

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	26APR2013 09:20:07
Data source version	GOMOS/6.01
Start time of products	07-05-2009 (07MAY2009 00:00:00)
Stop time of products	08-05-2009 (08MAY2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	195
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__2PRFIN20090507_000017_000000382078_00431_37559_2987.N1	07-MAY-2009 00:00:17	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	37559	No
2	GOM_NL__2PRFIN20090507_001250_000000342078_00431_37559_2988.N1	07-MAY-2009 00:12:50	Twilight	34.000	93	53Bet Peg	2.5200	3100.0	68	37559	No
3	GOM_NL__2PRFIN20090507_001701_000000352078_00431_37559_2989.N1	07-MAY-2009 00:17:01	Dark	35.000	90	54Alp Peg	2.4870	11000.	70	37559	No
4	GOM_NL__2PRFIN20090507_002434_000000482078_00431_37559_2990.N1	07-MAY-2009 00:24:34	Dark	48.000	162	34Alp Aqr	2.9440	5350.0	96	37559	No
5	GOM_NL__2PRFIN20090507_005113_000000482078_00432_37560_2994.N1	07-MAY-2009 00:51:13	Straylight	47.500	40	The Sco	1.8590	7100.0	95	37560	No
6	GOM_NL__2PRFIN20090507_005304_000000502078_00432_37560_2995.N1	07-MAY-2009 00:53:04	Straylight	50.000	25	35Lam Sco	1.6200	28000.	100	37560	No
7	GOM_NL__2PRFIN20090507_005550_000000472078_00432_37560_2996.N1	07-MAY-2009 00:55:50	Straylight	47.000	75	26Eps Sco	2.2910	4250.0	94	37560	No
8	GOM_NL__2PRFIN20090507_005918_000000492078_00432_37560_2997.N1	07-MAY-2009 00:59:18	Twilight	49.000	16	21Alp Sco	1.0200	3000.0	98	37560	No
9	GOM_NL__2PRFIN20090507_010117_000000462078_00432_37560_2998.N1	07-MAY-2009 01:01:17	Twilight	45.500	80	7Del Sco	2.3160	30000.	91	37560	No
10	GOM_NL__2PRFIN20090507_010618_000000442078_00432_37560_2999.N1	07-MAY-2009 01:06:18	Bright	44.000	104	27Bet Lib	2.6140	13100.	88	37560	No
11	GOM_NL__2PRFIN20090507_011750_000000432078_00432_37560_3000.N1	07-MAY-2009 01:17:50	Bright	42.500	83		2.3780	11000.	85	37560	No
12	GOM_NL__2PRFIN20090507_011920_000000492078_00432_37560_3001.N1	07-MAY-2009 01:19:20	Bright	49.000	67	5Alp CrB	2.2210	11000.	98	37560	No
13	GOM_NL__2PRFIN20090507_013011_000000422078_00432_37560_3002.N1	07-MAY-2009 01:30:11	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	37560	No
14	GOM_NL__2PRFIN20090507_014052_000000382078_00432_37560_3003.N1	07-MAY-2009 01:40:52	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	37560	No
15	GOM_NL__2PRFIN20090507_015325_000000352078_00432_37560_3004.N1	07-MAY-2009 01:53:25	Twilight	34.500	93	53Bet Peg	2.5200	3100.0	69	37560	No
16	GOM_NL__2PRFIN20090507_015737_000000352078_00432_37560_3005.N1	07-MAY-2009 01:57:37	Dark	34.500	90	54Alp Peg	2.4870	11000.	69	37560	No
17	GOM_NL__2PRFIN20090507_020511_000000492078_00432_37560_3006.N1	07-MAY-2009 02:05:11	Dark	49.000	162	34Alp Aqr	2.9440	5350.0	98	37560	No
18	GOM_NL__2PRFIN20090507_023150_000000472078_00433_37561_3009.N1	07-MAY-2009 02:31:50	Straylight	46.500	40	The Sco	1.8590	7100.0	93	37561	No
19	GOM_NL__2PRFIN20090507_023340_000000512078_00433_37561_3010.N1	07-MAY-2009 02:33:40	Straylight	50.500	25	35Lam Sco	1.6200	28000.	101	37561	No
20	GOM_NL__2PRFIN20090507_023627_000000472078_00433_37561_3011.N1	07-MAY-2009 02:36:27	Straylight	47.000	75	26Eps Sco	2.2910	4250.0	94	37561	No
21	GOM_NL__2PRFIN20090507_023954_000000492078_00433_37561_3012.N1	07-MAY-2009 02:39:54	Twilight	49.000	16	21Alp Sco	1.0200	3000.0	98	37561	No
22	GOM_NL__2PRFIN20090507_024153_000000462078_00433_37561_3013.N1	07-MAY-2009 02:41:53	Twilight	45.500	80	7Del Sco	2.3160	30000.	91	37561	No
23	GOM_NL__2PRFIN20090507_024654_000000422078_00433_37561_3014.N1	07-MAY-2009 02:46:54	Bright	42.000	104	27Bet Lib	2.6140	13100.	84	37561	No
24	GOM_NL__2PRFIN20090507_025825_000000432078_00433_37561_3015.N1	07-MAY-2009 02:58:25	Bright	43.000	83		2.3780	11000.	86	37561	No
25	GOM_NL__2PRFIN20090507_025955_000000492078_00433_37561_3016.N1	07-MAY-2009 02:59:55	Bright	48.500	67	5Alp CrB	2.2210	11000.	97	37561	No
26	GOM_NL__2PRFIN20090507_031046_000000432078_00433_37561_3017.N1	07-MAY-2009 03:10:46	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	37561	No
27	GOM_NL__2PRFIN20090507_032128_000000372078_00433_37561_3018.N1	07-MAY-2009 03:21:28	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	37561	No
28	GOM_NL__2PRFIN20090507_033402_000000352078_00433_37561_3019.N1	07-MAY-2009 03:34:02	Twilight	34.500	93	53Bet Peg	2.5200	3100.0	69	37561	No
29	GOM_NL__2PRFIN20090507_033814_000000352078_00433_37561_3020.N1	07-MAY-2009 03:38:14	Dark	35.000	90	54Alp Peg	2.4870	11000.	70	37561	No
30	GOM_NL__2PRFIN20090507_034548_000000492078_00433_37561_3021.N1	07-MAY-2009 03:45:48	Dark	49.000	162	34Alp Aqr	2.9440	5350.0	98	37561	No
31	GOM_NL__2PRFIN20090507_041226_000000482078_00434_37562_3044.N1	07-MAY-2009 04:12:26	Straylight	47.500	40	The Sco	1.8590	7100.0	95	37562	No
32	GOM_NL__2PRFIN20090507_041416_000000512078_00434_37562_3045.N1	07-MAY-2009 04:14:16	Straylight	51.000	25	35Lam Sco	1.6200	28000.	102	37562	No
33	GOM_NL__2PRFIN20090507_041703_000000472078_00434_37562_3046.N1	07-MAY-2009 04:17:03	Straylight	47.000	75	26Eps Sco	2.2910	4250.0	94	37562	No
34	GOM_NL__2PRFIN20090507_042030_000000492078_00434_37562_3047.N1	07-MAY-2009 04:20:30	Twilight	49.000	16	21Alp Sco	1.0200	3000.0	98	37562	No
35	GOM_NL__2PRFIN20090507_042230_000000462078_00434_37562_3048.N1	07-MAY-2009 04:22:30	Twilight	45.500	80	7Del Sco	2.3160	30000.	91	37562	No
36	GOM_NL__2PRFIN20090507_042730_000000432078_00434_37562_3049.N1	07-MAY-2009 04:27:30	Bright	42.500	104	27Bet Lib	2.6140	13100.	85	37562	No
37	GOM_NL__2PRFIN20090507_043901_000000432078_00434_37562_3050.N1	07-MAY-2009 04:39:01	Bright	43.000	83		2.3780	11000.	86	37562	No
38	GOM_NL__2PRFIN20090507_044030_000000512078_00434_37562_3051.N1	07-MAY-2009 04:40:30	Bright	51.000	67	5Alp CrB	2.2210	11000.	102	37562	No
39	GOM_NL__2PRFIN20090507_045122_000000422078_00434_37562_3052.N1	07-MAY-2009 04:51:22	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	37562	No
40	GOM_NL__2PRFIN20090507_050204_000000372078_00434_37562_3053.N1	07-MAY-2009 05:02:04	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	37562	No
41	GOM_NL__2PRFIN20090507_051438_000000352078_00434_37562_3054.N1	07-MAY-2009 05:14:38	Twilight	34.500	93	53Bet Peg	2.5200	3100.0	69	37562	No
42	GOM_NL__2PRFIN20090507_051850_000000352078_00434_37562_3055.N1	07-MAY-2009 05:18:50	Dark	35.000	90	54Alp Peg	2.4870	11000.	70	37562	No

43	GOM_NL__2PRFIN20090507_052625_000000492078_00434_37562_3056.N1	07-MAY-2009 05:26:25	Dark	49.000	162	34Alp Aqr	2.9440	5350.0	98	37562	No
44	GOM_NL__2PRFIN20090507_055304_000000472078_00435_37563_3055.N1	07-MAY-2009 05:53:04	Straylight	46.500	40	The Sco	1.8590	7100.0	93	37563	No
45	GOM_NL__2PRFIN20090507_055454_000000512078_00435_37563_3056.N1	07-MAY-2009 05:54:54	Straylight	51.000	25	35Lam Sco	1.6200	28000.	102	37563	No
46	GOM_NL__2PRFIN20090507_055740_000000482078_00435_37563_3057.N1	07-MAY-2009 05:57:40	Straylight	47.500	75	26Eps Sco	2.2910	4250.0	95	37563	No
47	GOM_NL__2PRFIN20090507_060107_000000492078_00435_37563_3058.N1	07-MAY-2009 06:01:07	Tw_i_and_stray	49.000	16	21Alp Sco	1.0200	3000.0	98	37563	No
48	GOM_NL__2PRFIN20090507_060306_000000452078_00435_37563_3059.N1	07-MAY-2009 06:03:06	Tw_i_and_stray	45.000	80	7Del Sco	2.3160	30000.	90	37563	No
49	GOM_NL__2PRFIN20090507_060806_000000432078_00435_37563_3060.N1	07-MAY-2009 06:08:06	Bright	42.500	104	27Bet Lib	2.6140	13100.	85	37563	No
50	GOM_NL__2PRFIN20090507_061937_000000412078_00435_37563_3061.N1	07-MAY-2009 06:19:37	Bright	40.500	83		2.3780	11000.	81	37563	No
51	GOM_NL__2PRFIN20090507_062105_000000522078_00435_37563_3062.N1	07-MAY-2009 06:21:05	Bright	52.000	67	5Alp CrB	2.2210	11000.	104	37563	No
52	GOM_NL__2PRFIN20090507_063158_000000412078_00435_37563_3063.N1	07-MAY-2009 06:31:58	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	37563	No
53	GOM_NL__2PRFIN20090507_064239_000000372078_00435_37563_3064.N1	07-MAY-2009 06:42:39	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	37563	No
54	GOM_NL__2PRFIN20090507_065514_000000352078_00435_37563_3065.N1	07-MAY-2009 06:55:14	Tw_i_and_stray	34.500	93	53Bet Peg	2.5200	3100.0	69	37563	No
55	GOM_NL__2PRFIN20090507_065926_000000362078_00435_37563_3066.N1	07-MAY-2009 06:59:26	Dark	35.500	90	54Alp Peg	2.4870	11000.	71	37563	No
56	GOM_NL__2PRFIN20090507_070702_000000502078_00435_37563_3067.N1	07-MAY-2009 07:07:02	Dark	49.500	162	34Alp Aqr	2.9440	5350.0	99	37563	No
57	GOM_NL__2PRFIN20090507_073340_000000472078_00436_37564_3069.N1	07-MAY-2009 07:33:40	Straylight	47.000	40	The Sco	1.8590	7100.0	94	37564	No
58	GOM_NL__2PRFIN20090507_073531_000000512078_00436_37564_3070.N1	07-MAY-2009 07:35:31	Straylight	51.000	25	35Lam Sco	1.6200	28000.	102	37564	No
59	GOM_NL__2PRFIN20090507_073816_000000472078_00436_37564_3071.N1	07-MAY-2009 07:38:16	Straylight	47.000	75	26Eps Sco	2.2910	4250.0	94	37564	No
60	GOM_NL__2PRFIN20090507_074143_000000492078_00436_37564_3072.N1	07-MAY-2009 07:41:43	Tw_i_and_stray	48.500	16	21Alp Sco	1.0200	3000.0	97	37564	No
61	GOM_NL__2PRFIN20090507_074342_000000452078_00436_37564_3073.N1	07-MAY-2009 07:43:42	Tw_i_and_stray	45.000	80	7Del Sco	2.3160	30000.	90	37564	No
62	GOM_NL__2PRFIN20090507_074842_000000432078_00436_37564_3074.N1	07-MAY-2009 07:48:42	Bright	42.500	104	27Bet Lib	2.6140	13100.	85	37564	No
63	GOM_NL__2PRFIN20090507_075452_000000262078_00436_37564_3075.N1	07-MAY-2009 07:54:52	Tw_i_and_stray	26.000	102	24Alp Ser	2.6000	4250.0	52	37564	No
64	GOM_NL__2PRFIN20090507_080013_000000432078_00436_37564_3076.N1	07-MAY-2009 08:00:13	Bright	42.500	83		2.3780	11000.	85	37564	No
65	GOM_NL__2PRFIN20090507_080141_000000502078_00436_37564_3077.N1	07-MAY-2009 08:01:41	Bright	49.500	67	5Alp CrB	2.2210	11000.	99	37564	No
66	GOM_NL__2PRFIN20090507_081233_000000412078_00436_37564_3078.N1	07-MAY-2009 08:12:33	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	37564	No
67	GOM_NL__2PRFIN20090507_082315_000000382078_00436_37564_3079.N1	07-MAY-2009 08:23:15	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	37564	No
68	GOM_NL__2PRFIN20090507_083550_000000352078_00436_37564_3080.N1	07-MAY-2009 08:35:50	Tw_i_and_stray	34.500	93	53Bet Peg	2.5200	3100.0	69	37564	No
69	GOM_NL__2PRFIN20090507_084003_000000352078_00436_37564_3081.N1	07-MAY-2009 08:40:03	Dark	35.000	90	54Alp Peg	2.4870	11000.	70	37564	No
70	GOM_NL__2PRFIN20090507_084739_000000492078_00436_37564_3082.N1	07-MAY-2009 08:47:39	Dark	49.000	162	34Alp Aqr	2.9440	5350.0	98	37564	No
71	GOM_NL__2PRFIN20090507_091417_000000472078_00437_37565_3086.N1	07-MAY-2009 09:14:17	Straylight	47.000	40	The Sco	1.8590	7100.0	94	37565	No
72	GOM_NL__2PRFIN20090507_091607_000000512078_00437_37565_3087.N1	07-MAY-2009 09:16:07	Straylight	50.500	25	35Lam Sco	1.6200	28000.	101	37565	No
73	GOM_NL__2PRFIN20090507_091853_000000472078_00437_37565_3088.N1	07-MAY-2009 09:18:53	Straylight	47.000	75	26Eps Sco	2.2910	4250.0	94	37565	No
74	GOM_NL__2PRFIN20090507_092219_000000492078_00437_37565_3089.N1	07-MAY-2009 09:22:19	Tw_i_and_stray	49.000	16	21Alp Sco	1.0200	3000.0	98	37565	No
75	GOM_NL__2PRFIN20090507_092418_000000462078_00437_37565_3090.N1	07-MAY-2009 09:24:18	Tw_i_and_stray	45.500	80	7Del Sco	2.3160	30000.	91	37565	No
76	GOM_NL__2PRFIN20090507_092918_000000432078_00437_37565_3091.N1	07-MAY-2009 09:29:18	Bright	42.500	104	27Bet Lib	2.6140	13100.	85	37565	No
77	GOM_NL__2PRFIN20090507_093527_000000262078_00437_37565_3092.N1	07-MAY-2009 09:35:27	Tw_i_and_stray	26.000	102	24Alp Ser	2.6000	4250.0	52	37565	No
78	GOM_NL__2PRFIN20090507_094047_000000422078_00437_37565_3093.N1	07-MAY-2009 09:40:47	Bright	42.000	83		2.3780	11000.	84	37565	No
79	GOM_NL__2PRFIN20090507_094216_000000482078_00437_37565_3094.N1	07-MAY-2009 09:42:16	Bright	47.500	67	5Alp CrB	2.2210	11000.	95	37565	No
80	GOM_NL__2PRFIN20090507_095308_000000422078_00437_37565_3095.N1	07-MAY-2009 09:53:08	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	37565	No
81	GOM_NL__2PRFIN20090507_100350_000000372078_00437_37565_3096.N1	07-MAY-2009 10:03:50	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	37565	No
82	GOM_NL__2PRFIN20090507_101626_000000342078_00437_37565_3097.N1	07-MAY-2009 10:16:26	Tw_i_and_stray	34.000	93	53Bet Peg	2.5200	3100.0	68	37565	No
83	GOM_NL__2PRFIN20090507_102039_000000362078_00437_37565_3098.N1	07-MAY-2009 10:20:39	Dark	35.500	90	54Alp Peg	2.4870	11000.	71	37565	No
84	GOM_NL__2PRFIN20090507_102816_000000502078_00437_37565_3099.N1	07-MAY-2009 10:28:16	Dark	49.500	162	34Alp Aqr	2.9440	5350.0	99	37565	No
85	GOM_NL__2PRFIN20090507_105453_000000482078_00438_37566_3100.N1	07-MAY-2009 10:54:53	Straylight	47.500	40	The Sco	1.8590	7100.0	95	37566	No
86	GOM_NL__2PRFIN20090507_105644_000000512078_00438_37566_3101.N1	07-MAY-2009 10:56:44	Straylight	50.500	25	35Lam Sco	1.6200	28000.	101	37566	No
87	GOM_NL__2PRFIN20090507_105929_000000472078_00438_37566_3102.N1	07-MAY-2009 10:59:29	Straylight	47.000	75	26Eps Sco	2.2910	4250.0	94	37566	No
88	GOM_NL__2PRFIN20090507_110256_000000492078_00438_37566_3103.N1	07-MAY-2009 11:02:56	Tw_i_and_stray	49.000	16	21Alp Sco	1.0200	3000.0	98	37566	No
89	GOM_NL__2PRFIN20090507_110455_000000452078_00438_37566_3104.N1	07-MAY-2009 11:04:55	Tw_i_and_stray	45.000	80	7Del Sco	2.3160	30000.	90	37566	No
90	GOM_NL__2PRFIN20090507_110954_000000422078_00438_37566_3105.N1	07-MAY-2009 11:09:54	Bright	42.000	104	27Bet Lib	2.6140	13100.	84	37566	No
91	GOM_NL__2PRFIN20090507_111602_000000332078_00438_37566_3106.N1	07-MAY-2009 11:16:02	Tw_i_and_stray	33.000	102	24Alp Ser	2.6000	4250.0	66	37566	No
92	GOM_NL__2PRFIN20090507_112123_000000432078_00438_37566_3107.N1	07-MAY-2009 11:21:23	Bright	42.500	83		2.3780	11000.	85	37566	No
93	GOM_NL__2PRFIN20090507_112251_000000512078_00438_37566_3108.N1	07-MAY-2009 11:22:51	Bright	50.500	67	5Alp CrB	2.2210	11000.	101	37566	No
94	GOM_NL__2PRFIN20090507_113343_000000432078_00438_37566_3109.N1	07-MAY-2009 11:33:43	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	37566	No
95	GOM_NL__2PRFIN20090507_115702_000000352078_00438_37566_3110.N1	07-MAY-2009 11:57:02	Tw_i_and_stray	34.500	93	53Bet Peg	2.5200	3100.0	69	37566	No
96	GOM_NL__2PRFIN20090507_120115_000000362078_00438_37566_3111.N1	07-MAY-2009 12:01:15	Dark	35.500	90	54Alp Peg	2.4870	11000.	71	37566	No
97	GOM_NL__2PRFIN20090507_120853_000000502078_00438_37566_3112.N1	07-MAY-2009 12:08:53	Dark	49.500	162	34Alp Aqr	2.9440	5350.0	99	37566	No
98	GOM_NL__2PRFIN20090507_123530_000000482078_00439_37567_3114.N1	07-MAY-2009 12:35:30	Straylight	47.500	40	The Sco	1.8590	7100.0	95	37567	No
99	GOM_NL__2PRFIN20090507_123720_000000512078_00439_37567_3115.N1	07-MAY-2009 12:37:20	Straylight	51.000	25	35Lam Sco	1.6200	28000.	102	37567	No
100	GOM_NL__2PRFIN20090507_124006_000000472078_00439_37567_3116.N1	07-MAY-2009 12:40:06	Straylight	47.000	75	26Eps Sco	2.2910	4250.0	94	37567	No
101	GOM_NL__2PRFIN20090507_124332_000000492078_00439_37567_3117.N1	07-MAY-2009 12:43:32	Tw_i_and_stray	48.500	16	21Alp Sco	1.0200	3000.0	97	37567	No

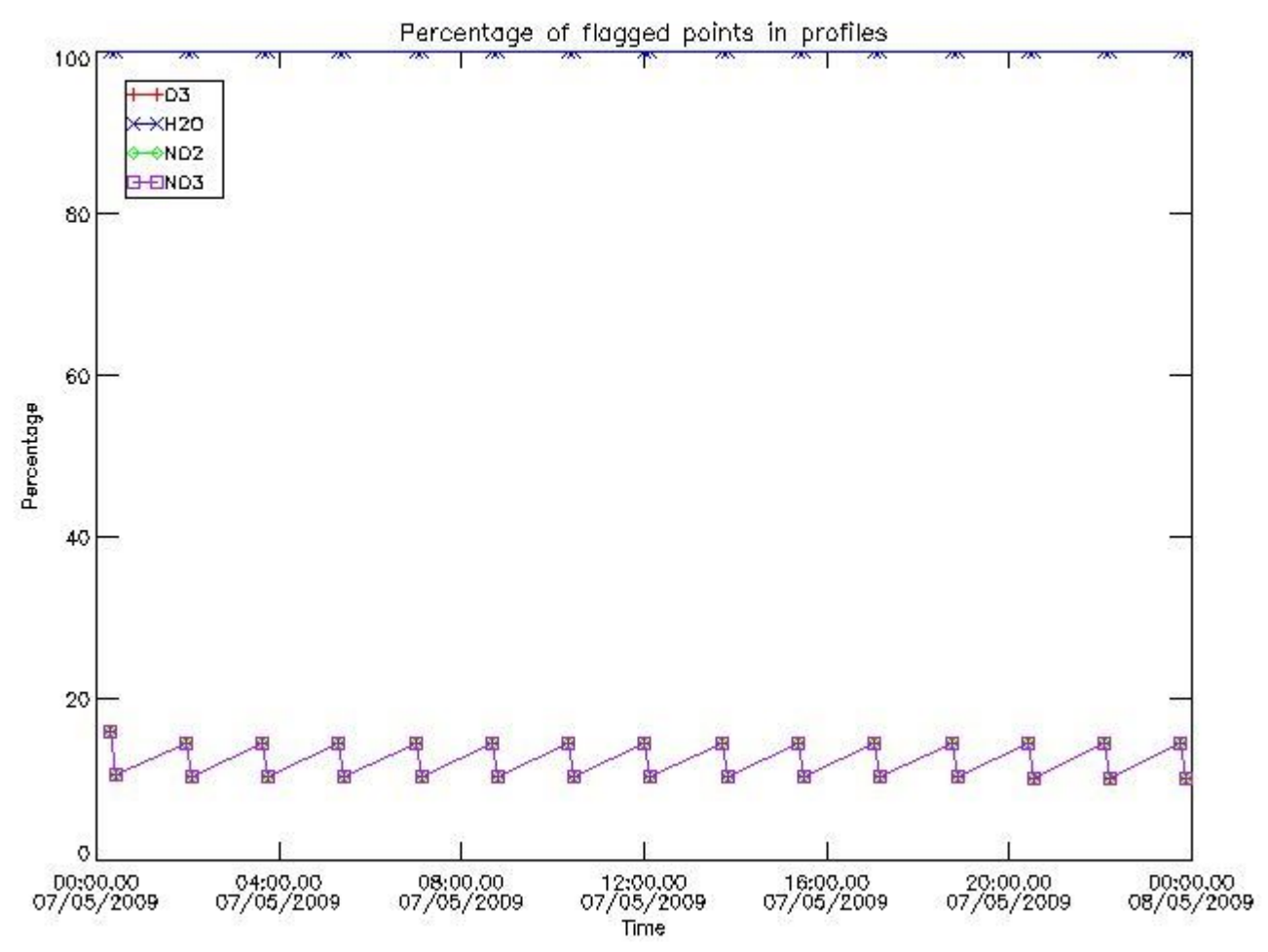
102	GOM_NL__2PRFIN20090507_124531_000000452078_00439_37567_3118.N1	07-MAY-2009 12:45:31	Twilight	44.500	80	7Del Sco	2.3160	30000.	89	37567	No
103	GOM_NL__2PRFIN20090507_125030_000000452078_00439_37567_3119.N1	07-MAY-2009 12:50:30	Bright	45.000	104	27Bet Lib	2.6140	13100.	90	37567	No
104	GOM_NL__2PRFIN20090507_125638_000000332078_00439_37567_3120.N1	07-MAY-2009 12:56:38	Twilight	33.000	102	24Alp Ser	2.6000	4250.0	66	37567	No
105	GOM_NL__2PRFIN20090507_130159_000000422078_00439_37567_3121.N1	07-MAY-2009 13:01:59	Bright	41.500	83		2.3780	11000.	83	37567	No
106	GOM_NL__2PRFIN20090507_130326_000000472078_00439_37567_3122.N1	07-MAY-2009 13:03:26	Bright	47.000	67	5Alp CrB	2.2210	11000.	94	37567	No
107	GOM_NL__2PRFIN20090507_131418_000000432078_00439_37567_3123.N1	07-MAY-2009 13:14:18	Bright	43.000	119	14Eta Dra	2.7270	4700.0	86	37567	No
108	GOM_NL__2PRFIN20090507_132501_000000372078_00439_37567_3124.N1	07-MAY-2009 13:25:01	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	37567	No
109	GOM_NL__2PRFIN20090507_133739_000000352078_00439_37567_3125.N1	07-MAY-2009 13:37:39	Twilight	34.500	93	53Bet Peg	2.5200	3100.0	69	37567	No
110	GOM_NL__2PRFIN20090507_134151_000000362078_00439_37567_3126.N1	07-MAY-2009 13:41:51	Dark	35.500	90	54Alp Peg	2.4870	11000.	71	37567	No
111	GOM_NL__2PRFIN20090507_134930_000000502078_00439_37567_3127.N1	07-MAY-2009 13:49:30	Dark	49.500	162	34Alp Aqr	2.9440	5350.0	99	37567	No
112	GOM_NL__2PRFIN20090507_141607_000000472078_00440_37568_3129.N1	07-MAY-2009 14:16:07	Straylight	47.000	40	The Sco	1.8590	7100.0	94	37568	No
113	GOM_NL__2PRFIN20090507_141757_000000512078_00440_37568_3130.N1	07-MAY-2009 14:17:57	Straylight	50.500	25	35Lam Sco	1.6200	28000.	101	37568	No
114	GOM_NL__2PRFIN20090507_142042_000000472078_00440_37568_3131.N1	07-MAY-2009 14:20:42	Straylight	47.000	75	26Eps Sco	2.2910	4250.0	94	37568	No
115	GOM_NL__2PRFIN20090507_142408_000000482078_00440_37568_3132.N1	07-MAY-2009 14:24:08	Twilight	48.000	16	21Alp Sco	1.0200	3000.0	96	37568	No
116	GOM_NL__2PRFIN20090507_142607_000000452078_00440_37568_3133.N1	07-MAY-2009 14:26:07	Twilight	44.500	80	7Del Sco	2.3160	30000.	89	37568	No
117	GOM_NL__2PRFIN20090507_143105_000000442078_00440_37568_3134.N1	07-MAY-2009 14:31:05	Bright	44.000	104	27Bet Lib	2.6140	13100.	88	37568	No
118	GOM_NL__2PRFIN20090507_143713_000000402078_00440_37568_3135.N1	07-MAY-2009 14:37:13	Bright	40.000	102	24Alp Ser	2.6000	4250.0	80	37568	No
119	GOM_NL__2PRFIN20090507_144234_000000402078_00440_37568_3136.N1	07-MAY-2009 14:42:34	Bright	39.500	83		2.3780	11000.	79	37568	No
120	GOM_NL__2PRFIN20090507_144401_000000542078_00440_37568_3137.N1	07-MAY-2009 14:44:01	Bright	53.500	67	5Alp CrB	2.2210	11000.	107	37568	No
121	GOM_NL__2PRFIN20090507_145454_000000432078_00440_37568_3138.N1	07-MAY-2009 14:54:54	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	37568	No
122	GOM_NL__2PRFIN20090507_150537_000000372078_00440_37568_3139.N1	07-MAY-2009 15:05:37	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	37568	No
123	GOM_NL__2PRFIN20090507_151815_000000352078_00440_37568_3140.N1	07-MAY-2009 15:18:15	Twilight	34.500	93	53Bet Peg	2.5200	3100.0	69	37568	No
124	GOM_NL__2PRFIN20090507_152228_000000362078_00440_37568_3141.N1	07-MAY-2009 15:22:28	Dark	35.500	90	54Alp Peg	2.4870	11000.	71	37568	No
125	GOM_NL__2PRFIN20090507_153007_000000502078_00440_37568_3142.N1	07-MAY-2009 15:30:07	Dark	49.500	162	34Alp Aqr	2.9440	5350.0	99	37568	No
126	GOM_NL__2PRFIN20090507_155644_000000482078_00441_37569_3143.N1	07-MAY-2009 15:56:44	Straylight	47.500	40	The Sco	1.8590	7100.0	95	37569	No
127	GOM_NL__2PRFIN20090507_155834_000000512078_00441_37569_3144.N1	07-MAY-2009 15:58:34	Straylight	51.000	25	35Lam Sco	1.6200	28000.	102	37569	No
128	GOM_NL__2PRFIN20090507_160119_000000472078_00441_37569_3145.N1	07-MAY-2009 16:01:19	Straylight	47.000	75	26Eps Sco	2.2910	4250.0	94	37569	No
129	GOM_NL__2PRFIN20090507_160445_000000482078_00441_37569_3146.N1	07-MAY-2009 16:04:45	Twilight	48.000	16	21Alp Sco	1.0200	3000.0	96	37569	No
130	GOM_NL__2PRFIN20090507_160643_000000452078_00441_37569_3147.N1	07-MAY-2009 16:06:43	Twilight	44.500	80	7Del Sco	2.3160	30000.	89	37569	No
131	GOM_NL__2PRFIN20090507_161141_000000432078_00441_37569_3148.N1	07-MAY-2009 16:11:41	Bright	42.500	104	27Bet Lib	2.6140	13100.	85	37569	No
132	GOM_NL__2PRFIN20090507_161749_000000402078_00441_37569_3149.N1	07-MAY-2009 16:17:49	Bright	40.000	102	24Alp Ser	2.6000	4250.0	80	37569	No
133	GOM_NL__2PRFIN20090507_162310_000000422078_00441_37569_3150.N1	07-MAY-2009 16:23:10	Bright	41.500	83		2.3780	11000.	83	37569	No
134	GOM_NL__2PRFIN20090507_162437_000000492078_00441_37569_3151.N1	07-MAY-2009 16:24:37	Bright	48.500	67	5Alp CrB	2.2210	11000.	97	37569	No
135	GOM_NL__2PRFIN20090507_163529_000000432078_00441_37569_3152.N1	07-MAY-2009 16:35:29	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	37569	No
136	GOM_NL__2PRFIN20090507_164613_000000382078_00441_37569_3153.N1	07-MAY-2009 16:46:13	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	37569	No
137	GOM_NL__2PRFIN20090507_165851_000000352078_00441_37569_3154.N1	07-MAY-2009 16:58:51	Twilight	35.000	93	53Bet Peg	2.5200	3100.0	70	37569	No
138	GOM_NL__2PRFIN20090507_170304_000000362078_00441_37569_3155.N1	07-MAY-2009 17:03:04	Dark	35.500	90	54Alp Peg	2.4870	11000.	71	37569	No
139	GOM_NL__2PRFIN20090507_171044_000000502078_00441_37569_3156.N1	07-MAY-2009 17:10:44	Dark	49.500	162	34Alp Aqr	2.9440	5350.0	99	37569	No
140	GOM_NL__2PRFIN20090507_173720_000000482078_00442_37570_3159.N1	07-MAY-2009 17:37:20	Straylight	47.500	40	The Sco	1.8590	7100.0	95	37570	No
141	GOM_NL__2PRFIN20090507_173911_000000512078_00442_37570_3160.N1	07-MAY-2009 17:39:11	Straylight	50.500	25	35Lam Sco	1.6200	28000.	101	37570	No
142	GOM_NL__2PRFIN20090507_174156_000000472078_00442_37570_3161.N1	07-MAY-2009 17:41:56	Straylight	46.500	75	26Eps Sco	2.2910	4250.0	93	37570	No
143	GOM_NL__2PRFIN20090507_174522_000000482078_00442_37570_3162.N1	07-MAY-2009 17:45:22	Twilight	48.000	16	21Alp Sco	1.0200	3000.0	96	37570	No
144	GOM_NL__2PRFIN20090507_174720_000000452078_00442_37570_3163.N1	07-MAY-2009 17:47:20	Twilight	44.500	80	7Del Sco	2.3160	30000.	89	37570	No
145	GOM_NL__2PRFIN20090507_175218_000000422078_00442_37570_3164.N1	07-MAY-2009 17:52:18	Bright	42.000	104	27Bet Lib	2.6140	13100.	84	37570	No
146	GOM_NL__2PRFIN20090507_175824_000000472078_00442_37570_3165.N1	07-MAY-2009 17:58:24	Bright	47.000	102	24Alp Ser	2.6000	4250.0	94	37570	No
147	GOM_NL__2PRFIN20090507_180345_000000412078_00442_37570_3166.N1	07-MAY-2009 18:03:45	Bright	40.500	83		2.3780	11000.	81	37570	No
148	GOM_NL__2PRFIN20090507_180512_000000492078_00442_37570_3167.N1	07-MAY-2009 18:05:12	Bright	49.000	67	5Alp CrB	2.2210	11000.	98	37570	No
149	GOM_NL__2PRFIN20090507_181604_000000432078_00442_37570_3168.N1	07-MAY-2009 18:16:04	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	37570	No
150	GOM_NL__2PRFIN20090507_182648_000000372078_00442_37570_3169.N1	07-MAY-2009 18:26:48	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	37570	No
151	GOM_NL__2PRFIN20090507_183927_000000352078_00442_37570_3170.N1	07-MAY-2009 18:39:27	Twilight	34.500	93	53Bet Peg	2.5200	3100.0	69	37570	No
152	GOM_NL__2PRFIN20090507_184341_000000362078_00442_37570_3171.N1	07-MAY-2009 18:43:41	Dark	35.500	90	54Alp Peg	2.4870	11000.	71	37570	No
153	GOM_NL__2PRFIN20090507_185121_000000502078_00442_37570_3172.N1	07-MAY-2009 18:51:21	Dark	49.500	162	34Alp Aqr	2.9440	5350.0	99	37570	No
154	GOM_NL__2PRFIN20090507_191757_000000482078_00443_37571_3175.N1	07-MAY-2009 19:17:57	Straylight	47.500	40	The Sco	1.8590	7100.0	95	37571	No
155	GOM_NL__2PRFIN20090507_191947_000000512078_00443_37571_3176.N1	07-MAY-2009 19:19:47	Straylight	50.500	25	35Lam Sco	1.6200	28000.	101	37571	No
156	GOM_NL__2PRFIN20090507_192232_000000472078_00443_37571_3177.N1	07-MAY-2009 19:22:32	Straylight	47.000	75	26Eps Sco	2.2910	4250.0	94	37571	No
157	GOM_NL__2PRFIN20090507_192557_000000492078_00443_37571_3178.N1	07-MAY-2009 19:25:57	Twilight	48.500	16	21Alp Sco	1.0200	3000.0	97	37571	No
158	GOM_NL__2PRFIN20090507_192756_000000452078_00443_37571_3179.N1	07-MAY-2009 19:27:56	Twilight	44.500	80	7Del Sco	2.3160	30000.	89	37571	No
159	GOM_NL__2PRFIN20090507_193253_000000422078_00443_37571_3180.N1	07-MAY-2009 19:32:53	Bright	42.000	104	27Bet Lib	2.6140	13100.	84	37571	No
160	GOM_NL__2PRFIN20090507_193900_000000472078_00443_37571_3181.N1	07-MAY-2009 19:39:00	Bright	47.000	102	24Alp Ser	2.6000	4250.0	94	37571	No

