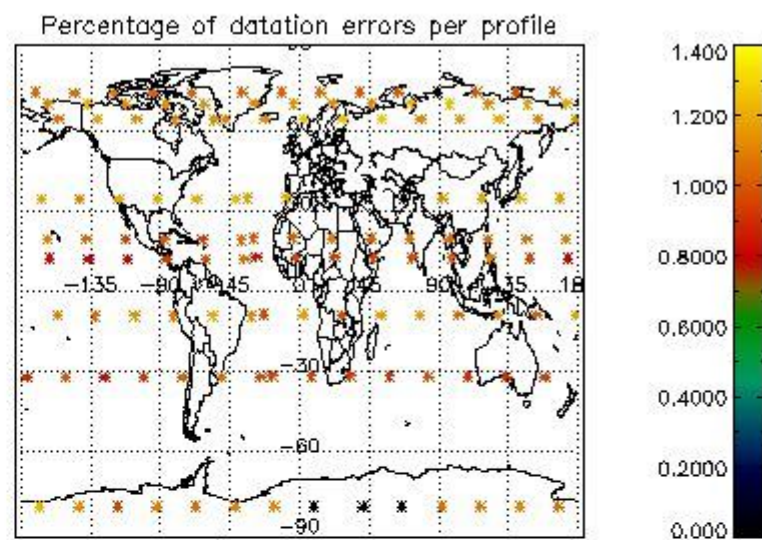
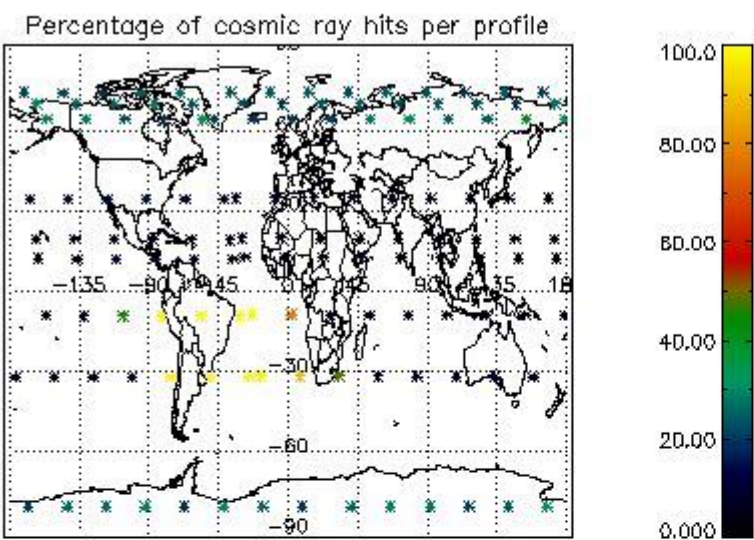


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

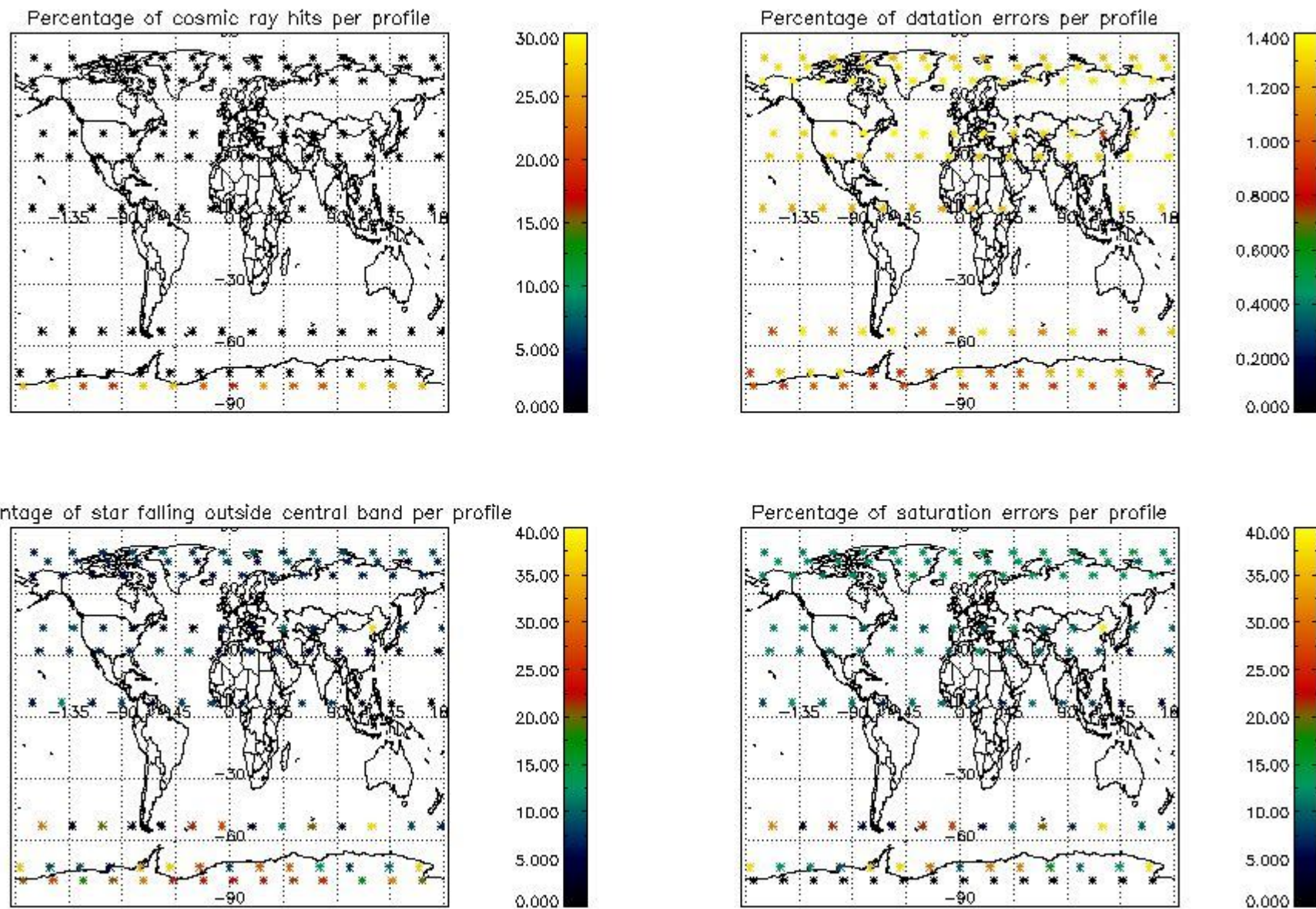


4.2 Plot quality information per product coming from level 1b processing (world map)

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

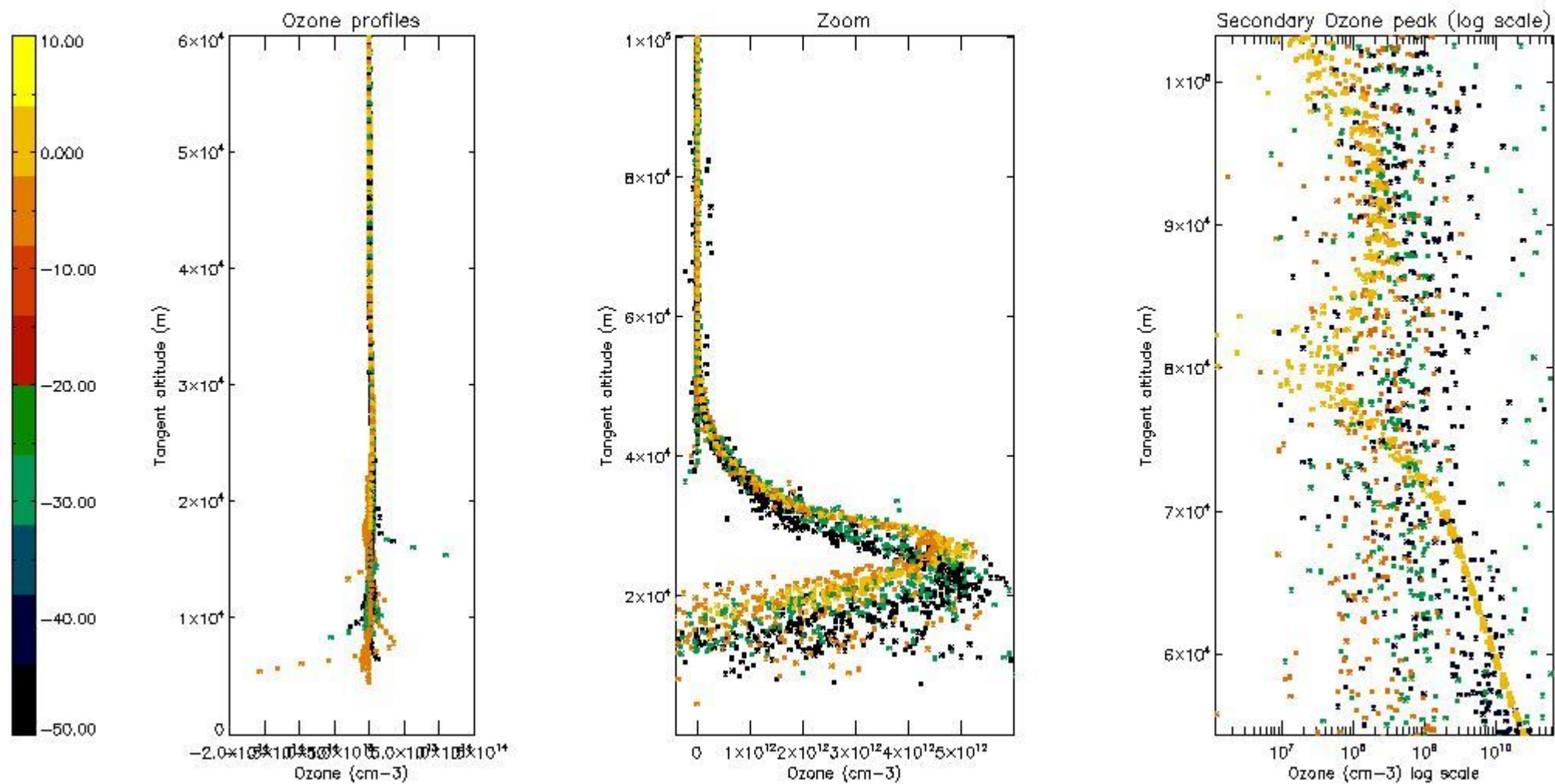
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	27
STD < 20	10

STD < 10	6
STD < 5	3

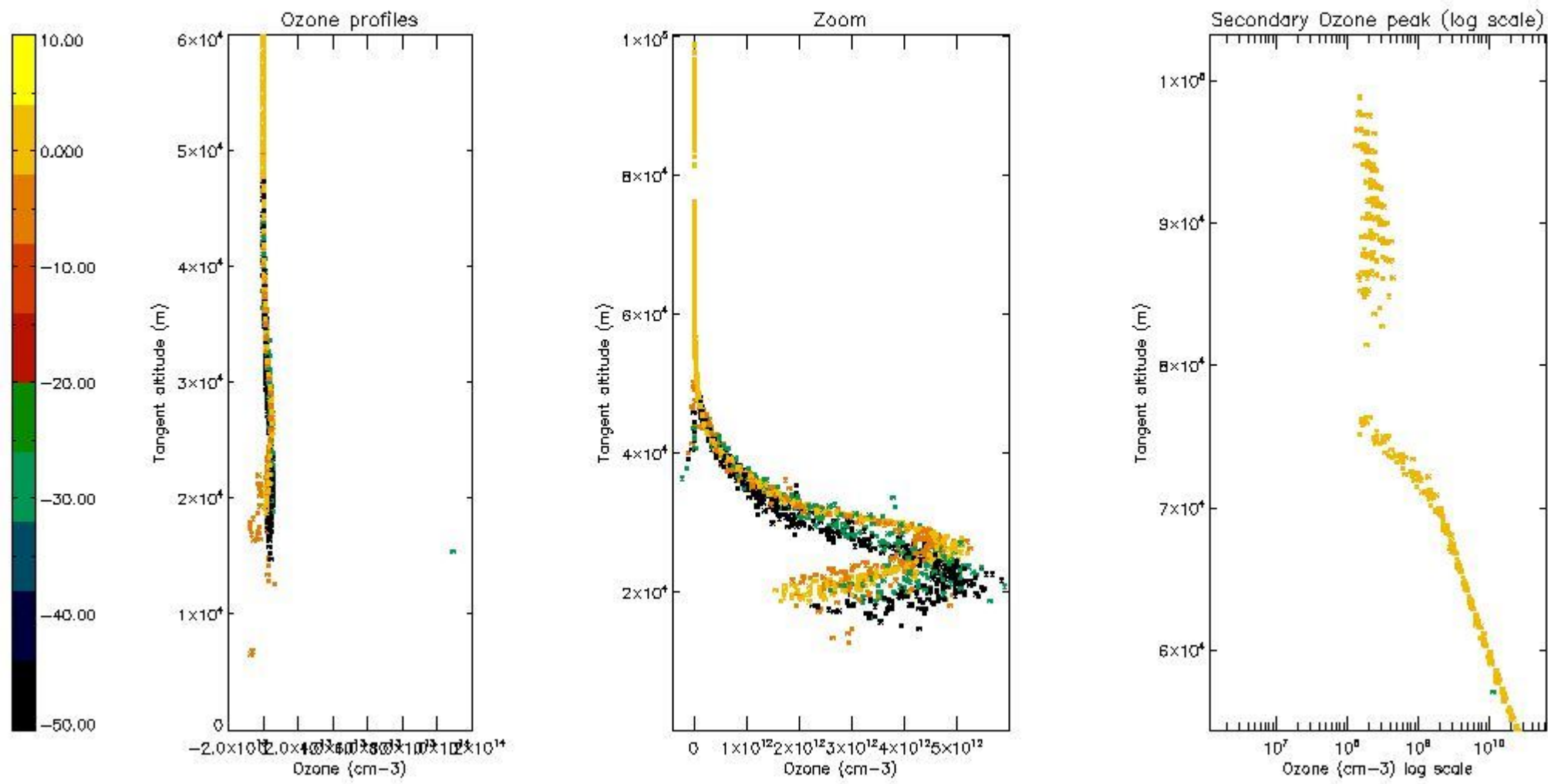
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



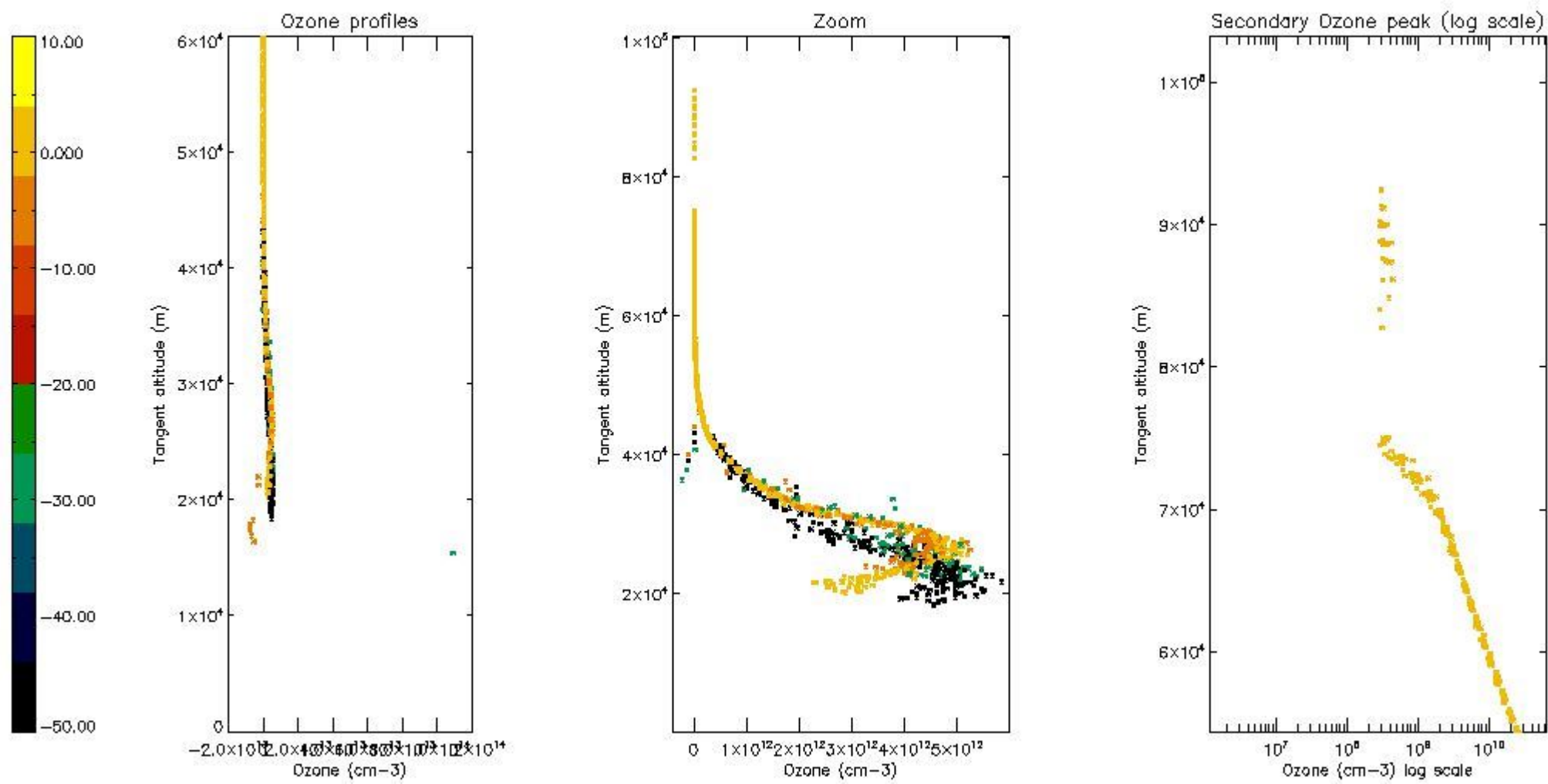
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



