

# 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	25APR2013 23:12:47
Data source version	GOMOS/6.01
Start time of products	05-12-2008 (05DEC2008 00:00:00)
Stop time of products	06-12-2008 (06DEC2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	224
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__2PRFIN20081205_000854_000000452074_00245_35369_7037.N1	05-DEC-2008 00:08:54	Bright	44.500	36	50Alp UMa	1.8000	6300.0	89	35369	No
2	GOM_NL__2PRFIN20081205_001028_000000472074_00245_35369_7038.N1	05-DEC-2008 00:10:28	Bright	47.000	82	48Bet UMa	2.3650	10600.	94	35369	No
3	GOM_NL__2PRFIN20081205_001223_000000392074_00245_35369_7039.N1	05-DEC-2008 00:12:23	Bright	38.500	32	77Eps UMa	1.7630	11000.	77	35369	No
4	GOM_NL__2PRFIN20081205_001505_000000562074_00245_35369_7040.N1	05-DEC-2008 00:15:05	Bright	56.000	174	52Psi UMa	3.0040	4400.0	112	35369	No
5	GOM_NL__2PRFIN20081205_001806_000000402074_00245_35369_7041.N1	05-DEC-2008 00:18:06	Bright	40.000	152	12Alp2CVn	2.8900	11000.	80	35369	No
6	GOM_NL__2PRFIN20081205_002825_000000632074_00245_35369_7042.N1	05-DEC-2008 00:28:25	Bright	63.000	62	94Bet Leo	2.1360	9700.0	126	35369	No
7	GOM_NL__2PRFIN20081205_003134_000000502074_00245_35369_7043.N1	05-DEC-2008 00:31:34	Bright	50.000	121	29Gam Vir	2.7400	7200.0	100	35369	No
8	GOM_NL__2PRFIN20081205_003728_000000502074_00245_35369_7044.N1	05-DEC-2008 00:37:28	Dark	50.000	100	4Gam Crv	2.5800	13100.	100	35369	No
9	GOM_NL__2PRFIN20081205_004828_000000442074_00246_35370_7038.N1	05-DEC-2008 00:48:28	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	35370	No
10	GOM_NL__2PRFIN20081205_005709_000000472074_00246_35370_7039.N1	05-DEC-2008 00:57:09	Dark	47.000	34	Gam2Vel	1.7930	23000.	94	35370	No
11	GOM_NL__2PRFIN20081205_005903_000000552074_00246_35370_7040.N1	05-DEC-2008 00:59:03	Dark	54.500	70	Zet Pup	2.2460	39000.	109	35370	No
12	GOM_NL__2PRFIN20081205_010219_000000582074_00246_35370_7041.N1	05-DEC-2008 01:02:19	Dark	57.500	117	Pi Pup	2.7060	3800.0	115	35370	No
13	GOM_NL__2PRFIN20081205_010557_000000602074_00246_35370_7042.N1	05-DEC-2008 01:05:57	Dark	59.500	23	21Eps CMa	1.5020	26000.	119	35370	No
14	GOM_NL__2PRFIN20081205_010800_000000412074_00246_35370_7043.N1	05-DEC-2008 01:08:00	Straylight	41.000	179	24Omi2CMa	3.0320	24000.	82	35370	No
15	GOM_NL__2PRFIN20081205_011125_000000632074_00246_35370_7044.N1	05-DEC-2008 01:11:25	Straylight	63.000	47	2Bet CMa	1.9760	28000.	126	35370	No
16	GOM_NL__2PRFIN20081205_011520_000000552074_00246_35370_7045.N1	05-DEC-2008 01:15:20	Straylight	54.500	7	19Bet Ori	0.10000	14000.	109	35370	No
17	GOM_NL__2PRFIN20081205_011804_000000582074_00246_35370_7046.N1	05-DEC-2008 01:18:04	Straylight	58.000	30	46Eps Ori	1.6940	30000.	116	35370	No
18	GOM_NL__2PRFIN20081205_012202_000000292074_00246_35370_7047.N1	05-DEC-2008 01:22:02	Tw_i_and_stray	29.000	14	58Alp Ori	0.87000	3000.0	58	35370	No
19	GOM_NL__2PRFIN20081205_012305_000000562074_00246_35370_7048.N1	05-DEC-2008 01:23:05	Bright	55.500	13	87Alp Tau	0.86700	3800.0	111	35370	No
20	GOM_NL__2PRFIN20081205_012624_000000502074_00246_35370_7049.N1	05-DEC-2008 01:26:24	Bright	49.500	176	23Zet Tau	3.0200	22000.	99	35370	No
21	GOM_NL__2PRFIN20081205_012842_000000452074_00246_35370_7050.N1	05-DEC-2008 01:28:42	Bright	44.500	114	3lot Aur	2.6930	4600.0	89	35370	No
22	GOM_NL__2PRFIN20081205_013302_000000482074_00246_35370_7051.N1	05-DEC-2008 01:33:02	Bright	47.500	6	13Alp Aur	0.080000	3400.0	95	35370	No
23	GOM_NL__2PRFIN20081205_013434_000000482074_00246_35370_7052.N1	05-DEC-2008 01:34:34	Bright	48.000	42	34Bet Aur	1.9000	10200.	96	35370	No
24	GOM_NL__2PRFIN20081205_014929_000000462074_00246_35370_7053.N1	05-DEC-2008 01:49:29	Bright	46.000	36	50Alp UMa	1.8000	6300.0	92	35370	No
25	GOM_NL__2PRFIN20081205_015104_000000472074_00246_35370_7054.N1	05-DEC-2008 01:51:04	Bright	47.000	82	48Bet UMa	2.3650	10600.	94	35370	No
26	GOM_NL__2PRFIN20081205_015259_000000422074_00246_35370_7055.N1	05-DEC-2008 01:52:59	Bright	41.500	32	77Eps UMa	1.7630	11000.	83	35370	No
27	GOM_NL__2PRFIN20081205_015541_000000582074_00246_35370_7056.N1	05-DEC-2008 01:55:41	Bright	57.500	174	52Psi UMa	3.0040	4400.0	115	35370	No
28	GOM_NL__2PRFIN20081205_015842_000000422074_00246_35370_7057.N1	05-DEC-2008 01:58:42	Bright	41.500	152	12Alp2CVn	2.8900	11000.	83	35370	No
29	GOM_NL__2PRFIN20081205_020902_000000642074_00246_35370_7058.N1	05-DEC-2008 02:09:02	Bright	63.500	62	94Bet Leo	2.1360	9700.0	127	35370	No
30	GOM_NL__2PRFIN20081205_021210_000000512074_00246_35370_7059.N1	05-DEC-2008 02:12:10	Bright	50.500	121	29Gam Vir	2.7400	7200.0	101	35370	No
31	GOM_NL__2PRFIN20081205_021804_000000502074_00246_35370_7060.N1	05-DEC-2008 02:18:04	Dark	50.000	100	4Gam Crv	2.5800	13100.	100	35370	No
32	GOM_NL__2PRFIN20081205_021941_000000522074_00246_35370_7061.N1	05-DEC-2008 02:19:41	Dark	51.500	171	2Eps Crv	3.0010	4250.0	103	35370	No
33	GOM_NL__2PRFIN20081205_022905_000000432074_00247_35371_7073.N1	05-DEC-2008 02:29:05	Dark	43.000	113	Mu Vel	2.6920	5000.0	86	35371	No
34	GOM_NL__2PRFIN20081205_023746_000000522074_00247_35371_7074.N1	05-DEC-2008 02:37:46	Dark	51.500	34	Gam2Vel	1.7930	23000.	103	35371	No
35	GOM_NL__2PRFIN20081205_023940_000000542074_00247_35371_7075.N1	05-DEC-2008 02:39:40	Dark	53.500	70	Zet Pup	2.2460	39000.	107	35371	No
36	GOM_NL__2PRFIN20081205_024255_000000582074_00247_35371_7076.N1	05-DEC-2008 02:42:55	Dark	57.500	117	Pi Pup	2.7060	3800.0	115	35371	No
37	GOM_NL__2PRFIN20081205_024634_000000612074_00247_35371_7077.N1	05-DEC-2008 02:46:34	Dark	60.500	23	21Eps CMa	1.5020	26000.	121	35371	No
38	GOM_NL__2PRFIN20081205_024836_000000412074_00247_35371_7078.N1	05-DEC-2008 02:48:36	Straylight	41.000	179	24Omi2CMa	3.0320	24000.	82	35371	No
39	GOM_NL__2PRFIN20081205_025202_000000632074_00247_35371_7079.N1	05-DEC-2008 02:52:02	Straylight	63.000	47	2Bet CMa	1.9760	28000.	126	35371	No
40	GOM_NL__2PRFIN20081205_025556_000000522074_00247_35371_7080.N1	05-DEC-2008 02:55:56	Straylight	52.000	7	19Bet Ori	0.10000	14000.	104	35371	No
41	GOM_NL__2PRFIN20081205_025840_000000552074_00247_35371_7081.N1	05-DEC-2008 02:58:40	Straylight	55.000	30	46Eps Ori	1.6940	30000.	110	35371	No
42	GOM_NL__2PRFIN20081205_030238_000000292074_00247_35371_7082.N1	05-DEC-2008 03:02:38	Tw_i_and_stray	29.000	14	58Alp Ori	0.87000	3000.0	58	35371	No

43	GOM_NL__2PRFIN20081205_030341_000000592074_00247_35371_7083.N1	05-DEC-2008 03:03:41	Bright	59.000	13	87Alp Tau	0.86700	3800.0	118	35371	No
44	GOM_NL__2PRFIN20081205_030659_000000502074_00247_35371_7084.N1	05-DEC-2008 03:06:59	Bright	50.000	176	23Zet Tau	3.0200	22000.	100	35371	No
45	GOM_NL__2PRFIN20081205_030918_000000452074_00247_35371_7085.N1	05-DEC-2008 03:09:18	Bright	44.500	114	31ot Aur	2.6930	4600.0	89	35371	No
46	GOM_NL__2PRFIN20081205_031337_000000452074_00247_35371_7086.N1	05-DEC-2008 03:13:37	Bright	45.000	6	13Alp Aur	0.080000	3400.0	90	35371	No
47	GOM_NL__2PRFIN20081205_031509_000000472074_00247_35371_7087.N1	05-DEC-2008 03:15:09	Bright	47.000	42	34Bet Aur	1.9000	10200.	94	35371	No
48	GOM_NL__2PRFIN20081205_033005_000000462074_00247_35371_7088.N1	05-DEC-2008 03:30:05	Bright	45.500	36	50Alp UMa	1.8000	6300.0	91	35371	No
49	GOM_NL__2PRFIN20081205_033139_000000492074_00247_35371_7089.N1	05-DEC-2008 03:31:39	Bright	49.000	82	48Bet UMa	2.3650	10600.	98	35371	No
50	GOM_NL__2PRFIN20081205_033335_000000402074_00247_35371_7090.N1	05-DEC-2008 03:33:35	Bright	39.500	32	77Eps UMa	1.7630	11000.	79	35371	No
51	GOM_NL__2PRFIN20081205_033617_000000552074_00247_35371_7091.N1	05-DEC-2008 03:36:17	Bright	54.500	174	52Psi UMa	3.0040	4400.0	109	35371	No
52	GOM_NL__2PRFIN20081205_033918_000000412074_00247_35371_7092.N1	05-DEC-2008 03:39:18	Bright	41.000	152	12Alp2CVn	2.8900	11000.	82	35371	No
53	GOM_NL__2PRFIN20081205_034939_000000642074_00247_35371_7093.N1	05-DEC-2008 03:49:39	Bright	64.000	62	94Bet Leo	2.1360	9700.0	128	35371	No
54	GOM_NL__2PRFIN20081205_035247_000000492074_00247_35371_7094.N1	05-DEC-2008 03:52:47	Bright	49.000	121	29Gam Vir	2.7400	7200.0	98	35371	No
55	GOM_NL__2PRFIN20081205_035841_000000492074_00247_35371_7095.N1	05-DEC-2008 03:58:41	Dark	48.500	100	4Gam Crv	2.5800	13100.	97	35371	No
56	GOM_NL__2PRFIN20081205_040018_000000472074_00247_35371_7096.N1	05-DEC-2008 04:00:18	Dark	47.000	171	2Eps Crv	3.0010	4250.0	94	35371	No
57	GOM_NL__2PRFIN20081205_040942_000000422074_00248_35372_7087.N1	05-DEC-2008 04:09:42	Dark	42.000	113	Mu Vel	2.6920	5000.0	84	35372	No
58	GOM_NL__2PRFIN20081205_041822_000000472074_00248_35372_7088.N1	05-DEC-2008 04:18:22	Dark	47.000	34	Gam2Vel	1.7930	23000.	94	35372	No
59	GOM_NL__2PRFIN20081205_042017_000000522074_00248_35372_7089.N1	05-DEC-2008 04:20:17	Dark	51.500	70	Zet Pup	2.2460	39000.	103	35372	No
60	GOM_NL__2PRFIN20081205_042332_000000612074_00248_35372_7090.N1	05-DEC-2008 04:23:32	Dark	60.500	117	Pi Pup	2.7060	3800.0	121	35372	No
61	GOM_NL__2PRFIN20081205_042711_000000632074_00248_35372_7091.N1	05-DEC-2008 04:27:11	Dark	63.000	23	21Eps CMa	1.5020	26000.	126	35372	No
62	GOM_NL__2PRFIN20081205_042913_000000442074_00248_35372_7092.N1	05-DEC-2008 04:29:13	Straylight	44.000	179	24Omi2CMa	3.0320	24000.	88	35372	No
63	GOM_NL__2PRFIN20081205_043238_000000592074_00248_35372_7093.N1	05-DEC-2008 04:32:38	Straylight	58.500	47	2Bet CMa	1.9760	28000.	117	35372	No
64	GOM_NL__2PRFIN20081205_043632_000000562074_00248_35372_7094.N1	05-DEC-2008 04:36:32	Straylight	56.000	7	19Bet Ori	0.10000	14000.	112	35372	No
65	GOM_NL__2PRFIN20081205_043916_000000552074_00248_35372_7095.N1	05-DEC-2008 04:39:16	Straylight	55.000	30	46Eps Ori	1.6940	30000.	110	35372	No
66	GOM_NL__2PRFIN20081205_044151_000000552074_00248_35372_7096.N1	05-DEC-2008 04:41:51	Tw_i_and_stray	54.500	27	24Gam Ori	1.6360	26000.	109	35372	No
67	GOM_NL__2PRFIN20081205_044416_000000552074_00248_35372_7097.N1	05-DEC-2008 04:44:16	Bright	54.500	13	87Alp Tau	0.86700	3800.0	109	35372	No
68	GOM_NL__2PRFIN20081205_044734_000000502074_00248_35372_7098.N1	05-DEC-2008 04:47:34	Bright	50.000	176	23Zet Tau	3.0200	22000.	100	35372	No
69	GOM_NL__2PRFIN20081205_044954_000000452074_00248_35372_7099.N1	05-DEC-2008 04:49:54	Bright	44.500	114	31ot Aur	2.6930	4600.0	89	35372	No
70	GOM_NL__2PRFIN20081205_045413_000000472074_00248_35372_7100.N1	05-DEC-2008 04:54:13	Bright	47.000	6	13Alp Aur	0.080000	3400.0	94	35372	No
71	GOM_NL__2PRFIN20081205_045544_000000532074_00248_35372_7101.N1	05-DEC-2008 04:55:44	Bright	53.000	42	34Bet Aur	1.9000	10200.	106	35372	No
72	GOM_NL__2PRFIN20081205_051041_000000472074_00248_35372_7102.N1	05-DEC-2008 05:10:41	Bright	47.000	36	50Alp UMa	1.8000	6300.0	94	35372	No
73	GOM_NL__2PRFIN20081205_051215_000000482074_00248_35372_7103.N1	05-DEC-2008 05:12:15	Bright	47.500	82	48Bet UMa	2.3650	10600.	95	35372	No
74	GOM_NL__2PRFIN20081205_051411_000000402074_00248_35372_7104.N1	05-DEC-2008 05:14:11	Bright	39.500	32	77Eps UMa	1.7630	11000.	79	35372	No
75	GOM_NL__2PRFIN20081205_051652_000000532074_00248_35372_7105.N1	05-DEC-2008 05:16:52	Bright	53.000	174	52Psi UMa	3.0040	4400.0	106	35372	No
76	GOM_NL__2PRFIN20081205_051954_000000402074_00248_35372_7106.N1	05-DEC-2008 05:19:54	Bright	39.500	152	12Alp2CVn	2.8900	11000.	79	35372	No
77	GOM_NL__2PRFIN20081205_053015_000000652074_00248_35372_7107.N1	05-DEC-2008 05:30:15	Bright	64.500	62	94Bet Leo	2.1360	9700.0	129	35372	No
78	GOM_NL__2PRFIN20081205_053324_000000512074_00248_35372_7108.N1	05-DEC-2008 05:33:24	Bright	51.000	121	29Gam Vir	2.7400	7200.0	102	35372	No
79	GOM_NL__2PRFIN20081205_053918_000000492074_00248_35372_7109.N1	05-DEC-2008 05:39:18	Dark	49.000	100	4Gam Crv	2.5800	13100.	98	35372	No
80	GOM_NL__2PRFIN20081205_054055_000000522074_00248_35372_7110.N1	05-DEC-2008 05:40:55	Dark	51.500	171	2Eps Crv	3.0010	4250.0	103	35372	No
81	GOM_NL__2PRFIN20081205_055018_000000442074_00249_35373_7101.N1	05-DEC-2008 05:50:18	Dark	43.500	113	Mu Vel	2.6920	5000.0	87	35373	No
82	GOM_NL__2PRFIN20081205_055859_000000482074_00249_35373_7102.N1	05-DEC-2008 05:58:59	Dark	47.500	34	Gam2Vel	1.7930	23000.	95	35373	No
83	GOM_NL__2PRFIN20081205_060054_000000532074_00249_35373_7103.N1	05-DEC-2008 06:00:54	Dark	52.500	70	Zet Pup	2.2460	39000.	105	35373	No
84	GOM_NL__2PRFIN20081205_060409_000000572074_00249_35373_7104.N1	05-DEC-2008 06:04:09	Dark	57.000	117	Pi Pup	2.7060	3800.0	114	35373	No
85	GOM_NL__2PRFIN20081205_060747_000000632074_00249_35373_7105.N1	05-DEC-2008 06:07:47	Dark	63.000	23	21Eps CMa	1.5020	26000.	126	35373	No
86	GOM_NL__2PRFIN20081205_060950_000000442074_00249_35373_7106.N1	05-DEC-2008 06:09:50	Straylight	44.000	179	24Omi2CMa	3.0320	24000.	88	35373	No
87	GOM_NL__2PRFIN20081205_061314_000000632074_00249_35373_7107.N1	05-DEC-2008 06:13:14	Straylight	62.500	47	2Bet CMa	1.9760	28000.	125	35373	No
88	GOM_NL__2PRFIN20081205_061708_000000532074_00249_35373_7108.N1	05-DEC-2008 06:17:08	Straylight	52.500	7	19Bet Ori	0.10000	14000.	105	35373	No
89	GOM_NL__2PRFIN20081205_061951_000000562074_00249_35373_7109.N1	05-DEC-2008 06:19:51	Straylight	56.000	30	46Eps Ori	1.6940	30000.	112	35373	No
90	GOM_NL__2PRFIN20081205_062226_000000562074_00249_35373_7110.N1	05-DEC-2008 06:22:26	Tw_i_and_stray	56.000	27	24Gam Ori	1.6360	26000.	112	35373	No
91	GOM_NL__2PRFIN20081205_062452_000000592074_00249_35373_7111.N1	05-DEC-2008 06:24:52	Bright	59.000	13	87Alp Tau	0.86700	3800.0	118	35373	No
92	GOM_NL__2PRFIN20081205_062809_000000502074_00249_35373_7112.N1	05-DEC-2008 06:28:09	Bright	50.000	176	23Zet Tau	3.0200	22000.	100	35373	No
93	GOM_NL__2PRFIN20081205_063029_000000432074_00249_35373_7113.N1	05-DEC-2008 06:30:29	Bright	42.500	114	31ot Aur	2.6930	4600.0	85	35373	No
94	GOM_NL__2PRFIN20081205_063448_000000442074_00249_35373_7114.N1	05-DEC-2008 06:34:48	Bright	44.000	6	13Alp Aur	0.080000	3400.0	88	35373	No
95	GOM_NL__2PRFIN20081205_063619_000000482074_00249_35373_7115.N1	05-DEC-2008 06:36:19	Bright	48.000	42	34Bet Aur	1.9000	10200.	96	35373	No
96	GOM_NL__2PRFIN20081205_065116_000000452074_00249_35373_7116.N1	05-DEC-2008 06:51:16	Bright	45.000	36	50Alp UMa	1.8000	6300.0	90	35373	No
97	GOM_NL__2PRFIN20081205_065250_000000472074_00249_35373_7117.N1	05-DEC-2008 06:52:50	Bright	46.500	82	48Bet UMa	2.3650	10600.	93	35373	No
98	GOM_NL__2PRFIN20081205_065447_000000412074_00249_35373_7118.N1	05-DEC-2008 06:54:47	Bright	41.000	32	77Eps UMa	1.7630	11000.	82	35373	No
99	GOM_NL__2PRFIN20081205_065728_000000552074_00249_35373_7119.N1	05-DEC-2008 06:57:28	Bright	55.000	174	52Psi UMa	3.0040	4400.0	110	35373	No
100	GOM_NL__2PRFIN20081205_070030_000000412074_00249_35373_7120.N1	05-DEC-2008 07:00:30	Bright	41.000	152	12Alp2CVn	2.8900	11000.	82	35373	No
101	GOM_NL__2PRFIN20081205_071052_000000672074_00249_35373_7121.N1	05-DEC-2008 07:10:52	Bright	66.500	62	94Bet Leo	2.1360	9700.0	133	35373	No

102	GOM_NL__2PRFIN20081205_071400_000000492074_00249_35373_7122.N1	05-DEC-2008 07:14:00	Bright	49.000	121	29Gam Vir	2.7400	7200.0	98	35373	No
103	GOM_NL__2PRFIN20081205_071955_000000482074_00249_35373_7123.N1	05-DEC-2008 07:19:55	Dark	47.500	100	4Gam Crv	2.5800	13100.	95	35373	No
104	GOM_NL__2PRFIN20081205_072132_000000462074_00249_35373_7124.N1	05-DEC-2008 07:21:32	Dark	46.000	171	2Eps Crv	3.0010	4250.0	92	35373	No
105	GOM_NL__2PRFIN20081205_073055_000000442074_00250_35374_7120.N1	05-DEC-2008 07:30:55	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	35374	No
106	GOM_NL__2PRFIN20081205_073936_000000482074_00250_35374_7121.N1	05-DEC-2008 07:39:36	Dark	48.000	34	Gam2Vel	1.7930	23000.	96	35374	No
107	GOM_NL__2PRFIN20081205_074131_000000562074_00250_35374_7122.N1	05-DEC-2008 07:41:31	Dark	56.000	70	Zet Pup	2.2460	39000.	112	35374	No
108	GOM_NL__2PRFIN20081205_074446_000000572074_00250_35374_7123.N1	05-DEC-2008 07:44:46	Dark	56.500	117	Pi Pup	2.7060	3800.0	113	35374	No
109	GOM_NL__2PRFIN20081205_074824_000000622074_00250_35374_7124.N1	05-DEC-2008 07:48:24	Dark	62.000	23	21Eps CMa	1.5020	26000.	124	35374	No
110	GOM_NL__2PRFIN20081205_075026_000000482074_00250_35374_7125.N1	05-DEC-2008 07:50:26	Straylight	48.000	179	24Omi2CMa	3.0320	24000.	96	35374	No
111	GOM_NL__2PRFIN20081205_075350_000000632074_00250_35374_7126.N1	05-DEC-2008 07:53:50	Straylight	62.500	47	2Bet CMa	1.9760	28000.	125	35374	No
112	GOM_NL__2PRFIN20081205_075744_000000552074_00250_35374_7127.N1	05-DEC-2008 07:57:44	Straylight	55.000	7	19Bet Ori	0.10000	14000.	110	35374	No
113	GOM_NL__2PRFIN20081205_080027_000000572074_00250_35374_7128.N1	05-DEC-2008 08:00:27	Straylight	57.000	30	46Eps Ori	1.6940	30000.	114	35374	No
114	GOM_NL__2PRFIN20081205_080302_000000532074_00250_35374_7129.N1	05-DEC-2008 08:03:02	Tw_i_and_stray	52.500	27	24Gam Ori	1.6360	26000.	105	35374	No
115	GOM_NL__2PRFIN20081205_080528_000000592074_00250_35374_7130.N1	05-DEC-2008 08:05:28	Bright	59.000	13	87Alp Tau	0.86700	3800.0	118	35374	No
116	GOM_NL__2PRFIN20081205_080845_000000502074_00250_35374_7131.N1	05-DEC-2008 08:08:45	Bright	50.000	176	23Zet Tau	3.0200	22000.	100	35374	No
117	GOM_NL__2PRFIN20081205_081105_000000452074_00250_35374_7132.N1	05-DEC-2008 08:11:05	Bright	45.000	114	3lot Aur	2.6930	4600.0	90	35374	No
118	GOM_NL__2PRFIN20081205_081523_000000472074_00250_35374_7133.N1	05-DEC-2008 08:15:23	Bright	47.000	6	13Alp Aur	0.080000	3400.0	94	35374	No
119	GOM_NL__2PRFIN20081205_081654_000000472074_00250_35374_7134.N1	05-DEC-2008 08:16:54	Bright	46.500	42	34Bet Aur	1.9000	10200.	93	35374	No
120	GOM_NL__2PRFIN20081205_083152_000000462074_00250_35374_7135.N1	05-DEC-2008 08:31:52	Bright	45.500	36	50Alp UMa	1.8000	6300.0	91	35374	No
121	GOM_NL__2PRFIN20081205_083326_000000482074_00250_35374_7136.N1	05-DEC-2008 08:33:26	Bright	48.000	82	48Bet UMa	2.3650	10600.	96	35374	No
122	GOM_NL__2PRFIN20081205_083523_000000412074_00250_35374_7137.N1	05-DEC-2008 08:35:23	Bright	40.500	32	77Eps UMa	1.7630	11000.	81	35374	No
123	GOM_NL__2PRFIN20081205_083804_000000562074_00250_35374_7138.N1	05-DEC-2008 08:38:04	Bright	55.500	174	52Psi UMa	3.0040	4400.0	111	35374	No
124	GOM_NL__2PRFIN20081205_084106_000000412074_00250_35374_7139.N1	05-DEC-2008 08:41:06	Bright	41.000	152	12Alp2CVn	2.8900	11000.	82	35374	No
125	GOM_NL__2PRFIN20081205_085129_000000682074_00250_35374_7140.N1	05-DEC-2008 08:51:29	Bright	67.500	62	94Bet Leo	2.1360	9700.0	135	35374	No
126	GOM_NL__2PRFIN20081205_085437_000000512074_00250_35374_7141.N1	05-DEC-2008 08:54:37	Bright	50.500	121	29Gam Vir	2.7400	7200.0	101	35374	No
127	GOM_NL__2PRFIN20081205_090032_000000522074_00250_35374_7142.N1	05-DEC-2008 09:00:32	Dark	52.000	100	4Gam Crv	2.5800	13100.	104	35374	No
128	GOM_NL__2PRFIN20081205_090209_000000522074_00250_35374_7143.N1	05-DEC-2008 09:02:09	Dark	51.500	171	2Eps Crv	3.0010	4250.0	103	35374	No
129	GOM_NL__2PRFIN20081205_091132_000000432074_00251_35375_7131.N1	05-DEC-2008 09:11:32	Dark	42.500	113	Mu Vel	2.6920	5000.0	85	35375	No
130	GOM_NL__2PRFIN20081205_092013_000000522074_00251_35375_7132.N1	05-DEC-2008 09:20:13	Dark	51.500	34	Gam2Vel	1.7930	23000.	103	35375	No
131	GOM_NL__2PRFIN20081205_092208_000000542074_00251_35375_7133.N1	05-DEC-2008 09:22:08	Dark	54.000	70	Zet Pup	2.2460	39000.	108	35375	No
132	GOM_NL__2PRFIN20081205_092522_000000532074_00251_35375_7134.N1	05-DEC-2008 09:25:22	Dark	53.000	117	Pi Pup	2.7060	3800.0	106	35375	No
133	GOM_NL__2PRFIN20081205_092900_000000622074_00251_35375_7135.N1	05-DEC-2008 09:29:00	Dark	61.500	23	21Eps CMa	1.5020	26000.	123	35375	No
134	GOM_NL__2PRFIN20081205_093102_000000482074_00251_35375_7136.N1	05-DEC-2008 09:31:02	Straylight	48.000	179	24Omi2CMa	3.0320	24000.	96	35375	No
135	GOM_NL__2PRFIN20081205_093426_000000582074_00251_35375_7137.N1	05-DEC-2008 09:34:26	Straylight	58.000	47	2Bet CMa	1.9760	28000.	116	35375	No
136	GOM_NL__2PRFIN20081205_093820_000000542074_00251_35375_7138.N1	05-DEC-2008 09:38:20	Straylight	54.000	7	19Bet Ori	0.10000	14000.	108	35375	No
137	GOM_NL__2PRFIN20081205_094103_000000562074_00251_35375_7139.N1	05-DEC-2008 09:41:03	Straylight	56.000	30	46Eps Ori	1.6940	30000.	112	35375	No
138	GOM_NL__2PRFIN20081205_094337_000000572074_00251_35375_7140.N1	05-DEC-2008 09:43:37	Tw_i_and_stray	57.000	27	24Gam Ori	1.6360	26000.	114	35375	No
139	GOM_NL__2PRFIN20081205_094603_000000592074_00251_35375_7141.N1	05-DEC-2008 09:46:03	Bright	59.000	13	87Alp Tau	0.86700	3800.0	118	35375	No
140	GOM_NL__2PRFIN20081205_094920_000000502074_00251_35375_7142.N1	05-DEC-2008 09:49:20	Bright	49.500	176	23Zet Tau	3.0200	22000.	99	35375	No
141	GOM_NL__2PRFIN20081205_095140_000000452074_00251_35375_7143.N1	05-DEC-2008 09:51:40	Bright	44.500	114	3lot Aur	2.6930	4600.0	89	35375	No
142	GOM_NL__2PRFIN20081205_095559_000000442074_00251_35375_7144.N1	05-DEC-2008 09:55:59	Bright	43.500	6	13Alp Aur	0.080000	3400.0	87	35375	No
143	GOM_NL__2PRFIN20081205_095729_000000482074_00251_35375_7145.N1	05-DEC-2008 09:57:29	Bright	47.500	42	34Bet Aur	1.9000	10200.	95	35375	No
144	GOM_NL__2PRFIN20081205_101227_000000442074_00251_35375_7146.N1	05-DEC-2008 10:12:27	Bright	43.500	36	50Alp UMa	1.8000	6300.0	87	35375	No
145	GOM_NL__2PRFIN20081205_101401_000000482074_00251_35375_7147.N1	05-DEC-2008 10:14:01	Bright	48.000	82	48Bet UMa	2.3650	10600.	96	35375	No
146	GOM_NL__2PRFIN20081205_101558_000000412074_00251_35375_7148.N1	05-DEC-2008 10:15:58	Bright	41.000	32	77Eps UMa	1.7630	11000.	82	35375	No
147	GOM_NL__2PRFIN20081205_101839_000000562074_00251_35375_7149.N1	05-DEC-2008 10:18:39	Bright	55.500	174	52Psi UMa	3.0040	4400.0	111	35375	No
148	GOM_NL__2PRFIN20081205_102142_000000412074_00251_35375_7150.N1	05-DEC-2008 10:21:42	Bright	40.500	152	12Alp2CVn	2.8900	11000.	81	35375	No
149	GOM_NL__2PRFIN20081205_103206_000000662074_00251_35375_7151.N1	05-DEC-2008 10:32:06	Bright	66.000	62	94Bet Leo	2.1360	9700.0	132	35375	No
150	GOM_NL__2PRFIN20081205_103514_000000502074_00251_35375_7152.N1	05-DEC-2008 10:35:14	Bright	50.000	121	29Gam Vir	2.7400	7200.0	100	35375	No
151	GOM_NL__2PRFIN20081205_104109_000000492074_00251_35375_7153.N1	05-DEC-2008 10:41:09	Dark	49.000	100	4Gam Crv	2.5800	13100.	98	35375	No
152	GOM_NL__2PRFIN20081205_104245_000000522074_00251_35375_7154.N1	05-DEC-2008 10:42:45	Dark	51.500	171	2Eps Crv	3.0010	4250.0	103	35375	No
153	GOM_NL__2PRFIN20081205_105209_000000422074_00252_35376_7154.N1	05-DEC-2008 10:52:09	Dark	41.500	113	Mu Vel	2.6920	5000.0	83	35376	No
154	GOM_NL__2PRFIN20081205_110050_000000462074_00252_35376_7155.N1	05-DEC-2008 11:00:50	Dark	46.000	34	Gam2Vel	1.7930	23000.	92	35376	No
155	GOM_NL__2PRFIN20081205_110245_000000532074_00252_35376_7156.N1	05-DEC-2008 11:02:45	Dark	53.000	70	Zet Pup	2.2460	39000.	106	35376	No
156	GOM_NL__2PRFIN20081205_110559_000000592074_00252_35376_7157.N1	05-DEC-2008 11:05:59	Dark	58.500	117	Pi Pup	2.7060	3800.0	117	35376	No
157	GOM_NL__2PRFIN20081205_110937_000000622074_00252_35376_7158.N1	05-DEC-2008 11:09:37	Dark	61.500	23	21Eps CMa	1.5020	26000.	123	35376	No
158	GOM_NL__2PRFIN20081205_111139_000000522074_00252_35376_7159.N1	05-DEC-2008 11:11:39	Straylight	52.000	179	24Omi2CMa	3.0320	24000.	104	35376	No
159	GOM_NL__2PRFIN20081205_111502_000000602074_00252_35376_7160.N1	05-DEC-2008 11:15:02	Straylight	59.500	47	2Bet CMa	1.9760	28000.	119	35376	No
160	GOM_NL__2PRFIN20081205_111856_000000612074_00252_35376_7161.N1	05-DEC-2008 11:18:56	Straylight	61.000	7	19Bet Ori	0.10000	14000.	122	35376	No



