

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 11:25:43
Data source version	GOMOS/6.01
Start time of products	04-08-2009 (04AUG2009 00:00:00)
Stop time of products	05-08-2009 (05AUG2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	242
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__2PRFIN20090804_000554_000000622081_00202_38833_5615.N1	04-AUG-2009 00:05:54	Bright	62.000	160	23Gam Per	2.9300	4700.0	124	38833	No
2	GOM_NL__2PRFIN20090804_000737_000000532081_00202_38833_5616.N1	04-AUG-2009 00:07:37	Bright	52.500	35	33Alp Per	1.7950	6250.0	105	38833	No
3	GOM_NL__2PRFIN20090804_000952_000000462081_00202_38833_5617.N1	04-AUG-2009 00:09:52	Bright	46.000	6	13Alp Aur	0.080000	3400.0	92	38833	No
4	GOM_NL__2PRFIN20090804_001145_000000502081_00202_38833_5618.N1	04-AUG-2009 00:11:45	Bright	49.500	149	45Eps Per	2.8880	30000.	99	38833	No
5	GOM_NL__2PRFIN20090804_001458_000000582081_00202_38833_5619.N1	04-AUG-2009 00:14:58	Twilight	58.000	150	44Zet Per	2.8900	28000.	116	38833	No
6	GOM_NL__2PRFIN20090804_001958_000000662081_00202_38833_5620.N1	04-AUG-2009 00:19:58	Dark	66.000	13	87Alp Tau	0.86700	3800.0	132	38833	No
7	GOM_NL__2PRFIN20090804_003121_000000532081_00202_38833_5621.N1	04-AUG-2009 00:31:21	Dark	53.000	165	34Gam Eri	2.9500	3200.0	106	38833	No
8	GOM_NL__2PRFIN20090804_004046_000000482081_00203_38834_5619.N1	04-AUG-2009 00:40:46	Dark	47.500	157	The1Eri	2.9060	9300.0	95	38834	No
9	GOM_NL__2PRFIN20090804_005105_000000562081_00203_38834_5620.N1	04-AUG-2009 00:51:05	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	38834	No
10	GOM_NL__2PRFIN20090804_005502_000000602081_00203_38834_5621.N1	04-AUG-2009 00:55:02	Straylight	60.000	63	Bet Gru	2.1500	2800.0	120	38834	No
11	GOM_NL__2PRFIN20090804_005949_000000652081_00203_38834_5622.N1	04-AUG-2009 00:59:49	Twilight	64.500	18	24Alp PsA	1.1660	9700.0	129	38834	No
12	GOM_NL__2PRFIN20090804_010641_000000502081_00203_38834_5623.N1	04-AUG-2009 01:06:41	Bright	49.500	142	49Del Cap	2.8500	8900.0	99	38834	No
13	GOM_NL__2PRFIN20090804_011042_000000482081_00203_38834_5624.N1	04-AUG-2009 01:10:42	Bright	47.500	154	22Bet Aqr	2.8990	5700.0	95	38834	No
14	GOM_NL__2PRFIN20090804_012305_000000432081_00203_38834_5625.N1	04-AUG-2009 01:23:05	Bright	42.500	92	53Eps Cyg	2.5000	4500.0	85	38834	No
15	GOM_NL__2PRFIN20090804_012614_000000412081_00203_38834_5626.N1	04-AUG-2009 01:26:14	Bright	40.500	19	50Alp Cyg	1.2460	10500.	81	38834	No
16	GOM_NL__2PRFIN20090804_013140_000000402081_00203_38834_5627.N1	04-AUG-2009 01:31:40	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	38834	No
17	GOM_NL__2PRFIN20090804_013751_000000492081_00203_38834_5628.N1	04-AUG-2009 01:37:51	Bright	48.500	74	11Bet Cas	2.2680	6600.0	97	38834	No
18	GOM_NL__2PRFIN20090804_013953_000000512081_00203_38834_5629.N1	04-AUG-2009 01:39:53	Bright	50.500	76	27Gam Cas	2.3000	30000.	101	38834	No
19	GOM_NL__2PRFIN20090804_014630_000000662081_00203_38834_5630.N1	04-AUG-2009 01:46:30	Bright	65.500	160	23Gam Per	2.9300	4700.0	131	38834	No
20	GOM_NL__2PRFIN20090804_014813_000000532081_00203_38834_5631.N1	04-AUG-2009 01:48:13	Bright	53.000	35	33Alp Per	1.7950	6250.0	106	38834	No
21	GOM_NL__2PRFIN20090804_015028_000000442081_00203_38834_5632.N1	04-AUG-2009 01:50:28	Bright	44.000	6	13Alp Aur	0.080000	3400.0	88	38834	No
22	GOM_NL__2PRFIN20090804_015220_000000472081_00203_38834_5633.N1	04-AUG-2009 01:52:20	Bright	47.000	149	45Eps Per	2.8880	30000.	94	38834	No
23	GOM_NL__2PRFIN20090804_015535_000000572081_00203_38834_5634.N1	04-AUG-2009 01:55:35	Twilight	57.000	150	44Zet Per	2.8900	28000.	114	38834	No
24	GOM_NL__2PRFIN20090804_020034_000000612081_00203_38834_5635.N1	04-AUG-2009 02:00:34	Dark	60.500	13	87Alp Tau	0.86700	3800.0	121	38834	No
25	GOM_NL__2PRFIN20090804_021158_000000572081_00203_38834_5636.N1	04-AUG-2009 02:11:58	Dark	56.500	165	34Gam Eri	2.9500	3200.0	113	38834	No
26	GOM_NL__2PRFIN20090804_022123_000000482081_00204_38835_5635.N1	04-AUG-2009 02:21:23	Dark	47.500	157	The1Eri	2.9060	9300.0	95	38835	No
27	GOM_NL__2PRFIN20090804_023142_000000552081_00204_38835_5636.N1	04-AUG-2009 02:31:42	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	38835	No
28	GOM_NL__2PRFIN20090804_023538_000000582081_00204_38835_5637.N1	04-AUG-2009 02:35:38	Straylight	57.500	63	Bet Gru	2.1500	2800.0	115	38835	No
29	GOM_NL__2PRFIN20090804_024025_000000612081_00204_38835_5638.N1	04-AUG-2009 02:40:25	Twilight	60.500	18	24Alp PsA	1.1660	9700.0	121	38835	No
30	GOM_NL__2PRFIN20090804_024717_000000512081_00204_38835_5639.N1	04-AUG-2009 02:47:17	Bright	50.500	142	49Del Cap	2.8500	8900.0	101	38835	No
31	GOM_NL__2PRFIN20090804_025118_000000512081_00204_38835_5640.N1	04-AUG-2009 02:51:18	Bright	51.000	154	22Bet Aqr	2.8990	5700.0	102	38835	No
32	GOM_NL__2PRFIN20090804_030341_000000432081_00204_38835_5641.N1	04-AUG-2009 03:03:41	Bright	43.000	92	53Eps Cyg	2.5000	4500.0	86	38835	No
33	GOM_NL__2PRFIN20090804_030650_000000412081_00204_38835_5642.N1	04-AUG-2009 03:06:50	Bright	41.000	19	50Alp Cyg	1.2460	10500.	82	38835	No
34	GOM_NL__2PRFIN20090804_031216_000000362081_00204_38835_5643.N1	04-AUG-2009 03:12:16	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	38835	No
35	GOM_NL__2PRFIN20090804_031826_000000522081_00204_38835_5644.N1	04-AUG-2009 03:18:26	Bright	51.500	74	11Bet Cas	2.2680	6600.0	103	38835	No
36	GOM_NL__2PRFIN20090804_032028_000000502081_00204_38835_5645.N1	04-AUG-2009 03:20:28	Bright	50.000	76	27Gam Cas	2.3000	30000.	100	38835	No
37	GOM_NL__2PRFIN20090804_032705_000000712081_00204_38835_5646.N1	04-AUG-2009 03:27:05	Bright	71.000	160	23Gam Per	2.9300	4700.0	142	38835	No
38	GOM_NL__2PRFIN20090804_032849_000000512081_00204_38835_5647.N1	04-AUG-2009 03:28:49	Bright	51.000	35	33Alp Per	1.7950	6250.0	102	38835	No
39	GOM_NL__2PRFIN20090804_033104_000000452081_00204_38835_5648.N1	04-AUG-2009 03:31:04	Bright	44.500	6	13Alp Aur	0.080000	3400.0	89	38835	No
40	GOM_NL__2PRFIN20090804_033256_000000482081_00204_38835_5649.N1	04-AUG-2009 03:32:56	Bright	48.000	149	45Eps Per	2.8880	30000.	96	38835	No
41	GOM_NL__2PRFIN20090804_033611_000000592081_00204_38835_5650.N1	04-AUG-2009 03:36:11	Twilight	59.000	150	44Zet Per	2.8900	28000.	118	38835	No
42	GOM_NL__2PRFIN20090804_034111_000000592081_00204_38835_5651.N1	04-AUG-2009 03:41:11	Dark	58.500	13	87Alp Tau	0.86700	3800.0	117	38835	No

43	GOM_NL__2PRFIN20090804_035235_000000562081_00204_38835_5652.N1	04-AUG-2009 03:52:35	Dark	56.000	165	34Gam Eri	2.9500	3200.0	112	38835	No
44	GOM_NL__2PRFIN20090804_040200_000000502081_00205_38836_5649.N1	04-AUG-2009 04:02:00	Dark	49.500	157	The1Eri	2.9060	9300.0	99	38836	No
45	GOM_NL__2PRFIN20090804_041219_000000612081_00205_38836_5650.N1	04-AUG-2009 04:12:19	Straylight	61.000	84	Alp Phe	2.3970	4500.0	122	38836	No
46	GOM_NL__2PRFIN20090804_041615_000000572081_00205_38836_5651.N1	04-AUG-2009 04:16:15	Straylight	57.000	63	Bet Gru	2.1500	2800.0	114	38836	No
47	GOM_NL__2PRFIN20090804_042102_000000622081_00205_38836_5652.N1	04-AUG-2009 04:21:02	Tw_i_and_stray	61.500	18	24Alp PsA	1.1660	9700.0	123	38836	No
48	GOM_NL__2PRFIN20090804_042753_000000502081_00205_38836_5653.N1	04-AUG-2009 04:27:53	Bright	50.000	142	49Del Cap	2.8500	8900.0	100	38836	No
49	GOM_NL__2PRFIN20090804_043154_000000492081_00205_38836_5654.N1	04-AUG-2009 04:31:54	Bright	49.000	154	22Bet Aqr	2.8990	5700.0	98	38836	No
50	GOM_NL__2PRFIN20090804_044416_000000442081_00205_38836_5655.N1	04-AUG-2009 04:44:16	Bright	43.500	92	53Eps Cyg	2.5000	4500.0	87	38836	No
51	GOM_NL__2PRFIN20090804_044725_000000412081_00205_38836_5656.N1	04-AUG-2009 04:47:25	Bright	41.000	19	50Alp Cyg	1.2460	10500.	82	38836	No
52	GOM_NL__2PRFIN20090804_045252_000000402081_00205_38836_5657.N1	04-AUG-2009 04:52:52	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	38836	No
53	GOM_NL__2PRFIN20090804_045901_000000502081_00205_38836_5658.N1	04-AUG-2009 04:59:01	Bright	50.000	74	11Bet Cas	2.2680	6600.0	100	38836	No
54	GOM_NL__2PRFIN20090804_050104_000000502081_00205_38836_5659.N1	04-AUG-2009 05:01:04	Bright	50.000	76	27Gam Cas	2.3000	30000.	100	38836	No
55	GOM_NL__2PRFIN20090804_050924_000000482081_00205_38836_5660.N1	04-AUG-2009 05:09:24	Bright	47.500	35	33Alp Per	1.7950	6250.0	95	38836	No
56	GOM_NL__2PRFIN20090804_051140_000000432081_00205_38836_5661.N1	04-AUG-2009 05:11:40	Bright	43.000	6	13Alp Aur	0.080000	3400.0	86	38836	No
57	GOM_NL__2PRFIN20090804_051332_000000512081_00205_38836_5662.N1	04-AUG-2009 05:13:32	Bright	51.000	149	45Eps Per	2.8880	30000.	102	38836	No
58	GOM_NL__2PRFIN20090804_051647_000000592081_00205_38836_5663.N1	04-AUG-2009 05:16:47	Tw_i_and_stray	58.500	150	44Zet Per	2.8900	28000.	117	38836	No
59	GOM_NL__2PRFIN20090804_052147_000000672081_00205_38836_5664.N1	04-AUG-2009 05:21:47	Dark	67.000	13	87Alp Tau	0.86700	3800.0	134	38836	No
60	GOM_NL__2PRFIN20090804_053312_000000592081_00205_38836_5665.N1	04-AUG-2009 05:33:12	Dark	59.000	165	34Gam Eri	2.9500	3200.0	118	38836	No
61	GOM_NL__2PRFIN20090804_054237_000000472081_00206_38837_5663.N1	04-AUG-2009 05:42:37	Dark	46.500	157	The1Eri	2.9060	9300.0	93	38837	No
62	GOM_NL__2PRFIN20090804_055256_000000552081_00206_38837_5664.N1	04-AUG-2009 05:52:56	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	38837	No
63	GOM_NL__2PRFIN20090804_055652_000000472081_00206_38837_5665.N1	04-AUG-2009 05:56:52	Straylight	47.000	63	Bet Gru	2.1500	2800.0	94	38837	No
64	GOM_NL__2PRFIN20090804_060139_000000612081_00206_38837_5666.N1	04-AUG-2009 06:01:39	Tw_i_and_stray	60.500	18	24Alp PsA	1.1660	9700.0	121	38837	No
65	GOM_NL__2PRFIN20090804_060829_000000512081_00206_38837_5667.N1	04-AUG-2009 06:08:29	Bright	50.500	142	49Del Cap	2.8500	8900.0	101	38837	No
66	GOM_NL__2PRFIN20090804_061230_000000502081_00206_38837_5668.N1	04-AUG-2009 06:12:30	Bright	49.500	154	22Bet Aqr	2.8990	5700.0	99	38837	No
67	GOM_NL__2PRFIN20090804_062452_000000432081_00206_38837_5669.N1	04-AUG-2009 06:24:52	Bright	42.500	92	53Eps Cyg	2.5000	4500.0	85	38837	No
68	GOM_NL__2PRFIN20090804_062801_000000492081_00206_38837_5670.N1	04-AUG-2009 06:28:01	Bright	49.000	19	50Alp Cyg	1.2460	10500.	98	38837	No
69	GOM_NL__2PRFIN20090804_063327_000000402081_00206_38837_5671.N1	04-AUG-2009 06:33:27	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	38837	No
70	GOM_NL__2PRFIN20090804_063937_000000622081_00206_38837_5672.N1	04-AUG-2009 06:39:37	Bright	62.000	74	11Bet Cas	2.2680	6600.0	124	38837	No
71	GOM_NL__2PRFIN20090804_064139_000000492081_00206_38837_5673.N1	04-AUG-2009 06:41:39	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	38837	No
72	GOM_NL__2PRFIN20090804_065000_000000602081_00206_38837_5674.N1	04-AUG-2009 06:50:00	Bright	59.500	35	33Alp Per	1.7950	6250.0	119	38837	No
73	GOM_NL__2PRFIN20090804_065216_000000442081_00206_38837_5675.N1	04-AUG-2009 06:52:16	Bright	43.500	6	13Alp Aur	0.080000	3400.0	87	38837	No
74	GOM_NL__2PRFIN20090804_065408_000000522081_00206_38837_5676.N1	04-AUG-2009 06:54:08	Bright	51.500	149	45Eps Per	2.8880	30000.	103	38837	No
75	GOM_NL__2PRFIN20090804_065723_000000582081_00206_38837_5677.N1	04-AUG-2009 06:57:23	Tw_i_and_stray	58.000	150	44Zet Per	2.8900	28000.	116	38837	No
76	GOM_NL__2PRFIN20090804_070224_000000672081_00206_38837_5678.N1	04-AUG-2009 07:02:24	Dark	67.000	13	87Alp Tau	0.86700	3800.0	134	38837	No
77	GOM_NL__2PRFIN20090804_071349_000000572081_00206_38837_5679.N1	04-AUG-2009 07:13:49	Dark	56.500	165	34Gam Eri	2.9500	3200.0	113	38837	No
78	GOM_NL__2PRFIN20090804_072314_000000472081_00207_38838_5677.N1	04-AUG-2009 07:23:14	Dark	46.500	157	The1Eri	2.9060	9300.0	93	38838	No
79	GOM_NL__2PRFIN20090804_073333_000000572081_00207_38838_5678.N1	04-AUG-2009 07:33:33	Straylight	57.000	84	Alp Phe	2.3970	4500.0	114	38838	No
80	GOM_NL__2PRFIN20090804_073728_000000502081_00207_38838_5679.N1	04-AUG-2009 07:37:28	Straylight	49.500	63	Bet Gru	2.1500	2800.0	99	38838	No
81	GOM_NL__2PRFIN20090804_074215_000000612081_00207_38838_5680.N1	04-AUG-2009 07:42:15	Tw_i_and_stray	61.000	18	24Alp PsA	1.1660	9700.0	122	38838	No
82	GOM_NL__2PRFIN20090804_074905_000000492081_00207_38838_5681.N1	04-AUG-2009 07:49:05	Bright	48.500	142	49Del Cap	2.8500	8900.0	97	38838	No
83	GOM_NL__2PRFIN20090804_075306_000000492081_00207_38838_5682.N1	04-AUG-2009 07:53:06	Bright	48.500	154	22Bet Aqr	2.8990	5700.0	97	38838	No
84	GOM_NL__2PRFIN20090804_080527_000000402081_00207_38838_5683.N1	04-AUG-2009 08:05:27	Bright	39.500	92	53Eps Cyg	2.5000	4500.0	79	38838	No
85	GOM_NL__2PRFIN20090804_080837_000000422081_00207_38838_5684.N1	04-AUG-2009 08:08:37	Bright	42.000	19	50Alp Cyg	1.2460	10500.	84	38838	No
86	GOM_NL__2PRFIN20090804_081403_000000402081_00207_38838_5685.N1	04-AUG-2009 08:14:03	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	38838	No
87	GOM_NL__2PRFIN20090804_082012_000000492081_00207_38838_5686.N1	04-AUG-2009 08:20:12	Bright	48.500	74	11Bet Cas	2.2680	6600.0	97	38838	No
88	GOM_NL__2PRFIN20090804_082214_000000492081_00207_38838_5687.N1	04-AUG-2009 08:22:14	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	38838	No
89	GOM_NL__2PRFIN20090804_083140_000000472081_00207_38838_5688.N1	04-AUG-2009 08:31:40	Bright	46.500	175	39Del Per	3.0100	19400.	93	38838	No
90	GOM_NL__2PRFIN20090804_083444_000000512081_00207_38838_5689.N1	04-AUG-2009 08:34:44	Bright	51.000	149	45Eps Per	2.8880	30000.	102	38838	No
91	GOM_NL__2PRFIN20090804_083759_000000592081_00207_38838_5690.N1	04-AUG-2009 08:37:59	Tw_i_and_stray	59.000	150	44Zet Per	2.8900	28000.	118	38838	No
92	GOM_NL__2PRFIN20090804_084300_000000592081_00207_38838_5691.N1	04-AUG-2009 08:43:00	Dark	58.500	13	87Alp Tau	0.86700	3800.0	117	38838	No
93	GOM_NL__2PRFIN20090804_085426_000000612081_00207_38838_5692.N1	04-AUG-2009 08:54:26	Dark	60.500	165	34Gam Eri	2.9500	3200.0	121	38838	No
94	GOM_NL__2PRFIN20090804_090351_000000472081_00208_38839_5691.N1	04-AUG-2009 09:03:51	Dark	47.000	157	The1Eri	2.9060	9300.0	94	38839	No
95	GOM_NL__2PRFIN20090804_091410_000000632081_00208_38839_5692.N1	04-AUG-2009 09:14:10	Straylight	63.000	84	Alp Phe	2.3970	4500.0	126	38839	No
96	GOM_NL__2PRFIN20090804_091805_000000532081_00208_38839_5693.N1	04-AUG-2009 09:18:05	Straylight	52.500	63	Bet Gru	2.1500	2800.0	105	38839	No
97	GOM_NL__2PRFIN20090804_092252_000000612081_00208_38839_5694.N1	04-AUG-2009 09:22:52	Tw_i_and_stray	61.000	18	24Alp PsA	1.1660	9700.0	122	38839	No
98	GOM_NL__2PRFIN20090804_092941_000000502081_00208_38839_5695.N1	04-AUG-2009 09:29:41	Bright	49.500	142	49Del Cap	2.8500	8900.0	99	38839	No
99	GOM_NL__2PRFIN20090804_093341_000000492081_00208_38839_5696.N1	04-AUG-2009 09:33:41	Bright	49.000	154	22Bet Aqr	2.8990	5700.0	98	38839	No
100	GOM_NL__2PRFIN20090804_094603_000000442081_00208_38839_5697.N1	04-AUG-2009 09:46:03	Bright	43.500	92	53Eps Cyg	2.5000	4500.0	87	38839	No
101	GOM_NL__2PRFIN20090804_094912_000000422081_00208_38839_5698.N1	04-AUG-2009 09:49:12	Bright	41.500	19	50Alp Cyg	1.2460	10500.	83	38839	No

102	GOM_NL__2PRFIN20090804_095438_000000392081_00208_38839_5699.N1	04-AUG-2009 09:54:38	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	38839	No
103	GOM_NL__2PRFIN20090804_100047_000000482081_00208_38839_5700.N1	04-AUG-2009 10:00:47	Bright	48.000	74	11Bet Cas	2.2680	6600.0	96	38839	No
104	GOM_NL__2PRFIN20090804_100250_000000482081_00208_38839_5701.N1	04-AUG-2009 10:02:50	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	38839	No
105	GOM_NL__2PRFIN20090804_101216_000000452081_00208_38839_5702.N1	04-AUG-2009 10:12:16	Bright	45.000	175	39Del Per	3.0100	19400.	90	38839	No
106	GOM_NL__2PRFIN20090804_101520_000000492081_00208_38839_5703.N1	04-AUG-2009 10:15:20	Bright	49.000	149	45Eps Per	2.8880	30000.	98	38839	No
107	GOM_NL__2PRFIN20090804_101835_000000592081_00208_38839_5704.N1	04-AUG-2009 10:18:35	Tw_i_and_stray	59.000	150	44Zet Per	2.8900	28000.	118	38839	No
108	GOM_NL__2PRFIN20090804_102336_000000652081_00208_38839_5705.N1	04-AUG-2009 10:23:36	Dark	65.000	13	87Alp Tau	0.86700	3800.0	130	38839	No
109	GOM_NL__2PRFIN20090804_103503_000000632081_00208_38839_5706.N1	04-AUG-2009 10:35:03	Dark	63.000	165	34Gam Eri	2.9500	3200.0	126	38839	No
110	GOM_NL__2PRFIN20090804_104427_000000472081_00209_38840_5725.N1	04-AUG-2009 10:44:27	Dark	46.500	157	The1Eri	2.9060	9300.0	93	38840	No
111	GOM_NL__2PRFIN20090804_105447_000000562081_00209_38840_5726.N1	04-AUG-2009 10:54:47	Straylight	56.000	84	Alp Phe	2.3970	4500.0	112	38840	No
112	GOM_NL__2PRFIN20090804_105841_000000492081_00209_38840_5727.N1	04-AUG-2009 10:58:41	Straylight	48.500	63	Bet Gru	2.1500	2800.0	97	38840	No
113	GOM_NL__2PRFIN20090804_110328_000000632081_00209_38840_5728.N1	04-AUG-2009 11:03:28	Tw_i_and_stray	63.000	18	24Alp PsA	1.1660	9700.0	126	38840	No
114	GOM_NL__2PRFIN20090804_111017_000000472081_00209_38840_5729.N1	04-AUG-2009 11:10:17	Bright	47.000	142	49Del Cap	2.8500	8900.0	94	38840	No
115	GOM_NL__2PRFIN20090804_111417_000000482081_00209_38840_5730.N1	04-AUG-2009 11:14:17	Bright	48.000	154	22Bet Aqr	2.8990	5700.0	96	38840	No
116	GOM_NL__2PRFIN20090804_112638_000000482081_00209_38840_5731.N1	04-AUG-2009 11:26:38	Bright	47.500	92	53Eps Cyg	2.5000	4500.0	95	38840	No
117	GOM_NL__2PRFIN20090804_112947_000000412081_00209_38840_5732.N1	04-AUG-2009 11:29:47	Bright	41.000	19	50Alp Cyg	1.2460	10500.	82	38840	No
118	GOM_NL__2PRFIN20090804_113514_000000402081_00209_38840_5733.N1	04-AUG-2009 11:35:14	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	38840	No
119	GOM_NL__2PRFIN20090804_114122_000000492081_00209_38840_5734.N1	04-AUG-2009 11:41:22	Bright	49.000	74	11Bet Cas	2.2680	6600.0	98	38840	No
120	GOM_NL__2PRFIN20090804_114325_000000492081_00209_38840_5735.N1	04-AUG-2009 11:43:25	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	38840	No
121	GOM_NL__2PRFIN20090804_115251_000000442081_00209_38840_5736.N1	04-AUG-2009 11:52:51	Bright	43.500	175	39Del Per	3.0100	19400.	87	38840	No
122	GOM_NL__2PRFIN20090804_115556_000000522081_00209_38840_5737.N1	04-AUG-2009 11:55:56	Bright	52.000	149	45Eps Per	2.8880	30000.	104	38840	No
123	GOM_NL__2PRFIN20090804_115925_000000472081_00209_38840_5738.N1	04-AUG-2009 11:59:25	Bright	47.000	28	12Bet Tau	1.6500	15200.	94	38840	No
124	GOM_NL__2PRFIN20090804_120413_000000622081_00209_38840_5739.N1	04-AUG-2009 12:04:13	Dark	61.500	13	87Alp Tau	0.86700	3800.0	123	38840	No
125	GOM_NL__2PRFIN20090804_121540_000000612081_00209_38840_5740.N1	04-AUG-2009 12:15:40	Dark	60.500	165	34Gam Eri	2.9500	3200.0	121	38840	No
126	GOM_NL__2PRFIN20090804_122505_000000462081_00210_38841_5739.N1	04-AUG-2009 12:25:05	Dark	46.000	157	The1Eri	2.9060	9300.0	92	38841	No
127	GOM_NL__2PRFIN20090804_123524_000000582081_00210_38841_5740.N1	04-AUG-2009 12:35:24	Straylight	57.500	84	Alp Phe	2.3970	4500.0	115	38841	No
128	GOM_NL__2PRFIN20090804_123918_000000482081_00210_38841_5741.N1	04-AUG-2009 12:39:18	Straylight	48.000	63	Bet Gru	2.1500	2800.0	96	38841	No
129	GOM_NL__2PRFIN20090804_124405_000000632081_00210_38841_5742.N1	04-AUG-2009 12:44:05	Tw_i_and_stray	62.500	18	24Alp PsA	1.1660	9700.0	125	38841	No
130	GOM_NL__2PRFIN20090804_125053_000000472081_00210_38841_5743.N1	04-AUG-2009 12:50:53	Bright	47.000	142	49Del Cap	2.8500	8900.0	94	38841	No
131	GOM_NL__2PRFIN20090804_125453_000000482081_00210_38841_5744.N1	04-AUG-2009 12:54:53	Bright	48.000	154	22Bet Aqr	2.8990	5700.0	96	38841	No
132	GOM_NL__2PRFIN20090804_130714_000000412081_00210_38841_5745.N1	04-AUG-2009 13:07:14	Bright	40.500	92	53Eps Cyg	2.5000	4500.0	81	38841	No
133	GOM_NL__2PRFIN20090804_131023_000000592081_00210_38841_5746.N1	04-AUG-2009 13:10:23	Bright	59.000	19	50Alp Cyg	1.2460	10500.	118	38841	No
134	GOM_NL__2PRFIN20090804_131549_000000402081_00210_38841_5747.N1	04-AUG-2009 13:15:49	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	38841	No
135	GOM_NL__2PRFIN20090804_132157_000000492081_00210_38841_5748.N1	04-AUG-2009 13:21:57	Bright	49.000	74	11Bet Cas	2.2680	6600.0	98	38841	No
136	GOM_NL__2PRFIN20090804_132400_000000492081_00210_38841_5749.N1	04-AUG-2009 13:24:00	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	38841	No
137	GOM_NL__2PRFIN20090804_133327_000000502081_00210_38841_5750.N1	04-AUG-2009 13:33:27	Bright	49.500	175	39Del Per	3.0100	19400.	99	38841	No
138	GOM_NL__2PRFIN20090804_133632_000000512081_00210_38841_5751.N1	04-AUG-2009 13:36:32	Bright	51.000	149	45Eps Per	2.8880	30000.	102	38841	No
139	GOM_NL__2PRFIN20090804_134002_000000452081_00210_38841_5752.N1	04-AUG-2009 13:40:02	Bright	44.500	28	12Bet Tau	1.6500	15200.	89	38841	No
140	GOM_NL__2PRFIN20090804_134449_000000672081_00210_38841_5753.N1	04-AUG-2009 13:44:49	Dark	67.000	13	87Alp Tau	0.86700	3800.0	134	38841	No
141	GOM_NL__2PRFIN20090804_135617_000000592081_00210_38841_5754.N1	04-AUG-2009 13:56:17	Dark	58.500	165	34Gam Eri	2.9500	3200.0	117	38841	No
142	GOM_NL__2PRFIN20090804_140541_000000492081_00211_38842_5753.N1	04-AUG-2009 14:05:41	Dark	48.500	157	The1Eri	2.9060	9300.0	97	38842	No
143	GOM_NL__2PRFIN20090804_141601_000000552081_00211_38842_5754.N1	04-AUG-2009 14:16:01	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	38842	No
144	GOM_NL__2PRFIN20090804_141954_000000532081_00211_38842_5755.N1	04-AUG-2009 14:19:54	Straylight	53.000	63	Bet Gru	2.1500	2800.0	106	38842	No
145	GOM_NL__2PRFIN20090804_142441_000000602081_00211_38842_5756.N1	04-AUG-2009 14:24:41	Tw_i_and_stray	60.000	18	24Alp PsA	1.1660	9700.0	120	38842	No
146	GOM_NL__2PRFIN20090804_143130_000000502081_00211_38842_5757.N1	04-AUG-2009 14:31:30	Bright	50.000	142	49Del Cap	2.8500	8900.0	100	38842	No
147	GOM_NL__2PRFIN20090804_143528_000000482081_00211_38842_5758.N1	04-AUG-2009 14:35:28	Bright	47.500	154	22Bet Aqr	2.8990	5700.0	95	38842	No
148	GOM_NL__2PRFIN20090804_144749_000000432081_00211_38842_5759.N1	04-AUG-2009 14:47:49	Bright	42.500	92	53Eps Cyg	2.5000	4500.0	85	38842	No
149	GOM_NL__2PRFIN20090804_145058_000000372081_00211_38842_5760.N1	04-AUG-2009 14:50:58	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	38842	No
150	GOM_NL__2PRFIN20090804_145625_000000412081_00211_38842_5761.N1	04-AUG-2009 14:56:25	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	38842	No
151	GOM_NL__2PRFIN20090804_150435_000000512081_00211_38842_5762.N1	04-AUG-2009 15:04:35	Bright	51.000	76	27Gam Cas	2.3000	30000.	102	38842	No
152	GOM_NL__2PRFIN20090804_151403_000000542081_00211_38842_5763.N1	04-AUG-2009 15:14:03	Bright	53.500	175	39Del Per	3.0100	19400.	107	38842	No
153	GOM_NL__2PRFIN20090804_151707_000000492081_00211_38842_5764.N1	04-AUG-2009 15:17:07	Bright	49.000	149	45Eps Per	2.8880	30000.	98	38842	No
154	GOM_NL__2PRFIN20090804_152038_000000472081_00211_38842_5765.N1	04-AUG-2009 15:20:38	Bright	47.000	28	12Bet Tau	1.6500	15200.	94	38842	No
155	GOM_NL__2PRFIN20090804_152525_000000592081_00211_38842_5766.N1	04-AUG-2009 15:25:25	Dark	58.500	13	87Alp Tau	0.86700	3800.0	117	38842	No
156	GOM_NL__2PRFIN20090804_153112_000000462081_00211_38842_5767.N1	04-AUG-2009 15:31:12	Dark	46.000	128	67Bet Eri	2.7840	9700.0	92	38842	No
157	GOM_NL__2PRFIN20090804_153654_000000582081_00211_38842_5768.N1	04-AUG-2009 15:36:54	Dark	57.500	165	34Gam Eri	2.9500	3200.0	115	38842	No
158	GOM_NL__2PRFIN20090804_154618_000000472081_00212_38843_5767.N1	04-AUG-2009 15:46:18	Dark	47.000	157	The1Eri	2.9060	9300.0	94	38843	No
159	GOM_NL__2PRFIN20090804_155638_000000562081_00212_38843_5768.N1	04-AUG-2009 15:56:38	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	38843	No
160	GOM_NL__2PRFIN20090804_160031_000000542081_00212_38843_5769.N1	04-AUG-2009 16:00:31	Straylight	53.500	63	Bet Gru	2.1500	2800.0	107	38843	No