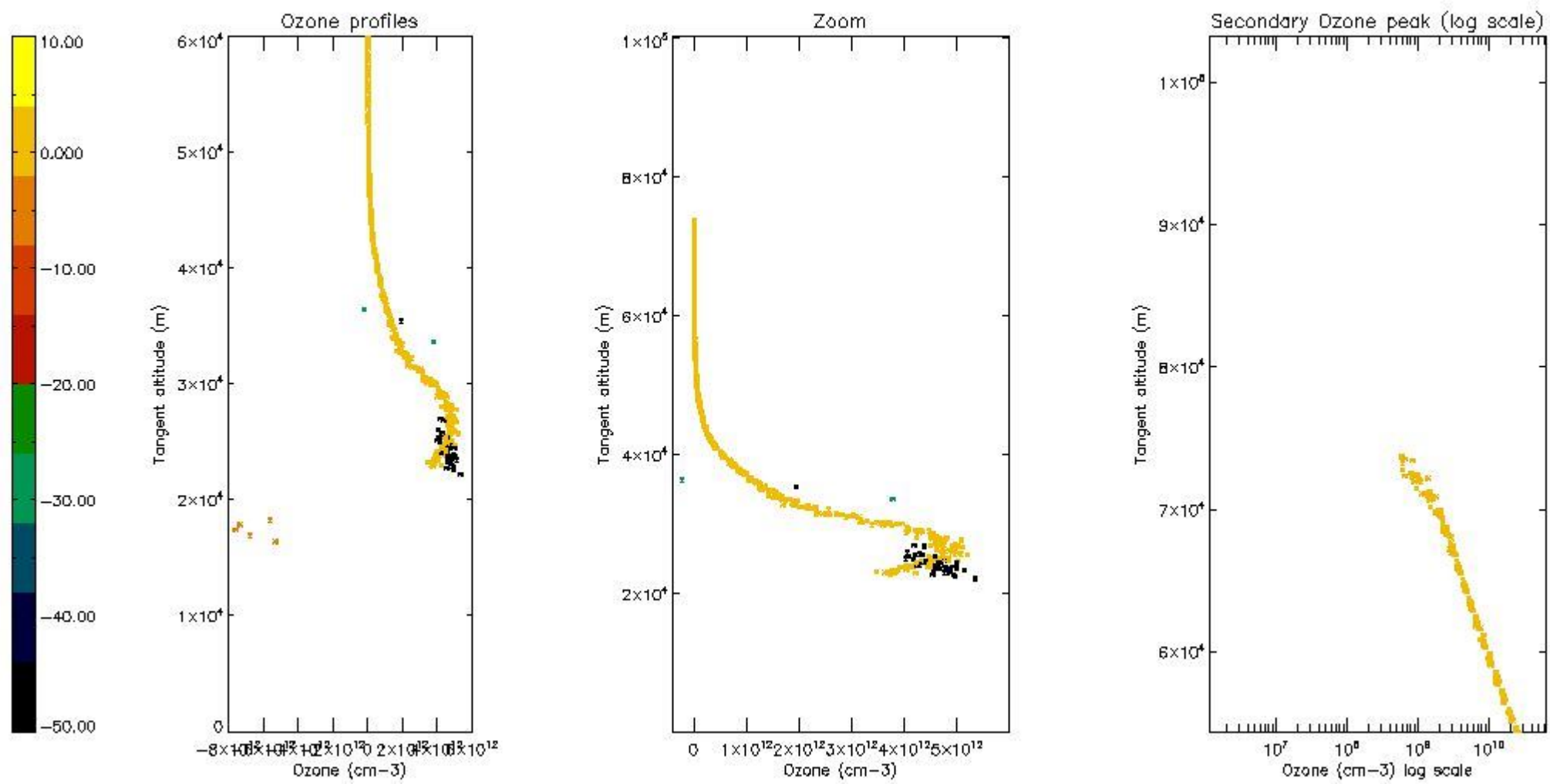
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



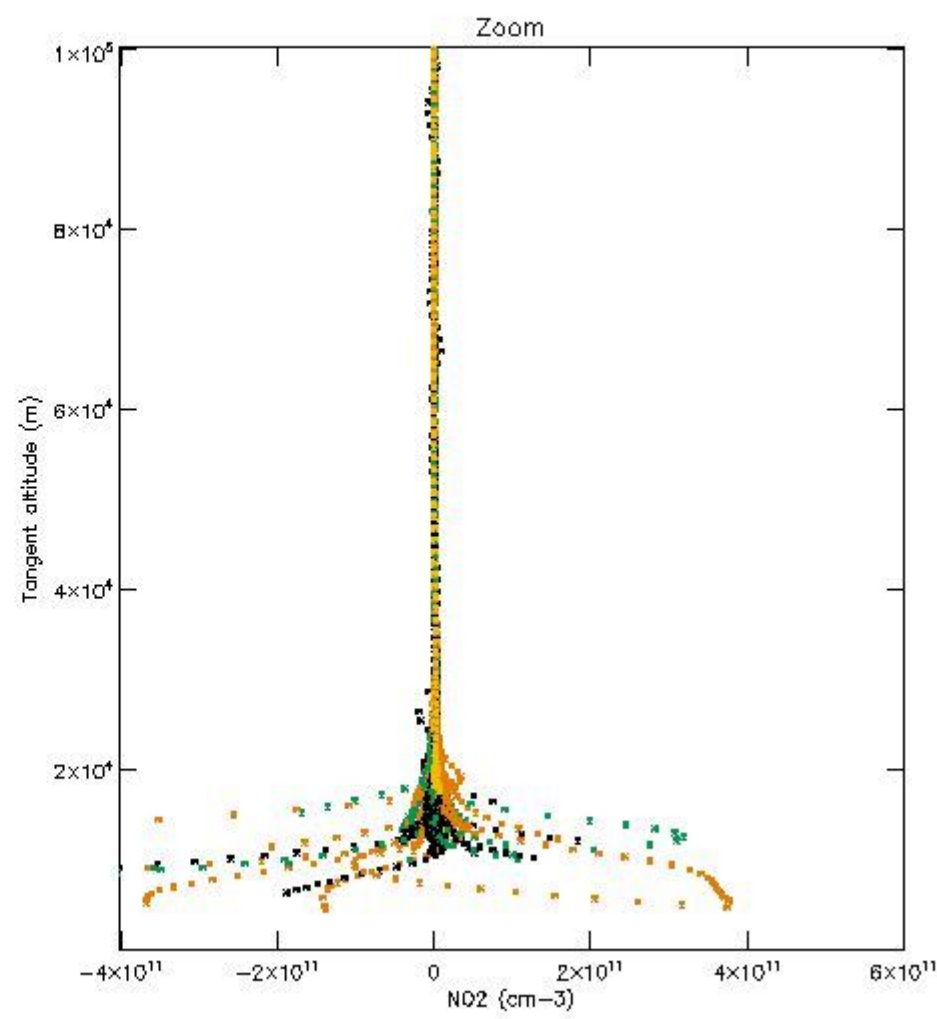
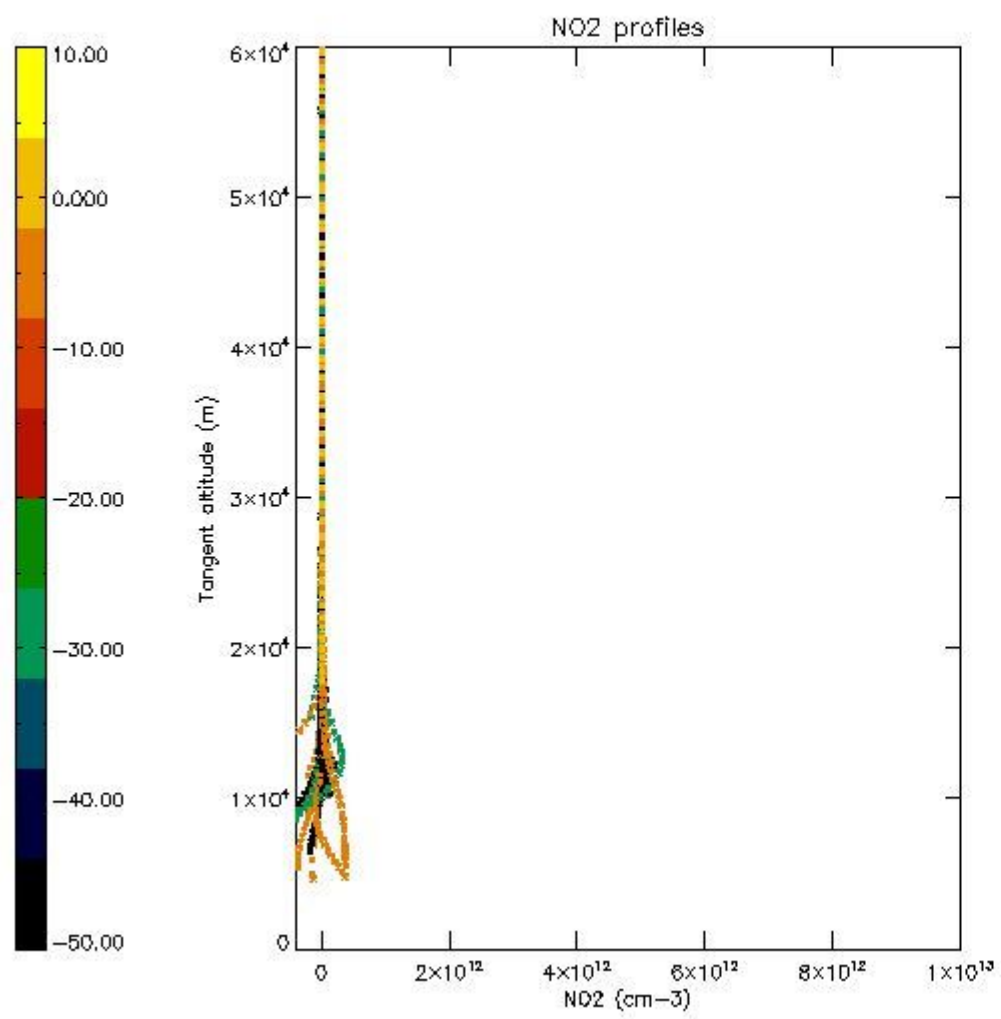
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



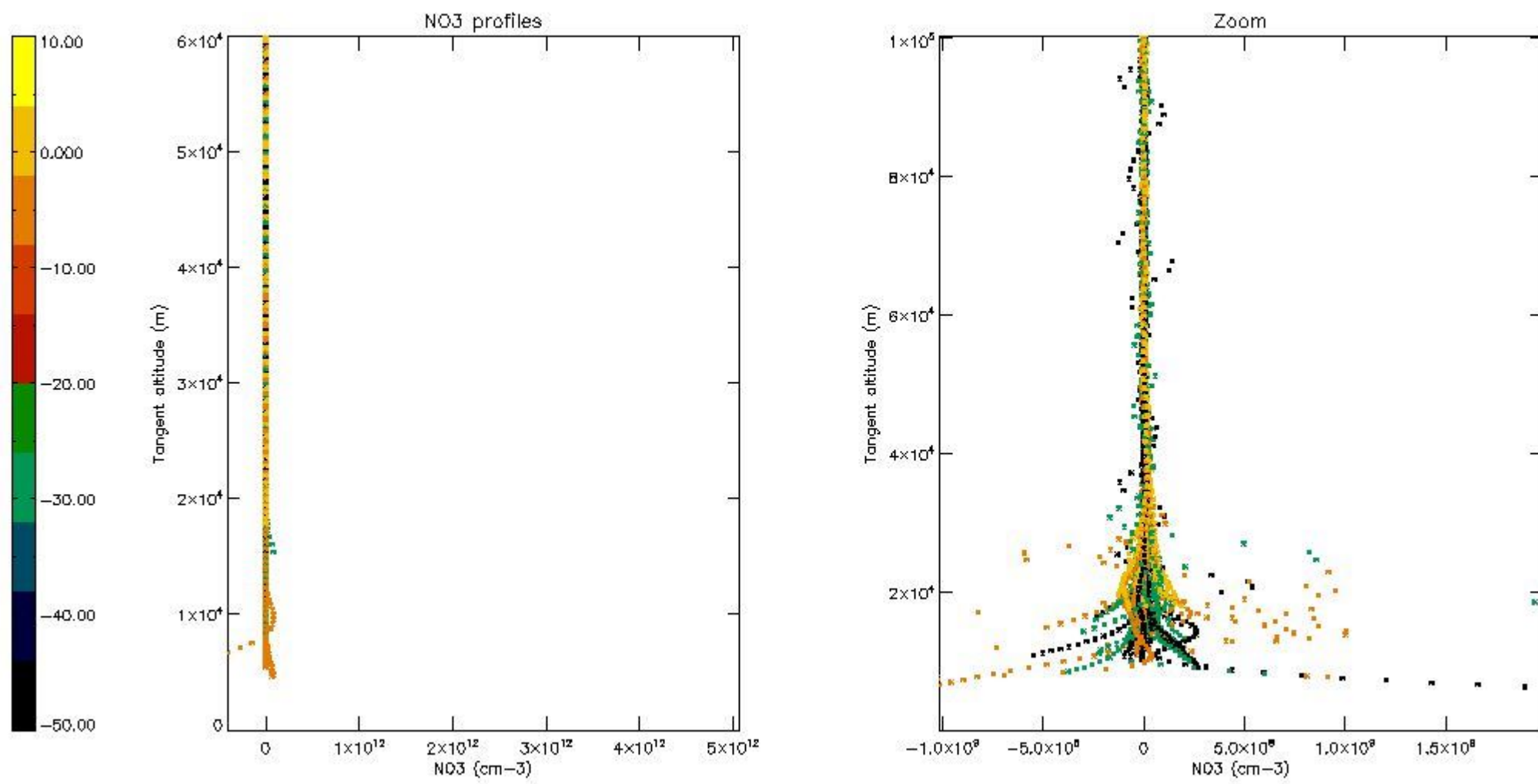
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



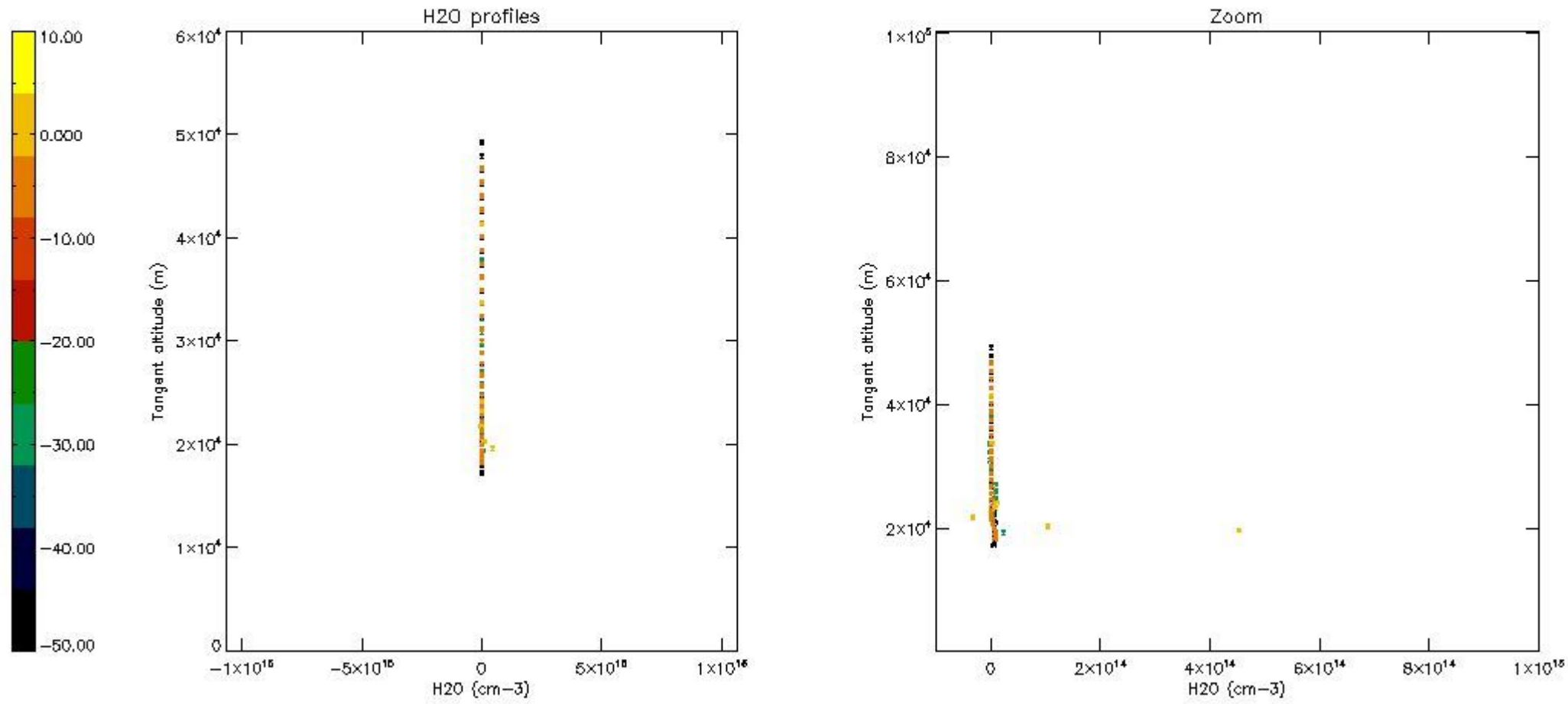
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

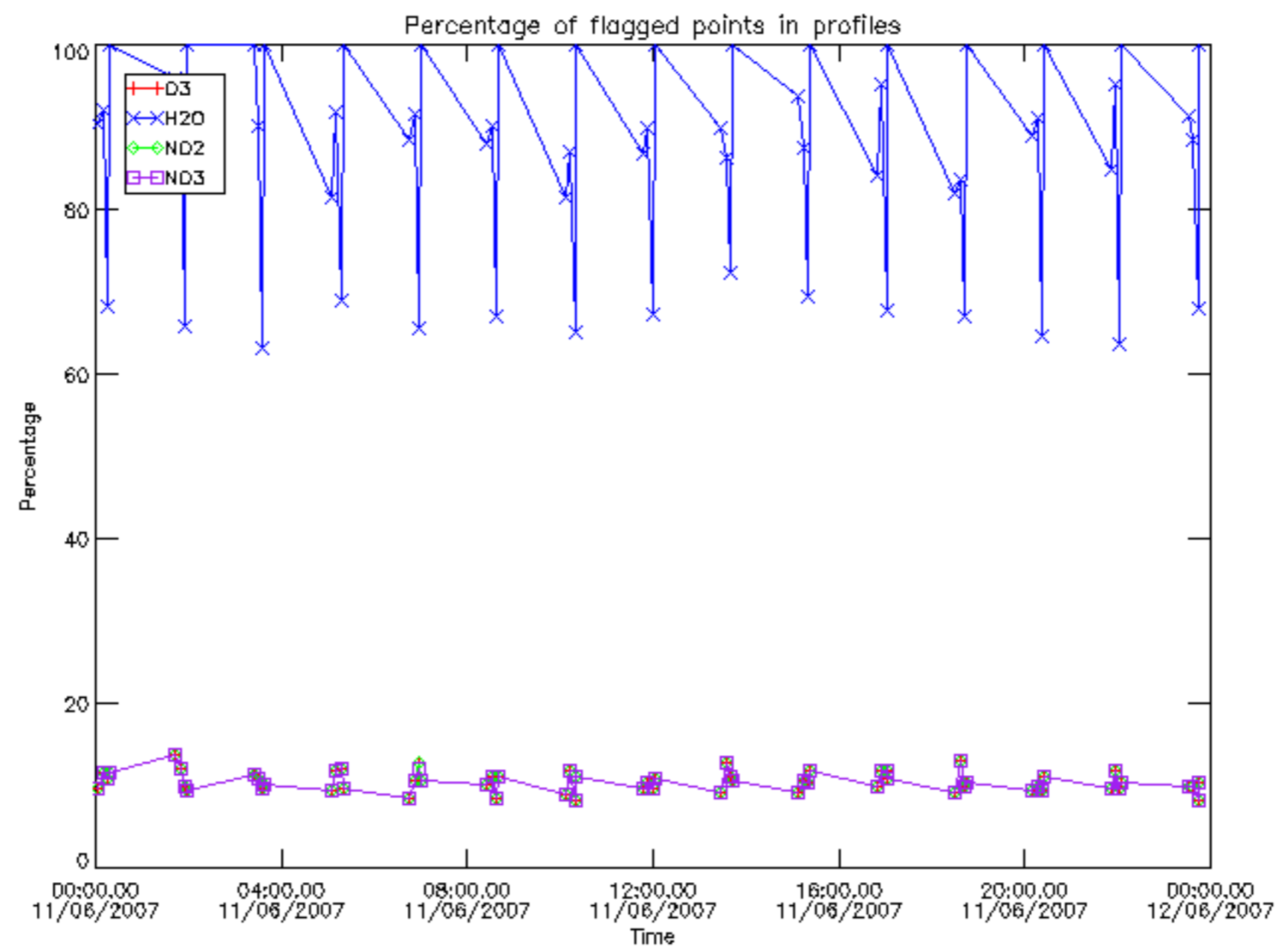
The colorbar represents the latitude.



