

# 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 11:07:04
Data source version	GOMOS/6.01
Start time of products	25-07-2009 (25JUL2009 00:00:00)
Stop time of products	26-07-2009 (26JUL2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	245
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__2PRFIN20090725_000115_000000652081_00059_38690_2999.N1	25-JUL-2009 00:01:15	Bright	65.000	19	50Alp Cyg	1.2460	10500.	130	38690	No
2	GOM_NL__2PRFIN20090725_000631_000000432081_00059_38690_3000.N1	25-JUL-2009 00:06:31	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	38690	No
3	GOM_NL__2PRFIN20090725_001332_000000522081_00059_38690_3001.N1	25-JUL-2009 00:13:32	Bright	52.000	74	11Bet Cas	2.2680	6600.0	104	38690	No
4	GOM_NL__2PRFIN20090725_001516_000000472081_00059_38690_3002.N1	25-JUL-2009 00:15:16	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	38690	No
5	GOM_NL__2PRFIN20090725_002104_000000472081_00059_38690_3003.N1	25-JUL-2009 00:21:04	Bright	46.500	160	23Gam Per	2.9300	4700.0	93	38690	No
6	GOM_NL__2PRFIN20090725_002235_000000472081_00059_38690_3004.N1	25-JUL-2009 00:22:35	Bright	46.500	35	33Alp Per	1.7950	6250.0	93	38690	No
7	GOM_NL__2PRFIN20090725_002542_000000512081_00059_38690_3005.N1	25-JUL-2009 00:25:42	Bright	51.000	79	26Bet Per	2.3100	13100.	102	38690	No
8	GOM_NL__2PRFIN20090725_002900_000000482081_00059_38690_3006.N1	25-JUL-2009 00:29:00	Twilight	47.500	150	44Zet Per	2.8900	28000.	95	38690	No
9	GOM_NL__2PRFIN20090725_003152_000000492081_00059_38690_3007.N1	25-JUL-2009 00:31:52	Dark	49.000	146	25Eta Tau	2.8730	15200.	98	38690	No
10	GOM_NL__2PRFIN20090725_003327_000000452081_00059_38690_3008.N1	25-JUL-2009 00:33:27	Dark	44.500	13	87Alp Tau	0.86700	3800.0	89	38690	No
11	GOM_NL__2PRFIN20090725_004337_000000502081_00059_38690_3009.N1	25-JUL-2009 00:43:37	Dark	49.500	165	34Gam Eri	2.9500	3200.0	99	38690	No
12	GOM_NL__2PRFIN20090725_005255_000000432081_00059_38690_3010.N1	25-JUL-2009 00:52:55	Dark	42.500	157	The1Eri	2.9060	9300.0	85	38690	No
13	GOM_NL__2PRFIN20090725_010252_000000542081_00060_38691_3022.N1	25-JUL-2009 01:02:52	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	38691	No
14	GOM_NL__2PRFIN20090725_010912_000000482081_00060_38691_3023.N1	25-JUL-2009 01:09:12	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	38691	No
15	GOM_NL__2PRFIN20090725_011224_000000472081_00060_38691_3024.N1	25-JUL-2009 01:12:24	Straylight	47.000	172	Gam Gru	3.0030	13100.	94	38691	No
16	GOM_NL__2PRFIN20090725_012920_000000402081_00060_38691_3025.N1	25-JUL-2009 01:29:20	Bright	40.000	11	53Alp Aql	0.76500	8000.0	80	38691	No
17	GOM_NL__2PRFIN20090725_013852_000000502081_00060_38691_3026.N1	25-JUL-2009 01:38:52	Bright	49.500	92	53Eps Cyg	2.5000	4500.0	99	38691	No
18	GOM_NL__2PRFIN20090725_014150_000000462081_00060_38691_3027.N1	25-JUL-2009 01:41:50	Bright	46.000	19	50Alp Cyg	1.2460	10500.	92	38691	No
19	GOM_NL__2PRFIN20090725_014706_000000432081_00060_38691_3028.N1	25-JUL-2009 01:47:06	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	38691	No
20	GOM_NL__2PRFIN20090725_015407_000000542081_00060_38691_3029.N1	25-JUL-2009 01:54:07	Bright	53.500	74	11Bet Cas	2.2680	6600.0	107	38691	No
21	GOM_NL__2PRFIN20090725_015551_000000482081_00060_38691_3030.N1	25-JUL-2009 01:55:51	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	38691	No
22	GOM_NL__2PRFIN20090725_020140_000000652081_00060_38691_3031.N1	25-JUL-2009 02:01:40	Bright	65.000	160	23Gam Per	2.9300	4700.0	130	38691	No
23	GOM_NL__2PRFIN20090725_020311_000000472081_00060_38691_3032.N1	25-JUL-2009 02:03:11	Bright	47.000	35	33Alp Per	1.7950	6250.0	94	38691	No
24	GOM_NL__2PRFIN20090725_020618_000000522081_00060_38691_3033.N1	25-JUL-2009 02:06:18	Bright	52.000	79	26Bet Per	2.3100	13100.	104	38691	No
25	GOM_NL__2PRFIN20090725_020937_000000492081_00060_38691_3034.N1	25-JUL-2009 02:09:37	Twilight	49.000	150	44Zet Per	2.8900	28000.	98	38691	No
26	GOM_NL__2PRFIN20090725_021228_000000502081_00060_38691_3035.N1	25-JUL-2009 02:12:28	Dark	49.500	146	25Eta Tau	2.8730	15200.	99	38691	No
27	GOM_NL__2PRFIN20090725_021404_000000482081_00060_38691_3036.N1	25-JUL-2009 02:14:04	Dark	48.000	13	87Alp Tau	0.86700	3800.0	96	38691	No
28	GOM_NL__2PRFIN20090725_022414_000000502081_00060_38691_3037.N1	25-JUL-2009 02:24:14	Dark	50.000	165	34Gam Eri	2.9500	3200.0	100	38691	No
29	GOM_NL__2PRFIN20090725_023332_000000432081_00060_38691_3038.N1	25-JUL-2009 02:33:32	Dark	43.000	157	The1Eri	2.9060	9300.0	86	38691	No
30	GOM_NL__2PRFIN20090725_024329_000000542081_00061_38692_3032.N1	25-JUL-2009 02:43:29	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	38692	No
31	GOM_NL__2PRFIN20090725_024949_000000472081_00061_38692_3033.N1	25-JUL-2009 02:49:49	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	38692	No
32	GOM_NL__2PRFIN20090725_025301_000000482081_00061_38692_3034.N1	25-JUL-2009 02:53:01	Straylight	47.500	172	Gam Gru	3.0030	13100.	95	38692	No
33	GOM_NL__2PRFIN20090725_030956_000000432081_00061_38692_3035.N1	25-JUL-2009 03:09:56	Bright	42.500	11	53Alp Aql	0.76500	8000.0	85	38692	No
34	GOM_NL__2PRFIN20090725_031927_000000482081_00061_38692_3036.N1	25-JUL-2009 03:19:27	Bright	47.500	92	53Eps Cyg	2.5000	4500.0	95	38692	No
35	GOM_NL__2PRFIN20090725_032225_000000432081_00061_38692_3037.N1	25-JUL-2009 03:22:25	Bright	42.500	19	50Alp Cyg	1.2460	10500.	85	38692	No
36	GOM_NL__2PRFIN20090725_032742_000000382081_00061_38692_3038.N1	25-JUL-2009 03:27:42	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	38692	No
37	GOM_NL__2PRFIN20090725_033442_000000502081_00061_38692_3039.N1	25-JUL-2009 03:34:42	Bright	50.000	74	11Bet Cas	2.2680	6600.0	100	38692	No
38	GOM_NL__2PRFIN20090725_033627_000000482081_00061_38692_3040.N1	25-JUL-2009 03:36:27	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	38692	No
39	GOM_NL__2PRFIN20090725_034215_000000652081_00061_38692_3041.N1	25-JUL-2009 03:42:15	Bright	65.000	160	23Gam Per	2.9300	4700.0	130	38692	No
40	GOM_NL__2PRFIN20090725_034346_000000472081_00061_38692_3042.N1	25-JUL-2009 03:43:46	Bright	47.000	35	33Alp Per	1.7950	6250.0	94	38692	No
41	GOM_NL__2PRFIN20090725_034653_000000542081_00061_38692_3043.N1	25-JUL-2009 03:46:53	Bright	53.500	79	26Bet Per	2.3100	13100.	107	38692	No
42	GOM_NL__2PRFIN20090725_035012_000000502081_00061_38692_3044.N1	25-JUL-2009 03:50:12	Twilight	50.000	150	44Zet Per	2.8900	28000.	100	38692	No

43	GOM_NL__2PRFIN20090725_035305_000000502081_00061_38692_3045.N1	25-JUL-2009 03:53:05	Dark	50.000	146	25Eta Tau	2.8730	15200.	100	38692	No
44	GOM_NL__2PRFIN20090725_035440_000000582081_00061_38692_3046.N1	25-JUL-2009 03:54:40	Dark	58.000	13	87Alp Tau	0.86700	3800.0	116	38692	No
45	GOM_NL__2PRFIN20090725_040450_000000482081_00061_38692_3047.N1	25-JUL-2009 04:04:50	Dark	47.500	165	34Gam Eri	2.9500	3200.0	95	38692	No
46	GOM_NL__2PRFIN20090725_041408_000000442081_00061_38692_3048.N1	25-JUL-2009 04:14:08	Dark	44.000	157	The1Eri	2.9060	9300.0	88	38692	No
47	GOM_NL__2PRFIN20090725_042406_000000552081_00062_38693_3045.N1	25-JUL-2009 04:24:06	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	38693	No
48	GOM_NL__2PRFIN20090725_043025_000000462081_00062_38693_3046.N1	25-JUL-2009 04:30:25	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	38693	No
49	GOM_NL__2PRFIN20090725_043337_000000482081_00062_38693_3047.N1	25-JUL-2009 04:33:37	Straylight	47.500	172	Gam Gru	3.0030	13100.	95	38693	No
50	GOM_NL__2PRFIN20090725_045032_000000412081_00062_38693_3048.N1	25-JUL-2009 04:50:32	Bright	40.500	11	53Alp Aql	0.76500	8000.0	81	38693	No
51	GOM_NL__2PRFIN20090725_050002_000000492081_00062_38693_3049.N1	25-JUL-2009 05:00:02	Bright	48.500	92	53Eps Cyg	2.5000	4500.0	97	38693	No
52	GOM_NL__2PRFIN20090725_050301_000000452081_00062_38693_3050.N1	25-JUL-2009 05:03:01	Bright	45.000	19	50Alp Cyg	1.2460	10500.	90	38693	No
53	GOM_NL__2PRFIN20090725_050817_000000432081_00062_38693_3051.N1	25-JUL-2009 05:08:17	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	38693	No
54	GOM_NL__2PRFIN20090725_051518_000000492081_00062_38693_3052.N1	25-JUL-2009 05:15:18	Bright	49.000	74	11Bet Cas	2.2680	6600.0	98	38693	No
55	GOM_NL__2PRFIN20090725_051702_000000482081_00062_38693_3053.N1	25-JUL-2009 05:17:02	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	38693	No
56	GOM_NL__2PRFIN20090725_052251_000000652081_00062_38693_3054.N1	25-JUL-2009 05:22:51	Bright	65.000	160	23Gam Per	2.9300	4700.0	130	38693	No
57	GOM_NL__2PRFIN20090725_052422_000000482081_00062_38693_3055.N1	25-JUL-2009 05:24:22	Bright	47.500	35	33Alp Per	1.7950	6250.0	95	38693	No
58	GOM_NL__2PRFIN20090725_052729_000000522081_00062_38693_3056.N1	25-JUL-2009 05:27:29	Bright	51.500	79	26Bet Per	2.3100	13100.	103	38693	No
59	GOM_NL__2PRFIN20090725_053049_000000512081_00062_38693_3057.N1	25-JUL-2009 05:30:49	Twi_and_stray	50.500	150	44Zet Per	2.8900	28000.	101	38693	No
60	GOM_NL__2PRFIN20090725_053341_000000522081_00062_38693_3058.N1	25-JUL-2009 05:33:41	Dark	51.500	146	25Eta Tau	2.8730	15200.	103	38693	No
61	GOM_NL__2PRFIN20090725_053516_000000552081_00062_38693_3059.N1	25-JUL-2009 05:35:16	Dark	54.500	13	87Alp Tau	0.86700	3800.0	109	38693	No
62	GOM_NL__2PRFIN20090725_054527_000000492081_00062_38693_3060.N1	25-JUL-2009 05:45:27	Dark	49.000	165	34Gam Eri	2.9500	3200.0	98	38693	No
63	GOM_NL__2PRFIN20090725_055445_000000442081_00062_38693_3061.N1	25-JUL-2009 05:54:45	Dark	44.000	157	The1Eri	2.9060	9300.0	88	38693	No
64	GOM_NL__2PRFIN20090725_060443_000000532081_00063_38694_3056.N1	25-JUL-2009 06:04:43	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	38694	No
65	GOM_NL__2PRFIN20090725_061102_000000452081_00063_38694_3057.N1	25-JUL-2009 06:11:02	Straylight	44.500	31	Alp Gru	1.7340	15200.	89	38694	No
66	GOM_NL__2PRFIN20090725_061414_000000472081_00063_38694_3058.N1	25-JUL-2009 06:14:14	Straylight	47.000	172	Gam Gru	3.0030	13100.	94	38694	No
67	GOM_NL__2PRFIN20090725_063108_000000432081_00063_38694_3059.N1	25-JUL-2009 06:31:08	Bright	43.000	11	53Alp Aql	0.76500	8000.0	86	38694	No
68	GOM_NL__2PRFIN20090725_064037_000000492081_00063_38694_3060.N1	25-JUL-2009 06:40:37	Bright	48.500	92	53Eps Cyg	2.5000	4500.0	97	38694	No
69	GOM_NL__2PRFIN20090725_064336_000000452081_00063_38694_3061.N1	25-JUL-2009 06:43:36	Bright	45.000	19	50Alp Cyg	1.2460	10500.	90	38694	No
70	GOM_NL__2PRFIN20090725_064853_000000392081_00063_38694_3062.N1	25-JUL-2009 06:48:53	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	38694	No
71	GOM_NL__2PRFIN20090725_065553_000000502081_00063_38694_3063.N1	25-JUL-2009 06:55:53	Bright	50.000	74	11Bet Cas	2.2680	6600.0	100	38694	No
72	GOM_NL__2PRFIN20090725_065737_000000482081_00063_38694_3064.N1	25-JUL-2009 06:57:37	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	38694	No
73	GOM_NL__2PRFIN20090725_070327_000000452081_00063_38694_3065.N1	25-JUL-2009 07:03:27	Bright	45.000	160	23Gam Per	2.9300	4700.0	90	38694	No
74	GOM_NL__2PRFIN20090725_070458_000000482081_00063_38694_3066.N1	25-JUL-2009 07:04:58	Bright	48.000	35	33Alp Per	1.7950	6250.0	96	38694	No
75	GOM_NL__2PRFIN20090725_070805_000000512081_00063_38694_3067.N1	25-JUL-2009 07:08:05	Bright	51.000	79	26Bet Per	2.3100	13100.	102	38694	No
76	GOM_NL__2PRFIN20090725_071125_000000502081_00063_38694_3068.N1	25-JUL-2009 07:11:25	Twi_and_stray	50.000	150	44Zet Per	2.8900	28000.	100	38694	No
77	GOM_NL__2PRFIN20090725_071417_000000502081_00063_38694_3069.N1	25-JUL-2009 07:14:17	Dark	50.000	146	25Eta Tau	2.8730	15200.	100	38694	No
78	GOM_NL__2PRFIN20090725_071553_000000512081_00063_38694_3070.N1	25-JUL-2009 07:15:53	Dark	50.500	13	87Alp Tau	0.86700	3800.0	101	38694	No
79	GOM_NL__2PRFIN20090725_072603_000000502081_00063_38694_3071.N1	25-JUL-2009 07:26:03	Dark	49.500	165	34Gam Eri	2.9500	3200.0	99	38694	No
80	GOM_NL__2PRFIN20090725_073522_000000432081_00063_38694_3072.N1	25-JUL-2009 07:35:22	Dark	43.000	157	The1Eri	2.9060	9300.0	86	38694	No
81	GOM_NL__2PRFIN20090725_074520_000000552081_00064_38695_3063.N1	25-JUL-2009 07:45:20	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	38695	No
82	GOM_NL__2PRFIN20090725_075138_000000472081_00064_38695_3064.N1	25-JUL-2009 07:51:38	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	38695	No
83	GOM_NL__2PRFIN20090725_075450_000000472081_00064_38695_3065.N1	25-JUL-2009 07:54:50	Straylight	47.000	172	Gam Gru	3.0030	13100.	94	38695	No
84	GOM_NL__2PRFIN20090725_081143_000000392081_00064_38695_3066.N1	25-JUL-2009 08:11:43	Bright	39.000	11	53Alp Aql	0.76500	8000.0	78	38695	No
85	GOM_NL__2PRFIN20090725_082113_000000492081_00064_38695_3067.N1	25-JUL-2009 08:21:13	Bright	49.000	92	53Eps Cyg	2.5000	4500.0	98	38695	No
86	GOM_NL__2PRFIN20090725_082412_000000462081_00064_38695_3068.N1	25-JUL-2009 08:24:12	Bright	45.500	19	50Alp Cyg	1.2460	10500.	91	38695	No
87	GOM_NL__2PRFIN20090725_082928_000000412081_00064_38695_3069.N1	25-JUL-2009 08:29:28	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	38695	No
88	GOM_NL__2PRFIN20090725_083628_000000502081_00064_38695_3070.N1	25-JUL-2009 08:36:28	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	38695	No
89	GOM_NL__2PRFIN20090725_083813_000000482081_00064_38695_3071.N1	25-JUL-2009 08:38:13	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	38695	No
90	GOM_NL__2PRFIN20090725_084402_000000462081_00064_38695_3072.N1	25-JUL-2009 08:44:02	Bright	46.000	160	23Gam Per	2.9300	4700.0	92	38695	No
91	GOM_NL__2PRFIN20090725_084534_000000642081_00064_38695_3073.N1	25-JUL-2009 08:45:34	Bright	64.000	35	33Alp Per	1.7950	6250.0	128	38695	No
92	GOM_NL__2PRFIN20090725_084841_000000532081_00064_38695_3074.N1	25-JUL-2009 08:48:41	Bright	52.500	79	26Bet Per	2.3100	13100.	105	38695	No
93	GOM_NL__2PRFIN20090725_085201_000000482081_00064_38695_3075.N1	25-JUL-2009 08:52:01	Twi_and_stray	48.000	150	44Zet Per	2.8900	28000.	96	38695	No
94	GOM_NL__2PRFIN20090725_085453_000000522081_00064_38695_3076.N1	25-JUL-2009 08:54:53	Dark	51.500	146	25Eta Tau	2.8730	15200.	103	38695	No
95	GOM_NL__2PRFIN20090725_085629_000000492081_00064_38695_3077.N1	25-JUL-2009 08:56:29	Dark	49.000	13	87Alp Tau	0.86700	3800.0	98	38695	No
96	GOM_NL__2PRFIN20090725_090640_000000512081_00064_38695_3078.N1	25-JUL-2009 09:06:40	Dark	50.500	165	34Gam Eri	2.9500	3200.0	101	38695	No
97	GOM_NL__2PRFIN20090725_091559_000000442081_00064_38695_3079.N1	25-JUL-2009 09:15:59	Dark	43.500	157	The1Eri	2.9060	9300.0	87	38695	No
98	GOM_NL__2PRFIN20090725_092557_000000562081_00065_38696_3076.N1	25-JUL-2009 09:25:57	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	38696	No
99	GOM_NL__2PRFIN20090725_093215_000000462081_00065_38696_3077.N1	25-JUL-2009 09:32:15	Straylight	46.000	31	Alp Gru	1.7340	15200.	92	38696	No
100	GOM_NL__2PRFIN20090725_093527_000000472081_00065_38696_3078.N1	25-JUL-2009 09:35:27	Straylight	47.000	172	Gam Gru	3.0030	13100.	94	38696	No
101	GOM_NL__2PRFIN20090725_095219_000000402081_00065_38696_3079.N1	25-JUL-2009 09:52:19	Bright	39.500	11	53Alp Aql	0.76500	8000.0	79	38696	No

102	GOM_NL__2PRFIN20090725_100148_000000702081_00065_38696_3080.N1	25-JUL-2009 10:01:48	Bright	70.000	92	53Eps Cyg	2.5000	4500.0	140	38696	No
103	GOM_NL__2PRFIN20090725_100447_000000462081_00065_38696_3081.N1	25-JUL-2009 10:04:47	Bright	45.500	19	50Alp Cyg	1.2460	10500.	91	38696	No
104	GOM_NL__2PRFIN20090725_101003_000000432081_00065_38696_3082.N1	25-JUL-2009 10:10:03	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	38696	No
105	GOM_NL__2PRFIN20090725_101703_000000512081_00065_38696_3083.N1	25-JUL-2009 10:17:03	Bright	51.000	74	11Bet Cas	2.2680	6600.0	102	38696	No
106	GOM_NL__2PRFIN20090725_101848_000000482081_00065_38696_3084.N1	25-JUL-2009 10:18:48	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	38696	No
107	GOM_NL__2PRFIN20090725_102438_000000442081_00065_38696_3085.N1	25-JUL-2009 10:24:38	Bright	43.500	160	23Gam Per	2.9300	4700.0	87	38696	No
108	GOM_NL__2PRFIN20090725_102609_000000472081_00065_38696_3086.N1	25-JUL-2009 10:26:09	Bright	46.500	35	33Alp Per	1.7950	6250.0	93	38696	No
109	GOM_NL__2PRFIN20090725_102917_000000522081_00065_38696_3087.N1	25-JUL-2009 10:29:17	Bright	52.000	79	26Bet Per	2.3100	13100.	104	38696	No
110	GOM_NL__2PRFIN20090725_103237_000000482081_00065_38696_3088.N1	25-JUL-2009 10:32:37	Twi_and_stray	48.000	150	44Zet Per	2.8900	28000.	96	38696	No
111	GOM_NL__2PRFIN20090725_103530_000000502081_00065_38696_3089.N1	25-JUL-2009 10:35:30	Dark	50.000	146	25Eta Tau	2.8730	15200.	100	38696	No
112	GOM_NL__2PRFIN20090725_103705_000000592081_00065_38696_3090.N1	25-JUL-2009 10:37:05	Dark	59.000	13	87Alp Tau	0.86700	3800.0	118	38696	No
113	GOM_NL__2PRFIN20090725_104717_000000462081_00065_38696_3091.N1	25-JUL-2009 10:47:17	Dark	46.000	165	34Gam Eri	2.9500	3200.0	92	38696	No
114	GOM_NL__2PRFIN20090725_105635_000000452081_00065_38696_3092.N1	25-JUL-2009 10:56:35	Dark	44.500	157	The1Eri	2.9060	9300.0	89	38696	No
115	GOM_NL__2PRFIN20090725_110634_000000532081_00066_38697_3099.N1	25-JUL-2009 11:06:34	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	38697	No
116	GOM_NL__2PRFIN20090725_111251_000000452081_00066_38697_3100.N1	25-JUL-2009 11:12:51	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	38697	No
117	GOM_NL__2PRFIN20090725_111603_000000482081_00066_38697_3101.N1	25-JUL-2009 11:16:03	Straylight	48.000	172	Gam Gru	3.0030	13100.	96	38697	No
118	GOM_NL__2PRFIN20090725_113255_000000392081_00066_38697_3102.N1	25-JUL-2009 11:32:55	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	38697	No
119	GOM_NL__2PRFIN20090725_114223_000000442081_00066_38697_3103.N1	25-JUL-2009 11:42:23	Bright	44.000	92	53Eps Cyg	2.5000	4500.0	88	38697	No
120	GOM_NL__2PRFIN20090725_114522_000000452081_00066_38697_3104.N1	25-JUL-2009 11:45:22	Bright	45.000	19	50Alp Cyg	1.2460	10500.	90	38697	No
121	GOM_NL__2PRFIN20090725_115039_000000412081_00066_38697_3105.N1	25-JUL-2009 11:50:39	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	38697	No
122	GOM_NL__2PRFIN20090725_115738_000000512081_00066_38697_3106.N1	25-JUL-2009 11:57:38	Bright	50.500	74	11Bet Cas	2.2680	6600.0	101	38697	No
123	GOM_NL__2PRFIN20090725_115923_000000472081_00066_38697_3107.N1	25-JUL-2009 11:59:23	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	38697	No
124	GOM_NL__2PRFIN20090725_120513_000000462081_00066_38697_3108.N1	25-JUL-2009 12:05:13	Bright	46.000	160	23Gam Per	2.9300	4700.0	92	38697	No
125	GOM_NL__2PRFIN20090725_120645_000000472081_00066_38697_3109.N1	25-JUL-2009 12:06:45	Bright	46.500	35	33Alp Per	1.7950	6250.0	93	38697	No
126	GOM_NL__2PRFIN20090725_120952_000000542081_00066_38697_3110.N1	25-JUL-2009 12:09:52	Bright	53.500	79	26Bet Per	2.3100	13100.	107	38697	No
127	GOM_NL__2PRFIN20090725_121313_000000492081_00066_38697_3111.N1	25-JUL-2009 12:13:13	Twi_and_stray	48.500	150	44Zet Per	2.8900	28000.	97	38697	No
128	GOM_NL__2PRFIN20090725_121606_000000502081_00066_38697_3112.N1	25-JUL-2009 12:16:06	Dark	49.500	146	25Eta Tau	2.8730	15200.	99	38697	No
129	GOM_NL__2PRFIN20090725_121741_000000592081_00066_38697_3113.N1	25-JUL-2009 12:17:41	Dark	58.500	13	87Alp Tau	0.86700	3800.0	117	38697	No
130	GOM_NL__2PRFIN20090725_122753_000000482081_00066_38697_3114.N1	25-JUL-2009 12:27:53	Dark	47.500	165	34Gam Eri	2.9500	3200.0	95	38697	No
131	GOM_NL__2PRFIN20090725_123712_000000442081_00066_38697_3115.N1	25-JUL-2009 12:37:12	Dark	43.500	157	The1Eri	2.9060	9300.0	87	38697	No
132	GOM_NL__2PRFIN20090725_124711_000000552081_00067_38698_3114.N1	25-JUL-2009 12:47:11	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	38698	No
133	GOM_NL__2PRFIN20090725_125328_000000462081_00067_38698_3115.N1	25-JUL-2009 12:53:28	Straylight	46.000	31	Alp Gru	1.7340	15200.	92	38698	No
134	GOM_NL__2PRFIN20090725_125640_000000472081_00067_38698_3116.N1	25-JUL-2009 12:56:40	Straylight	47.000	172	Gam Gru	3.0030	13100.	94	38698	No
135	GOM_NL__2PRFIN20090725_131331_000000442081_00067_38698_3117.N1	25-JUL-2009 13:13:31	Bright	43.500	11	53Alp Aql	0.76500	8000.0	87	38698	No
136	GOM_NL__2PRFIN20090725_132258_000000502081_00067_38698_3118.N1	25-JUL-2009 13:22:58	Bright	49.500	92	53Eps Cyg	2.5000	4500.0	99	38698	No
137	GOM_NL__2PRFIN20090725_132557_000000592081_00067_38698_3119.N1	25-JUL-2009 13:25:57	Bright	58.500	19	50Alp Cyg	1.2460	10500.	117	38698	No
138	GOM_NL__2PRFIN20090725_133114_000000432081_00067_38698_3120.N1	25-JUL-2009 13:31:14	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	38698	No
139	GOM_NL__2PRFIN20090725_133813_000000502081_00067_38698_3121.N1	25-JUL-2009 13:38:13	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	38698	No
140	GOM_NL__2PRFIN20090725_134549_000000492081_00067_38698_3122.N1	25-JUL-2009 13:45:49	Bright	48.500	160	23Gam Per	2.9300	4700.0	97	38698	No
141	GOM_NL__2PRFIN20090725_134721_000000652081_00067_38698_3123.N1	25-JUL-2009 13:47:21	Bright	65.000	35	33Alp Per	1.7950	6250.0	130	38698	No
142	GOM_NL__2PRFIN20090725_135028_000000542081_00067_38698_3124.N1	25-JUL-2009 13:50:28	Bright	53.500	79	26Bet Per	2.3100	13100.	107	38698	No
143	GOM_NL__2PRFIN20090725_135349_000000502081_00067_38698_3125.N1	25-JUL-2009 13:53:49	Twi_and_stray	49.500	150	44Zet Per	2.8900	28000.	99	38698	No
144	GOM_NL__2PRFIN20090725_135642_000000502081_00067_38698_3126.N1	25-JUL-2009 13:56:42	Dark	50.000	146	25Eta Tau	2.8730	15200.	100	38698	No
145	GOM_NL__2PRFIN20090725_135817_000000502081_00067_38698_3127.N1	25-JUL-2009 13:58:17	Dark	49.500	13	87Alp Tau	0.86700	3800.0	99	38698	No
146	GOM_NL__2PRFIN20090725_140830_000000492081_00067_38698_3128.N1	25-JUL-2009 14:08:30	Dark	49.000	165	34Gam Eri	2.9500	3200.0	98	38698	No
147	GOM_NL__2PRFIN20090725_141749_000000432081_00067_38698_3129.N1	25-JUL-2009 14:17:49	Dark	43.000	157	The1Eri	2.9060	9300.0	86	38698	No
148	GOM_NL__2PRFIN20090725_142748_000000552081_00068_38699_3158.N1	25-JUL-2009 14:27:48	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	38699	No
149	GOM_NL__2PRFIN20090725_143404_000000452081_00068_38699_3159.N1	25-JUL-2009 14:34:04	Straylight	44.500	31	Alp Gru	1.7340	15200.	89	38699	No
150	GOM_NL__2PRFIN20090725_143716_000000502081_00068_38699_3160.N1	25-JUL-2009 14:37:16	Straylight	49.500	172	Gam Gru	3.0030	13100.	99	38699	No
151	GOM_NL__2PRFIN20090725_145406_000000402081_00068_38699_3161.N1	25-JUL-2009 14:54:06	Bright	39.500	11	53Alp Aql	0.76500	8000.0	79	38699	No
152	GOM_NL__2PRFIN20090725_150333_000000482081_00068_38699_3162.N1	25-JUL-2009 15:03:33	Bright	48.000	92	53Eps Cyg	2.5000	4500.0	96	38699	No
153	GOM_NL__2PRFIN20090725_150633_000000442081_00068_38699_3163.N1	25-JUL-2009 15:06:33	Bright	43.500	19	50Alp Cyg	1.2460	10500.	87	38699	No
154	GOM_NL__2PRFIN20090725_151150_000000422081_00068_38699_3164.N1	25-JUL-2009 15:11:50	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	38699	No
155	GOM_NL__2PRFIN20090725_151849_000000682081_00068_38699_3165.N1	25-JUL-2009 15:18:49	Bright	67.500	74	11Bet Cas	2.2680	6600.0	135	38699	No
156	GOM_NL__2PRFIN20090725_152034_000000482081_00068_38699_3166.N1	25-JUL-2009 15:20:34	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	38699	No
157	GOM_NL__2PRFIN20090725_152625_000000452081_00068_38699_3167.N1	25-JUL-2009 15:26:25	Bright	44.500	160	23Gam Per	2.9300	4700.0	89	38699	No
158	GOM_NL__2PRFIN20090725_152756_000000652081_00068_38699_3168.N1	25-JUL-2009 15:27:56	Bright	65.000	35	33Alp Per	1.7950	6250.0	130	38699	No
159	GOM_NL__2PRFIN20090725_153104_000000532081_00068_38699_3169.N1	25-JUL-2009 15:31:04	Bright	52.500	79	26Bet Per	2.3100	13100.	105	38699	No
160	GOM_NL__2PRFIN20090725_153425_000000472081_00068_38699_3170.N1	25-JUL-2009 15:34:25	Twi_and_stray	46.500	150	44Zet Per	2.8900	28000.	93	38699	No



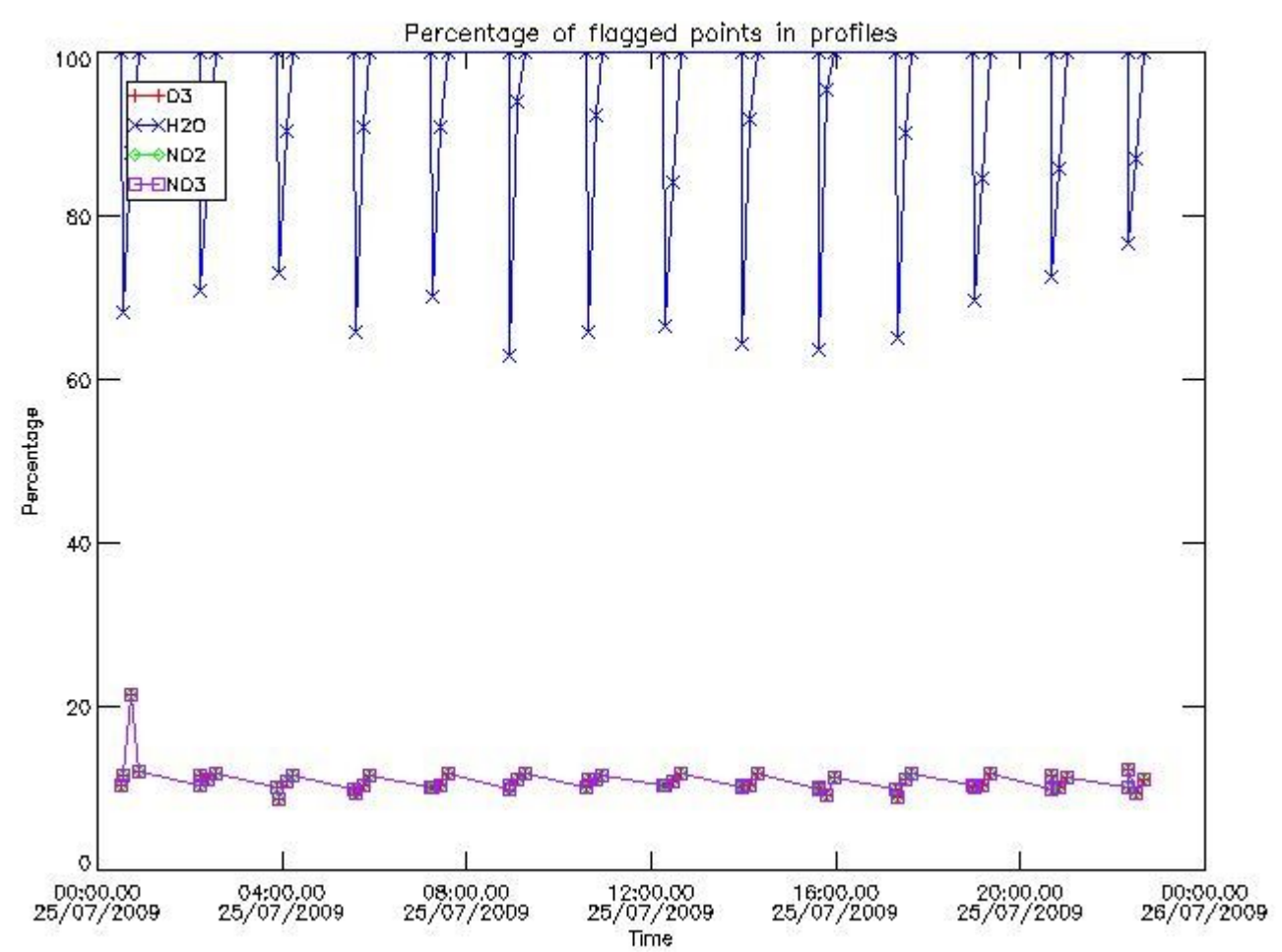
161	GOM_NL__2PRFIN20090725_153718_00000522081_00068_38699_3171.N1	25-JUL-2009 15:37:18	Dark	51.500	146	25Eta Tau	2.8730	15200.	103	38699	No
162	GOM_NL__2PRFIN20090725_153854_00000502081_00068_38699_3172.N1	25-JUL-2009 15:38:54	Dark	50.000	13	87Alp Tau	0.86700	3800.0	100	38699	No
163	GOM_NL__2PRFIN20090725_154907_00000552081_00068_38699_3173.N1	25-JUL-2009 15:49:07	Dark	55.000	165	34Gam Eri	2.9500	3200.0	110	38699	No
164	GOM_NL__2PRFIN20090725_155826_00000452081_00068_38699_3174.N1	25-JUL-2009 15:58:26	Dark	45.000	157	The1Eri	2.9060	9300.0	90	38699	No
165	GOM_NL__2PRFIN20090725_160825_00000542081_00069_38700_3185.N1	25-JUL-2009 16:08:25	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	38700	No
166	GOM_NL__2PRFIN20090725_161441_00000472081_00069_38700_3186.N1	25-JUL-2009 16:14:41	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	38700	No
167	GOM_NL__2PRFIN20090725_161753_00000482081_00069_38700_3187.N1	25-JUL-2009 16:17:53	Straylight	48.000	172	Gam Gru	3.0030	13100.	96	38700	No
168	GOM_NL__2PRFIN20090725_163442_00000402081_00069_38700_3188.N1	25-JUL-2009 16:34:42	Bright	39.500	11	53Alp Aql	0.76500	8000.0	79	38700	No
169	GOM_NL__2PRFIN20090725_164409_00000482081_00069_38700_3189.N1	25-JUL-2009 16:44:09	Bright	48.000	92	53Eps Cyg	2.5000	4500.0	96	38700	No
170	GOM_NL__2PRFIN20090725_164708_00000652081_00069_38700_3190.N1	25-JUL-2009 16:47:08	Bright	65.000	19	50Alp Cyg	1.2460	10500.	130	38700	No
171	GOM_NL__2PRFIN20090725_165225_00000422081_00069_38700_3191.N1	25-JUL-2009 16:52:25	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	38700	No
172	GOM_NL__2PRFIN20090725_165924_00000532081_00069_38700_3192.N1	25-JUL-2009 16:59:24	Bright	53.000	74	11Bet Cas	2.2680	6600.0	106	38700	No
173	GOM_NL__2PRFIN20090725_170109_00000712081_00069_38700_3193.N1	25-JUL-2009 17:01:09	Bright	71.000	76	27Gam Cas	2.3000	30000.	142	38700	No
174	GOM_NL__2PRFIN20090725_170701_00000452081_00069_38700_3194.N1	25-JUL-2009 17:07:01	Bright	45.000	160	23Gam Per	2.9300	4700.0	90	38700	No
175	GOM_NL__2PRFIN20090725_170832_00000442081_00069_38700_3195.N1	25-JUL-2009 17:08:32	Bright	44.000	35	33Alp Per	1.7950	6250.0	88	38700	No
176	GOM_NL__2PRFIN20090725_171140_00000542081_00069_38700_3196.N1	25-JUL-2009 17:11:40	Bright	53.500	79	26Bet Per	2.3100	13100.	107	38700	No
177	GOM_NL__2PRFIN20090725_171501_00000502081_00069_38700_3197.N1	25-JUL-2009 17:15:01	Tw_i_and_stray	50.000	150	44Zet Per	2.8900	28000.	100	38700	No
178	GOM_NL__2PRFIN20090725_171755_00000522081_00069_38700_3198.N1	25-JUL-2009 17:17:55	Dark	52.000	146	25Eta Tau	2.8730	15200.	104	38700	No
179	GOM_NL__2PRFIN20090725_171930_00000582081_00069_38700_3199.N1	25-JUL-2009 17:19:30	Dark	57.500	13	87Alp Tau	0.86700	3800.0	115	38700	No
180	GOM_NL__2PRFIN20090725_172944_00000512081_00069_38700_3200.N1	25-JUL-2009 17:29:44	Dark	50.500	165	34Gam Eri	2.9500	3200.0	101	38700	No
181	GOM_NL__2PRFIN20090725_173903_00000432081_00069_38700_3201.N1	25-JUL-2009 17:39:03	Dark	43.000	157	The1Eri	2.9060	9300.0	86	38700	No
182	GOM_NL__2PRFIN20090725_174902_00000562081_00070_38701_3197.N1	25-JUL-2009 17:49:02	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	38701	No
183	GOM_NL__2PRFIN20090725_175518_00000522081_00070_38701_3198.N1	25-JUL-2009 17:55:18	Straylight	52.000	31	Alp Gru	1.7340	15200.	104	38701	No
184	GOM_NL__2PRFIN20090725_175830_00000482081_00070_38701_3199.N1	25-JUL-2009 17:58:30	Straylight	47.500	172	Gam Gru	3.0030	13100.	95	38701	No
185	GOM_NL__2PRFIN20090725_181518_00000392081_00070_38701_3200.N1	25-JUL-2009 18:15:18	Bright	39.000	11	53Alp Aql	0.76500	8000.0	78	38701	No
186	GOM_NL__2PRFIN20090725_182444_00000482081_00070_38701_3201.N1	25-JUL-2009 18:24:44	Bright	48.000	92	53Eps Cyg	2.5000	4500.0	96	38701	No
187	GOM_NL__2PRFIN20090725_182743_00000462081_00070_38701_3202.N1	25-JUL-2009 18:27:43	Bright	45.500	19	50Alp Cyg	1.2460	10500.	91	38701	No
188	GOM_NL__2PRFIN20090725_183301_00000432081_00070_38701_3203.N1	25-JUL-2009 18:33:01	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	38701	No
189	GOM_NL__2PRFIN20090725_183959_00000522081_00070_38701_3204.N1	25-JUL-2009 18:39:59	Bright	52.000	74	11Bet Cas	2.2680	6600.0	104	38701	No
190	GOM_NL__2PRFIN20090725_184144_00000472081_00070_38701_3205.N1	25-JUL-2009 18:41:44	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	38701	No
191	GOM_NL__2PRFIN20090725_184736_00000442081_00070_38701_3206.N1	25-JUL-2009 18:47:36	Bright	43.500	160	23Gam Per	2.9300	4700.0	87	38701	No
192	GOM_NL__2PRFIN20090725_184908_00000452081_00070_38701_3207.N1	25-JUL-2009 18:49:08	Bright	45.000	35	33Alp Per	1.7950	6250.0	90	38701	No
193	GOM_NL__2PRFIN20090725_185216_00000542081_00070_38701_3208.N1	25-JUL-2009 18:52:16	Bright	53.500	79	26Bet Per	2.3100	13100.	107	38701	No
194	GOM_NL__2PRFIN20090725_185537_00000482081_00070_38701_3209.N1	25-JUL-2009 18:55:37	Tw_i_and_stray	48.000	150	44Zet Per	2.8900	28000.	96	38701	No
195	GOM_NL__2PRFIN20090725_185831_00000492081_00070_38701_3210.N1	25-JUL-2009 18:58:31	Dark	49.000	146	25Eta Tau	2.8730	15200.	98	38701	No
196	GOM_NL__2PRFIN20090725_190006_00000502081_00070_38701_3211.N1	25-JUL-2009 19:00:06	Dark	50.000	13	87Alp Tau	0.86700	3800.0	100	38701	No
197	GOM_NL__2PRFIN20090725_191020_00000492081_00070_38701_3212.N1	25-JUL-2009 19:10:20	Dark	49.000	165	34Gam Eri	2.9500	3200.0	98	38701	No
198	GOM_NL__2PRFIN20090725_191940_00000442081_00070_38701_3213.N1	25-JUL-2009 19:19:40	Dark	43.500	157	The1Eri	2.9060	9300.0	87	38701	No
199	GOM_NL__2PRFIN20090725_192939_00000532081_00071_38702_3214.N1	25-JUL-2009 19:29:39	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	38702	No
200	GOM_NL__2PRFIN20090725_193554_00000522081_00071_38702_3215.N1	25-JUL-2009 19:35:54	Straylight	51.500	31	Alp Gru	1.7340	15200.	103	38702	No
201	GOM_NL__2PRFIN20090725_193906_00000472081_00071_38702_3216.N1	25-JUL-2009 19:39:06	Straylight	46.500	172	Gam Gru	3.0030	13100.	93	38702	No
202	GOM_NL__2PRFIN20090725_195554_00000582081_00071_38702_3217.N1	25-JUL-2009 19:55:54	Bright	58.000	11	53Alp Aql	0.76500	8000.0	116	38702	No
203	GOM_NL__2PRFIN20090725_200519_00000462081_00071_38702_3218.N1	25-JUL-2009 20:05:19	Bright	46.000	92	53Eps Cyg	2.5000	4500.0	92	38702	No
204	GOM_NL__2PRFIN20090725_200819_00000652081_00071_38702_3219.N1	25-JUL-2009 20:08:19	Bright	65.000	19	50Alp Cyg	1.2460	10500.	130	38702	No
205	GOM_NL__2PRFIN20090725_201336_00000422081_00071_38702_3220.N1	25-JUL-2009 20:13:36	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	38702	No
206	GOM_NL__2PRFIN20090725_202034_00000522081_00071_38702_3221.N1	25-JUL-2009 20:20:34	Bright	52.000	74	11Bet Cas	2.2680	6600.0	104	38702	No
207	GOM_NL__2PRFIN20090725_202220_00000512081_00071_38702_3222.N1	25-JUL-2009 20:22:20	Bright	50.500	76	27Gam Cas	2.3000	30000.	101	38702	No
208	GOM_NL__2PRFIN20090725_202812_00000452081_00071_38702_3223.N1	25-JUL-2009 20:28:12	Bright	44.500	160	23Gam Per	2.9300	4700.0	89	38702	No
209	GOM_NL__2PRFIN20090725_202944_00000462081_00071_38702_3224.N1	25-JUL-2009 20:29:44	Bright	46.000	35	33Alp Per	1.7950	6250.0	92	38702	No
210	GOM_NL__2PRFIN20090725_203252_00000542081_00071_38702_3225.N1	25-JUL-2009 20:32:52	Bright	53.500	79	26Bet Per	2.3100	13100.	107	38702	No
211	GOM_NL__2PRFIN20090725_203613_00000502081_00071_38702_3226.N1	25-JUL-2009 20:36:13	Tw_i_and_stray	49.500	150	44Zet Per	2.8900	28000.	99	38702	No
212	GOM_NL__2PRFIN20090725_203907_00000512081_00071_38702_3227.N1	25-JUL-2009 20:39:07	Dark	51.000	146	25Eta Tau	2.8730	15200.	102	38702	No
213	GOM_NL__2PRFIN20090725_204042_00000442081_00071_38702_3228.N1	25-JUL-2009 20:40:42	Dark	43.500	13	87Alp Tau	0.86700	3800.0	87	38702	No
214	GOM_NL__2PRFIN20090725_205057_00000502081_00071_38702_3229.N1	25-JUL-2009 20:50:57	Dark	50.000	165	34Gam Eri	2.9500	3200.0	100	38702	No
215	GOM_NL__2PRFIN20090725_210016_00000452081_00071_38702_3230.N1	25-JUL-2009 21:00:16	Dark	45.000	157	The1Eri	2.9060	9300.0	90	38702	No
216	GOM_NL__2PRFIN20090725_211016_00000552081_00072_38703_3229.N1	25-JUL-2009 21:10:16	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	38703	No
217	GOM_NL__2PRFIN20090725_211631_00000452081_00072_38703_3230.N1	25-JUL-2009 21:16:31	Straylight	44.500	31	Alp Gru	1.7340	15200.	89	38703	No
218	GOM_NL__2PRFIN20090725_211943_00000472081_00072_38703_3231.N1	25-JUL-2009 21:19:43	Straylight	46.500	172	Gam Gru	3.0030	13100.	93	38703	No
219	GOM_NL__2PRFIN20090725_213629_00000412081_00072_38703_3232.N1	25-JUL-2009 21:36:29	Bright	41.000	11	53Alp Aql	0.76500	8000.0	82	38703	No

