

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 10:56:49
Data source version	GOMOS/6.01
Start time of products	18-07-2009 (18JUL2009 00:00:00)
Stop time of products	19-07-2009 (19JUL2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	220
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__2PRFIN20090718_001014_000000382080_00460_38590_1300.N1	18-JUL-2009 00:10:14	Bright	37.500	168	17Zet Aql	2.9860	11000.	75	38590	No
2	GOM_NL__2PRFIN20090718_002023_000000392080_00460_38590_1301.N1	18-JUL-2009 00:20:23	Bright	38.500	144	18Del Cyg	2.8600	11000.	77	38590	No
3	GOM_NL__2PRFIN20090718_002233_000000502080_00460_38590_1302.N1	18-JUL-2009 00:22:33	Bright	49.500	19	50Alp Cyg	1.2460	10500.	99	38590	No
4	GOM_NL__2PRFIN20090718_002732_000000412080_00460_38590_1303.N1	18-JUL-2009 00:27:32	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	38590	No
5	GOM_NL__2PRFIN20090718_003454_000000552080_00460_38590_1304.N1	18-JUL-2009 00:34:54	Bright	54.500	74	11Bet Cas	2.2680	6600.0	109	38590	No
6	GOM_NL__2PRFIN20090718_003651_000000442080_00460_38590_1305.N1	18-JUL-2009 00:36:51	Bright	44.000	68	18Alp Cas	2.2250	4500.0	88	38590	No
7	GOM_NL__2PRFIN20090718_004134_000000622080_00460_38590_1306.N1	18-JUL-2009 00:41:34	Bright	62.000	160	23Gam Per	2.9300	4700.0	124	38590	No
8	GOM_NL__2PRFIN20090718_004258_000000532080_00460_38590_1307.N1	18-JUL-2009 00:42:58	Bright	53.000	35	33Alp Per	1.7950	6250.0	106	38590	No
9	GOM_NL__2PRFIN20090718_004556_000000482080_00460_38590_1308.N1	18-JUL-2009 00:45:56	Bright	48.000	79	26Bet Per	2.3100	13100.	96	38590	No
10	GOM_NL__2PRFIN20090718_004854_000000402080_00460_38590_1309.N1	18-JUL-2009 00:48:54	Twilight	40.000	150	44Zet Per	2.8900	28000.	80	38590	No
11	GOM_NL__2PRFIN20090718_005945_000000632080_00460_38590_1310.N1	18-JUL-2009 00:59:45	Dark	62.500	94	92Alp Cet	2.5260	3100.0	125	38590	No
12	GOM_NL__2PRFIN20090718_012104_000000542080_00461_38591_1304.N1	18-JUL-2009 01:21:04	Dark	54.000	84	Alp Phe	2.3970	4500.0	108	38591	No
13	GOM_NL__2PRFIN20090718_012642_000000612080_00461_38591_1305.N1	18-JUL-2009 01:26:42	Straylight	61.000	63	Bet Gru	2.1500	2800.0	122	38591	No
14	GOM_NL__2PRFIN20090718_012815_000000572080_00461_38591_1306.N1	18-JUL-2009 01:28:15	Straylight	56.500	31	Alp Gru	1.7340	15200.	113	38591	No
15	GOM_NL__2PRFIN20090718_013128_000000522080_00461_38591_1307.N1	18-JUL-2009 01:31:28	Straylight	51.500	172	Gam Gru	3.0030	13100.	103	38591	No
16	GOM_NL__2PRFIN20090718_015050_000000402080_00461_38591_1308.N1	18-JUL-2009 01:50:50	Bright	39.500	168	17Zet Aql	2.9860	11000.	79	38591	No
17	GOM_NL__2PRFIN20090718_020058_000000422080_00461_38591_1309.N1	18-JUL-2009 02:00:58	Bright	41.500	144	18Del Cyg	2.8600	11000.	83	38591	No
18	GOM_NL__2PRFIN20090718_020308_000000482080_00461_38591_1310.N1	18-JUL-2009 02:03:08	Bright	48.000	19	50Alp Cyg	1.2460	10500.	96	38591	No
19	GOM_NL__2PRFIN20090718_020807_000000412080_00461_38591_1311.N1	18-JUL-2009 02:08:07	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	38591	No
20	GOM_NL__2PRFIN20090718_021529_000000512080_00461_38591_1312.N1	18-JUL-2009 02:15:29	Bright	50.500	74	11Bet Cas	2.2680	6600.0	101	38591	No
21	GOM_NL__2PRFIN20090718_021727_000000442080_00461_38591_1313.N1	18-JUL-2009 02:17:27	Bright	44.000	68	18Alp Cas	2.2250	4500.0	88	38591	No
22	GOM_NL__2PRFIN20090718_022210_000000452080_00461_38591_1314.N1	18-JUL-2009 02:22:10	Bright	45.000	160	23Gam Per	2.9300	4700.0	90	38591	No
23	GOM_NL__2PRFIN20090718_022333_000000612080_00461_38591_1315.N1	18-JUL-2009 02:23:33	Bright	61.000	35	33Alp Per	1.7950	6250.0	122	38591	No
24	GOM_NL__2PRFIN20090718_022632_000000492080_00461_38591_1316.N1	18-JUL-2009 02:26:32	Bright	48.500	79	26Bet Per	2.3100	13100.	97	38591	No
25	GOM_NL__2PRFIN20090718_022930_000000442080_00461_38591_1317.N1	18-JUL-2009 02:29:30	Twilight	43.500	150	44Zet Per	2.8900	28000.	87	38591	No
26	GOM_NL__2PRFIN20090718_024021_000000622080_00461_38591_1318.N1	18-JUL-2009 02:40:21	Dark	62.000	94	92Alp Cet	2.5260	3100.0	124	38591	No
27	GOM_NL__2PRFIN20090718_030141_000000542080_00462_38592_1339.N1	18-JUL-2009 03:01:41	Dark	53.500	84	Alp Phe	2.3970	4500.0	107	38592	No
28	GOM_NL__2PRFIN20090718_030719_000000552080_00462_38592_1340.N1	18-JUL-2009 03:07:19	Straylight	55.000	63	Bet Gru	2.1500	2800.0	110	38592	No
29	GOM_NL__2PRFIN20090718_030851_000000492080_00462_38592_1341.N1	18-JUL-2009 03:08:51	Straylight	49.000	31	Alp Gru	1.7340	15200.	98	38592	No
30	GOM_NL__2PRFIN20090718_031205_000000522080_00462_38592_1342.N1	18-JUL-2009 03:12:05	Straylight	52.000	172	Gam Gru	3.0030	13100.	104	38592	No
31	GOM_NL__2PRFIN20090718_033125_000000382080_00462_38592_1343.N1	18-JUL-2009 03:31:25	Bright	38.000	168	17Zet Aql	2.9860	11000.	76	38592	No
32	GOM_NL__2PRFIN20090718_034133_000000422080_00462_38592_1344.N1	18-JUL-2009 03:41:33	Bright	41.500	144	18Del Cyg	2.8600	11000.	83	38592	No
33	GOM_NL__2PRFIN20090718_034343_000000462080_00462_38592_1345.N1	18-JUL-2009 03:43:43	Bright	45.500	19	50Alp Cyg	1.2460	10500.	91	38592	No
34	GOM_NL__2PRFIN20090718_034842_000000432080_00462_38592_1346.N1	18-JUL-2009 03:48:42	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	38592	No
35	GOM_NL__2PRFIN20090718_035605_000000522080_00462_38592_1347.N1	18-JUL-2009 03:56:05	Bright	52.000	74	11Bet Cas	2.2680	6600.0	104	38592	No
36	GOM_NL__2PRFIN20090718_035802_000000432080_00462_38592_1348.N1	18-JUL-2009 03:58:02	Bright	43.000	68	18Alp Cas	2.2250	4500.0	86	38592	No
37	GOM_NL__2PRFIN20090718_040246_000000442080_00462_38592_1349.N1	18-JUL-2009 04:02:46	Bright	44.000	160	23Gam Per	2.9300	4700.0	88	38592	No
38	GOM_NL__2PRFIN20090718_040409_000000432080_00462_38592_1350.N1	18-JUL-2009 04:04:09	Bright	42.500	35	33Alp Per	1.7950	6250.0	85	38592	No
39	GOM_NL__2PRFIN20090718_040708_000000462080_00462_38592_1351.N1	18-JUL-2009 04:07:08	Bright	46.000	79	26Bet Per	2.3100	13100.	92	38592	No
40	GOM_NL__2PRFIN20090718_041006_000000442080_00462_38592_1352.N1	18-JUL-2009 04:10:06	Twilight	43.500	150	44Zet Per	2.8900	28000.	87	38592	No
41	GOM_NL__2PRFIN20090718_042058_000000642080_00462_38592_1353.N1	18-JUL-2009 04:20:58	Dark	64.000	94	92Alp Cet	2.5260	3100.0	128	38592	No
42	GOM_NL__2PRFIN20090718_044218_000000572080_00463_38593_1344.N1	18-JUL-2009 04:42:18	Dark	56.500	84	Alp Phe	2.3970	4500.0	113	38593	No

43	GOM_NL__2PRFIN20090718_044756_000000612080_00463_38593_1345.N1	18-JUL-2009 04:47:56	Straylight	60.500	63	Bet Gru	2.1500	2800.0	121	38593	No
44	GOM_NL__2PRFIN20090718_044928_000000512080_00463_38593_1346.N1	18-JUL-2009 04:49:28	Straylight	51.000	31	Alp Gru	1.7340	15200.	102	38593	No
45	GOM_NL__2PRFIN20090718_045241_000000512080_00463_38593_1347.N1	18-JUL-2009 04:52:41	Straylight	51.000	172	Gam Gru	3.0030	13100.	102	38593	No
46	GOM_NL__2PRFIN20090718_051201_000000382080_00463_38593_1348.N1	18-JUL-2009 05:12:01	Bright	37.500	168	17Zet Aql	2.9860	11000.	75	38593	No
47	GOM_NL__2PRFIN20090718_052209_000000412080_00463_38593_1349.N1	18-JUL-2009 05:22:09	Bright	40.500	144	18Del Cyg	2.8600	11000.	81	38593	No
48	GOM_NL__2PRFIN20090718_052419_000000492080_00463_38593_1350.N1	18-JUL-2009 05:24:19	Bright	48.500	19	50Alp Cyg	1.2460	10500.	97	38593	No
49	GOM_NL__2PRFIN20090718_052918_000000442080_00463_38593_1351.N1	18-JUL-2009 05:29:18	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	38593	No
50	GOM_NL__2PRFIN20090718_053640_000000502080_00463_38593_1352.N1	18-JUL-2009 05:36:40	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	38593	No
51	GOM_NL__2PRFIN20090718_053837_000000432080_00463_38593_1353.N1	18-JUL-2009 05:38:37	Bright	43.000	68	18Alp Cas	2.2250	4500.0	86	38593	No
52	GOM_NL__2PRFIN20090718_054322_000000432080_00463_38593_1354.N1	18-JUL-2009 05:43:22	Bright	42.500	160	23Gam Per	2.9300	4700.0	85	38593	No
53	GOM_NL__2PRFIN20090718_054445_000000552080_00463_38593_1355.N1	18-JUL-2009 05:44:45	Bright	55.000	35	33Alp Per	1.7950	6250.0	110	38593	No
54	GOM_NL__2PRFIN20090718_054744_000000532080_00463_38593_1356.N1	18-JUL-2009 05:47:44	Bright	52.500	79	26Bet Per	2.3100	13100.	105	38593	No
55	GOM_NL__2PRFIN20090718_055042_000000472080_00463_38593_1357.N1	18-JUL-2009 05:50:42	Tw_i_and_stray	46.500	150	44Zet Per	2.8900	28000.	93	38593	No
56	GOM_NL__2PRFIN20090718_060135_000000602080_00463_38593_1358.N1	18-JUL-2009 06:01:35	Dark	60.000	94	92Alp Cet	2.5260	3100.0	120	38593	No
57	GOM_NL__2PRFIN20090718_062256_000000552080_00464_38594_1345.N1	18-JUL-2009 06:22:56	Dark	55.000	84	Alp Phe	2.3970	4500.0	110	38594	No
58	GOM_NL__2PRFIN20090718_062832_000000612080_00464_38594_1346.N1	18-JUL-2009 06:28:32	Straylight	61.000	63	Bet Gru	2.1500	2800.0	122	38594	No
59	GOM_NL__2PRFIN20090718_063004_000000562080_00464_38594_1347.N1	18-JUL-2009 06:30:04	Straylight	55.500	31	Alp Gru	1.7340	15200.	111	38594	No
60	GOM_NL__2PRFIN20090718_063318_000000552080_00464_38594_1348.N1	18-JUL-2009 06:33:18	Straylight	54.500	172	Gam Gru	3.0030	13100.	109	38594	No
61	GOM_NL__2PRFIN20090718_065237_000000392080_00464_38594_1349.N1	18-JUL-2009 06:52:37	Bright	39.000	168	17Zet Aql	2.9860	11000.	78	38594	No
62	GOM_NL__2PRFIN20090718_070244_000000412080_00464_38594_1350.N1	18-JUL-2009 07:02:44	Bright	40.500	144	18Del Cyg	2.8600	11000.	81	38594	No
63	GOM_NL__2PRFIN20090718_070454_000000492080_00464_38594_1351.N1	18-JUL-2009 07:04:54	Bright	48.500	19	50Alp Cyg	1.2460	10500.	97	38594	No
64	GOM_NL__2PRFIN20090718_070953_000000422080_00464_38594_1352.N1	18-JUL-2009 07:09:53	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	38594	No
65	GOM_NL__2PRFIN20090718_071715_000000742080_00464_38594_1353.N1	18-JUL-2009 07:17:15	Bright	74.000	74	11Bet Cas	2.2680	6600.0	148	38594	No
66	GOM_NL__2PRFIN20090718_071912_000000412080_00464_38594_1354.N1	18-JUL-2009 07:19:12	Bright	41.000	68	18Alp Cas	2.2250	4500.0	82	38594	No
67	GOM_NL__2PRFIN20090718_072358_000000592080_00464_38594_1355.N1	18-JUL-2009 07:23:58	Bright	59.000	160	23Gam Per	2.9300	4700.0	118	38594	No
68	GOM_NL__2PRFIN20090718_072521_000000432080_00464_38594_1356.N1	18-JUL-2009 07:25:21	Bright	43.000	35	33Alp Per	1.7950	6250.0	86	38594	No
69	GOM_NL__2PRFIN20090718_072820_000000492080_00464_38594_1357.N1	18-JUL-2009 07:28:20	Bright	49.000	79	26Bet Per	2.3100	13100.	98	38594	No
70	GOM_NL__2PRFIN20090718_073119_000000472080_00464_38594_1358.N1	18-JUL-2009 07:31:19	Tw_i_and_stray	47.000	150	44Zet Per	2.8900	28000.	94	38594	No
71	GOM_NL__2PRFIN20090718_073357_000000432080_00464_38594_1359.N1	18-JUL-2009 07:33:57	Twilight	42.500	146	25Eta Tau	2.8730	15200.	85	38594	No
72	GOM_NL__2PRFIN20090718_074212_000000602080_00464_38594_1360.N1	18-JUL-2009 07:42:12	Dark	60.000	94	92Alp Cet	2.5260	3100.0	120	38594	No
73	GOM_NL__2PRFIN20090718_080333_000000542080_00465_38595_1356.N1	18-JUL-2009 08:03:33	Dark	54.000	84	Alp Phe	2.3970	4500.0	108	38595	No
74	GOM_NL__2PRFIN20090718_080909_000000672080_00465_38595_1357.N1	18-JUL-2009 08:09:09	Straylight	67.000	63	Bet Gru	2.1500	2800.0	134	38595	No
75	GOM_NL__2PRFIN20090718_081041_000000482080_00465_38595_1358.N1	18-JUL-2009 08:10:41	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	38595	No
76	GOM_NL__2PRFIN20090718_081355_000000532080_00465_38595_1359.N1	18-JUL-2009 08:13:55	Straylight	53.000	172	Gam Gru	3.0030	13100.	106	38595	No
77	GOM_NL__2PRFIN20090718_083313_000000382080_00465_38595_1360.N1	18-JUL-2009 08:33:13	Bright	37.500	168	17Zet Aql	2.9860	11000.	75	38595	No
78	GOM_NL__2PRFIN20090718_084320_000000402080_00465_38595_1361.N1	18-JUL-2009 08:43:20	Bright	40.000	144	18Del Cyg	2.8600	11000.	80	38595	No
79	GOM_NL__2PRFIN20090718_084529_000000482080_00465_38595_1362.N1	18-JUL-2009 08:45:29	Bright	47.500	19	50Alp Cyg	1.2460	10500.	95	38595	No
80	GOM_NL__2PRFIN20090718_085028_000000442080_00465_38595_1363.N1	18-JUL-2009 08:50:28	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	38595	No
81	GOM_NL__2PRFIN20090718_085750_000000572080_00465_38595_1364.N1	18-JUL-2009 08:57:50	Bright	56.500	74	11Bet Cas	2.2680	6600.0	113	38595	No
82	GOM_NL__2PRFIN20090718_085948_000000412080_00465_38595_1365.N1	18-JUL-2009 08:59:48	Bright	41.000	68	18Alp Cas	2.2250	4500.0	82	38595	No
83	GOM_NL__2PRFIN20090718_090433_000000502080_00465_38595_1366.N1	18-JUL-2009 09:04:33	Bright	50.000	160	23Gam Per	2.9300	4700.0	100	38595	No
84	GOM_NL__2PRFIN20090718_090557_000000412080_00465_38595_1367.N1	18-JUL-2009 09:05:57	Bright	40.500	35	33Alp Per	1.7950	6250.0	81	38595	No
85	GOM_NL__2PRFIN20090718_090855_000000432080_00465_38595_1368.N1	18-JUL-2009 09:08:55	Bright	42.500	79	26Bet Per	2.3100	13100.	85	38595	No
86	GOM_NL__2PRFIN20090718_091155_000000462080_00465_38595_1369.N1	18-JUL-2009 09:11:55	Tw_i_and_stray	46.000	150	44Zet Per	2.8900	28000.	92	38595	No
87	GOM_NL__2PRFIN20090718_091433_000000412080_00465_38595_1370.N1	18-JUL-2009 09:14:33	Twilight	40.500	146	25Eta Tau	2.8730	15200.	81	38595	No
88	GOM_NL__2PRFIN20090718_092249_000000712080_00465_38595_1371.N1	18-JUL-2009 09:22:49	Dark	70.500	94	92Alp Cet	2.5260	3100.0	141	38595	No
89	GOM_NL__2PRFIN20090718_094410_000000582080_00466_38596_1395.N1	18-JUL-2009 09:44:10	Dark	57.500	84	Alp Phe	2.3970	4500.0	115	38596	No
90	GOM_NL__2PRFIN20090718_094946_000000592080_00466_38596_1396.N1	18-JUL-2009 09:49:46	Straylight	58.500	63	Bet Gru	2.1500	2800.0	117	38596	No
91	GOM_NL__2PRFIN20090718_095118_000000472080_00466_38596_1397.N1	18-JUL-2009 09:51:18	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	38596	No
92	GOM_NL__2PRFIN20090718_095431_000000532080_00466_38596_1398.N1	18-JUL-2009 09:54:31	Straylight	53.000	172	Gam Gru	3.0030	13100.	106	38596	No
93	GOM_NL__2PRFIN20090718_101349_000000392080_00466_38596_1399.N1	18-JUL-2009 10:13:49	Bright	38.500	168	17Zet Aql	2.9860	11000.	77	38596	No
94	GOM_NL__2PRFIN20090718_102355_000000412080_00466_38596_1400.N1	18-JUL-2009 10:23:55	Bright	41.000	144	18Del Cyg	2.8600	11000.	82	38596	No
95	GOM_NL__2PRFIN20090718_102604_000000512080_00466_38596_1401.N1	18-JUL-2009 10:26:04	Bright	50.500	19	50Alp Cyg	1.2460	10500.	101	38596	No
96	GOM_NL__2PRFIN20090718_103104_000000442080_00466_38596_1402.N1	18-JUL-2009 10:31:04	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	38596	No
97	GOM_NL__2PRFIN20090718_103826_000000502080_00466_38596_1403.N1	18-JUL-2009 10:38:26	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	38596	No
98	GOM_NL__2PRFIN20090718_104023_000000392080_00466_38596_1404.N1	18-JUL-2009 10:40:23	Bright	39.000	68	18Alp Cas	2.2250	4500.0	78	38596	No
99	GOM_NL__2PRFIN20090718_104509_000000402080_00466_38596_1405.N1	18-JUL-2009 10:45:09	Bright	40.000	160	23Gam Per	2.9300	4700.0	80	38596	No
100	GOM_NL__2PRFIN20090718_104632_000000442080_00466_38596_1406.N1	18-JUL-2009 10:46:32	Bright	44.000	35	33Alp Per	1.7950	6250.0	88	38596	No
101	GOM_NL__2PRFIN20090718_104931_000000502080_00466_38596_1407.N1	18-JUL-2009 10:49:31	Bright	50.000	79	26Bet Per	2.3100	13100.	100	38596	No

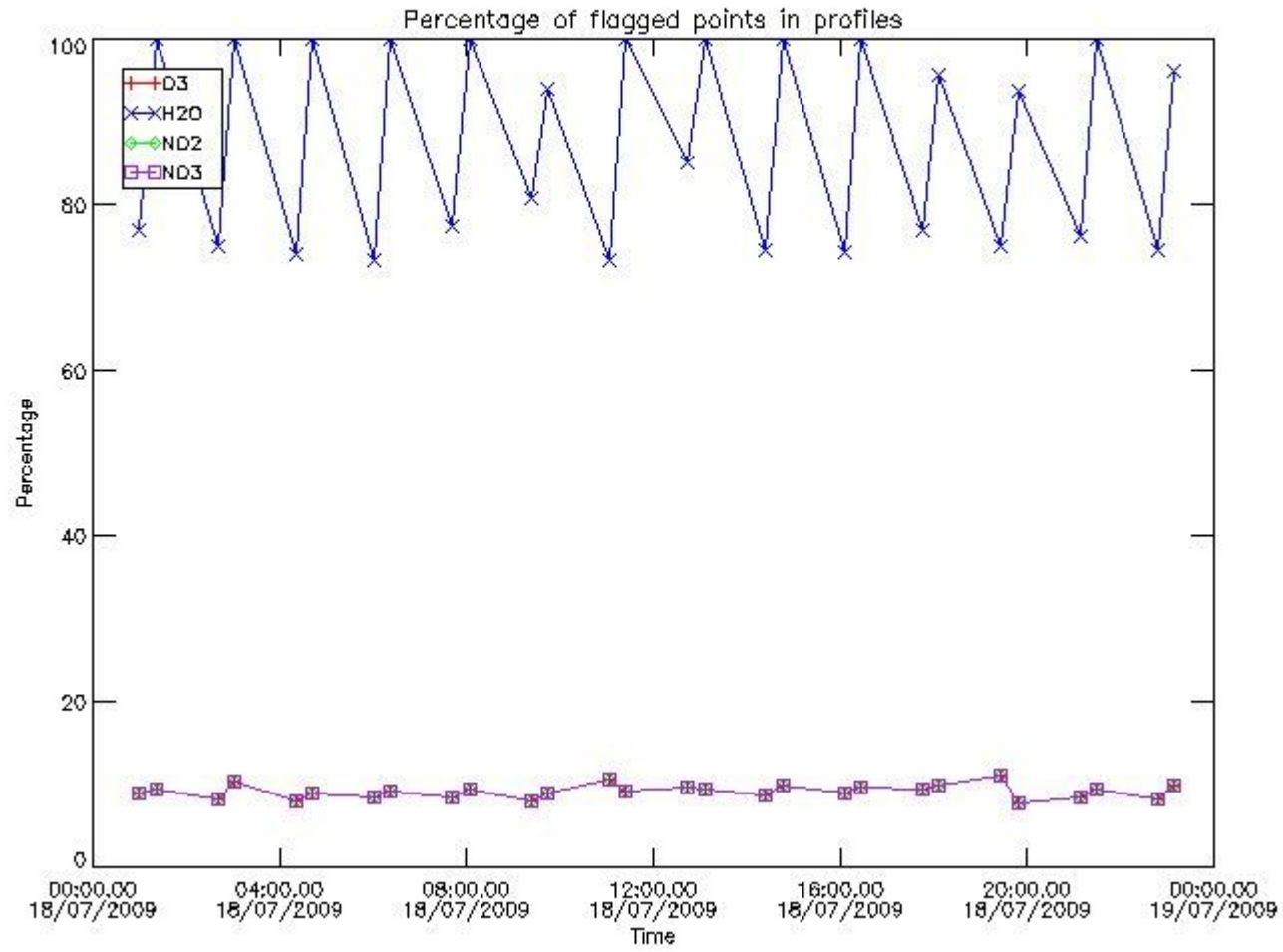
102	GOM_NL__2PRFIN20090718_105231_000000462080_00466_38596_1408.N1	18-JUL-2009 10:52:31	Twilight	45.500	150	44Zet Per	2.8900	28000.	91	38596	No
103	GOM_NL__2PRFIN20090718_105509_000000472080_00466_38596_1409.N1	18-JUL-2009 10:55:09	Twilight	46.500	146	25Eta Tau	2.8730	15200.	93	38596	No
104	GOM_NL__2PRFIN20090718_110325_000000622080_00466_38596_1410.N1	18-JUL-2009 11:03:25	Dark	62.000	94	92Alp Cet	2.5260	3100.0	124	38596	No
105	GOM_NL__2PRFIN20090718_112447_000000562080_00467_38597_1440.N1	18-JUL-2009 11:24:47	Dark	56.000	84	Alp Phe	2.3970	4500.0	112	38597	No
106	GOM_NL__2PRFIN20090718_113022_000000522080_00467_38597_1441.N1	18-JUL-2009 11:30:22	Straylight	52.000	63	Bet Gru	2.1500	2800.0	104	38597	No
107	GOM_NL__2PRFIN20090718_113154_000000502080_00467_38597_1442.N1	18-JUL-2009 11:31:54	Straylight	50.000	31	Alp Gru	1.7340	15200.	100	38597	No
108	GOM_NL__2PRFIN20090718_113508_000000502080_00467_38597_1443.N1	18-JUL-2009 11:35:08	Straylight	50.000	172	Gam Gru	3.0030	13100.	100	38597	No
109	GOM_NL__2PRFIN20090718_115424_000000562080_00467_38597_1444.N1	18-JUL-2009 11:54:24	Bright	56.000	168	17Zet Aql	2.9860	11000.	112	38597	No
110	GOM_NL__2PRFIN20090718_120431_000000422080_00467_38597_1445.N1	18-JUL-2009 12:04:31	Bright	42.000	144	18Del Cyg	2.8600	11000.	84	38597	No
111	GOM_NL__2PRFIN20090718_120639_000000512080_00467_38597_1446.N1	18-JUL-2009 12:06:39	Bright	51.000	19	50Alp Cyg	1.2460	10500.	102	38597	No
112	GOM_NL__2PRFIN20090718_121139_000000412080_00467_38597_1447.N1	18-JUL-2009 12:11:39	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	38597	No
113	GOM_NL__2PRFIN20090718_121901_000000532080_00467_38597_1448.N1	18-JUL-2009 12:19:01	Bright	53.000	74	11Bet Cas	2.2680	6600.0	106	38597	No
114	GOM_NL__2PRFIN20090718_122058_000000392080_00467_38597_1449.N1	18-JUL-2009 12:20:58	Bright	39.000	68	18Alp Cas	2.2250	4500.0	78	38597	No
115	GOM_NL__2PRFIN20090718_122545_000000502080_00467_38597_1450.N1	18-JUL-2009 12:25:45	Bright	50.000	160	23Gam Per	2.9300	4700.0	100	38597	No
116	GOM_NL__2PRFIN20090718_122708_000000452080_00467_38597_1451.N1	18-JUL-2009 12:27:08	Bright	44.500	35	33Alp Per	1.7950	6250.0	89	38597	No
117	GOM_NL__2PRFIN20090718_123007_000000462080_00467_38597_1452.N1	18-JUL-2009 12:30:07	Bright	46.000	79	26Bet Per	2.3100	13100.	92	38597	No
118	GOM_NL__2PRFIN20090718_123307_000000432080_00467_38597_1453.N1	18-JUL-2009 12:33:07	Twilight	43.000	150	44Zet Per	2.8900	28000.	86	38597	No
119	GOM_NL__2PRFIN20090718_123545_000000422080_00467_38597_1454.N1	18-JUL-2009 12:35:45	Twilight	41.500	146	25Eta Tau	2.8730	15200.	83	38597	No
120	GOM_NL__2PRFIN20090718_124402_000000642080_00467_38597_1455.N1	18-JUL-2009 12:44:02	Dark	64.000	94	92Alp Cet	2.5260	3100.0	128	38597	No
121	GOM_NL__2PRFIN20090718_130524_000000542080_00468_38598_1454.N1	18-JUL-2009 13:05:24	Dark	54.000	84	Alp Phe	2.3970	4500.0	108	38598	No
122	GOM_NL__2PRFIN20090718_131059_000000532080_00468_38598_1455.N1	18-JUL-2009 13:10:59	Straylight	53.000	63	Bet Gru	2.1500	2800.0	106	38598	No
123	GOM_NL__2PRFIN20090718_131231_000000452080_00468_38598_1456.N1	18-JUL-2009 13:12:31	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	38598	No
124	GOM_NL__2PRFIN20090718_131544_000000502080_00468_38598_1457.N1	18-JUL-2009 13:15:44	Straylight	49.500	172	Gam Gru	3.0030	13100.	99	38598	No
125	GOM_NL__2PRFIN20090718_133500_000000382080_00468_38598_1458.N1	18-JUL-2009 13:35:00	Bright	37.500	168	17Zet Aql	2.9860	11000.	75	38598	No
126	GOM_NL__2PRFIN20090718_134506_000000412080_00468_38598_1459.N1	18-JUL-2009 13:45:06	Bright	41.000	144	18Del Cyg	2.8600	11000.	82	38598	No
127	GOM_NL__2PRFIN20090718_135214_000000432080_00468_38598_1460.N1	18-JUL-2009 13:52:14	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	38598	No
128	GOM_NL__2PRFIN20090718_135936_000000472080_00468_38598_1461.N1	18-JUL-2009 13:59:36	Bright	47.000	74	11Bet Cas	2.2680	6600.0	94	38598	No
129	GOM_NL__2PRFIN20090718_140133_000000372080_00468_38598_1462.N1	18-JUL-2009 14:01:33	Twilight	37.000	68	18Alp Cas	2.2250	4500.0	74	38598	No
130	GOM_NL__2PRFIN20090718_140620_000000492080_00468_38598_1463.N1	18-JUL-2009 14:06:20	Bright	49.000	160	23Gam Per	2.9300	4700.0	98	38598	No
131	GOM_NL__2PRFIN20090718_140744_000000582080_00468_38598_1464.N1	18-JUL-2009 14:07:44	Bright	57.500	35	33Alp Per	1.7950	6250.0	115	38598	No
132	GOM_NL__2PRFIN20090718_141043_000000452080_00468_38598_1465.N1	18-JUL-2009 14:10:43	Bright	45.000	79	26Bet Per	2.3100	13100.	90	38598	No
133	GOM_NL__2PRFIN20090718_141343_000000402080_00468_38598_1466.N1	18-JUL-2009 14:13:43	Twilight	39.500	150	44Zet Per	2.8900	28000.	79	38598	No
134	GOM_NL__2PRFIN20090718_141621_000000472080_00468_38598_1467.N1	18-JUL-2009 14:16:21	Twilight	47.000	146	25Eta Tau	2.8730	15200.	94	38598	No
135	GOM_NL__2PRFIN20090718_142439_000000592080_00468_38598_1468.N1	18-JUL-2009 14:24:39	Dark	59.000	94	92Alp Cet	2.5260	3100.0	118	38598	No
136	GOM_NL__2PRFIN20090718_144601_000000572080_00469_38599_1468.N1	18-JUL-2009 14:46:01	Dark	57.000	84	Alp Phe	2.3970	4500.0	114	38599	No
137	GOM_NL__2PRFIN20090718_145136_000000492080_00469_38599_1469.N1	18-JUL-2009 14:51:36	Straylight	49.000	63	Bet Gru	2.1500	2800.0	98	38599	No
138	GOM_NL__2PRFIN20090718_145308_000000462080_00469_38599_1470.N1	18-JUL-2009 14:53:08	Straylight	46.000	31	Alp Gru	1.7340	15200.	92	38599	No
139	GOM_NL__2PRFIN20090718_145621_000000542080_00469_38599_1471.N1	18-JUL-2009 14:56:21	Straylight	53.500	172	Gam Gru	3.0030	13100.	107	38599	No
140	GOM_NL__2PRFIN20090718_151536_000000362080_00469_38599_1472.N1	18-JUL-2009 15:15:36	Bright	36.000	168	17Zet Aql	2.9860	11000.	72	38599	No
141	GOM_NL__2PRFIN20090718_152542_000000412080_00469_38599_1473.N1	18-JUL-2009 15:25:42	Bright	41.000	144	18Del Cyg	2.8600	11000.	82	38599	No
142	GOM_NL__2PRFIN20090718_153250_000000392080_00469_38599_1474.N1	18-JUL-2009 15:32:50	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	38599	No
143	GOM_NL__2PRFIN20090718_154011_000000502080_00469_38599_1475.N1	18-JUL-2009 15:40:11	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	38599	No
144	GOM_NL__2PRFIN20090718_154209_000000372080_00469_38599_1476.N1	18-JUL-2009 15:42:09	Bright	37.000	68	18Alp Cas	2.2250	4500.0	74	38599	No
145	GOM_NL__2PRFIN20090718_154656_000000452080_00469_38599_1477.N1	18-JUL-2009 15:46:56	Bright	44.500	160	23Gam Per	2.9300	4700.0	89	38599	No
146	GOM_NL__2PRFIN20090718_154820_000000582080_00469_38599_1478.N1	18-JUL-2009 15:48:20	Bright	58.000	35	33Alp Per	1.7950	6250.0	116	38599	No
147	GOM_NL__2PRFIN20090718_155119_000000502080_00469_38599_1479.N1	18-JUL-2009 15:51:19	Bright	50.000	79	26Bet Per	2.3100	13100.	100	38599	No
148	GOM_NL__2PRFIN20090718_155419_000000452080_00469_38599_1480.N1	18-JUL-2009 15:54:19	Twilight	45.000	150	44Zet Per	2.8900	28000.	90	38599	No
149	GOM_NL__2PRFIN20090718_155658_000000472080_00469_38599_1481.N1	18-JUL-2009 15:56:58	Twilight	46.500	146	25Eta Tau	2.8730	15200.	93	38599	No
150	GOM_NL__2PRFIN20090718_160516_000000632080_00469_38599_1482.N1	18-JUL-2009 16:05:16	Dark	62.500	94	92Alp Cet	2.5260	3100.0	125	38599	No
151	GOM_NL__2PRFIN20090718_162638_000000532080_00470_38600_1482.N1	18-JUL-2009 16:26:38	Dark	53.000	84	Alp Phe	2.3970	4500.0	106	38600	No
152	GOM_NL__2PRFIN20090718_163213_000000552080_00470_38600_1483.N1	18-JUL-2009 16:32:13	Straylight	54.500	63	Bet Gru	2.1500	2800.0	109	38600	No
153	GOM_NL__2PRFIN20090718_163345_000000472080_00470_38600_1484.N1	18-JUL-2009 16:33:45	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	38600	No
154	GOM_NL__2PRFIN20090718_163658_000000512080_00470_38600_1485.N1	18-JUL-2009 16:36:58	Straylight	50.500	172	Gam Gru	3.0030	13100.	101	38600	No
155	GOM_NL__2PRFIN20090718_165612_000000392080_00470_38600_1486.N1	18-JUL-2009 16:56:12	Bright	39.000	168	17Zet Aql	2.9860	11000.	78	38600	No
156	GOM_NL__2PRFIN20090718_170617_000000412080_00470_38600_1487.N1	18-JUL-2009 17:06:17	Bright	41.000	144	18Del Cyg	2.8600	11000.	82	38600	No
157	GOM_NL__2PRFIN20090718_171325_000000432080_00470_38600_1488.N1	18-JUL-2009 17:13:25	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	38600	No
158	GOM_NL__2PRFIN20090718_172046_000000502080_00470_38600_1489.N1	18-JUL-2009 17:20:46	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	38600	No
159	GOM_NL__2PRFIN20090718_172244_000000362080_00470_38600_1490.N1	18-JUL-2009 17:22:44	Twilight	36.000	68	18Alp Cas	2.2250	4500.0	72	38600	No
160	GOM_NL__2PRFIN20090718_172732_000000422080_00470_38600_1491.N1	18-JUL-2009 17:27:32	Bright	41.500	160	23Gam Per	2.9300	4700.0	83	38600	No