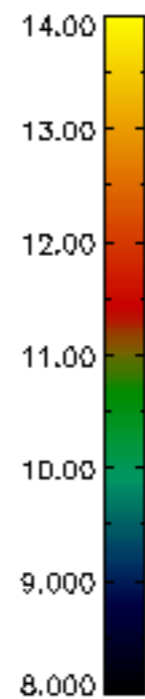
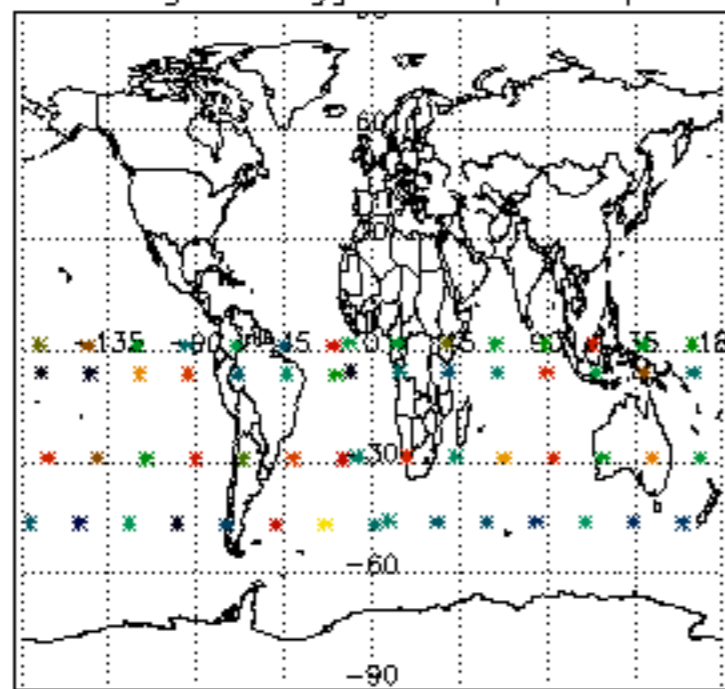
6. Auxiliary Data Files used for the production reported in section 2

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.

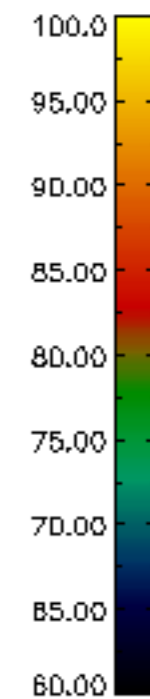
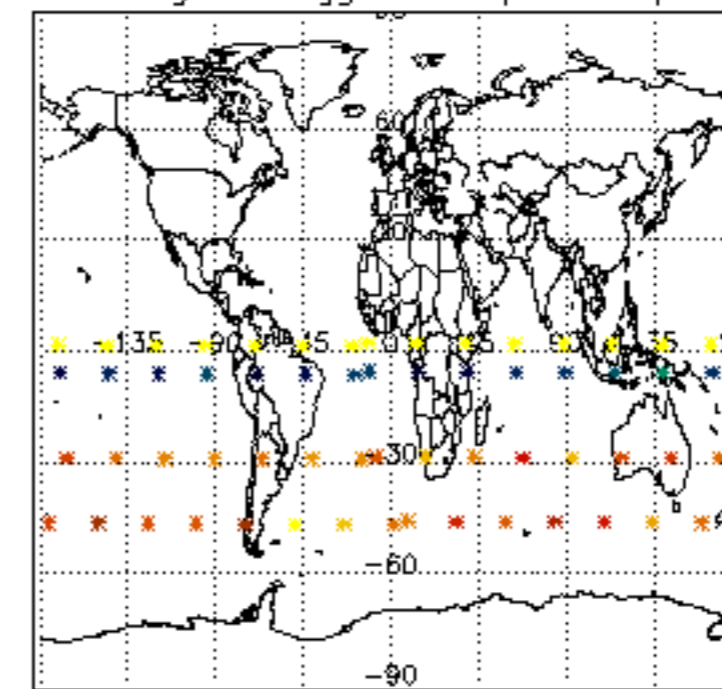
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	11-JUN-2007 00:02:44
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	11-JUN-2007 00:02:44
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	11-JUN-2007 00:02:44



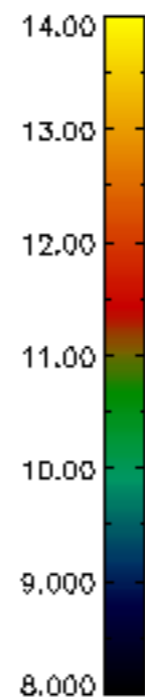
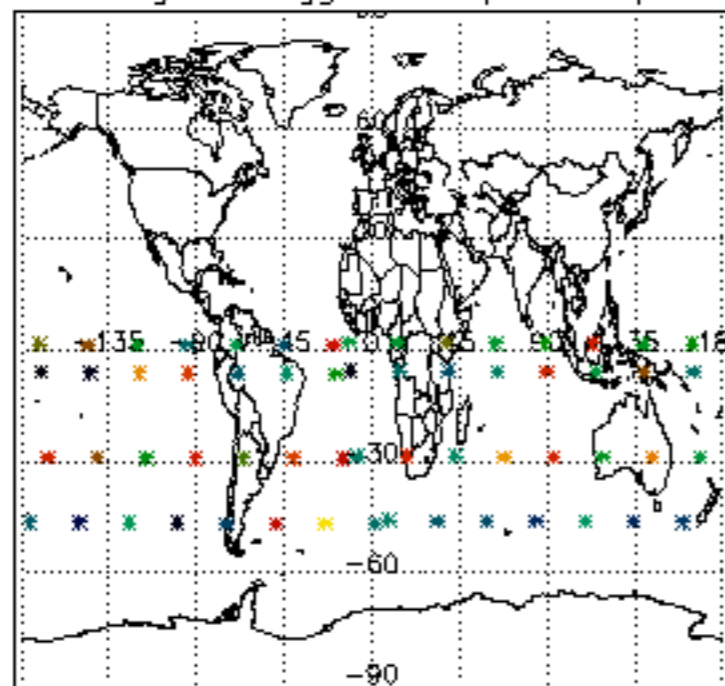
Percentage of flagged data per D3 profile



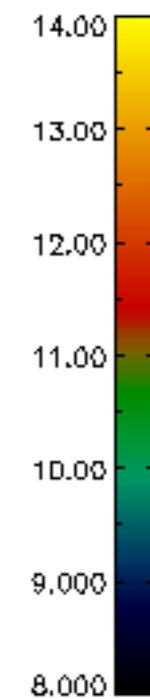
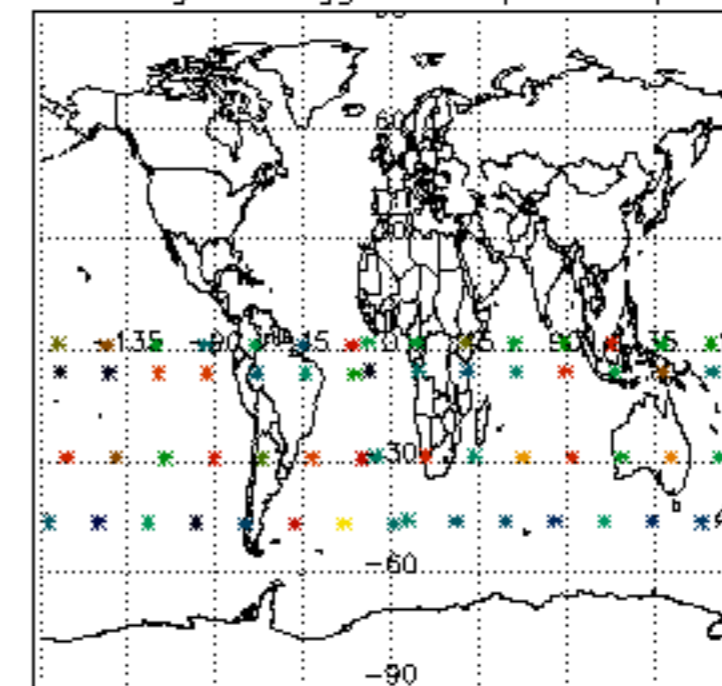
Percentage of flagged data per H2O profile

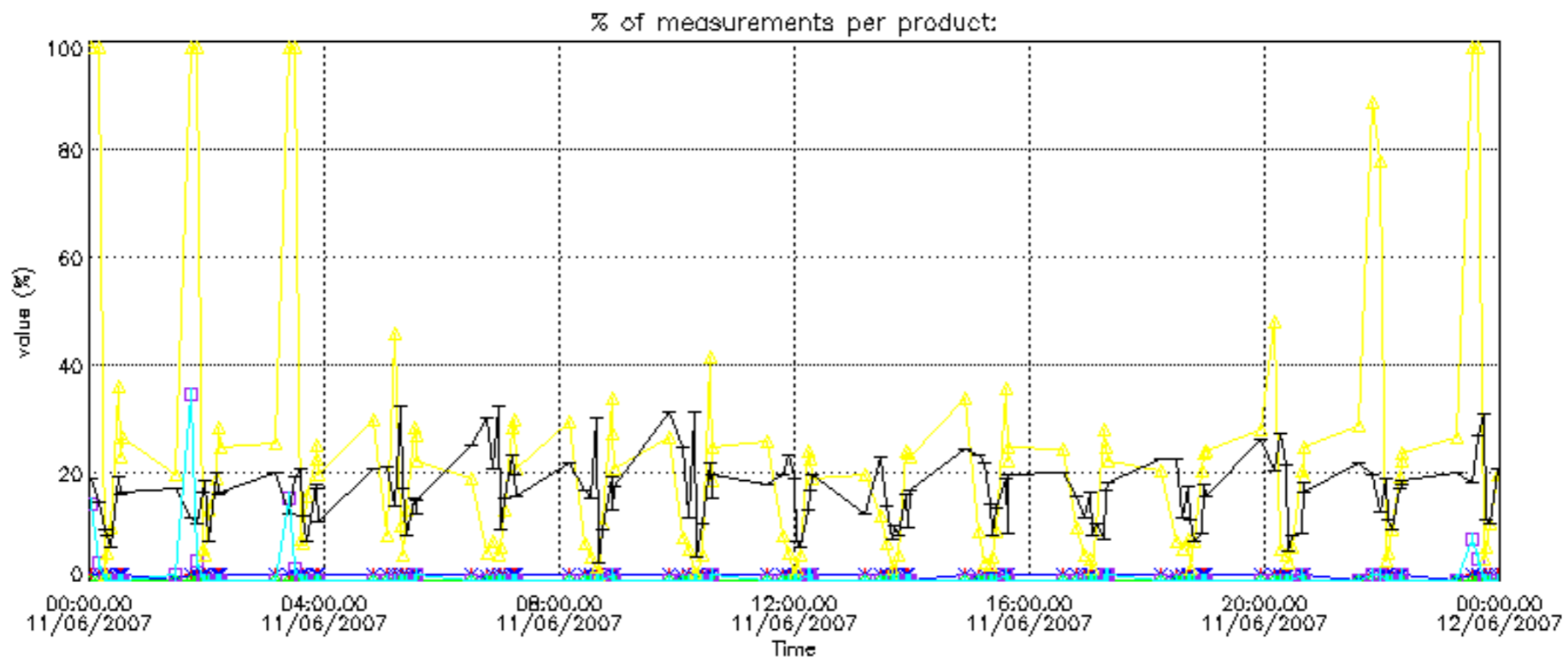


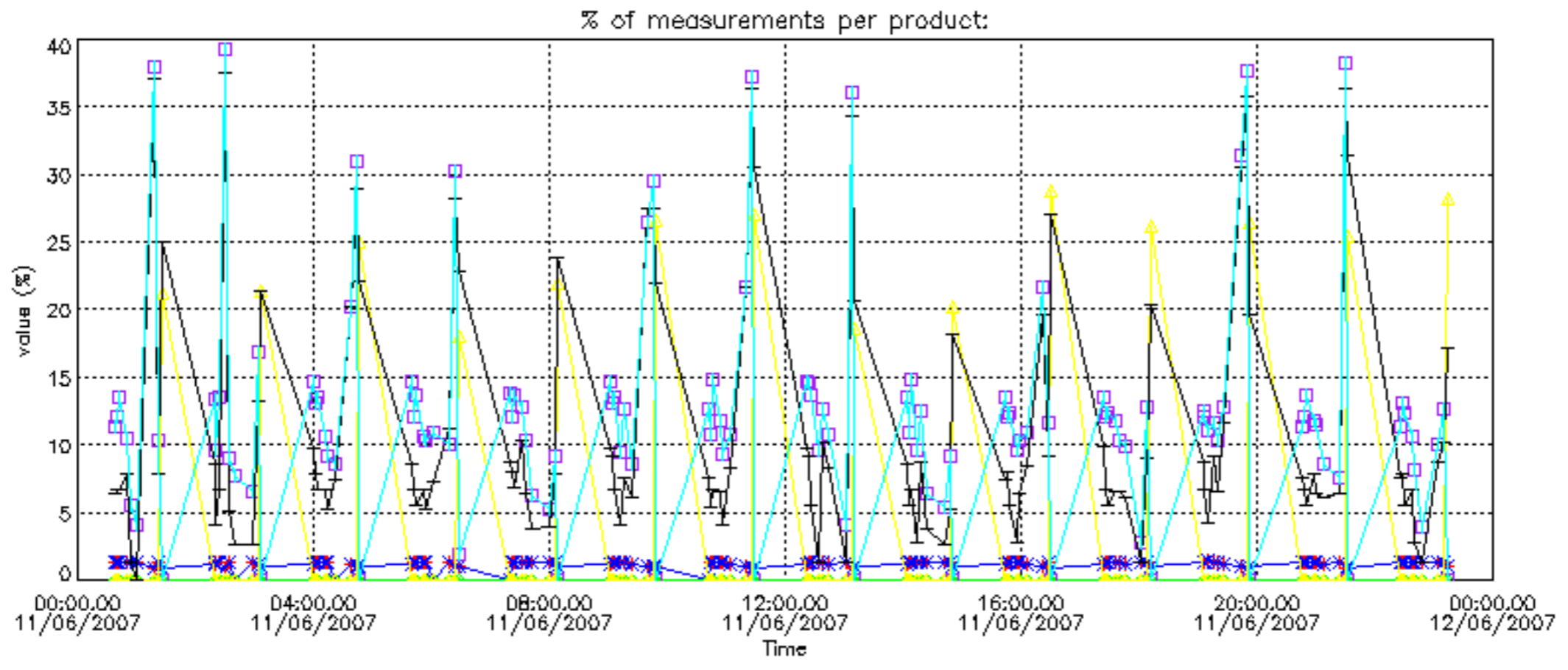
Percentage of flagged data per NO2 profile



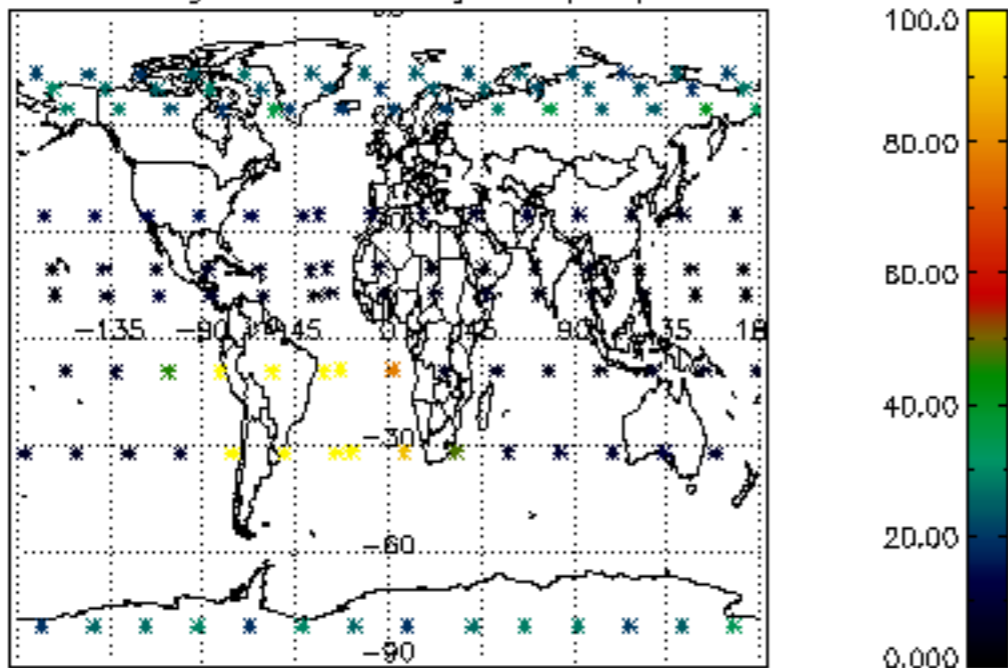
Percentage of flagged data per NO3 profile



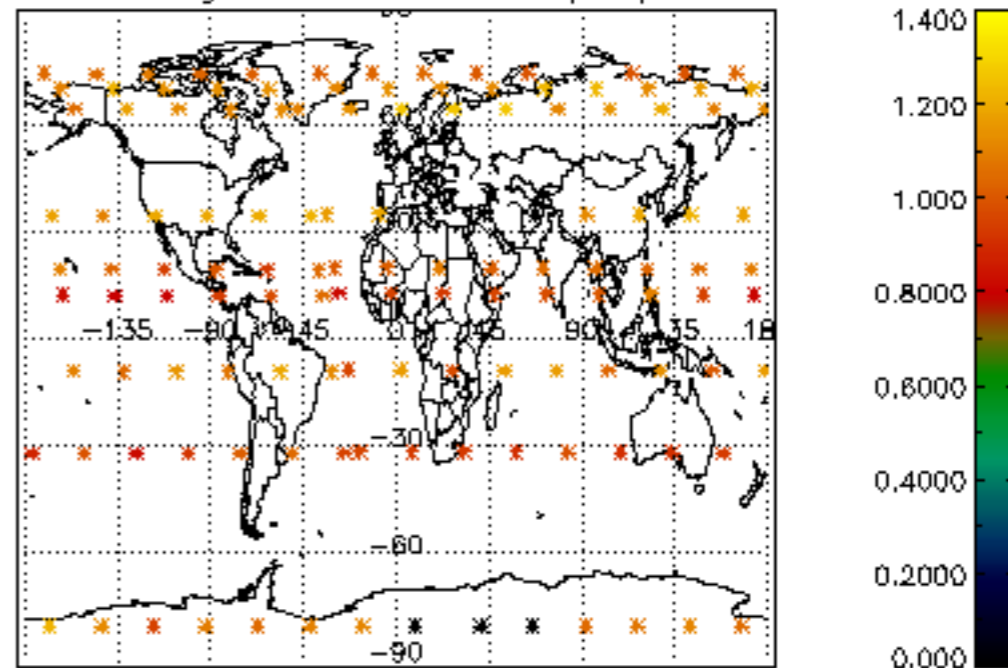




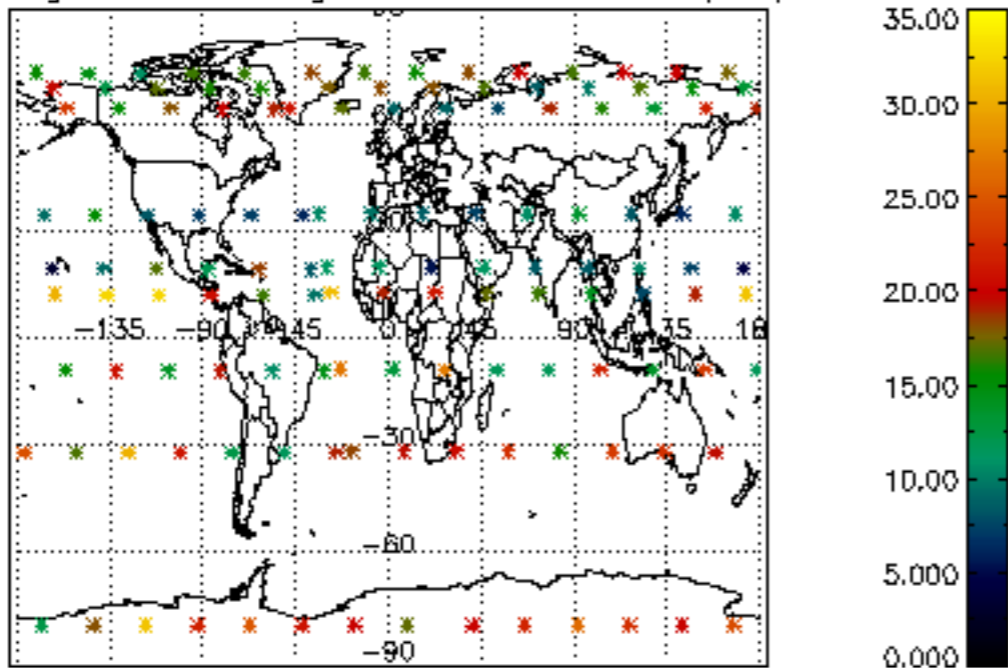
Percentage of cosmic ray hits per profile