220	GOM_NL__2PRFIN20090725_214554_000000472081_00072_38703_3233.N1	25-JUL-2009 21:45:54	Bright	46.500	92	53Eps Cyg	2.5000	4500.0	93	38703	No
221	GOM_NL__2PRFIN20090725_214854_000000452081_00072_38703_3234.N1	25-JUL-2009 21:48:54	Bright	45.000	19	50Alp Cyg	1.2460	10500.	90	38703	No
222	GOM_NL__2PRFIN20090725_215412_000000422081_00072_38703_3235.N1	25-JUL-2009 21:54:12	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	38703	No
223	GOM_NL__2PRFIN20090725_220109_000000502081_00072_38703_3236.N1	25-JUL-2009 22:01:09	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	38703	No
224	GOM_NL__2PRFIN20090725_220255_000000472081_00072_38703_3237.N1	25-JUL-2009 22:02:55	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	38703	No
225	GOM_NL__2PRFIN20090725_220847_000000452081_00072_38703_3238.N1	25-JUL-2009 22:08:47	Bright	44.500	160	23Gam Per	2.9300	4700.0	89	38703	No
226	GOM_NL__2PRFIN20090725_221019_000000482081_00072_38703_3239.N1	25-JUL-2009 22:10:19	Bright	47.500	35	33Alp Per	1.7950	6250.0	95	38703	No
227	GOM_NL__2PRFIN20090725_221327_000000532081_00072_38703_3240.N1	25-JUL-2009 22:13:27	Bright	52.500	79	26Bet Per	2.3100	13100.	105	38703	No
228	GOM_NL__2PRFIN20090725_221649_000000502081_00072_38703_3241.N1	25-JUL-2009 22:16:49	Tw_i_and_stray	49.500	150	44Zet Per	2.8900	28000.	99	38703	No
229	GOM_NL__2PRFIN20090725_221943_000000502081_00072_38703_3242.N1	25-JUL-2009 22:19:43	Dark	50.000	146	25Eta Tau	2.8730	15200.	100	38703	No
230	GOM_NL__2PRFIN20090725_222119_000000462081_00072_38703_3243.N1	25-JUL-2009 22:21:19	Dark	45.500	13	87Alp Tau	0.86700	3800.0	91	38703	No
231	GOM_NL__2PRFIN20090725_223134_000000542081_00072_38703_3244.N1	25-JUL-2009 22:31:34	Dark	54.000	165	34Gam Eri	2.9500	3200.0	108	38703	No
232	GOM_NL__2PRFIN20090725_224053_000000462081_00072_38703_3245.N1	25-JUL-2009 22:40:53	Dark	45.500	157	The1Eri	2.9060	9300.0	91	38703	No
233	GOM_NL__2PRFIN20090725_225053_000000552081_00073_38704_3247.N1	25-JUL-2009 22:50:53	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	38704	No
234	GOM_NL__2PRFIN20090725_225707_000000532081_00073_38704_3248.N1	25-JUL-2009 22:57:07	Straylight	53.000	31	Alp Gru	1.7340	15200.	106	38704	No
235	GOM_NL__2PRFIN20090725_230019_000000472081_00073_38704_3249.N1	25-JUL-2009 23:00:19	Straylight	47.000	172	Gam Gru	3.0030	13100.	94	38704	No
236	GOM_NL__2PRFIN20090725_231705_000000422081_00073_38704_3250.N1	25-JUL-2009 23:17:05	Bright	41.500	11	53Alp Aql	0.76500	8000.0	83	38704	No
237	GOM_NL__2PRFIN20090725_232629_000000472081_00073_38704_3251.N1	25-JUL-2009 23:26:29	Bright	46.500	92	53Eps Cyg	2.5000	4500.0	93	38704	No
238	GOM_NL__2PRFIN20090725_232929_000000642081_00073_38704_3252.N1	25-JUL-2009 23:29:29	Bright	64.000	19	50Alp Cyg	1.2460	10500.	128	38704	No
239	GOM_NL__2PRFIN20090725_233447_000000382081_00073_38704_3253.N1	25-JUL-2009 23:34:47	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	38704	No
240	GOM_NL__2PRFIN20090725_234144_000000742081_00073_38704_3254.N1	25-JUL-2009 23:41:44	Bright	73.500	74	11Bet Cas	2.2680	6600.0	147	38704	No
241	GOM_NL__2PRFIN20090725_234330_000000492081_00073_38704_3255.N1	25-JUL-2009 23:43:30	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	38704	No
242	GOM_NL__2PRFIN20090725_234923_000000432081_00073_38704_3256.N1	25-JUL-2009 23:49:23	Bright	43.000	160	23Gam Per	2.9300	4700.0	86	38704	No
243	GOM_NL__2PRFIN20090725_235055_000000472081_00073_38704_3257.N1	25-JUL-2009 23:50:55	Bright	47.000	35	33Alp Per	1.7950	6250.0	94	38704	No
244	GOM_NL__2PRFIN20090725_235403_000000532081_00073_38704_3258.N1	25-JUL-2009 23:54:03	Bright	53.000	79	26Bet Per	2.3100	13100.	106	38704	No
245	GOM_NL__2PRFIN20090725_235725_000000472081_00073_38704_3259.N1	25-JUL-2009 23:57:25	Tw_i_and_stray	46.500	150	44Zet Per	2.8900	28000.	93	38704	No

### 3. Quality information per product

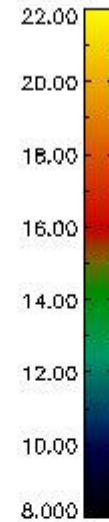
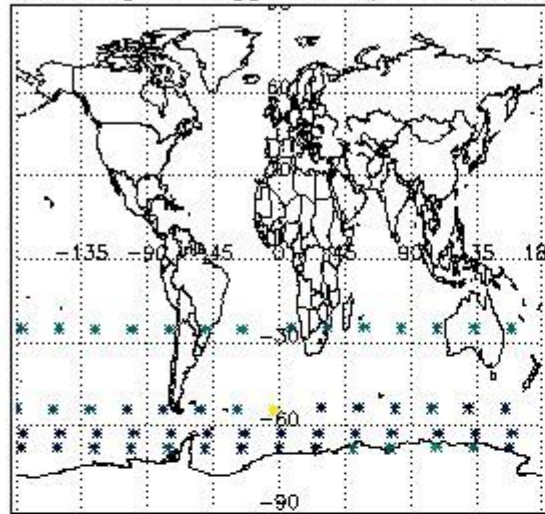
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

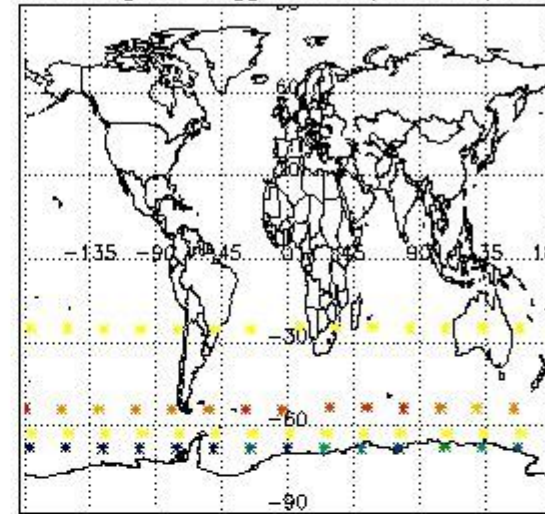


3.2 Plot quality information per product (world map)

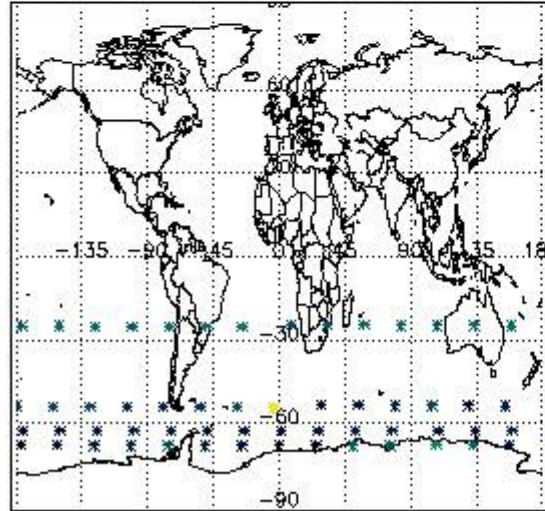
Percentage of flagged data per O3 profile



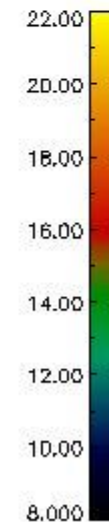
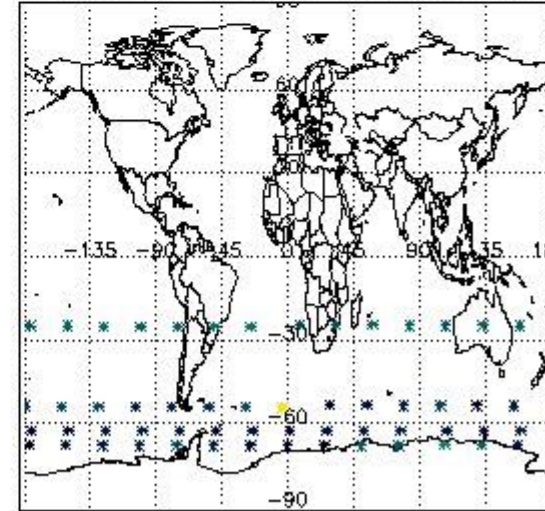
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



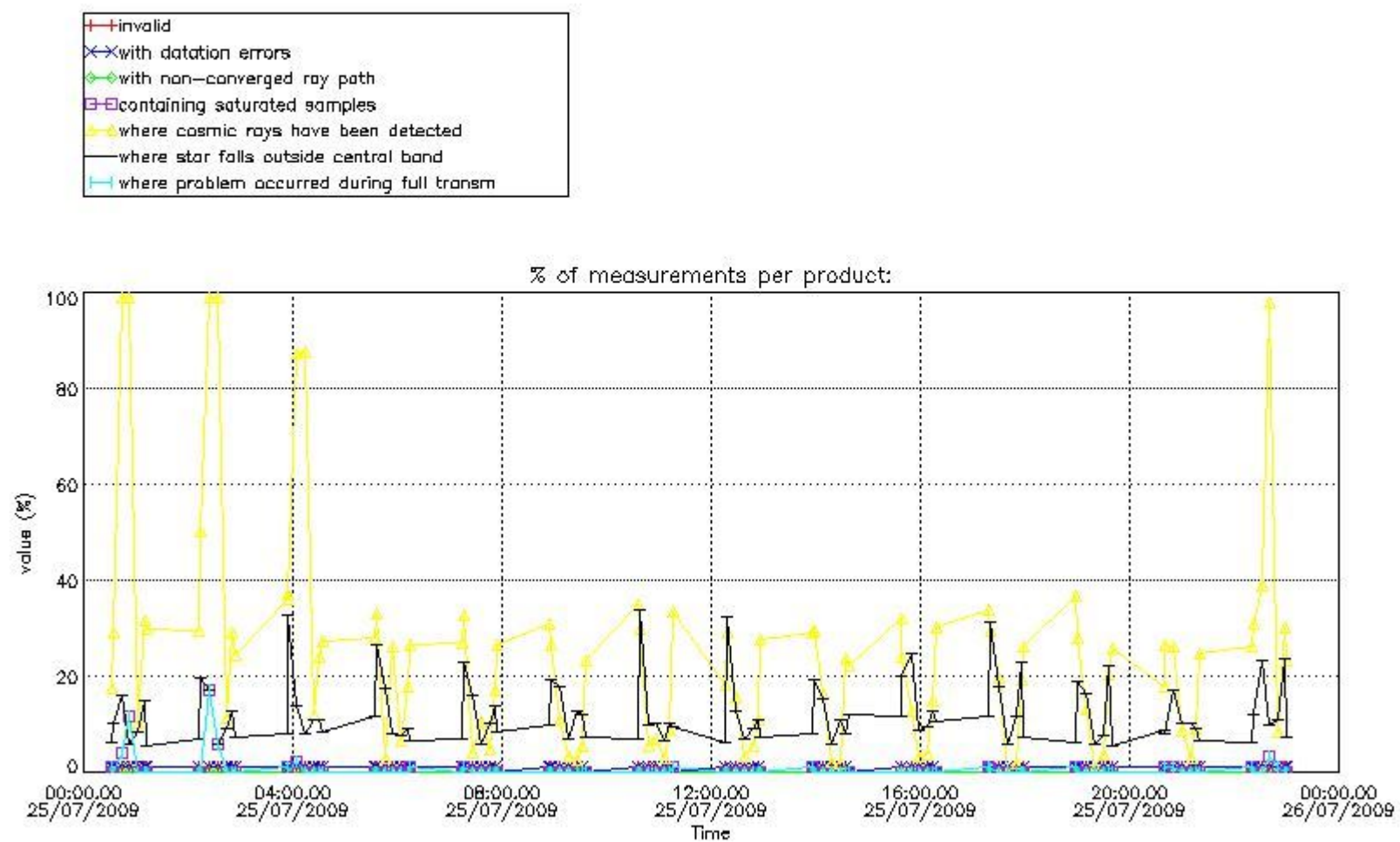
#### 4. Level 1 quality information per product

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.

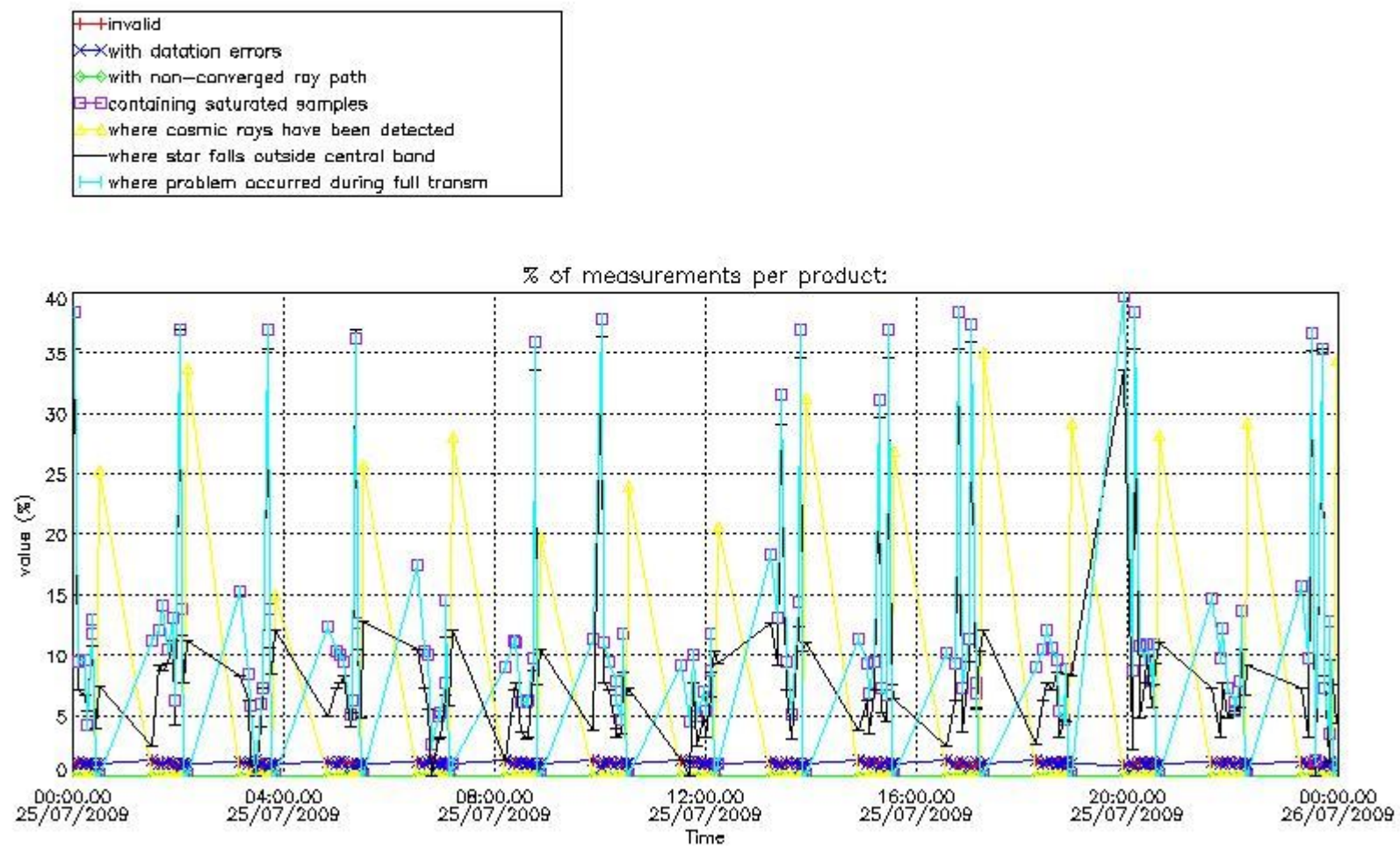
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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





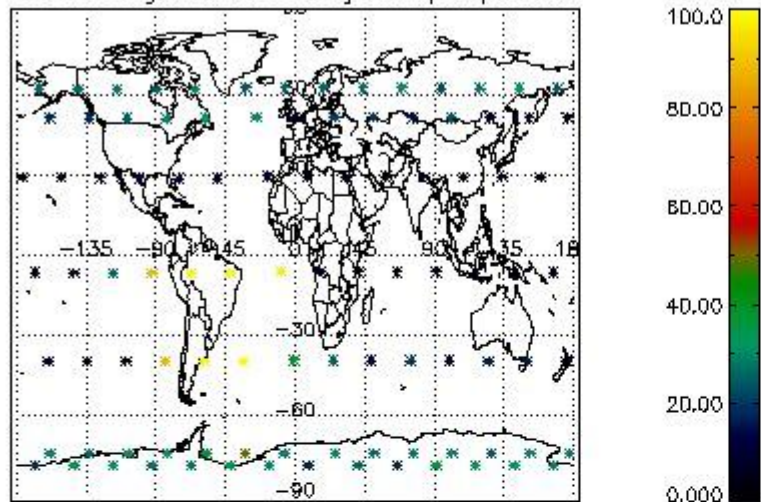
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



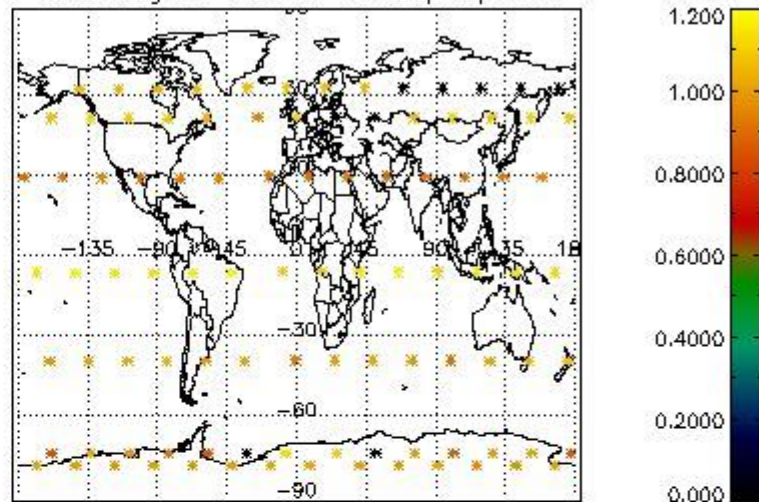
4.2 Plot quality information per product coming from level 1b processing (world map)

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

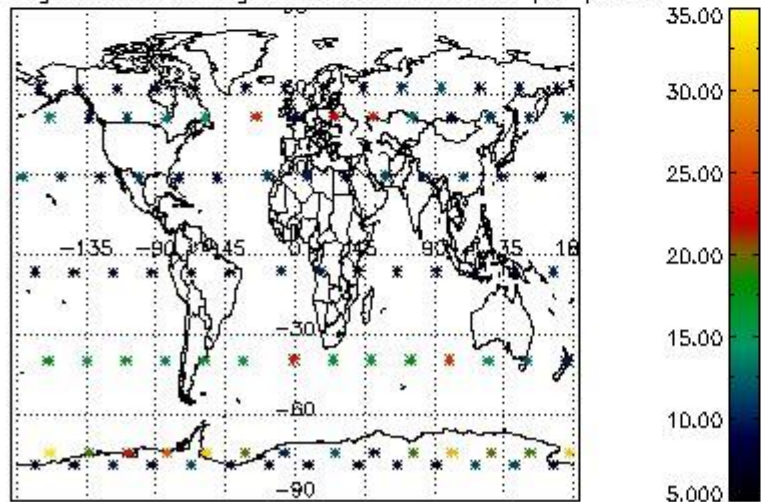
Percentage of cosmic ray hits per profile



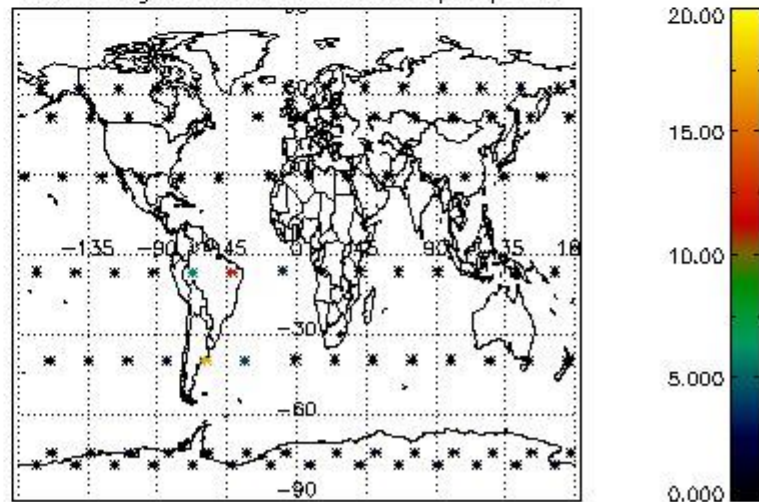
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

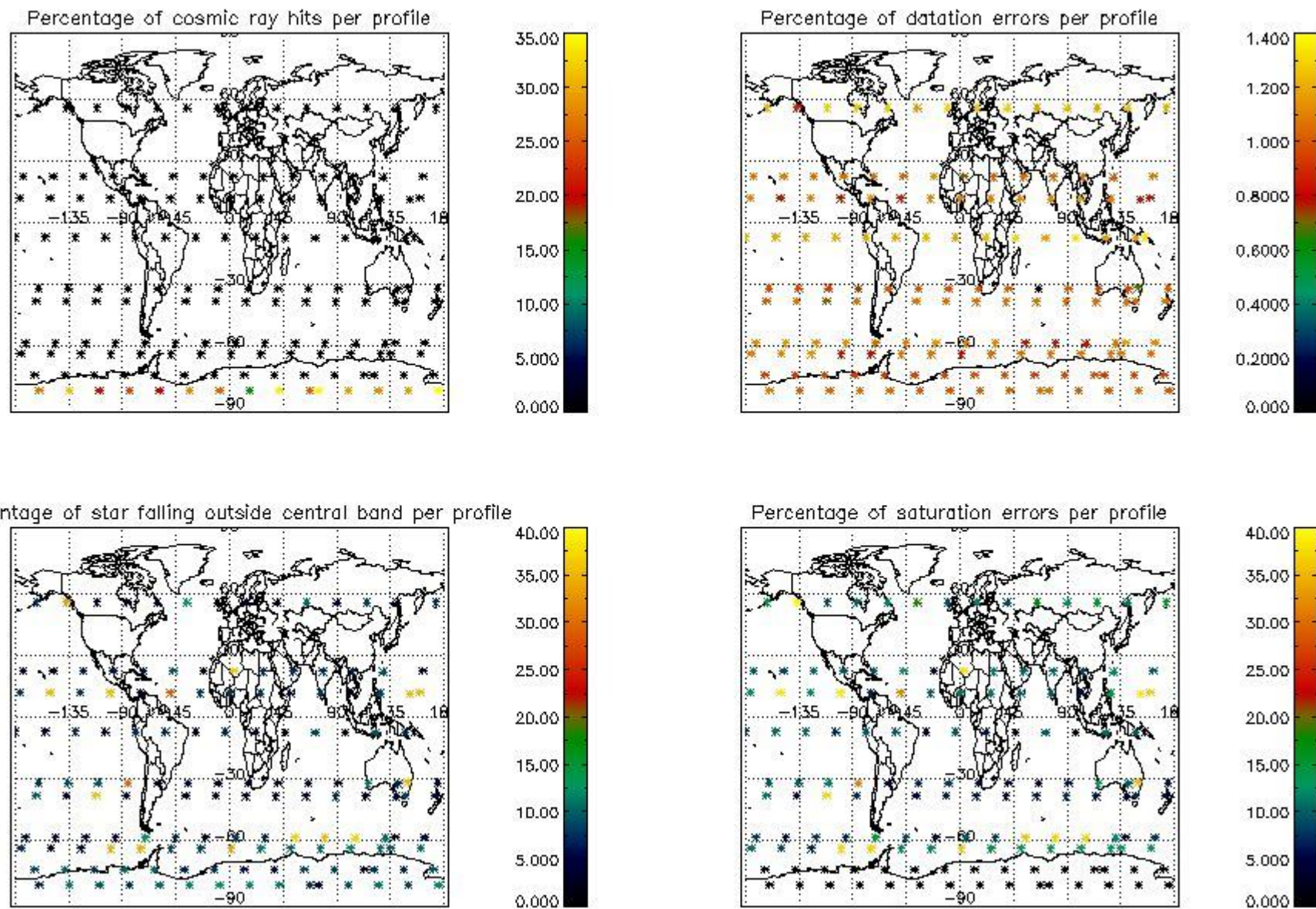


Percentage of saturation errors per profile



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.

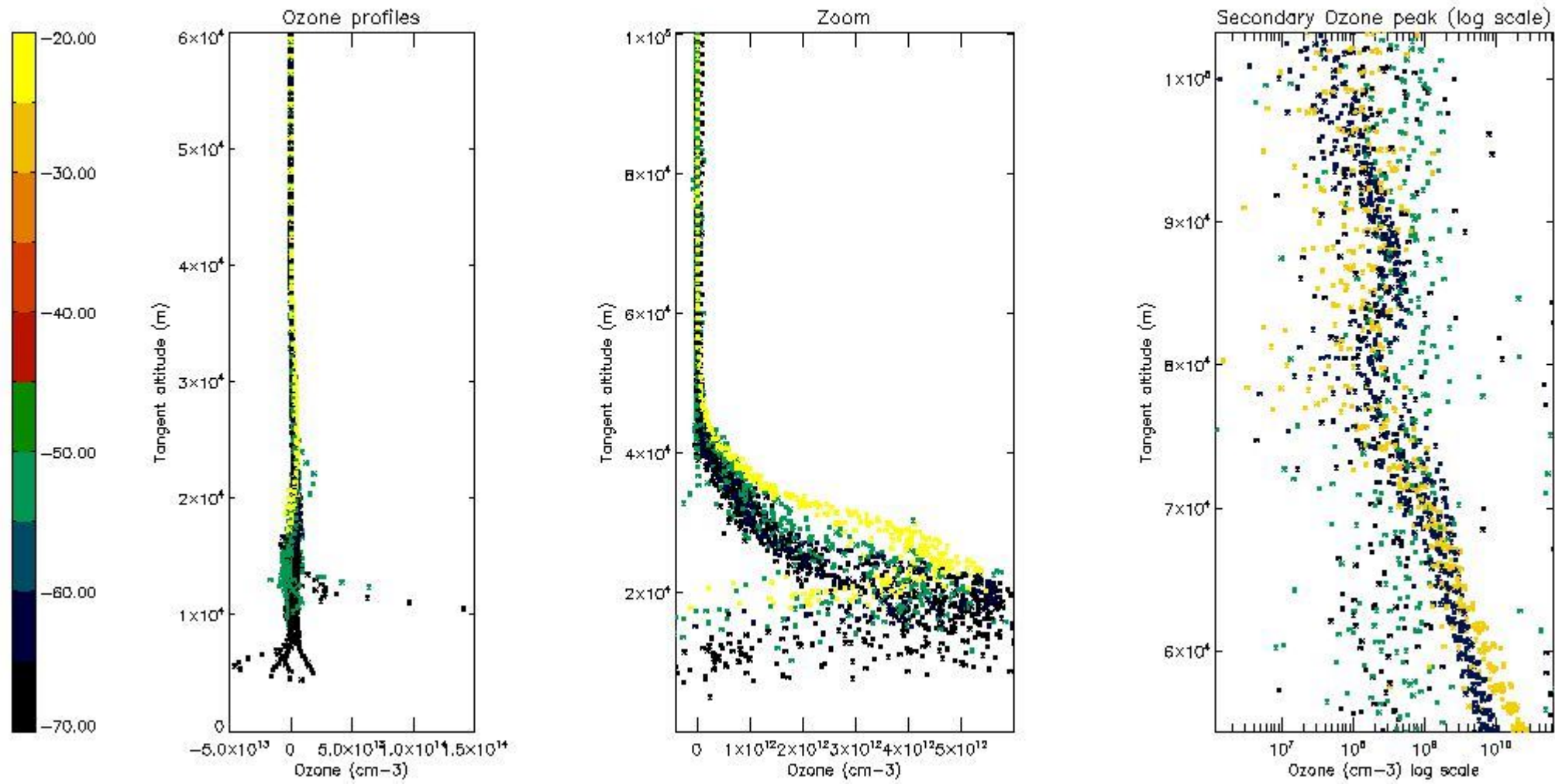
Criteria	% of total production
All STD	23
STD < 20	8



STD < 10	5
STD < 5	1

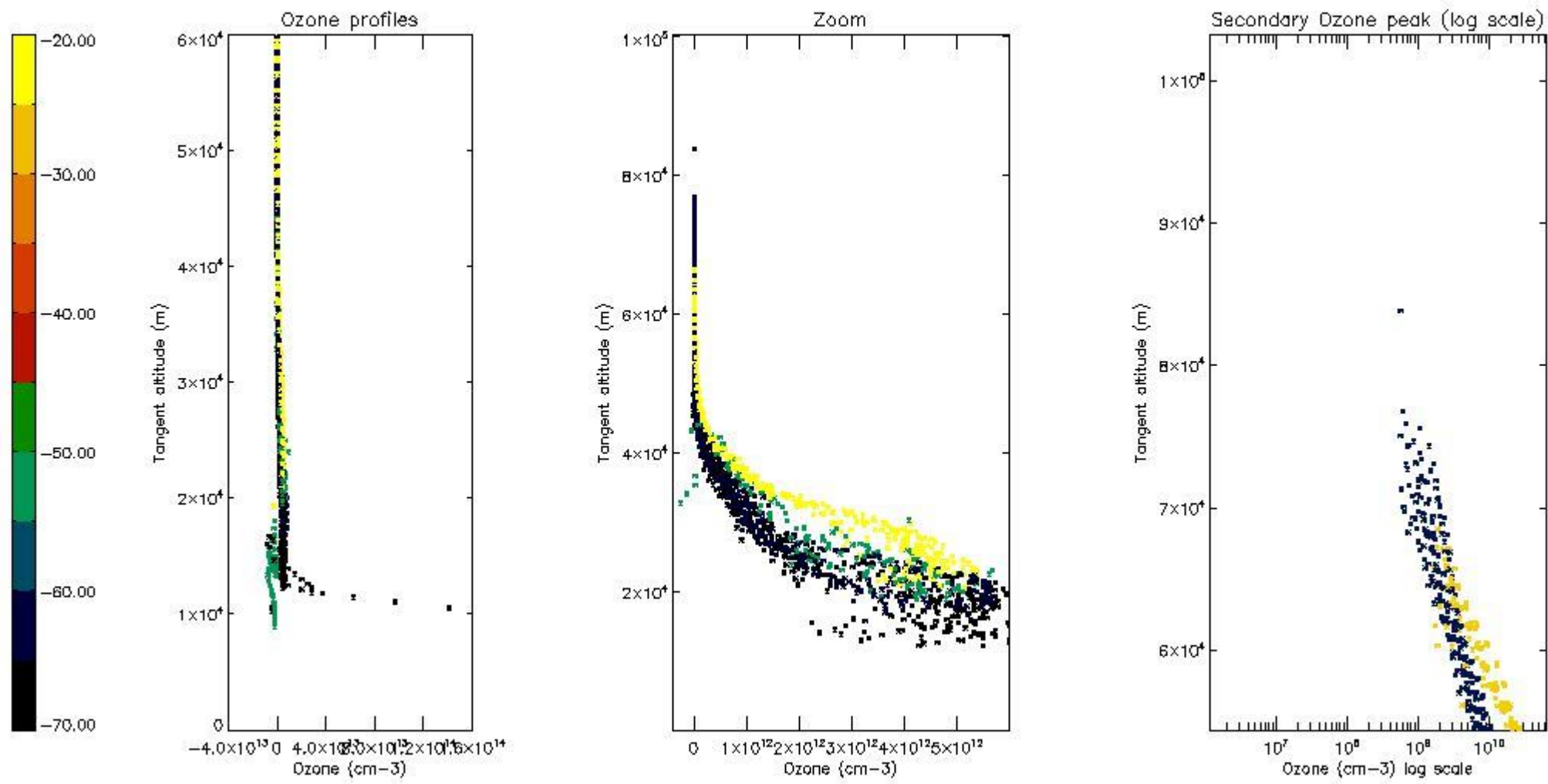
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