161	GOM_NL__2PRFIN20090718_172856_000000432080_00470_38600_1492.N1	18-JUL-2009 17:28:56	Bright	42.500	35	33Alp Per	1.7950	6250.0	85	38600	No
162	GOM_NL__2PRFIN20090718_173155_000000492080_00470_38600_1493.N1	18-JUL-2009 17:31:55	Bright	49.000	79	26Bet Per	2.3100	13100.	98	38600	No
163	GOM_NL__2PRFIN20090718_173455_000000432080_00470_38600_1494.N1	18-JUL-2009 17:34:55	Twilight	43.000	150	44Zet Per	2.8900	28000.	86	38600	No
164	GOM_NL__2PRFIN20090718_173734_000000442080_00470_38600_1495.N1	18-JUL-2009 17:37:34	Twilight	44.000	146	25Eta Tau	2.8730	15200.	88	38600	No
165	GOM_NL__2PRFIN20090718_174553_000000652080_00470_38600_1496.N1	18-JUL-2009 17:45:53	Dark	65.000	94	92Alp Cet	2.5260	3100.0	130	38600	No
166	GOM_NL__2PRFIN20090718_180715_000000572080_00471_38601_1493.N1	18-JUL-2009 18:07:15	Dark	57.000	84	Alp Phe	2.3970	4500.0	114	38601	No
167	GOM_NL__2PRFIN20090718_181249_000000492080_00471_38601_1494.N1	18-JUL-2009 18:12:49	Straylight	49.000	63	Bet Gru	2.1500	2800.0	98	38601	No
168	GOM_NL__2PRFIN20090718_181421_000000482080_00471_38601_1495.N1	18-JUL-2009 18:14:21	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	38601	No
169	GOM_NL__2PRFIN20090718_181734_000000532080_00471_38601_1496.N1	18-JUL-2009 18:17:34	Straylight	53.000	172	Gam Gru	3.0030	13100.	106	38601	No
170	GOM_NL__2PRFIN20090718_183648_000000382080_00471_38601_1497.N1	18-JUL-2009 18:36:48	Bright	38.000	168	17Zet Aql	2.9860	11000.	76	38601	No
171	GOM_NL__2PRFIN20090718_184653_000000412080_00471_38601_1498.N1	18-JUL-2009 18:46:53	Bright	40.500	144	18Del Cyg	2.8600	11000.	81	38601	No
172	GOM_NL__2PRFIN20090718_185401_000000412080_00471_38601_1499.N1	18-JUL-2009 18:54:01	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	38601	No
173	GOM_NL__2PRFIN20090718_190121_000000542080_00471_38601_1500.N1	18-JUL-2009 19:01:21	Bright	53.500	74	11Bet Cas	2.2680	6600.0	107	38601	No
174	GOM_NL__2PRFIN20090718_190319_000000362080_00471_38601_1501.N1	18-JUL-2009 19:03:19	Twilight	36.000	68	18Alp Cas	2.2250	4500.0	72	38601	No
175	GOM_NL__2PRFIN20090718_190808_000000622080_00471_38601_1502.N1	18-JUL-2009 19:08:08	Bright	62.000	160	23Gam Per	2.9300	4700.0	124	38601	No
176	GOM_NL__2PRFIN20090718_190931_000000412080_00471_38601_1503.N1	18-JUL-2009 19:09:31	Bright	41.000	35	33Alp Per	1.7950	6250.0	82	38601	No
177	GOM_NL__2PRFIN20090718_191231_000000502080_00471_38601_1504.N1	18-JUL-2009 19:12:31	Bright	50.000	79	26Bet Per	2.3100	13100.	100	38601	No
178	GOM_NL__2PRFIN20090718_191531_000000452080_00471_38601_1505.N1	18-JUL-2009 19:15:31	Twilight	44.500	150	44Zet Per	2.8900	28000.	89	38601	No
179	GOM_NL__2PRFIN20090718_191810_000000462080_00471_38601_1506.N1	18-JUL-2009 19:18:10	Twilight	45.500	146	25Eta Tau	2.8730	15200.	91	38601	No
180	GOM_NL__2PRFIN20090718_192630_000000652080_00471_38601_1507.N1	18-JUL-2009 19:26:30	Dark	64.500	94	92Alp Cet	2.5260	3100.0	129	38601	No
181	GOM_NL__2PRFIN20090718_194752_000000662080_00472_38602_1506.N1	18-JUL-2009 19:47:52	Dark	65.500	84	Alp Phe	2.3970	4500.0	131	38602	No
182	GOM_NL__2PRFIN20090718_195326_000000612080_00472_38602_1507.N1	18-JUL-2009 19:53:26	Straylight	61.000	63	Bet Gru	2.1500	2800.0	122	38602	No
183	GOM_NL__2PRFIN20090718_195458_000000452080_00472_38602_1508.N1	18-JUL-2009 19:54:58	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	38602	No
184	GOM_NL__2PRFIN20090718_195811_000000512080_00472_38602_1509.N1	18-JUL-2009 19:58:11	Straylight	50.500	172	Gam Gru	3.0030	13100.	101	38602	No
185	GOM_NL__2PRFIN20090718_201723_000000382080_00472_38602_1510.N1	18-JUL-2009 20:17:23	Bright	37.500	168	17Zet Aql	2.9860	11000.	75	38602	No
186	GOM_NL__2PRFIN20090718_202728_000000402080_00472_38602_1511.N1	18-JUL-2009 20:27:28	Bright	40.000	144	18Del Cyg	2.8600	11000.	80	38602	No
187	GOM_NL__2PRFIN20090718_202935_000000502080_00472_38602_1512.N1	18-JUL-2009 20:29:35	Bright	50.000	19	50Alp Cyg	1.2460	10500.	100	38602	No
188	GOM_NL__2PRFIN20090718_203436_000000432080_00472_38602_1513.N1	18-JUL-2009 20:34:36	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	38602	No
189	GOM_NL__2PRFIN20090718_204157_000000742080_00472_38602_1514.N1	18-JUL-2009 20:41:57	Bright	74.000	74	11Bet Cas	2.2680	6600.0	148	38602	No
190	GOM_NL__2PRFIN20090718_204354_000000342080_00472_38602_1515.N1	18-JUL-2009 20:43:54	Twilight	34.000	68	18Alp Cas	2.2250	4500.0	68	38602	No
191	GOM_NL__2PRFIN20090718_204843_000000422080_00472_38602_1516.N1	18-JUL-2009 20:48:43	Bright	42.000	160	23Gam Per	2.9300	4700.0	84	38602	No
192	GOM_NL__2PRFIN20090718_205007_000000452080_00472_38602_1517.N1	18-JUL-2009 20:50:07	Bright	45.000	35	33Alp Per	1.7950	6250.0	90	38602	No
193	GOM_NL__2PRFIN20090718_205327_000000392080_00472_38602_1518.N1	18-JUL-2009 20:53:27	Bright	38.500	149	45Eps Per	2.8880	30000.	77	38602	No
194	GOM_NL__2PRFIN20090718_205607_000000452080_00472_38602_1519.N1	18-JUL-2009 20:56:07	Twilight	44.500	150	44Zet Per	2.8900	28000.	89	38602	No
195	GOM_NL__2PRFIN20090718_205846_000000462080_00472_38602_1520.N1	18-JUL-2009 20:58:46	Twilight	46.000	146	25Eta Tau	2.8730	15200.	92	38602	No
196	GOM_NL__2PRFIN20090718_210706_000000612080_00472_38602_1521.N1	18-JUL-2009 21:07:06	Dark	61.000	94	92Alp Cet	2.5260	3100.0	122	38602	No
197	GOM_NL__2PRFIN20090718_212829_000000542080_00473_38603_1518.N1	18-JUL-2009 21:28:29	Dark	54.000	84	Alp Phe	2.3970	4500.0	108	38603	No
198	GOM_NL__2PRFIN20090718_213403_000000642080_00473_38603_1519.N1	18-JUL-2009 21:34:03	Straylight	64.000	63	Bet Gru	2.1500	2800.0	128	38603	No
199	GOM_NL__2PRFIN20090718_213534_000000482080_00473_38603_1520.N1	18-JUL-2009 21:35:34	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	38603	No
200	GOM_NL__2PRFIN20090718_213848_000000502080_00473_38603_1521.N1	18-JUL-2009 21:38:48	Straylight	49.500	172	Gam Gru	3.0030	13100.	99	38603	No
201	GOM_NL__2PRFIN20090718_215759_000000392080_00473_38603_1522.N1	18-JUL-2009 21:57:59	Bright	38.500	168	17Zet Aql	2.9860	11000.	77	38603	No
202	GOM_NL__2PRFIN20090718_220804_000000412080_00473_38603_1523.N1	18-JUL-2009 22:08:04	Bright	41.000	144	18Del Cyg	2.8600	11000.	82	38603	No
203	GOM_NL__2PRFIN20090718_221010_000000472080_00473_38603_1524.N1	18-JUL-2009 22:10:10	Bright	47.000	19	50Alp Cyg	1.2460	10500.	94	38603	No
204	GOM_NL__2PRFIN20090718_221511_000000452080_00473_38603_1525.N1	18-JUL-2009 22:15:11	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	38603	No
205	GOM_NL__2PRFIN20090718_222232_000000522080_00473_38603_1526.N1	18-JUL-2009 22:22:32	Bright	52.000	74	11Bet Cas	2.2680	6600.0	104	38603	No
206	GOM_NL__2PRFIN20090718_222429_000000342080_00473_38603_1527.N1	18-JUL-2009 22:24:29	Twilight	34.000	68	18Alp Cas	2.2250	4500.0	68	38603	No
207	GOM_NL__2PRFIN20090718_222919_000000432080_00473_38603_1528.N1	18-JUL-2009 22:29:19	Bright	42.500	160	23Gam Per	2.9300	4700.0	85	38603	No
208	GOM_NL__2PRFIN20090718_223043_000000492080_00473_38603_1529.N1	18-JUL-2009 22:30:43	Bright	48.500	35	33Alp Per	1.7950	6250.0	97	38603	No
209	GOM_NL__2PRFIN20090718_223403_000000382080_00473_38603_1530.N1	18-JUL-2009 22:34:03	Bright	37.500	149	45Eps Per	2.8880	30000.	75	38603	No
210	GOM_NL__2PRFIN20090718_223643_000000392080_00473_38603_1531.N1	18-JUL-2009 22:36:43	Twilight	39.000	150	44Zet Per	2.8900	28000.	78	38603	No
211	GOM_NL__2PRFIN20090718_223922_000000472080_00473_38603_1532.N1	18-JUL-2009 22:39:22	Twilight	47.000	146	25Eta Tau	2.8730	15200.	94	38603	No
212	GOM_NL__2PRFIN20090718_224743_000000632080_00473_38603_1533.N1	18-JUL-2009 22:47:43	Dark	62.500	94	92Alp Cet	2.5260	3100.0	125	38603	No
213	GOM_NL__2PRFIN20090718_230906_000000512080_00474_38604_1537.N1	18-JUL-2009 23:09:06	Dark	51.000	84	Alp Phe	2.3970	4500.0	102	38604	No
214	GOM_NL__2PRFIN20090718_231439_000000622080_00474_38604_1538.N1	18-JUL-2009 23:14:39	Straylight	62.000	63	Bet Gru	2.1500	2800.0	124	38604	No
215	GOM_NL__2PRFIN20090718_231610_000000472080_00474_38604_1539.N1	18-JUL-2009 23:16:10	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	38604	No
216	GOM_NL__2PRFIN20090718_231924_000000492080_00474_38604_1540.N1	18-JUL-2009 23:19:24	Straylight	48.500	172	Gam Gru	3.0030	13100.	97	38604	No
217	GOM_NL__2PRFIN20090718_233835_000000412080_00474_38604_1541.N1	18-JUL-2009 23:38:35	Bright	40.500	168	17Zet Aql	2.9860	11000.	81	38604	No
218	GOM_NL__2PRFIN20090718_234839_000000402080_00474_38604_1542.N1	18-JUL-2009 23:48:39	Bright	40.000	144	18Del Cyg	2.8600	11000.	80	38604	No
219	GOM_NL__2PRFIN20090718_235045_000000502080_00474_38604_1543.N1	18-JUL-2009 23:50:45	Bright	49.500	19	50Alp Cyg	1.2460	10500.	99	38604	No

3. Quality information per product

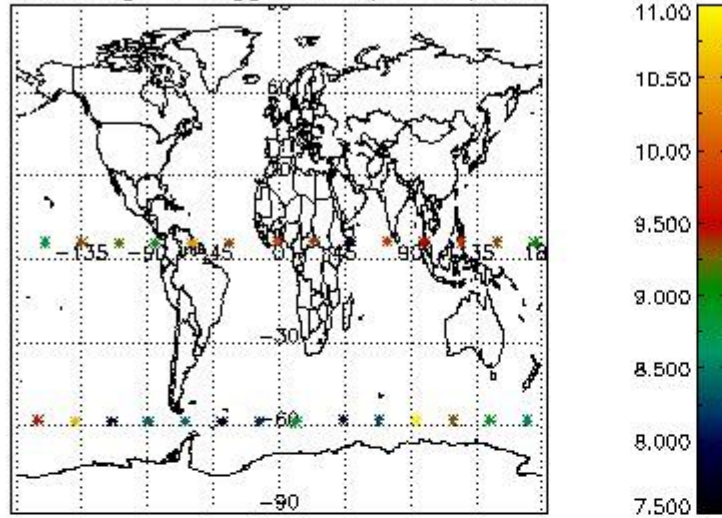
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

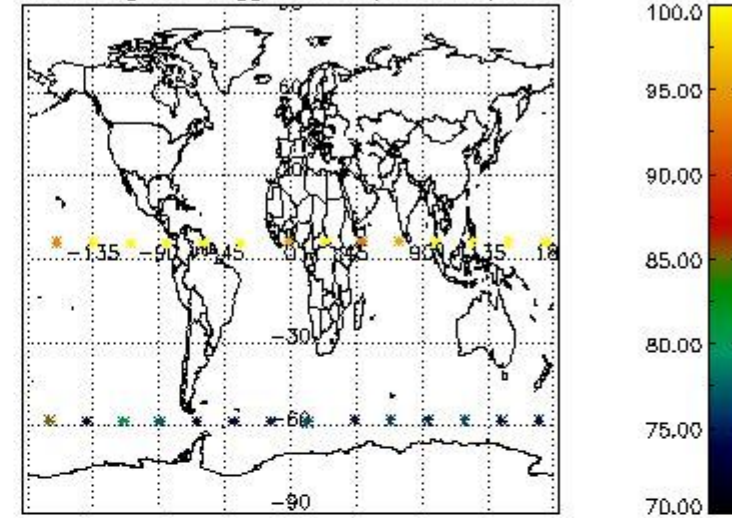


3.2 Plot quality information per product (world map)

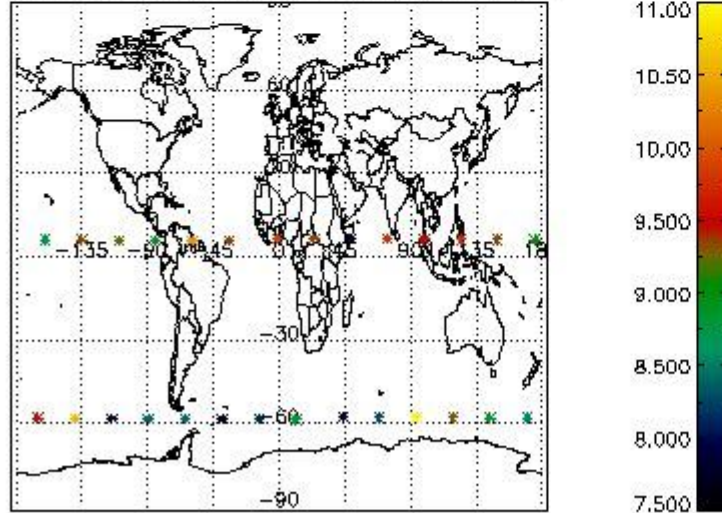
Percentage of flagged data per O3 profile



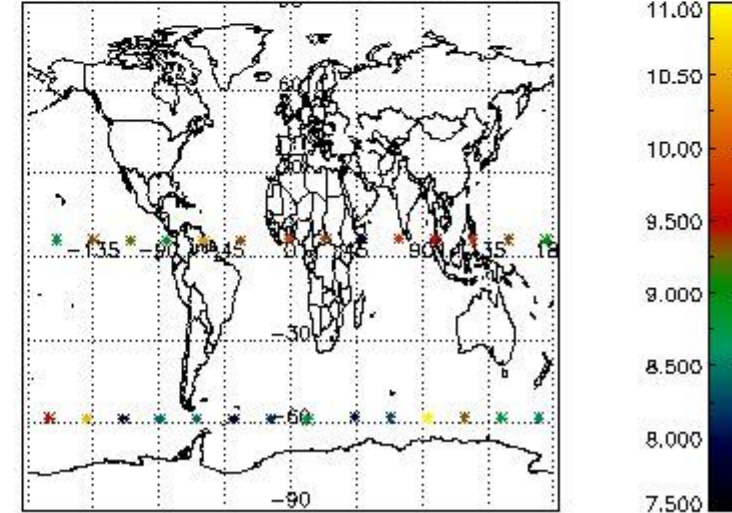
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

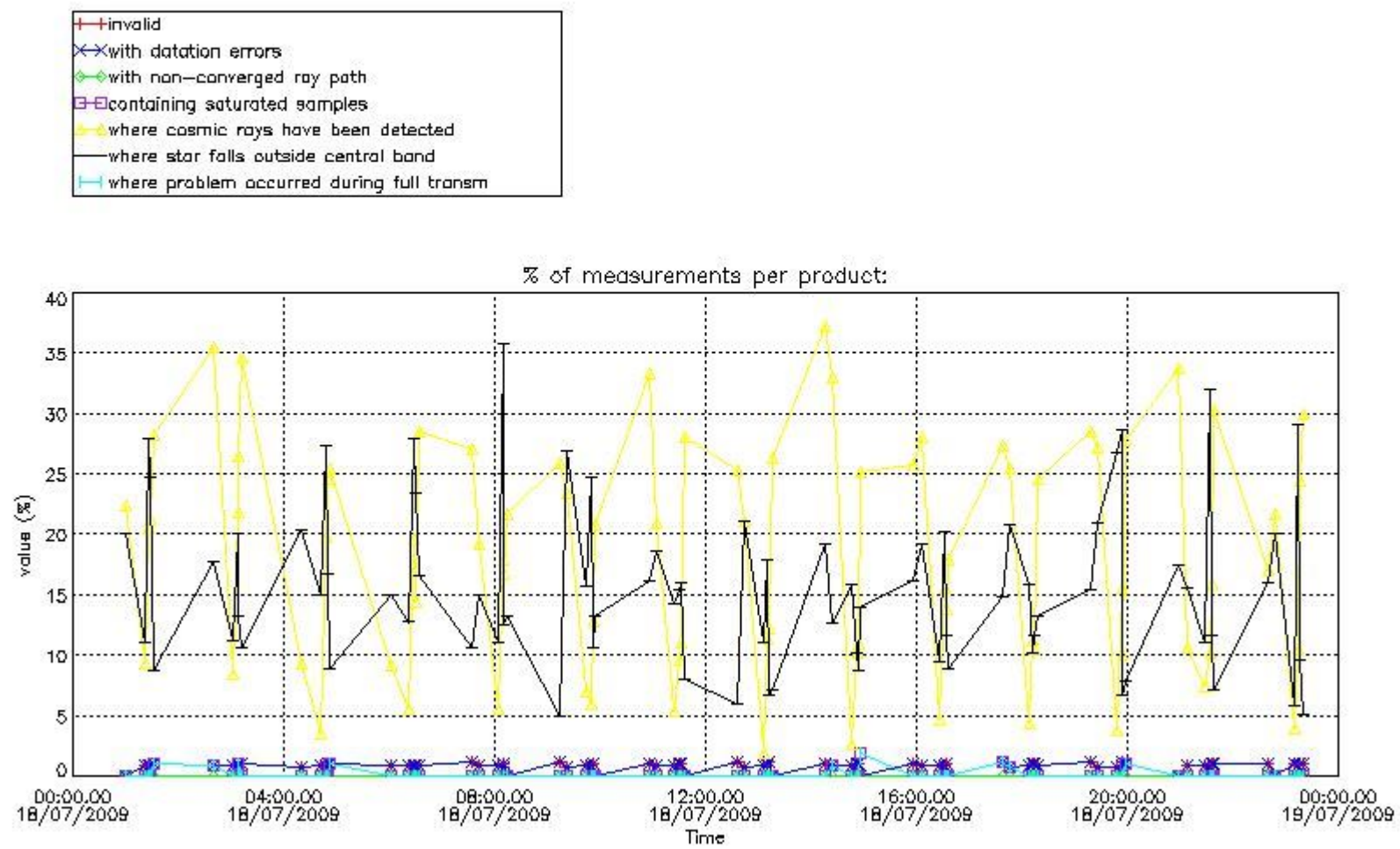


4. Level 1 quality information per product

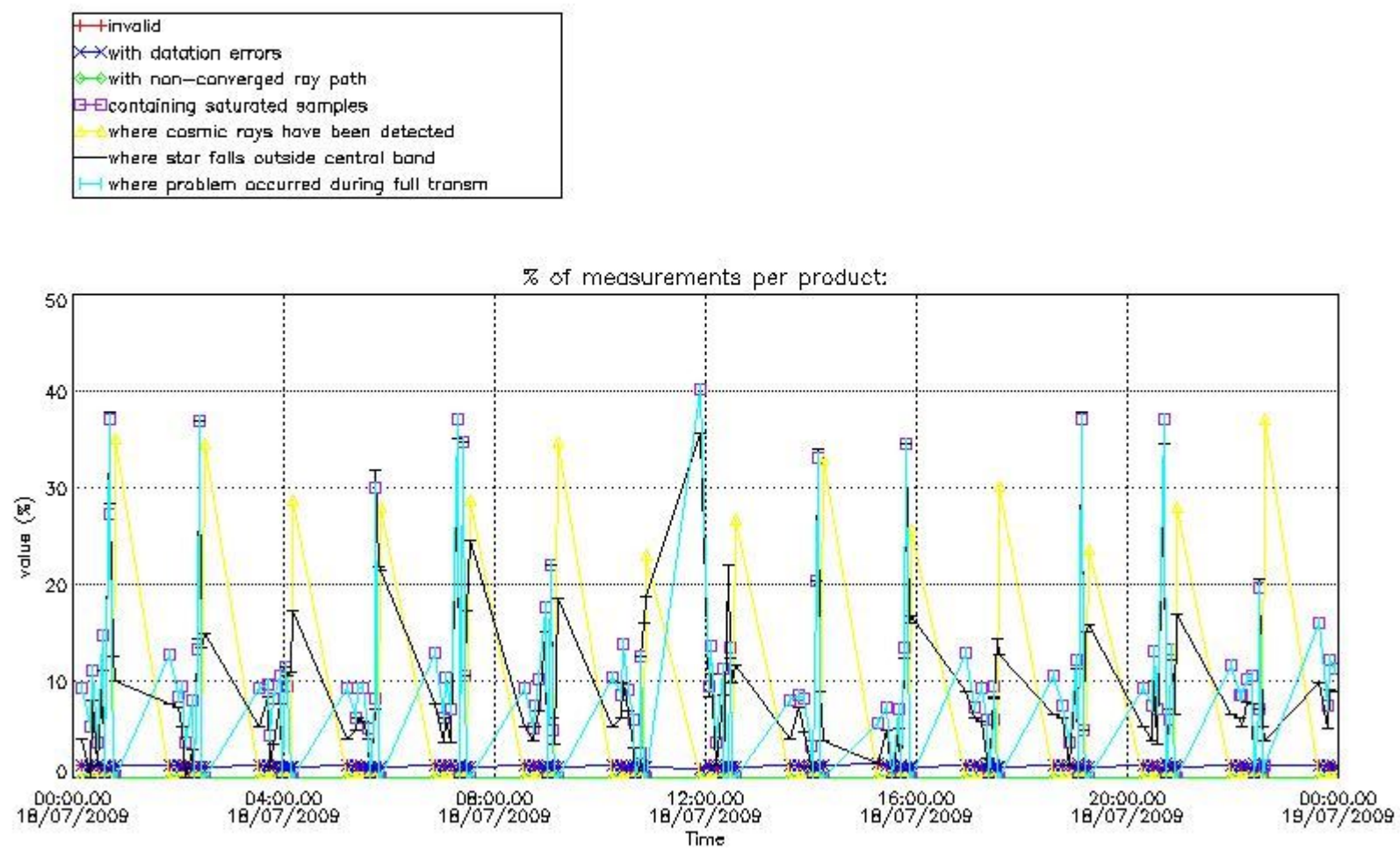
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



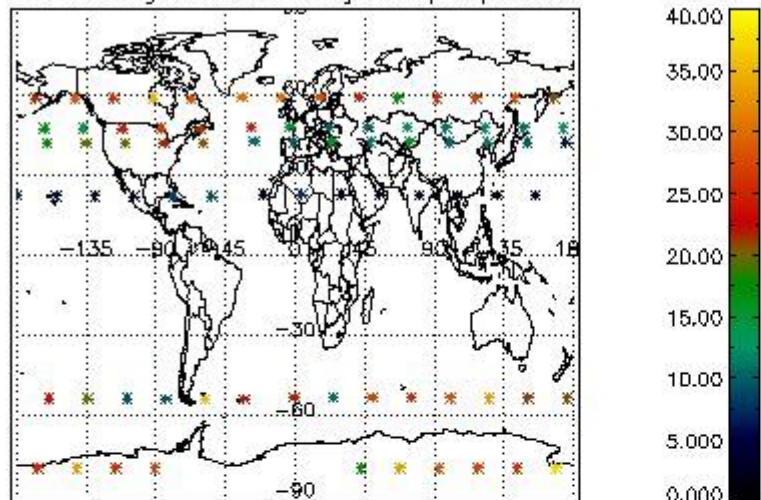
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



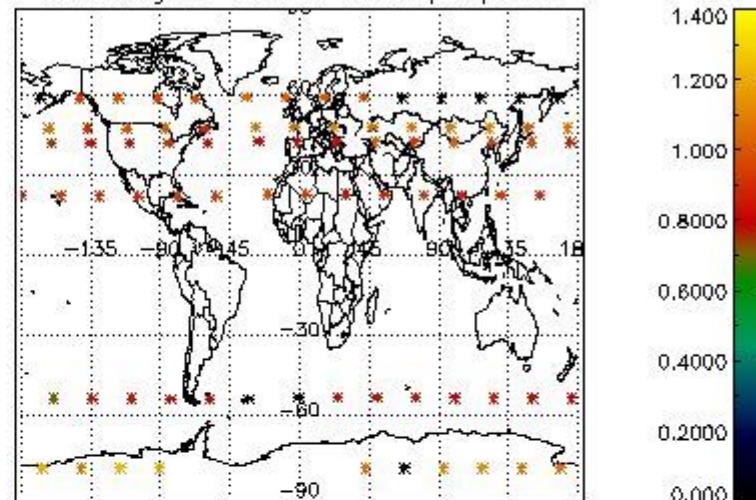
4.2 Plot quality information per product coming from level 1b processing (world map)

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

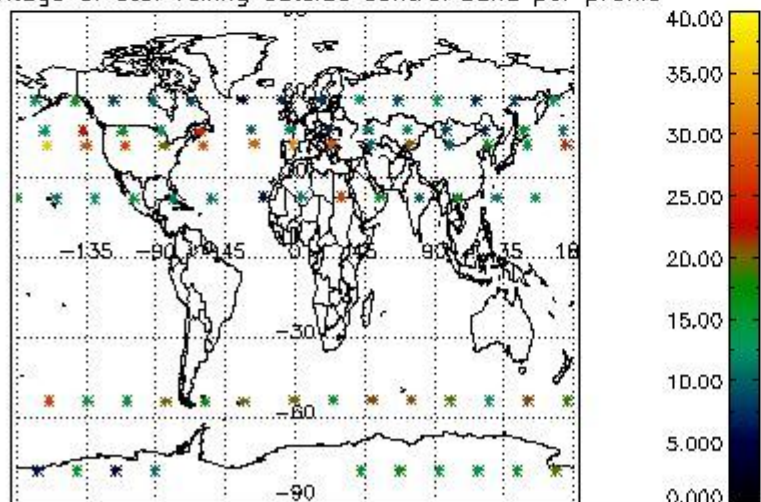
Percentage of cosmic ray hits per profile