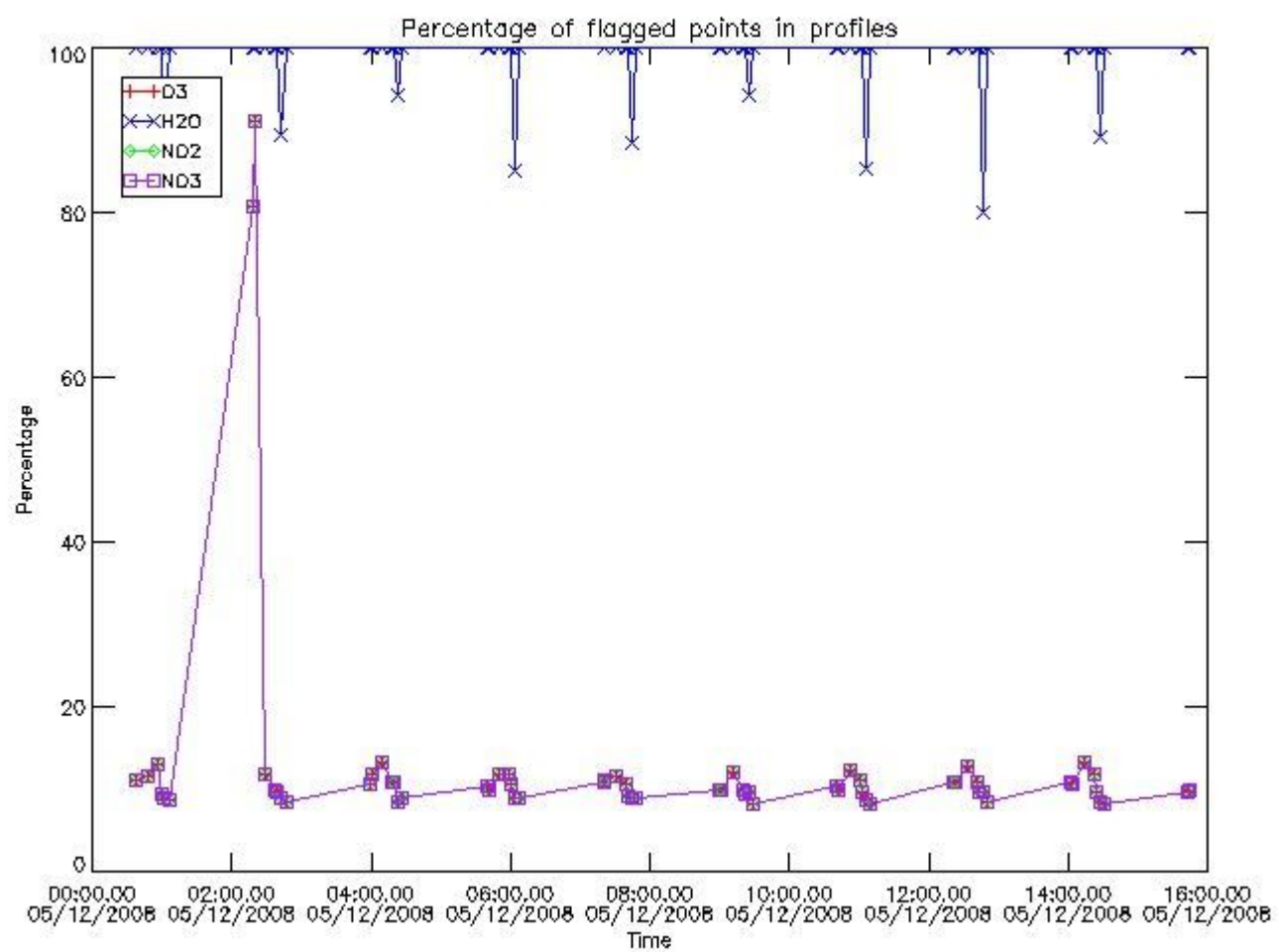
161	GOM_NL__2PRFIN20081205_112138_000000562074_00252_35376_7162.N1	05-DEC-2008 11:21:38	Straylight	56.000	30	46Eps Ori	1.6940	30000.	112	35376	No
162	GOM_NL__2PRFIN20081205_112413_000000572074_00252_35376_7163.N1	05-DEC-2008 11:24:13	Tw_i_and_stray	56.500	27	24Gam Ori	1.6360	26000.	113	35376	No
163	GOM_NL__2PRFIN20081205_112639_000000572074_00252_35376_7164.N1	05-DEC-2008 11:26:39	Bright	57.000	13	87Alp Tau	0.86700	3800.0	114	35376	No
164	GOM_NL__2PRFIN20081205_112955_000000492074_00252_35376_7165.N1	05-DEC-2008 11:29:55	Bright	48.500	176	23Zet Tau	3.0200	22000.	97	35376	No
165	GOM_NL__2PRFIN20081205_113215_000000442074_00252_35376_7166.N1	05-DEC-2008 11:32:15	Bright	43.500	114	3Iot Aur	2.6930	4600.0	87	35376	No
166	GOM_NL__2PRFIN20081205_113634_000000492074_00252_35376_7167.N1	05-DEC-2008 11:36:34	Bright	48.500	6	13Alp Aur	0.080000	3400.0	97	35376	No
167	GOM_NL__2PRFIN20081205_113804_000000482074_00252_35376_7168.N1	05-DEC-2008 11:38:04	Bright	48.000	42	34Bet Aur	1.9000	10200.	96	35376	No
168	GOM_NL__2PRFIN20081205_115303_000000462074_00252_35376_7169.N1	05-DEC-2008 11:53:03	Bright	45.500	36	50Alp UMa	1.8000	6300.0	91	35376	No
169	GOM_NL__2PRFIN20081205_115437_000000492074_00252_35376_7170.N1	05-DEC-2008 11:54:37	Bright	49.000	82	48Bet UMa	2.3650	10600.	98	35376	No
170	GOM_NL__2PRFIN20081205_115634_000000402074_00252_35376_7171.N1	05-DEC-2008 11:56:34	Bright	40.000	32	77Eps UMa	1.7630	11000.	80	35376	No
171	GOM_NL__2PRFIN20081205_115915_000000562074_00252_35376_7172.N1	05-DEC-2008 11:59:15	Bright	56.000	174	52Psi UMa	3.0040	4400.0	112	35376	No
172	GOM_NL__2PRFIN20081205_120218_000000402074_00252_35376_7173.N1	05-DEC-2008 12:02:18	Bright	40.000	152	12Alp2CVn	2.8900	11000.	80	35376	No
173	GOM_NL__2PRFIN20081205_121243_000000682074_00252_35376_7174.N1	05-DEC-2008 12:12:43	Bright	67.500	62	94Bet Leo	2.1360	9700.0	135	35376	No
174	GOM_NL__2PRFIN20081205_121550_000000482074_00252_35376_7175.N1	05-DEC-2008 12:15:50	Bright	48.000	121	29Gam Vir	2.7400	7200.0	96	35376	No
175	GOM_NL__2PRFIN20081205_122146_000000472074_00252_35376_7176.N1	05-DEC-2008 12:21:46	Dark	46.500	100	4Gam Crv	2.5800	13100.	93	35376	No
176	GOM_NL__2PRFIN20081205_122322_000000482074_00252_35376_7177.N1	05-DEC-2008 12:23:22	Dark	47.500	171	2Eps Crv	3.0010	4250.0	95	35376	No
177	GOM_NL__2PRFIN20081205_123245_000000442074_00253_35377_7163.N1	05-DEC-2008 12:32:45	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	35377	No
178	GOM_NL__2PRFIN20081205_124126_000000472074_00253_35377_7164.N1	05-DEC-2008 12:41:26	Dark	46.500	34	Gam2Vel	1.7930	23000.	93	35377	No
179	GOM_NL__2PRFIN20081205_124321_000000532074_00253_35377_7165.N1	05-DEC-2008 12:43:21	Dark	53.000	70	Zet Pup	2.2460	39000.	106	35377	No
180	GOM_NL__2PRFIN20081205_124636_000000582074_00253_35377_7166.N1	05-DEC-2008 12:46:36	Dark	58.000	117	Pi Pup	2.7060	3800.0	116	35377	No
181	GOM_NL__2PRFIN20081205_125013_000000612074_00253_35377_7167.N1	05-DEC-2008 12:50:13	Dark	60.500	23	21Eps CMa	1.5020	26000.	121	35377	No
182	GOM_NL__2PRFIN20081205_125215_000000522074_00253_35377_7168.N1	05-DEC-2008 12:52:15	Straylight	51.500	179	24Omi2CMa	3.0320	24000.	103	35377	No
183	GOM_NL__2PRFIN20081205_125538_000000592074_00253_35377_7169.N1	05-DEC-2008 12:55:38	Straylight	58.500	47	2Bet CMa	1.9760	28000.	117	35377	No
184	GOM_NL__2PRFIN20081205_125931_000000552074_00253_35377_7170.N1	05-DEC-2008 12:59:31	Straylight	55.000	7	19Bet Ori	0.10000	14000.	110	35377	No
185	GOM_NL__2PRFIN20081205_130214_000000572074_00253_35377_7171.N1	05-DEC-2008 13:02:14	Straylight	57.000	30	46Eps Ori	1.6940	30000.	114	35377	No
186	GOM_NL__2PRFIN20081205_130448_000000552074_00253_35377_7172.N1	05-DEC-2008 13:04:48	Tw_i_and_stray	54.500	27	24Gam Ori	1.6360	26000.	109	35377	No
187	GOM_NL__2PRFIN20081205_130715_000000592074_00253_35377_7173.N1	05-DEC-2008 13:07:15	Bright	59.000	13	87Alp Tau	0.86700	3800.0	118	35377	No
188	GOM_NL__2PRFIN20081205_131030_000000512074_00253_35377_7174.N1	05-DEC-2008 13:10:30	Bright	51.000	176	23Zet Tau	3.0200	22000.	102	35377	No
189	GOM_NL__2PRFIN20081205_131251_000000442074_00253_35377_7175.N1	05-DEC-2008 13:12:51	Bright	43.500	114	3Iot Aur	2.6930	4600.0	87	35377	No
190	GOM_NL__2PRFIN20081205_131709_000000442074_00253_35377_7176.N1	05-DEC-2008 13:17:09	Bright	44.000	6	13Alp Aur	0.080000	3400.0	88	35377	No
191	GOM_NL__2PRFIN20081205_131839_000000492074_00253_35377_7177.N1	05-DEC-2008 13:18:39	Bright	48.500	42	34Bet Aur	1.9000	10200.	97	35377	No
192	GOM_NL__2PRFIN20081205_133338_000000452074_00253_35377_7178.N1	05-DEC-2008 13:33:38	Bright	44.500	36	50Alp UMa	1.8000	6300.0	89	35377	No
193	GOM_NL__2PRFIN20081205_133512_000000702074_00253_35377_7179.N1	05-DEC-2008 13:35:12	Bright	70.000	82	48Bet UMa	2.3650	10600.	140	35377	No
194	GOM_NL__2PRFIN20081205_133710_000000402074_00253_35377_7180.N1	05-DEC-2008 13:37:10	Bright	39.500	32	77Eps UMa	1.7630	11000.	79	35377	No
195	GOM_NL__2PRFIN20081205_133950_000000592074_00253_35377_7181.N1	05-DEC-2008 13:39:50	Bright	59.000	174	52Psi UMa	3.0040	4400.0	118	35377	No
196	GOM_NL__2PRFIN20081205_134254_000000392074_00253_35377_7182.N1	05-DEC-2008 13:42:54	Bright	39.000	152	12Alp2CVn	2.8900	11000.	78	35377	No
197	GOM_NL__2PRFIN20081205_135320_000000652074_00253_35377_7183.N1	05-DEC-2008 13:53:20	Bright	64.500	62	94Bet Leo	2.1360	9700.0	129	35377	No
198	GOM_NL__2PRFIN20081205_135627_000000492074_00253_35377_7184.N1	05-DEC-2008 13:56:27	Bright	48.500	121	29Gam Vir	2.7400	7200.0	97	35377	No
199	GOM_NL__2PRFIN20081205_140223_000000472074_00253_35377_7185.N1	05-DEC-2008 14:02:23	Dark	47.000	100	4Gam Crv	2.5800	13100.	94	35377	No
200	GOM_NL__2PRFIN20081205_140359_000000482074_00253_35377_7186.N1	05-DEC-2008 14:03:59	Dark	48.000	171	2Eps Crv	3.0010	4250.0	96	35377	No
201	GOM_NL__2PRFIN20081205_141322_000000432074_00254_35378_7177.N1	05-DEC-2008 14:13:22	Dark	42.500	113	Mu Vel	2.6920	5000.0	85	35378	No
202	GOM_NL__2PRFIN20081205_142203_000000482074_00254_35378_7178.N1	05-DEC-2008 14:22:03	Dark	47.500	34	Gam2Vel	1.7930	23000.	95	35378	No
203	GOM_NL__2PRFIN20081205_142358_000000532074_00254_35378_7179.N1	05-DEC-2008 14:23:58	Dark	53.000	70	Zet Pup	2.2460	39000.	106	35378	No
204	GOM_NL__2PRFIN20081205_142712_000000612074_00254_35378_7180.N1	05-DEC-2008 14:27:12	Dark	60.500	117	Pi Pup	2.7060	3800.0	121	35378	No
205	GOM_NL__2PRFIN20081205_143050_000000632074_00254_35378_7181.N1	05-DEC-2008 14:30:50	Dark	62.500	23	21Eps CMa	1.5020	26000.	125	35378	No
206	GOM_NL__2PRFIN20081205_143252_000000562074_00254_35378_7182.N1	05-DEC-2008 14:32:52	Straylight	55.500	179	24Omi2CMa	3.0320	24000.	111	35378	No
207	GOM_NL__2PRFIN20081205_143614_000000582074_00254_35378_7183.N1	05-DEC-2008 14:36:14	Straylight	58.000	47	2Bet CMa	1.9760	28000.	116	35378	No
208	GOM_NL__2PRFIN20081205_144007_000000532074_00254_35378_7184.N1	05-DEC-2008 14:40:07	Straylight	52.500	7	19Bet Ori	0.10000	14000.	105	35378	No
209	GOM_NL__2PRFIN20081205_144249_000000572074_00254_35378_7185.N1	05-DEC-2008 14:42:49	Straylight	56.500	30	46Eps Ori	1.6940	30000.	113	35378	No
210	GOM_NL__2PRFIN20081205_144524_000000552074_00254_35378_7186.N1	05-DEC-2008 14:45:24	Tw_i_and_stray	55.000	27	24Gam Ori	1.6360	26000.	110	35378	No
211	GOM_NL__2PRFIN20081205_144751_000000592074_00254_35378_7187.N1	05-DEC-2008 14:47:51	Bright	59.000	13	87Alp Tau	0.86700	3800.0	118	35378	No
212	GOM_NL__2PRFIN20081205_145105_000000502074_00254_35378_7188.N1	05-DEC-2008 14:51:05	Bright	49.500	176	23Zet Tau	3.0200	22000.	99	35378	No
213	GOM_NL__2PRFIN20081205_145326_000000432074_00254_35378_7189.N1	05-DEC-2008 14:53:26	Bright	42.500	114	3Iot Aur	2.6930	4600.0	85	35378	No
214	GOM_NL__2PRFIN20081205_145745_000000472074_00254_35378_7190.N1	05-DEC-2008 14:57:45	Bright	47.000	6	13Alp Aur	0.080000	3400.0	94	35378	No
215	GOM_NL__2PRFIN20081205_145915_000000482074_00254_35378_7191.N1	05-DEC-2008 14:59:15	Bright	47.500	42	34Bet Aur	1.9000	10200.	95	35378	No
216	GOM_NL__2PRFIN20081205_151414_000000452074_00254_35378_7192.N1	05-DEC-2008 15:14:14	Bright	45.000	36	50Alp UMa	1.8000	6300.0	90	35378	No
217	GOM_NL__2PRFIN20081205_151548_000000462074_00254_35378_7193.N1	05-DEC-2008 15:15:48	Bright	46.000	82	48Bet UMa	2.3650	10600.	92	35378	No
218	GOM_NL__2PRFIN20081205_151746_000000412074_00254_35378_7194.N1	05-DEC-2008 15:17:46	Bright	40.500	32	77Eps UMa	1.7630	11000.	81	35378	No
219	GOM_NL__2PRFIN20081205_152026_000000552074_00254_35378_7195.N1	05-DEC-2008 15:20:26	Bright	54.500	174	52Psi UMa	3.0040	4400.0	109	35378	No

220	GOM_NL__2PRFIN20081205_152330_000000402074_00254_35378_7196.N1	05-DEC-2008 15:23:30	Bright	40.000	152	12Alp2CVn	2.8900	11000.	80	35378	No
221	GOM_NL__2PRFIN20081205_153356_000000642074_00254_35378_7197.N1	05-DEC-2008 15:33:56	Bright	64.000	62	94Bet Leo	2.1360	9700.0	128	35378	No
222	GOM_NL__2PRFIN20081205_153703_000000492074_00254_35378_7198.N1	05-DEC-2008 15:37:03	Bright	49.000	121	29Gam Vir	2.7400	7200.0	98	35378	No
223	GOM_NL__2PRFIN20081205_154300_000000532074_00254_35378_7199.N1	05-DEC-2008 15:43:00	Dark	52.500	100	4Gam Crv	2.5800	13100.	105	35378	No
224	GOM_NL__2PRFIN20081205_154436_000000512074_00254_35378_7200.N1	05-DEC-2008 15:44:36	Dark	51.000	171	2Eps Crv	3.0010	4250.0	102	35378	No

### 3. Quality information per product

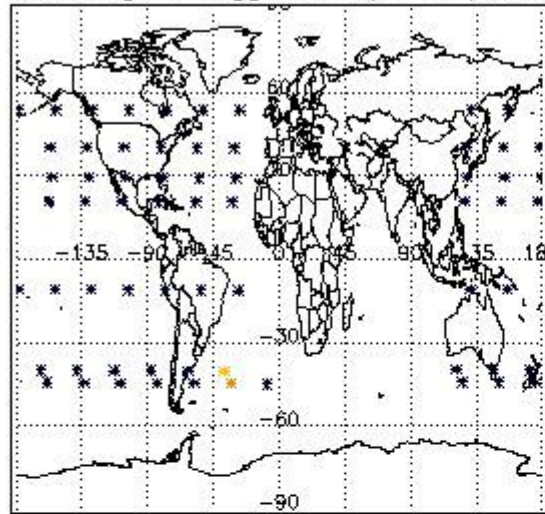
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

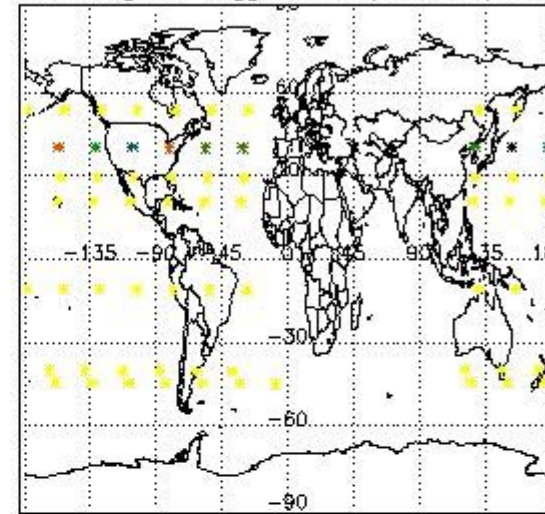


#### 3.2 Plot quality information per product (world map)

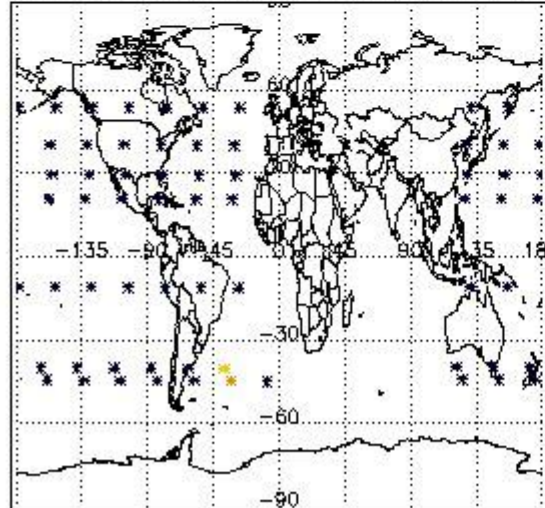
Percentage of flagged data per O3 profile



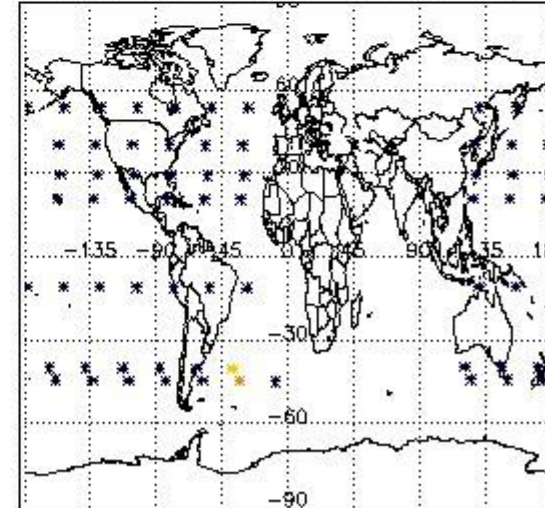
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



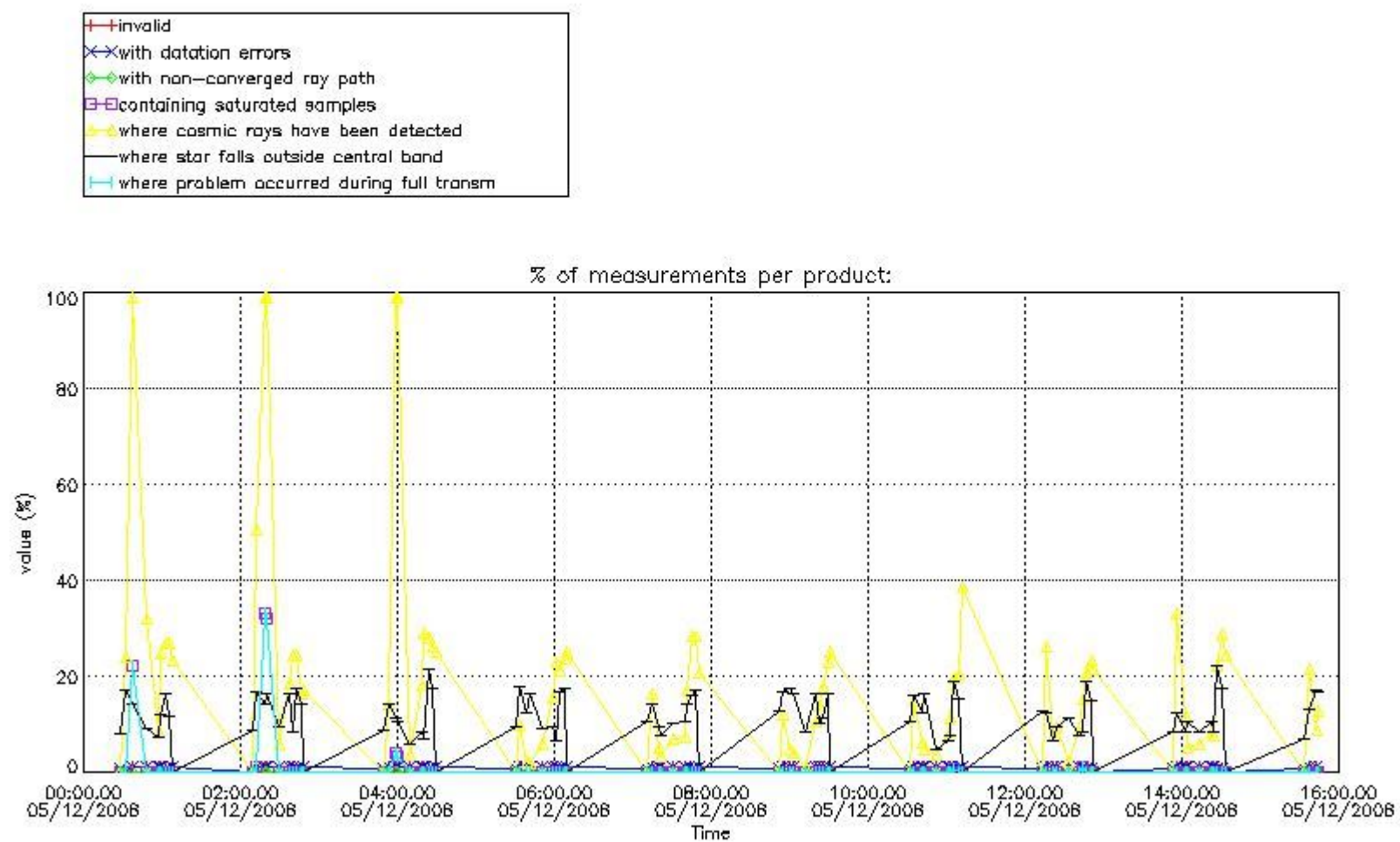
#### 4. Level 1 quality information per product

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

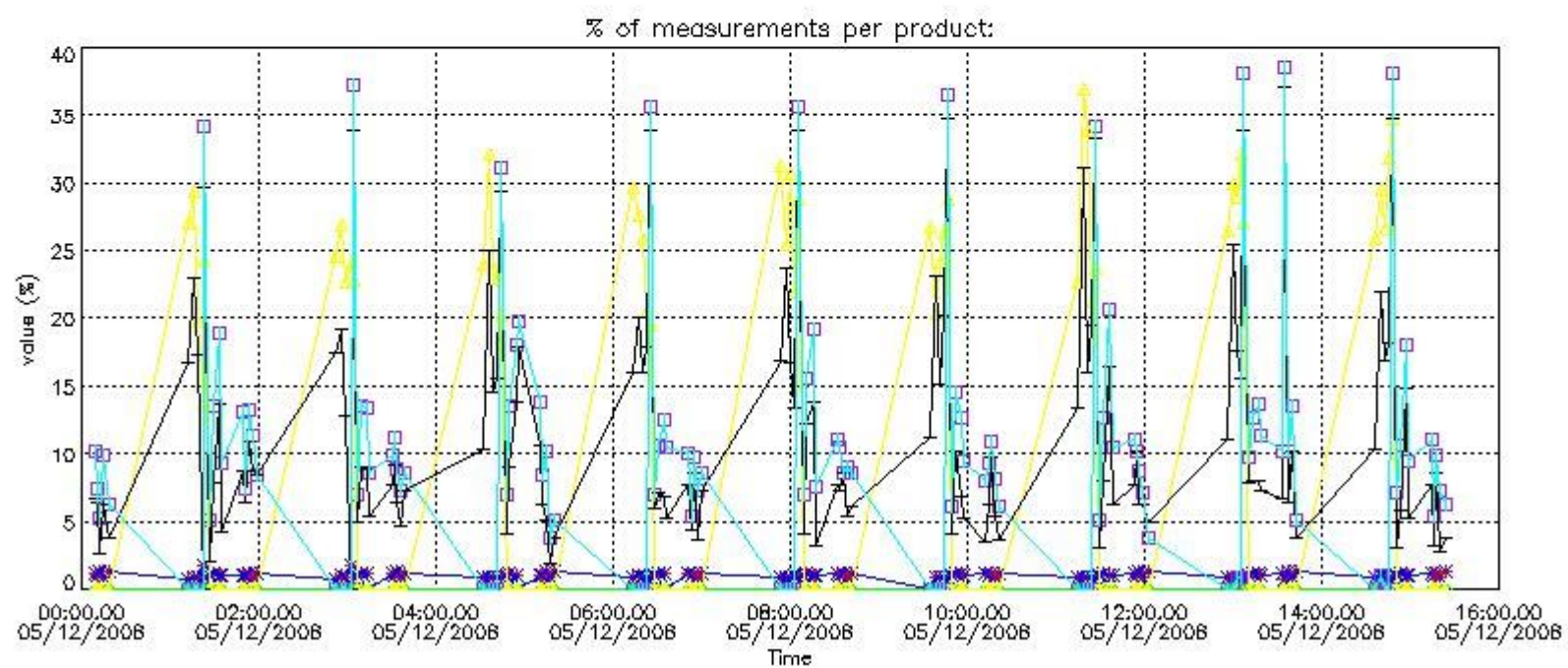
##### 4.1.1 Plot level 1 quality information per product (time dependant): ENVISAT ASCENDING passes





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

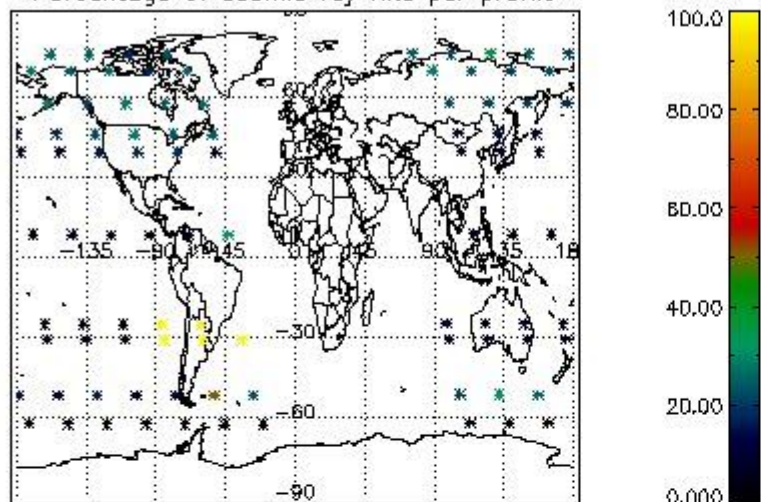




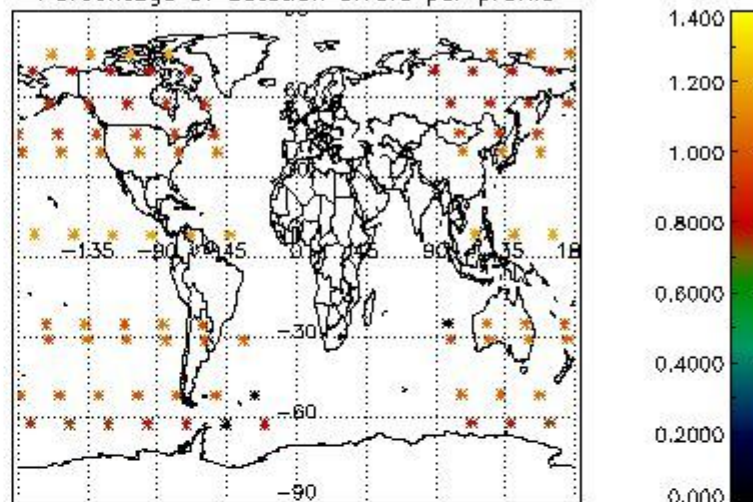
#### 4.2 Plot quality information per product coming from level 1b processing (world map)

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

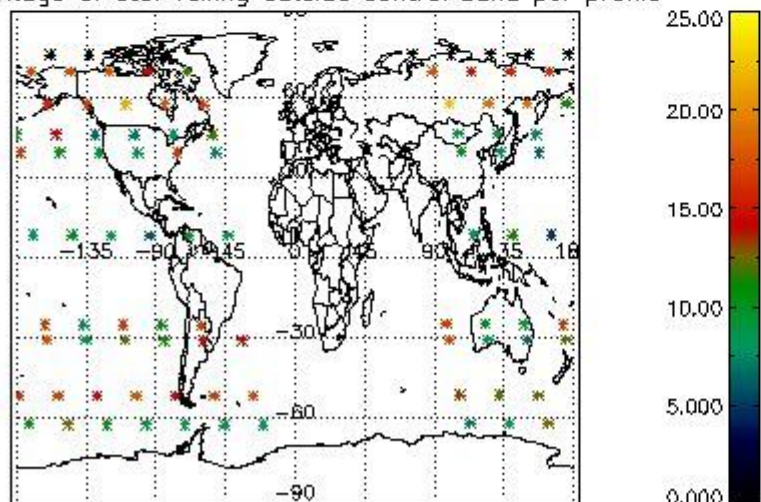
Percentage of cosmic ray hits per profile



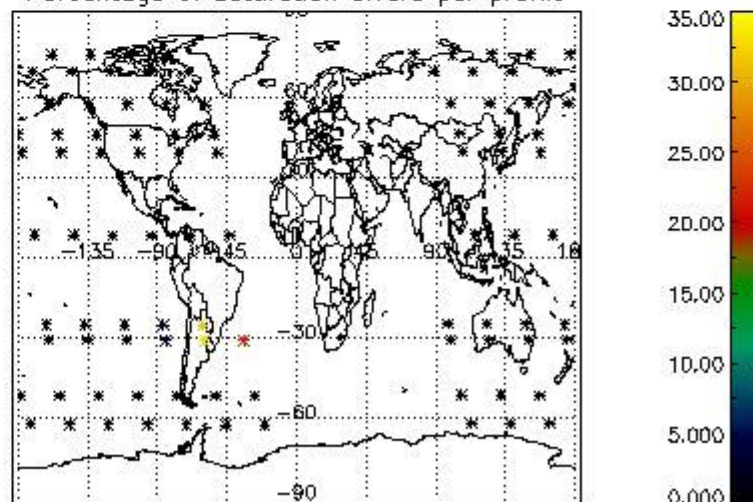
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

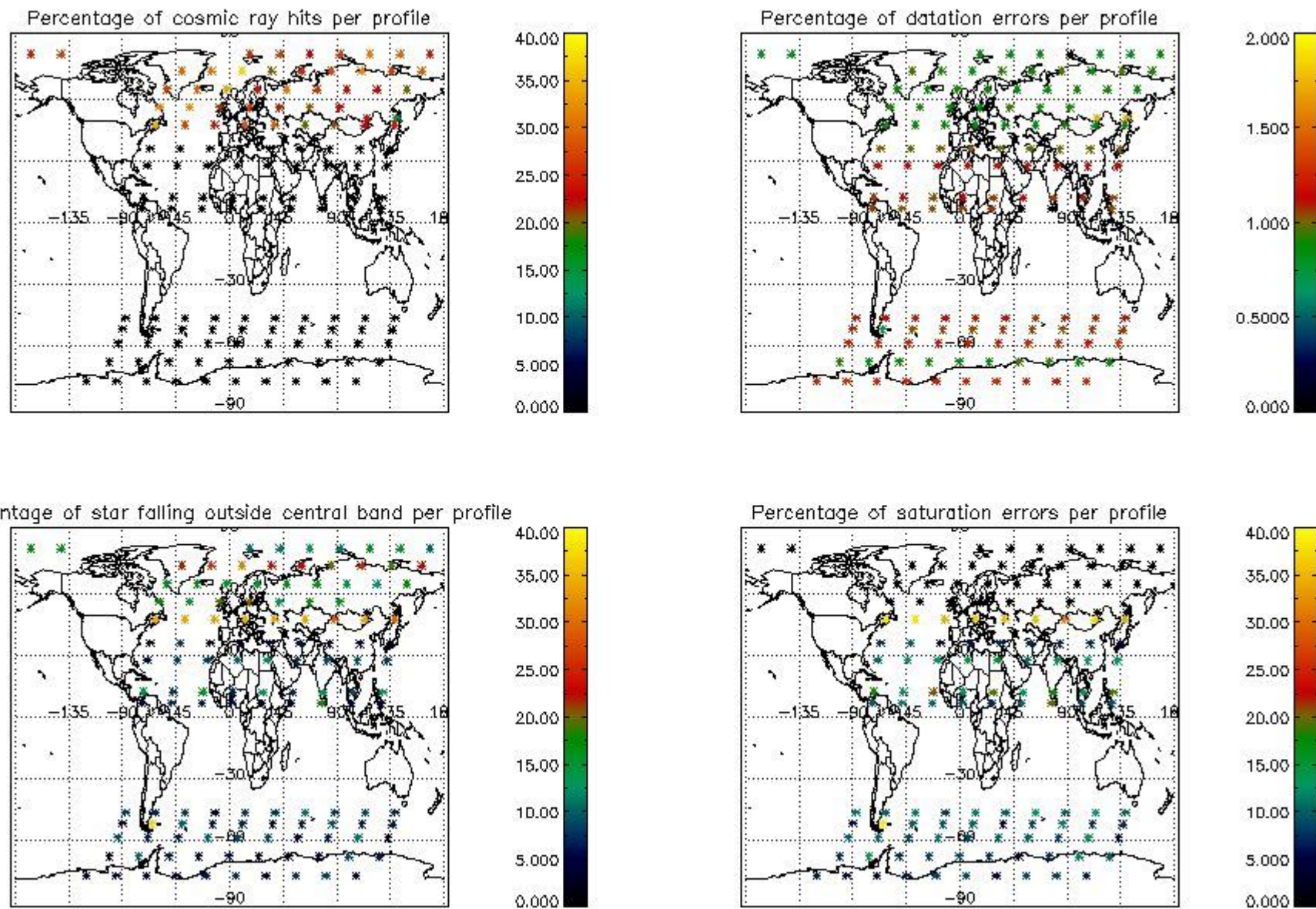


Percentage of saturation errors per profile



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

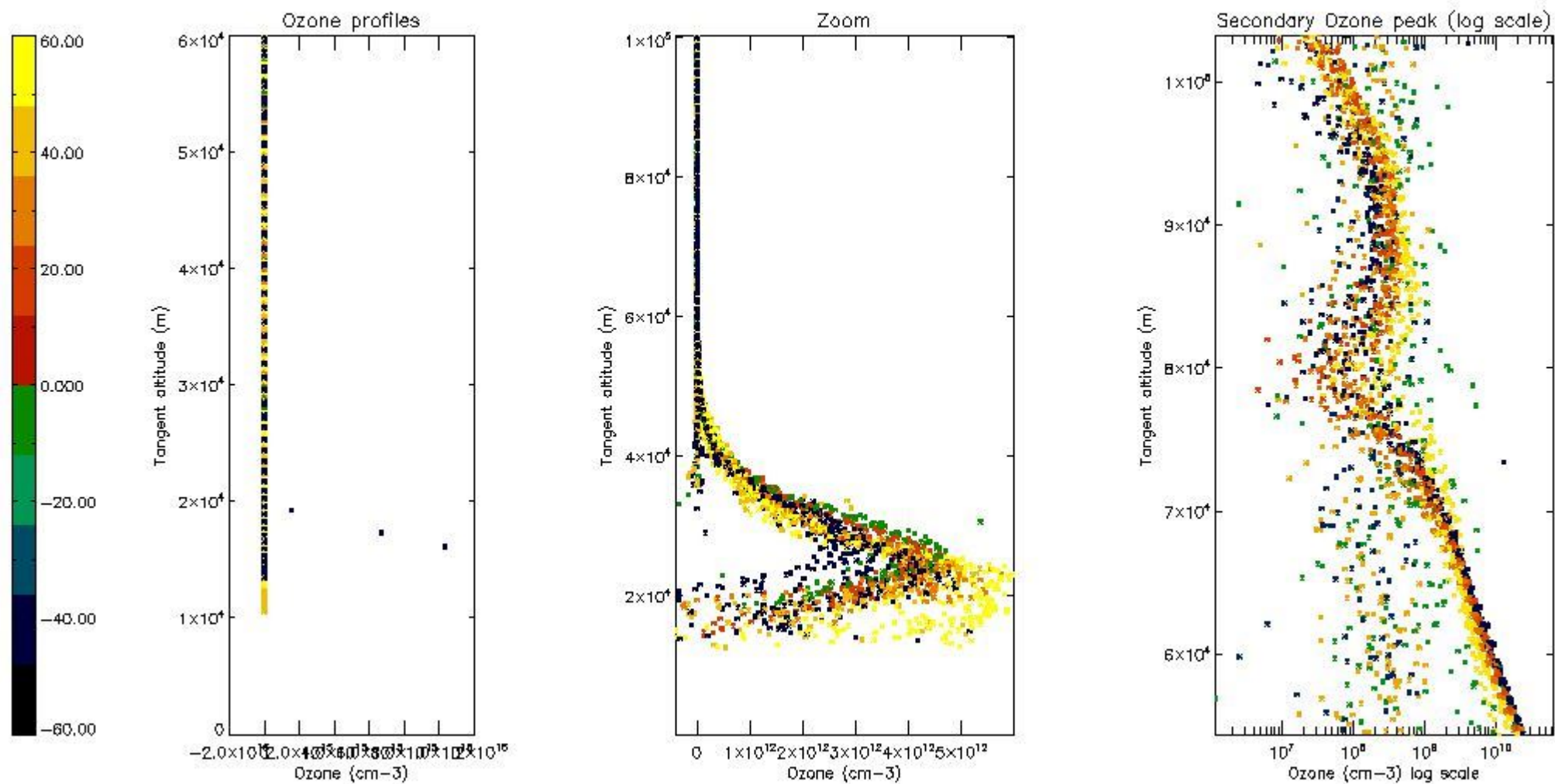
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	29
STD < 20	15

STD < 10	12
STD < 5	9

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

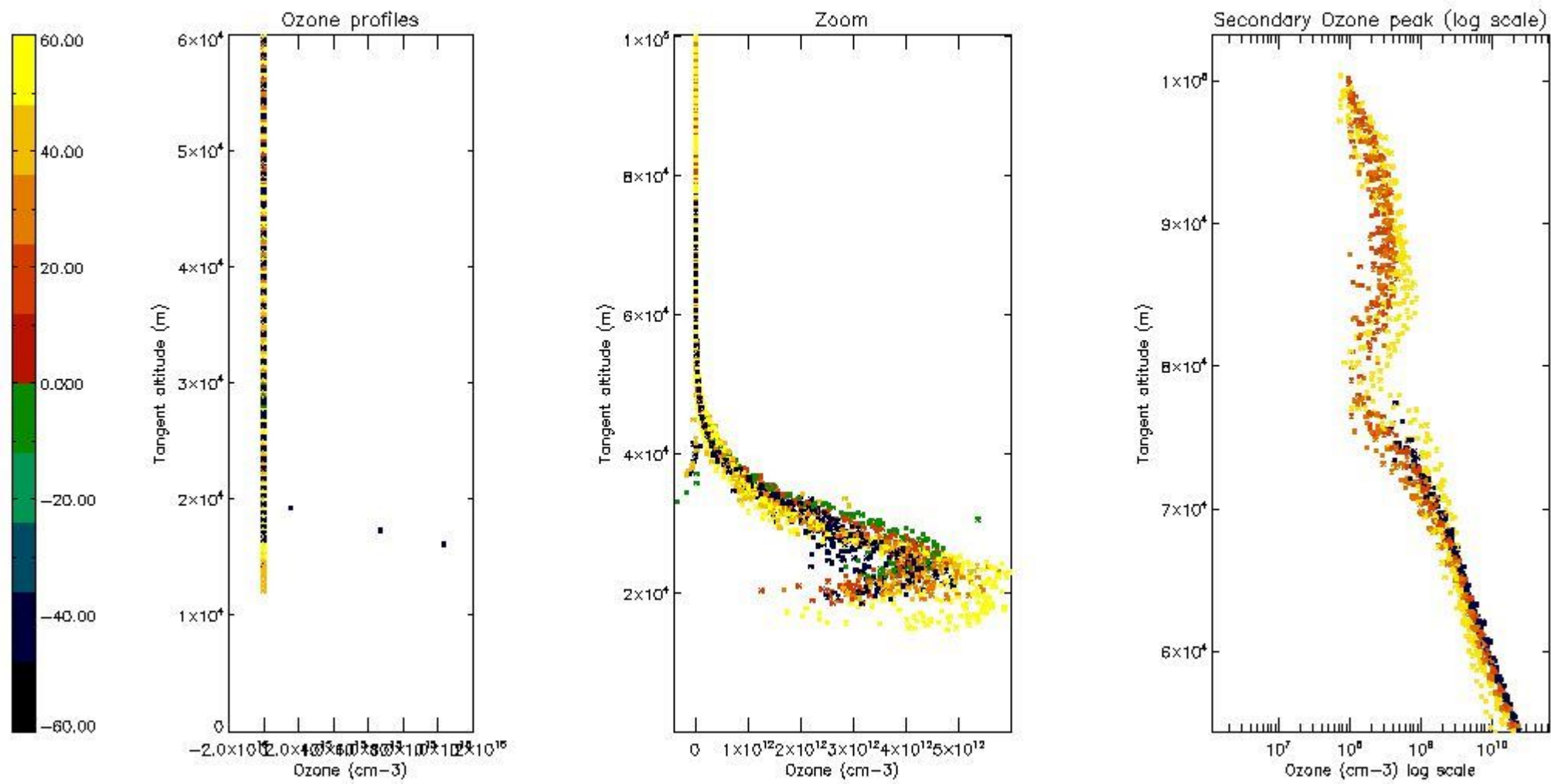
The colorbar represents the latitude.