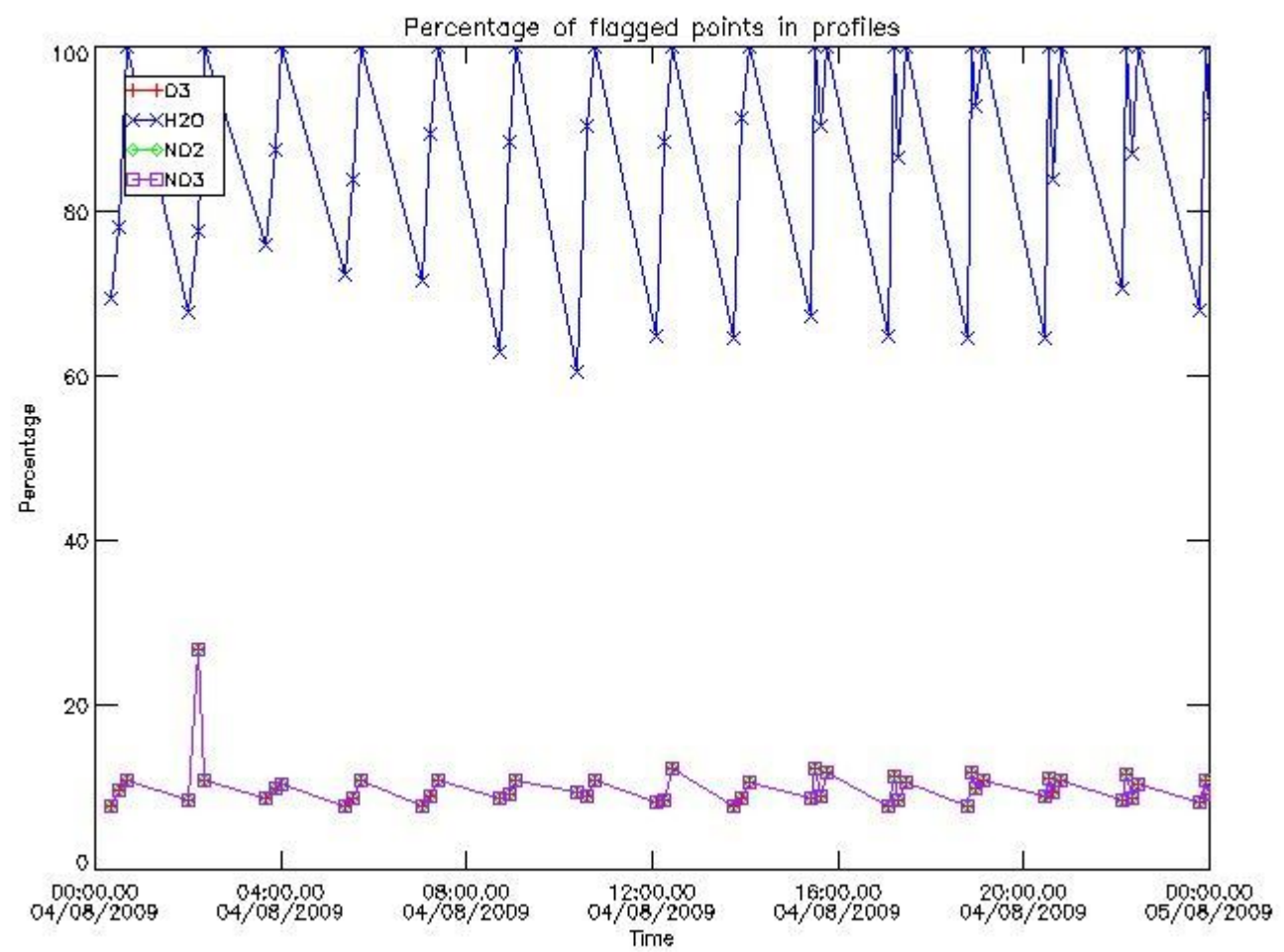
161	GOM_NL__2PRFIN20090804_160518_00000622081_00212_38843_5770.N1	04-AUG-2009 16:05:18	Twilight	61.500	18	24Alp PsA	1.1660	9700.0	123	38843	No
162	GOM_NL__2PRFIN20090804_161205_00000512081_00212_38843_5771.N1	04-AUG-2009 16:12:05	Bright	50.500	142	49Del Cap	2.8500	8900.0	101	38843	No
163	GOM_NL__2PRFIN20090804_161604_00000472081_00212_38843_5772.N1	04-AUG-2009 16:16:04	Bright	47.000	154	22Bet Aqr	2.8990	5700.0	94	38843	No
164	GOM_NL__2PRFIN20090804_162825_00000412081_00212_38843_5773.N1	04-AUG-2009 16:28:25	Bright	40.500	92	53Eps Cyg	2.5000	4500.0	81	38843	No
165	GOM_NL__2PRFIN20090804_163134_00000402081_00212_38843_5774.N1	04-AUG-2009 16:31:34	Bright	39.500	19	50Alp Cyg	1.2460	10500.	79	38843	No
166	GOM_NL__2PRFIN20090804_163700_00000402081_00212_38843_5775.N1	04-AUG-2009 16:37:00	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	38843	No
167	GOM_NL__2PRFIN20090804_164307_00000712081_00212_38843_5776.N1	04-AUG-2009 16:43:07	Bright	70.500	74	11Bet Cas	2.2680	6600.0	141	38843	No
168	GOM_NL__2PRFIN20090804_164510_00000492081_00212_38843_5777.N1	04-AUG-2009 16:45:10	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	38843	No
169	GOM_NL__2PRFIN20090804_165438_00000472081_00212_38843_5778.N1	04-AUG-2009 16:54:38	Bright	47.000	175	39Del Per	3.0100	19400.	94	38843	No
170	GOM_NL__2PRFIN20090804_165743_00000512081_00212_38843_5779.N1	04-AUG-2009 16:57:43	Bright	50.500	149	45Eps Per	2.8880	30000.	101	38843	No
171	GOM_NL__2PRFIN20090804_170114_00000472081_00212_38843_5780.N1	04-AUG-2009 17:01:14	Bright	47.000	28	12Bet Tau	1.6500	15200.	94	38843	No
172	GOM_NL__2PRFIN20090804_170602_00000662081_00212_38843_5781.N1	04-AUG-2009 17:06:02	Dark	66.000	13	87Alp Tau	0.86700	3800.0	132	38843	No
173	GOM_NL__2PRFIN20090804_171148_00000452081_00212_38843_5782.N1	04-AUG-2009 17:11:48	Dark	45.000	128	67Bet Eri	2.7840	9700.0	90	38843	No
174	GOM_NL__2PRFIN20090804_171731_00000602081_00212_38843_5783.N1	04-AUG-2009 17:17:31	Dark	60.000	165	34Gam Eri	2.9500	3200.0	120	38843	No
175	GOM_NL__2PRFIN20090804_172655_00000482081_00213_38844_5784.N1	04-AUG-2009 17:26:55	Dark	48.000	157	The1Eri	2.9060	9300.0	96	38844	No
176	GOM_NL__2PRFIN20090804_173715_00000552081_00213_38844_5785.N1	04-AUG-2009 17:37:15	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	38844	No
177	GOM_NL__2PRFIN20090804_174107_00000462081_00213_38844_5786.N1	04-AUG-2009 17:41:07	Straylight	46.000	63	Bet Gru	2.1500	2800.0	92	38844	No
178	GOM_NL__2PRFIN20090804_174555_00000632081_00213_38844_5787.N1	04-AUG-2009 17:45:55	Twilight	63.000	18	24Alp PsA	1.1660	9700.0	126	38844	No
179	GOM_NL__2PRFIN20090804_175242_00000502081_00213_38844_5788.N1	04-AUG-2009 17:52:42	Bright	50.000	142	49Del Cap	2.8500	8900.0	100	38844	No
180	GOM_NL__2PRFIN20090804_175640_00000472081_00213_38844_5789.N1	04-AUG-2009 17:56:40	Bright	47.000	154	22Bet Aqr	2.8990	5700.0	94	38844	No
181	GOM_NL__2PRFIN20090804_180900_00000422081_00213_38844_5790.N1	04-AUG-2009 18:09:00	Bright	41.500	92	53Eps Cyg	2.5000	4500.0	83	38844	No
182	GOM_NL__2PRFIN20090804_181210_00000412081_00213_38844_5791.N1	04-AUG-2009 18:12:10	Bright	41.000	19	50Alp Cyg	1.2460	10500.	82	38844	No
183	GOM_NL__2PRFIN20090804_181736_00000402081_00213_38844_5792.N1	04-AUG-2009 18:17:36	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	38844	No
184	GOM_NL__2PRFIN20090804_182342_00000492081_00213_38844_5793.N1	04-AUG-2009 18:23:42	Bright	49.000	74	11Bet Cas	2.2680	6600.0	98	38844	No
185	GOM_NL__2PRFIN20090804_182546_00000512081_00213_38844_5794.N1	04-AUG-2009 18:25:46	Bright	51.000	76	27Gam Cas	2.3000	30000.	102	38844	No
186	GOM_NL__2PRFIN20090804_183514_00000452081_00213_38844_5795.N1	04-AUG-2009 18:35:14	Bright	45.000	175	39Del Per	3.0100	19400.	90	38844	No
187	GOM_NL__2PRFIN20090804_183819_00000492081_00213_38844_5796.N1	04-AUG-2009 18:38:19	Bright	48.500	149	45Eps Per	2.8880	30000.	97	38844	No
188	GOM_NL__2PRFIN20090804_184150_00000462081_00213_38844_5797.N1	04-AUG-2009 18:41:50	Bright	45.500	28	12Bet Tau	1.6500	15200.	91	38844	No
189	GOM_NL__2PRFIN20090804_184638_00000672081_00213_38844_5798.N1	04-AUG-2009 18:46:38	Dark	67.000	13	87Alp Tau	0.86700	3800.0	134	38844	No
190	GOM_NL__2PRFIN20090804_185224_00000442081_00213_38844_5799.N1	04-AUG-2009 18:52:24	Dark	43.500	128	67Bet Eri	2.7840	9700.0	87	38844	No
191	GOM_NL__2PRFIN20090804_185808_00000572081_00213_38844_5800.N1	04-AUG-2009 18:58:08	Dark	56.500	165	34Gam Eri	2.9500	3200.0	113	38844	No
192	GOM_NL__2PRFIN20090804_190732_00000482081_00214_38845_5800.N1	04-AUG-2009 19:07:32	Dark	47.500	157	The1Eri	2.9060	9300.0	95	38845	No
193	GOM_NL__2PRFIN20090804_191752_00000542081_00214_38845_5801.N1	04-AUG-2009 19:17:52	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	38845	No
194	GOM_NL__2PRFIN20090804_192144_00000562081_00214_38845_5802.N1	04-AUG-2009 19:21:44	Straylight	55.500	63	Bet Gru	2.1500	2800.0	111	38845	No
195	GOM_NL__2PRFIN20090804_192631_00000612081_00214_38845_5803.N1	04-AUG-2009 19:26:31	Twilight	61.000	18	24Alp PsA	1.1660	9700.0	122	38845	No
196	GOM_NL__2PRFIN20090804_193317_00000502081_00214_38845_5804.N1	04-AUG-2009 19:33:17	Bright	49.500	142	49Del Cap	2.8500	8900.0	99	38845	No
197	GOM_NL__2PRFIN20090804_193716_00000512081_00214_38845_5805.N1	04-AUG-2009 19:37:16	Bright	50.500	154	22Bet Aqr	2.8990	5700.0	101	38845	No
198	GOM_NL__2PRFIN20090804_194936_00000402081_00214_38845_5806.N1	04-AUG-2009 19:49:36	Bright	40.000	92	53Eps Cyg	2.5000	4500.0	80	38845	No
199	GOM_NL__2PRFIN20090804_195245_00000412081_00214_38845_5807.N1	04-AUG-2009 19:52:45	Bright	41.000	19	50Alp Cyg	1.2460	10500.	82	38845	No
200	GOM_NL__2PRFIN20090804_195811_00000412081_00214_38845_5808.N1	04-AUG-2009 19:58:11	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	38845	No
201	GOM_NL__2PRFIN20090804_200418_00000512081_00214_38845_5809.N1	04-AUG-2009 20:04:18	Bright	50.500	74	11Bet Cas	2.2680	6600.0	101	38845	No
202	GOM_NL__2PRFIN20090804_200621_00000492081_00214_38845_5810.N1	04-AUG-2009 20:06:21	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	38845	No
203	GOM_NL__2PRFIN20090804_201550_00000452081_00214_38845_5811.N1	04-AUG-2009 20:15:50	Bright	45.000	175	39Del Per	3.0100	19400.	90	38845	No
204	GOM_NL__2PRFIN20090804_201855_00000462081_00214_38845_5812.N1	04-AUG-2009 20:18:55	Bright	46.000	149	45Eps Per	2.8880	30000.	92	38845	No
205	GOM_NL__2PRFIN20090804_202226_00000472081_00214_38845_5813.N1	04-AUG-2009 20:22:26	Bright	47.000	28	12Bet Tau	1.6500	15200.	94	38845	No
206	GOM_NL__2PRFIN20090804_202715_00000572081_00214_38845_5814.N1	04-AUG-2009 20:27:15	Dark	57.000	13	87Alp Tau	0.86700	3800.0	114	38845	No
207	GOM_NL__2PRFIN20090804_203301_00000462081_00214_38845_5815.N1	04-AUG-2009 20:33:01	Dark	46.000	128	67Bet Eri	2.7840	9700.0	92	38845	No
208	GOM_NL__2PRFIN20090804_203846_00000592081_00214_38845_5816.N1	04-AUG-2009 20:38:46	Dark	59.000	165	34Gam Eri	2.9500	3200.0	118	38845	No
209	GOM_NL__2PRFIN20090804_204809_00000472081_00215_38846_5819.N1	04-AUG-2009 20:48:09	Dark	47.000	157	The1Eri	2.9060	9300.0	94	38846	No
210	GOM_NL__2PRFIN20090804_205829_00000542081_00215_38846_5820.N1	04-AUG-2009 20:58:29	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	38846	No
211	GOM_NL__2PRFIN20090804_210220_00000602081_00215_38846_5821.N1	04-AUG-2009 21:02:20	Straylight	60.000	63	Bet Gru	2.1500	2800.0	120	38846	No
212	GOM_NL__2PRFIN20090804_210708_00000612081_00215_38846_5822.N1	04-AUG-2009 21:07:08	Twilight	60.500	18	24Alp PsA	1.1660	9700.0	121	38846	No
213	GOM_NL__2PRFIN20090804_211354_00000472081_00215_38846_5823.N1	04-AUG-2009 21:13:54	Bright	47.000	142	49Del Cap	2.8500	8900.0	94	38846	No
214	GOM_NL__2PRFIN20090804_211752_00000492081_00215_38846_5824.N1	04-AUG-2009 21:17:52	Bright	49.000	154	22Bet Aqr	2.8990	5700.0	98	38846	No
215	GOM_NL__2PRFIN20090804_213011_00000412081_00215_38846_5825.N1	04-AUG-2009 21:30:11	Bright	41.000	92	53Eps Cyg	2.5000	4500.0	82	38846	No
216	GOM_NL__2PRFIN20090804_213321_00000422081_00215_38846_5826.N1	04-AUG-2009 21:33:21	Bright	41.500	19	50Alp Cyg	1.2460	10500.	83	38846	No
217	GOM_NL__2PRFIN20090804_213847_00000402081_00215_38846_5827.N1	04-AUG-2009 21:38:47	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	38846	No
218	GOM_NL__2PRFIN20090804_214453_00000492081_00215_38846_5828.N1	04-AUG-2009 21:44:53	Bright	48.500	74	11Bet Cas	2.2680	6600.0	97	38846	No
219	GOM_NL__2PRFIN20090804_214656_00000512081_00215_38846_5829.N1	04-AUG-2009 21:46:56	Bright	50.500	76	27Gam Cas	2.3000	30000.	101	38846	No

220	GOM_NL__2PRFIN20090804_215336_000000502081_00215_38846_5830.N1	04-AUG-2009 21:53:36	Bright	50.000	160	23Gam Per	2.9300	4700.0	100	38846	No
221	GOM_NL__2PRFIN20090804_215625_000000482081_00215_38846_5831.N1	04-AUG-2009 21:56:25	Bright	47.500	175	39Del Per	3.0100	19400.	95	38846	No
222	GOM_NL__2PRFIN20090804_220302_000000472081_00215_38846_5832.N1	04-AUG-2009 22:03:02	Bright	47.000	28	12Bet Tau	1.6500	15200.	94	38846	No
223	GOM_NL__2PRFIN20090804_220751_000000672081_00215_38846_5833.N1	04-AUG-2009 22:07:51	Dark	67.000	13	87Alp Tau	0.86700	3800.0	134	38846	No
224	GOM_NL__2PRFIN20090804_221337_000000442081_00215_38846_5834.N1	04-AUG-2009 22:13:37	Dark	43.500	128	67Bet Eri	2.7840	9700.0	87	38846	No
225	GOM_NL__2PRFIN20090804_221922_000000582081_00215_38846_5835.N1	04-AUG-2009 22:19:22	Dark	58.000	165	34Gam Eri	2.9500	3200.0	116	38846	No
226	GOM_NL__2PRFIN20090804_222846_000000492081_00216_38847_5834.N1	04-AUG-2009 22:28:46	Dark	49.000	157	The1Eri	2.9060	9300.0	98	38847	No
227	GOM_NL__2PRFIN20090804_223906_000000532081_00216_38847_5835.N1	04-AUG-2009 22:39:06	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	38847	No
228	GOM_NL__2PRFIN20090804_224257_000000542081_00216_38847_5836.N1	04-AUG-2009 22:42:57	Straylight	54.000	63	Bet Gru	2.1500	2800.0	108	38847	No
229	GOM_NL__2PRFIN20090804_224744_000000612081_00216_38847_5837.N1	04-AUG-2009 22:47:44	Tw_i_and_stray	61.000	18	24Alp PsA	1.1660	9700.0	122	38847	No
230	GOM_NL__2PRFIN20090804_225430_000000482081_00216_38847_5838.N1	04-AUG-2009 22:54:30	Bright	47.500	142	49Del Cap	2.8500	8900.0	95	38847	No
231	GOM_NL__2PRFIN20090804_225827_000000482081_00216_38847_5839.N1	04-AUG-2009 22:58:27	Bright	47.500	154	22Bet Aqr	2.8990	5700.0	95	38847	No
232	GOM_NL__2PRFIN20090804_231047_000000602081_00216_38847_5840.N1	04-AUG-2009 23:10:47	Bright	59.500	92	53Eps Cyg	2.5000	4500.0	119	38847	No
233	GOM_NL__2PRFIN20090804_231356_000000382081_00216_38847_5841.N1	04-AUG-2009 23:13:56	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	38847	No
234	GOM_NL__2PRFIN20090804_231922_000000372081_00216_38847_5842.N1	04-AUG-2009 23:19:22	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	38847	No
235	GOM_NL__2PRFIN20090804_232528_000000502081_00216_38847_5843.N1	04-AUG-2009 23:25:28	Bright	50.000	74	11Bet Cas	2.2680	6600.0	100	38847	No
236	GOM_NL__2PRFIN20090804_232731_000000492081_00216_38847_5844.N1	04-AUG-2009 23:27:31	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	38847	No
237	GOM_NL__2PRFIN20090804_233411_000000582081_00216_38847_5845.N1	04-AUG-2009 23:34:11	Bright	58.000	160	23Gam Per	2.9300	4700.0	116	38847	No
238	GOM_NL__2PRFIN20090804_233701_000000522081_00216_38847_5846.N1	04-AUG-2009 23:37:01	Bright	52.000	175	39Del Per	3.0100	19400.	104	38847	No
239	GOM_NL__2PRFIN20090804_234338_000000462081_00216_38847_5847.N1	04-AUG-2009 23:43:38	Bright	45.500	28	12Bet Tau	1.6500	15200.	91	38847	No
240	GOM_NL__2PRFIN20090804_234827_000000622081_00216_38847_5848.N1	04-AUG-2009 23:48:27	Dark	61.500	13	87Alp Tau	0.86700	3800.0	123	38847	No
241	GOM_NL__2PRFIN20090804_235414_000000472081_00216_38847_5849.N1	04-AUG-2009 23:54:14	Dark	47.000	128	67Bet Eri	2.7840	9700.0	94	38847	No
242	GOM_NL__2PRFIN20090804_235959_000000612081_00216_38847_5850.N1	04-AUG-2009 23:59:59	Dark	60.500	165	34Gam Eri	2.9500	3200.0	121	38847	No

3. Quality information per product

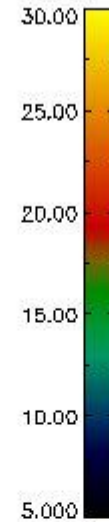
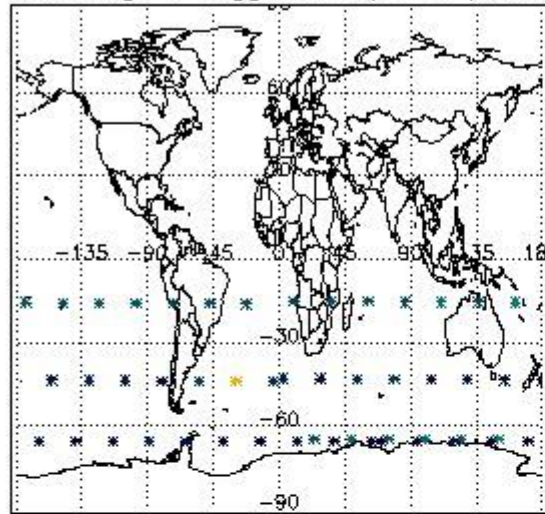
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

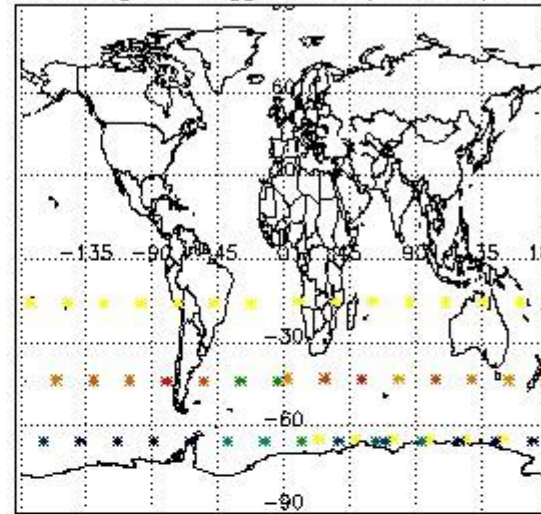


3.2 Plot quality information per product (world map)

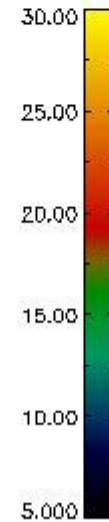
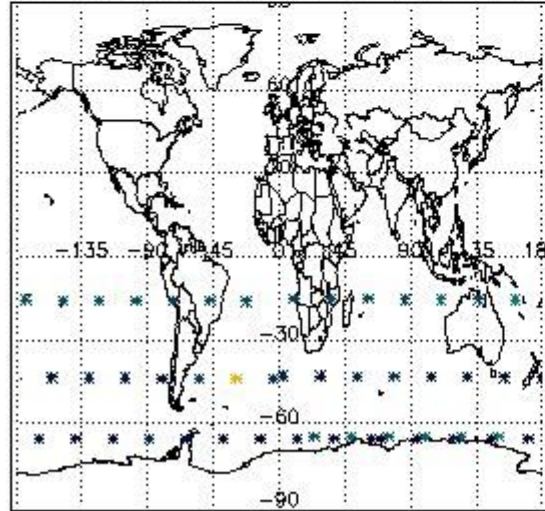
Percentage of flagged data per O3 profile



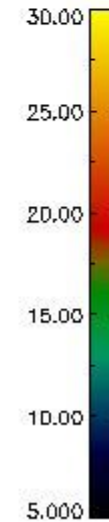
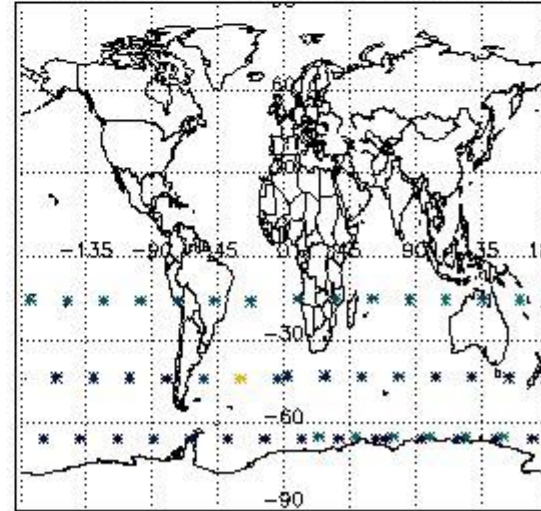
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

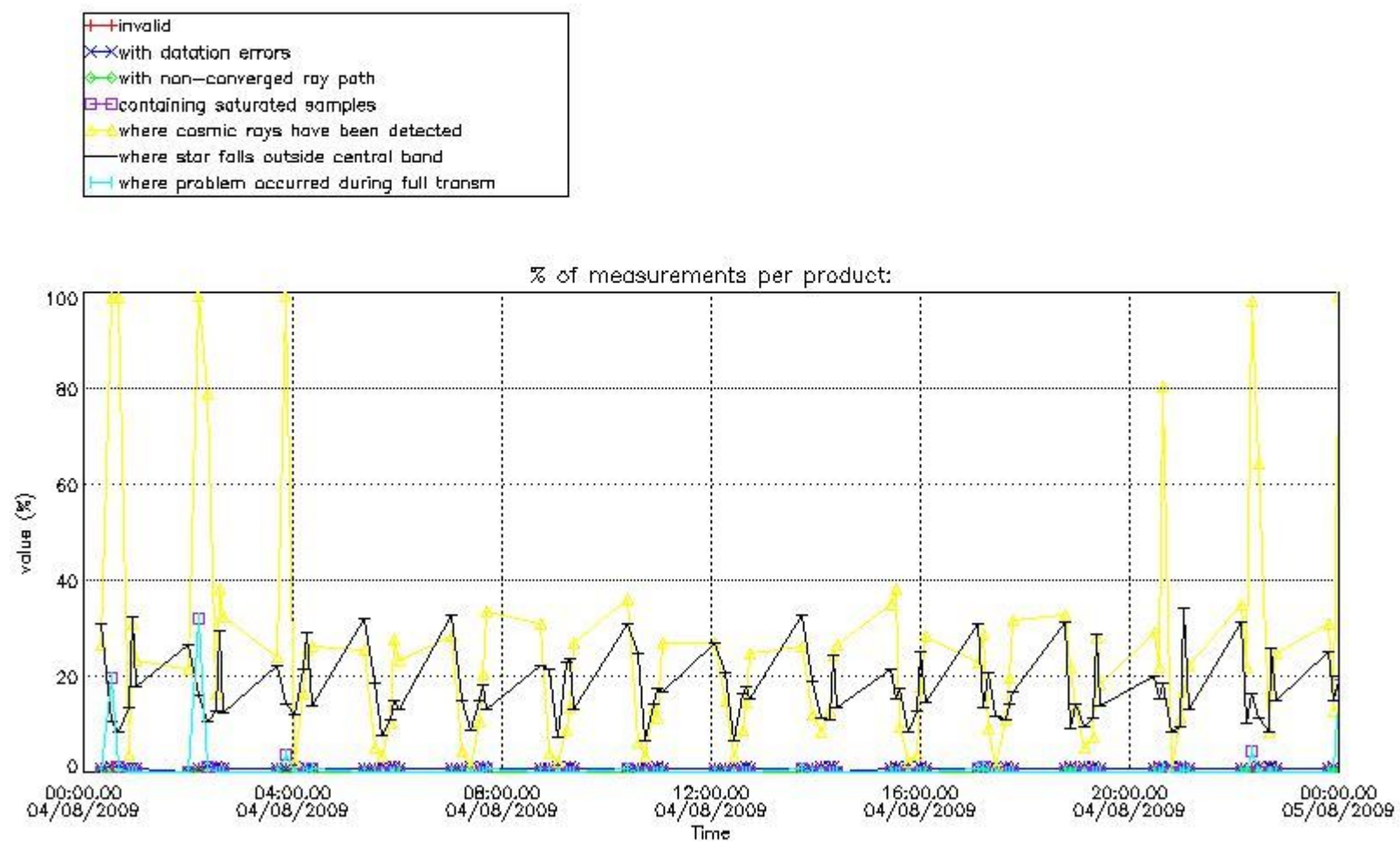


4. Level 1 quality information per product

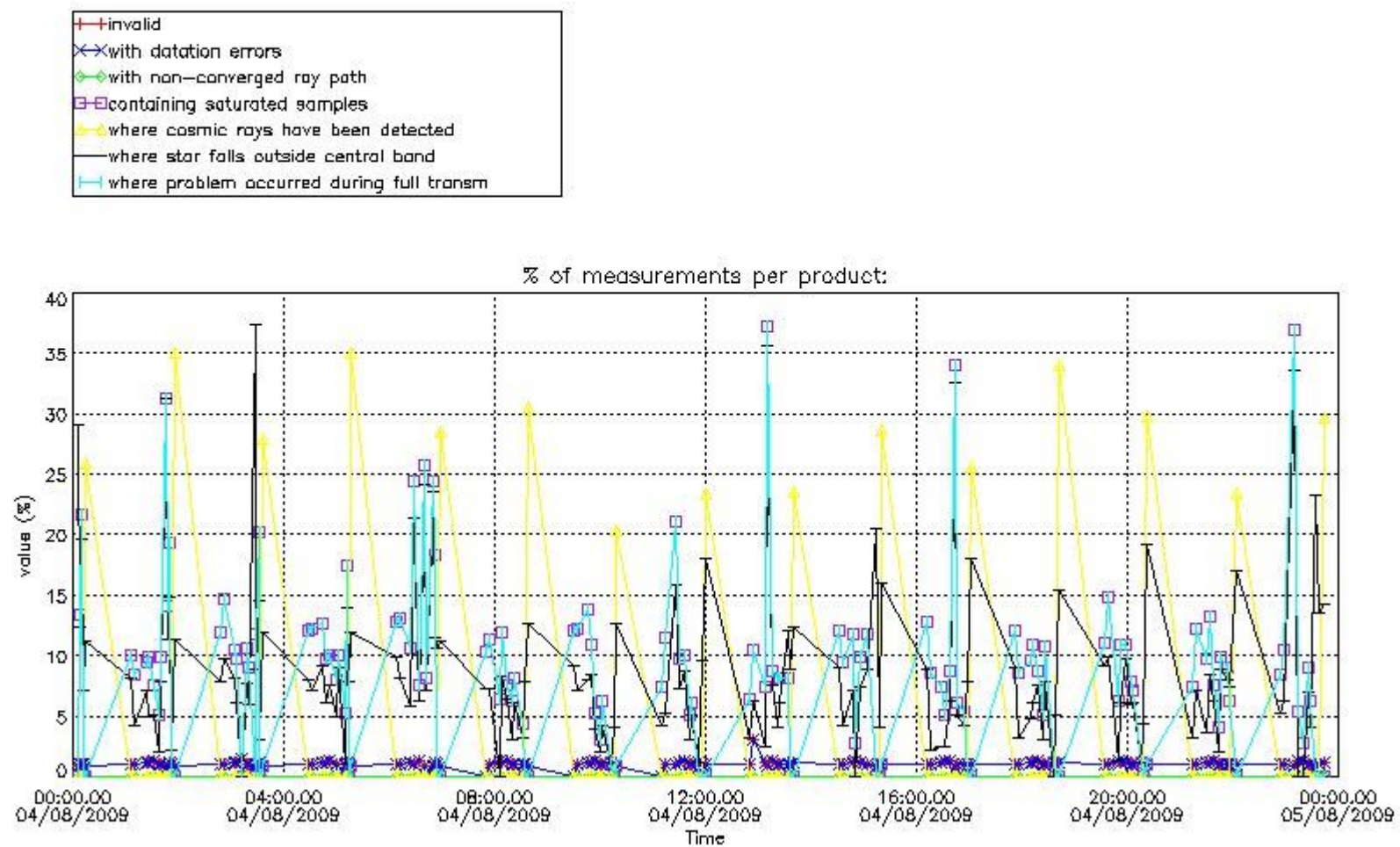
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



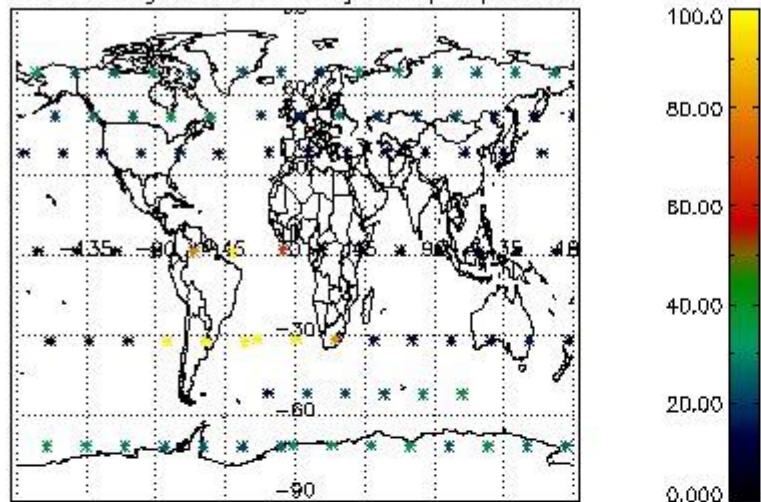
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



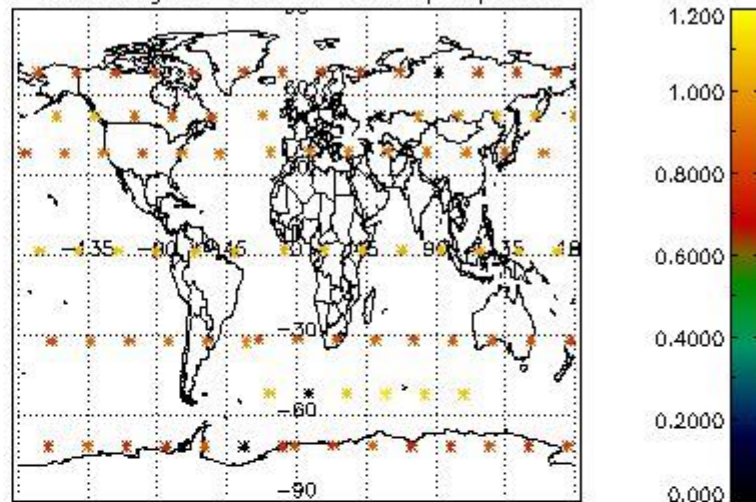
4.2 Plot quality information per product coming from level 1b processing (world map)

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

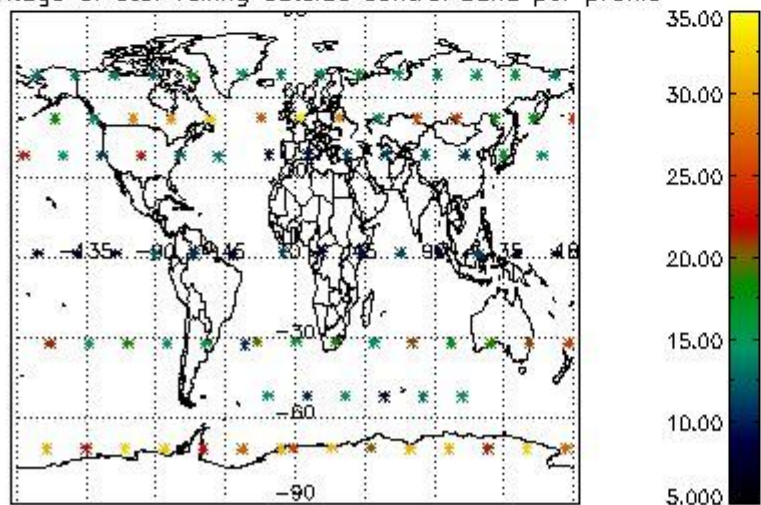
Percentage of cosmic ray hits per profile



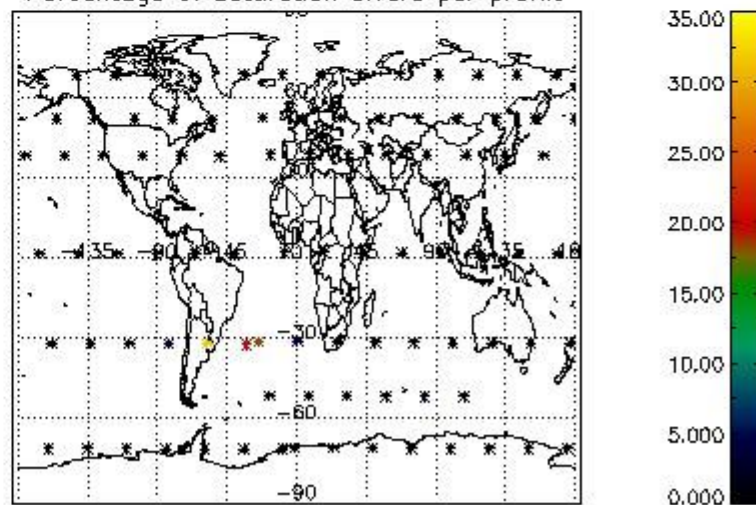
Percentage of datation errors per profile



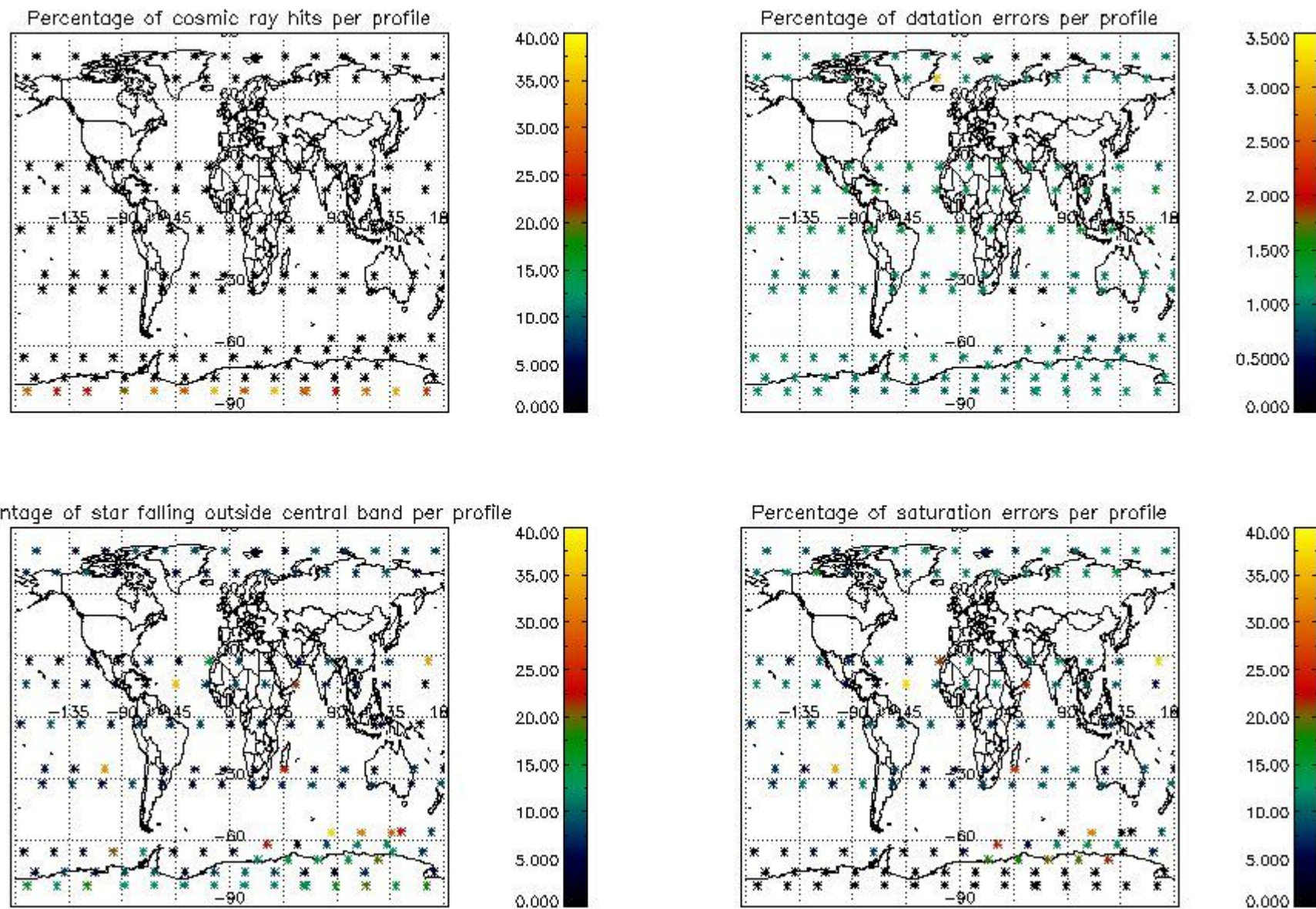
Percentage of star falling outside central band per profile



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

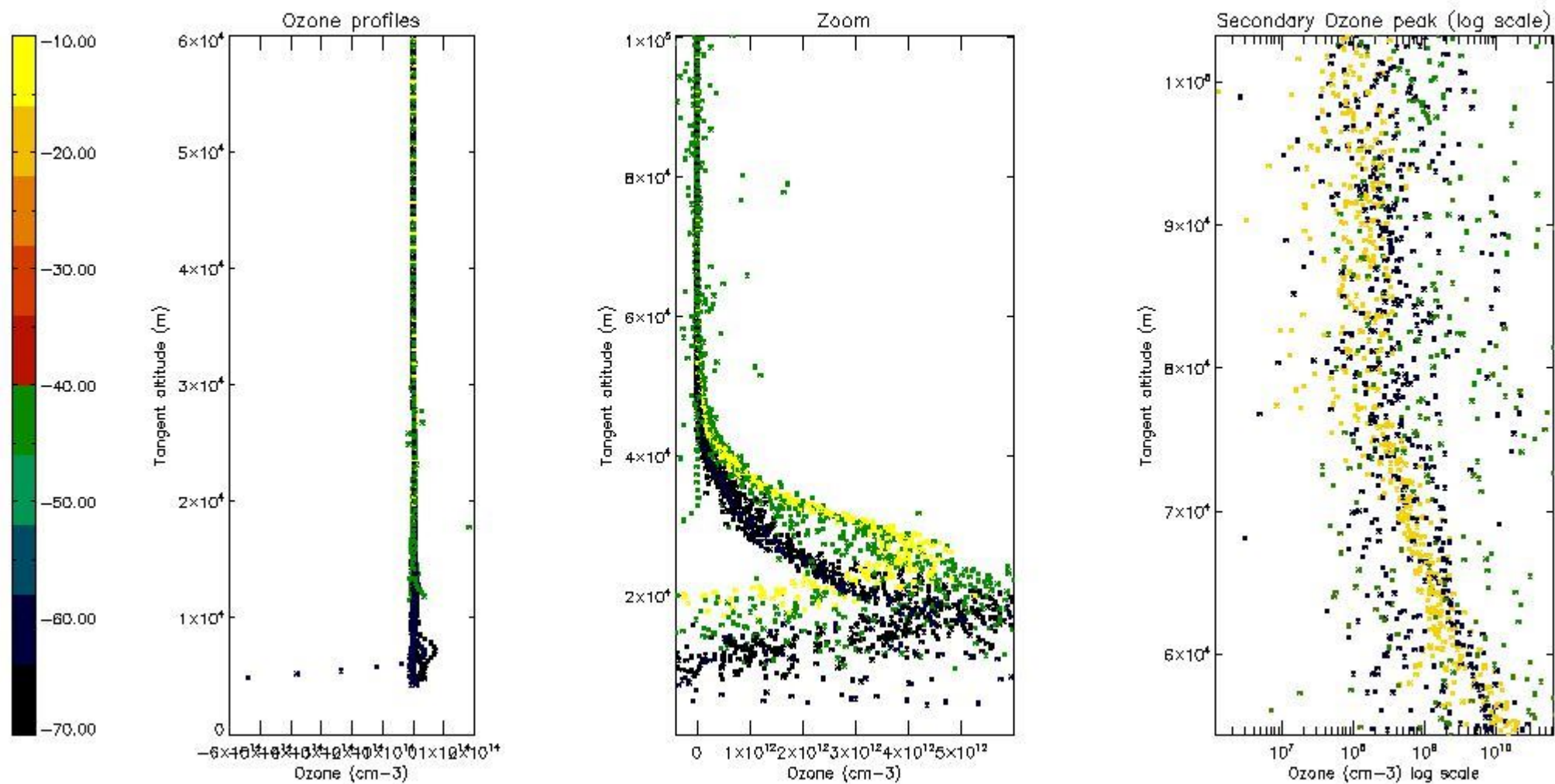
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	23
STD < 20	7

STD < 10	3
STD < 5	1

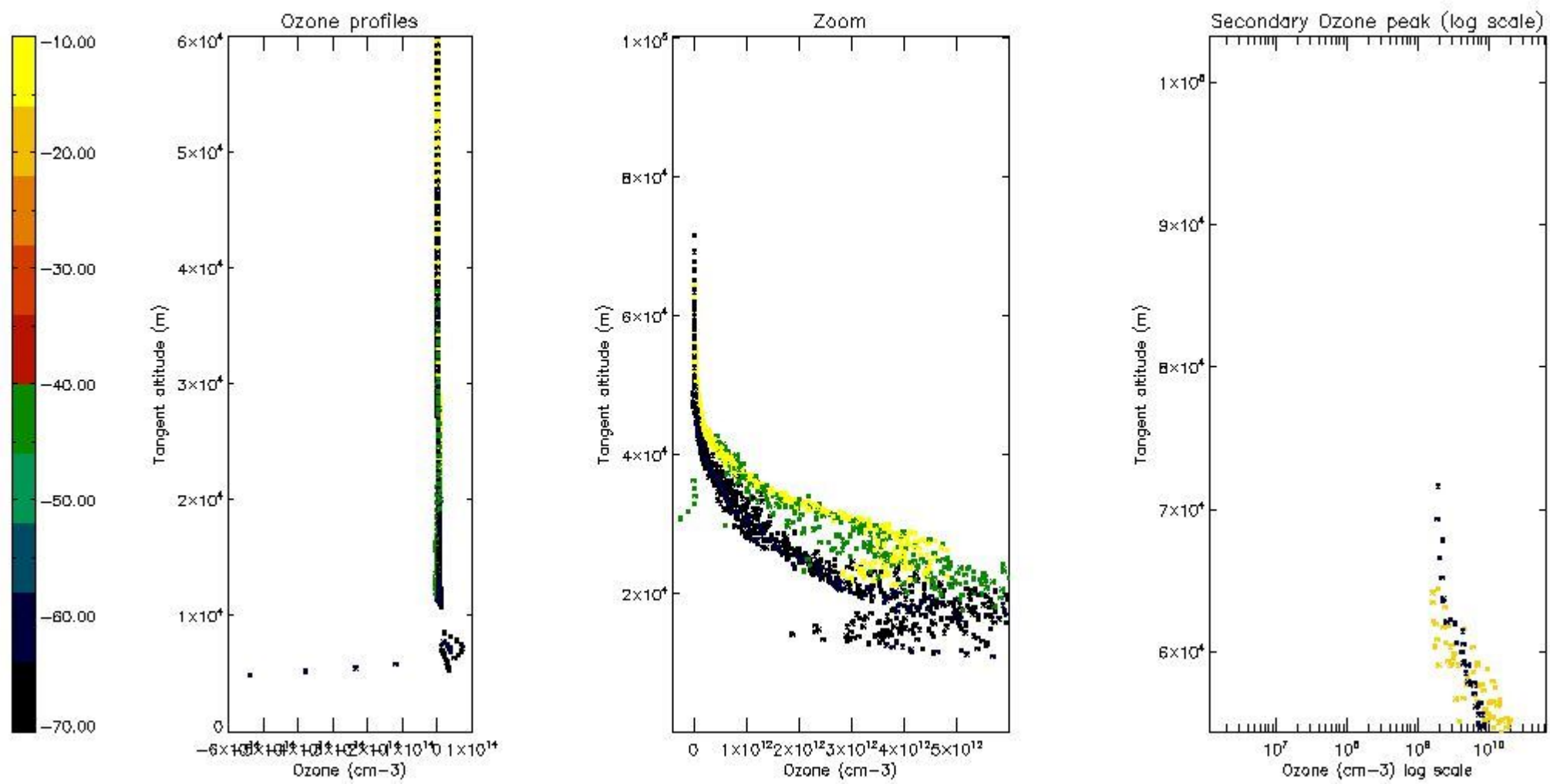
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