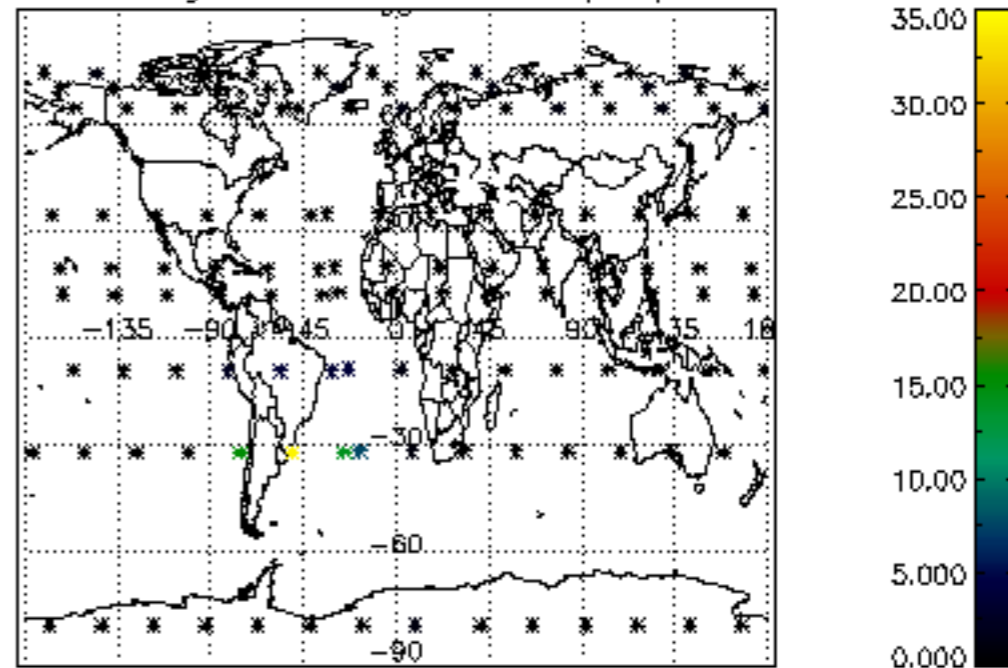
Percentage of datation errors per profile



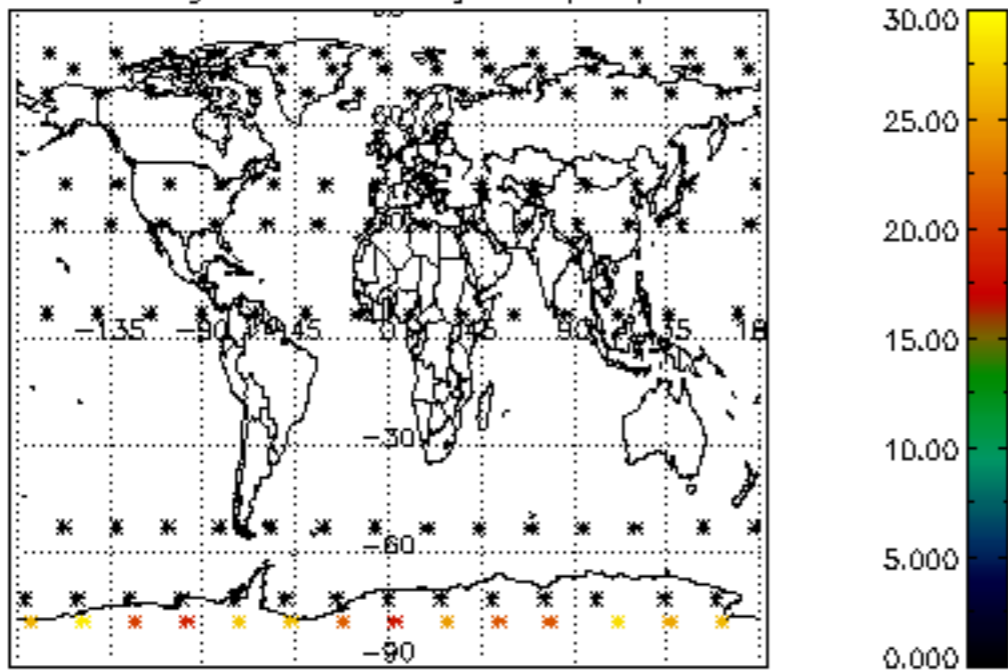
Percentage of star falling outside central band per profile



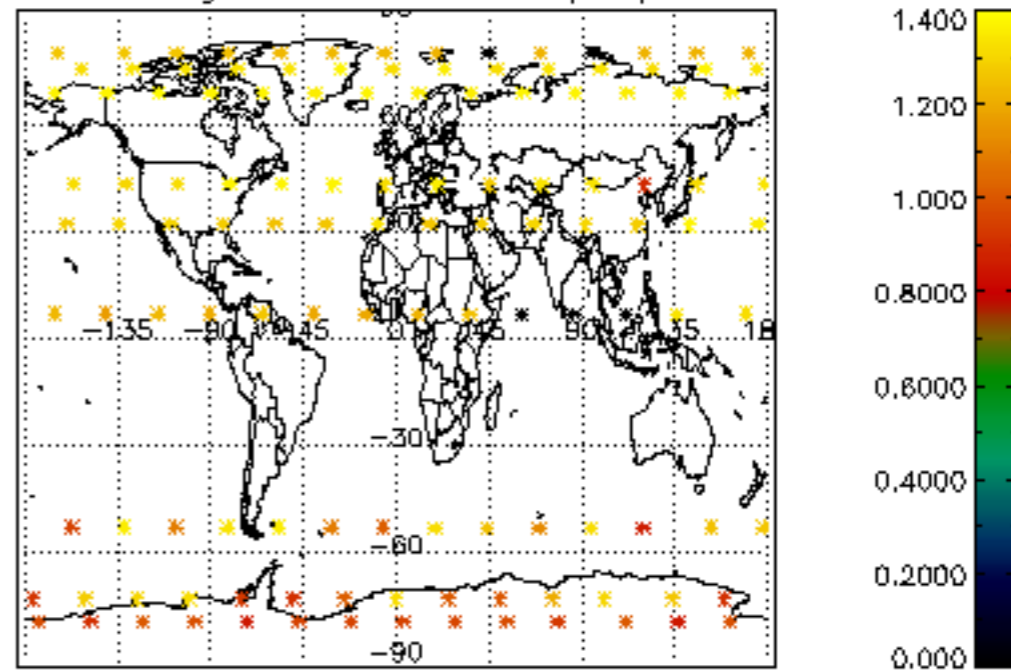
Percentage of saturation errors per profile



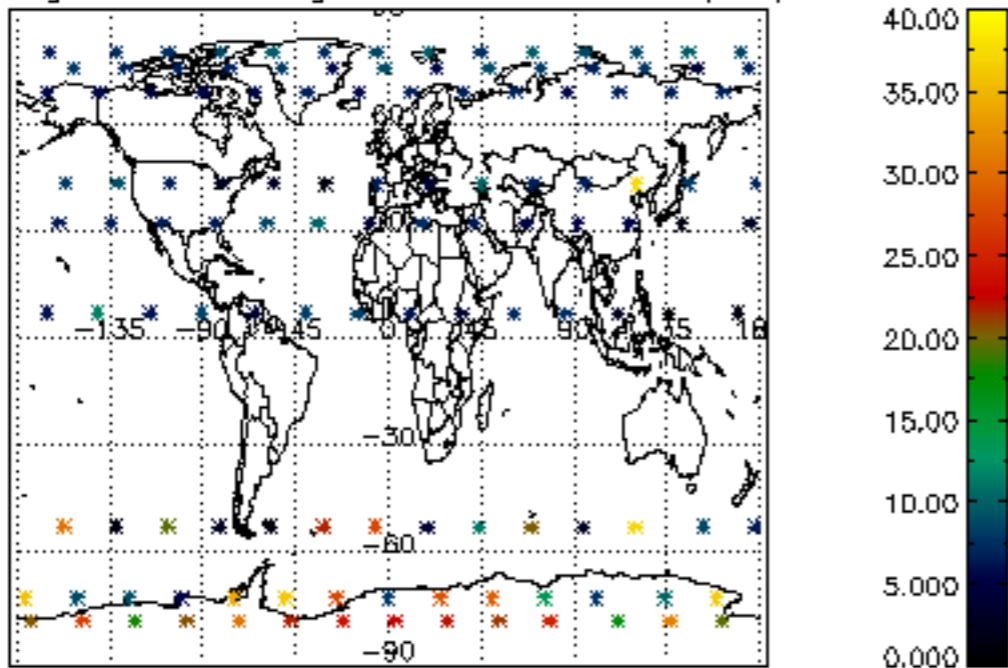
Percentage of cosmic ray hits per profile



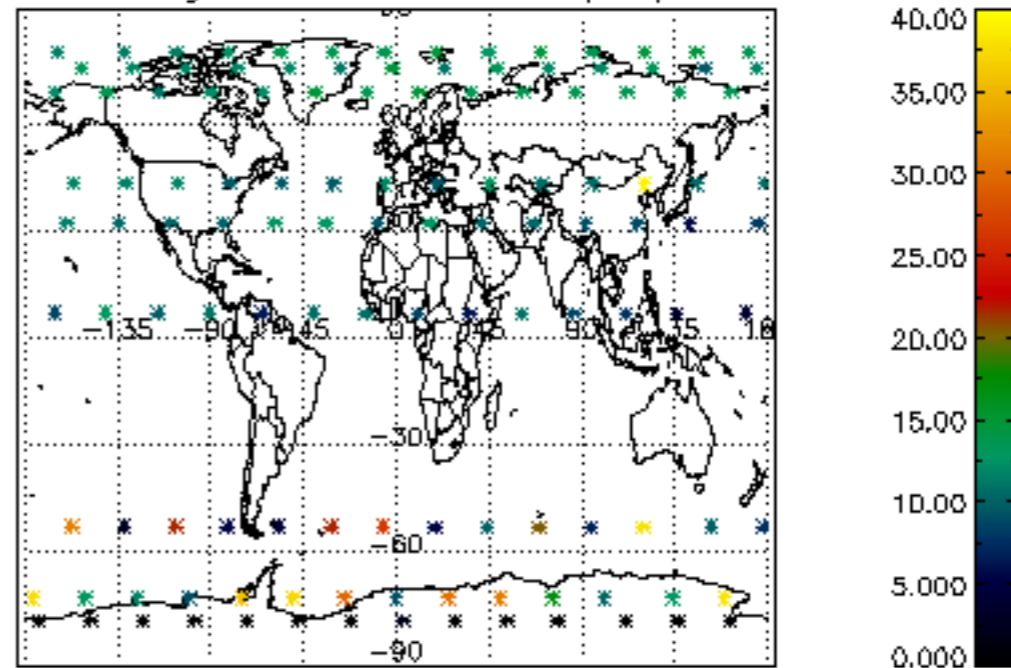
Percentage of datation errors per profile