161	GOM_NL__2PRFIN20090507_194421_000000462078_00443_37571_3182.N1	07-MAY-2009 19:44:21	Bright	45.500	83		2.3780	11000.	91	37571	No
162	GOM_NL__2PRFIN20090507_194547_000000492078_00443_37571_3183.N1	07-MAY-2009 19:45:47	Bright	49.000	67	5Alp CrB	2.2210	11000.	98	37571	No
163	GOM_NL__2PRFIN20090507_195640_000000422078_00443_37571_3184.N1	07-MAY-2009 19:56:40	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	37571	No
164	GOM_NL__2PRFIN20090507_200724_000000382078_00443_37571_3185.N1	07-MAY-2009 20:07:24	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	37571	No
165	GOM_NL__2PRFIN20090507_202003_000000352078_00443_37571_3186.N1	07-MAY-2009 20:20:03	Tw_i_and_stray	34.500	93	53Bet Peg	2.5200	3100.0	69	37571	No
166	GOM_NL__2PRFIN20090507_202417_000000362078_00443_37571_3187.N1	07-MAY-2009 20:24:17	Dark	35.500	90	54Alp Peg	2.4870	11000.	71	37571	No
167	GOM_NL__2PRFIN20090507_203158_000000502078_00443_37571_3188.N1	07-MAY-2009 20:31:58	Dark	50.000	162	34Alp Aqr	2.9440	5350.0	100	37571	No
168	GOM_NL__2PRFIN20090507_205834_000000472078_00444_37572_3214.N1	07-MAY-2009 20:58:34	Straylight	47.000	40	The Sco	1.8590	7100.0	94	37572	No
169	GOM_NL__2PRFIN20090507_210024_000000512078_00444_37572_3215.N1	07-MAY-2009 21:00:24	Straylight	50.500	25	35Lam Sco	1.6200	28000.	101	37572	No
170	GOM_NL__2PRFIN20090507_210309_000000472078_00444_37572_3216.N1	07-MAY-2009 21:03:09	Straylight	46.500	75	26Eps Sco	2.2910	4250.0	93	37572	No
171	GOM_NL__2PRFIN20090507_210634_000000482078_00444_37572_3217.N1	07-MAY-2009 21:06:34	Tw_i_and_stray	48.000	16	21Alp Sco	1.0200	3000.0	96	37572	No
172	GOM_NL__2PRFIN20090507_210832_000000442078_00444_37572_3218.N1	07-MAY-2009 21:08:32	Tw_i_and_stray	44.000	80	7Del Sco	2.3160	30000.	88	37572	No
173	GOM_NL__2PRFIN20090507_211329_000000422078_00444_37572_3219.N1	07-MAY-2009 21:13:29	Bright	41.500	104	27Bet Lib	2.6140	13100.	83	37572	No
174	GOM_NL__2PRFIN20090507_211936_000000512078_00444_37572_3220.N1	07-MAY-2009 21:19:36	Bright	50.500	102	24Alp Ser	2.6000	4250.0	101	37572	No
175	GOM_NL__2PRFIN20090507_212457_000000402078_00444_37572_3221.N1	07-MAY-2009 21:24:57	Bright	40.000	83		2.3780	11000.	80	37572	No
176	GOM_NL__2PRFIN20090507_212623_000000522078_00444_37572_3222.N1	07-MAY-2009 21:26:23	Bright	51.500	67	5Alp CrB	2.2210	11000.	103	37572	No
177	GOM_NL__2PRFIN20090507_213716_000000422078_00444_37572_3223.N1	07-MAY-2009 21:37:16	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	37572	No
178	GOM_NL__2PRFIN20090507_214800_000000372078_00444_37572_3224.N1	07-MAY-2009 21:48:00	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	37572	No
179	GOM_NL__2PRFIN20090507_220039_000000352078_00444_37572_3225.N1	07-MAY-2009 22:00:39	Tw_i_and_stray	34.500	93	53Bet Peg	2.5200	3100.0	69	37572	No
180	GOM_NL__2PRFIN20090507_220454_000000352078_00444_37572_3226.N1	07-MAY-2009 22:04:54	Dark	34.500	90	54Alp Peg	2.4870	11000.	69	37572	No
181	GOM_NL__2PRFIN20090507_221235_000000512078_00444_37572_3227.N1	07-MAY-2009 22:12:35	Dark	50.500	162	34Alp Aqr	2.9440	5350.0	101	37572	No
182	GOM_NL__2PRFIN20090507_223910_000000472078_00445_37573_3229.N1	07-MAY-2009 22:39:10	Straylight	47.000	40	The Sco	1.8590	7100.0	94	37573	No
183	GOM_NL__2PRFIN20090507_224101_000000512078_00445_37573_3230.N1	07-MAY-2009 22:41:01	Straylight	51.000	25	35Lam Sco	1.6200	28000.	102	37573	No
184	GOM_NL__2PRFIN20090507_224345_000000482078_00445_37573_3231.N1	07-MAY-2009 22:43:45	Straylight	47.500	75	26Eps Sco	2.2910	4250.0	95	37573	No
185	GOM_NL__2PRFIN20090507_224710_000000492078_00445_37573_3232.N1	07-MAY-2009 22:47:10	Tw_i_and_stray	48.500	16	21Alp Sco	1.0200	3000.0	97	37573	No
186	GOM_NL__2PRFIN20090507_224908_000000452078_00445_37573_3233.N1	07-MAY-2009 22:49:08	Tw_i_and_stray	45.000	80	7Del Sco	2.3160	30000.	90	37573	No
187	GOM_NL__2PRFIN20090507_225405_000000422078_00445_37573_3234.N1	07-MAY-2009 22:54:05	Bright	42.000	104	27Bet Lib	2.6140	13100.	84	37573	No
188	GOM_NL__2PRFIN20090507_230010_000000512078_00445_37573_3235.N1	07-MAY-2009 23:00:10	Bright	51.000	102	24Alp Ser	2.6000	4250.0	102	37573	No
189	GOM_NL__2PRFIN20090507_230532_000000392078_00445_37573_3236.N1	07-MAY-2009 23:05:32	Bright	39.000	83		2.3780	11000.	78	37573	No
190	GOM_NL__2PRFIN20090507_230657_000000502078_00445_37573_3237.N1	07-MAY-2009 23:06:57	Bright	49.500	67	5Alp CrB	2.2210	11000.	99	37573	No
191	GOM_NL__2PRFIN20090507_231751_000000422078_00445_37573_3238.N1	07-MAY-2009 23:17:51	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	37573	No
192	GOM_NL__2PRFIN20090507_232835_000000372078_00445_37573_3239.N1	07-MAY-2009 23:28:35	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	37573	No
193	GOM_NL__2PRFIN20090507_234115_000000352078_00445_37573_3240.N1	07-MAY-2009 23:41:15	Tw_i_and_stray	34.500	93	53Bet Peg	2.5200	3100.0	69	37573	No
194	GOM_NL__2PRFIN20090507_234530_000000362078_00445_37573_3241.N1	07-MAY-2009 23:45:30	Dark	35.500	90	54Alp Peg	2.4870	11000.	71	37573	No
195	GOM_NL__2PRFIN20090507_235312_000000502078_00445_37573_3242.N1	07-MAY-2009 23:53:12	Dark	50.000	162	34Alp Aqr	2.9440	5350.0	100	37573	No

3. Quality information per product

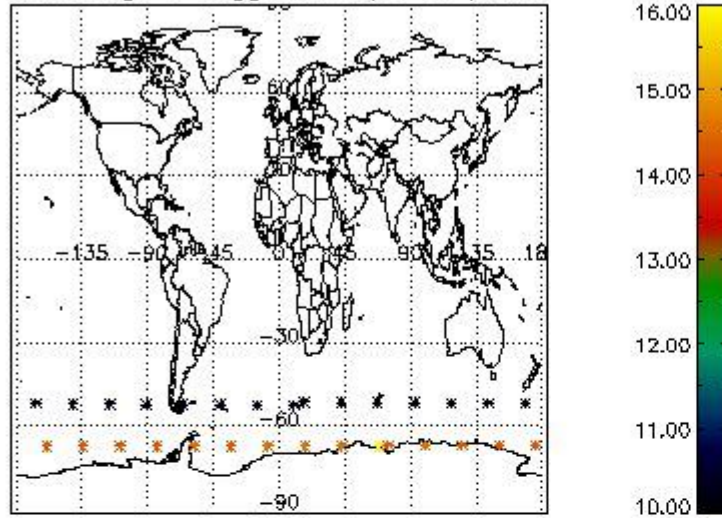
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

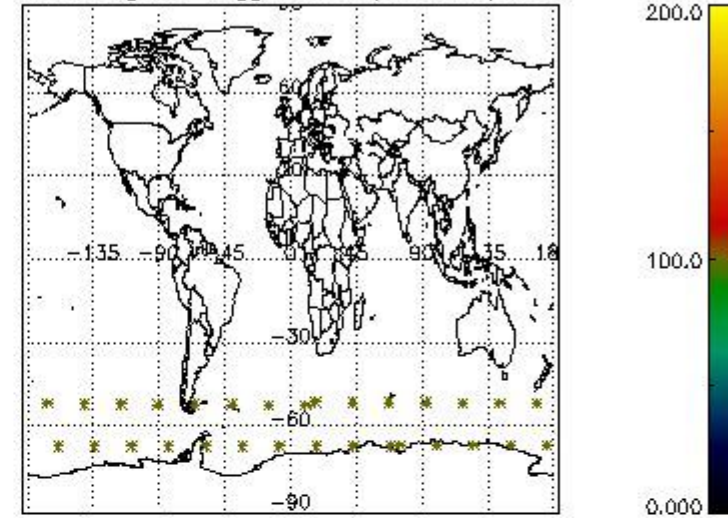


3.2 Plot quality information per product (world map)

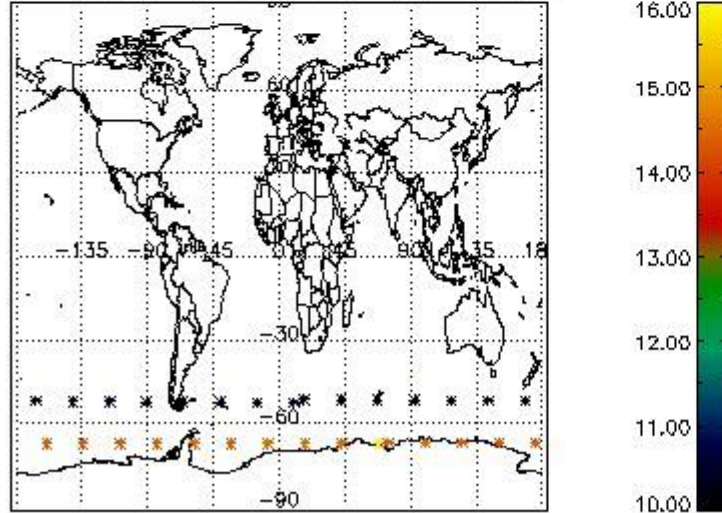
Percentage of flagged data per O3 profile



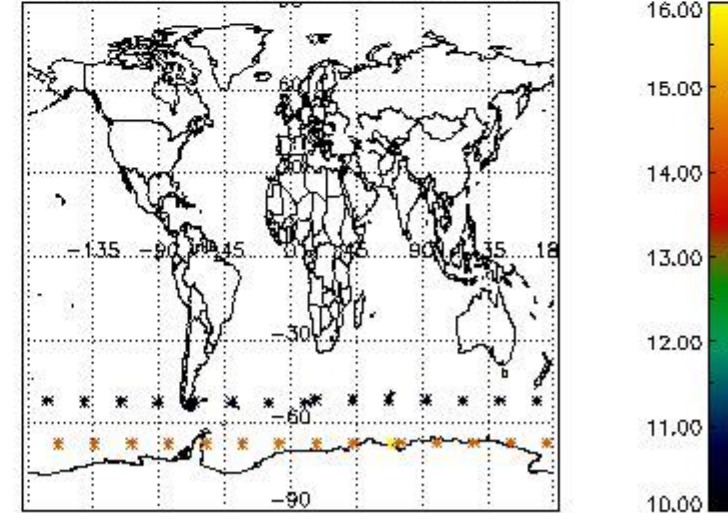
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

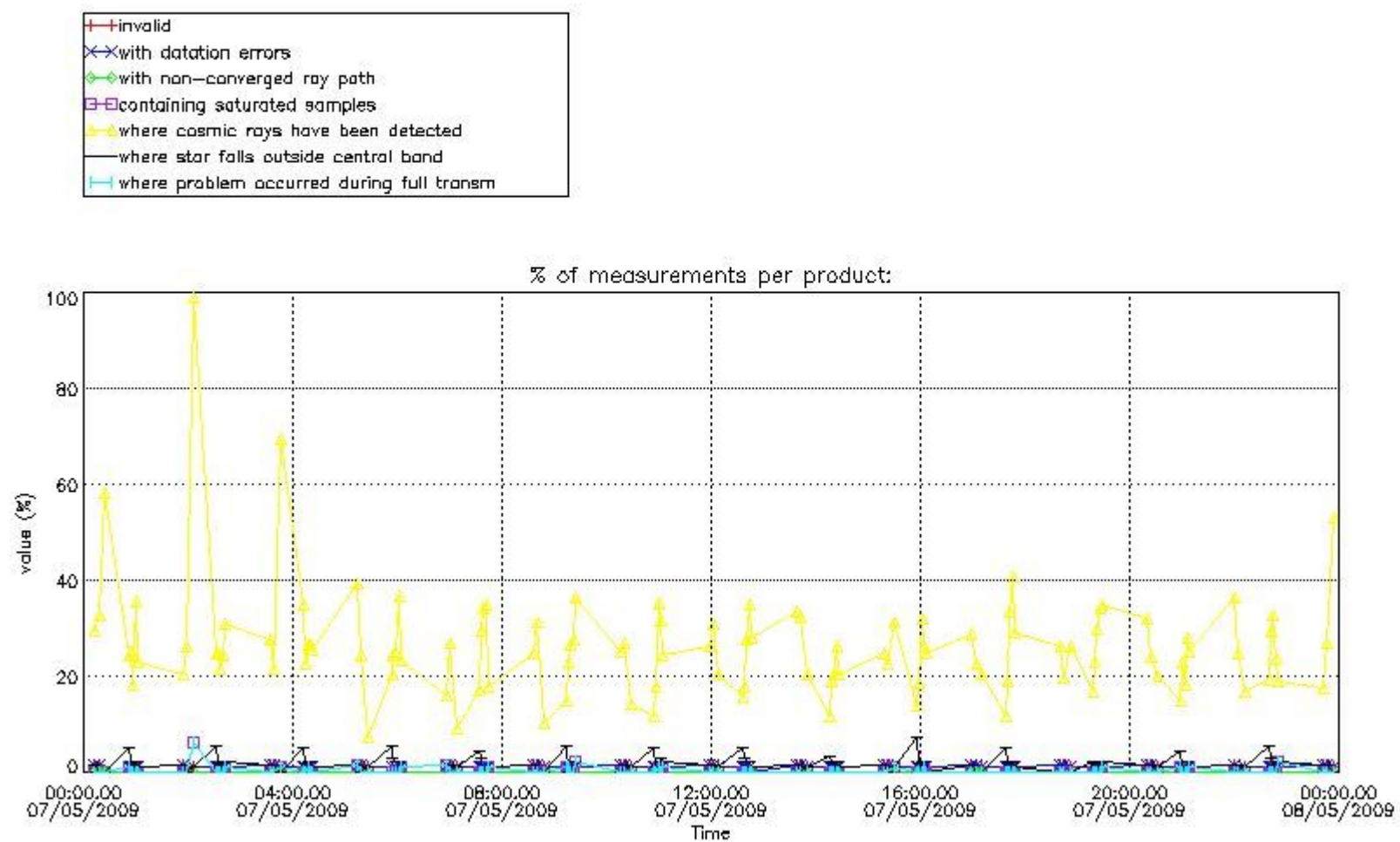


4. Level 1 quality information per product

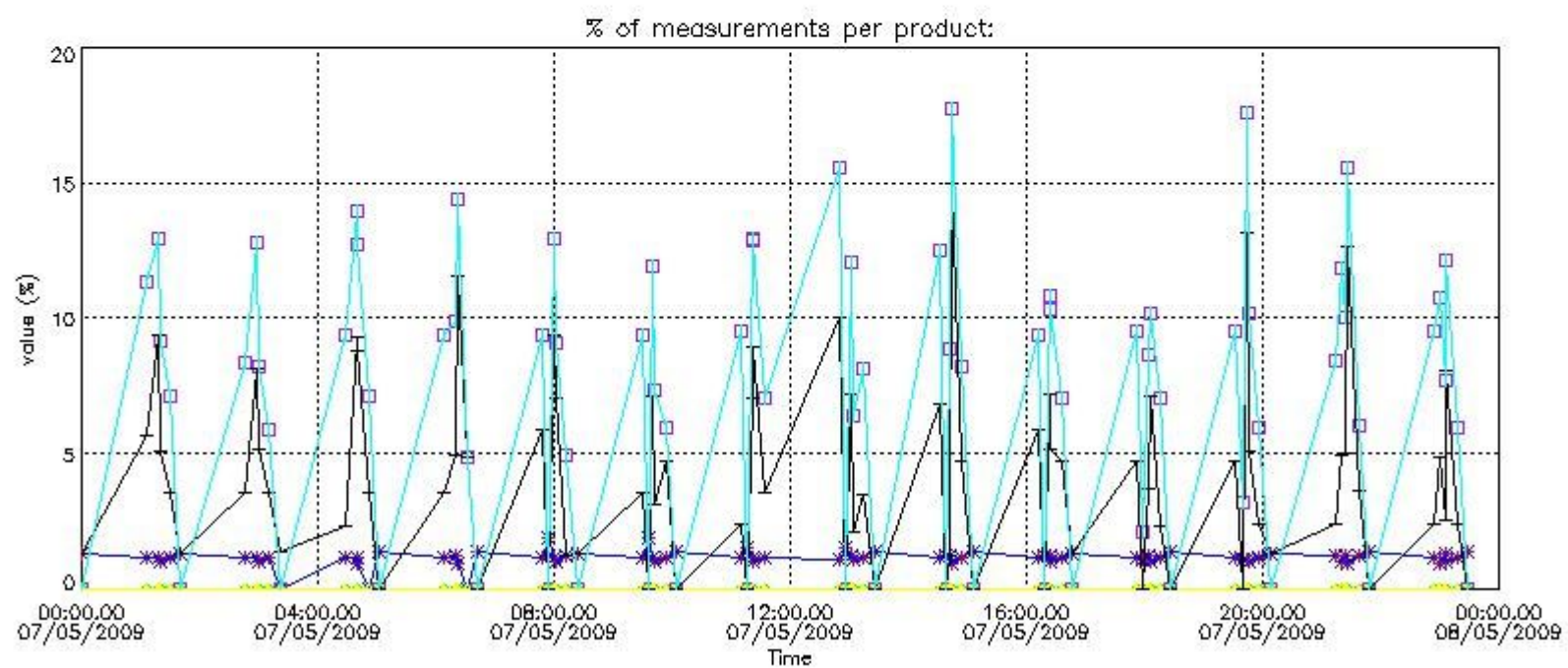
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



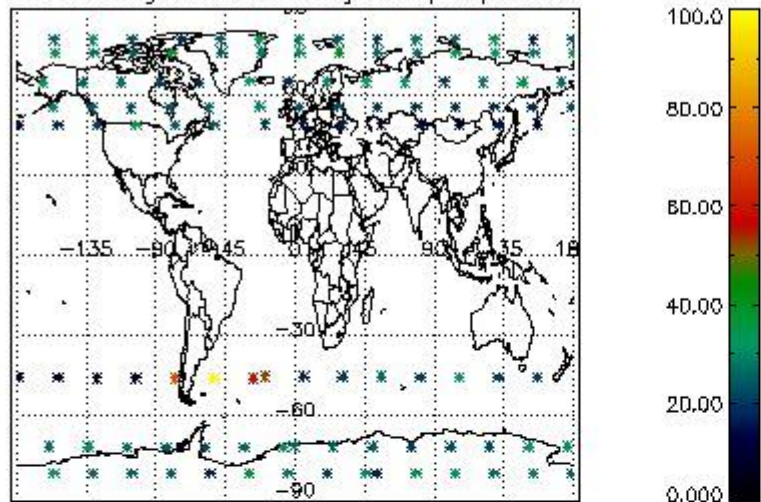
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



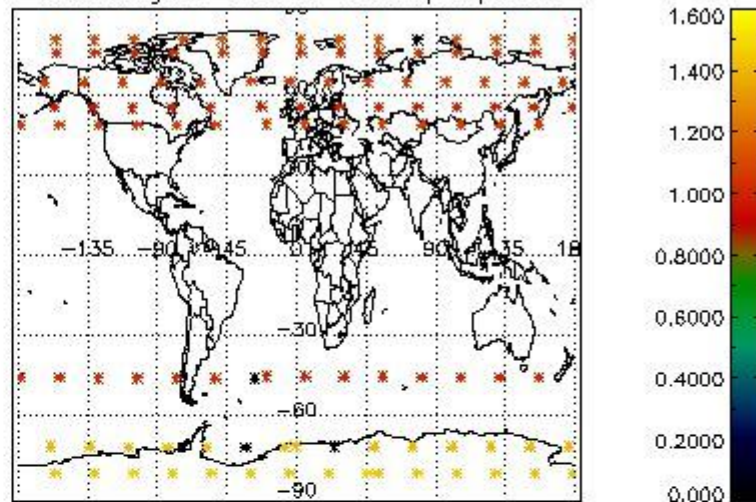
4.2 Plot quality information per product coming from level 1b processing (world map)

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

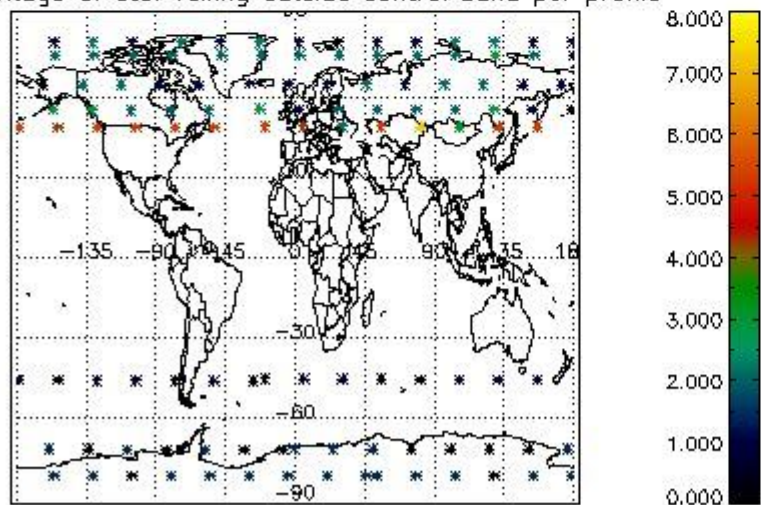
Percentage of cosmic ray hits per profile



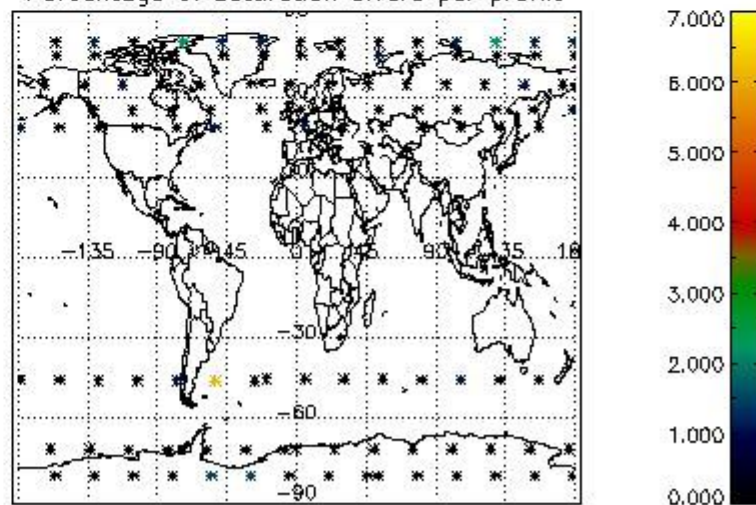
Percentage of datation errors per profile



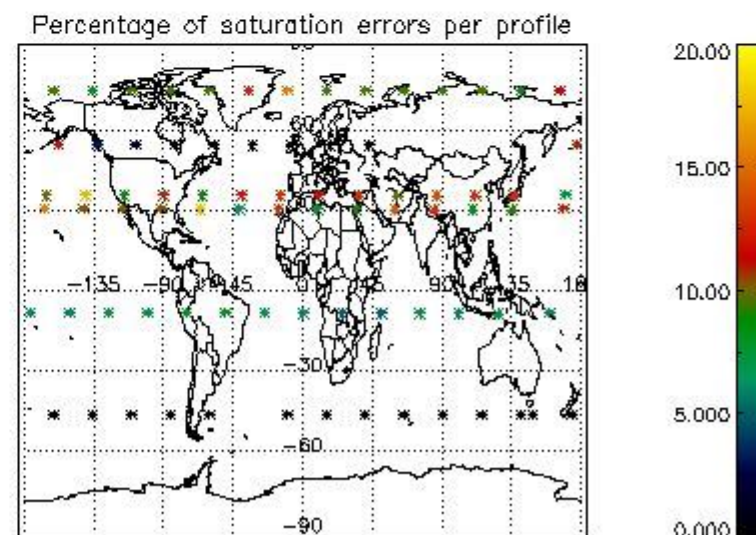
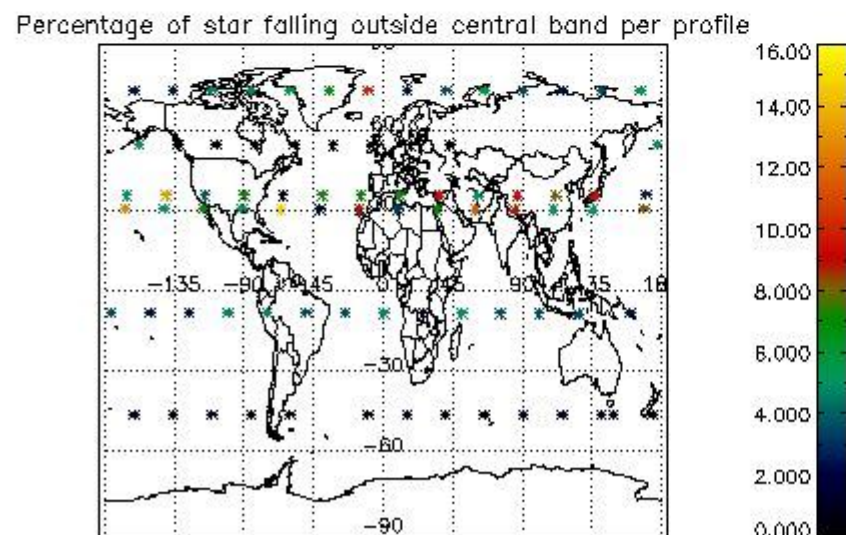
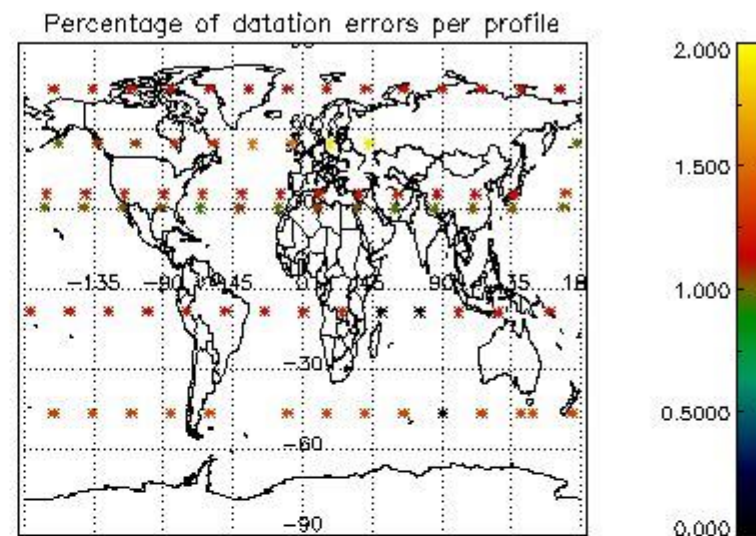
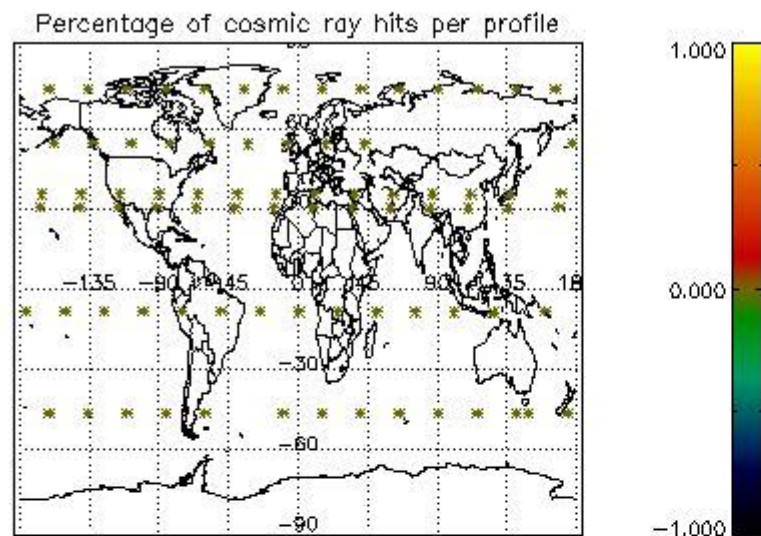
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

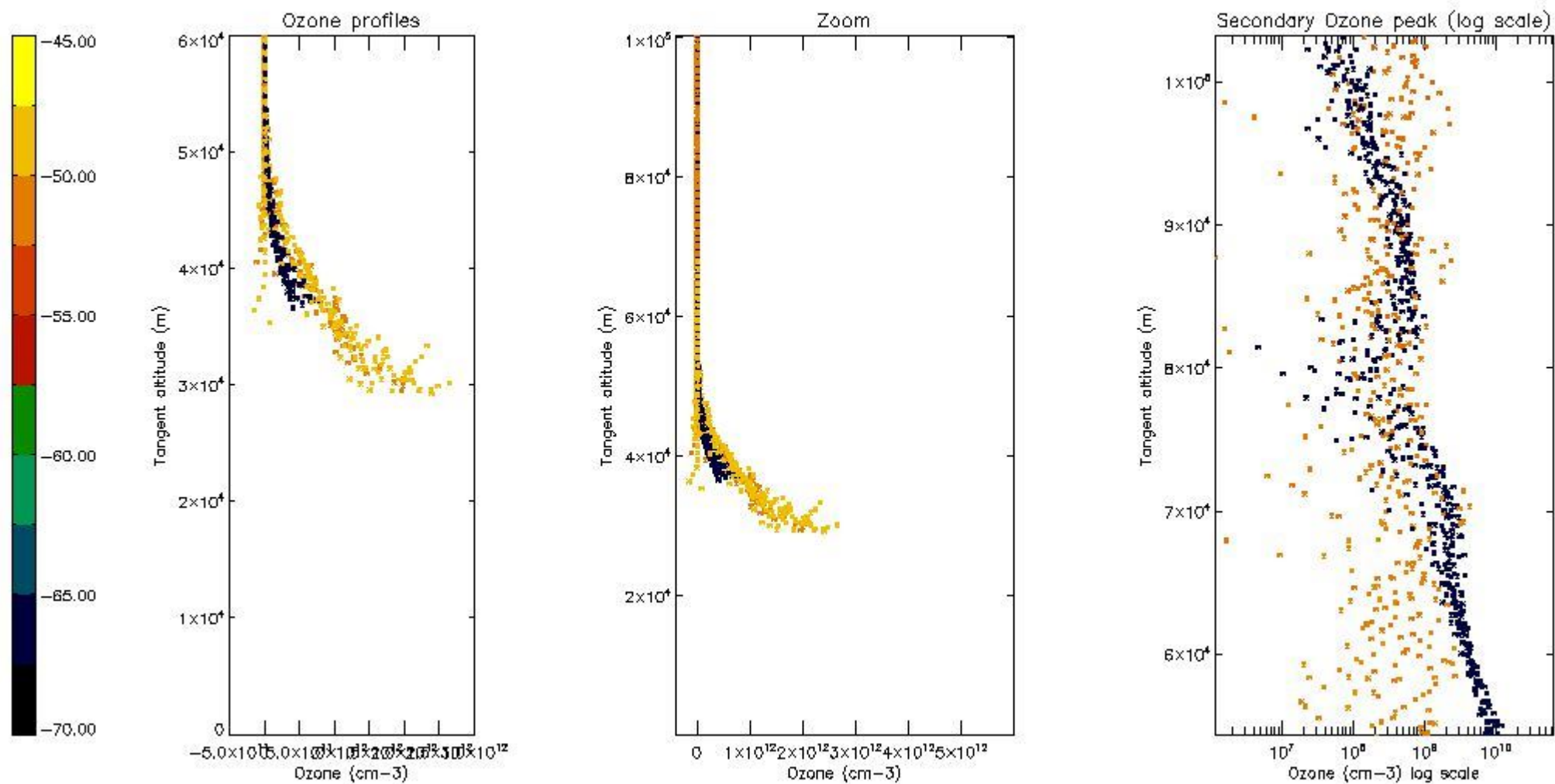
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	15
STD < 20	4