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

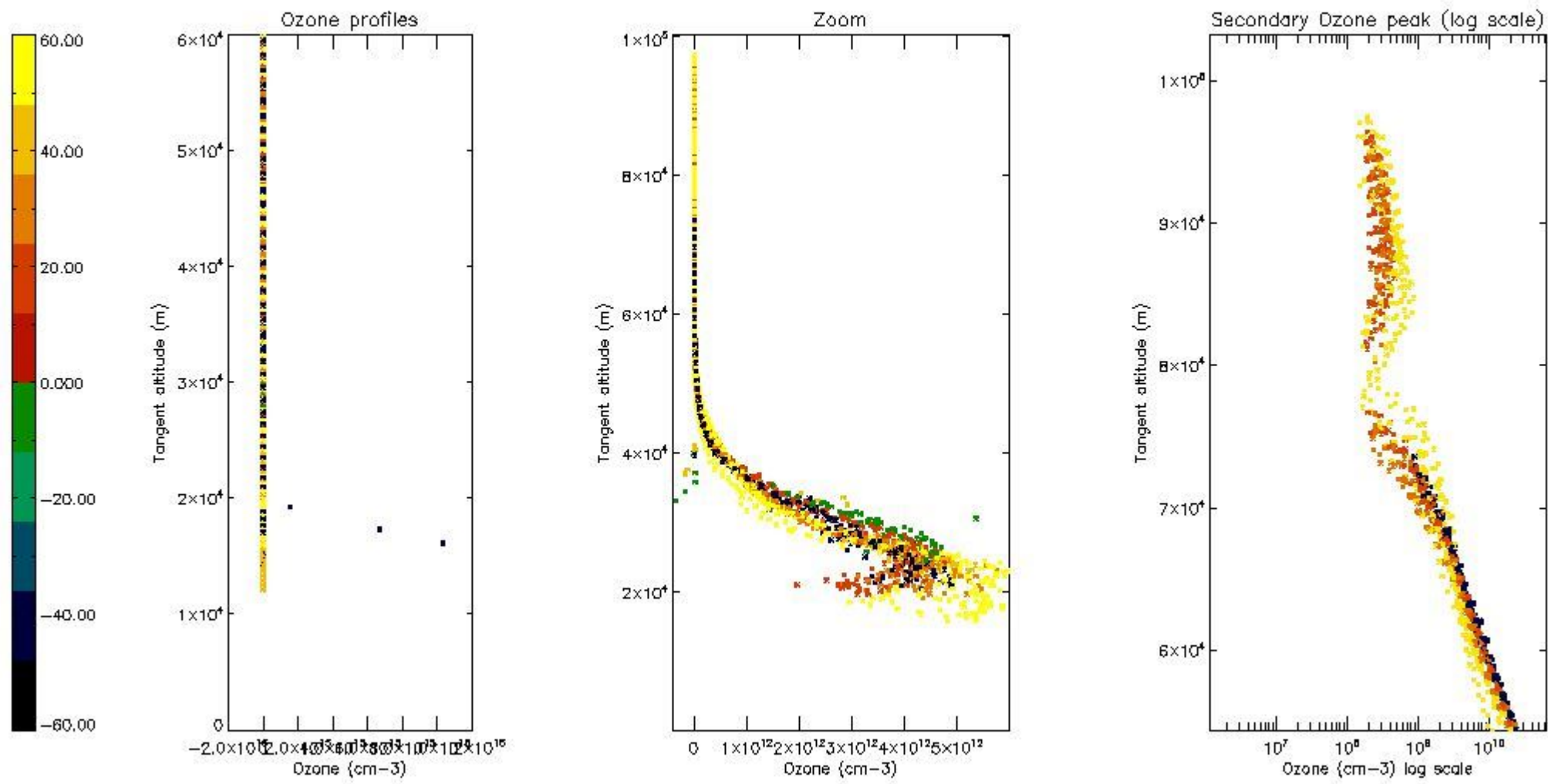
The colorbar represents the latitude.





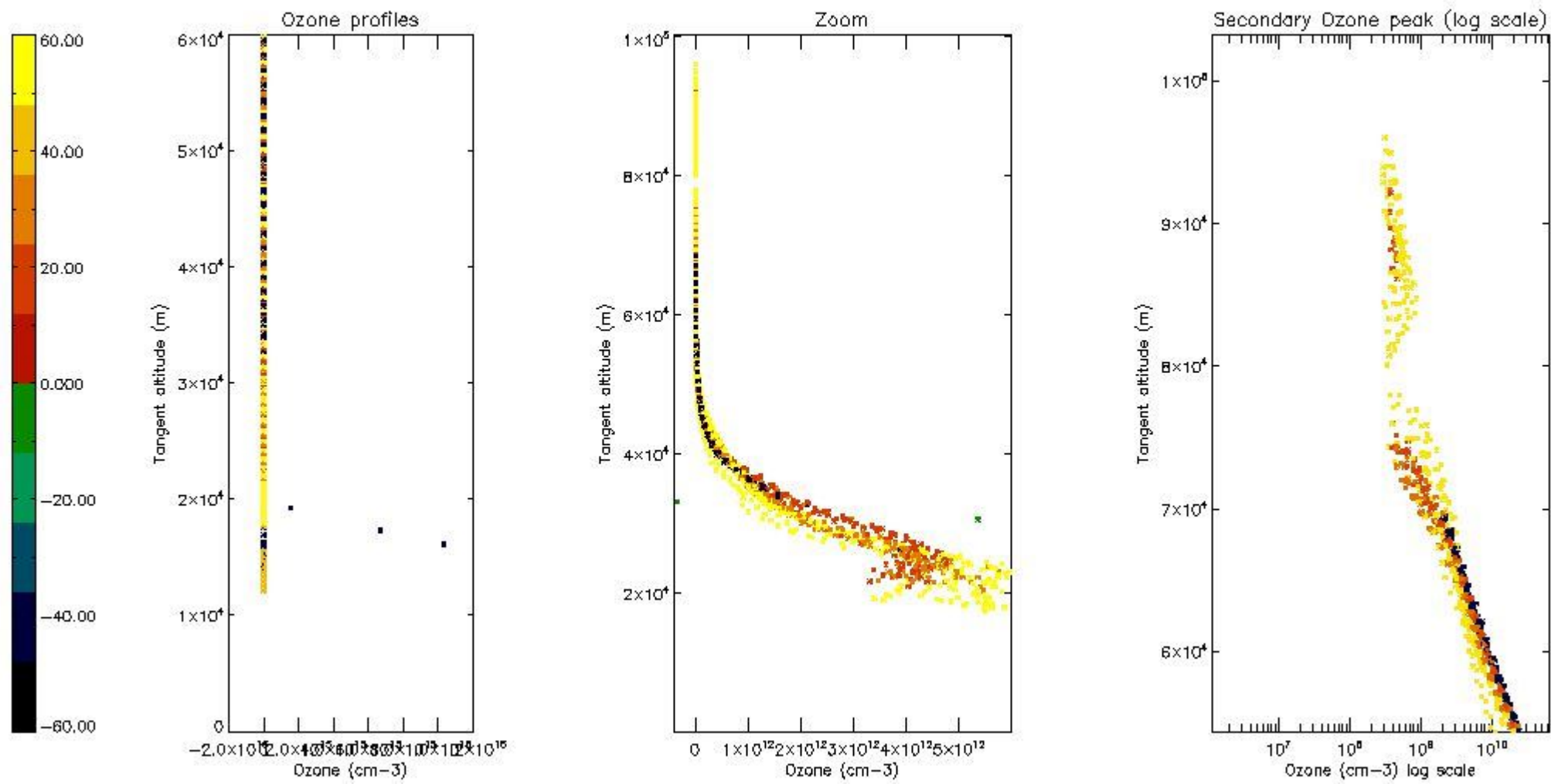
*5.4 Plot ozone profiles where  $STD < 10\%$  (dark without errors)*

The colorbar represents the latitude.



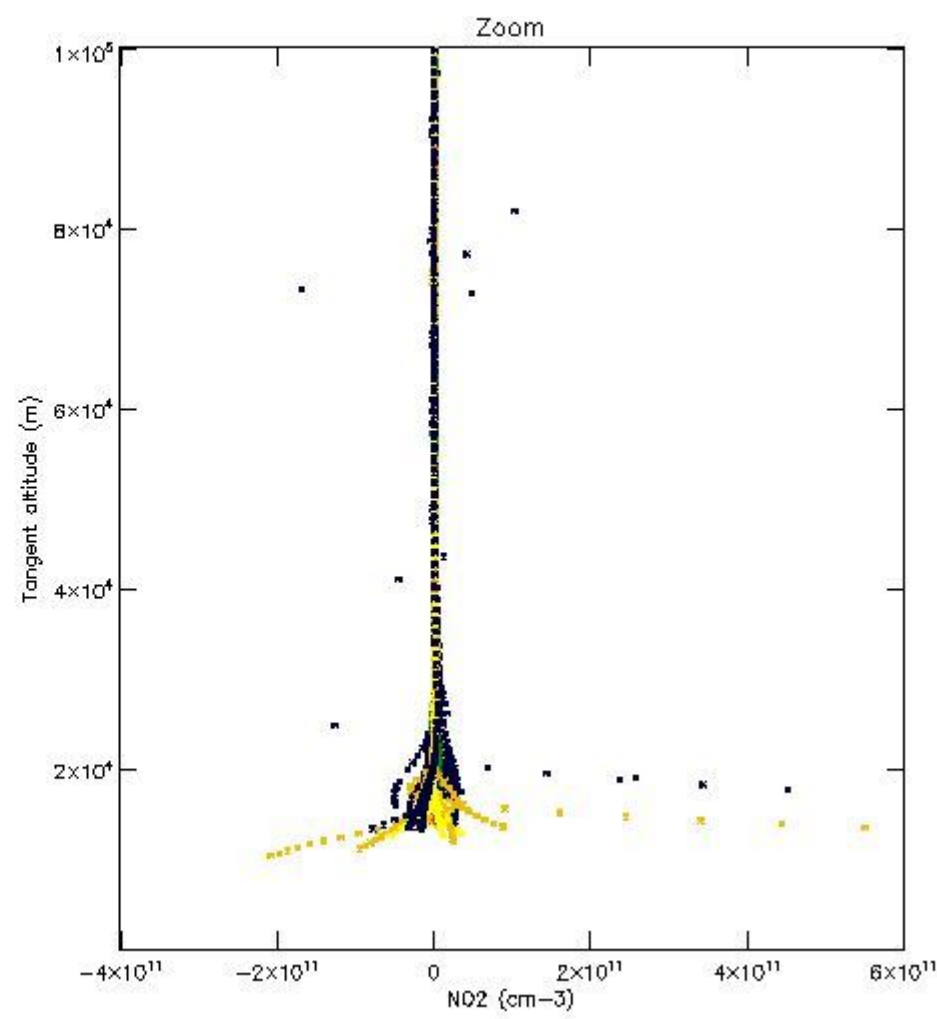
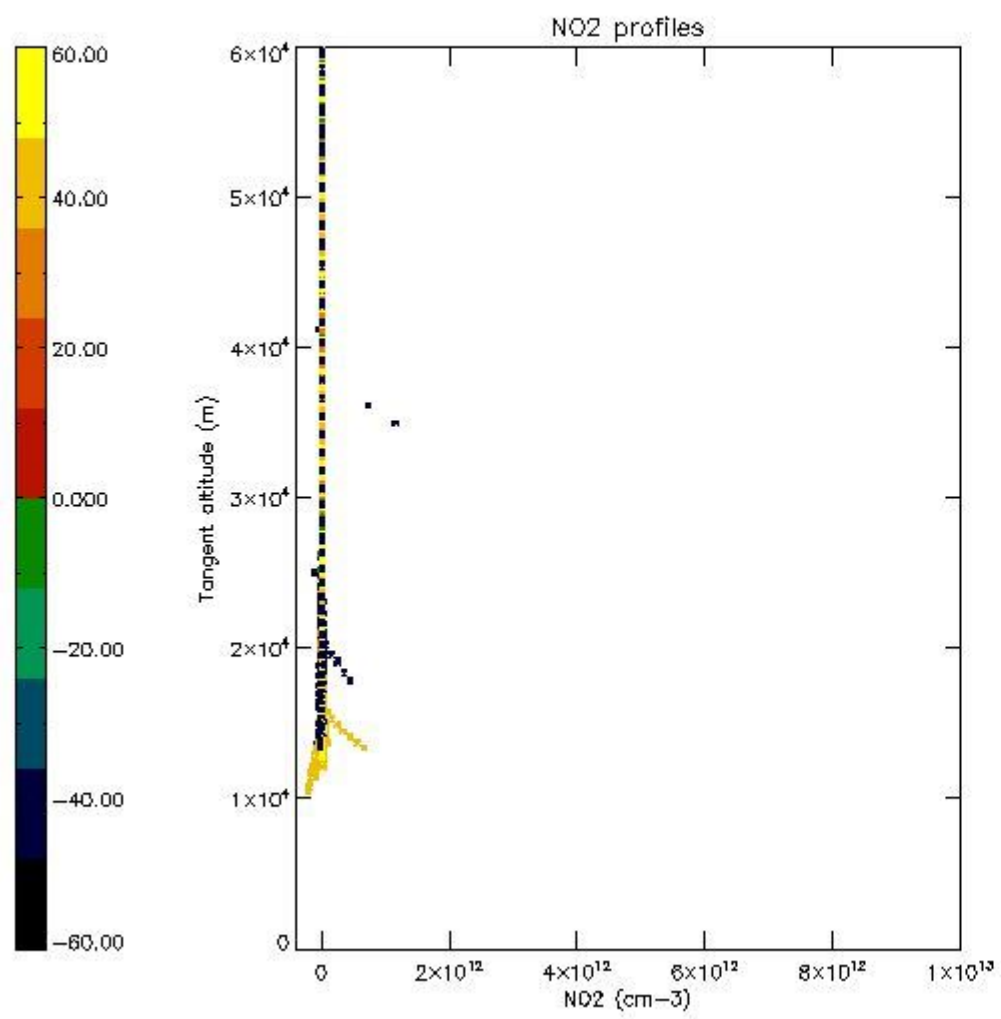
*5.5 Plot ozone profiles where  $STD < 5\%$  (dark without errors)*

The colorbar represents the latitude.



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

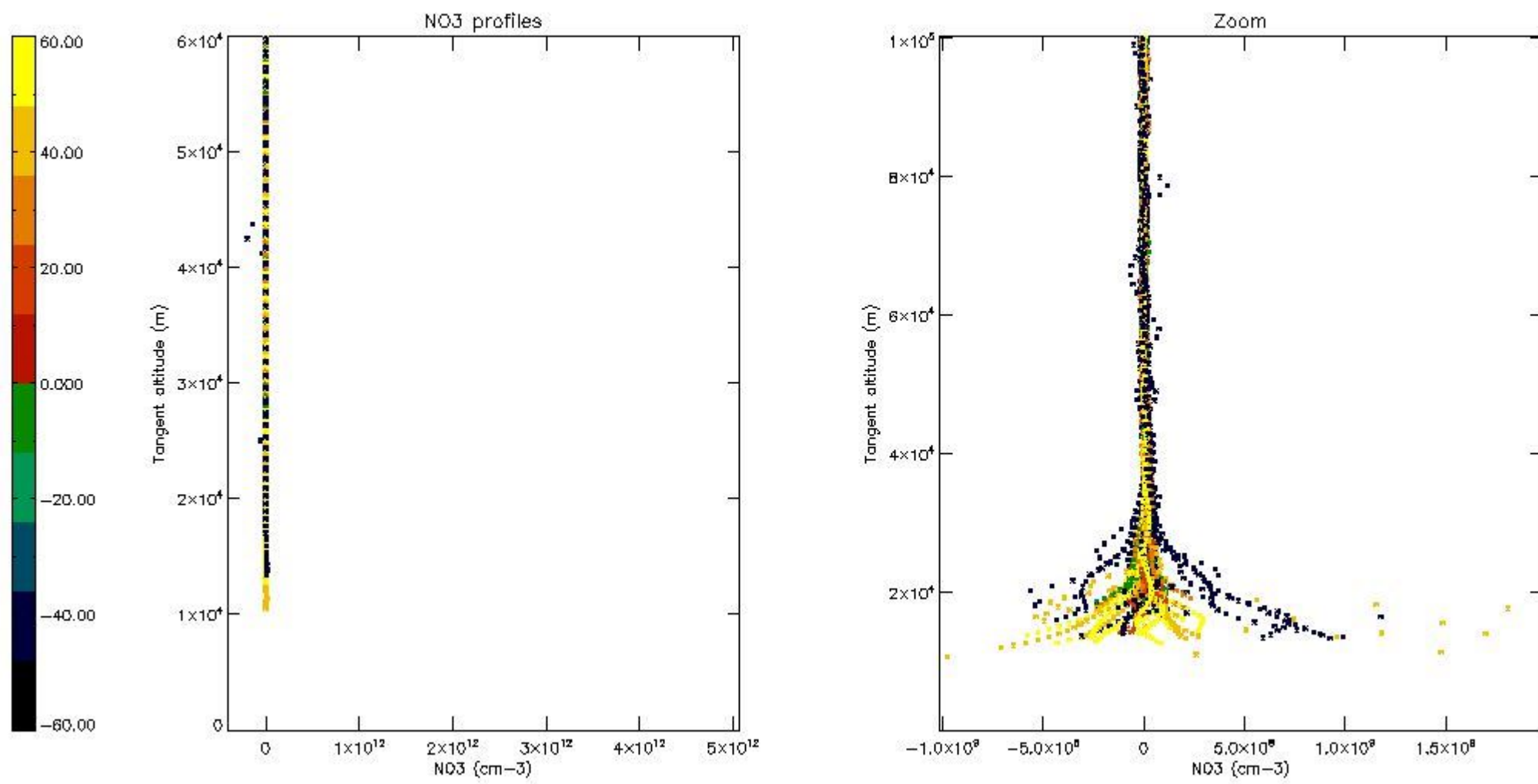
The colorbar represents the latitude.



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

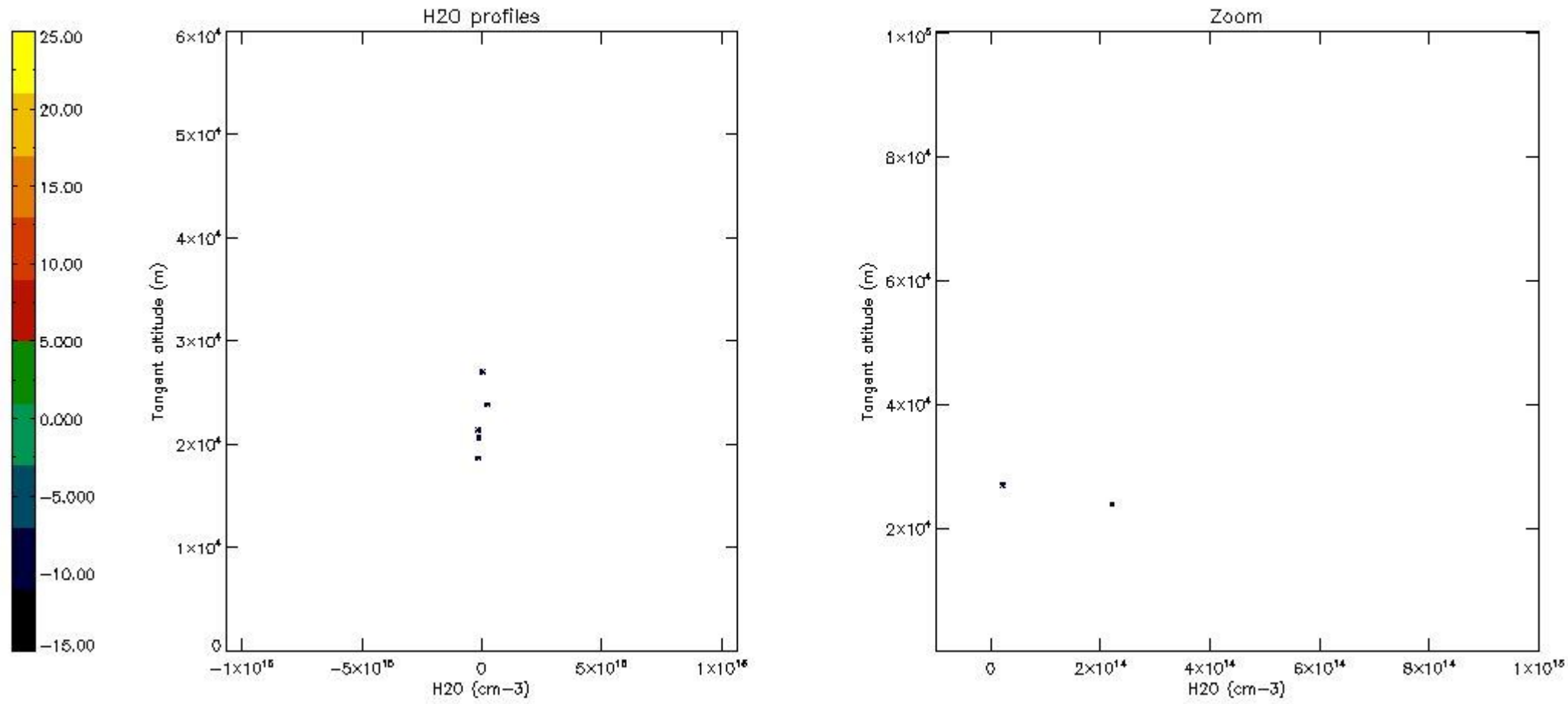
The colorbar represents the latitude.





5.8 Plot H<sub>2</sub>O 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	05-DEC-2008 00:08:54
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	05-DEC-2008 00:08:54
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	05-DEC-2008 00:08:54

# GOMOS Level 2 Daily Report

## SUMMARY

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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	25APR2013 23:12:47
Data source version	GOMOS/6.01
Start time of products	05-12-2008 (05DEC2008 00:00:00)
Stop time of products	06-12-2008 (06DEC2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	224
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__2PRFIN20081205_000854_000000452074_00245_35369_7037.N1	05-DEC-2008 00:08:54	Bright	44.500	36	50Alp UMa	1.8000	6300.0	89	35369	No
2	GOM_NL__2PRFIN20081205_001028_000000472074_00245_35369_7038.N1	05-DEC-2008 00:10:28	Bright	47.000	82	48Bet UMa	2.3650	10600.	94	35369	No
3	GOM_NL__2PRFIN20081205_001223_000000392074_00245_35369_7039.N1	05-DEC-2008 00:12:23	Bright	38.500	32	77Eps UMa	1.7630	11000.	77	35369	No
4	GOM_NL__2PRFIN20081205_001505_000000562074_00245_35369_7040.N1	05-DEC-2008 00:15:05	Bright	56.000	174	52Psi UMa	3.0040	4400.0	112	35369	No
5	GOM_NL__2PRFIN20081205_001806_000000402074_00245_35369_7041.N1	05-DEC-2008 00:18:06	Bright	40.000	152	12Alp2CVn	2.8900	11000.	80	35369	No
6	GOM_NL__2PRFIN20081205_002825_000000632074_00245_35369_7042.N1	05-DEC-2008 00:28:25	Bright	63.000	62	94Bet Leo	2.1360	9700.0	126	35369	No
7	GOM_NL__2PRFIN20081205_003134_000000502074_00245_35369_7043.N1	05-DEC-2008 00:31:34	Bright	50.000	121	29Gam Vir	2.7400	7200.0	100	35369	No
8	GOM_NL__2PRFIN20081205_003728_000000502074_00245_35369_7044.N1	05-DEC-2008 00:37:28	Dark	50.000	100	4Gam Crv	2.5800	13100.	100	35369	No
9	GOM_NL__2PRFIN20081205_004828_000000442074_00246_35370_7038.N1	05-DEC-2008 00:48:28	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	35370	No
10	GOM_NL__2PRFIN20081205_005709_000000472074_00246_35370_7039.N1	05-DEC-2008 00:57:09	Dark	47.000	34	Gam2Vel	1.7930	23000.	94	35370	No
11	GOM_NL__2PRFIN20081205_005903_000000552074_00246_35370_7040.N1	05-DEC-2008 00:59:03	Dark	54.500	70	Zet Pup	2.2460	39000.	109	35370	No
12	GOM_NL__2PRFIN20081205_010219_000000582074_00246_35370_7041.N1	05-DEC-2008 01:02:19	Dark	57.500	117	Pi Pup	2.7060	3800.0	115	35370	No
13	GOM_NL__2PRFIN20081205_010557_000000602074_00246_35370_7042.N1	05-DEC-2008 01:05:57	Dark	59.500	23	21Eps CMa	1.5020	26000.	119	35370	No
14	GOM_NL__2PRFIN20081205_010800_000000412074_00246_35370_7043.N1	05-DEC-2008 01:08:00	Straylight	41.000	179	24Omi2CMa	3.0320	24000.	82	35370	No
15	GOM_NL__2PRFIN20081205_011125_000000632074_00246_35370_7044.N1	05-DEC-2008 01:11:25	Straylight	63.000	47	2Bet CMa	1.9760	28000.	126	35370	No
16	GOM_NL__2PRFIN20081205_011520_000000552074_00246_35370_7045.N1	05-DEC-2008 01:15:20	Straylight	54.500	7	19Bet Ori	0.10000	14000.	109	35370	No
17	GOM_NL__2PRFIN20081205_011804_000000582074_00246_35370_7046.N1	05-DEC-2008 01:18:04	Straylight	58.000	30	46Eps Ori	1.6940	30000.	116	35370	No
18	GOM_NL__2PRFIN20081205_012202_000000292074_00246_35370_7047.N1	05-DEC-2008 01:22:02	Twilight_stray	29.000	14	58Alp Ori	0.87000	3000.0	58	35370	No
19	GOM_NL__2PRFIN20081205_012305_000000562074_00246_35370_7048.N1	05-DEC-2008 01:23:05	Bright	55.500	13	87Alp Tau	0.86700	3800.0	111	35370	No
20	GOM_NL__2PRFIN20081205_012624_000000502074_00246_35370_7049.N1	05-DEC-2008 01:26:24	Bright	49.500	176	23Zet Tau	3.0200	22000.	99	35370	No
21	GOM_NL__2PRFIN20081205_012842_000000452074_00246_35370_7050.N1	05-DEC-2008 01:28:42	Bright	44.500	114	3lot Aur	2.6930	4600.0	89	35370	No
22	GOM_NL__2PRFIN20081205_013302_000000482074_00246_35370_7051.N1	05-DEC-2008 01:33:02	Bright	47.500	6	13Alp Aur	0.080000	3400.0	95	35370	No
23	GOM_NL__2PRFIN20081205_013434_000000482074_00246_35370_7052.N1	05-DEC-2008 01:34:34	Bright	48.000	42	34Bet Aur	1.9000	10200.	96	35370	No
24	GOM_NL__2PRFIN20081205_014929_000000462074_00246_35370_7053.N1	05-DEC-2008 01:49:29	Bright	46.000	36	50Alp UMa	1.8000	6300.0	92	35370	No
25	GOM_NL__2PRFIN20081205_015104_000000472074_00246_35370_7054.N1	05-DEC-2008 01:51:04	Bright	47.000	82	48Bet UMa	2.3650	10600.	94	35370	No
26	GOM_NL__2PRFIN20081205_015259_000000422074_00246_35370_7055.N1	05-DEC-2008 01:52:59	Bright	41.500	32	77Eps UMa	1.7630	11000.	83	35370	No
27	GOM_NL__2PRFIN20081205_015541_000000582074_00246_35370_7056.N1	05-DEC-2008 01:55:41	Bright	57.500	174	52Psi UMa	3.0040	4400.0	115	35370	No
28	GOM_NL__2PRFIN20081205_015842_000000422074_00246_35370_7057.N1	05-DEC-2008 01:58:42	Bright	41.500	152	12Alp2CVn	2.8900	11000.	83	35370	No
29	GOM_NL__2PRFIN20081205_020902_000000642074_00246_35370_7058.N1	05-DEC-2008 02:09:02	Bright	63.500	62	94Bet Leo	2.1360	9700.0	127	35370	No
30	GOM_NL__2PRFIN20081205_021210_000000512074_00246_35370_7059.N1	05-DEC-2008 02:12:10	Bright	50.500	121	29Gam Vir	2.7400	7200.0	101	35370	No
31	GOM_NL__2PRFIN20081205_021804_000000502074_00246_35370_7060.N1	05-DEC-2008 02:18:04	Dark	50.000	100	4Gam Crv	2.5800	13100.	100	35370	No
32	GOM_NL__2PRFIN20081205_021941_000000522074_00246_35370_7061.N1	05-DEC-2008 02:19:41	Dark	51.500	171	2Eps Crv	3.0010	4250.0	103	35370	No
33	GOM_NL__2PRFIN20081205_022905_000000432074_00247_35371_7073.N1	05-DEC-2008 02:29:05	Dark	43.000	113	Mu Vel	2.6920	5000.0	86	35371	No
34	GOM_NL__2PRFIN20081205_023746_000000522074_00247_35371_7074.N1	05-DEC-2008 02:37:46	Dark	51.500	34	Gam2Vel	1.7930	23000.	103	35371	No
35	GOM_NL__2PRFIN20081205_023940_000000542074_00247_35371_7075.N1	05-DEC-2008 02:39:40	Dark	53.500	70	Zet Pup	2.2460	39000.	107	35371	No
36	GOM_NL__2PRFIN20081205_024255_000000582074_00247_35371_7076.N1	05-DEC-2008 02:42:55	Dark	57.500	117	Pi Pup	2.7060	3800.0	115	35371	No
37	GOM_NL__2PRFIN20081205_024634_000000612074_00247_35371_7077.N1	05-DEC-2008 02:46:34	Dark	60.500	23	21Eps CMa	1.5020	26000.	121	35371	No
38	GOM_NL__2PRFIN20081205_024836_000000412074_00247_35371_7078.N1	05-DEC-2008 02:48:36	Straylight	41.000	179	24Omi2CMa	3.0320	24000.	82	35371	No
39	GOM_NL__2PRFIN20081205_025202_000000632074_00247_35371_7079.N1	05-DEC-2008 02:52:02	Straylight	63.000	47	2Bet CMa	1.9760	28000.	126	35371	No
40	GOM_NL__2PRFIN20081205_025556_000000522074_00247_35371_7080.N1	05-DEC-2008 02:55:56	Straylight	52.000	7	19Bet Ori	0.10000	14000.	104	35371	No
41	GOM_NL__2PRFIN20081205_025840_000000552074_00247_35371_7081.N1	05-DEC-2008 02:58:40	Straylight	55.000	30	46Eps Ori	1.6940	30000.	110	35371	No
42	GOM_NL__2PRFIN20081205_030238_000000292074_00247_35371_7082.N1	05-DEC-2008 03:02:38	Twilight_stray	29.000	14	58Alp Ori	0.87000	3000.0	58	35371	No



43	GOM_NL__2PRFIN20081205_030341_000000592074_00247_35371_7083.N1	05-DEC-2008 03:03:41	Bright	59.000	13	87Alp Tau	0.86700	3800.0	118	35371	No
44	GOM_NL__2PRFIN20081205_030659_000000502074_00247_35371_7084.N1	05-DEC-2008 03:06:59	Bright	50.000	176	23Zet Tau	3.0200	22000.	100	35371	No
45	GOM_NL__2PRFIN20081205_030918_000000452074_00247_35371_7085.N1	05-DEC-2008 03:09:18	Bright	44.500	114	31ot Aur	2.6930	4600.0	89	35371	No
46	GOM_NL__2PRFIN20081205_031337_000000452074_00247_35371_7086.N1	05-DEC-2008 03:13:37	Bright	45.000	6	13Alp Aur	0.080000	3400.0	90	35371	No
47	GOM_NL__2PRFIN20081205_031509_000000472074_00247_35371_7087.N1	05-DEC-2008 03:15:09	Bright	47.000	42	34Bet Aur	1.9000	10200.	94	35371	No
48	GOM_NL__2PRFIN20081205_033005_000000462074_00247_35371_7088.N1	05-DEC-2008 03:30:05	Bright	45.500	36	50Alp UMa	1.8000	6300.0	91	35371	No
49	GOM_NL__2PRFIN20081205_033139_000000492074_00247_35371_7089.N1	05-DEC-2008 03:31:39	Bright	49.000	82	48Bet UMa	2.3650	10600.	98	35371	No
50	GOM_NL__2PRFIN20081205_033335_000000402074_00247_35371_7090.N1	05-DEC-2008 03:33:35	Bright	39.500	32	77Eps UMa	1.7630	11000.	79	35371	No
51	GOM_NL__2PRFIN20081205_033617_000000552074_00247_35371_7091.N1	05-DEC-2008 03:36:17	Bright	54.500	174	52Psi UMa	3.0040	4400.0	109	35371	No
52	GOM_NL__2PRFIN20081205_033918_000000412074_00247_35371_7092.N1	05-DEC-2008 03:39:18	Bright	41.000	152	12Alp2CVn	2.8900	11000.	82	35371	No
53	GOM_NL__2PRFIN20081205_034939_000000642074_00247_35371_7093.N1	05-DEC-2008 03:49:39	Bright	64.000	62	94Bet Leo	2.1360	9700.0	128	35371	No
54	GOM_NL__2PRFIN20081205_035247_000000492074_00247_35371_7094.N1	05-DEC-2008 03:52:47	Bright	49.000	121	29Gam Vir	2.7400	7200.0	98	35371	No
55	GOM_NL__2PRFIN20081205_035841_000000492074_00247_35371_7095.N1	05-DEC-2008 03:58:41	Dark	48.500	100	4Gam Crv	2.5800	13100.	97	35371	No
56	GOM_NL__2PRFIN20081205_040018_000000472074_00247_35371_7096.N1	05-DEC-2008 04:00:18	Dark	47.000	171	2Eps Crv	3.0010	4250.0	94	35371	No
57	GOM_NL__2PRFIN20081205_040942_000000422074_00248_35372_7087.N1	05-DEC-2008 04:09:42	Dark	42.000	113	Mu Vel	2.6920	5000.0	84	35372	No
58	GOM_NL__2PRFIN20081205_041822_000000472074_00248_35372_7088.N1	05-DEC-2008 04:18:22	Dark	47.000	34	Gam2Vel	1.7930	23000.	94	35372	No
59	GOM_NL__2PRFIN20081205_042017_000000522074_00248_35372_7089.N1	05-DEC-2008 04:20:17	Dark	51.500	70	Zet Pup	2.2460	39000.	103	35372	No
60	GOM_NL__2PRFIN20081205_042332_000000612074_00248_35372_7090.N1	05-DEC-2008 04:23:32	Dark	60.500	117	Pi Pup	2.7060	3800.0	121	35372	No
61	GOM_NL__2PRFIN20081205_042711_000000632074_00248_35372_7091.N1	05-DEC-2008 04:27:11	Dark	63.000	23	21Eps CMa	1.5020	26000.	126	35372	No
62	GOM_NL__2PRFIN20081205_042913_000000442074_00248_35372_7092.N1	05-DEC-2008 04:29:13	Straylight	44.000	179	24Omi2CMa	3.0320	24000.	88	35372	No
63	GOM_NL__2PRFIN20081205_043238_000000592074_00248_35372_7093.N1	05-DEC-2008 04:32:38	Straylight	58.500	47	2Bet CMa	1.9760	28000.	117	35372	No
64	GOM_NL__2PRFIN20081205_043632_000000562074_00248_35372_7094.N1	05-DEC-2008 04:36:32	Straylight	56.000	7	19Bet Ori	0.10000	14000.	112	35372	No
65	GOM_NL__2PRFIN20081205_043916_000000552074_00248_35372_7095.N1	05-DEC-2008 04:39:16	Straylight	55.000	30	46Eps Ori	1.6940	30000.	110	35372	No
66	GOM_NL__2PRFIN20081205_044151_000000552074_00248_35372_7096.N1	05-DEC-2008 04:41:51	Tw_i_and_stray	54.500	27	24Gam Ori	1.6360	26000.	109	35372	No
67	GOM_NL__2PRFIN20081205_044416_000000552074_00248_35372_7097.N1	05-DEC-2008 04:44:16	Bright	54.500	13	87Alp Tau	0.86700	3800.0	109	35372	No
68	GOM_NL__2PRFIN20081205_044734_000000502074_00248_35372_7098.N1	05-DEC-2008 04:47:34	Bright	50.000	176	23Zet Tau	3.0200	22000.	100	35372	No
69	GOM_NL__2PRFIN20081205_044954_000000452074_00248_35372_7099.N1	05-DEC-2008 04:49:54	Bright	44.500	114	31ot Aur	2.6930	4600.0	89	35372	No
70	GOM_NL__2PRFIN20081205_045413_000000472074_00248_35372_7100.N1	05-DEC-2008 04:54:13	Bright	47.000	6	13Alp Aur	0.080000	3400.0	94	35372	No
71	GOM_NL__2PRFIN20081205_045544_000000532074_00248_35372_7101.N1	05-DEC-2008 04:55:44	Bright	53.000	42	34Bet Aur	1.9000	10200.	106	35372	No
72	GOM_NL__2PRFIN20081205_051041_000000472074_00248_35372_7102.N1	05-DEC-2008 05:10:41	Bright	47.000	36	50Alp UMa	1.8000	6300.0	94	35372	No
73	GOM_NL__2PRFIN20081205_051215_000000482074_00248_35372_7103.N1	05-DEC-2008 05:12:15	Bright	47.500	82	48Bet UMa	2.3650	10600.	95	35372	No
74	GOM_NL__2PRFIN20081205_051411_000000402074_00248_35372_7104.N1	05-DEC-2008 05:14:11	Bright	39.500	32	77Eps UMa	1.7630	11000.	79	35372	No
75	GOM_NL__2PRFIN20081205_051652_000000532074_00248_35372_7105.N1	05-DEC-2008 05:16:52	Bright	53.000	174	52Psi UMa	3.0040	4400.0	106	35372	No
76	GOM_NL__2PRFIN20081205_051954_000000402074_00248_35372_7106.N1	05-DEC-2008 05:19:54	Bright	39.500	152	12Alp2CVn	2.8900	11000.	79	35372	No
77	GOM_NL__2PRFIN20081205_053015_000000652074_00248_35372_7107.N1	05-DEC-2008 05:30:15	Bright	64.500	62	94Bet Leo	2.1360	9700.0	129	35372	No
78	GOM_NL__2PRFIN20081205_053324_000000512074_00248_35372_7108.N1	05-DEC-2008 05:33:24	Bright	51.000	121	29Gam Vir	2.7400	7200.0	102	35372	No
79	GOM_NL__2PRFIN20081205_053918_000000492074_00248_35372_7109.N1	05-DEC-2008 05:39:18	Dark	49.000	100	4Gam Crv	2.5800	13100.	98	35372	No
80	GOM_NL__2PRFIN20081205_054055_000000522074_00248_35372_7110.N1	05-DEC-2008 05:40:55	Dark	51.500	171	2Eps Crv	3.0010	4250.0	103	35372	No
81	GOM_NL__2PRFIN20081205_055018_000000442074_00249_35373_7101.N1	05-DEC-2008 05:50:18	Dark	43.500	113	Mu Vel	2.6920	5000.0	87	35373	No
82	GOM_NL__2PRFIN20081205_055859_000000482074_00249_35373_7102.N1	05-DEC-2008 05:58:59	Dark	47.500	34	Gam2Vel	1.7930	23000.	95	35373	No
83	GOM_NL__2PRFIN20081205_060054_000000532074_00249_35373_7103.N1	05-DEC-2008 06:00:54	Dark	52.500	70	Zet Pup	2.2460	39000.	105	35373	No
84	GOM_NL__2PRFIN20081205_060409_000000572074_00249_35373_7104.N1	05-DEC-2008 06:04:09	Dark	57.000	117	Pi Pup	2.7060	3800.0	114	35373	No
85	GOM_NL__2PRFIN20081205_060747_000000632074_00249_35373_7105.N1	05-DEC-2008 06:07:47	Dark	63.000	23	21Eps CMa	1.5020	26000.	126	35373	No
86	GOM_NL__2PRFIN20081205_060950_000000442074_00249_35373_7106.N1	05-DEC-2008 06:09:50	Straylight	44.000	179	24Omi2CMa	3.0320	24000.	88	35373	No
87	GOM_NL__2PRFIN20081205_061314_000000632074_00249_35373_7107.N1	05-DEC-2008 06:13:14	Straylight	62.500	47	2Bet CMa	1.9760	28000.	125	35373	No
88	GOM_NL__2PRFIN20081205_061708_000000532074_00249_35373_7108.N1	05-DEC-2008 06:17:08	Straylight	52.500	7	19Bet Ori	0.10000	14000.	105	35373	No
89	GOM_NL__2PRFIN20081205_061951_000000562074_00249_35373_7109.N1	05-DEC-2008 06:19:51	Straylight	56.000	30	46Eps Ori	1.6940	30000.	112	35373	No
90	GOM_NL__2PRFIN20081205_062226_000000562074_00249_35373_7110.N1	05-DEC-2008 06:22:26	Tw_i_and_stray	56.000	27	24Gam Ori	1.6360	26000.	112	35373	No
91	GOM_NL__2PRFIN20081205_062452_000000592074_00249_35373_7111.N1	05-DEC-2008 06:24:52	Bright	59.000	13	87Alp Tau	0.86700	3800.0	118	35373	No
92	GOM_NL__2PRFIN20081205_062809_000000502074_00249_35373_7112.N1	05-DEC-2008 06:28:09	Bright	50.000	176	23Zet Tau	3.0200	22000.	100	35373	No
93	GOM_NL__2PRFIN20081205_063029_000000432074_00249_35373_7113.N1	05-DEC-2008 06:30:29	Bright	42.500	114	31ot Aur	2.6930	4600.0	85	35373	No
94	GOM_NL__2PRFIN20081205_063448_000000442074_00249_35373_7114.N1	05-DEC-2008 06:34:48	Bright	44.000	6	13Alp Aur	0.080000	3400.0	88	35373	No
95	GOM_NL__2PRFIN20081205_063619_000000482074_00249_35373_7115.N1	05-DEC-2008 06:36:19	Bright	48.000	42	34Bet Aur	1.9000	10200.	96	35373	No
96	GOM_NL__2PRFIN20081205_065116_000000452074_00249_35373_7116.N1	05-DEC-2008 06:51:16	Bright	45.000	36	50Alp UMa	1.8000	6300.0	90	35373	No
97	GOM_NL__2PRFIN20081205_065250_000000472074_00249_35373_7117.N1	05-DEC-2008 06:52:50	Bright	46.500	82	48Bet UMa	2.3650	10600.	93	35373	No
98	GOM_NL__2PRFIN20081205_065447_000000412074_00249_35373_7118.N1	05-DEC-2008 06:54:47	Bright	41.000	32	77Eps UMa	1.7630	11000.	82	35373	No
99	GOM_NL__2PRFIN20081205_065728_000000552074_00249_35373_7119.N1	05-DEC-2008 06:57:28	Bright	55.000	174	52Psi UMa	3.0040	4400.0	110	35373	No
100	GOM_NL__2PRFIN20081205_070030_000000412074_00249_35373_7120.N1	05-DEC-2008 07:00:30	Bright	41.000	152	12Alp2CVn	2.8900	11000.	82	35373	No
101	GOM_NL__2PRFIN20081205_071052_000000672074_00249_35373_7121.N1	05-DEC-2008 07:10:52	Bright	66.500	62	94Bet Leo	2.1360	9700.0	133	35373	No