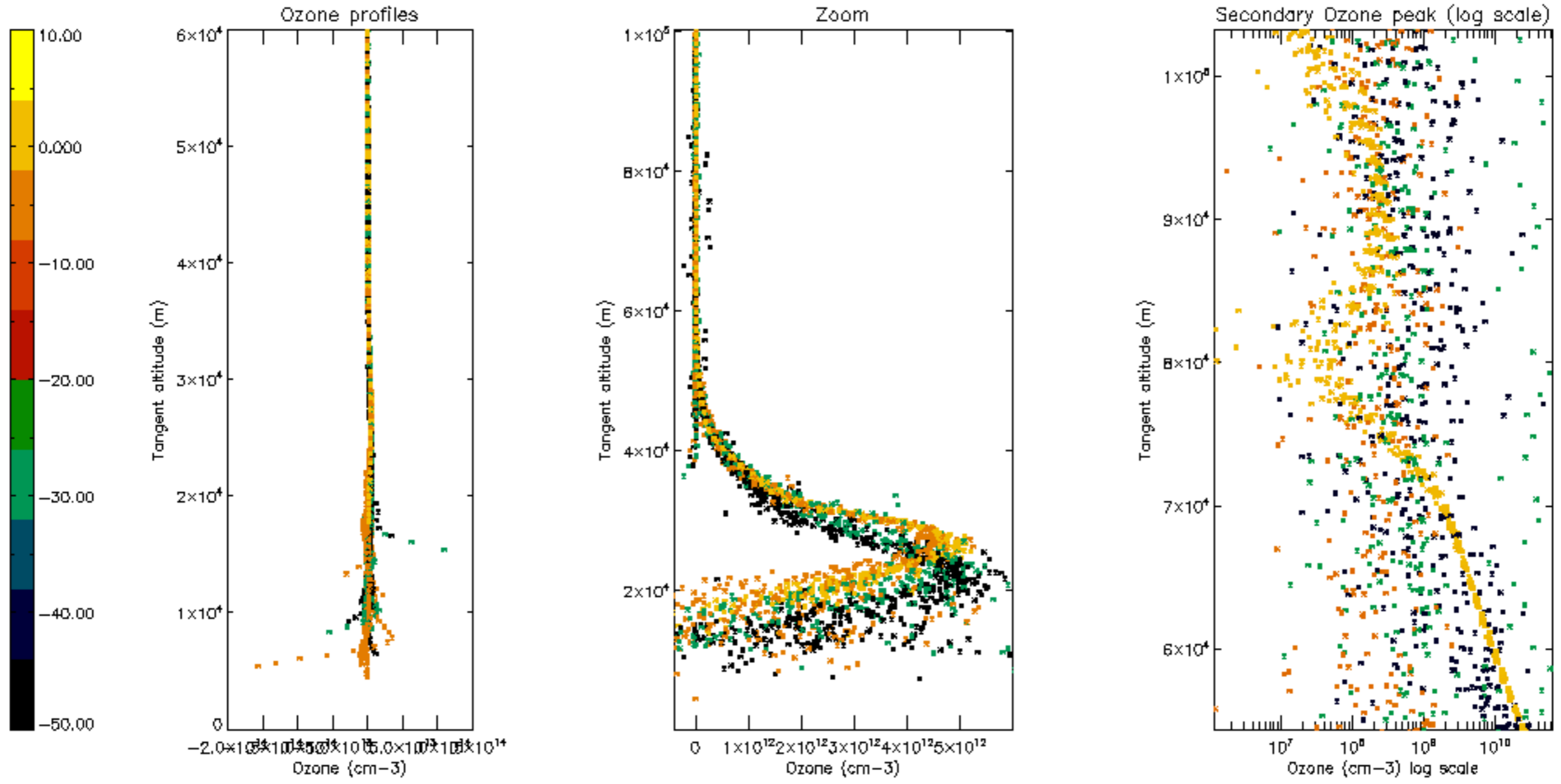


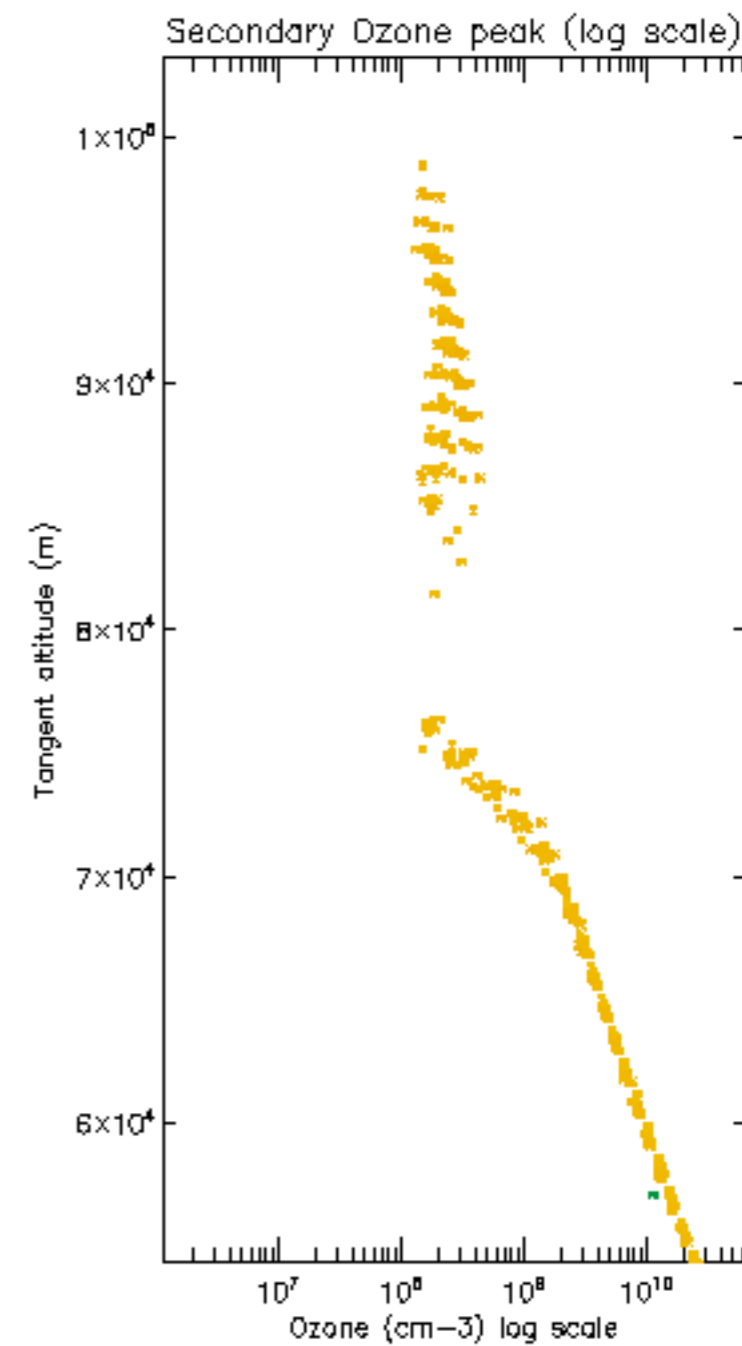
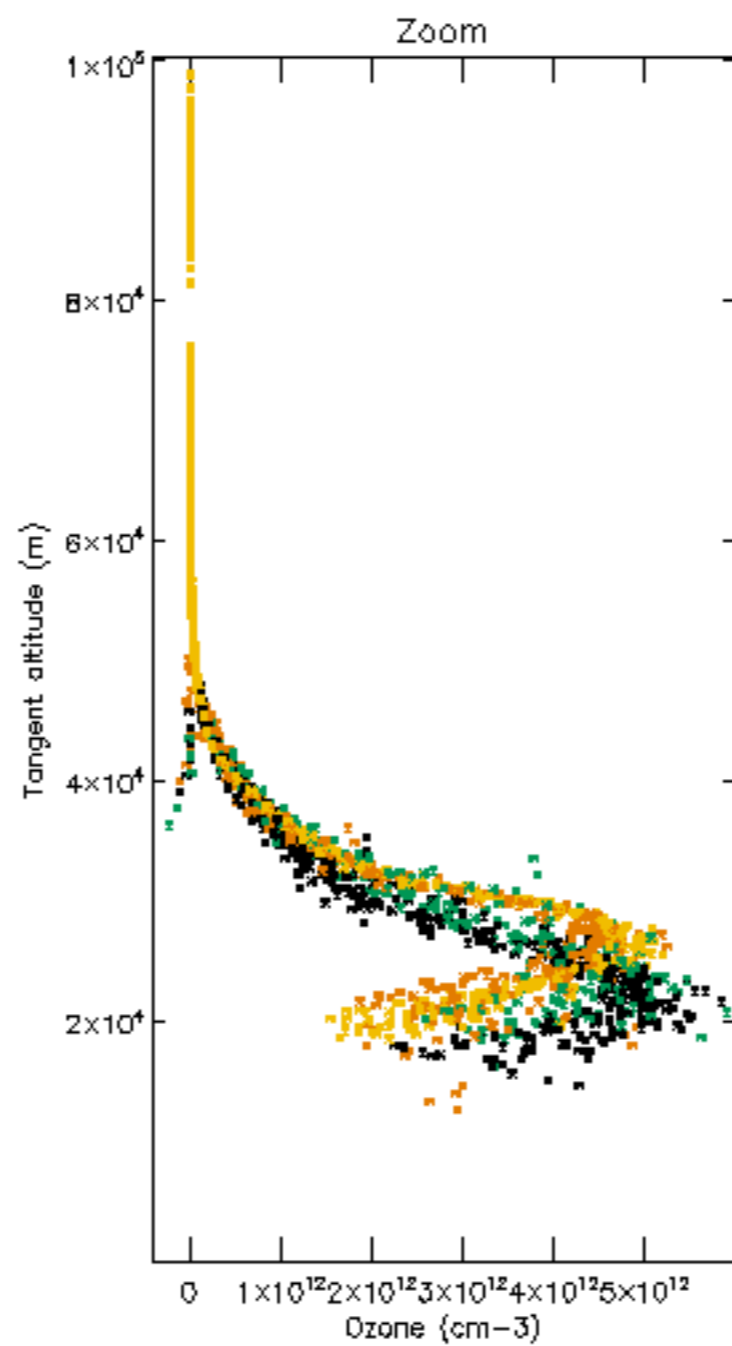
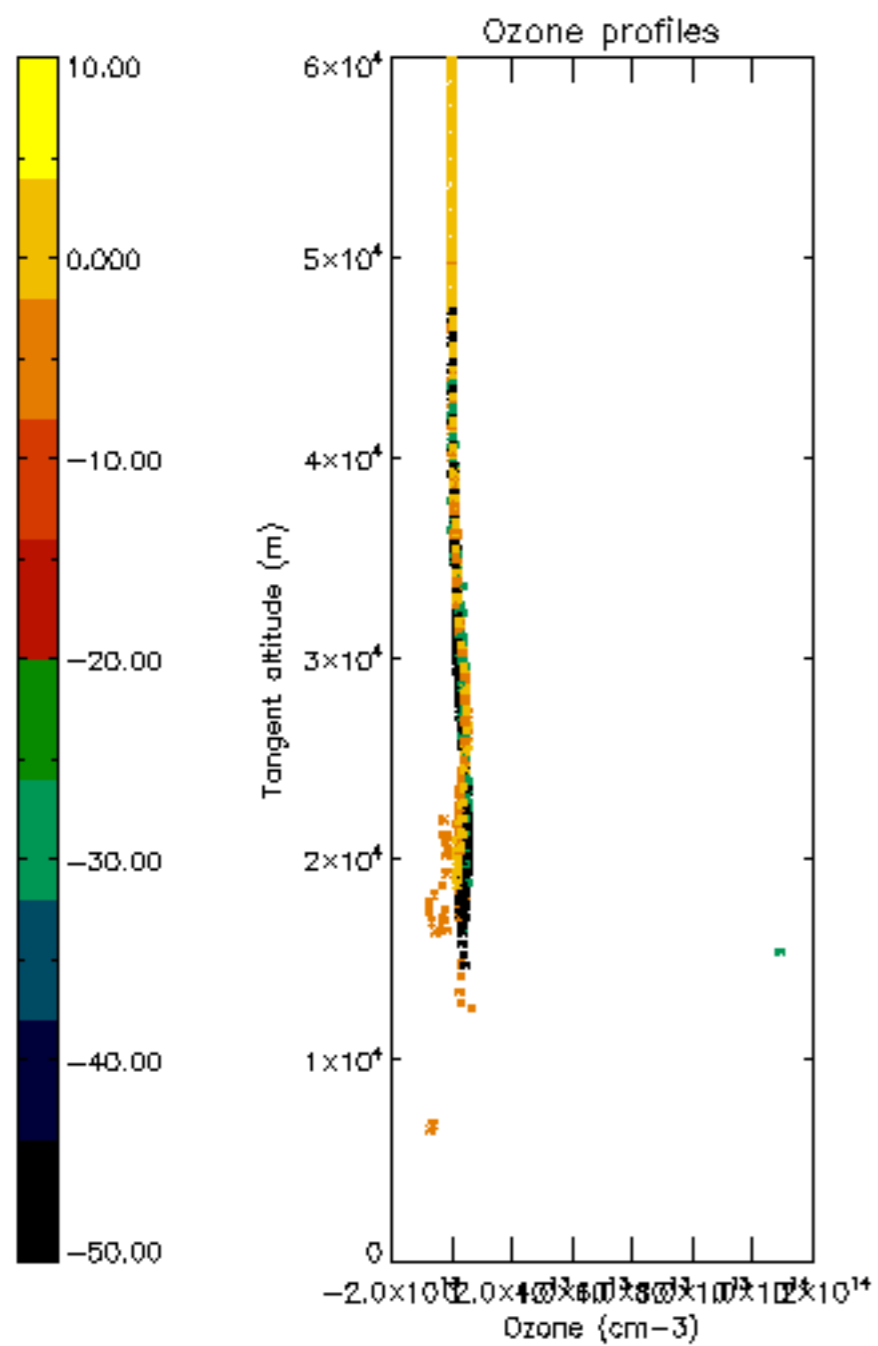
Percentage of star falling outside central band per profile

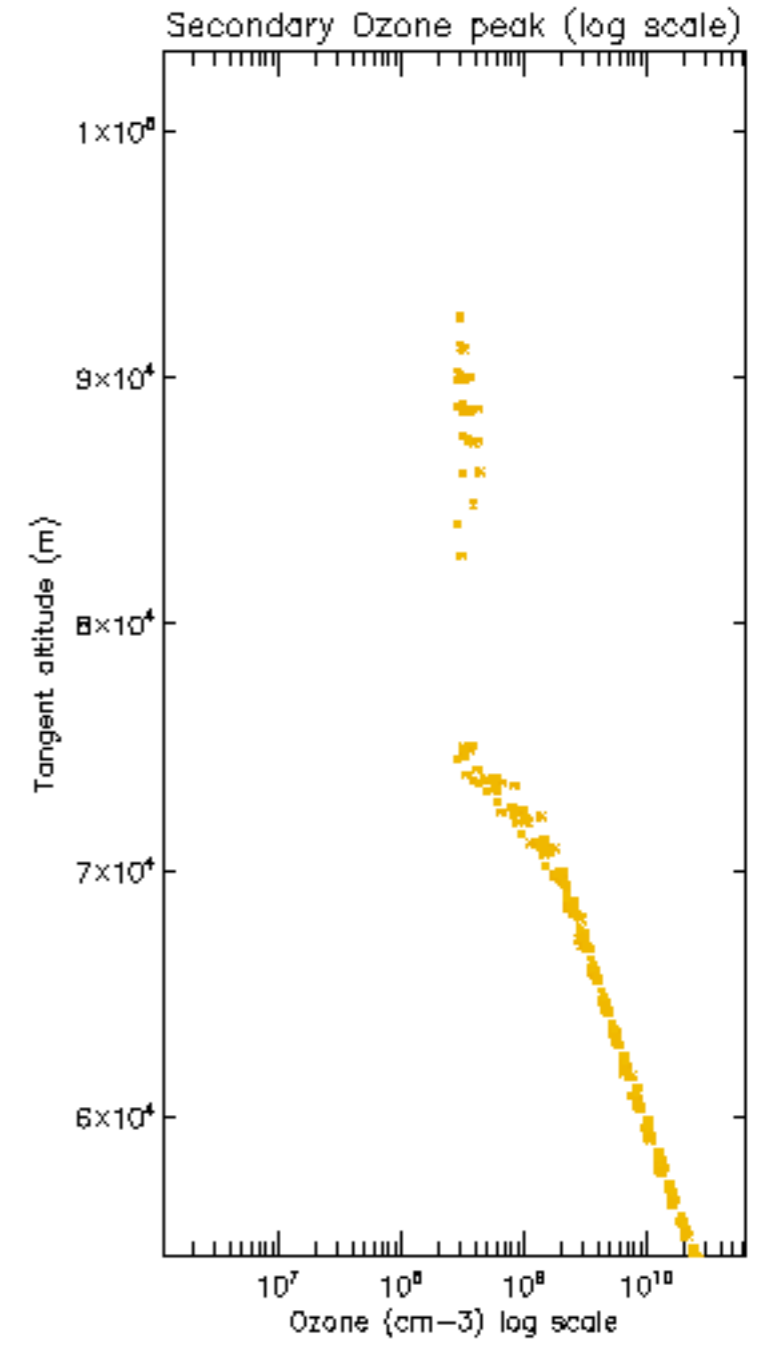
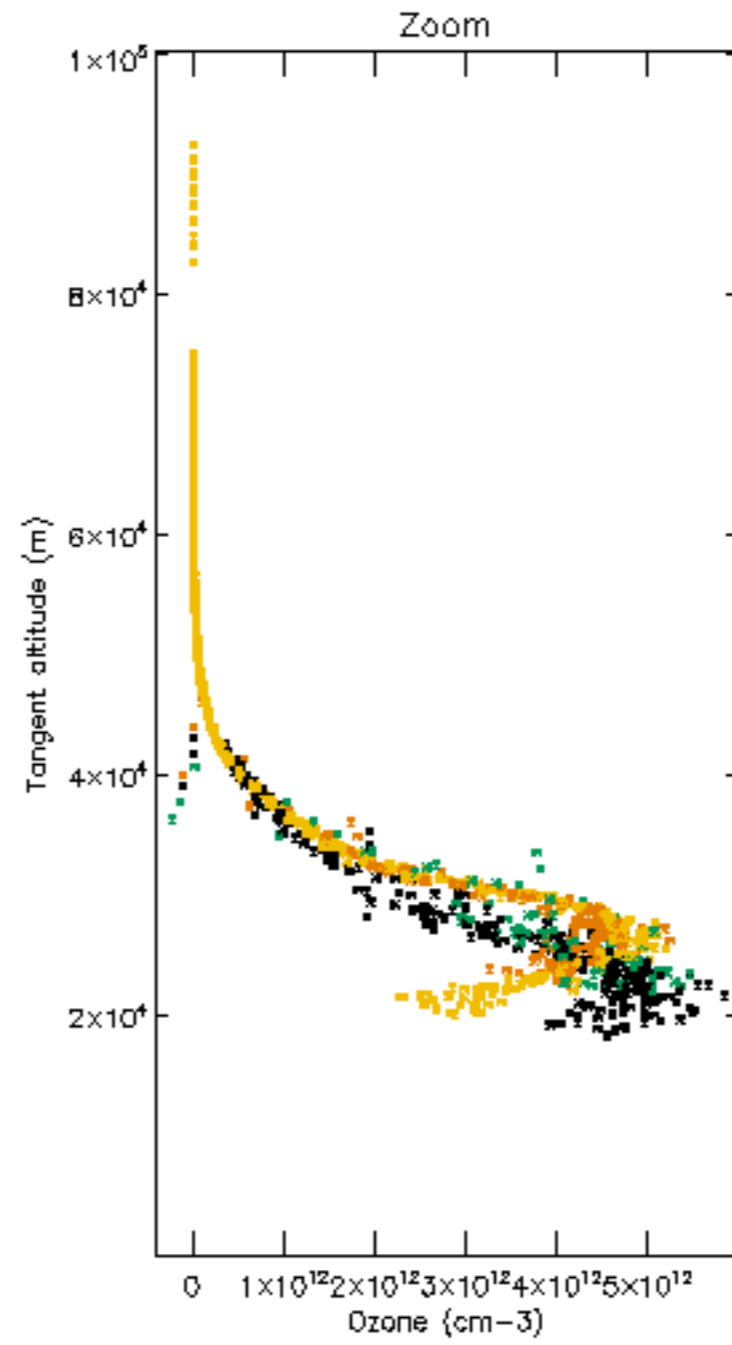
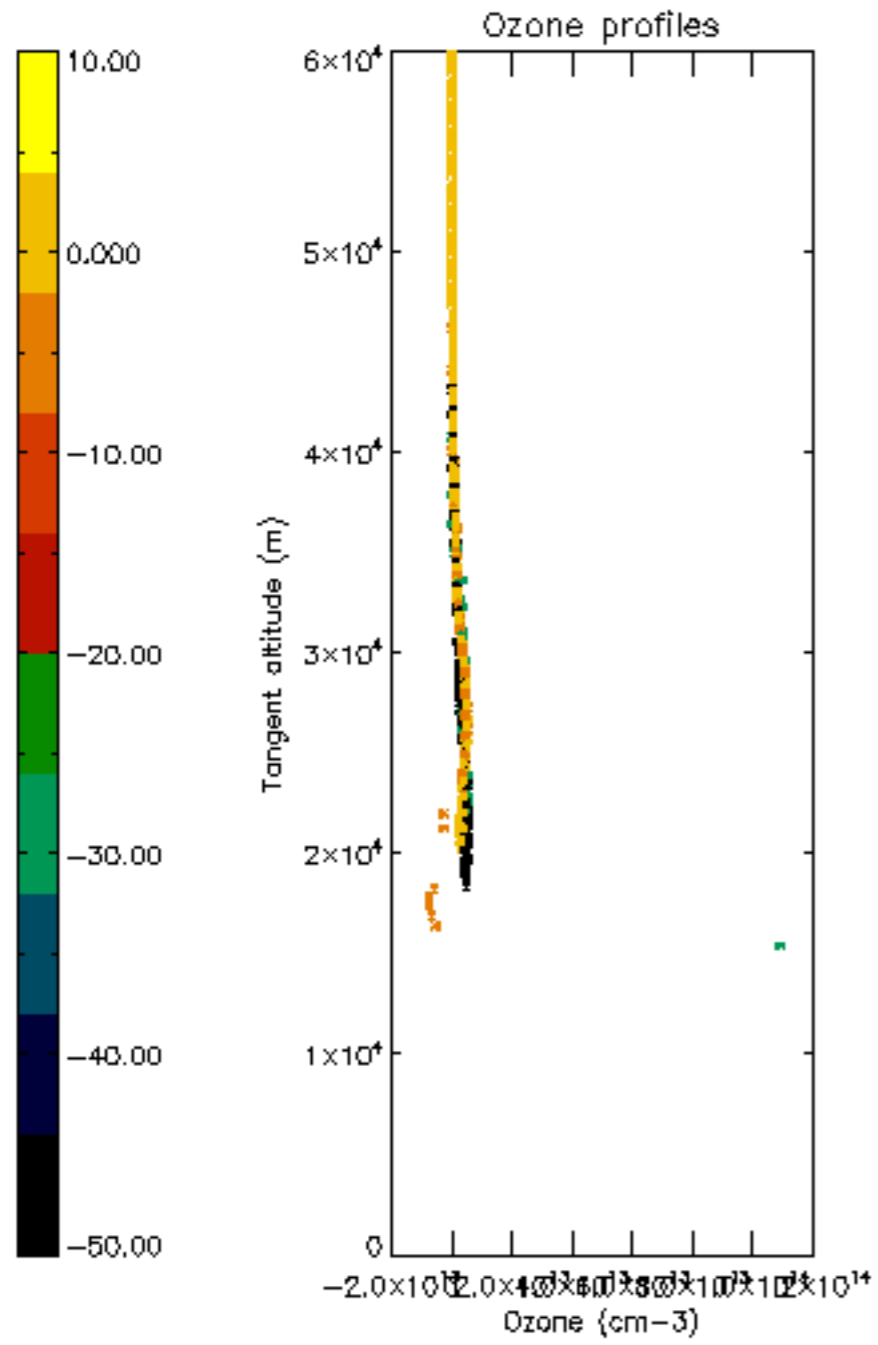