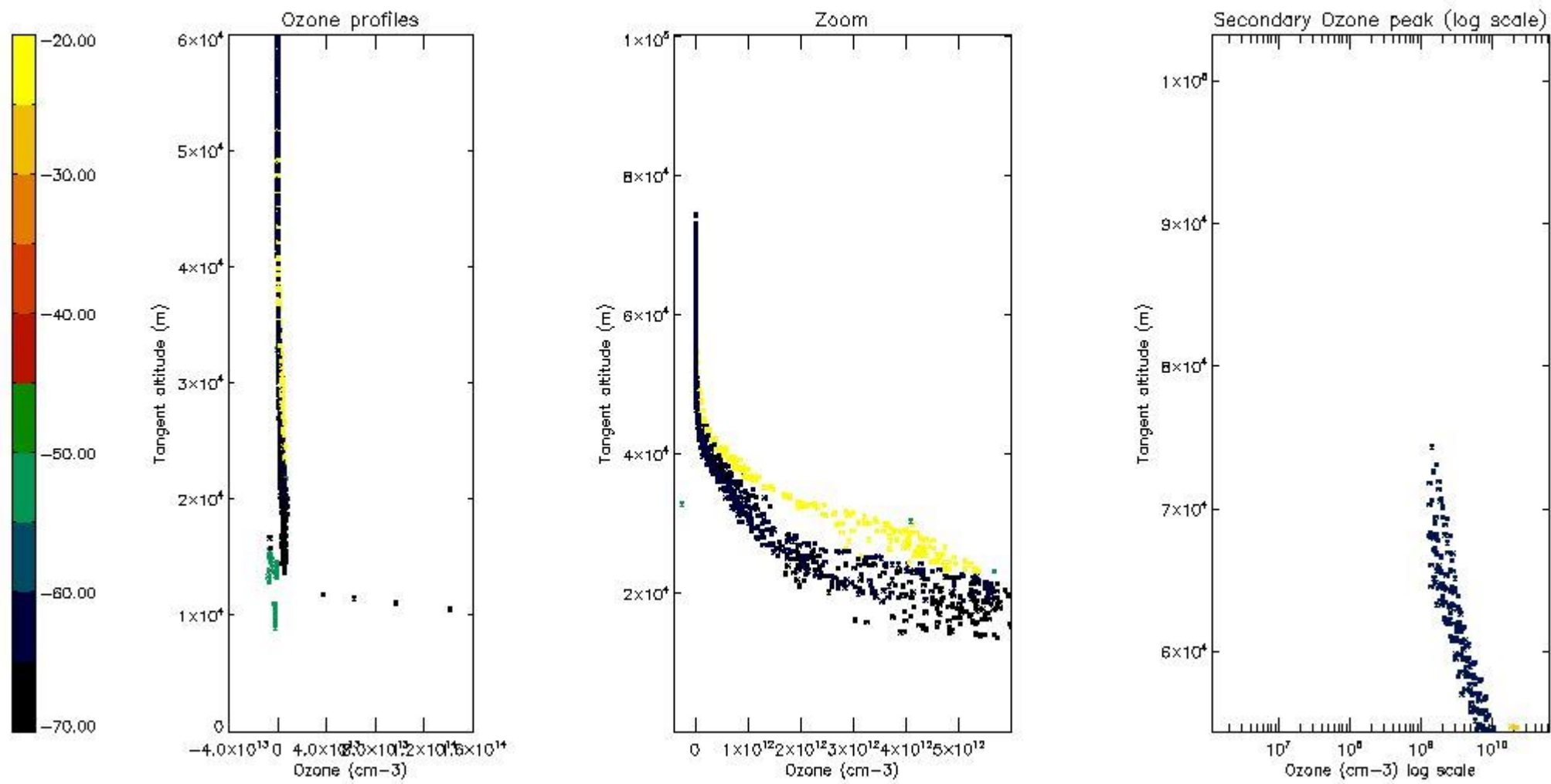
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



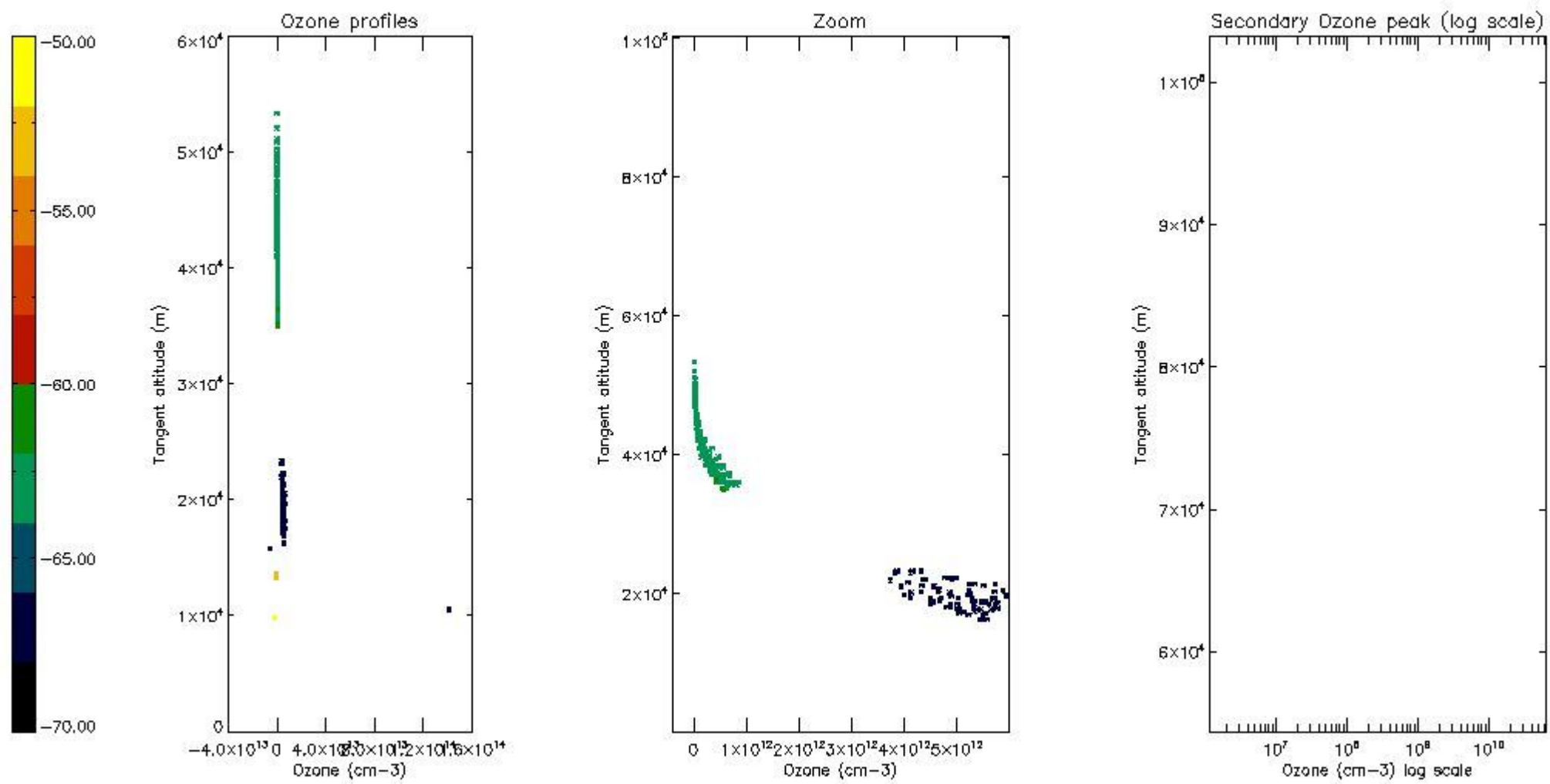
*5.4 Plot ozone profiles where  $STD < 10\%$  (dark without errors)*

The colorbar represents the latitude.



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

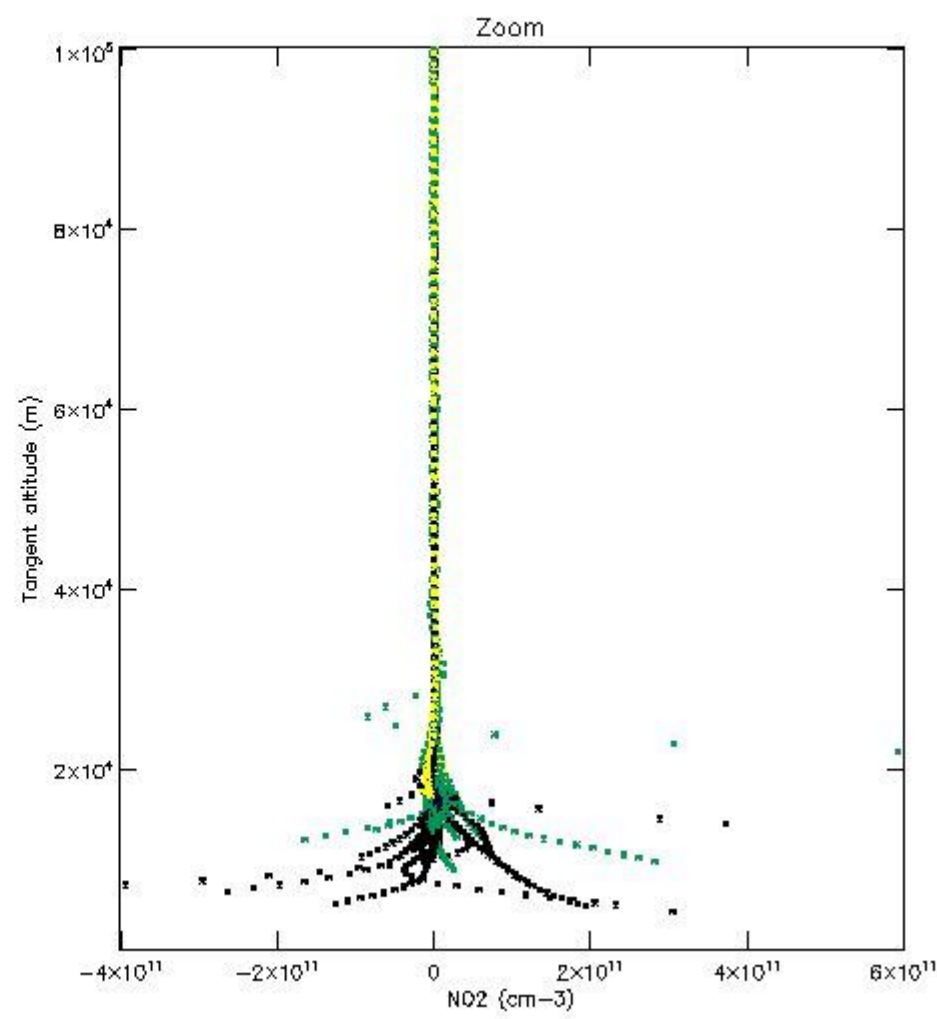
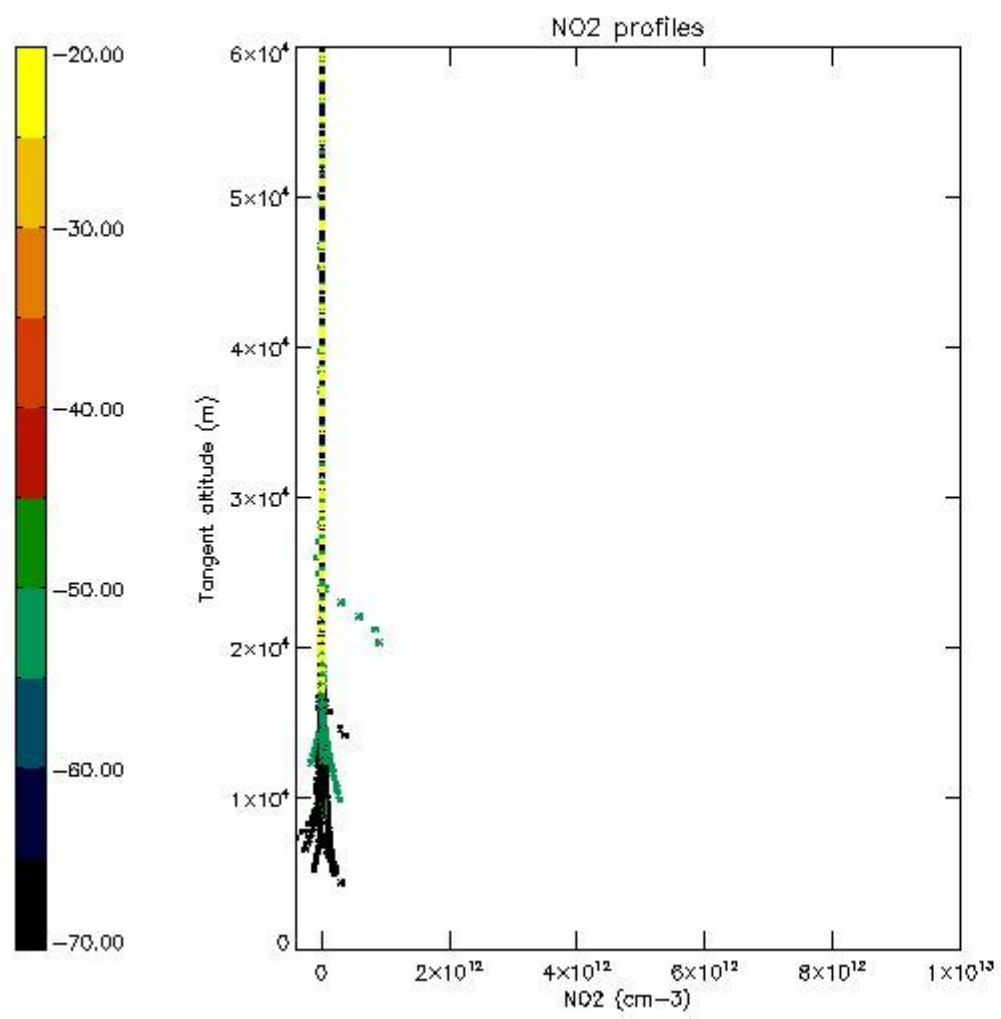
The colorbar represents the latitude.



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

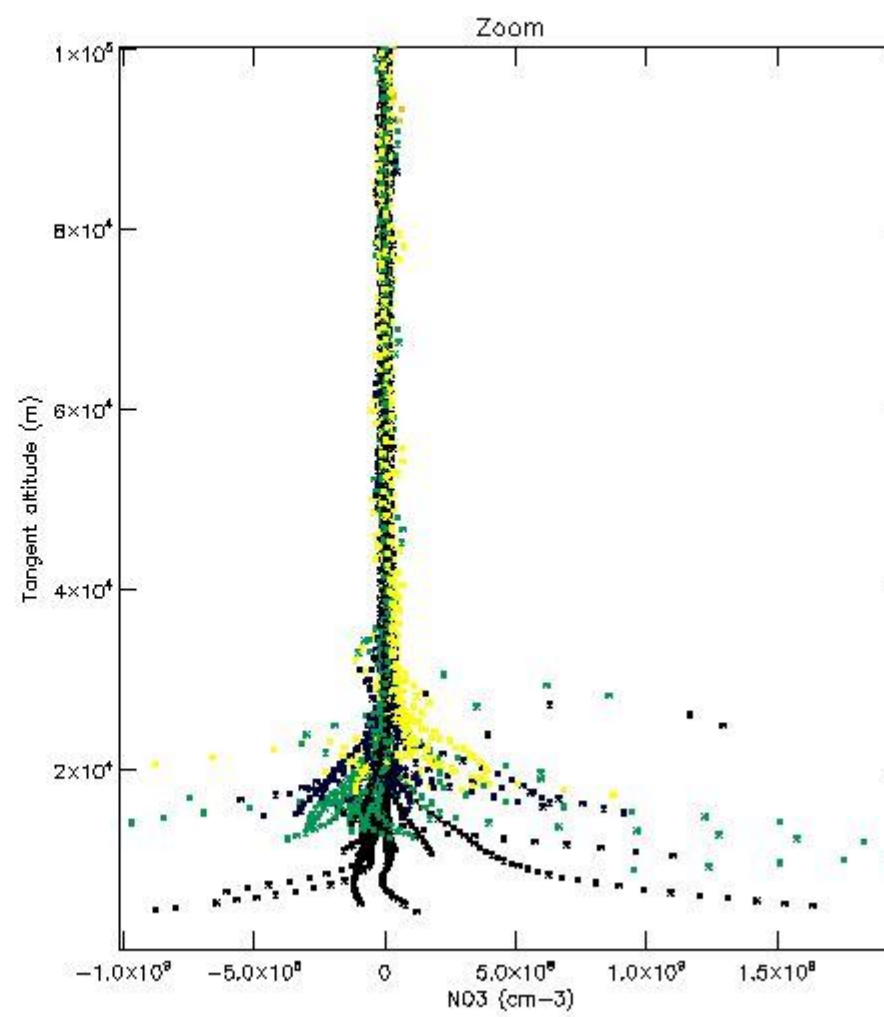
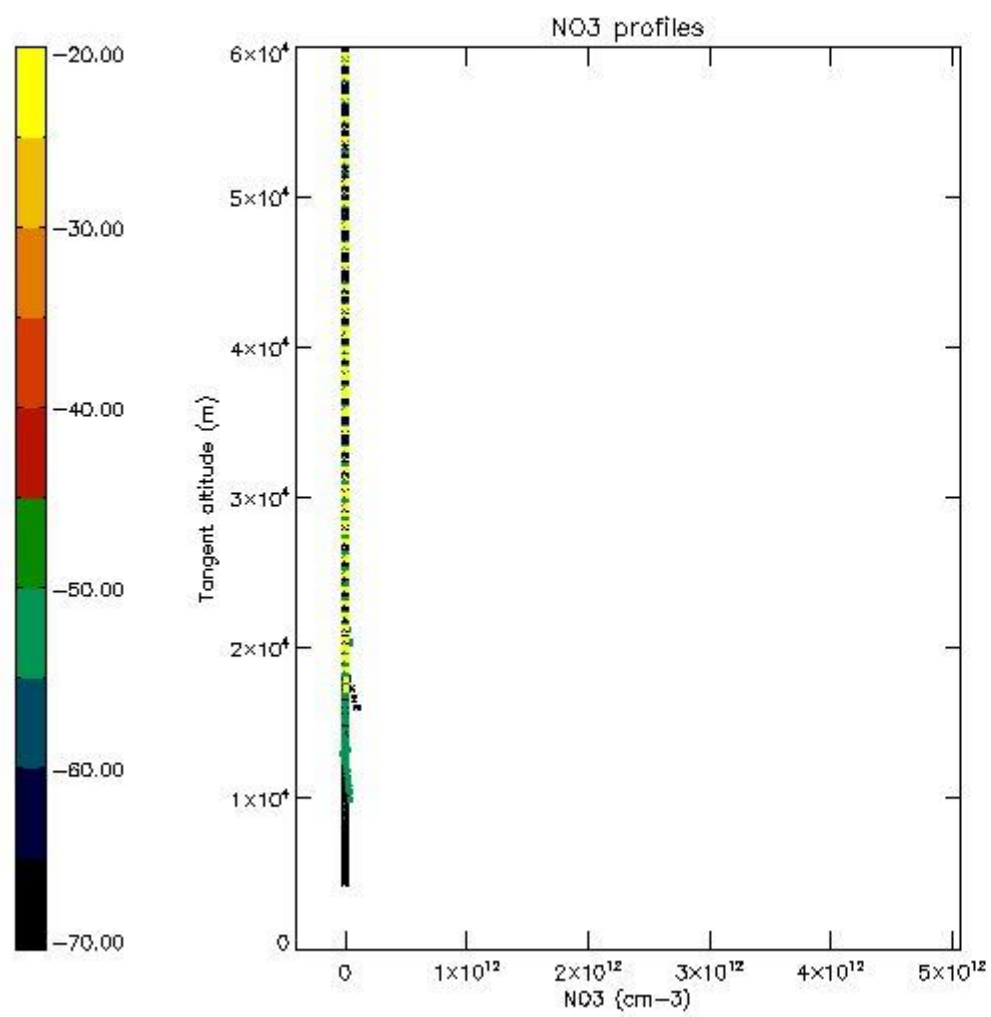
The colorbar represents the latitude.





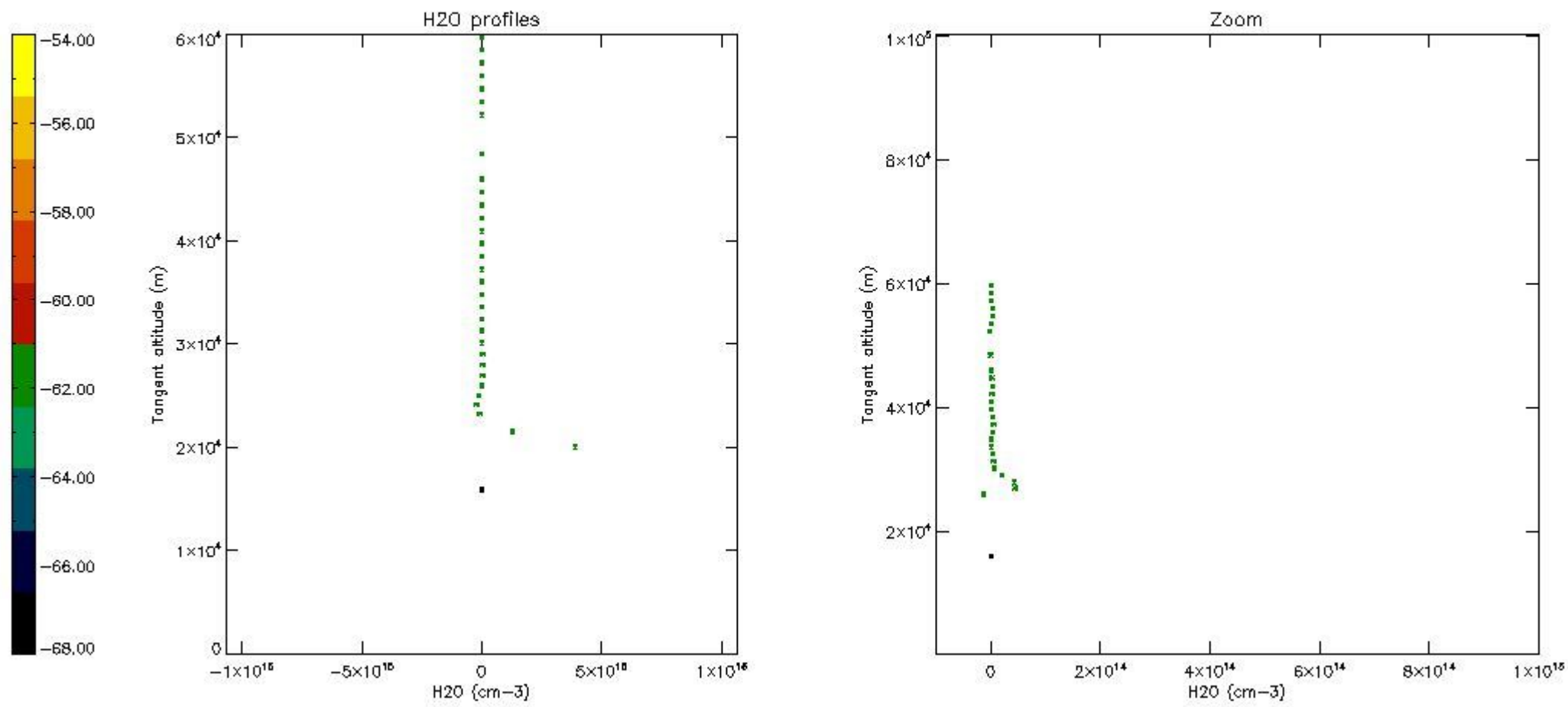
*5.7 Plot NO3 profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	25-JUL-2009 00:01:15
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	25-JUL-2009 00:01:15
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	25-JUL-2009 00:01:15

# GOMOS Level 2 Daily Report

## SUMMARY

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

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

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

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

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

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

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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 \(dark without errors\)](#)

#### [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	26APR2013 11:07:04
Data source version	GOMOS/6.01
Start time of products	25-07-2009 (25JUL2009 00:00:00)
Stop time of products	26-07-2009 (26JUL2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	245
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__2PRFIN20090725_000115_000000652081_00059_38690_2999.N1	25-JUL-2009 00:01:15	Bright	65.000	19	50Alp Cyg	1.2460	10500.	130	38690	No
2	GOM_NL__2PRFIN20090725_000631_000000432081_00059_38690_3000.N1	25-JUL-2009 00:06:31	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	38690	No
3	GOM_NL__2PRFIN20090725_001332_000000522081_00059_38690_3001.N1	25-JUL-2009 00:13:32	Bright	52.000	74	11Bet Cas	2.2680	6600.0	104	38690	No
4	GOM_NL__2PRFIN20090725_001516_000000472081_00059_38690_3002.N1	25-JUL-2009 00:15:16	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	38690	No
5	GOM_NL__2PRFIN20090725_002104_000000472081_00059_38690_3003.N1	25-JUL-2009 00:21:04	Bright	46.500	160	23Gam Per	2.9300	4700.0	93	38690	No
6	GOM_NL__2PRFIN20090725_002235_000000472081_00059_38690_3004.N1	25-JUL-2009 00:22:35	Bright	46.500	35	33Alp Per	1.7950	6250.0	93	38690	No
7	GOM_NL__2PRFIN20090725_002542_000000512081_00059_38690_3005.N1	25-JUL-2009 00:25:42	Bright	51.000	79	26Bet Per	2.3100	13100.	102	38690	No
8	GOM_NL__2PRFIN20090725_002900_000000482081_00059_38690_3006.N1	25-JUL-2009 00:29:00	Twilight	47.500	150	44Zet Per	2.8900	28000.	95	38690	No
9	GOM_NL__2PRFIN20090725_003152_000000492081_00059_38690_3007.N1	25-JUL-2009 00:31:52	Dark	49.000	146	25Eta Tau	2.8730	15200.	98	38690	No
10	GOM_NL__2PRFIN20090725_003327_000000452081_00059_38690_3008.N1	25-JUL-2009 00:33:27	Dark	44.500	13	87Alp Tau	0.86700	3800.0	89	38690	No
11	GOM_NL__2PRFIN20090725_004337_000000502081_00059_38690_3009.N1	25-JUL-2009 00:43:37	Dark	49.500	165	34Gam Eri	2.9500	3200.0	99	38690	No
12	GOM_NL__2PRFIN20090725_005255_000000432081_00059_38690_3010.N1	25-JUL-2009 00:52:55	Dark	42.500	157	The1Eri	2.9060	9300.0	85	38690	No
13	GOM_NL__2PRFIN20090725_010252_000000542081_00060_38691_3022.N1	25-JUL-2009 01:02:52	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	38691	No
14	GOM_NL__2PRFIN20090725_010912_000000482081_00060_38691_3023.N1	25-JUL-2009 01:09:12	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	38691	No
15	GOM_NL__2PRFIN20090725_011224_000000472081_00060_38691_3024.N1	25-JUL-2009 01:12:24	Straylight	47.000	172	Gam Gru	3.0030	13100.	94	38691	No
16	GOM_NL__2PRFIN20090725_012920_000000402081_00060_38691_3025.N1	25-JUL-2009 01:29:20	Bright	40.000	11	53Alp Aql	0.76500	8000.0	80	38691	No
17	GOM_NL__2PRFIN20090725_013852_000000502081_00060_38691_3026.N1	25-JUL-2009 01:38:52	Bright	49.500	92	53Eps Cyg	2.5000	4500.0	99	38691	No
18	GOM_NL__2PRFIN20090725_014150_000000462081_00060_38691_3027.N1	25-JUL-2009 01:41:50	Bright	46.000	19	50Alp Cyg	1.2460	10500.	92	38691	No
19	GOM_NL__2PRFIN20090725_014706_000000432081_00060_38691_3028.N1	25-JUL-2009 01:47:06	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	38691	No
20	GOM_NL__2PRFIN20090725_015407_000000542081_00060_38691_3029.N1	25-JUL-2009 01:54:07	Bright	53.500	74	11Bet Cas	2.2680	6600.0	107	38691	No
21	GOM_NL__2PRFIN20090725_015551_000000482081_00060_38691_3030.N1	25-JUL-2009 01:55:51	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	38691	No
22	GOM_NL__2PRFIN20090725_020140_000000652081_00060_38691_3031.N1	25-JUL-2009 02:01:40	Bright	65.000	160	23Gam Per	2.9300	4700.0	130	38691	No
23	GOM_NL__2PRFIN20090725_020311_000000472081_00060_38691_3032.N1	25-JUL-2009 02:03:11	Bright	47.000	35	33Alp Per	1.7950	6250.0	94	38691	No
24	GOM_NL__2PRFIN20090725_020618_000000522081_00060_38691_3033.N1	25-JUL-2009 02:06:18	Bright	52.000	79	26Bet Per	2.3100	13100.	104	38691	No
25	GOM_NL__2PRFIN20090725_020937_000000492081_00060_38691_3034.N1	25-JUL-2009 02:09:37	Twilight	49.000	150	44Zet Per	2.8900	28000.	98	38691	No
26	GOM_NL__2PRFIN20090725_021228_000000502081_00060_38691_3035.N1	25-JUL-2009 02:12:28	Dark	49.500	146	25Eta Tau	2.8730	15200.	99	38691	No
27	GOM_NL__2PRFIN20090725_021404_000000482081_00060_38691_3036.N1	25-JUL-2009 02:14:04	Dark	48.000	13	87Alp Tau	0.86700	3800.0	96	38691	No
28	GOM_NL__2PRFIN20090725_022414_000000502081_00060_38691_3037.N1	25-JUL-2009 02:24:14	Dark	50.000	165	34Gam Eri	2.9500	3200.0	100	38691	No
29	GOM_NL__2PRFIN20090725_023332_000000432081_00060_38691_3038.N1	25-JUL-2009 02:33:32	Dark	43.000	157	The1Eri	2.9060	9300.0	86	38691	No
30	GOM_NL__2PRFIN20090725_024329_000000542081_00061_38692_3032.N1	25-JUL-2009 02:43:29	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	38692	No
31	GOM_NL__2PRFIN20090725_024949_000000472081_00061_38692_3033.N1	25-JUL-2009 02:49:49	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	38692	No
32	GOM_NL__2PRFIN20090725_025301_000000482081_00061_38692_3034.N1	25-JUL-2009 02:53:01	Straylight	47.500	172	Gam Gru	3.0030	13100.	95	38692	No
33	GOM_NL__2PRFIN20090725_030956_000000432081_00061_38692_3035.N1	25-JUL-2009 03:09:56	Bright	42.500	11	53Alp Aql	0.76500	8000.0	85	38692	No
34	GOM_NL__2PRFIN20090725_031927_000000482081_00061_38692_3036.N1	25-JUL-2009 03:19:27	Bright	47.500	92	53Eps Cyg	2.5000	4500.0	95	38692	No
35	GOM_NL__2PRFIN20090725_032225_000000432081_00061_38692_3037.N1	25-JUL-2009 03:22:25	Bright	42.500	19	50Alp Cyg	1.2460	10500.	85	38692	No
36	GOM_NL__2PRFIN20090725_032742_000000382081_00061_38692_3038.N1	25-JUL-2009 03:27:42	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	38692	No
37	GOM_NL__2PRFIN20090725_033442_000000502081_00061_38692_3039.N1	25-JUL-2009 03:34:42	Bright	50.000	74	11Bet Cas	2.2680	6600.0	100	38692	No
38	GOM_NL__2PRFIN20090725_033627_000000482081_00061_38692_3040.N1	25-JUL-2009 03:36:27	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	38692	No
39	GOM_NL__2PRFIN20090725_034215_000000652081_00061_38692_3041.N1	25-JUL-2009 03:42:15	Bright	65.000	160	23Gam Per	2.9300	4700.0	130	38692	No
40	GOM_NL__2PRFIN20090725_034346_000000472081_00061_38692_3042.N1	25-JUL-2009 03:43:46	Bright	47.000	35	33Alp Per	1.7950	6250.0	94	38692	No
41	GOM_NL__2PRFIN20090725_034653_000000542081_00061_38692_3043.N1	25-JUL-2009 03:46:53	Bright	53.500	79	26Bet Per	2.3100	13100.	107	38692	No
42	GOM_NL__2PRFIN20090725_035012_000000502081_00061_38692_3044.N1	25-JUL-2009 03:50:12	Twilight	50.000	150	44Zet Per	2.8900	28000.	100	38692	No

43	GOM_NL__2PRFIN20090725_035305_000000502081_00061_38692_3045.N1	25-JUL-2009 03:53:05	Dark	50.000	146	25Eta Tau	2.8730	15200.	100	38692	No
44	GOM_NL__2PRFIN20090725_035440_000000582081_00061_38692_3046.N1	25-JUL-2009 03:54:40	Dark	58.000	13	87Alp Tau	0.86700	3800.0	116	38692	No
45	GOM_NL__2PRFIN20090725_040450_000000482081_00061_38692_3047.N1	25-JUL-2009 04:04:50	Dark	47.500	165	34Gam Eri	2.9500	3200.0	95	38692	No
46	GOM_NL__2PRFIN20090725_041408_000000442081_00061_38692_3048.N1	25-JUL-2009 04:14:08	Dark	44.000	157	The1Eri	2.9060	9300.0	88	38692	No
47	GOM_NL__2PRFIN20090725_042406_000000552081_00062_38693_3045.N1	25-JUL-2009 04:24:06	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	38693	No
48	GOM_NL__2PRFIN20090725_043025_000000462081_00062_38693_3046.N1	25-JUL-2009 04:30:25	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	38693	No
49	GOM_NL__2PRFIN20090725_043337_000000482081_00062_38693_3047.N1	25-JUL-2009 04:33:37	Straylight	47.500	172	Gam Gru	3.0030	13100.	95	38693	No
50	GOM_NL__2PRFIN20090725_045032_000000412081_00062_38693_3048.N1	25-JUL-2009 04:50:32	Bright	40.500	11	53Alp Aql	0.76500	8000.0	81	38693	No
51	GOM_NL__2PRFIN20090725_050002_000000492081_00062_38693_3049.N1	25-JUL-2009 05:00:02	Bright	48.500	92	53Eps Cyg	2.5000	4500.0	97	38693	No
52	GOM_NL__2PRFIN20090725_050301_000000452081_00062_38693_3050.N1	25-JUL-2009 05:03:01	Bright	45.000	19	50Alp Cyg	1.2460	10500.	90	38693	No
53	GOM_NL__2PRFIN20090725_050817_000000432081_00062_38693_3051.N1	25-JUL-2009 05:08:17	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	38693	No
54	GOM_NL__2PRFIN20090725_051518_000000492081_00062_38693_3052.N1	25-JUL-2009 05:15:18	Bright	49.000	74	11Bet Cas	2.2680	6600.0	98	38693	No
55	GOM_NL__2PRFIN20090725_051702_000000482081_00062_38693_3053.N1	25-JUL-2009 05:17:02	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	38693	No
56	GOM_NL__2PRFIN20090725_052251_000000652081_00062_38693_3054.N1	25-JUL-2009 05:22:51	Bright	65.000	160	23Gam Per	2.9300	4700.0	130	38693	No
57	GOM_NL__2PRFIN20090725_052422_000000482081_00062_38693_3055.N1	25-JUL-2009 05:24:22	Bright	47.500	35	33Alp Per	1.7950	6250.0	95	38693	No
58	GOM_NL__2PRFIN20090725_052729_000000522081_00062_38693_3056.N1	25-JUL-2009 05:27:29	Bright	51.500	79	26Bet Per	2.3100	13100.	103	38693	No
59	GOM_NL__2PRFIN20090725_053049_000000512081_00062_38693_3057.N1	25-JUL-2009 05:30:49	Twi_and_stray	50.500	150	44Zet Per	2.8900	28000.	101	38693	No
60	GOM_NL__2PRFIN20090725_053341_000000522081_00062_38693_3058.N1	25-JUL-2009 05:33:41	Dark	51.500	146	25Eta Tau	2.8730	15200.	103	38693	No
61	GOM_NL__2PRFIN20090725_053516_000000552081_00062_38693_3059.N1	25-JUL-2009 05:35:16	Dark	54.500	13	87Alp Tau	0.86700	3800.0	109	38693	No
62	GOM_NL__2PRFIN20090725_054527_000000492081_00062_38693_3060.N1	25-JUL-2009 05:45:27	Dark	49.000	165	34Gam Eri	2.9500	3200.0	98	38693	No
63	GOM_NL__2PRFIN20090725_055445_000000442081_00062_38693_3061.N1	25-JUL-2009 05:54:45	Dark	44.000	157	The1Eri	2.9060	9300.0	88	38693	No
64	GOM_NL__2PRFIN20090725_060443_000000532081_00063_38694_3056.N1	25-JUL-2009 06:04:43	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	38694	No
65	GOM_NL__2PRFIN20090725_061102_000000452081_00063_38694_3057.N1	25-JUL-2009 06:11:02	Straylight	44.500	31	Alp Gru	1.7340	15200.	89	38694	No
66	GOM_NL__2PRFIN20090725_061414_000000472081_00063_38694_3058.N1	25-JUL-2009 06:14:14	Straylight	47.000	172	Gam Gru	3.0030	13100.	94	38694	No
67	GOM_NL__2PRFIN20090725_063108_000000432081_00063_38694_3059.N1	25-JUL-2009 06:31:08	Bright	43.000	11	53Alp Aql	0.76500	8000.0	86	38694	No
68	GOM_NL__2PRFIN20090725_064037_000000492081_00063_38694_3060.N1	25-JUL-2009 06:40:37	Bright	48.500	92	53Eps Cyg	2.5000	4500.0	97	38694	No
69	GOM_NL__2PRFIN20090725_064336_000000452081_00063_38694_3061.N1	25-JUL-2009 06:43:36	Bright	45.000	19	50Alp Cyg	1.2460	10500.	90	38694	No
70	GOM_NL__2PRFIN20090725_064853_000000392081_00063_38694_3062.N1	25-JUL-2009 06:48:53	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	38694	No
71	GOM_NL__2PRFIN20090725_065553_000000502081_00063_38694_3063.N1	25-JUL-2009 06:55:53	Bright	50.000	74	11Bet Cas	2.2680	6600.0	100	38694	No
72	GOM_NL__2PRFIN20090725_065737_000000482081_00063_38694_3064.N1	25-JUL-2009 06:57:37	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	38694	No
73	GOM_NL__2PRFIN20090725_070327_000000452081_00063_38694_3065.N1	25-JUL-2009 07:03:27	Bright	45.000	160	23Gam Per	2.9300	4700.0	90	38694	No
74	GOM_NL__2PRFIN20090725_070458_000000482081_00063_38694_3066.N1	25-JUL-2009 07:04:58	Bright	48.000	35	33Alp Per	1.7950	6250.0	96	38694	No
75	GOM_NL__2PRFIN20090725_070805_000000512081_00063_38694_3067.N1	25-JUL-2009 07:08:05	Bright	51.000	79	26Bet Per	2.3100	13100.	102	38694	No
76	GOM_NL__2PRFIN20090725_071125_000000502081_00063_38694_3068.N1	25-JUL-2009 07:11:25	Twi_and_stray	50.000	150	44Zet Per	2.8900	28000.	100	38694	No
77	GOM_NL__2PRFIN20090725_071417_000000502081_00063_38694_3069.N1	25-JUL-2009 07:14:17	Dark	50.000	146	25Eta Tau	2.8730	15200.	100	38694	No
78	GOM_NL__2PRFIN20090725_071553_000000512081_00063_38694_3070.N1	25-JUL-2009 07:15:53	Dark	50.500	13	87Alp Tau	0.86700	3800.0	101	38694	No
79	GOM_NL__2PRFIN20090725_072603_000000502081_00063_38694_3071.N1	25-JUL-2009 07:26:03	Dark	49.500	165	34Gam Eri	2.9500	3200.0	99	38694	No
80	GOM_NL__2PRFIN20090725_073522_000000432081_00063_38694_3072.N1	25-JUL-2009 07:35:22	Dark	43.000	157	The1Eri	2.9060	9300.0	86	38694	No
81	GOM_NL__2PRFIN20090725_074520_000000552081_00064_38695_3063.N1	25-JUL-2009 07:45:20	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	38695	No
82	GOM_NL__2PRFIN20090725_075138_000000472081_00064_38695_3064.N1	25-JUL-2009 07:51:38	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	38695	No
83	GOM_NL__2PRFIN20090725_075450_000000472081_00064_38695_3065.N1	25-JUL-2009 07:54:50	Straylight	47.000	172	Gam Gru	3.0030	13100.	94	38695	No
84	GOM_NL__2PRFIN20090725_081143_000000392081_00064_38695_3066.N1	25-JUL-2009 08:11:43	Bright	39.000	11	53Alp Aql	0.76500	8000.0	78	38695	No
85	GOM_NL__2PRFIN20090725_082113_000000492081_00064_38695_3067.N1	25-JUL-2009 08:21:13	Bright	49.000	92	53Eps Cyg	2.5000	4500.0	98	38695	No
86	GOM_NL__2PRFIN20090725_082412_000000462081_00064_38695_3068.N1	25-JUL-2009 08:24:12	Bright	45.500	19	50Alp Cyg	1.2460	10500.	91	38695	No
87	GOM_NL__2PRFIN20090725_082928_000000412081_00064_38695_3069.N1	25-JUL-2009 08:29:28	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	38695	No
88	GOM_NL__2PRFIN20090725_083628_000000502081_00064_38695_3070.N1	25-JUL-2009 08:36:28	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	38695	No
89	GOM_NL__2PRFIN20090725_083813_000000482081_00064_38695_3071.N1	25-JUL-2009 08:38:13	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	38695	No
90	GOM_NL__2PRFIN20090725_084402_000000462081_00064_38695_3072.N1	25-JUL-2009 08:44:02	Bright	46.000	160	23Gam Per	2.9300	4700.0	92	38695	No
91	GOM_NL__2PRFIN20090725_084534_000000642081_00064_38695_3073.N1	25-JUL-2009 08:45:34	Bright	64.000	35	33Alp Per	1.7950	6250.0	128	38695	No
92	GOM_NL__2PRFIN20090725_084841_000000532081_00064_38695_3074.N1	25-JUL-2009 08:48:41	Bright	52.500	79	26Bet Per	2.3100	13100.	105	38695	No
93	GOM_NL__2PRFIN20090725_085201_000000482081_00064_38695_3075.N1	25-JUL-2009 08:52:01	Twi_and_stray	48.000	150	44Zet Per	2.8900	28000.	96	38695	No
94	GOM_NL__2PRFIN20090725_085453_000000522081_00064_38695_3076.N1	25-JUL-2009 08:54:53	Dark	51.500	146	25Eta Tau	2.8730	15200.	103	38695	No
95	GOM_NL__2PRFIN20090725_085629_000000492081_00064_38695_3077.N1	25-JUL-2009 08:56:29	Dark	49.000	13	87Alp Tau	0.86700	3800.0	98	38695	No
96	GOM_NL__2PRFIN20090725_090640_000000512081_00064_38695_3078.N1	25-JUL-2009 09:06:40	Dark	50.500	165	34Gam Eri	2.9500	3200.0	101	38695	No
97	GOM_NL__2PRFIN20090725_091559_000000442081_00064_38695_3079.N1	25-JUL-2009 09:15:59	Dark	43.500	157	The1Eri	2.9060	9300.0	87	38695	No
98	GOM_NL__2PRFIN20090725_092557_000000562081_00065_38696_3076.N1	25-JUL-2009 09:25:57	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	38696	No
99	GOM_NL__2PRFIN20090725_093215_000000462081_00065_38696_3077.N1	25-JUL-2009 09:32:15	Straylight	46.000	31	Alp Gru	1.7340	15200.	92	38696	No
100	GOM_NL__2PRFIN20090725_093527_000000472081_00065_38696_3078.N1	25-JUL-2009 09:35:27	Straylight	47.000	172	Gam Gru	3.0030	13100.	94	38696	No
101	GOM_NL__2PRFIN20090725_095219_000000402081_00065_38696_3079.N1	25-JUL-2009 09:52:19	Bright	39.500	11	53Alp Aql	0.76500	8000.0	79	38696	No