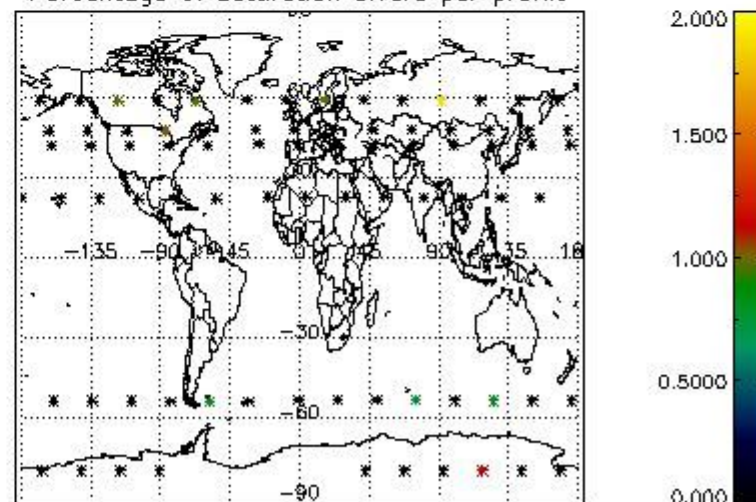
Percentage of datation errors per profile



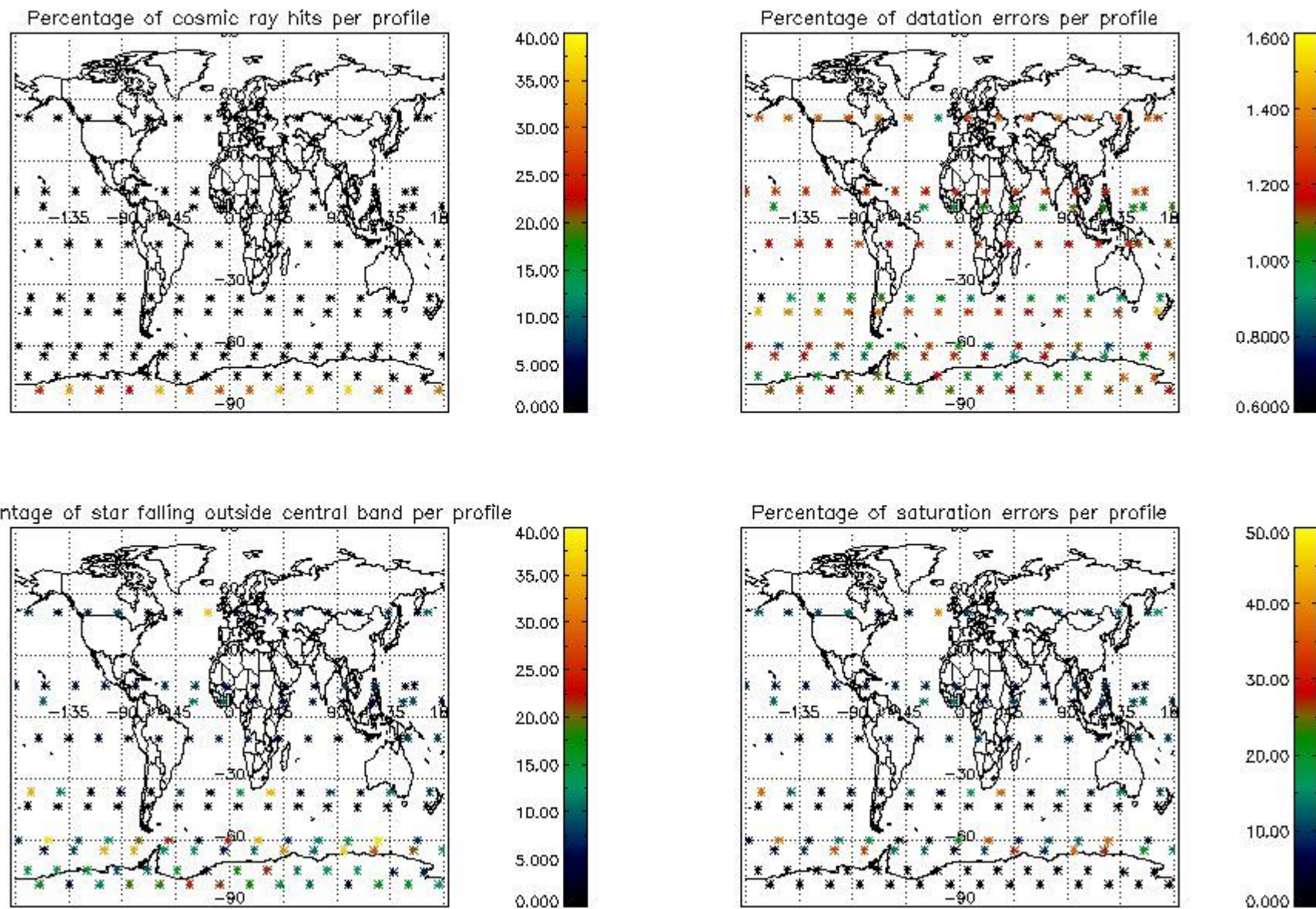
Percentage of star falling outside central band per profile



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

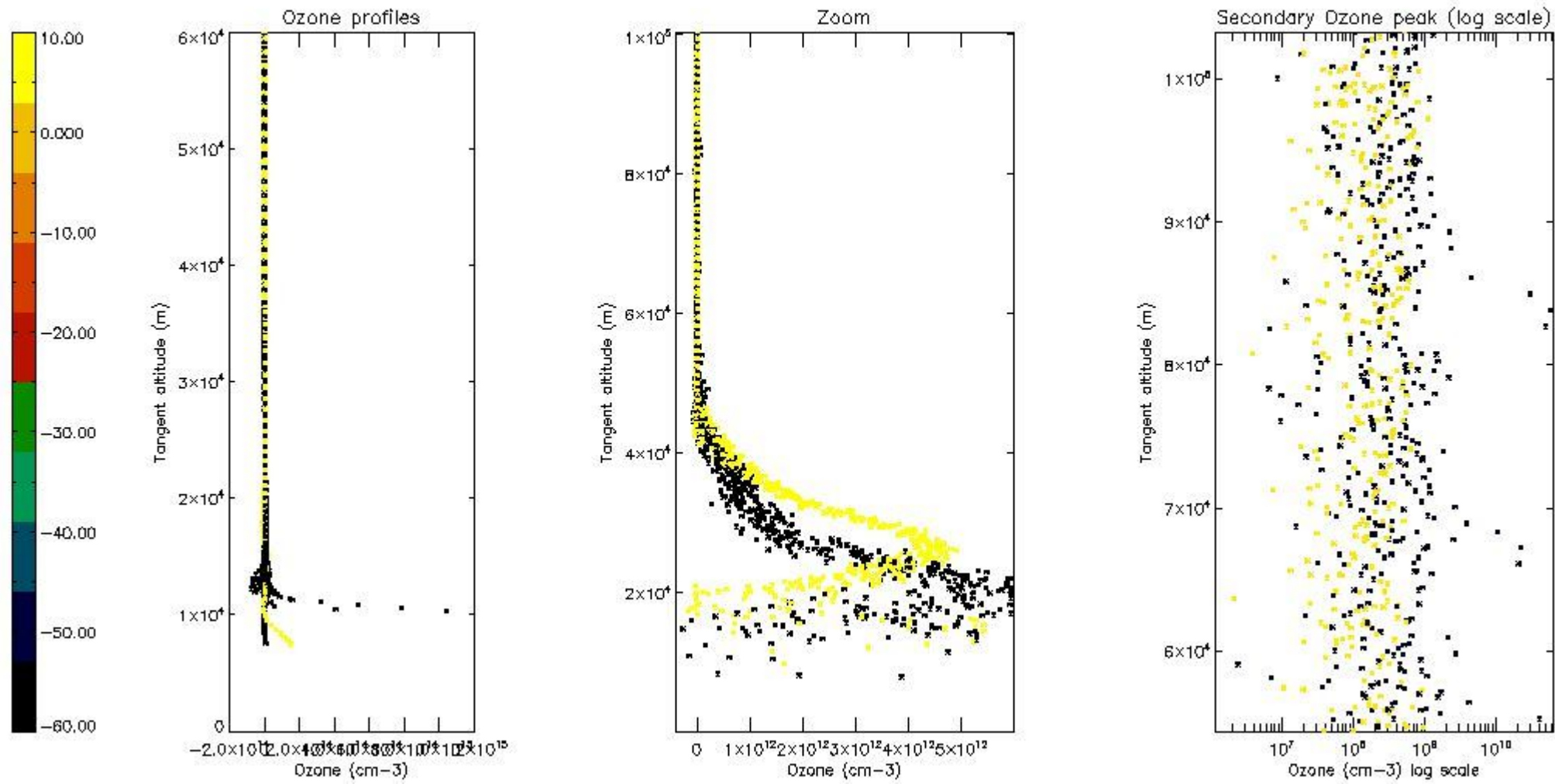
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	16
STD < 20	4

STD < 10	2
STD < 5	0

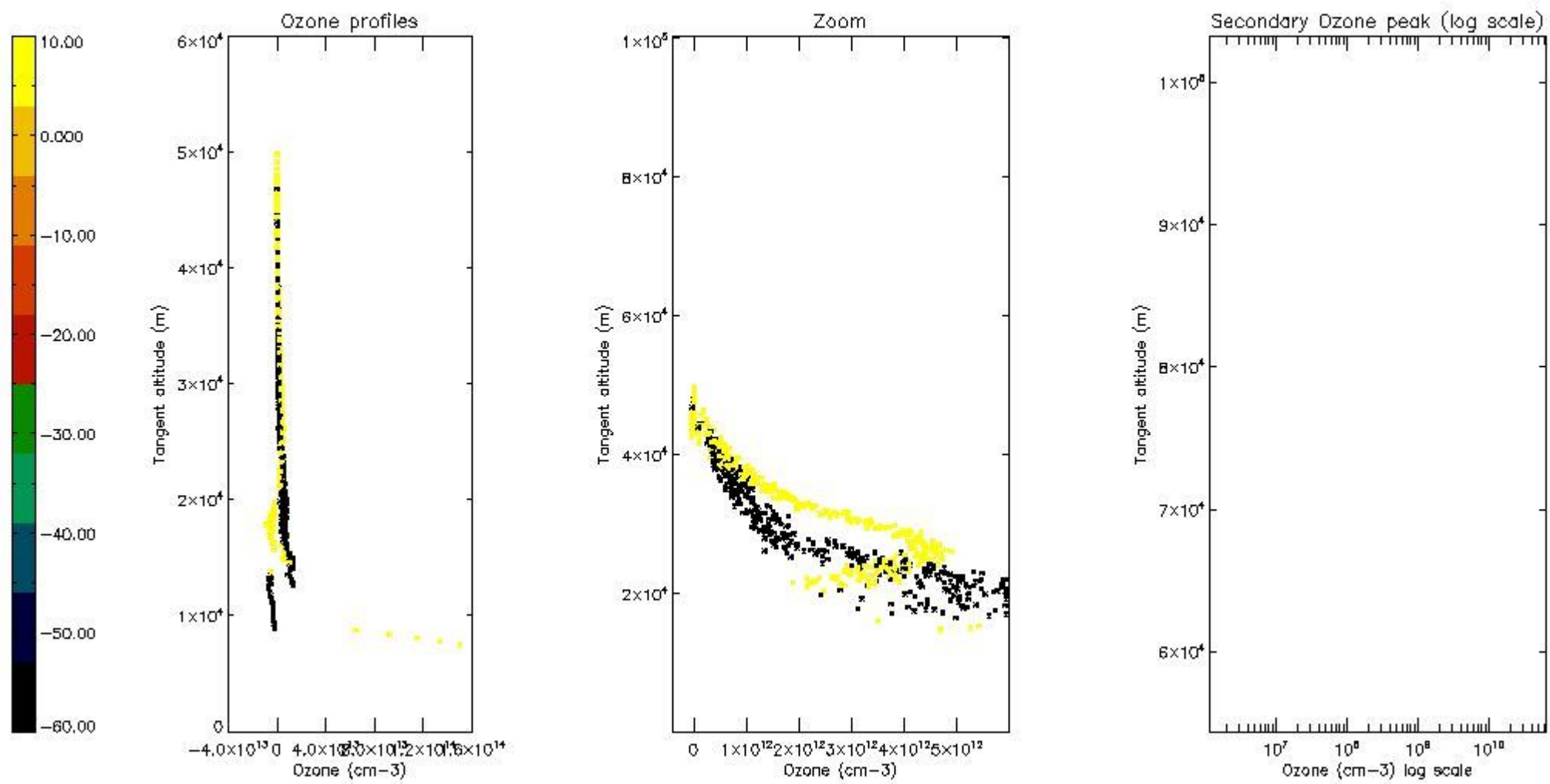
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



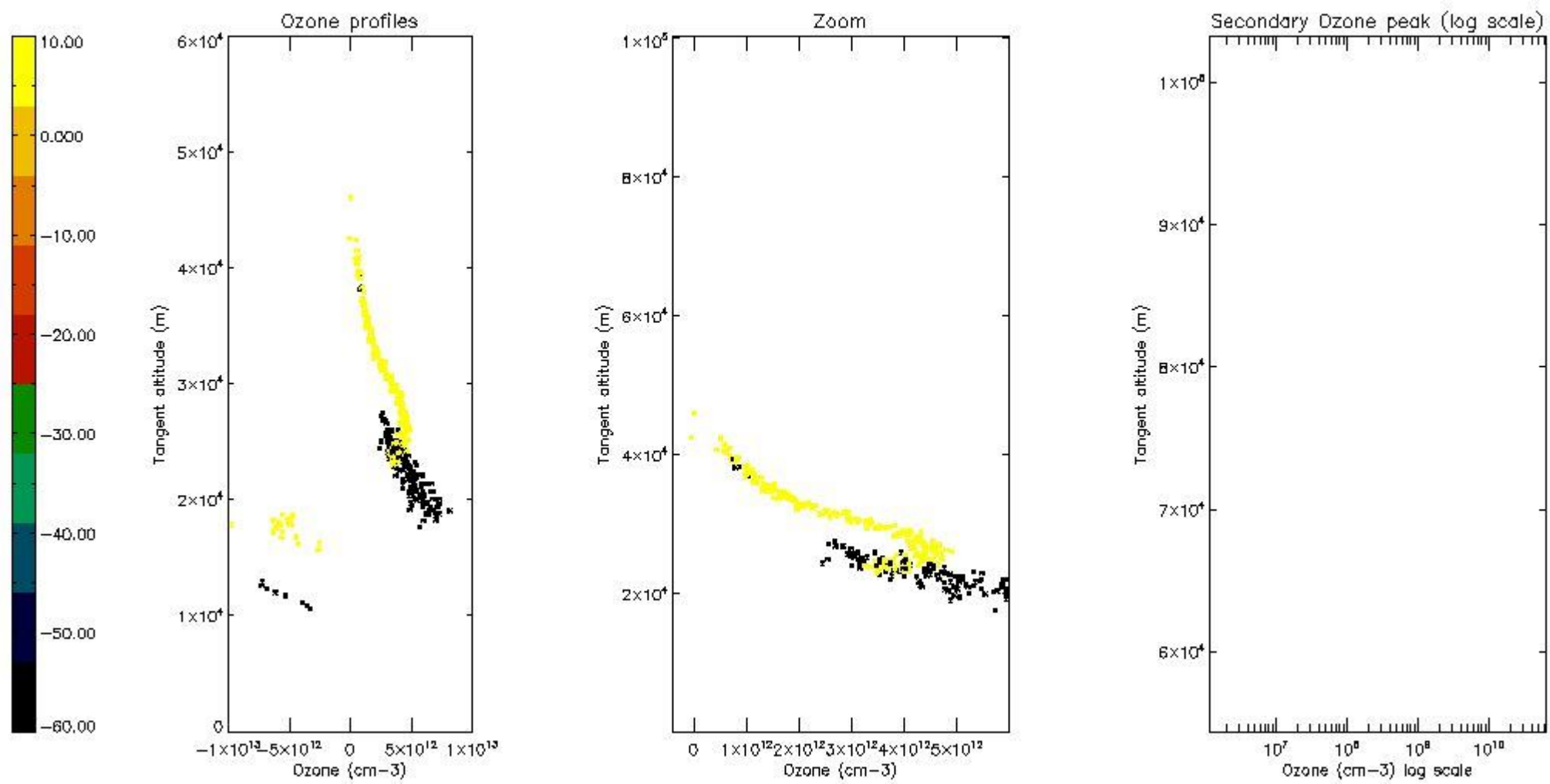
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



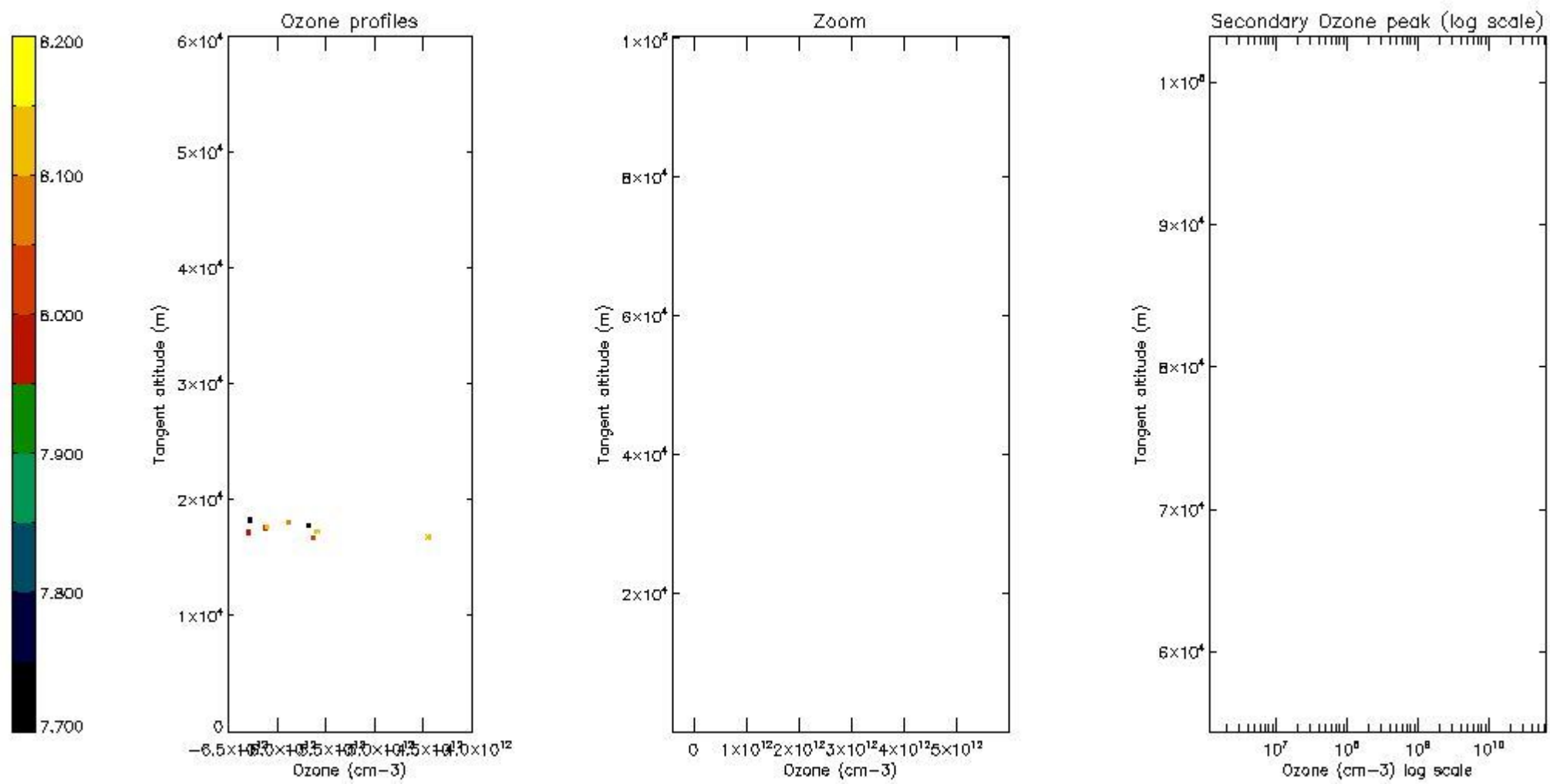
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



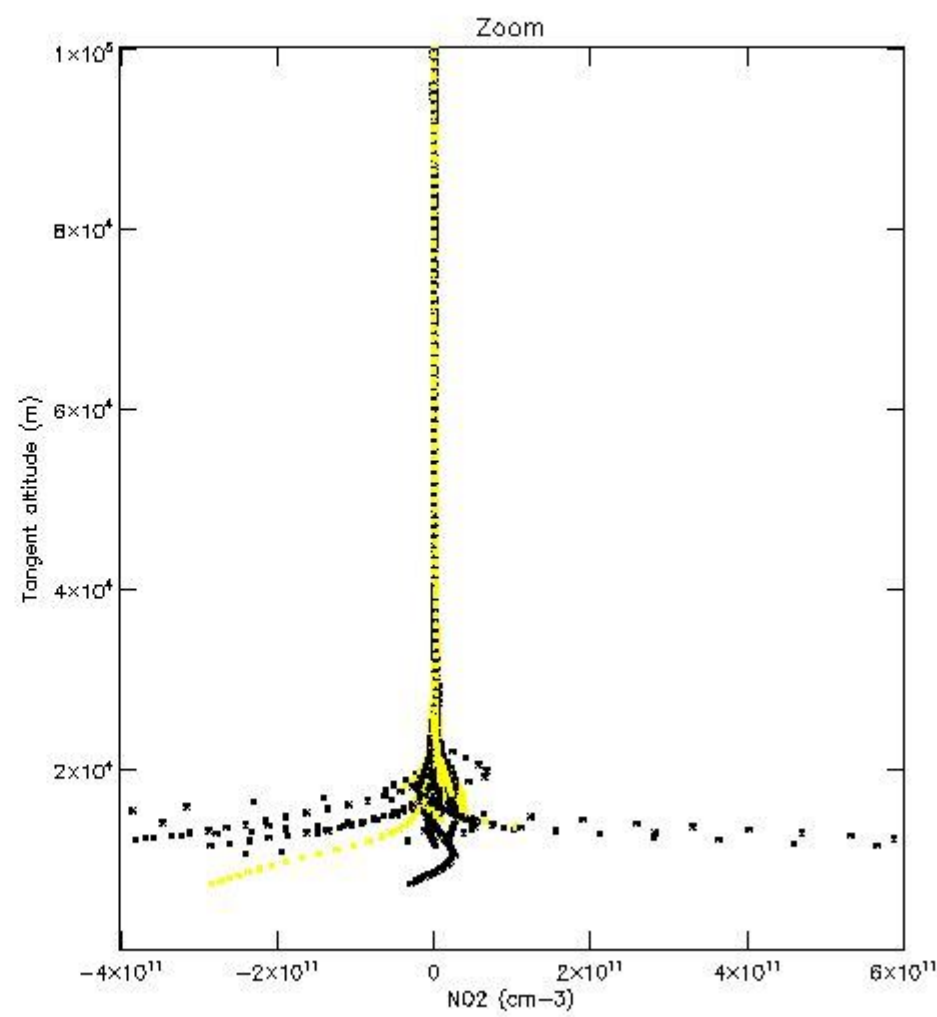
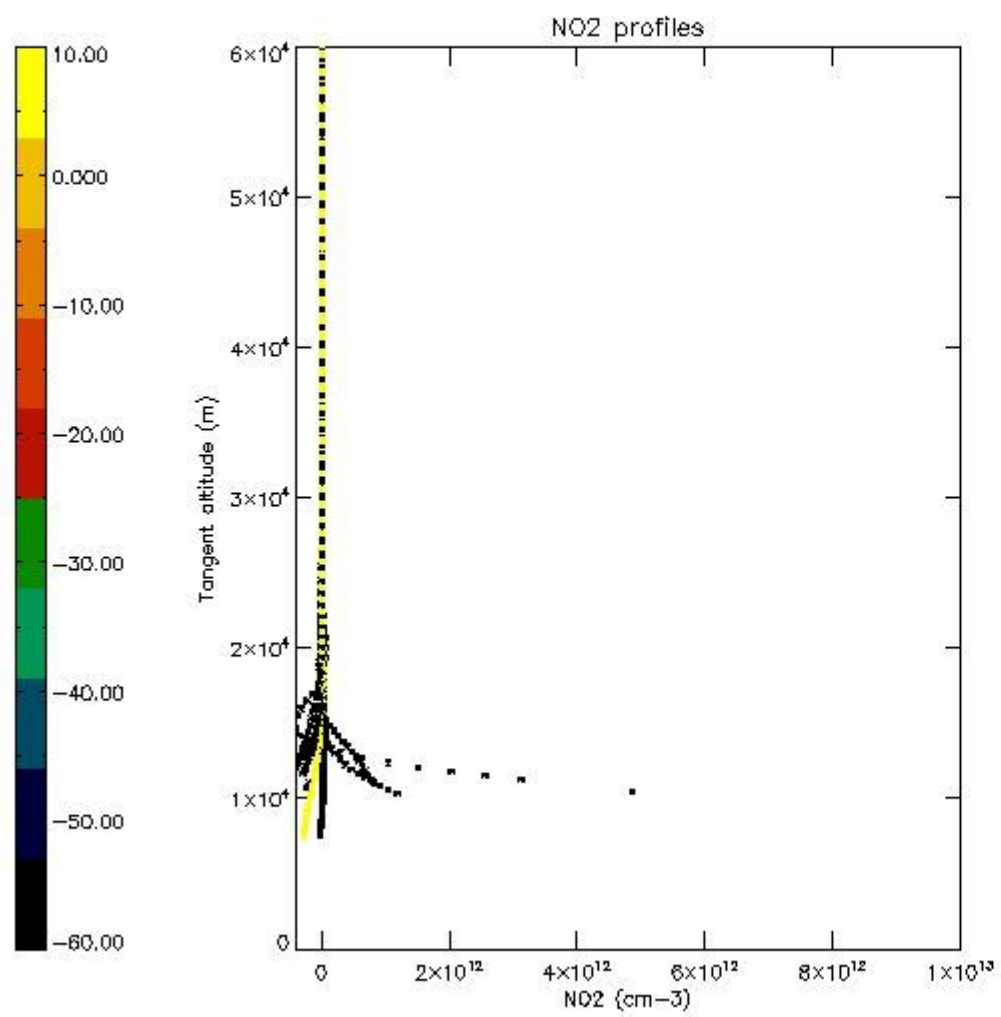
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



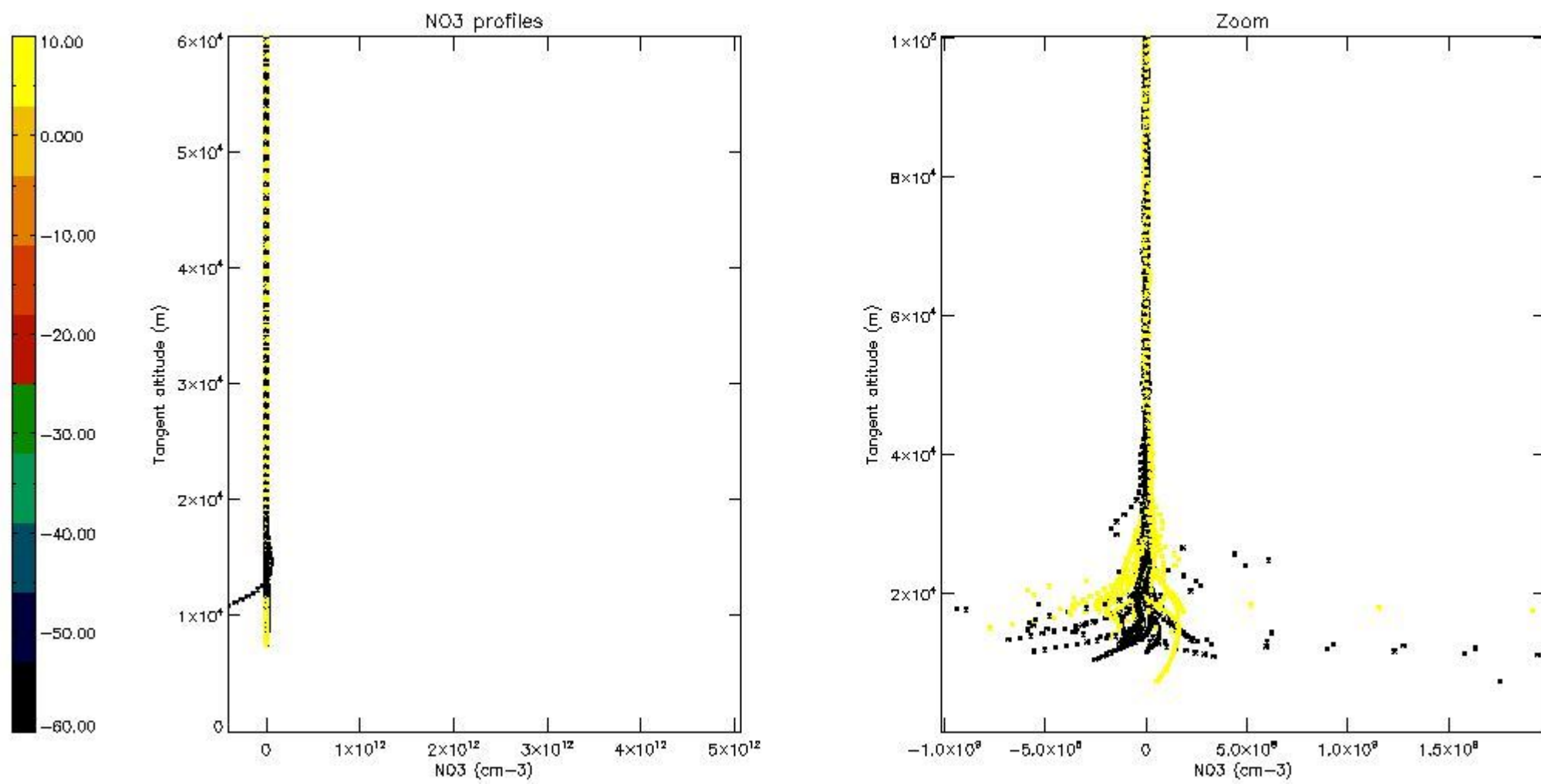
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



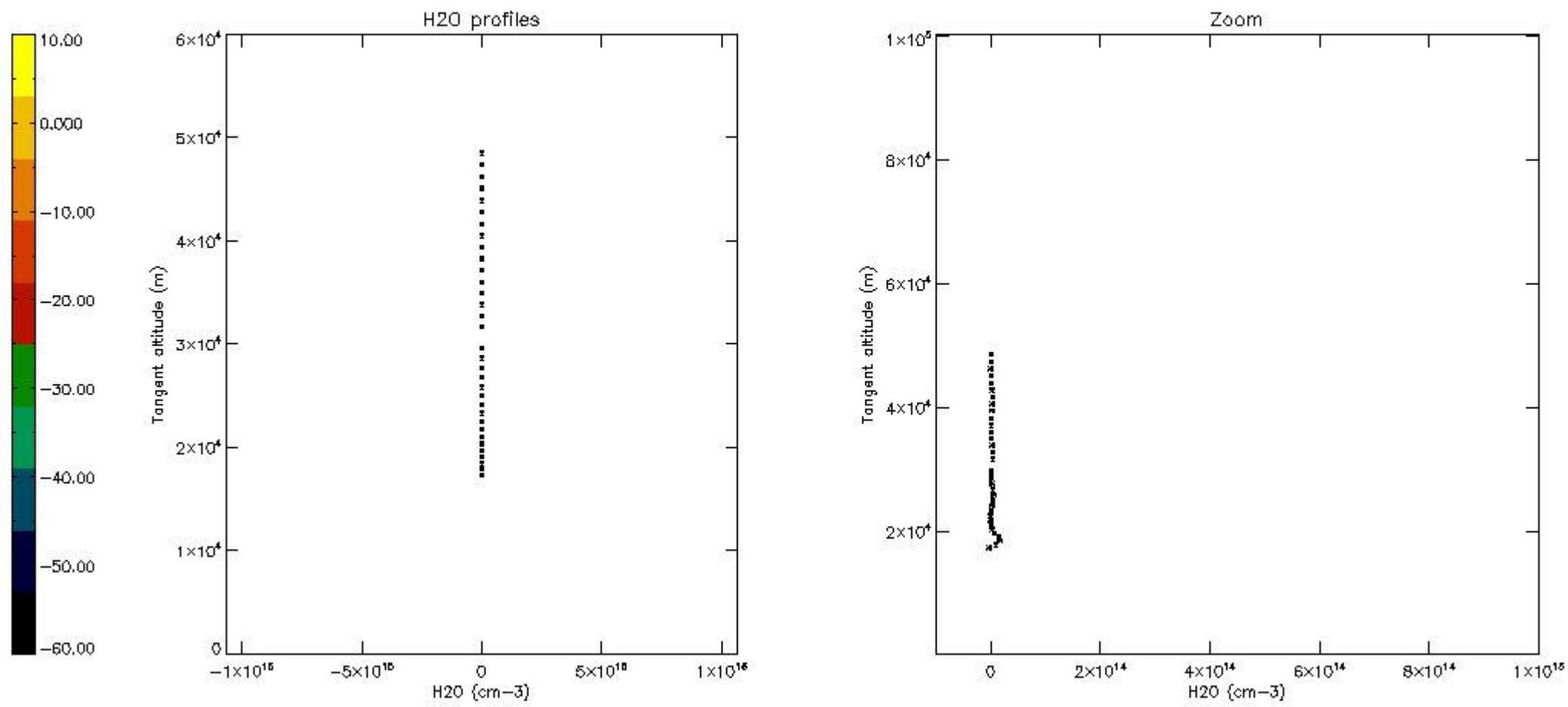
5.7 Plot NO3 profiles for all STD (dark without errors)