STD < 10	2
STD < 5	1

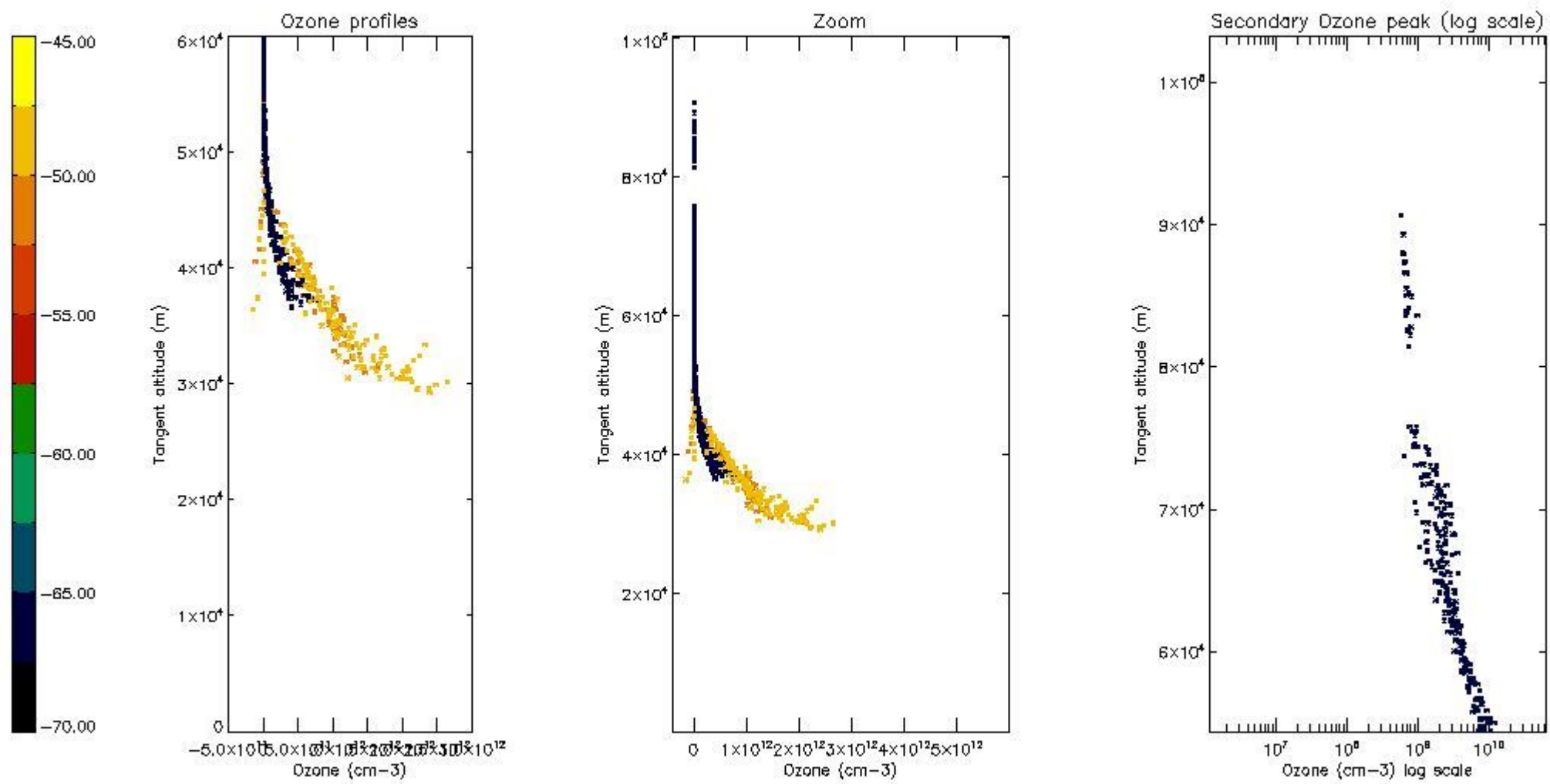
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



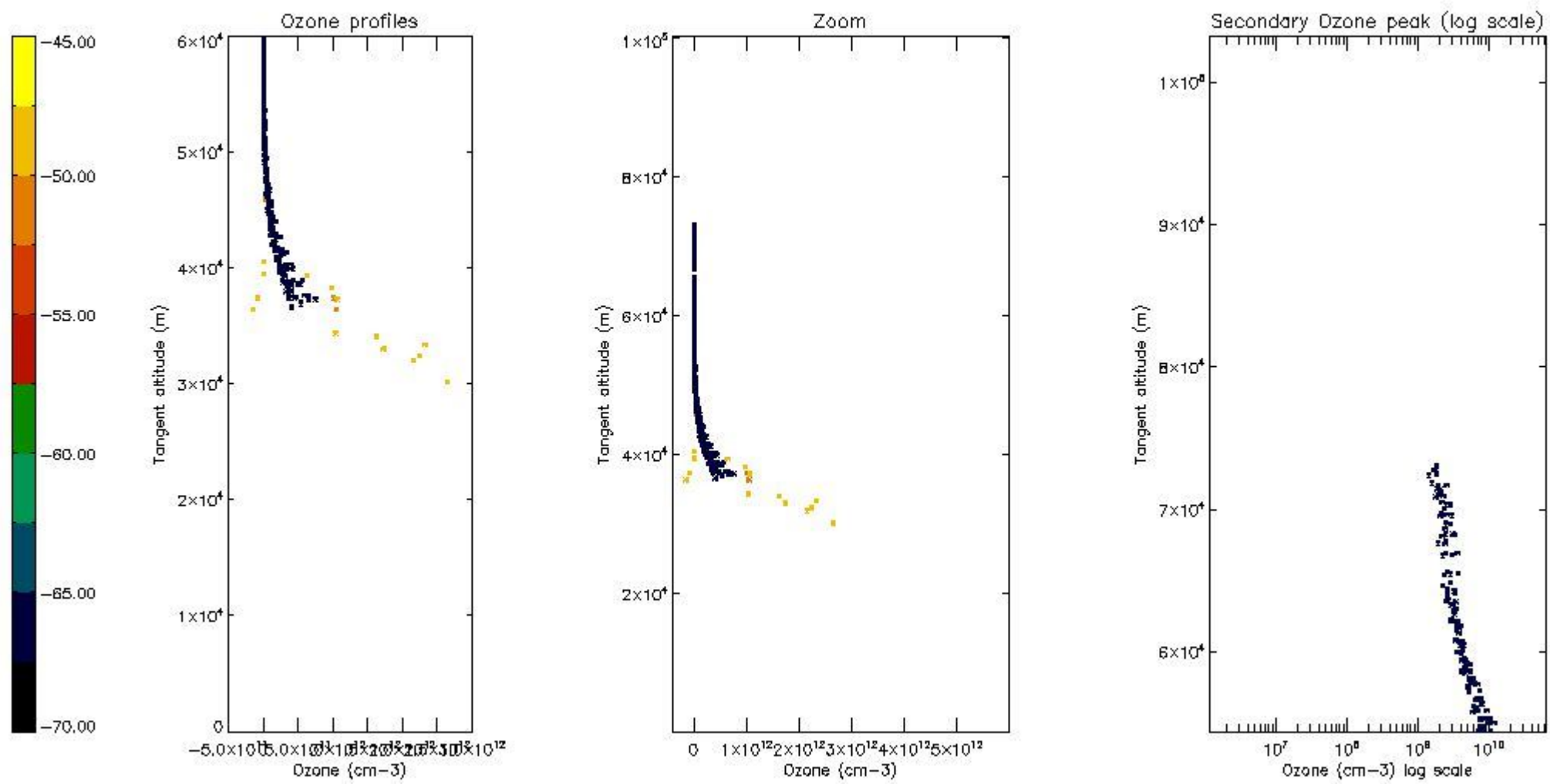
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



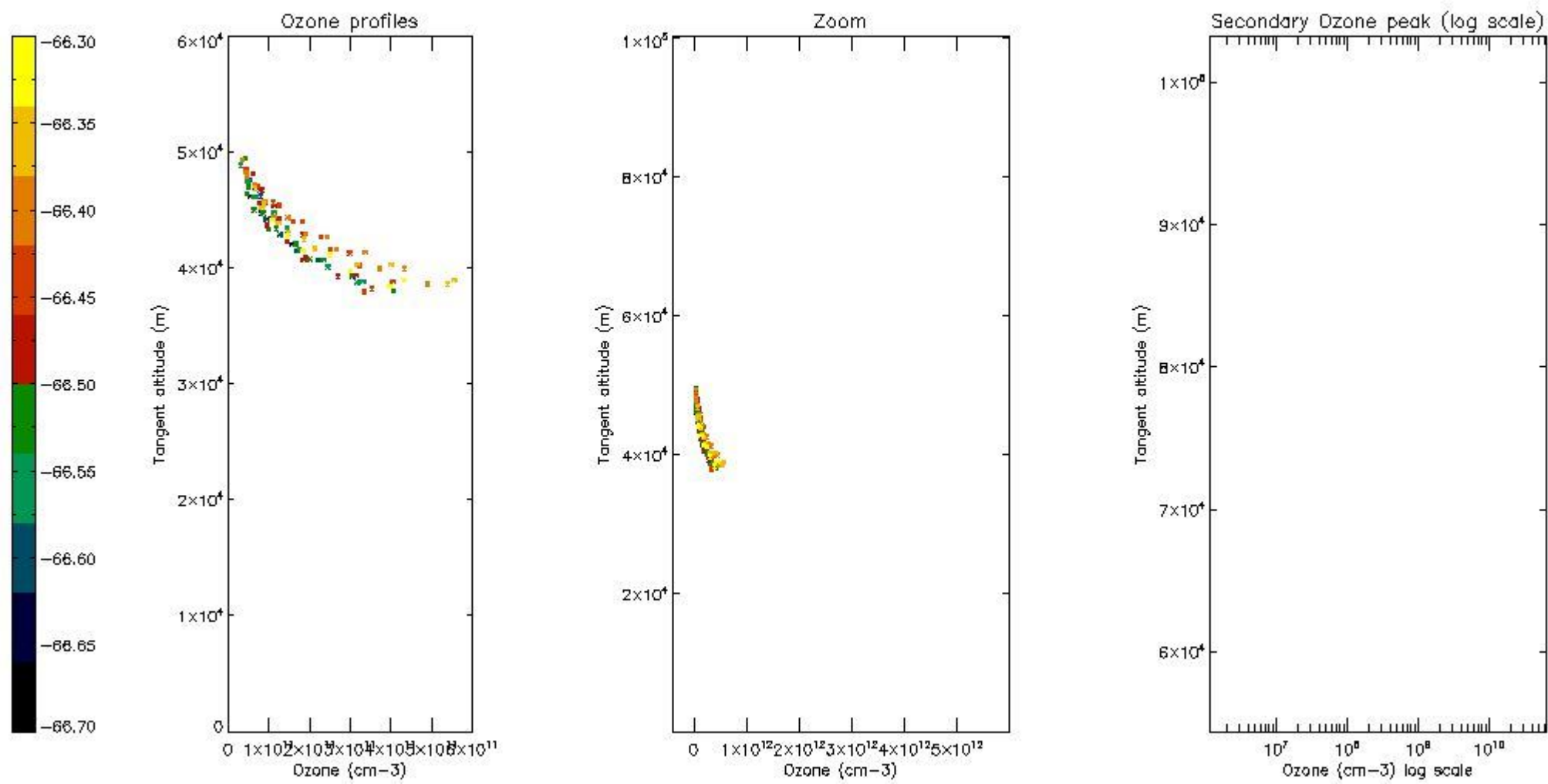
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



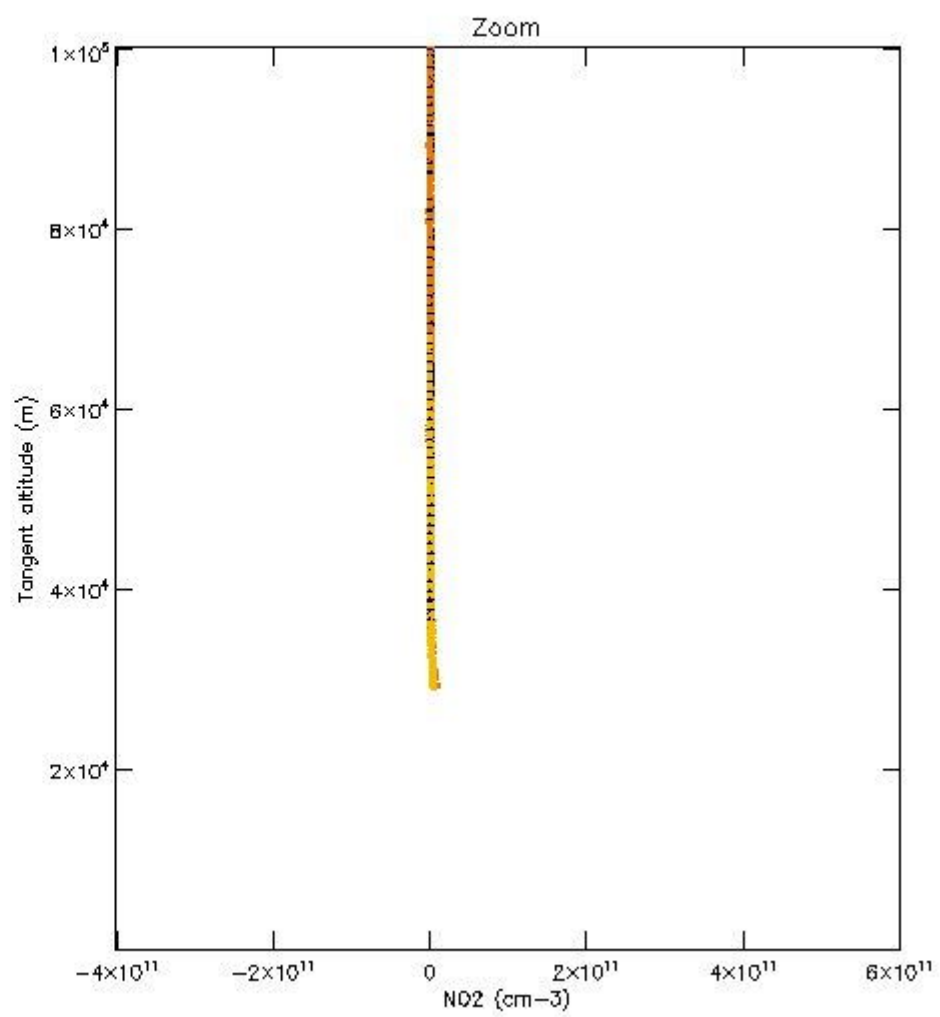
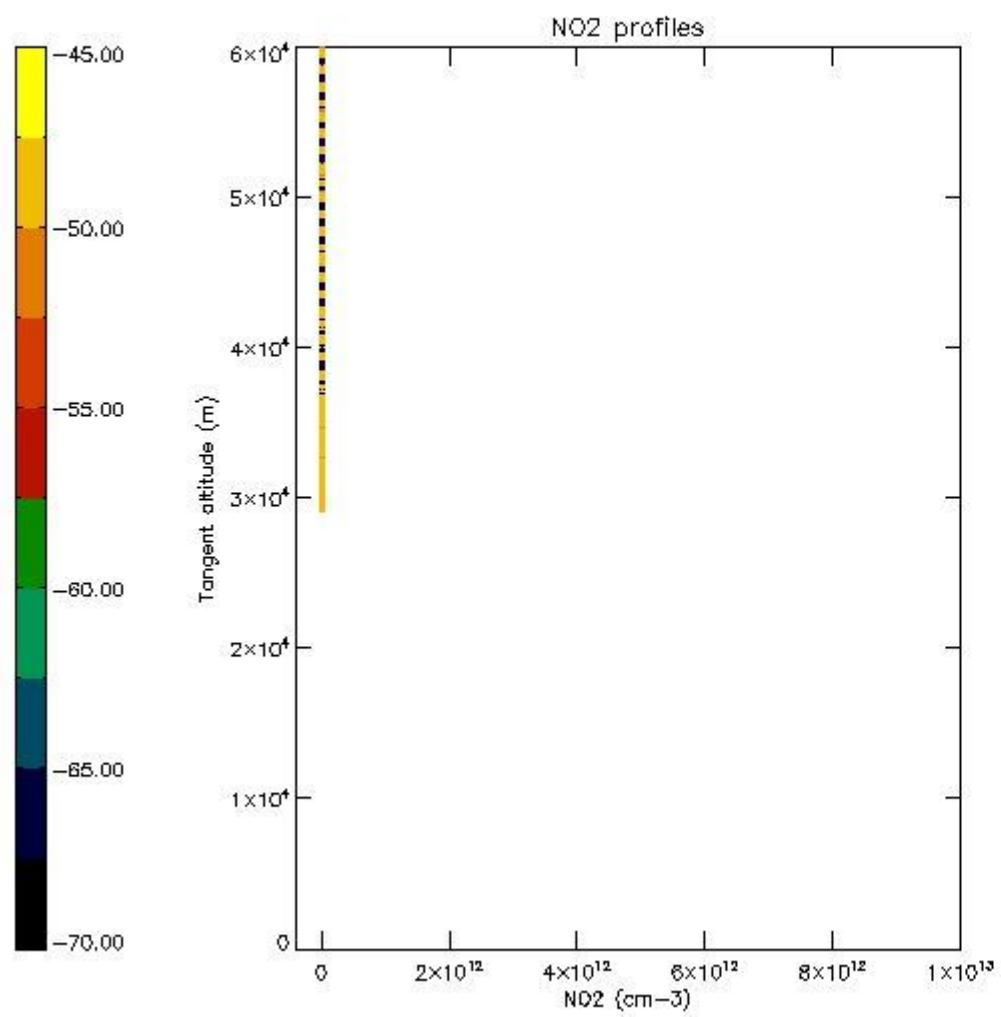
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



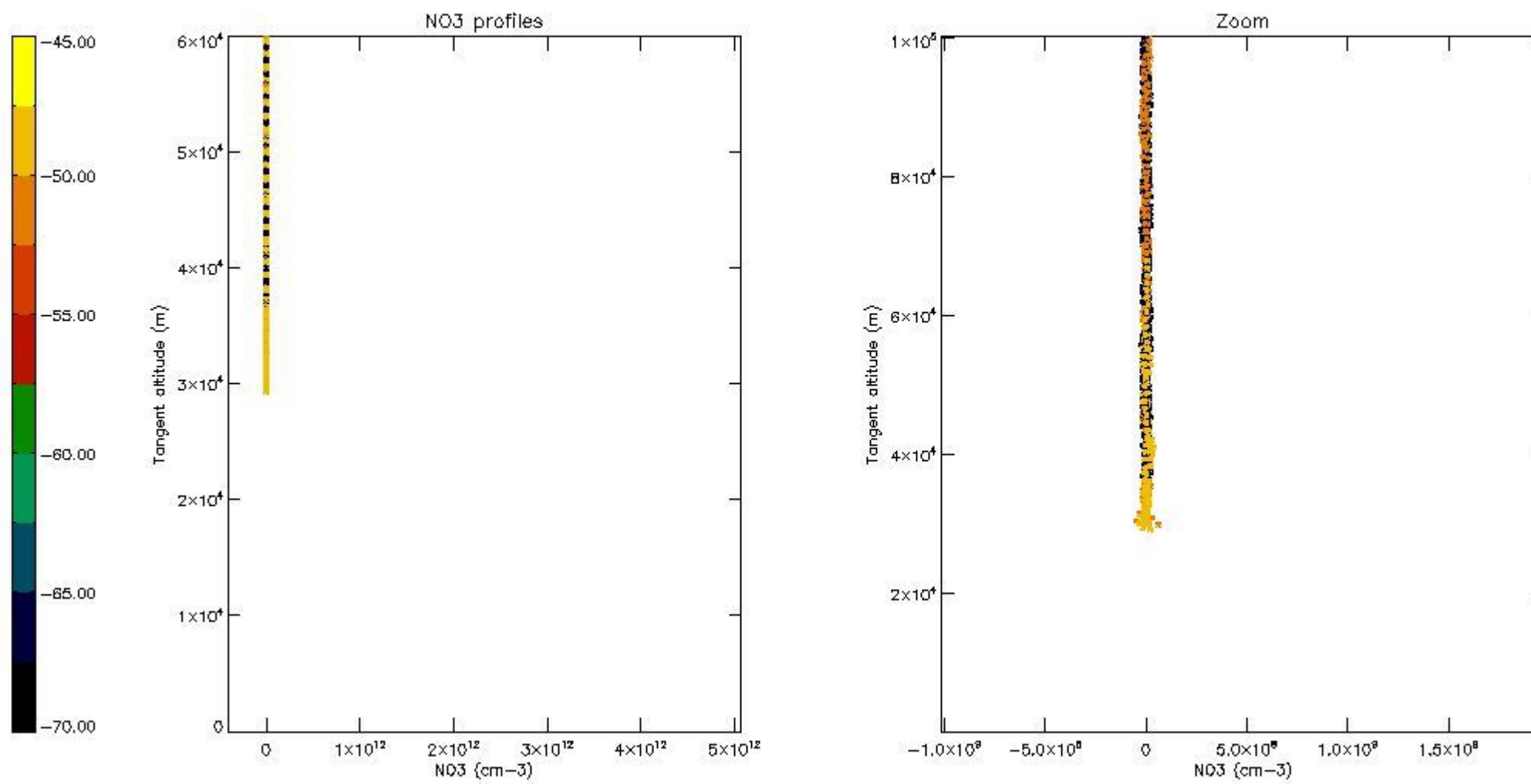
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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	07-MAY-2009 00:00:17
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	07-MAY-2009 00:00:17
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	07-MAY-2009 00:00:17

GOMOS Level 2 Daily Report

SUMMARY

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

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

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[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	26APR2013 09:20:07
Data source version	GOMOS/6.01
Start time of products	07-05-2009 (07MAY2009 00:00:00)
Stop time of products	08-05-2009 (08MAY2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	195
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__2PRFIN20090507_000017_000000382078_00431_37559_2987.N1	07-MAY-2009 00:00:17	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	37559	No
2	GOM_NL__2PRFIN20090507_001250_000000342078_00431_37559_2988.N1	07-MAY-2009 00:12:50	Twilight	34.000	93	53Bet Peg	2.5200	3100.0	68	37559	No
3	GOM_NL__2PRFIN20090507_001701_000000352078_00431_37559_2989.N1	07-MAY-2009 00:17:01	Dark	35.000	90	54Alp Peg	2.4870	11000.	70	37559	No
4	GOM_NL__2PRFIN20090507_002434_000000482078_00431_37559_2990.N1	07-MAY-2009 00:24:34	Dark	48.000	162	34Alp Aqr	2.9440	5350.0	96	37559	No
5	GOM_NL__2PRFIN20090507_005113_000000482078_00432_37560_2994.N1	07-MAY-2009 00:51:13	Straylight	47.500	40	The Sco	1.8590	7100.0	95	37560	No
6	GOM_NL__2PRFIN20090507_005304_000000502078_00432_37560_2995.N1	07-MAY-2009 00:53:04	Straylight	50.000	25	35Lam Sco	1.6200	28000.	100	37560	No
7	GOM_NL__2PRFIN20090507_005550_000000472078_00432_37560_2996.N1	07-MAY-2009 00:55:50	Straylight	47.000	75	26Eps Sco	2.2910	4250.0	94	37560	No
8	GOM_NL__2PRFIN20090507_005918_000000492078_00432_37560_2997.N1	07-MAY-2009 00:59:18	Twilight	49.000	16	21Alp Sco	1.0200	3000.0	98	37560	No
9	GOM_NL__2PRFIN20090507_010117_000000462078_00432_37560_2998.N1	07-MAY-2009 01:01:17	Twilight	45.500	80	7Del Sco	2.3160	30000.	91	37560	No
10	GOM_NL__2PRFIN20090507_010618_000000442078_00432_37560_2999.N1	07-MAY-2009 01:06:18	Bright	44.000	104	27Bet Lib	2.6140	13100.	88	37560	No
11	GOM_NL__2PRFIN20090507_011750_000000432078_00432_37560_3000.N1	07-MAY-2009 01:17:50	Bright	42.500	83		2.3780	11000.	85	37560	No
12	GOM_NL__2PRFIN20090507_011920_000000492078_00432_37560_3001.N1	07-MAY-2009 01:19:20	Bright	49.000	67	5Alp CrB	2.2210	11000.	98	37560	No
13	GOM_NL__2PRFIN20090507_013011_000000422078_00432_37560_3002.N1	07-MAY-2009 01:30:11	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	37560	No
14	GOM_NL__2PRFIN20090507_014052_000000382078_00432_37560_3003.N1	07-MAY-2009 01:40:52	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	37560	No
15	GOM_NL__2PRFIN20090507_015325_000000352078_00432_37560_3004.N1	07-MAY-2009 01:53:25	Twilight	34.500	93	53Bet Peg	2.5200	3100.0	69	37560	No
16	GOM_NL__2PRFIN20090507_015737_000000352078_00432_37560_3005.N1	07-MAY-2009 01:57:37	Dark	34.500	90	54Alp Peg	2.4870	11000.	69	37560	No
17	GOM_NL__2PRFIN20090507_020511_000000492078_00432_37560_3006.N1	07-MAY-2009 02:05:11	Dark	49.000	162	34Alp Aqr	2.9440	5350.0	98	37560	No
18	GOM_NL__2PRFIN20090507_023150_000000472078_00433_37561_3009.N1	07-MAY-2009 02:31:50	Straylight	46.500	40	The Sco	1.8590	7100.0	93	37561	No
19	GOM_NL__2PRFIN20090507_023340_000000512078_00433_37561_3010.N1	07-MAY-2009 02:33:40	Straylight	50.500	25	35Lam Sco	1.6200	28000.	101	37561	No
20	GOM_NL__2PRFIN20090507_023627_000000472078_00433_37561_3011.N1	07-MAY-2009 02:36:27	Straylight	47.000	75	26Eps Sco	2.2910	4250.0	94	37561	No
21	GOM_NL__2PRFIN20090507_023954_000000492078_00433_37561_3012.N1	07-MAY-2009 02:39:54	Twilight	49.000	16	21Alp Sco	1.0200	3000.0	98	37561	No
22	GOM_NL__2PRFIN20090507_024153_000000462078_00433_37561_3013.N1	07-MAY-2009 02:41:53	Twilight	45.500	80	7Del Sco	2.3160	30000.	91	37561	No
23	GOM_NL__2PRFIN20090507_024654_000000422078_00433_37561_3014.N1	07-MAY-2009 02:46:54	Bright	42.000	104	27Bet Lib	2.6140	13100.	84	37561	No
24	GOM_NL__2PRFIN20090507_025825_000000432078_00433_37561_3015.N1	07-MAY-2009 02:58:25	Bright	43.000	83		2.3780	11000.	86	37561	No
25	GOM_NL__2PRFIN20090507_025955_000000492078_00433_37561_3016.N1	07-MAY-2009 02:59:55	Bright	48.500	67	5Alp CrB	2.2210	11000.	97	37561	No
26	GOM_NL__2PRFIN20090507_031046_000000432078_00433_37561_3017.N1	07-MAY-2009 03:10:46	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	37561	No
27	GOM_NL__2PRFIN20090507_032128_000000372078_00433_37561_3018.N1	07-MAY-2009 03:21:28	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	37561	No
28	GOM_NL__2PRFIN20090507_033402_000000352078_00433_37561_3019.N1	07-MAY-2009 03:34:02	Twilight	34.500	93	53Bet Peg	2.5200	3100.0	69	37561	No
29	GOM_NL__2PRFIN20090507_033814_000000352078_00433_37561_3020.N1	07-MAY-2009 03:38:14	Dark	35.000	90	54Alp Peg	2.4870	11000.	70	37561	No
30	GOM_NL__2PRFIN20090507_034548_000000492078_00433_37561_3021.N1	07-MAY-2009 03:45:48	Dark	49.000	162	34Alp Aqr	2.9440	5350.0	98	37561	No
31	GOM_NL__2PRFIN20090507_041226_000000482078_00434_37562_3044.N1	07-MAY-2009 04:12:26	Straylight	47.500	40	The Sco	1.8590	7100.0	95	37562	No
32	GOM_NL__2PRFIN20090507_041416_000000512078_00434_37562_3045.N1	07-MAY-2009 04:14:16	Straylight	51.000	25	35Lam Sco	1.6200	28000.	102	37562	No
33	GOM_NL__2PRFIN20090507_041703_000000472078_00434_37562_3046.N1	07-MAY-2009 04:17:03	Straylight	47.000	75	26Eps Sco	2.2910	4250.0	94	37562	No
34	GOM_NL__2PRFIN20090507_042030_000000492078_00434_37562_3047.N1	07-MAY-2009 04:20:30	Twilight	49.000	16	21Alp Sco	1.0200	3000.0	98	37562	No
35	GOM_NL__2PRFIN20090507_042230_000000462078_00434_37562_3048.N1	07-MAY-2009 04:22:30	Twilight	45.500	80	7Del Sco	2.3160	30000.	91	37562	No
36	GOM_NL__2PRFIN20090507_042730_000000432078_00434_37562_3049.N1	07-MAY-2009 04:27:30	Bright	42.500	104	27Bet Lib	2.6140	13100.	85	37562	No
37	GOM_NL__2PRFIN20090507_043901_000000432078_00434_37562_3050.N1	07-MAY-2009 04:39:01	Bright	43.000	83		2.3780	11000.	86	37562	No
38	GOM_NL__2PRFIN20090507_044030_000000512078_00434_37562_3051.N1	07-MAY-2009 04:40:30	Bright	51.000	67	5Alp CrB	2.2210	11000.	102	37562	No
39	GOM_NL__2PRFIN20090507_045122_000000422078_00434_37562_3052.N1	07-MAY-2009 04:51:22	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	37562	No
40	GOM_NL__2PRFIN20090507_050204_000000372078_00434_37562_3053.N1	07-MAY-2009 05:02:04	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	37562	No
41	GOM_NL__2PRFIN20090507_051438_000000352078_00434_37562_3054.N1	07-MAY-2009 05:14:38	Twilight	34.500	93	53Bet Peg	2.5200	3100.0	69	37562	No
42	GOM_NL__2PRFIN20090507_051850_000000352078_00434_37562_3055.N1	07-MAY-2009 05:18:50	Dark	35.000	90	54Alp Peg	2.4870	11000.	70	37562	No