102	GOM_NL__2PRFIN20081205_071400_000000492074_00249_35373_7122.N1	05-DEC-2008 07:14:00	Bright	49.000	121	29Gam Vir	2.7400	7200.0	98	35373	No
103	GOM_NL__2PRFIN20081205_071955_000000482074_00249_35373_7123.N1	05-DEC-2008 07:19:55	Dark	47.500	100	4Gam Crv	2.5800	13100.	95	35373	No
104	GOM_NL__2PRFIN20081205_072132_000000462074_00249_35373_7124.N1	05-DEC-2008 07:21:32	Dark	46.000	171	2Eps Crv	3.0010	4250.0	92	35373	No
105	GOM_NL__2PRFIN20081205_073055_000000442074_00250_35374_7120.N1	05-DEC-2008 07:30:55	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	35374	No
106	GOM_NL__2PRFIN20081205_073936_000000482074_00250_35374_7121.N1	05-DEC-2008 07:39:36	Dark	48.000	34	Gam2Vel	1.7930	23000.	96	35374	No
107	GOM_NL__2PRFIN20081205_074131_000000562074_00250_35374_7122.N1	05-DEC-2008 07:41:31	Dark	56.000	70	Zet Pup	2.2460	39000.	112	35374	No
108	GOM_NL__2PRFIN20081205_074446_000000572074_00250_35374_7123.N1	05-DEC-2008 07:44:46	Dark	56.500	117	Pi Pup	2.7060	3800.0	113	35374	No
109	GOM_NL__2PRFIN20081205_074824_000000622074_00250_35374_7124.N1	05-DEC-2008 07:48:24	Dark	62.000	23	21Eps CMa	1.5020	26000.	124	35374	No
110	GOM_NL__2PRFIN20081205_075026_000000482074_00250_35374_7125.N1	05-DEC-2008 07:50:26	Straylight	48.000	179	24Omi2CMa	3.0320	24000.	96	35374	No
111	GOM_NL__2PRFIN20081205_075350_000000632074_00250_35374_7126.N1	05-DEC-2008 07:53:50	Straylight	62.500	47	2Bet CMa	1.9760	28000.	125	35374	No
112	GOM_NL__2PRFIN20081205_075744_000000552074_00250_35374_7127.N1	05-DEC-2008 07:57:44	Straylight	55.000	7	19Bet Ori	0.10000	14000.	110	35374	No
113	GOM_NL__2PRFIN20081205_080027_000000572074_00250_35374_7128.N1	05-DEC-2008 08:00:27	Straylight	57.000	30	46Eps Ori	1.6940	30000.	114	35374	No
114	GOM_NL__2PRFIN20081205_080302_000000532074_00250_35374_7129.N1	05-DEC-2008 08:03:02	Tw_i_and_stray	52.500	27	24Gam Ori	1.6360	26000.	105	35374	No
115	GOM_NL__2PRFIN20081205_080528_000000592074_00250_35374_7130.N1	05-DEC-2008 08:05:28	Bright	59.000	13	87Alp Tau	0.86700	3800.0	118	35374	No
116	GOM_NL__2PRFIN20081205_080845_000000502074_00250_35374_7131.N1	05-DEC-2008 08:08:45	Bright	50.000	176	23Zet Tau	3.0200	22000.	100	35374	No
117	GOM_NL__2PRFIN20081205_081105_000000452074_00250_35374_7132.N1	05-DEC-2008 08:11:05	Bright	45.000	114	3lot Aur	2.6930	4600.0	90	35374	No
118	GOM_NL__2PRFIN20081205_081523_000000472074_00250_35374_7133.N1	05-DEC-2008 08:15:23	Bright	47.000	6	13Alp Aur	0.080000	3400.0	94	35374	No
119	GOM_NL__2PRFIN20081205_081654_000000472074_00250_35374_7134.N1	05-DEC-2008 08:16:54	Bright	46.500	42	34Bet Aur	1.9000	10200.	93	35374	No
120	GOM_NL__2PRFIN20081205_083152_000000462074_00250_35374_7135.N1	05-DEC-2008 08:31:52	Bright	45.500	36	50Alp UMa	1.8000	6300.0	91	35374	No
121	GOM_NL__2PRFIN20081205_083326_000000482074_00250_35374_7136.N1	05-DEC-2008 08:33:26	Bright	48.000	82	48Bet UMa	2.3650	10600.	96	35374	No
122	GOM_NL__2PRFIN20081205_083523_000000412074_00250_35374_7137.N1	05-DEC-2008 08:35:23	Bright	40.500	32	77Eps UMa	1.7630	11000.	81	35374	No
123	GOM_NL__2PRFIN20081205_083804_000000562074_00250_35374_7138.N1	05-DEC-2008 08:38:04	Bright	55.500	174	52Psi UMa	3.0040	4400.0	111	35374	No
124	GOM_NL__2PRFIN20081205_084106_000000412074_00250_35374_7139.N1	05-DEC-2008 08:41:06	Bright	41.000	152	12Alp2CVn	2.8900	11000.	82	35374	No
125	GOM_NL__2PRFIN20081205_085129_000000682074_00250_35374_7140.N1	05-DEC-2008 08:51:29	Bright	67.500	62	94Bet Leo	2.1360	9700.0	135	35374	No
126	GOM_NL__2PRFIN20081205_085437_000000512074_00250_35374_7141.N1	05-DEC-2008 08:54:37	Bright	50.500	121	29Gam Vir	2.7400	7200.0	101	35374	No
127	GOM_NL__2PRFIN20081205_090032_000000522074_00250_35374_7142.N1	05-DEC-2008 09:00:32	Dark	52.000	100	4Gam Crv	2.5800	13100.	104	35374	No
128	GOM_NL__2PRFIN20081205_090209_000000522074_00250_35374_7143.N1	05-DEC-2008 09:02:09	Dark	51.500	171	2Eps Crv	3.0010	4250.0	103	35374	No
129	GOM_NL__2PRFIN20081205_091132_000000432074_00251_35375_7131.N1	05-DEC-2008 09:11:32	Dark	42.500	113	Mu Vel	2.6920	5000.0	85	35375	No
130	GOM_NL__2PRFIN20081205_092013_000000522074_00251_35375_7132.N1	05-DEC-2008 09:20:13	Dark	51.500	34	Gam2Vel	1.7930	23000.	103	35375	No
131	GOM_NL__2PRFIN20081205_092208_000000542074_00251_35375_7133.N1	05-DEC-2008 09:22:08	Dark	54.000	70	Zet Pup	2.2460	39000.	108	35375	No
132	GOM_NL__2PRFIN20081205_092522_000000532074_00251_35375_7134.N1	05-DEC-2008 09:25:22	Dark	53.000	117	Pi Pup	2.7060	3800.0	106	35375	No
133	GOM_NL__2PRFIN20081205_092900_000000622074_00251_35375_7135.N1	05-DEC-2008 09:29:00	Dark	61.500	23	21Eps CMa	1.5020	26000.	123	35375	No
134	GOM_NL__2PRFIN20081205_093102_000000482074_00251_35375_7136.N1	05-DEC-2008 09:31:02	Straylight	48.000	179	24Omi2CMa	3.0320	24000.	96	35375	No
135	GOM_NL__2PRFIN20081205_093426_000000582074_00251_35375_7137.N1	05-DEC-2008 09:34:26	Straylight	58.000	47	2Bet CMa	1.9760	28000.	116	35375	No
136	GOM_NL__2PRFIN20081205_093820_000000542074_00251_35375_7138.N1	05-DEC-2008 09:38:20	Straylight	54.000	7	19Bet Ori	0.10000	14000.	108	35375	No
137	GOM_NL__2PRFIN20081205_094103_000000562074_00251_35375_7139.N1	05-DEC-2008 09:41:03	Straylight	56.000	30	46Eps Ori	1.6940	30000.	112	35375	No
138	GOM_NL__2PRFIN20081205_094337_000000572074_00251_35375_7140.N1	05-DEC-2008 09:43:37	Tw_i_and_stray	57.000	27	24Gam Ori	1.6360	26000.	114	35375	No
139	GOM_NL__2PRFIN20081205_094603_000000592074_00251_35375_7141.N1	05-DEC-2008 09:46:03	Bright	59.000	13	87Alp Tau	0.86700	3800.0	118	35375	No
140	GOM_NL__2PRFIN20081205_094920_000000502074_00251_35375_7142.N1	05-DEC-2008 09:49:20	Bright	49.500	176	23Zet Tau	3.0200	22000.	99	35375	No
141	GOM_NL__2PRFIN20081205_095140_000000452074_00251_35375_7143.N1	05-DEC-2008 09:51:40	Bright	44.500	114	3lot Aur	2.6930	4600.0	89	35375	No
142	GOM_NL__2PRFIN20081205_095559_000000442074_00251_35375_7144.N1	05-DEC-2008 09:55:59	Bright	43.500	6	13Alp Aur	0.080000	3400.0	87	35375	No
143	GOM_NL__2PRFIN20081205_095729_000000482074_00251_35375_7145.N1	05-DEC-2008 09:57:29	Bright	47.500	42	34Bet Aur	1.9000	10200.	95	35375	No
144	GOM_NL__2PRFIN20081205_101227_000000442074_00251_35375_7146.N1	05-DEC-2008 10:12:27	Bright	43.500	36	50Alp UMa	1.8000	6300.0	87	35375	No
145	GOM_NL__2PRFIN20081205_101401_000000482074_00251_35375_7147.N1	05-DEC-2008 10:14:01	Bright	48.000	82	48Bet UMa	2.3650	10600.	96	35375	No
146	GOM_NL__2PRFIN20081205_101558_000000412074_00251_35375_7148.N1	05-DEC-2008 10:15:58	Bright	41.000	32	77Eps UMa	1.7630	11000.	82	35375	No
147	GOM_NL__2PRFIN20081205_101839_000000562074_00251_35375_7149.N1	05-DEC-2008 10:18:39	Bright	55.500	174	52Psi UMa	3.0040	4400.0	111	35375	No
148	GOM_NL__2PRFIN20081205_102142_000000412074_00251_35375_7150.N1	05-DEC-2008 10:21:42	Bright	40.500	152	12Alp2CVn	2.8900	11000.	81	35375	No
149	GOM_NL__2PRFIN20081205_103206_000000662074_00251_35375_7151.N1	05-DEC-2008 10:32:06	Bright	66.000	62	94Bet Leo	2.1360	9700.0	132	35375	No
150	GOM_NL__2PRFIN20081205_103514_000000502074_00251_35375_7152.N1	05-DEC-2008 10:35:14	Bright	50.000	121	29Gam Vir	2.7400	7200.0	100	35375	No
151	GOM_NL__2PRFIN20081205_104109_000000492074_00251_35375_7153.N1	05-DEC-2008 10:41:09	Dark	49.000	100	4Gam Crv	2.5800	13100.	98	35375	No
152	GOM_NL__2PRFIN20081205_104245_000000522074_00251_35375_7154.N1	05-DEC-2008 10:42:45	Dark	51.500	171	2Eps Crv	3.0010	4250.0	103	35375	No
153	GOM_NL__2PRFIN20081205_105209_000000422074_00252_35376_7154.N1	05-DEC-2008 10:52:09	Dark	41.500	113	Mu Vel	2.6920	5000.0	83	35376	No
154	GOM_NL__2PRFIN20081205_110050_000000462074_00252_35376_7155.N1	05-DEC-2008 11:00:50	Dark	46.000	34	Gam2Vel	1.7930	23000.	92	35376	No
155	GOM_NL__2PRFIN20081205_110245_000000532074_00252_35376_7156.N1	05-DEC-2008 11:02:45	Dark	53.000	70	Zet Pup	2.2460	39000.	106	35376	No
156	GOM_NL__2PRFIN20081205_110559_000000592074_00252_35376_7157.N1	05-DEC-2008 11:05:59	Dark	58.500	117	Pi Pup	2.7060	3800.0	117	35376	No
157	GOM_NL__2PRFIN20081205_110937_000000622074_00252_35376_7158.N1	05-DEC-2008 11:09:37	Dark	61.500	23	21Eps CMa	1.5020	26000.	123	35376	No
158	GOM_NL__2PRFIN20081205_111139_000000522074_00252_35376_7159.N1	05-DEC-2008 11:11:39	Straylight	52.000	179	24Omi2CMa	3.0320	24000.	104	35376	No
159	GOM_NL__2PRFIN20081205_111502_000000602074_00252_35376_7160.N1	05-DEC-2008 11:15:02	Straylight	59.500	47	2Bet CMa	1.9760	28000.	119	35376	No
160	GOM_NL__2PRFIN20081205_111856_000000612074_00252_35376_7161.N1	05-DEC-2008 11:18:56	Straylight	61.000	7	19Bet Ori	0.10000	14000.	122	35376	No

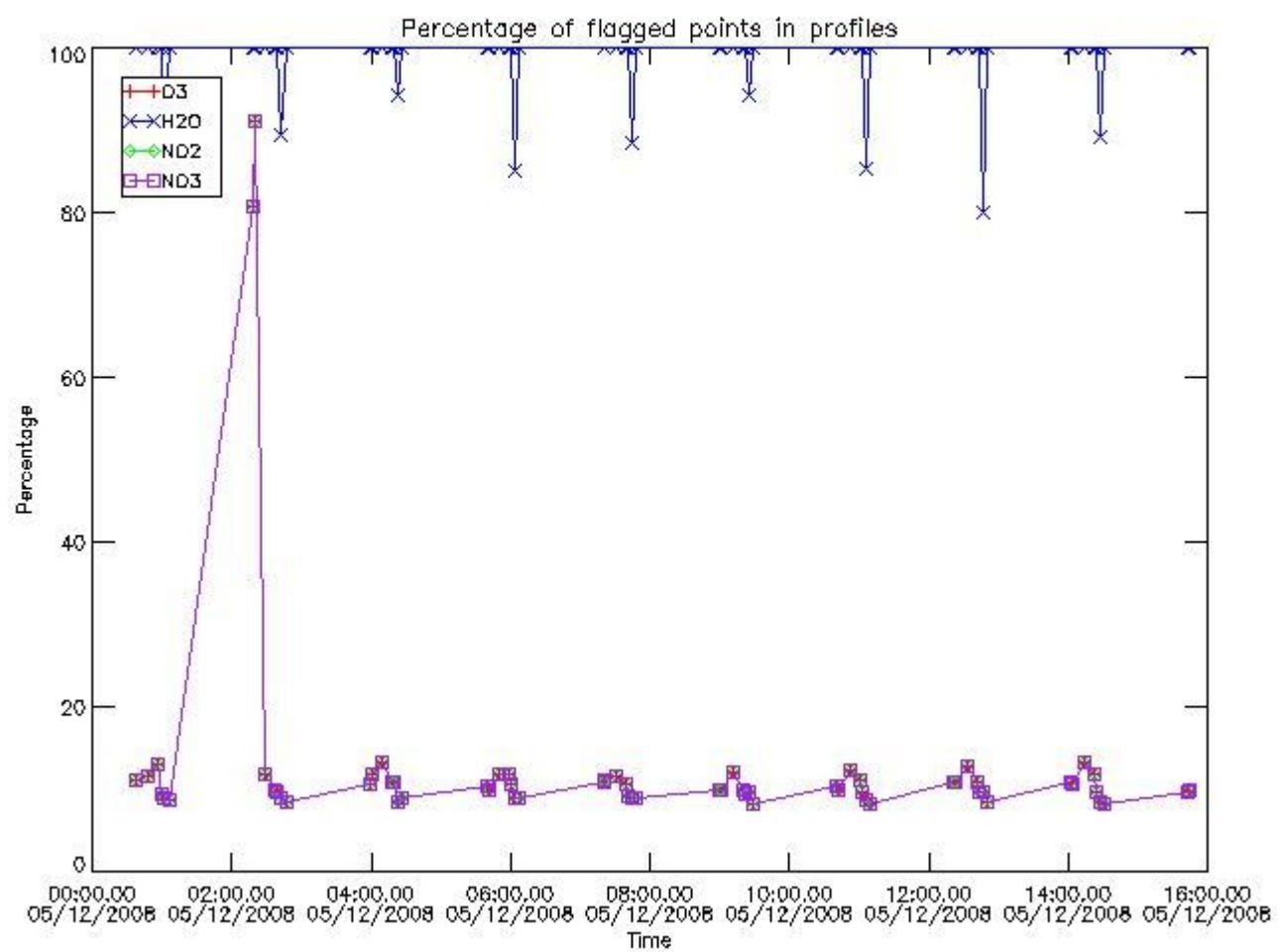
161	GOM_NL__2PRFIN20081205_112138_000000562074_00252_35376_7162.N1	05-DEC-2008 11:21:38	Straylight	56.000	30	46Eps Ori	1.6940	30000.	112	35376	No
162	GOM_NL__2PRFIN20081205_112413_000000572074_00252_35376_7163.N1	05-DEC-2008 11:24:13	Tw_i_and_stray	56.500	27	24Gam Ori	1.6360	26000.	113	35376	No
163	GOM_NL__2PRFIN20081205_112639_000000572074_00252_35376_7164.N1	05-DEC-2008 11:26:39	Bright	57.000	13	87Alp Tau	0.86700	3800.0	114	35376	No
164	GOM_NL__2PRFIN20081205_112955_000000492074_00252_35376_7165.N1	05-DEC-2008 11:29:55	Bright	48.500	176	23Zet Tau	3.0200	22000.	97	35376	No
165	GOM_NL__2PRFIN20081205_113215_000000442074_00252_35376_7166.N1	05-DEC-2008 11:32:15	Bright	43.500	114	3lot Aur	2.6930	4600.0	87	35376	No
166	GOM_NL__2PRFIN20081205_113634_000000492074_00252_35376_7167.N1	05-DEC-2008 11:36:34	Bright	48.500	6	13Alp Aur	0.080000	3400.0	97	35376	No
167	GOM_NL__2PRFIN20081205_113804_000000482074_00252_35376_7168.N1	05-DEC-2008 11:38:04	Bright	48.000	42	34Bet Aur	1.9000	10200.	96	35376	No
168	GOM_NL__2PRFIN20081205_115303_000000462074_00252_35376_7169.N1	05-DEC-2008 11:53:03	Bright	45.500	36	50Alp UMa	1.8000	6300.0	91	35376	No
169	GOM_NL__2PRFIN20081205_115437_000000492074_00252_35376_7170.N1	05-DEC-2008 11:54:37	Bright	49.000	82	48Bet UMa	2.3650	10600.	98	35376	No
170	GOM_NL__2PRFIN20081205_115634_000000402074_00252_35376_7171.N1	05-DEC-2008 11:56:34	Bright	40.000	32	77Eps UMa	1.7630	11000.	80	35376	No
171	GOM_NL__2PRFIN20081205_115915_000000562074_00252_35376_7172.N1	05-DEC-2008 11:59:15	Bright	56.000	174	52Psi UMa	3.0040	4400.0	112	35376	No
172	GOM_NL__2PRFIN20081205_120218_000000402074_00252_35376_7173.N1	05-DEC-2008 12:02:18	Bright	40.000	152	12Alp2CVn	2.8900	11000.	80	35376	No
173	GOM_NL__2PRFIN20081205_121243_000000682074_00252_35376_7174.N1	05-DEC-2008 12:12:43	Bright	67.500	62	94Bet Leo	2.1360	9700.0	135	35376	No
174	GOM_NL__2PRFIN20081205_121550_000000482074_00252_35376_7175.N1	05-DEC-2008 12:15:50	Bright	48.000	121	29Gam Vir	2.7400	7200.0	96	35376	No
175	GOM_NL__2PRFIN20081205_122146_000000472074_00252_35376_7176.N1	05-DEC-2008 12:21:46	Dark	46.500	100	4Gam Crv	2.5800	13100.	93	35376	No
176	GOM_NL__2PRFIN20081205_122322_000000482074_00252_35376_7177.N1	05-DEC-2008 12:23:22	Dark	47.500	171	2Eps Crv	3.0010	4250.0	95	35376	No
177	GOM_NL__2PRFIN20081205_123245_000000442074_00253_35377_7163.N1	05-DEC-2008 12:32:45	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	35377	No
178	GOM_NL__2PRFIN20081205_124126_000000472074_00253_35377_7164.N1	05-DEC-2008 12:41:26	Dark	46.500	34	Gam2Vel	1.7930	23000.	93	35377	No
179	GOM_NL__2PRFIN20081205_124321_000000532074_00253_35377_7165.N1	05-DEC-2008 12:43:21	Dark	53.000	70	Zet Pup	2.2460	39000.	106	35377	No
180	GOM_NL__2PRFIN20081205_124636_000000582074_00253_35377_7166.N1	05-DEC-2008 12:46:36	Dark	58.000	117	Pi Pup	2.7060	3800.0	116	35377	No
181	GOM_NL__2PRFIN20081205_125013_000000612074_00253_35377_7167.N1	05-DEC-2008 12:50:13	Dark	60.500	23	21Eps CMa	1.5020	26000.	121	35377	No
182	GOM_NL__2PRFIN20081205_125215_000000522074_00253_35377_7168.N1	05-DEC-2008 12:52:15	Straylight	51.500	179	24Omi2CMa	3.0320	24000.	103	35377	No
183	GOM_NL__2PRFIN20081205_125538_000000592074_00253_35377_7169.N1	05-DEC-2008 12:55:38	Straylight	58.500	47	2Bet CMa	1.9760	28000.	117	35377	No
184	GOM_NL__2PRFIN20081205_125931_000000552074_00253_35377_7170.N1	05-DEC-2008 12:59:31	Straylight	55.000	7	19Bet Ori	0.10000	14000.	110	35377	No
185	GOM_NL__2PRFIN20081205_130214_000000572074_00253_35377_7171.N1	05-DEC-2008 13:02:14	Straylight	57.000	30	46Eps Ori	1.6940	30000.	114	35377	No
186	GOM_NL__2PRFIN20081205_130448_000000552074_00253_35377_7172.N1	05-DEC-2008 13:04:48	Tw_i_and_stray	54.500	27	24Gam Ori	1.6360	26000.	109	35377	No
187	GOM_NL__2PRFIN20081205_130715_000000592074_00253_35377_7173.N1	05-DEC-2008 13:07:15	Bright	59.000	13	87Alp Tau	0.86700	3800.0	118	35377	No
188	GOM_NL__2PRFIN20081205_131030_000000512074_00253_35377_7174.N1	05-DEC-2008 13:10:30	Bright	51.000	176	23Zet Tau	3.0200	22000.	102	35377	No
189	GOM_NL__2PRFIN20081205_131251_000000442074_00253_35377_7175.N1	05-DEC-2008 13:12:51	Bright	43.500	114	3lot Aur	2.6930	4600.0	87	35377	No
190	GOM_NL__2PRFIN20081205_131709_000000442074_00253_35377_7176.N1	05-DEC-2008 13:17:09	Bright	44.000	6	13Alp Aur	0.080000	3400.0	88	35377	No
191	GOM_NL__2PRFIN20081205_131839_000000492074_00253_35377_7177.N1	05-DEC-2008 13:18:39	Bright	48.500	42	34Bet Aur	1.9000	10200.	97	35377	No
192	GOM_NL__2PRFIN20081205_133338_000000452074_00253_35377_7178.N1	05-DEC-2008 13:33:38	Bright	44.500	36	50Alp UMa	1.8000	6300.0	89	35377	No
193	GOM_NL__2PRFIN20081205_133512_000000702074_00253_35377_7179.N1	05-DEC-2008 13:35:12	Bright	70.000	82	48Bet UMa	2.3650	10600.	140	35377	No
194	GOM_NL__2PRFIN20081205_133710_000000402074_00253_35377_7180.N1	05-DEC-2008 13:37:10	Bright	39.500	32	77Eps UMa	1.7630	11000.	79	35377	No
195	GOM_NL__2PRFIN20081205_133950_000000592074_00253_35377_7181.N1	05-DEC-2008 13:39:50	Bright	59.000	174	52Psi UMa	3.0040	4400.0	118	35377	No
196	GOM_NL__2PRFIN20081205_134254_000000392074_00253_35377_7182.N1	05-DEC-2008 13:42:54	Bright	39.000	152	12Alp2CVn	2.8900	11000.	78	35377	No
197	GOM_NL__2PRFIN20081205_135320_000000652074_00253_35377_7183.N1	05-DEC-2008 13:53:20	Bright	64.500	62	94Bet Leo	2.1360	9700.0	129	35377	No
198	GOM_NL__2PRFIN20081205_135627_000000492074_00253_35377_7184.N1	05-DEC-2008 13:56:27	Bright	48.500	121	29Gam Vir	2.7400	7200.0	97	35377	No
199	GOM_NL__2PRFIN20081205_140223_000000472074_00253_35377_7185.N1	05-DEC-2008 14:02:23	Dark	47.000	100	4Gam Crv	2.5800	13100.	94	35377	No
200	GOM_NL__2PRFIN20081205_140359_000000482074_00253_35377_7186.N1	05-DEC-2008 14:03:59	Dark	48.000	171	2Eps Crv	3.0010	4250.0	96	35377	No
201	GOM_NL__2PRFIN20081205_141322_000000432074_00254_35378_7177.N1	05-DEC-2008 14:13:22	Dark	42.500	113	Mu Vel	2.6920	5000.0	85	35378	No
202	GOM_NL__2PRFIN20081205_142203_000000482074_00254_35378_7178.N1	05-DEC-2008 14:22:03	Dark	47.500	34	Gam2Vel	1.7930	23000.	95	35378	No
203	GOM_NL__2PRFIN20081205_142358_000000532074_00254_35378_7179.N1	05-DEC-2008 14:23:58	Dark	53.000	70	Zet Pup	2.2460	39000.	106	35378	No
204	GOM_NL__2PRFIN20081205_142712_000000612074_00254_35378_7180.N1	05-DEC-2008 14:27:12	Dark	60.500	117	Pi Pup	2.7060	3800.0	121	35378	No
205	GOM_NL__2PRFIN20081205_143050_000000632074_00254_35378_7181.N1	05-DEC-2008 14:30:50	Dark	62.500	23	21Eps CMa	1.5020	26000.	125	35378	No
206	GOM_NL__2PRFIN20081205_143252_000000562074_00254_35378_7182.N1	05-DEC-2008 14:32:52	Straylight	55.500	179	24Omi2CMa	3.0320	24000.	111	35378	No
207	GOM_NL__2PRFIN20081205_143614_000000582074_00254_35378_7183.N1	05-DEC-2008 14:36:14	Straylight	58.000	47	2Bet CMa	1.9760	28000.	116	35378	No
208	GOM_NL__2PRFIN20081205_144007_000000532074_00254_35378_7184.N1	05-DEC-2008 14:40:07	Straylight	52.500	7	19Bet Ori	0.10000	14000.	105	35378	No
209	GOM_NL__2PRFIN20081205_144249_000000572074_00254_35378_7185.N1	05-DEC-2008 14:42:49	Straylight	56.500	30	46Eps Ori	1.6940	30000.	113	35378	No
210	GOM_NL__2PRFIN20081205_144524_000000552074_00254_35378_7186.N1	05-DEC-2008 14:45:24	Tw_i_and_stray	55.000	27	24Gam Ori	1.6360	26000.	110	35378	No
211	GOM_NL__2PRFIN20081205_144751_000000592074_00254_35378_7187.N1	05-DEC-2008 14:47:51	Bright	59.000	13	87Alp Tau	0.86700	3800.0	118	35378	No
212	GOM_NL__2PRFIN20081205_145105_000000502074_00254_35378_7188.N1	05-DEC-2008 14:51:05	Bright	49.500	176	23Zet Tau	3.0200	22000.	99	35378	No
213	GOM_NL__2PRFIN20081205_145326_000000432074_00254_35378_7189.N1	05-DEC-2008 14:53:26	Bright	42.500	114	3lot Aur	2.6930	4600.0	85	35378	No
214	GOM_NL__2PRFIN20081205_145745_000000472074_00254_35378_7190.N1	05-DEC-2008 14:57:45	Bright	47.000	6	13Alp Aur	0.080000	3400.0	94	35378	No
215	GOM_NL__2PRFIN20081205_145915_000000482074_00254_35378_7191.N1	05-DEC-2008 14:59:15	Bright	47.500	42	34Bet Aur	1.9000	10200.	95	35378	No
216	GOM_NL__2PRFIN20081205_151414_000000452074_00254_35378_7192.N1	05-DEC-2008 15:14:14	Bright	45.000	36	50Alp UMa	1.8000	6300.0	90	35378	No
217	GOM_NL__2PRFIN20081205_151548_000000462074_00254_35378_7193.N1	05-DEC-2008 15:15:48	Bright	46.000	82	48Bet UMa	2.3650	10600.	92	35378	No
218	GOM_NL__2PRFIN20081205_151746_000000412074_00254_35378_7194.N1	05-DEC-2008 15:17:46	Bright	40.500	32	77Eps UMa	1.7630	11000.	81	35378	No
219	GOM_NL__2PRFIN20081205_152026_000000552074_00254_35378_7195.N1	05-DEC-2008 15:20:26	Bright	54.500	174	52Psi UMa	3.0040	4400.0	109	35378	No

220	GOM_NL__2PRFIN20081205_152330_000000402074_00254_35378_7196.N1	05-DEC-2008 15:23:30	Bright	40.000	152	12Alp2CVn	2.8900	11000.	80	35378	No
221	GOM_NL__2PRFIN20081205_153356_000000642074_00254_35378_7197.N1	05-DEC-2008 15:33:56	Bright	64.000	62	94Bet Leo	2.1360	9700.0	128	35378	No
222	GOM_NL__2PRFIN20081205_153703_000000492074_00254_35378_7198.N1	05-DEC-2008 15:37:03	Bright	49.000	121	29Gam Vir	2.7400	7200.0	98	35378	No
223	GOM_NL__2PRFIN20081205_154300_000000532074_00254_35378_7199.N1	05-DEC-2008 15:43:00	Dark	52.500	100	4Gam Crv	2.5800	13100.	105	35378	No
224	GOM_NL__2PRFIN20081205_154436_000000512074_00254_35378_7200.N1	05-DEC-2008 15:44:36	Dark	51.000	171	2Eps Crv	3.0010	4250.0	102	35378	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.