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	18-JUL-2009 00:10:14
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	18-JUL-2009 00:10:14
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	18-JUL-2009 00:10:14

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

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

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

[5.4. Plot ozone profiles where STD < 10% \(dark without errors\)](#)

[5.5. Plot ozone profiles where STD < 5% \(dark without errors\)](#)

[5.6 Plot NO2 profiles for all STD \(dark without errors\)](#)

[5.7 Plot NO3 profiles for all STD \(dark without errors\)](#)

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

[6. Auxiliary Data Files used for the production reported in section 2](#)

This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM_NL__2P). It is intended to monitor some important parameters that will impact the quality of these products. A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

Item	Value
Time of report generation	26APR2013 10:56:49
Data source version	GOMOS/6.01
Start time of products	18-07-2009 (18JUL2009 00:00:00)
Stop time of products	19-07-2009 (19JUL2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	220
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__2PRFIN20090718_001014_000000382080_00460_38590_1300.N1	18-JUL-2009 00:10:14	Bright	37.500	168	17Zet Aql	2.9860	11000.	75	38590	No
2	GOM_NL__2PRFIN20090718_002023_000000392080_00460_38590_1301.N1	18-JUL-2009 00:20:23	Bright	38.500	144	18Del Cyg	2.8600	11000.	77	38590	No
3	GOM_NL__2PRFIN20090718_002233_000000502080_00460_38590_1302.N1	18-JUL-2009 00:22:33	Bright	49.500	19	50Alp Cyg	1.2460	10500.	99	38590	No
4	GOM_NL__2PRFIN20090718_002732_000000412080_00460_38590_1303.N1	18-JUL-2009 00:27:32	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	38590	No
5	GOM_NL__2PRFIN20090718_003454_000000552080_00460_38590_1304.N1	18-JUL-2009 00:34:54	Bright	54.500	74	11Bet Cas	2.2680	6600.0	109	38590	No
6	GOM_NL__2PRFIN20090718_003651_000000442080_00460_38590_1305.N1	18-JUL-2009 00:36:51	Bright	44.000	68	18Alp Cas	2.2250	4500.0	88	38590	No
7	GOM_NL__2PRFIN20090718_004134_000000622080_00460_38590_1306.N1	18-JUL-2009 00:41:34	Bright	62.000	160	23Gam Per	2.9300	4700.0	124	38590	No
8	GOM_NL__2PRFIN20090718_004258_000000532080_00460_38590_1307.N1	18-JUL-2009 00:42:58	Bright	53.000	35	33Alp Per	1.7950	6250.0	106	38590	No
9	GOM_NL__2PRFIN20090718_004556_000000482080_00460_38590_1308.N1	18-JUL-2009 00:45:56	Bright	48.000	79	26Bet Per	2.3100	13100.	96	38590	No
10	GOM_NL__2PRFIN20090718_004854_000000402080_00460_38590_1309.N1	18-JUL-2009 00:48:54	Twilight	40.000	150	44Zet Per	2.8900	28000.	80	38590	No
11	GOM_NL__2PRFIN20090718_005945_000000632080_00460_38590_1310.N1	18-JUL-2009 00:59:45	Dark	62.500	94	92Alp Cet	2.5260	3100.0	125	38590	No
12	GOM_NL__2PRFIN20090718_012104_000000542080_00461_38591_1304.N1	18-JUL-2009 01:21:04	Dark	54.000	84	Alp Phe	2.3970	4500.0	108	38591	No
13	GOM_NL__2PRFIN20090718_012642_000000612080_00461_38591_1305.N1	18-JUL-2009 01:26:42	Straylight	61.000	63	Bet Gru	2.1500	2800.0	122	38591	No
14	GOM_NL__2PRFIN20090718_012815_000000572080_00461_38591_1306.N1	18-JUL-2009 01:28:15	Straylight	56.500	31	Alp Gru	1.7340	15200.	113	38591	No
15	GOM_NL__2PRFIN20090718_013128_000000522080_00461_38591_1307.N1	18-JUL-2009 01:31:28	Straylight	51.500	172	Gam Gru	3.0030	13100.	103	38591	No
16	GOM_NL__2PRFIN20090718_015050_000000402080_00461_38591_1308.N1	18-JUL-2009 01:50:50	Bright	39.500	168	17Zet Aql	2.9860	11000.	79	38591	No
17	GOM_NL__2PRFIN20090718_020058_000000422080_00461_38591_1309.N1	18-JUL-2009 02:00:58	Bright	41.500	144	18Del Cyg	2.8600	11000.	83	38591	No
18	GOM_NL__2PRFIN20090718_020308_000000482080_00461_38591_1310.N1	18-JUL-2009 02:03:08	Bright	48.000	19	50Alp Cyg	1.2460	10500.	96	38591	No
19	GOM_NL__2PRFIN20090718_020807_000000412080_00461_38591_1311.N1	18-JUL-2009 02:08:07	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	38591	No
20	GOM_NL__2PRFIN20090718_021529_000000512080_00461_38591_1312.N1	18-JUL-2009 02:15:29	Bright	50.500	74	11Bet Cas	2.2680	6600.0	101	38591	No
21	GOM_NL__2PRFIN20090718_021727_000000442080_00461_38591_1313.N1	18-JUL-2009 02:17:27	Bright	44.000	68	18Alp Cas	2.2250	4500.0	88	38591	No
22	GOM_NL__2PRFIN20090718_022210_000000452080_00461_38591_1314.N1	18-JUL-2009 02:22:10	Bright	45.000	160	23Gam Per	2.9300	4700.0	90	38591	No
23	GOM_NL__2PRFIN20090718_022333_000000612080_00461_38591_1315.N1	18-JUL-2009 02:23:33	Bright	61.000	35	33Alp Per	1.7950	6250.0	122	38591	No
24	GOM_NL__2PRFIN20090718_022632_000000492080_00461_38591_1316.N1	18-JUL-2009 02:26:32	Bright	48.500	79	26Bet Per	2.3100	13100.	97	38591	No
25	GOM_NL__2PRFIN20090718_022930_000000442080_00461_38591_1317.N1	18-JUL-2009 02:29:30	Twilight	43.500	150	44Zet Per	2.8900	28000.	87	38591	No
26	GOM_NL__2PRFIN20090718_024021_000000622080_00461_38591_1318.N1	18-JUL-2009 02:40:21	Dark	62.000	94	92Alp Cet	2.5260	3100.0	124	38591	No
27	GOM_NL__2PRFIN20090718_030141_000000542080_00462_38592_1339.N1	18-JUL-2009 03:01:41	Dark	53.500	84	Alp Phe	2.3970	4500.0	107	38592	No
28	GOM_NL__2PRFIN20090718_030719_000000552080_00462_38592_1340.N1	18-JUL-2009 03:07:19	Straylight	55.000	63	Bet Gru	2.1500	2800.0	110	38592	No
29	GOM_NL__2PRFIN20090718_030851_000000492080_00462_38592_1341.N1	18-JUL-2009 03:08:51	Straylight	49.000	31	Alp Gru	1.7340	15200.	98	38592	No
30	GOM_NL__2PRFIN20090718_031205_000000522080_00462_38592_1342.N1	18-JUL-2009 03:12:05	Straylight	52.000	172	Gam Gru	3.0030	13100.	104	38592	No
31	GOM_NL__2PRFIN20090718_033125_000000382080_00462_38592_1343.N1	18-JUL-2009 03:31:25	Bright	38.000	168	17Zet Aql	2.9860	11000.	76	38592	No
32	GOM_NL__2PRFIN20090718_034133_000000422080_00462_38592_1344.N1	18-JUL-2009 03:41:33	Bright	41.500	144	18Del Cyg	2.8600	11000.	83	38592	No
33	GOM_NL__2PRFIN20090718_034343_000000462080_00462_38592_1345.N1	18-JUL-2009 03:43:43	Bright	45.500	19	50Alp Cyg	1.2460	10500.	91	38592	No
34	GOM_NL__2PRFIN20090718_034842_000000432080_00462_38592_1346.N1	18-JUL-2009 03:48:42	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	38592	No
35	GOM_NL__2PRFIN20090718_035605_000000522080_00462_38592_1347.N1	18-JUL-2009 03:56:05	Bright	52.000	74	11Bet Cas	2.2680	6600.0	104	38592	No
36	GOM_NL__2PRFIN20090718_035802_000000432080_00462_38592_1348.N1	18-JUL-2009 03:58:02	Bright	43.000	68	18Alp Cas	2.2250	4500.0	86	38592	No
37	GOM_NL__2PRFIN20090718_040246_000000442080_00462_38592_1349.N1	18-JUL-2009 04:02:46	Bright	44.000	160	23Gam Per	2.9300	4700.0	88	38592	No
38	GOM_NL__2PRFIN20090718_040409_000000432080_00462_38592_1350.N1	18-JUL-2009 04:04:09	Bright	42.500	35	33Alp Per	1.7950	6250.0	85	38592	No
39	GOM_NL__2PRFIN20090718_040708_000000462080_00462_38592_1351.N1	18-JUL-2009 04:07:08	Bright	46.000	79	26Bet Per	2.3100	13100.	92	38592	No
40	GOM_NL__2PRFIN20090718_041006_000000442080_00462_38592_1352.N1	18-JUL-2009 04:10:06	Twilight	43.500	150	44Zet Per	2.8900	28000.	87	38592	No
41	GOM_NL__2PRFIN20090718_042058_000000642080_00462_38592_1353.N1	18-JUL-2009 04:20:58	Dark	64.000	94	92Alp Cet	2.5260	3100.0	128	38592	No
42	GOM_NL__2PRFIN20090718_044218_000000572080_00463_38593_1344.N1	18-JUL-2009 04:42:18	Dark	56.500	84	Alp Phe	2.3970	4500.0	113	38593	No

43	GOM_NL__2PRFIN20090718_044756_000000612080_00463_38593_1345.N1	18-JUL-2009 04:47:56	Straylight	60.500	63	Bet Gru	2.1500	2800.0	121	38593	No
44	GOM_NL__2PRFIN20090718_044928_000000512080_00463_38593_1346.N1	18-JUL-2009 04:49:28	Straylight	51.000	31	Alp Gru	1.7340	15200.	102	38593	No
45	GOM_NL__2PRFIN20090718_045241_000000512080_00463_38593_1347.N1	18-JUL-2009 04:52:41	Straylight	51.000	172	Gam Gru	3.0030	13100.	102	38593	No
46	GOM_NL__2PRFIN20090718_051201_000000382080_00463_38593_1348.N1	18-JUL-2009 05:12:01	Bright	37.500	168	17Zet Aql	2.9860	11000.	75	38593	No
47	GOM_NL__2PRFIN20090718_052209_000000412080_00463_38593_1349.N1	18-JUL-2009 05:22:09	Bright	40.500	144	18Del Cyg	2.8600	11000.	81	38593	No
48	GOM_NL__2PRFIN20090718_052419_000000492080_00463_38593_1350.N1	18-JUL-2009 05:24:19	Bright	48.500	19	50Alp Cyg	1.2460	10500.	97	38593	No
49	GOM_NL__2PRFIN20090718_052918_000000442080_00463_38593_1351.N1	18-JUL-2009 05:29:18	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	38593	No
50	GOM_NL__2PRFIN20090718_053640_000000502080_00463_38593_1352.N1	18-JUL-2009 05:36:40	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	38593	No
51	GOM_NL__2PRFIN20090718_053837_000000432080_00463_38593_1353.N1	18-JUL-2009 05:38:37	Bright	43.000	68	18Alp Cas	2.2250	4500.0	86	38593	No
52	GOM_NL__2PRFIN20090718_054322_000000432080_00463_38593_1354.N1	18-JUL-2009 05:43:22	Bright	42.500	160	23Gam Per	2.9300	4700.0	85	38593	No
53	GOM_NL__2PRFIN20090718_054445_000000552080_00463_38593_1355.N1	18-JUL-2009 05:44:45	Bright	55.000	35	33Alp Per	1.7950	6250.0	110	38593	No
54	GOM_NL__2PRFIN20090718_054744_000000532080_00463_38593_1356.N1	18-JUL-2009 05:47:44	Bright	52.500	79	26Bet Per	2.3100	13100.	105	38593	No
55	GOM_NL__2PRFIN20090718_055042_000000472080_00463_38593_1357.N1	18-JUL-2009 05:50:42	Twilight	46.500	150	44Zet Per	2.8900	28000.	93	38593	No
56	GOM_NL__2PRFIN20090718_060135_000000602080_00463_38593_1358.N1	18-JUL-2009 06:01:35	Dark	60.000	94	92Alp Cet	2.5260	3100.0	120	38593	No
57	GOM_NL__2PRFIN20090718_062256_000000552080_00464_38594_1345.N1	18-JUL-2009 06:22:56	Dark	55.000	84	Alp Phe	2.3970	4500.0	110	38594	No
58	GOM_NL__2PRFIN20090718_062832_000000612080_00464_38594_1346.N1	18-JUL-2009 06:28:32	Straylight	61.000	63	Bet Gru	2.1500	2800.0	122	38594	No
59	GOM_NL__2PRFIN20090718_063004_000000562080_00464_38594_1347.N1	18-JUL-2009 06:30:04	Straylight	55.500	31	Alp Gru	1.7340	15200.	111	38594	No
60	GOM_NL__2PRFIN20090718_063318_000000552080_00464_38594_1348.N1	18-JUL-2009 06:33:18	Straylight	54.500	172	Gam Gru	3.0030	13100.	109	38594	No
61	GOM_NL__2PRFIN20090718_065237_000000392080_00464_38594_1349.N1	18-JUL-2009 06:52:37	Bright	39.000	168	17Zet Aql	2.9860	11000.	78	38594	No
62	GOM_NL__2PRFIN20090718_070244_000000412080_00464_38594_1350.N1	18-JUL-2009 07:02:44	Bright	40.500	144	18Del Cyg	2.8600	11000.	81	38594	No
63	GOM_NL__2PRFIN20090718_070454_000000492080_00464_38594_1351.N1	18-JUL-2009 07:04:54	Bright	48.500	19	50Alp Cyg	1.2460	10500.	97	38594	No
64	GOM_NL__2PRFIN20090718_070953_000000422080_00464_38594_1352.N1	18-JUL-2009 07:09:53	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	38594	No
65	GOM_NL__2PRFIN20090718_071715_000000742080_00464_38594_1353.N1	18-JUL-2009 07:17:15	Bright	74.000	74	11Bet Cas	2.2680	6600.0	148	38594	No
66	GOM_NL__2PRFIN20090718_071912_000000412080_00464_38594_1354.N1	18-JUL-2009 07:19:12	Bright	41.000	68	18Alp Cas	2.2250	4500.0	82	38594	No
67	GOM_NL__2PRFIN20090718_072358_000000592080_00464_38594_1355.N1	18-JUL-2009 07:23:58	Bright	59.000	160	23Gam Per	2.9300	4700.0	118	38594	No
68	GOM_NL__2PRFIN20090718_072521_000000432080_00464_38594_1356.N1	18-JUL-2009 07:25:21	Bright	43.000	35	33Alp Per	1.7950	6250.0	86	38594	No
69	GOM_NL__2PRFIN20090718_072820_000000492080_00464_38594_1357.N1	18-JUL-2009 07:28:20	Bright	49.000	79	26Bet Per	2.3100	13100.	98	38594	No
70	GOM_NL__2PRFIN20090718_073119_000000472080_00464_38594_1358.N1	18-JUL-2009 07:31:19	Twilight	47.000	150	44Zet Per	2.8900	28000.	94	38594	No
71	GOM_NL__2PRFIN20090718_073357_000000432080_00464_38594_1359.N1	18-JUL-2009 07:33:57	Twilight	42.500	146	25Eta Tau	2.8730	15200.	85	38594	No
72	GOM_NL__2PRFIN20090718_074212_000000602080_00464_38594_1360.N1	18-JUL-2009 07:42:12	Dark	60.000	94	92Alp Cet	2.5260	3100.0	120	38594	No
73	GOM_NL__2PRFIN20090718_080333_000000542080_00465_38595_1356.N1	18-JUL-2009 08:03:33	Dark	54.000	84	Alp Phe	2.3970	4500.0	108	38595	No
74	GOM_NL__2PRFIN20090718_080909_000000672080_00465_38595_1357.N1	18-JUL-2009 08:09:09	Straylight	67.000	63	Bet Gru	2.1500	2800.0	134	38595	No
75	GOM_NL__2PRFIN20090718_081041_000000482080_00465_38595_1358.N1	18-JUL-2009 08:10:41	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	38595	No
76	GOM_NL__2PRFIN20090718_081355_000000532080_00465_38595_1359.N1	18-JUL-2009 08:13:55	Straylight	53.000	172	Gam Gru	3.0030	13100.	106	38595	No
77	GOM_NL__2PRFIN20090718_083313_000000382080_00465_38595_1360.N1	18-JUL-2009 08:33:13	Bright	37.500	168	17Zet Aql	2.9860	11000.	75	38595	No
78	GOM_NL__2PRFIN20090718_084320_000000402080_00465_38595_1361.N1	18-JUL-2009 08:43:20	Bright	40.000	144	18Del Cyg	2.8600	11000.	80	38595	No
79	GOM_NL__2PRFIN20090718_084529_000000482080_00465_38595_1362.N1	18-JUL-2009 08:45:29	Bright	47.500	19	50Alp Cyg	1.2460	10500.	95	38595	No
80	GOM_NL__2PRFIN20090718_085028_000000442080_00465_38595_1363.N1	18-JUL-2009 08:50:28	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	38595	No
81	GOM_NL__2PRFIN20090718_085750_000000572080_00465_38595_1364.N1	18-JUL-2009 08:57:50	Bright	56.500	74	11Bet Cas	2.2680	6600.0	113	38595	No
82	GOM_NL__2PRFIN20090718_085948_000000412080_00465_38595_1365.N1	18-JUL-2009 08:59:48	Bright	41.000	68	18Alp Cas	2.2250	4500.0	82	38595	No
83	GOM_NL__2PRFIN20090718_090433_000000502080_00465_38595_1366.N1	18-JUL-2009 09:04:33	Bright	50.000	160	23Gam Per	2.9300	4700.0	100	38595	No
84	GOM_NL__2PRFIN20090718_090557_000000412080_00465_38595_1367.N1	18-JUL-2009 09:05:57	Bright	40.500	35	33Alp Per	1.7950	6250.0	81	38595	No
85	GOM_NL__2PRFIN20090718_090855_000000432080_00465_38595_1368.N1	18-JUL-2009 09:08:55	Bright	42.500	79	26Bet Per	2.3100	13100.	85	38595	No
86	GOM_NL__2PRFIN20090718_091155_000000462080_00465_38595_1369.N1	18-JUL-2009 09:11:55	Twilight	46.000	150	44Zet Per	2.8900	28000.	92	38595	No
87	GOM_NL__2PRFIN20090718_091433_000000412080_00465_38595_1370.N1	18-JUL-2009 09:14:33	Twilight	40.500	146	25Eta Tau	2.8730	15200.	81	38595	No
88	GOM_NL__2PRFIN20090718_092249_000000712080_00465_38595_1371.N1	18-JUL-2009 09:22:49	Dark	70.500	94	92Alp Cet	2.5260	3100.0	141	38595	No
89	GOM_NL__2PRFIN20090718_094410_000000582080_00466_38596_1395.N1	18-JUL-2009 09:44:10	Dark	57.500	84	Alp Phe	2.3970	4500.0	115	38596	No
90	GOM_NL__2PRFIN20090718_094946_000000592080_00466_38596_1396.N1	18-JUL-2009 09:49:46	Straylight	58.500	63	Bet Gru	2.1500	2800.0	117	38596	No
91	GOM_NL__2PRFIN20090718_095118_000000472080_00466_38596_1397.N1	18-JUL-2009 09:51:18	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	38596	No
92	GOM_NL__2PRFIN20090718_095431_000000532080_00466_38596_1398.N1	18-JUL-2009 09:54:31	Straylight	53.000	172	Gam Gru	3.0030	13100.	106	38596	No
93	GOM_NL__2PRFIN20090718_101349_000000392080_00466_38596_1399.N1	18-JUL-2009 10:13:49	Bright	38.500	168	17Zet Aql	2.9860	11000.	77	38596	No
94	GOM_NL__2PRFIN20090718_102355_000000412080_00466_38596_1400.N1	18-JUL-2009 10:23:55	Bright	41.000	144	18Del Cyg	2.8600	11000.	82	38596	No
95	GOM_NL__2PRFIN20090718_102604_000000512080_00466_38596_1401.N1	18-JUL-2009 10:26:04	Bright	50.500	19	50Alp Cyg	1.2460	10500.	101	38596	No
96	GOM_NL__2PRFIN20090718_103104_000000442080_00466_38596_1402.N1	18-JUL-2009 10:31:04	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	38596	No
97	GOM_NL__2PRFIN20090718_103826_000000502080_00466_38596_1403.N1	18-JUL-2009 10:38:26	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	38596	No
98	GOM_NL__2PRFIN20090718_104023_000000392080_00466_38596_1404.N1	18-JUL-2009 10:40:23	Bright	39.000	68	18Alp Cas	2.2250	4500.0	78	38596	No
99	GOM_NL__2PRFIN20090718_104509_000000402080_00466_38596_1405.N1	18-JUL-2009 10:45:09	Bright	40.000	160	23Gam Per	2.9300	4700.0	80	38596	No
100	GOM_NL__2PRFIN20090718_104632_000000442080_00466_38596_1406.N1	18-JUL-2009 10:46:32	Bright	44.000	35	33Alp Per	1.7950	6250.0	88	38596	No
101	GOM_NL__2PRFIN20090718_104931_000000502080_00466_38596_1407.N1	18-JUL-2009 10:49:31	Bright	50.000	79	26Bet Per	2.3100	13100.	100	38596	No

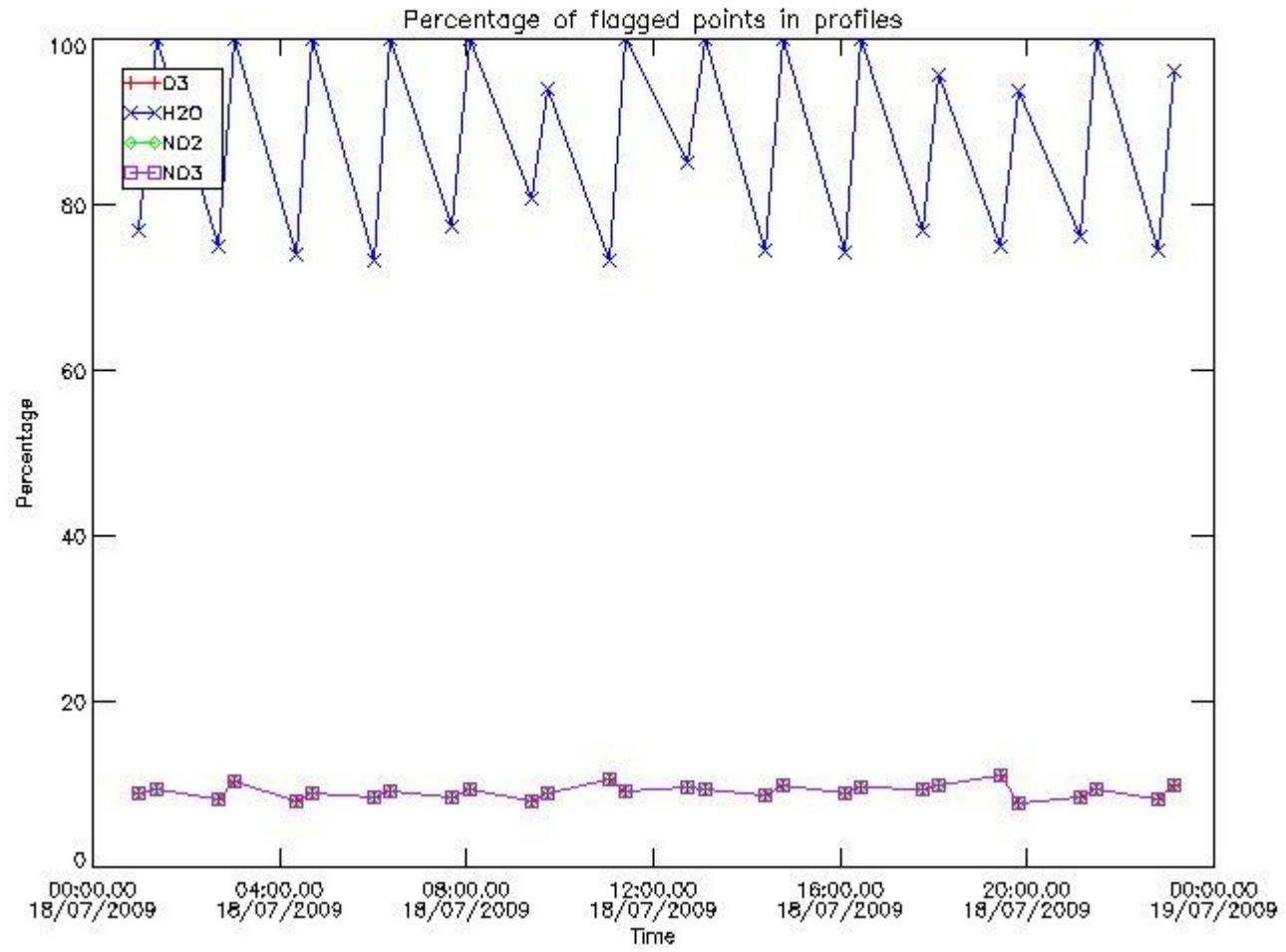
102	GOM_NL__2PRFIN20090718_105231_000000462080_00466_38596_1408.N1	18-JUL-2009 10:52:31	Twilight	45.500	150	44Zet Per	2.8900	28000.	91	38596	No
103	GOM_NL__2PRFIN20090718_105509_000000472080_00466_38596_1409.N1	18-JUL-2009 10:55:09	Twilight	46.500	146	25Eta Tau	2.8730	15200.	93	38596	No
104	GOM_NL__2PRFIN20090718_110325_000000622080_00466_38596_1410.N1	18-JUL-2009 11:03:25	Dark	62.000	94	92Alp Cet	2.5260	3100.0	124	38596	No
105	GOM_NL__2PRFIN20090718_112447_000000562080_00467_38597_1440.N1	18-JUL-2009 11:24:47	Dark	56.000	84	Alp Phe	2.3970	4500.0	112	38597	No
106	GOM_NL__2PRFIN20090718_113022_000000522080_00467_38597_1441.N1	18-JUL-2009 11:30:22	Straylight	52.000	63	Bet Gru	2.1500	2800.0	104	38597	No
107	GOM_NL__2PRFIN20090718_113154_000000502080_00467_38597_1442.N1	18-JUL-2009 11:31:54	Straylight	50.000	31	Alp Gru	1.7340	15200.	100	38597	No
108	GOM_NL__2PRFIN20090718_113508_000000502080_00467_38597_1443.N1	18-JUL-2009 11:35:08	Straylight	50.000	172	Gam Gru	3.0030	13100.	100	38597	No
109	GOM_NL__2PRFIN20090718_115424_000000562080_00467_38597_1444.N1	18-JUL-2009 11:54:24	Bright	56.000	168	17Zet Aql	2.9860	11000.	112	38597	No
110	GOM_NL__2PRFIN20090718_120431_000000422080_00467_38597_1445.N1	18-JUL-2009 12:04:31	Bright	42.000	144	18Del Cyg	2.8600	11000.	84	38597	No
111	GOM_NL__2PRFIN20090718_120639_000000512080_00467_38597_1446.N1	18-JUL-2009 12:06:39	Bright	51.000	19	50Alp Cyg	1.2460	10500.	102	38597	No
112	GOM_NL__2PRFIN20090718_121139_000000412080_00467_38597_1447.N1	18-JUL-2009 12:11:39	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	38597	No
113	GOM_NL__2PRFIN20090718_121901_000000532080_00467_38597_1448.N1	18-JUL-2009 12:19:01	Bright	53.000	74	11Bet Cas	2.2680	6600.0	106	38597	No
114	GOM_NL__2PRFIN20090718_122058_000000392080_00467_38597_1449.N1	18-JUL-2009 12:20:58	Bright	39.000	68	18Alp Cas	2.2250	4500.0	78	38597	No
115	GOM_NL__2PRFIN20090718_122545_000000502080_00467_38597_1450.N1	18-JUL-2009 12:25:45	Bright	50.000	160	23Gam Per	2.9300	4700.0	100	38597	No
116	GOM_NL__2PRFIN20090718_122708_000000452080_00467_38597_1451.N1	18-JUL-2009 12:27:08	Bright	44.500	35	33Alp Per	1.7950	6250.0	89	38597	No
117	GOM_NL__2PRFIN20090718_123007_000000462080_00467_38597_1452.N1	18-JUL-2009 12:30:07	Bright	46.000	79	26Bet Per	2.3100	13100.	92	38597	No
118	GOM_NL__2PRFIN20090718_123307_000000432080_00467_38597_1453.N1	18-JUL-2009 12:33:07	Twilight	43.000	150	44Zet Per	2.8900	28000.	86	38597	No
119	GOM_NL__2PRFIN20090718_123545_000000422080_00467_38597_1454.N1	18-JUL-2009 12:35:45	Twilight	41.500	146	25Eta Tau	2.8730	15200.	83	38597	No
120	GOM_NL__2PRFIN20090718_124402_000000642080_00467_38597_1455.N1	18-JUL-2009 12:44:02	Dark	64.000	94	92Alp Cet	2.5260	3100.0	128	38597	No
121	GOM_NL__2PRFIN20090718_130524_000000542080_00468_38598_1454.N1	18-JUL-2009 13:05:24	Dark	54.000	84	Alp Phe	2.3970	4500.0	108	38598	No
122	GOM_NL__2PRFIN20090718_131059_000000532080_00468_38598_1455.N1	18-JUL-2009 13:10:59	Straylight	53.000	63	Bet Gru	2.1500	2800.0	106	38598	No
123	GOM_NL__2PRFIN20090718_131231_000000452080_00468_38598_1456.N1	18-JUL-2009 13:12:31	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	38598	No
124	GOM_NL__2PRFIN20090718_131544_000000502080_00468_38598_1457.N1	18-JUL-2009 13:15:44	Straylight	49.500	172	Gam Gru	3.0030	13100.	99	38598	No
125	GOM_NL__2PRFIN20090718_133500_000000382080_00468_38598_1458.N1	18-JUL-2009 13:35:00	Bright	37.500	168	17Zet Aql	2.9860	11000.	75	38598	No
126	GOM_NL__2PRFIN20090718_134506_000000412080_00468_38598_1459.N1	18-JUL-2009 13:45:06	Bright	41.000	144	18Del Cyg	2.8600	11000.	82	38598	No
127	GOM_NL__2PRFIN20090718_135214_000000432080_00468_38598_1460.N1	18-JUL-2009 13:52:14	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	38598	No
128	GOM_NL__2PRFIN20090718_135936_000000472080_00468_38598_1461.N1	18-JUL-2009 13:59:36	Bright	47.000	74	11Bet Cas	2.2680	6600.0	94	38598	No
129	GOM_NL__2PRFIN20090718_140133_000000372080_00468_38598_1462.N1	18-JUL-2009 14:01:33	Twilight	37.000	68	18Alp Cas	2.2250	4500.0	74	38598	No
130	GOM_NL__2PRFIN20090718_140620_000000492080_00468_38598_1463.N1	18-JUL-2009 14:06:20	Bright	49.000	160	23Gam Per	2.9300	4700.0	98	38598	No
131	GOM_NL__2PRFIN20090718_140744_000000582080_00468_38598_1464.N1	18-JUL-2009 14:07:44	Bright	57.500	35	33Alp Per	1.7950	6250.0	115	38598	No
132	GOM_NL__2PRFIN20090718_141043_000000452080_00468_38598_1465.N1	18-JUL-2009 14:10:43	Bright	45.000	79	26Bet Per	2.3100	13100.	90	38598	No
133	GOM_NL__2PRFIN20090718_141343_000000402080_00468_38598_1466.N1	18-JUL-2009 14:13:43	Twilight	39.500	150	44Zet Per	2.8900	28000.	79	38598	No
134	GOM_NL__2PRFIN20090718_141621_000000472080_00468_38598_1467.N1	18-JUL-2009 14:16:21	Twilight	47.000	146	25Eta Tau	2.8730	15200.	94	38598	No
135	GOM_NL__2PRFIN20090718_142439_000000592080_00468_38598_1468.N1	18-JUL-2009 14:24:39	Dark	59.000	94	92Alp Cet	2.5260	3100.0	118	38598	No
136	GOM_NL__2PRFIN20090718_144601_000000572080_00469_38599_1468.N1	18-JUL-2009 14:46:01	Dark	57.000	84	Alp Phe	2.3970	4500.0	114	38599	No
137	GOM_NL__2PRFIN20090718_145136_000000492080_00469_38599_1469.N1	18-JUL-2009 14:51:36	Straylight	49.000	63	Bet Gru	2.1500	2800.0	98	38599	No
138	GOM_NL__2PRFIN20090718_145308_000000462080_00469_38599_1470.N1	18-JUL-2009 14:53:08	Straylight	46.000	31	Alp Gru	1.7340	15200.	92	38599	No
139	GOM_NL__2PRFIN20090718_145621_000000542080_00469_38599_1471.N1	18-JUL-2009 14:56:21	Straylight	53.500	172	Gam Gru	3.0030	13100.	107	38599	No
140	GOM_NL__2PRFIN20090718_151536_000000362080_00469_38599_1472.N1	18-JUL-2009 15:15:36	Bright	36.000	168	17Zet Aql	2.9860	11000.	72	38599	No
141	GOM_NL__2PRFIN20090718_152542_000000412080_00469_38599_1473.N1	18-JUL-2009 15:25:42	Bright	41.000	144	18Del Cyg	2.8600	11000.	82	38599	No
142	GOM_NL__2PRFIN20090718_153250_000000392080_00469_38599_1474.N1	18-JUL-2009 15:32:50	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	38599	No
143	GOM_NL__2PRFIN20090718_154011_000000502080_00469_38599_1475.N1	18-JUL-2009 15:40:11	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	38599	No
144	GOM_NL__2PRFIN20090718_154209_000000372080_00469_38599_1476.N1	18-JUL-2009 15:42:09	Bright	37.000	68	18Alp Cas	2.2250	4500.0	74	38599	No
145	GOM_NL__2PRFIN20090718_154656_000000452080_00469_38599_1477.N1	18-JUL-2009 15:46:56	Bright	44.500	160	23Gam Per	2.9300	4700.0	89	38599	No
146	GOM_NL__2PRFIN20090718_154820_000000582080_00469_38599_1478.N1	18-JUL-2009 15:48:20	Bright	58.000	35	33Alp Per	1.7950	6250.0	116	38599	No
147	GOM_NL__2PRFIN20090718_155119_000000502080_00469_38599_1479.N1	18-JUL-2009 15:51:19	Bright	50.000	79	26Bet Per	2.3100	13100.	100	38599	No
148	GOM_NL__2PRFIN20090718_155419_000000452080_00469_38599_1480.N1	18-JUL-2009 15:54:19	Twilight	45.000	150	44Zet Per	2.8900	28000.	90	38599	No
149	GOM_NL__2PRFIN20090718_155658_000000472080_00469_38599_1481.N1	18-JUL-2009 15:56:58	Twilight	46.500	146	25Eta Tau	2.8730	15200.	93	38599	No
150	GOM_NL__2PRFIN20090718_160516_000000632080_00469_38599_1482.N1	18-JUL-2009 16:05:16	Dark	62.500	94	92Alp Cet	2.5260	3100.0	125	38599	No
151	GOM_NL__2PRFIN20090718_162638_000000532080_00470_38600_1482.N1	18-JUL-2009 16:26:38	Dark	53.000	84	Alp Phe	2.3970	4500.0	106	38600	No
152	GOM_NL__2PRFIN20090718_163213_000000552080_00470_38600_1483.N1	18-JUL-2009 16:32:13	Straylight	54.500	63	Bet Gru	2.1500	2800.0	109	38600	No
153	GOM_NL__2PRFIN20090718_163345_000000472080_00470_38600_1484.N1	18-JUL-2009 16:33:45	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	38600	No
154	GOM_NL__2PRFIN20090718_163658_000000512080_00470_38600_1485.N1	18-JUL-2009 16:36:58	Straylight	50.500	172	Gam Gru	3.0030	13100.	101	38600	No
155	GOM_NL__2PRFIN20090718_165612_000000392080_00470_38600_1486.N1	18-JUL-2009 16:56:12	Bright	39.000	168	17Zet Aql	2.9860	11000.	78	38600	No
156	GOM_NL__2PRFIN20090718_170617_000000412080_00470_38600_1487.N1	18-JUL-2009 17:06:17	Bright	41.000	144	18Del Cyg	2.8600	11000.	82	38600	No
157	GOM_NL__2PRFIN20090718_171325_000000432080_00470_38600_1488.N1	18-JUL-2009 17:13:25	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	38600	No
158	GOM_NL__2PRFIN20090718_172046_000000502080_00470_38600_1489.N1	18-JUL-2009 17:20:46	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	38600	No
159	GOM_NL__2PRFIN20090718_172244_000000362080_00470_38600_1490.N1	18-JUL-2009 17:22:44	Twilight	36.000	68	18Alp Cas	2.2250	4500.0	72	38600	No
160	GOM_NL__2PRFIN20090718_172732_000000422080_00470_38600_1491.N1	18-JUL-2009 17:27:32	Bright	41.500	160	23Gam Per	2.9300	4700.0	83	38600	No