43	GOM_NL__2PRFIN20090507_052625_000000492078_00434_37562_3056.N1	07-MAY-2009 05:26:25	Dark	49.000	162	34Alp Aqr	2.9440	5350.0	98	37562	No
44	GOM_NL__2PRFIN20090507_055304_000000472078_00435_37563_3055.N1	07-MAY-2009 05:53:04	Straylight	46.500	40	The Sco	1.8590	7100.0	93	37563	No
45	GOM_NL__2PRFIN20090507_055454_000000512078_00435_37563_3056.N1	07-MAY-2009 05:54:54	Straylight	51.000	25	35Lam Sco	1.6200	28000.	102	37563	No
46	GOM_NL__2PRFIN20090507_055740_000000482078_00435_37563_3057.N1	07-MAY-2009 05:57:40	Straylight	47.500	75	26Eps Sco	2.2910	4250.0	95	37563	No
47	GOM_NL__2PRFIN20090507_060107_000000492078_00435_37563_3058.N1	07-MAY-2009 06:01:07	Tw_i_and_stray	49.000	16	21Alp Sco	1.0200	3000.0	98	37563	No
48	GOM_NL__2PRFIN20090507_060306_000000452078_00435_37563_3059.N1	07-MAY-2009 06:03:06	Tw_i_and_stray	45.000	80	7Del Sco	2.3160	30000.	90	37563	No
49	GOM_NL__2PRFIN20090507_060806_000000432078_00435_37563_3060.N1	07-MAY-2009 06:08:06	Bright	42.500	104	27Bet Lib	2.6140	13100.	85	37563	No
50	GOM_NL__2PRFIN20090507_061937_000000412078_00435_37563_3061.N1	07-MAY-2009 06:19:37	Bright	40.500	83		2.3780	11000.	81	37563	No
51	GOM_NL__2PRFIN20090507_062105_000000522078_00435_37563_3062.N1	07-MAY-2009 06:21:05	Bright	52.000	67	5Alp CrB	2.2210	11000.	104	37563	No
52	GOM_NL__2PRFIN20090507_063158_000000412078_00435_37563_3063.N1	07-MAY-2009 06:31:58	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	37563	No
53	GOM_NL__2PRFIN20090507_064239_000000372078_00435_37563_3064.N1	07-MAY-2009 06:42:39	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	37563	No
54	GOM_NL__2PRFIN20090507_065514_000000352078_00435_37563_3065.N1	07-MAY-2009 06:55:14	Tw_i_and_stray	34.500	93	53Bet Peg	2.5200	3100.0	69	37563	No
55	GOM_NL__2PRFIN20090507_065926_000000362078_00435_37563_3066.N1	07-MAY-2009 06:59:26	Dark	35.500	90	54Alp Peg	2.4870	11000.	71	37563	No
56	GOM_NL__2PRFIN20090507_070702_000000502078_00435_37563_3067.N1	07-MAY-2009 07:07:02	Dark	49.500	162	34Alp Aqr	2.9440	5350.0	99	37563	No
57	GOM_NL__2PRFIN20090507_073340_000000472078_00436_37564_3069.N1	07-MAY-2009 07:33:40	Straylight	47.000	40	The Sco	1.8590	7100.0	94	37564	No
58	GOM_NL__2PRFIN20090507_073531_000000512078_00436_37564_3070.N1	07-MAY-2009 07:35:31	Straylight	51.000	25	35Lam Sco	1.6200	28000.	102	37564	No
59	GOM_NL__2PRFIN20090507_073816_000000472078_00436_37564_3071.N1	07-MAY-2009 07:38:16	Straylight	47.000	75	26Eps Sco	2.2910	4250.0	94	37564	No
60	GOM_NL__2PRFIN20090507_074143_000000492078_00436_37564_3072.N1	07-MAY-2009 07:41:43	Tw_i_and_stray	48.500	16	21Alp Sco	1.0200	3000.0	97	37564	No
61	GOM_NL__2PRFIN20090507_074342_000000452078_00436_37564_3073.N1	07-MAY-2009 07:43:42	Tw_i_and_stray	45.000	80	7Del Sco	2.3160	30000.	90	37564	No
62	GOM_NL__2PRFIN20090507_074842_000000432078_00436_37564_3074.N1	07-MAY-2009 07:48:42	Bright	42.500	104	27Bet Lib	2.6140	13100.	85	37564	No
63	GOM_NL__2PRFIN20090507_075452_000000262078_00436_37564_3075.N1	07-MAY-2009 07:54:52	Tw_i_and_stray	26.000	102	24Alp Ser	2.6000	4250.0	52	37564	No
64	GOM_NL__2PRFIN20090507_080013_000000432078_00436_37564_3076.N1	07-MAY-2009 08:00:13	Bright	42.500	83		2.3780	11000.	85	37564	No
65	GOM_NL__2PRFIN20090507_080141_000000502078_00436_37564_3077.N1	07-MAY-2009 08:01:41	Bright	49.500	67	5Alp CrB	2.2210	11000.	99	37564	No
66	GOM_NL__2PRFIN20090507_081233_000000412078_00436_37564_3078.N1	07-MAY-2009 08:12:33	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	37564	No
67	GOM_NL__2PRFIN20090507_082315_000000382078_00436_37564_3079.N1	07-MAY-2009 08:23:15	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	37564	No
68	GOM_NL__2PRFIN20090507_083550_000000352078_00436_37564_3080.N1	07-MAY-2009 08:35:50	Tw_i_and_stray	34.500	93	53Bet Peg	2.5200	3100.0	69	37564	No
69	GOM_NL__2PRFIN20090507_084003_000000352078_00436_37564_3081.N1	07-MAY-2009 08:40:03	Dark	35.000	90	54Alp Peg	2.4870	11000.	70	37564	No
70	GOM_NL__2PRFIN20090507_084739_000000492078_00436_37564_3082.N1	07-MAY-2009 08:47:39	Dark	49.000	162	34Alp Aqr	2.9440	5350.0	98	37564	No
71	GOM_NL__2PRFIN20090507_091417_000000472078_00437_37565_3086.N1	07-MAY-2009 09:14:17	Straylight	47.000	40	The Sco	1.8590	7100.0	94	37565	No
72	GOM_NL__2PRFIN20090507_091607_000000512078_00437_37565_3087.N1	07-MAY-2009 09:16:07	Straylight	50.500	25	35Lam Sco	1.6200	28000.	101	37565	No
73	GOM_NL__2PRFIN20090507_091853_000000472078_00437_37565_3088.N1	07-MAY-2009 09:18:53	Straylight	47.000	75	26Eps Sco	2.2910	4250.0	94	37565	No
74	GOM_NL__2PRFIN20090507_092219_000000492078_00437_37565_3089.N1	07-MAY-2009 09:22:19	Tw_i_and_stray	49.000	16	21Alp Sco	1.0200	3000.0	98	37565	No
75	GOM_NL__2PRFIN20090507_092418_000000462078_00437_37565_3090.N1	07-MAY-2009 09:24:18	Tw_i_and_stray	45.500	80	7Del Sco	2.3160	30000.	91	37565	No
76	GOM_NL__2PRFIN20090507_092918_000000432078_00437_37565_3091.N1	07-MAY-2009 09:29:18	Bright	42.500	104	27Bet Lib	2.6140	13100.	85	37565	No
77	GOM_NL__2PRFIN20090507_093527_000000262078_00437_37565_3092.N1	07-MAY-2009 09:35:27	Tw_i_and_stray	26.000	102	24Alp Ser	2.6000	4250.0	52	37565	No
78	GOM_NL__2PRFIN20090507_094047_000000422078_00437_37565_3093.N1	07-MAY-2009 09:40:47	Bright	42.000	83		2.3780	11000.	84	37565	No
79	GOM_NL__2PRFIN20090507_094216_000000482078_00437_37565_3094.N1	07-MAY-2009 09:42:16	Bright	47.500	67	5Alp CrB	2.2210	11000.	95	37565	No
80	GOM_NL__2PRFIN20090507_095308_000000422078_00437_37565_3095.N1	07-MAY-2009 09:53:08	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	37565	No
81	GOM_NL__2PRFIN20090507_100350_000000372078_00437_37565_3096.N1	07-MAY-2009 10:03:50	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	37565	No
82	GOM_NL__2PRFIN20090507_101626_000000342078_00437_37565_3097.N1	07-MAY-2009 10:16:26	Tw_i_and_stray	34.000	93	53Bet Peg	2.5200	3100.0	68	37565	No
83	GOM_NL__2PRFIN20090507_102039_000000362078_00437_37565_3098.N1	07-MAY-2009 10:20:39	Dark	35.500	90	54Alp Peg	2.4870	11000.	71	37565	No
84	GOM_NL__2PRFIN20090507_102816_000000502078_00437_37565_3099.N1	07-MAY-2009 10:28:16	Dark	49.500	162	34Alp Aqr	2.9440	5350.0	99	37565	No
85	GOM_NL__2PRFIN20090507_105453_000000482078_00438_37566_3100.N1	07-MAY-2009 10:54:53	Straylight	47.500	40	The Sco	1.8590	7100.0	95	37566	No
86	GOM_NL__2PRFIN20090507_105644_000000512078_00438_37566_3101.N1	07-MAY-2009 10:56:44	Straylight	50.500	25	35Lam Sco	1.6200	28000.	101	37566	No
87	GOM_NL__2PRFIN20090507_105929_000000472078_00438_37566_3102.N1	07-MAY-2009 10:59:29	Straylight	47.000	75	26Eps Sco	2.2910	4250.0	94	37566	No
88	GOM_NL__2PRFIN20090507_110256_000000492078_00438_37566_3103.N1	07-MAY-2009 11:02:56	Tw_i_and_stray	49.000	16	21Alp Sco	1.0200	3000.0	98	37566	No
89	GOM_NL__2PRFIN20090507_110455_000000452078_00438_37566_3104.N1	07-MAY-2009 11:04:55	Tw_i_and_stray	45.000	80	7Del Sco	2.3160	30000.	90	37566	No
90	GOM_NL__2PRFIN20090507_110954_000000422078_00438_37566_3105.N1	07-MAY-2009 11:09:54	Bright	42.000	104	27Bet Lib	2.6140	13100.	84	37566	No
91	GOM_NL__2PRFIN20090507_111602_000000332078_00438_37566_3106.N1	07-MAY-2009 11:16:02	Tw_i_and_stray	33.000	102	24Alp Ser	2.6000	4250.0	66	37566	No
92	GOM_NL__2PRFIN20090507_112123_000000432078_00438_37566_3107.N1	07-MAY-2009 11:21:23	Bright	42.500	83		2.3780	11000.	85	37566	No
93	GOM_NL__2PRFIN20090507_112251_000000512078_00438_37566_3108.N1	07-MAY-2009 11:22:51	Bright	50.500	67	5Alp CrB	2.2210	11000.	101	37566	No
94	GOM_NL__2PRFIN20090507_113343_000000432078_00438_37566_3109.N1	07-MAY-2009 11:33:43	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	37566	No
95	GOM_NL__2PRFIN20090507_115702_000000352078_00438_37566_3110.N1	07-MAY-2009 11:57:02	Tw_i_and_stray	34.500	93	53Bet Peg	2.5200	3100.0	69	37566	No
96	GOM_NL__2PRFIN20090507_120115_000000362078_00438_37566_3111.N1	07-MAY-2009 12:01:15	Dark	35.500	90	54Alp Peg	2.4870	11000.	71	37566	No
97	GOM_NL__2PRFIN20090507_120853_000000502078_00438_37566_3112.N1	07-MAY-2009 12:08:53	Dark	49.500	162	34Alp Aqr	2.9440	5350.0	99	37566	No
98	GOM_NL__2PRFIN20090507_123530_000000482078_00439_37567_3114.N1	07-MAY-2009 12:35:30	Straylight	47.500	40	The Sco	1.8590	7100.0	95	37567	No
99	GOM_NL__2PRFIN20090507_123720_000000512078_00439_37567_3115.N1	07-MAY-2009 12:37:20	Straylight	51.000	25	35Lam Sco	1.6200	28000.	102	37567	No
100	GOM_NL__2PRFIN20090507_124006_000000472078_00439_37567_3116.N1	07-MAY-2009 12:40:06	Straylight	47.000	75	26Eps Sco	2.2910	4250.0	94	37567	No
101	GOM_NL__2PRFIN20090507_124332_000000492078_00439_37567_3117.N1	07-MAY-2009 12:43:32	Tw_i_and_stray	48.500	16	21Alp Sco	1.0200	3000.0	97	37567	No

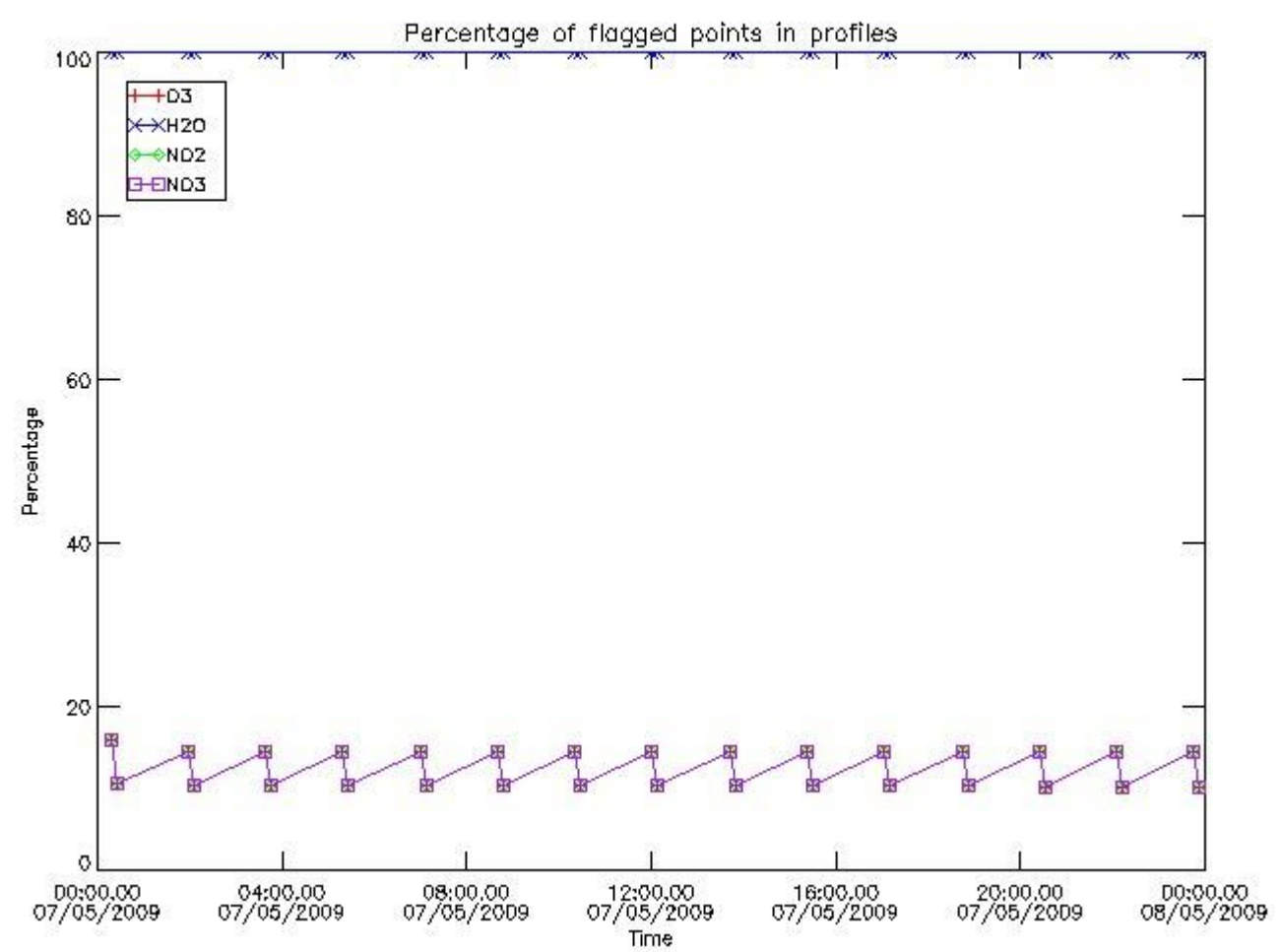
102	GOM_NL__2PRFIN20090507_124531_000000452078_00439_37567_3118.N1	07-MAY-2009 12:45:31	Twilight	44.500	80	7Del Sco	2.3160	30000.	89	37567	No
103	GOM_NL__2PRFIN20090507_125030_000000452078_00439_37567_3119.N1	07-MAY-2009 12:50:30	Bright	45.000	104	27Bet Lib	2.6140	13100.	90	37567	No
104	GOM_NL__2PRFIN20090507_125638_000000332078_00439_37567_3120.N1	07-MAY-2009 12:56:38	Twilight	33.000	102	24Alp Ser	2.6000	4250.0	66	37567	No
105	GOM_NL__2PRFIN20090507_130159_000000422078_00439_37567_3121.N1	07-MAY-2009 13:01:59	Bright	41.500	83		2.3780	11000.	83	37567	No
106	GOM_NL__2PRFIN20090507_130326_000000472078_00439_37567_3122.N1	07-MAY-2009 13:03:26	Bright	47.000	67	5Alp CrB	2.2210	11000.	94	37567	No
107	GOM_NL__2PRFIN20090507_131418_000000432078_00439_37567_3123.N1	07-MAY-2009 13:14:18	Bright	43.000	119	14Eta Dra	2.7270	4700.0	86	37567	No
108	GOM_NL__2PRFIN20090507_132501_000000372078_00439_37567_3124.N1	07-MAY-2009 13:25:01	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	37567	No
109	GOM_NL__2PRFIN20090507_133739_000000352078_00439_37567_3125.N1	07-MAY-2009 13:37:39	Twilight	34.500	93	53Bet Peg	2.5200	3100.0	69	37567	No
110	GOM_NL__2PRFIN20090507_134151_000000362078_00439_37567_3126.N1	07-MAY-2009 13:41:51	Dark	35.500	90	54Alp Peg	2.4870	11000.	71	37567	No
111	GOM_NL__2PRFIN20090507_134930_000000502078_00439_37567_3127.N1	07-MAY-2009 13:49:30	Dark	49.500	162	34Alp Aqr	2.9440	5350.0	99	37567	No
112	GOM_NL__2PRFIN20090507_141607_000000472078_00440_37568_3129.N1	07-MAY-2009 14:16:07	Straylight	47.000	40	The Sco	1.8590	7100.0	94	37568	No
113	GOM_NL__2PRFIN20090507_141757_000000512078_00440_37568_3130.N1	07-MAY-2009 14:17:57	Straylight	50.500	25	35Lam Sco	1.6200	28000.	101	37568	No
114	GOM_NL__2PRFIN20090507_142042_000000472078_00440_37568_3131.N1	07-MAY-2009 14:20:42	Straylight	47.000	75	26Eps Sco	2.2910	4250.0	94	37568	No
115	GOM_NL__2PRFIN20090507_142408_000000482078_00440_37568_3132.N1	07-MAY-2009 14:24:08	Twilight	48.000	16	21Alp Sco	1.0200	3000.0	96	37568	No
116	GOM_NL__2PRFIN20090507_142607_000000452078_00440_37568_3133.N1	07-MAY-2009 14:26:07	Twilight	44.500	80	7Del Sco	2.3160	30000.	89	37568	No
117	GOM_NL__2PRFIN20090507_143105_000000442078_00440_37568_3134.N1	07-MAY-2009 14:31:05	Bright	44.000	104	27Bet Lib	2.6140	13100.	88	37568	No
118	GOM_NL__2PRFIN20090507_143713_000000402078_00440_37568_3135.N1	07-MAY-2009 14:37:13	Bright	40.000	102	24Alp Ser	2.6000	4250.0	80	37568	No
119	GOM_NL__2PRFIN20090507_144234_000000402078_00440_37568_3136.N1	07-MAY-2009 14:42:34	Bright	39.500	83		2.3780	11000.	79	37568	No
120	GOM_NL__2PRFIN20090507_144401_000000542078_00440_37568_3137.N1	07-MAY-2009 14:44:01	Bright	53.500	67	5Alp CrB	2.2210	11000.	107	37568	No
121	GOM_NL__2PRFIN20090507_145454_000000432078_00440_37568_3138.N1	07-MAY-2009 14:54:54	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	37568	No
122	GOM_NL__2PRFIN20090507_150537_000000372078_00440_37568_3139.N1	07-MAY-2009 15:05:37	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	37568	No
123	GOM_NL__2PRFIN20090507_151815_000000352078_00440_37568_3140.N1	07-MAY-2009 15:18:15	Twilight	34.500	93	53Bet Peg	2.5200	3100.0	69	37568	No
124	GOM_NL__2PRFIN20090507_152228_000000362078_00440_37568_3141.N1	07-MAY-2009 15:22:28	Dark	35.500	90	54Alp Peg	2.4870	11000.	71	37568	No
125	GOM_NL__2PRFIN20090507_153007_000000502078_00440_37568_3142.N1	07-MAY-2009 15:30:07	Dark	49.500	162	34Alp Aqr	2.9440	5350.0	99	37568	No
126	GOM_NL__2PRFIN20090507_155644_000000482078_00441_37569_3143.N1	07-MAY-2009 15:56:44	Straylight	47.500	40	The Sco	1.8590	7100.0	95	37569	No
127	GOM_NL__2PRFIN20090507_155834_000000512078_00441_37569_3144.N1	07-MAY-2009 15:58:34	Straylight	51.000	25	35Lam Sco	1.6200	28000.	102	37569	No
128	GOM_NL__2PRFIN20090507_160119_000000472078_00441_37569_3145.N1	07-MAY-2009 16:01:19	Straylight	47.000	75	26Eps Sco	2.2910	4250.0	94	37569	No
129	GOM_NL__2PRFIN20090507_160445_000000482078_00441_37569_3146.N1	07-MAY-2009 16:04:45	Twilight	48.000	16	21Alp Sco	1.0200	3000.0	96	37569	No
130	GOM_NL__2PRFIN20090507_160643_000000452078_00441_37569_3147.N1	07-MAY-2009 16:06:43	Twilight	44.500	80	7Del Sco	2.3160	30000.	89	37569	No
131	GOM_NL__2PRFIN20090507_161141_000000432078_00441_37569_3148.N1	07-MAY-2009 16:11:41	Bright	42.500	104	27Bet Lib	2.6140	13100.	85	37569	No
132	GOM_NL__2PRFIN20090507_161749_000000402078_00441_37569_3149.N1	07-MAY-2009 16:17:49	Bright	40.000	102	24Alp Ser	2.6000	4250.0	80	37569	No
133	GOM_NL__2PRFIN20090507_162310_000000422078_00441_37569_3150.N1	07-MAY-2009 16:23:10	Bright	41.500	83		2.3780	11000.	83	37569	No
134	GOM_NL__2PRFIN20090507_162437_000000492078_00441_37569_3151.N1	07-MAY-2009 16:24:37	Bright	48.500	67	5Alp CrB	2.2210	11000.	97	37569	No
135	GOM_NL__2PRFIN20090507_163529_000000432078_00441_37569_3152.N1	07-MAY-2009 16:35:29	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	37569	No
136	GOM_NL__2PRFIN20090507_164613_000000382078_00441_37569_3153.N1	07-MAY-2009 16:46:13	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	37569	No
137	GOM_NL__2PRFIN20090507_165851_000000352078_00441_37569_3154.N1	07-MAY-2009 16:58:51	Twilight	35.000	93	53Bet Peg	2.5200	3100.0	70	37569	No
138	GOM_NL__2PRFIN20090507_170304_000000362078_00441_37569_3155.N1	07-MAY-2009 17:03:04	Dark	35.500	90	54Alp Peg	2.4870	11000.	71	37569	No
139	GOM_NL__2PRFIN20090507_171044_000000502078_00441_37569_3156.N1	07-MAY-2009 17:10:44	Dark	49.500	162	34Alp Aqr	2.9440	5350.0	99	37569	No
140	GOM_NL__2PRFIN20090507_173720_000000482078_00442_37570_3159.N1	07-MAY-2009 17:37:20	Straylight	47.500	40	The Sco	1.8590	7100.0	95	37570	No
141	GOM_NL__2PRFIN20090507_173911_000000512078_00442_37570_3160.N1	07-MAY-2009 17:39:11	Straylight	50.500	25	35Lam Sco	1.6200	28000.	101	37570	No
142	GOM_NL__2PRFIN20090507_174156_000000472078_00442_37570_3161.N1	07-MAY-2009 17:41:56	Straylight	46.500	75	26Eps Sco	2.2910	4250.0	93	37570	No
143	GOM_NL__2PRFIN20090507_174522_000000482078_00442_37570_3162.N1	07-MAY-2009 17:45:22	Twilight	48.000	16	21Alp Sco	1.0200	3000.0	96	37570	No
144	GOM_NL__2PRFIN20090507_174720_000000452078_00442_37570_3163.N1	07-MAY-2009 17:47:20	Twilight	44.500	80	7Del Sco	2.3160	30000.	89	37570	No
145	GOM_NL__2PRFIN20090507_175218_000000422078_00442_37570_3164.N1	07-MAY-2009 17:52:18	Bright	42.000	104	27Bet Lib	2.6140	13100.	84	37570	No
146	GOM_NL__2PRFIN20090507_175824_000000472078_00442_37570_3165.N1	07-MAY-2009 17:58:24	Bright	47.000	102	24Alp Ser	2.6000	4250.0	94	37570	No
147	GOM_NL__2PRFIN20090507_180345_000000412078_00442_37570_3166.N1	07-MAY-2009 18:03:45	Bright	40.500	83		2.3780	11000.	81	37570	No
148	GOM_NL__2PRFIN20090507_180512_000000492078_00442_37570_3167.N1	07-MAY-2009 18:05:12	Bright	49.000	67	5Alp CrB	2.2210	11000.	98	37570	No
149	GOM_NL__2PRFIN20090507_181604_000000432078_00442_37570_3168.N1	07-MAY-2009 18:16:04	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	37570	No
150	GOM_NL__2PRFIN20090507_182648_000000372078_00442_37570_3169.N1	07-MAY-2009 18:26:48	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	37570	No
151	GOM_NL__2PRFIN20090507_183927_000000352078_00442_37570_3170.N1	07-MAY-2009 18:39:27	Twilight	34.500	93	53Bet Peg	2.5200	3100.0	69	37570	No
152	GOM_NL__2PRFIN20090507_184341_000000362078_00442_37570_3171.N1	07-MAY-2009 18:43:41	Dark	35.500	90	54Alp Peg	2.4870	11000.	71	37570	No
153	GOM_NL__2PRFIN20090507_185121_000000502078_00442_37570_3172.N1	07-MAY-2009 18:51:21	Dark	49.500	162	34Alp Aqr	2.9440	5350.0	99	37570	No
154	GOM_NL__2PRFIN20090507_191757_000000482078_00443_37571_3175.N1	07-MAY-2009 19:17:57	Straylight	47.500	40	The Sco	1.8590	7100.0	95	37571	No
155	GOM_NL__2PRFIN20090507_191947_000000512078_00443_37571_3176.N1	07-MAY-2009 19:19:47	Straylight	50.500	25	35Lam Sco	1.6200	28000.	101	37571	No
156	GOM_NL__2PRFIN20090507_192232_000000472078_00443_37571_3177.N1	07-MAY-2009 19:22:32	Straylight	47.000	75	26Eps Sco	2.2910	4250.0	94	37571	No
157	GOM_NL__2PRFIN20090507_192557_000000492078_00443_37571_3178.N1	07-MAY-2009 19:25:57	Twilight	48.500	16	21Alp Sco	1.0200	3000.0	97	37571	No
158	GOM_NL__2PRFIN20090507_192756_000000452078_00443_37571_3179.N1	07-MAY-2009 19:27:56	Twilight	44.500	80	7Del Sco	2.3160	30000.	89	37571	No
159	GOM_NL__2PRFIN20090507_193253_000000422078_00443_37571_3180.N1	07-MAY-2009 19:32:53	Bright	42.000	104	27Bet Lib	2.6140	13100.	84	37571	No
160	GOM_NL__2PRFIN20090507_193900_000000472078_00443_37571_3181.N1	07-MAY-2009 19:39:00	Bright	47.000	102	24Alp Ser	2.6000	4250.0	94	37571	No

161	GOM_NL__2PRFIN20090507_194421_000000462078_00443_37571_3182.N1	07-MAY-2009 19:44:21	Bright	45.500	83		2.3780	11000.	91	37571	No
162	GOM_NL__2PRFIN20090507_194547_000000492078_00443_37571_3183.N1	07-MAY-2009 19:45:47	Bright	49.000	67	5Alp CrB	2.2210	11000.	98	37571	No
163	GOM_NL__2PRFIN20090507_195640_000000422078_00443_37571_3184.N1	07-MAY-2009 19:56:40	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	37571	No
164	GOM_NL__2PRFIN20090507_200724_000000382078_00443_37571_3185.N1	07-MAY-2009 20:07:24	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	37571	No
165	GOM_NL__2PRFIN20090507_202003_000000352078_00443_37571_3186.N1	07-MAY-2009 20:20:03	Tw_i_and_stray	34.500	93	53Bet Peg	2.5200	3100.0	69	37571	No
166	GOM_NL__2PRFIN20090507_202417_000000362078_00443_37571_3187.N1	07-MAY-2009 20:24:17	Dark	35.500	90	54Alp Peg	2.4870	11000.	71	37571	No
167	GOM_NL__2PRFIN20090507_203158_000000502078_00443_37571_3188.N1	07-MAY-2009 20:31:58	Dark	50.000	162	34Alp Aqr	2.9440	5350.0	100	37571	No
168	GOM_NL__2PRFIN20090507_205834_000000472078_00444_37572_3214.N1	07-MAY-2009 20:58:34	Straylight	47.000	40	The Sco	1.8590	7100.0	94	37572	No
169	GOM_NL__2PRFIN20090507_210024_000000512078_00444_37572_3215.N1	07-MAY-2009 21:00:24	Straylight	50.500	25	35Lam Sco	1.6200	28000.	101	37572	No
170	GOM_NL__2PRFIN20090507_210309_000000472078_00444_37572_3216.N1	07-MAY-2009 21:03:09	Straylight	46.500	75	26Eps Sco	2.2910	4250.0	93	37572	No
171	GOM_NL__2PRFIN20090507_210634_000000482078_00444_37572_3217.N1	07-MAY-2009 21:06:34	Tw_i_and_stray	48.000	16	21Alp Sco	1.0200	3000.0	96	37572	No
172	GOM_NL__2PRFIN20090507_210832_000000442078_00444_37572_3218.N1	07-MAY-2009 21:08:32	Tw_i_and_stray	44.000	80	7Del Sco	2.3160	30000.	88	37572	No
173	GOM_NL__2PRFIN20090507_211329_000000422078_00444_37572_3219.N1	07-MAY-2009 21:13:29	Bright	41.500	104	27Bet Lib	2.6140	13100.	83	37572	No
174	GOM_NL__2PRFIN20090507_211936_000000512078_00444_37572_3220.N1	07-MAY-2009 21:19:36	Bright	50.500	102	24Alp Ser	2.6000	4250.0	101	37572	No
175	GOM_NL__2PRFIN20090507_212457_000000402078_00444_37572_3221.N1	07-MAY-2009 21:24:57	Bright	40.000	83		2.3780	11000.	80	37572	No
176	GOM_NL__2PRFIN20090507_212623_000000522078_00444_37572_3222.N1	07-MAY-2009 21:26:23	Bright	51.500	67	5Alp CrB	2.2210	11000.	103	37572	No
177	GOM_NL__2PRFIN20090507_213716_000000422078_00444_37572_3223.N1	07-MAY-2009 21:37:16	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	37572	No
178	GOM_NL__2PRFIN20090507_214800_000000372078_00444_37572_3224.N1	07-MAY-2009 21:48:00	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	37572	No
179	GOM_NL__2PRFIN20090507_220039_000000352078_00444_37572_3225.N1	07-MAY-2009 22:00:39	Tw_i_and_stray	34.500	93	53Bet Peg	2.5200	3100.0	69	37572	No
180	GOM_NL__2PRFIN20090507_220454_000000352078_00444_37572_3226.N1	07-MAY-2009 22:04:54	Dark	34.500	90	54Alp Peg	2.4870	11000.	69	37572	No
181	GOM_NL__2PRFIN20090507_221235_000000512078_00444_37572_3227.N1	07-MAY-2009 22:12:35	Dark	50.500	162	34Alp Aqr	2.9440	5350.0	101	37572	No
182	GOM_NL__2PRFIN20090507_223910_000000472078_00445_37573_3229.N1	07-MAY-2009 22:39:10	Straylight	47.000	40	The Sco	1.8590	7100.0	94	37573	No
183	GOM_NL__2PRFIN20090507_224101_000000512078_00445_37573_3230.N1	07-MAY-2009 22:41:01	Straylight	51.000	25	35Lam Sco	1.6200	28000.	102	37573	No
184	GOM_NL__2PRFIN20090507_224345_000000482078_00445_37573_3231.N1	07-MAY-2009 22:43:45	Straylight	47.500	75	26Eps Sco	2.2910	4250.0	95	37573	No
185	GOM_NL__2PRFIN20090507_224710_000000492078_00445_37573_3232.N1	07-MAY-2009 22:47:10	Tw_i_and_stray	48.500	16	21Alp Sco	1.0200	3000.0	97	37573	No
186	GOM_NL__2PRFIN20090507_224908_000000452078_00445_37573_3233.N1	07-MAY-2009 22:49:08	Tw_i_and_stray	45.000	80	7Del Sco	2.3160	30000.	90	37573	No
187	GOM_NL__2PRFIN20090507_225405_000000422078_00445_37573_3234.N1	07-MAY-2009 22:54:05	Bright	42.000	104	27Bet Lib	2.6140	13100.	84	37573	No
188	GOM_NL__2PRFIN20090507_230010_000000512078_00445_37573_3235.N1	07-MAY-2009 23:00:10	Bright	51.000	102	24Alp Ser	2.6000	4250.0	102	37573	No
189	GOM_NL__2PRFIN20090507_230532_000000392078_00445_37573_3236.N1	07-MAY-2009 23:05:32	Bright	39.000	83		2.3780	11000.	78	37573	No
190	GOM_NL__2PRFIN20090507_230657_000000502078_00445_37573_3237.N1	07-MAY-2009 23:06:57	Bright	49.500	67	5Alp CrB	2.2210	11000.	99	37573	No
191	GOM_NL__2PRFIN20090507_231751_000000422078_00445_37573_3238.N1	07-MAY-2009 23:17:51	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	37573	No
192	GOM_NL__2PRFIN20090507_232835_000000372078_00445_37573_3239.N1	07-MAY-2009 23:28:35	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	37573	No
193	GOM_NL__2PRFIN20090507_234115_000000352078_00445_37573_3240.N1	07-MAY-2009 23:41:15	Tw_i_and_stray	34.500	93	53Bet Peg	2.5200	3100.0	69	37573	No
194	GOM_NL__2PRFIN20090507_234530_000000362078_00445_37573_3241.N1	07-MAY-2009 23:45:30	Dark	35.500	90	54Alp Peg	2.4870	11000.	71	37573	No
195	GOM_NL__2PRFIN20090507_235312_000000502078_00445_37573_3242.N1	07-MAY-2009 23:53:12	Dark	50.000	162	34Alp Aqr	2.9440	5350.0	100	37573	No

3. Quality information per product

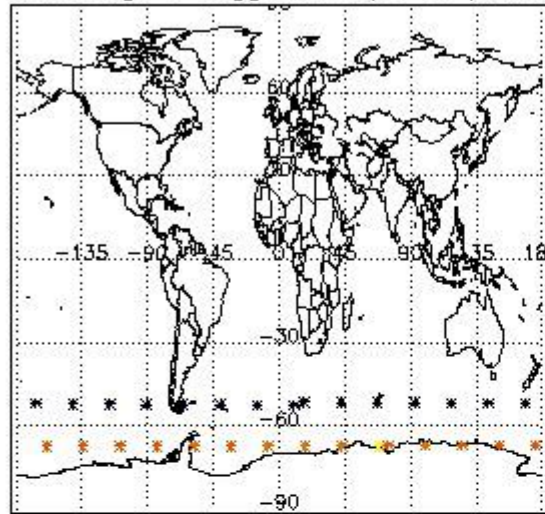
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

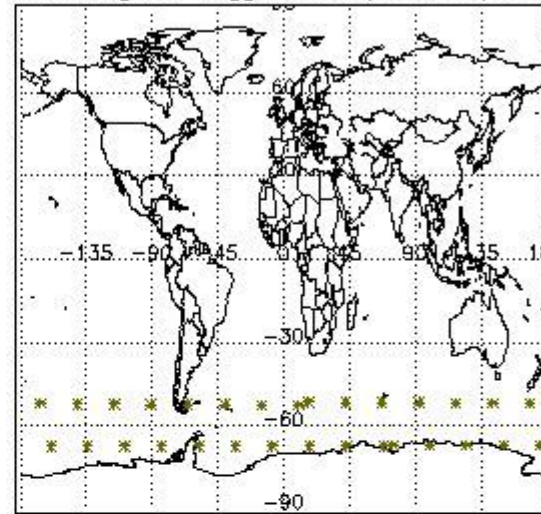


3.2 Plot quality information per product (world map)

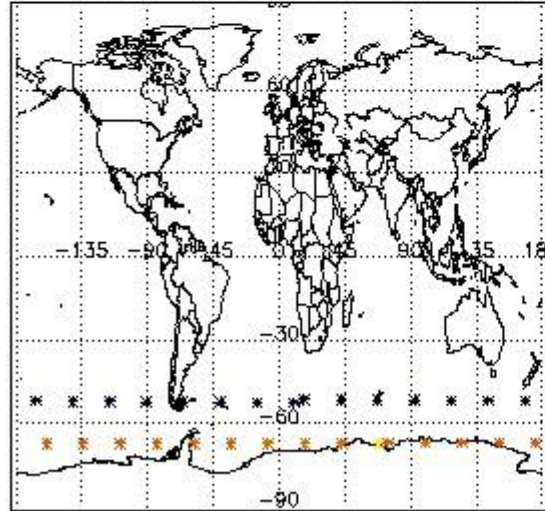
Percentage of flagged data per O3 profile



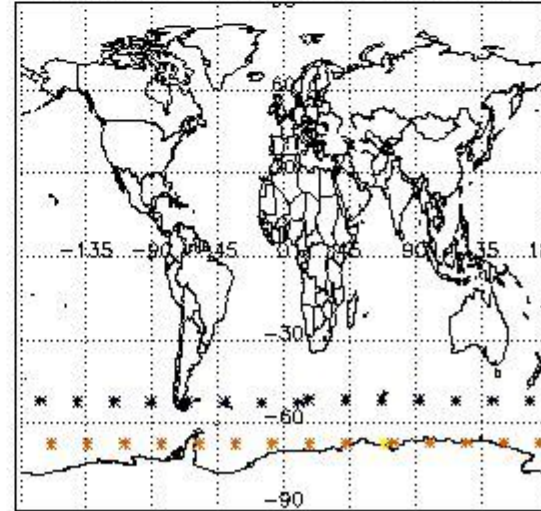
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