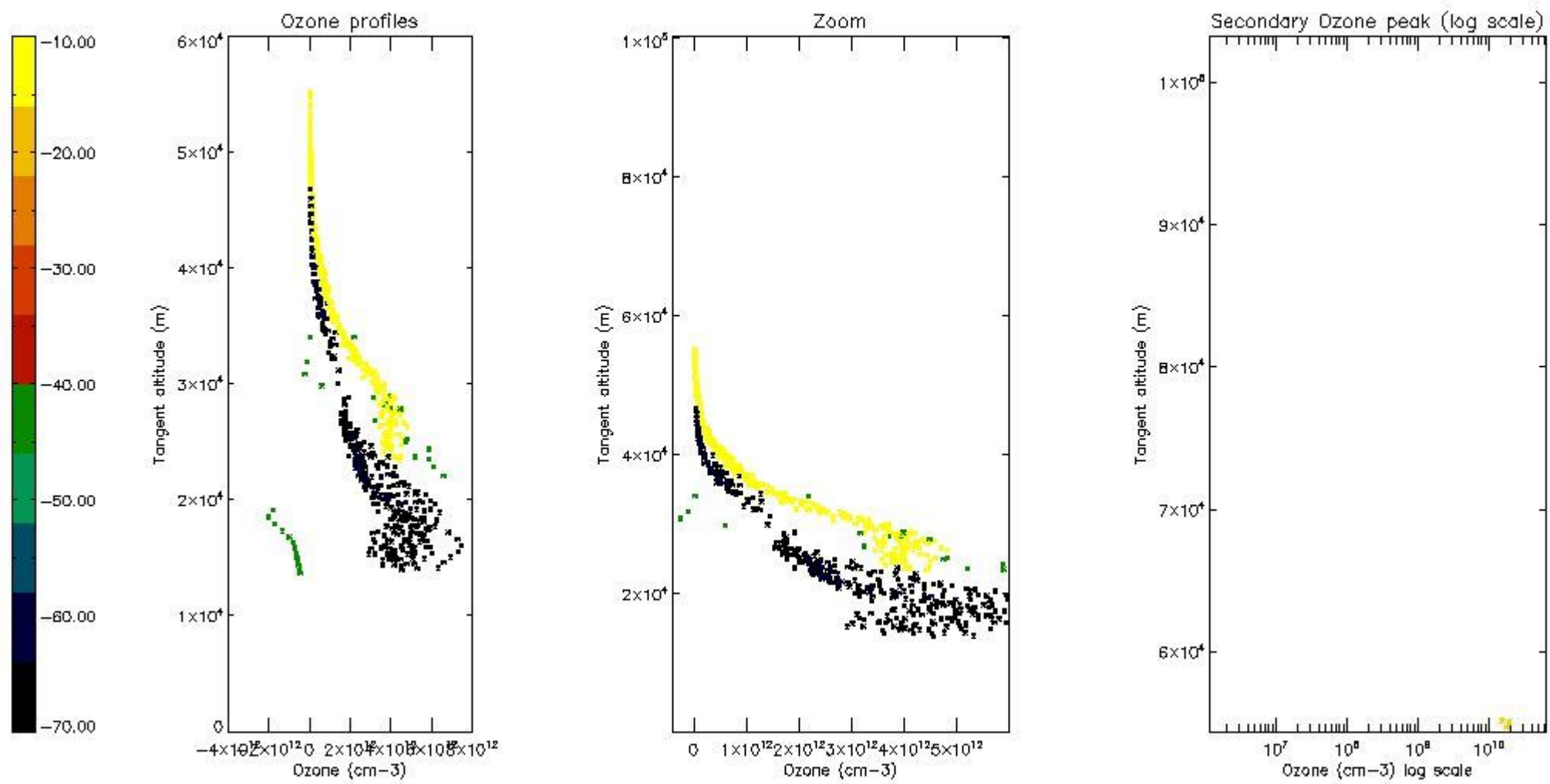
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



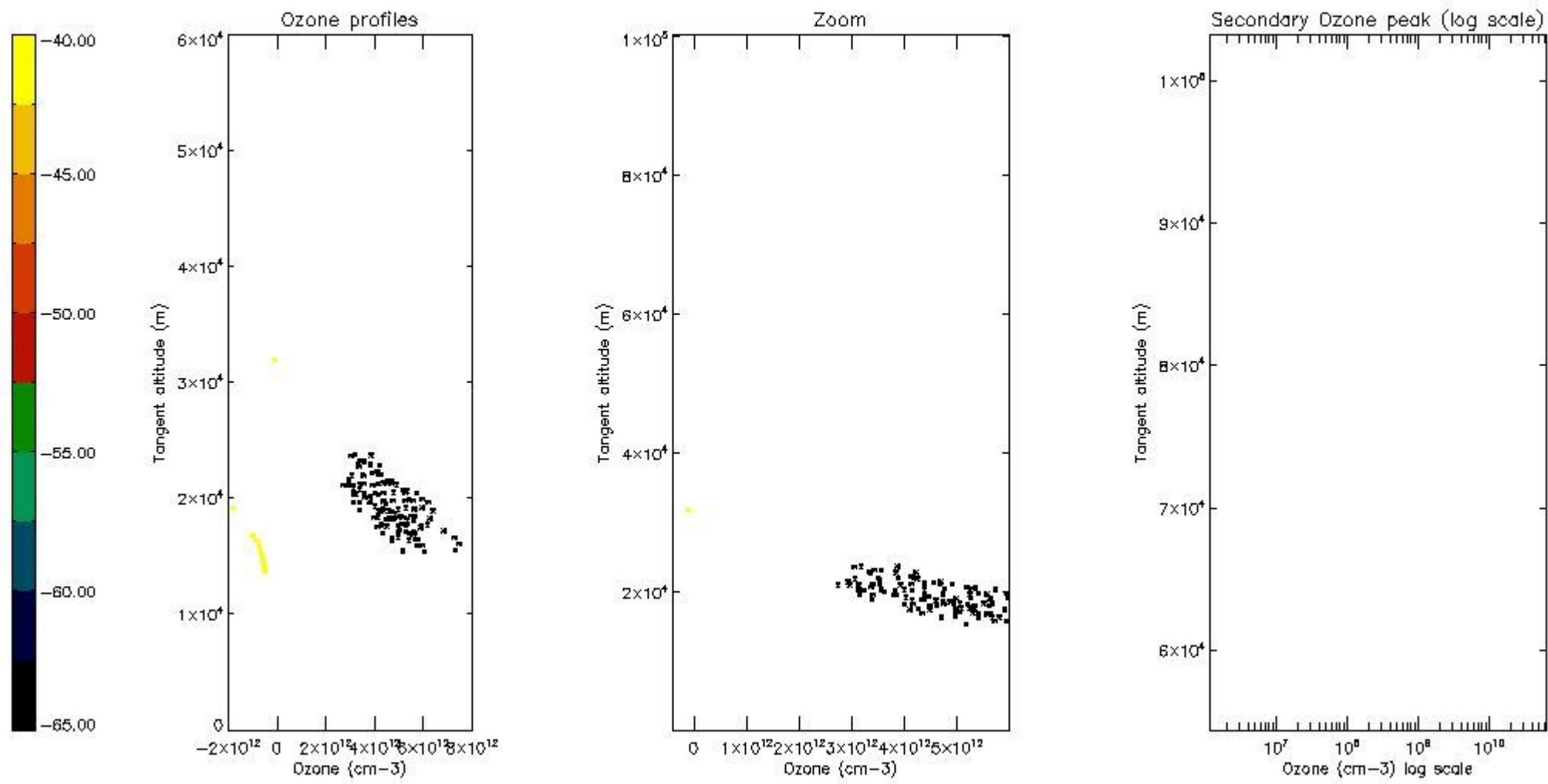
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



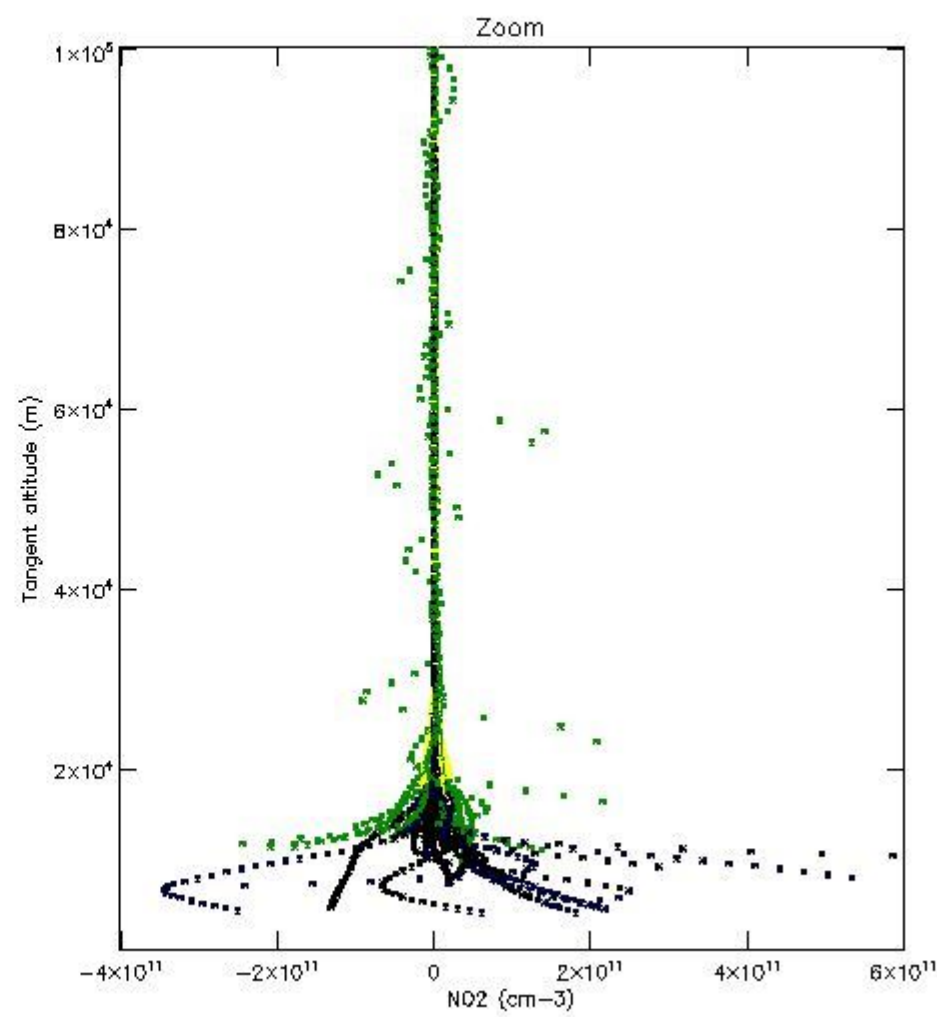
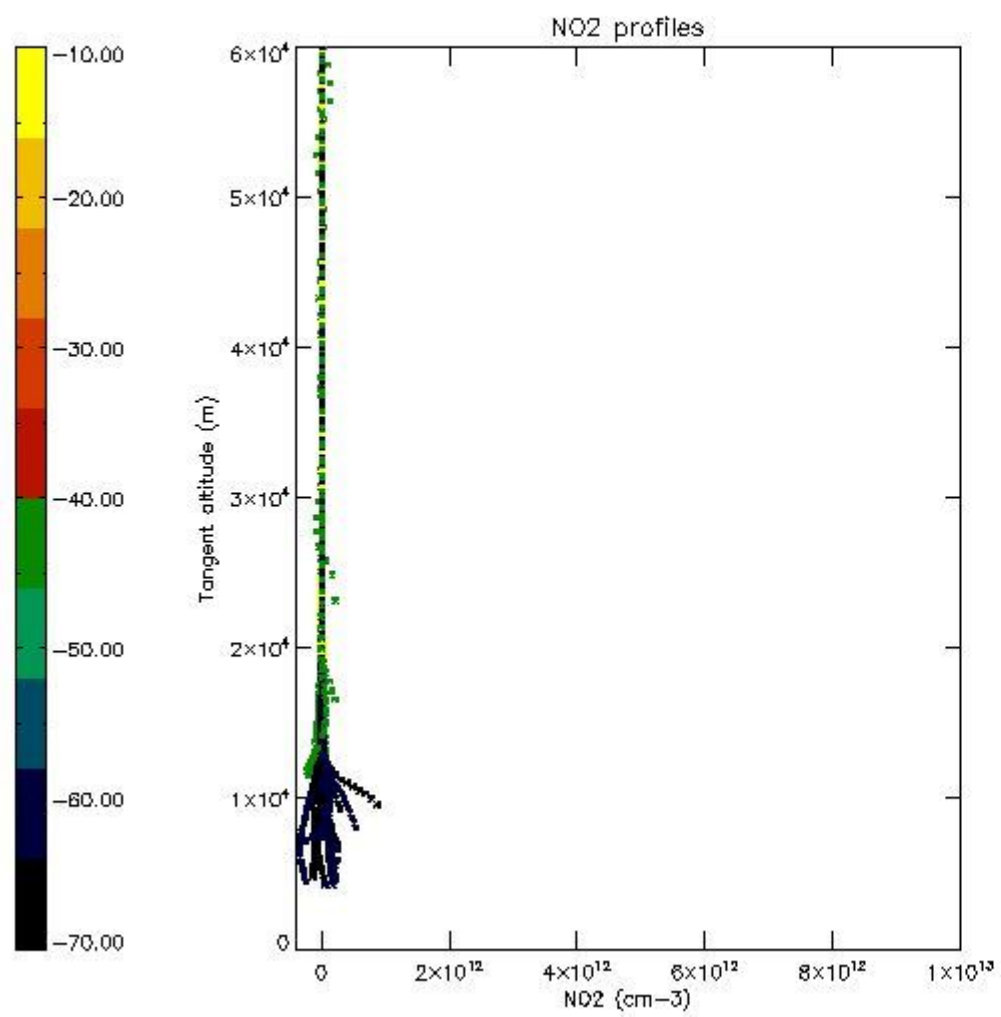
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



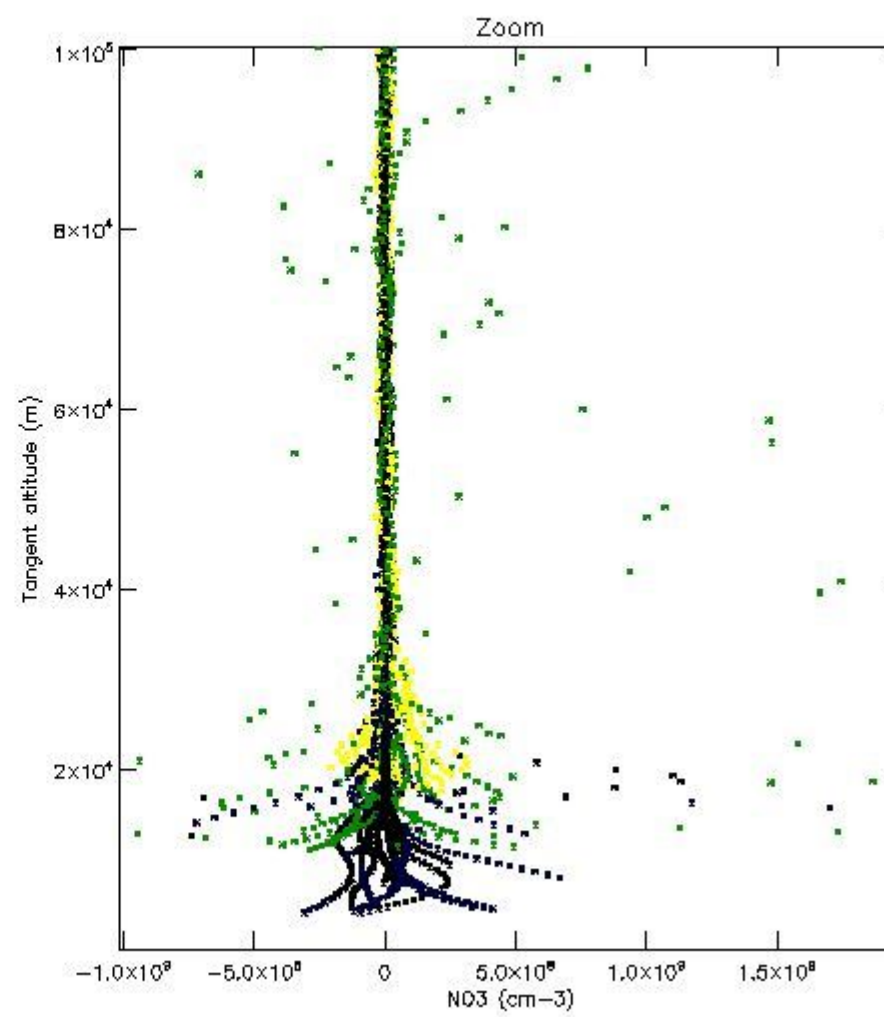
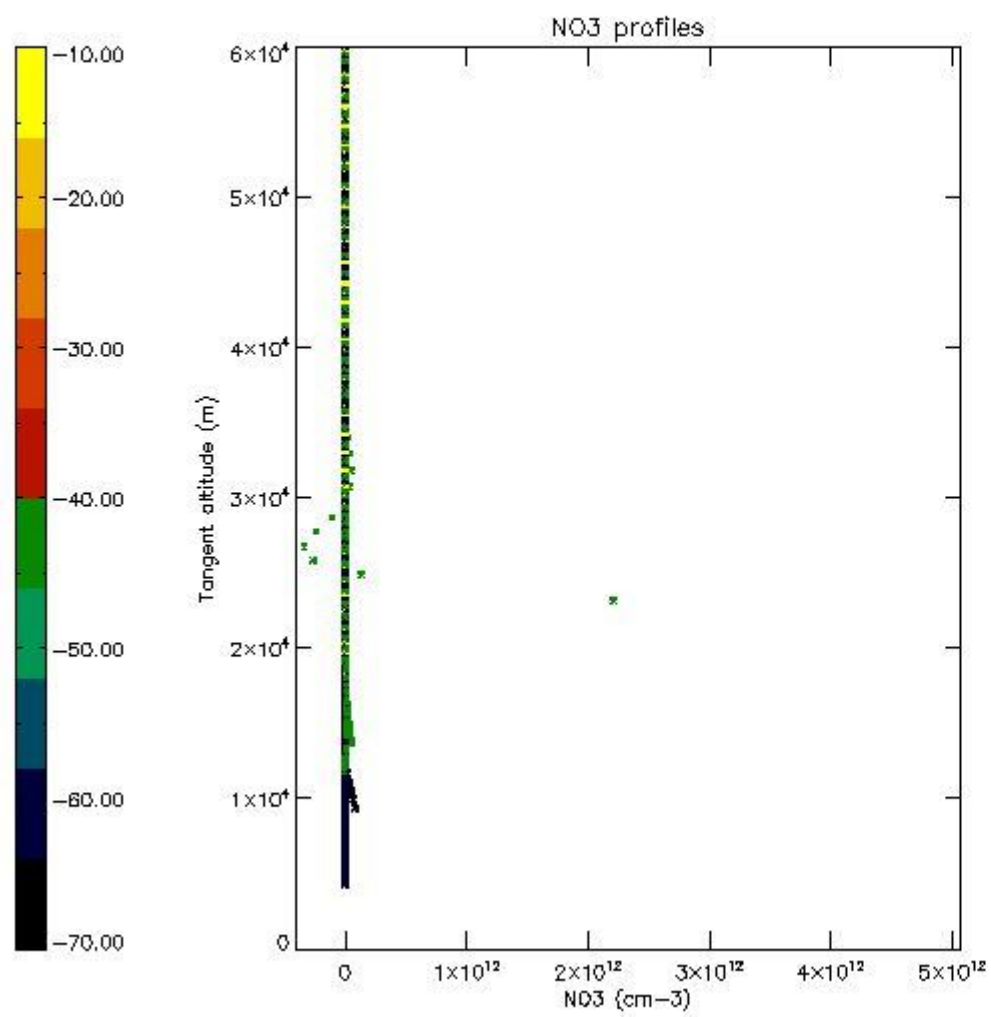
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



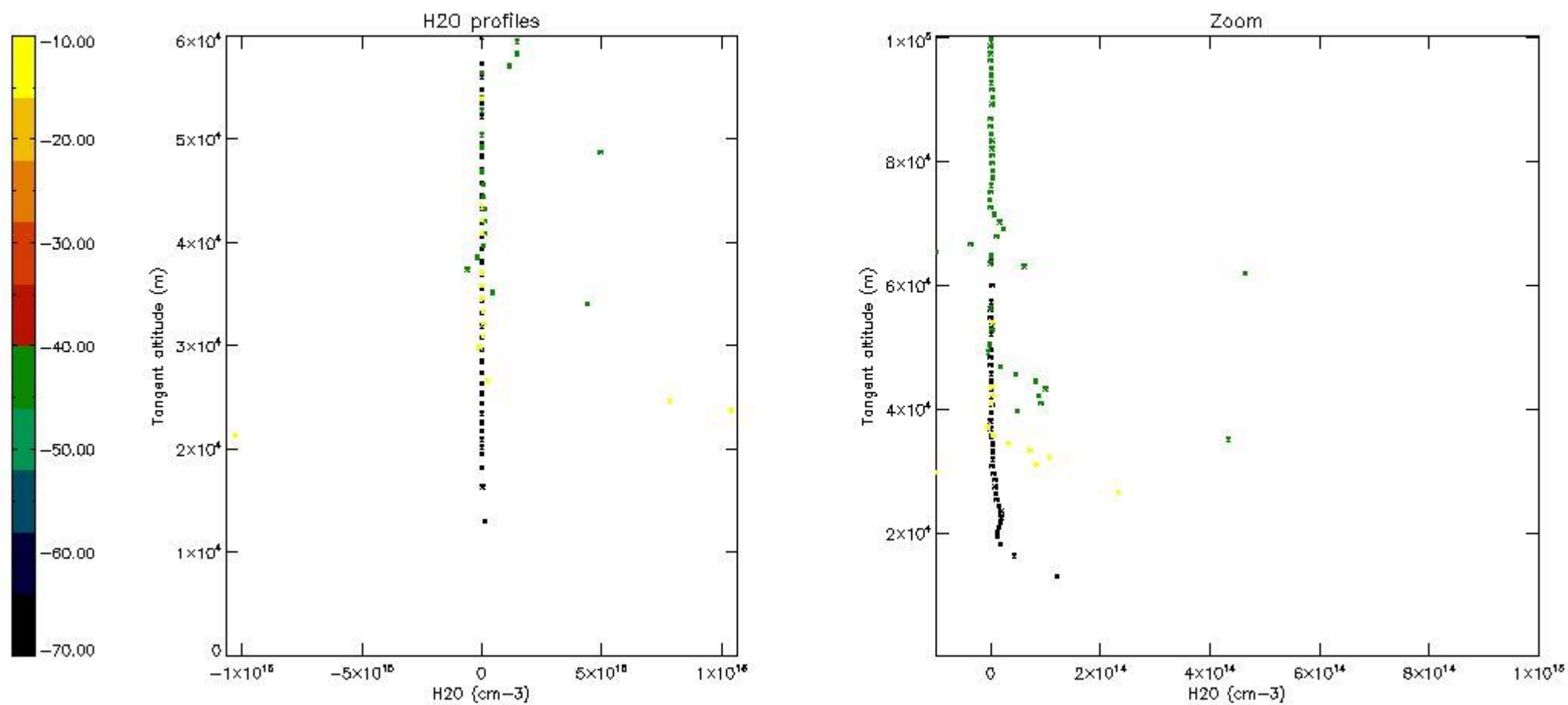
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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	04-AUG-2009 00:05:54
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	04-AUG-2009 00:05:54
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	04-AUG-2009 00:05:54

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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

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

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

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

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

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

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

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

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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% \(dark without errors\)](#)

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[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 \(dark without errors\)](#)

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[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 11:25:43
Data source version	GOMOS/6.01
Start time of products	04-08-2009 (04AUG2009 00:00:00)
Stop time of products	05-08-2009 (05AUG2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	242
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__2PRFIN20090804_000554_000000622081_00202_38833_5615.N1	04-AUG-2009 00:05:54	Bright	62.000	160	23Gam Per	2.9300	4700.0	124	38833	No
2	GOM_NL__2PRFIN20090804_000737_000000532081_00202_38833_5616.N1	04-AUG-2009 00:07:37	Bright	52.500	35	33Alp Per	1.7950	6250.0	105	38833	No
3	GOM_NL__2PRFIN20090804_000952_000000462081_00202_38833_5617.N1	04-AUG-2009 00:09:52	Bright	46.000	6	13Alp Aur	0.080000	3400.0	92	38833	No
4	GOM_NL__2PRFIN20090804_001145_000000502081_00202_38833_5618.N1	04-AUG-2009 00:11:45	Bright	49.500	149	45Eps Per	2.8880	30000.	99	38833	No
5	GOM_NL__2PRFIN20090804_001458_000000582081_00202_38833_5619.N1	04-AUG-2009 00:14:58	Twilight	58.000	150	44Zet Per	2.8900	28000.	116	38833	No
6	GOM_NL__2PRFIN20090804_001958_000000662081_00202_38833_5620.N1	04-AUG-2009 00:19:58	Dark	66.000	13	87Alp Tau	0.86700	3800.0	132	38833	No
7	GOM_NL__2PRFIN20090804_003121_000000532081_00202_38833_5621.N1	04-AUG-2009 00:31:21	Dark	53.000	165	34Gam Eri	2.9500	3200.0	106	38833	No
8	GOM_NL__2PRFIN20090804_004046_000000482081_00203_38834_5619.N1	04-AUG-2009 00:40:46	Dark	47.500	157	The1Eri	2.9060	9300.0	95	38834	No
9	GOM_NL__2PRFIN20090804_005105_000000562081_00203_38834_5620.N1	04-AUG-2009 00:51:05	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	38834	No
10	GOM_NL__2PRFIN20090804_005502_000000602081_00203_38834_5621.N1	04-AUG-2009 00:55:02	Straylight	60.000	63	Bet Gru	2.1500	2800.0	120	38834	No
11	GOM_NL__2PRFIN20090804_005949_000000652081_00203_38834_5622.N1	04-AUG-2009 00:59:49	Twilight	64.500	18	24Alp PsA	1.1660	9700.0	129	38834	No
12	GOM_NL__2PRFIN20090804_010641_000000502081_00203_38834_5623.N1	04-AUG-2009 01:06:41	Bright	49.500	142	49Del Cap	2.8500	8900.0	99	38834	No
13	GOM_NL__2PRFIN20090804_011042_000000482081_00203_38834_5624.N1	04-AUG-2009 01:10:42	Bright	47.500	154	22Bet Aqr	2.8990	5700.0	95	38834	No
14	GOM_NL__2PRFIN20090804_012305_000000432081_00203_38834_5625.N1	04-AUG-2009 01:23:05	Bright	42.500	92	53Eps Cyg	2.5000	4500.0	85	38834	No
15	GOM_NL__2PRFIN20090804_012614_000000412081_00203_38834_5626.N1	04-AUG-2009 01:26:14	Bright	40.500	19	50Alp Cyg	1.2460	10500.	81	38834	No
16	GOM_NL__2PRFIN20090804_013140_000000402081_00203_38834_5627.N1	04-AUG-2009 01:31:40	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	38834	No
17	GOM_NL__2PRFIN20090804_013751_000000492081_00203_38834_5628.N1	04-AUG-2009 01:37:51	Bright	48.500	74	11Bet Cas	2.2680	6600.0	97	38834	No
18	GOM_NL__2PRFIN20090804_013953_000000512081_00203_38834_5629.N1	04-AUG-2009 01:39:53	Bright	50.500	76	27Gam Cas	2.3000	30000.	101	38834	No
19	GOM_NL__2PRFIN20090804_014630_000000662081_00203_38834_5630.N1	04-AUG-2009 01:46:30	Bright	65.500	160	23Gam Per	2.9300	4700.0	131	38834	No
20	GOM_NL__2PRFIN20090804_014813_000000532081_00203_38834_5631.N1	04-AUG-2009 01:48:13	Bright	53.000	35	33Alp Per	1.7950	6250.0	106	38834	No
21	GOM_NL__2PRFIN20090804_015028_000000442081_00203_38834_5632.N1	04-AUG-2009 01:50:28	Bright	44.000	6	13Alp Aur	0.080000	3400.0	88	38834	No
22	GOM_NL__2PRFIN20090804_015220_000000472081_00203_38834_5633.N1	04-AUG-2009 01:52:20	Bright	47.000	149	45Eps Per	2.8880	30000.	94	38834	No
23	GOM_NL__2PRFIN20090804_015535_000000572081_00203_38834_5634.N1	04-AUG-2009 01:55:35	Twilight	57.000	150	44Zet Per	2.8900	28000.	114	38834	No
24	GOM_NL__2PRFIN20090804_020034_000000612081_00203_38834_5635.N1	04-AUG-2009 02:00:34	Dark	60.500	13	87Alp Tau	0.86700	3800.0	121	38834	No
25	GOM_NL__2PRFIN20090804_021158_000000572081_00203_38834_5636.N1	04-AUG-2009 02:11:58	Dark	56.500	165	34Gam Eri	2.9500	3200.0	113	38834	No
26	GOM_NL__2PRFIN20090804_022123_000000482081_00204_38835_5635.N1	04-AUG-2009 02:21:23	Dark	47.500	157	The1Eri	2.9060	9300.0	95	38835	No
27	GOM_NL__2PRFIN20090804_023142_000000552081_00204_38835_5636.N1	04-AUG-2009 02:31:42	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	38835	No
28	GOM_NL__2PRFIN20090804_023538_000000582081_00204_38835_5637.N1	04-AUG-2009 02:35:38	Straylight	57.500	63	Bet Gru	2.1500	2800.0	115	38835	No
29	GOM_NL__2PRFIN20090804_024025_000000612081_00204_38835_5638.N1	04-AUG-2009 02:40:25	Twilight	60.500	18	24Alp PsA	1.1660	9700.0	121	38835	No
30	GOM_NL__2PRFIN20090804_024717_000000512081_00204_38835_5639.N1	04-AUG-2009 02:47:17	Bright	50.500	142	49Del Cap	2.8500	8900.0	101	38835	No
31	GOM_NL__2PRFIN20090804_025118_000000512081_00204_38835_5640.N1	04-AUG-2009 02:51:18	Bright	51.000	154	22Bet Aqr	2.8990	5700.0	102	38835	No
32	GOM_NL__2PRFIN20090804_030341_000000432081_00204_38835_5641.N1	04-AUG-2009 03:03:41	Bright	43.000	92	53Eps Cyg	2.5000	4500.0	86	38835	No
33	GOM_NL__2PRFIN20090804_030650_000000412081_00204_38835_5642.N1	04-AUG-2009 03:06:50	Bright	41.000	19	50Alp Cyg	1.2460	10500.	82	38835	No
34	GOM_NL__2PRFIN20090804_031216_000000362081_00204_38835_5643.N1	04-AUG-2009 03:12:16	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	38835	No
35	GOM_NL__2PRFIN20090804_031826_000000522081_00204_38835_5644.N1	04-AUG-2009 03:18:26	Bright	51.500	74	11Bet Cas	2.2680	6600.0	103	38835	No
36	GOM_NL__2PRFIN20090804_032028_000000502081_00204_38835_5645.N1	04-AUG-2009 03:20:28	Bright	50.000	76	27Gam Cas	2.3000	30000.	100	38835	No
37	GOM_NL__2PRFIN20090804_032705_000000712081_00204_38835_5646.N1	04-AUG-2009 03:27:05	Bright	71.000	160	23Gam Per	2.9300	4700.0	142	38835	No
38	GOM_NL__2PRFIN20090804_032849_000000512081_00204_38835_5647.N1	04-AUG-2009 03:28:49	Bright	51.000	35	33Alp Per	1.7950	6250.0	102	38835	No
39	GOM_NL__2PRFIN20090804_033104_000000452081_00204_38835_5648.N1	04-AUG-2009 03:31:04	Bright	44.500	6	13Alp Aur	0.080000	3400.0	89	38835	No
40	GOM_NL__2PRFIN20090804_033256_000000482081_00204_38835_5649.N1	04-AUG-2009 03:32:56	Bright	48.000	149	45Eps Per	2.8880	30000.	96	38835	No
41	GOM_NL__2PRFIN20090804_033611_000000592081_00204_38835_5650.N1	04-AUG-2009 03:36:11	Twilight	59.000	150	44Zet Per	2.8900	28000.	118	38835	No
42	GOM_NL__2PRFIN20090804_034111_000000592081_00204_38835_5651.N1	04-AUG-2009 03:41:11	Dark	58.500	13	87Alp Tau	0.86700	3800.0	117	38835	No

43	GOM_NL__2PRFIN20090804_035235_000000562081_00204_38835_5652.N1	04-AUG-2009 03:52:35	Dark	56.000	165	34Gam Eri	2.9500	3200.0	112	38835	No
44	GOM_NL__2PRFIN20090804_040200_000000502081_00205_38836_5649.N1	04-AUG-2009 04:02:00	Dark	49.500	157	The1Eri	2.9060	9300.0	99	38836	No
45	GOM_NL__2PRFIN20090804_041219_000000612081_00205_38836_5650.N1	04-AUG-2009 04:12:19	Straylight	61.000	84	Alp Phe	2.3970	4500.0	122	38836	No
46	GOM_NL__2PRFIN20090804_041615_000000572081_00205_38836_5651.N1	04-AUG-2009 04:16:15	Straylight	57.000	63	Bet Gru	2.1500	2800.0	114	38836	No
47	GOM_NL__2PRFIN20090804_042102_000000622081_00205_38836_5652.N1	04-AUG-2009 04:21:02	Tw_i_and_stray	61.500	18	24Alp PsA	1.1660	9700.0	123	38836	No
48	GOM_NL__2PRFIN20090804_042753_000000502081_00205_38836_5653.N1	04-AUG-2009 04:27:53	Bright	50.000	142	49Del Cap	2.8500	8900.0	100	38836	No
49	GOM_NL__2PRFIN20090804_043154_000000492081_00205_38836_5654.N1	04-AUG-2009 04:31:54	Bright	49.000	154	22Bet Aqr	2.8990	5700.0	98	38836	No
50	GOM_NL__2PRFIN20090804_044416_000000442081_00205_38836_5655.N1	04-AUG-2009 04:44:16	Bright	43.500	92	53Eps Cyg	2.5000	4500.0	87	38836	No
51	GOM_NL__2PRFIN20090804_044725_000000412081_00205_38836_5656.N1	04-AUG-2009 04:47:25	Bright	41.000	19	50Alp Cyg	1.2460	10500.	82	38836	No
52	GOM_NL__2PRFIN20090804_045252_000000402081_00205_38836_5657.N1	04-AUG-2009 04:52:52	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	38836	No
53	GOM_NL__2PRFIN20090804_045901_000000502081_00205_38836_5658.N1	04-AUG-2009 04:59:01	Bright	50.000	74	11Bet Cas	2.2680	6600.0	100	38836	No
54	GOM_NL__2PRFIN20090804_050104_000000502081_00205_38836_5659.N1	04-AUG-2009 05:01:04	Bright	50.000	76	27Gam Cas	2.3000	30000.	100	38836	No
55	GOM_NL__2PRFIN20090804_050924_000000482081_00205_38836_5660.N1	04-AUG-2009 05:09:24	Bright	47.500	35	33Alp Per	1.7950	6250.0	95	38836	No
56	GOM_NL__2PRFIN20090804_051140_000000432081_00205_38836_5661.N1	04-AUG-2009 05:11:40	Bright	43.000	6	13Alp Aur	0.080000	3400.0	86	38836	No
57	GOM_NL__2PRFIN20090804_051332_000000512081_00205_38836_5662.N1	04-AUG-2009 05:13:32	Bright	51.000	149	45Eps Per	2.8880	30000.	102	38836	No
58	GOM_NL__2PRFIN20090804_051647_000000592081_00205_38836_5663.N1	04-AUG-2009 05:16:47	Tw_i_and_stray	58.500	150	44Zet Per	2.8900	28000.	117	38836	No
59	GOM_NL__2PRFIN20090804_052147_000000672081_00205_38836_5664.N1	04-AUG-2009 05:21:47	Dark	67.000	13	87Alp Tau	0.86700	3800.0	134	38836	No
60	GOM_NL__2PRFIN20090804_053312_000000592081_00205_38836_5665.N1	04-AUG-2009 05:33:12	Dark	59.000	165	34Gam Eri	2.9500	3200.0	118	38836	No
61	GOM_NL__2PRFIN20090804_054237_000000472081_00206_38837_5663.N1	04-AUG-2009 05:42:37	Dark	46.500	157	The1Eri	2.9060	9300.0	93	38837	No
62	GOM_NL__2PRFIN20090804_055256_000000552081_00206_38837_5664.N1	04-AUG-2009 05:52:56	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	38837	No
63	GOM_NL__2PRFIN20090804_055652_000000472081_00206_38837_5665.N1	04-AUG-2009 05:56:52	Straylight	47.000	63	Bet Gru	2.1500	2800.0	94	38837	No
64	GOM_NL__2PRFIN20090804_060139_000000612081_00206_38837_5666.N1	04-AUG-2009 06:01:39	Tw_i_and_stray	60.500	18	24Alp PsA	1.1660	9700.0	121	38837	No
65	GOM_NL__2PRFIN20090804_060829_000000512081_00206_38837_5667.N1	04-AUG-2009 06:08:29	Bright	50.500	142	49Del Cap	2.8500	8900.0	101	38837	No
66	GOM_NL__2PRFIN20090804_061230_000000502081_00206_38837_5668.N1	04-AUG-2009 06:12:30	Bright	49.500	154	22Bet Aqr	2.8990	5700.0	99	38837	No
67	GOM_NL__2PRFIN20090804_062452_000000432081_00206_38837_5669.N1	04-AUG-2009 06:24:52	Bright	42.500	92	53Eps Cyg	2.5000	4500.0	85	38837	No
68	GOM_NL__2PRFIN20090804_062801_000000492081_00206_38837_5670.N1	04-AUG-2009 06:28:01	Bright	49.000	19	50Alp Cyg	1.2460	10500.	98	38837	No
69	GOM_NL__2PRFIN20090804_063327_000000402081_00206_38837_5671.N1	04-AUG-2009 06:33:27	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	38837	No
70	GOM_NL__2PRFIN20090804_063937_000000622081_00206_38837_5672.N1	04-AUG-2009 06:39:37	Bright	62.000	74	11Bet Cas	2.2680	6600.0	124	38837	No
71	GOM_NL__2PRFIN20090804_064139_000000492081_00206_38837_5673.N1	04-AUG-2009 06:41:39	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	38837	No
72	GOM_NL__2PRFIN20090804_065000_000000602081_00206_38837_5674.N1	04-AUG-2009 06:50:00	Bright	59.500	35	33Alp Per	1.7950	6250.0	119	38837	No
73	GOM_NL__2PRFIN20090804_065216_000000442081_00206_38837_5675.N1	04-AUG-2009 06:52:16	Bright	43.500	6	13Alp Aur	0.080000	3400.0	87	38837	No
74	GOM_NL__2PRFIN20090804_065408_000000522081_00206_38837_5676.N1	04-AUG-2009 06:54:08	Bright	51.500	149	45Eps Per	2.8880	30000.	103	38837	No
75	GOM_NL__2PRFIN20090804_065723_000000582081_00206_38837_5677.N1	04-AUG-2009 06:57:23	Tw_i_and_stray	58.000	150	44Zet Per	2.8900	28000.	116	38837	No
76	GOM_NL__2PRFIN20090804_070224_000000672081_00206_38837_5678.N1	04-AUG-2009 07:02:24	Dark	67.000	13	87Alp Tau	0.86700	3800.0	134	38837	No
77	GOM_NL__2PRFIN20090804_071349_000000572081_00206_38837_5679.N1	04-AUG-2009 07:13:49	Dark	56.500	165	34Gam Eri	2.9500	3200.0	113	38837	No
78	GOM_NL__2PRFIN20090804_072314_000000472081_00207_38838_5677.N1	04-AUG-2009 07:23:14	Dark	46.500	157	The1Eri	2.9060	9300.0	93	38838	No
79	GOM_NL__2PRFIN20090804_073333_000000572081_00207_38838_5678.N1	04-AUG-2009 07:33:33	Straylight	57.000	84	Alp Phe	2.3970	4500.0	114	38838	No
80	GOM_NL__2PRFIN20090804_073728_000000502081_00207_38838_5679.N1	04-AUG-2009 07:37:28	Straylight	49.500	63	Bet Gru	2.1500	2800.0	99	38838	No
81	GOM_NL__2PRFIN20090804_074215_000000612081_00207_38838_5680.N1	04-AUG-2009 07:42:15	Tw_i_and_stray	61.000	18	24Alp PsA	1.1660	9700.0	122	38838	No
82	GOM_NL__2PRFIN20090804_074905_000000492081_00207_38838_5681.N1	04-AUG-2009 07:49:05	Bright	48.500	142	49Del Cap	2.8500	8900.0	97	38838	No
83	GOM_NL__2PRFIN20090804_075306_000000492081_00207_38838_5682.N1	04-AUG-2009 07:53:06	Bright	48.500	154	22Bet Aqr	2.8990	5700.0	97	38838	No
84	GOM_NL__2PRFIN20090804_080527_000000402081_00207_38838_5683.N1	04-AUG-2009 08:05:27	Bright	39.500	92	53Eps Cyg	2.5000	4500.0	79	38838	No
85	GOM_NL__2PRFIN20090804_080837_000000422081_00207_38838_5684.N1	04-AUG-2009 08:08:37	Bright	42.000	19	50Alp Cyg	1.2460	10500.	84	38838	No
86	GOM_NL__2PRFIN20090804_081403_000000402081_00207_38838_5685.N1	04-AUG-2009 08:14:03	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	38838	No
87	GOM_NL__2PRFIN20090804_082012_000000492081_00207_38838_5686.N1	04-AUG-2009 08:20:12	Bright	48.500	74	11Bet Cas	2.2680	6600.0	97	38838	No
88	GOM_NL__2PRFIN20090804_082214_000000492081_00207_38838_5687.N1	04-AUG-2009 08:22:14	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	38838	No
89	GOM_NL__2PRFIN20090804_083140_000000472081_00207_38838_5688.N1	04-AUG-2009 08:31:40	Bright	46.500	175	39Del Per	3.0100	19400.	93	38838	No
90	GOM_NL__2PRFIN20090804_083444_000000512081_00207_38838_5689.N1	04-AUG-2009 08:34:44	Bright	51.000	149	45Eps Per	2.8880	30000.	102	38838	No
91	GOM_NL__2PRFIN20090804_083759_000000592081_00207_38838_5690.N1	04-AUG-2009 08:37:59	Tw_i_and_stray	59.000	150	44Zet Per	2.8900	28000.	118	38838	No
92	GOM_NL__2PRFIN20090804_084300_000000592081_00207_38838_5691.N1	04-AUG-2009 08:43:00	Dark	58.500	13	87Alp Tau	0.86700	3800.0	117	38838	No
93	GOM_NL__2PRFIN20090804_085426_000000612081_00207_38838_5692.N1	04-AUG-2009 08:54:26	Dark	60.500	165	34Gam Eri	2.9500	3200.0	121	38838	No
94	GOM_NL__2PRFIN20090804_090351_000000472081_00208_38839_5691.N1	04-AUG-2009 09:03:51	Dark	47.000	157	The1Eri	2.9060	9300.0	94	38839	No
95	GOM_NL__2PRFIN20090804_091410_000000632081_00208_38839_5692.N1	04-AUG-2009 09:14:10	Straylight	63.000	84	Alp Phe	2.3970	4500.0	126	38839	No
96	GOM_NL__2PRFIN20090804_091805_000000532081_00208_38839_5693.N1	04-AUG-2009 09:18:05	Straylight	52.500	63	Bet Gru	2.1500	2800.0	105	38839	No
97	GOM_NL__2PRFIN20090804_092252_000000612081_00208_38839_5694.N1	04-AUG-2009 09:22:52	Tw_i_and_stray	61.000	18	24Alp PsA	1.1660	9700.0	122	38839	No
98	GOM_NL__2PRFIN20090804_092941_000000502081_00208_38839_5695.N1	04-AUG-2009 09:29:41	Bright	49.500	142	49Del Cap	2.8500	8900.0	99	38839	No
99	GOM_NL__2PRFIN20090804_093341_000000492081_00208_38839_5696.N1	04-AUG-2009 09:33:41	Bright	49.000	154	22Bet Aqr	2.8990	5700.0	98	38839	No
100	GOM_NL__2PRFIN20090804_094603_000000442081_00208_38839_5697.N1	04-AUG-2009 09:46:03	Bright	43.500	92	53Eps Cyg	2.5000	4500.0	87	38839	No
101	GOM_NL__2PRFIN20090804_094912_000000422081_00208_38839_5698.N1	04-AUG-2009 09:49:12	Bright	41.500	19	50Alp Cyg	1.2460	10500.	83	38839	No