161	GOM_NL__2PRFIN20090718_172856_000000432080_00470_38600_1492.N1	18-JUL-2009 17:28:56	Bright	42.500	35	33Alp Per	1.7950	6250.0	85	38600	No
162	GOM_NL__2PRFIN20090718_173155_000000492080_00470_38600_1493.N1	18-JUL-2009 17:31:55	Bright	49.000	79	26Bet Per	2.3100	13100.	98	38600	No
163	GOM_NL__2PRFIN20090718_173455_000000432080_00470_38600_1494.N1	18-JUL-2009 17:34:55	Twilight	43.000	150	44Zet Per	2.8900	28000.	86	38600	No
164	GOM_NL__2PRFIN20090718_173734_000000442080_00470_38600_1495.N1	18-JUL-2009 17:37:34	Twilight	44.000	146	25Eta Tau	2.8730	15200.	88	38600	No
165	GOM_NL__2PRFIN20090718_174553_000000652080_00470_38600_1496.N1	18-JUL-2009 17:45:53	Dark	65.000	94	92Alp Cet	2.5260	3100.0	130	38600	No
166	GOM_NL__2PRFIN20090718_180715_000000572080_00471_38601_1493.N1	18-JUL-2009 18:07:15	Dark	57.000	84	Alp Phe	2.3970	4500.0	114	38601	No
167	GOM_NL__2PRFIN20090718_181249_000000492080_00471_38601_1494.N1	18-JUL-2009 18:12:49	Straylight	49.000	63	Bet Gru	2.1500	2800.0	98	38601	No
168	GOM_NL__2PRFIN20090718_181421_000000482080_00471_38601_1495.N1	18-JUL-2009 18:14:21	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	38601	No
169	GOM_NL__2PRFIN20090718_181734_000000532080_00471_38601_1496.N1	18-JUL-2009 18:17:34	Straylight	53.000	172	Gam Gru	3.0030	13100.	106	38601	No
170	GOM_NL__2PRFIN20090718_183648_000000382080_00471_38601_1497.N1	18-JUL-2009 18:36:48	Bright	38.000	168	17Zet Aql	2.9860	11000.	76	38601	No
171	GOM_NL__2PRFIN20090718_184653_000000412080_00471_38601_1498.N1	18-JUL-2009 18:46:53	Bright	40.500	144	18Del Cyg	2.8600	11000.	81	38601	No
172	GOM_NL__2PRFIN20090718_185401_000000412080_00471_38601_1499.N1	18-JUL-2009 18:54:01	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	38601	No
173	GOM_NL__2PRFIN20090718_190121_000000542080_00471_38601_1500.N1	18-JUL-2009 19:01:21	Bright	53.500	74	11Bet Cas	2.2680	6600.0	107	38601	No
174	GOM_NL__2PRFIN20090718_190319_000000362080_00471_38601_1501.N1	18-JUL-2009 19:03:19	Twilight	36.000	68	18Alp Cas	2.2250	4500.0	72	38601	No
175	GOM_NL__2PRFIN20090718_190808_000000622080_00471_38601_1502.N1	18-JUL-2009 19:08:08	Bright	62.000	160	23Gam Per	2.9300	4700.0	124	38601	No
176	GOM_NL__2PRFIN20090718_190931_000000412080_00471_38601_1503.N1	18-JUL-2009 19:09:31	Bright	41.000	35	33Alp Per	1.7950	6250.0	82	38601	No
177	GOM_NL__2PRFIN20090718_191231_000000502080_00471_38601_1504.N1	18-JUL-2009 19:12:31	Bright	50.000	79	26Bet Per	2.3100	13100.	100	38601	No
178	GOM_NL__2PRFIN20090718_191531_000000452080_00471_38601_1505.N1	18-JUL-2009 19:15:31	Twilight	44.500	150	44Zet Per	2.8900	28000.	89	38601	No
179	GOM_NL__2PRFIN20090718_191810_000000462080_00471_38601_1506.N1	18-JUL-2009 19:18:10	Twilight	45.500	146	25Eta Tau	2.8730	15200.	91	38601	No
180	GOM_NL__2PRFIN20090718_192630_000000652080_00471_38601_1507.N1	18-JUL-2009 19:26:30	Dark	64.500	94	92Alp Cet	2.5260	3100.0	129	38601	No
181	GOM_NL__2PRFIN20090718_194752_000000662080_00472_38602_1506.N1	18-JUL-2009 19:47:52	Dark	65.500	84	Alp Phe	2.3970	4500.0	131	38602	No
182	GOM_NL__2PRFIN20090718_195326_000000612080_00472_38602_1507.N1	18-JUL-2009 19:53:26	Straylight	61.000	63	Bet Gru	2.1500	2800.0	122	38602	No
183	GOM_NL__2PRFIN20090718_195458_000000452080_00472_38602_1508.N1	18-JUL-2009 19:54:58	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	38602	No
184	GOM_NL__2PRFIN20090718_195811_000000512080_00472_38602_1509.N1	18-JUL-2009 19:58:11	Straylight	50.500	172	Gam Gru	3.0030	13100.	101	38602	No
185	GOM_NL__2PRFIN20090718_201723_000000382080_00472_38602_1510.N1	18-JUL-2009 20:17:23	Bright	37.500	168	17Zet Aql	2.9860	11000.	75	38602	No
186	GOM_NL__2PRFIN20090718_202728_000000402080_00472_38602_1511.N1	18-JUL-2009 20:27:28	Bright	40.000	144	18Del Cyg	2.8600	11000.	80	38602	No
187	GOM_NL__2PRFIN20090718_202935_000000502080_00472_38602_1512.N1	18-JUL-2009 20:29:35	Bright	50.000	19	50Alp Cyg	1.2460	10500.	100	38602	No
188	GOM_NL__2PRFIN20090718_203436_000000432080_00472_38602_1513.N1	18-JUL-2009 20:34:36	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	38602	No
189	GOM_NL__2PRFIN20090718_204157_000000742080_00472_38602_1514.N1	18-JUL-2009 20:41:57	Bright	74.000	74	11Bet Cas	2.2680	6600.0	148	38602	No
190	GOM_NL__2PRFIN20090718_204354_000000342080_00472_38602_1515.N1	18-JUL-2009 20:43:54	Twilight	34.000	68	18Alp Cas	2.2250	4500.0	68	38602	No
191	GOM_NL__2PRFIN20090718_204843_000000422080_00472_38602_1516.N1	18-JUL-2009 20:48:43	Bright	42.000	160	23Gam Per	2.9300	4700.0	84	38602	No
192	GOM_NL__2PRFIN20090718_205007_000000452080_00472_38602_1517.N1	18-JUL-2009 20:50:07	Bright	45.000	35	33Alp Per	1.7950	6250.0	90	38602	No
193	GOM_NL__2PRFIN20090718_205327_000000392080_00472_38602_1518.N1	18-JUL-2009 20:53:27	Bright	38.500	149	45Eps Per	2.8880	30000.	77	38602	No
194	GOM_NL__2PRFIN20090718_205607_000000452080_00472_38602_1519.N1	18-JUL-2009 20:56:07	Twilight	44.500	150	44Zet Per	2.8900	28000.	89	38602	No
195	GOM_NL__2PRFIN20090718_205846_000000462080_00472_38602_1520.N1	18-JUL-2009 20:58:46	Twilight	46.000	146	25Eta Tau	2.8730	15200.	92	38602	No
196	GOM_NL__2PRFIN20090718_210706_000000612080_00472_38602_1521.N1	18-JUL-2009 21:07:06	Dark	61.000	94	92Alp Cet	2.5260	3100.0	122	38602	No
197	GOM_NL__2PRFIN20090718_212829_000000542080_00473_38603_1518.N1	18-JUL-2009 21:28:29	Dark	54.000	84	Alp Phe	2.3970	4500.0	108	38603	No
198	GOM_NL__2PRFIN20090718_213403_000000642080_00473_38603_1519.N1	18-JUL-2009 21:34:03	Straylight	64.000	63	Bet Gru	2.1500	2800.0	128	38603	No
199	GOM_NL__2PRFIN20090718_213534_000000482080_00473_38603_1520.N1	18-JUL-2009 21:35:34	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	38603	No
200	GOM_NL__2PRFIN20090718_213848_000000502080_00473_38603_1521.N1	18-JUL-2009 21:38:48	Straylight	49.500	172	Gam Gru	3.0030	13100.	99	38603	No
201	GOM_NL__2PRFIN20090718_215759_000000392080_00473_38603_1522.N1	18-JUL-2009 21:57:59	Bright	38.500	168	17Zet Aql	2.9860	11000.	77	38603	No
202	GOM_NL__2PRFIN20090718_220804_000000412080_00473_38603_1523.N1	18-JUL-2009 22:08:04	Bright	41.000	144	18Del Cyg	2.8600	11000.	82	38603	No
203	GOM_NL__2PRFIN20090718_221010_000000472080_00473_38603_1524.N1	18-JUL-2009 22:10:10	Bright	47.000	19	50Alp Cyg	1.2460	10500.	94	38603	No
204	GOM_NL__2PRFIN20090718_221511_000000452080_00473_38603_1525.N1	18-JUL-2009 22:15:11	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	38603	No
205	GOM_NL__2PRFIN20090718_222232_000000522080_00473_38603_1526.N1	18-JUL-2009 22:22:32	Bright	52.000	74	11Bet Cas	2.2680	6600.0	104	38603	No
206	GOM_NL__2PRFIN20090718_222429_000000342080_00473_38603_1527.N1	18-JUL-2009 22:24:29	Twilight	34.000	68	18Alp Cas	2.2250	4500.0	68	38603	No
207	GOM_NL__2PRFIN20090718_222919_000000432080_00473_38603_1528.N1	18-JUL-2009 22:29:19	Bright	42.500	160	23Gam Per	2.9300	4700.0	85	38603	No
208	GOM_NL__2PRFIN20090718_223043_000000492080_00473_38603_1529.N1	18-JUL-2009 22:30:43	Bright	48.500	35	33Alp Per	1.7950	6250.0	97	38603	No
209	GOM_NL__2PRFIN20090718_223403_000000382080_00473_38603_1530.N1	18-JUL-2009 22:34:03	Bright	37.500	149	45Eps Per	2.8880	30000.	75	38603	No
210	GOM_NL__2PRFIN20090718_223643_000000392080_00473_38603_1531.N1	18-JUL-2009 22:36:43	Twilight	39.000	150	44Zet Per	2.8900	28000.	78	38603	No
211	GOM_NL__2PRFIN20090718_223922_000000472080_00473_38603_1532.N1	18-JUL-2009 22:39:22	Twilight	47.000	146	25Eta Tau	2.8730	15200.	94	38603	No
212	GOM_NL__2PRFIN20090718_224743_000000632080_00473_38603_1533.N1	18-JUL-2009 22:47:43	Dark	62.500	94	92Alp Cet	2.5260	3100.0	125	38603	No
213	GOM_NL__2PRFIN20090718_230906_000000512080_00474_38604_1537.N1	18-JUL-2009 23:09:06	Dark	51.000	84	Alp Phe	2.3970	4500.0	102	38604	No
214	GOM_NL__2PRFIN20090718_231439_000000622080_00474_38604_1538.N1	18-JUL-2009 23:14:39	Straylight	62.000	63	Bet Gru	2.1500	2800.0	124	38604	No
215	GOM_NL__2PRFIN20090718_231610_000000472080_00474_38604_1539.N1	18-JUL-2009 23:16:10	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	38604	No
216	GOM_NL__2PRFIN20090718_231924_000000492080_00474_38604_1540.N1	18-JUL-2009 23:19:24	Straylight	48.500	172	Gam Gru	3.0030	13100.	97	38604	No
217	GOM_NL__2PRFIN20090718_233835_000000412080_00474_38604_1541.N1	18-JUL-2009 23:38:35	Bright	40.500	168	17Zet Aql	2.9860	11000.	81	38604	No
218	GOM_NL__2PRFIN20090718_234839_000000402080_00474_38604_1542.N1	18-JUL-2009 23:48:39	Bright	40.000	144	18Del Cyg	2.8600	11000.	80	38604	No
219	GOM_NL__2PRFIN20090718_235045_000000502080_00474_38604_1543.N1	18-JUL-2009 23:50:45	Bright	49.500	19	50Alp Cyg	1.2460	10500.	99	38604	No

3. Quality information per product

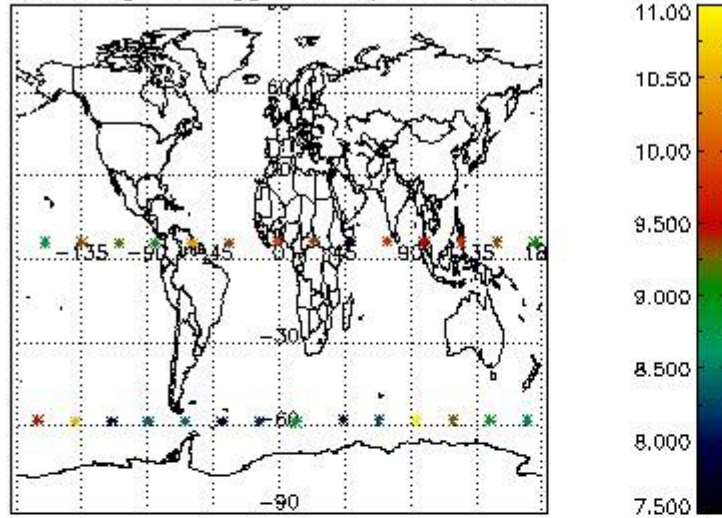
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

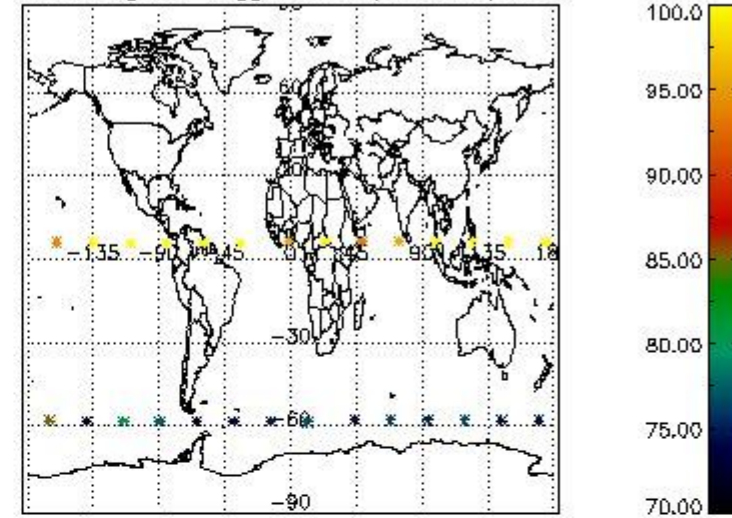


3.2 Plot quality information per product (world map)

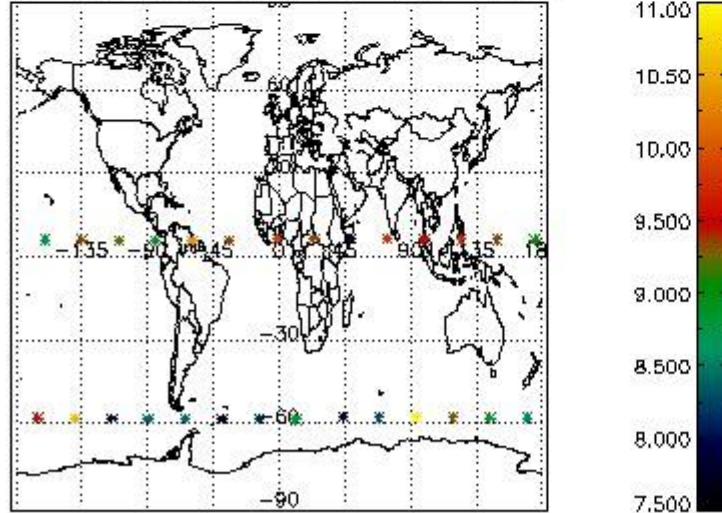
Percentage of flagged data per O3 profile



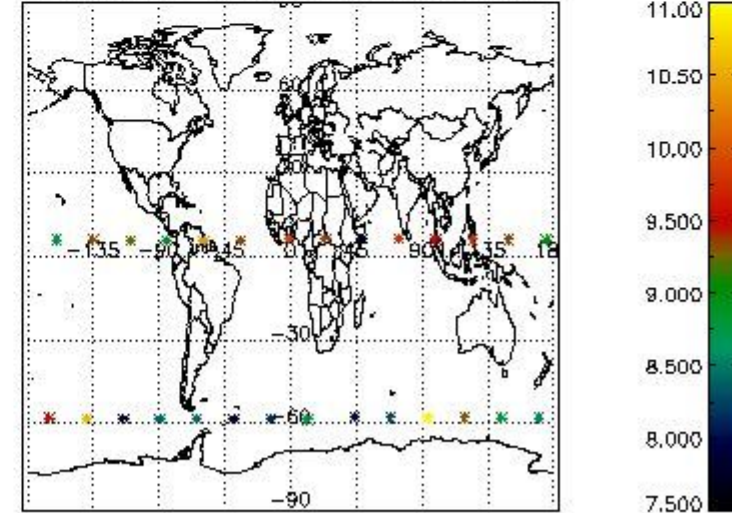
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

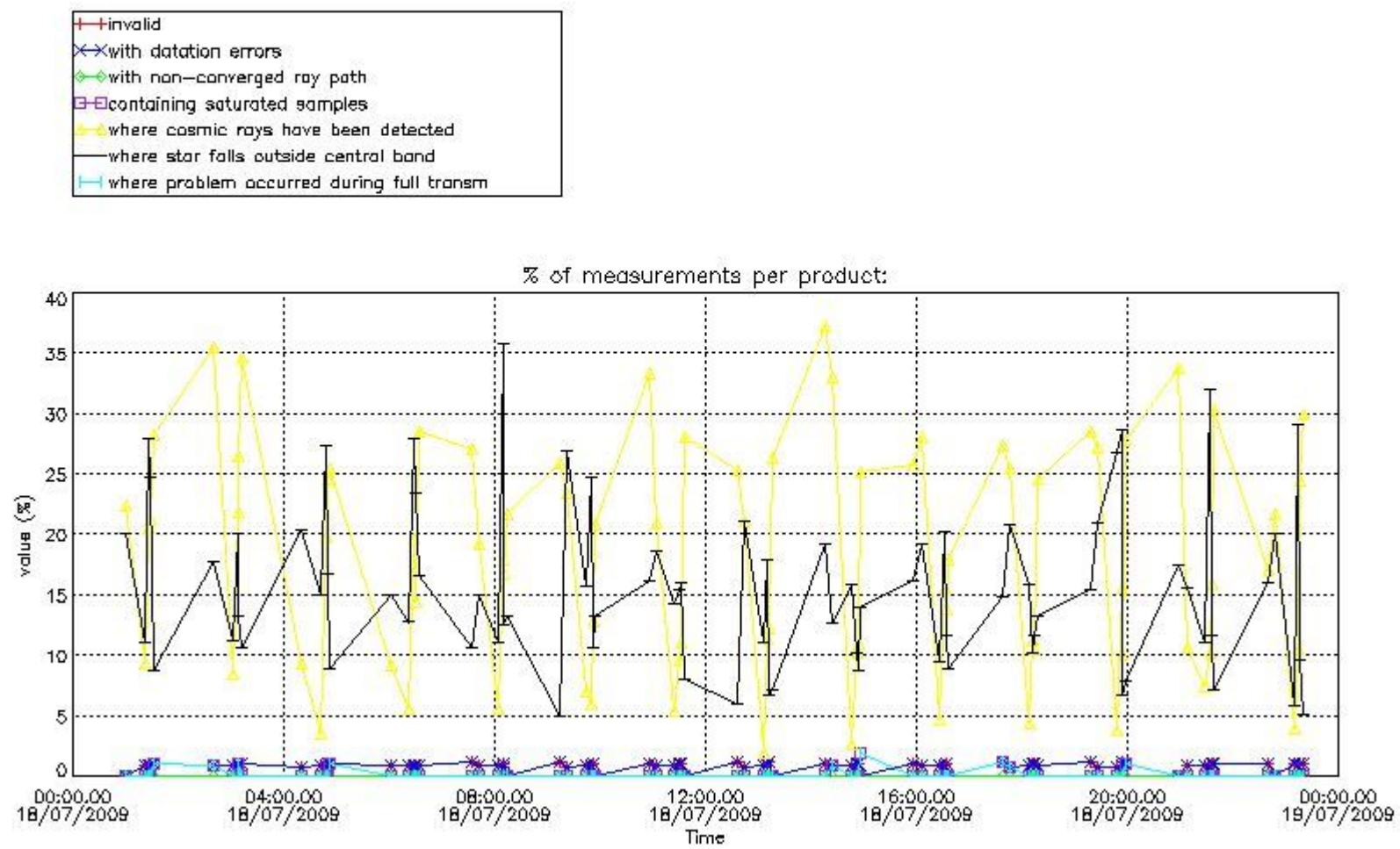


4. Level 1 quality information per product

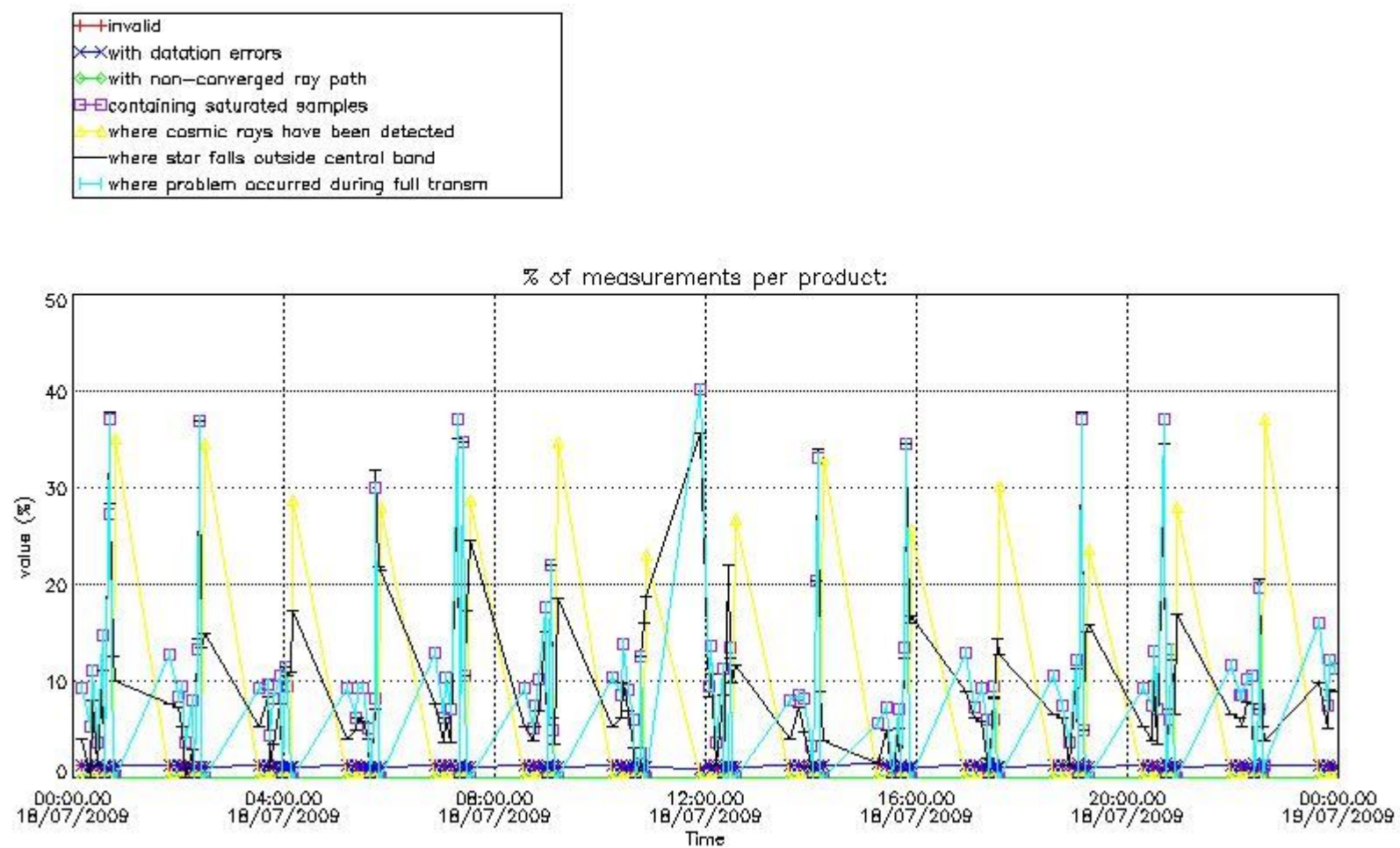
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

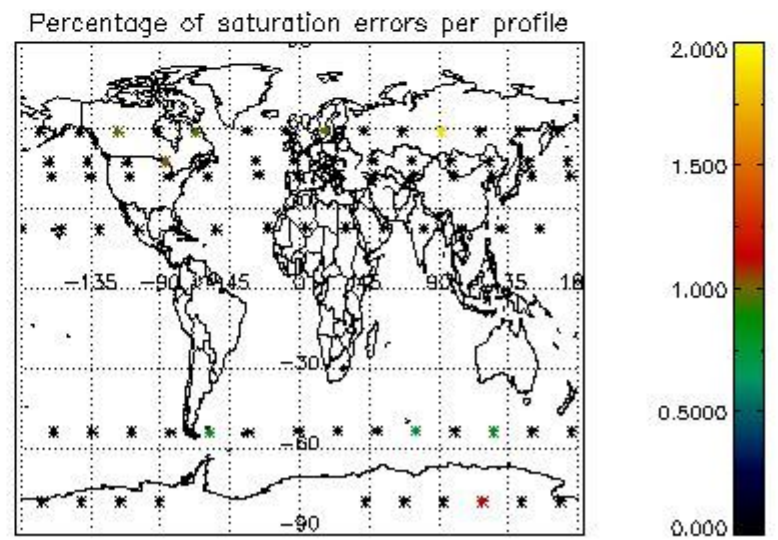
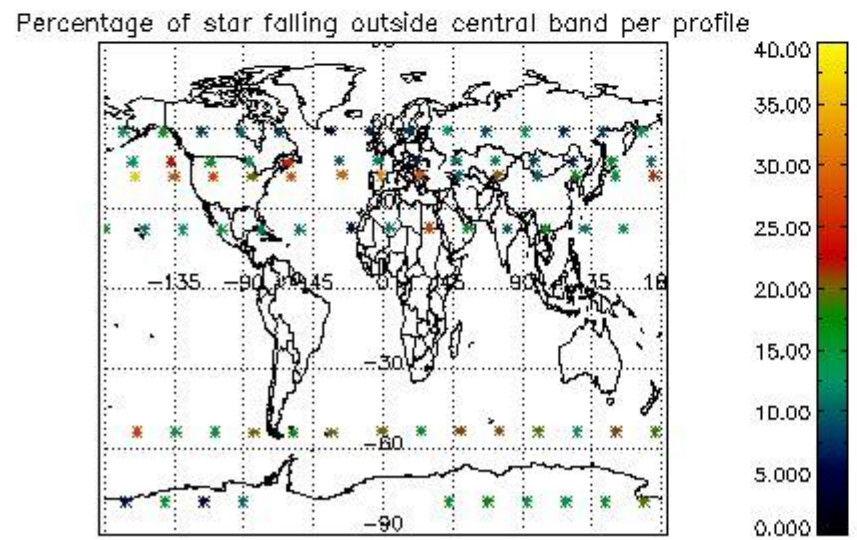
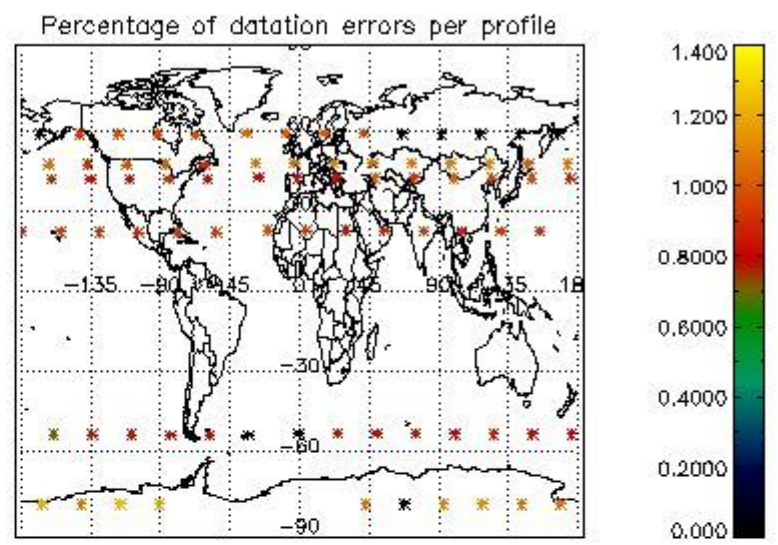
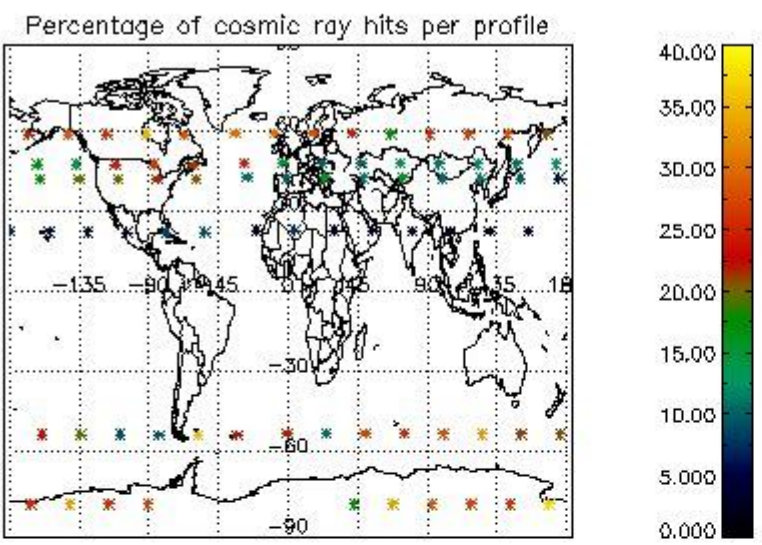