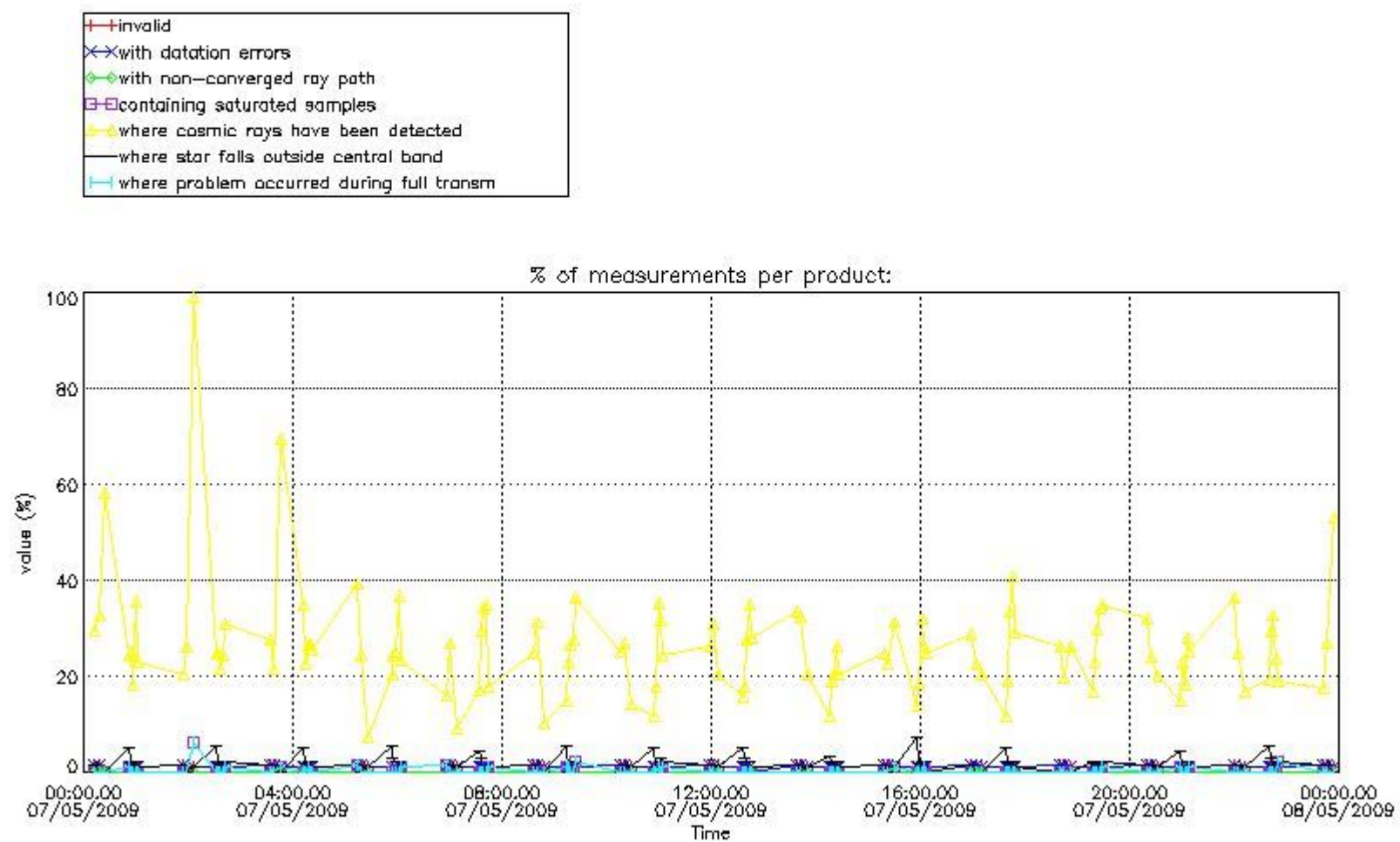


4. Level 1 quality information per product

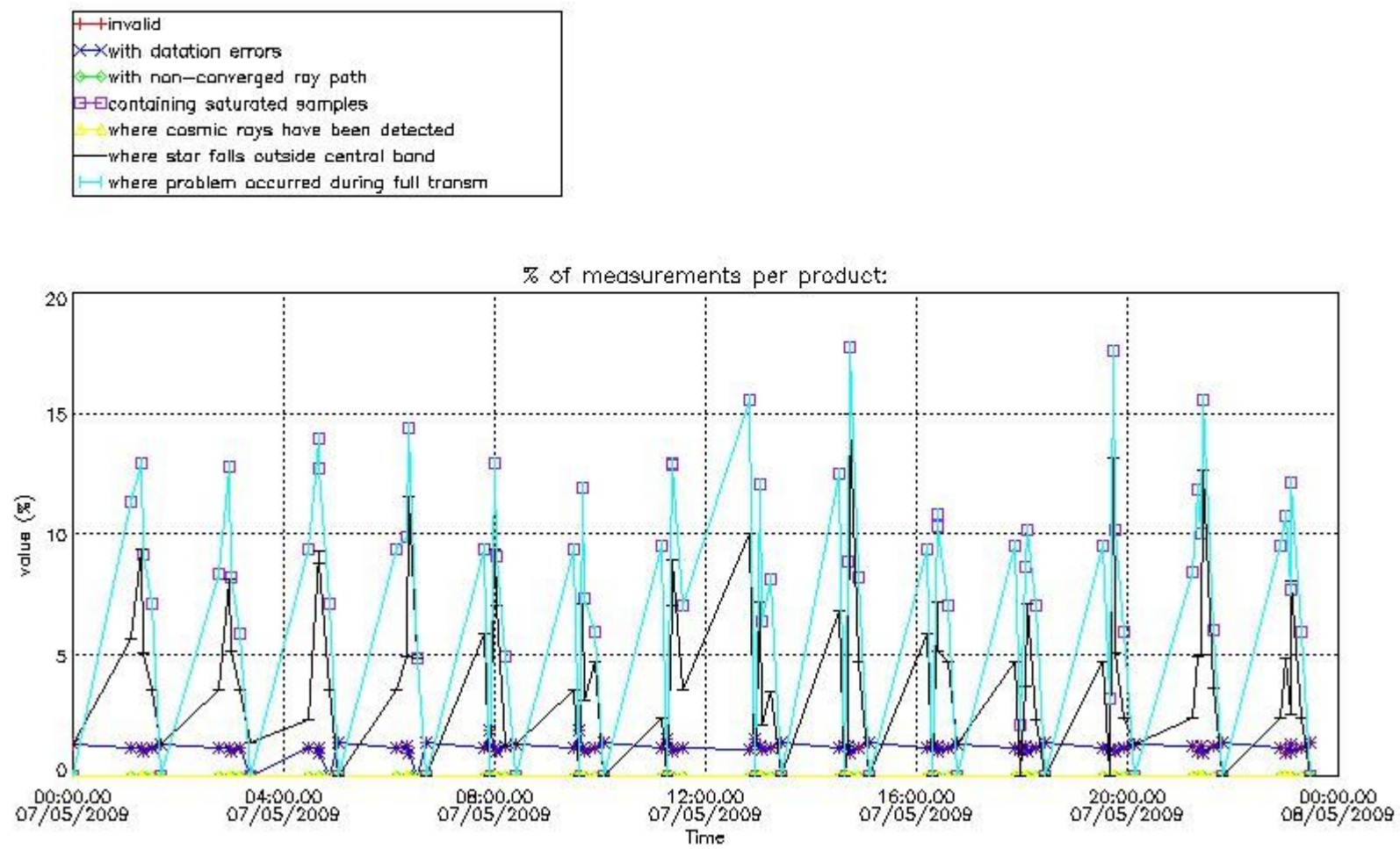
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



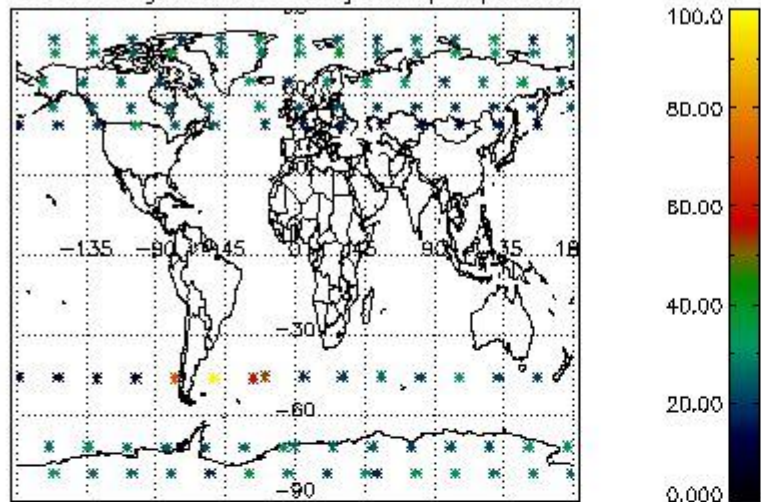
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



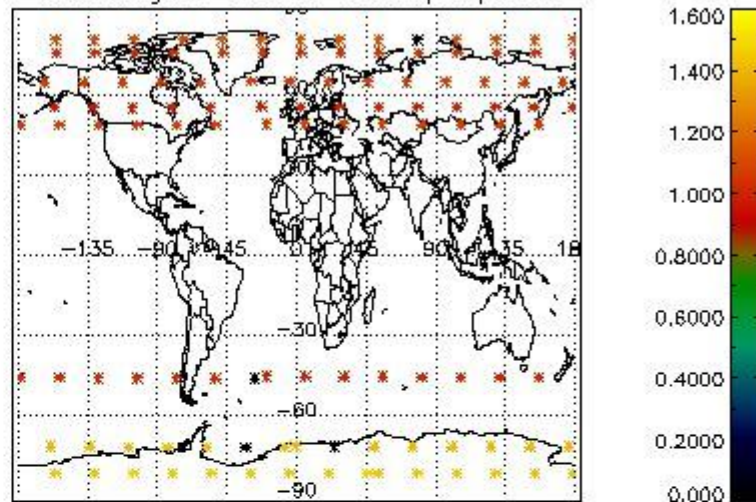
4.2 Plot quality information per product coming from level 1b processing (world map)

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

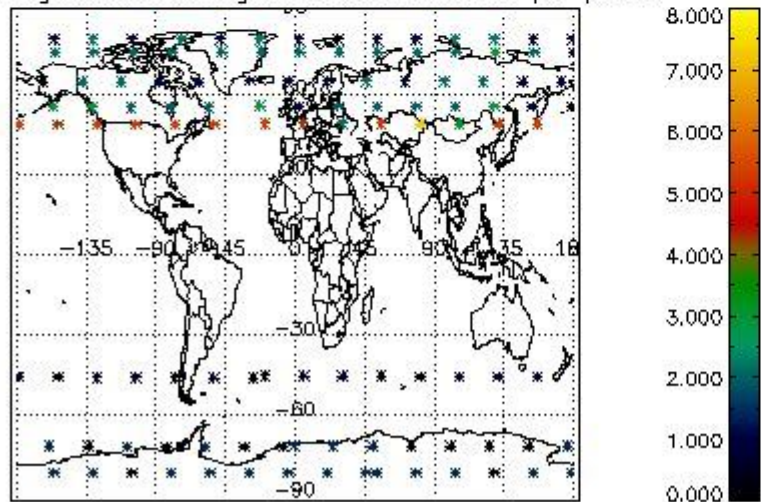
Percentage of cosmic ray hits per profile



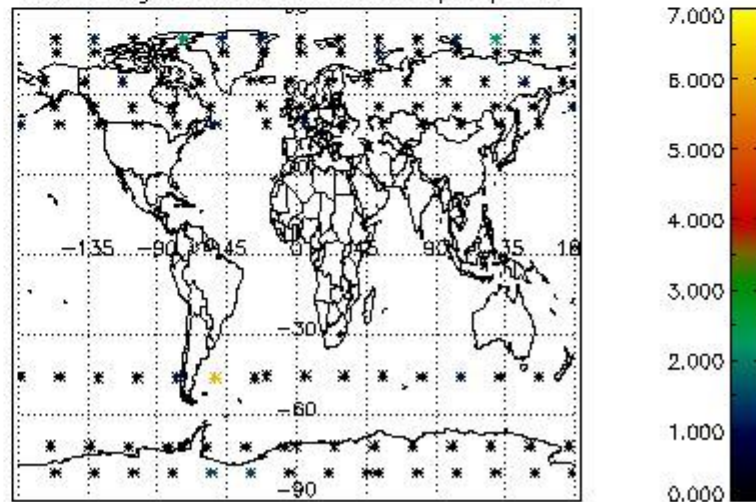
Percentage of datation errors per profile



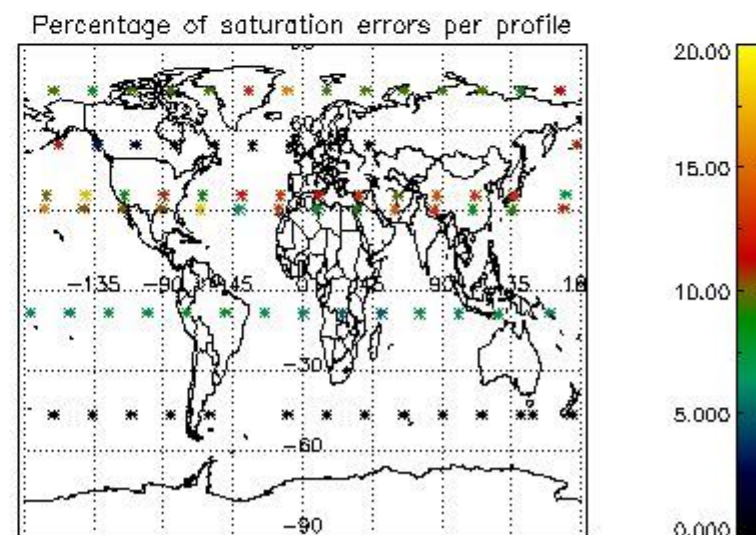
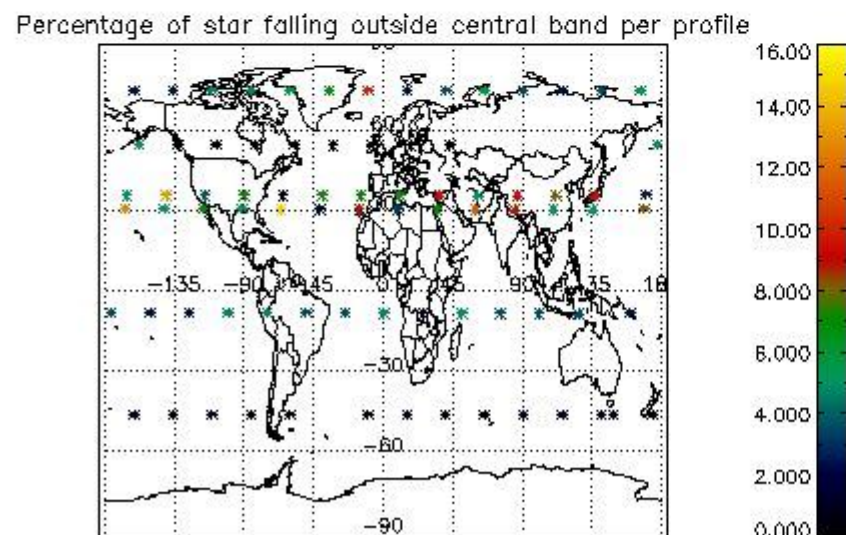
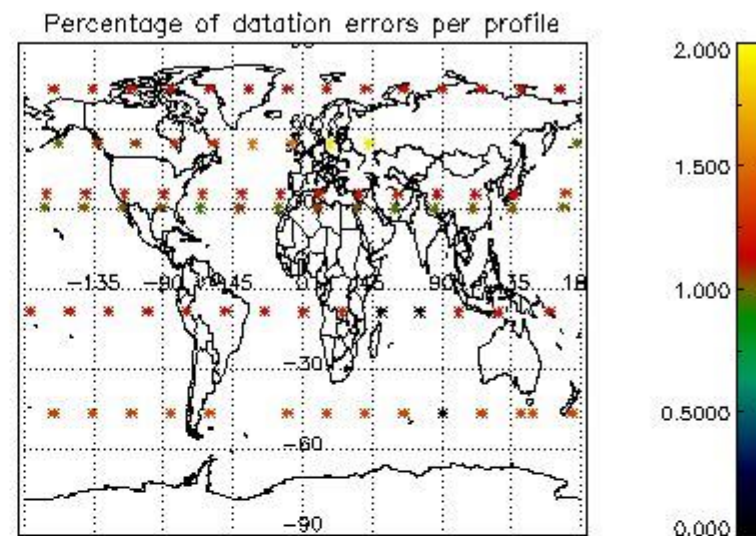
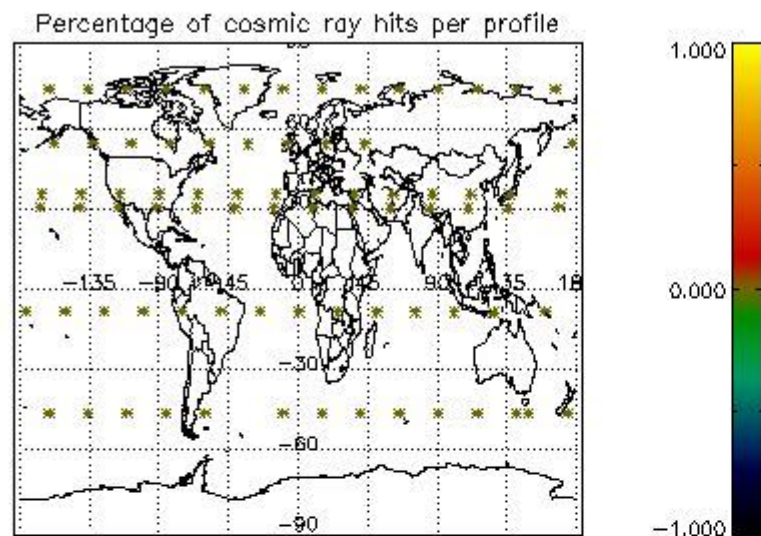
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

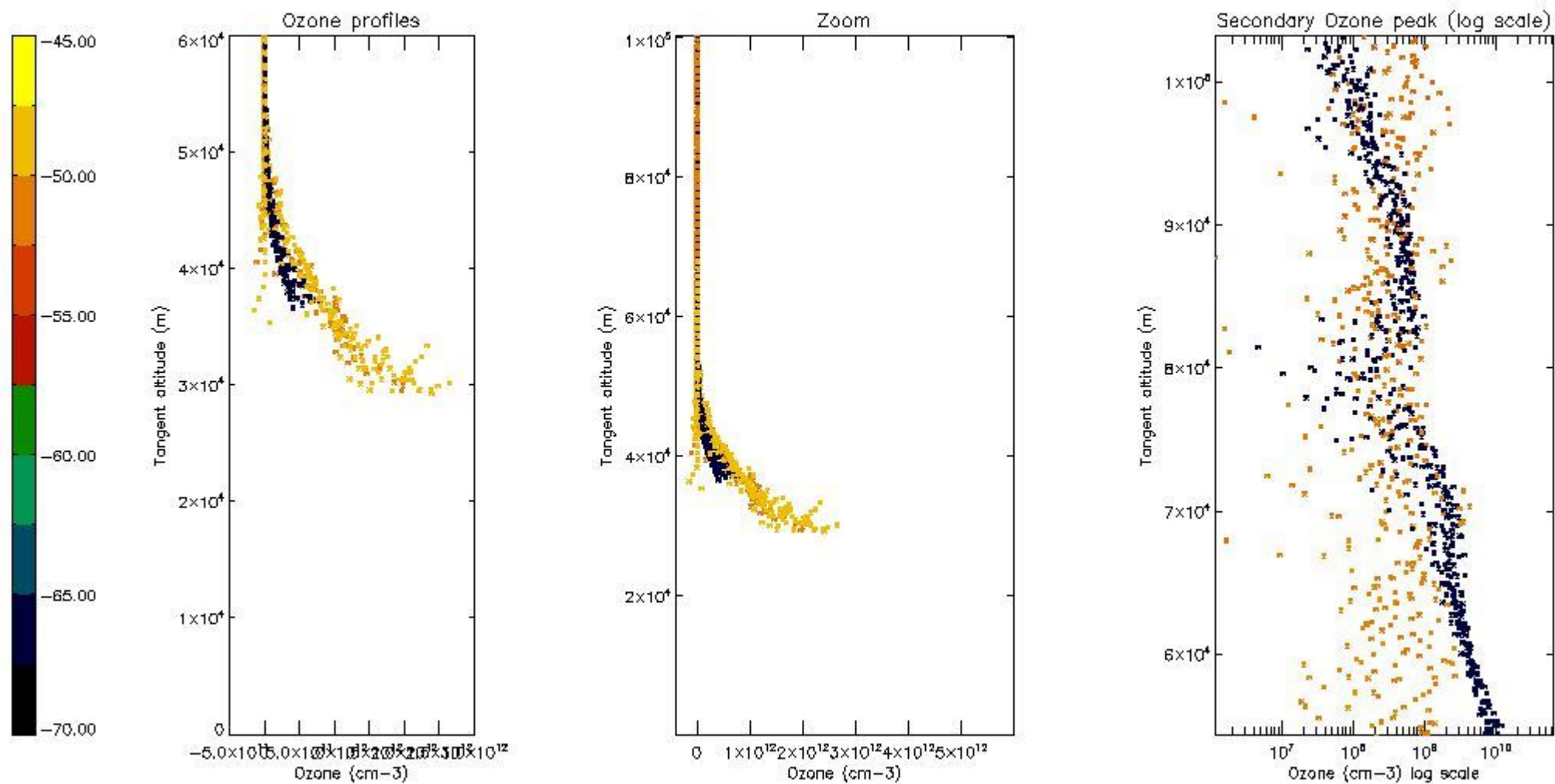
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	15
STD < 20	4

STD < 10	2
STD < 5	1

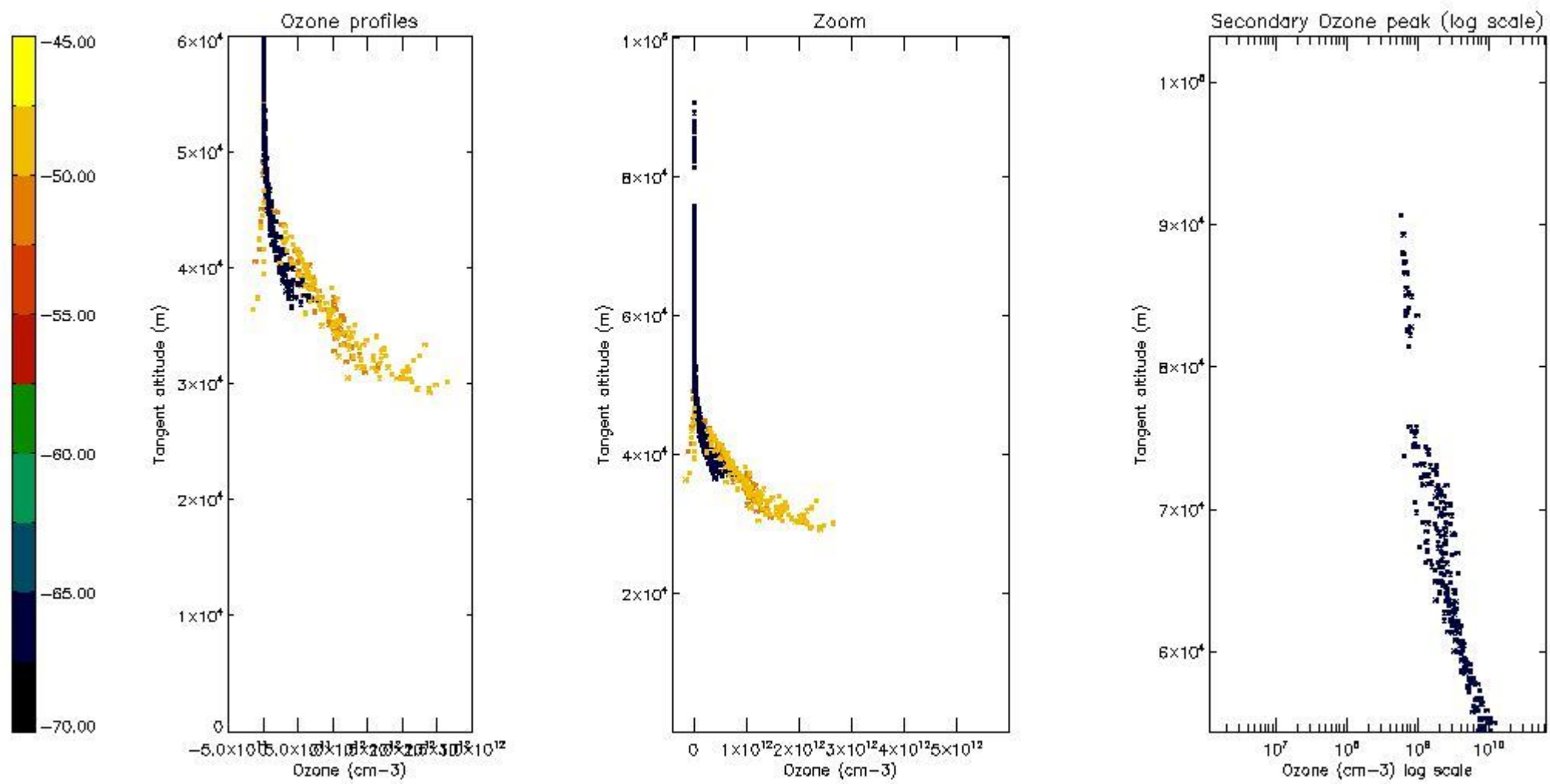
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



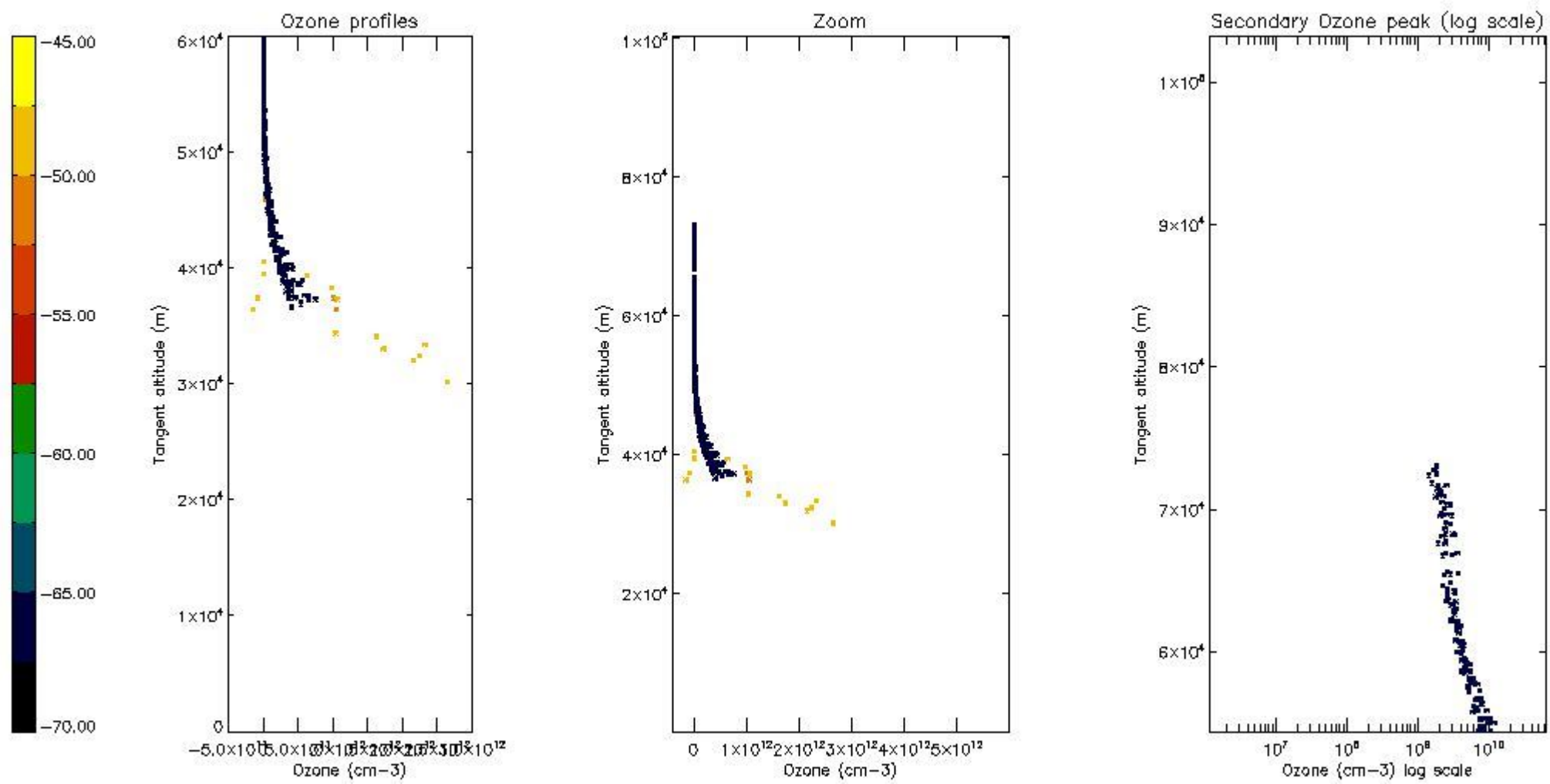
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



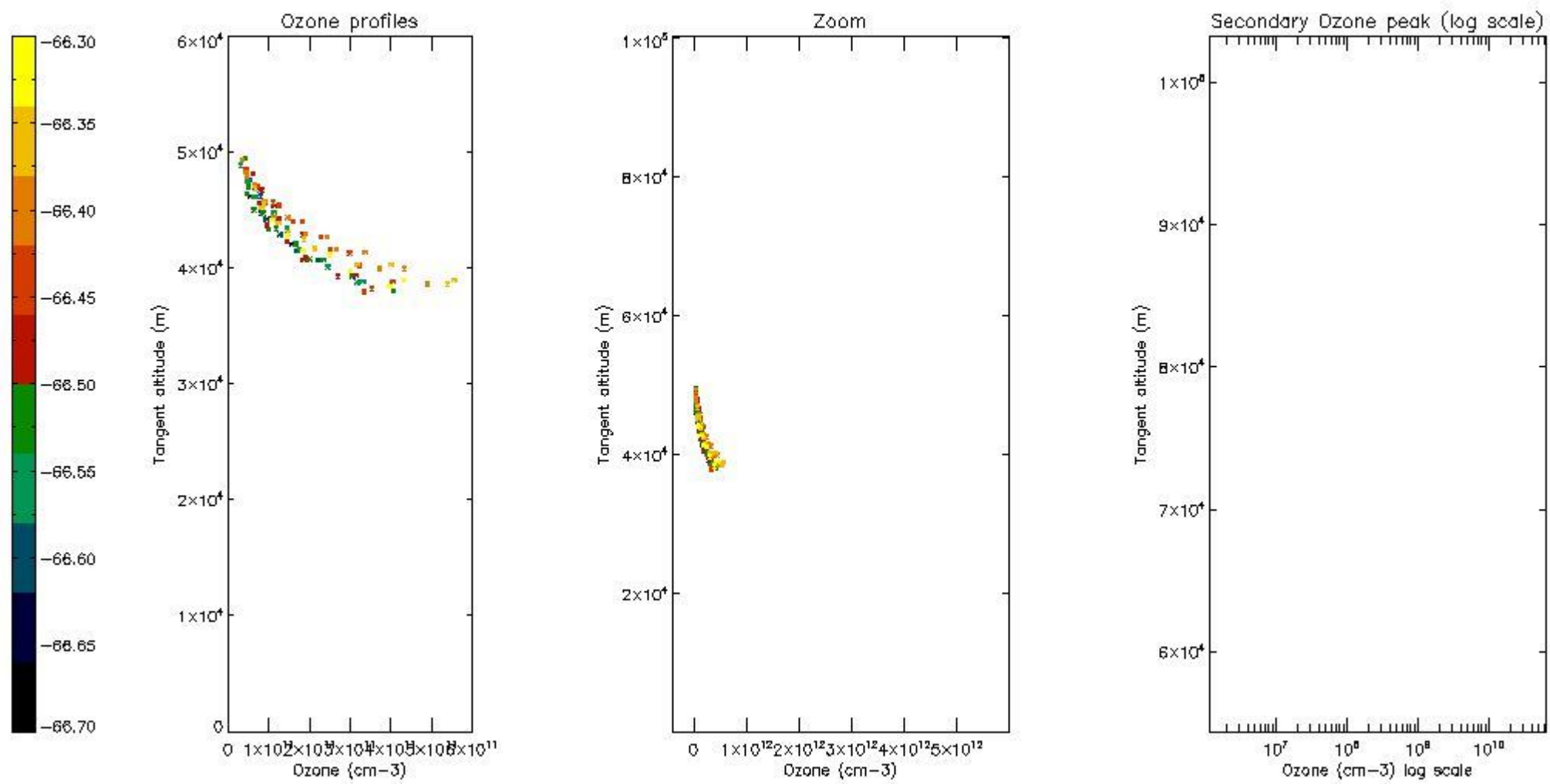
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



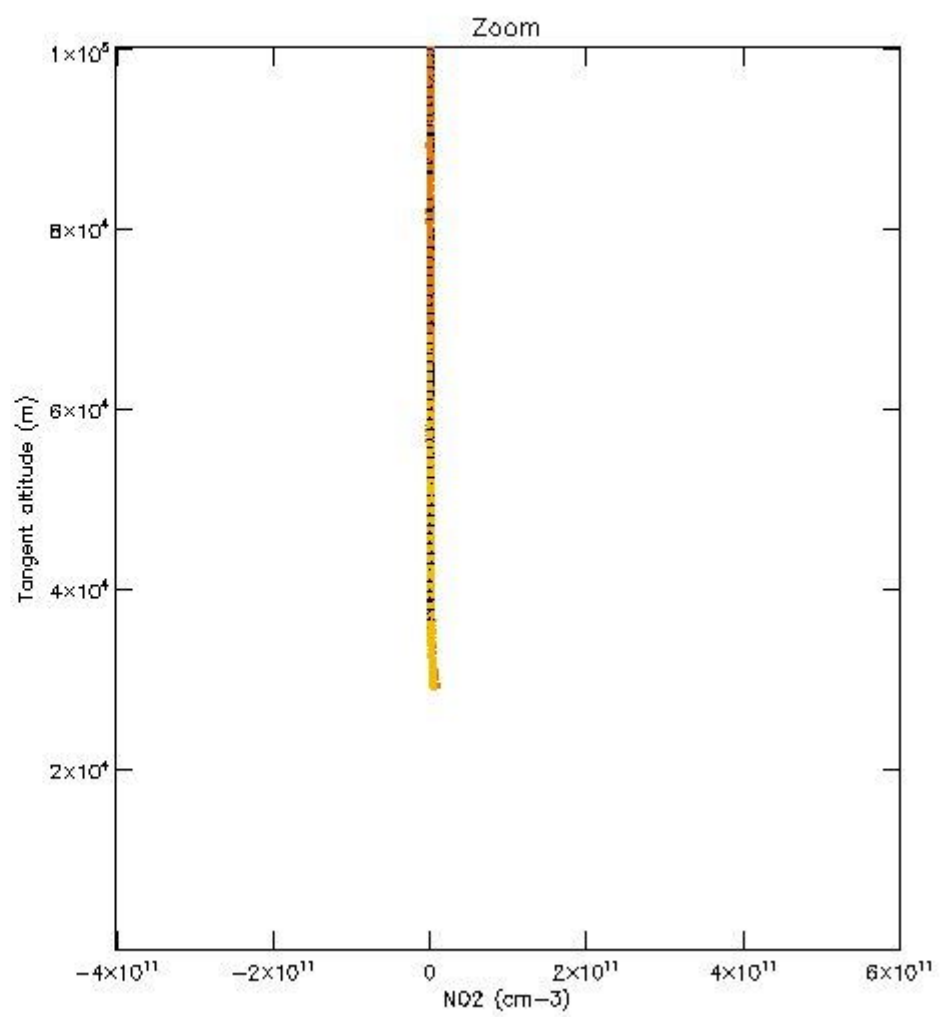
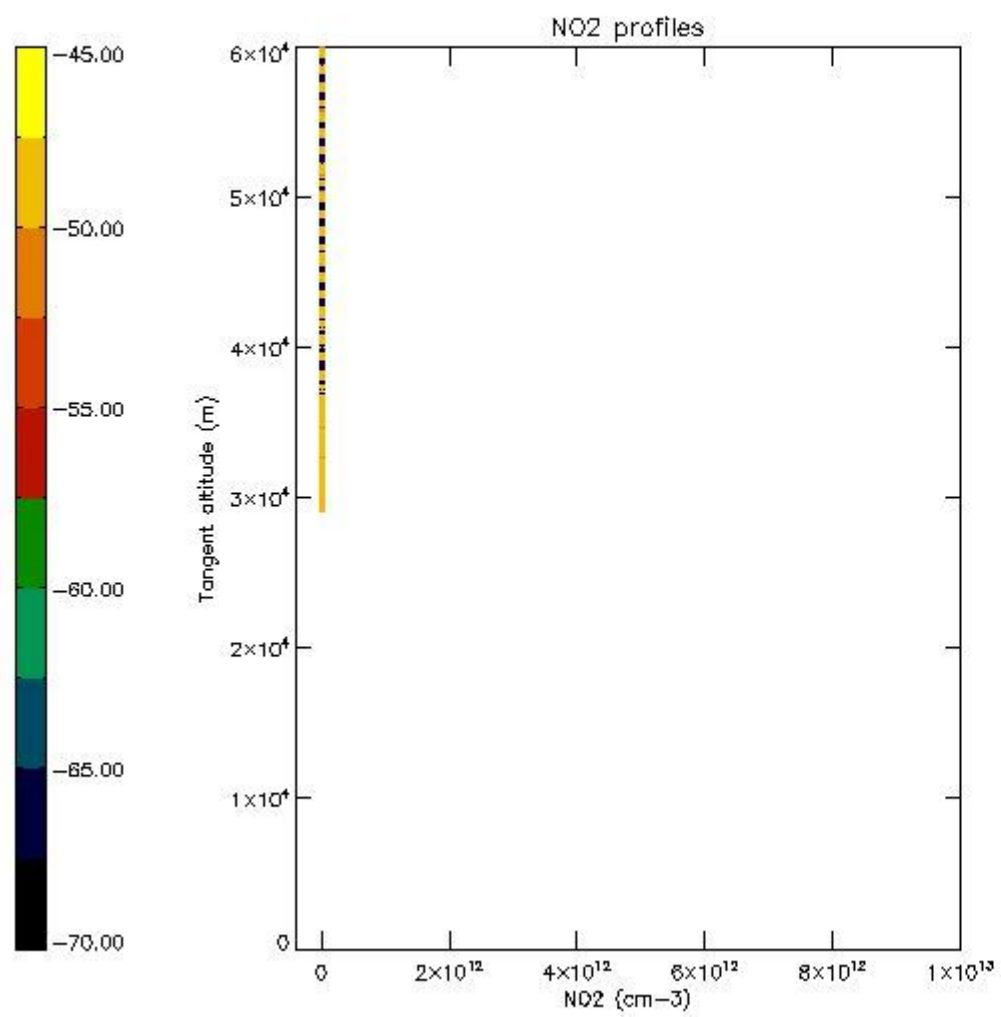
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