102	GOM_NL__2PRFIN20090804_095438_000000392081_00208_38839_5699.N1	04-AUG-2009 09:54:38	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	38839	No
103	GOM_NL__2PRFIN20090804_100047_000000482081_00208_38839_5700.N1	04-AUG-2009 10:00:47	Bright	48.000	74	11Bet Cas	2.2680	6600.0	96	38839	No
104	GOM_NL__2PRFIN20090804_100250_000000482081_00208_38839_5701.N1	04-AUG-2009 10:02:50	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	38839	No
105	GOM_NL__2PRFIN20090804_101216_000000452081_00208_38839_5702.N1	04-AUG-2009 10:12:16	Bright	45.000	175	39Del Per	3.0100	19400.	90	38839	No
106	GOM_NL__2PRFIN20090804_101520_000000492081_00208_38839_5703.N1	04-AUG-2009 10:15:20	Bright	49.000	149	45Eps Per	2.8880	30000.	98	38839	No
107	GOM_NL__2PRFIN20090804_101835_000000592081_00208_38839_5704.N1	04-AUG-2009 10:18:35	Tw_i_and_stray	59.000	150	44Zet Per	2.8900	28000.	118	38839	No
108	GOM_NL__2PRFIN20090804_102336_000000652081_00208_38839_5705.N1	04-AUG-2009 10:23:36	Dark	65.000	13	87Alp Tau	0.86700	3800.0	130	38839	No
109	GOM_NL__2PRFIN20090804_103503_000000632081_00208_38839_5706.N1	04-AUG-2009 10:35:03	Dark	63.000	165	34Gam Eri	2.9500	3200.0	126	38839	No
110	GOM_NL__2PRFIN20090804_104427_000000472081_00209_38840_5725.N1	04-AUG-2009 10:44:27	Dark	46.500	157	The1Eri	2.9060	9300.0	93	38840	No
111	GOM_NL__2PRFIN20090804_105447_000000562081_00209_38840_5726.N1	04-AUG-2009 10:54:47	Straylight	56.000	84	Alp Phe	2.3970	4500.0	112	38840	No
112	GOM_NL__2PRFIN20090804_105841_000000492081_00209_38840_5727.N1	04-AUG-2009 10:58:41	Straylight	48.500	63	Bet Gru	2.1500	2800.0	97	38840	No
113	GOM_NL__2PRFIN20090804_110328_000000632081_00209_38840_5728.N1	04-AUG-2009 11:03:28	Tw_i_and_stray	63.000	18	24Alp PsA	1.1660	9700.0	126	38840	No
114	GOM_NL__2PRFIN20090804_111017_000000472081_00209_38840_5729.N1	04-AUG-2009 11:10:17	Bright	47.000	142	49Del Cap	2.8500	8900.0	94	38840	No
115	GOM_NL__2PRFIN20090804_111417_000000482081_00209_38840_5730.N1	04-AUG-2009 11:14:17	Bright	48.000	154	22Bet Aqr	2.8990	5700.0	96	38840	No
116	GOM_NL__2PRFIN20090804_112638_000000482081_00209_38840_5731.N1	04-AUG-2009 11:26:38	Bright	47.500	92	53Eps Cyg	2.5000	4500.0	95	38840	No
117	GOM_NL__2PRFIN20090804_112947_000000412081_00209_38840_5732.N1	04-AUG-2009 11:29:47	Bright	41.000	19	50Alp Cyg	1.2460	10500.	82	38840	No
118	GOM_NL__2PRFIN20090804_113514_000000402081_00209_38840_5733.N1	04-AUG-2009 11:35:14	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	38840	No
119	GOM_NL__2PRFIN20090804_114122_000000492081_00209_38840_5734.N1	04-AUG-2009 11:41:22	Bright	49.000	74	11Bet Cas	2.2680	6600.0	98	38840	No
120	GOM_NL__2PRFIN20090804_114325_000000492081_00209_38840_5735.N1	04-AUG-2009 11:43:25	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	38840	No
121	GOM_NL__2PRFIN20090804_115251_000000442081_00209_38840_5736.N1	04-AUG-2009 11:52:51	Bright	43.500	175	39Del Per	3.0100	19400.	87	38840	No
122	GOM_NL__2PRFIN20090804_115556_000000522081_00209_38840_5737.N1	04-AUG-2009 11:55:56	Bright	52.000	149	45Eps Per	2.8880	30000.	104	38840	No
123	GOM_NL__2PRFIN20090804_115925_000000472081_00209_38840_5738.N1	04-AUG-2009 11:59:25	Bright	47.000	28	12Bet Tau	1.6500	15200.	94	38840	No
124	GOM_NL__2PRFIN20090804_120413_000000622081_00209_38840_5739.N1	04-AUG-2009 12:04:13	Dark	61.500	13	87Alp Tau	0.86700	3800.0	123	38840	No
125	GOM_NL__2PRFIN20090804_121540_000000612081_00209_38840_5740.N1	04-AUG-2009 12:15:40	Dark	60.500	165	34Gam Eri	2.9500	3200.0	121	38840	No
126	GOM_NL__2PRFIN20090804_122505_000000462081_00210_38841_5739.N1	04-AUG-2009 12:25:05	Dark	46.000	157	The1Eri	2.9060	9300.0	92	38841	No
127	GOM_NL__2PRFIN20090804_123524_000000582081_00210_38841_5740.N1	04-AUG-2009 12:35:24	Straylight	57.500	84	Alp Phe	2.3970	4500.0	115	38841	No
128	GOM_NL__2PRFIN20090804_123918_000000482081_00210_38841_5741.N1	04-AUG-2009 12:39:18	Straylight	48.000	63	Bet Gru	2.1500	2800.0	96	38841	No
129	GOM_NL__2PRFIN20090804_124405_000000632081_00210_38841_5742.N1	04-AUG-2009 12:44:05	Tw_i_and_stray	62.500	18	24Alp PsA	1.1660	9700.0	125	38841	No
130	GOM_NL__2PRFIN20090804_125053_000000472081_00210_38841_5743.N1	04-AUG-2009 12:50:53	Bright	47.000	142	49Del Cap	2.8500	8900.0	94	38841	No
131	GOM_NL__2PRFIN20090804_125453_000000482081_00210_38841_5744.N1	04-AUG-2009 12:54:53	Bright	48.000	154	22Bet Aqr	2.8990	5700.0	96	38841	No
132	GOM_NL__2PRFIN20090804_130714_000000412081_00210_38841_5745.N1	04-AUG-2009 13:07:14	Bright	40.500	92	53Eps Cyg	2.5000	4500.0	81	38841	No
133	GOM_NL__2PRFIN20090804_131023_000000592081_00210_38841_5746.N1	04-AUG-2009 13:10:23	Bright	59.000	19	50Alp Cyg	1.2460	10500.	118	38841	No
134	GOM_NL__2PRFIN20090804_131549_000000402081_00210_38841_5747.N1	04-AUG-2009 13:15:49	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	38841	No
135	GOM_NL__2PRFIN20090804_132157_000000492081_00210_38841_5748.N1	04-AUG-2009 13:21:57	Bright	49.000	74	11Bet Cas	2.2680	6600.0	98	38841	No
136	GOM_NL__2PRFIN20090804_132400_000000492081_00210_38841_5749.N1	04-AUG-2009 13:24:00	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	38841	No
137	GOM_NL__2PRFIN20090804_133327_000000502081_00210_38841_5750.N1	04-AUG-2009 13:33:27	Bright	49.500	175	39Del Per	3.0100	19400.	99	38841	No
138	GOM_NL__2PRFIN20090804_133632_000000512081_00210_38841_5751.N1	04-AUG-2009 13:36:32	Bright	51.000	149	45Eps Per	2.8880	30000.	102	38841	No
139	GOM_NL__2PRFIN20090804_134002_000000452081_00210_38841_5752.N1	04-AUG-2009 13:40:02	Bright	44.500	28	12Bet Tau	1.6500	15200.	89	38841	No
140	GOM_NL__2PRFIN20090804_134449_000000672081_00210_38841_5753.N1	04-AUG-2009 13:44:49	Dark	67.000	13	87Alp Tau	0.86700	3800.0	134	38841	No
141	GOM_NL__2PRFIN20090804_135617_000000592081_00210_38841_5754.N1	04-AUG-2009 13:56:17	Dark	58.500	165	34Gam Eri	2.9500	3200.0	117	38841	No
142	GOM_NL__2PRFIN20090804_140541_000000492081_00211_38842_5753.N1	04-AUG-2009 14:05:41	Dark	48.500	157	The1Eri	2.9060	9300.0	97	38842	No
143	GOM_NL__2PRFIN20090804_141601_000000552081_00211_38842_5754.N1	04-AUG-2009 14:16:01	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	38842	No
144	GOM_NL__2PRFIN20090804_141954_000000532081_00211_38842_5755.N1	04-AUG-2009 14:19:54	Straylight	53.000	63	Bet Gru	2.1500	2800.0	106	38842	No
145	GOM_NL__2PRFIN20090804_142441_000000602081_00211_38842_5756.N1	04-AUG-2009 14:24:41	Tw_i_and_stray	60.000	18	24Alp PsA	1.1660	9700.0	120	38842	No
146	GOM_NL__2PRFIN20090804_143130_000000502081_00211_38842_5757.N1	04-AUG-2009 14:31:30	Bright	50.000	142	49Del Cap	2.8500	8900.0	100	38842	No
147	GOM_NL__2PRFIN20090804_143528_000000482081_00211_38842_5758.N1	04-AUG-2009 14:35:28	Bright	47.500	154	22Bet Aqr	2.8990	5700.0	95	38842	No
148	GOM_NL__2PRFIN20090804_144749_000000432081_00211_38842_5759.N1	04-AUG-2009 14:47:49	Bright	42.500	92	53Eps Cyg	2.5000	4500.0	85	38842	No
149	GOM_NL__2PRFIN20090804_145058_000000372081_00211_38842_5760.N1	04-AUG-2009 14:50:58	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	38842	No
150	GOM_NL__2PRFIN20090804_145625_000000412081_00211_38842_5761.N1	04-AUG-2009 14:56:25	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	38842	No
151	GOM_NL__2PRFIN20090804_150435_000000512081_00211_38842_5762.N1	04-AUG-2009 15:04:35	Bright	51.000	76	27Gam Cas	2.3000	30000.	102	38842	No
152	GOM_NL__2PRFIN20090804_151403_000000542081_00211_38842_5763.N1	04-AUG-2009 15:14:03	Bright	53.500	175	39Del Per	3.0100	19400.	107	38842	No
153	GOM_NL__2PRFIN20090804_151707_000000492081_00211_38842_5764.N1	04-AUG-2009 15:17:07	Bright	49.000	149	45Eps Per	2.8880	30000.	98	38842	No
154	GOM_NL__2PRFIN20090804_152038_000000472081_00211_38842_5765.N1	04-AUG-2009 15:20:38	Bright	47.000	28	12Bet Tau	1.6500	15200.	94	38842	No
155	GOM_NL__2PRFIN20090804_152525_000000592081_00211_38842_5766.N1	04-AUG-2009 15:25:25	Dark	58.500	13	87Alp Tau	0.86700	3800.0	117	38842	No
156	GOM_NL__2PRFIN20090804_153112_000000462081_00211_38842_5767.N1	04-AUG-2009 15:31:12	Dark	46.000	128	67Bet Eri	2.7840	9700.0	92	38842	No
157	GOM_NL__2PRFIN20090804_153654_000000582081_00211_38842_5768.N1	04-AUG-2009 15:36:54	Dark	57.500	165	34Gam Eri	2.9500	3200.0	115	38842	No
158	GOM_NL__2PRFIN20090804_154618_000000472081_00212_38843_5767.N1	04-AUG-2009 15:46:18	Dark	47.000	157	The1Eri	2.9060	9300.0	94	38843	No
159	GOM_NL__2PRFIN20090804_155638_000000562081_00212_38843_5768.N1	04-AUG-2009 15:56:38	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	38843	No
160	GOM_NL__2PRFIN20090804_160031_000000542081_00212_38843_5769.N1	04-AUG-2009 16:00:31	Straylight	53.500	63	Bet Gru	2.1500	2800.0	107	38843	No

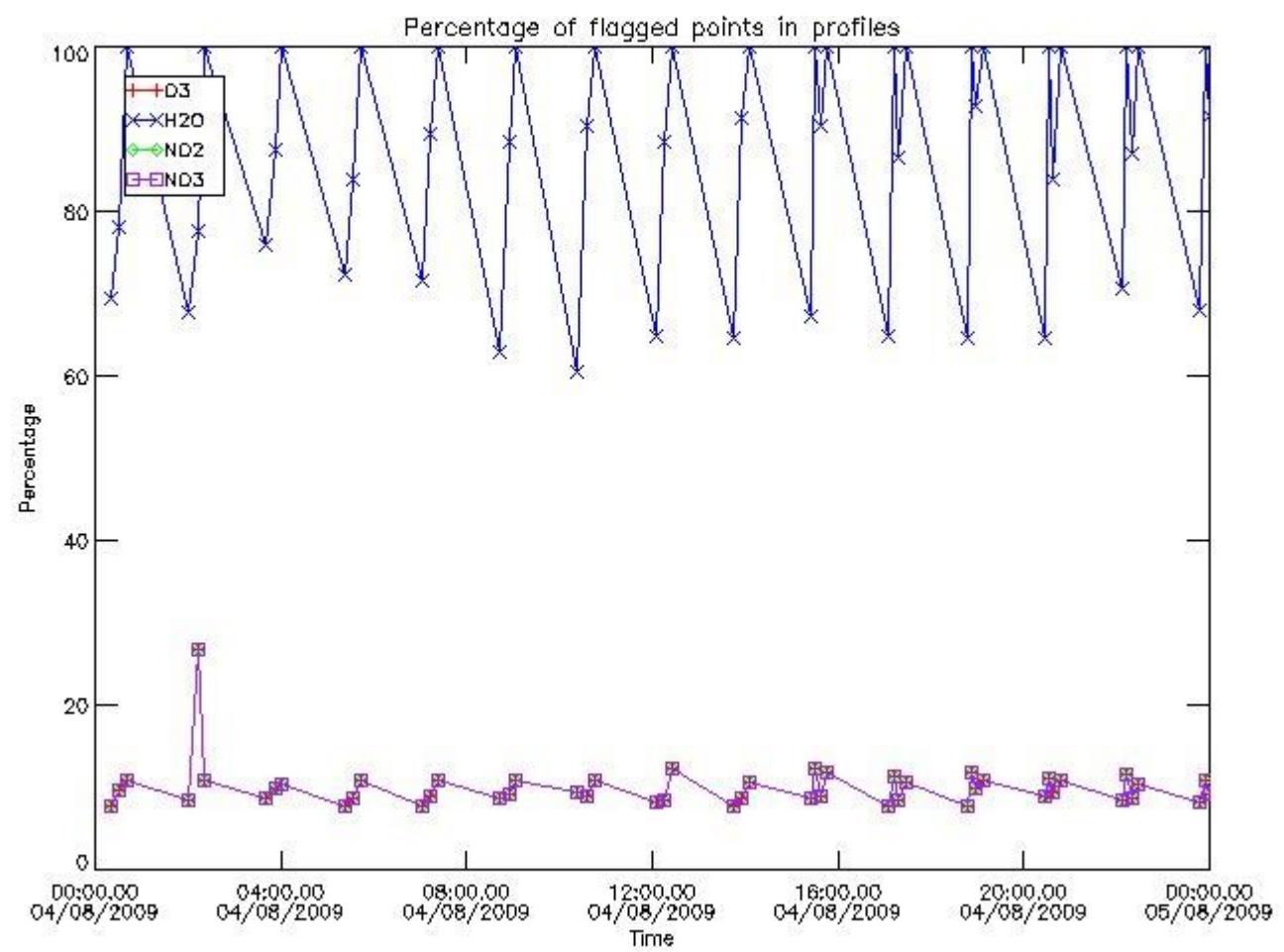
161	GOM_NL__2PRFIN20090804_160518_000000622081_00212_38843_5770.N1	04-AUG-2009 16:05:18	Twilight	61.500	18	24Alp PsA	1.1660	9700.0	123	38843	No
162	GOM_NL__2PRFIN20090804_161205_000000512081_00212_38843_5771.N1	04-AUG-2009 16:12:05	Bright	50.500	142	49Del Cap	2.8500	8900.0	101	38843	No
163	GOM_NL__2PRFIN20090804_161604_000000472081_00212_38843_5772.N1	04-AUG-2009 16:16:04	Bright	47.000	154	22Bet Aqr	2.8990	5700.0	94	38843	No
164	GOM_NL__2PRFIN20090804_162825_000000412081_00212_38843_5773.N1	04-AUG-2009 16:28:25	Bright	40.500	92	53Eps Cyg	2.5000	4500.0	81	38843	No
165	GOM_NL__2PRFIN20090804_163134_000000402081_00212_38843_5774.N1	04-AUG-2009 16:31:34	Bright	39.500	19	50Alp Cyg	1.2460	10500.	79	38843	No
166	GOM_NL__2PRFIN20090804_163700_000000402081_00212_38843_5775.N1	04-AUG-2009 16:37:00	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	38843	No
167	GOM_NL__2PRFIN20090804_164307_000000712081_00212_38843_5776.N1	04-AUG-2009 16:43:07	Bright	70.500	74	11Bet Cas	2.2680	6600.0	141	38843	No
168	GOM_NL__2PRFIN20090804_164510_000000492081_00212_38843_5777.N1	04-AUG-2009 16:45:10	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	38843	No
169	GOM_NL__2PRFIN20090804_165438_000000472081_00212_38843_5778.N1	04-AUG-2009 16:54:38	Bright	47.000	175	39Del Per	3.0100	19400.	94	38843	No
170	GOM_NL__2PRFIN20090804_165743_000000512081_00212_38843_5779.N1	04-AUG-2009 16:57:43	Bright	50.500	149	45Eps Per	2.8880	30000.	101	38843	No
171	GOM_NL__2PRFIN20090804_170114_000000472081_00212_38843_5780.N1	04-AUG-2009 17:01:14	Bright	47.000	28	12Bet Tau	1.6500	15200.	94	38843	No
172	GOM_NL__2PRFIN20090804_170602_000000662081_00212_38843_5781.N1	04-AUG-2009 17:06:02	Dark	66.000	13	87Alp Tau	0.86700	3800.0	132	38843	No
173	GOM_NL__2PRFIN20090804_171148_000000452081_00212_38843_5782.N1	04-AUG-2009 17:11:48	Dark	45.000	128	67Bet Eri	2.7840	9700.0	90	38843	No
174	GOM_NL__2PRFIN20090804_171731_000000602081_00212_38843_5783.N1	04-AUG-2009 17:17:31	Dark	60.000	165	34Gam Eri	2.9500	3200.0	120	38843	No
175	GOM_NL__2PRFIN20090804_172655_000000482081_00213_38844_5784.N1	04-AUG-2009 17:26:55	Dark	48.000	157	The1Eri	2.9060	9300.0	96	38844	No
176	GOM_NL__2PRFIN20090804_173715_000000552081_00213_38844_5785.N1	04-AUG-2009 17:37:15	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	38844	No
177	GOM_NL__2PRFIN20090804_174107_000000462081_00213_38844_5786.N1	04-AUG-2009 17:41:07	Straylight	46.000	63	Bet Gru	2.1500	2800.0	92	38844	No
178	GOM_NL__2PRFIN20090804_174555_000000632081_00213_38844_5787.N1	04-AUG-2009 17:45:55	Twilight	63.000	18	24Alp PsA	1.1660	9700.0	126	38844	No
179	GOM_NL__2PRFIN20090804_175242_000000502081_00213_38844_5788.N1	04-AUG-2009 17:52:42	Bright	50.000	142	49Del Cap	2.8500	8900.0	100	38844	No
180	GOM_NL__2PRFIN20090804_175640_000000472081_00213_38844_5789.N1	04-AUG-2009 17:56:40	Bright	47.000	154	22Bet Aqr	2.8990	5700.0	94	38844	No
181	GOM_NL__2PRFIN20090804_180900_000000422081_00213_38844_5790.N1	04-AUG-2009 18:09:00	Bright	41.500	92	53Eps Cyg	2.5000	4500.0	83	38844	No
182	GOM_NL__2PRFIN20090804_181210_000000412081_00213_38844_5791.N1	04-AUG-2009 18:12:10	Bright	41.000	19	50Alp Cyg	1.2460	10500.	82	38844	No
183	GOM_NL__2PRFIN20090804_181736_000000402081_00213_38844_5792.N1	04-AUG-2009 18:17:36	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	38844	No
184	GOM_NL__2PRFIN20090804_182342_000000492081_00213_38844_5793.N1	04-AUG-2009 18:23:42	Bright	49.000	74	11Bet Cas	2.2680	6600.0	98	38844	No
185	GOM_NL__2PRFIN20090804_182546_000000512081_00213_38844_5794.N1	04-AUG-2009 18:25:46	Bright	51.000	76	27Gam Cas	2.3000	30000.	102	38844	No
186	GOM_NL__2PRFIN20090804_183514_000000452081_00213_38844_5795.N1	04-AUG-2009 18:35:14	Bright	45.000	175	39Del Per	3.0100	19400.	90	38844	No
187	GOM_NL__2PRFIN20090804_183819_000000492081_00213_38844_5796.N1	04-AUG-2009 18:38:19	Bright	48.500	149	45Eps Per	2.8880	30000.	97	38844	No
188	GOM_NL__2PRFIN20090804_184150_000000462081_00213_38844_5797.N1	04-AUG-2009 18:41:50	Bright	45.500	28	12Bet Tau	1.6500	15200.	91	38844	No
189	GOM_NL__2PRFIN20090804_184638_000000672081_00213_38844_5798.N1	04-AUG-2009 18:46:38	Dark	67.000	13	87Alp Tau	0.86700	3800.0	134	38844	No
190	GOM_NL__2PRFIN20090804_185224_000000442081_00213_38844_5799.N1	04-AUG-2009 18:52:24	Dark	43.500	128	67Bet Eri	2.7840	9700.0	87	38844	No
191	GOM_NL__2PRFIN20090804_185808_000000572081_00213_38844_5800.N1	04-AUG-2009 18:58:08	Dark	56.500	165	34Gam Eri	2.9500	3200.0	113	38844	No
192	GOM_NL__2PRFIN20090804_190732_000000482081_00214_38845_5800.N1	04-AUG-2009 19:07:32	Dark	47.500	157	The1Eri	2.9060	9300.0	95	38845	No
193	GOM_NL__2PRFIN20090804_191752_000000542081_00214_38845_5801.N1	04-AUG-2009 19:17:52	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	38845	No
194	GOM_NL__2PRFIN20090804_192144_000000562081_00214_38845_5802.N1	04-AUG-2009 19:21:44	Straylight	55.500	63	Bet Gru	2.1500	2800.0	111	38845	No
195	GOM_NL__2PRFIN20090804_192631_000000612081_00214_38845_5803.N1	04-AUG-2009 19:26:31	Twilight	61.000	18	24Alp PsA	1.1660	9700.0	122	38845	No
196	GOM_NL__2PRFIN20090804_193317_000000502081_00214_38845_5804.N1	04-AUG-2009 19:33:17	Bright	49.500	142	49Del Cap	2.8500	8900.0	99	38845	No
197	GOM_NL__2PRFIN20090804_193716_000000512081_00214_38845_5805.N1	04-AUG-2009 19:37:16	Bright	50.500	154	22Bet Aqr	2.8990	5700.0	101	38845	No
198	GOM_NL__2PRFIN20090804_194936_000000402081_00214_38845_5806.N1	04-AUG-2009 19:49:36	Bright	40.000	92	53Eps Cyg	2.5000	4500.0	80	38845	No
199	GOM_NL__2PRFIN20090804_195245_000000412081_00214_38845_5807.N1	04-AUG-2009 19:52:45	Bright	41.000	19	50Alp Cyg	1.2460	10500.	82	38845	No
200	GOM_NL__2PRFIN20090804_195811_000000412081_00214_38845_5808.N1	04-AUG-2009 19:58:11	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	38845	No
201	GOM_NL__2PRFIN20090804_200418_000000512081_00214_38845_5809.N1	04-AUG-2009 20:04:18	Bright	50.500	74	11Bet Cas	2.2680	6600.0	101	38845	No
202	GOM_NL__2PRFIN20090804_200621_000000492081_00214_38845_5810.N1	04-AUG-2009 20:06:21	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	38845	No
203	GOM_NL__2PRFIN20090804_201550_000000452081_00214_38845_5811.N1	04-AUG-2009 20:15:50	Bright	45.000	175	39Del Per	3.0100	19400.	90	38845	No
204	GOM_NL__2PRFIN20090804_201855_000000462081_00214_38845_5812.N1	04-AUG-2009 20:18:55	Bright	46.000	149	45Eps Per	2.8880	30000.	92	38845	No
205	GOM_NL__2PRFIN20090804_202226_000000472081_00214_38845_5813.N1	04-AUG-2009 20:22:26	Bright	47.000	28	12Bet Tau	1.6500	15200.	94	38845	No
206	GOM_NL__2PRFIN20090804_202715_000000572081_00214_38845_5814.N1	04-AUG-2009 20:27:15	Dark	57.000	13	87Alp Tau	0.86700	3800.0	114	38845	No
207	GOM_NL__2PRFIN20090804_203301_000000462081_00214_38845_5815.N1	04-AUG-2009 20:33:01	Dark	46.000	128	67Bet Eri	2.7840	9700.0	92	38845	No
208	GOM_NL__2PRFIN20090804_203846_000000592081_00214_38845_5816.N1	04-AUG-2009 20:38:46	Dark	59.000	165	34Gam Eri	2.9500	3200.0	118	38845	No
209	GOM_NL__2PRFIN20090804_204809_000000472081_00215_38846_5819.N1	04-AUG-2009 20:48:09	Dark	47.000	157	The1Eri	2.9060	9300.0	94	38846	No
210	GOM_NL__2PRFIN20090804_205829_000000542081_00215_38846_5820.N1	04-AUG-2009 20:58:29	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	38846	No
211	GOM_NL__2PRFIN20090804_210220_000000602081_00215_38846_5821.N1	04-AUG-2009 21:02:20	Straylight	60.000	63	Bet Gru	2.1500	2800.0	120	38846	No
212	GOM_NL__2PRFIN20090804_210708_000000612081_00215_38846_5822.N1	04-AUG-2009 21:07:08	Twilight	60.500	18	24Alp PsA	1.1660	9700.0	121	38846	No
213	GOM_NL__2PRFIN20090804_211354_000000472081_00215_38846_5823.N1	04-AUG-2009 21:13:54	Bright	47.000	142	49Del Cap	2.8500	8900.0	94	38846	No
214	GOM_NL__2PRFIN20090804_211752_000000492081_00215_38846_5824.N1	04-AUG-2009 21:17:52	Bright	49.000	154	22Bet Aqr	2.8990	5700.0	98	38846	No
215	GOM_NL__2PRFIN20090804_213011_000000412081_00215_38846_5825.N1	04-AUG-2009 21:30:11	Bright	41.000	92	53Eps Cyg	2.5000	4500.0	82	38846	No
216	GOM_NL__2PRFIN20090804_213321_000000422081_00215_38846_5826.N1	04-AUG-2009 21:33:21	Bright	41.500	19	50Alp Cyg	1.2460	10500.	83	38846	No
217	GOM_NL__2PRFIN20090804_213847_000000402081_00215_38846_5827.N1	04-AUG-2009 21:38:47	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	38846	No
218	GOM_NL__2PRFIN20090804_214453_000000492081_00215_38846_5828.N1	04-AUG-2009 21:44:53	Bright	48.500	74	11Bet Cas	2.2680	6600.0	97	38846	No
219	GOM_NL__2PRFIN20090804_214656_000000512081_00215_38846_5829.N1	04-AUG-2009 21:46:56	Bright	50.500	76	27Gam Cas	2.3000	30000.	101	38846	No

220	GOM_NL__2PRFIN20090804_215336_000000502081_00215_38846_5830.N1	04-AUG-2009 21:53:36	Bright	50.000	160	23Gam Per	2.9300	4700.0	100	38846	No
221	GOM_NL__2PRFIN20090804_215625_000000482081_00215_38846_5831.N1	04-AUG-2009 21:56:25	Bright	47.500	175	39Del Per	3.0100	19400.	95	38846	No
222	GOM_NL__2PRFIN20090804_220302_000000472081_00215_38846_5832.N1	04-AUG-2009 22:03:02	Bright	47.000	28	12Bet Tau	1.6500	15200.	94	38846	No
223	GOM_NL__2PRFIN20090804_220751_000000672081_00215_38846_5833.N1	04-AUG-2009 22:07:51	Dark	67.000	13	87Alp Tau	0.86700	3800.0	134	38846	No
224	GOM_NL__2PRFIN20090804_221337_000000442081_00215_38846_5834.N1	04-AUG-2009 22:13:37	Dark	43.500	128	67Bet Eri	2.7840	9700.0	87	38846	No
225	GOM_NL__2PRFIN20090804_221922_000000582081_00215_38846_5835.N1	04-AUG-2009 22:19:22	Dark	58.000	165	34Gam Eri	2.9500	3200.0	116	38846	No
226	GOM_NL__2PRFIN20090804_222846_000000492081_00216_38847_5834.N1	04-AUG-2009 22:28:46	Dark	49.000	157	The1Eri	2.9060	9300.0	98	38847	No
227	GOM_NL__2PRFIN20090804_223906_000000532081_00216_38847_5835.N1	04-AUG-2009 22:39:06	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	38847	No
228	GOM_NL__2PRFIN20090804_224257_000000542081_00216_38847_5836.N1	04-AUG-2009 22:42:57	Straylight	54.000	63	Bet Gru	2.1500	2800.0	108	38847	No
229	GOM_NL__2PRFIN20090804_224744_000000612081_00216_38847_5837.N1	04-AUG-2009 22:47:44	Tw_i_and_stray	61.000	18	24Alp PsA	1.1660	9700.0	122	38847	No
230	GOM_NL__2PRFIN20090804_225430_000000482081_00216_38847_5838.N1	04-AUG-2009 22:54:30	Bright	47.500	142	49Del Cap	2.8500	8900.0	95	38847	No
231	GOM_NL__2PRFIN20090804_225827_000000482081_00216_38847_5839.N1	04-AUG-2009 22:58:27	Bright	47.500	154	22Bet Aqr	2.8990	5700.0	95	38847	No
232	GOM_NL__2PRFIN20090804_231047_000000602081_00216_38847_5840.N1	04-AUG-2009 23:10:47	Bright	59.500	92	53Eps Cyg	2.5000	4500.0	119	38847	No
233	GOM_NL__2PRFIN20090804_231356_000000382081_00216_38847_5841.N1	04-AUG-2009 23:13:56	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	38847	No
234	GOM_NL__2PRFIN20090804_231922_000000372081_00216_38847_5842.N1	04-AUG-2009 23:19:22	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	38847	No
235	GOM_NL__2PRFIN20090804_232528_000000502081_00216_38847_5843.N1	04-AUG-2009 23:25:28	Bright	50.000	74	11Bet Cas	2.2680	6600.0	100	38847	No
236	GOM_NL__2PRFIN20090804_232731_000000492081_00216_38847_5844.N1	04-AUG-2009 23:27:31	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	38847	No
237	GOM_NL__2PRFIN20090804_233411_000000582081_00216_38847_5845.N1	04-AUG-2009 23:34:11	Bright	58.000	160	23Gam Per	2.9300	4700.0	116	38847	No
238	GOM_NL__2PRFIN20090804_233701_000000522081_00216_38847_5846.N1	04-AUG-2009 23:37:01	Bright	52.000	175	39Del Per	3.0100	19400.	104	38847	No
239	GOM_NL__2PRFIN20090804_234338_000000462081_00216_38847_5847.N1	04-AUG-2009 23:43:38	Bright	45.500	28	12Bet Tau	1.6500	15200.	91	38847	No
240	GOM_NL__2PRFIN20090804_234827_000000622081_00216_38847_5848.N1	04-AUG-2009 23:48:27	Dark	61.500	13	87Alp Tau	0.86700	3800.0	123	38847	No
241	GOM_NL__2PRFIN20090804_235414_000000472081_00216_38847_5849.N1	04-AUG-2009 23:54:14	Dark	47.000	128	67Bet Eri	2.7840	9700.0	94	38847	No
242	GOM_NL__2PRFIN20090804_235959_000000612081_00216_38847_5850.N1	04-AUG-2009 23:59:59	Dark	60.500	165	34Gam Eri	2.9500	3200.0	121	38847	No

3. Quality information per product

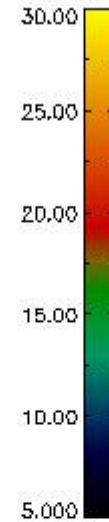
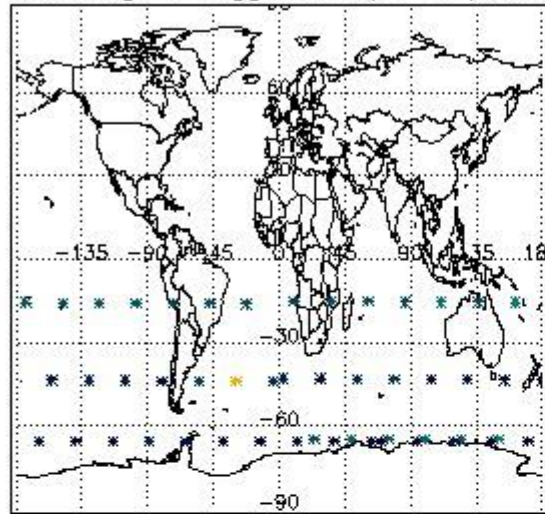
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

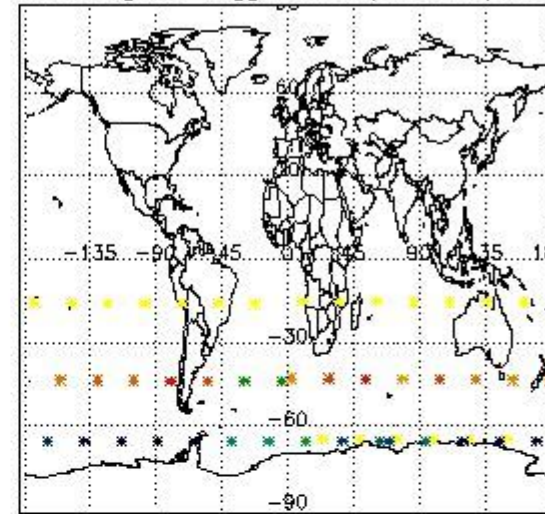


3.2 Plot quality information per product (world map)

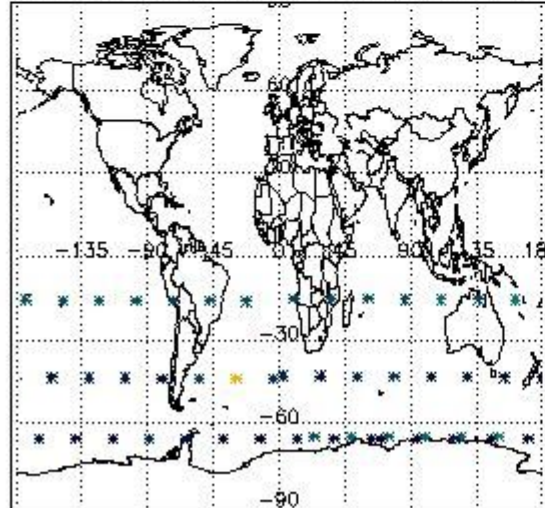
Percentage of flagged data per O3 profile