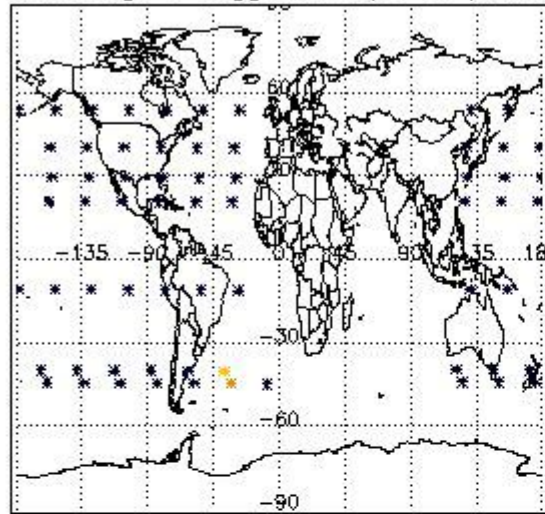
#### 3.1 Plot quality information per product (time dependant)



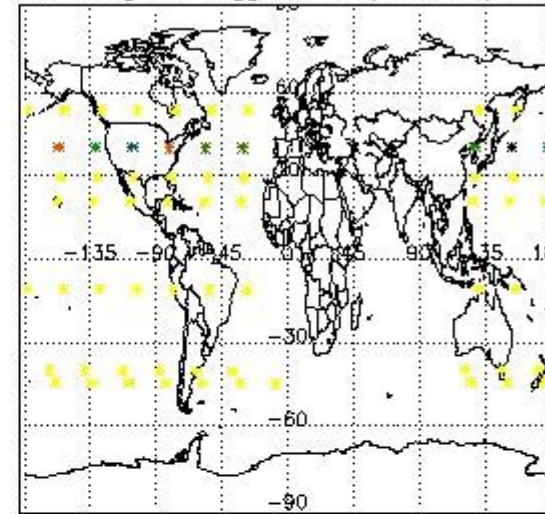
#### 3.2 Plot quality information per product (world map)



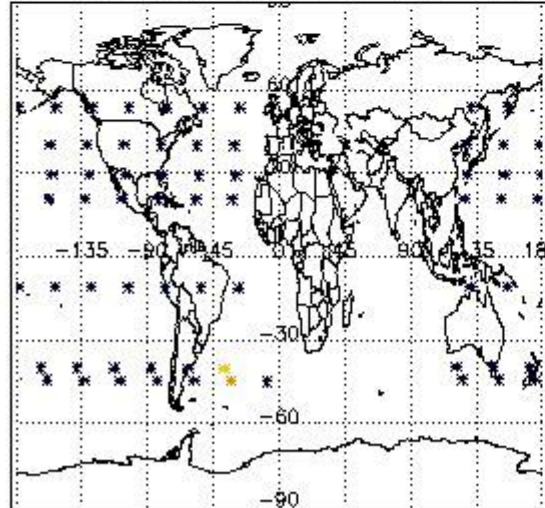
Percentage of flagged data per O3 profile



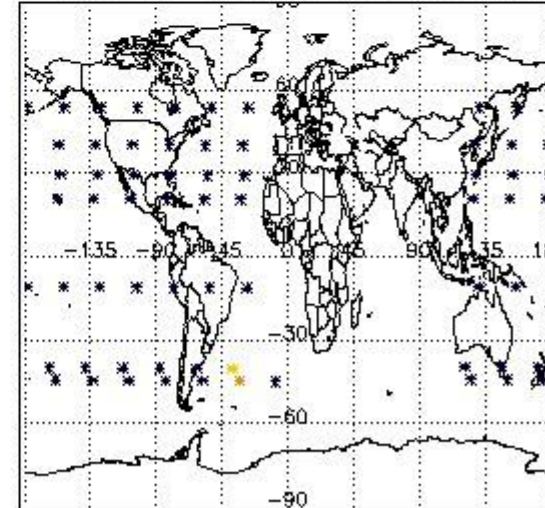
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

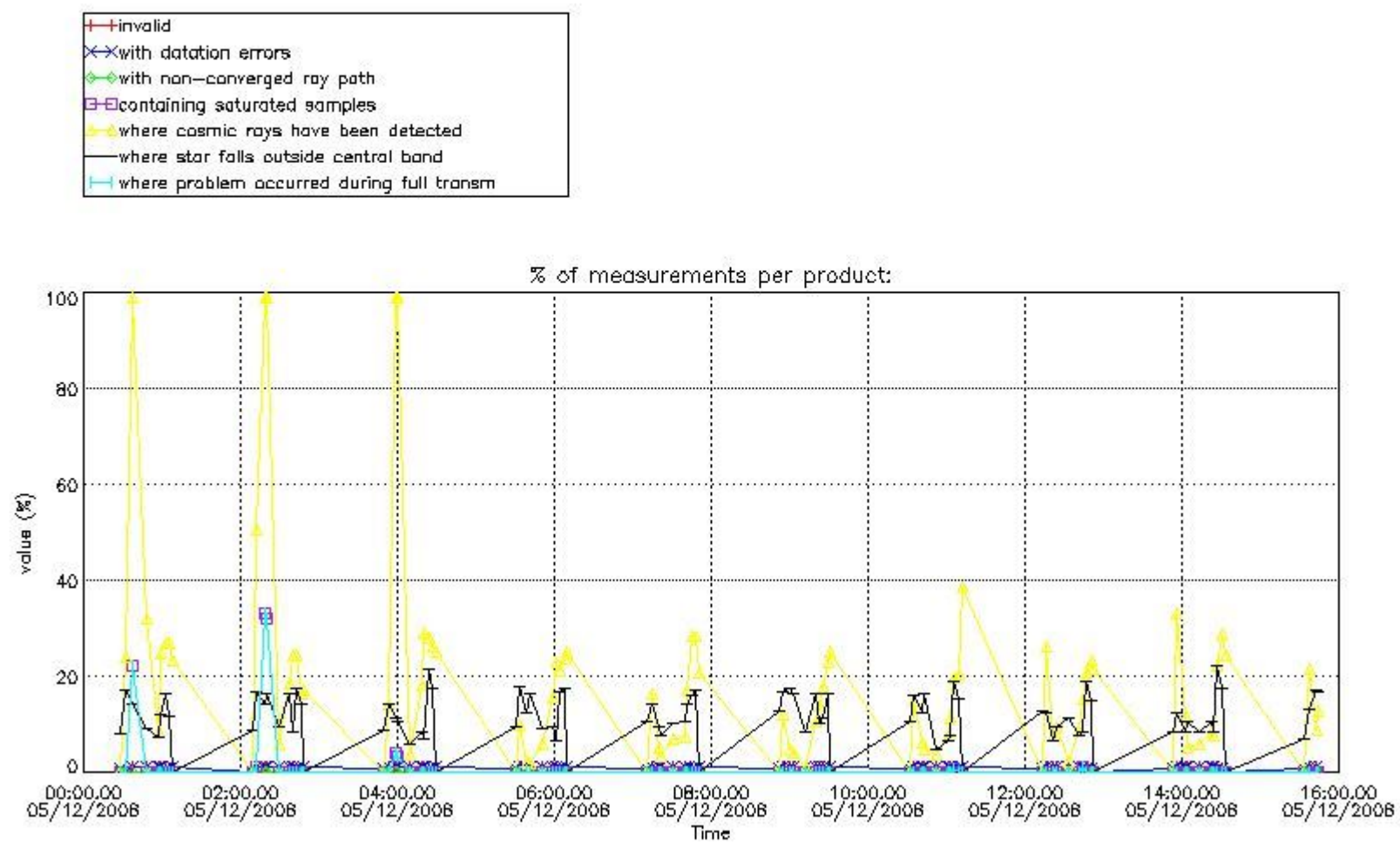


#### 4. Level 1 quality information per product

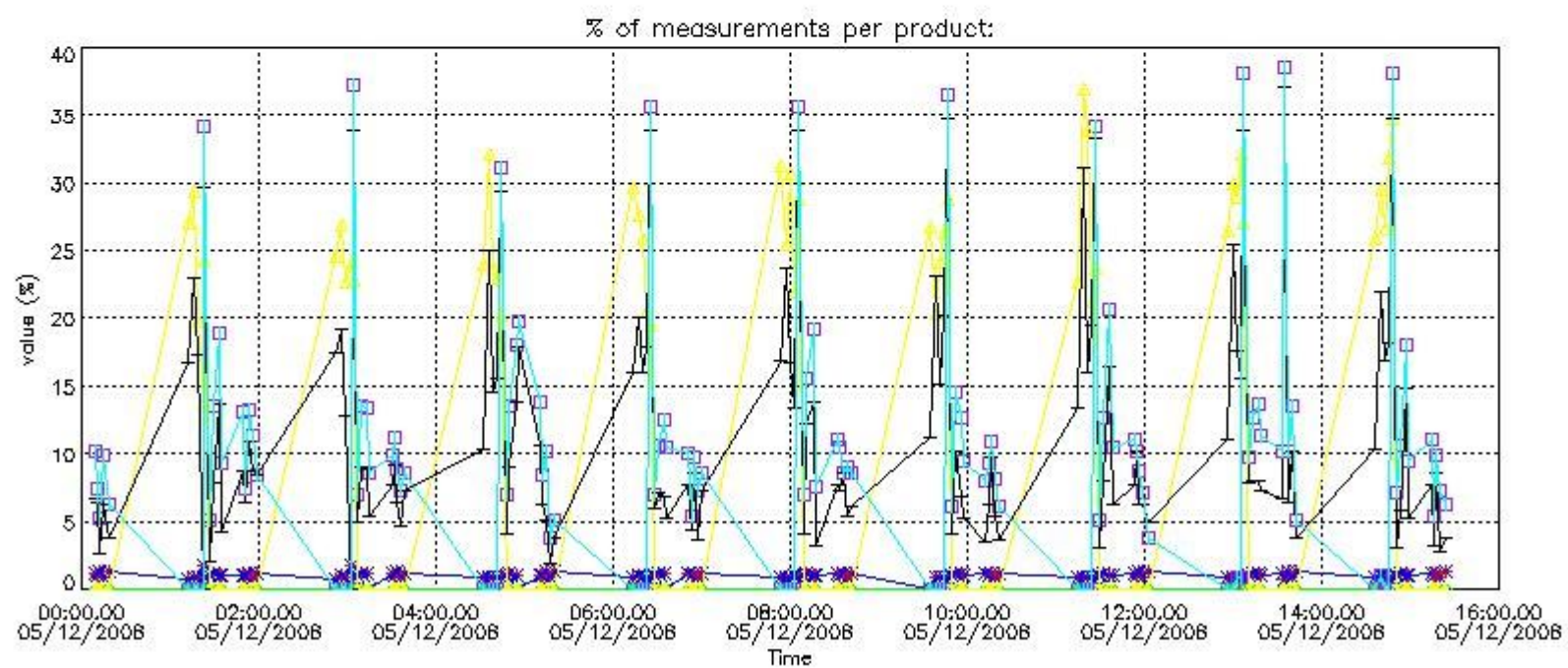
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

##### 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

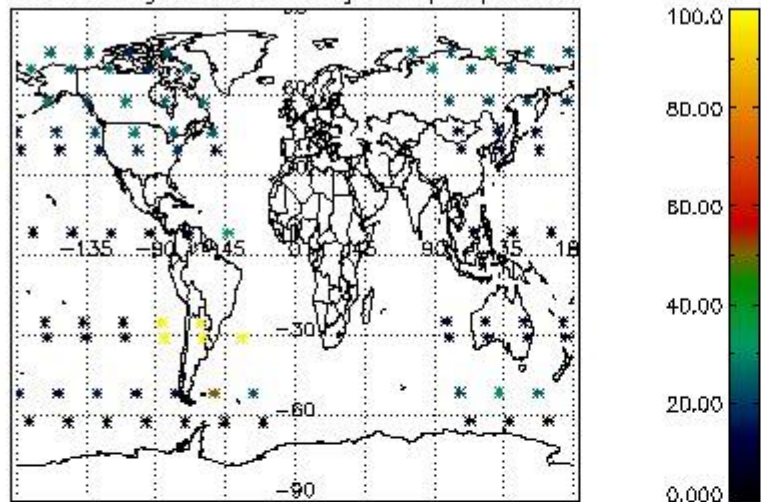


4.2 Plot quality information per product coming from level 1b processing (world map)

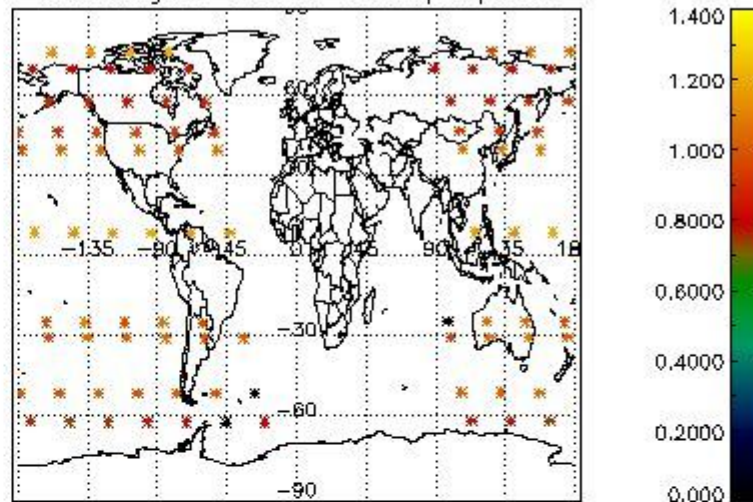
4.2.1 Plot level 1 quality information per product (world map): ENVI SAT ASCENDING passes



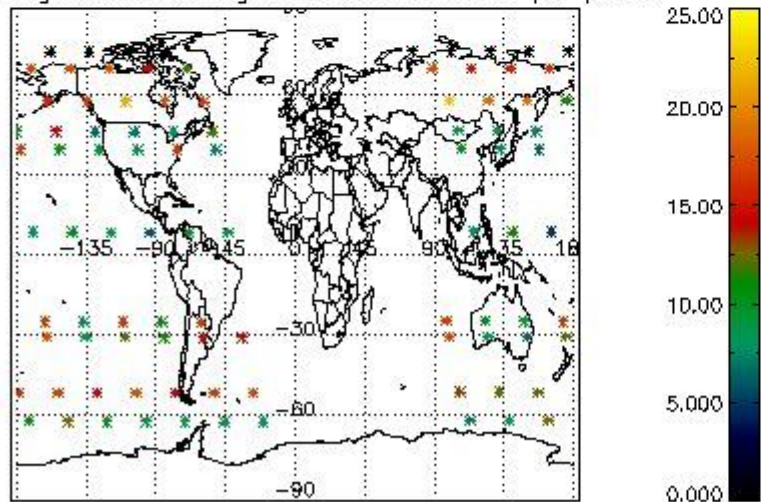
Percentage of cosmic ray hits per profile



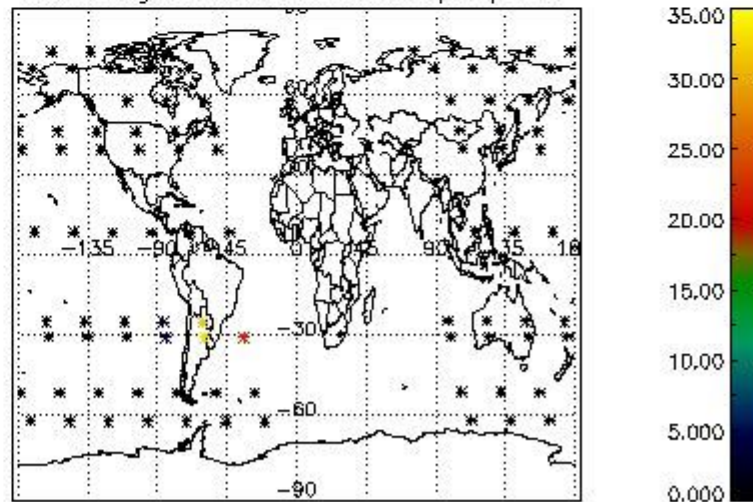
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

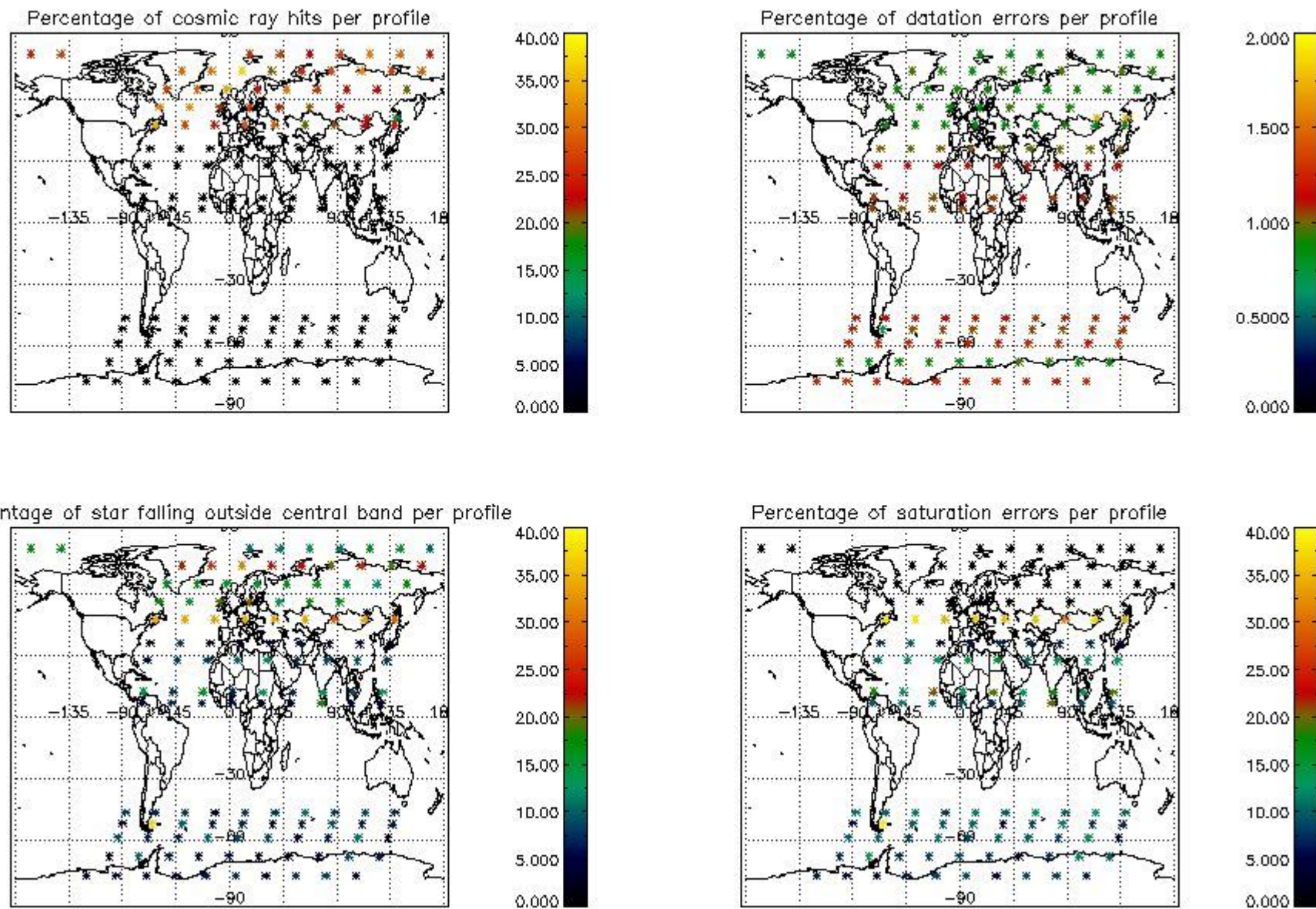


Percentage of saturation errors per profile



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

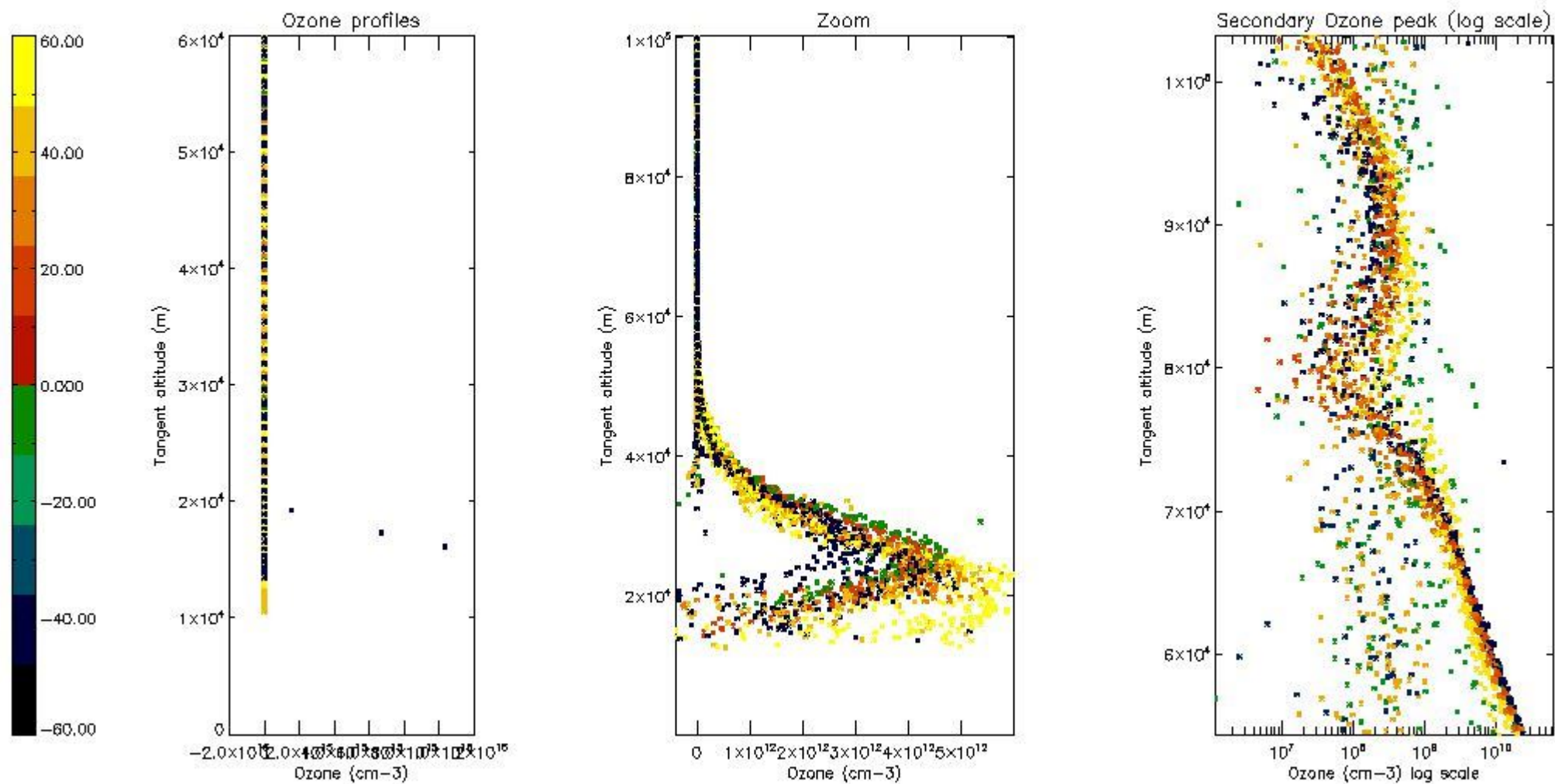
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	29
STD < 20	15

STD < 10	12
STD < 5	9

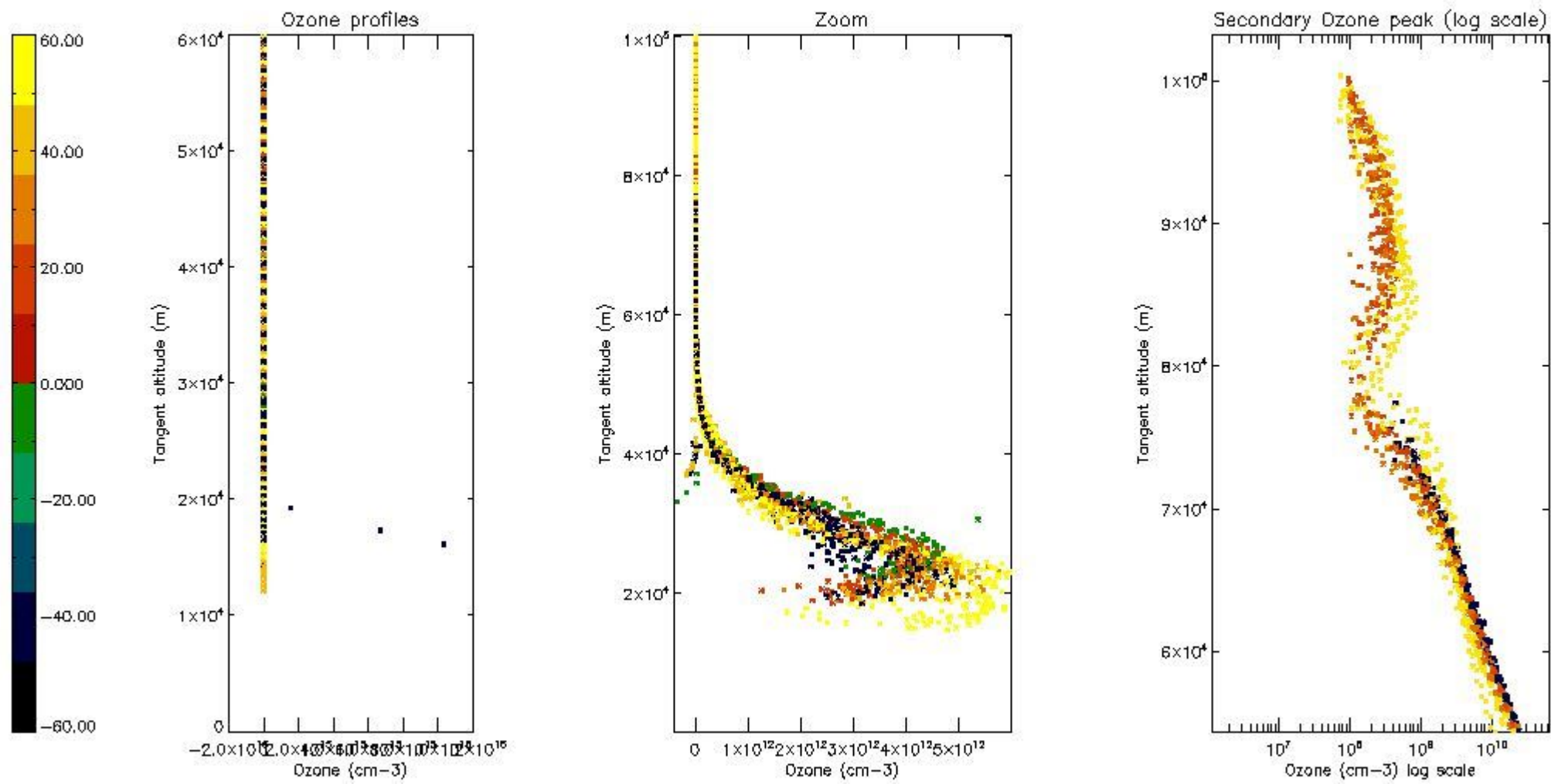
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

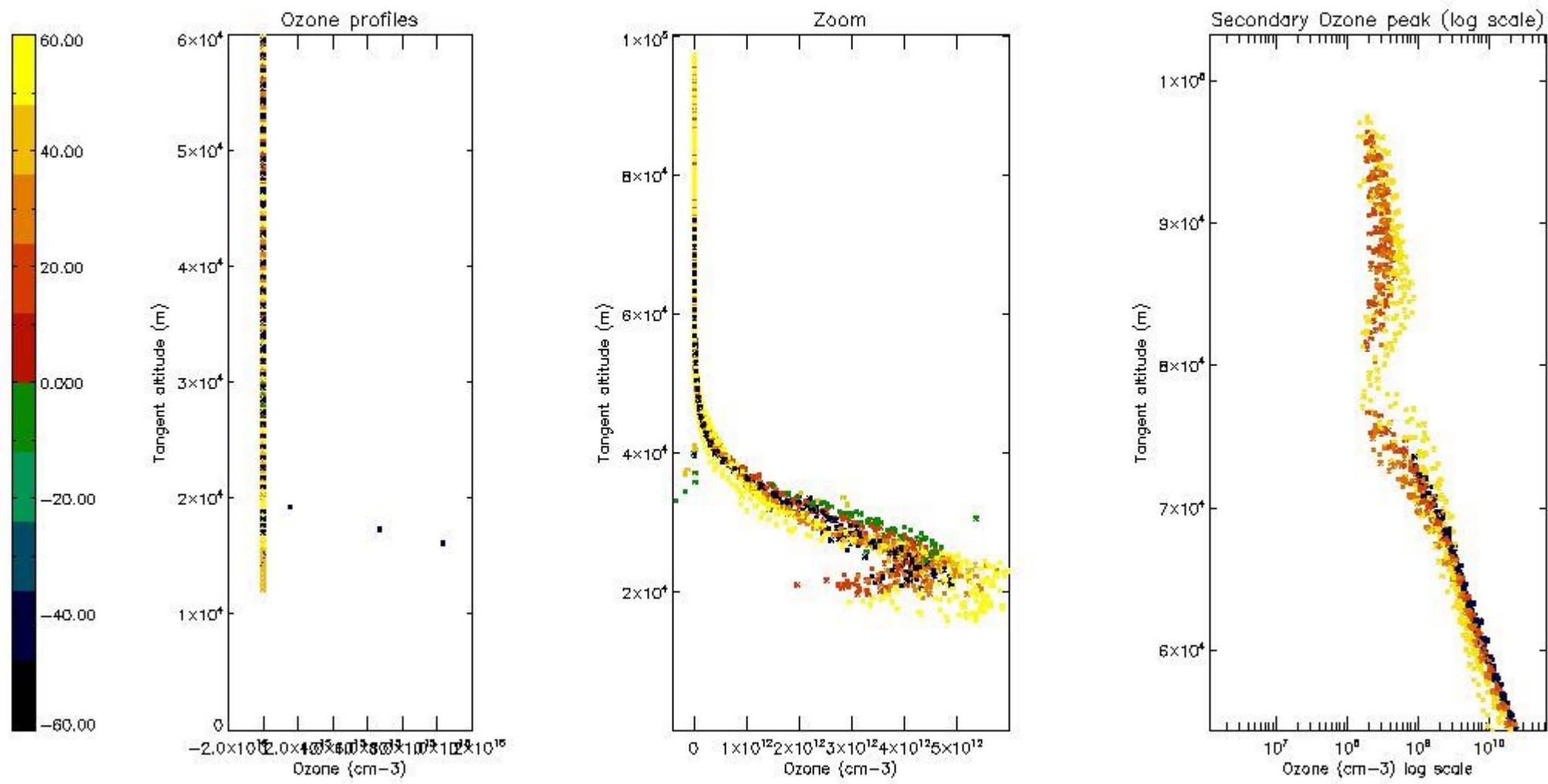
The colorbar represents the latitude.



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

The colorbar represents the latitude.

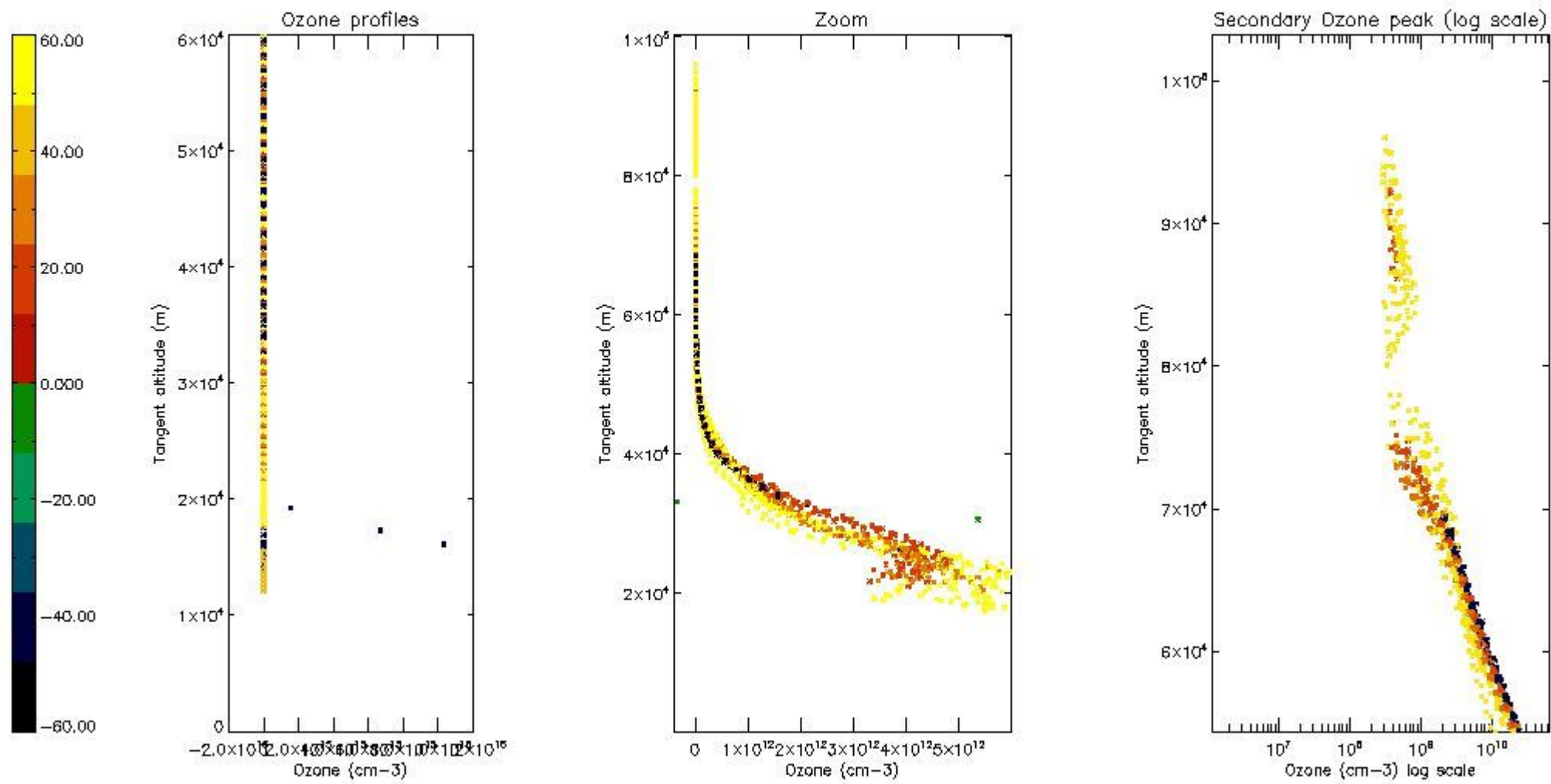




*5.5 Plot ozone profiles where  $STD < 5\%$  (dark without errors)*

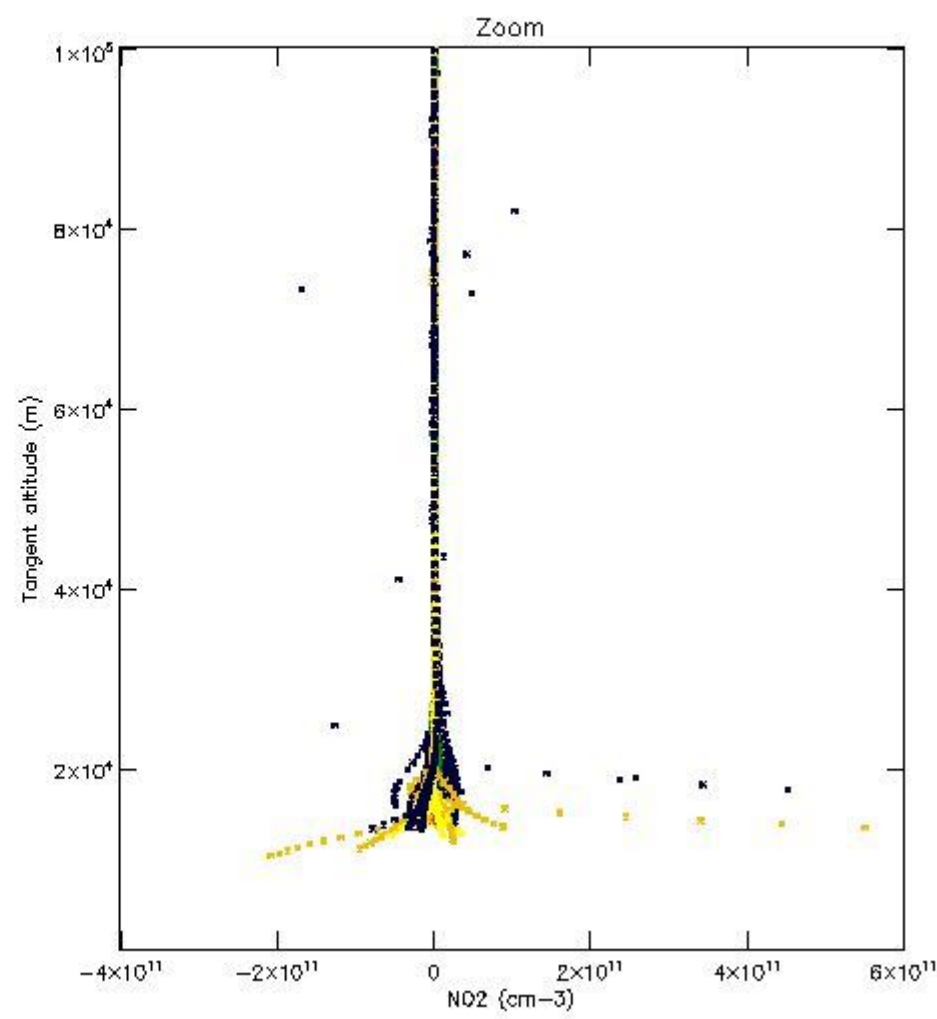
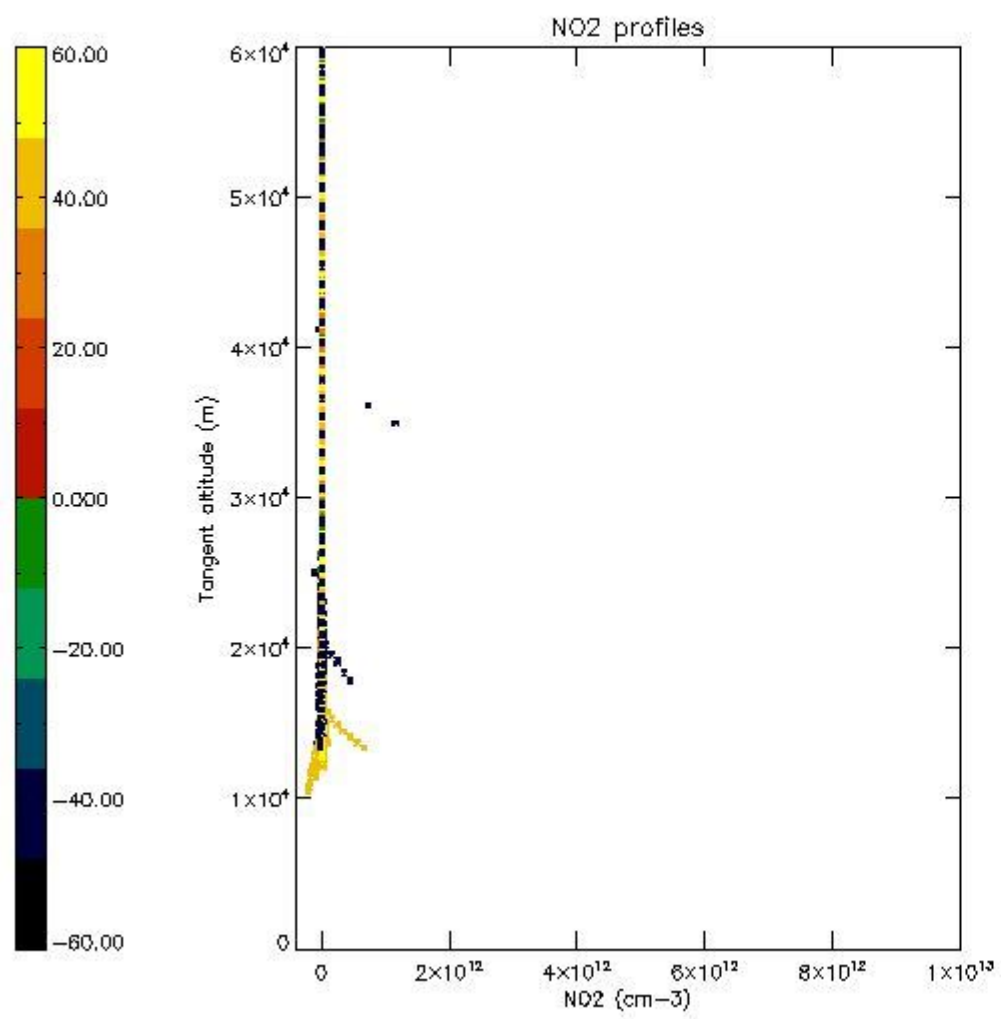
The colorbar represents the latitude.