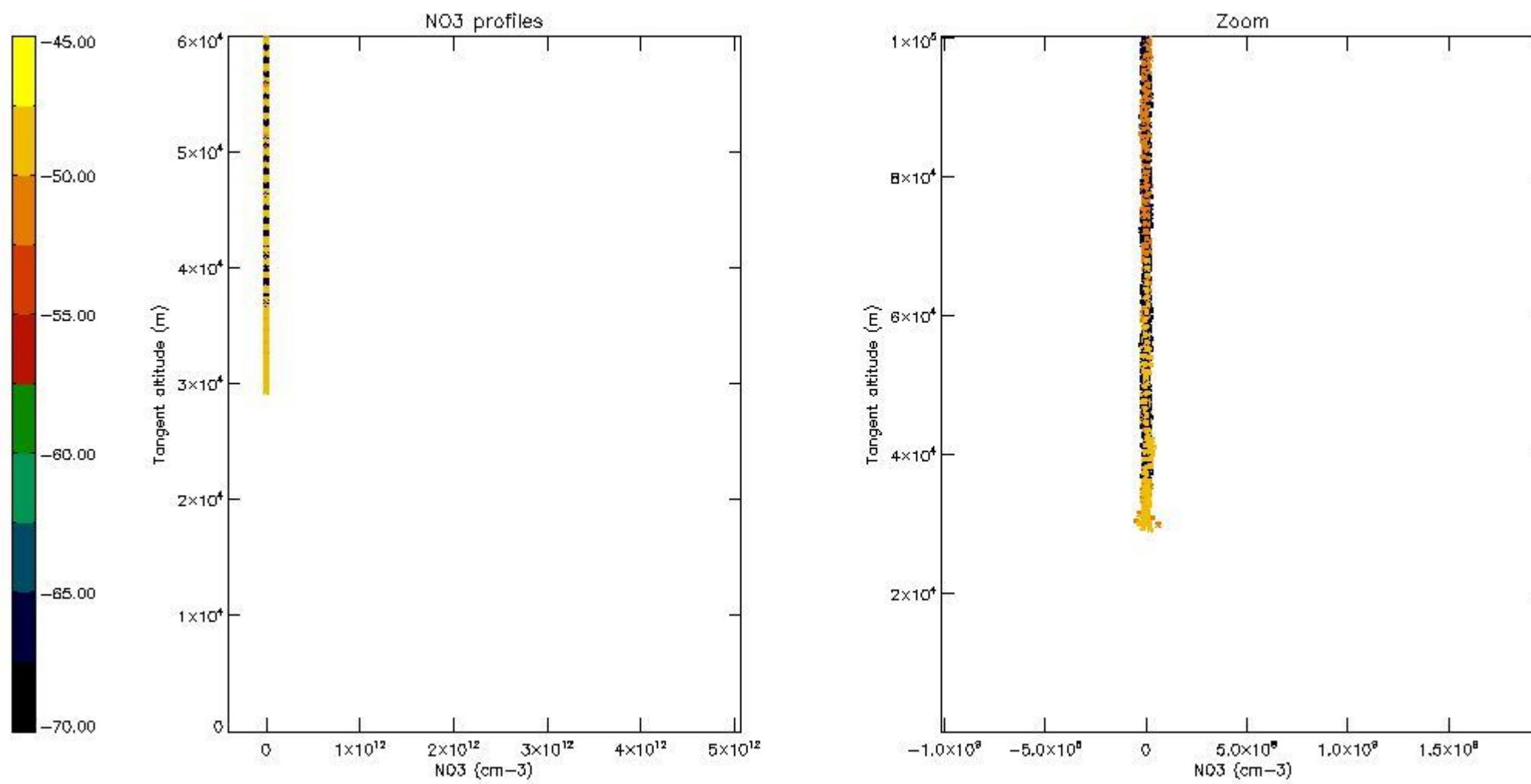
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

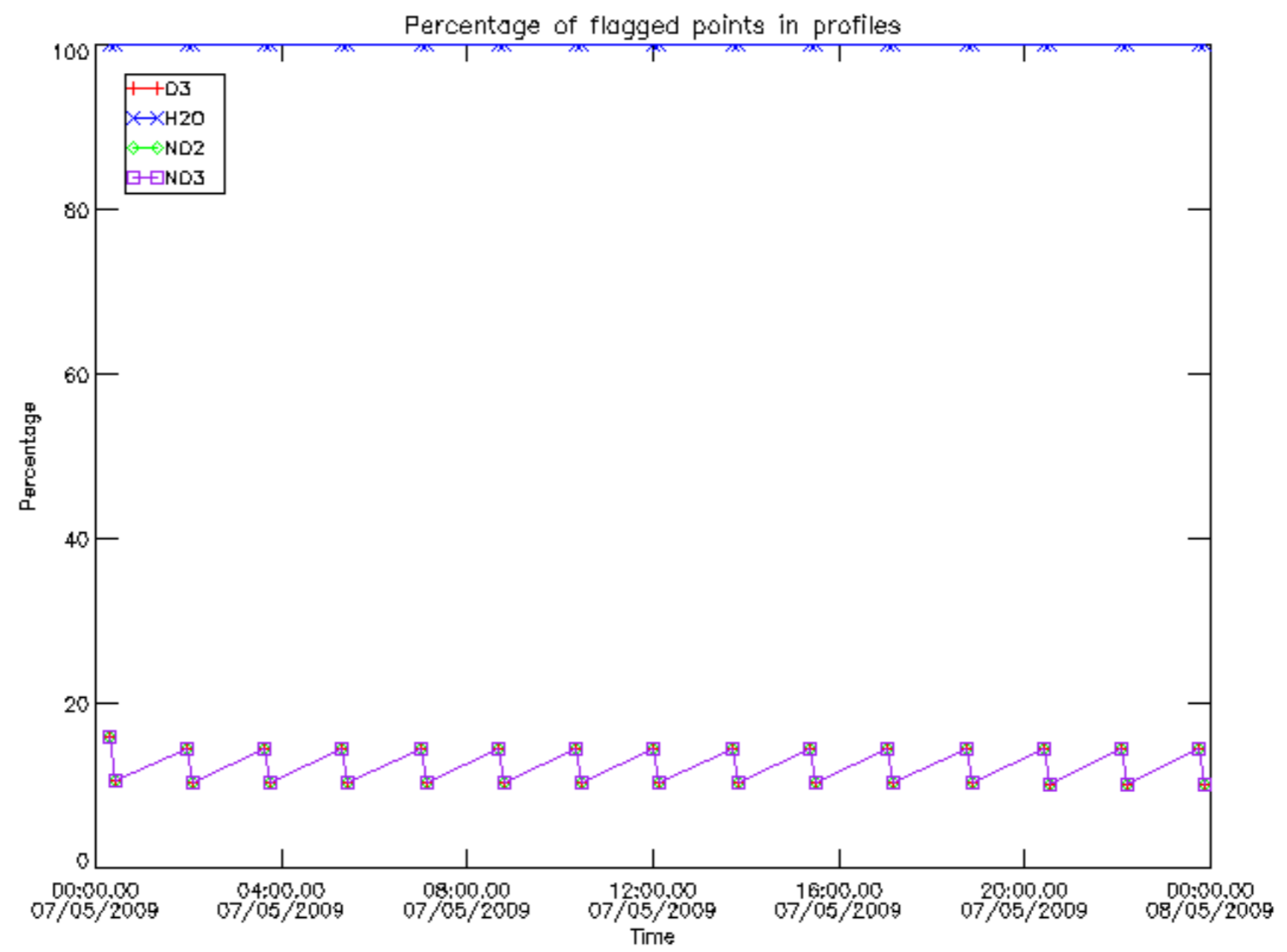
The colorbar represents the latitude.



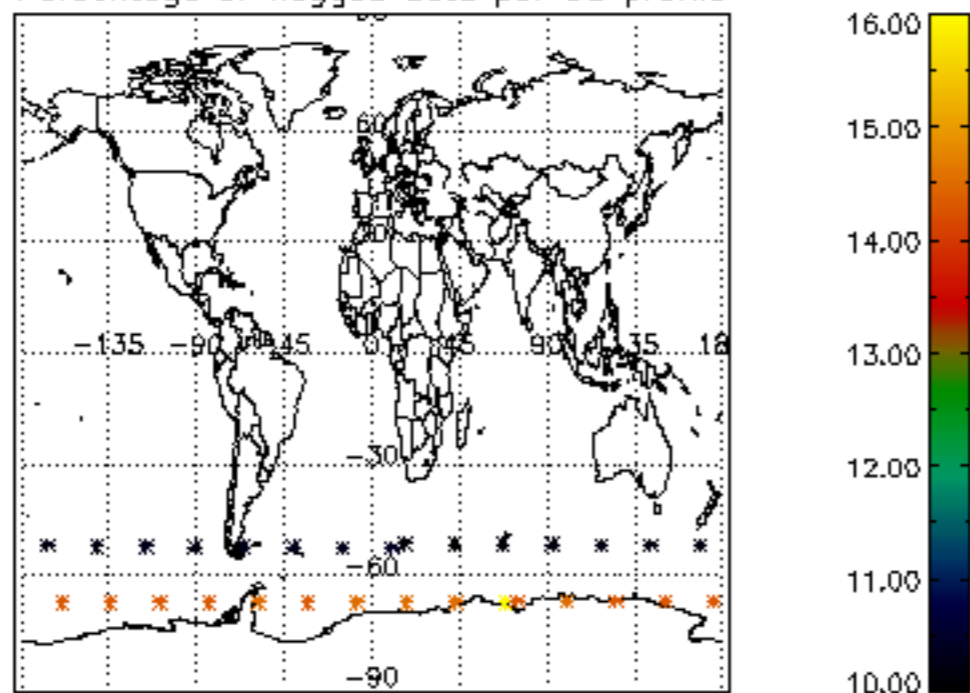
6. Auxiliary Data Files used for the production reported in section 2

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.

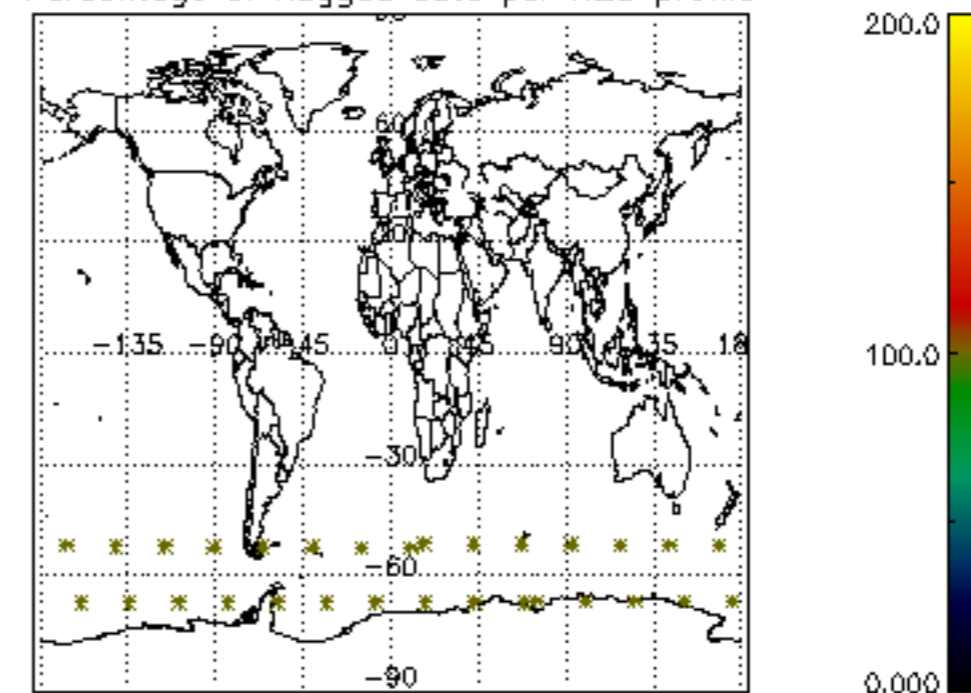
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	07-MAY-2009 00:00:17
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	07-MAY-2009 00:00:17
CROSS_SECTIONS_FILE	GOM_CR2_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	07-MAY-2009 00:00:17



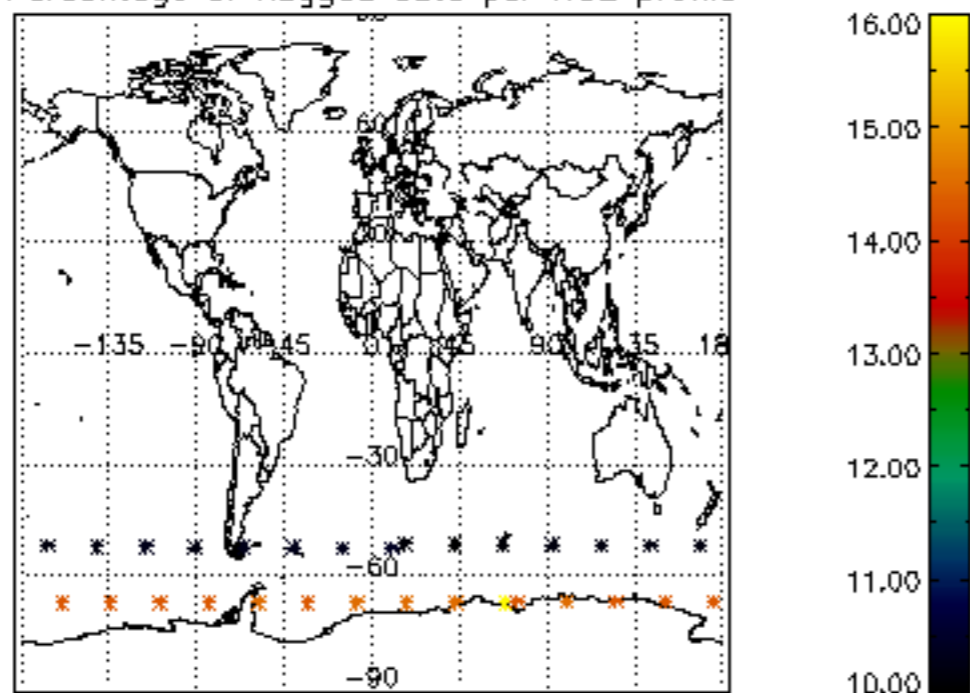
Percentage of flagged data per D3 profile



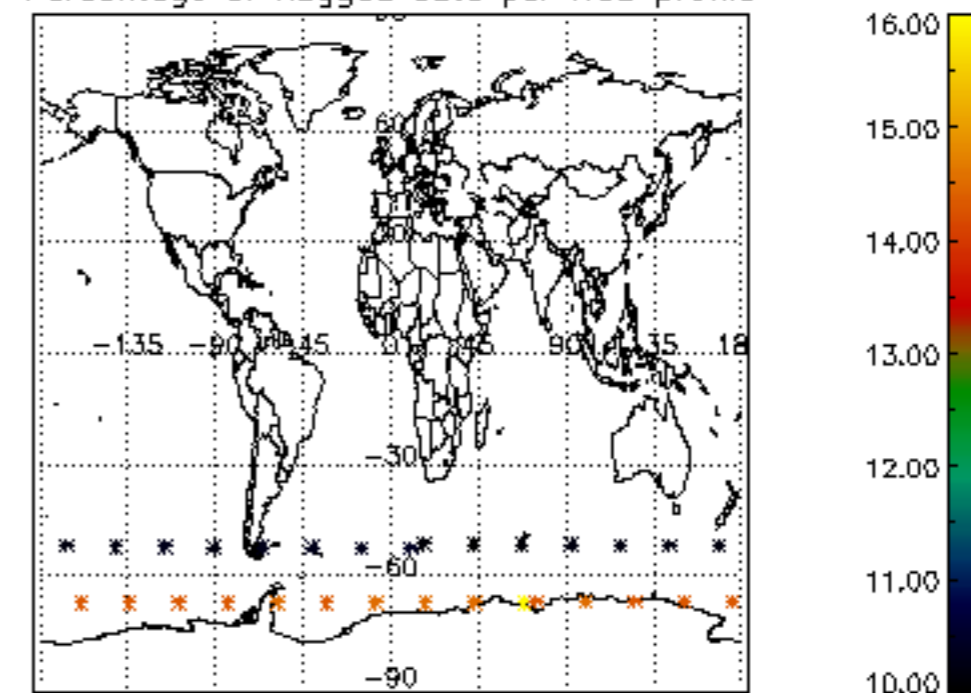
Percentage of flagged data per H2O profile

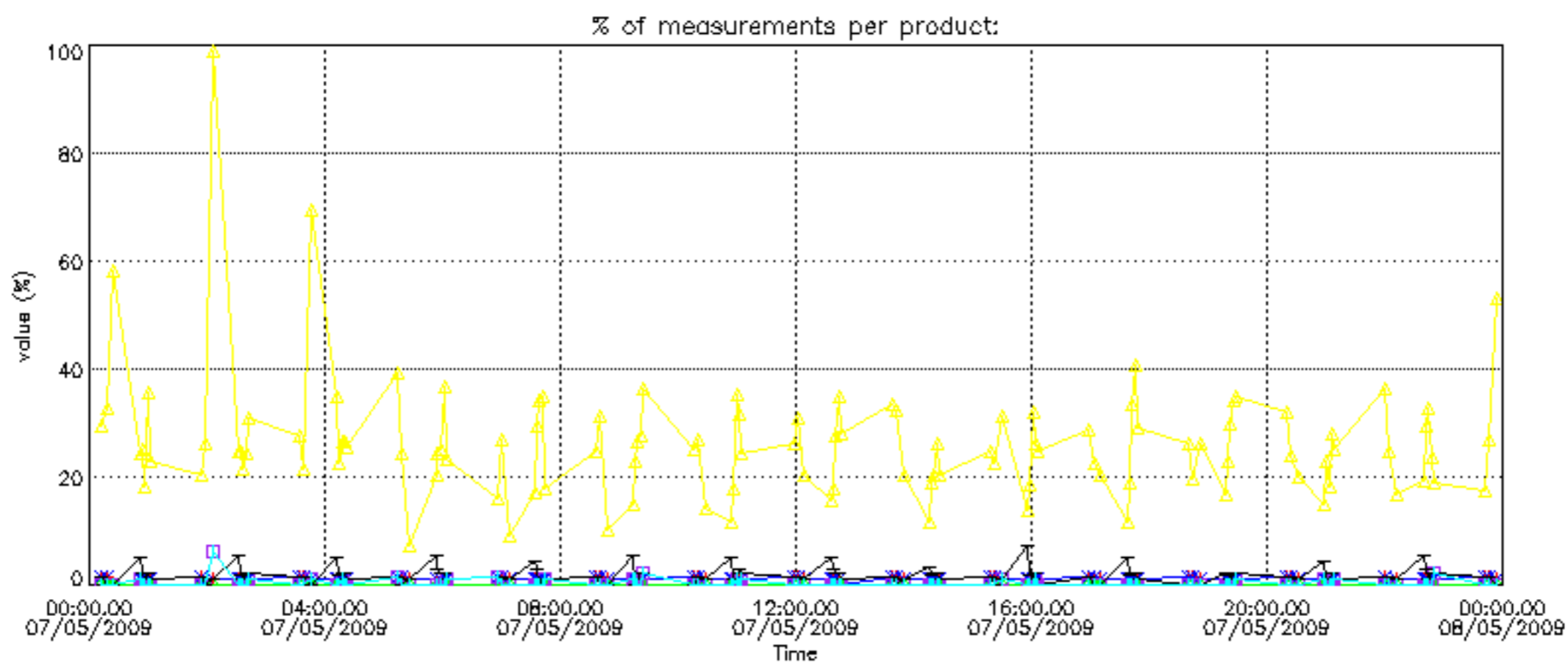


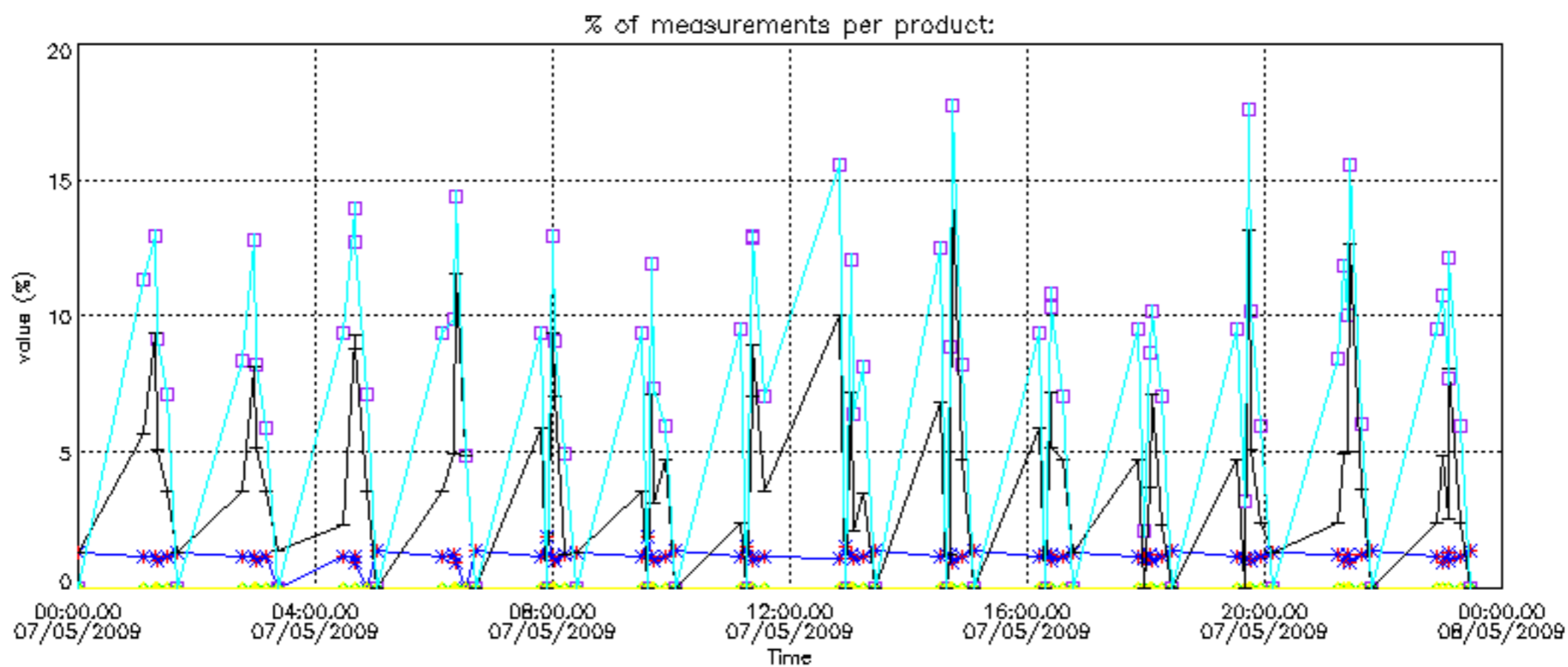
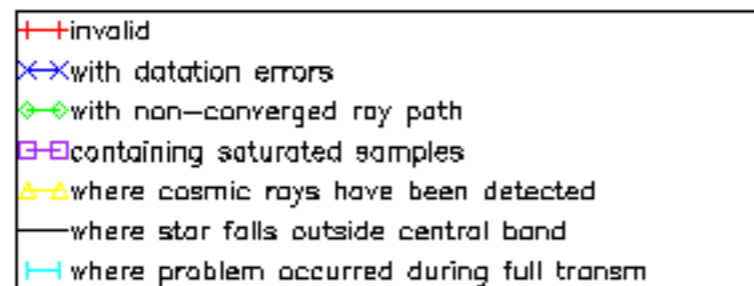
Percentage of flagged data per NO2 profile



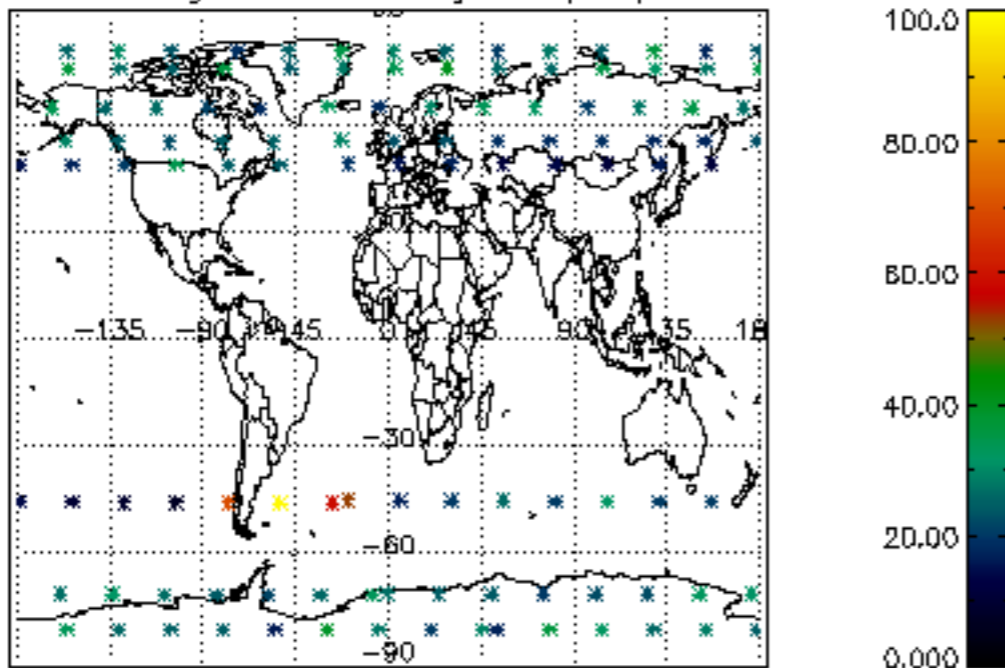
Percentage of flagged data per NO3 profile



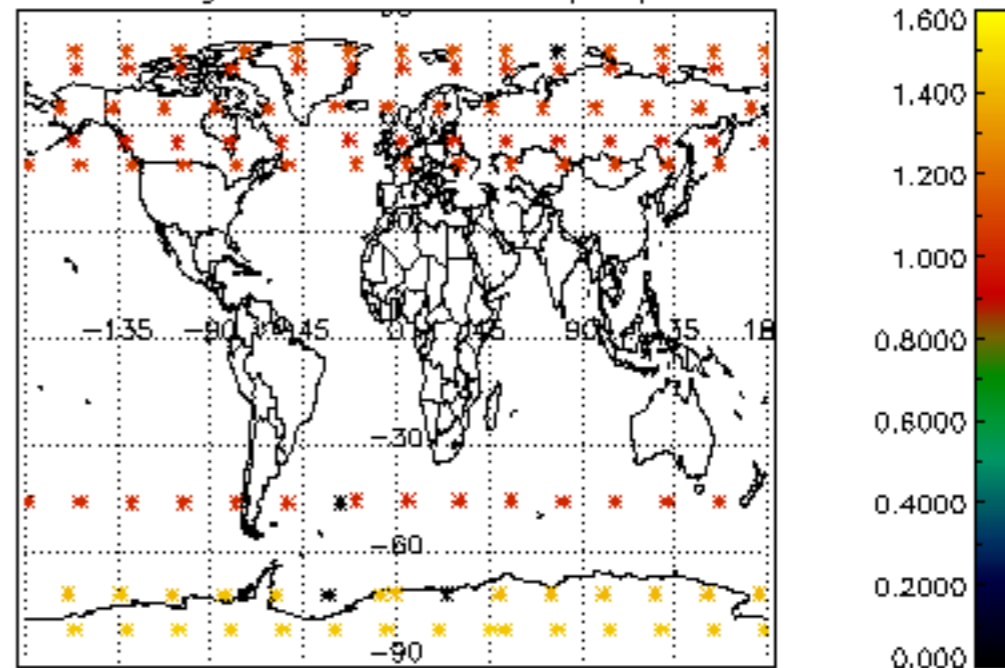




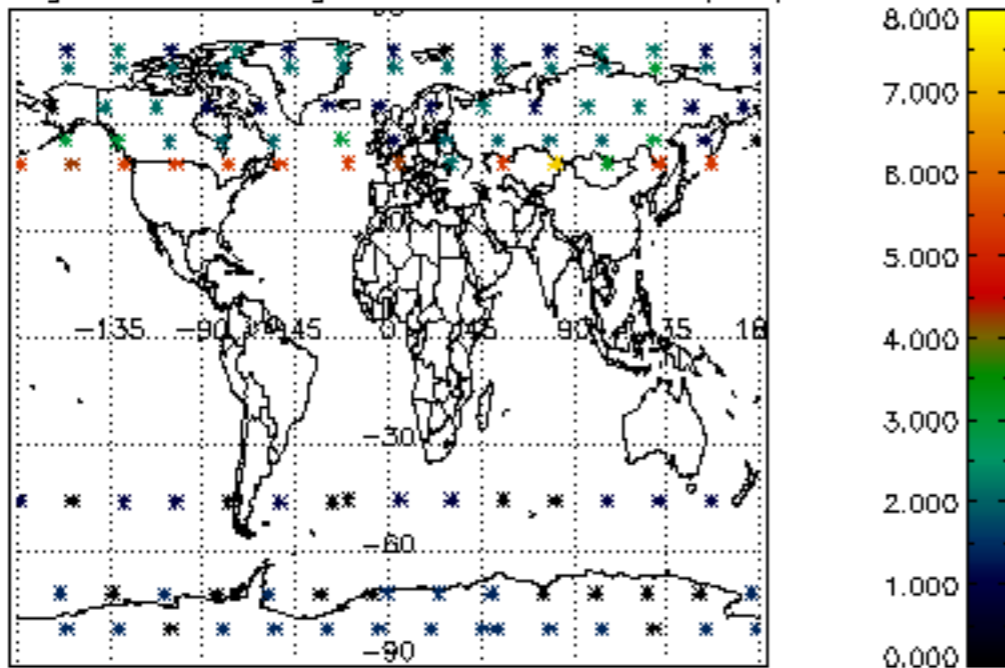
Percentage of cosmic ray hits per profile



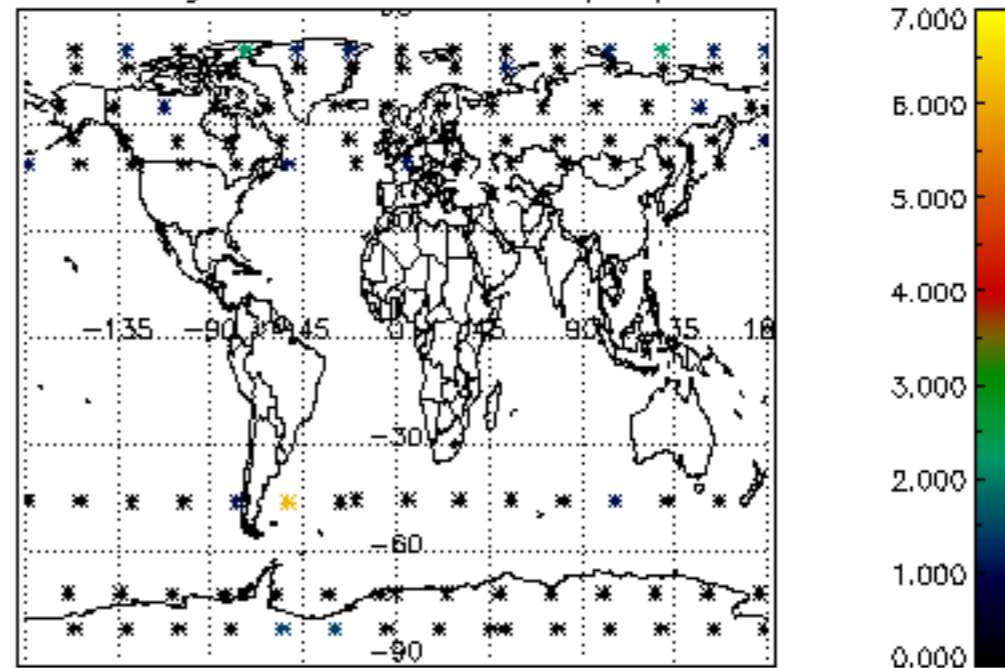
Percentage of datation errors per profile



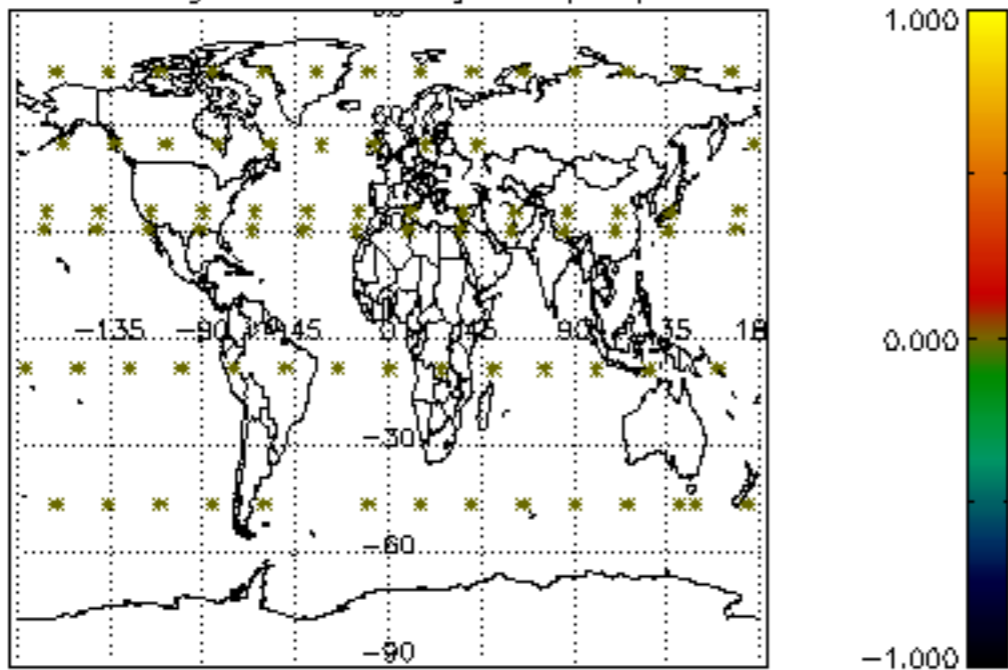
Percentage of star falling outside central band per profile