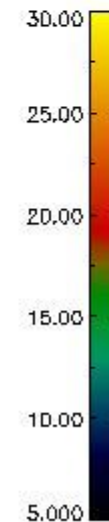
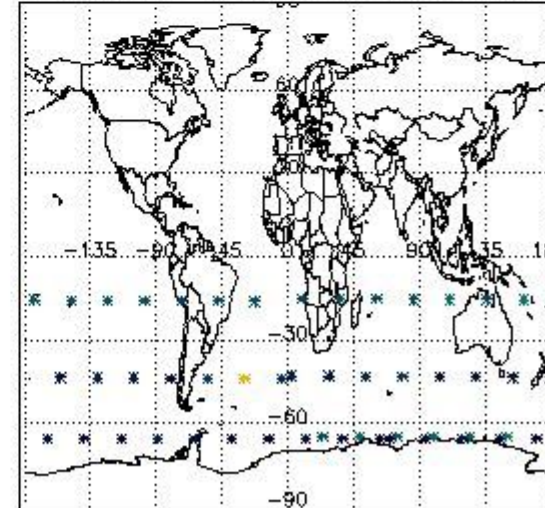
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

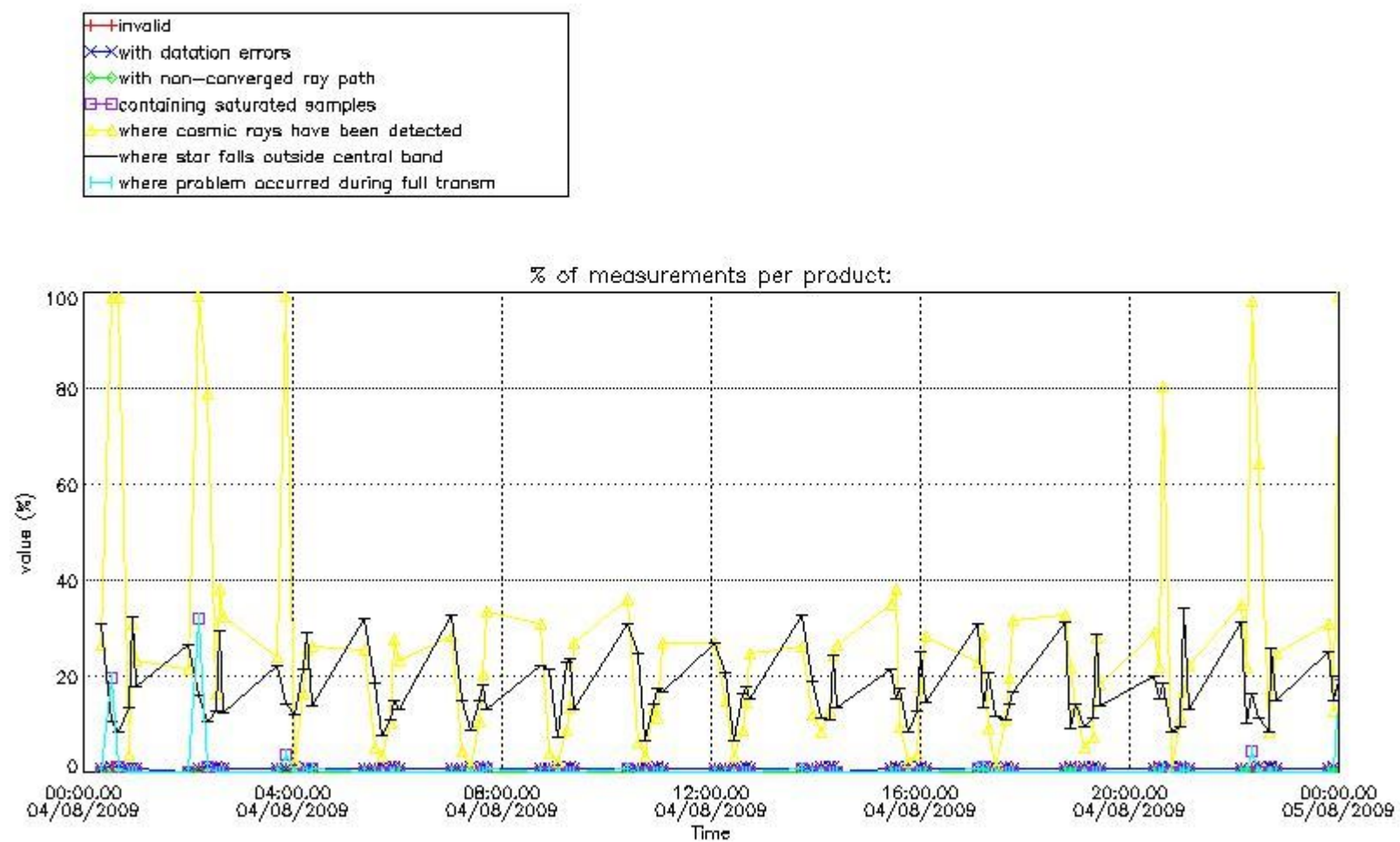


4. Level 1 quality information per product

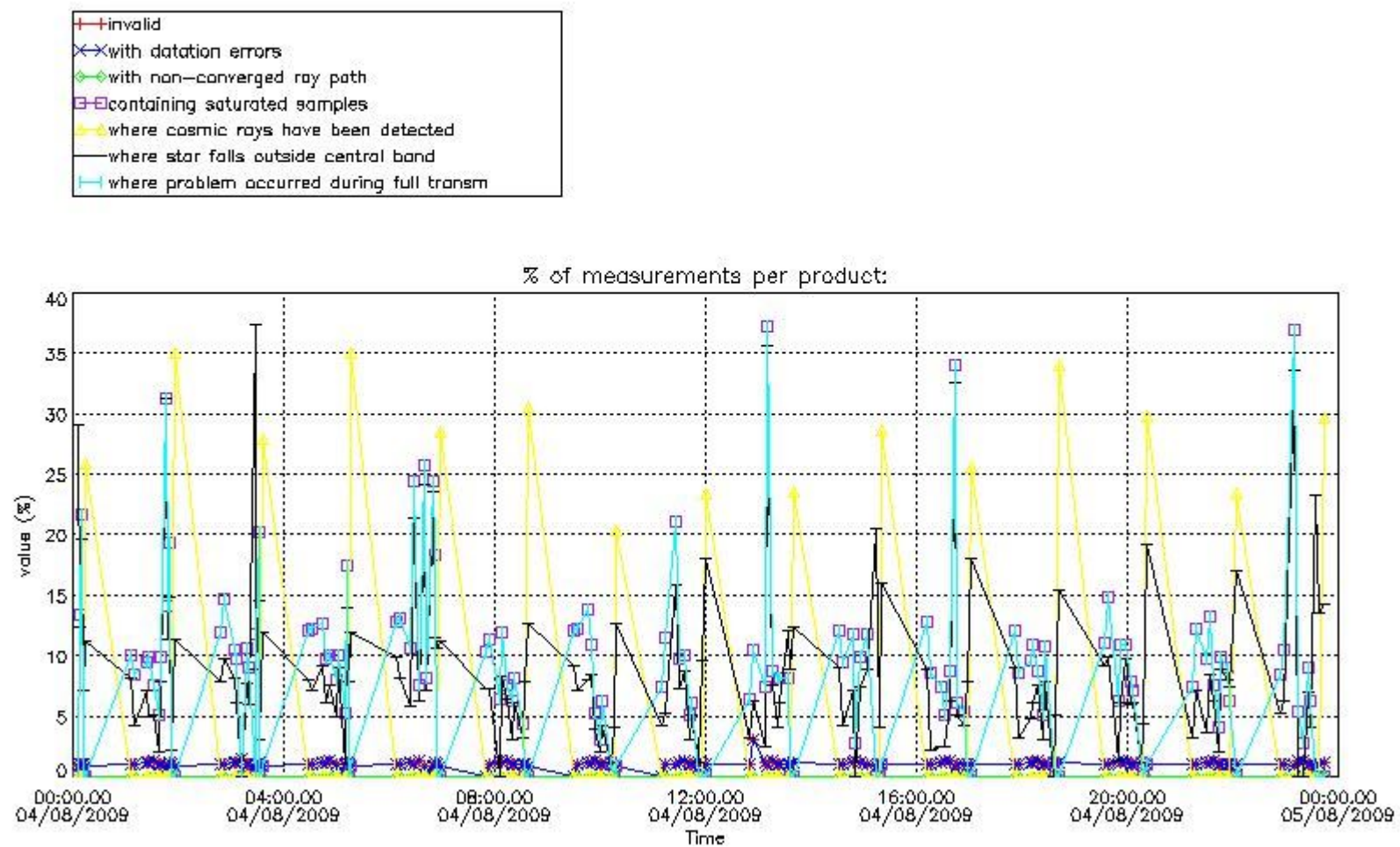
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



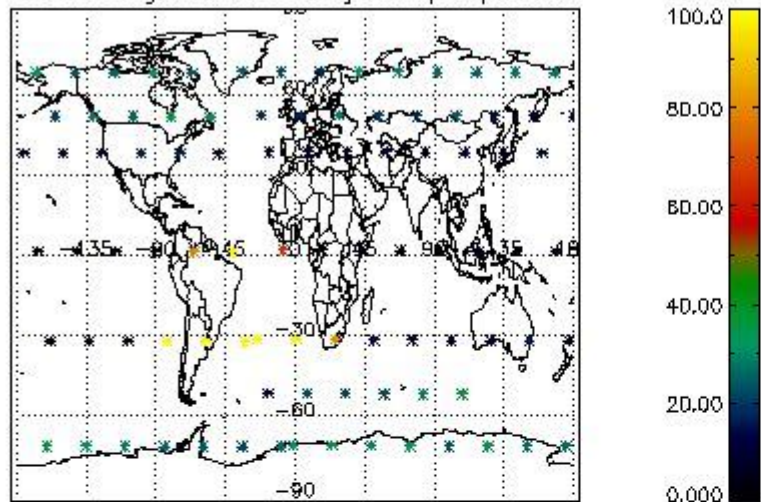
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



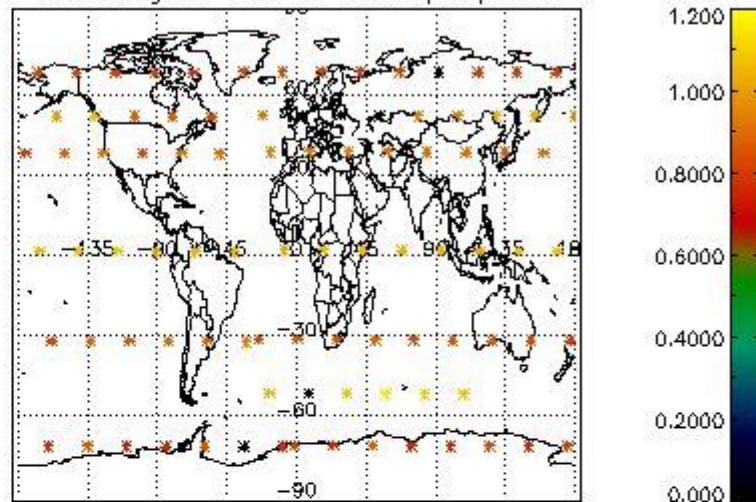
4.2 Plot quality information per product coming from level 1b processing (world map)

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

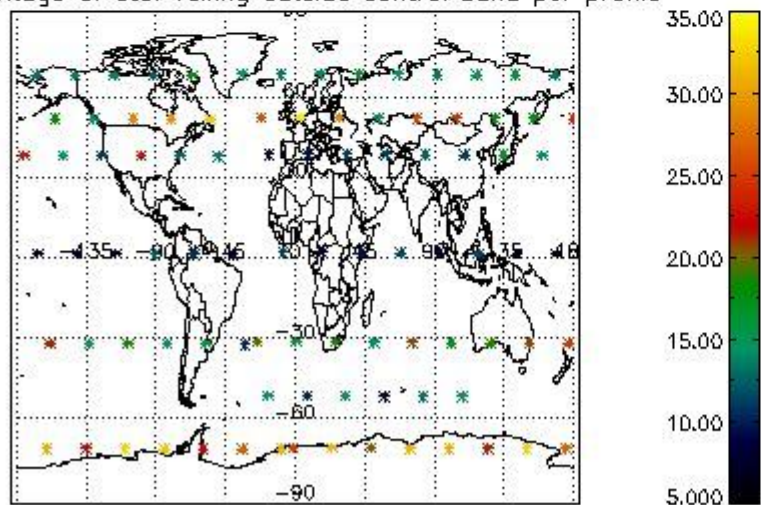
Percentage of cosmic ray hits per profile



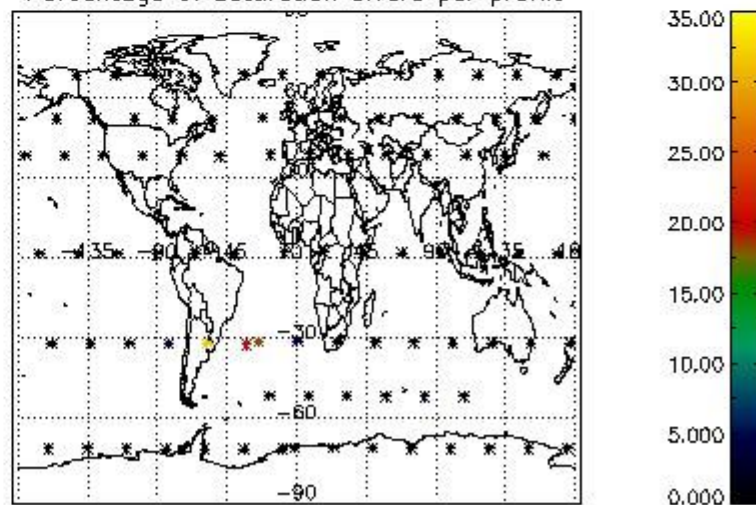
Percentage of datation errors per profile



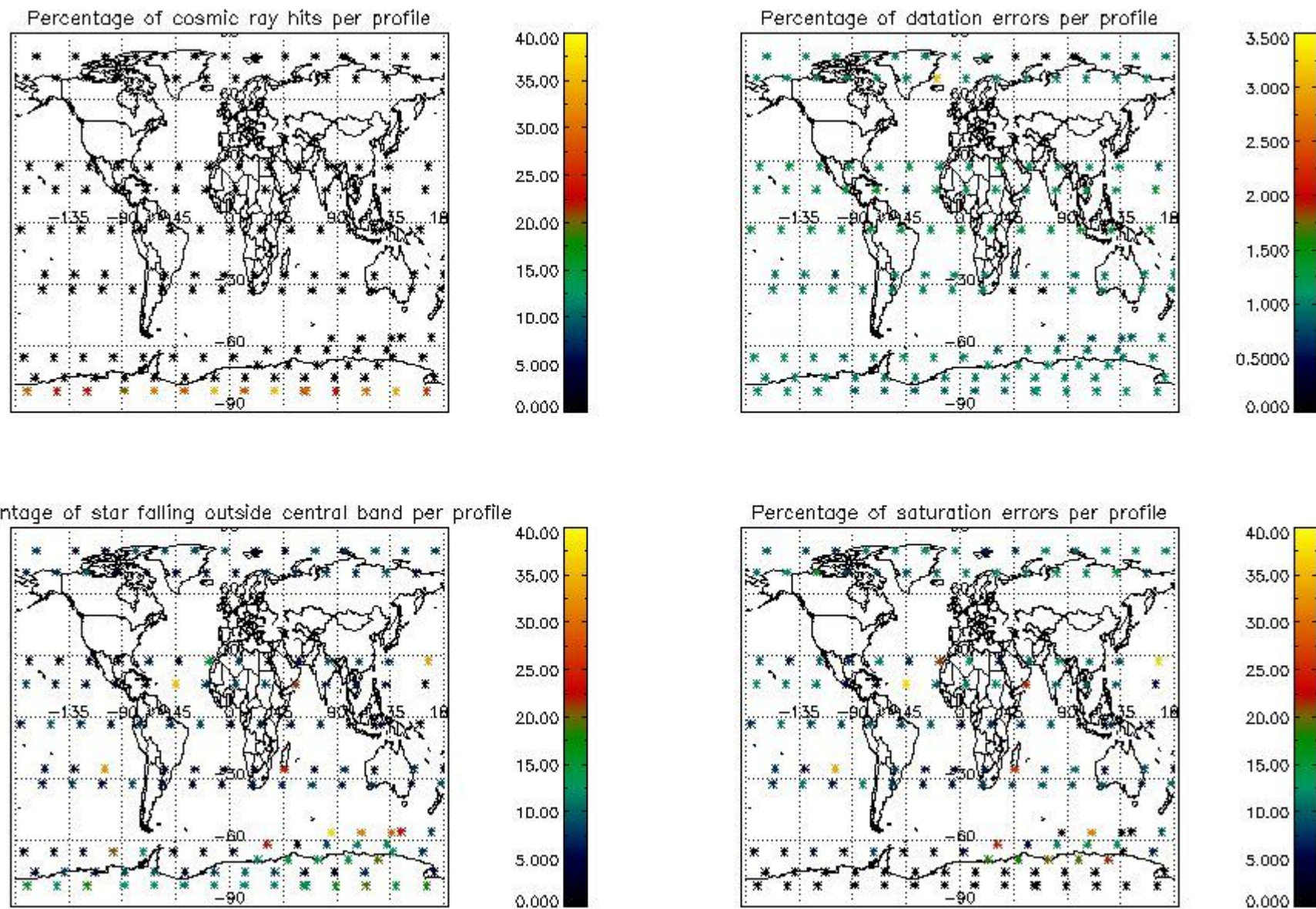
Percentage of star falling outside central band per profile



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

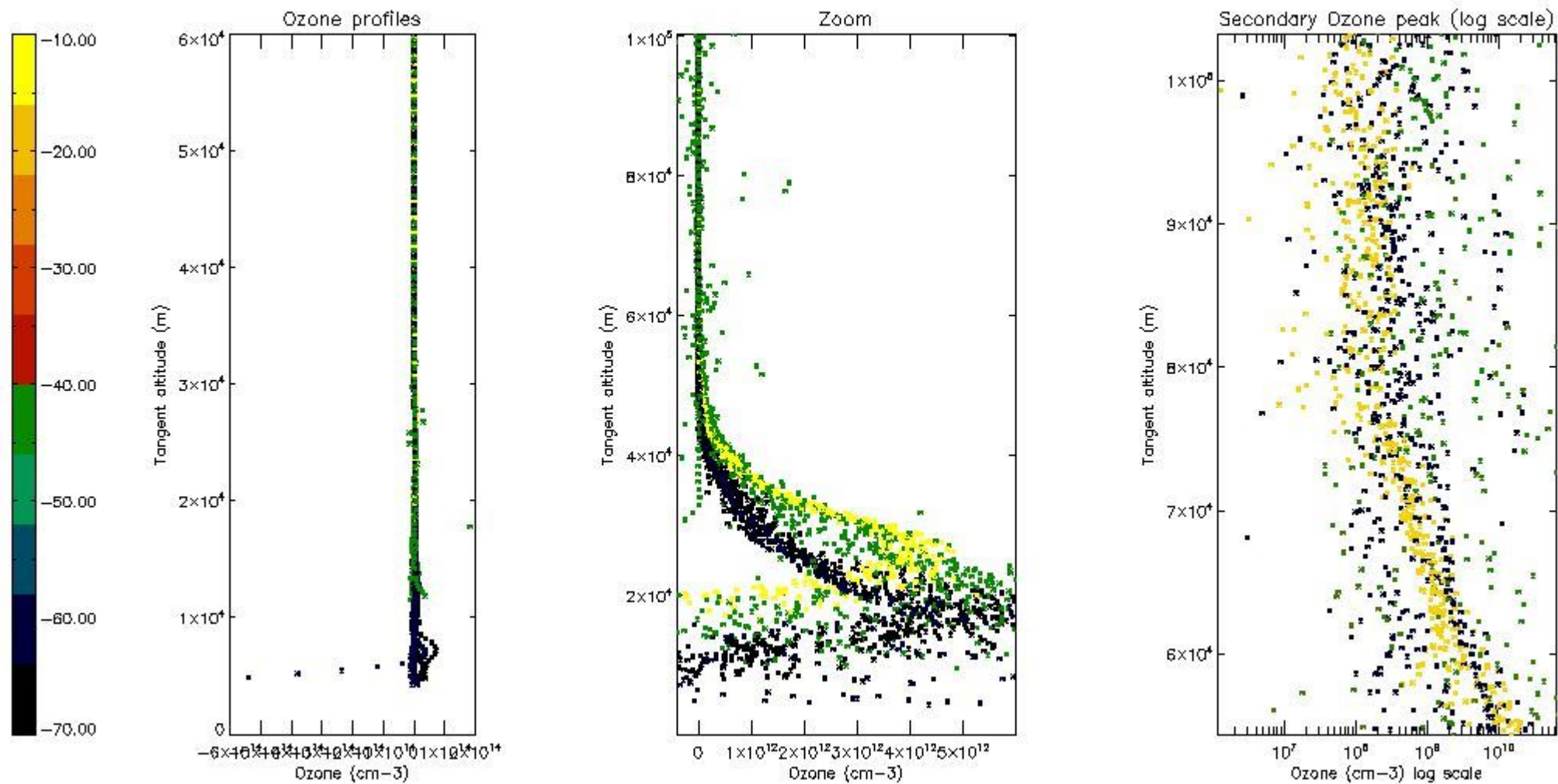
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	23
STD < 20	7

STD < 10	3
STD < 5	1

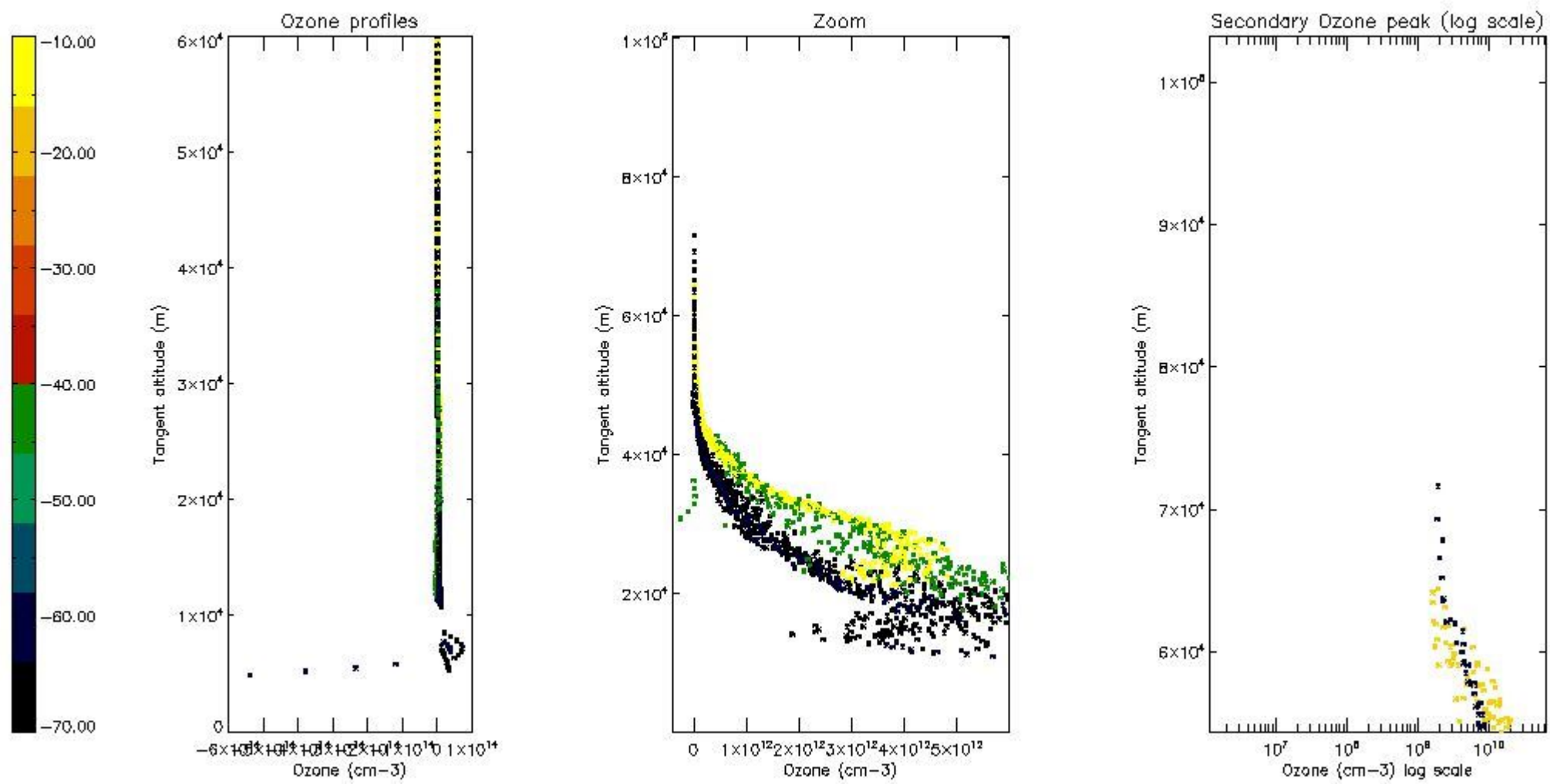
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



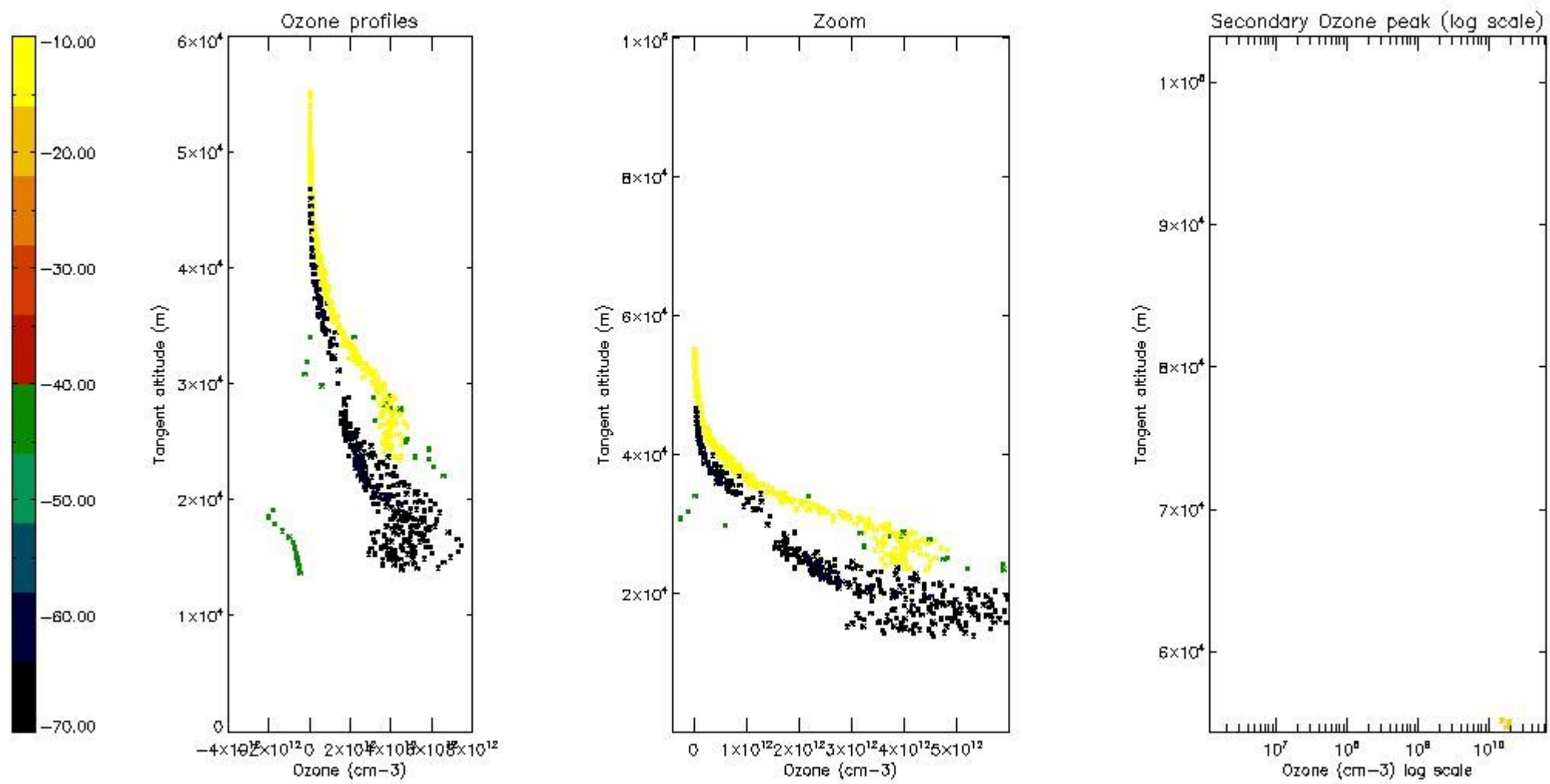
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



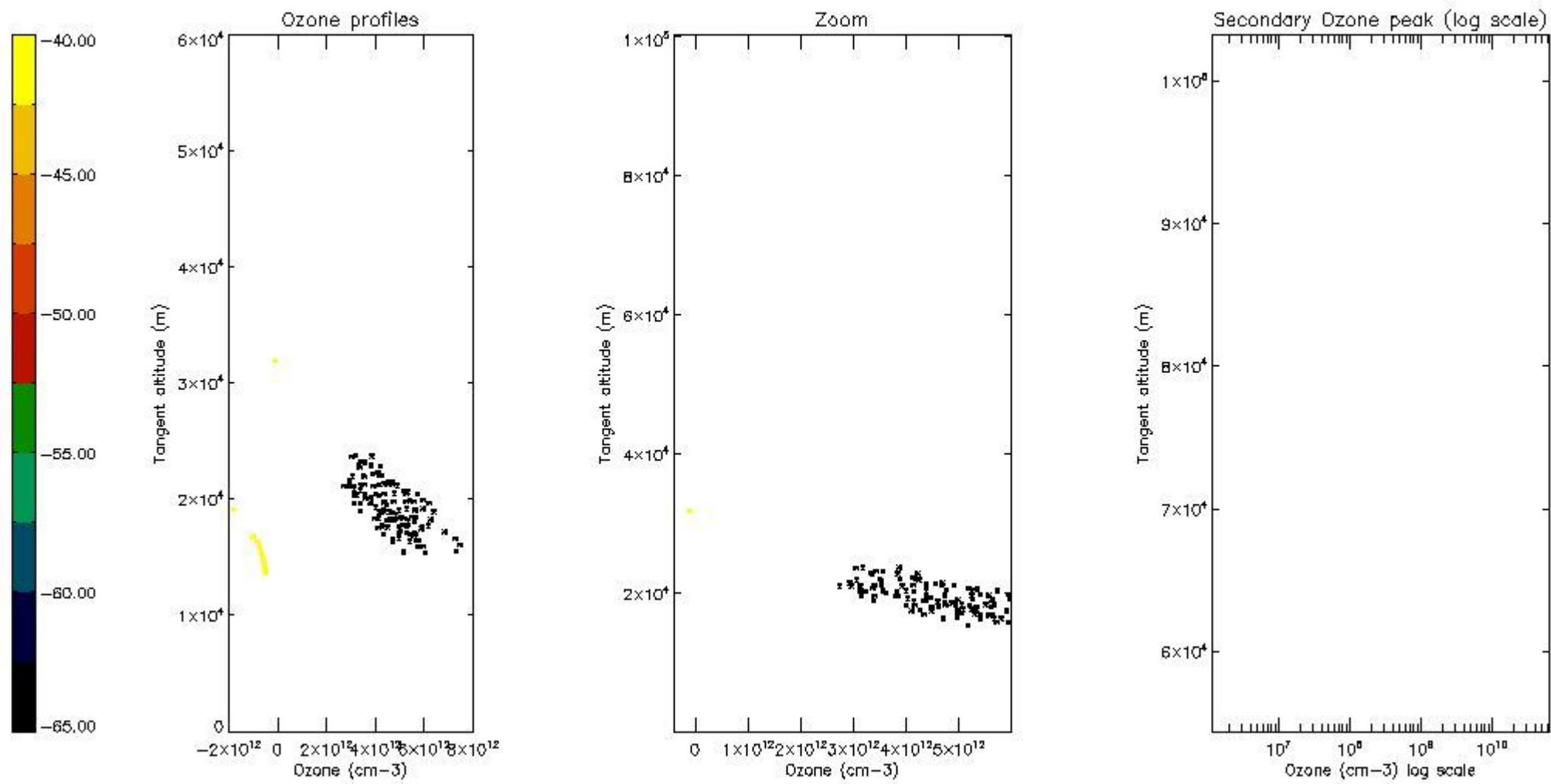
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



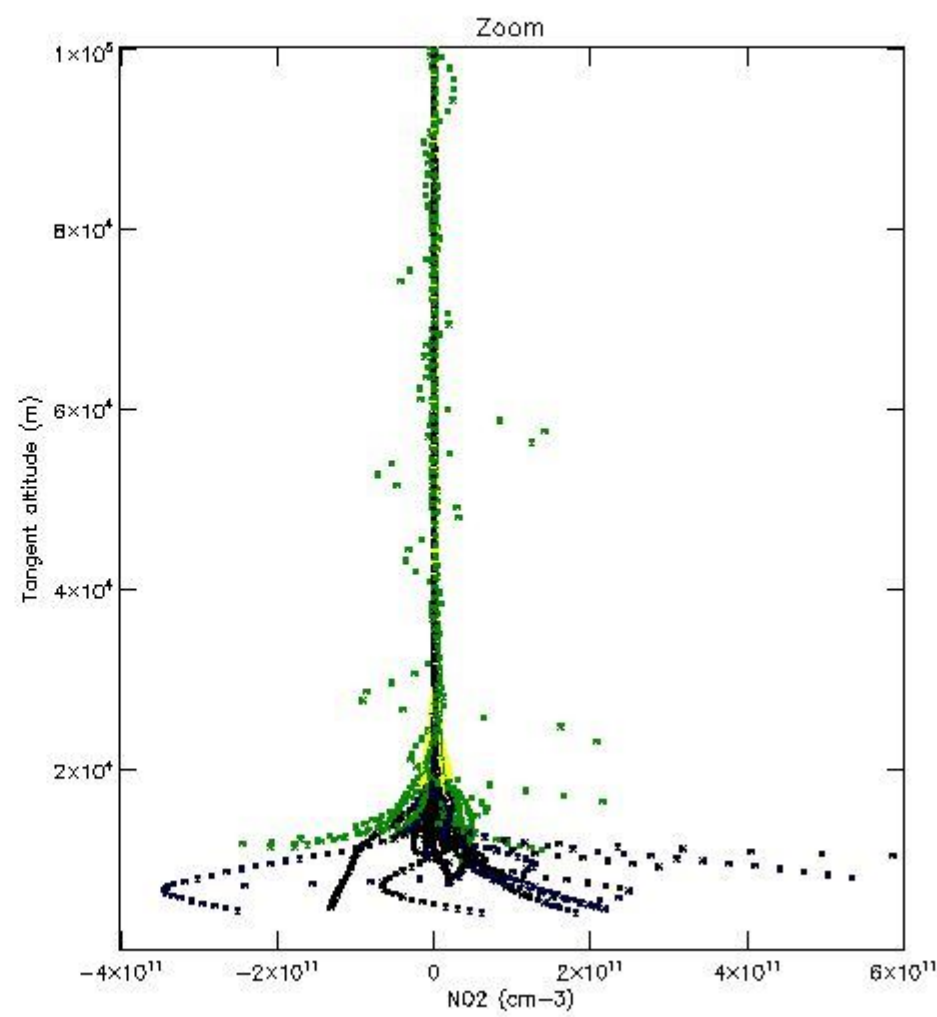
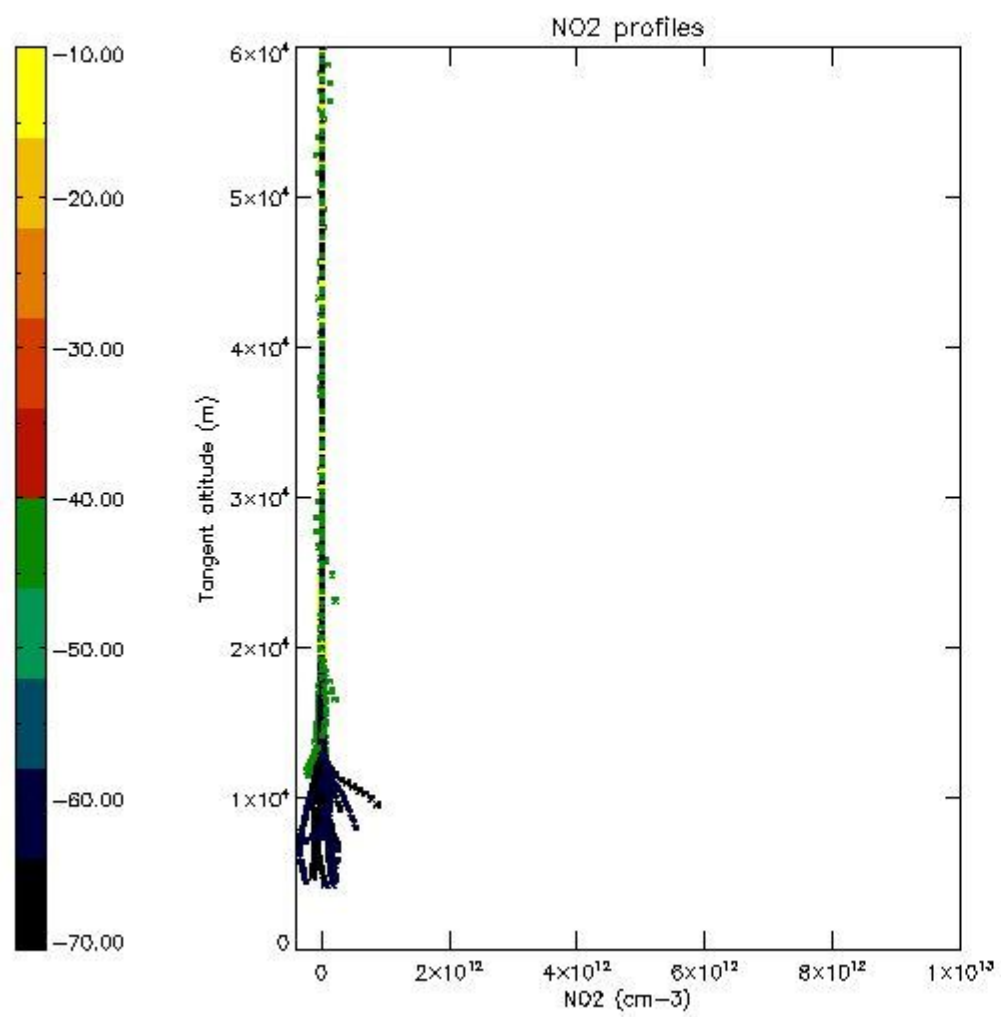
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