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



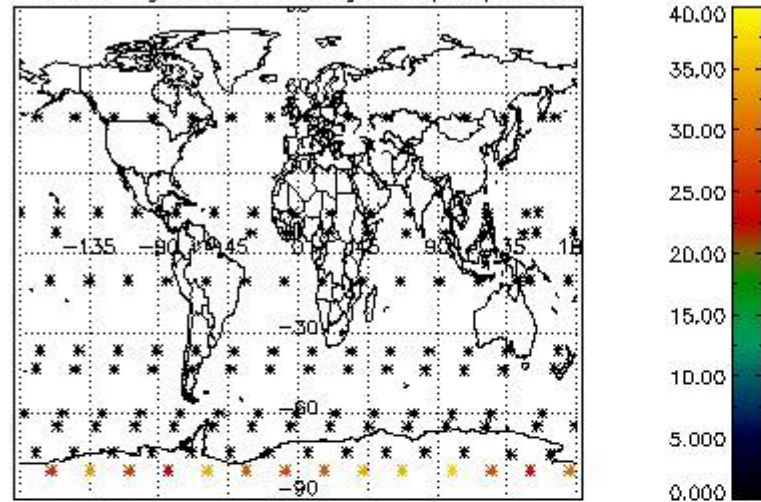
4.2 Plot quality information per product coming from level 1b processing (world map)

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

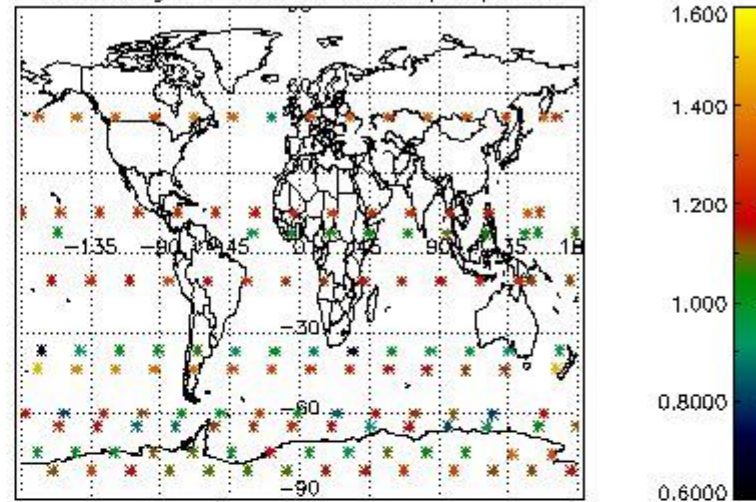


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

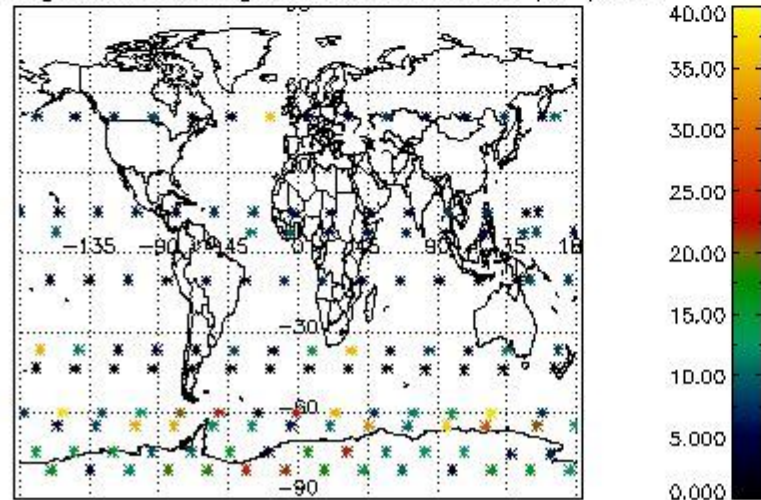
Percentage of cosmic ray hits per profile



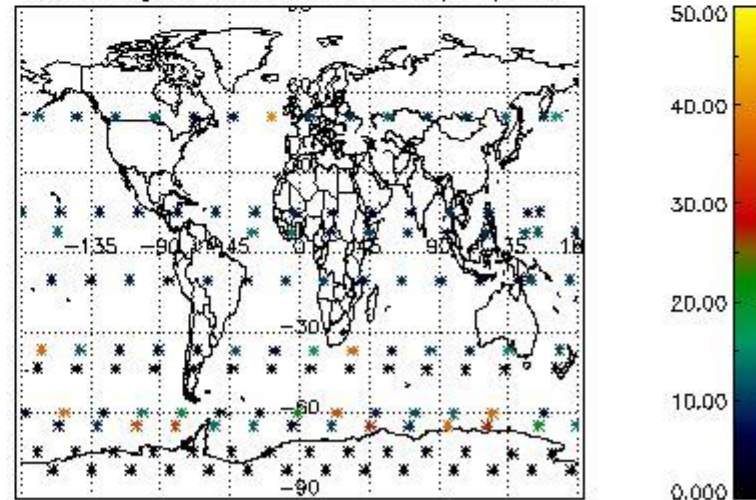
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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

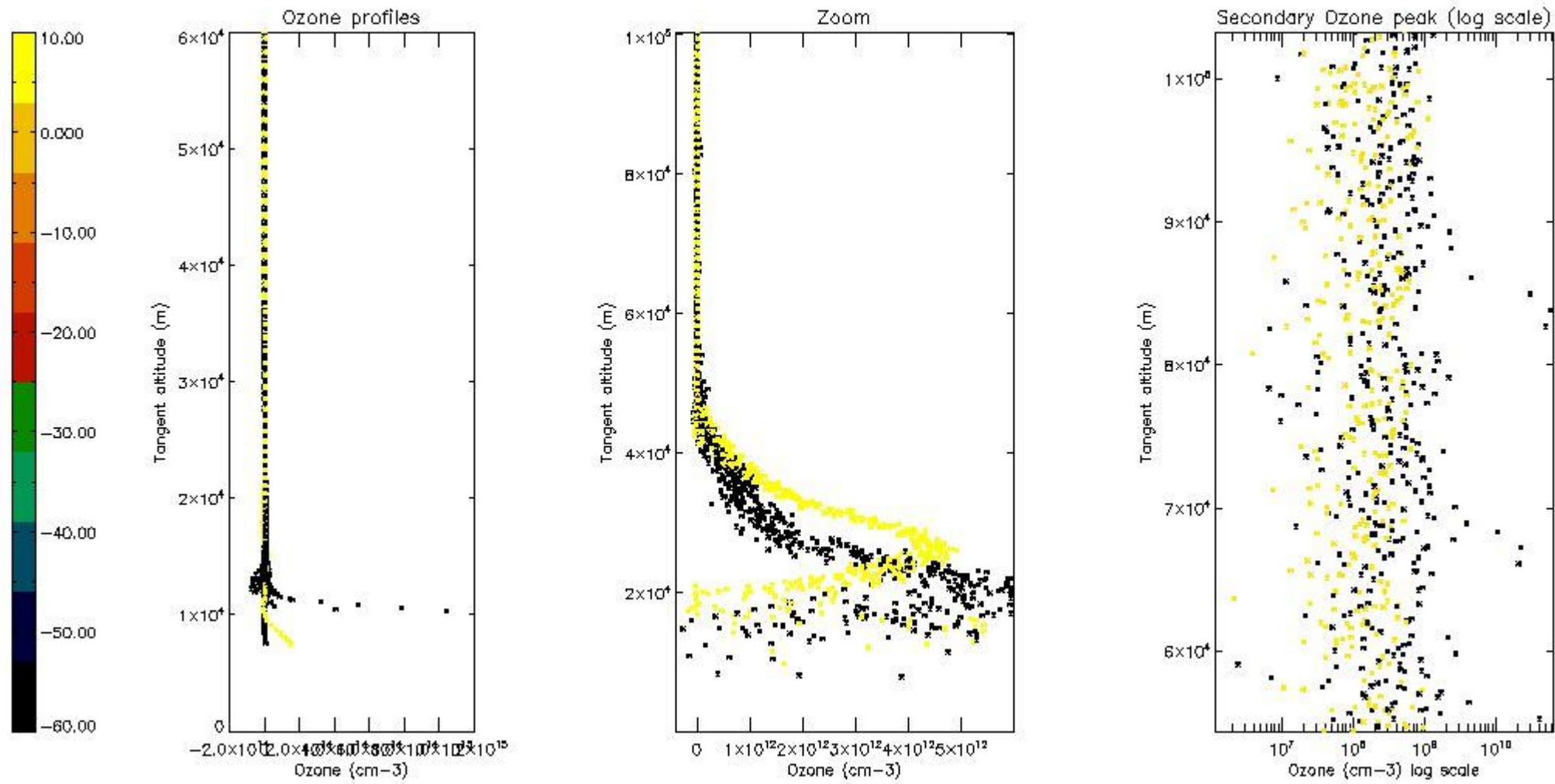
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	16
STD < 20	4

STD < 10	2
STD < 5	0

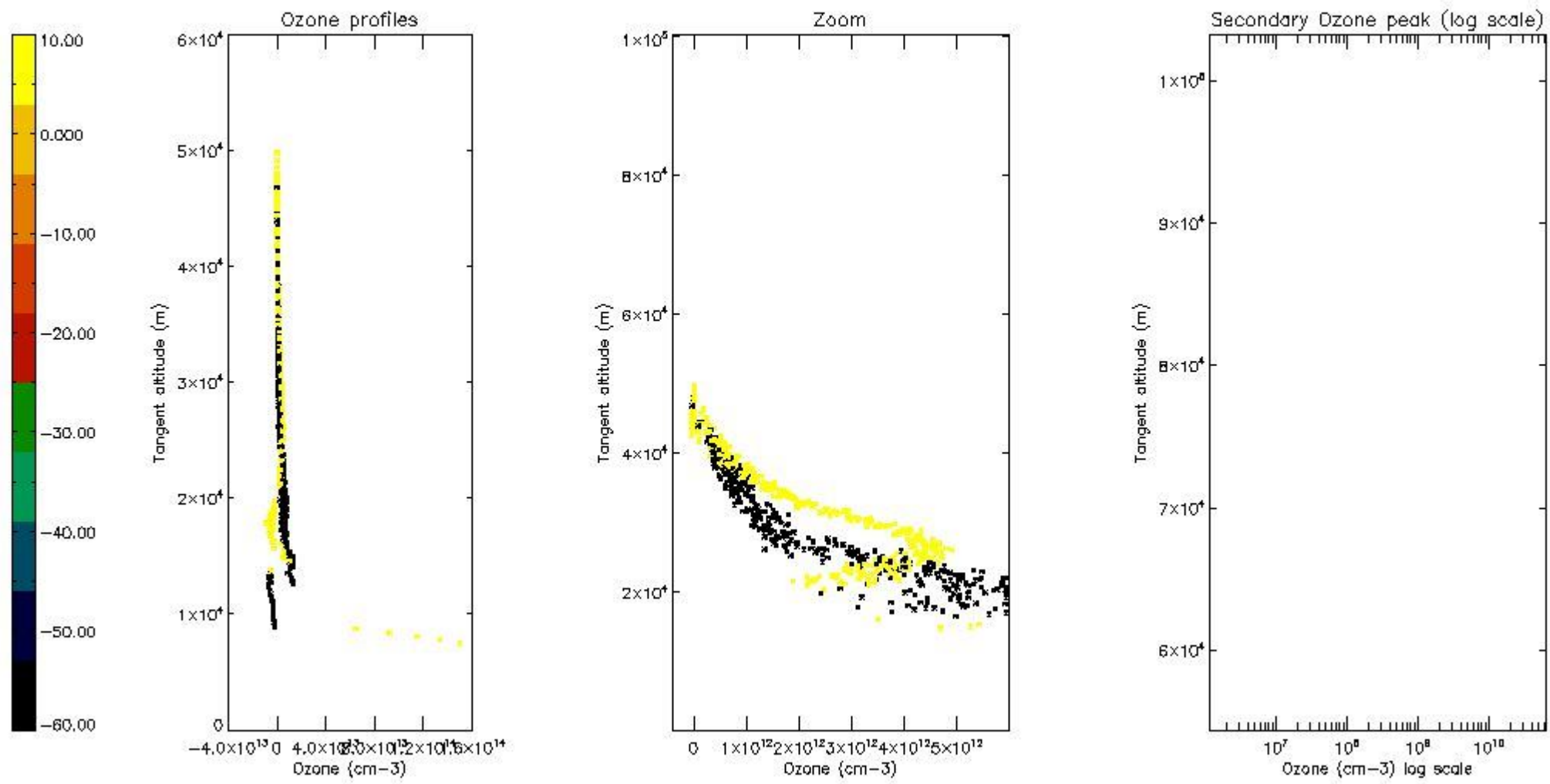
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



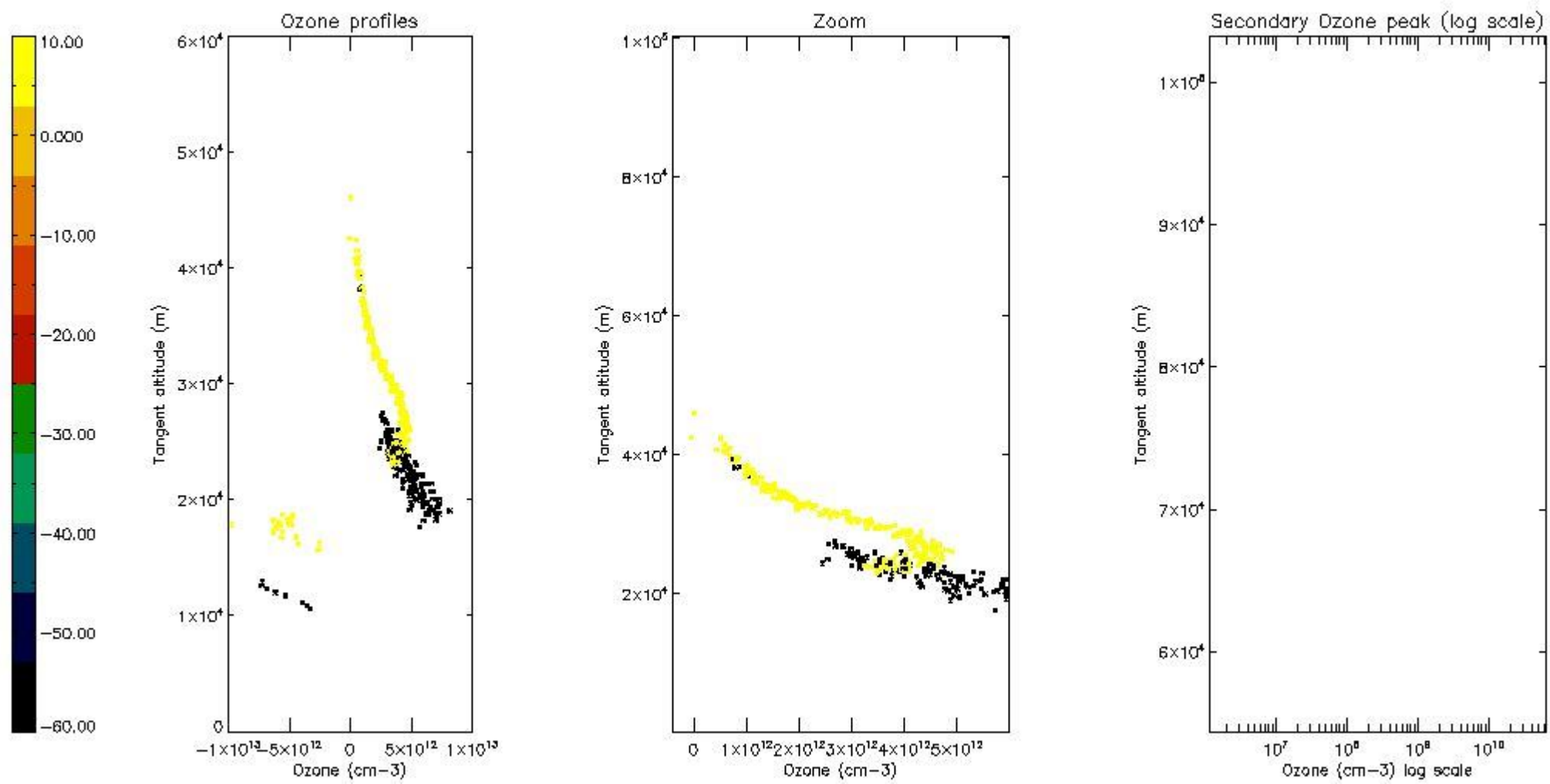
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



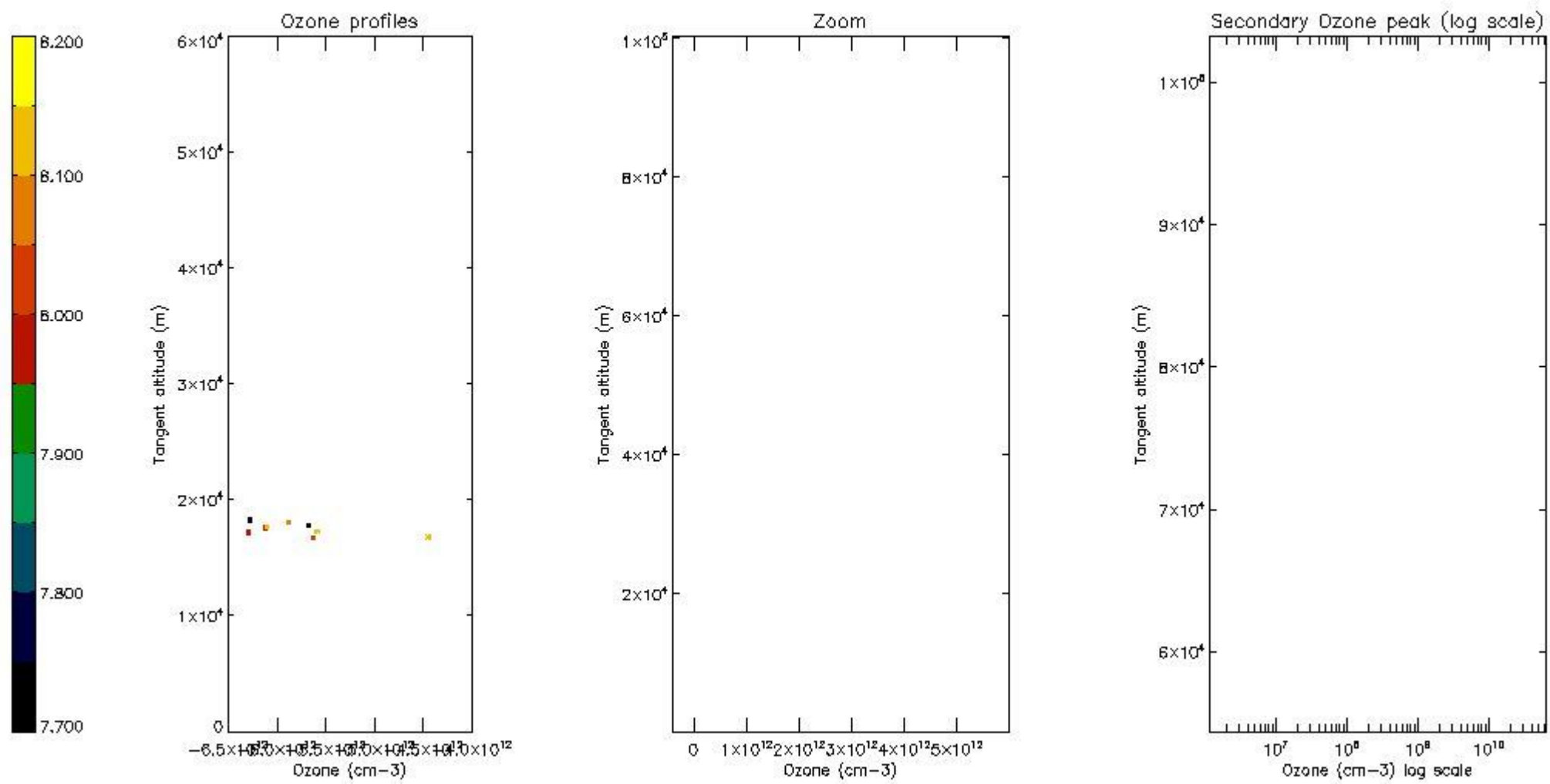
5.4 Plot ozone profiles where $\text{STD} < 10\%$ (dark without errors)

The colorbar represents the latitude.



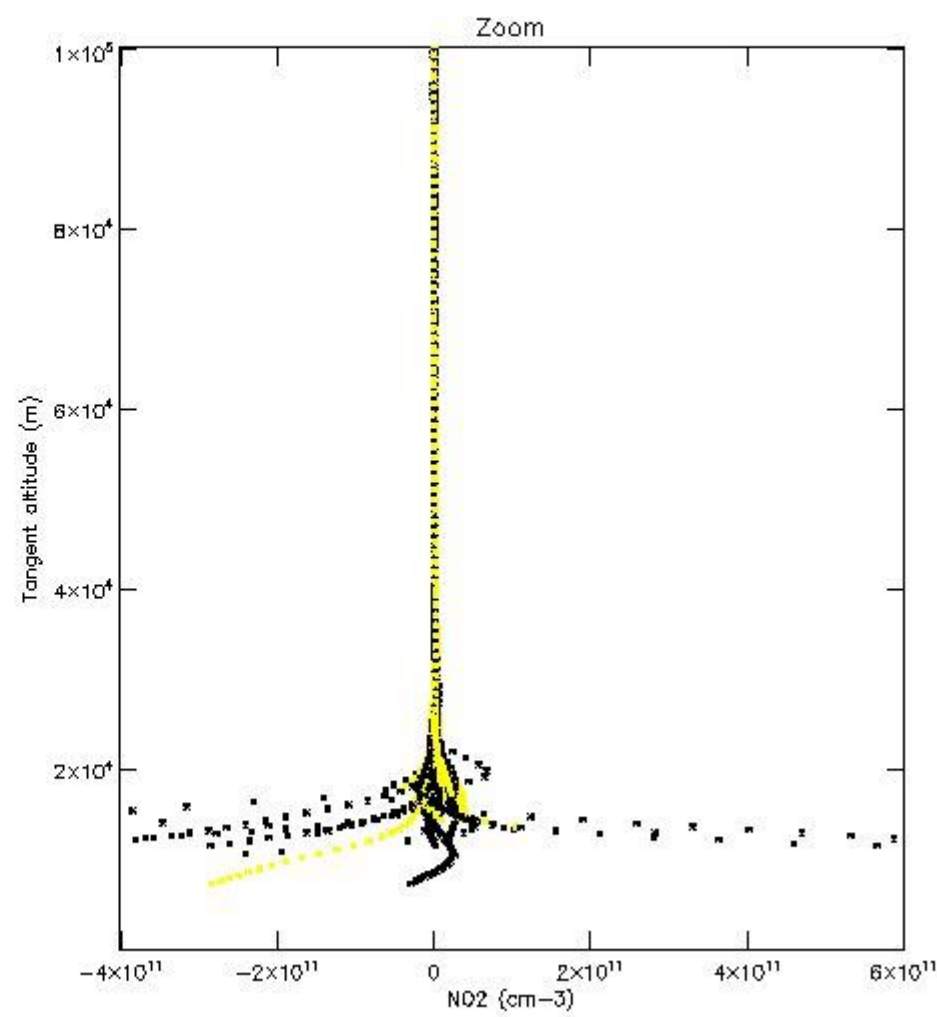
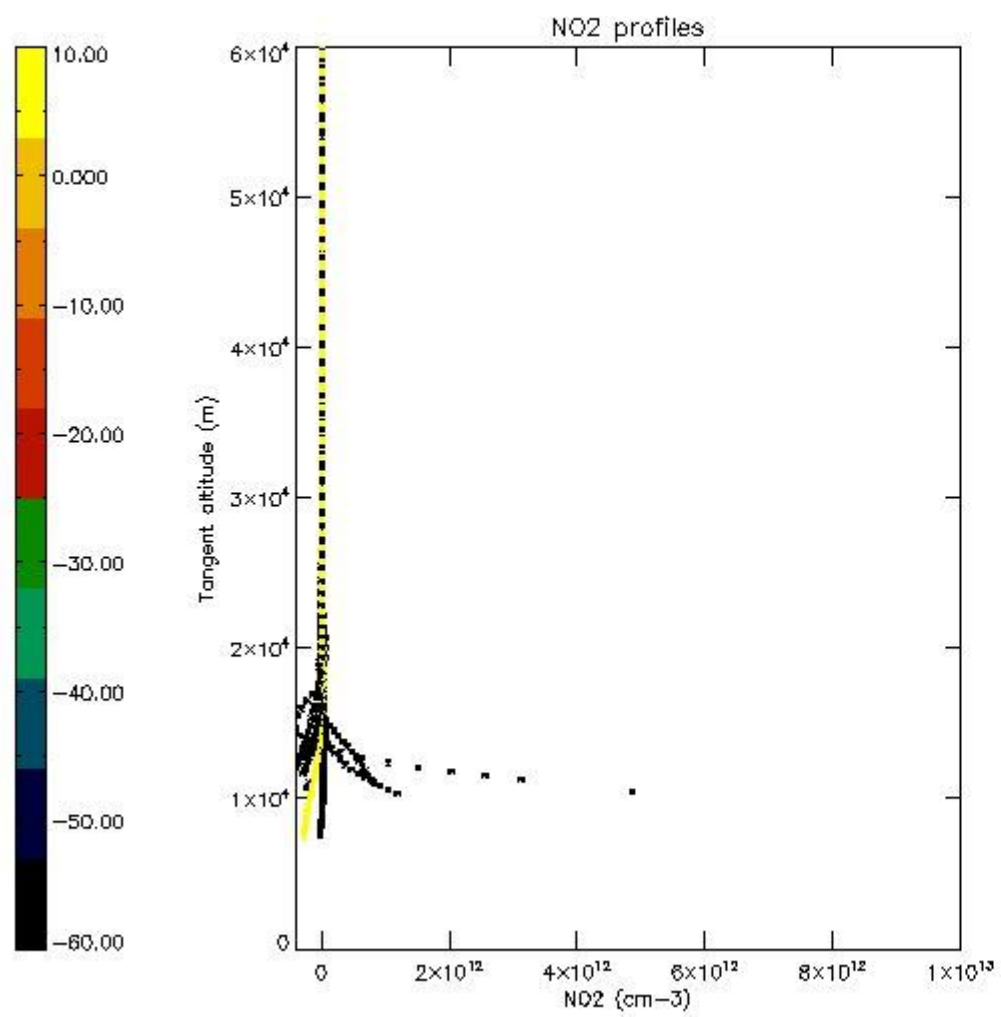
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



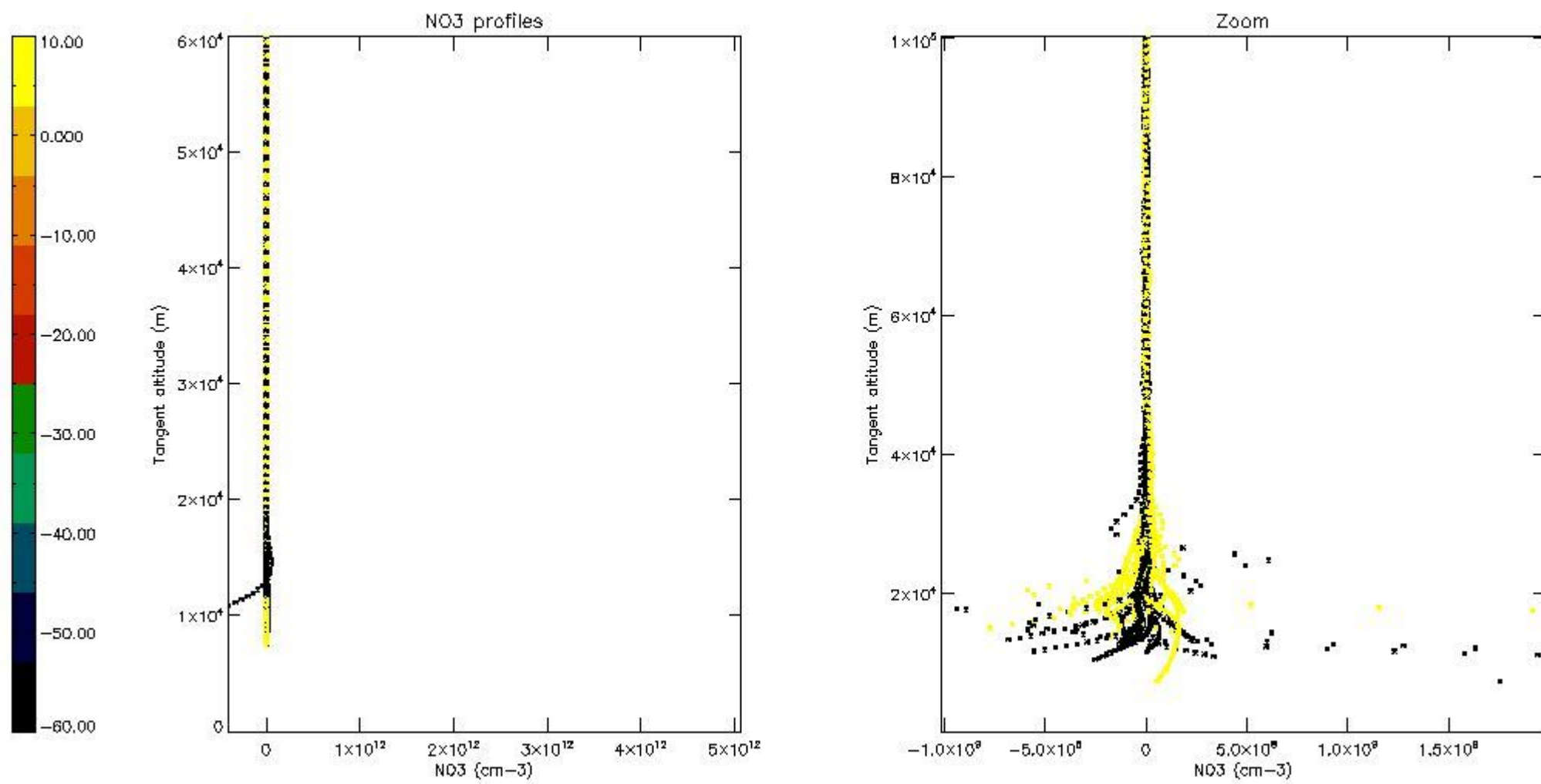
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