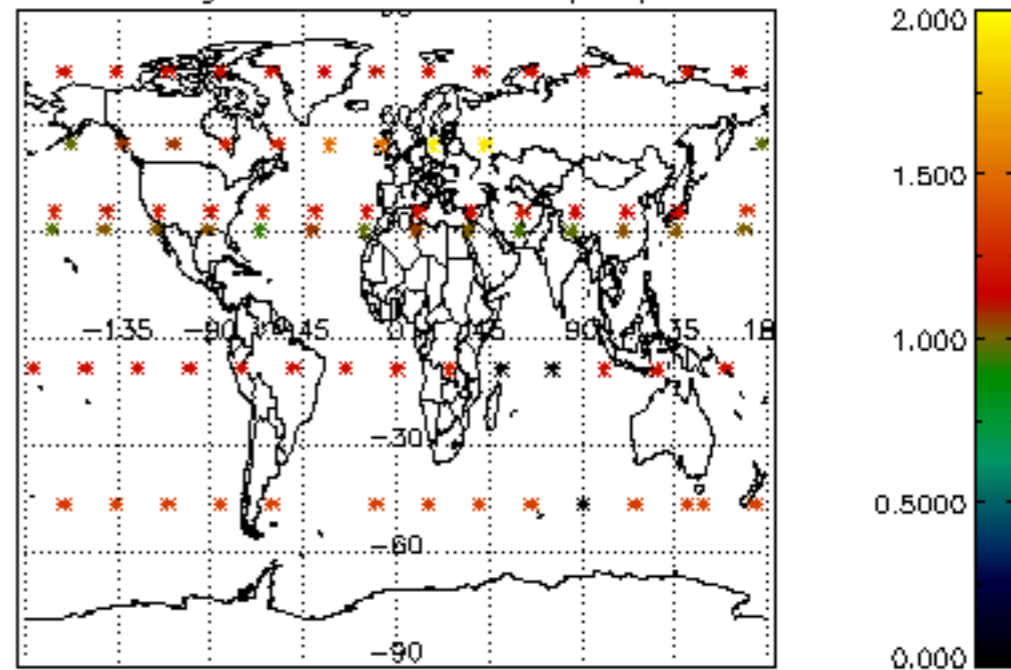
Percentage of saturation errors per profile



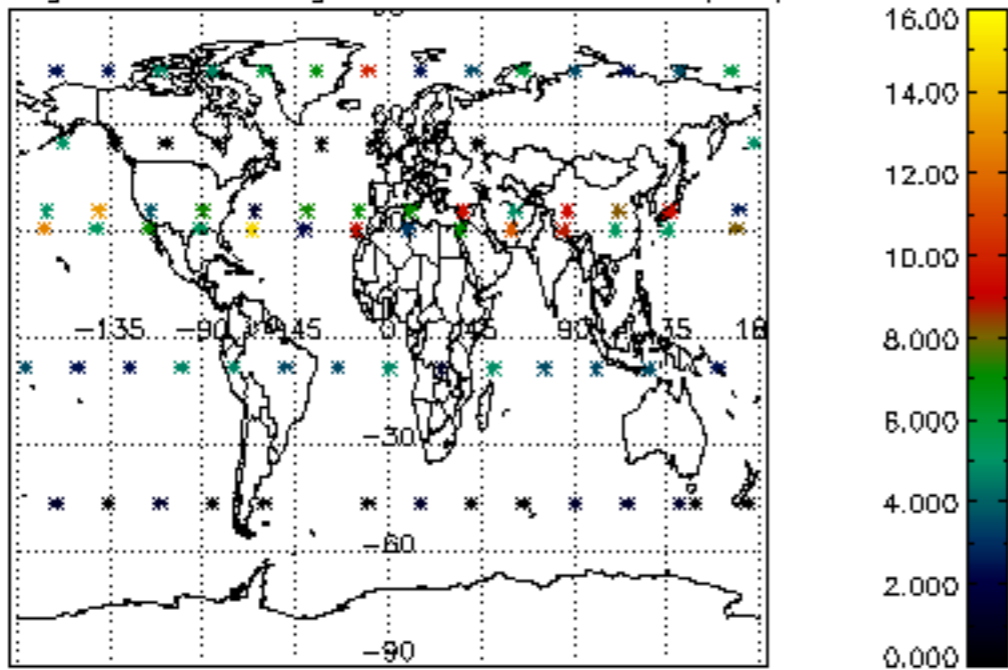
Percentage of cosmic ray hits per profile



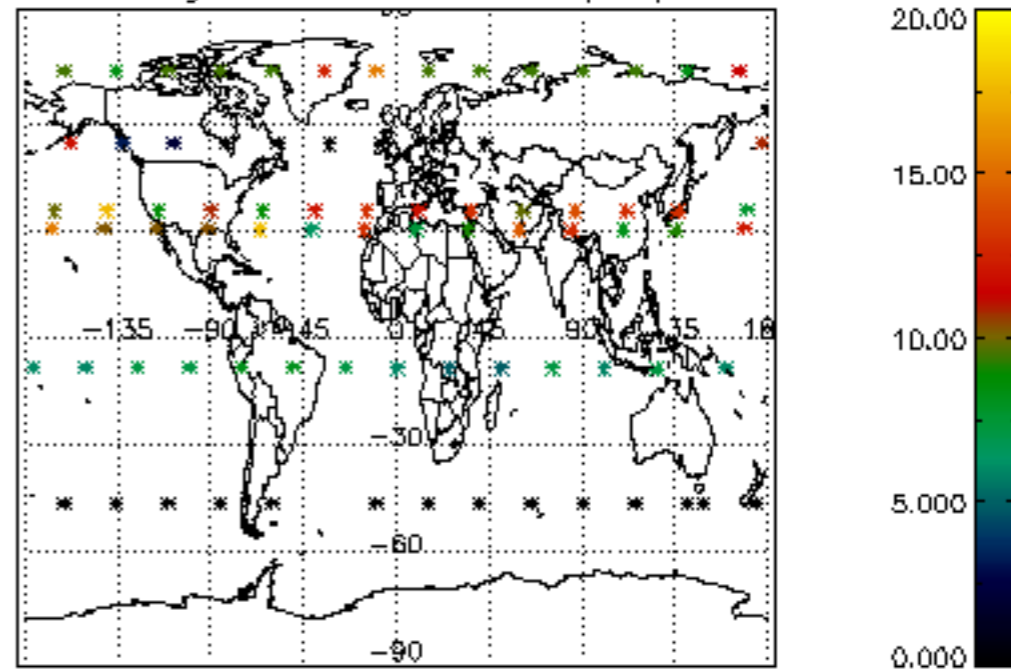
Percentage of datation errors per profile

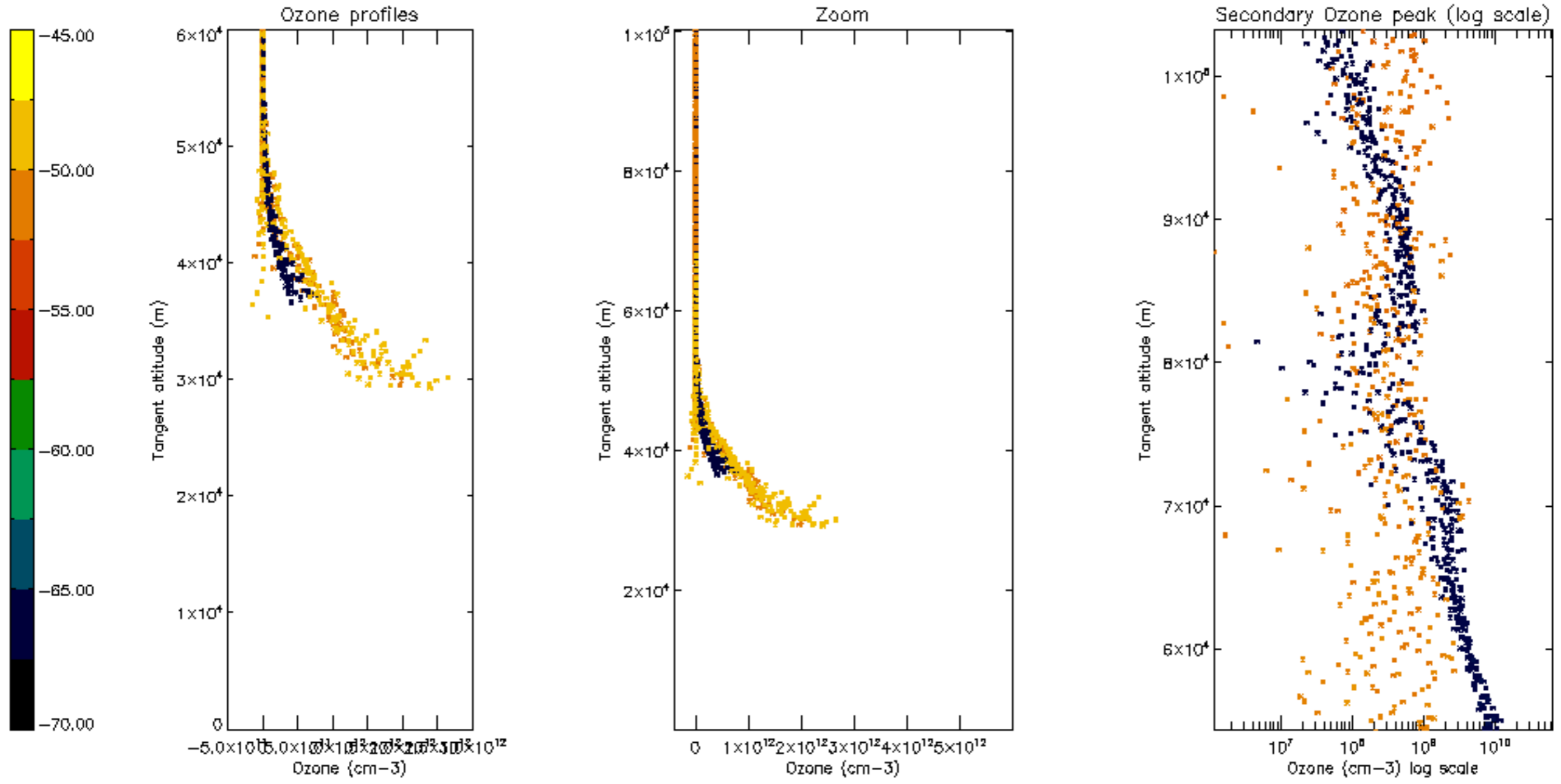


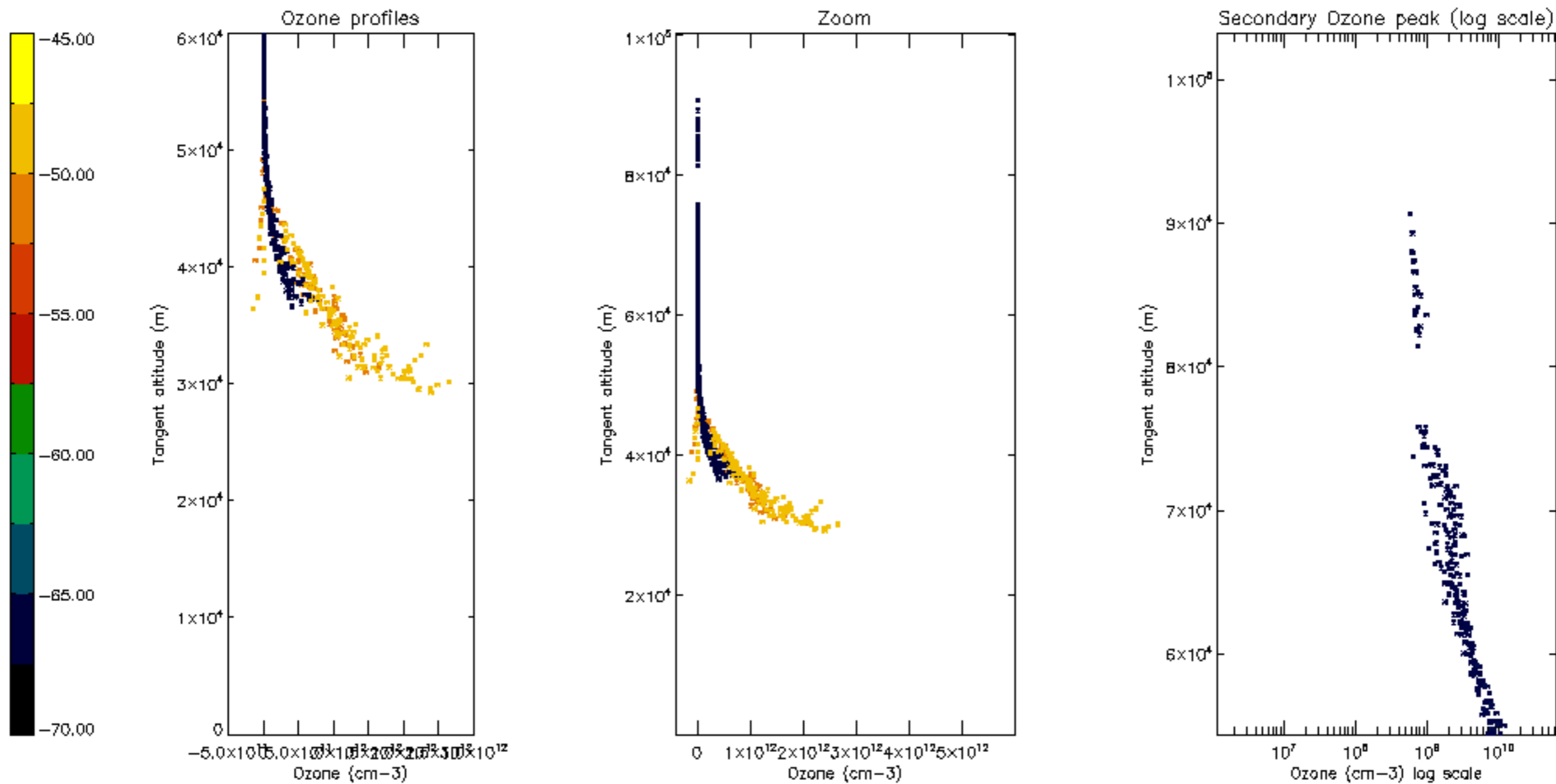
Percentage of star falling outside central band per profile

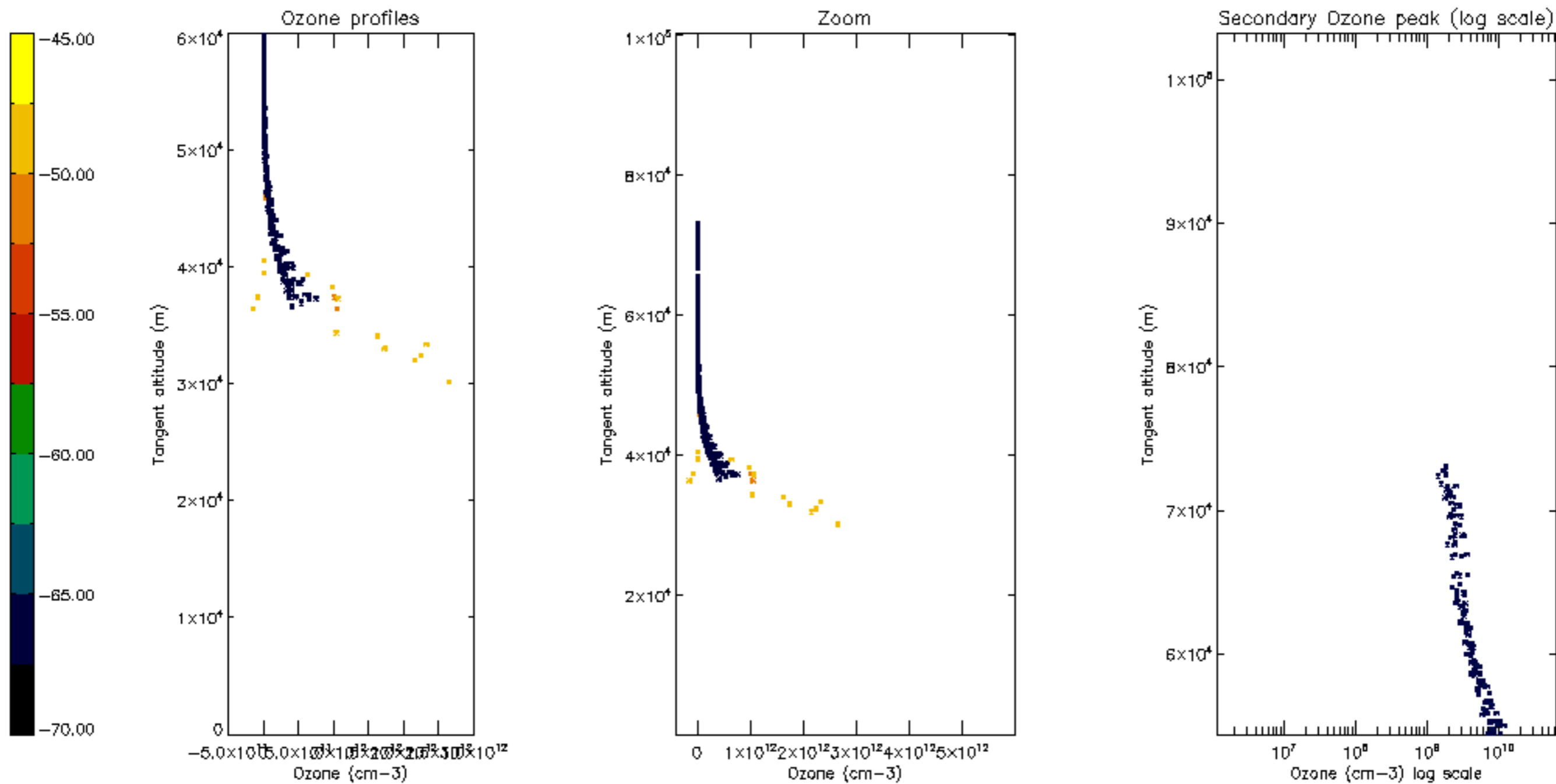


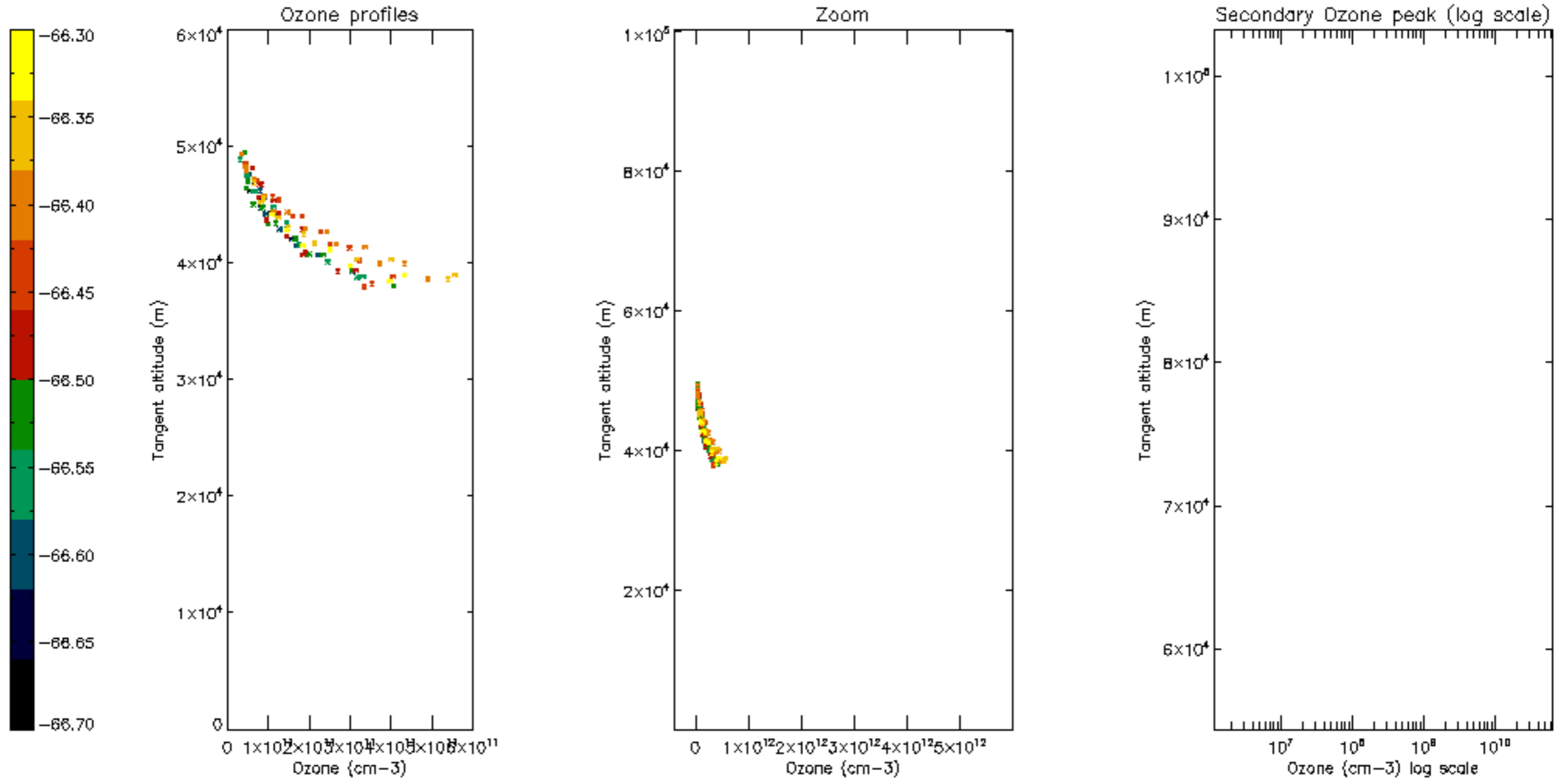
Percentage of saturation errors per profile

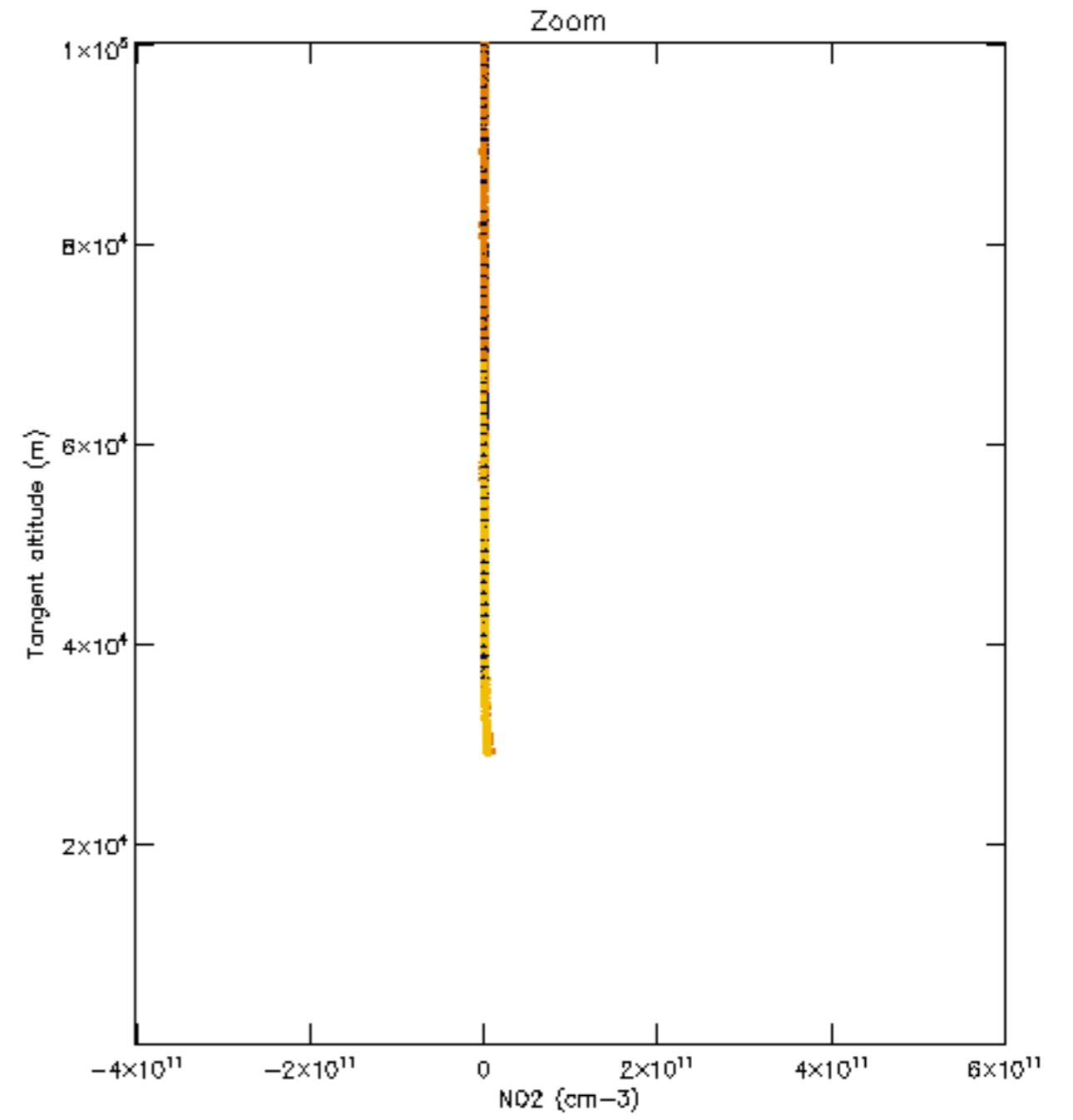
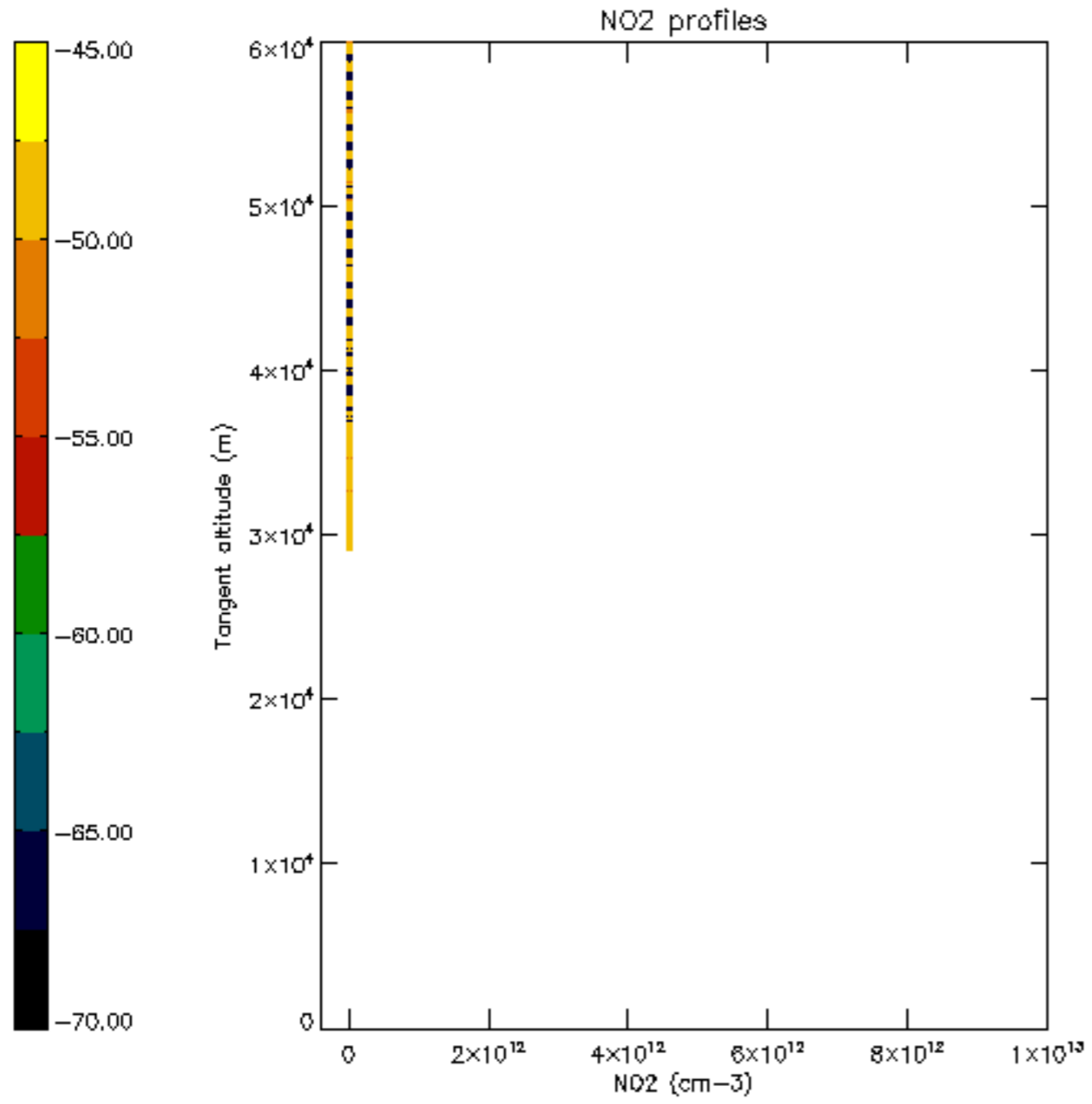


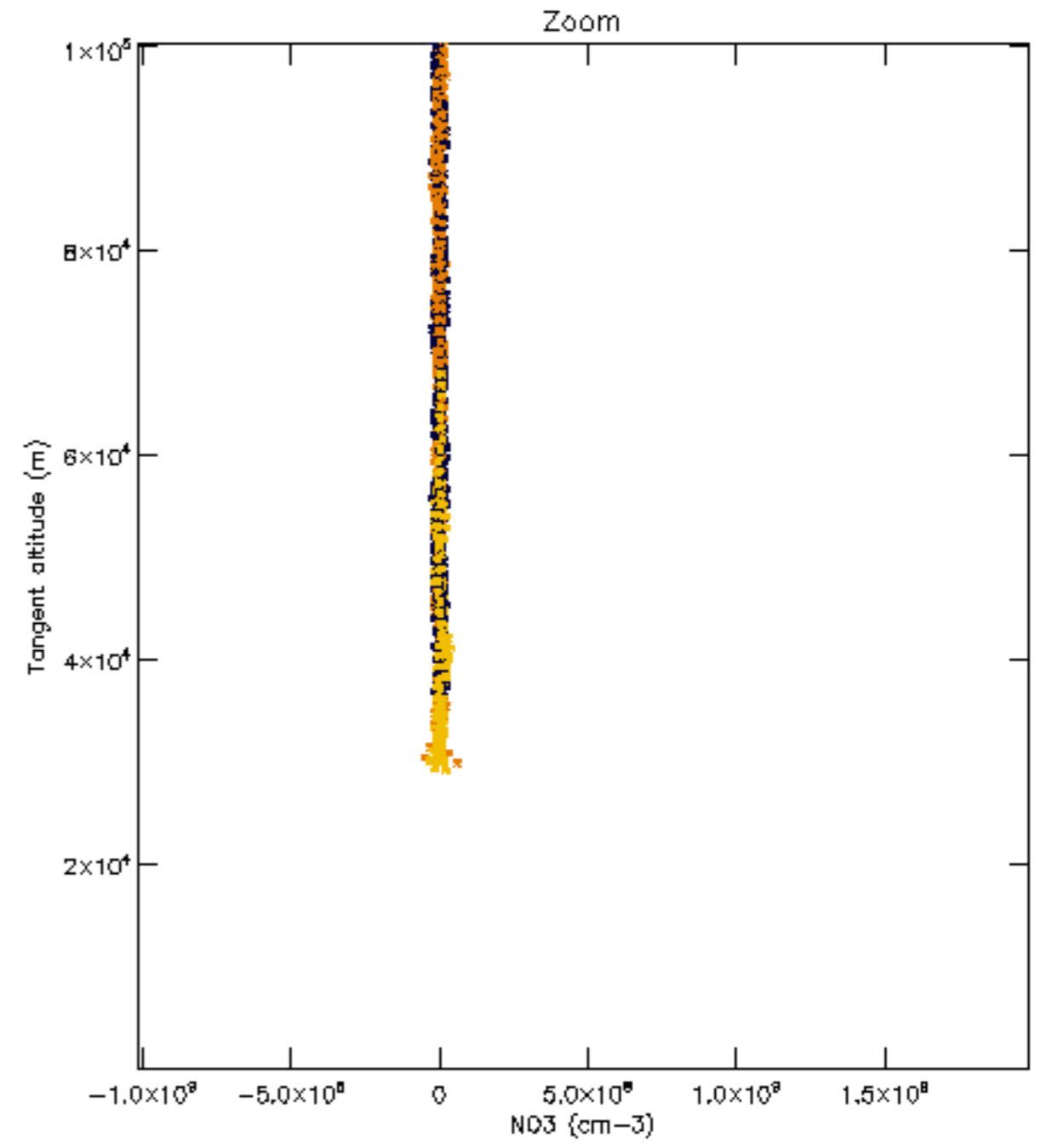
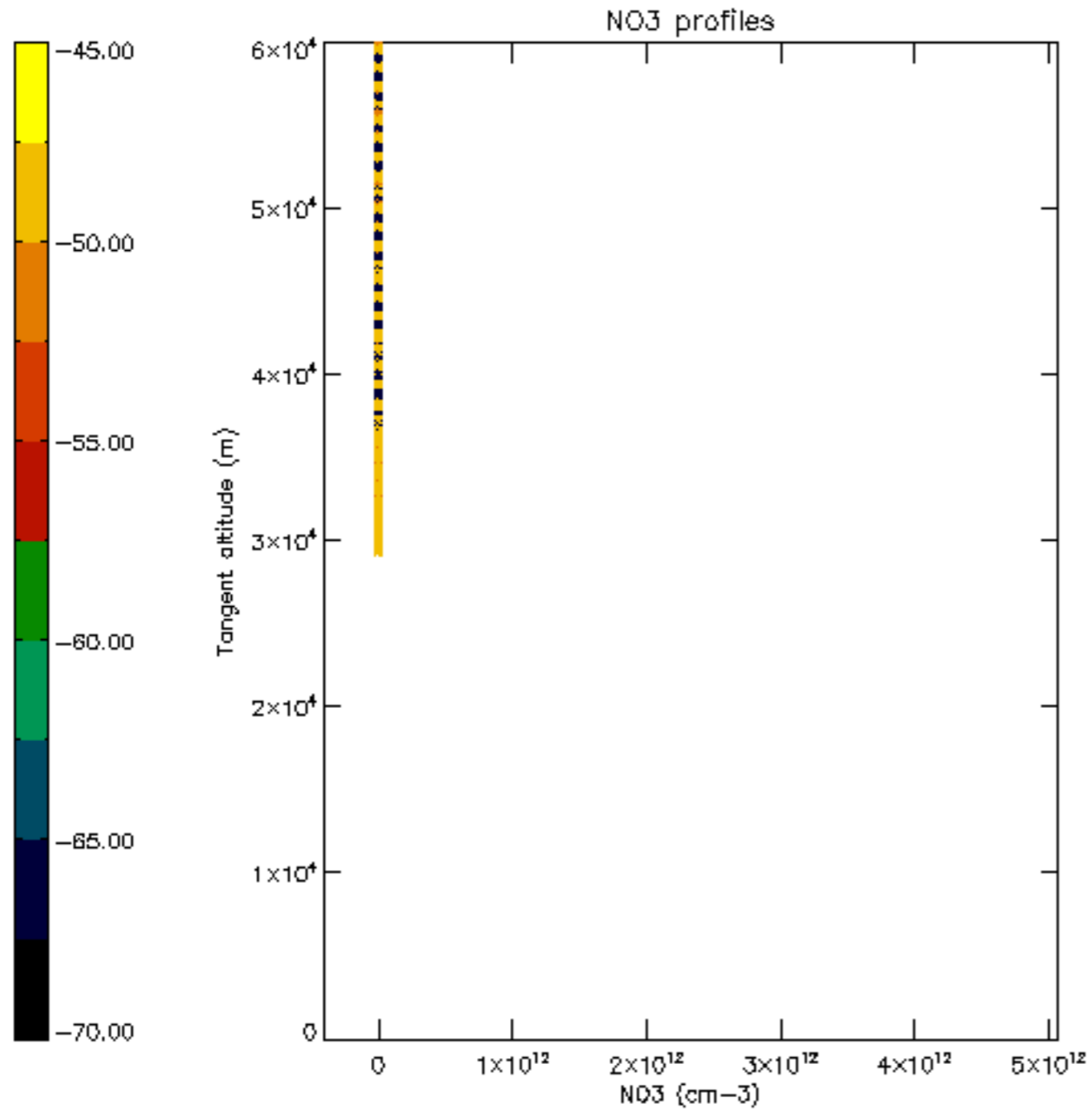