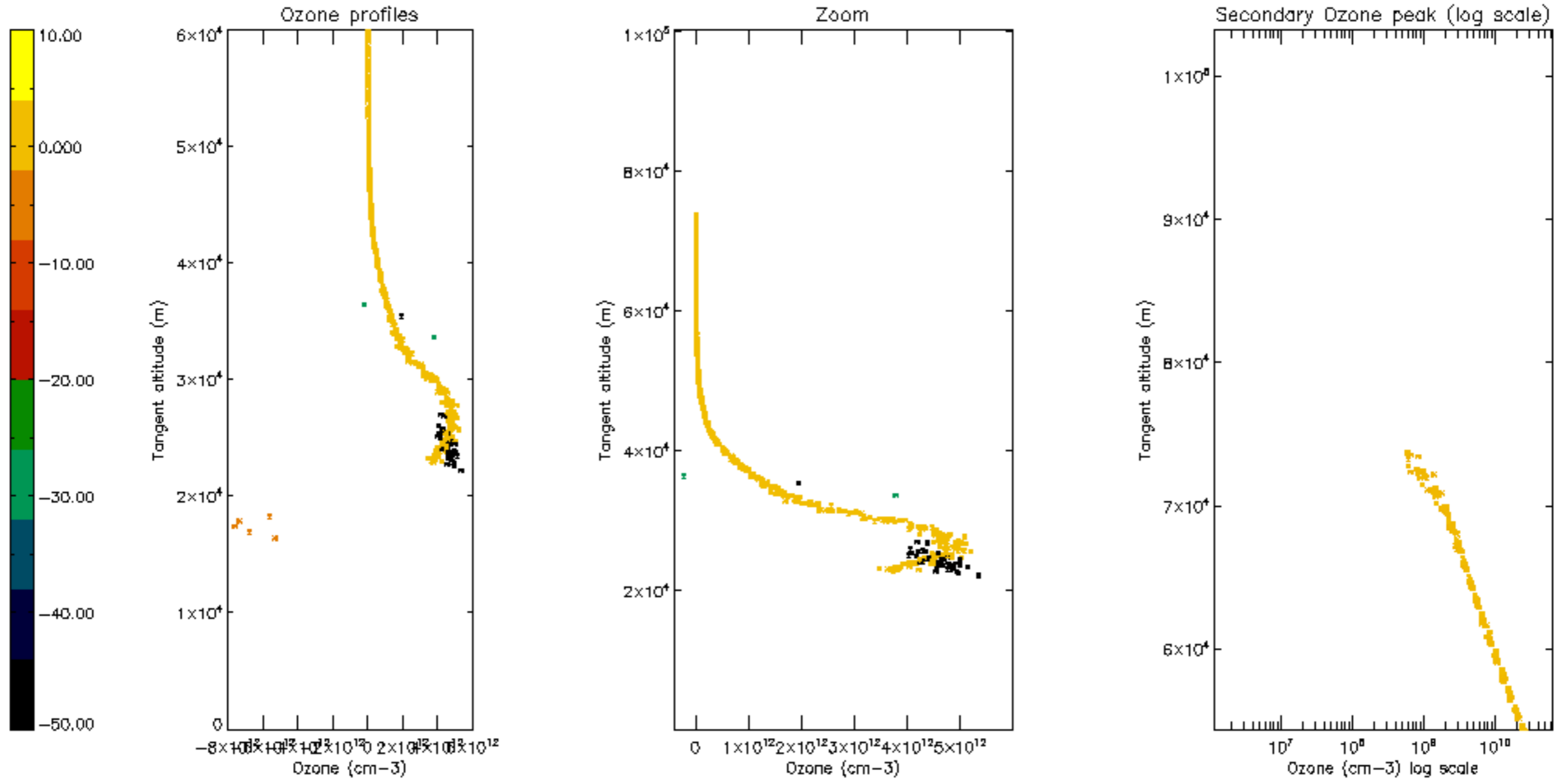
Percentage of saturation errors per profile

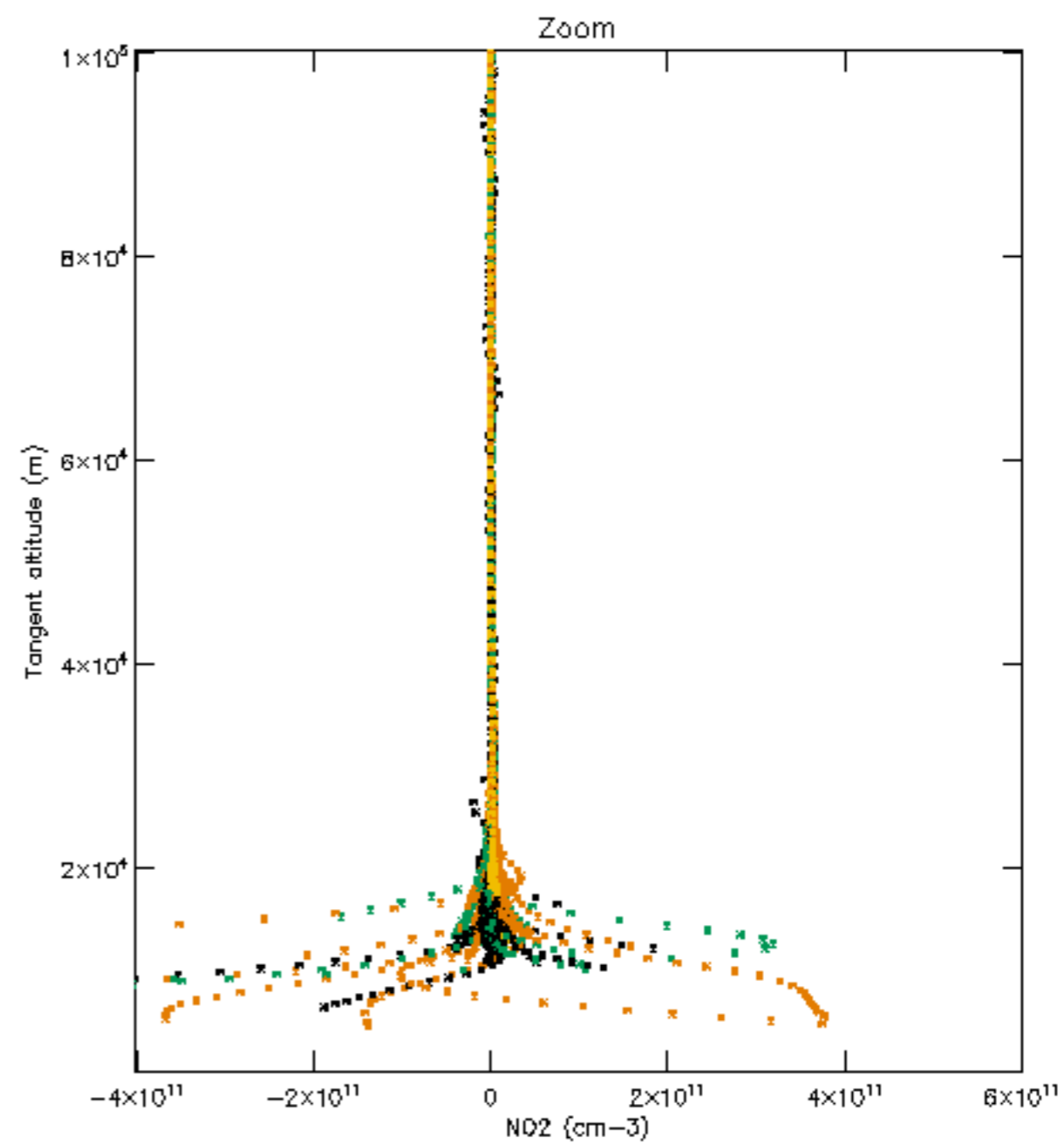
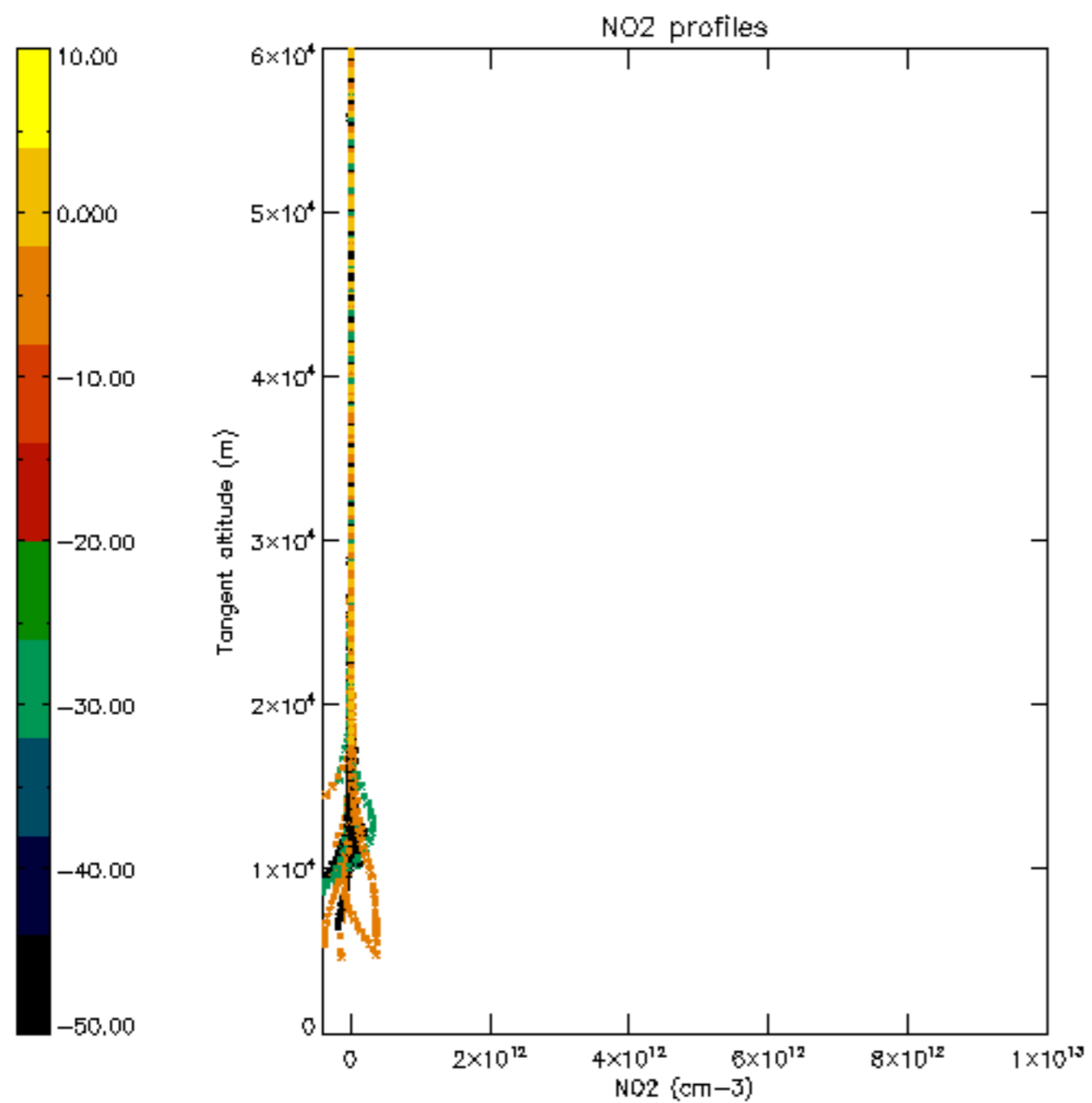


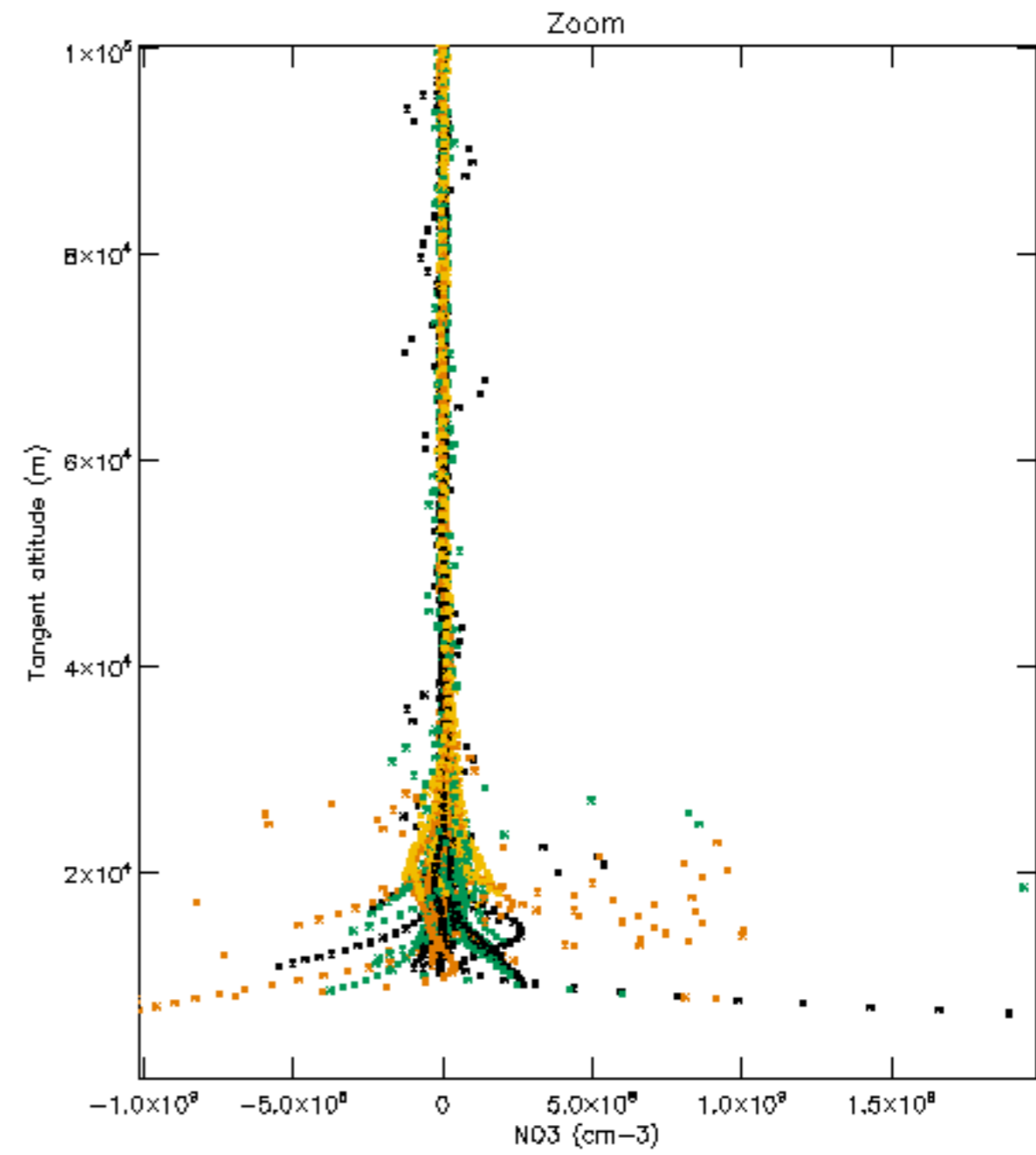
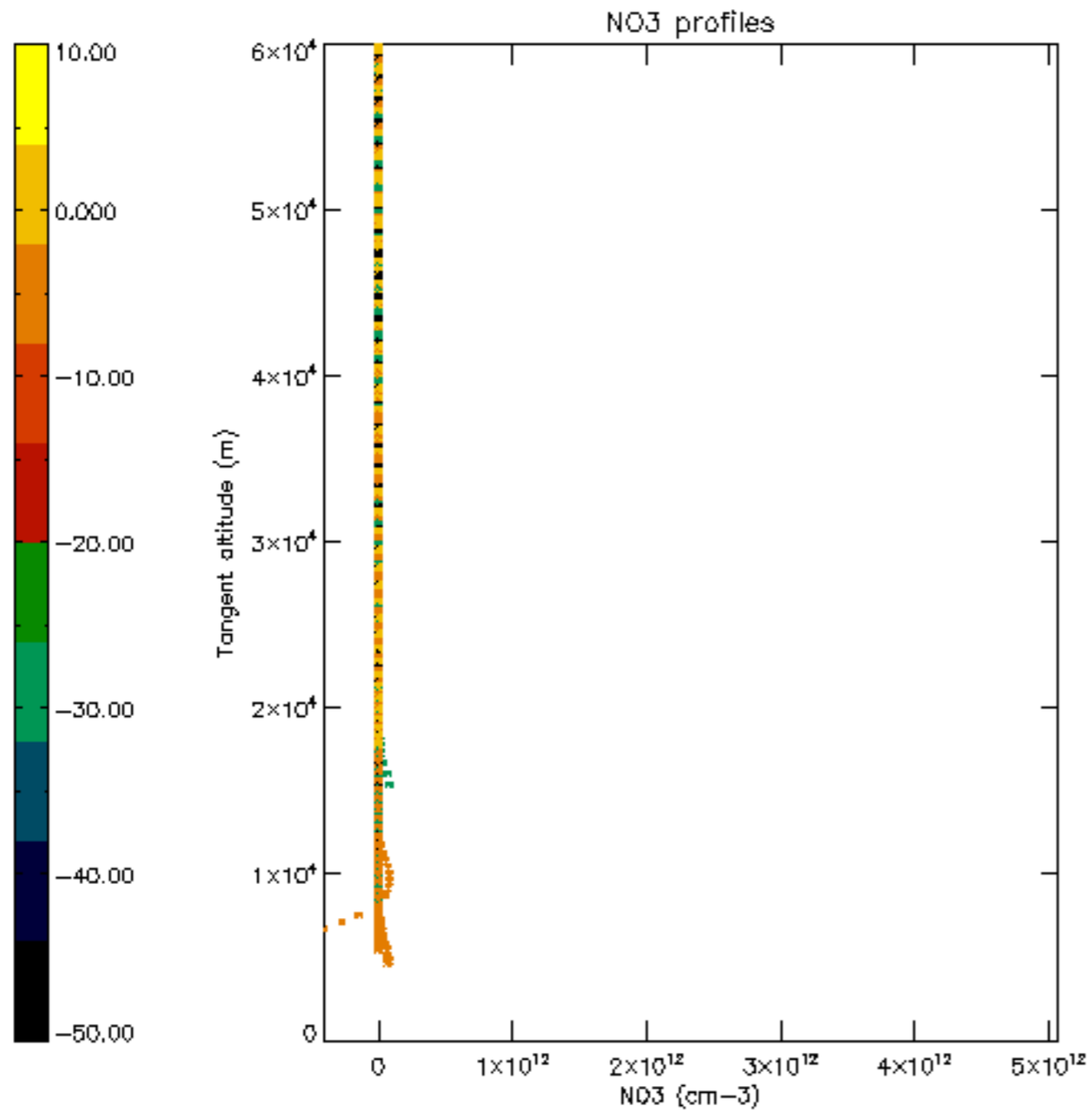