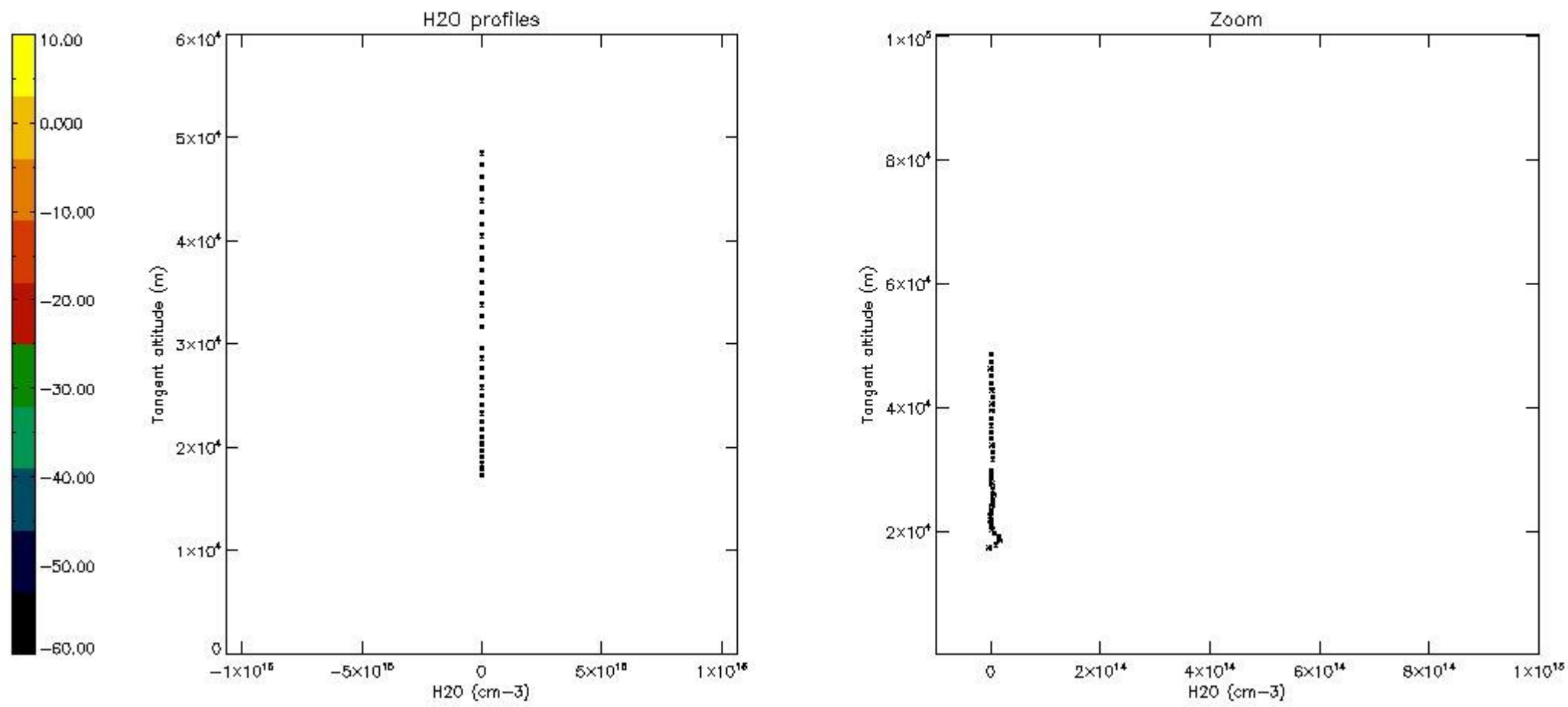
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

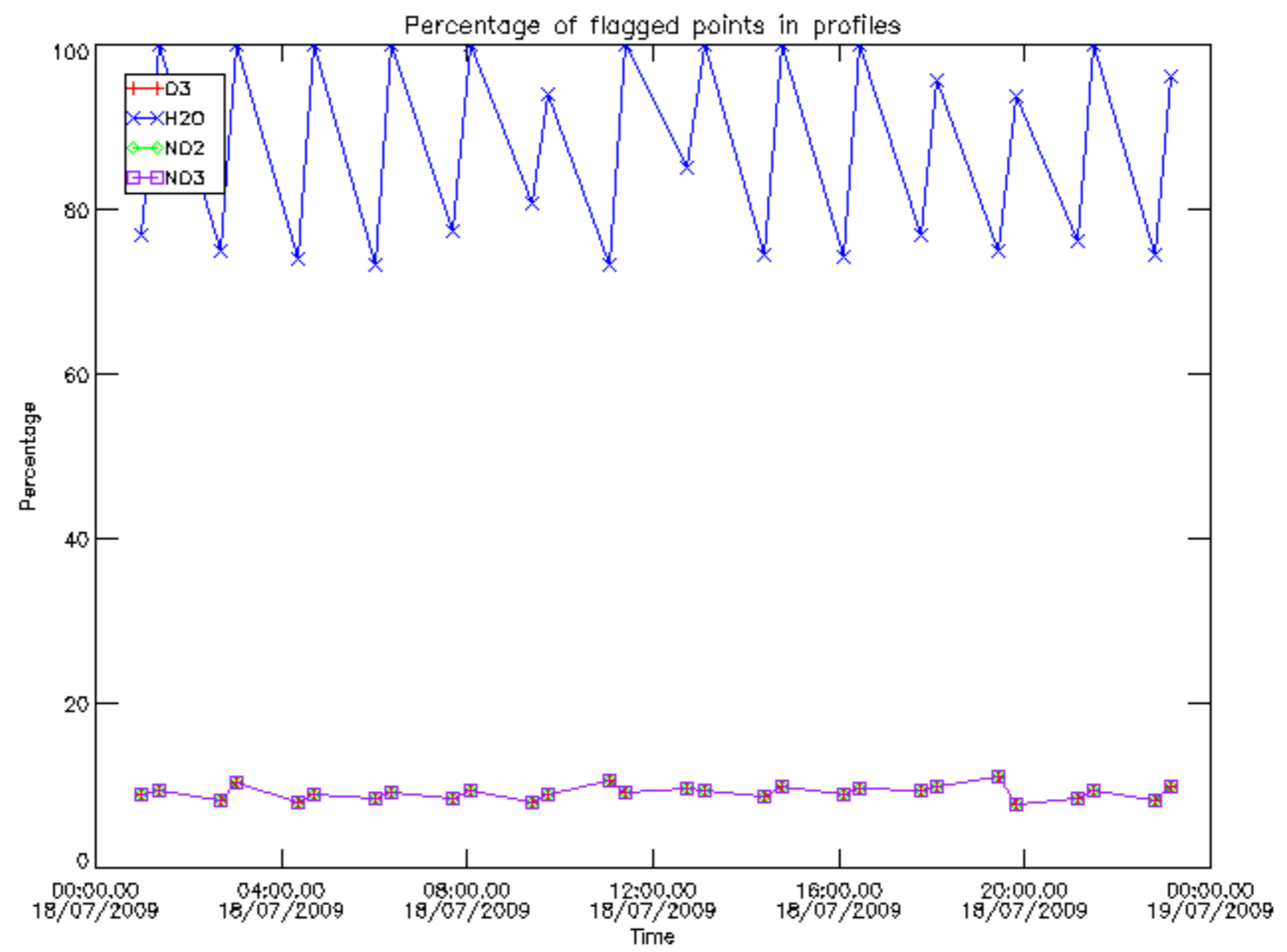
The colorbar represents the latitude.



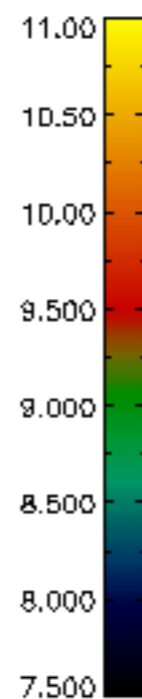
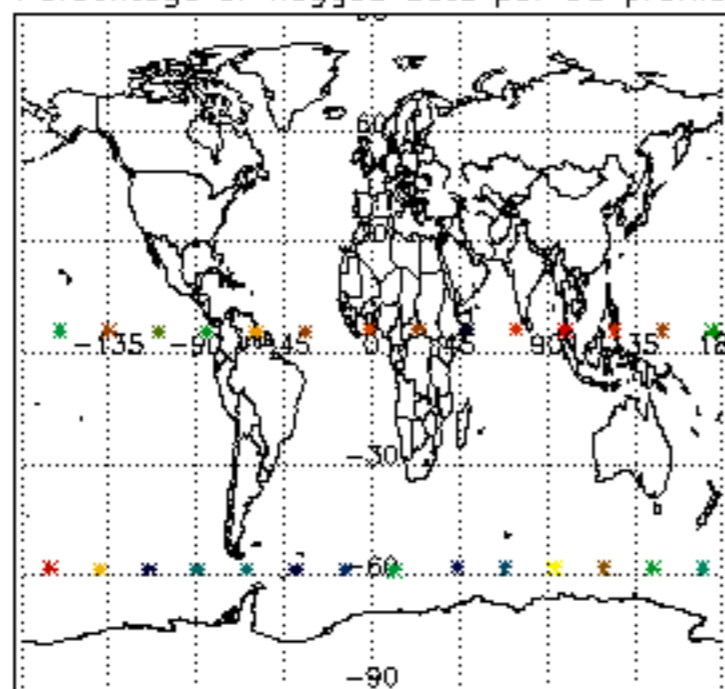
6. Auxiliary Data Files used for the production reported in section 2

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.

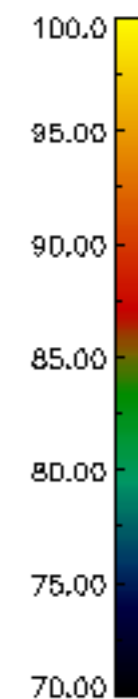
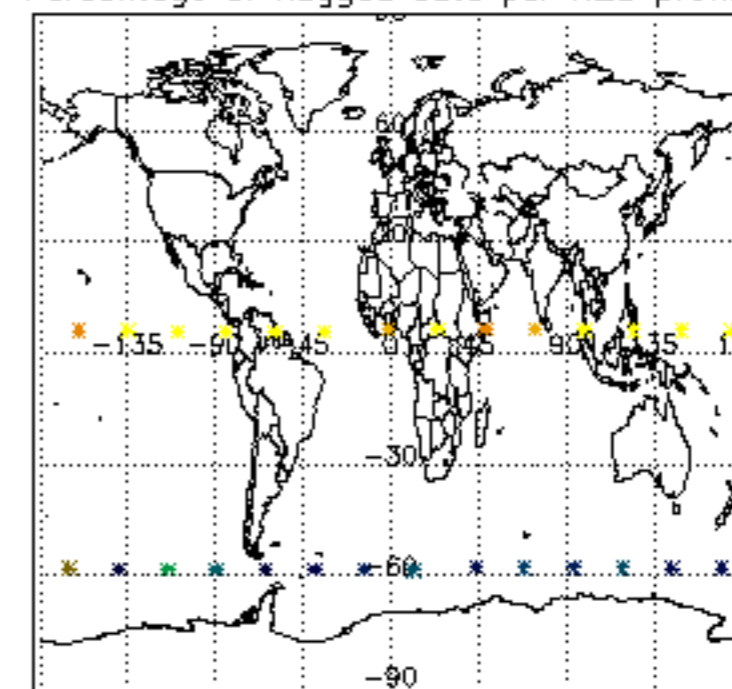
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	18-JUL-2009 00:10:14
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	18-JUL-2009 00:10:14
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	18-JUL-2009 00:10:14



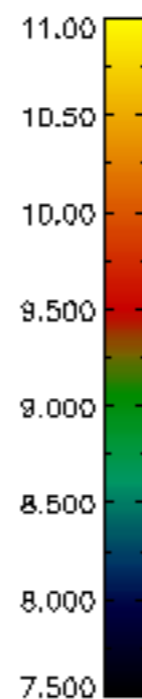
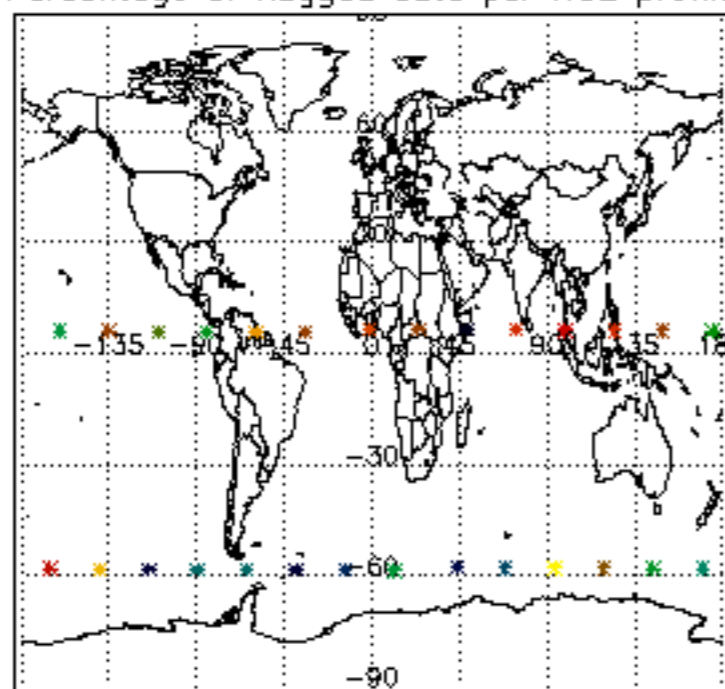
Percentage of flagged data per D3 profile



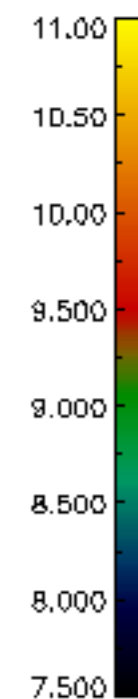
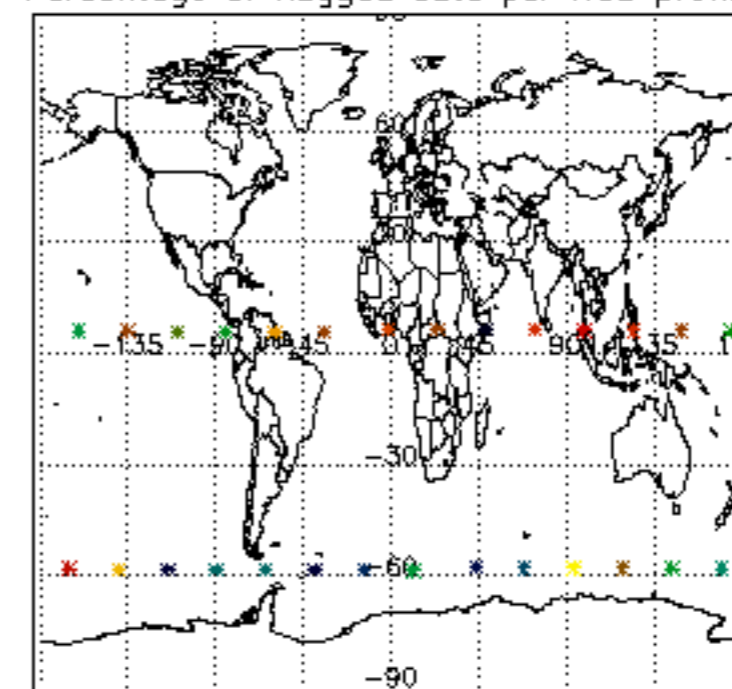
Percentage of flagged data per H2O profile

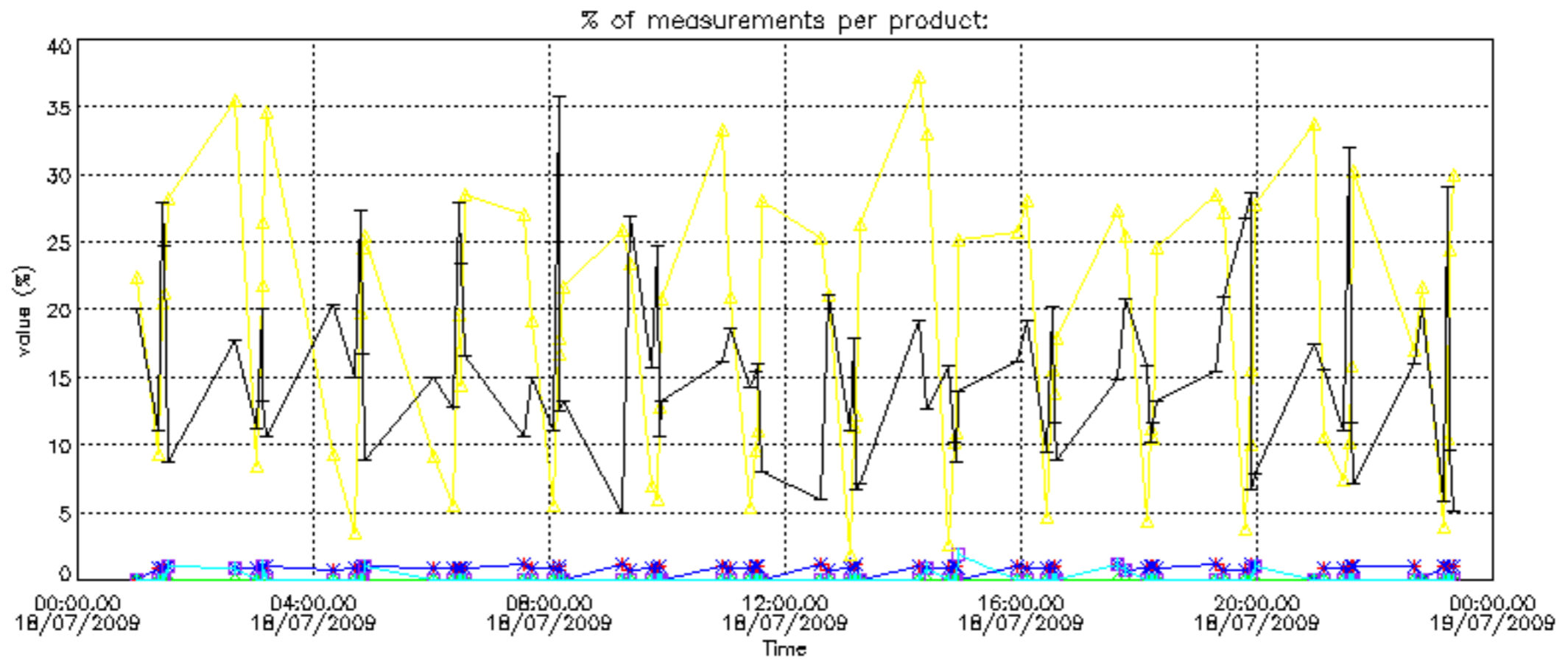


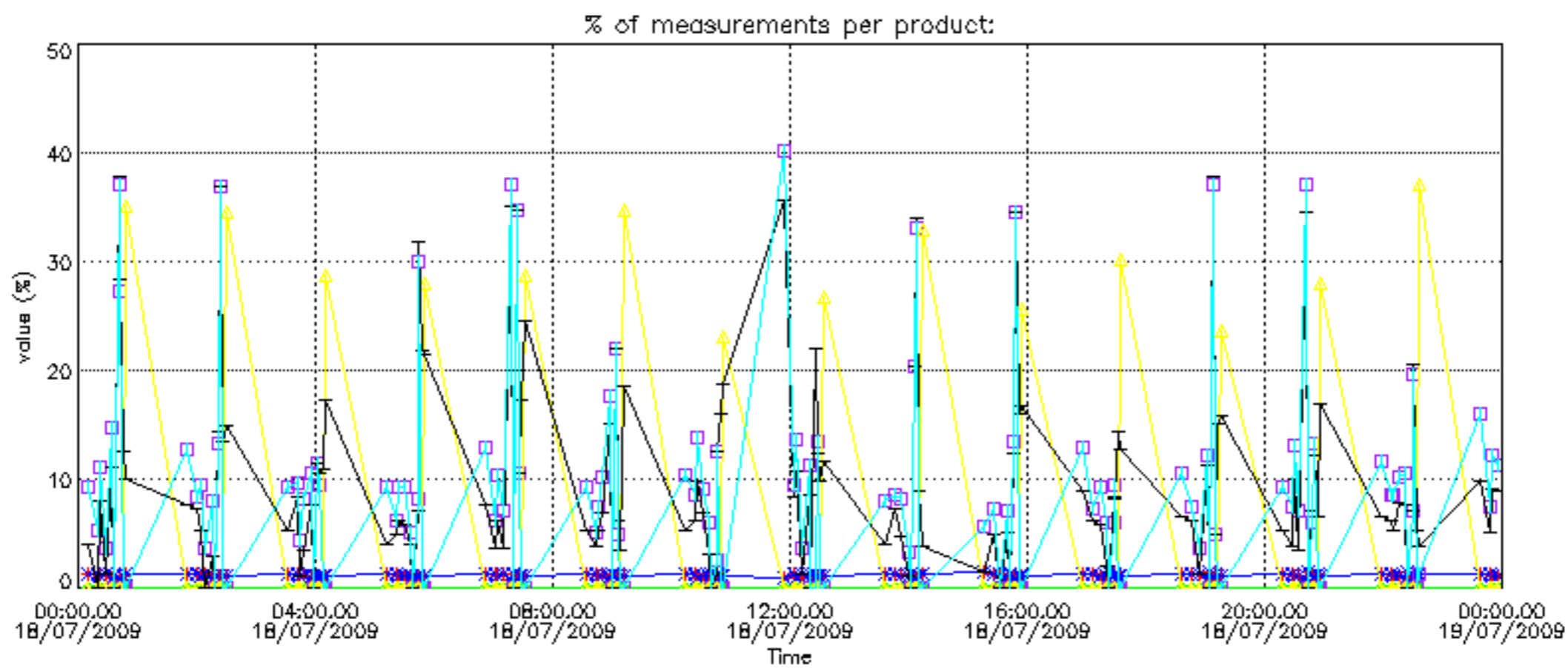
Percentage of flagged data per NO2 profile



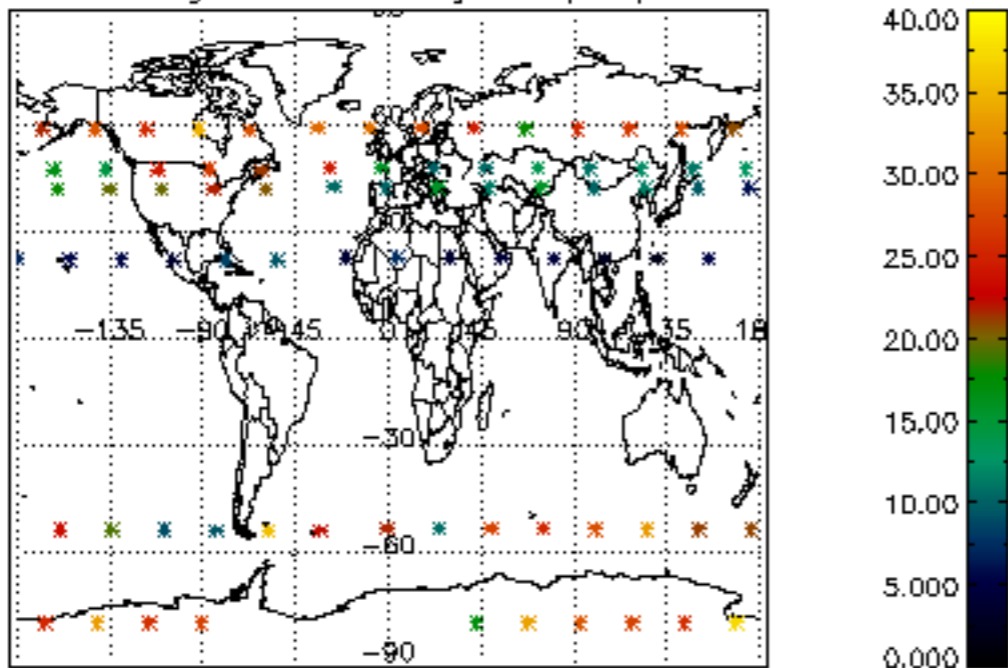
Percentage of flagged data per NO3 profile



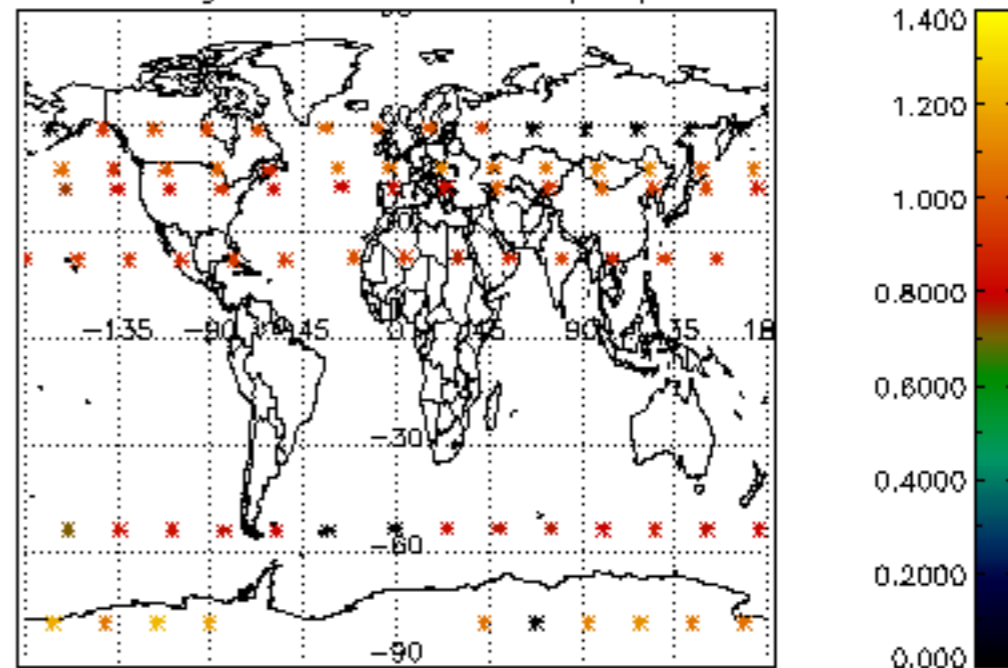




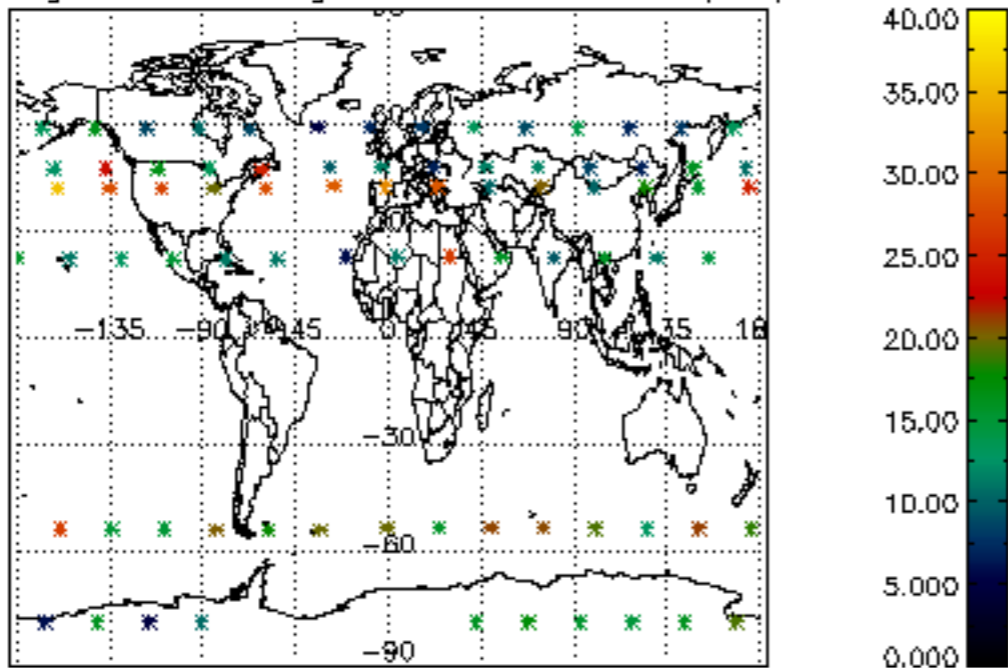
Percentage of cosmic ray hits per profile



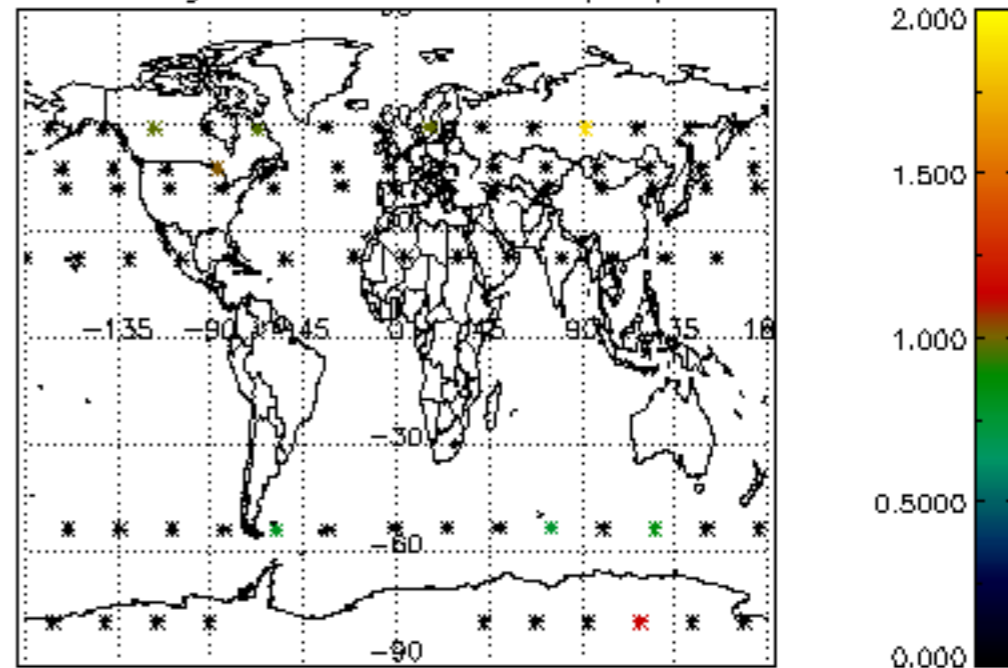
Percentage of datation errors per profile



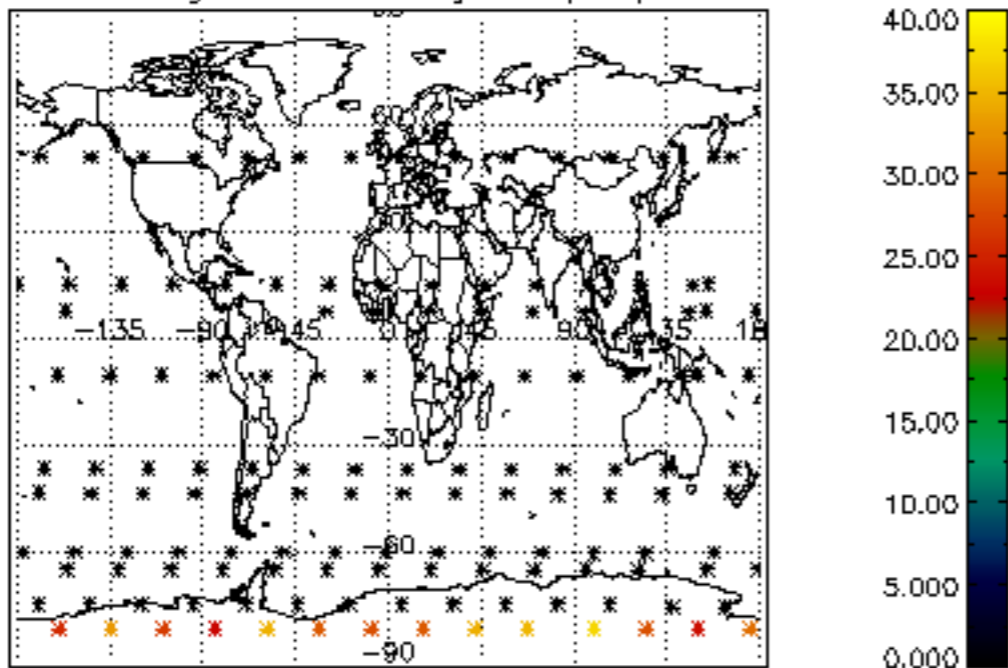
Percentage of star falling outside central band per profile