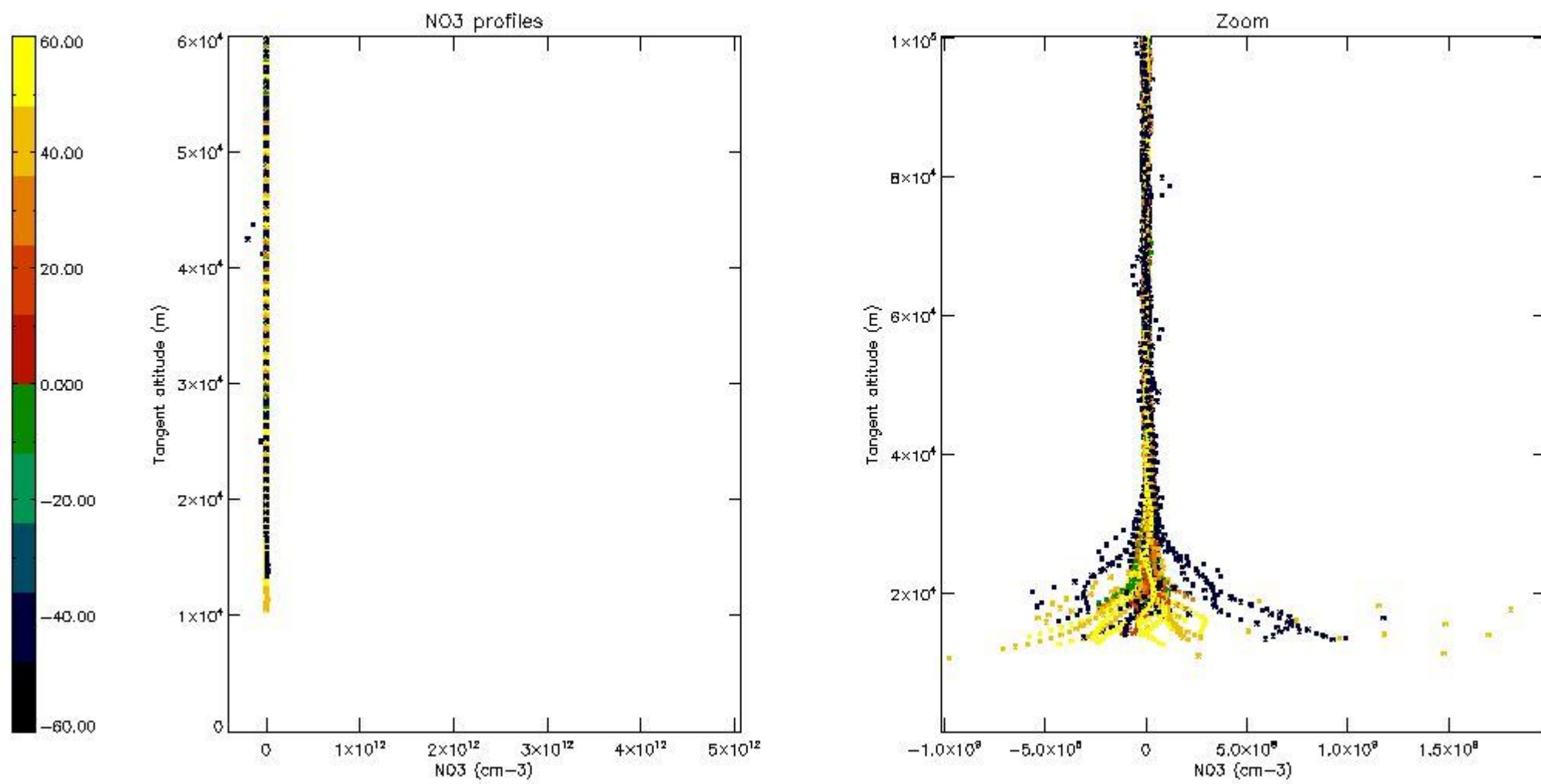
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



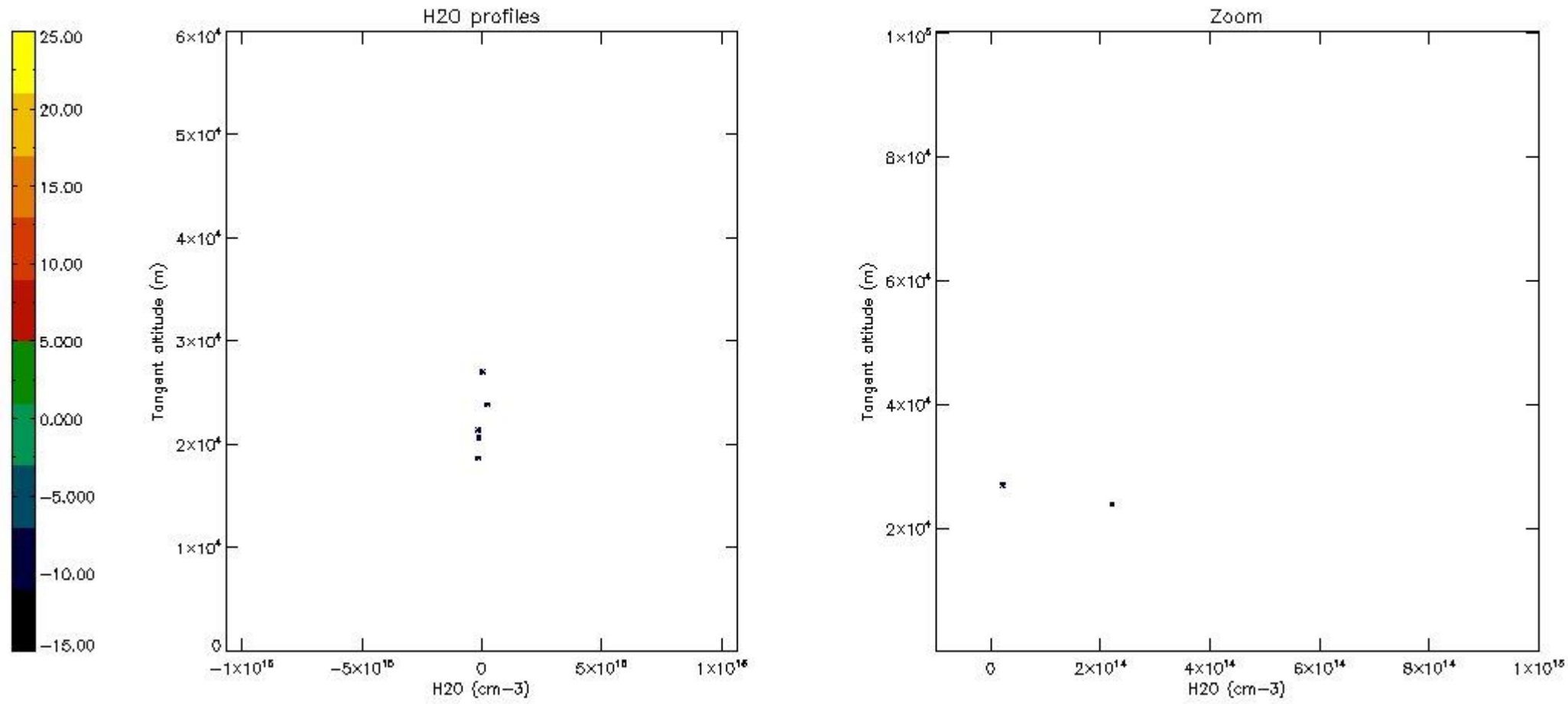
*5.7 Plot NO3 profiles for all STD (dark without errors)*

The colorbar represents the latitude.



5.8 Plot H<sub>2</sub>O 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.

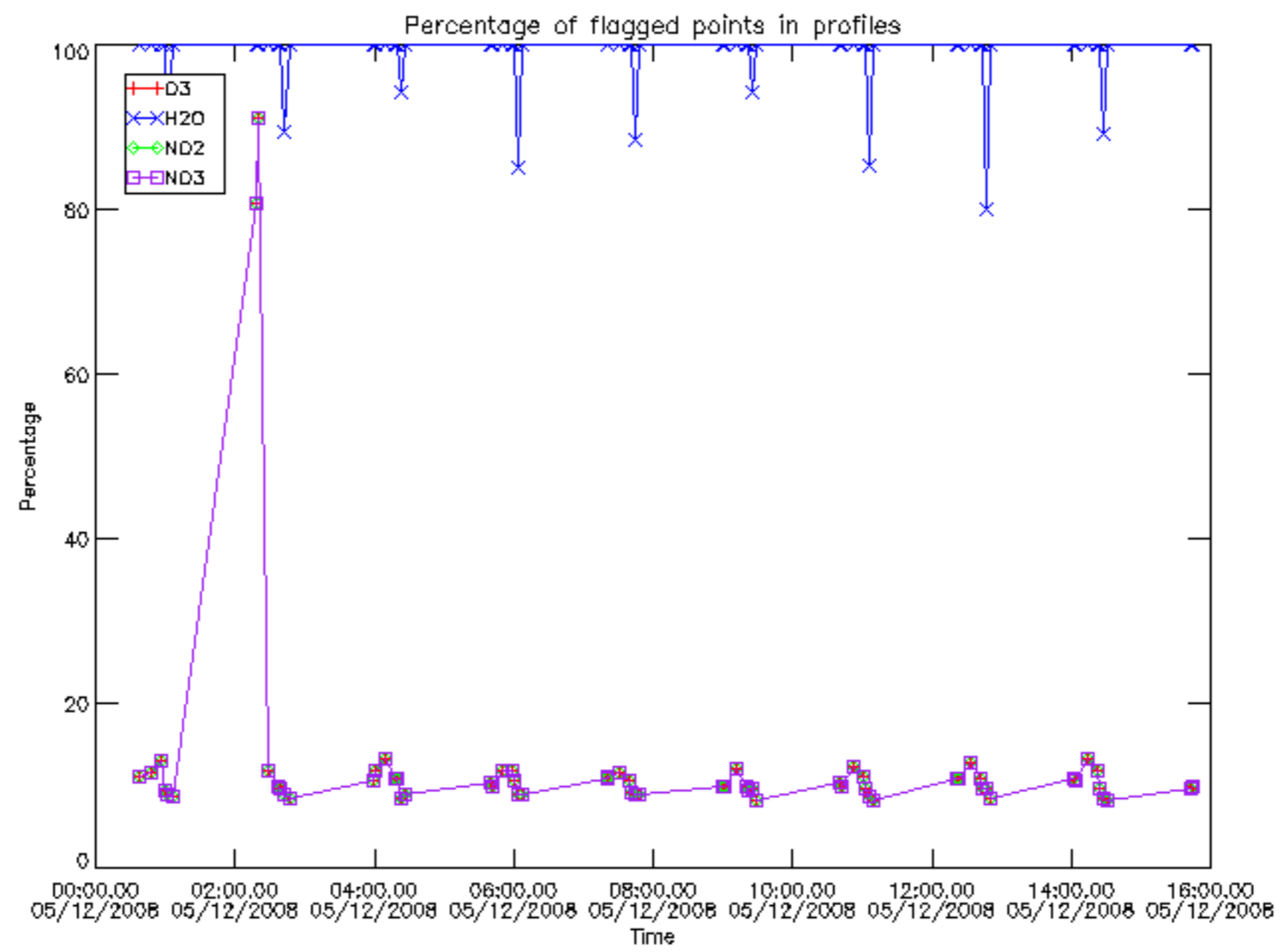


## 6. Auxiliary Data Files used for the production reported in section 2

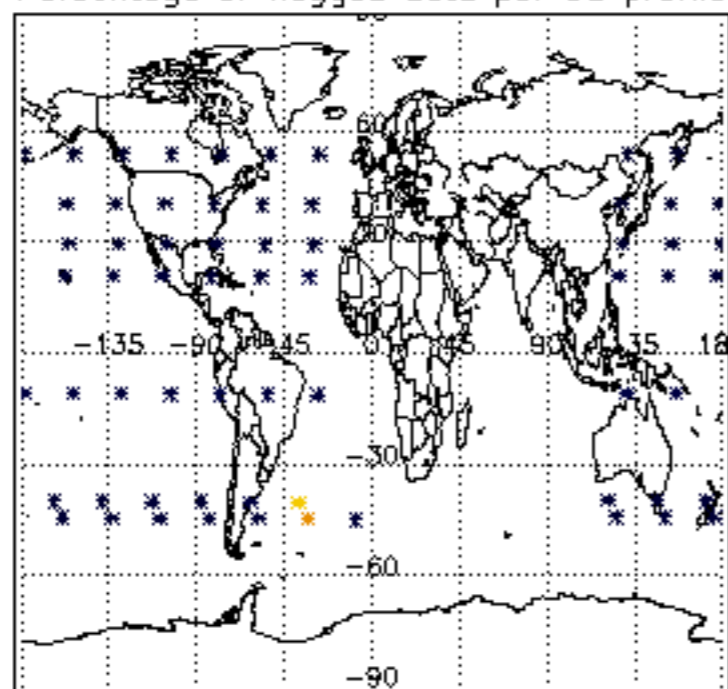
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	05-DEC-2008 00:08:54
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	05-DEC-2008 00:08:54
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	05-DEC-2008 00:08:54

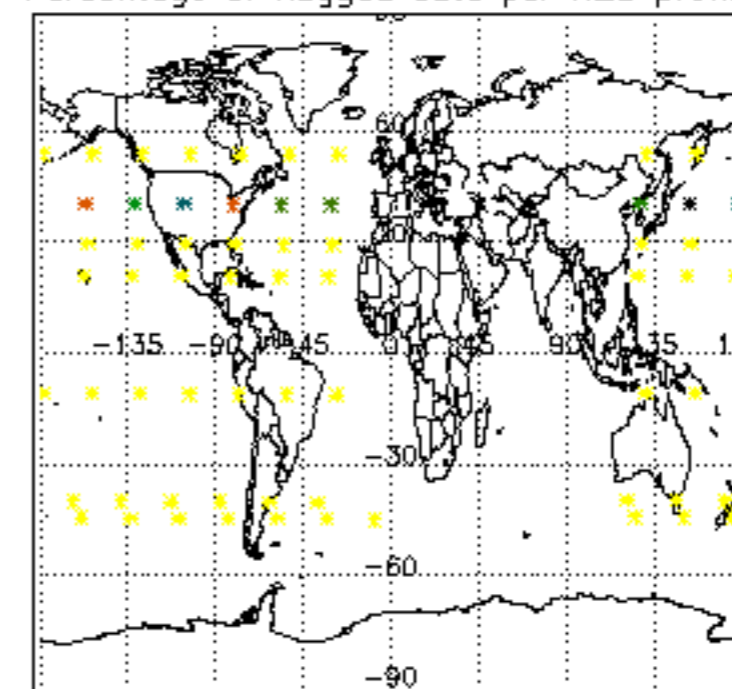




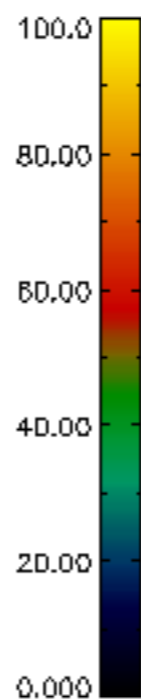
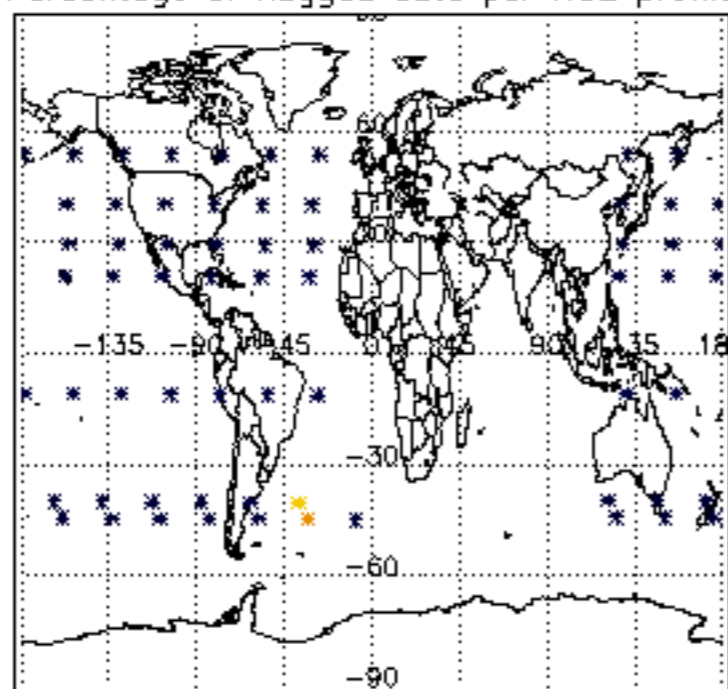
Percentage of flagged data per D3 profile



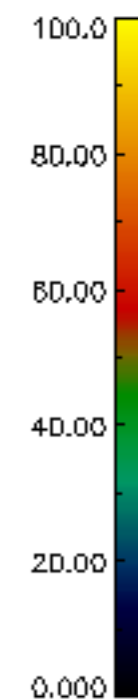
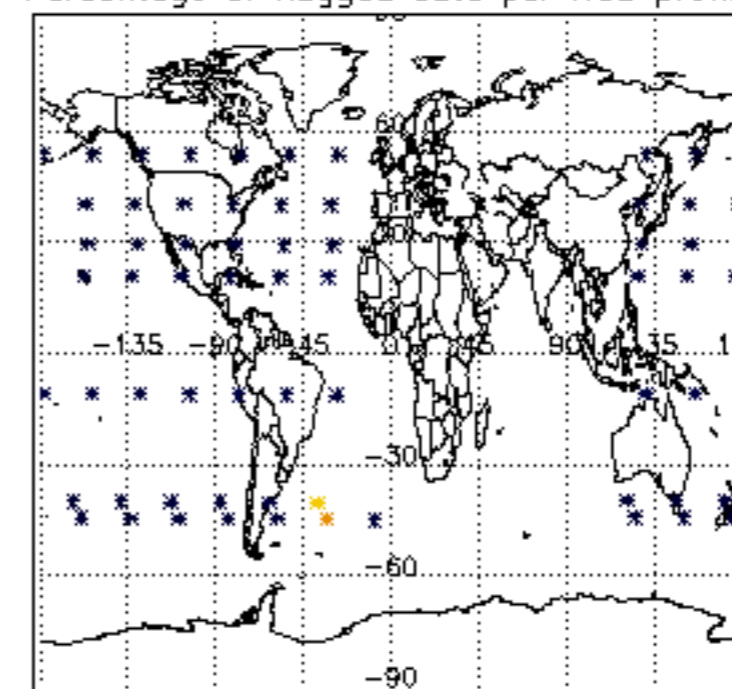
Percentage of flagged data per H2O profile

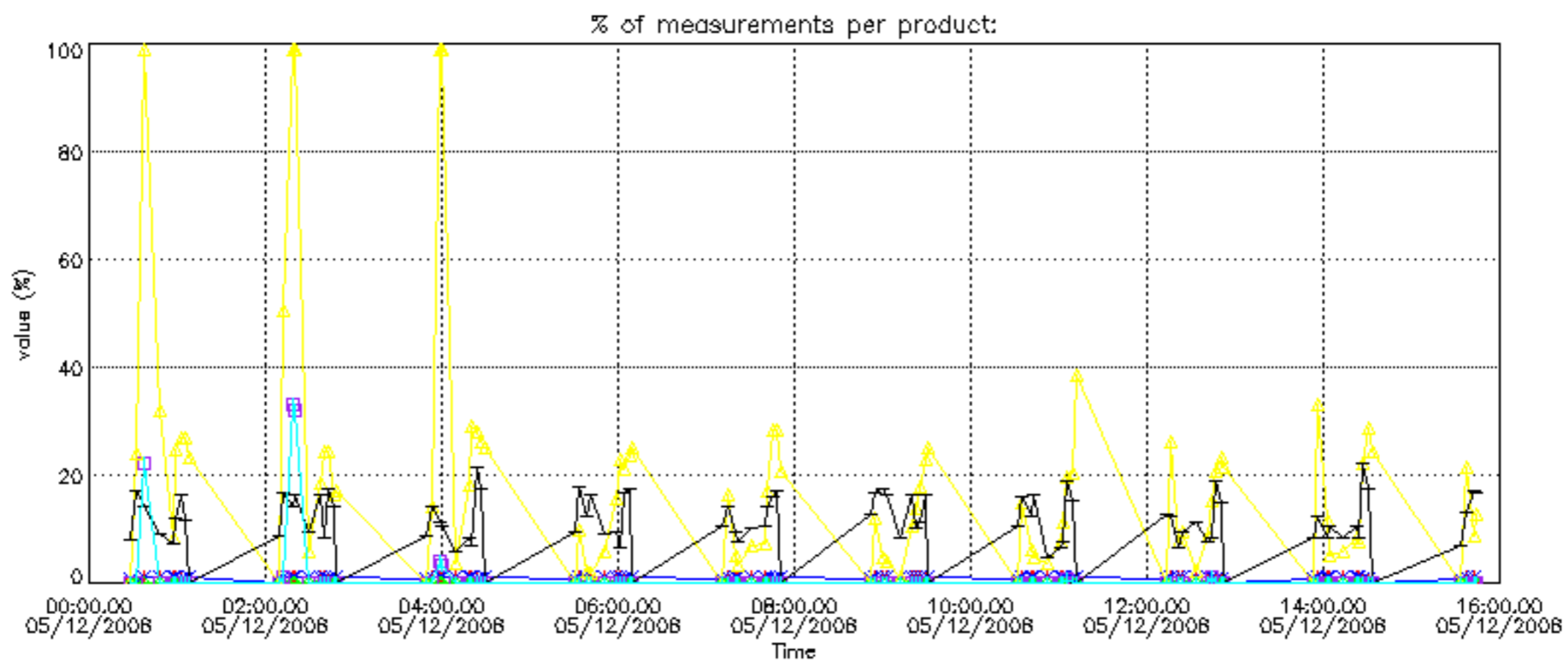


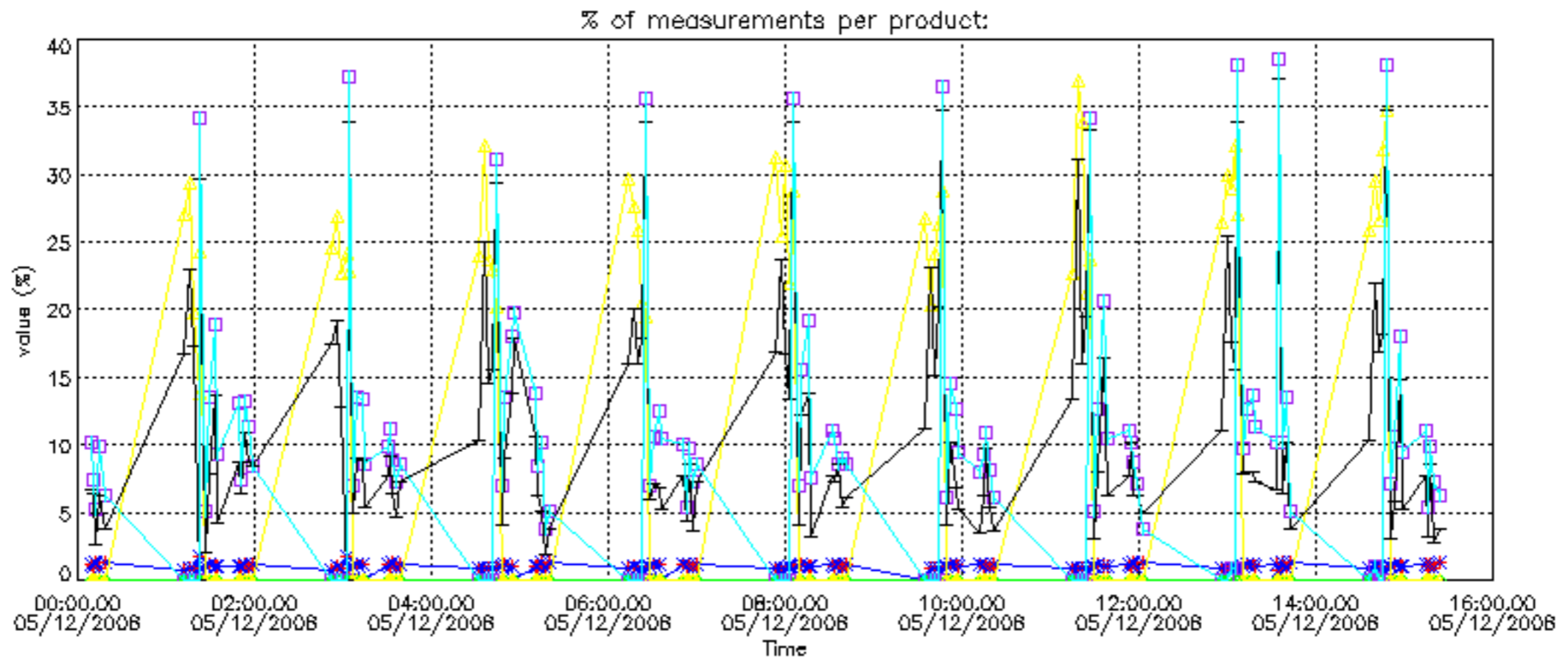
Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

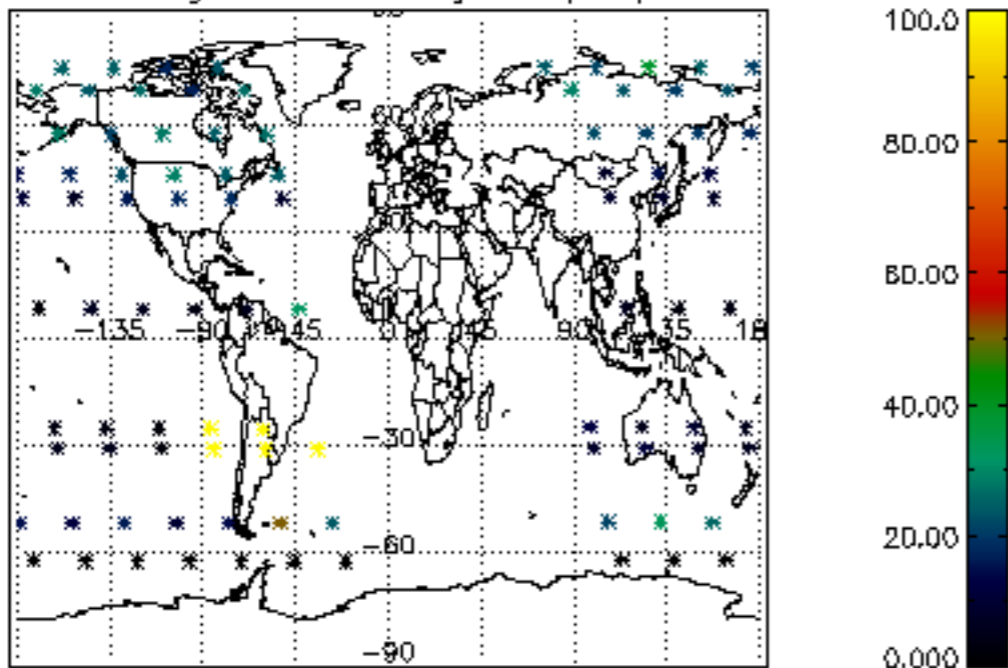




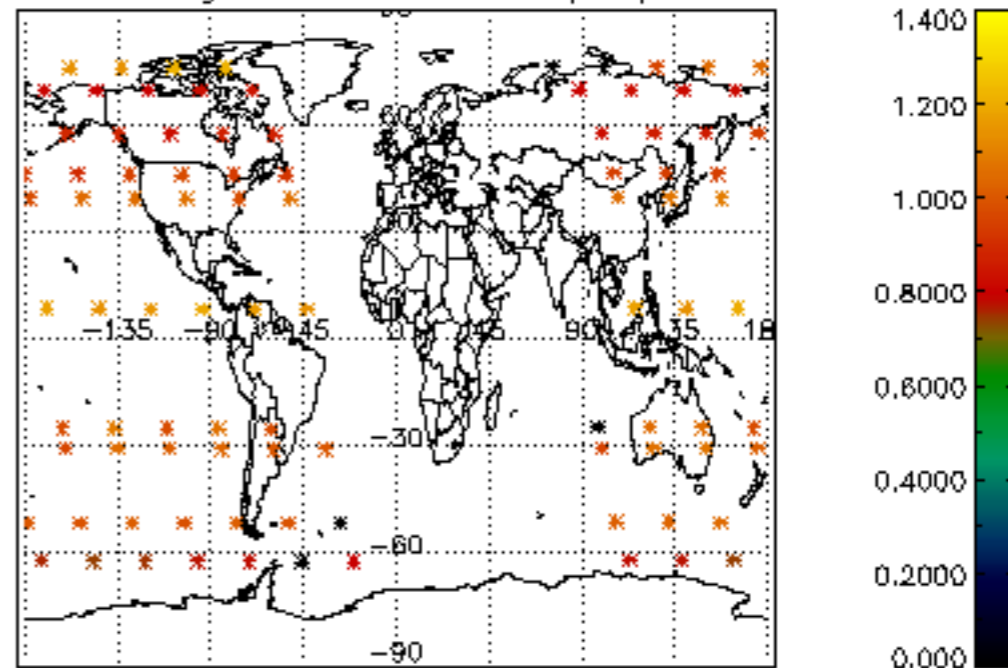




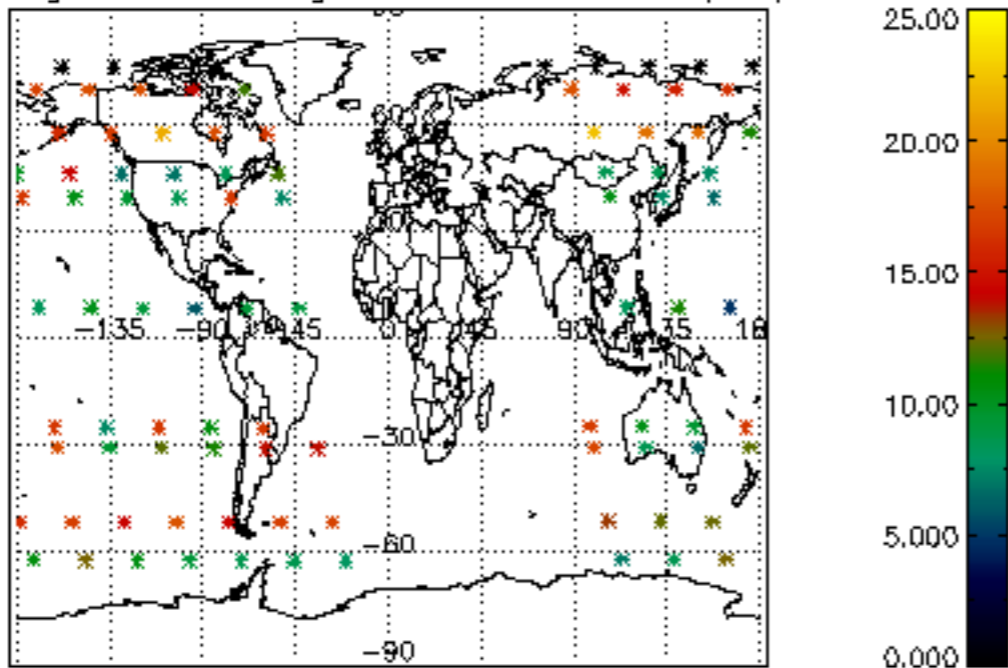
Percentage of cosmic ray hits per profile



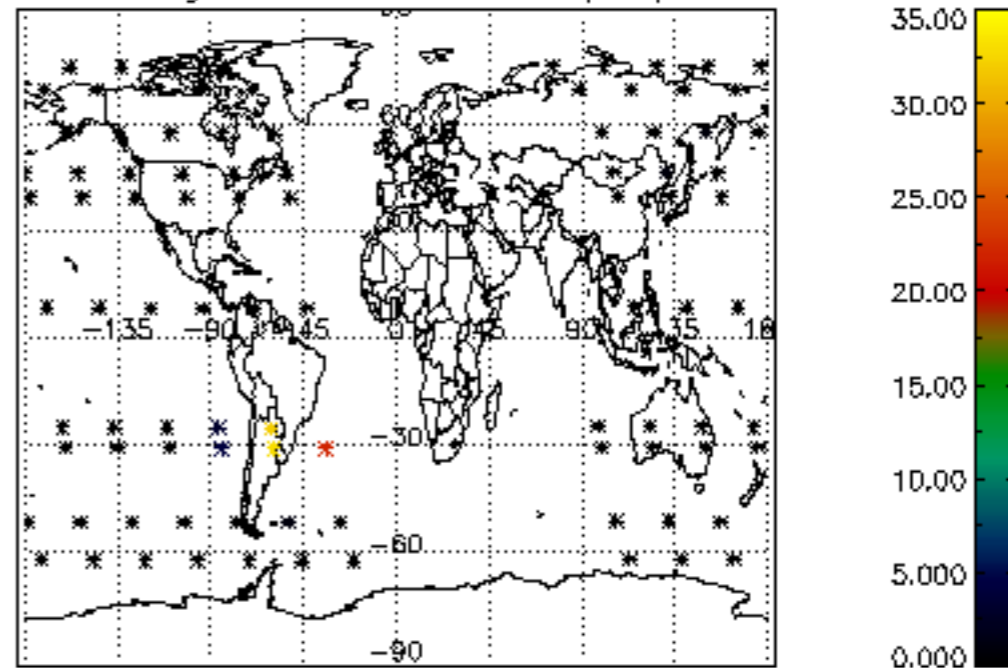
Percentage of datation errors per profile



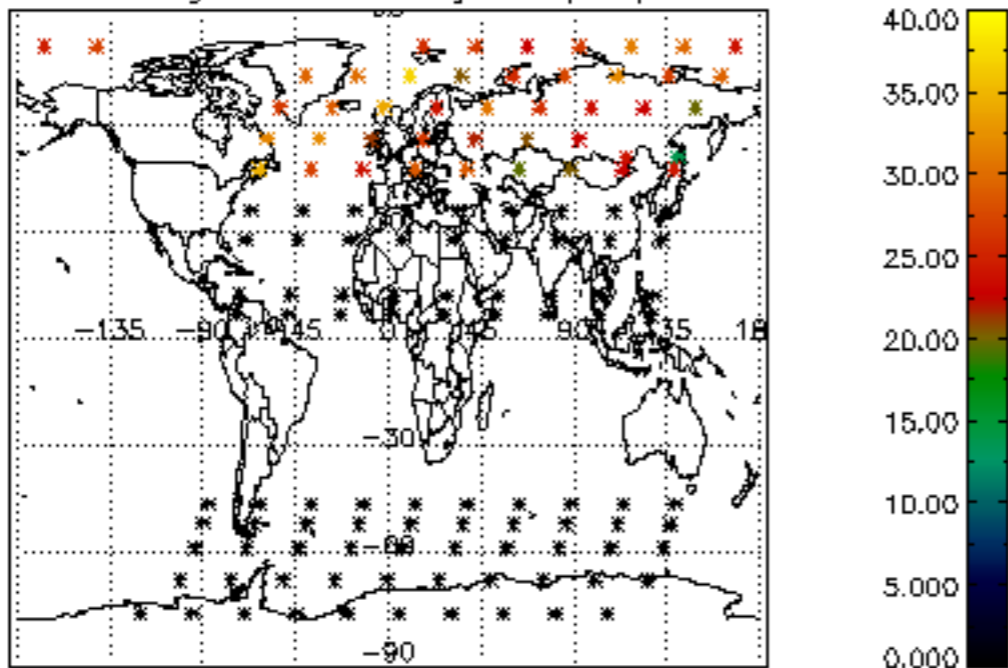
Percentage of star falling outside central band per profile



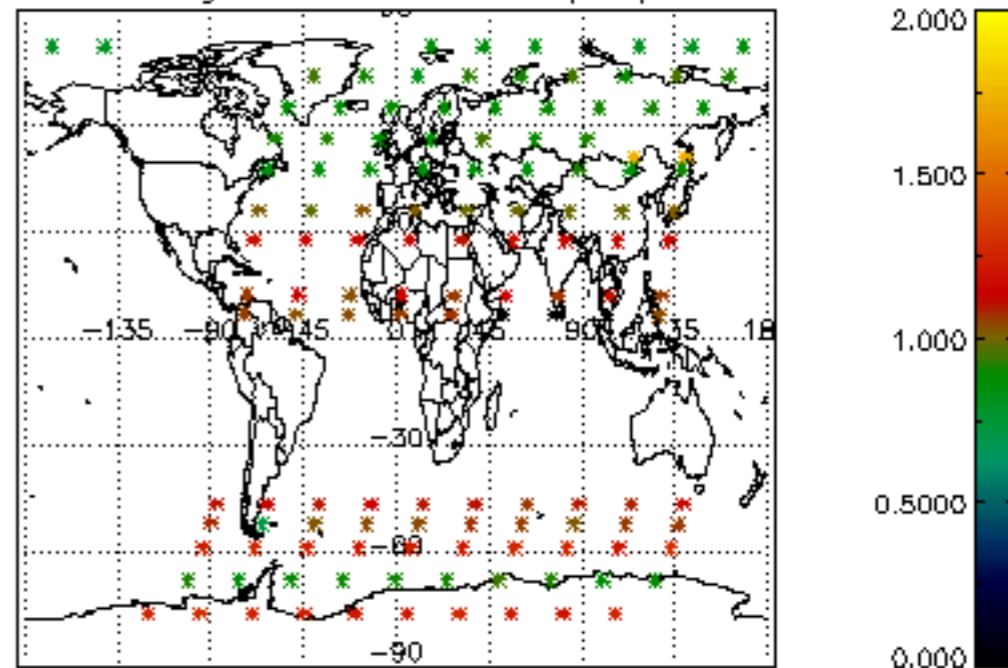
Percentage of saturation errors per profile



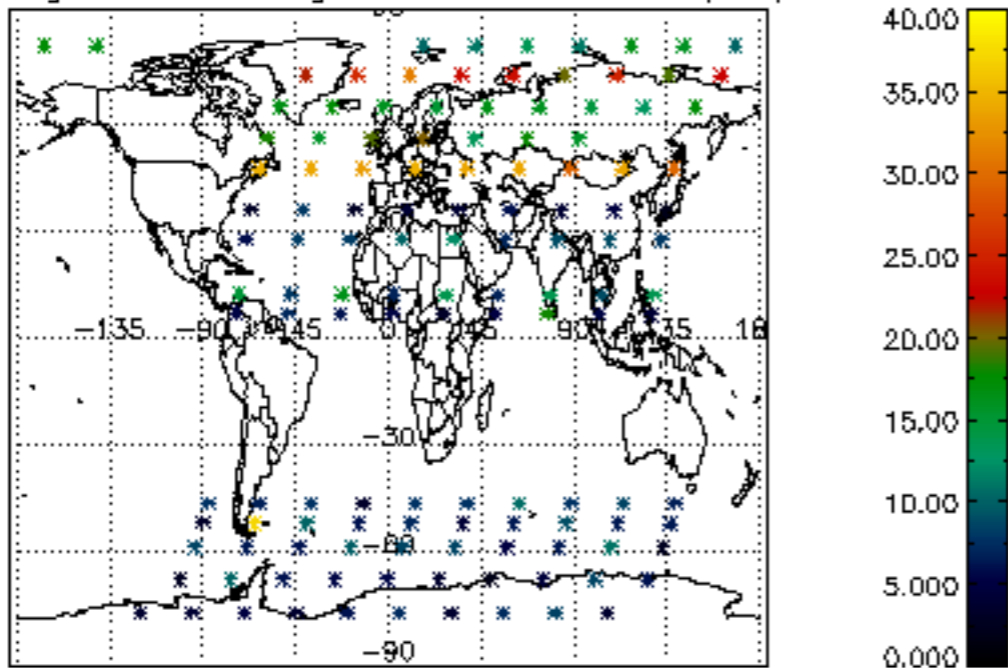
Percentage of cosmic ray hits per profile