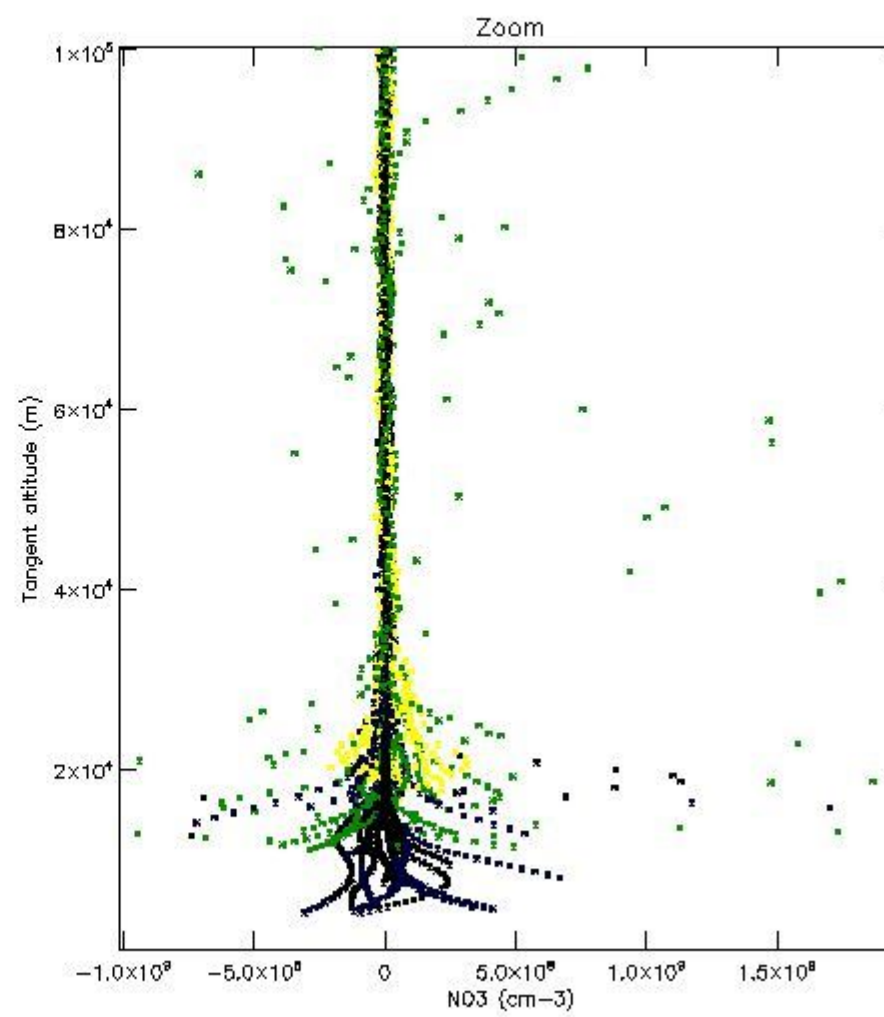
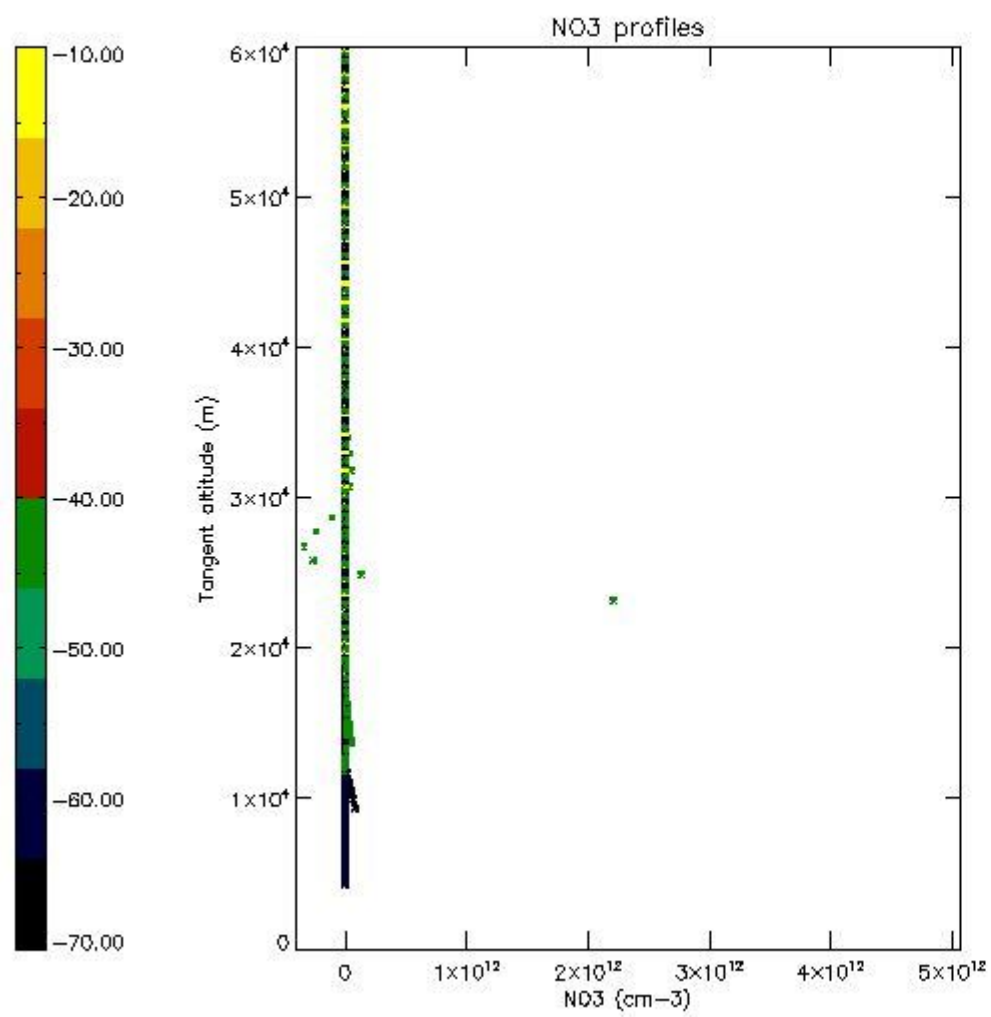
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



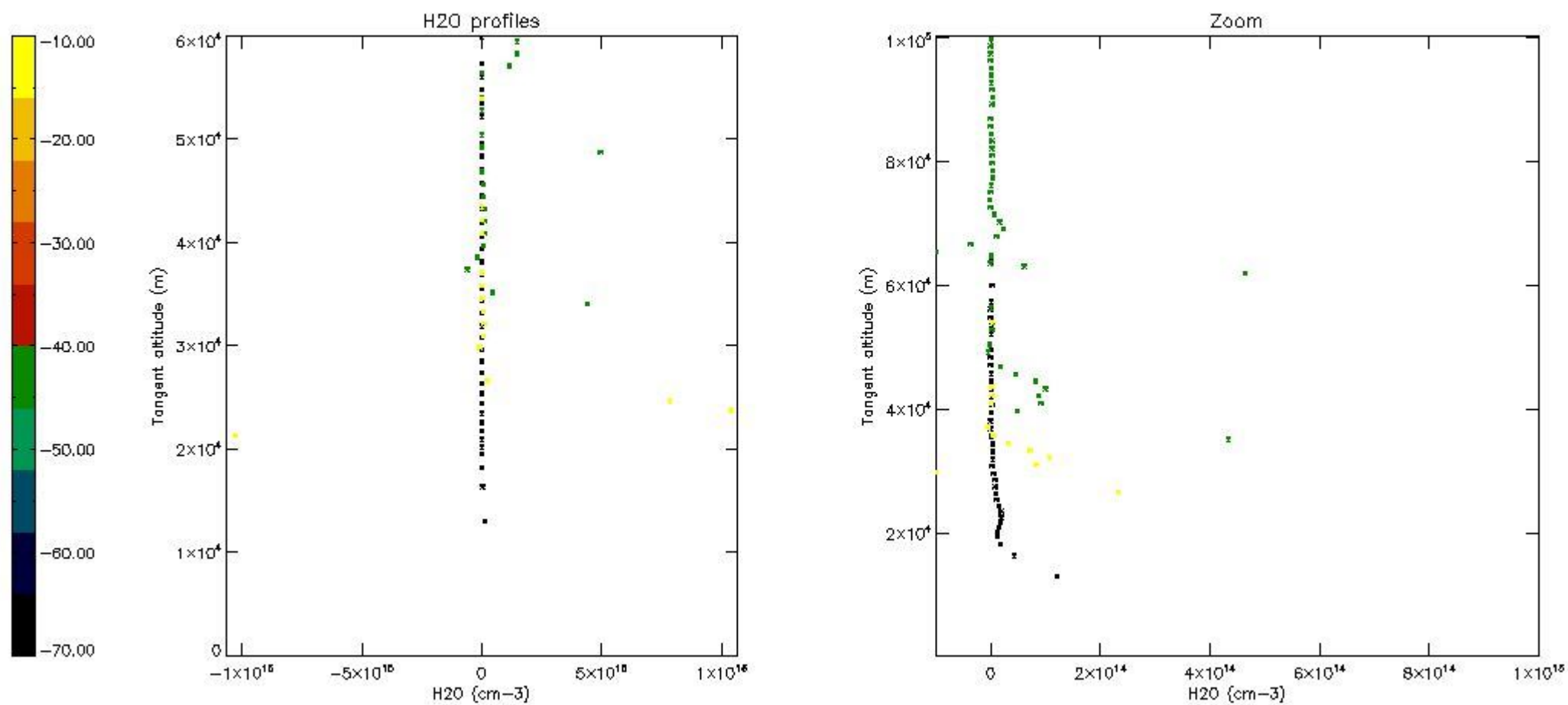
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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)

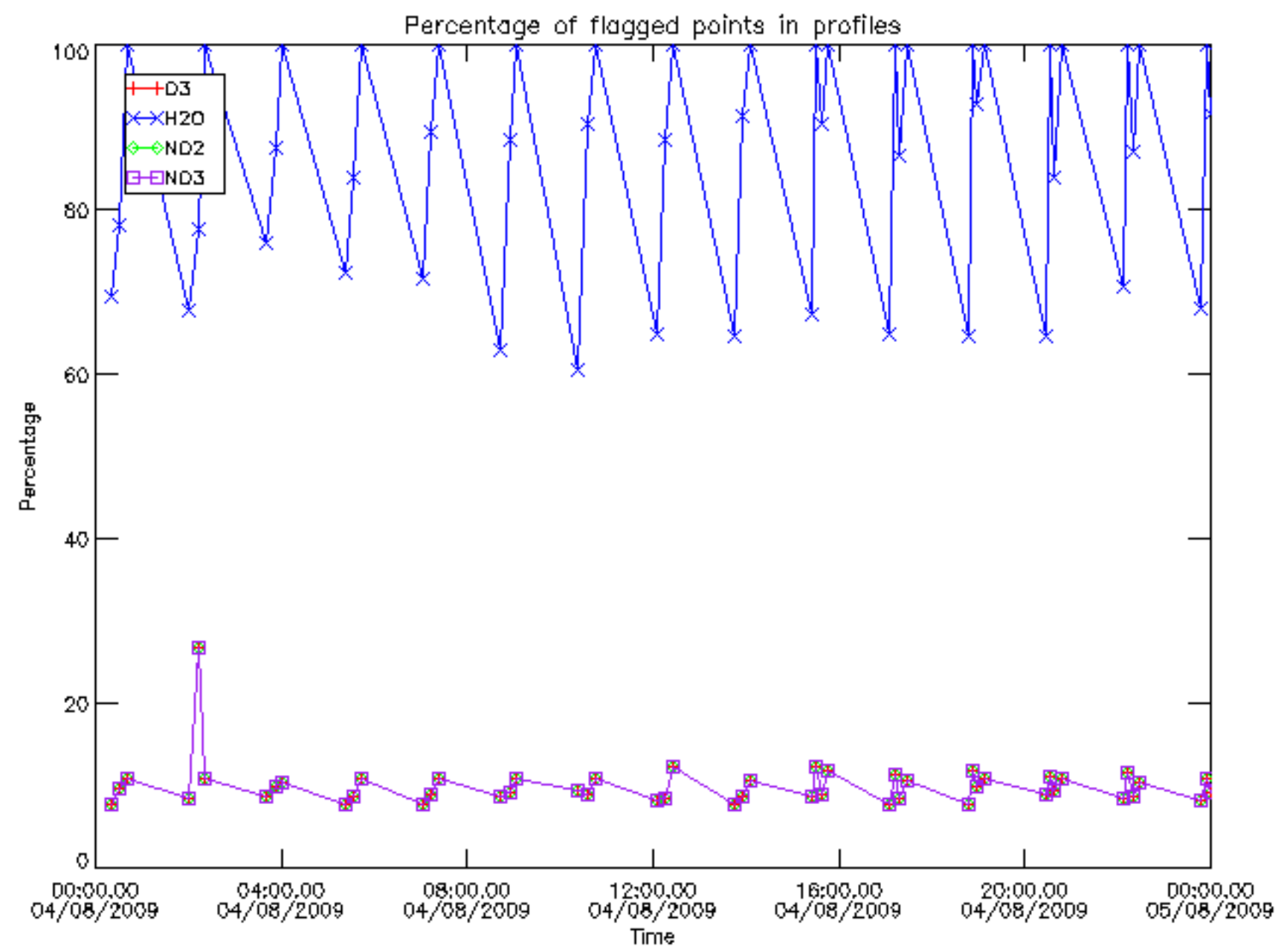
The colorbar represents the latitude.



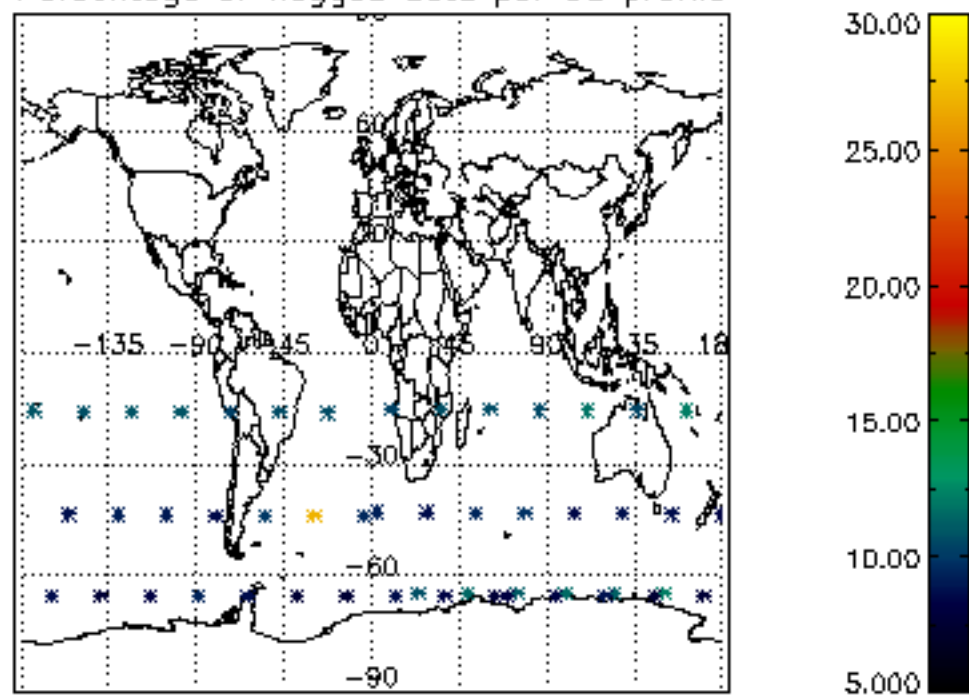
6. Auxiliary Data Files used for the production reported in section 2

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.

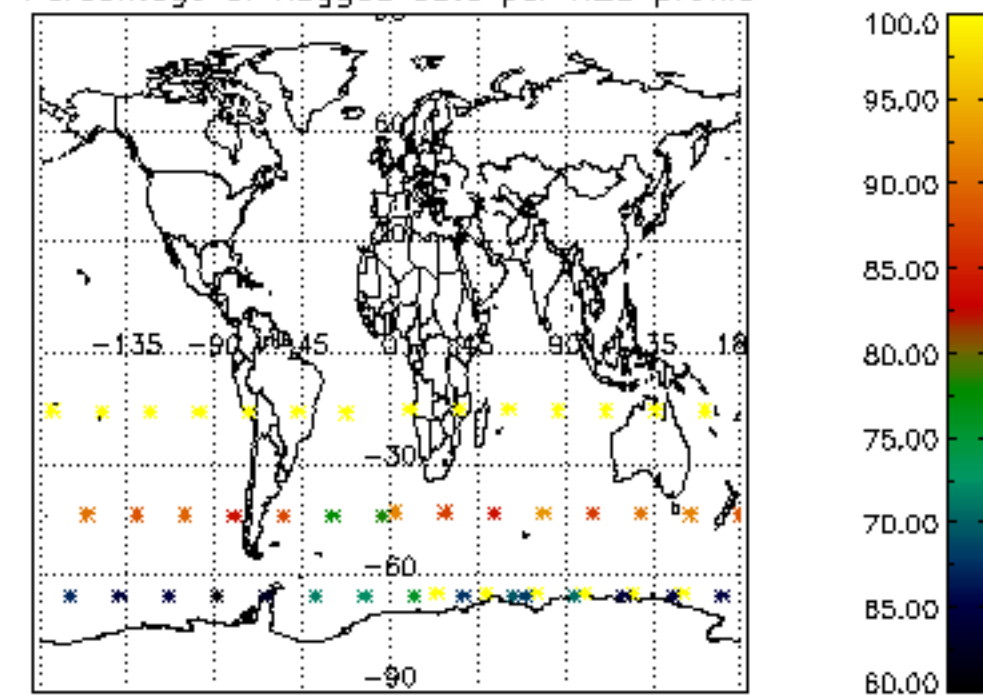
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	04-AUG-2009 00:05:54
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	04-AUG-2009 00:05:54
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	04-AUG-2009 00:05:54



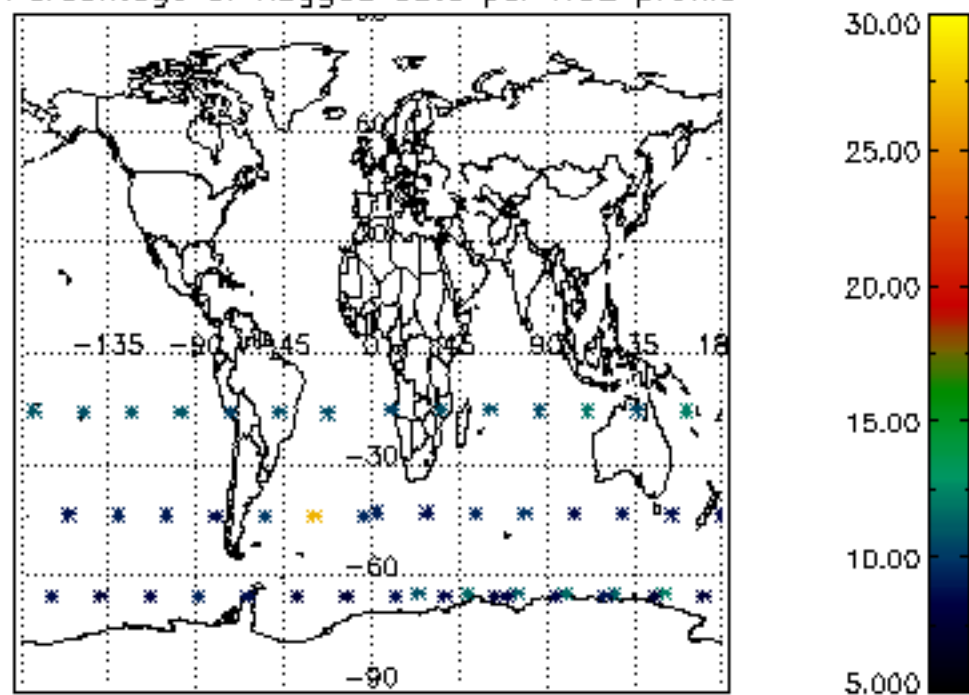
Percentage of flagged data per D3 profile



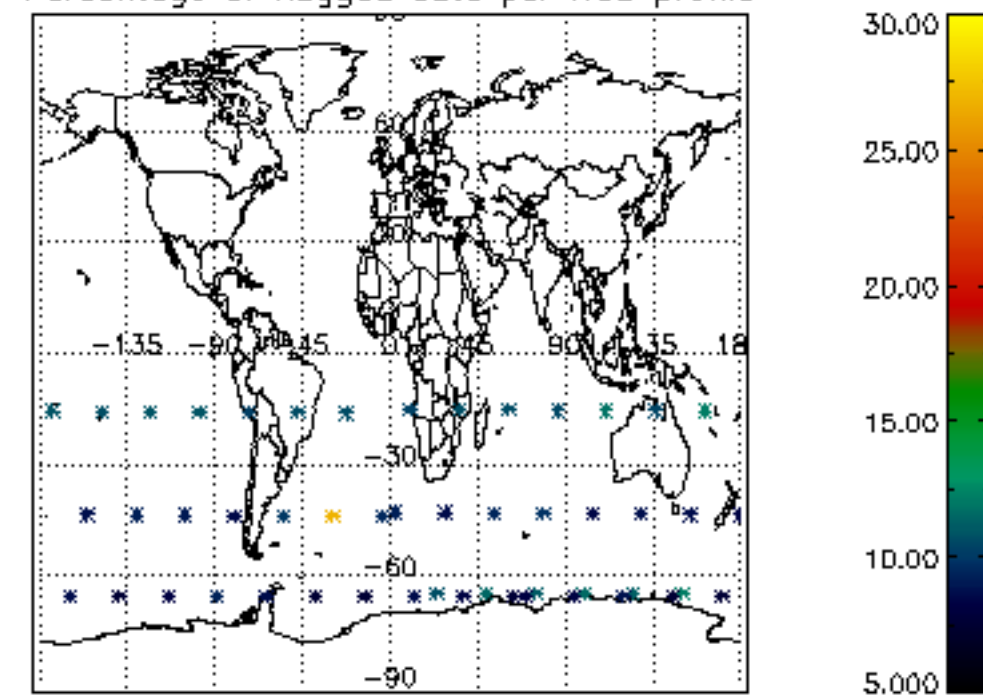
Percentage of flagged data per H2O profile

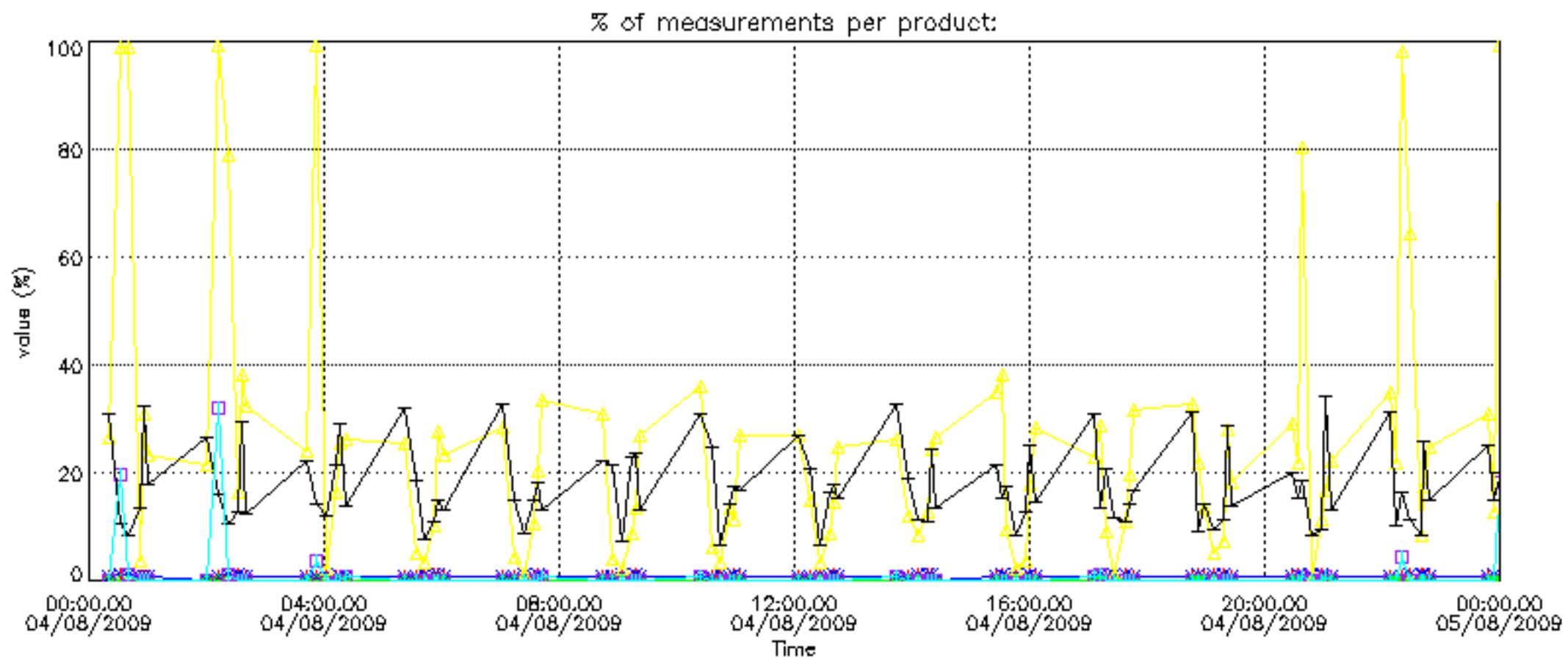


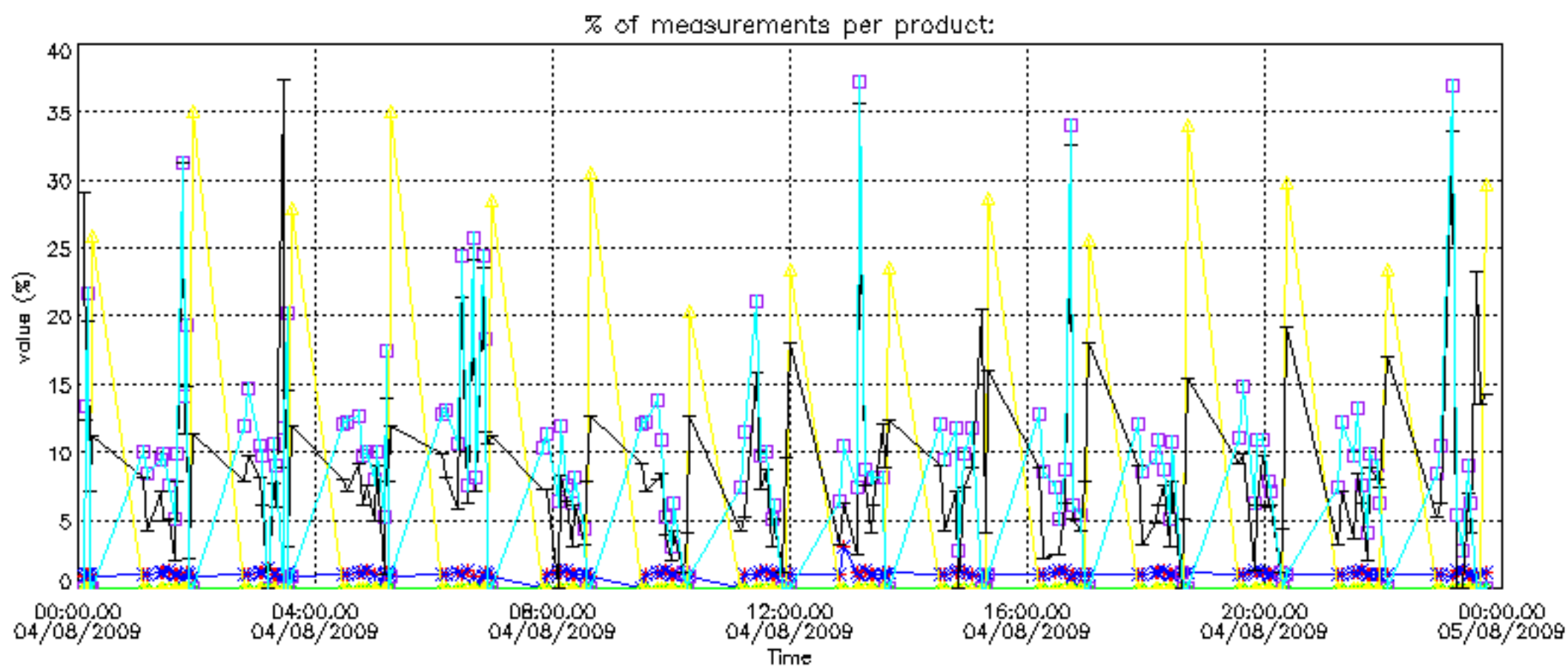
Percentage of flagged data per NO2 profile



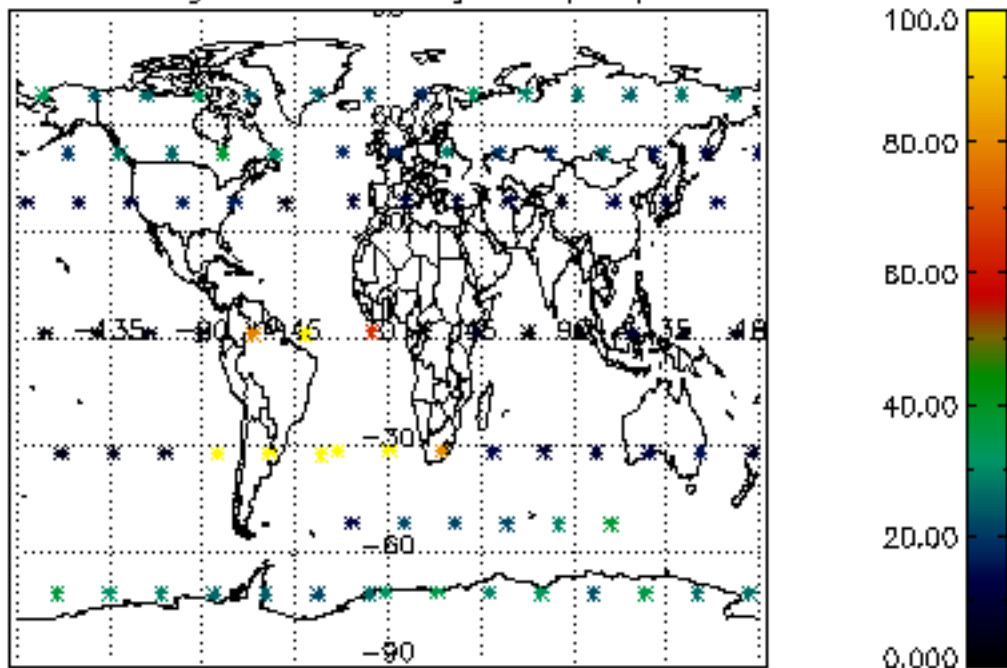
Percentage of flagged data per NO3 profile



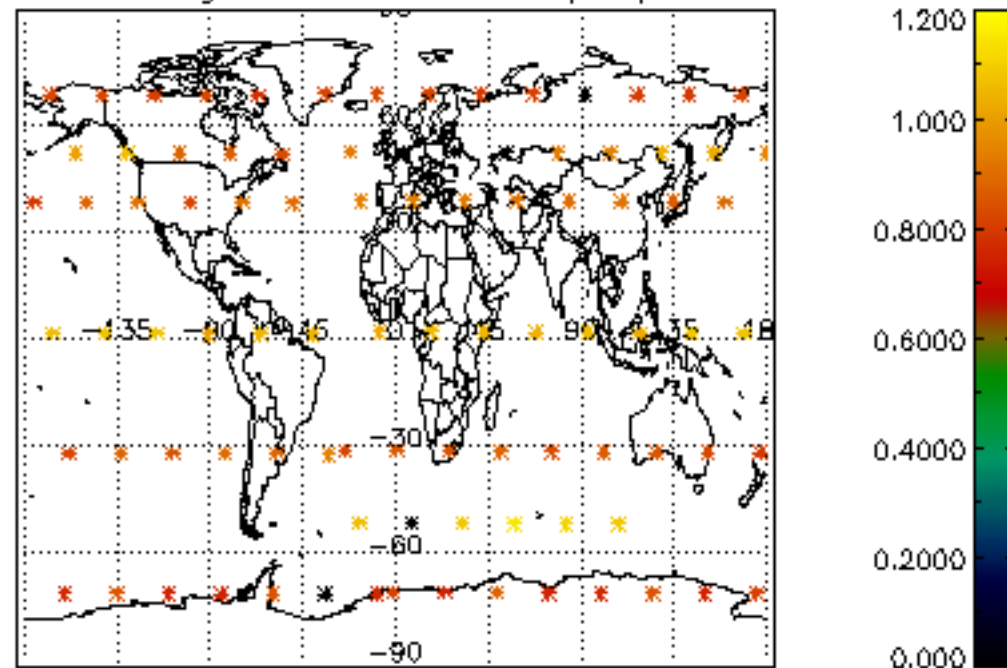




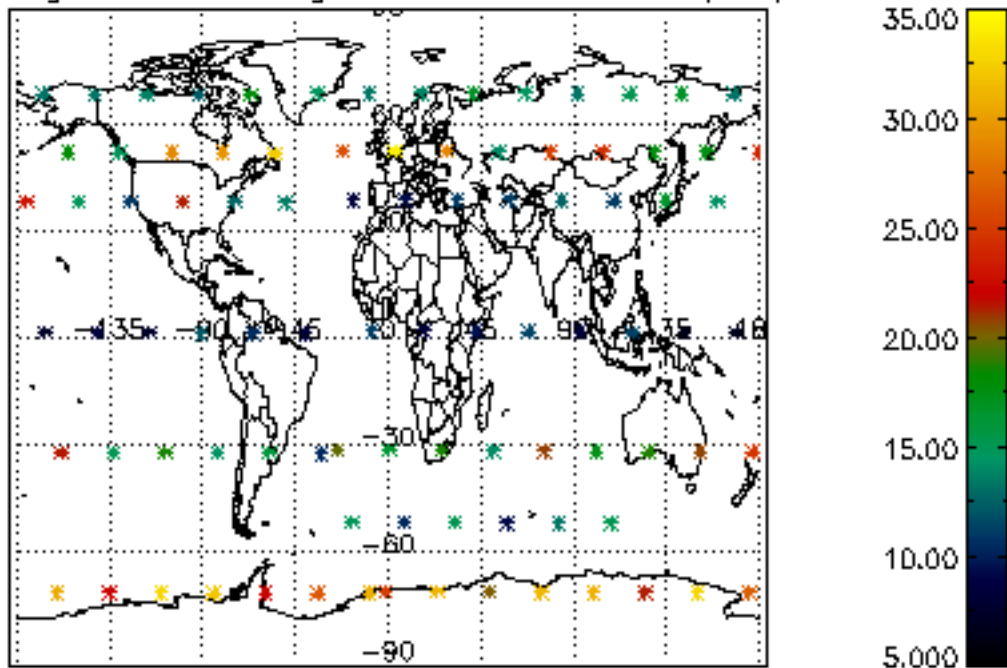
Percentage of cosmic ray hits per profile



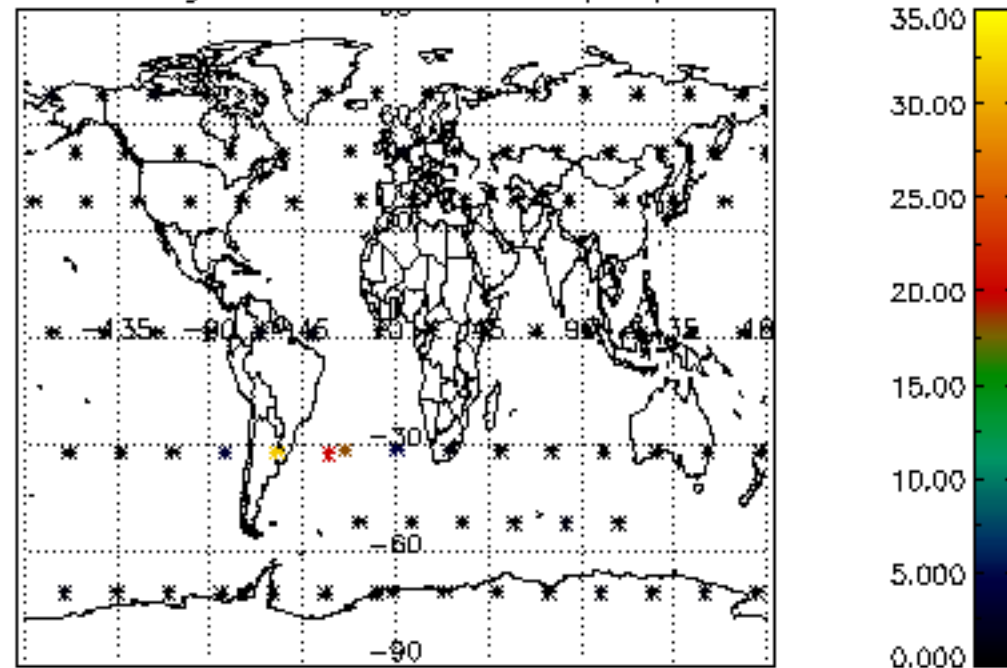
Percentage of datation errors per profile



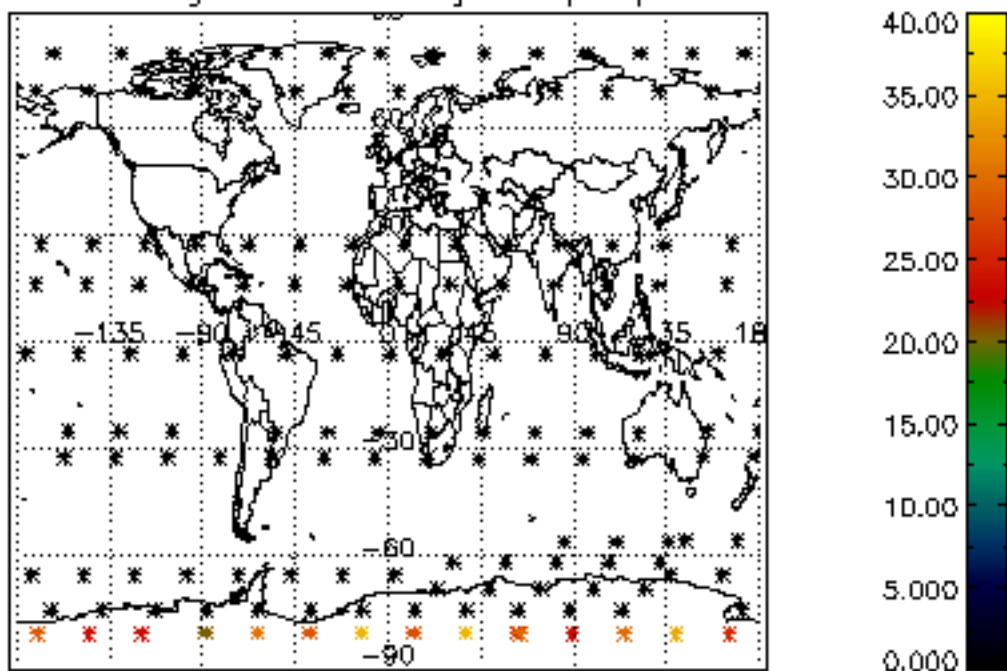
Percentage of star falling outside central band per profile



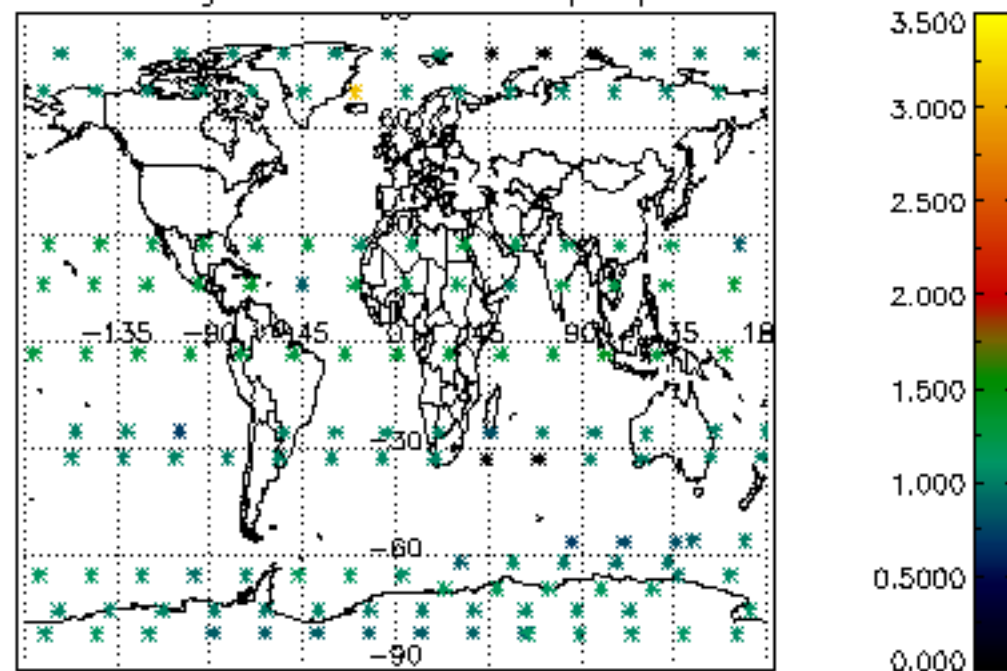
Percentage of saturation errors per profile