102	GOM_NL__2PRFIN20090725_100148_000000702081_00065_38696_3080.N1	25-JUL-2009 10:01:48	Bright	70.000	92	53Eps Cyg	2.5000	4500.0	140	38696	No
103	GOM_NL__2PRFIN20090725_100447_000000462081_00065_38696_3081.N1	25-JUL-2009 10:04:47	Bright	45.500	19	50Alp Cyg	1.2460	10500.	91	38696	No
104	GOM_NL__2PRFIN20090725_101003_000000432081_00065_38696_3082.N1	25-JUL-2009 10:10:03	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	38696	No
105	GOM_NL__2PRFIN20090725_101703_000000512081_00065_38696_3083.N1	25-JUL-2009 10:17:03	Bright	51.000	74	11Bet Cas	2.2680	6600.0	102	38696	No
106	GOM_NL__2PRFIN20090725_101848_000000482081_00065_38696_3084.N1	25-JUL-2009 10:18:48	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	38696	No
107	GOM_NL__2PRFIN20090725_102438_000000442081_00065_38696_3085.N1	25-JUL-2009 10:24:38	Bright	43.500	160	23Gam Per	2.9300	4700.0	87	38696	No
108	GOM_NL__2PRFIN20090725_102609_000000472081_00065_38696_3086.N1	25-JUL-2009 10:26:09	Bright	46.500	35	33Alp Per	1.7950	6250.0	93	38696	No
109	GOM_NL__2PRFIN20090725_102917_000000522081_00065_38696_3087.N1	25-JUL-2009 10:29:17	Bright	52.000	79	26Bet Per	2.3100	13100.	104	38696	No
110	GOM_NL__2PRFIN20090725_103237_000000482081_00065_38696_3088.N1	25-JUL-2009 10:32:37	Twi_and_stray	48.000	150	44Zet Per	2.8900	28000.	96	38696	No
111	GOM_NL__2PRFIN20090725_103530_000000502081_00065_38696_3089.N1	25-JUL-2009 10:35:30	Dark	50.000	146	25Eta Tau	2.8730	15200.	100	38696	No
112	GOM_NL__2PRFIN20090725_103705_000000592081_00065_38696_3090.N1	25-JUL-2009 10:37:05	Dark	59.000	13	87Alp Tau	0.86700	3800.0	118	38696	No
113	GOM_NL__2PRFIN20090725_104717_000000462081_00065_38696_3091.N1	25-JUL-2009 10:47:17	Dark	46.000	165	34Gam Eri	2.9500	3200.0	92	38696	No
114	GOM_NL__2PRFIN20090725_105635_000000452081_00065_38696_3092.N1	25-JUL-2009 10:56:35	Dark	44.500	157	The1Eri	2.9060	9300.0	89	38696	No
115	GOM_NL__2PRFIN20090725_110634_000000532081_00066_38697_3099.N1	25-JUL-2009 11:06:34	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	38697	No
116	GOM_NL__2PRFIN20090725_111251_000000452081_00066_38697_3100.N1	25-JUL-2009 11:12:51	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	38697	No
117	GOM_NL__2PRFIN20090725_111603_000000482081_00066_38697_3101.N1	25-JUL-2009 11:16:03	Straylight	48.000	172	Gam Gru	3.0030	13100.	96	38697	No
118	GOM_NL__2PRFIN20090725_113255_000000392081_00066_38697_3102.N1	25-JUL-2009 11:32:55	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	38697	No
119	GOM_NL__2PRFIN20090725_114223_000000442081_00066_38697_3103.N1	25-JUL-2009 11:42:23	Bright	44.000	92	53Eps Cyg	2.5000	4500.0	88	38697	No
120	GOM_NL__2PRFIN20090725_114522_000000452081_00066_38697_3104.N1	25-JUL-2009 11:45:22	Bright	45.000	19	50Alp Cyg	1.2460	10500.	90	38697	No
121	GOM_NL__2PRFIN20090725_115039_000000412081_00066_38697_3105.N1	25-JUL-2009 11:50:39	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	38697	No
122	GOM_NL__2PRFIN20090725_115738_000000512081_00066_38697_3106.N1	25-JUL-2009 11:57:38	Bright	50.500	74	11Bet Cas	2.2680	6600.0	101	38697	No
123	GOM_NL__2PRFIN20090725_115923_000000472081_00066_38697_3107.N1	25-JUL-2009 11:59:23	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	38697	No
124	GOM_NL__2PRFIN20090725_120513_000000462081_00066_38697_3108.N1	25-JUL-2009 12:05:13	Bright	46.000	160	23Gam Per	2.9300	4700.0	92	38697	No
125	GOM_NL__2PRFIN20090725_120645_000000472081_00066_38697_3109.N1	25-JUL-2009 12:06:45	Bright	46.500	35	33Alp Per	1.7950	6250.0	93	38697	No
126	GOM_NL__2PRFIN20090725_120952_000000542081_00066_38697_3110.N1	25-JUL-2009 12:09:52	Bright	53.500	79	26Bet Per	2.3100	13100.	107	38697	No
127	GOM_NL__2PRFIN20090725_121313_000000492081_00066_38697_3111.N1	25-JUL-2009 12:13:13	Twi_and_stray	48.500	150	44Zet Per	2.8900	28000.	97	38697	No
128	GOM_NL__2PRFIN20090725_121606_000000502081_00066_38697_3112.N1	25-JUL-2009 12:16:06	Dark	49.500	146	25Eta Tau	2.8730	15200.	99	38697	No
129	GOM_NL__2PRFIN20090725_121741_000000592081_00066_38697_3113.N1	25-JUL-2009 12:17:41	Dark	58.500	13	87Alp Tau	0.86700	3800.0	117	38697	No
130	GOM_NL__2PRFIN20090725_122753_000000482081_00066_38697_3114.N1	25-JUL-2009 12:27:53	Dark	47.500	165	34Gam Eri	2.9500	3200.0	95	38697	No
131	GOM_NL__2PRFIN20090725_123712_000000442081_00066_38697_3115.N1	25-JUL-2009 12:37:12	Dark	43.500	157	The1Eri	2.9060	9300.0	87	38697	No
132	GOM_NL__2PRFIN20090725_124711_000000552081_00067_38698_3114.N1	25-JUL-2009 12:47:11	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	38698	No
133	GOM_NL__2PRFIN20090725_125328_000000462081_00067_38698_3115.N1	25-JUL-2009 12:53:28	Straylight	46.000	31	Alp Gru	1.7340	15200.	92	38698	No
134	GOM_NL__2PRFIN20090725_125640_000000472081_00067_38698_3116.N1	25-JUL-2009 12:56:40	Straylight	47.000	172	Gam Gru	3.0030	13100.	94	38698	No
135	GOM_NL__2PRFIN20090725_131331_000000442081_00067_38698_3117.N1	25-JUL-2009 13:13:31	Bright	43.500	11	53Alp Aql	0.76500	8000.0	87	38698	No
136	GOM_NL__2PRFIN20090725_132258_000000502081_00067_38698_3118.N1	25-JUL-2009 13:22:58	Bright	49.500	92	53Eps Cyg	2.5000	4500.0	99	38698	No
137	GOM_NL__2PRFIN20090725_132557_000000592081_00067_38698_3119.N1	25-JUL-2009 13:25:57	Bright	58.500	19	50Alp Cyg	1.2460	10500.	117	38698	No
138	GOM_NL__2PRFIN20090725_133114_000000432081_00067_38698_3120.N1	25-JUL-2009 13:31:14	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	38698	No
139	GOM_NL__2PRFIN20090725_133813_000000502081_00067_38698_3121.N1	25-JUL-2009 13:38:13	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	38698	No
140	GOM_NL__2PRFIN20090725_134549_000000492081_00067_38698_3122.N1	25-JUL-2009 13:45:49	Bright	48.500	160	23Gam Per	2.9300	4700.0	97	38698	No
141	GOM_NL__2PRFIN20090725_134721_000000652081_00067_38698_3123.N1	25-JUL-2009 13:47:21	Bright	65.000	35	33Alp Per	1.7950	6250.0	130	38698	No
142	GOM_NL__2PRFIN20090725_135028_000000542081_00067_38698_3124.N1	25-JUL-2009 13:50:28	Bright	53.500	79	26Bet Per	2.3100	13100.	107	38698	No
143	GOM_NL__2PRFIN20090725_135349_000000502081_00067_38698_3125.N1	25-JUL-2009 13:53:49	Twi_and_stray	49.500	150	44Zet Per	2.8900	28000.	99	38698	No
144	GOM_NL__2PRFIN20090725_135642_000000502081_00067_38698_3126.N1	25-JUL-2009 13:56:42	Dark	50.000	146	25Eta Tau	2.8730	15200.	100	38698	No
145	GOM_NL__2PRFIN20090725_135817_000000502081_00067_38698_3127.N1	25-JUL-2009 13:58:17	Dark	49.500	13	87Alp Tau	0.86700	3800.0	99	38698	No
146	GOM_NL__2PRFIN20090725_140830_000000492081_00067_38698_3128.N1	25-JUL-2009 14:08:30	Dark	49.000	165	34Gam Eri	2.9500	3200.0	98	38698	No
147	GOM_NL__2PRFIN20090725_141749_000000432081_00067_38698_3129.N1	25-JUL-2009 14:17:49	Dark	43.000	157	The1Eri	2.9060	9300.0	86	38698	No
148	GOM_NL__2PRFIN20090725_142748_000000552081_00068_38699_3158.N1	25-JUL-2009 14:27:48	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	38699	No
149	GOM_NL__2PRFIN20090725_143404_000000452081_00068_38699_3159.N1	25-JUL-2009 14:34:04	Straylight	44.500	31	Alp Gru	1.7340	15200.	89	38699	No
150	GOM_NL__2PRFIN20090725_143716_000000502081_00068_38699_3160.N1	25-JUL-2009 14:37:16	Straylight	49.500	172	Gam Gru	3.0030	13100.	99	38699	No
151	GOM_NL__2PRFIN20090725_145406_000000402081_00068_38699_3161.N1	25-JUL-2009 14:54:06	Bright	39.500	11	53Alp Aql	0.76500	8000.0	79	38699	No
152	GOM_NL__2PRFIN20090725_150333_000000482081_00068_38699_3162.N1	25-JUL-2009 15:03:33	Bright	48.000	92	53Eps Cyg	2.5000	4500.0	96	38699	No
153	GOM_NL__2PRFIN20090725_150633_000000442081_00068_38699_3163.N1	25-JUL-2009 15:06:33	Bright	43.500	19	50Alp Cyg	1.2460	10500.	87	38699	No
154	GOM_NL__2PRFIN20090725_151150_000000422081_00068_38699_3164.N1	25-JUL-2009 15:11:50	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	38699	No
155	GOM_NL__2PRFIN20090725_151849_000000682081_00068_38699_3165.N1	25-JUL-2009 15:18:49	Bright	67.500	74	11Bet Cas	2.2680	6600.0	135	38699	No
156	GOM_NL__2PRFIN20090725_152034_000000482081_00068_38699_3166.N1	25-JUL-2009 15:20:34	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	38699	No
157	GOM_NL__2PRFIN20090725_152625_000000452081_00068_38699_3167.N1	25-JUL-2009 15:26:25	Bright	44.500	160	23Gam Per	2.9300	4700.0	89	38699	No
158	GOM_NL__2PRFIN20090725_152756_000000652081_00068_38699_3168.N1	25-JUL-2009 15:27:56	Bright	65.000	35	33Alp Per	1.7950	6250.0	130	38699	No
159	GOM_NL__2PRFIN20090725_153104_000000532081_00068_38699_3169.N1	25-JUL-2009 15:31:04	Bright	52.500	79	26Bet Per	2.3100	13100.	105	38699	No
160	GOM_NL__2PRFIN20090725_153425_000000472081_00068_38699_3170.N1	25-JUL-2009 15:34:25	Twi_and_stray	46.500	150	44Zet Per	2.8900	28000.	93	38699	No



161	GOM_NL__2PRFIN20090725_153718_00000522081_00068_38699_3171.N1	25-JUL-2009 15:37:18	Dark	51.500	146	25Eta Tau	2.8730	15200.	103	38699	No
162	GOM_NL__2PRFIN20090725_153854_00000502081_00068_38699_3172.N1	25-JUL-2009 15:38:54	Dark	50.000	13	87Alp Tau	0.86700	3800.0	100	38699	No
163	GOM_NL__2PRFIN20090725_154907_00000552081_00068_38699_3173.N1	25-JUL-2009 15:49:07	Dark	55.000	165	34Gam Eri	2.9500	3200.0	110	38699	No
164	GOM_NL__2PRFIN20090725_155826_00000452081_00068_38699_3174.N1	25-JUL-2009 15:58:26	Dark	45.000	157	The1Eri	2.9060	9300.0	90	38699	No
165	GOM_NL__2PRFIN20090725_160825_00000542081_00069_38700_3185.N1	25-JUL-2009 16:08:25	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	38700	No
166	GOM_NL__2PRFIN20090725_161441_00000472081_00069_38700_3186.N1	25-JUL-2009 16:14:41	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	38700	No
167	GOM_NL__2PRFIN20090725_161753_00000482081_00069_38700_3187.N1	25-JUL-2009 16:17:53	Straylight	48.000	172	Gam Gru	3.0030	13100.	96	38700	No
168	GOM_NL__2PRFIN20090725_163442_00000402081_00069_38700_3188.N1	25-JUL-2009 16:34:42	Bright	39.500	11	53Alp Aql	0.76500	8000.0	79	38700	No
169	GOM_NL__2PRFIN20090725_164409_00000482081_00069_38700_3189.N1	25-JUL-2009 16:44:09	Bright	48.000	92	53Eps Cyg	2.5000	4500.0	96	38700	No
170	GOM_NL__2PRFIN20090725_164708_00000652081_00069_38700_3190.N1	25-JUL-2009 16:47:08	Bright	65.000	19	50Alp Cyg	1.2460	10500.	130	38700	No
171	GOM_NL__2PRFIN20090725_165225_00000422081_00069_38700_3191.N1	25-JUL-2009 16:52:25	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	38700	No
172	GOM_NL__2PRFIN20090725_165924_00000532081_00069_38700_3192.N1	25-JUL-2009 16:59:24	Bright	53.000	74	11Bet Cas	2.2680	6600.0	106	38700	No
173	GOM_NL__2PRFIN20090725_170109_00000712081_00069_38700_3193.N1	25-JUL-2009 17:01:09	Bright	71.000	76	27Gam Cas	2.3000	30000.	142	38700	No
174	GOM_NL__2PRFIN20090725_170701_00000452081_00069_38700_3194.N1	25-JUL-2009 17:07:01	Bright	45.000	160	23Gam Per	2.9300	4700.0	90	38700	No
175	GOM_NL__2PRFIN20090725_170832_00000442081_00069_38700_3195.N1	25-JUL-2009 17:08:32	Bright	44.000	35	33Alp Per	1.7950	6250.0	88	38700	No
176	GOM_NL__2PRFIN20090725_171140_00000542081_00069_38700_3196.N1	25-JUL-2009 17:11:40	Bright	53.500	79	26Bet Per	2.3100	13100.	107	38700	No
177	GOM_NL__2PRFIN20090725_171501_00000502081_00069_38700_3197.N1	25-JUL-2009 17:15:01	Tw_i_and_stray	50.000	150	44Zet Per	2.8900	28000.	100	38700	No
178	GOM_NL__2PRFIN20090725_171755_00000522081_00069_38700_3198.N1	25-JUL-2009 17:17:55	Dark	52.000	146	25Eta Tau	2.8730	15200.	104	38700	No
179	GOM_NL__2PRFIN20090725_171930_00000582081_00069_38700_3199.N1	25-JUL-2009 17:19:30	Dark	57.500	13	87Alp Tau	0.86700	3800.0	115	38700	No
180	GOM_NL__2PRFIN20090725_172944_00000512081_00069_38700_3200.N1	25-JUL-2009 17:29:44	Dark	50.500	165	34Gam Eri	2.9500	3200.0	101	38700	No
181	GOM_NL__2PRFIN20090725_173903_00000432081_00069_38700_3201.N1	25-JUL-2009 17:39:03	Dark	43.000	157	The1Eri	2.9060	9300.0	86	38700	No
182	GOM_NL__2PRFIN20090725_174902_00000562081_00070_38701_3197.N1	25-JUL-2009 17:49:02	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	38701	No
183	GOM_NL__2PRFIN20090725_175518_00000522081_00070_38701_3198.N1	25-JUL-2009 17:55:18	Straylight	52.000	31	Alp Gru	1.7340	15200.	104	38701	No
184	GOM_NL__2PRFIN20090725_175830_00000482081_00070_38701_3199.N1	25-JUL-2009 17:58:30	Straylight	47.500	172	Gam Gru	3.0030	13100.	95	38701	No
185	GOM_NL__2PRFIN20090725_181518_00000392081_00070_38701_3200.N1	25-JUL-2009 18:15:18	Bright	39.000	11	53Alp Aql	0.76500	8000.0	78	38701	No
186	GOM_NL__2PRFIN20090725_182444_00000482081_00070_38701_3201.N1	25-JUL-2009 18:24:44	Bright	48.000	92	53Eps Cyg	2.5000	4500.0	96	38701	No
187	GOM_NL__2PRFIN20090725_182743_00000462081_00070_38701_3202.N1	25-JUL-2009 18:27:43	Bright	45.500	19	50Alp Cyg	1.2460	10500.	91	38701	No
188	GOM_NL__2PRFIN20090725_183301_00000432081_00070_38701_3203.N1	25-JUL-2009 18:33:01	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	38701	No
189	GOM_NL__2PRFIN20090725_183959_00000522081_00070_38701_3204.N1	25-JUL-2009 18:39:59	Bright	52.000	74	11Bet Cas	2.2680	6600.0	104	38701	No
190	GOM_NL__2PRFIN20090725_184144_00000472081_00070_38701_3205.N1	25-JUL-2009 18:41:44	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	38701	No
191	GOM_NL__2PRFIN20090725_184736_00000442081_00070_38701_3206.N1	25-JUL-2009 18:47:36	Bright	43.500	160	23Gam Per	2.9300	4700.0	87	38701	No
192	GOM_NL__2PRFIN20090725_184908_00000452081_00070_38701_3207.N1	25-JUL-2009 18:49:08	Bright	45.000	35	33Alp Per	1.7950	6250.0	90	38701	No
193	GOM_NL__2PRFIN20090725_185216_00000542081_00070_38701_3208.N1	25-JUL-2009 18:52:16	Bright	53.500	79	26Bet Per	2.3100	13100.	107	38701	No
194	GOM_NL__2PRFIN20090725_185537_00000482081_00070_38701_3209.N1	25-JUL-2009 18:55:37	Tw_i_and_stray	48.000	150	44Zet Per	2.8900	28000.	96	38701	No
195	GOM_NL__2PRFIN20090725_185831_00000492081_00070_38701_3210.N1	25-JUL-2009 18:58:31	Dark	49.000	146	25Eta Tau	2.8730	15200.	98	38701	No
196	GOM_NL__2PRFIN20090725_190006_00000502081_00070_38701_3211.N1	25-JUL-2009 19:00:06	Dark	50.000	13	87Alp Tau	0.86700	3800.0	100	38701	No
197	GOM_NL__2PRFIN20090725_191020_00000492081_00070_38701_3212.N1	25-JUL-2009 19:10:20	Dark	49.000	165	34Gam Eri	2.9500	3200.0	98	38701	No
198	GOM_NL__2PRFIN20090725_191940_00000442081_00070_38701_3213.N1	25-JUL-2009 19:19:40	Dark	43.500	157	The1Eri	2.9060	9300.0	87	38701	No
199	GOM_NL__2PRFIN20090725_192939_00000532081_00071_38702_3214.N1	25-JUL-2009 19:29:39	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	38702	No
200	GOM_NL__2PRFIN20090725_193554_00000522081_00071_38702_3215.N1	25-JUL-2009 19:35:54	Straylight	51.500	31	Alp Gru	1.7340	15200.	103	38702	No
201	GOM_NL__2PRFIN20090725_193906_00000472081_00071_38702_3216.N1	25-JUL-2009 19:39:06	Straylight	46.500	172	Gam Gru	3.0030	13100.	93	38702	No
202	GOM_NL__2PRFIN20090725_195554_00000582081_00071_38702_3217.N1	25-JUL-2009 19:55:54	Bright	58.000	11	53Alp Aql	0.76500	8000.0	116	38702	No
203	GOM_NL__2PRFIN20090725_200519_00000462081_00071_38702_3218.N1	25-JUL-2009 20:05:19	Bright	46.000	92	53Eps Cyg	2.5000	4500.0	92	38702	No
204	GOM_NL__2PRFIN20090725_200819_00000652081_00071_38702_3219.N1	25-JUL-2009 20:08:19	Bright	65.000	19	50Alp Cyg	1.2460	10500.	130	38702	No
205	GOM_NL__2PRFIN20090725_201336_00000422081_00071_38702_3220.N1	25-JUL-2009 20:13:36	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	38702	No
206	GOM_NL__2PRFIN20090725_202034_00000522081_00071_38702_3221.N1	25-JUL-2009 20:20:34	Bright	52.000	74	11Bet Cas	2.2680	6600.0	104	38702	No
207	GOM_NL__2PRFIN20090725_202220_00000512081_00071_38702_3222.N1	25-JUL-2009 20:22:20	Bright	50.500	76	27Gam Cas	2.3000	30000.	101	38702	No
208	GOM_NL__2PRFIN20090725_202812_00000452081_00071_38702_3223.N1	25-JUL-2009 20:28:12	Bright	44.500	160	23Gam Per	2.9300	4700.0	89	38702	No
209	GOM_NL__2PRFIN20090725_202944_00000462081_00071_38702_3224.N1	25-JUL-2009 20:29:44	Bright	46.000	35	33Alp Per	1.7950	6250.0	92	38702	No
210	GOM_NL__2PRFIN20090725_203252_00000542081_00071_38702_3225.N1	25-JUL-2009 20:32:52	Bright	53.500	79	26Bet Per	2.3100	13100.	107	38702	No
211	GOM_NL__2PRFIN20090725_203613_00000502081_00071_38702_3226.N1	25-JUL-2009 20:36:13	Tw_i_and_stray	49.500	150	44Zet Per	2.8900	28000.	99	38702	No
212	GOM_NL__2PRFIN20090725_203907_00000512081_00071_38702_3227.N1	25-JUL-2009 20:39:07	Dark	51.000	146	25Eta Tau	2.8730	15200.	102	38702	No
213	GOM_NL__2PRFIN20090725_204042_00000442081_00071_38702_3228.N1	25-JUL-2009 20:40:42	Dark	43.500	13	87Alp Tau	0.86700	3800.0	87	38702	No
214	GOM_NL__2PRFIN20090725_205057_00000502081_00071_38702_3229.N1	25-JUL-2009 20:50:57	Dark	50.000	165	34Gam Eri	2.9500	3200.0	100	38702	No
215	GOM_NL__2PRFIN20090725_210016_00000452081_00071_38702_3230.N1	25-JUL-2009 21:00:16	Dark	45.000	157	The1Eri	2.9060	9300.0	90	38702	No
216	GOM_NL__2PRFIN20090725_211016_00000552081_00072_38703_3229.N1	25-JUL-2009 21:10:16	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	38703	No
217	GOM_NL__2PRFIN20090725_211631_00000452081_00072_38703_3230.N1	25-JUL-2009 21:16:31	Straylight	44.500	31	Alp Gru	1.7340	15200.	89	38703	No
218	GOM_NL__2PRFIN20090725_211943_00000472081_00072_38703_3231.N1	25-JUL-2009 21:19:43	Straylight	46.500	172	Gam Gru	3.0030	13100.	93	38703	No
219	GOM_NL__2PRFIN20090725_213629_00000412081_00072_38703_3232.N1	25-JUL-2009 21:36:29	Bright	41.000	11	53Alp Aql	0.76500	8000.0	82	38703	No

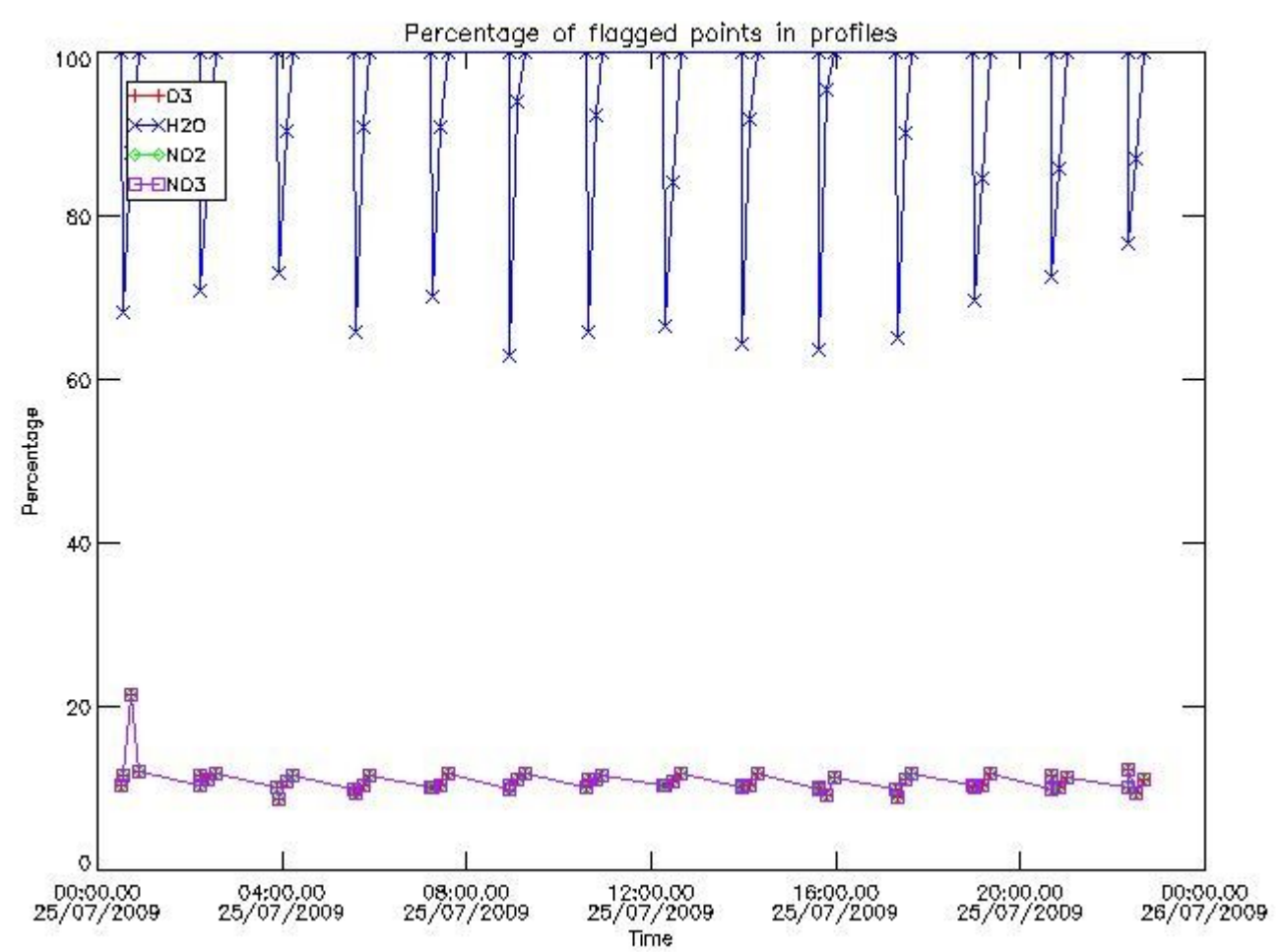


220	GOM_NL__2PRFIN20090725_214554_000000472081_00072_38703_3233.N1	25-JUL-2009 21:45:54	Bright	46.500	92	53Eps Cyg	2.5000	4500.0	93	38703	No
221	GOM_NL__2PRFIN20090725_214854_000000452081_00072_38703_3234.N1	25-JUL-2009 21:48:54	Bright	45.000	19	50Alp Cyg	1.2460	10500.	90	38703	No
222	GOM_NL__2PRFIN20090725_215412_000000422081_00072_38703_3235.N1	25-JUL-2009 21:54:12	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	38703	No
223	GOM_NL__2PRFIN20090725_220109_000000502081_00072_38703_3236.N1	25-JUL-2009 22:01:09	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	38703	No
224	GOM_NL__2PRFIN20090725_220255_000000472081_00072_38703_3237.N1	25-JUL-2009 22:02:55	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	38703	No
225	GOM_NL__2PRFIN20090725_220847_000000452081_00072_38703_3238.N1	25-JUL-2009 22:08:47	Bright	44.500	160	23Gam Per	2.9300	4700.0	89	38703	No
226	GOM_NL__2PRFIN20090725_221019_000000482081_00072_38703_3239.N1	25-JUL-2009 22:10:19	Bright	47.500	35	33Alp Per	1.7950	6250.0	95	38703	No
227	GOM_NL__2PRFIN20090725_221327_000000532081_00072_38703_3240.N1	25-JUL-2009 22:13:27	Bright	52.500	79	26Bet Per	2.3100	13100.	105	38703	No
228	GOM_NL__2PRFIN20090725_221649_000000502081_00072_38703_3241.N1	25-JUL-2009 22:16:49	Tw_i_and_stray	49.500	150	44Zet Per	2.8900	28000.	99	38703	No
229	GOM_NL__2PRFIN20090725_221943_000000502081_00072_38703_3242.N1	25-JUL-2009 22:19:43	Dark	50.000	146	25Eta Tau	2.8730	15200.	100	38703	No
230	GOM_NL__2PRFIN20090725_222119_000000462081_00072_38703_3243.N1	25-JUL-2009 22:21:19	Dark	45.500	13	87Alp Tau	0.86700	3800.0	91	38703	No
231	GOM_NL__2PRFIN20090725_223134_000000542081_00072_38703_3244.N1	25-JUL-2009 22:31:34	Dark	54.000	165	34Gam Eri	2.9500	3200.0	108	38703	No
232	GOM_NL__2PRFIN20090725_224053_000000462081_00072_38703_3245.N1	25-JUL-2009 22:40:53	Dark	45.500	157	The1Eri	2.9060	9300.0	91	38703	No
233	GOM_NL__2PRFIN20090725_225053_000000552081_00073_38704_3247.N1	25-JUL-2009 22:50:53	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	38704	No
234	GOM_NL__2PRFIN20090725_225707_000000532081_00073_38704_3248.N1	25-JUL-2009 22:57:07	Straylight	53.000	31	Alp Gru	1.7340	15200.	106	38704	No
235	GOM_NL__2PRFIN20090725_230019_000000472081_00073_38704_3249.N1	25-JUL-2009 23:00:19	Straylight	47.000	172	Gam Gru	3.0030	13100.	94	38704	No
236	GOM_NL__2PRFIN20090725_231705_000000422081_00073_38704_3250.N1	25-JUL-2009 23:17:05	Bright	41.500	11	53Alp Aql	0.76500	8000.0	83	38704	No
237	GOM_NL__2PRFIN20090725_232629_000000472081_00073_38704_3251.N1	25-JUL-2009 23:26:29	Bright	46.500	92	53Eps Cyg	2.5000	4500.0	93	38704	No
238	GOM_NL__2PRFIN20090725_232929_000000642081_00073_38704_3252.N1	25-JUL-2009 23:29:29	Bright	64.000	19	50Alp Cyg	1.2460	10500.	128	38704	No
239	GOM_NL__2PRFIN20090725_233447_000000382081_00073_38704_3253.N1	25-JUL-2009 23:34:47	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	38704	No
240	GOM_NL__2PRFIN20090725_234144_000000742081_00073_38704_3254.N1	25-JUL-2009 23:41:44	Bright	73.500	74	11Bet Cas	2.2680	6600.0	147	38704	No
241	GOM_NL__2PRFIN20090725_234330_000000492081_00073_38704_3255.N1	25-JUL-2009 23:43:30	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	38704	No
242	GOM_NL__2PRFIN20090725_234923_000000432081_00073_38704_3256.N1	25-JUL-2009 23:49:23	Bright	43.000	160	23Gam Per	2.9300	4700.0	86	38704	No
243	GOM_NL__2PRFIN20090725_235055_000000472081_00073_38704_3257.N1	25-JUL-2009 23:50:55	Bright	47.000	35	33Alp Per	1.7950	6250.0	94	38704	No
244	GOM_NL__2PRFIN20090725_235403_000000532081_00073_38704_3258.N1	25-JUL-2009 23:54:03	Bright	53.000	79	26Bet Per	2.3100	13100.	106	38704	No
245	GOM_NL__2PRFIN20090725_235725_000000472081_00073_38704_3259.N1	25-JUL-2009 23:57:25	Tw_i_and_stray	46.500	150	44Zet Per	2.8900	28000.	93	38704	No

### 3. Quality information per product

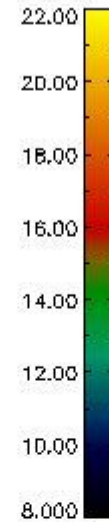
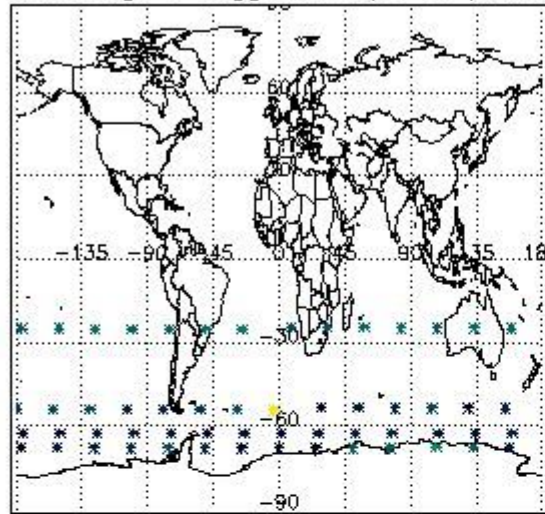
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

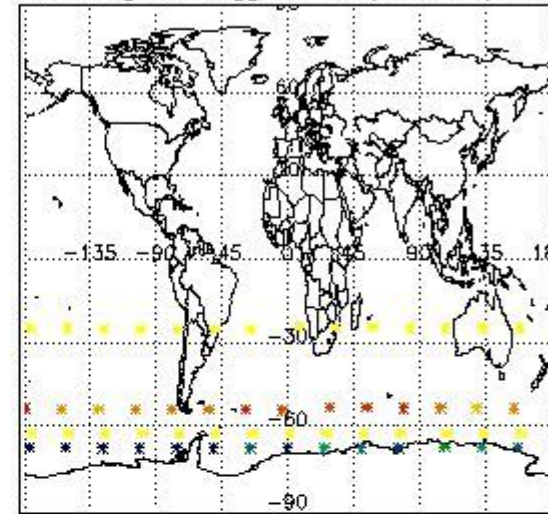


3.2 Plot quality information per product (world map)

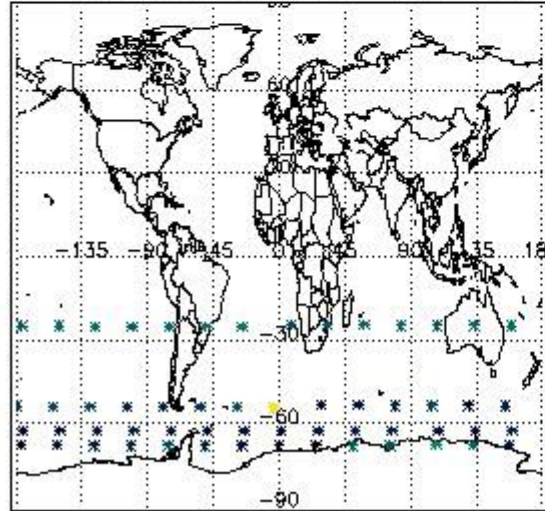
Percentage of flagged data per O3 profile



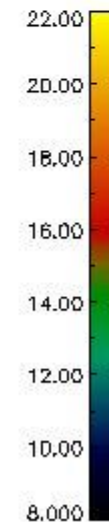
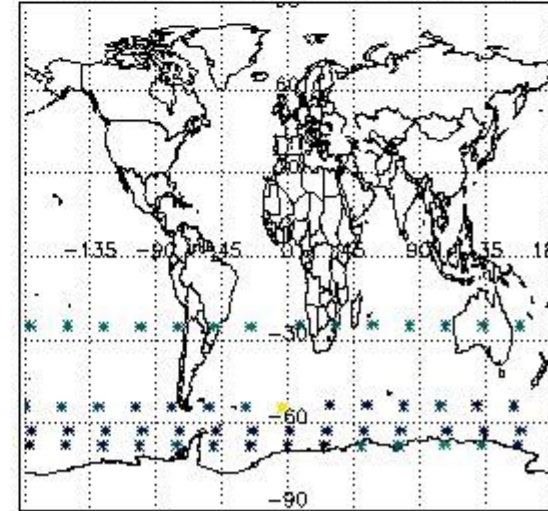
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

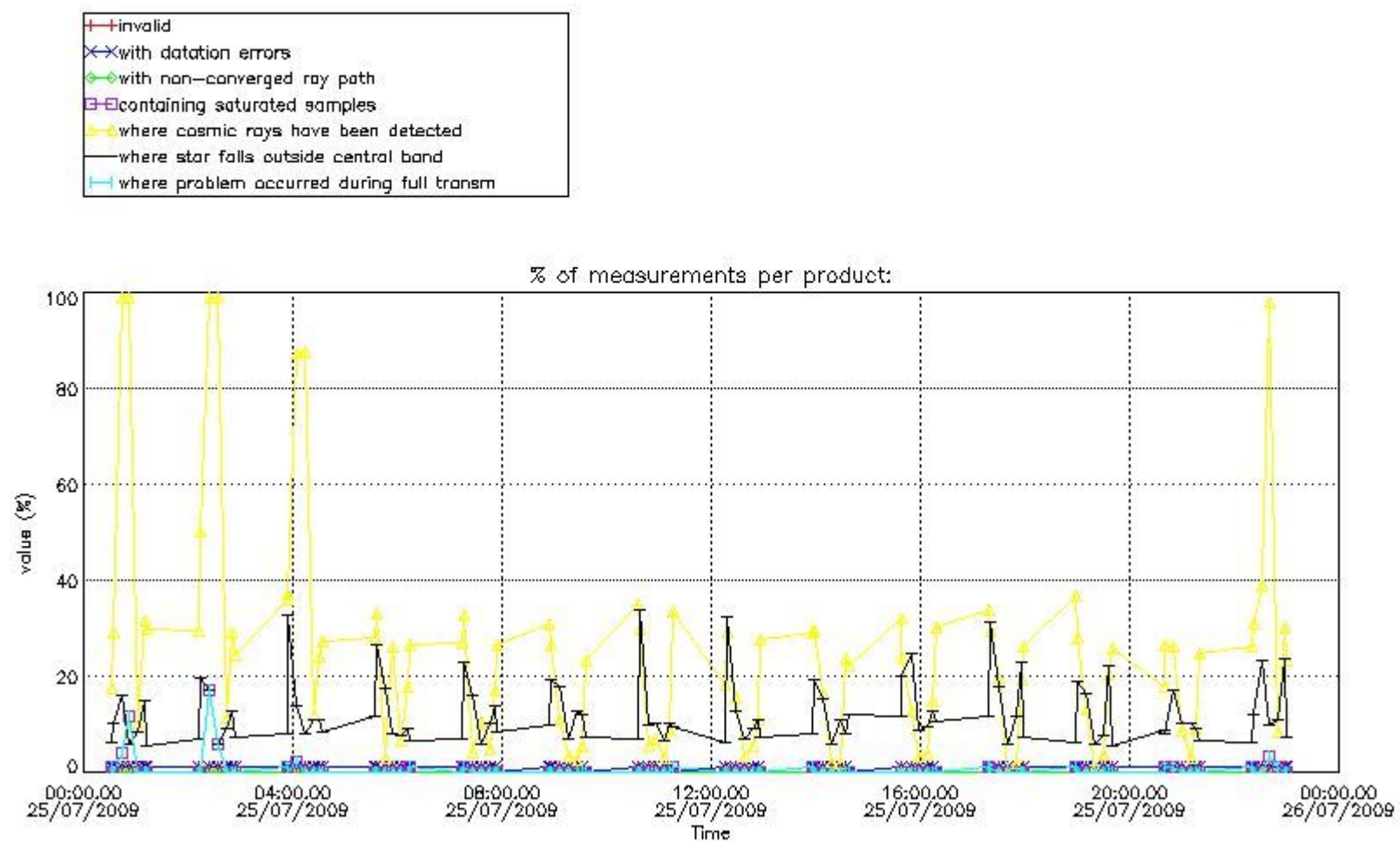


#### 4. Level 1 quality information per product

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.