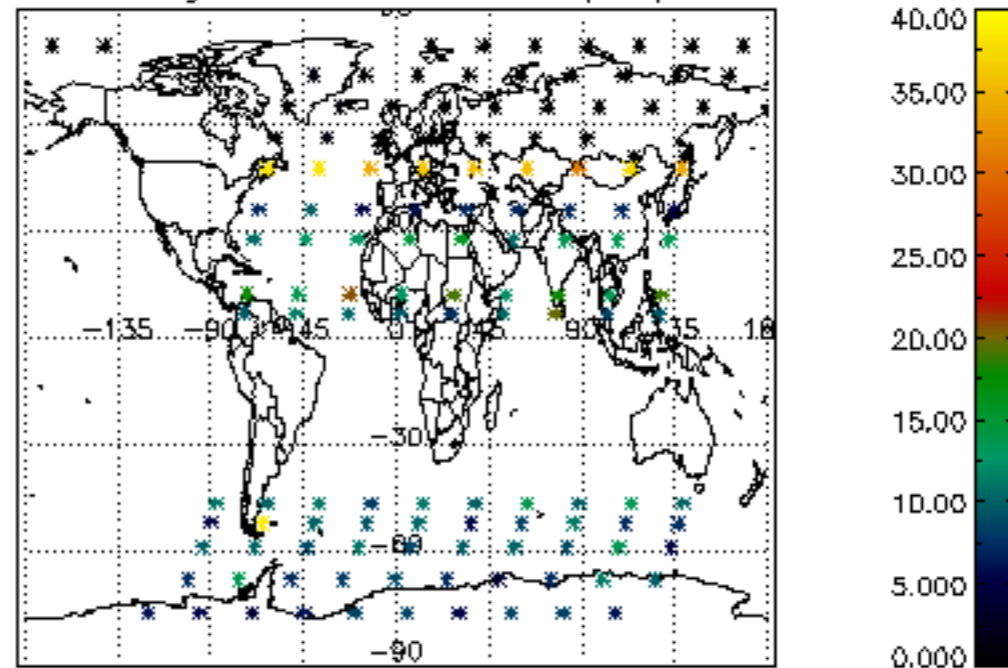
Percentage of datation errors per profile

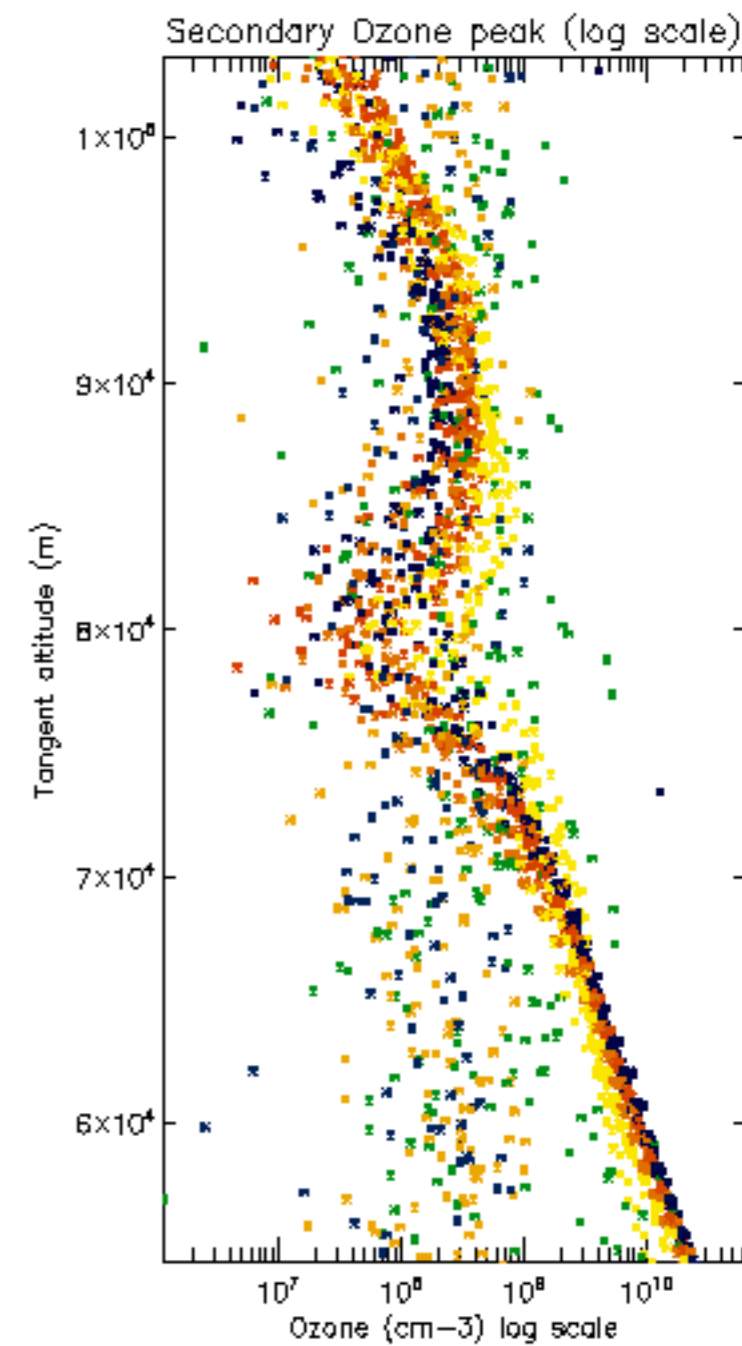
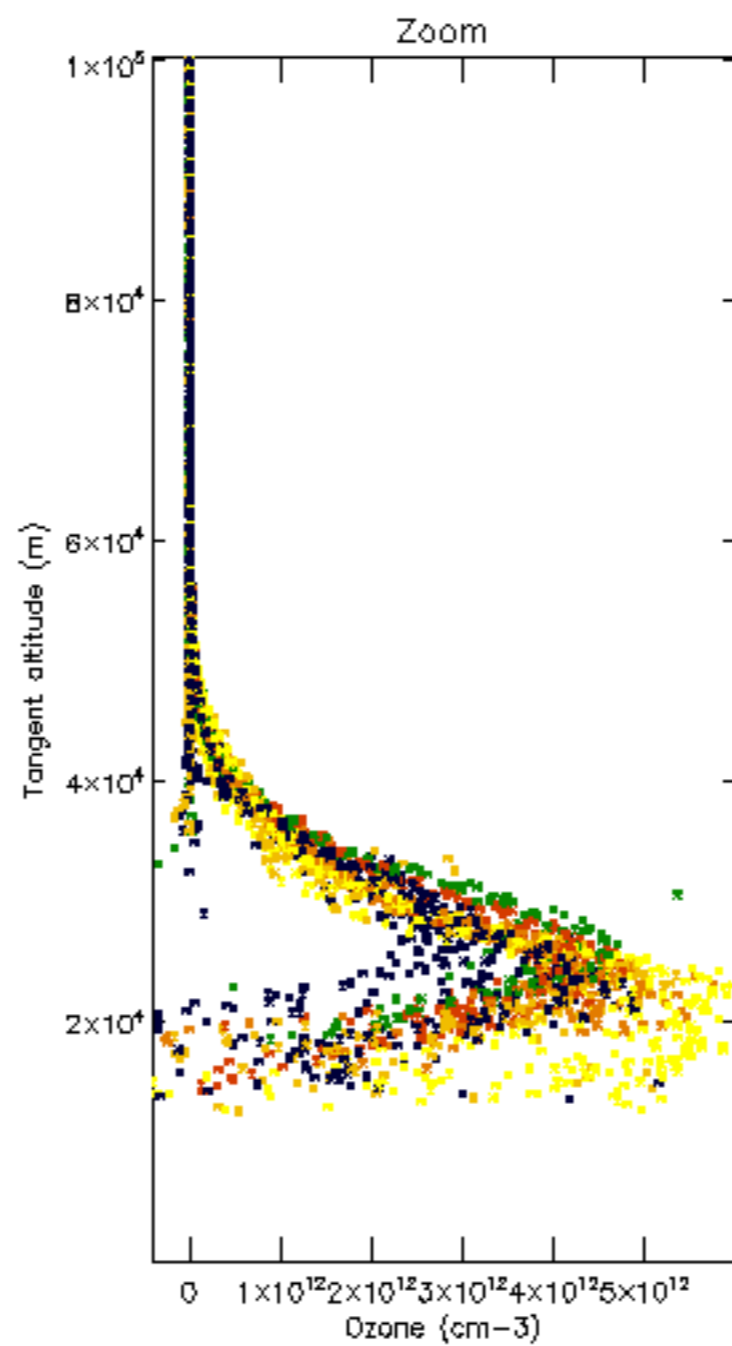
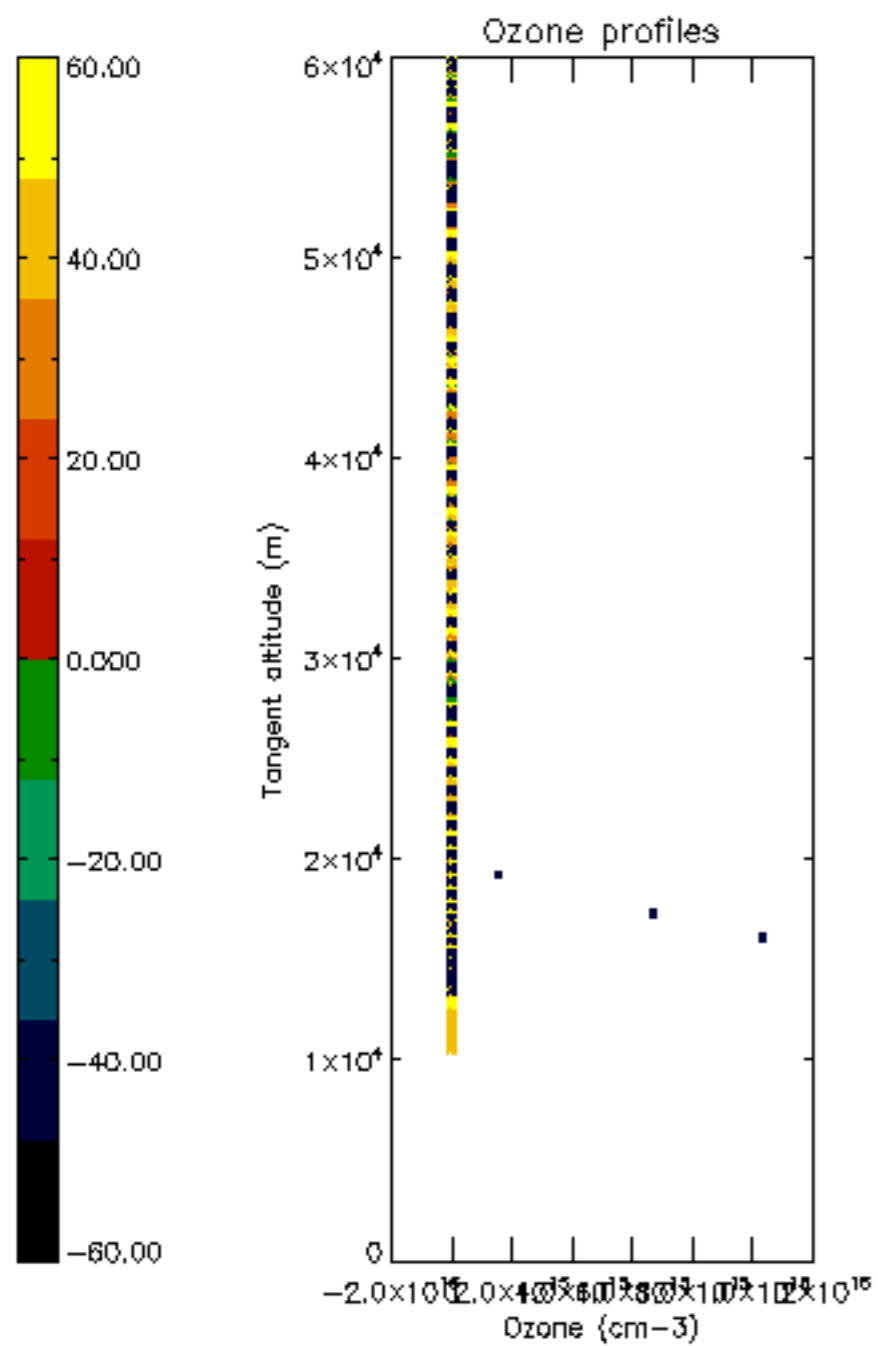


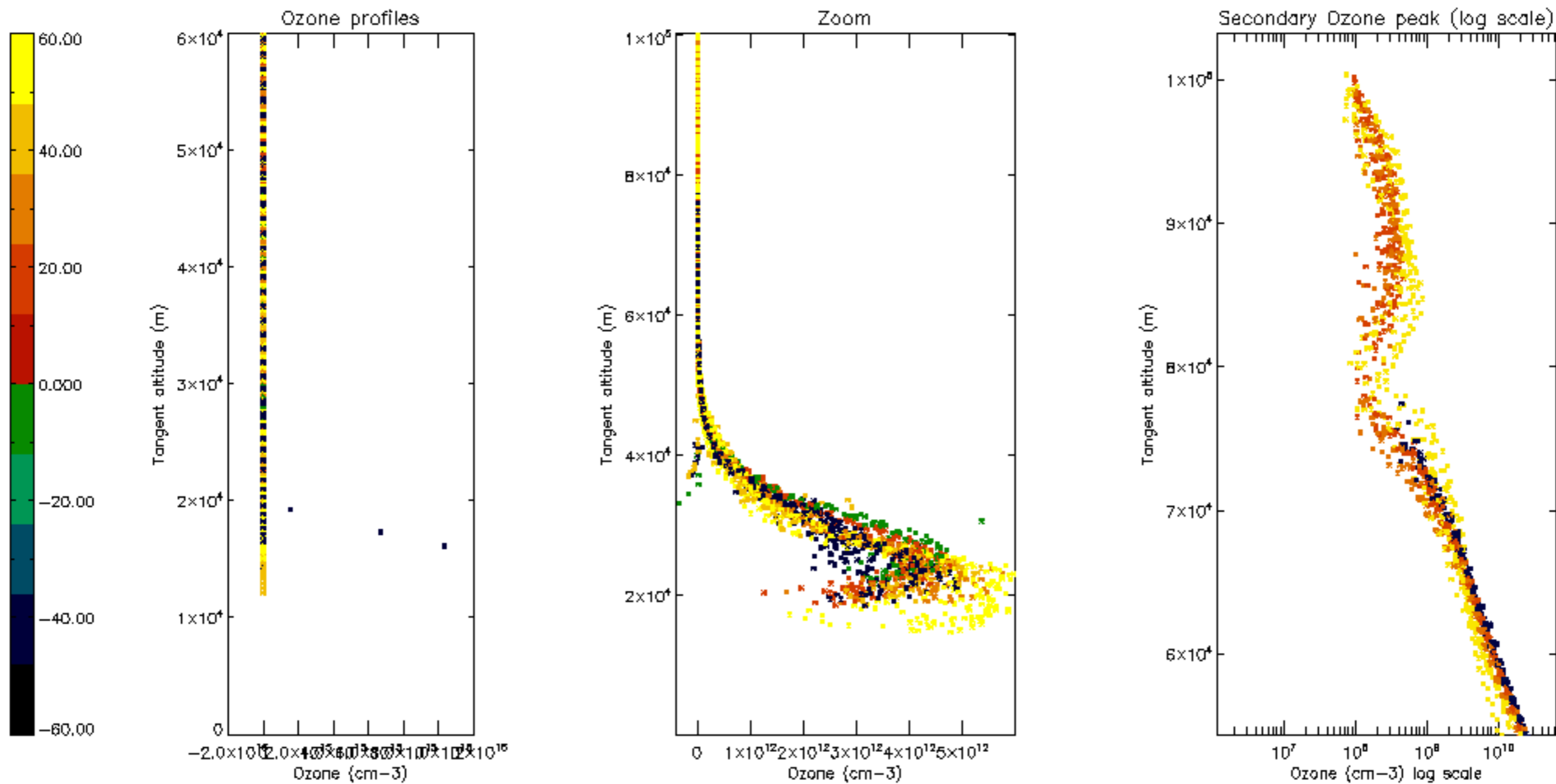
Percentage of star falling outside central band per profile



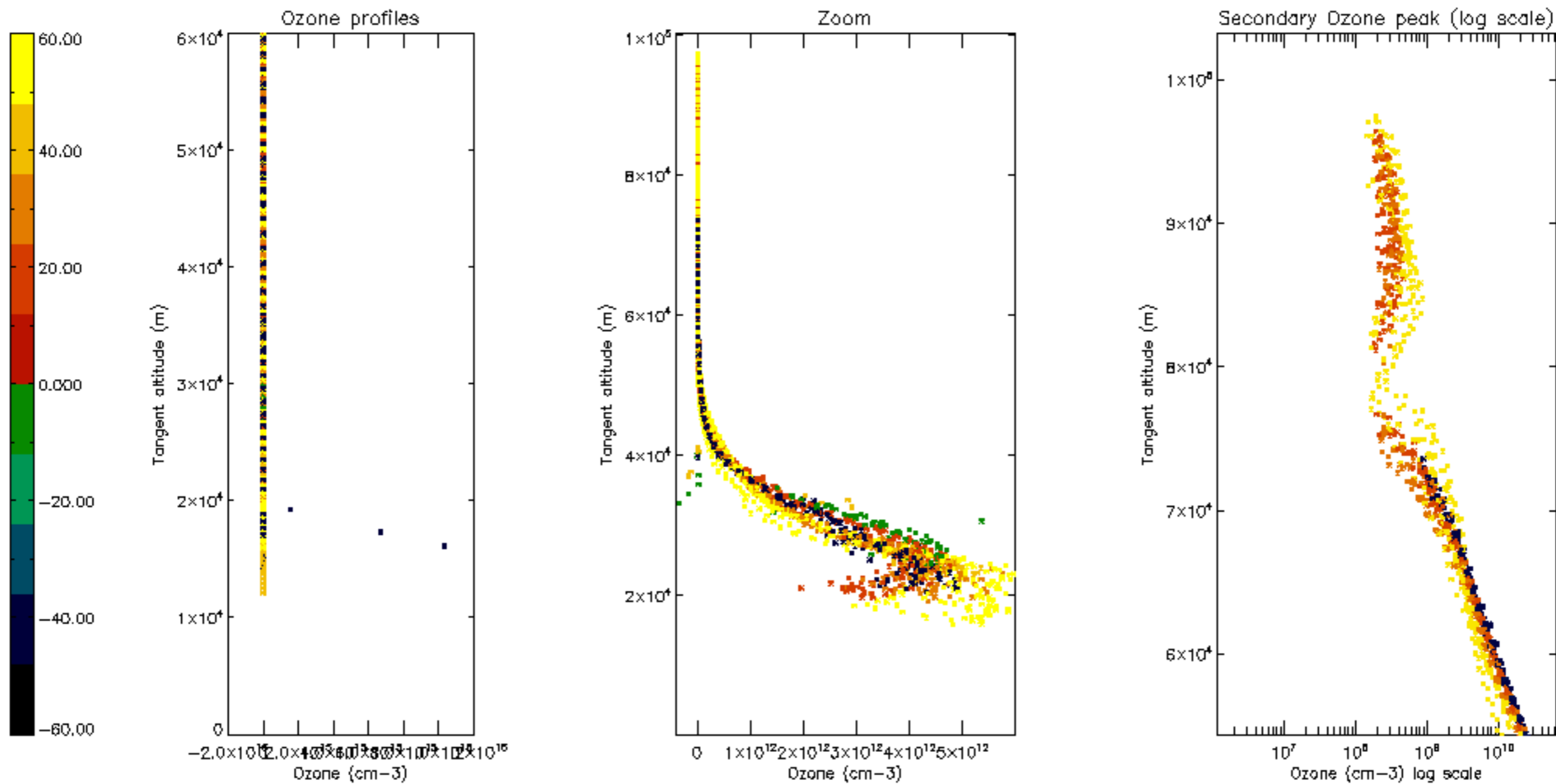
Percentage of saturation errors per profile

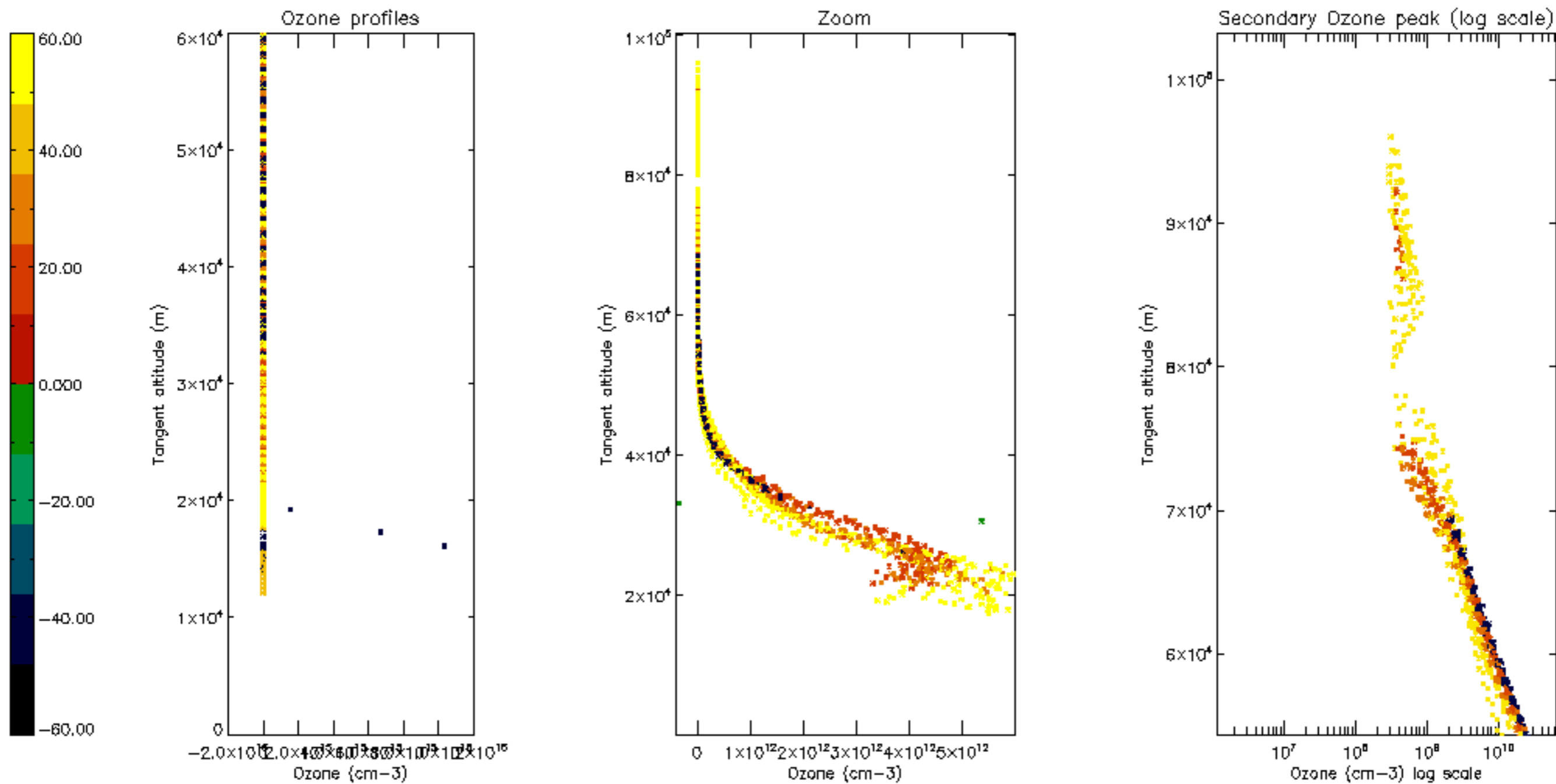


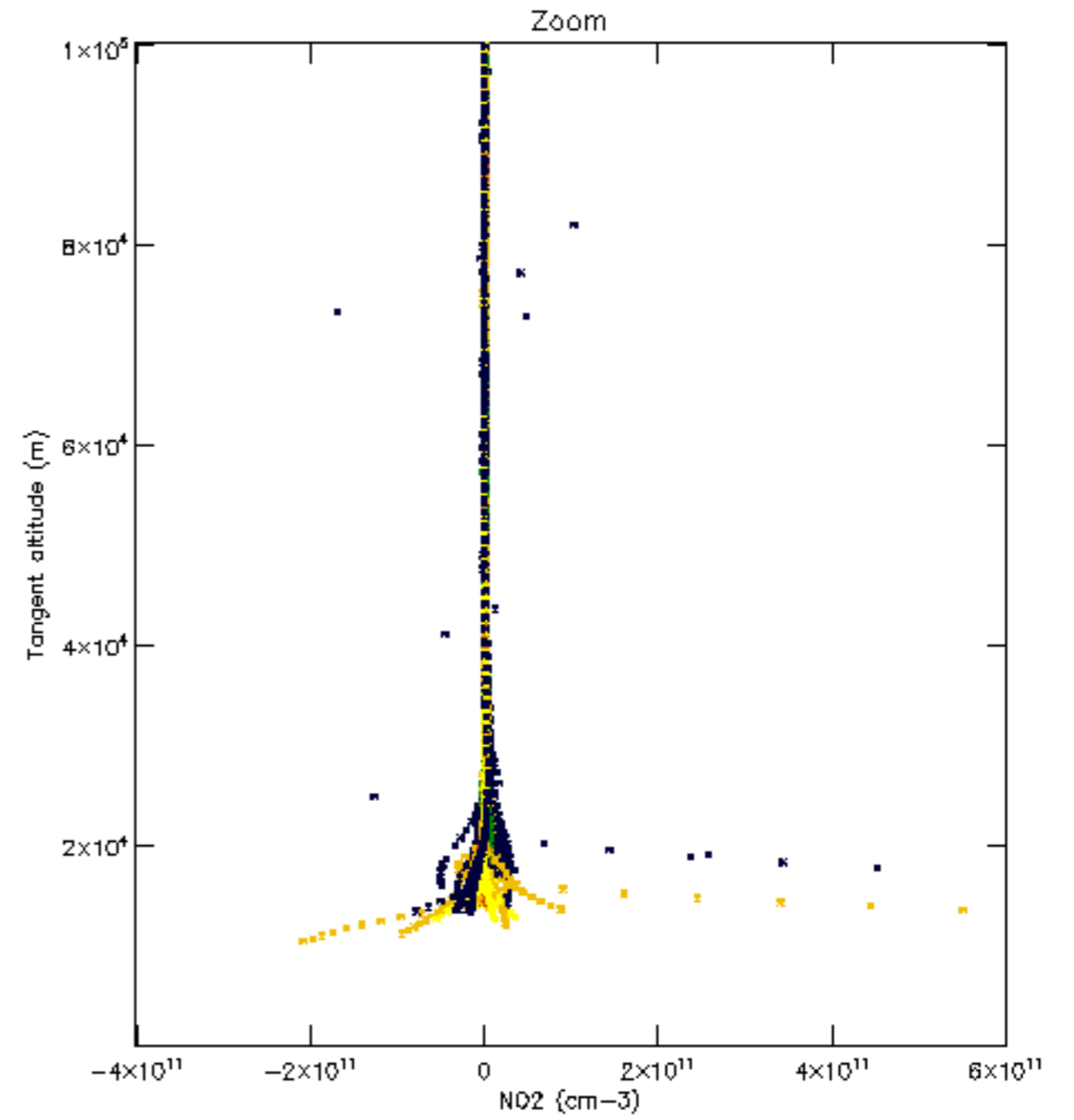
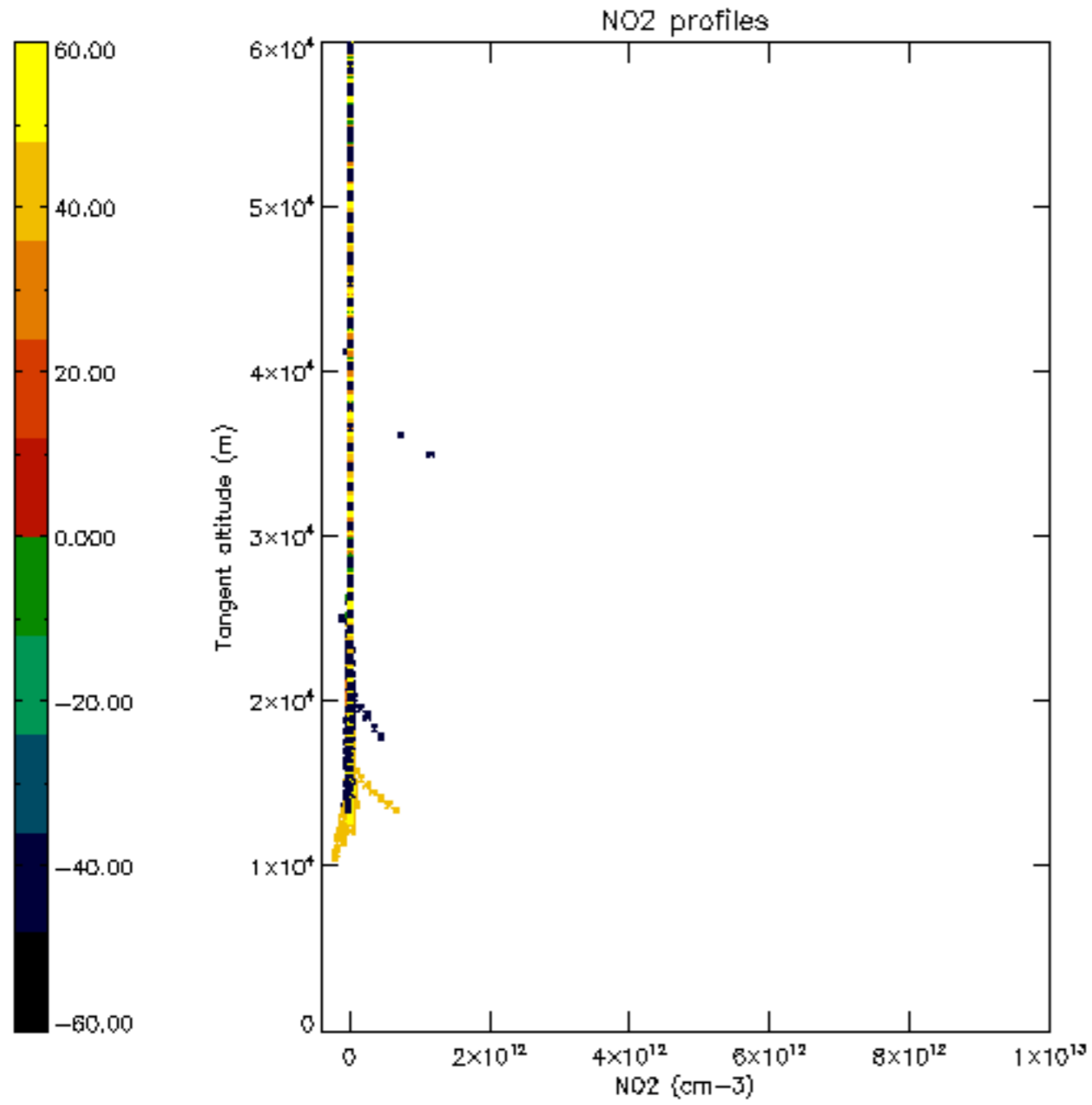


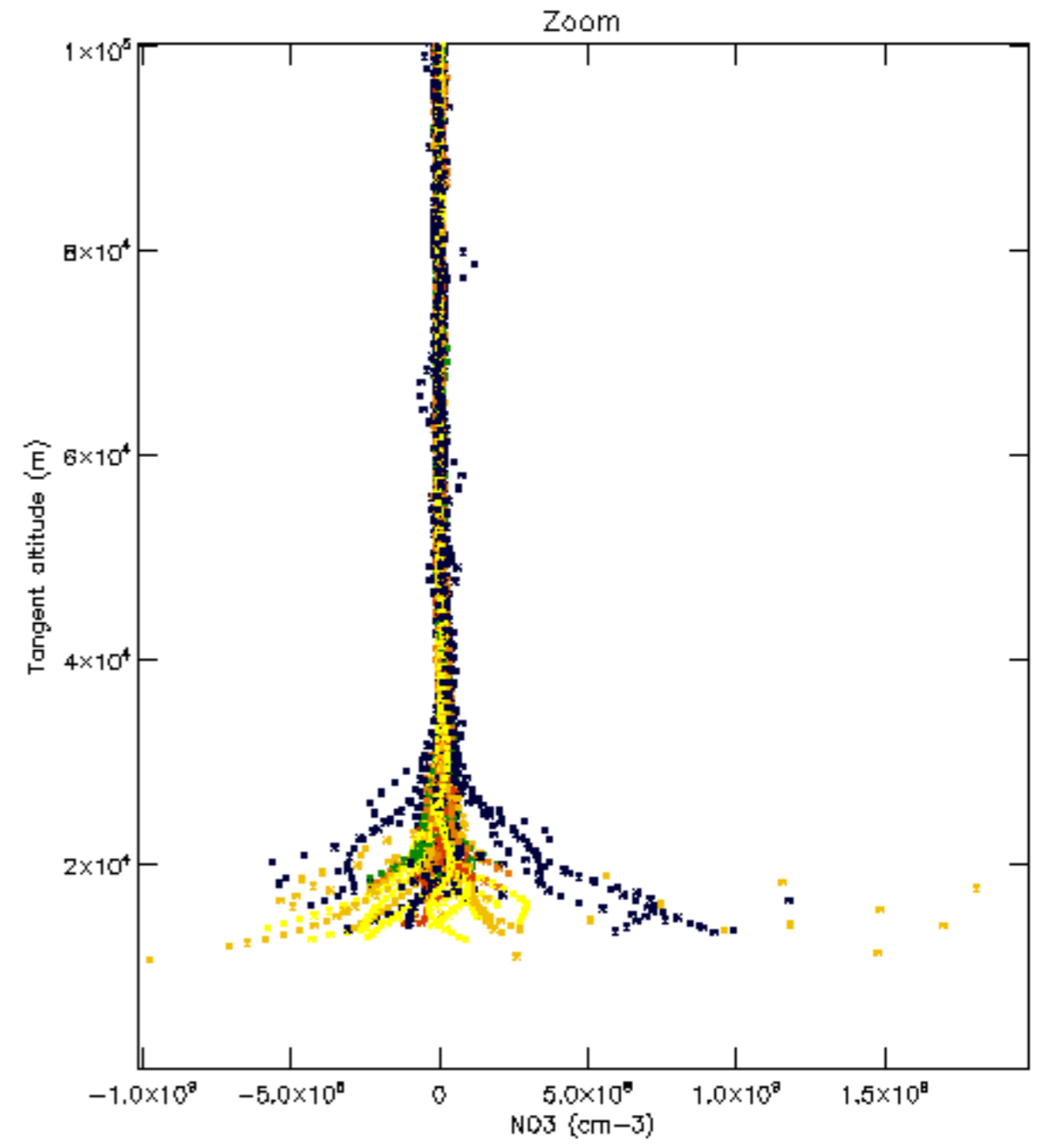
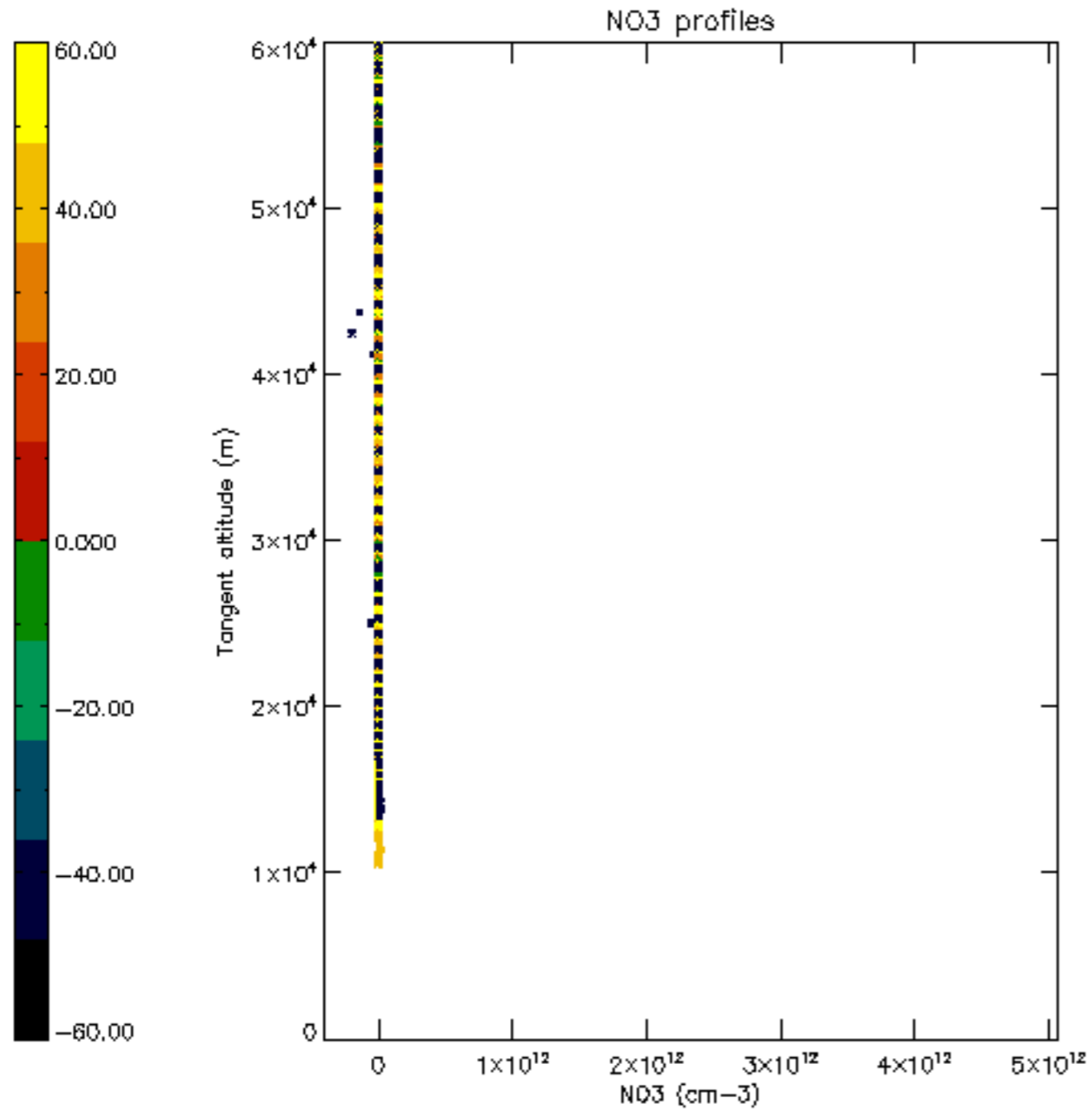