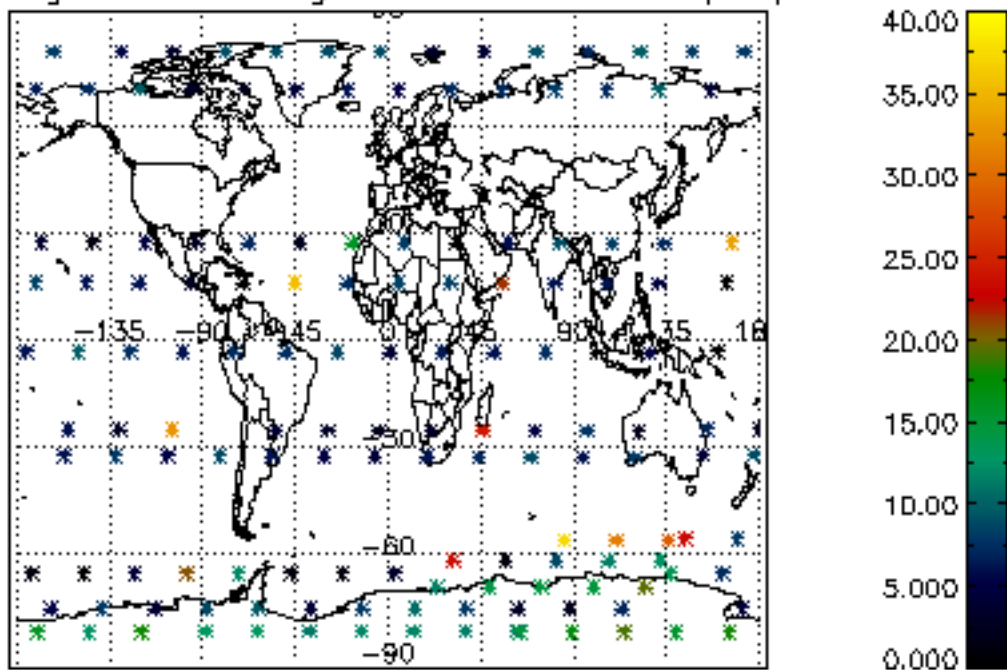
Percentage of cosmic ray hits per profile



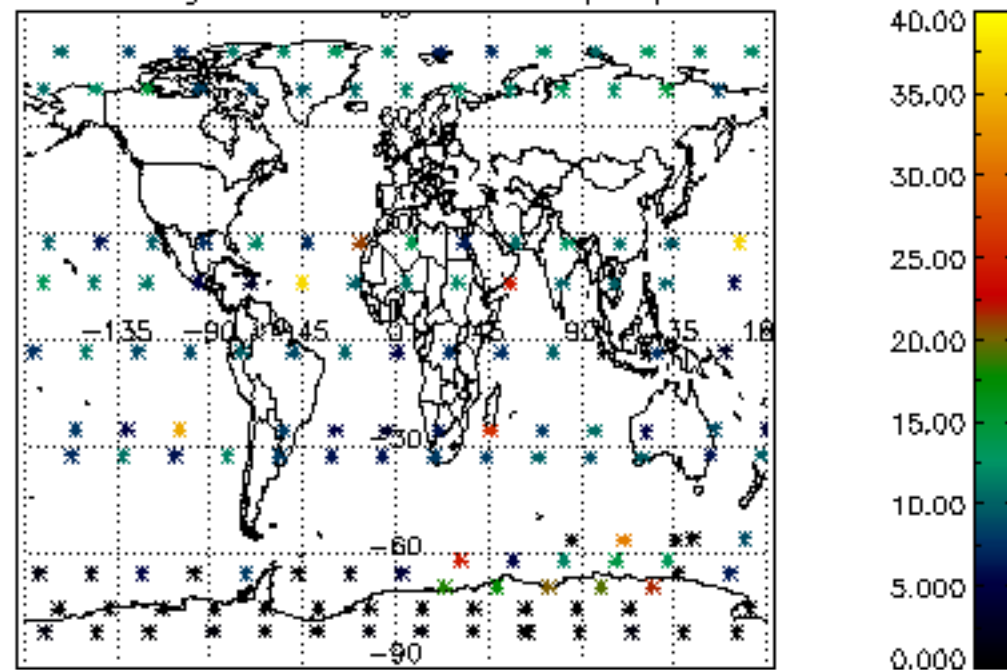
Percentage of datation errors per profile

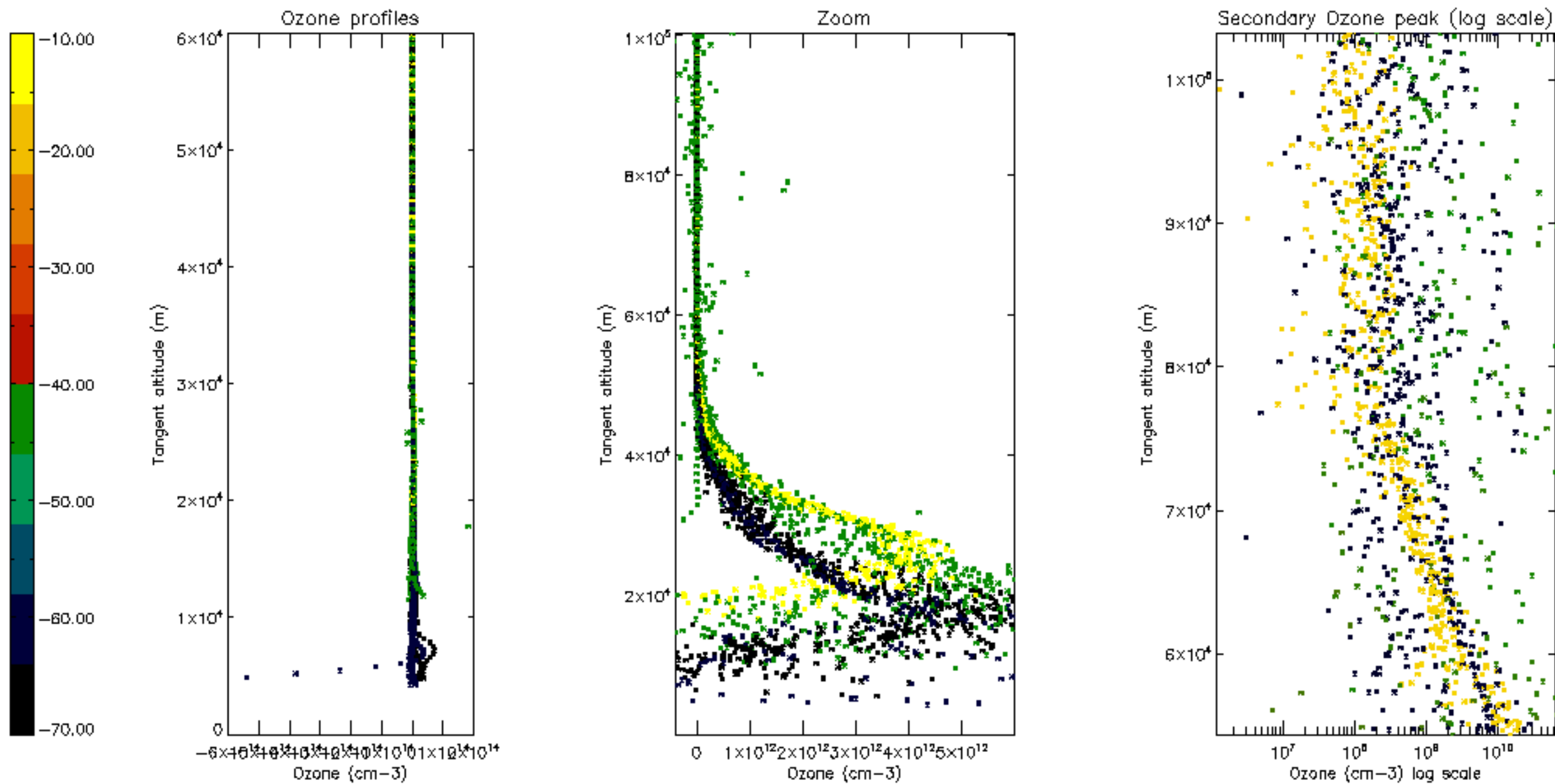


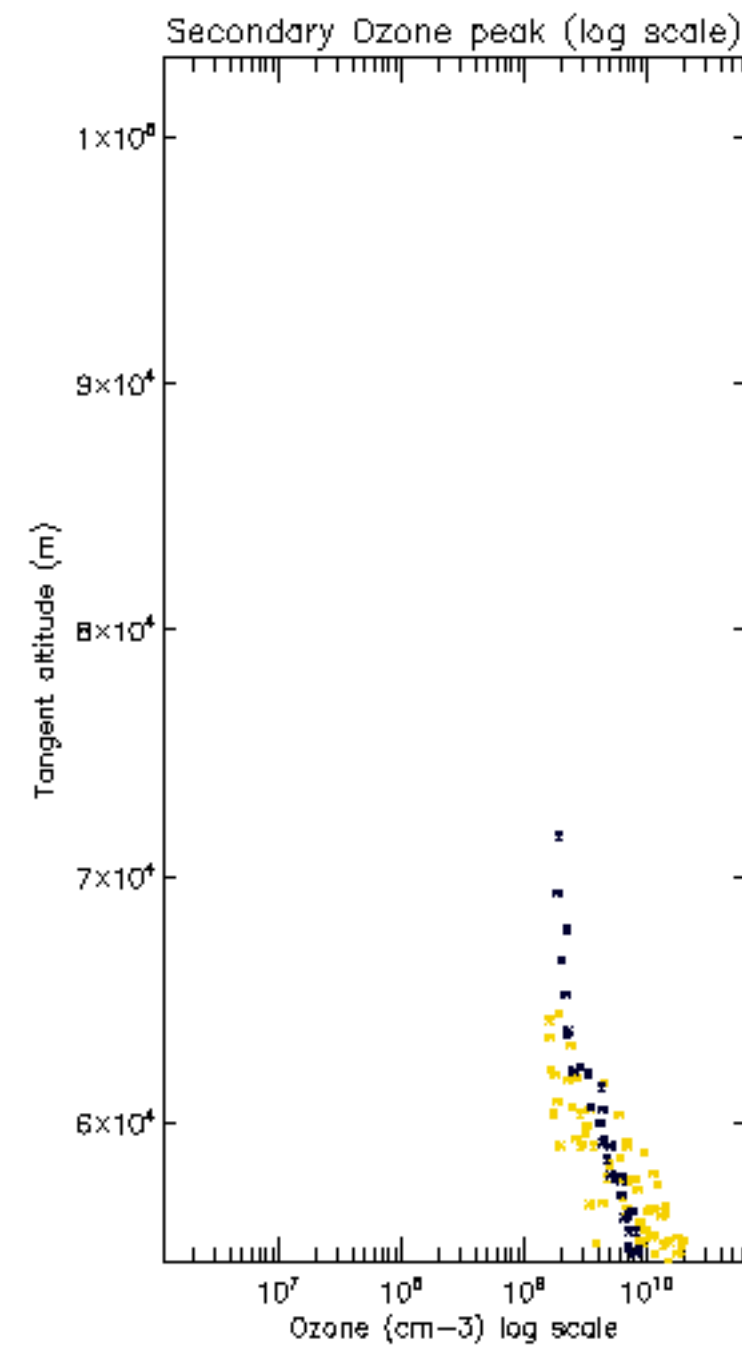
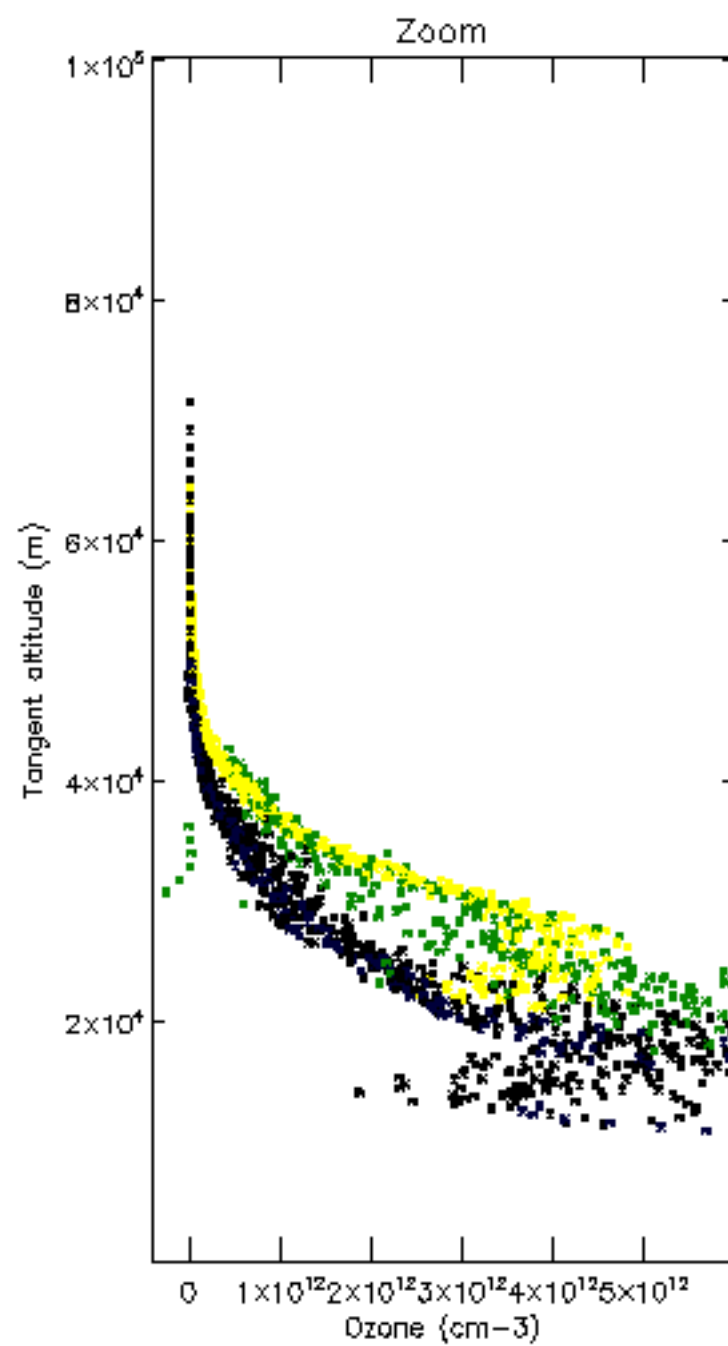
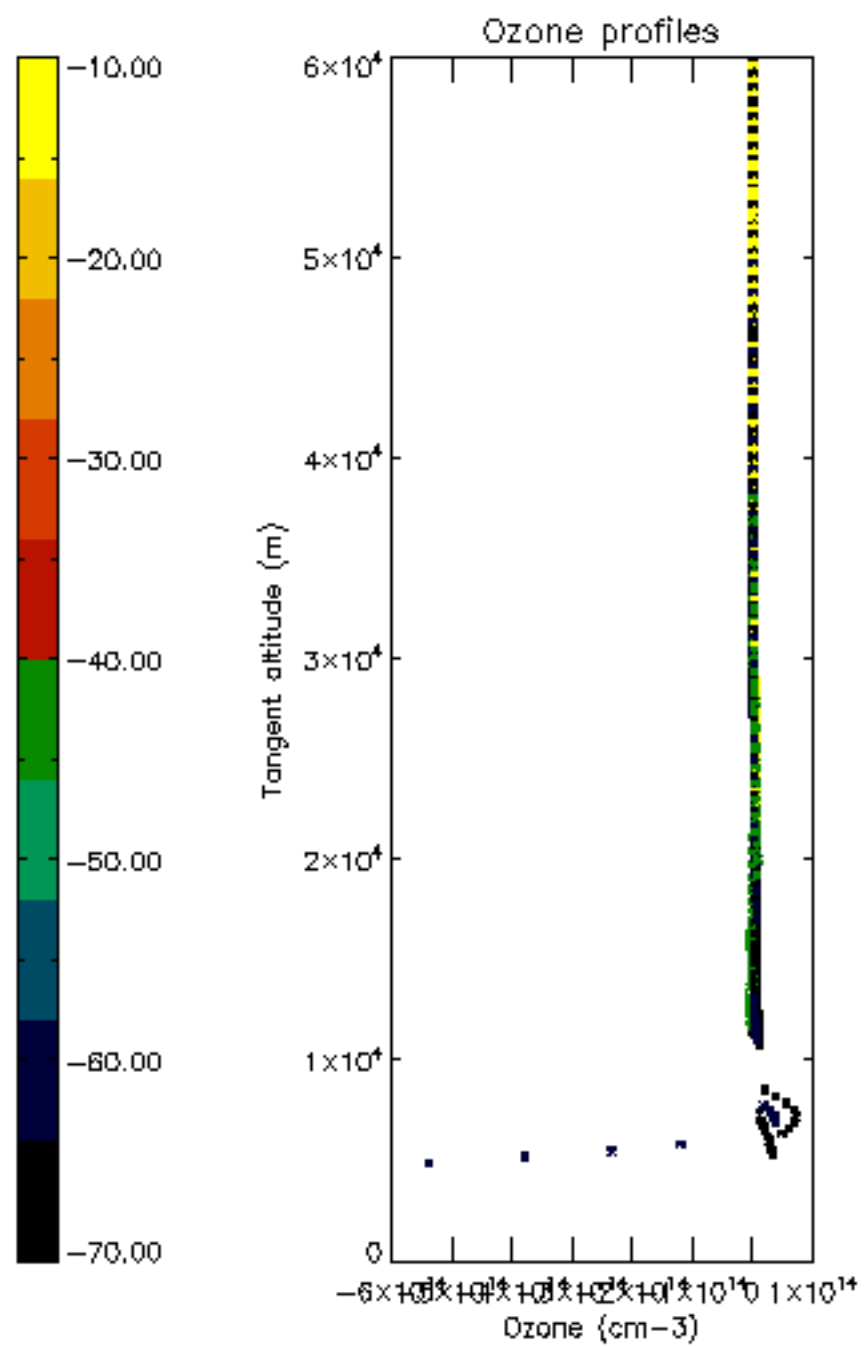
Percentage of star falling outside central band per profile

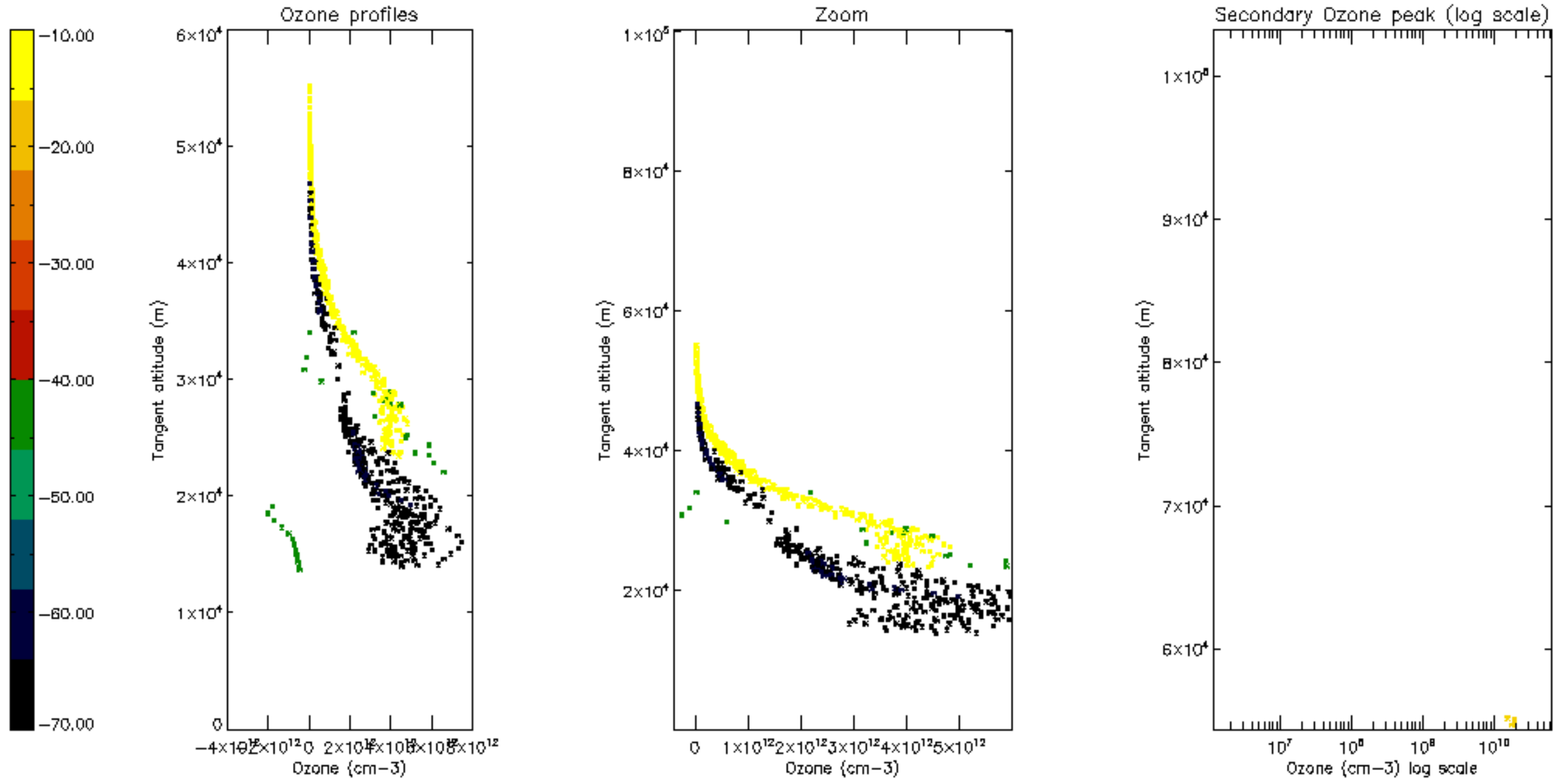


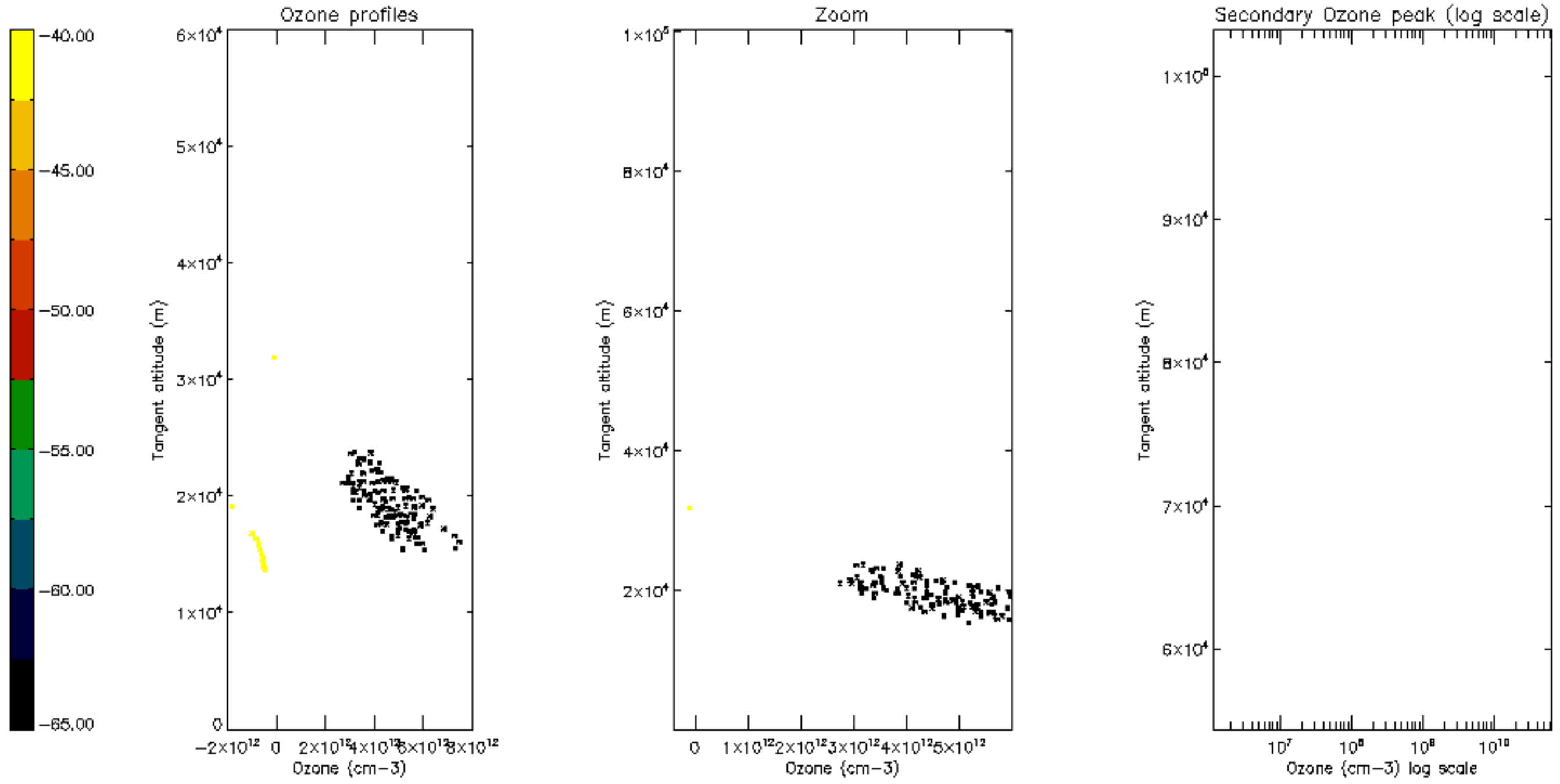
Percentage of saturation errors per profile

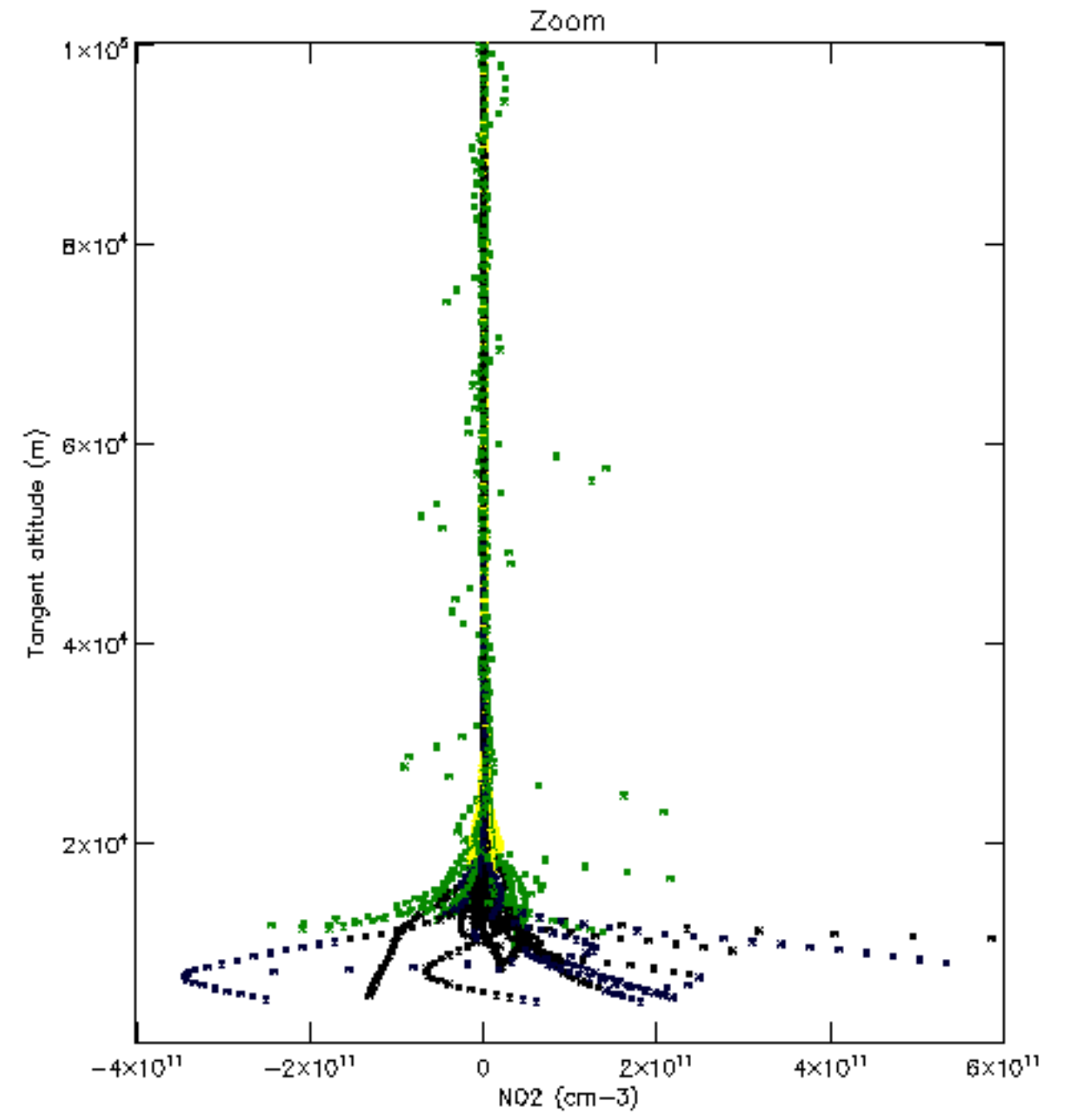
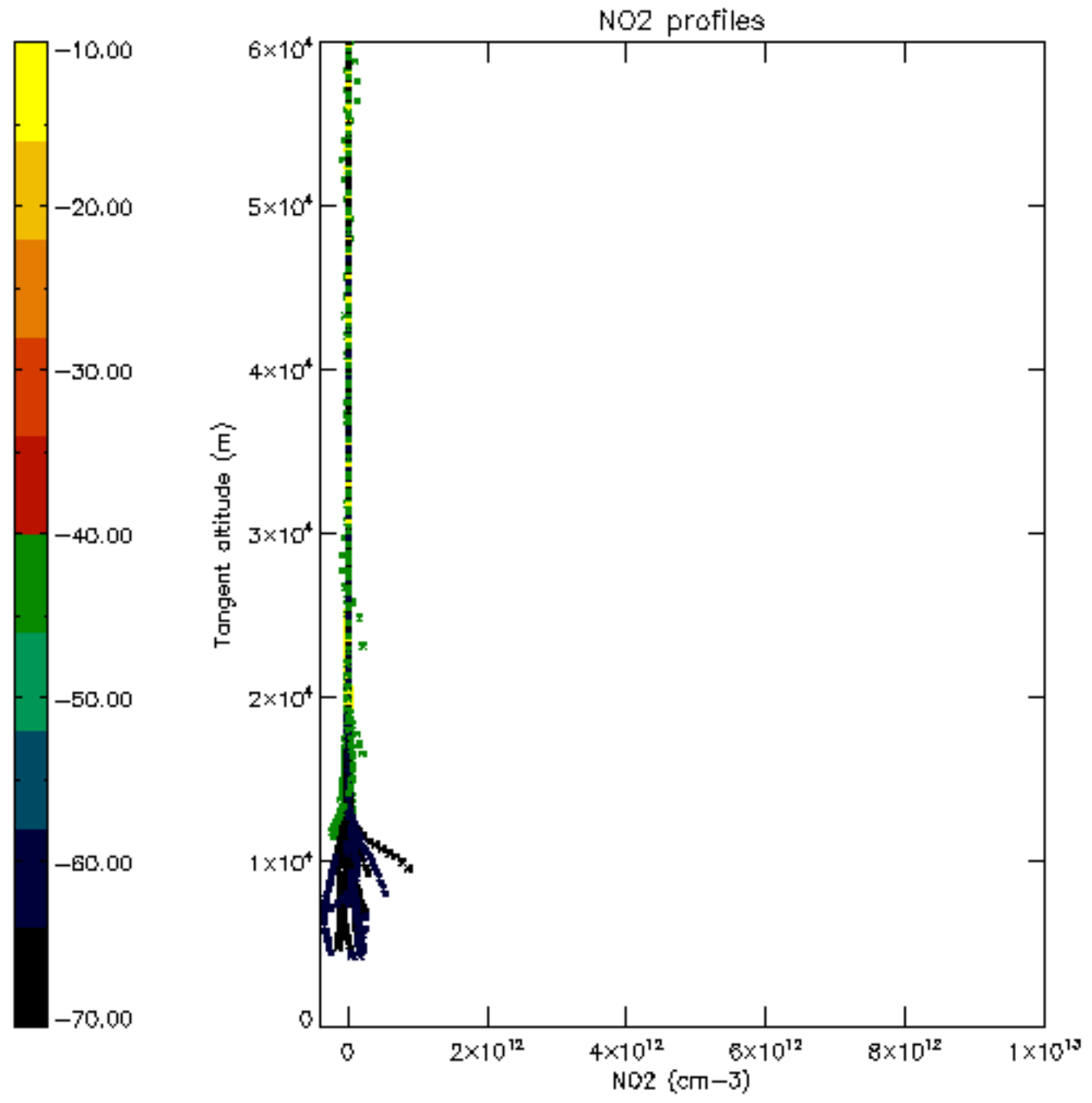


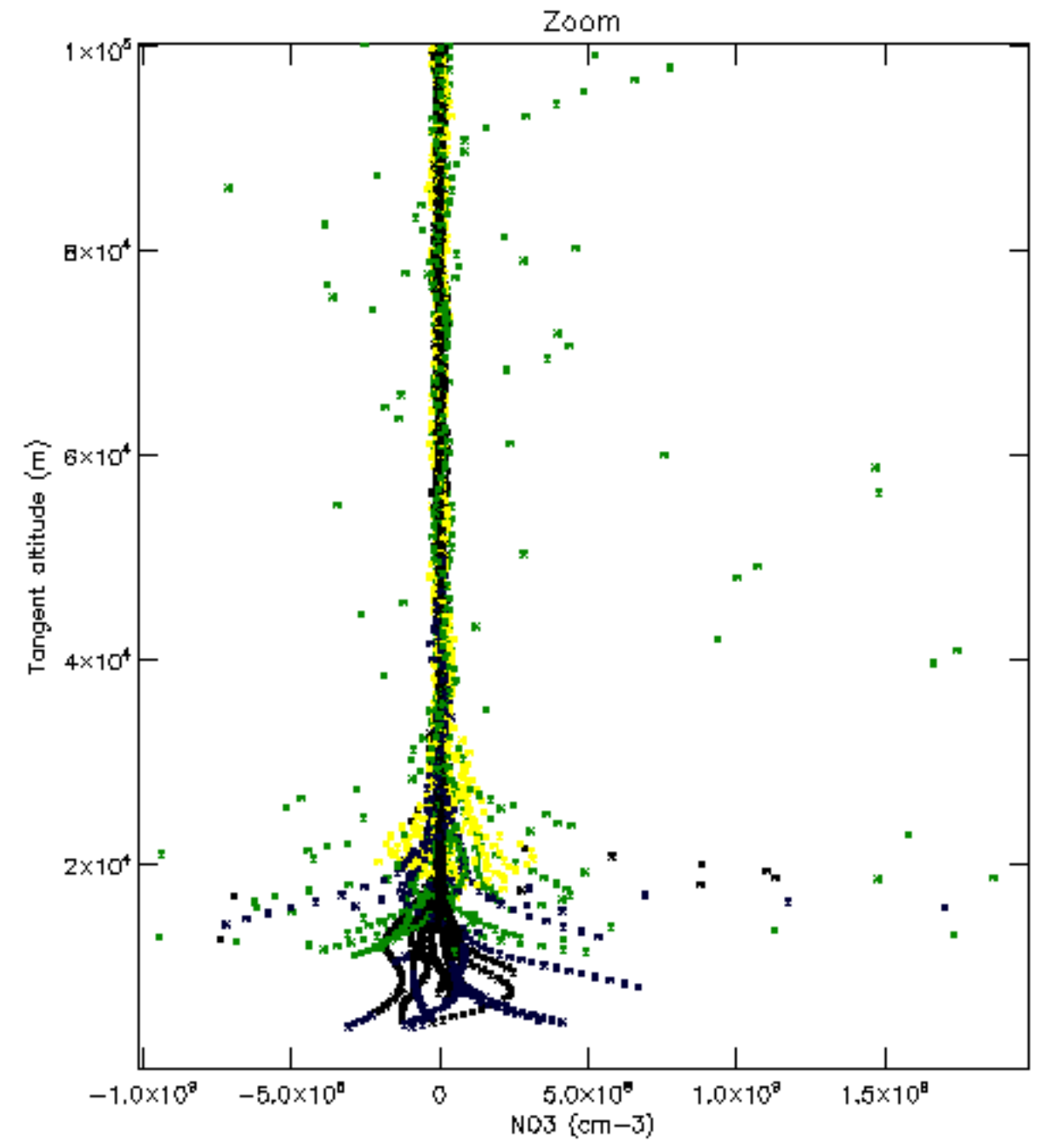
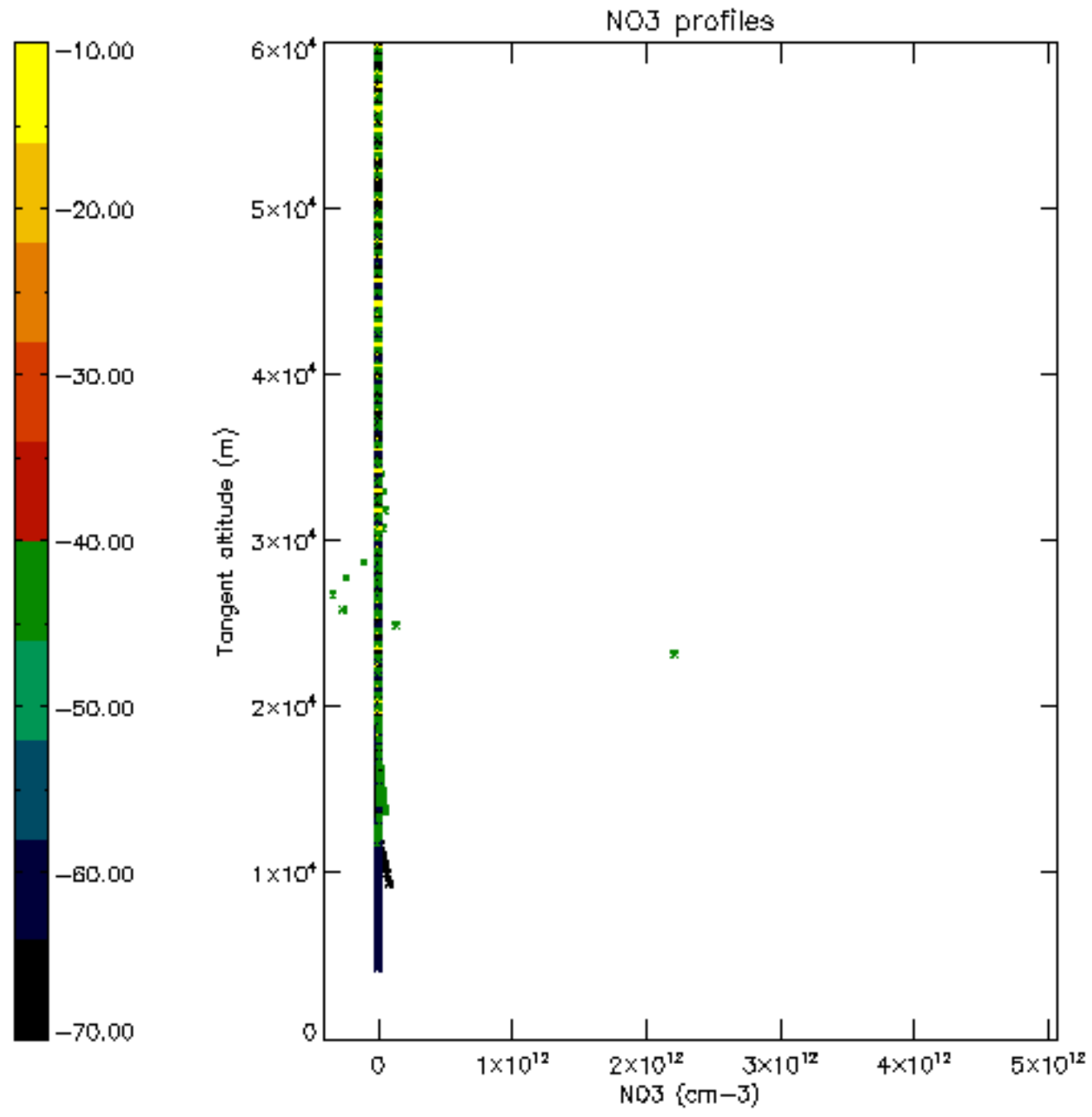