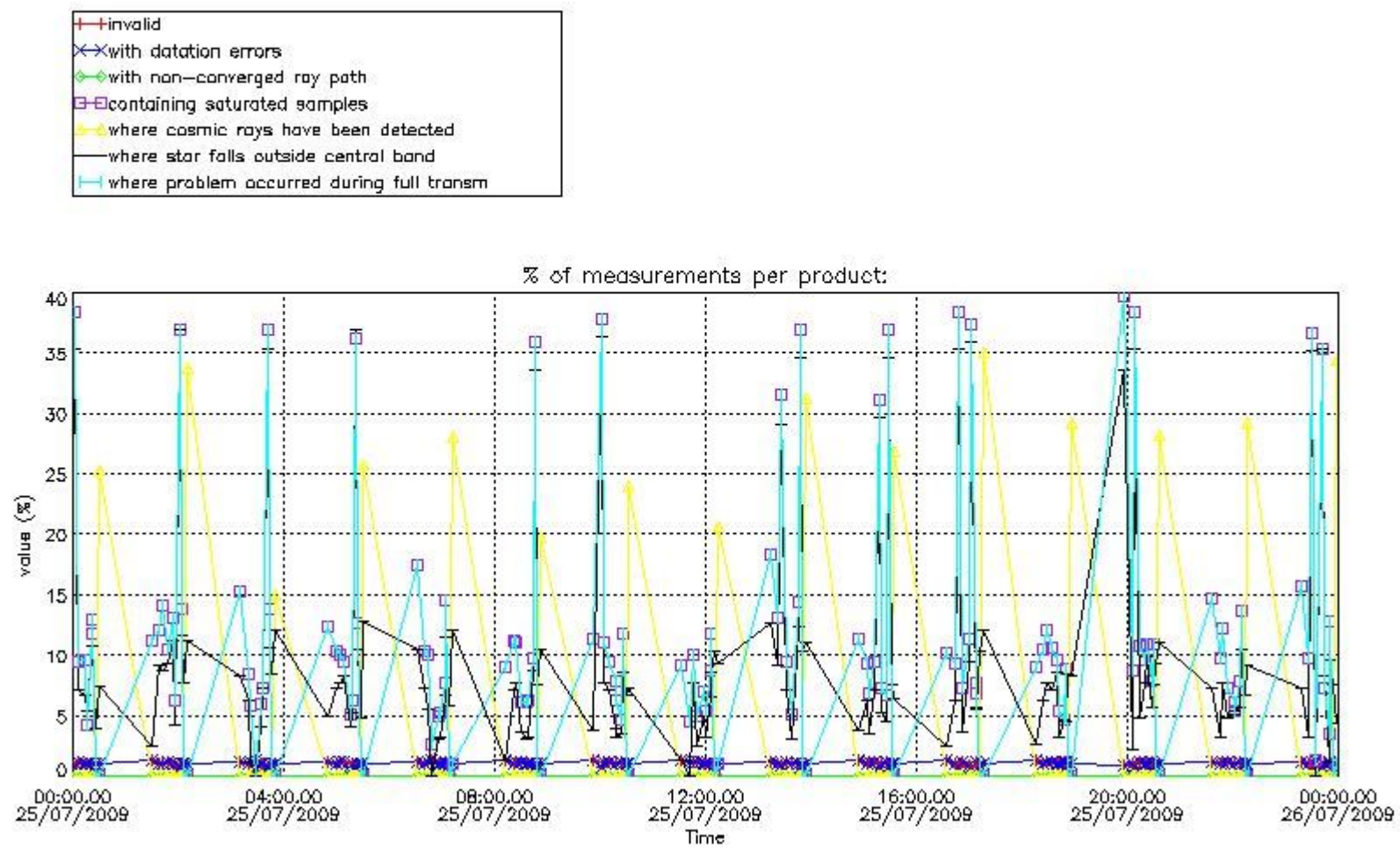
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

###### 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

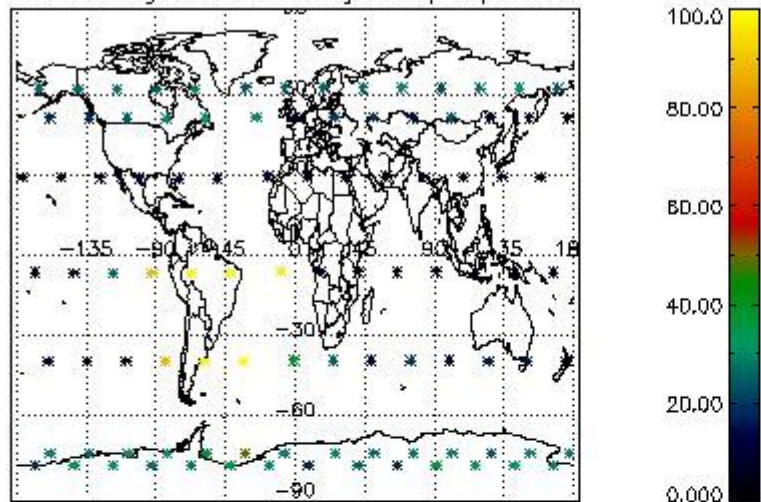




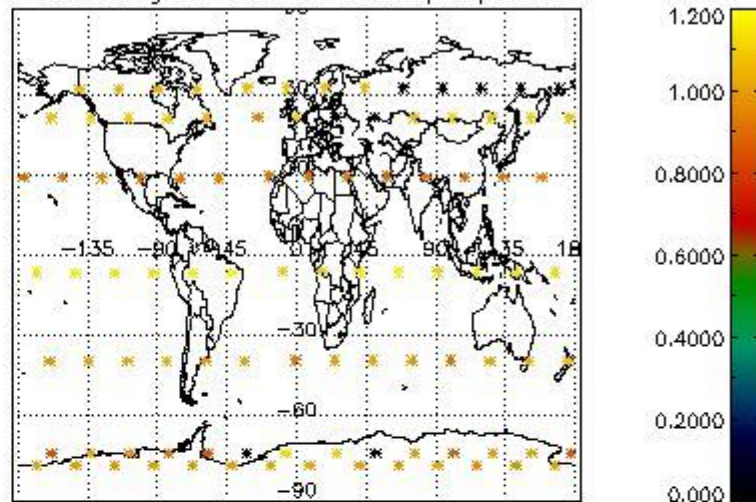
4.2 Plot quality information per product coming from level 1b processing (world map)

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

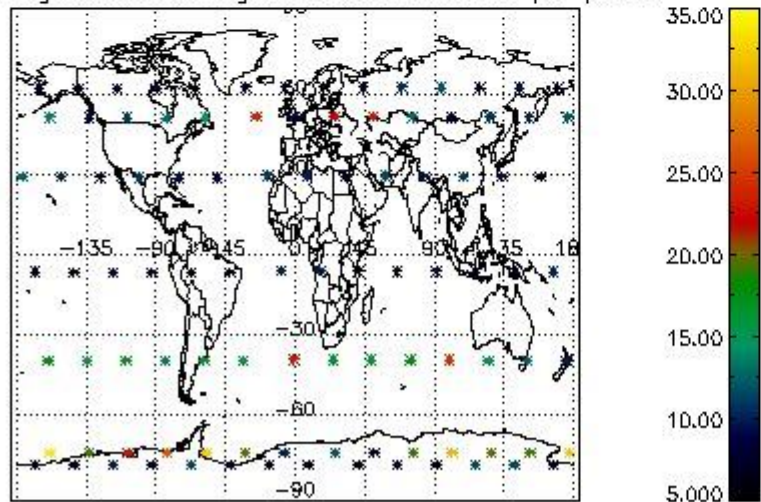
Percentage of cosmic ray hits per profile



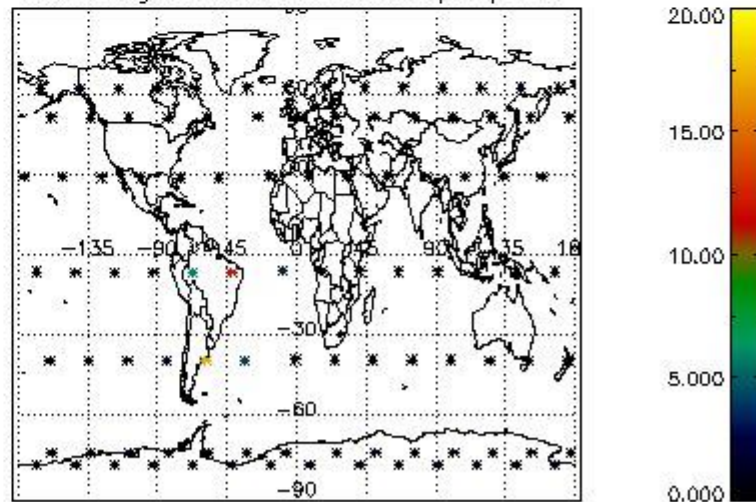
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

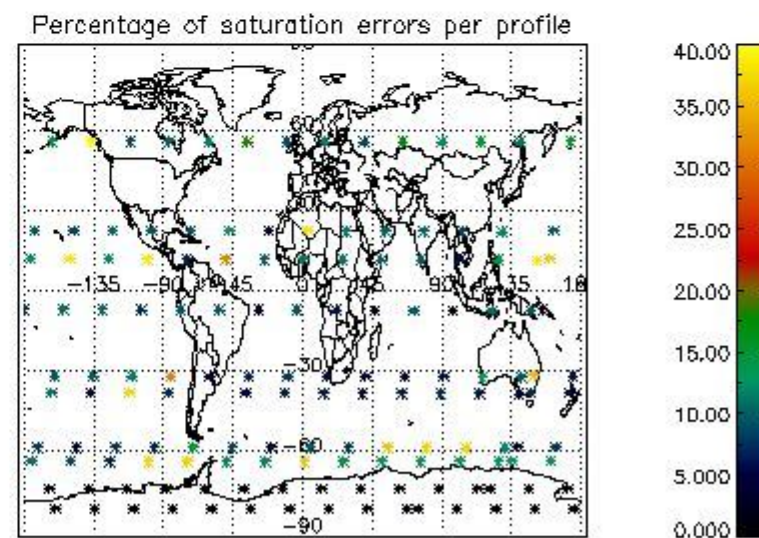
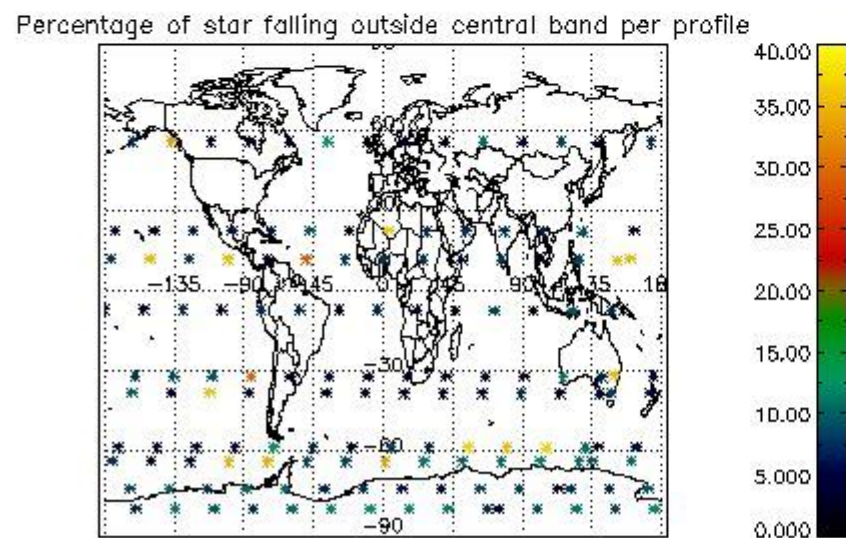
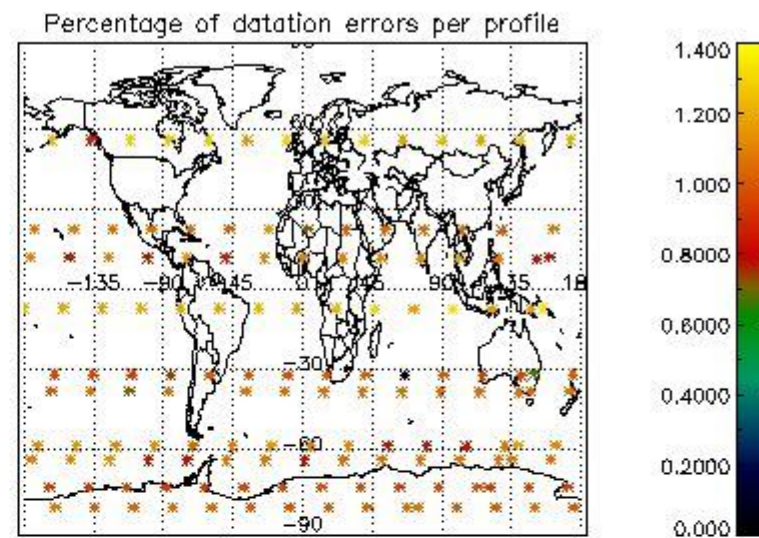
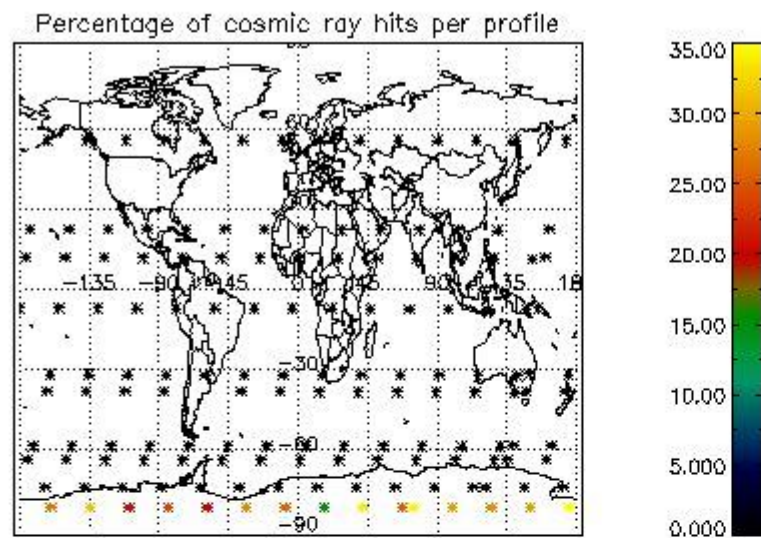


Percentage of saturation errors per profile



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

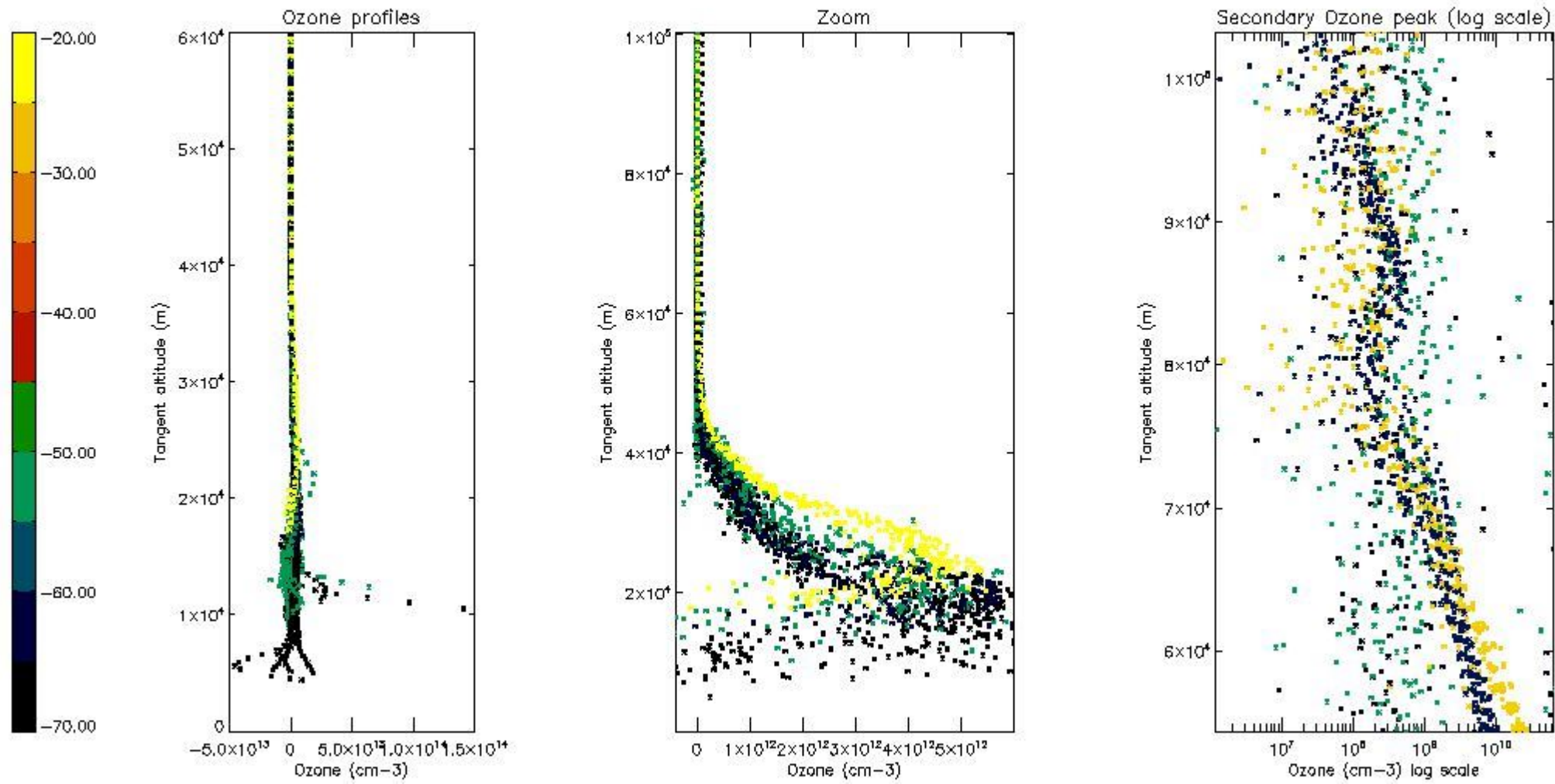
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	23
STD < 20	8

STD < 10	5
STD < 5	1

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

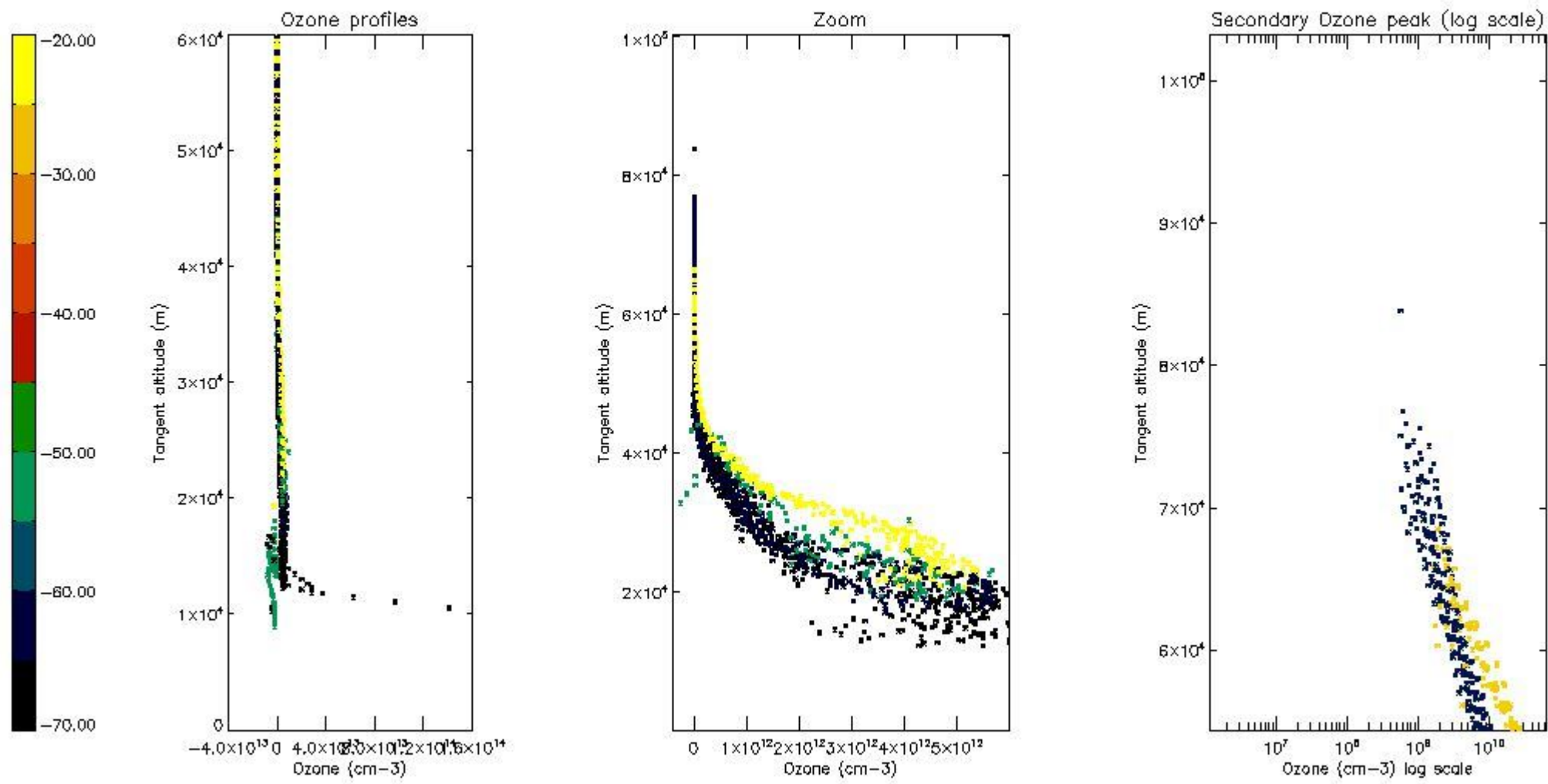
The colorbar represents the latitude.



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

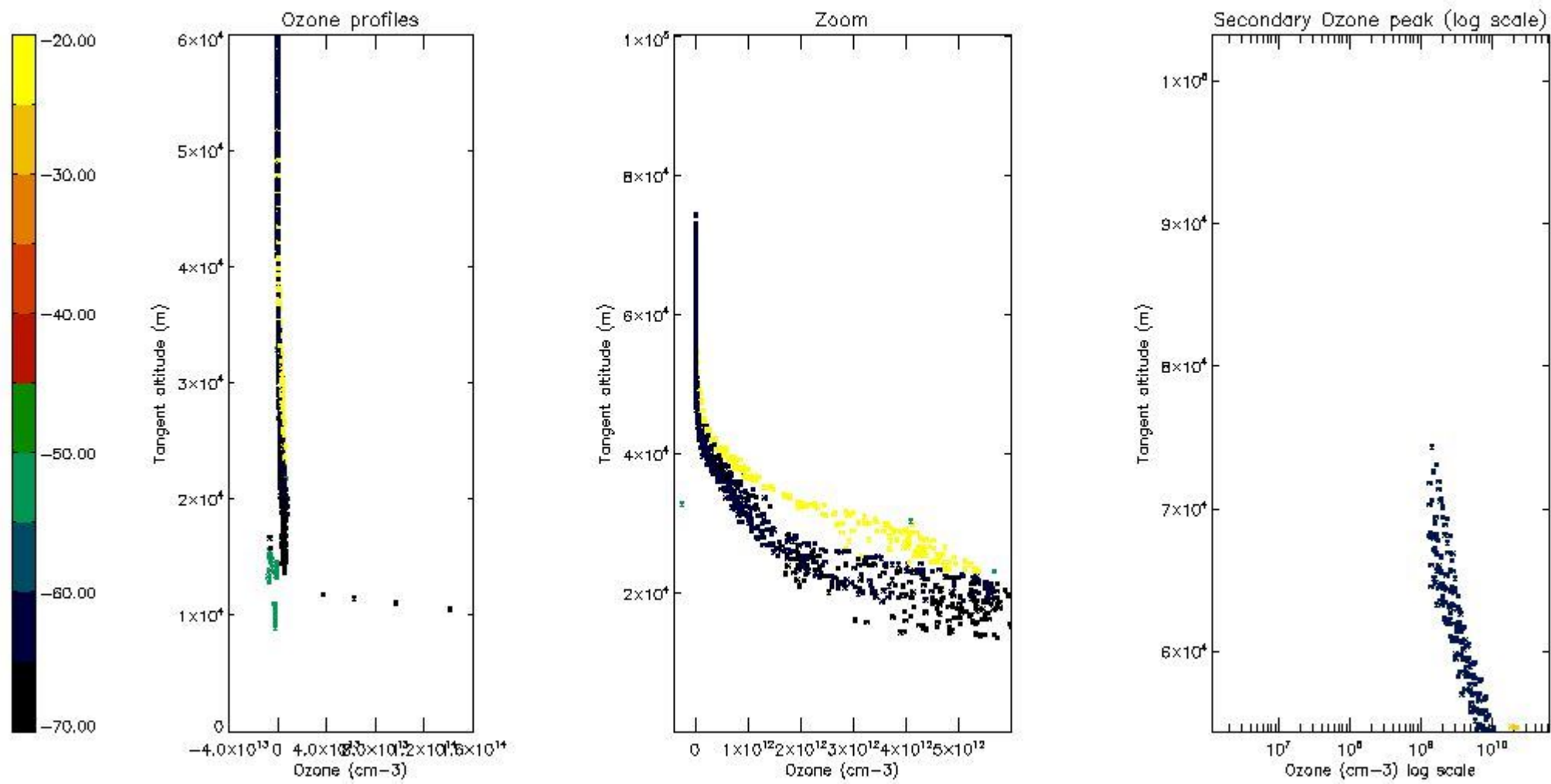
The colorbar represents the latitude.





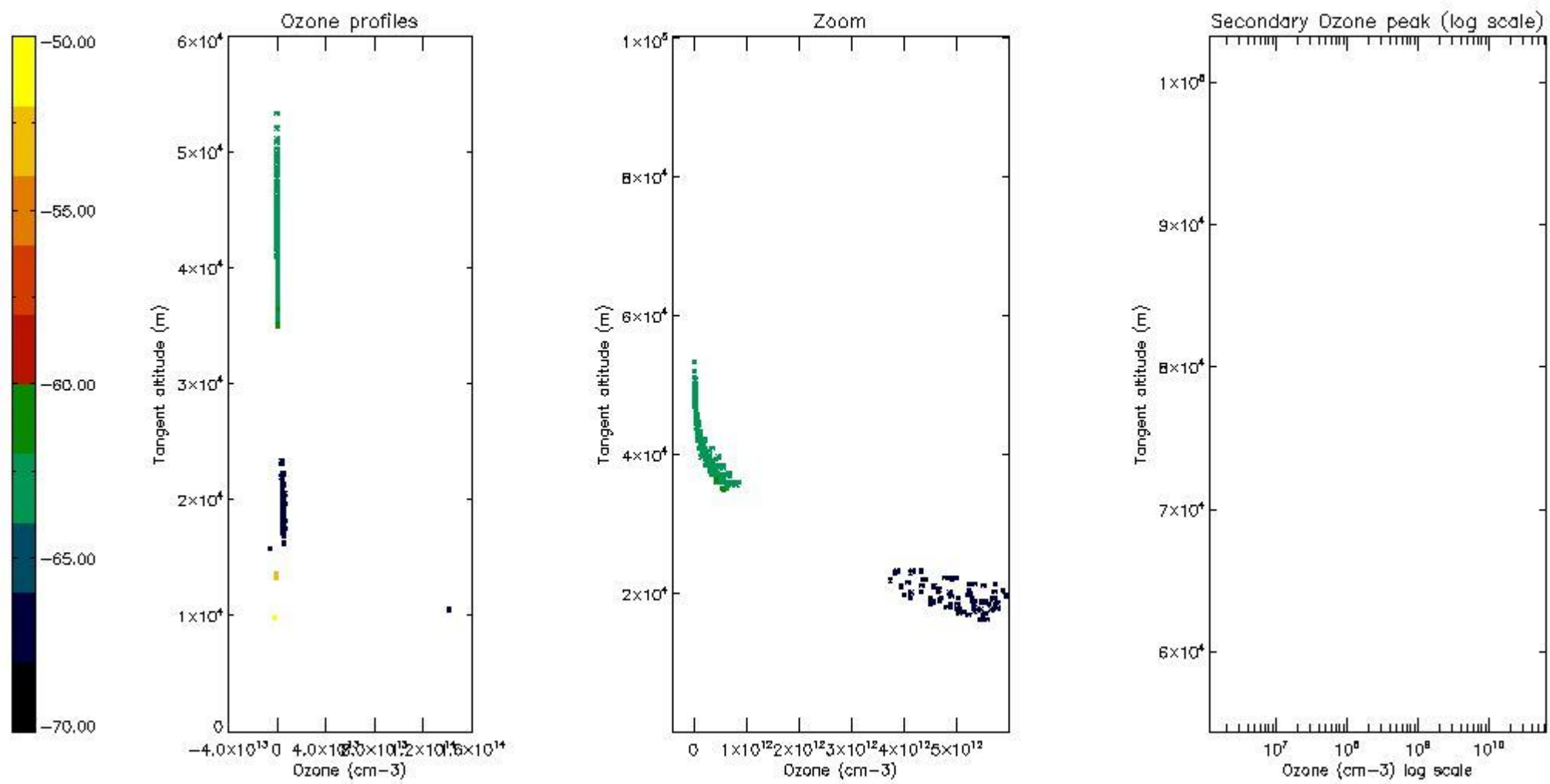
*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



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

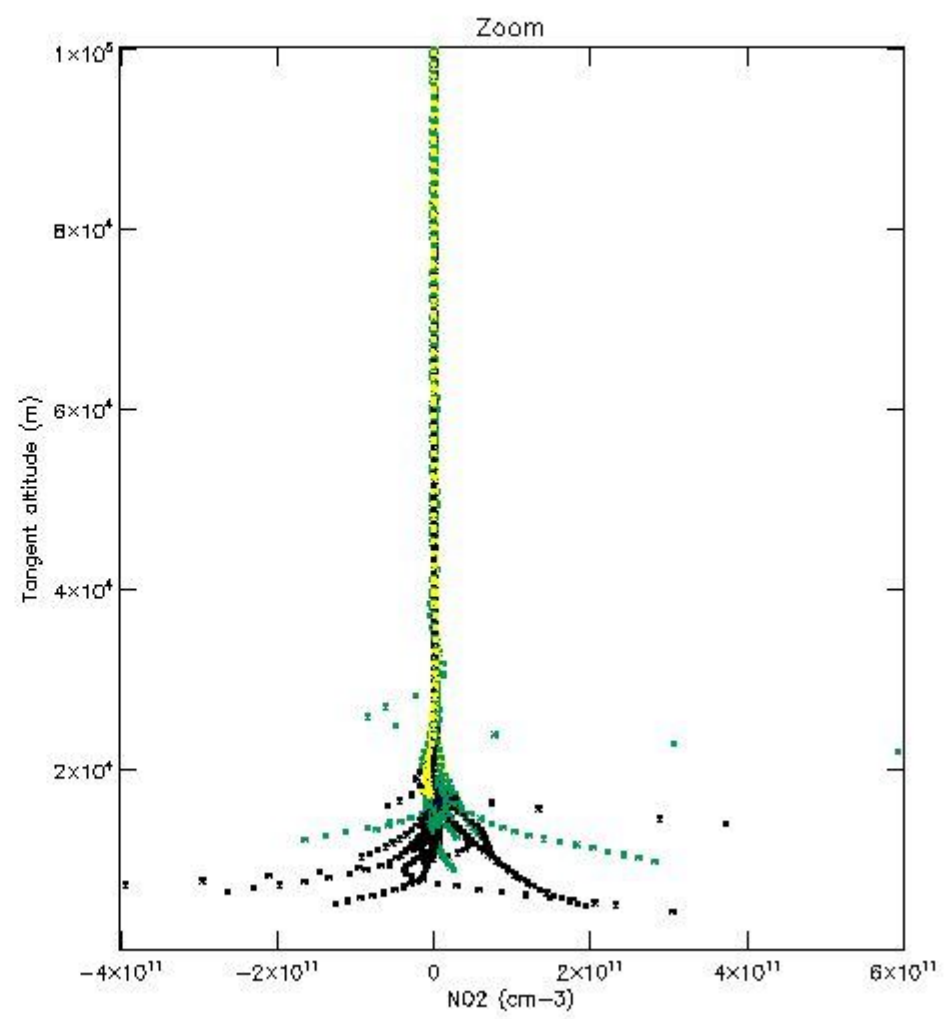
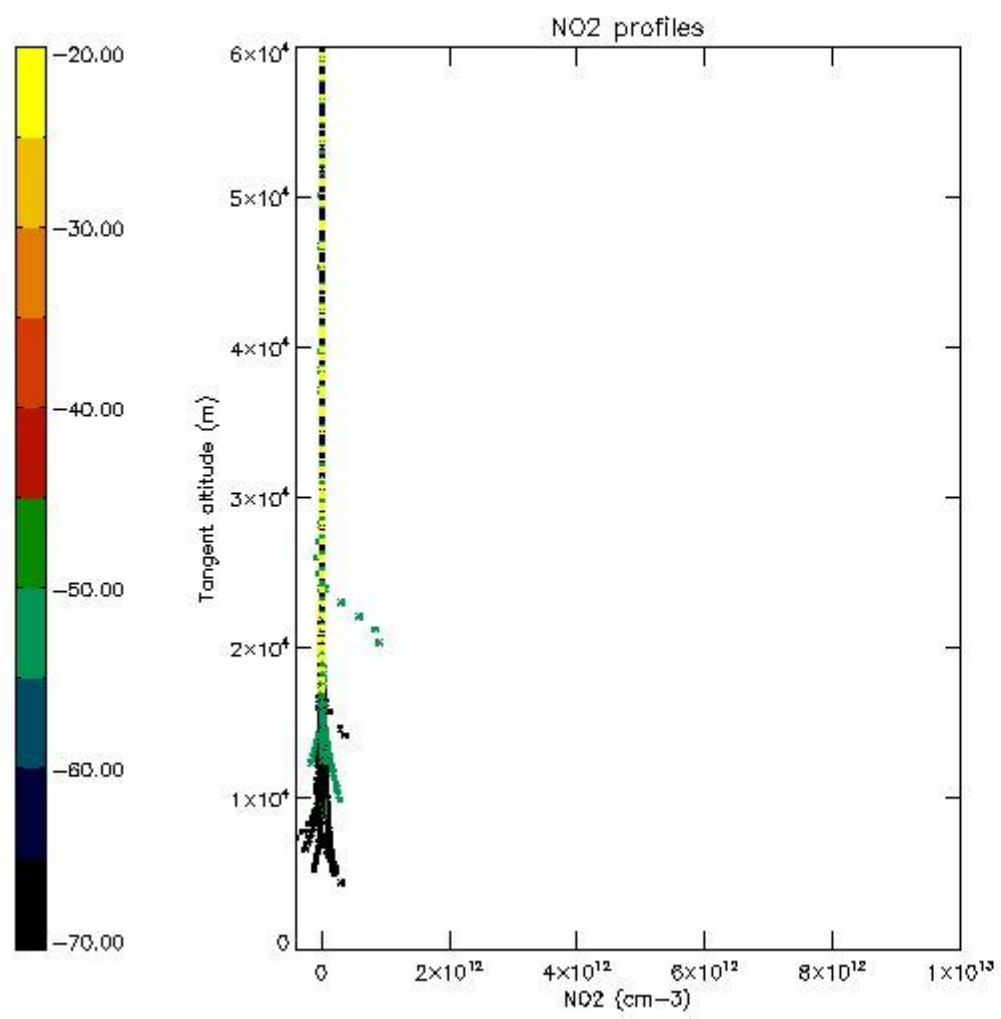
The colorbar represents the latitude.