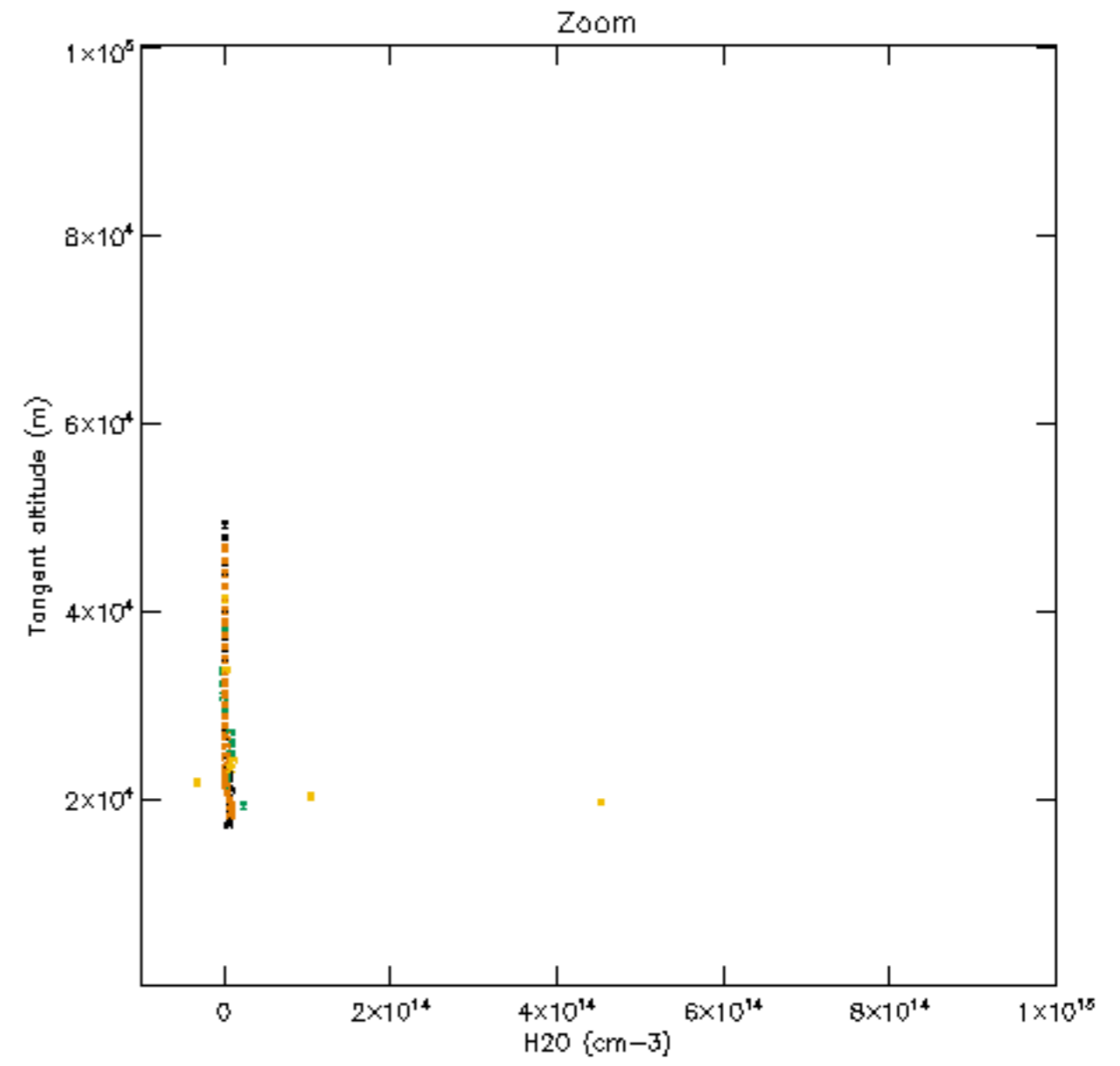
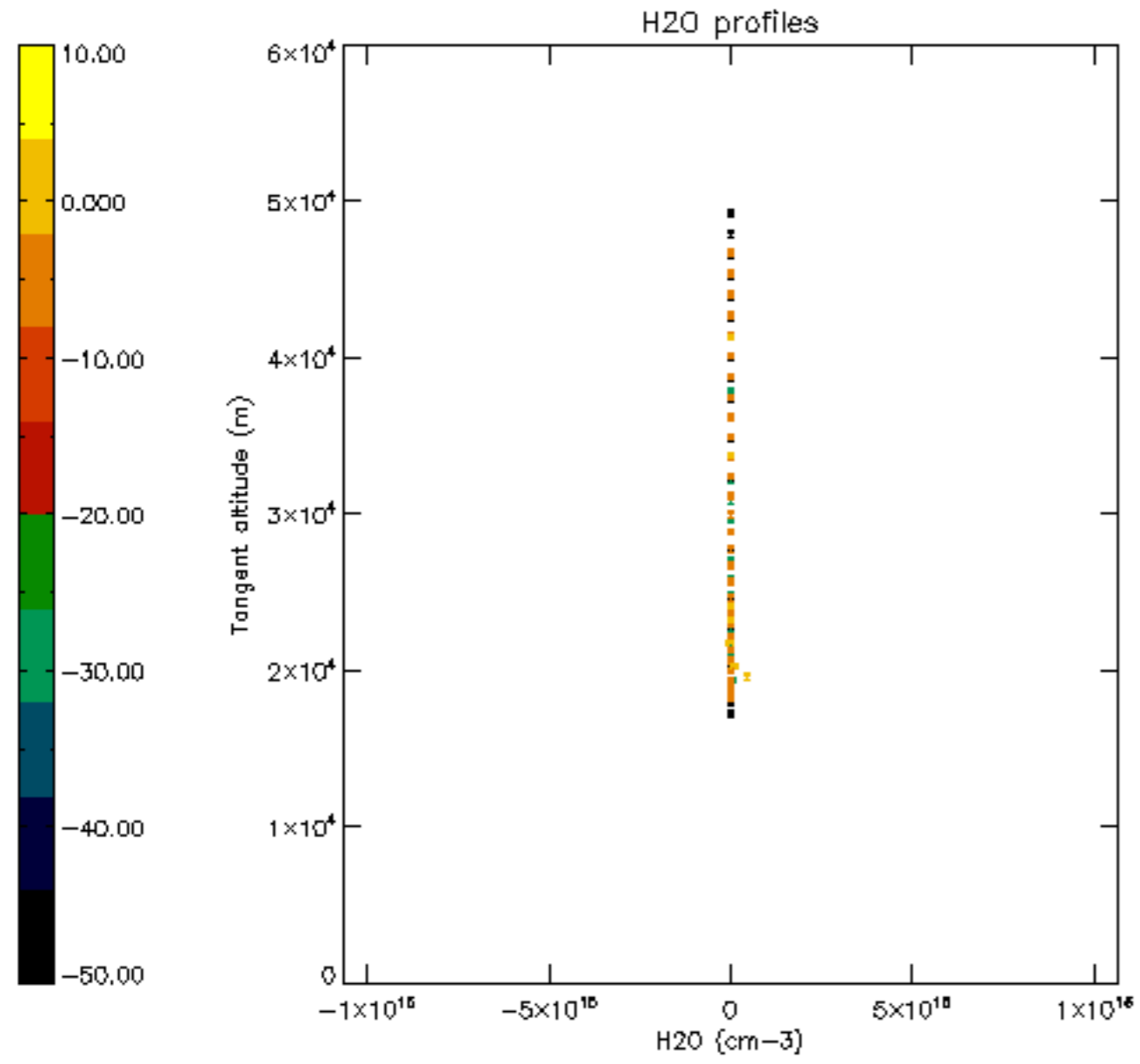


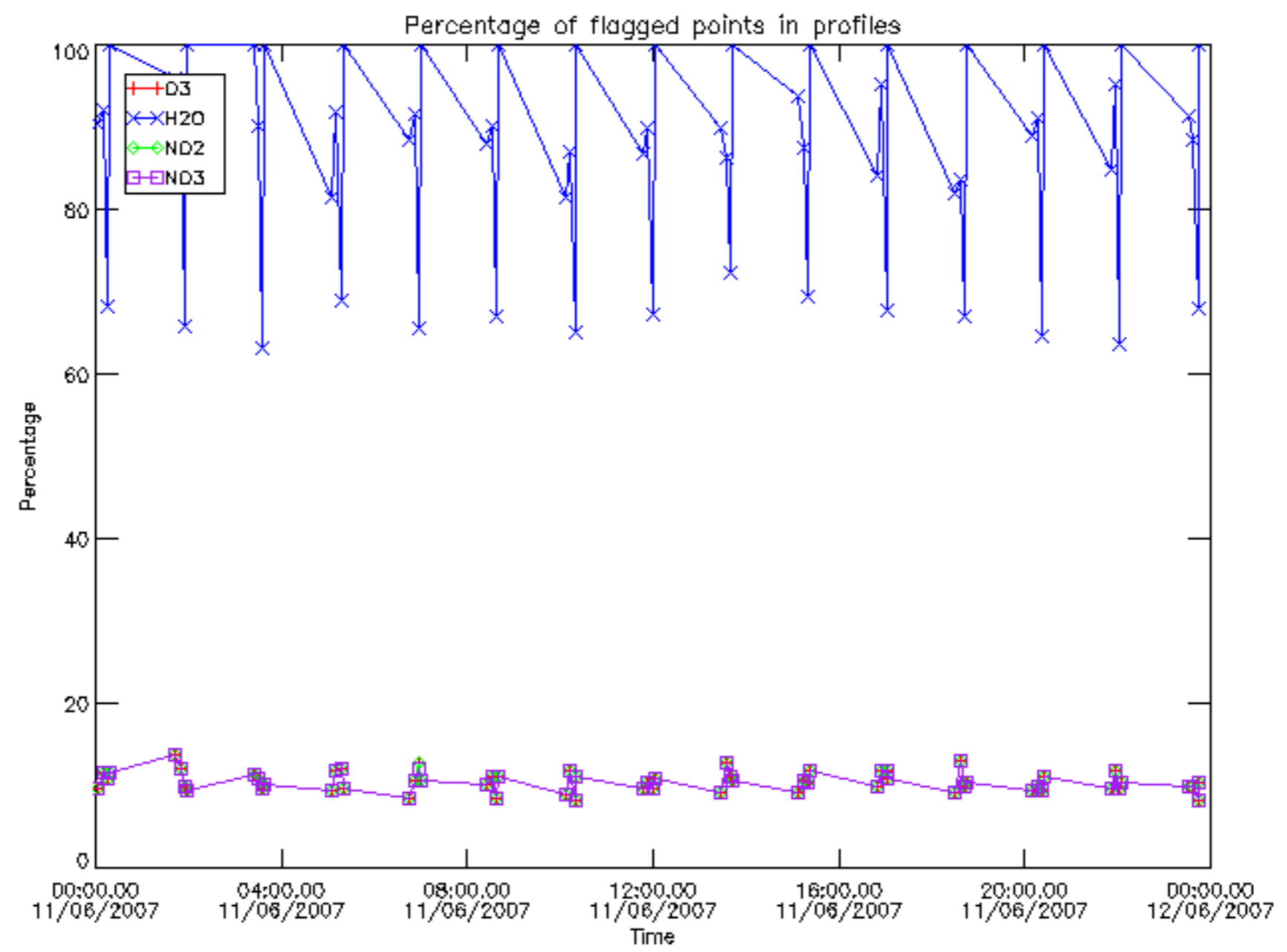




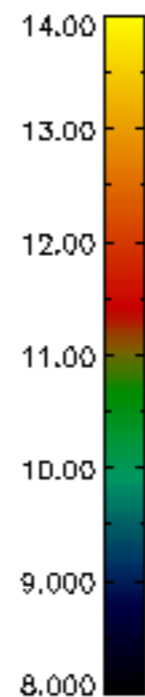
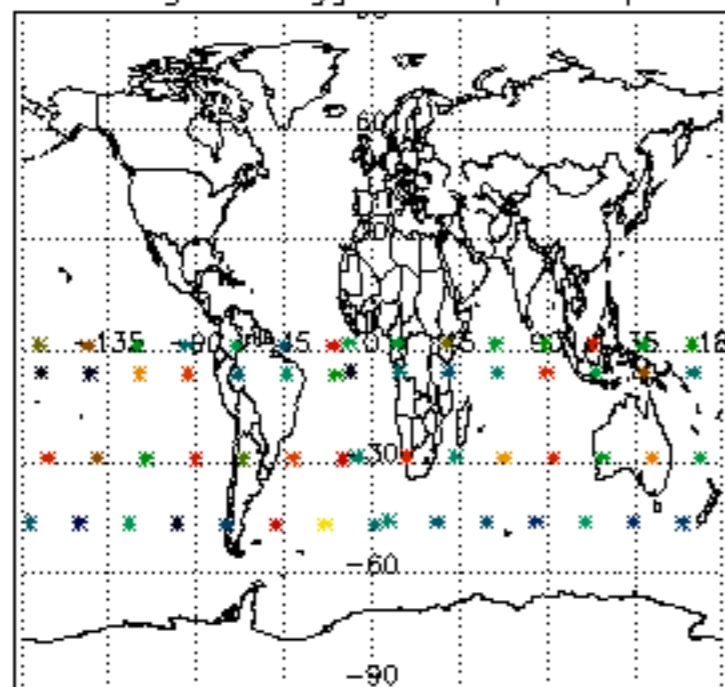




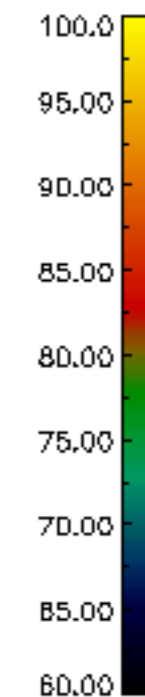
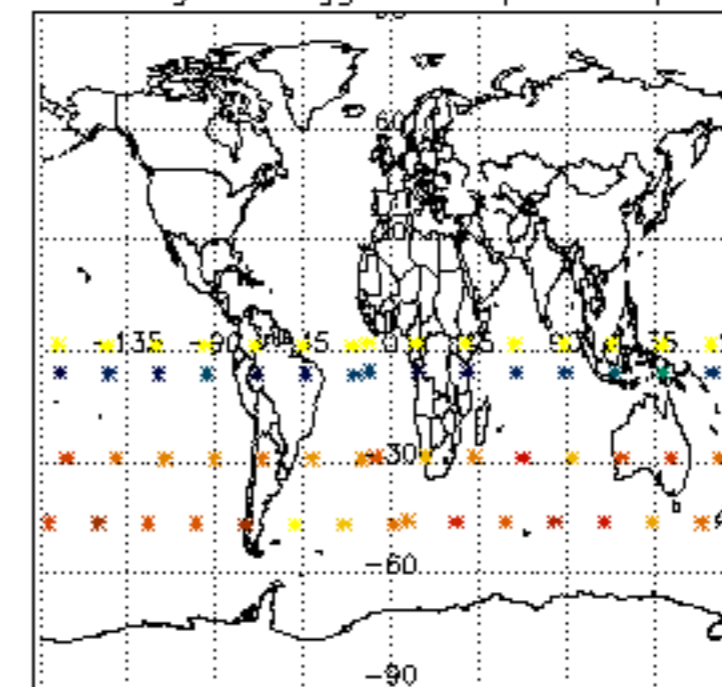




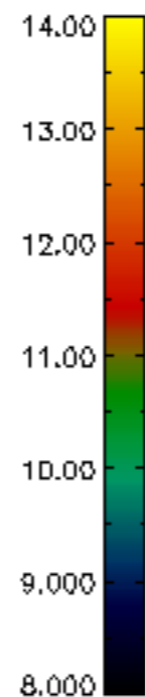
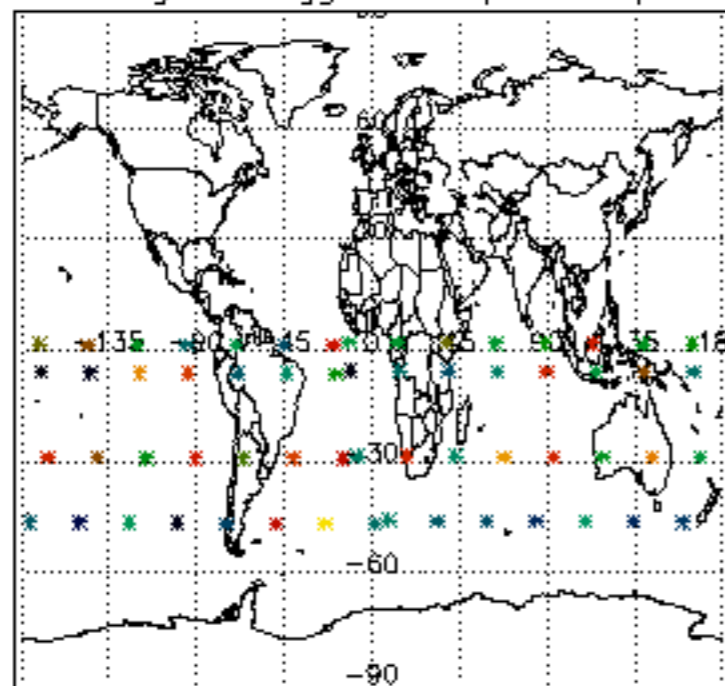
Percentage of flagged data per D3 profile



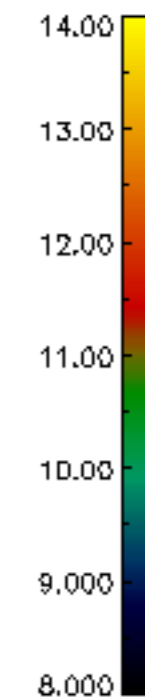
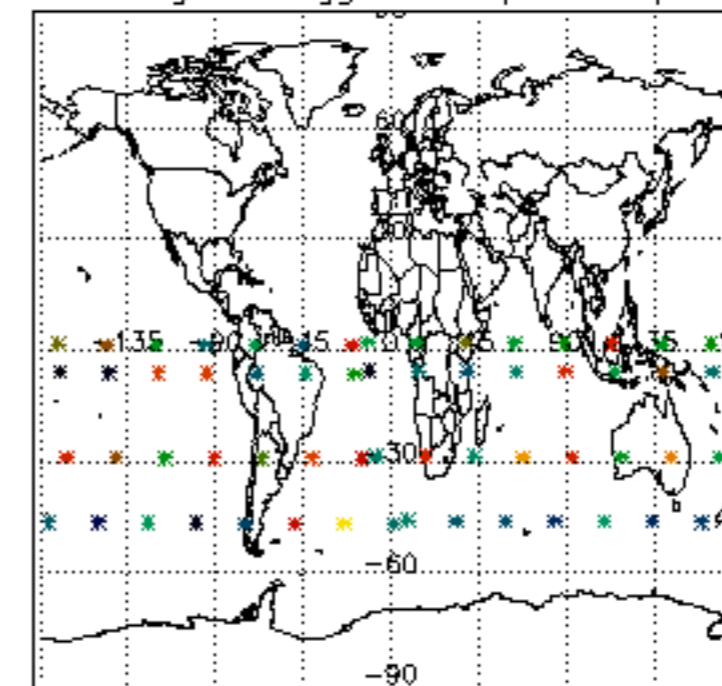
Percentage of flagged data per H2O profile