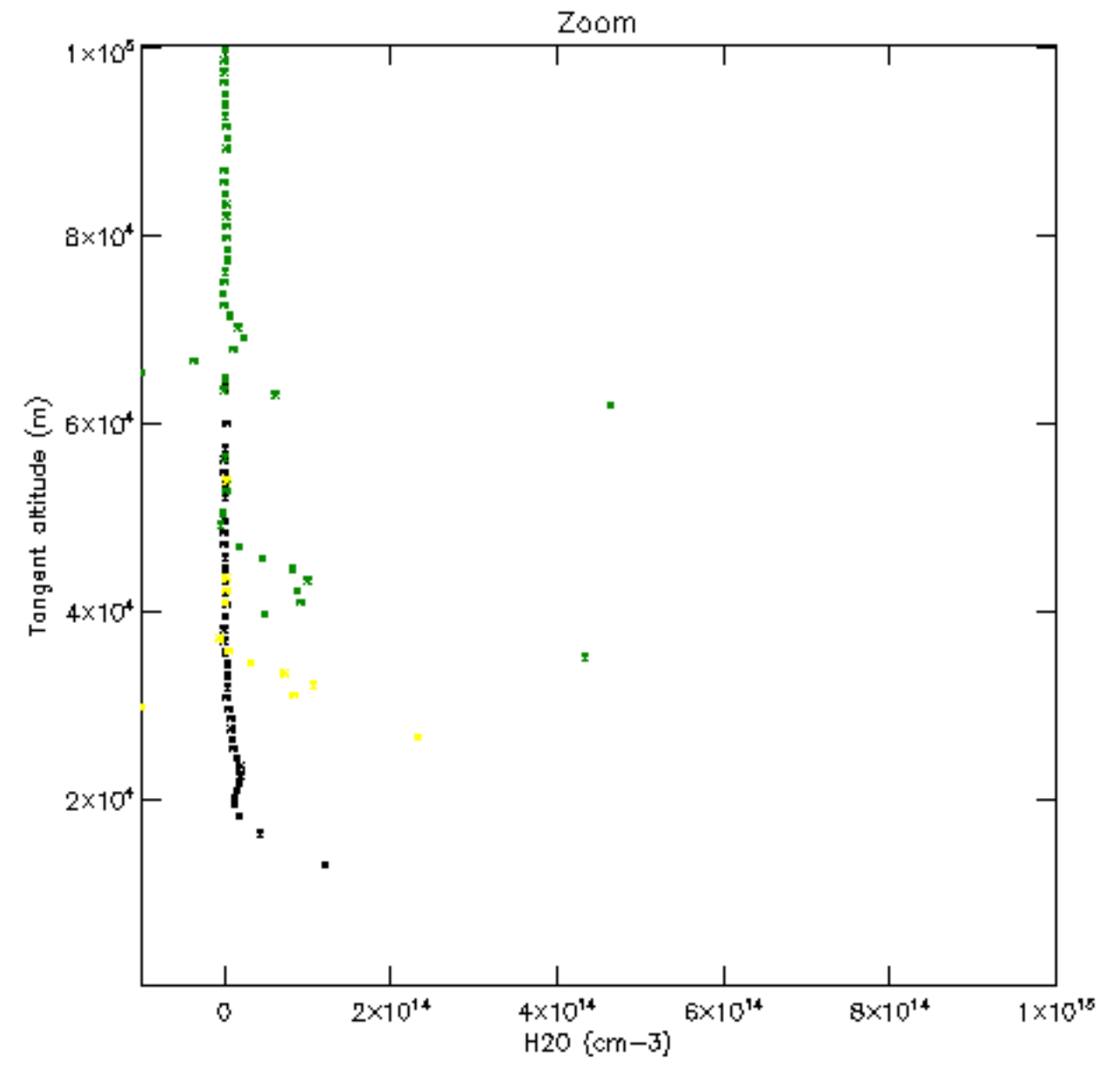
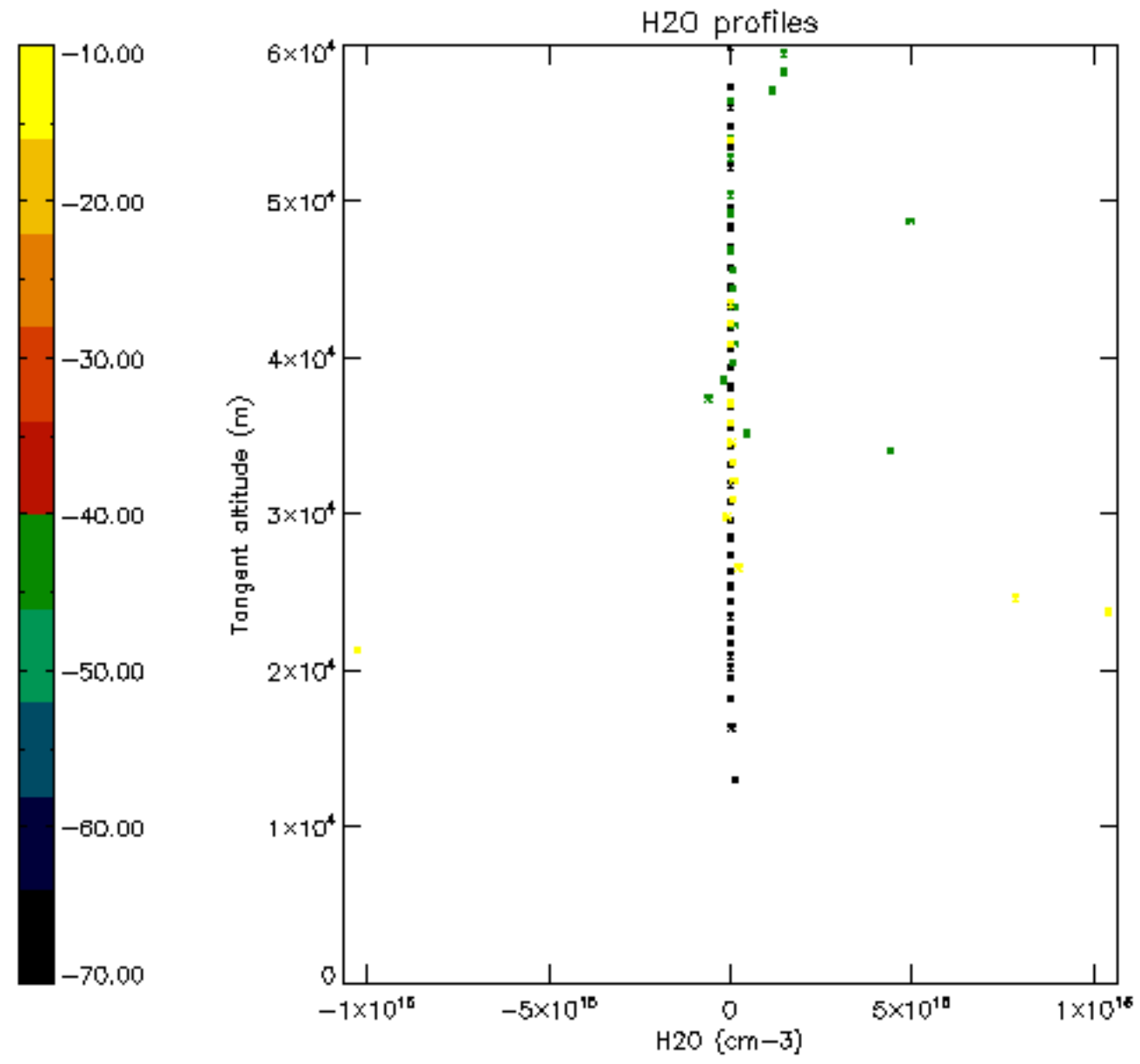


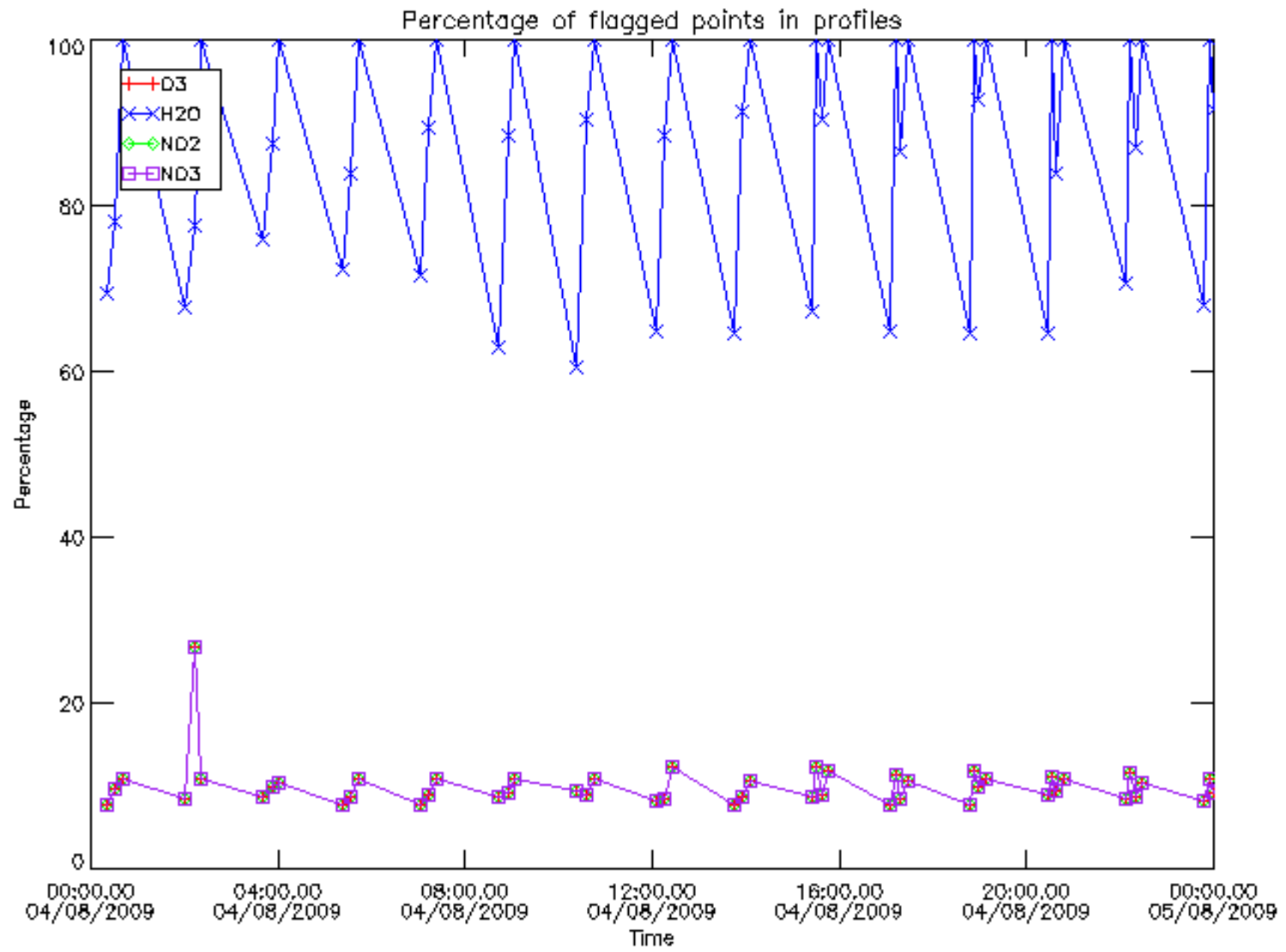




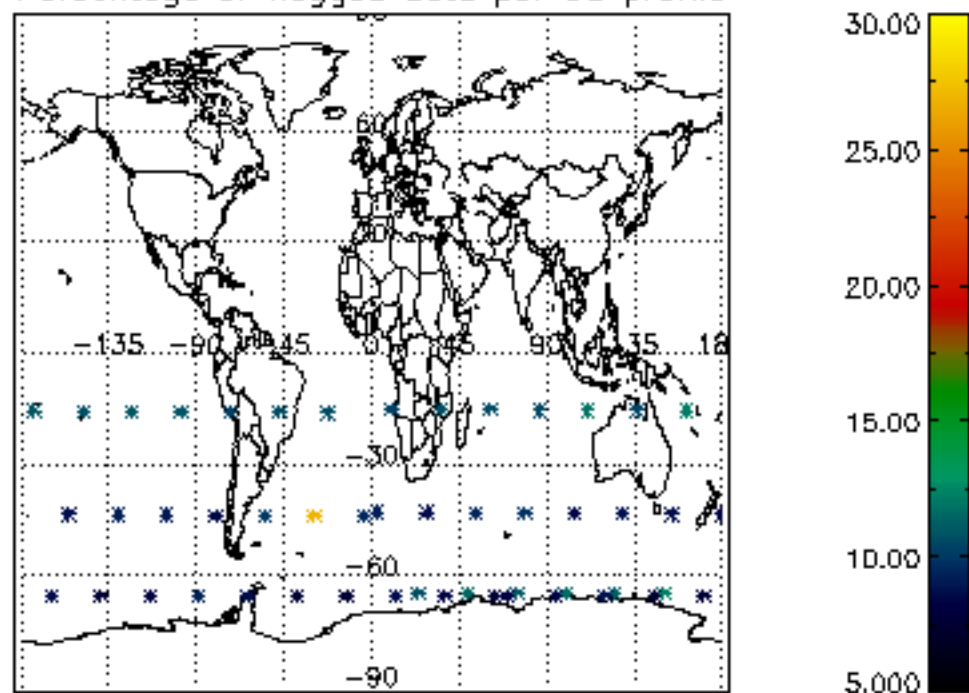




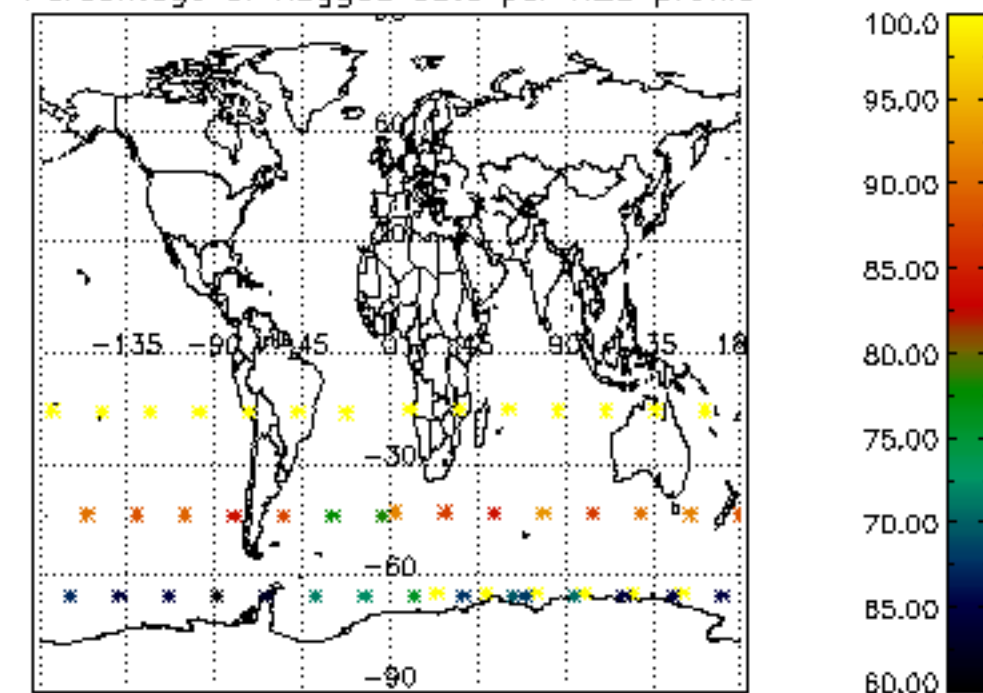




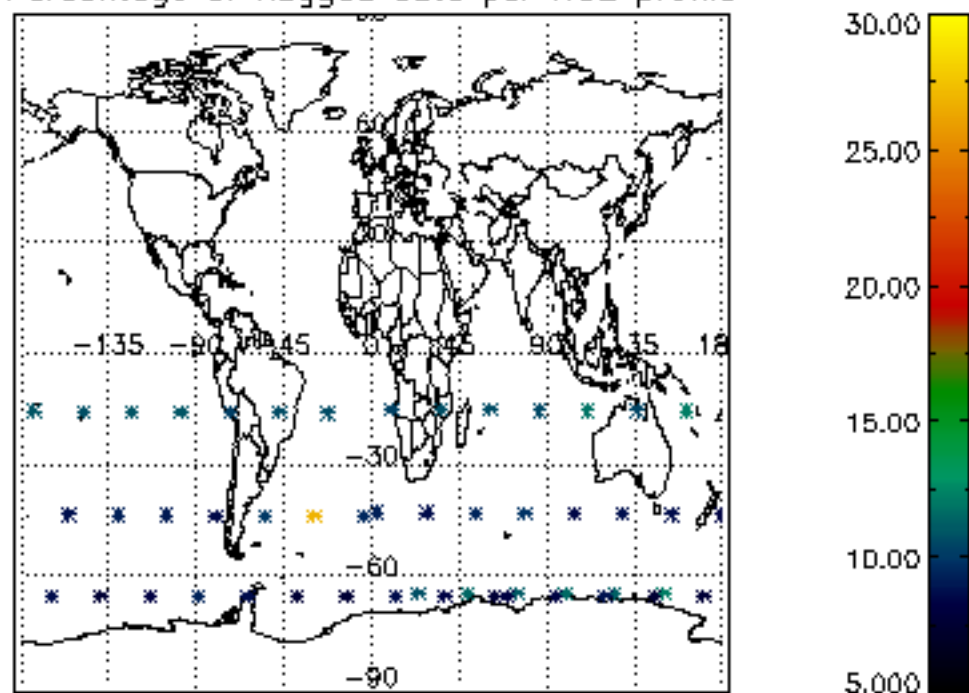
Percentage of flagged data per D3 profile



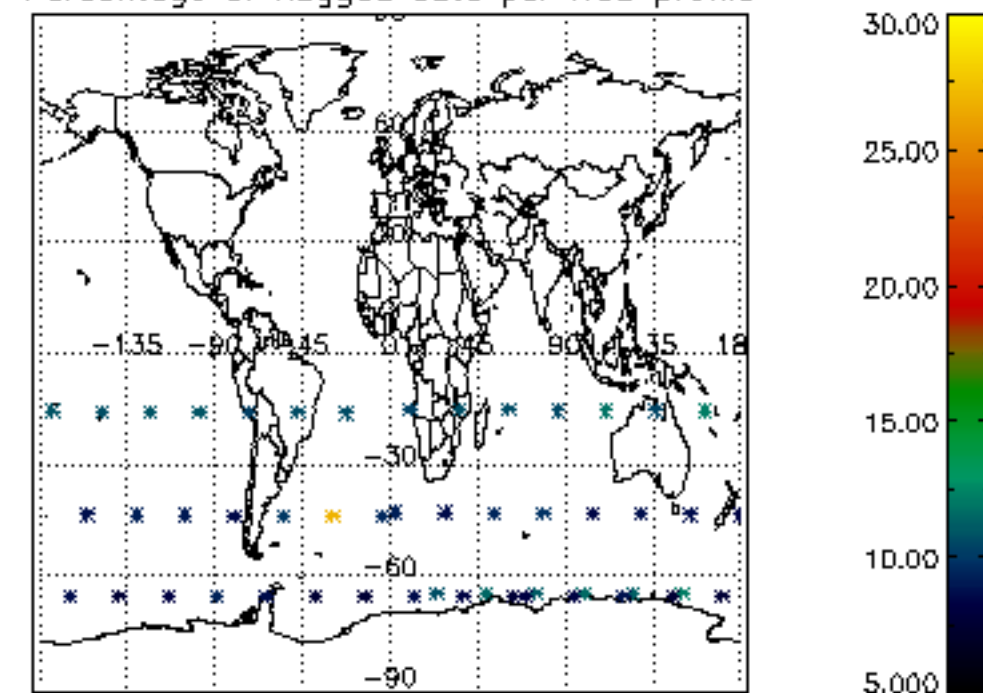
Percentage of flagged data per H2O profile

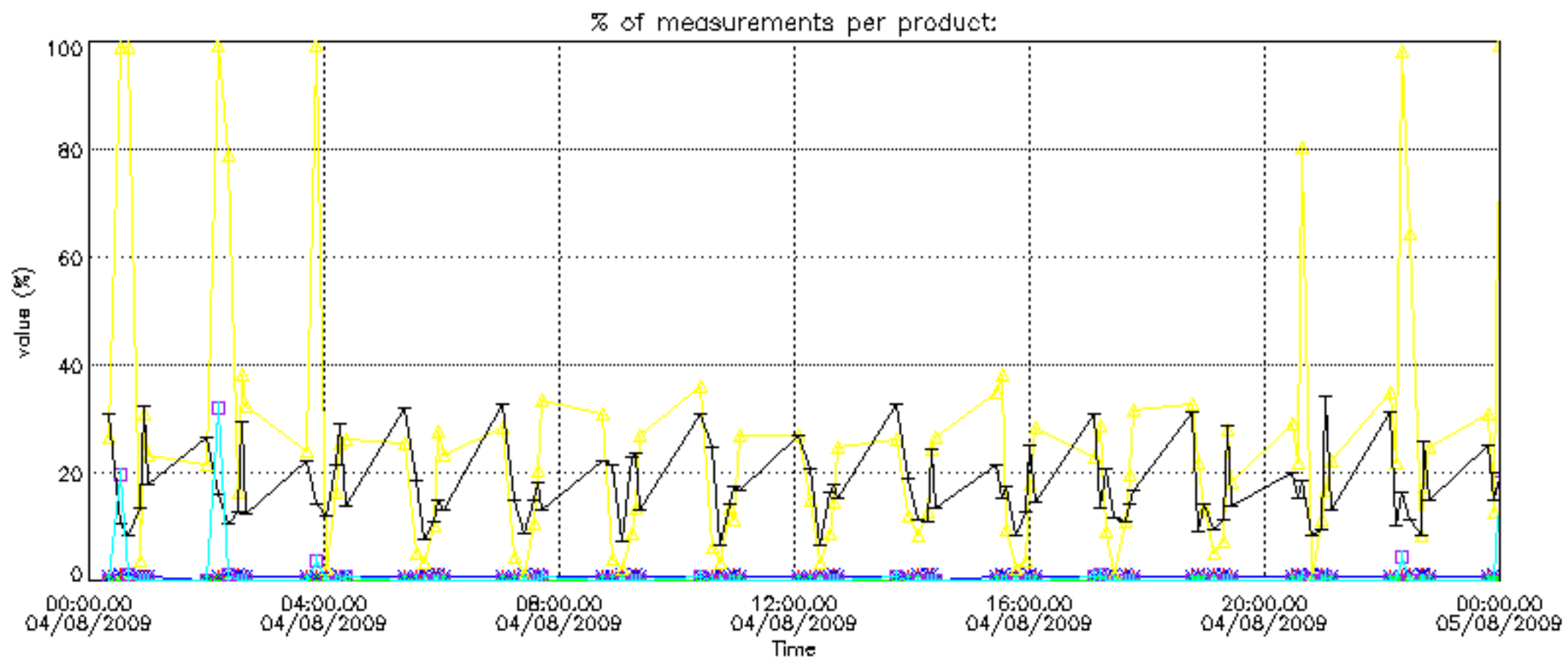


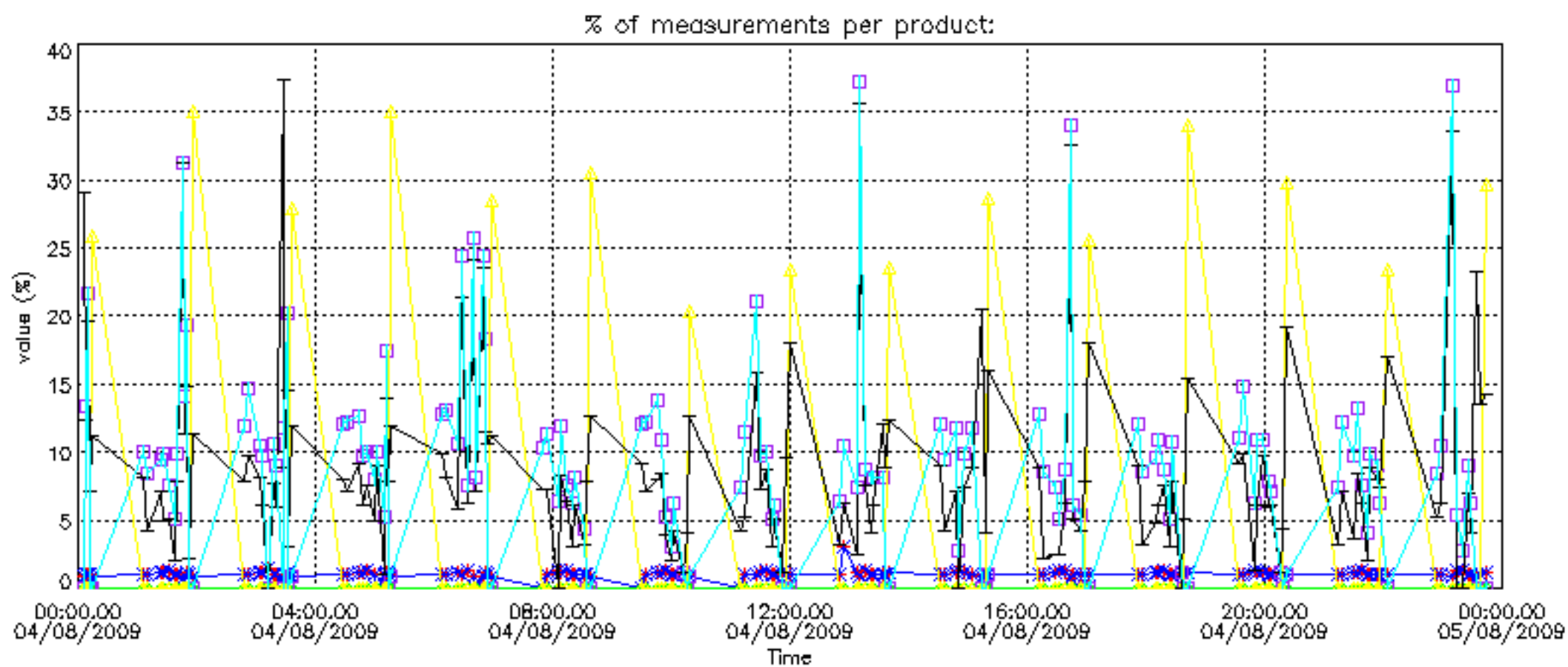
Percentage of flagged data per NO2 profile



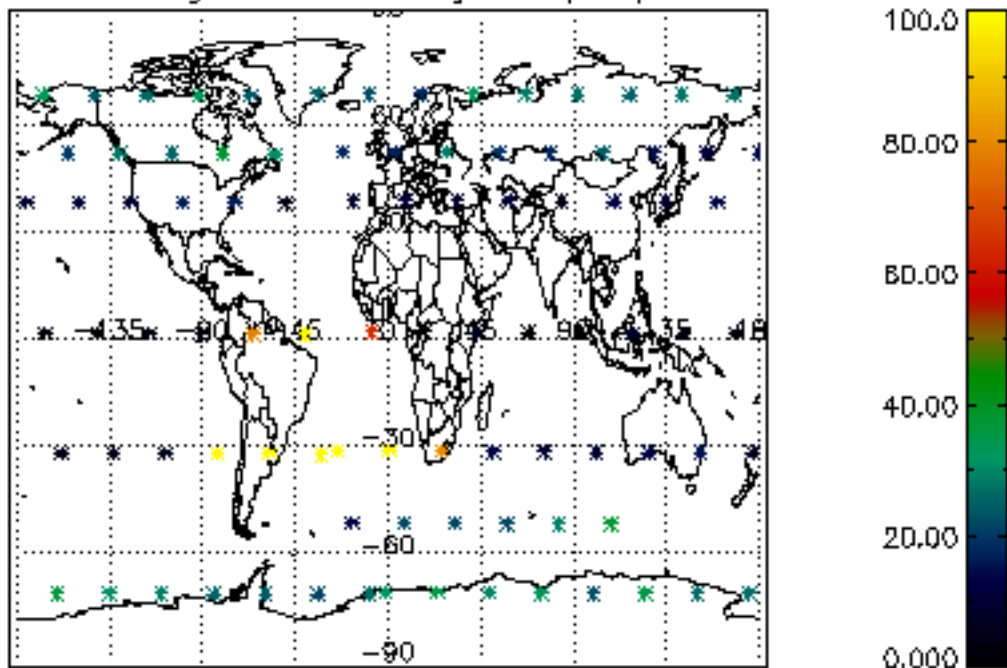
Percentage of flagged data per NO3 profile



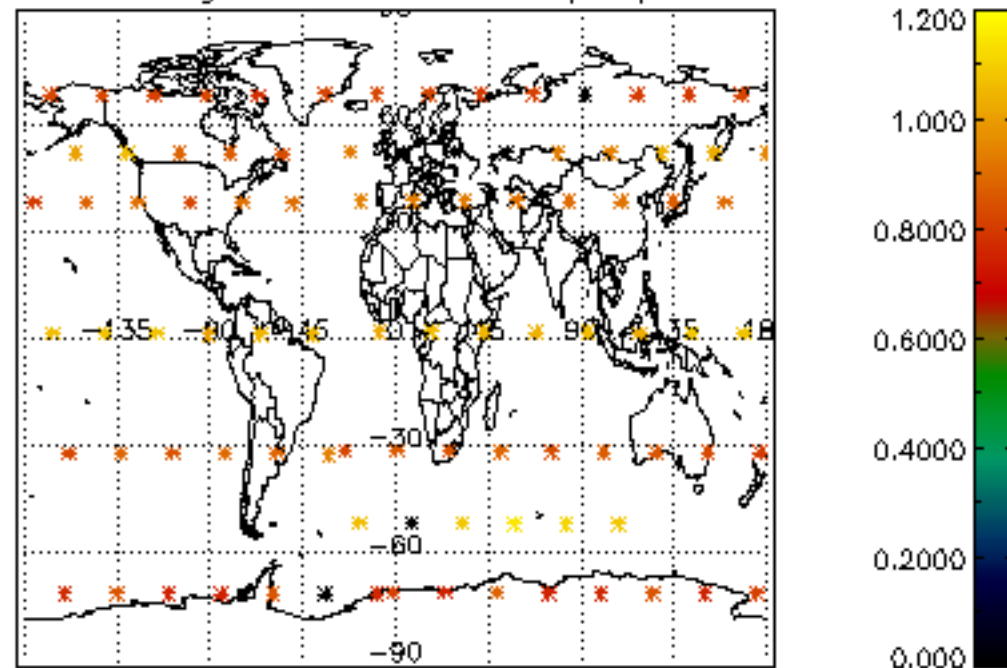




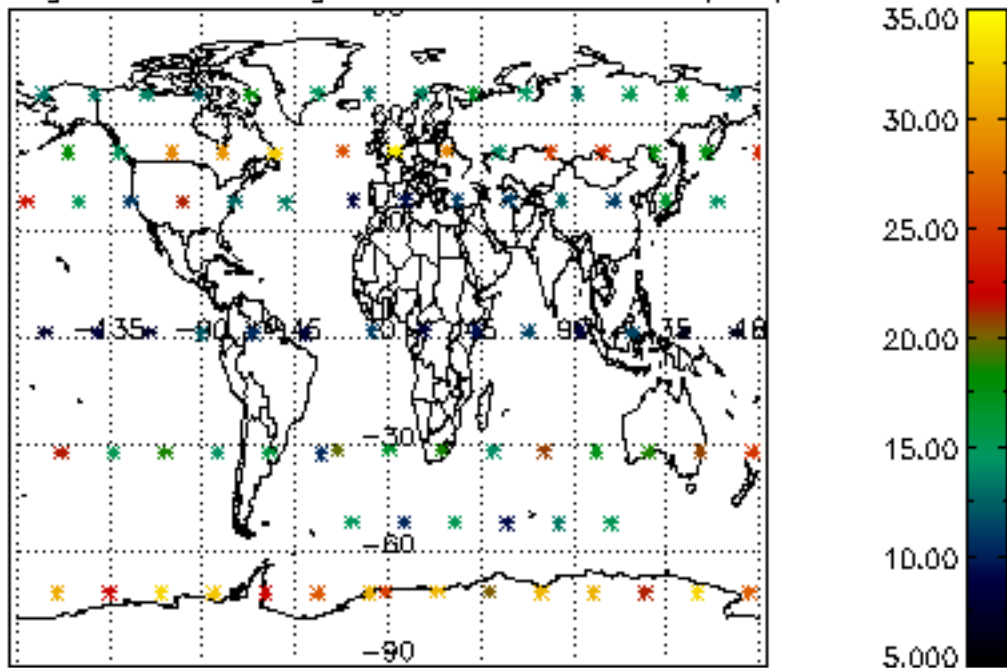
Percentage of cosmic ray hits per profile



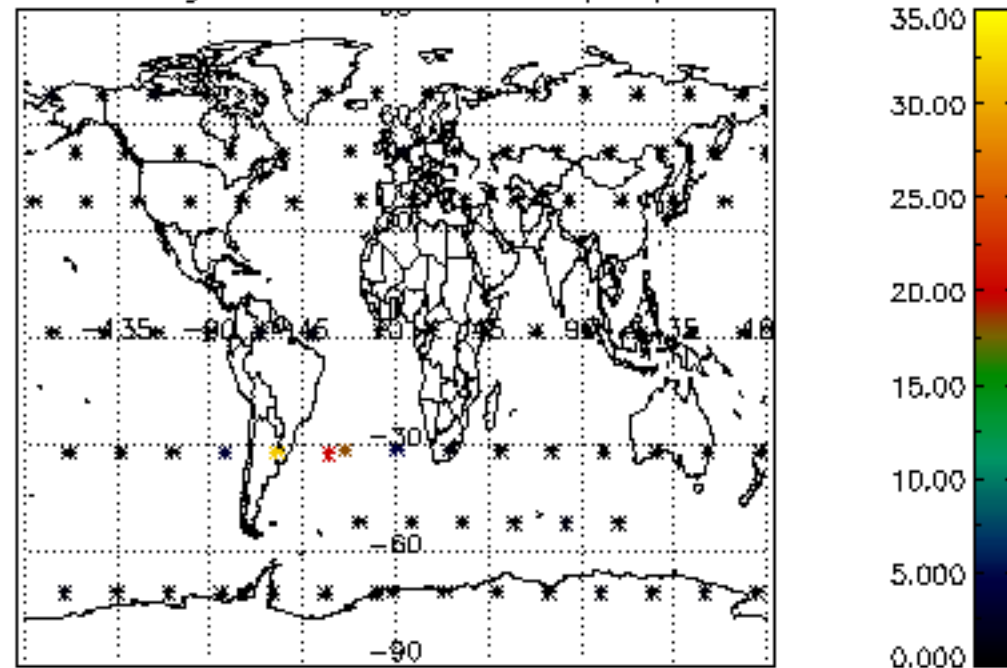
Percentage of datation errors per profile



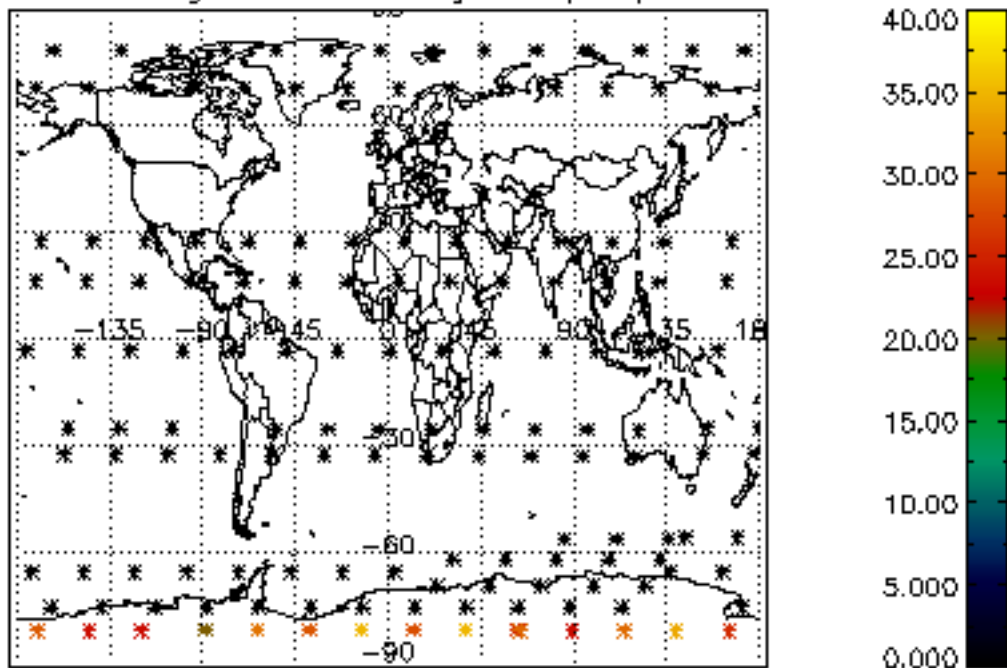
Percentage of star falling outside central band per profile



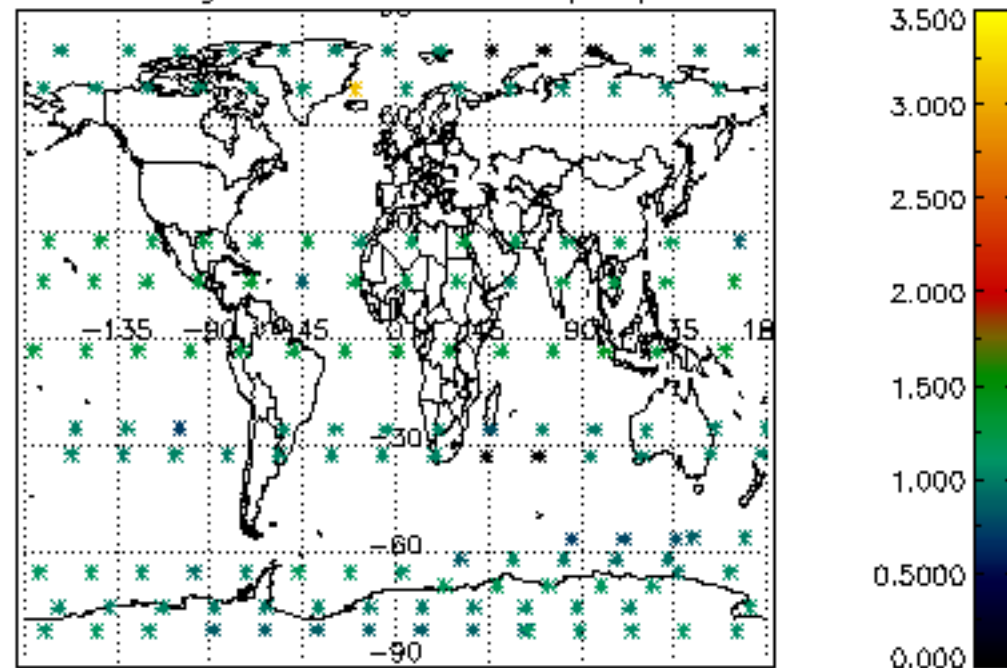
Percentage of saturation errors per profile



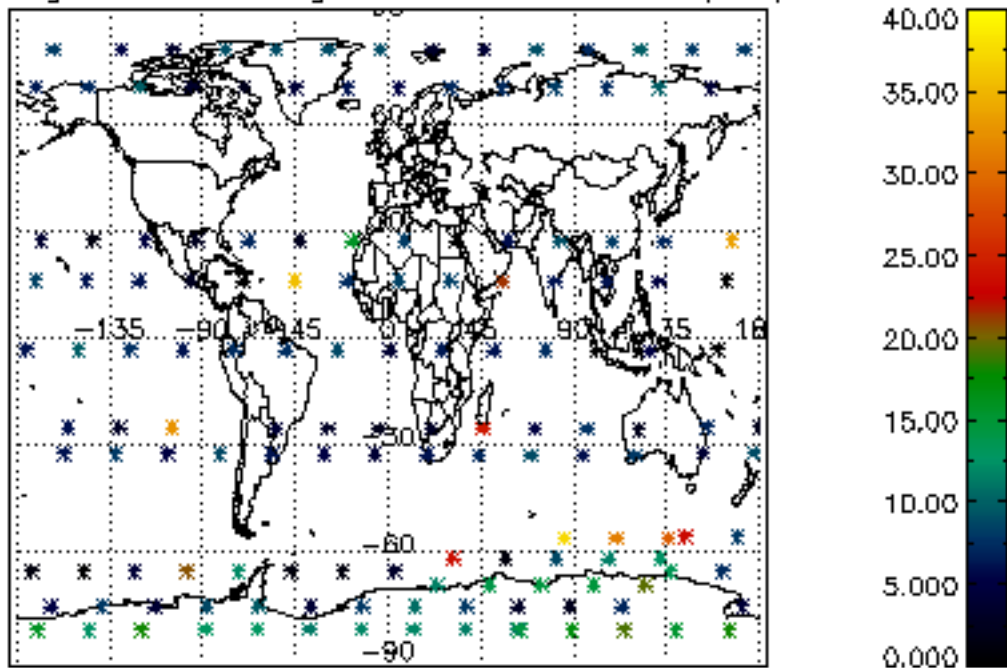
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