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

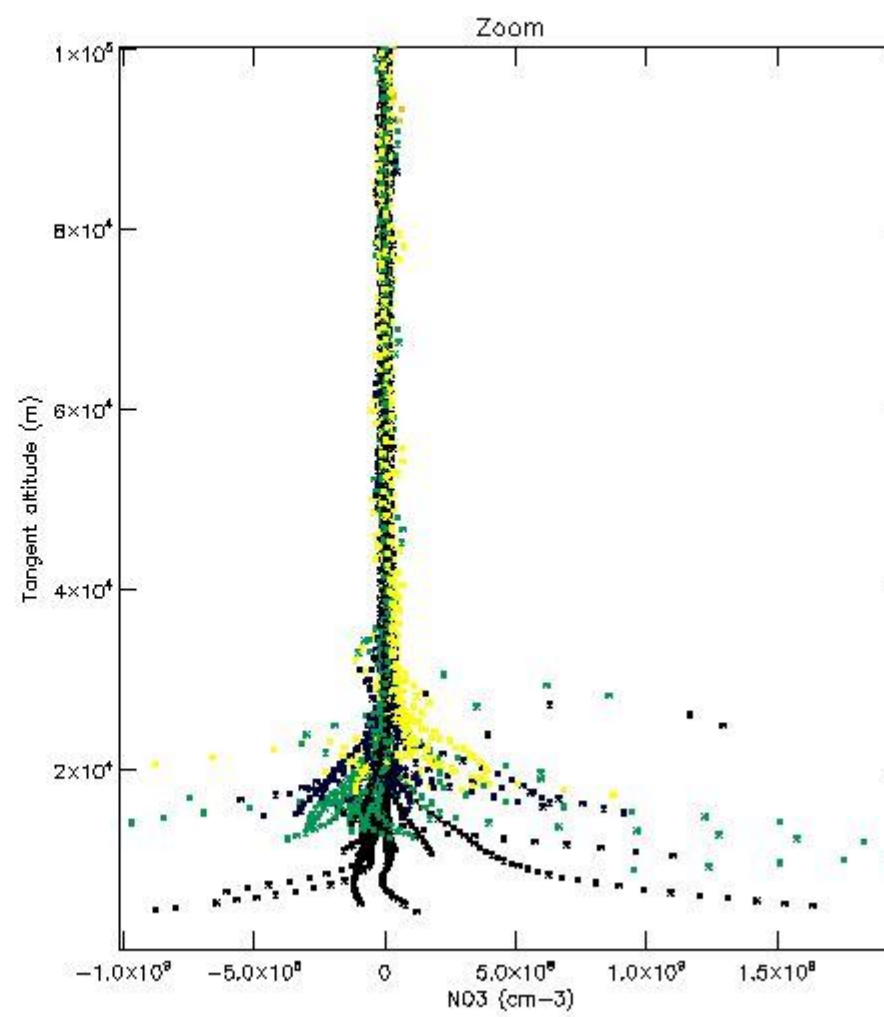
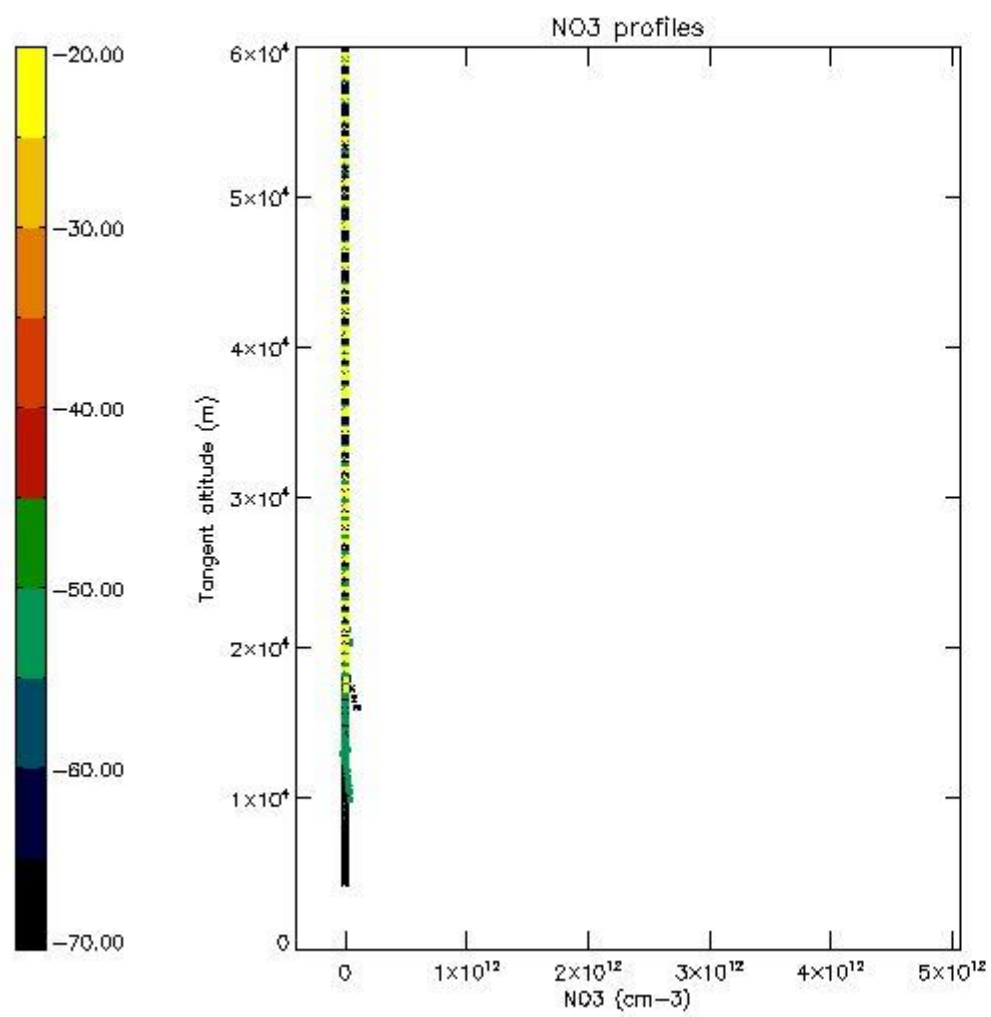
The colorbar represents the latitude.





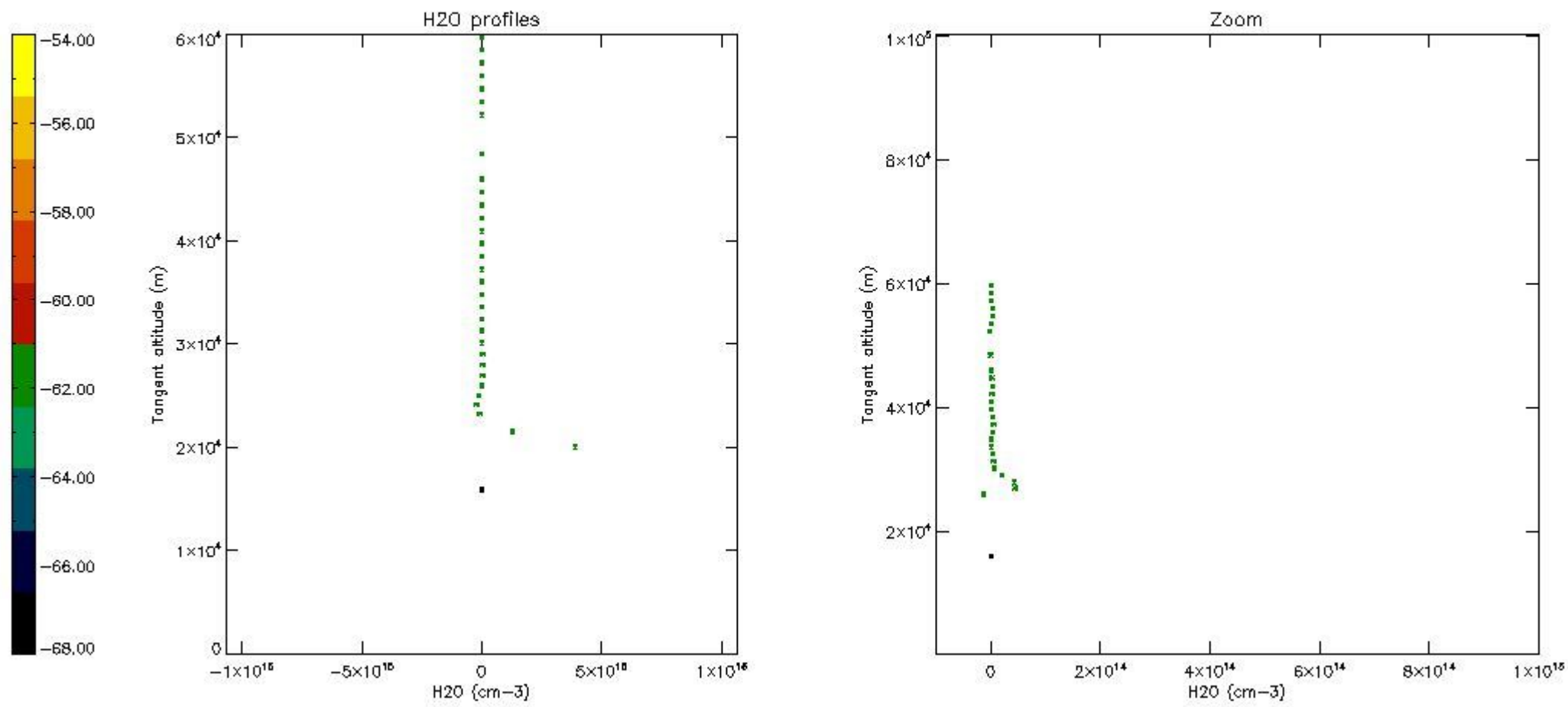
*5.7 Plot NO3 profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

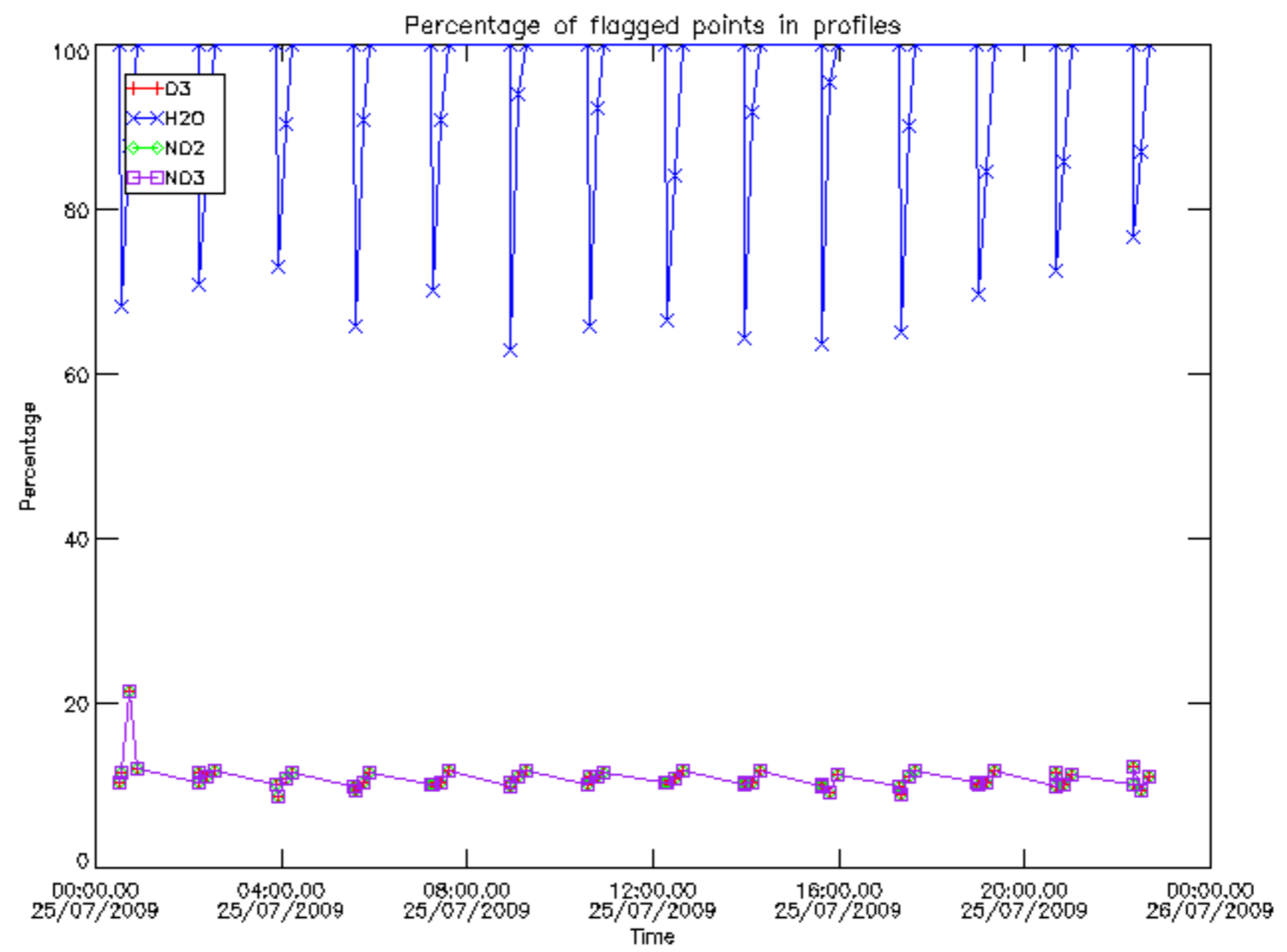
The colorbar represents the latitude.



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

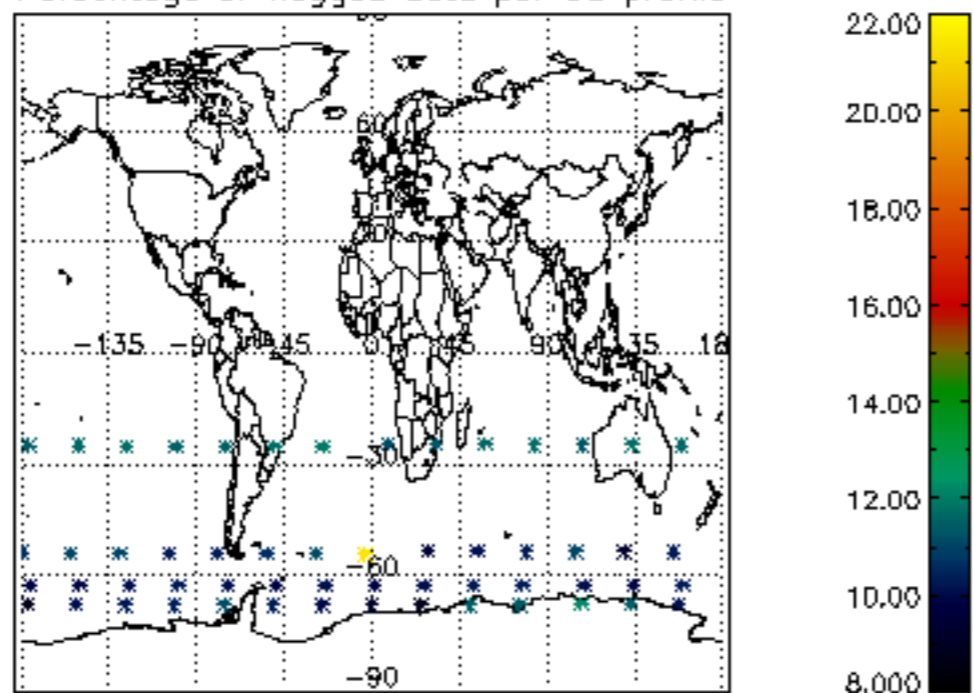
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	25-JUL-2009 00:01:15
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	25-JUL-2009 00:01:15
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	25-JUL-2009 00:01:15

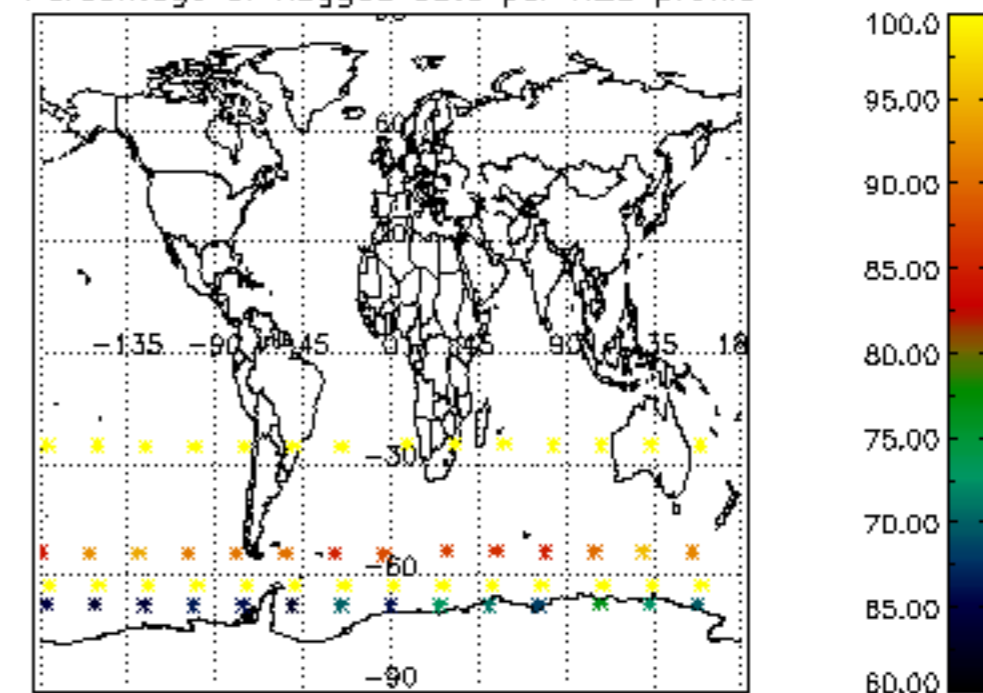




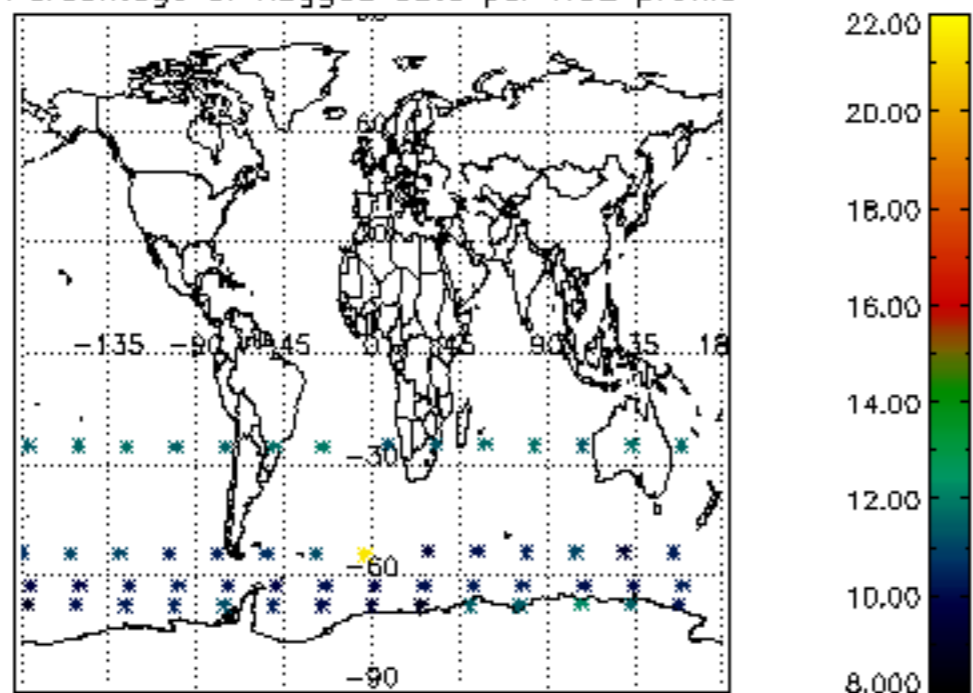
Percentage of flagged data per D3 profile



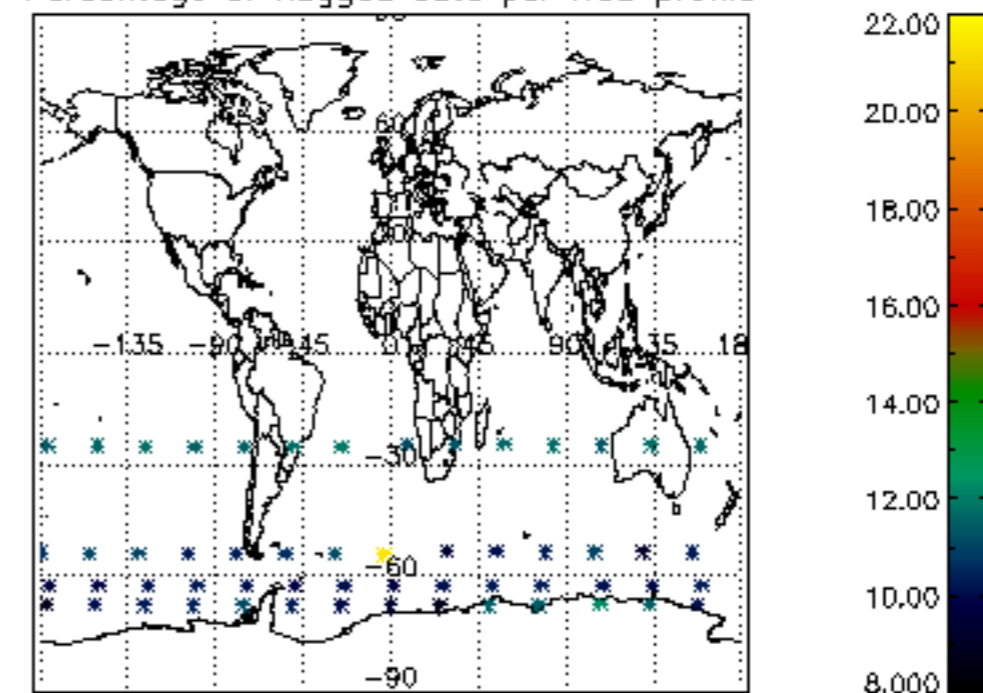
Percentage of flagged data per H2O profile

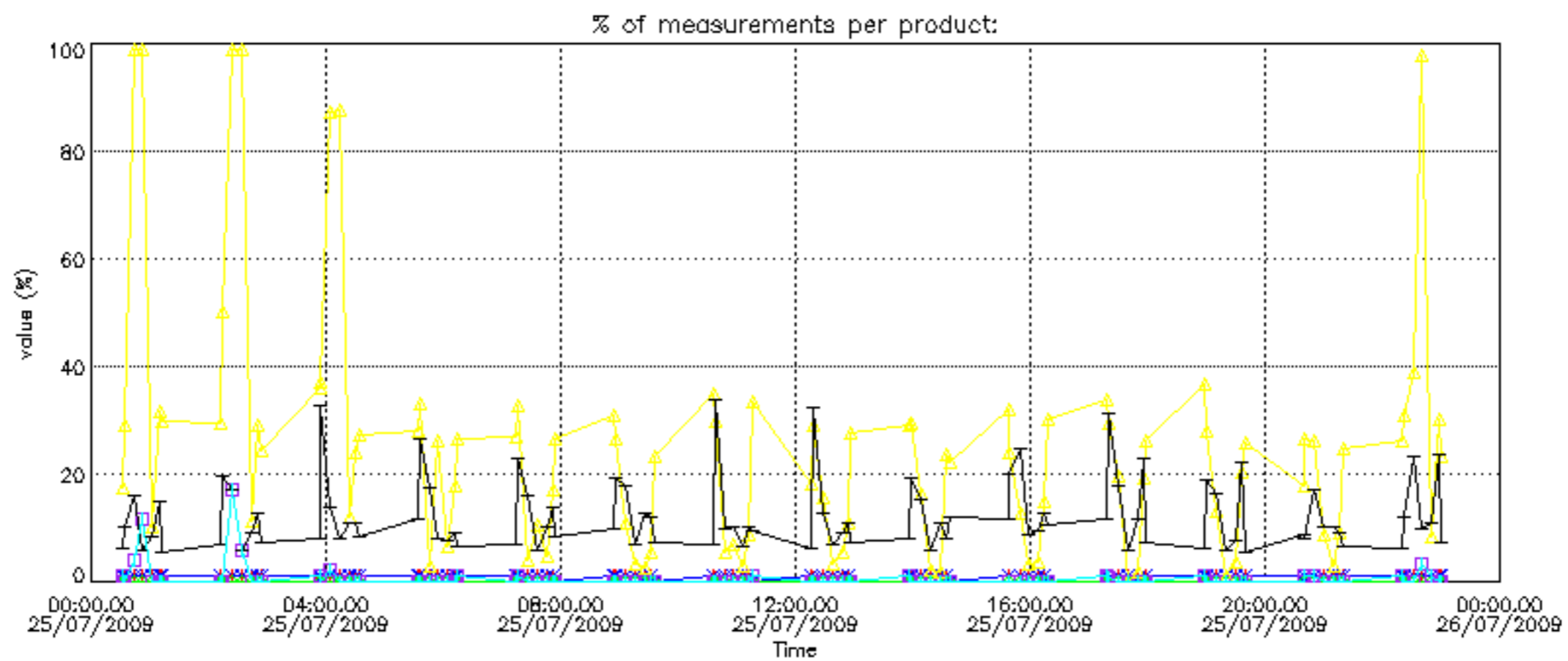


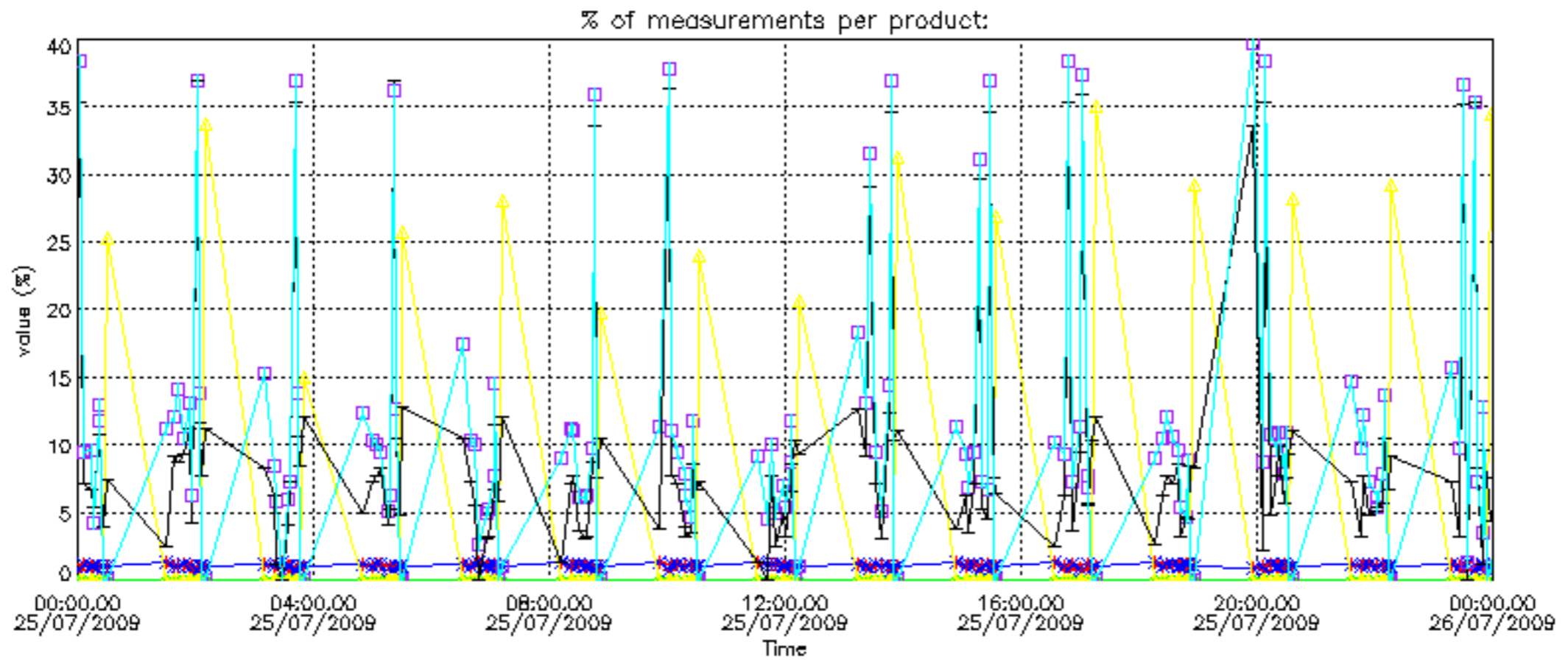
Percentage of flagged data per NO2 profile



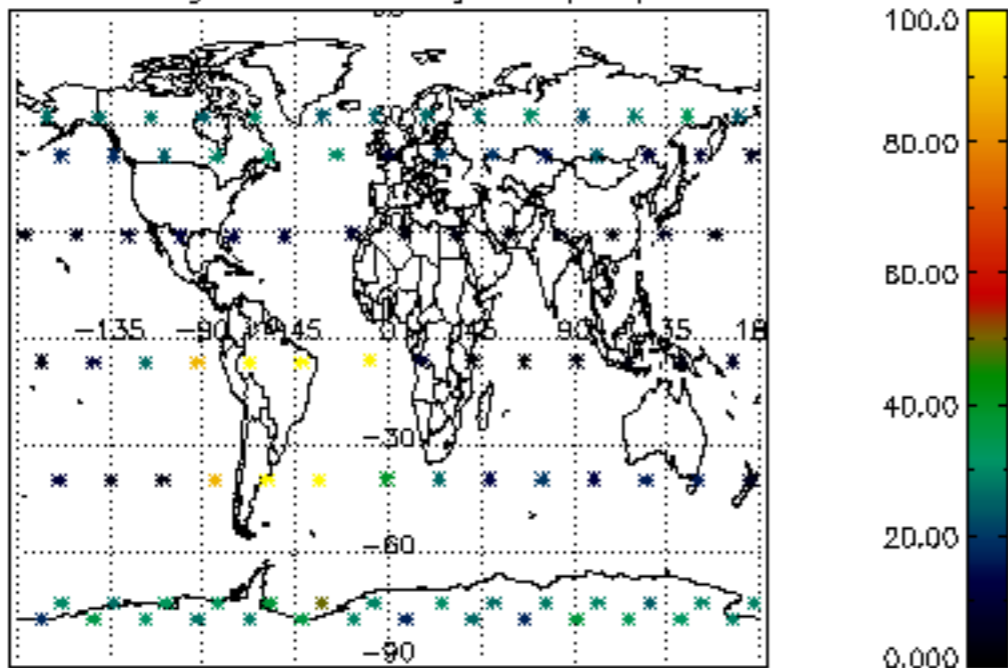
Percentage of flagged data per NO3 profile



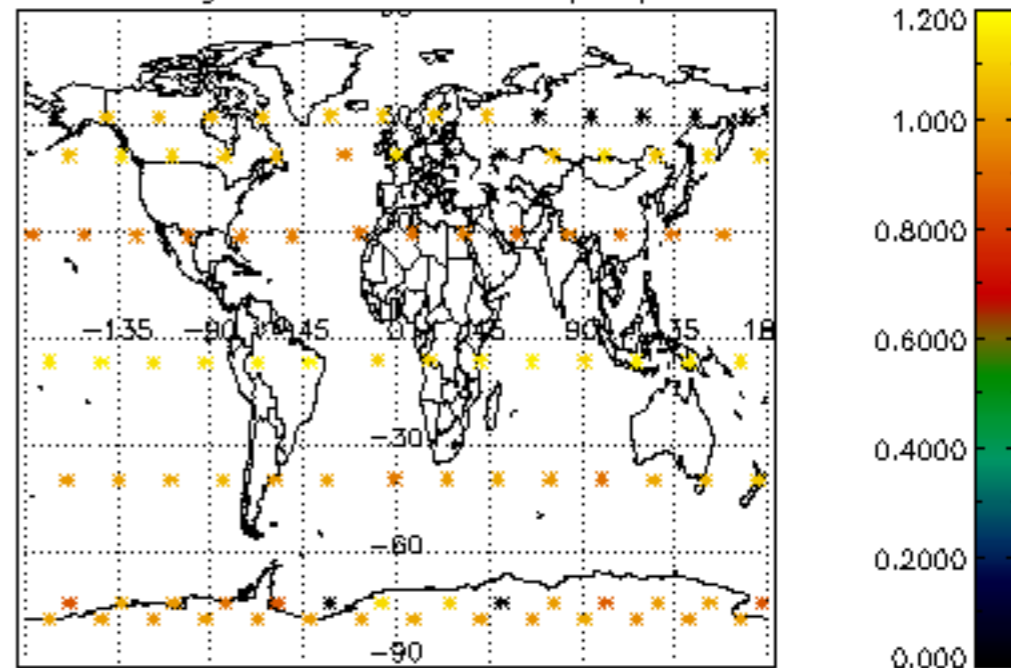




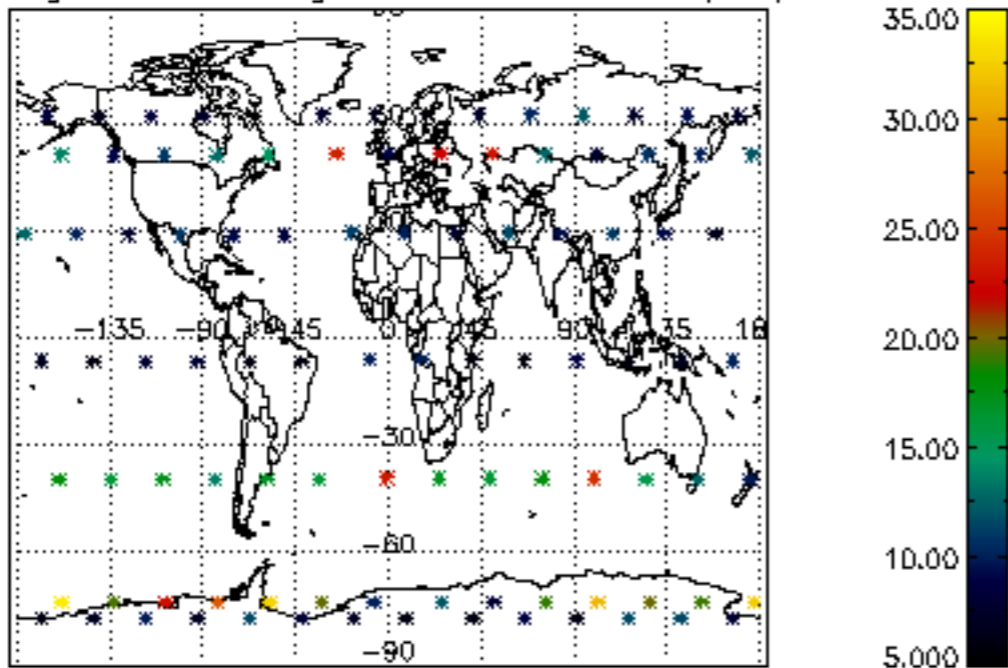
Percentage of cosmic ray hits per profile



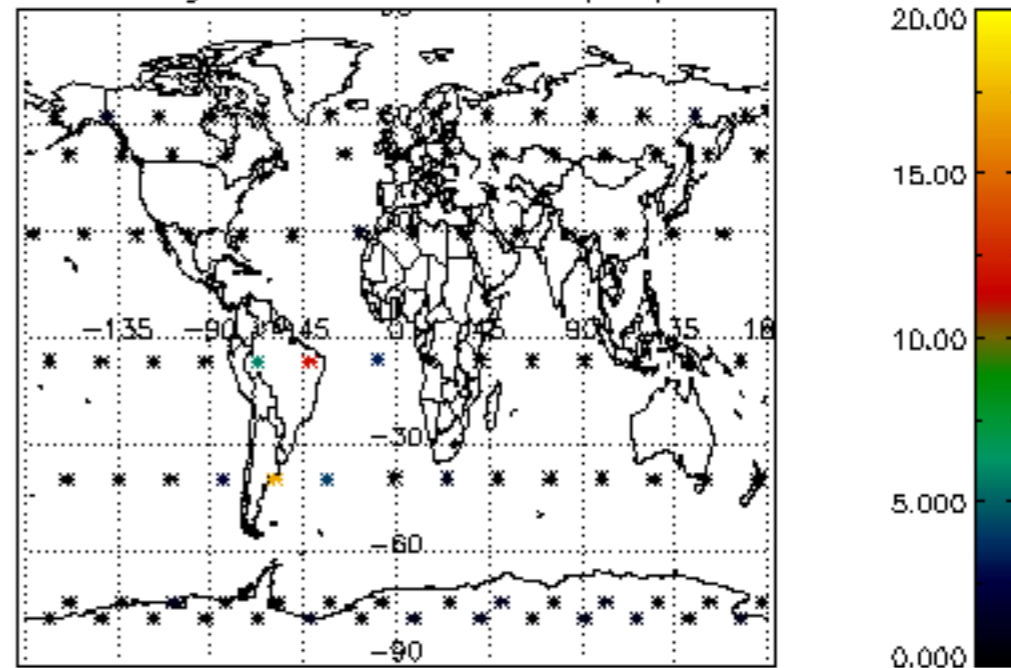
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