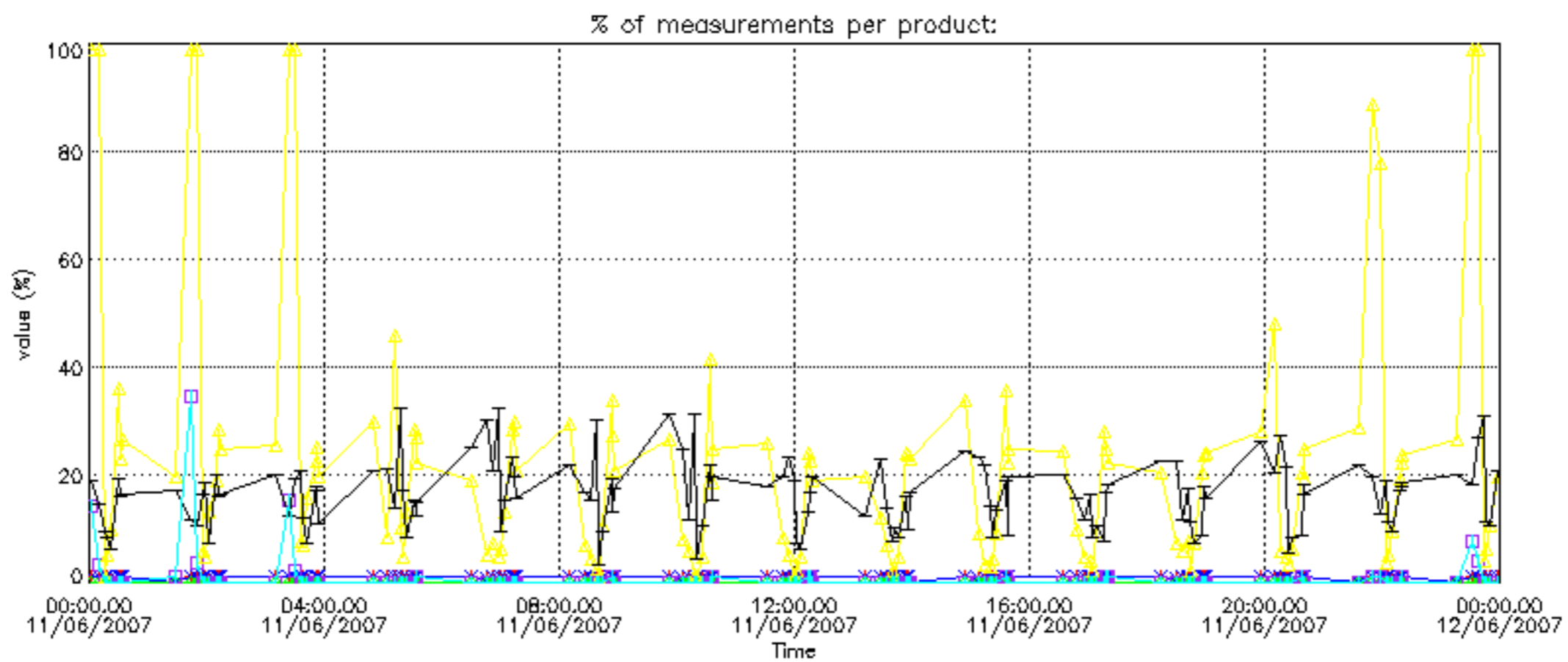


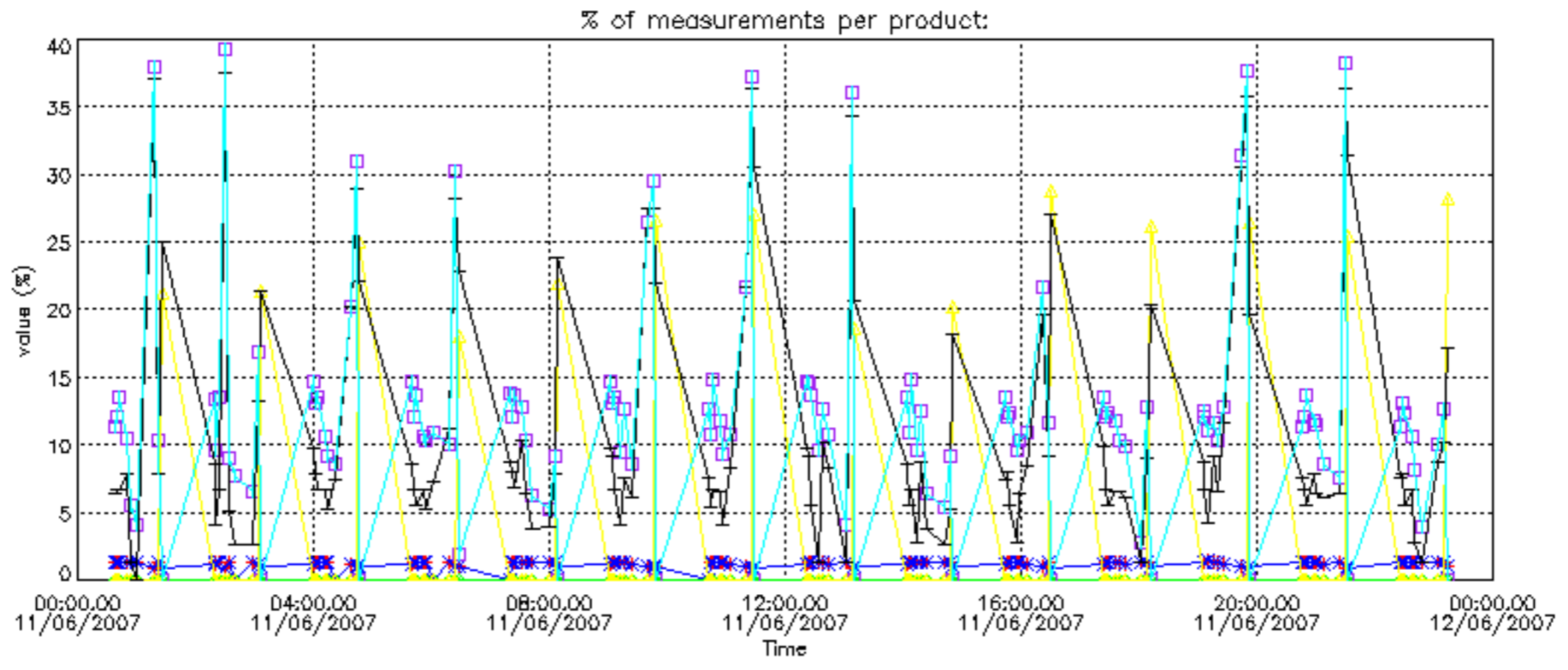
Percentage of flagged data per NO2 profile



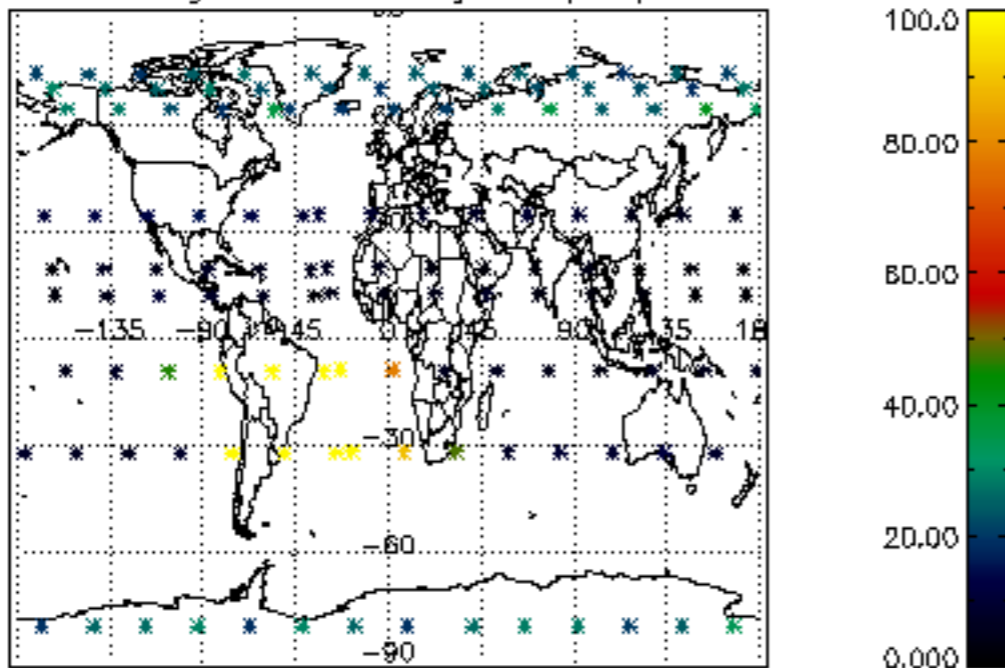
Percentage of flagged data per NO3 profile



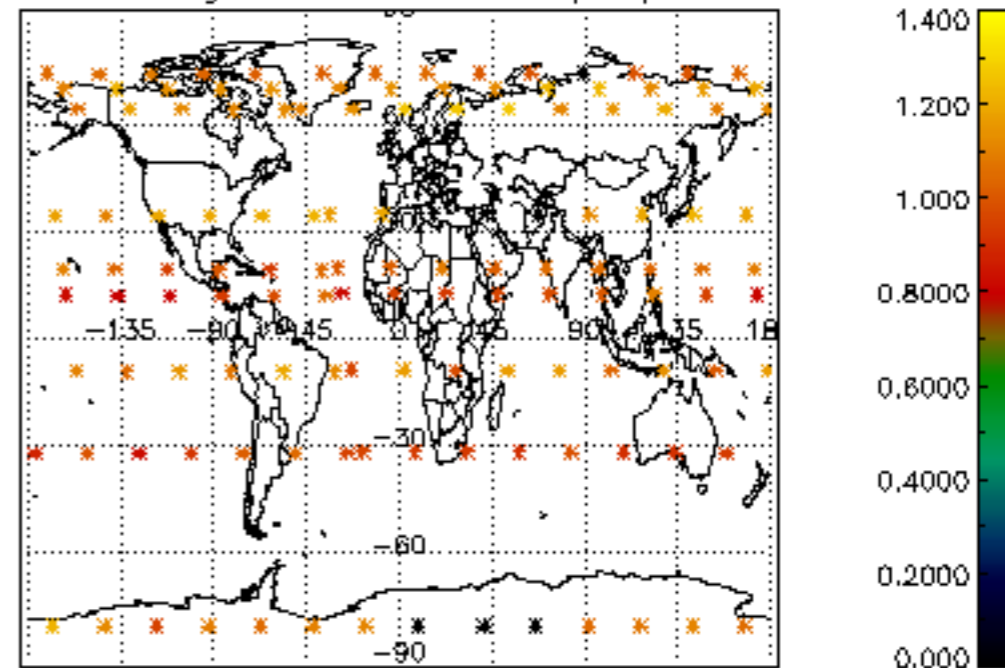




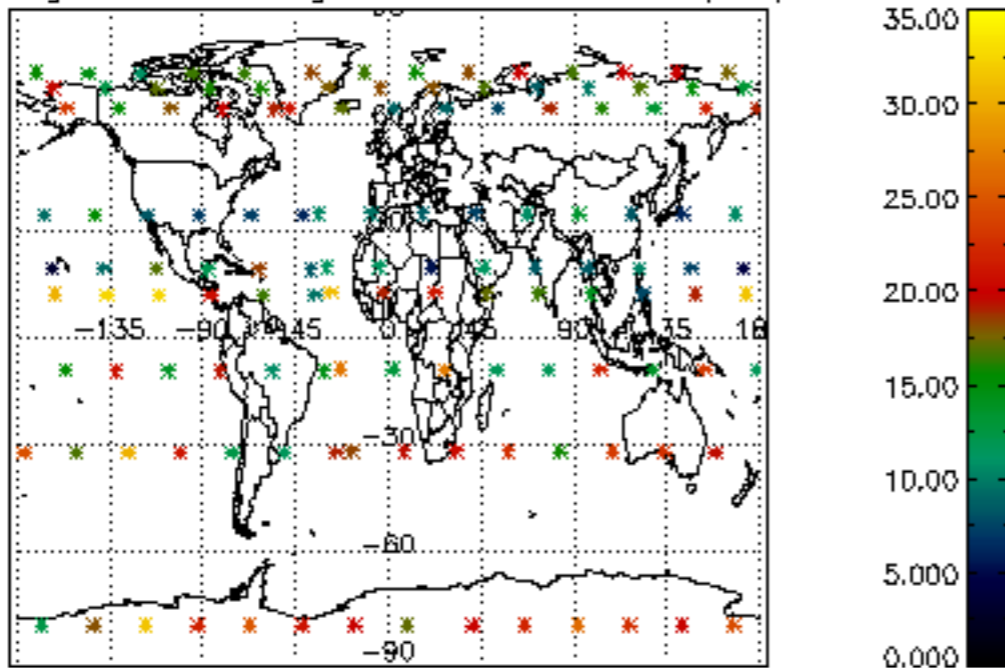
Percentage of cosmic ray hits per profile



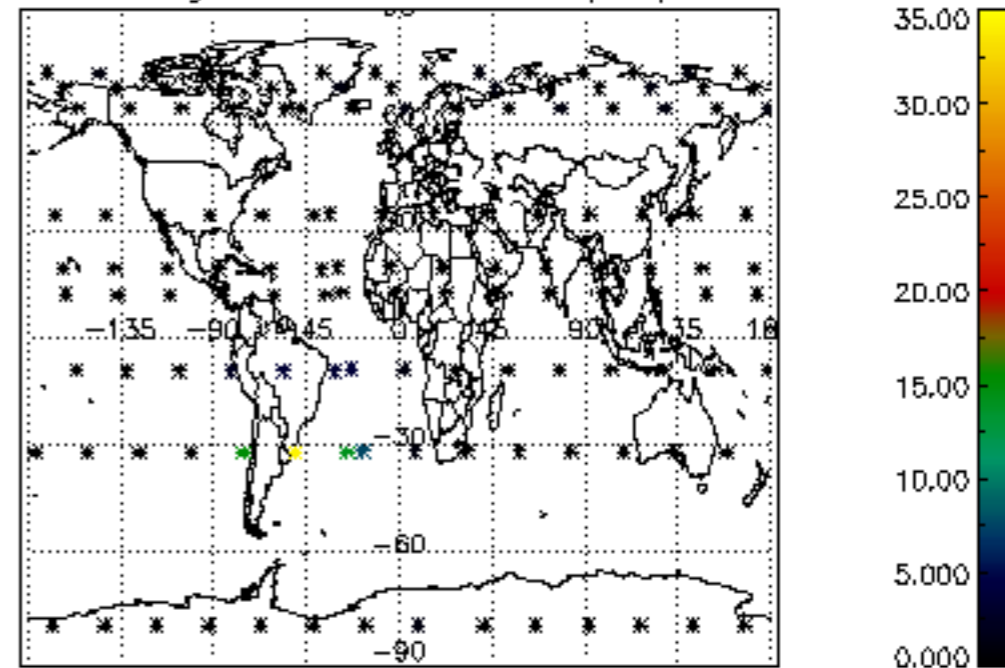
Percentage of datation errors per profile



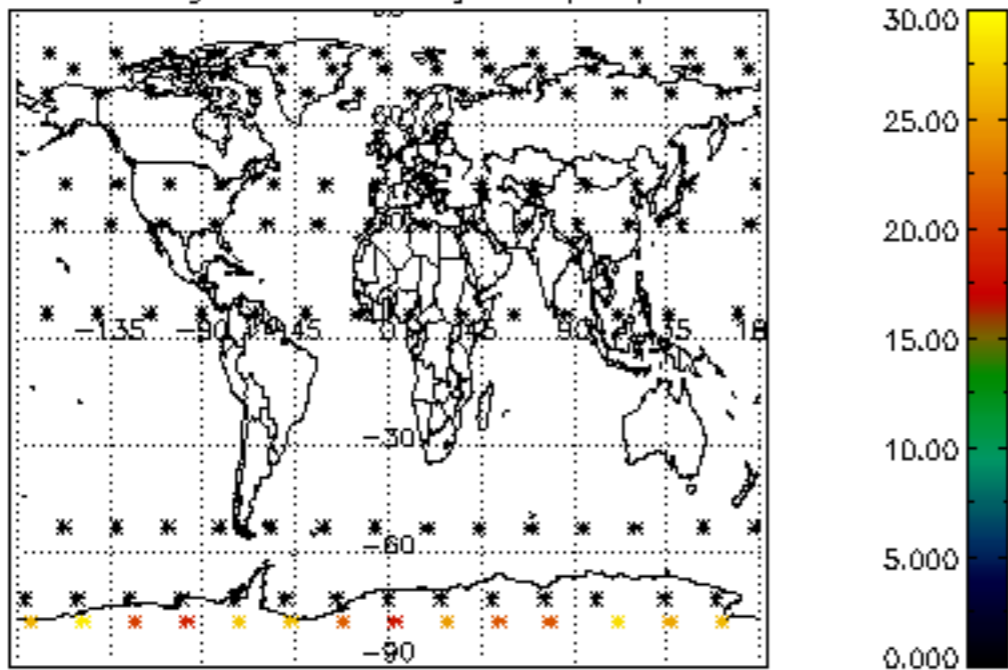
Percentage of star falling outside central band per profile



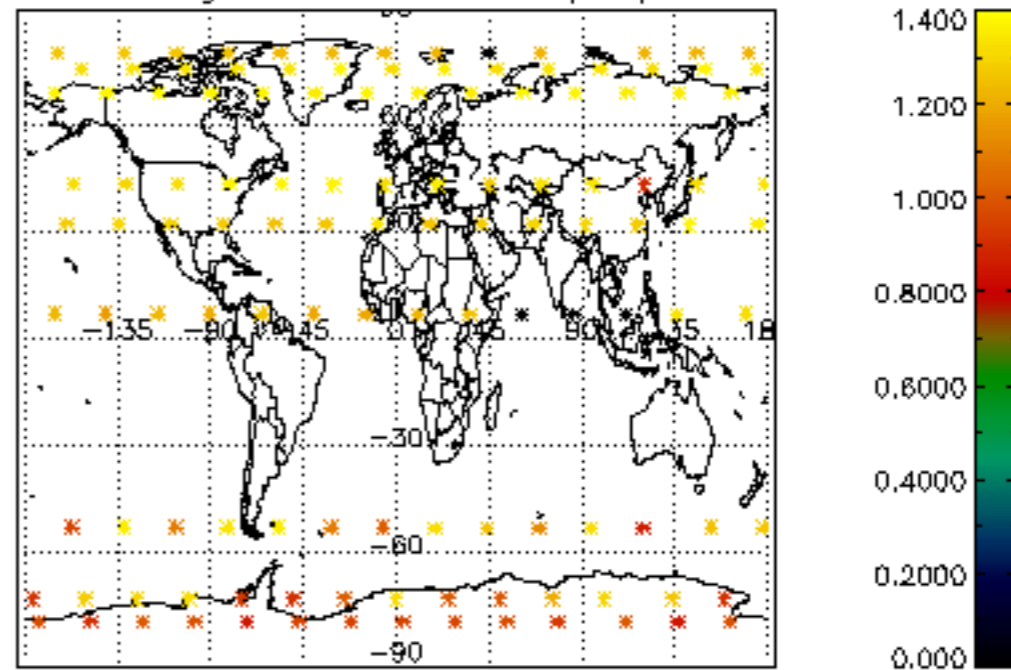
Percentage of saturation errors per profile



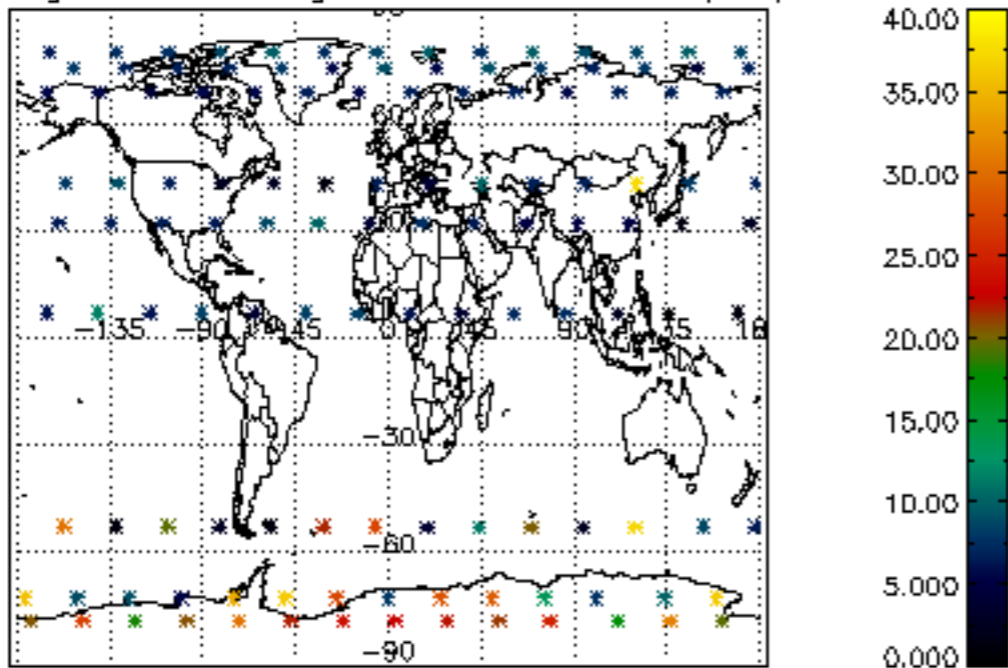
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