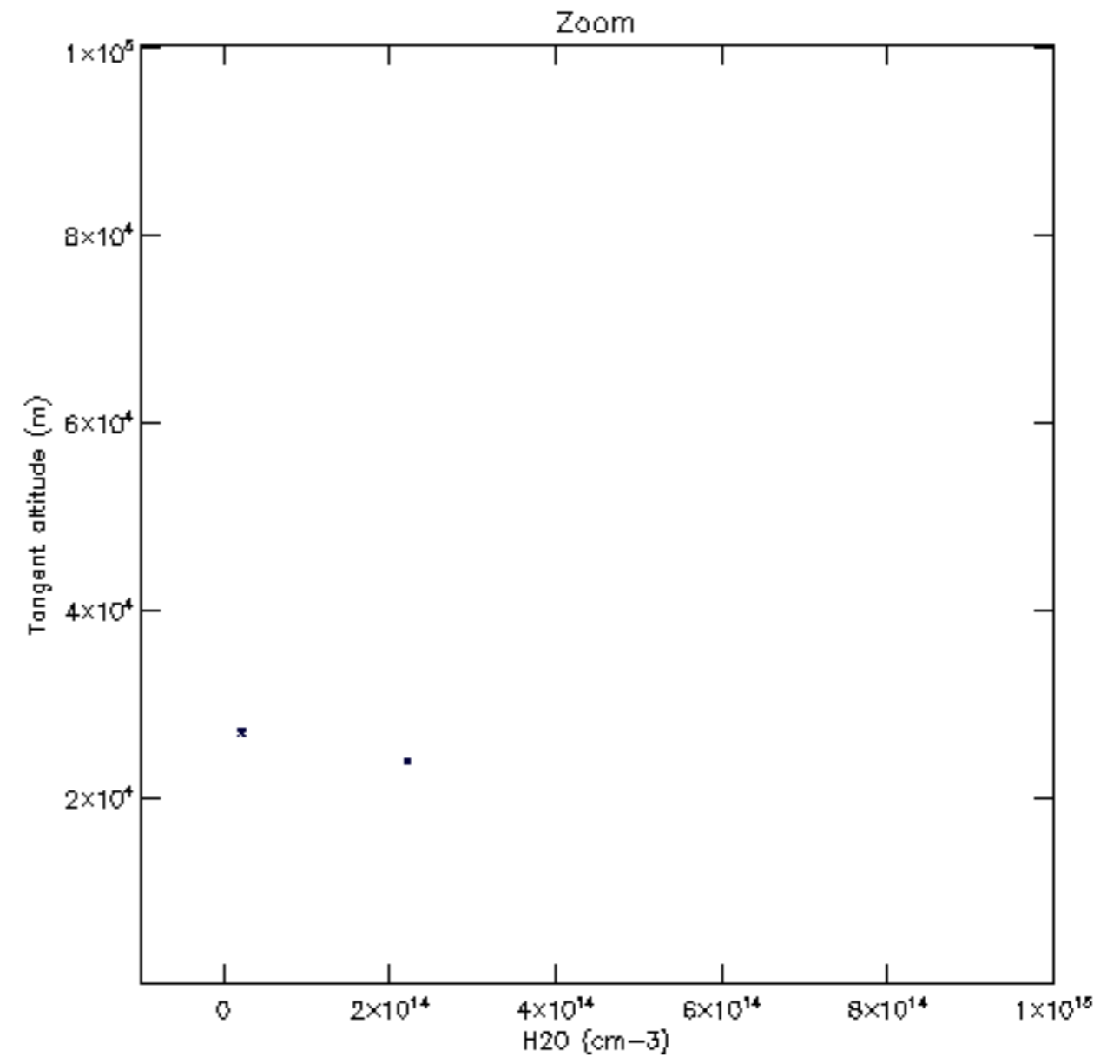
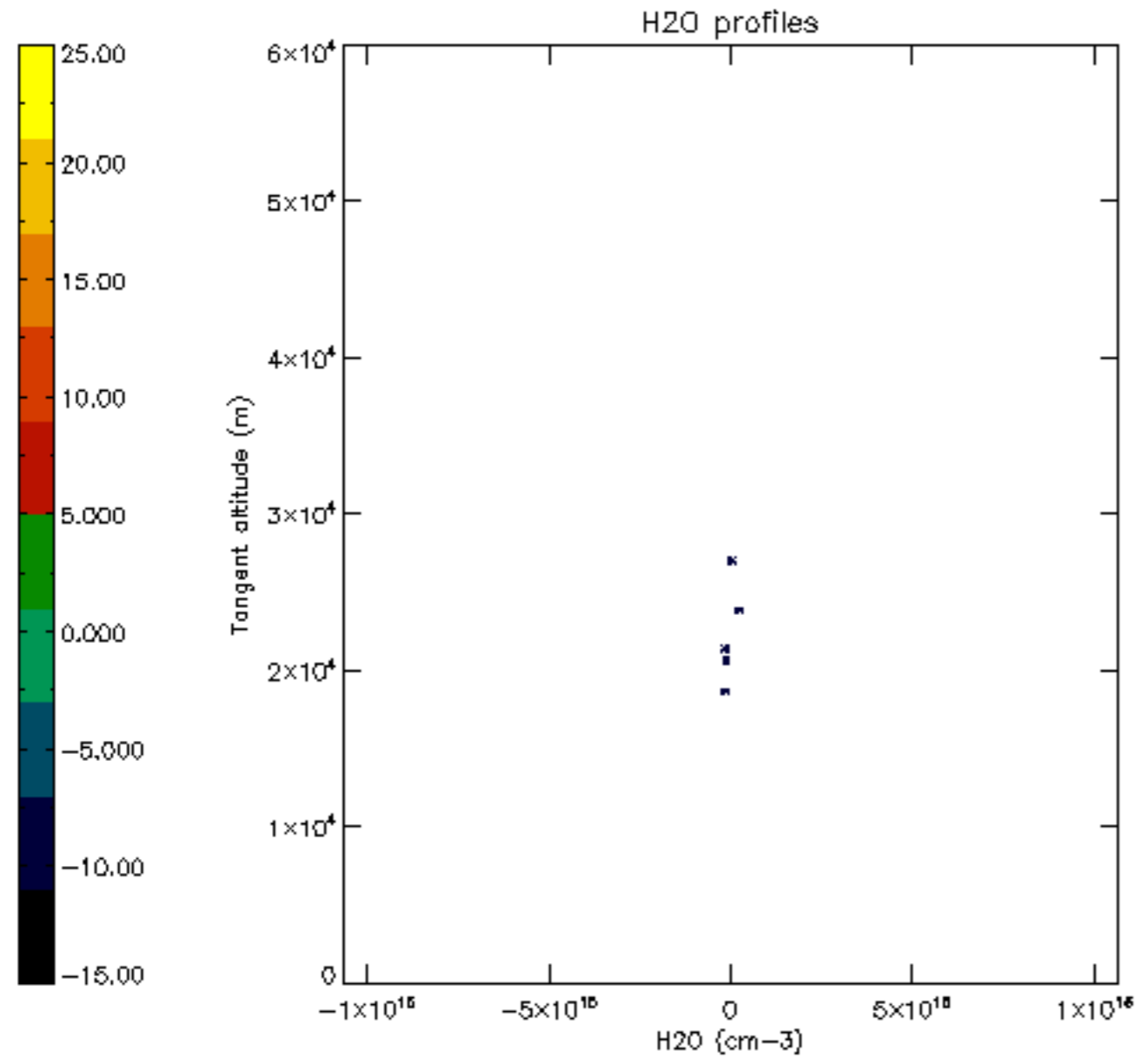


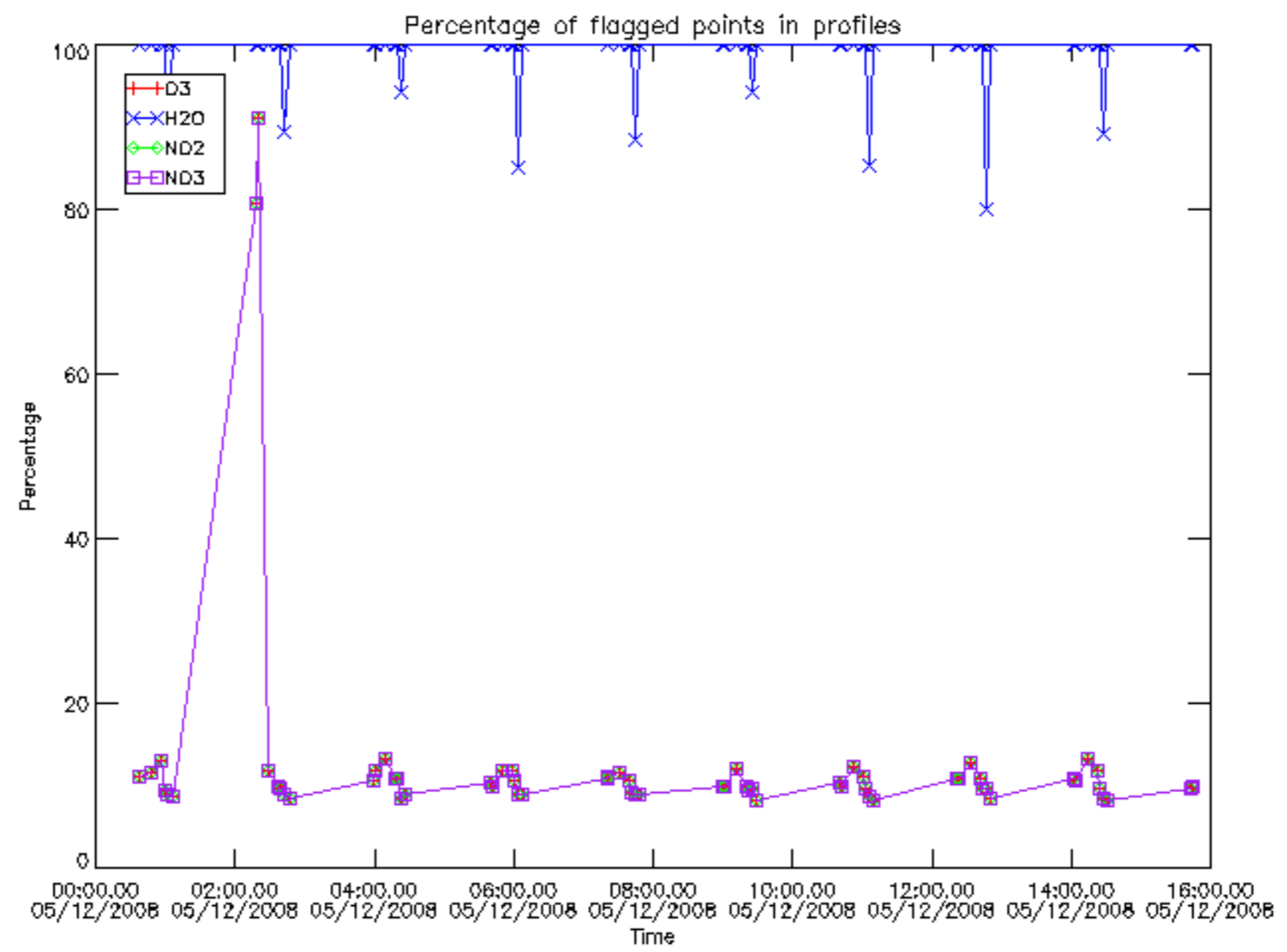




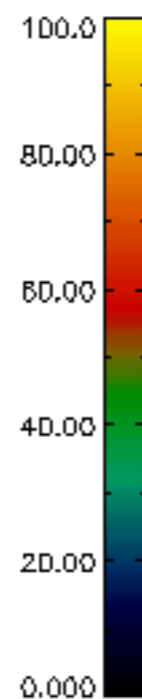
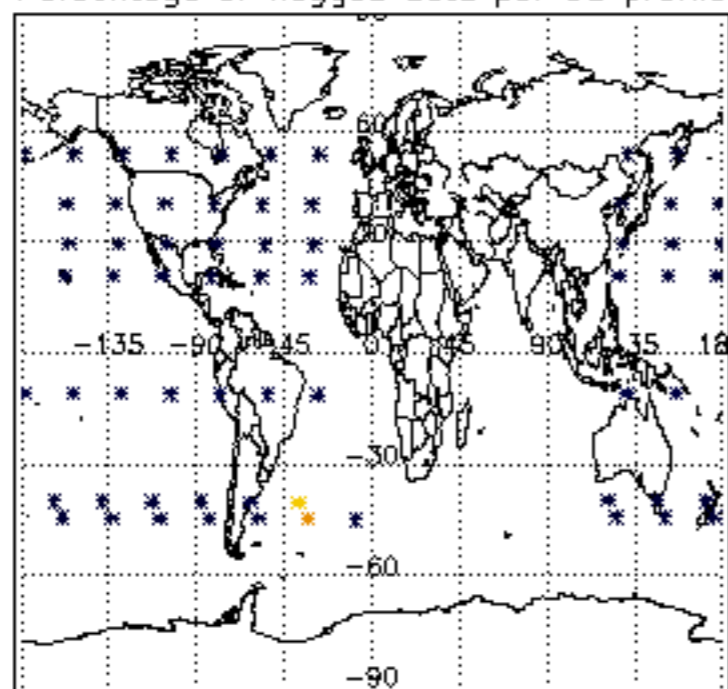




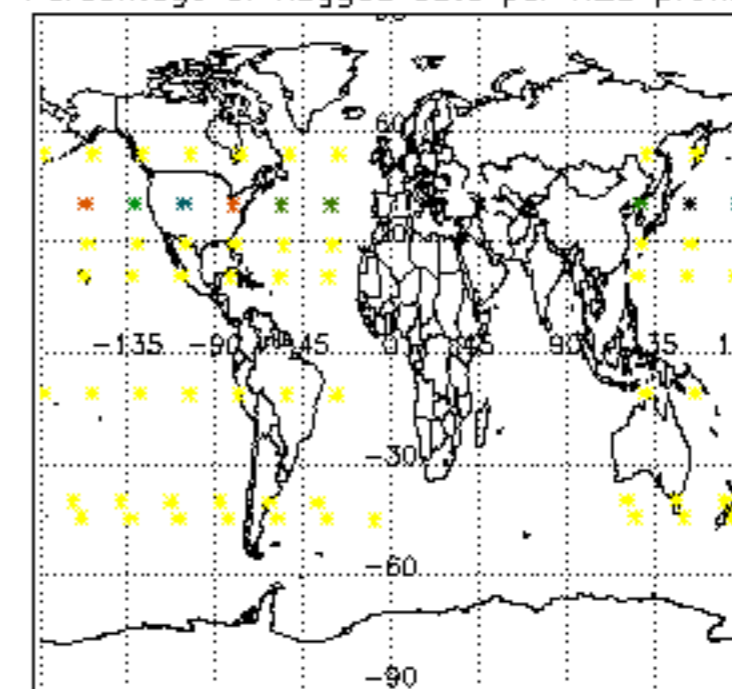




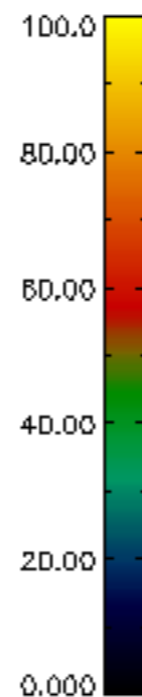
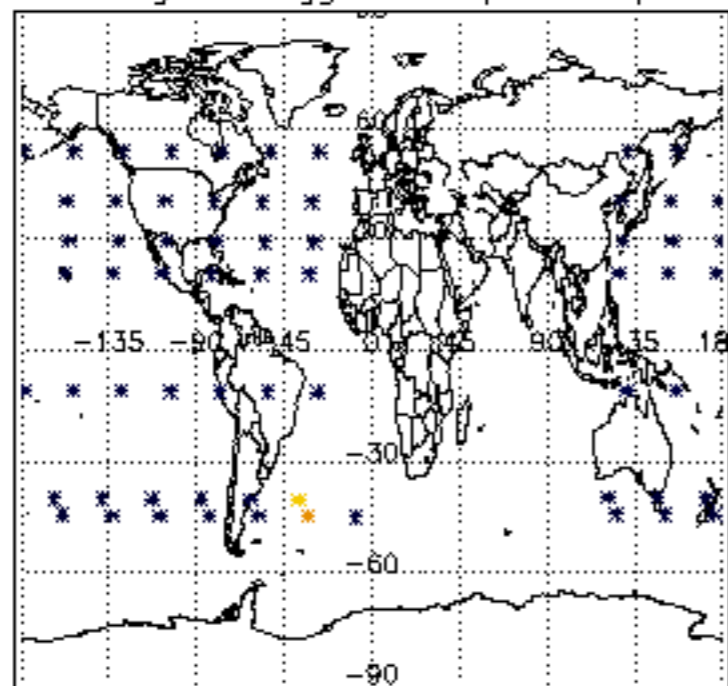
Percentage of flagged data per D3 profile



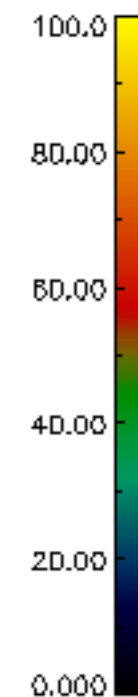
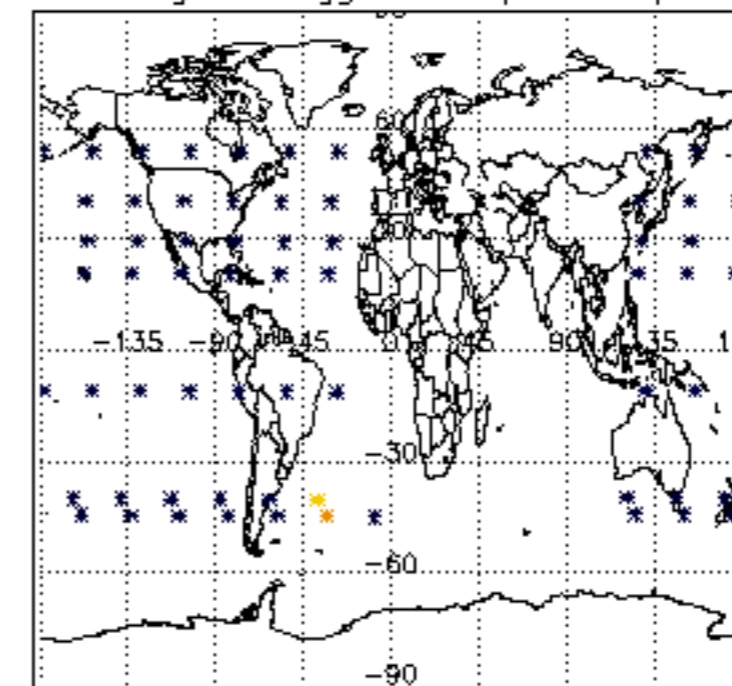
Percentage of flagged data per H2O profile

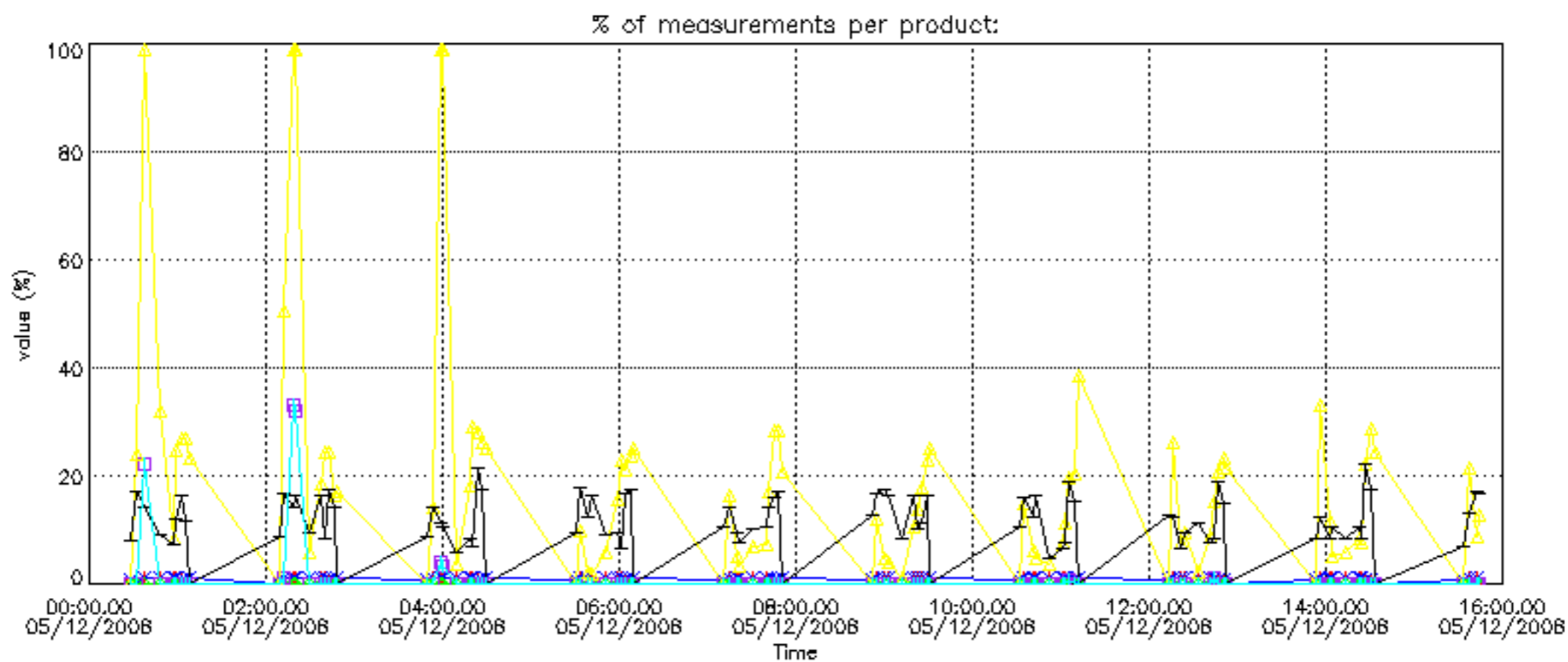


Percentage of flagged data per NO2 profile

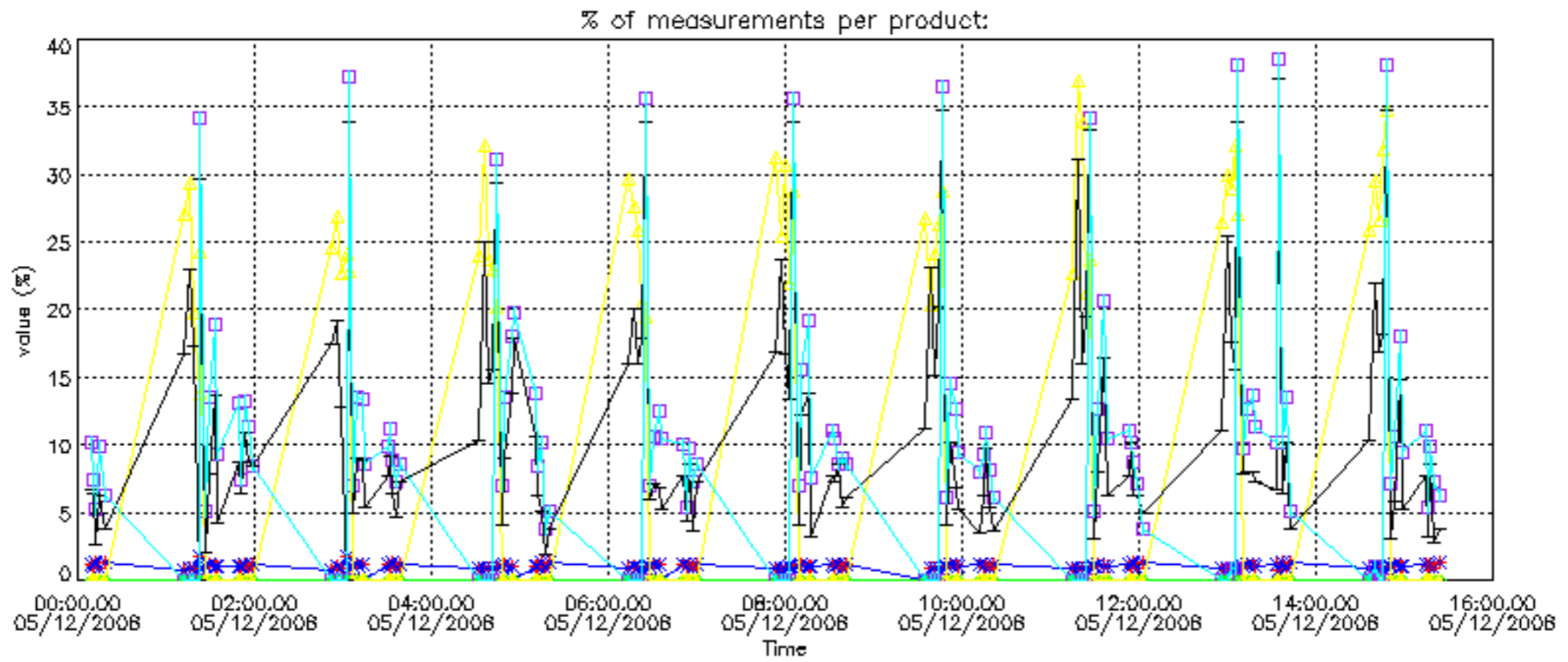


Percentage of flagged data per NO3 profile

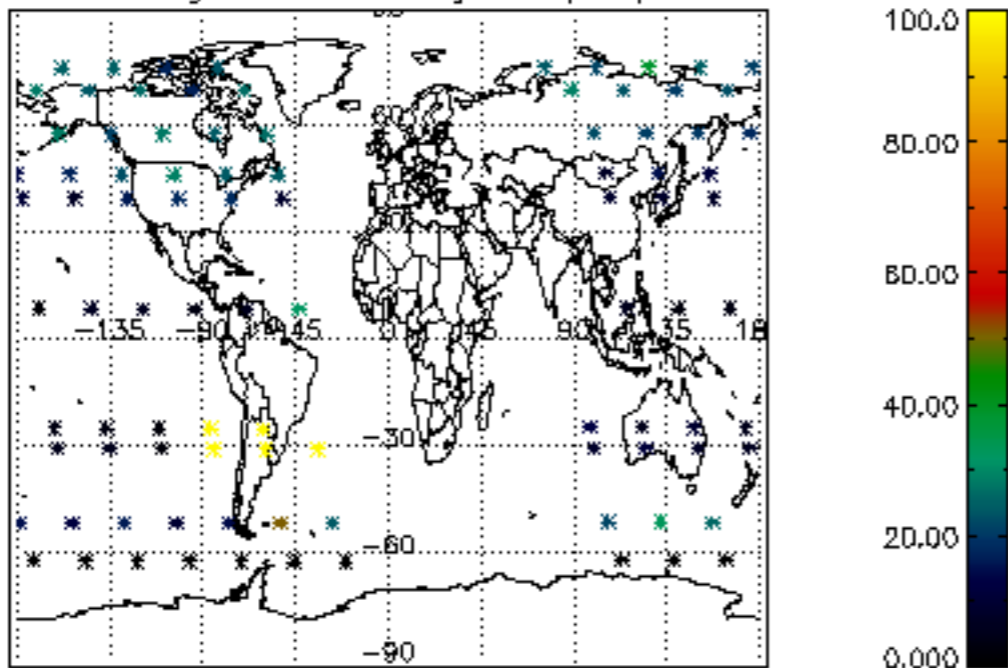




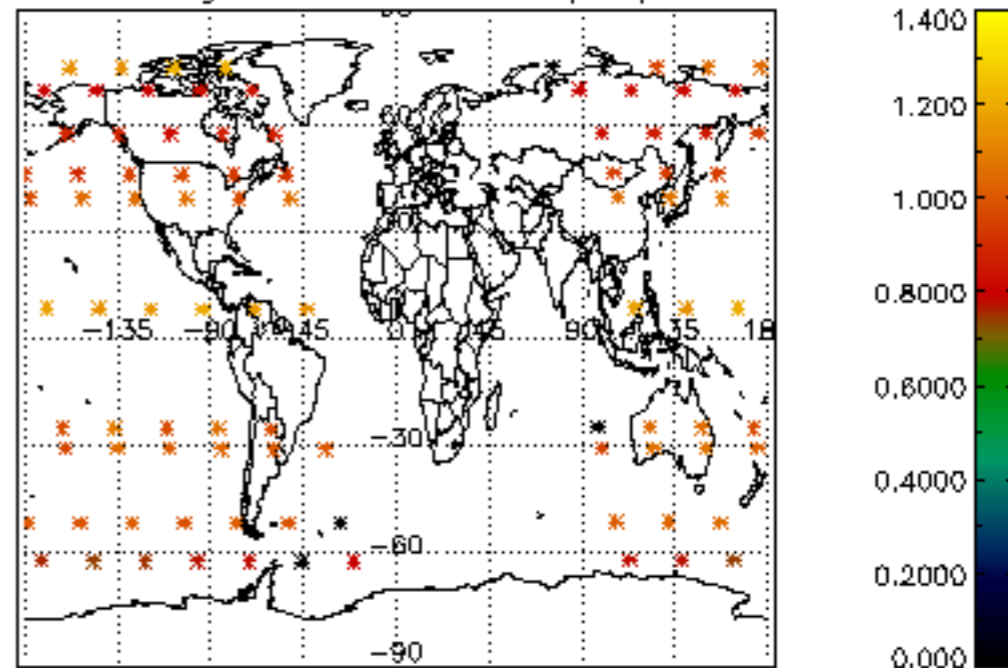




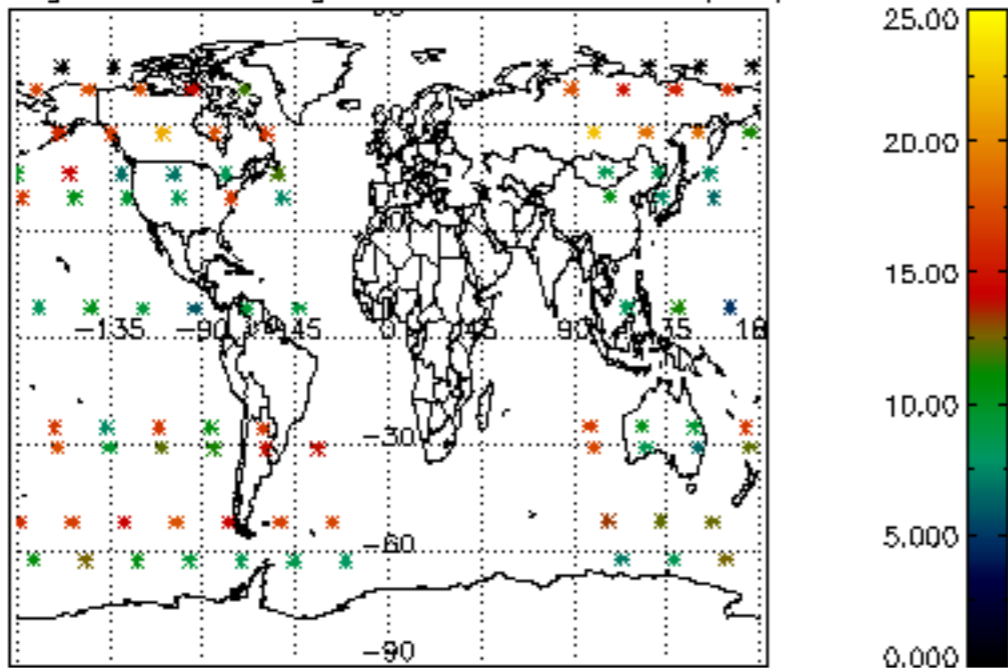
Percentage of cosmic ray hits per profile



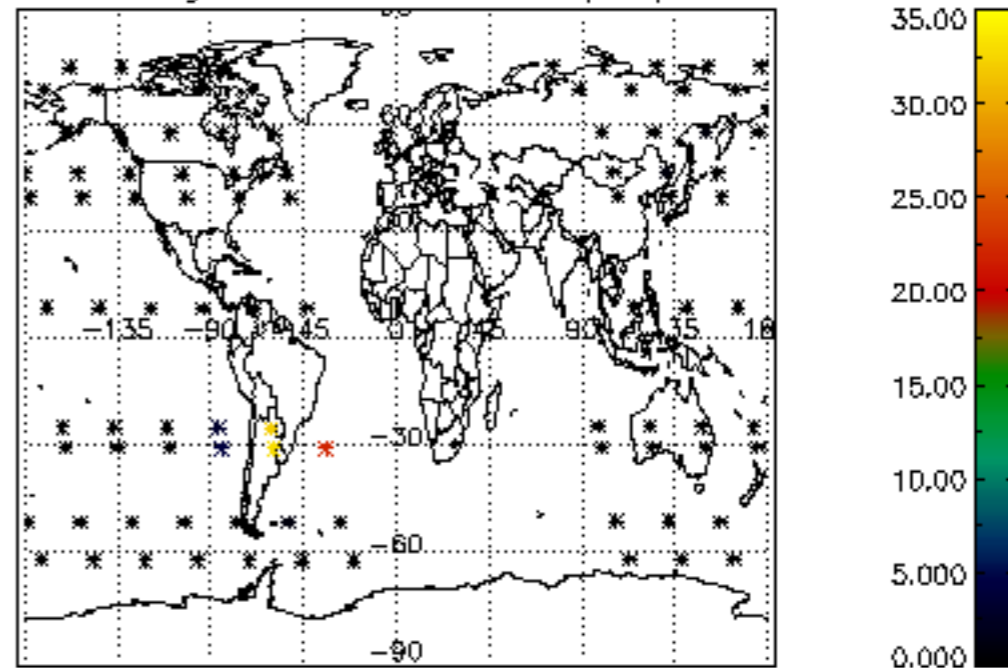
Percentage of datation errors per profile



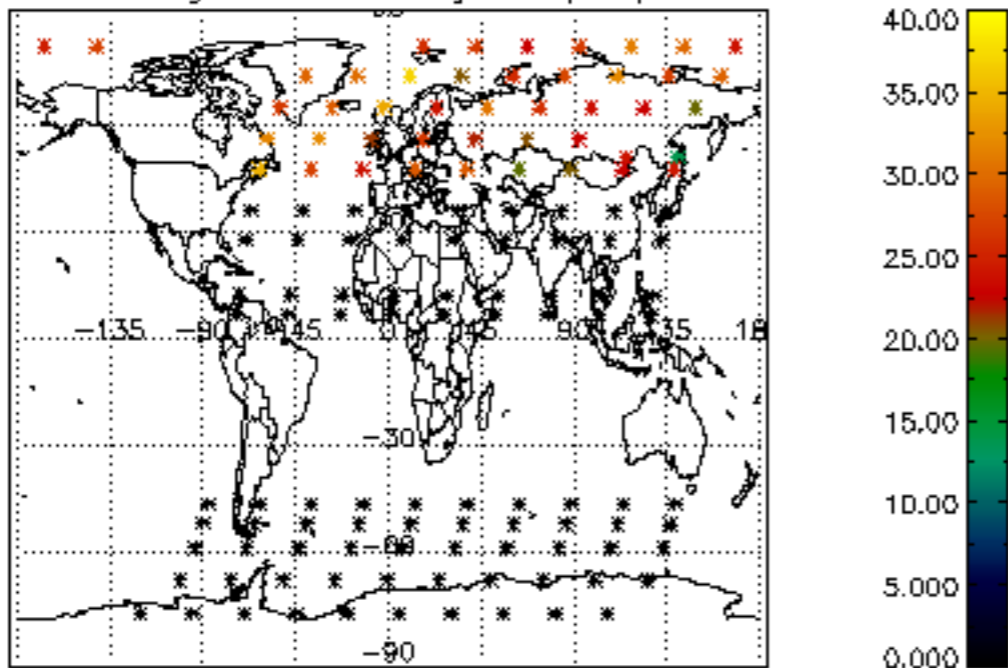
Percentage of star falling outside central band per profile



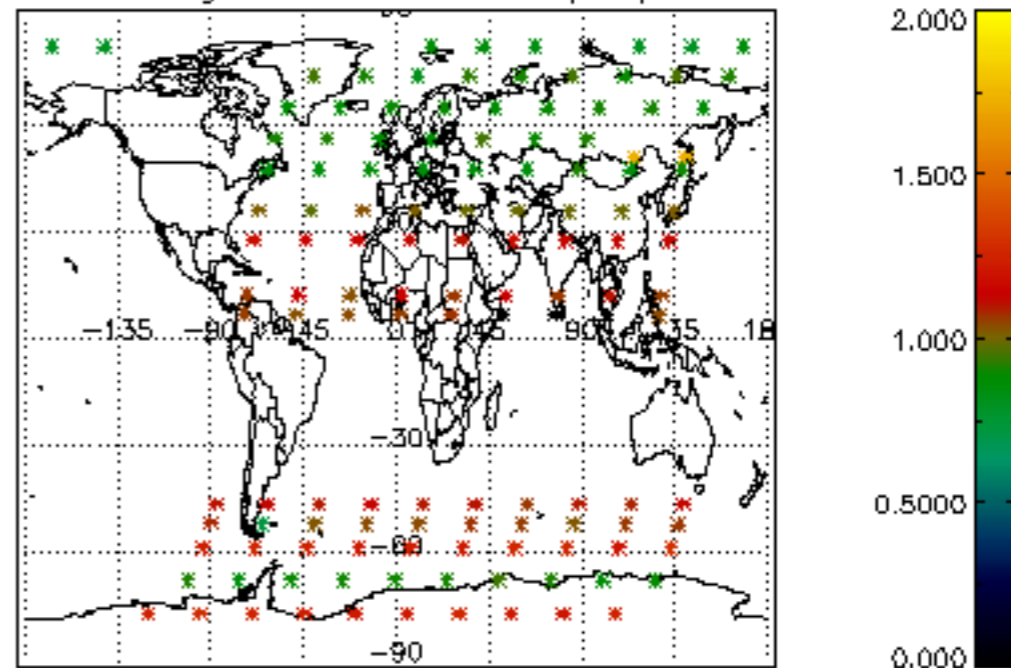
Percentage of saturation errors per profile



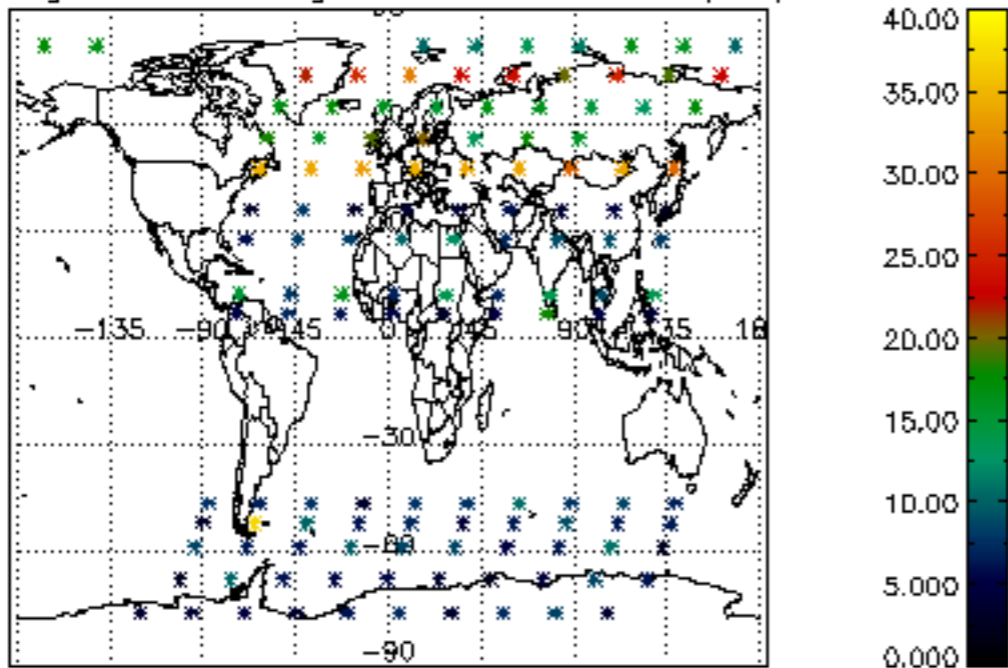
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