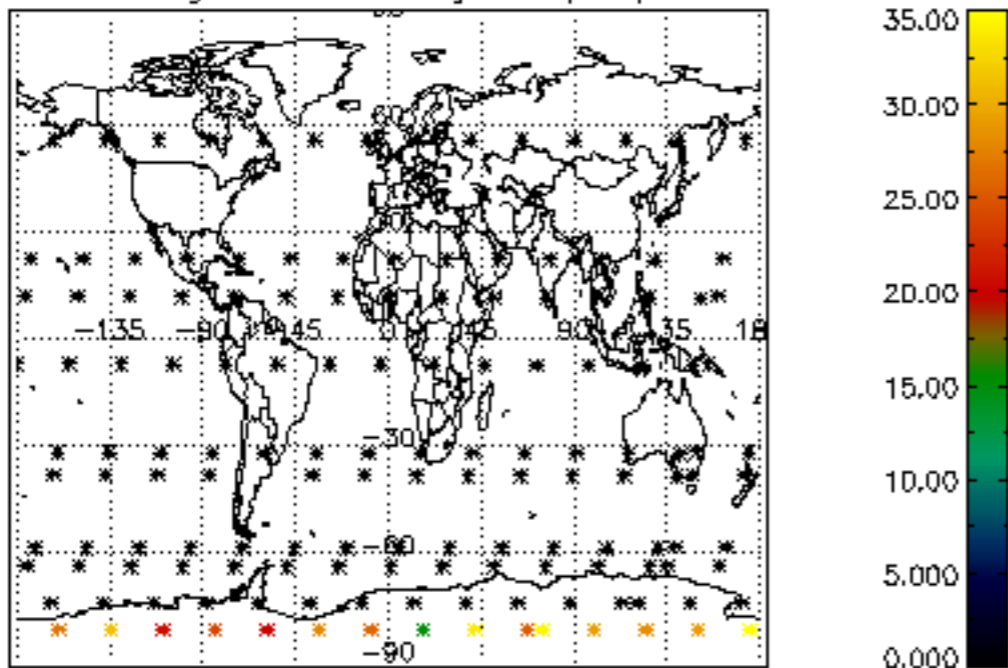


Percentage of saturation errors per profile

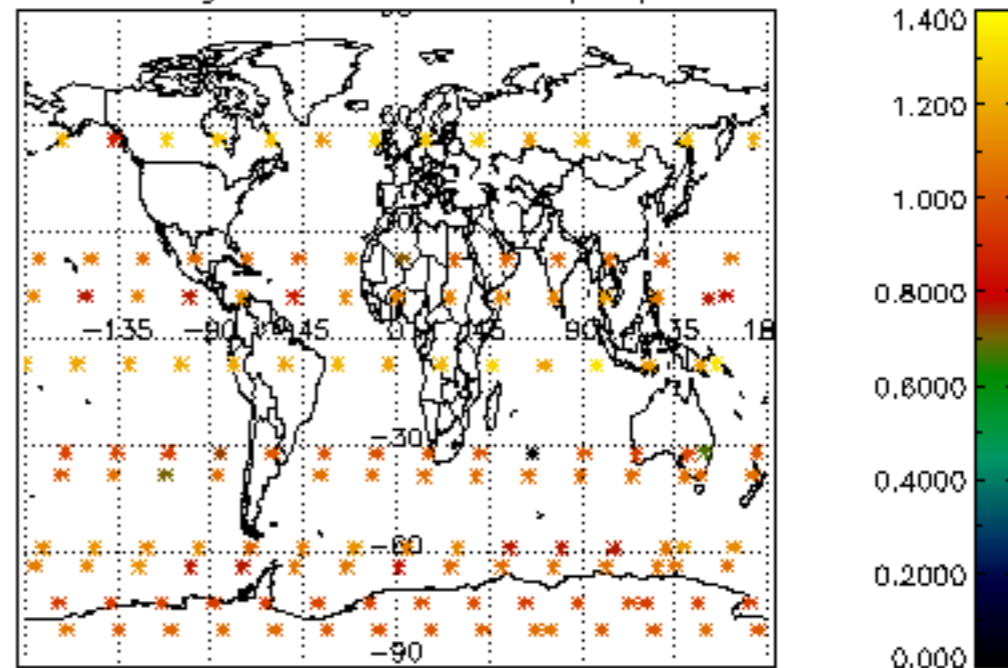




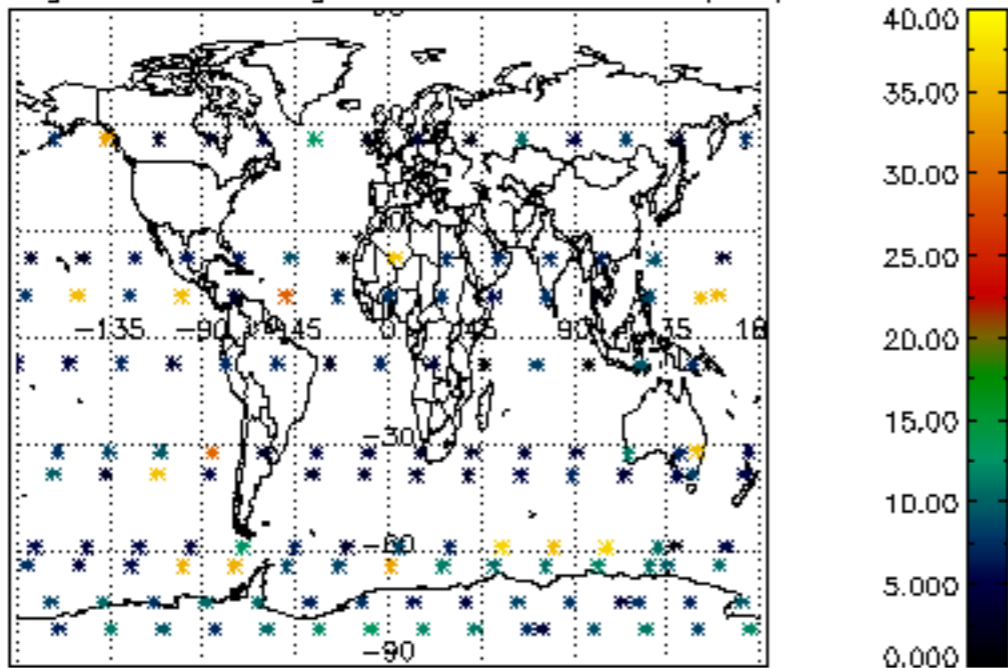
Percentage of cosmic ray hits per profile



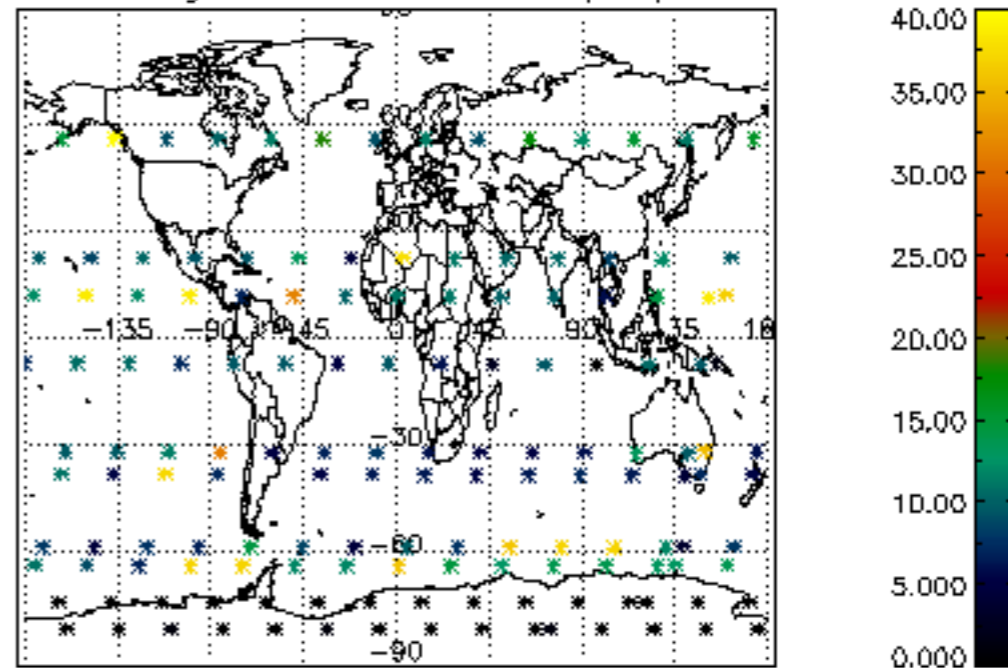
Percentage of datation errors per profile

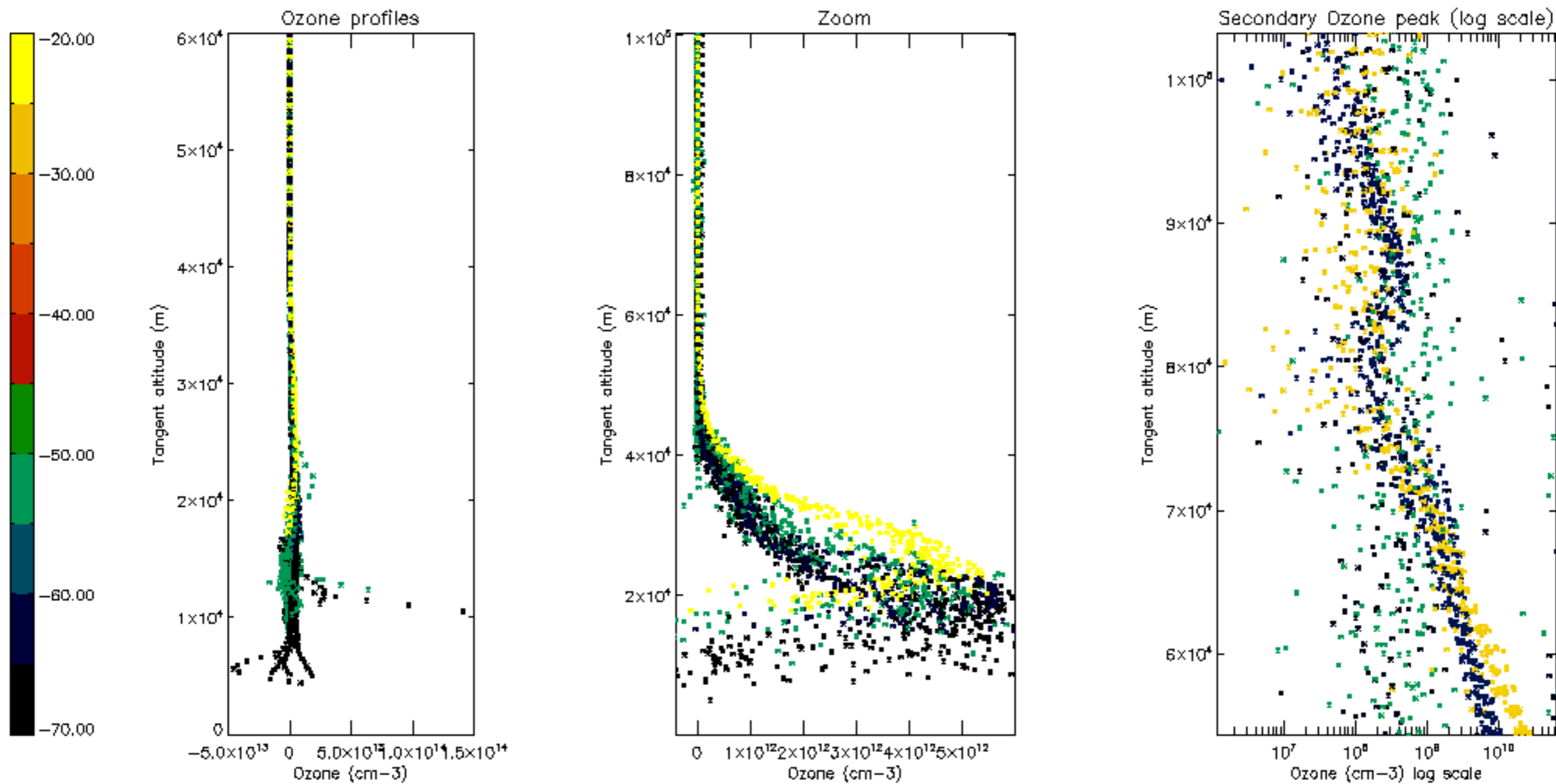


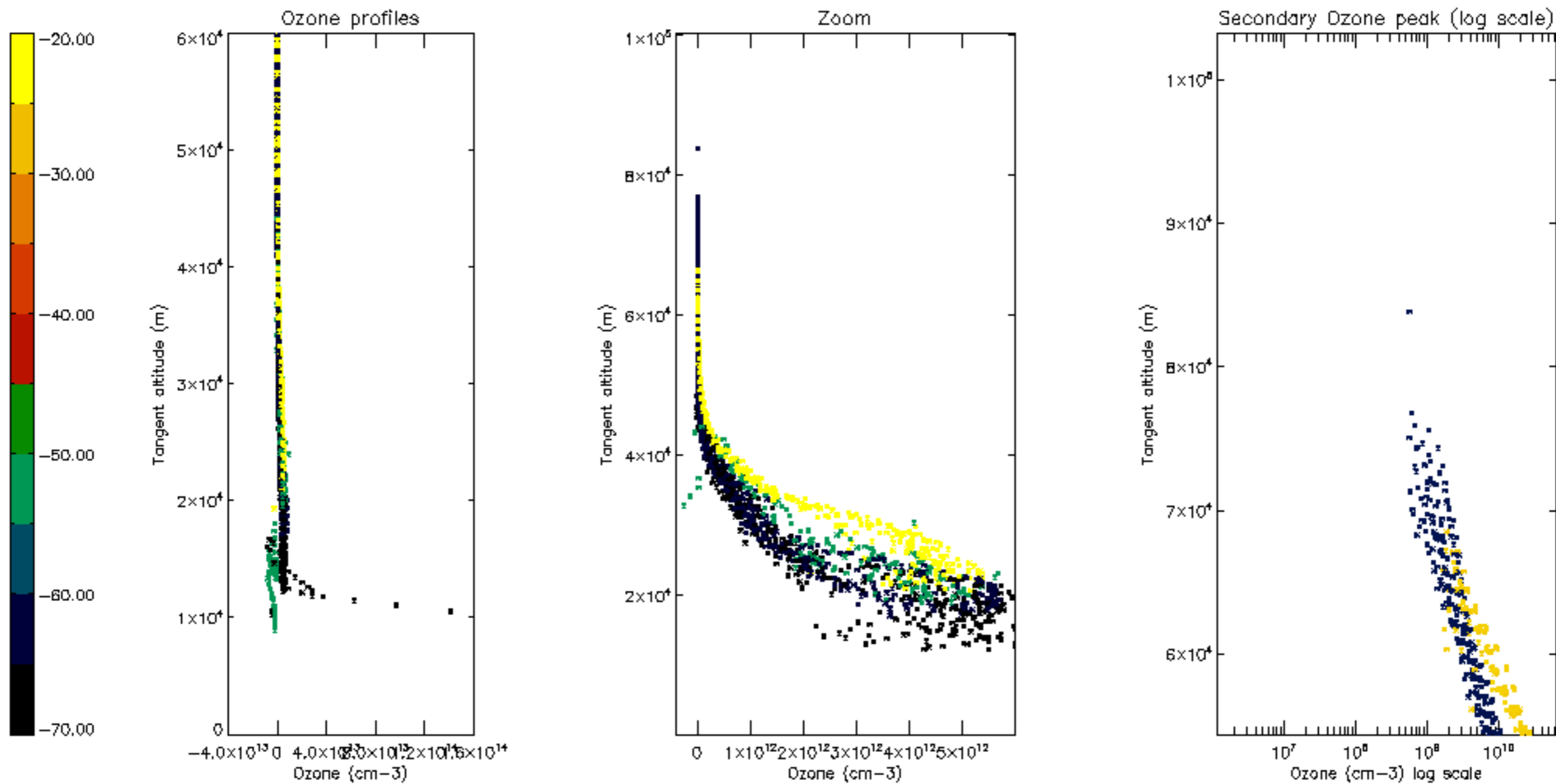
Percentage of star falling outside central band per profile

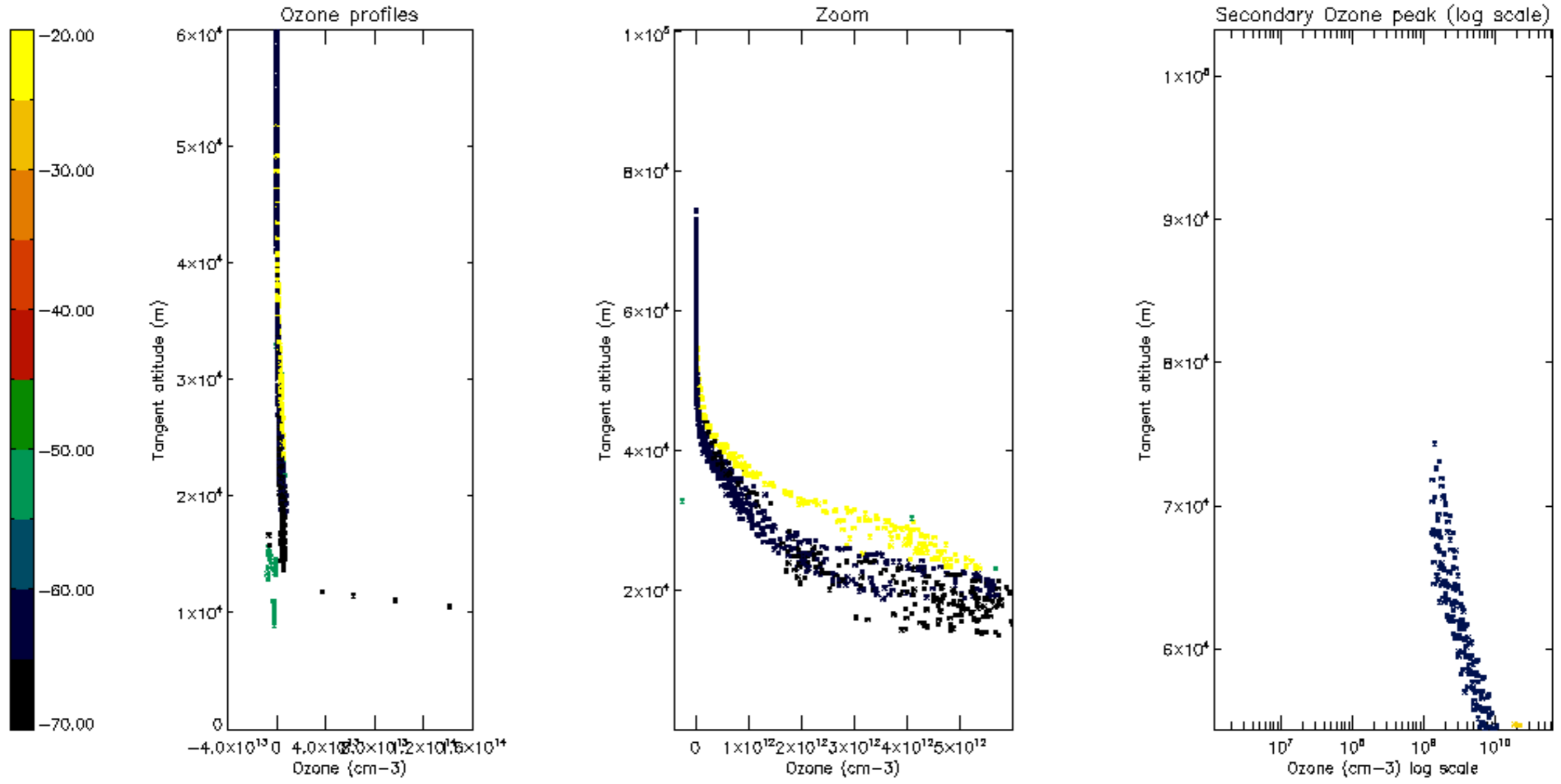


Percentage of saturation errors per profile

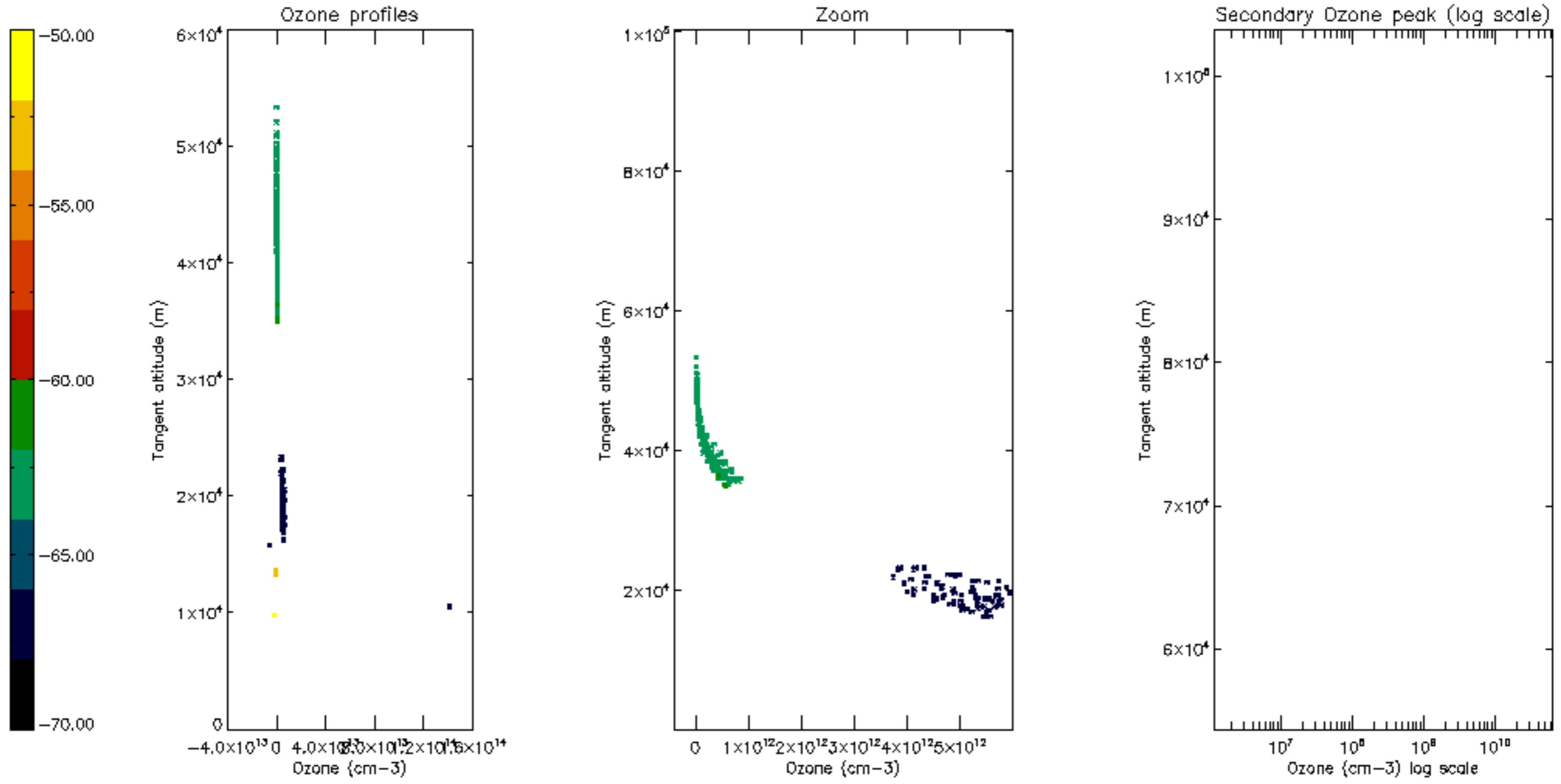


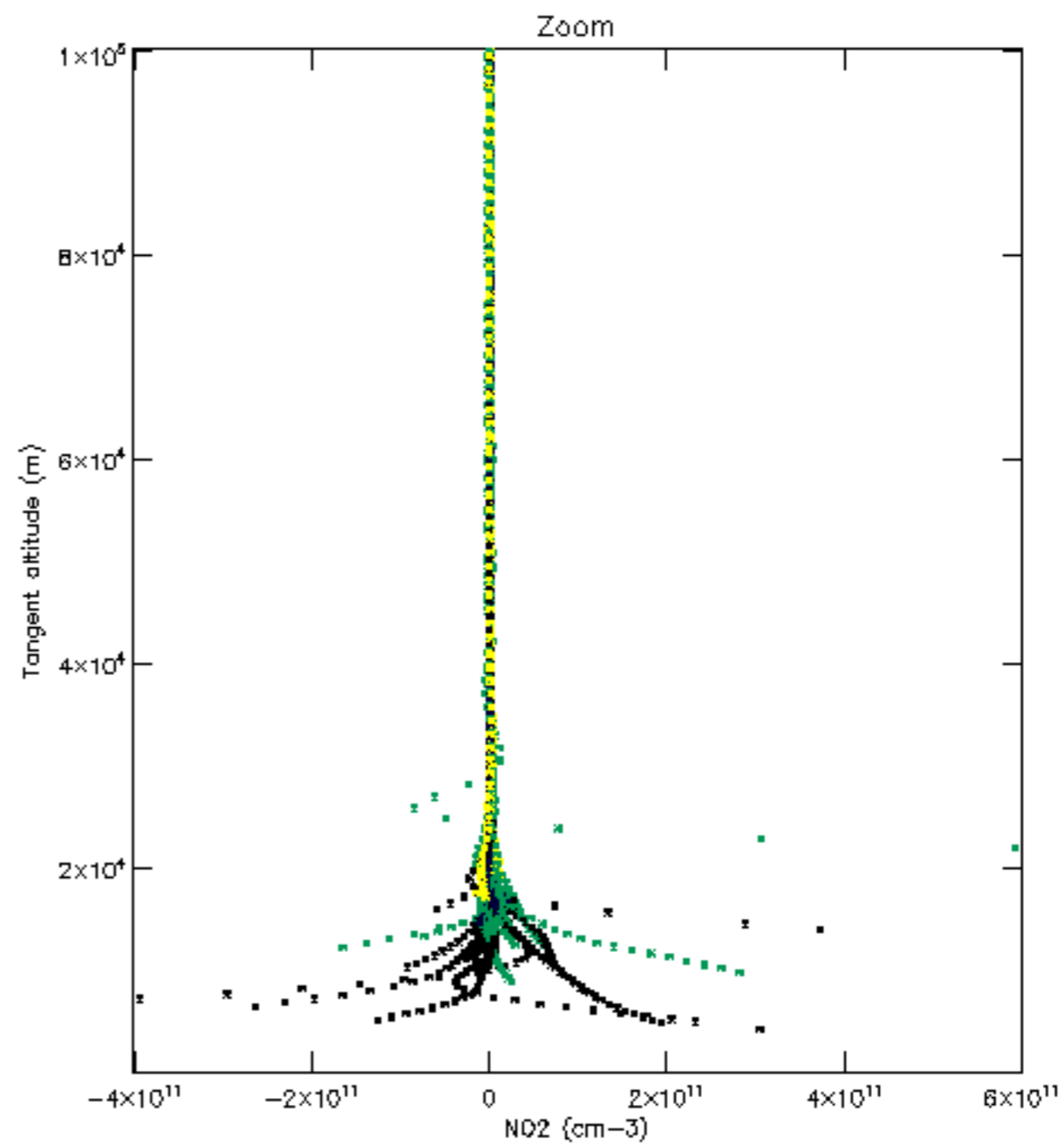
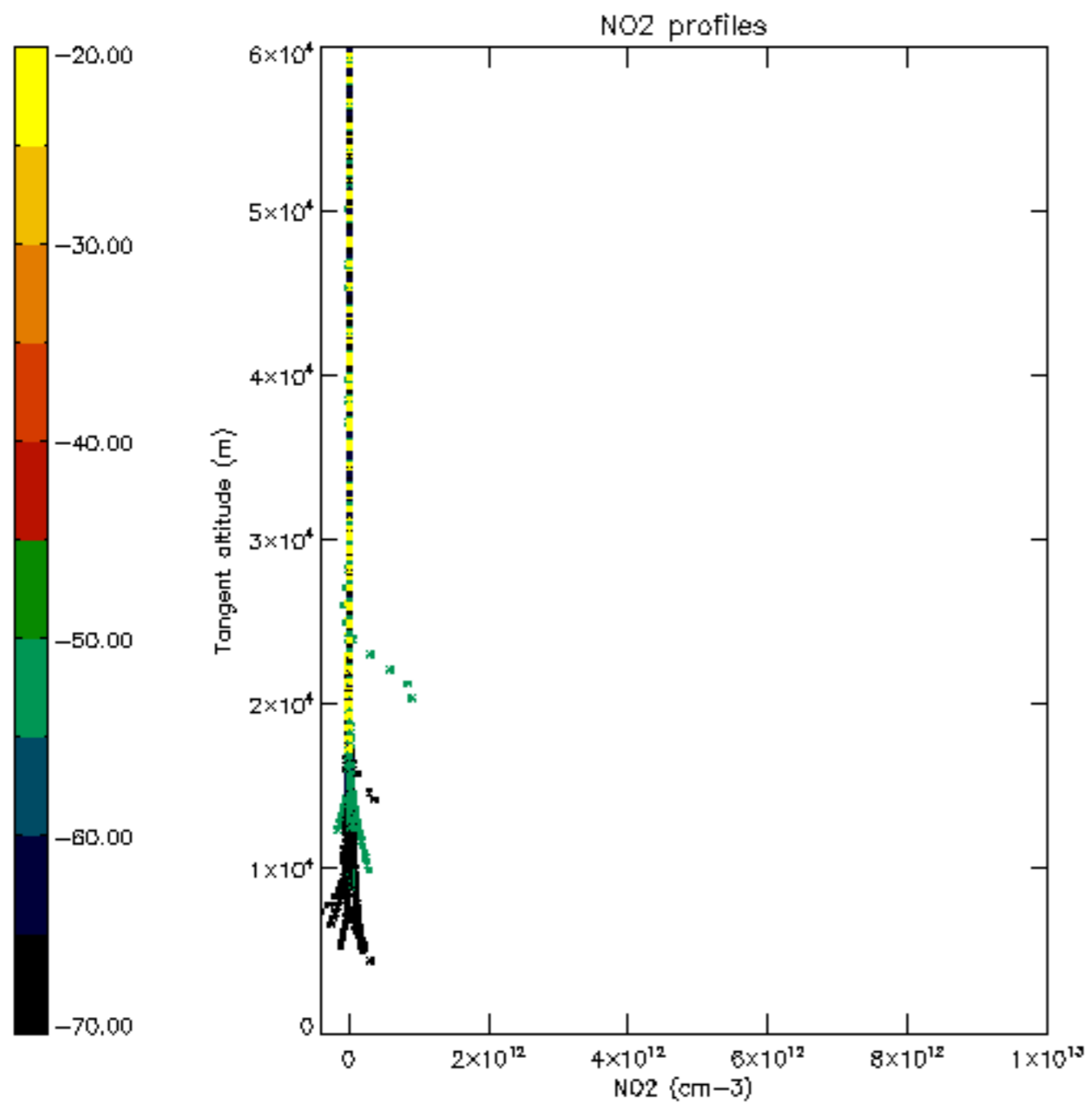


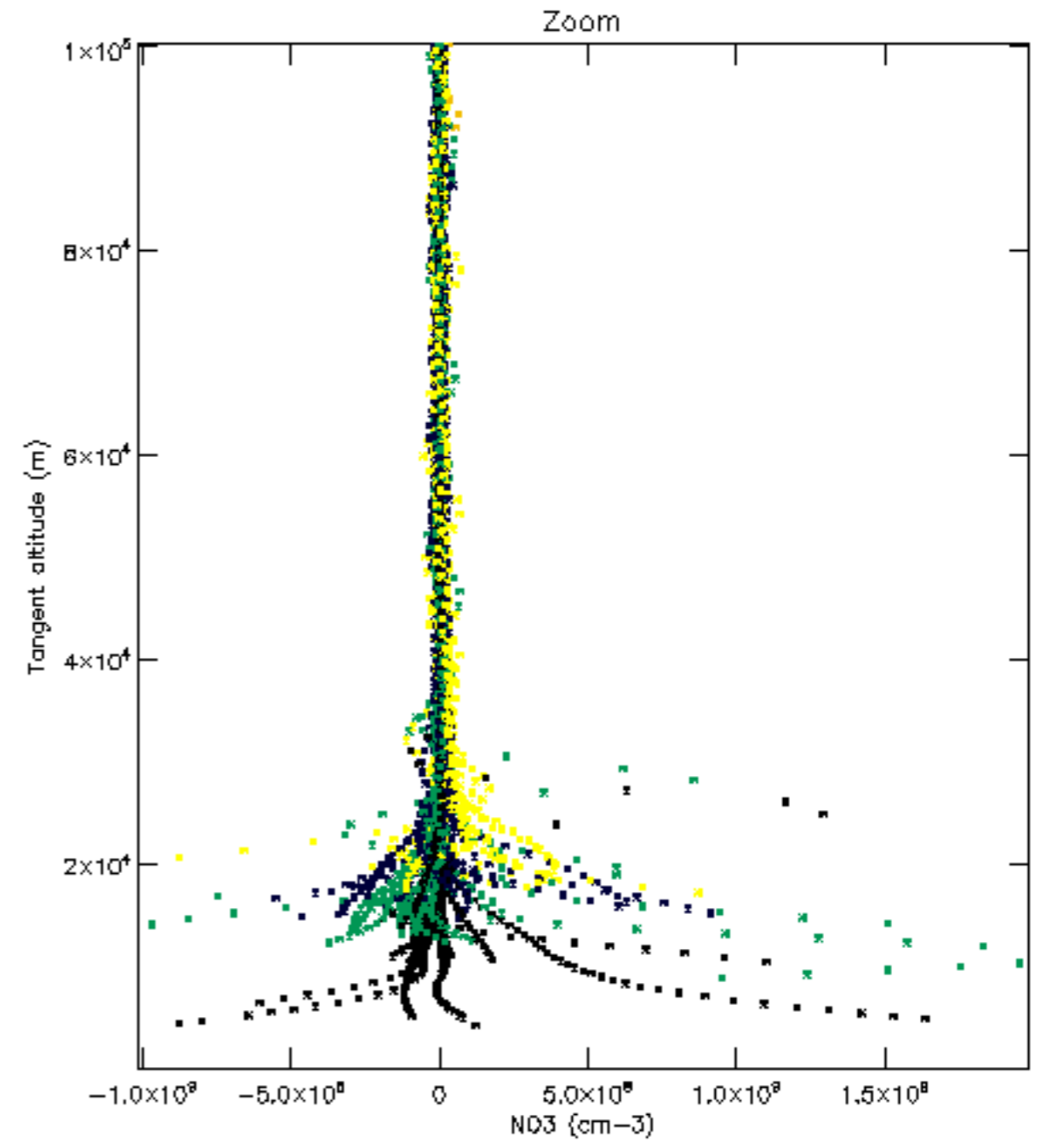
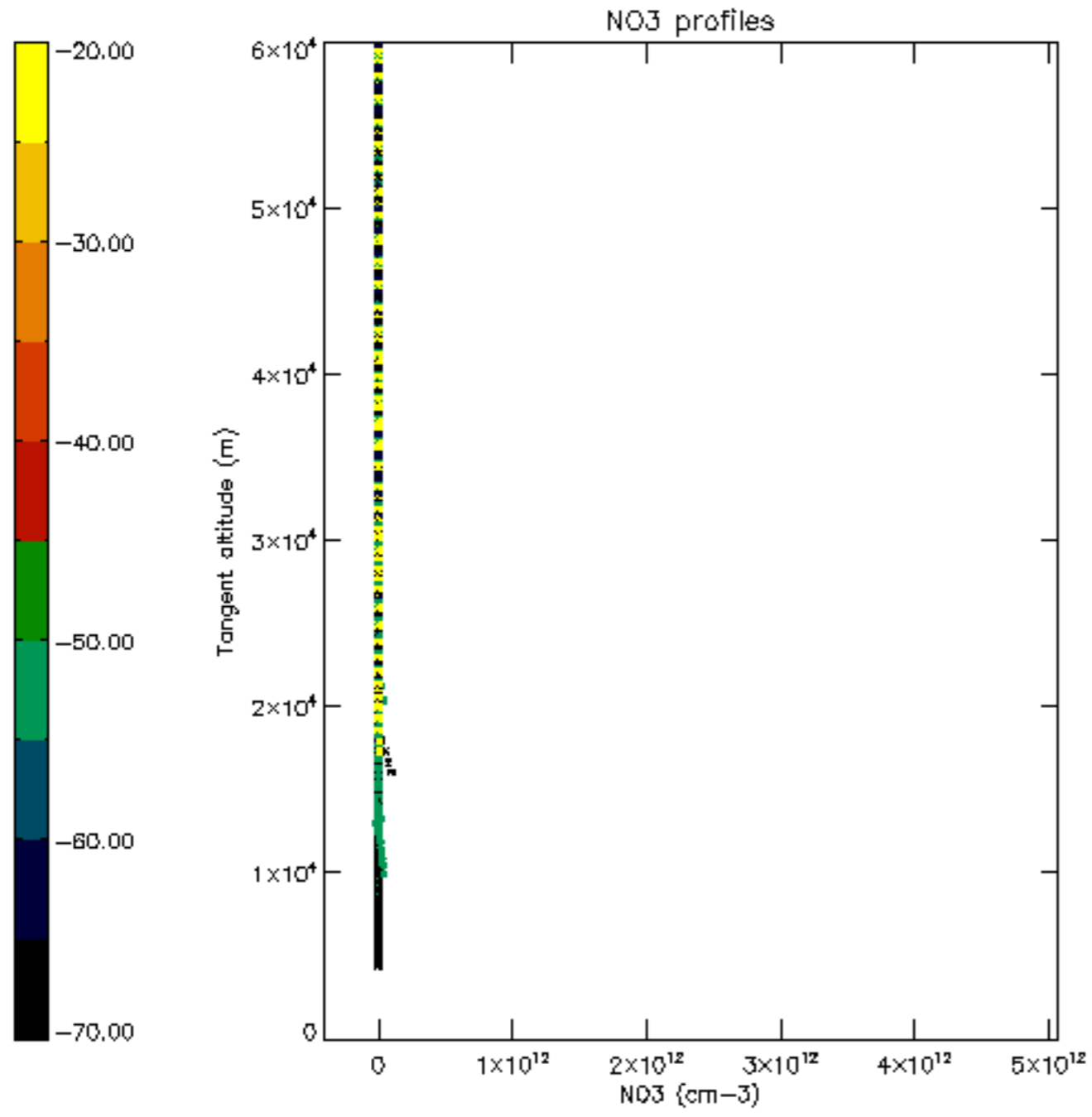