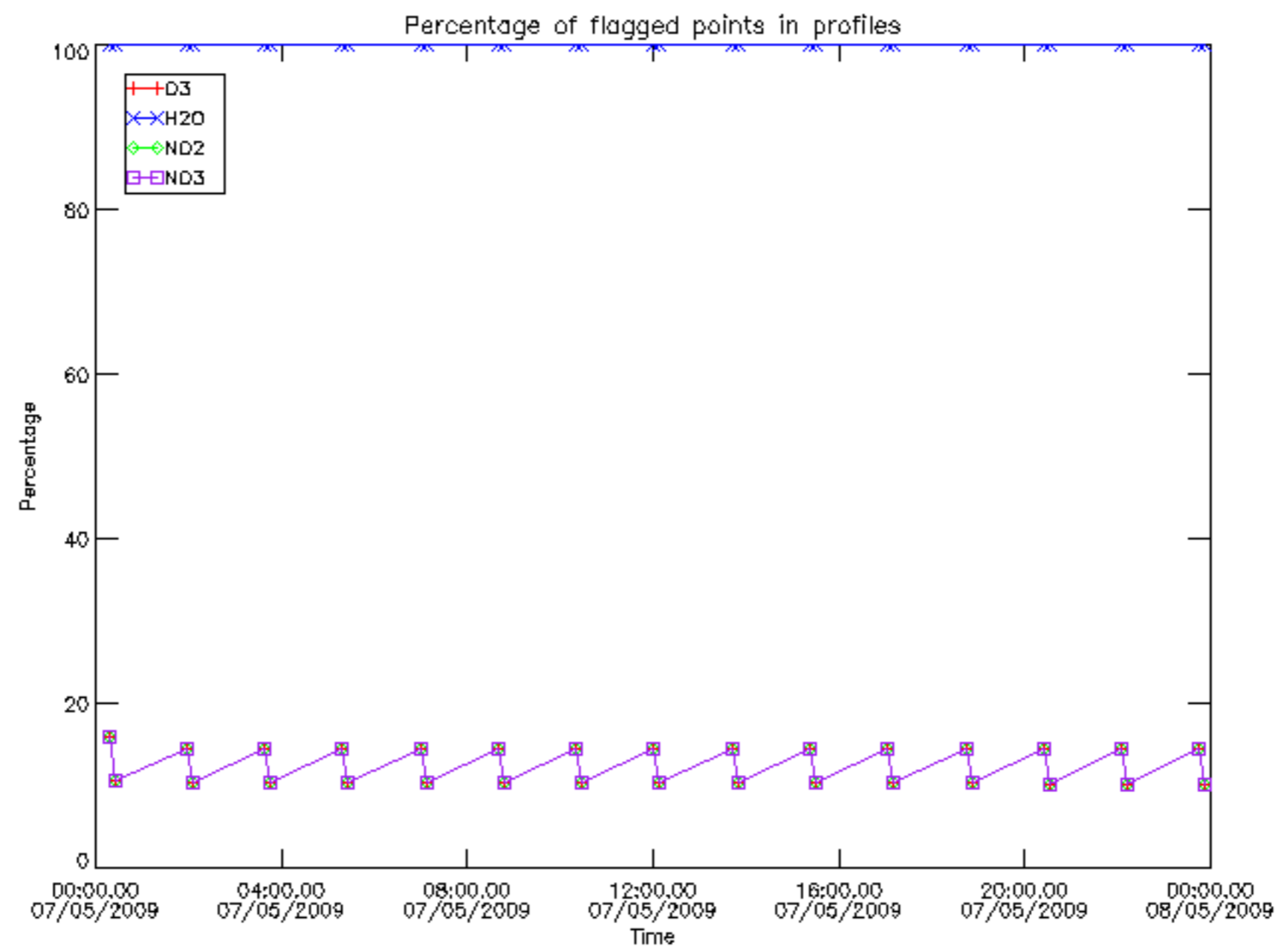




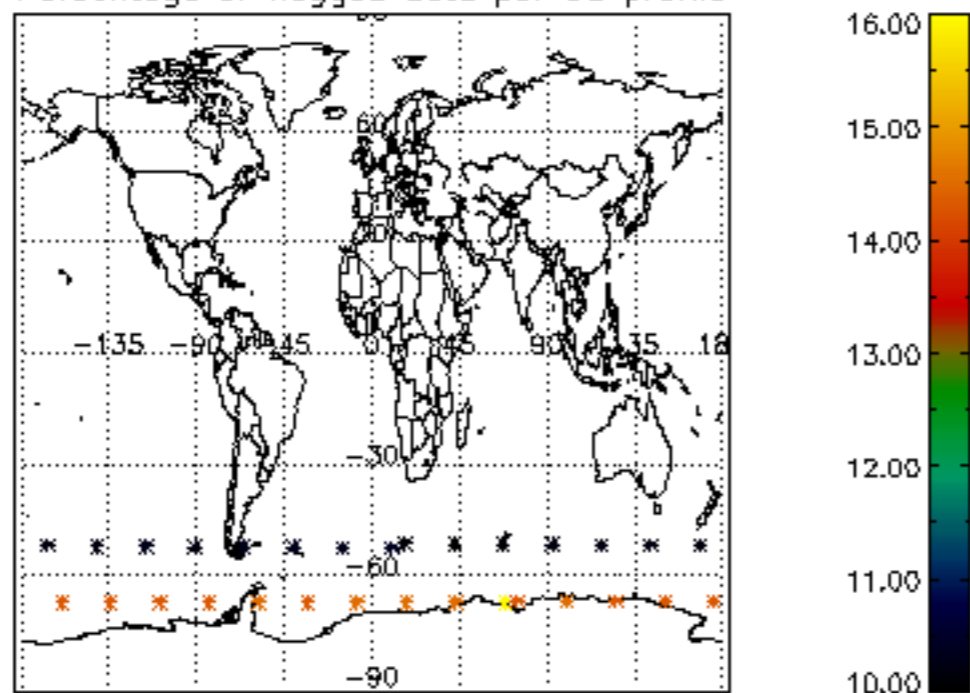




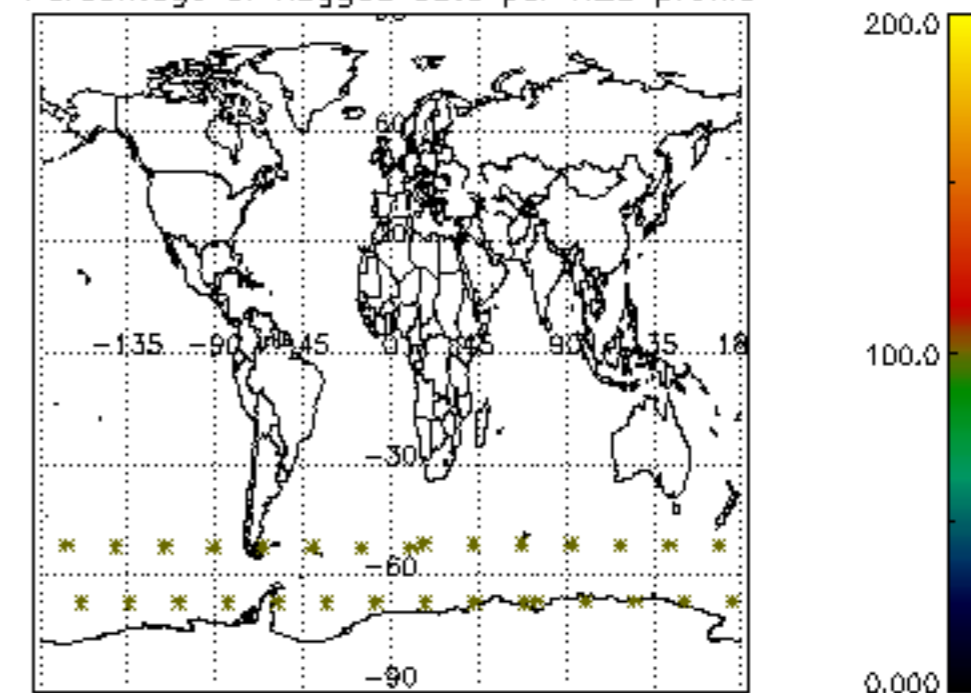




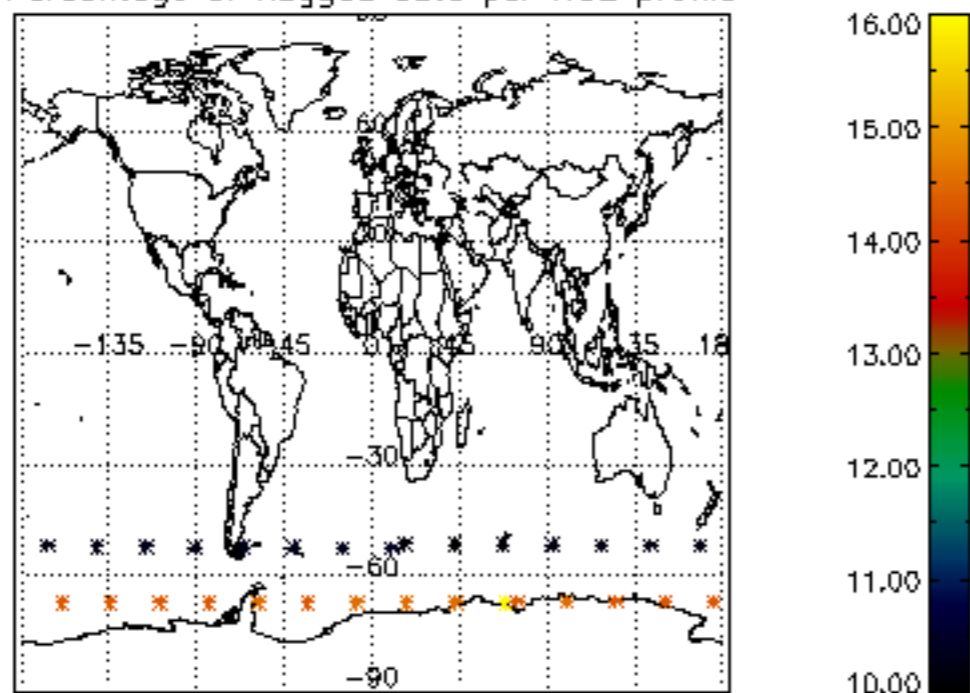
Percentage of flagged data per D3 profile



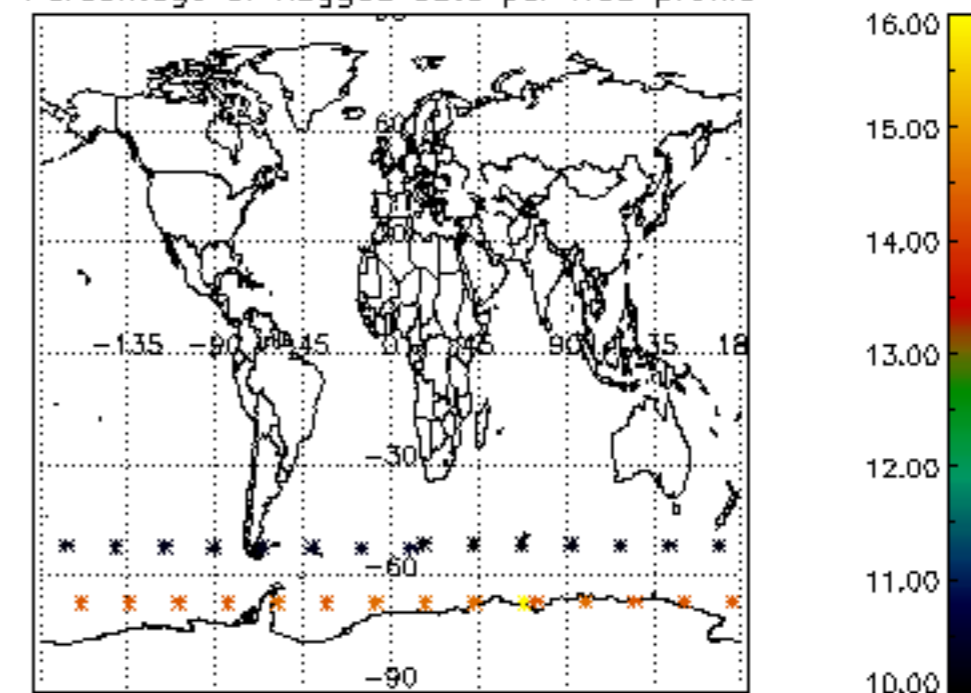
Percentage of flagged data per H2O profile

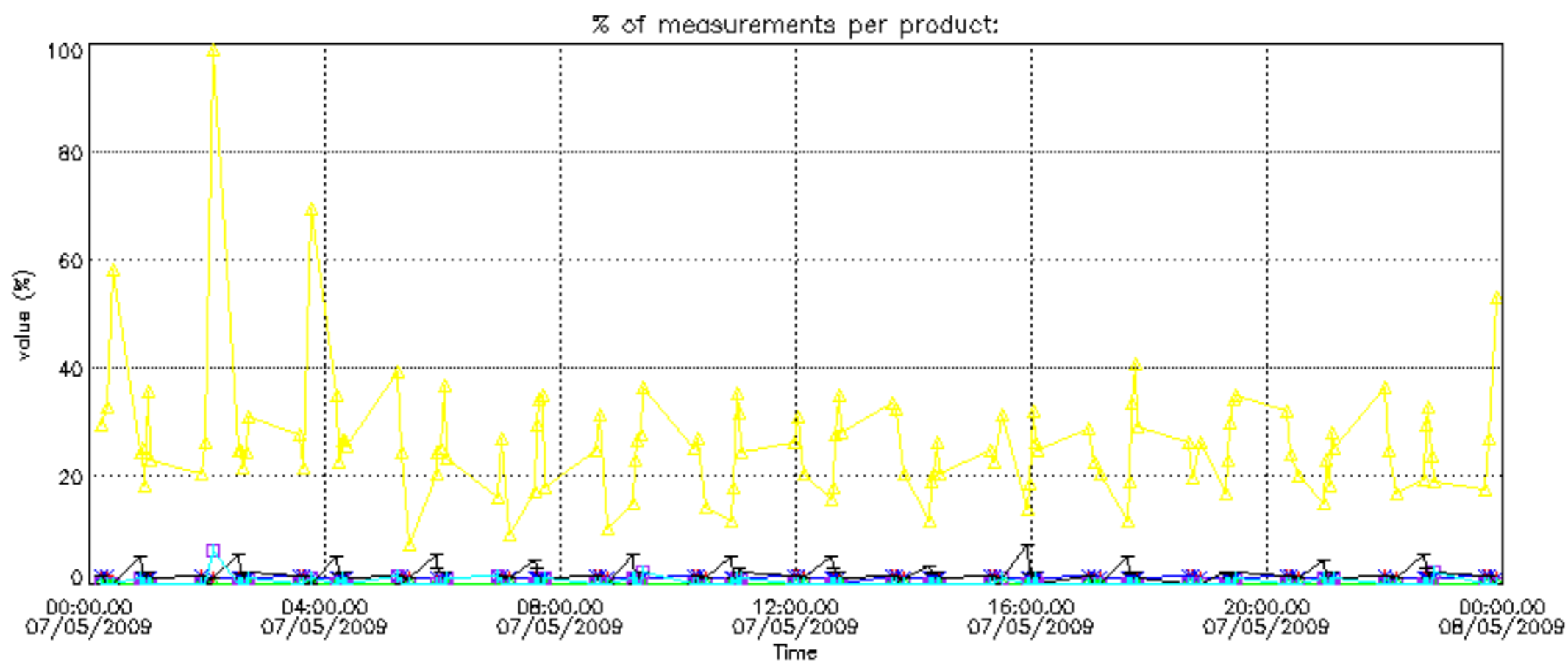


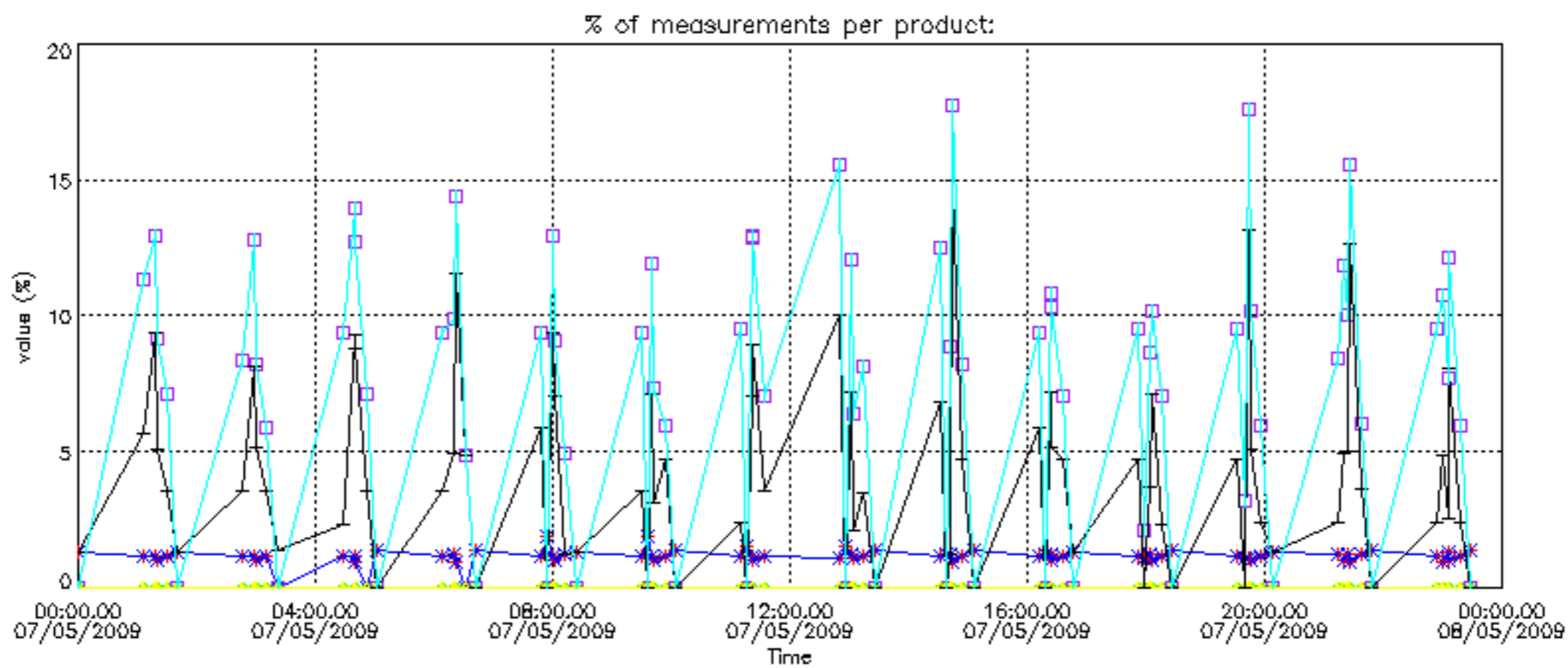
Percentage of flagged data per NO2 profile



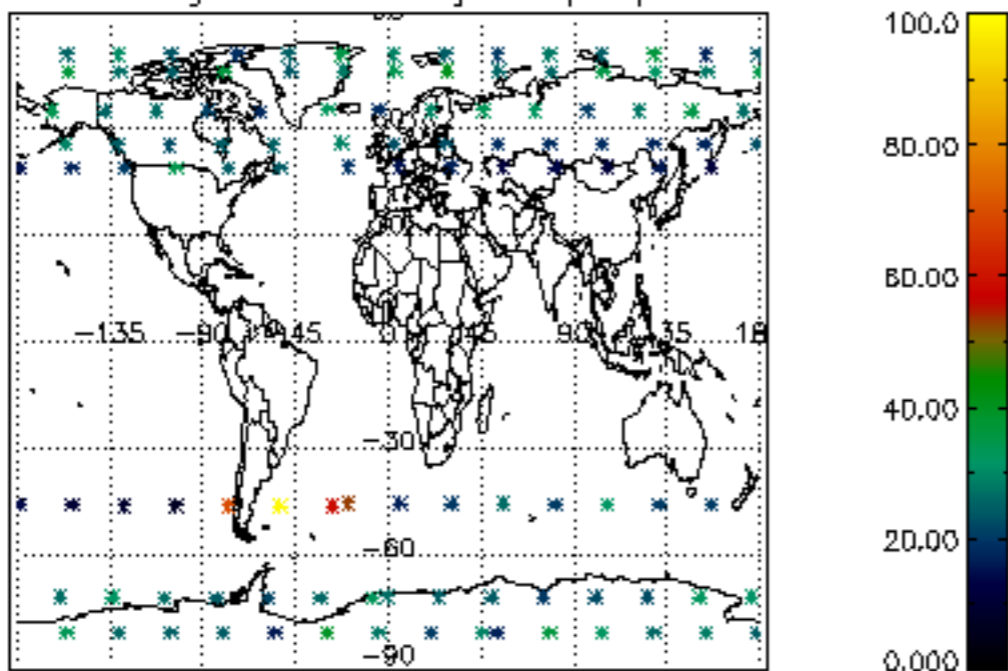
Percentage of flagged data per NO3 profile



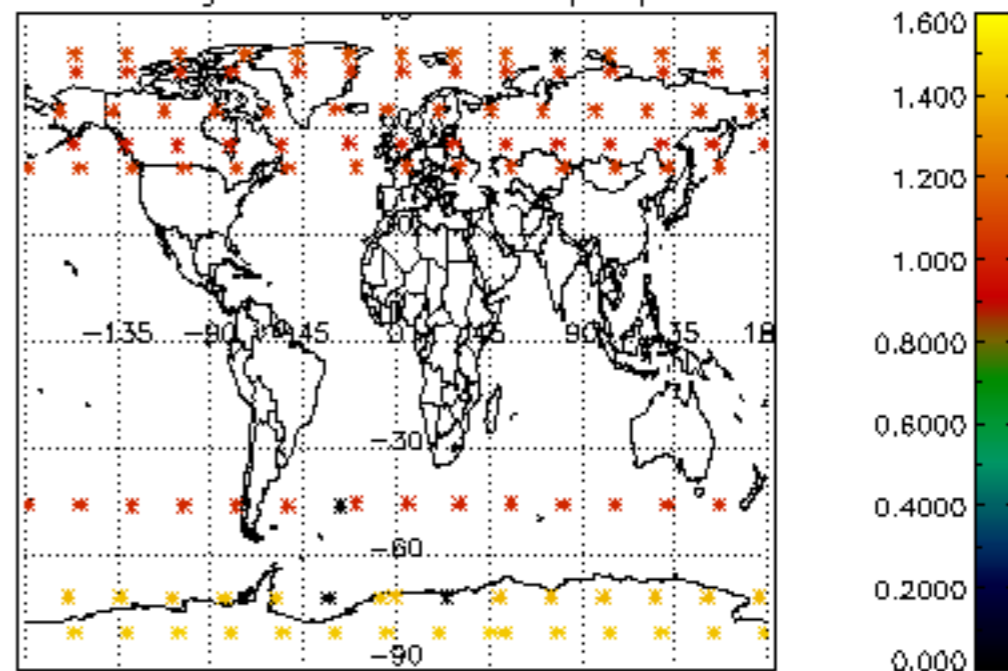




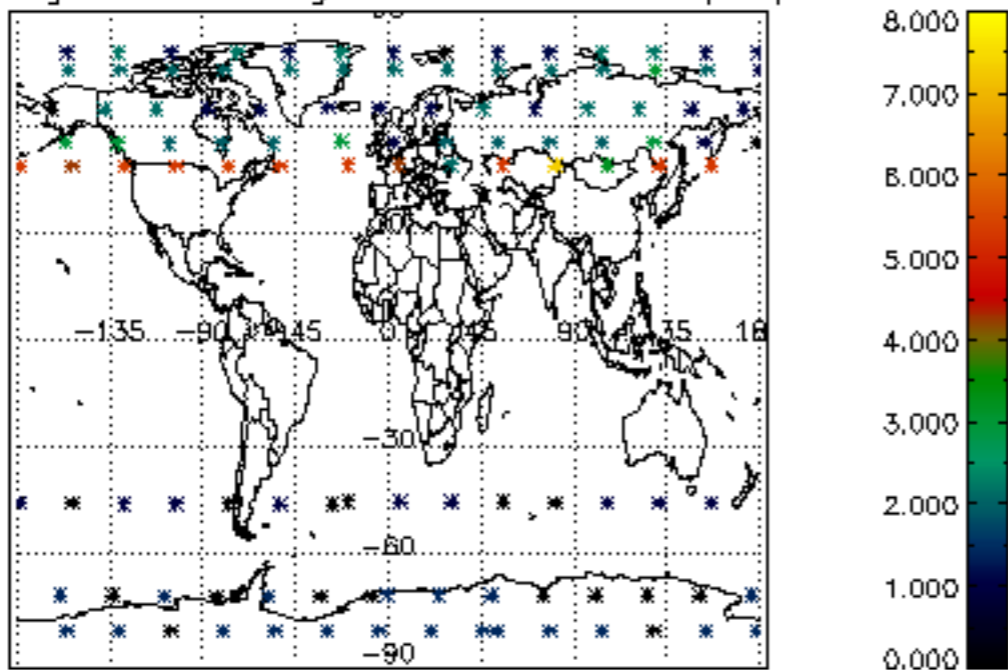
Percentage of cosmic ray hits per profile



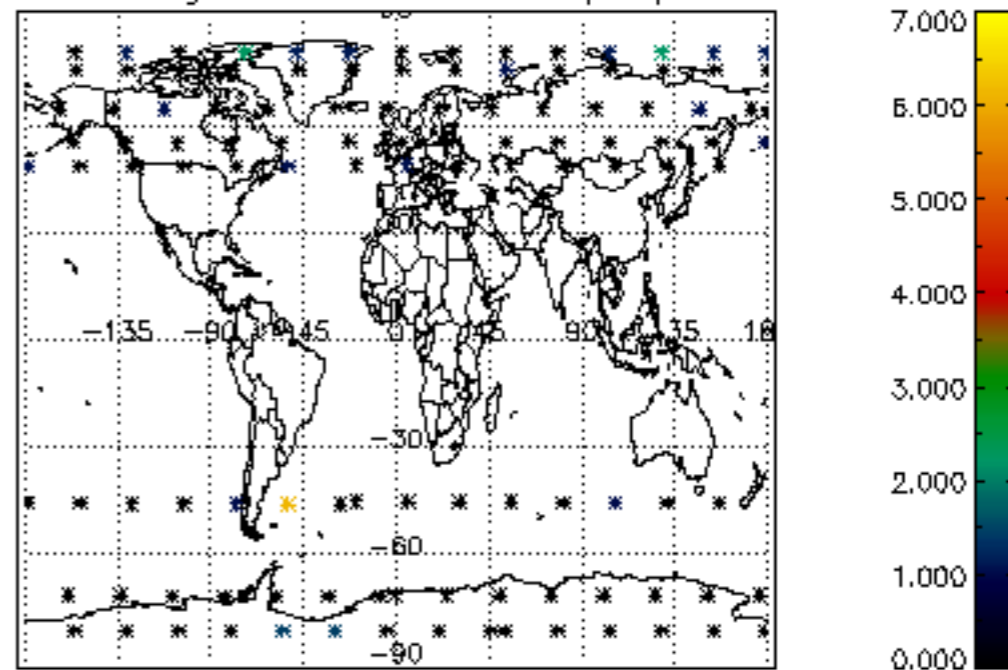
Percentage of datation errors per profile



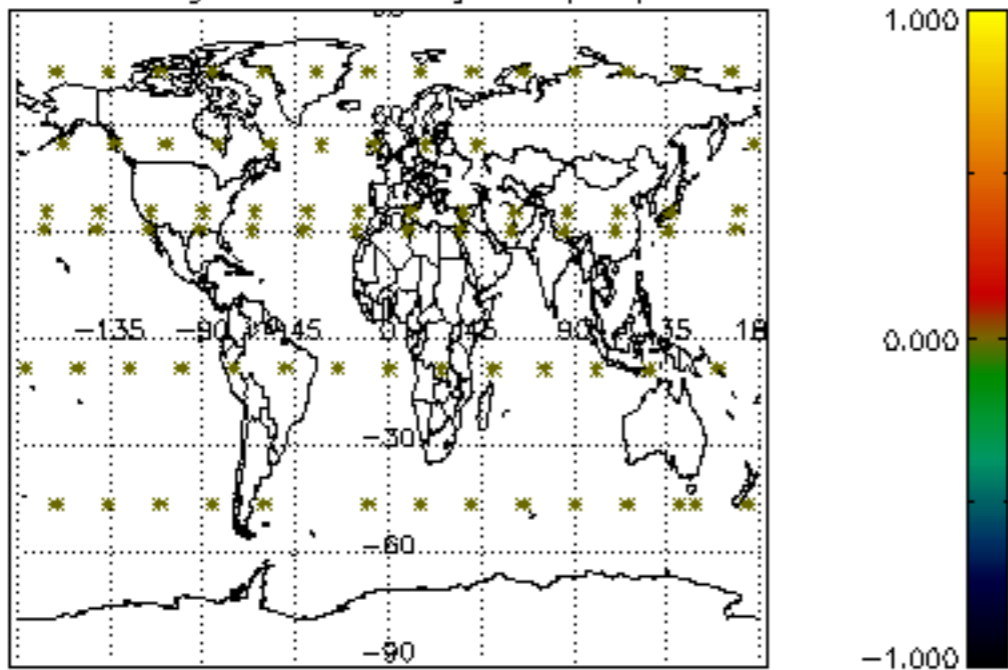
Percentage of star falling outside central band per profile



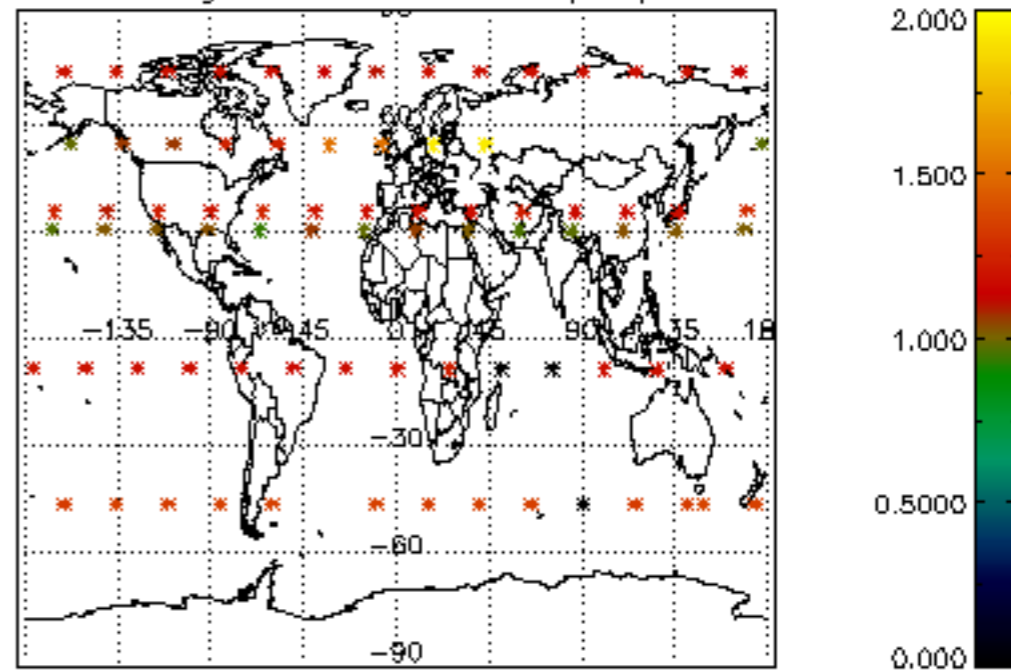
Percentage of saturation errors per profile



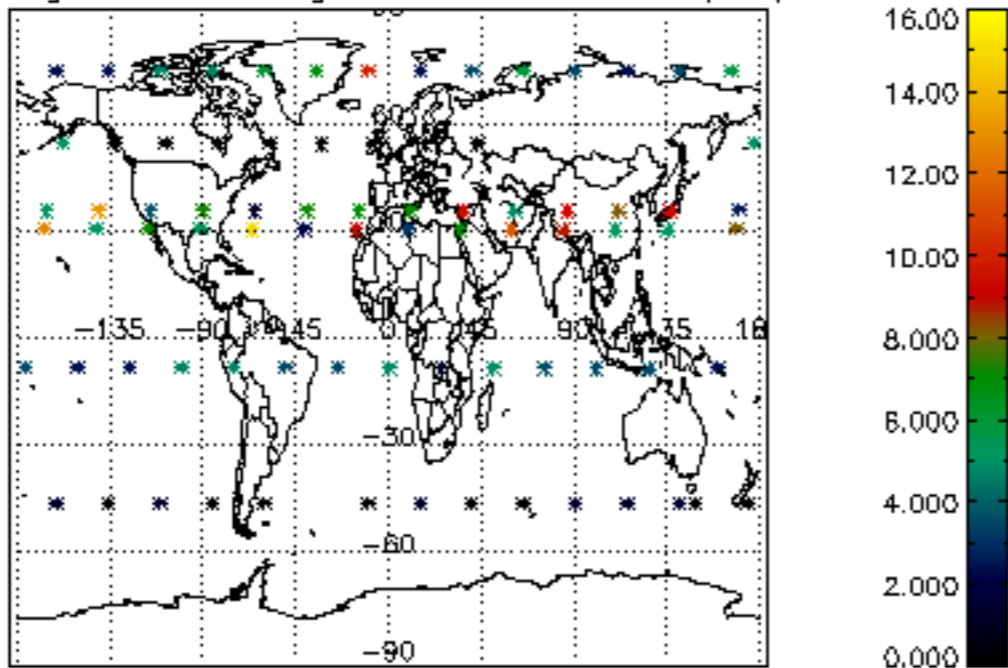
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