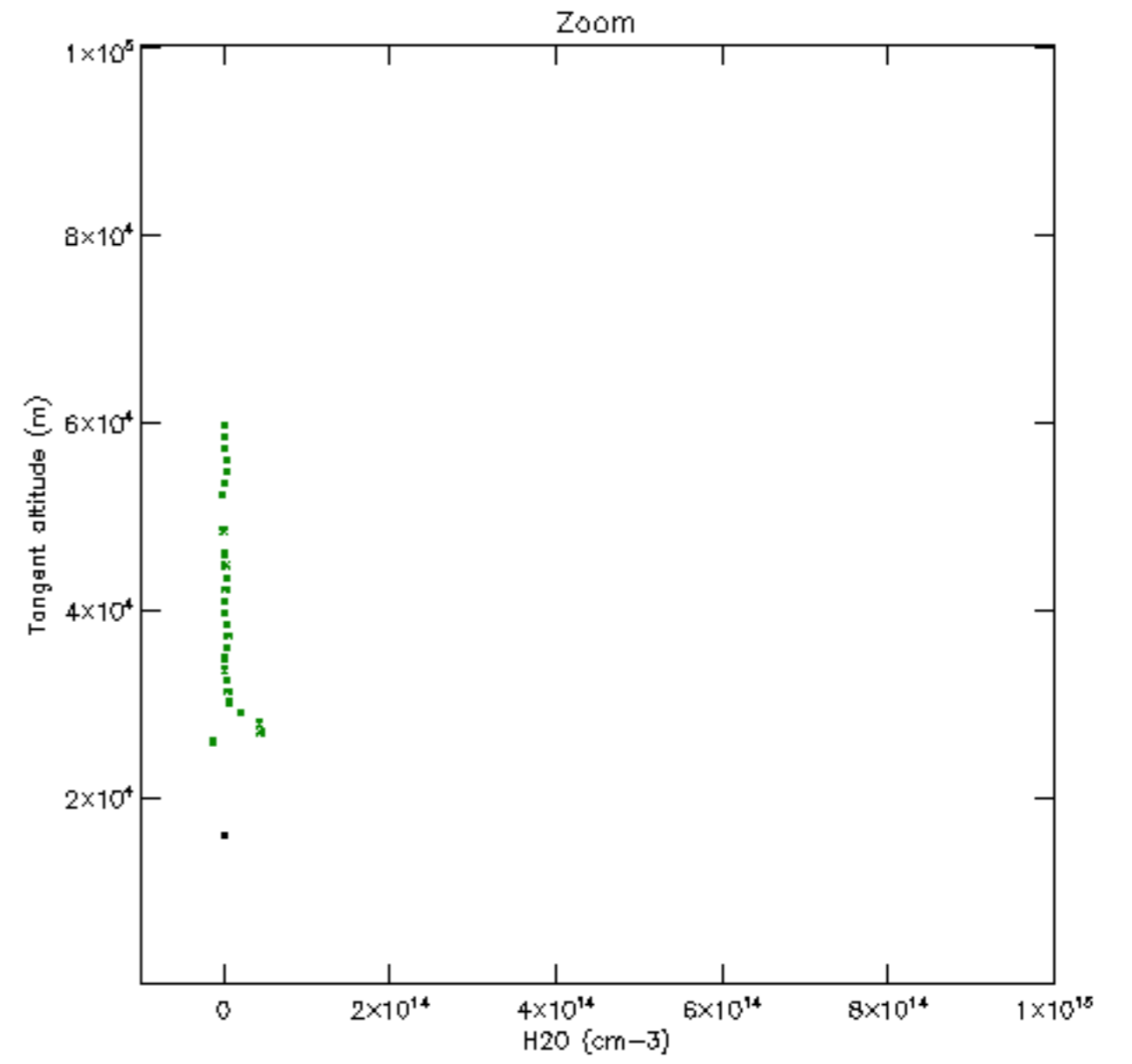
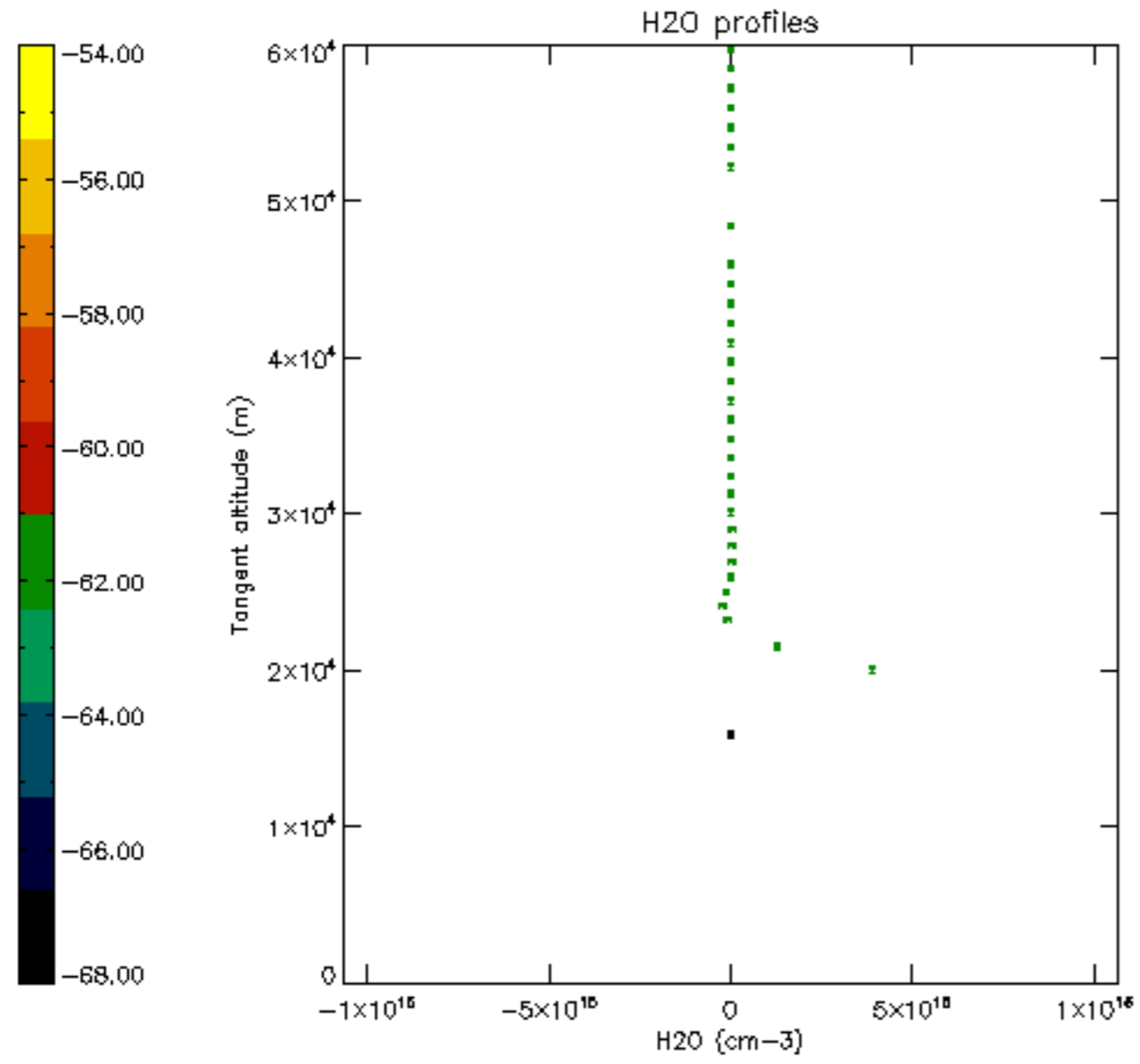




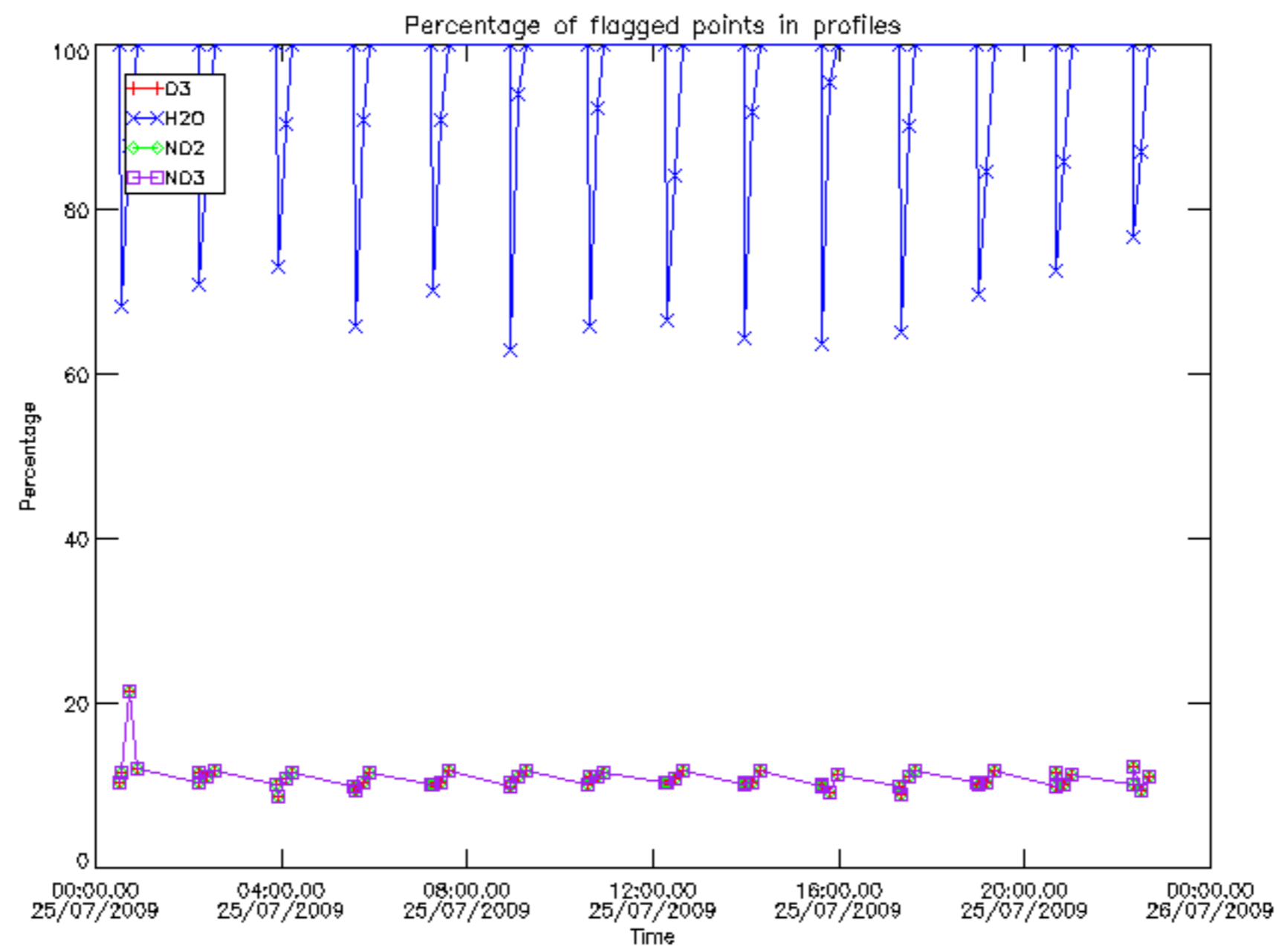




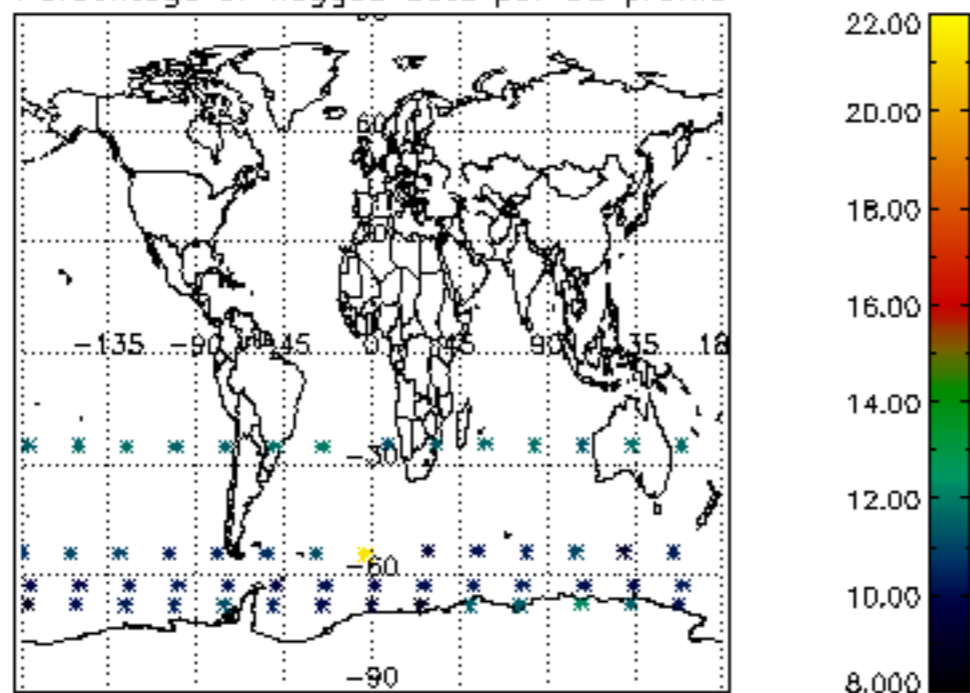




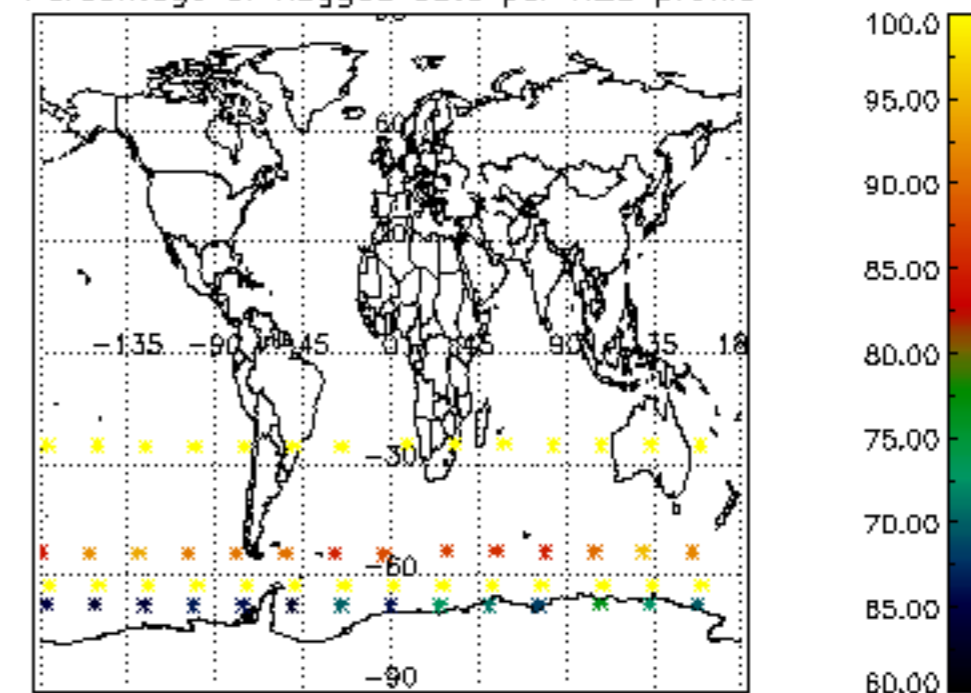




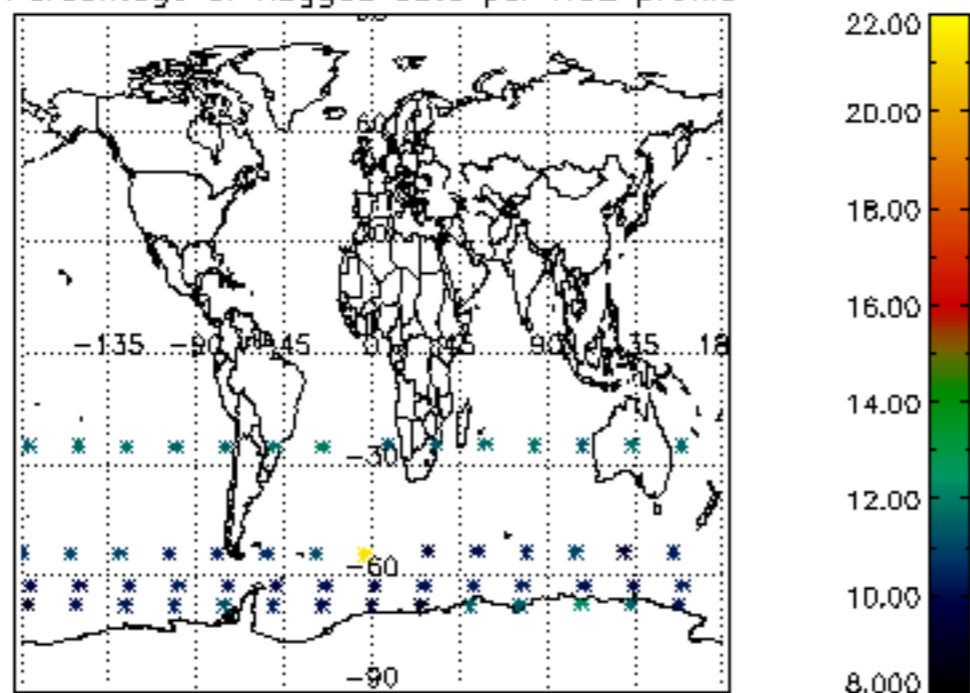
Percentage of flagged data per D3 profile



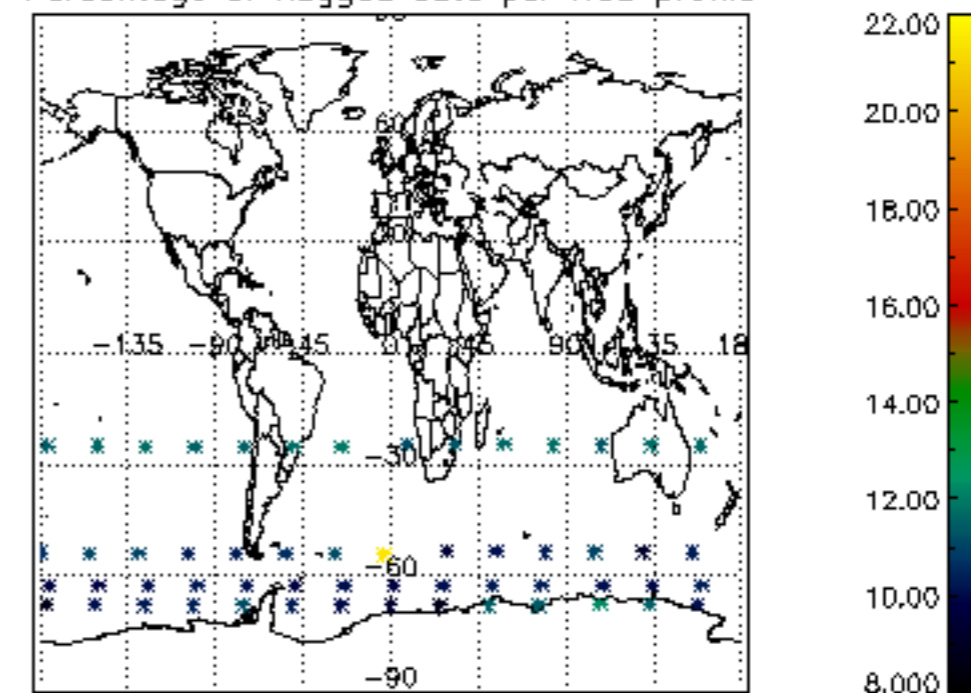
Percentage of flagged data per H2O profile

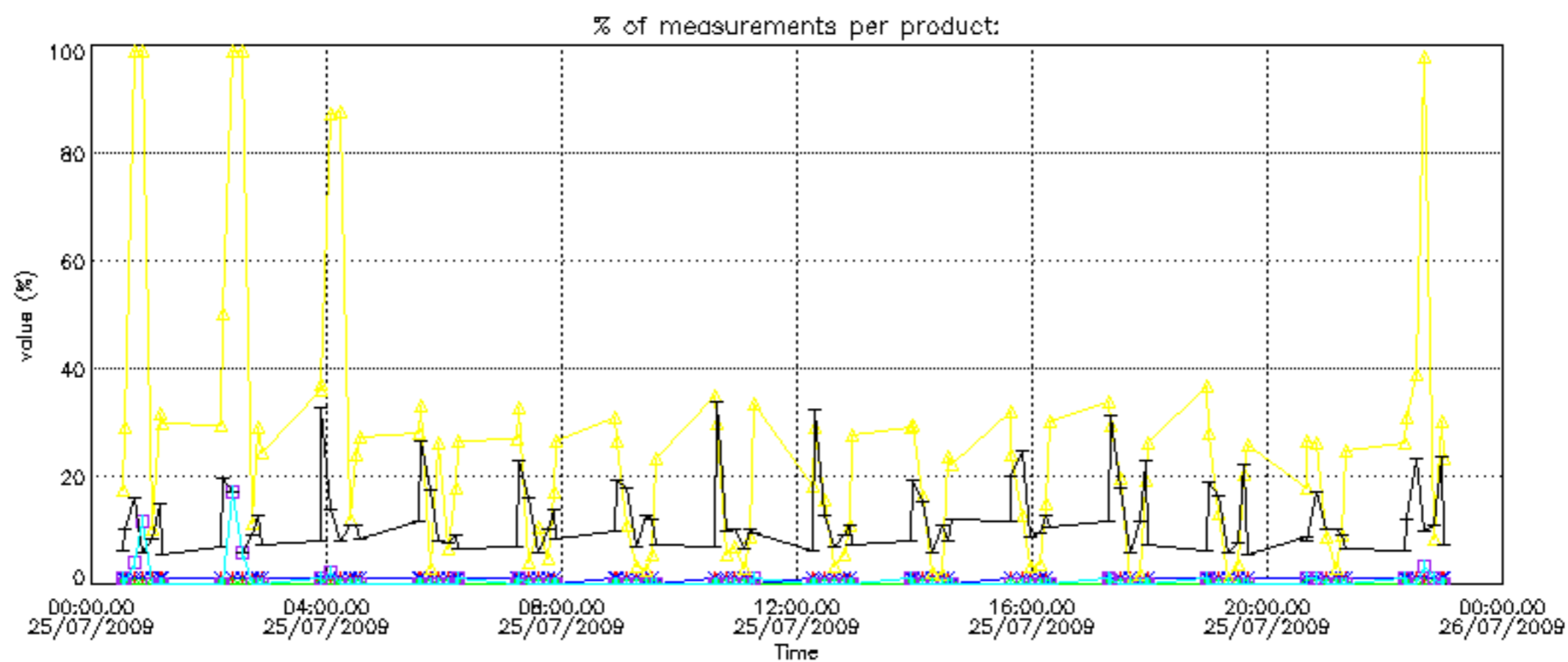
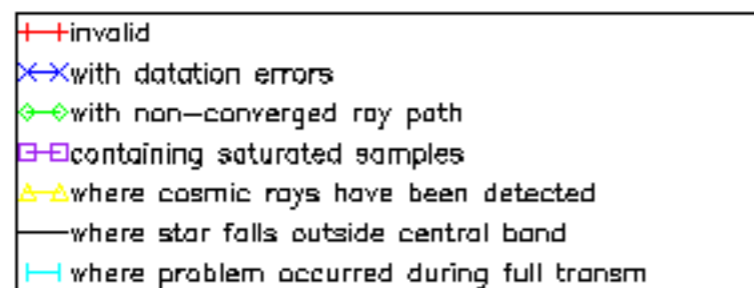


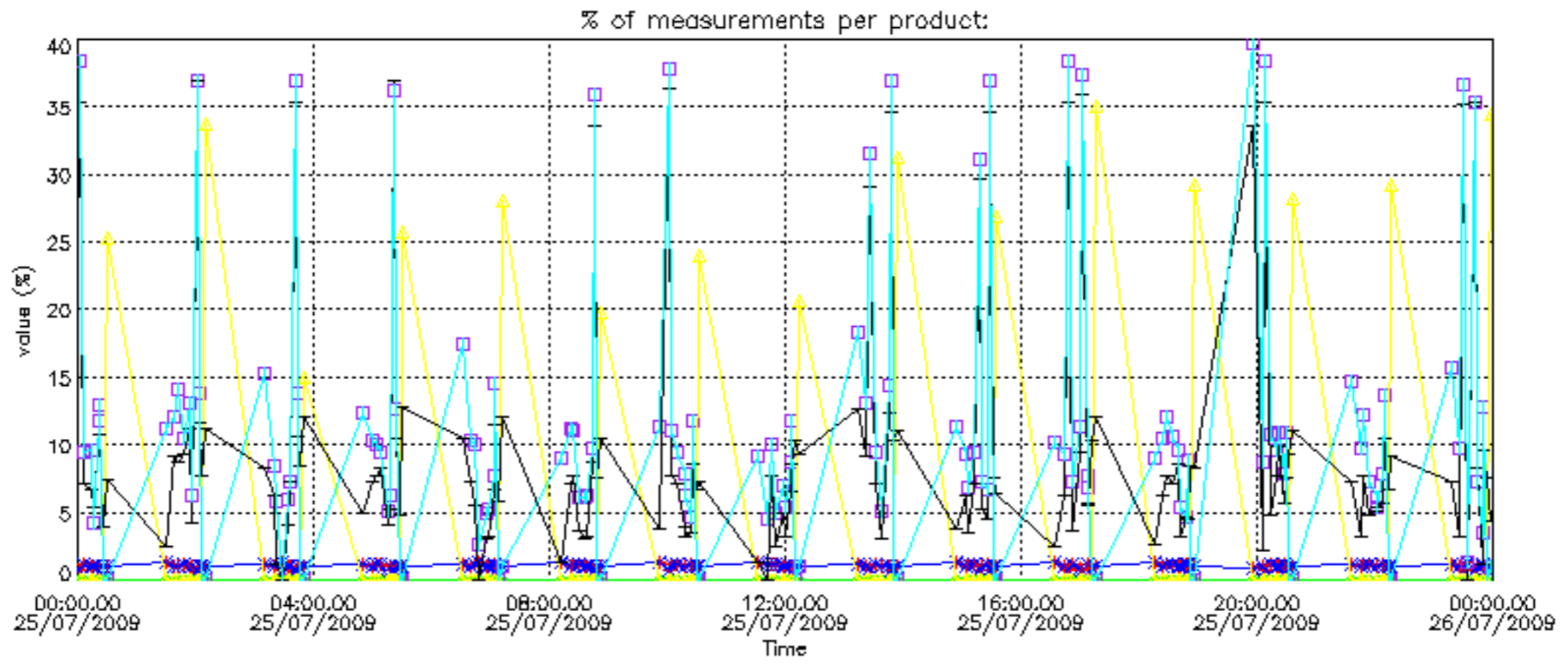
Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

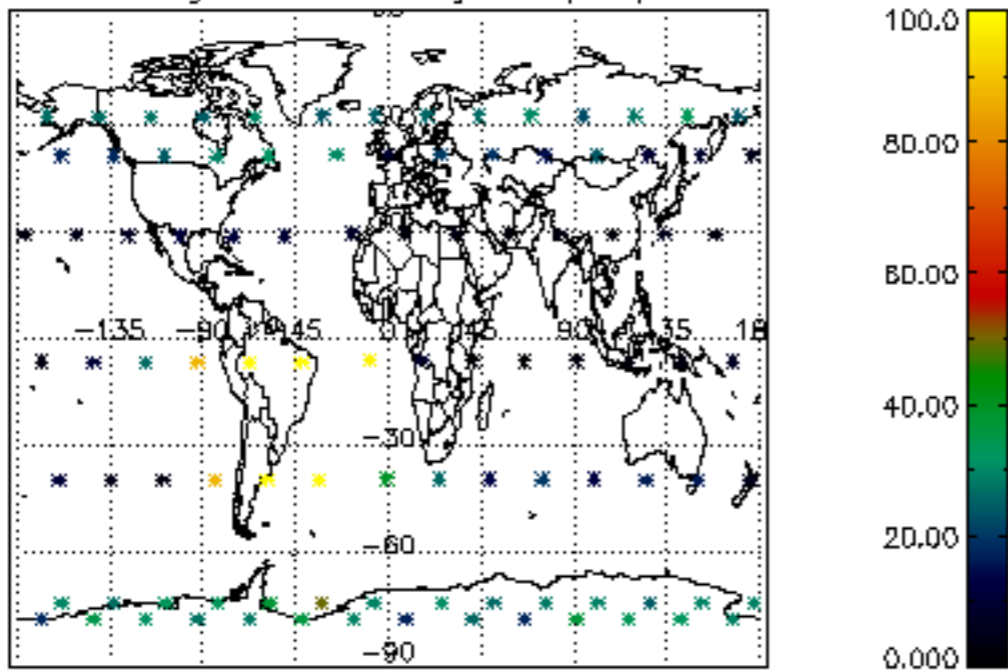




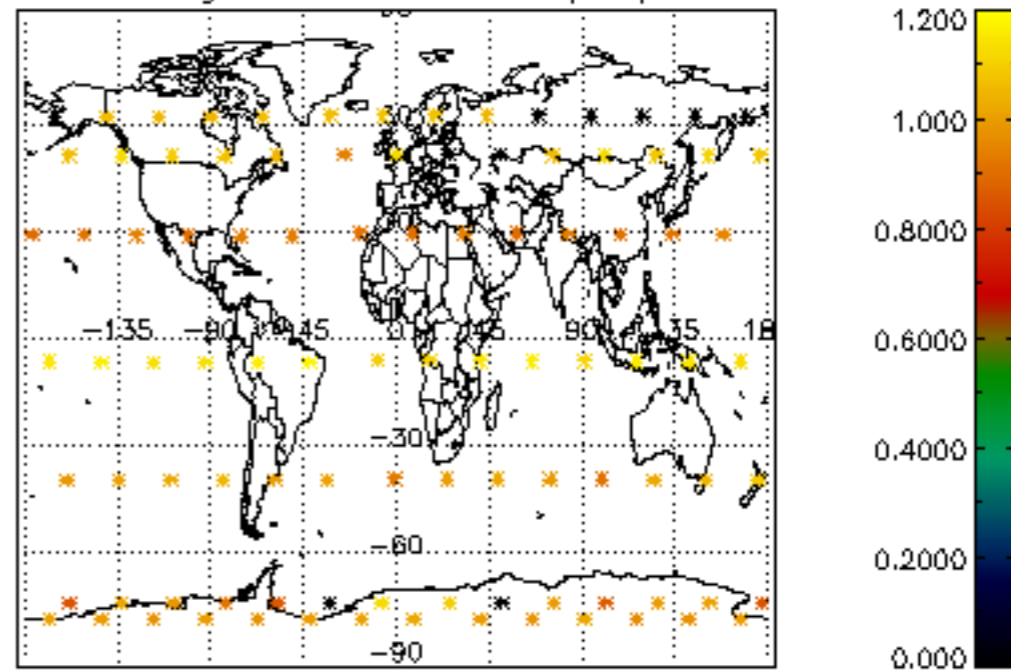




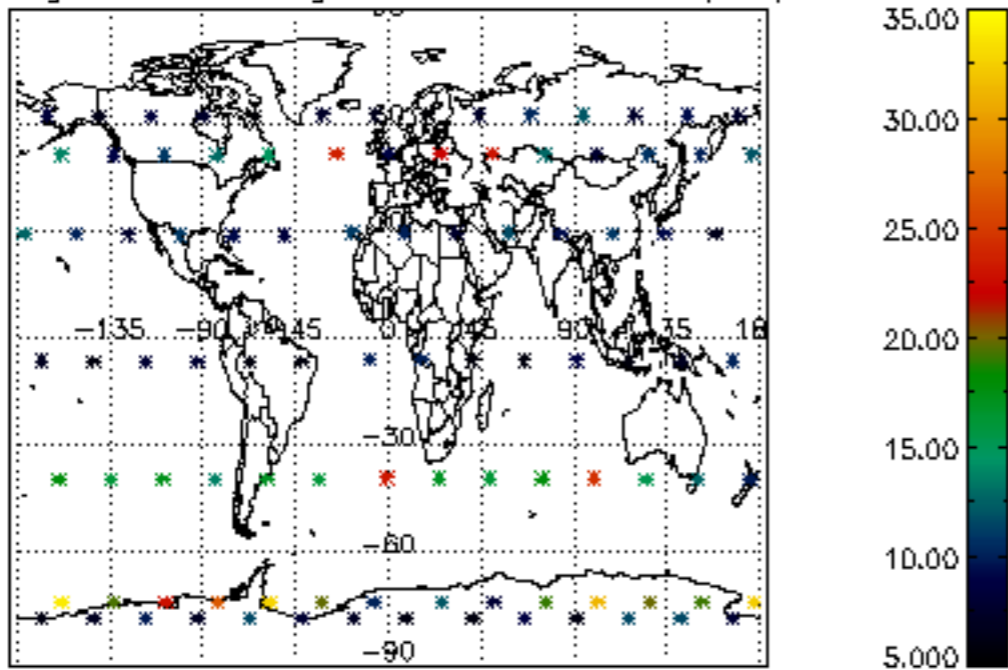
Percentage of cosmic ray hits per profile



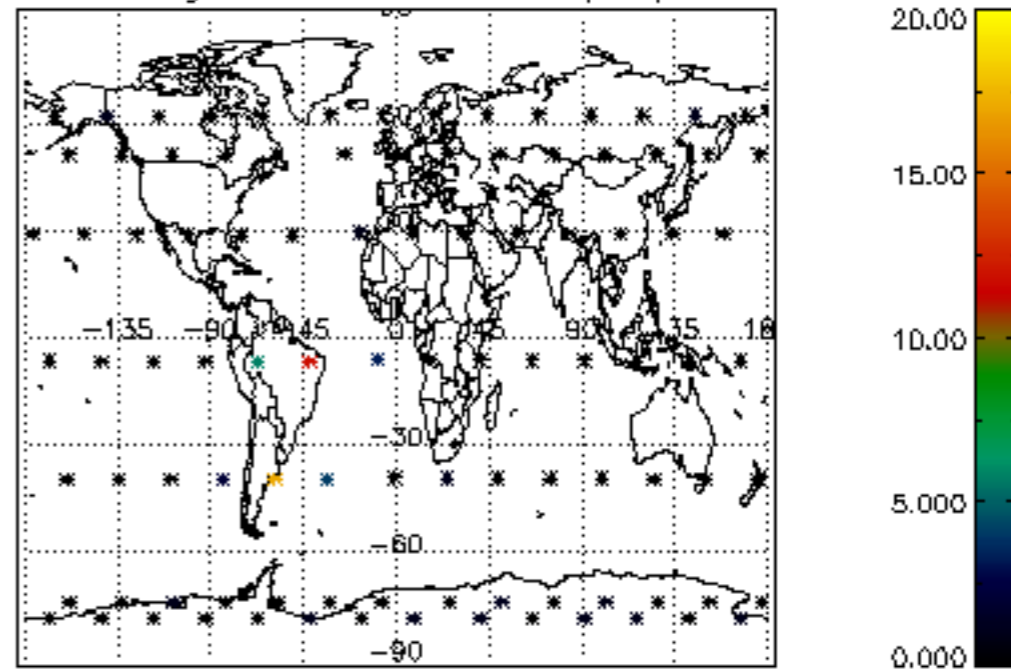
Percentage of datation errors per profile



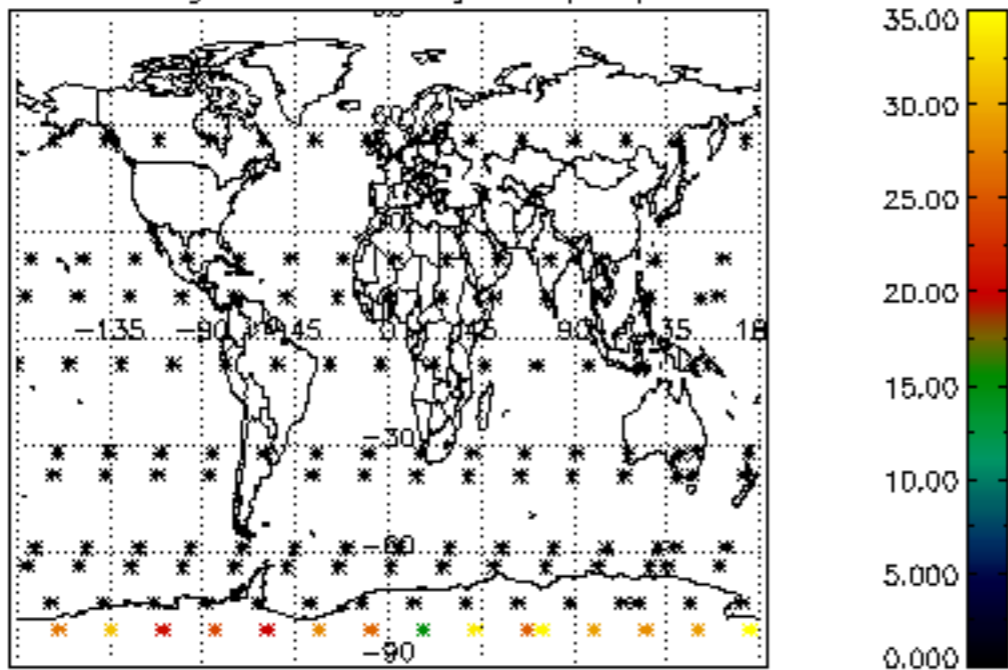
Percentage of star falling outside central band per profile



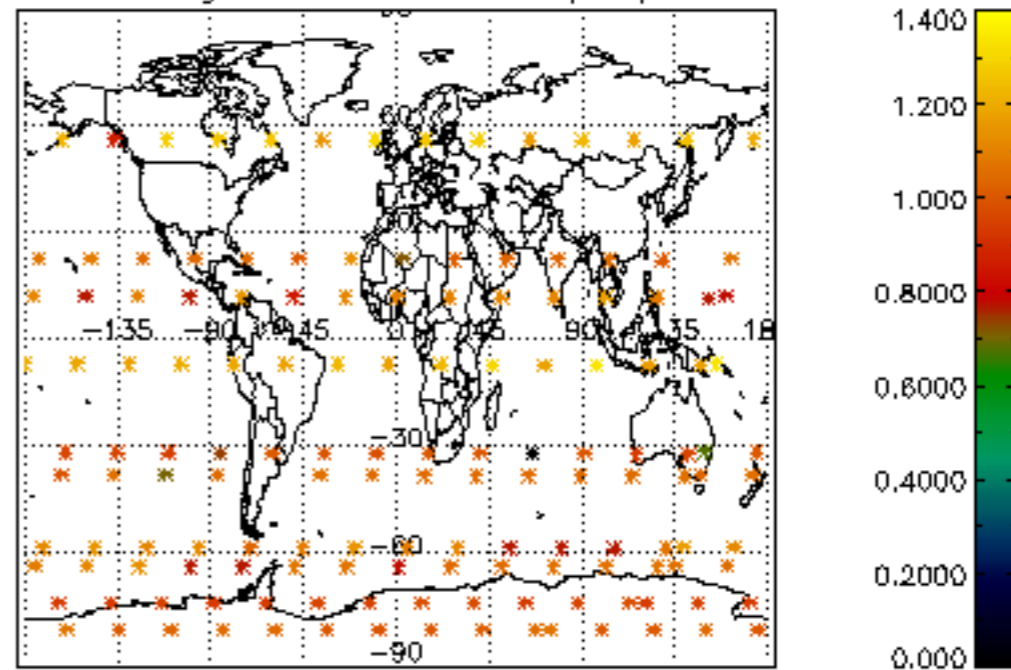
Percentage of saturation errors per profile



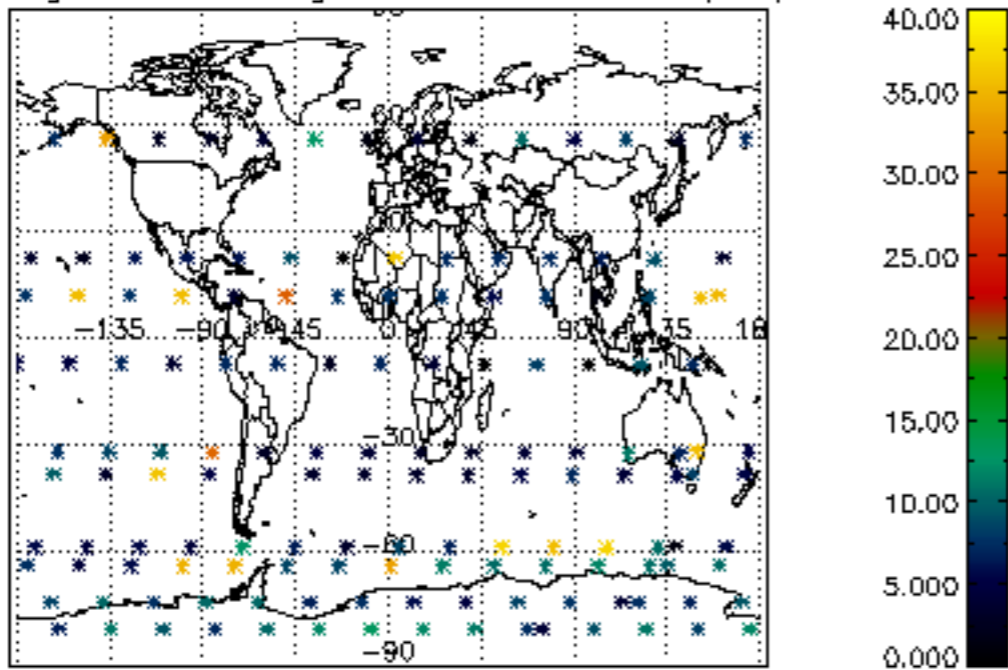
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