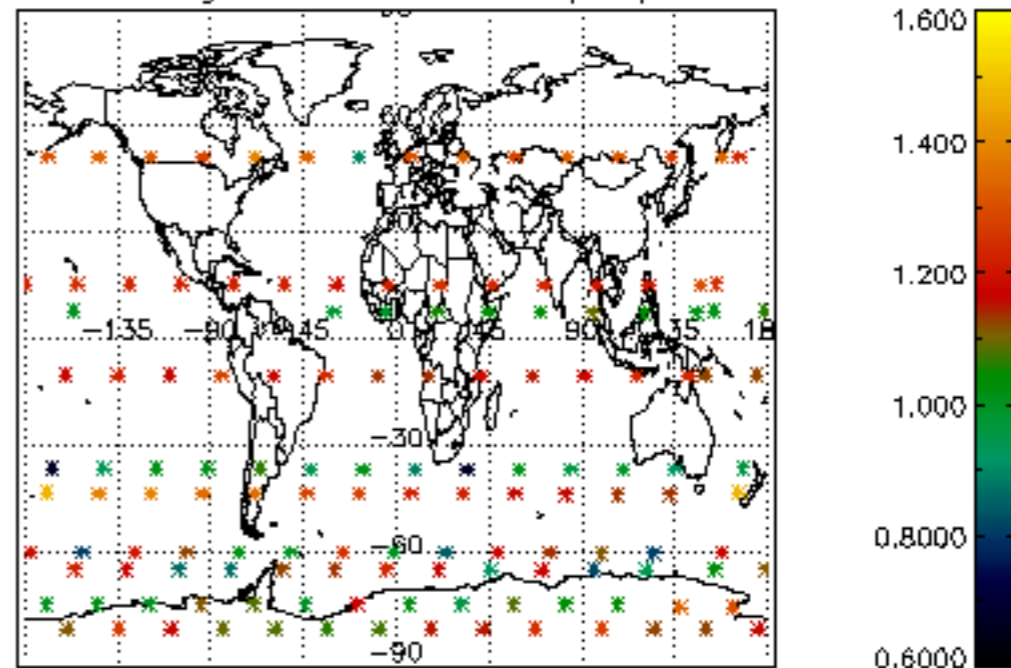
Percentage of saturation errors per profile



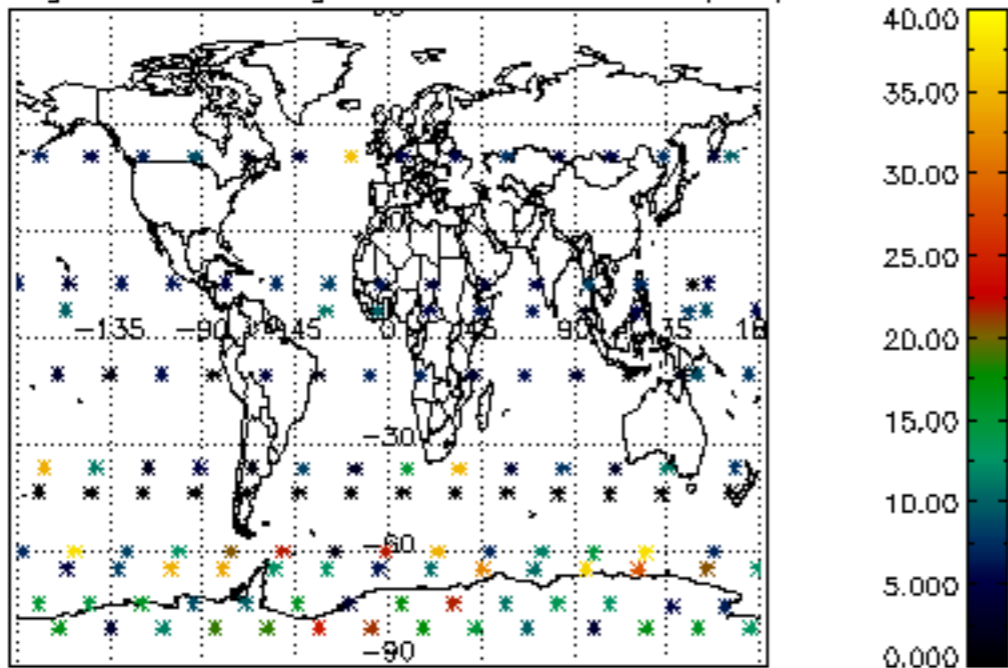
Percentage of cosmic ray hits per profile



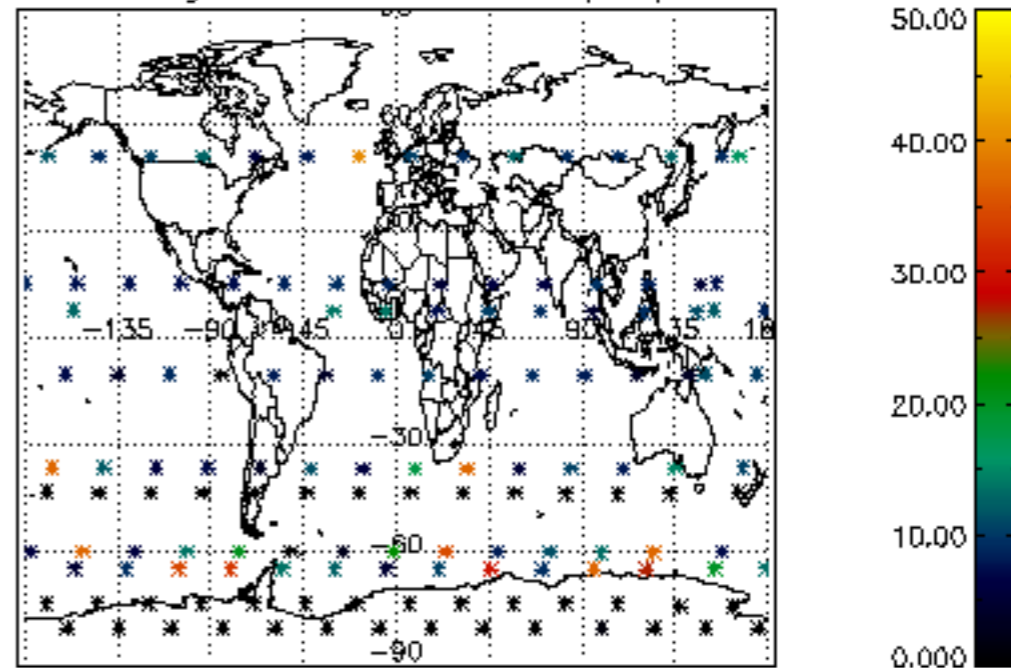
Percentage of datation errors per profile

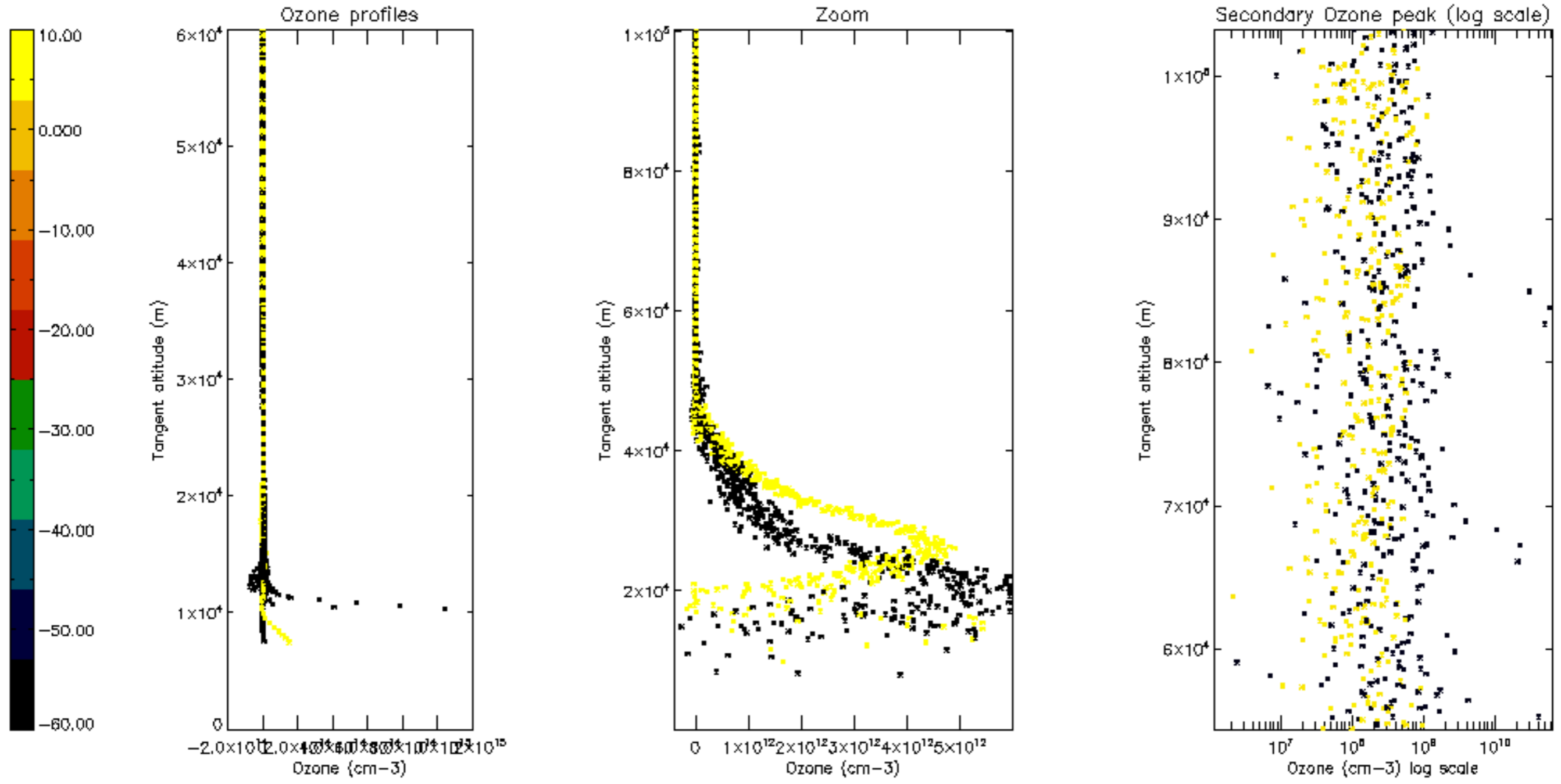


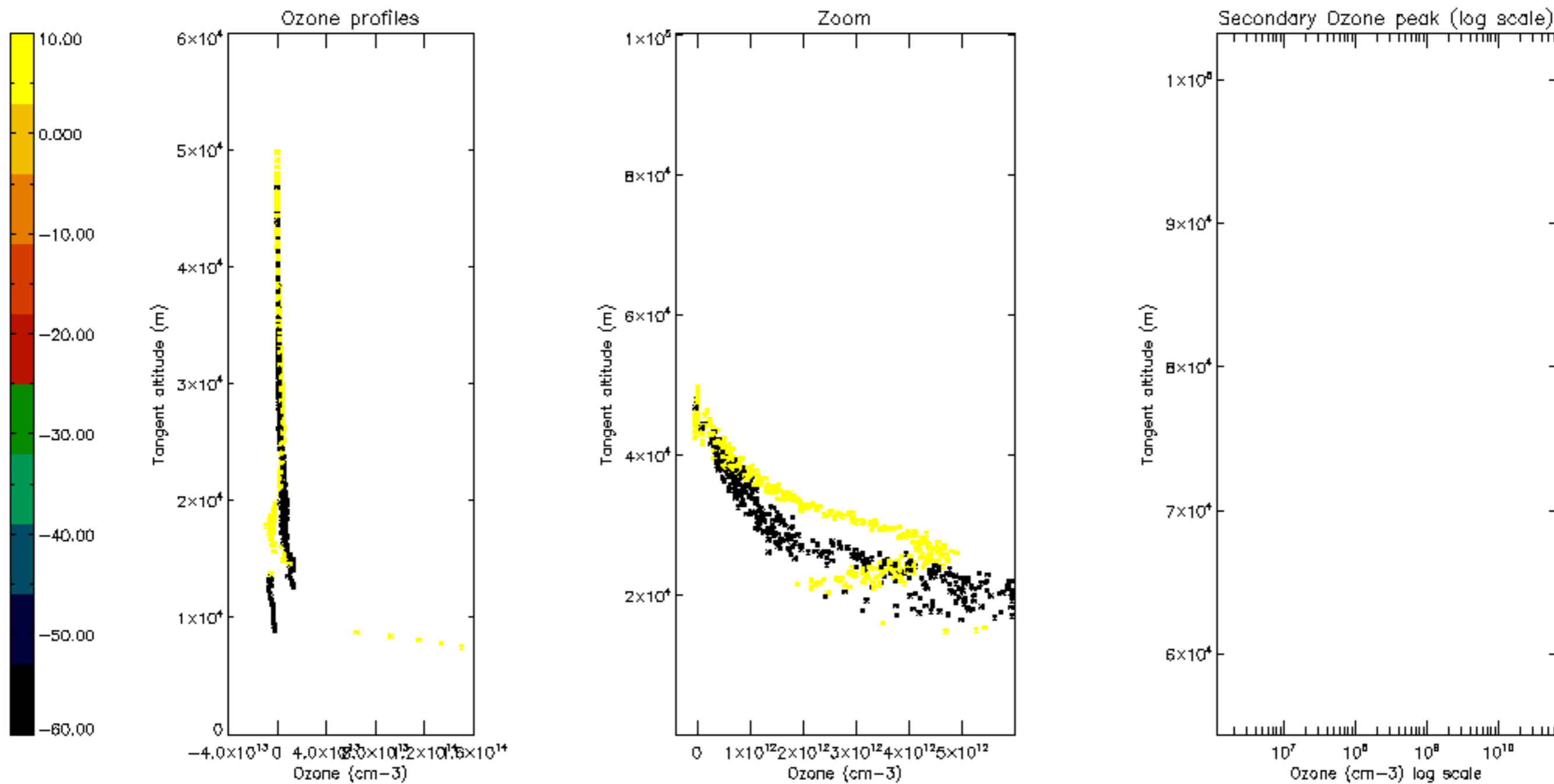
Percentage of star falling outside central band per profile

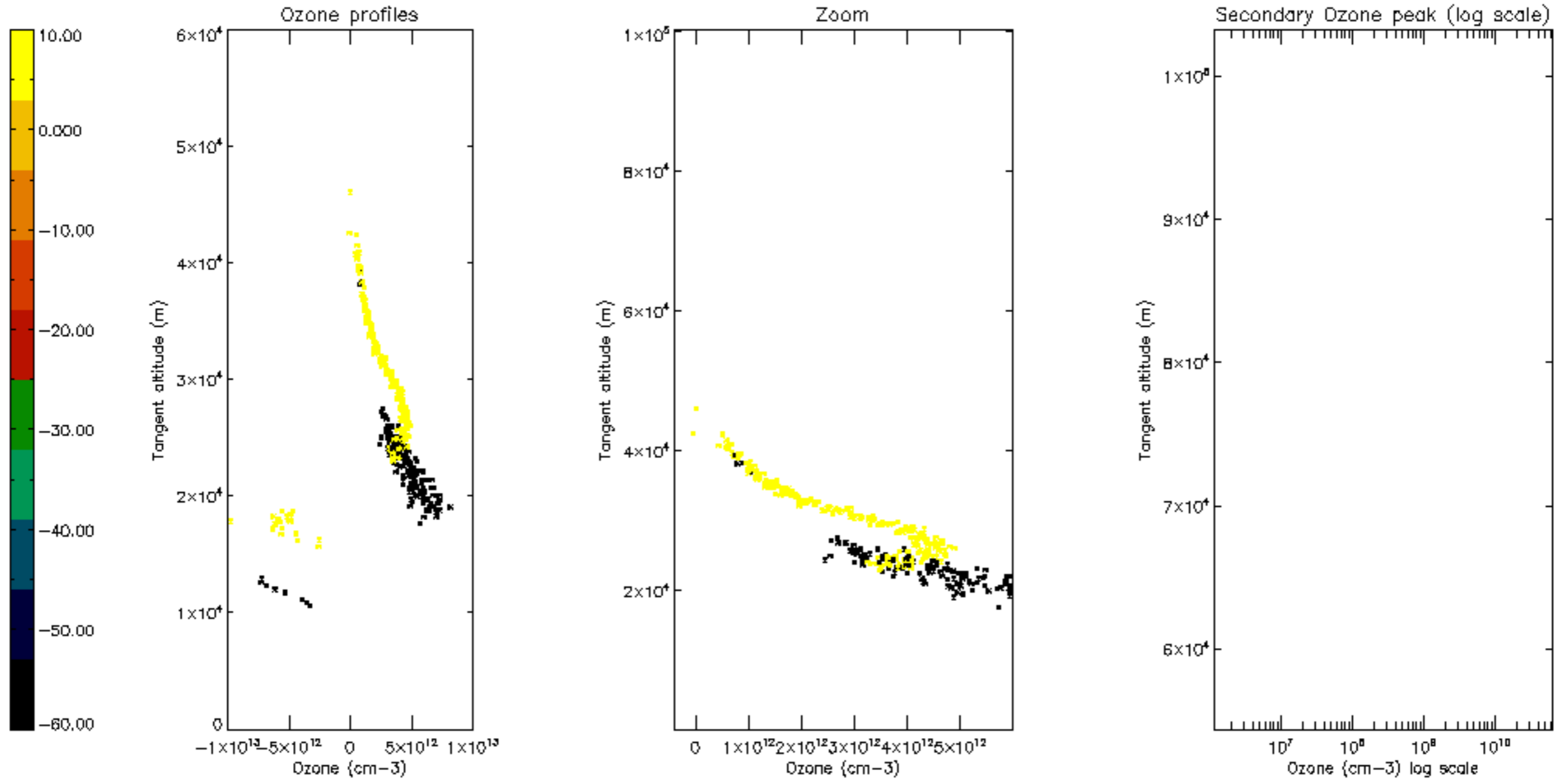


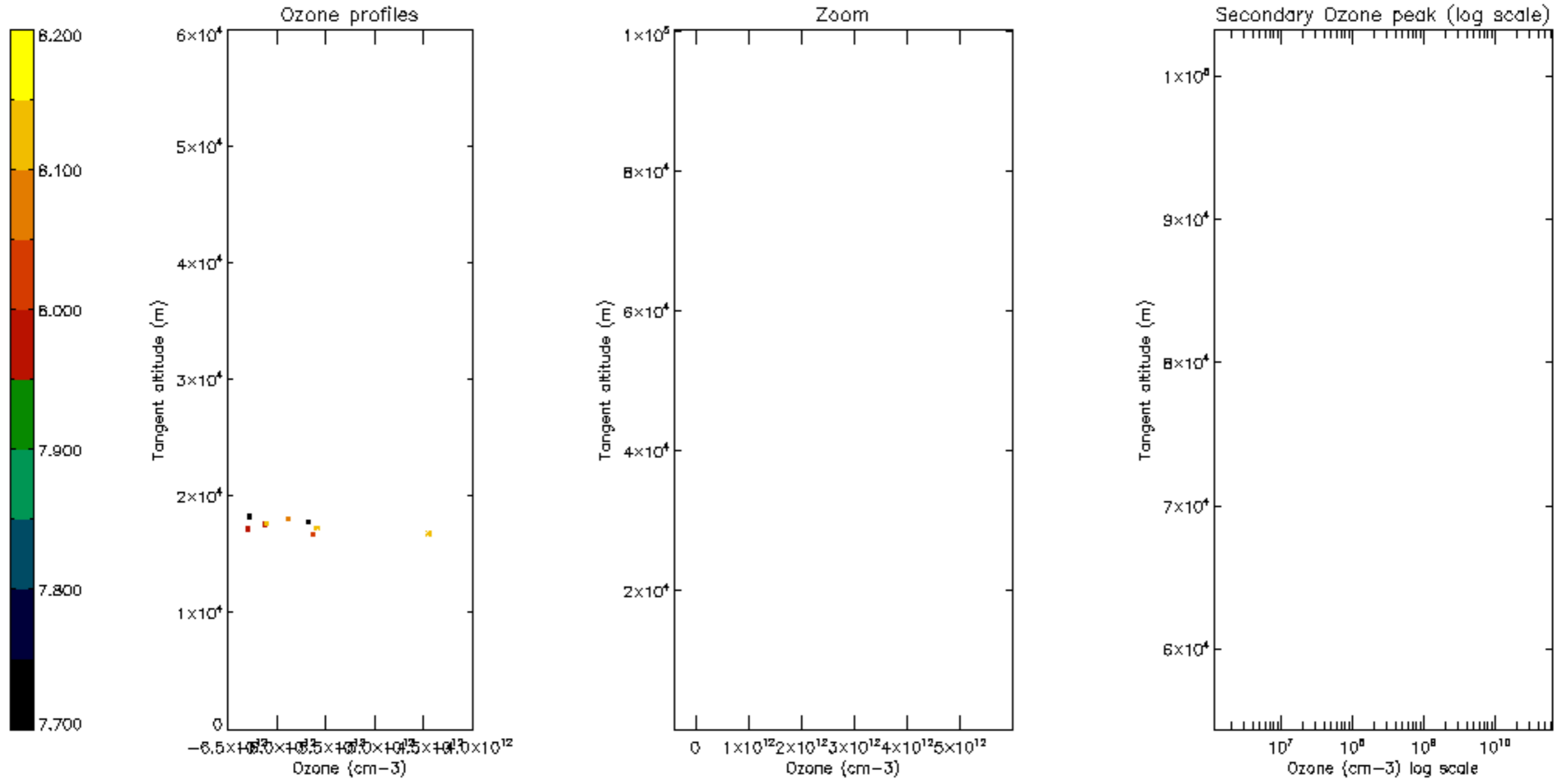
Percentage of saturation errors per profile

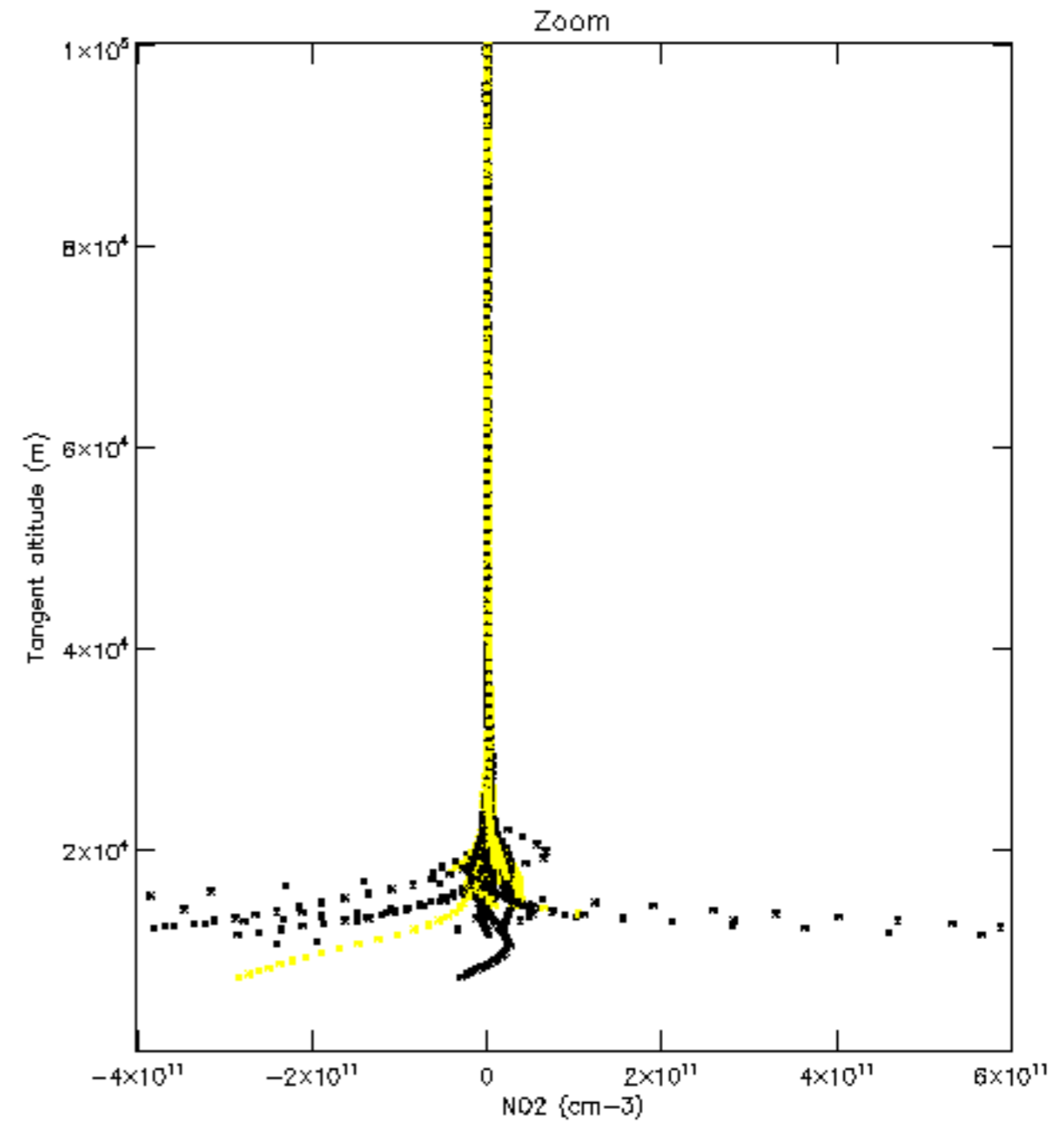
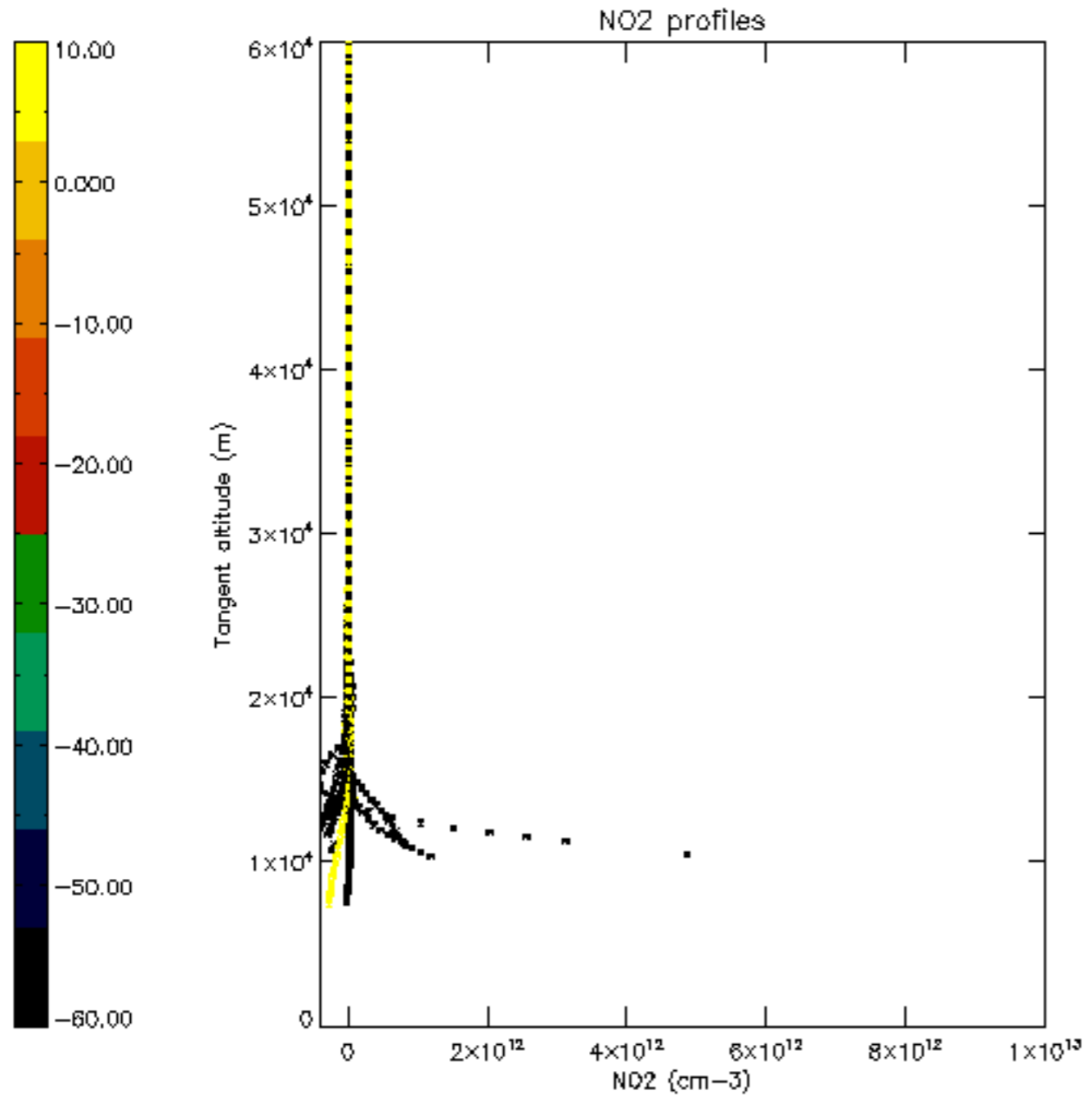


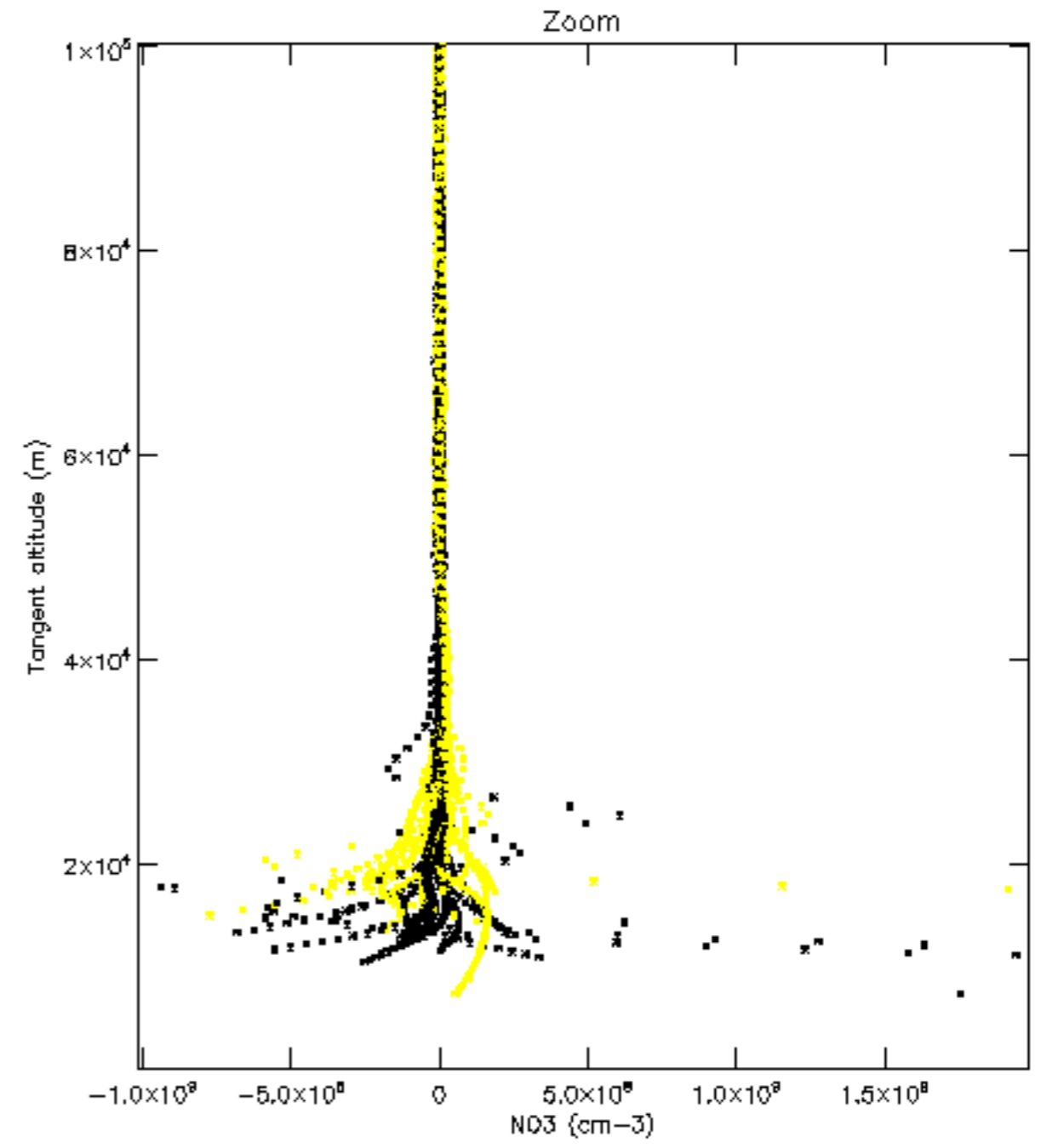
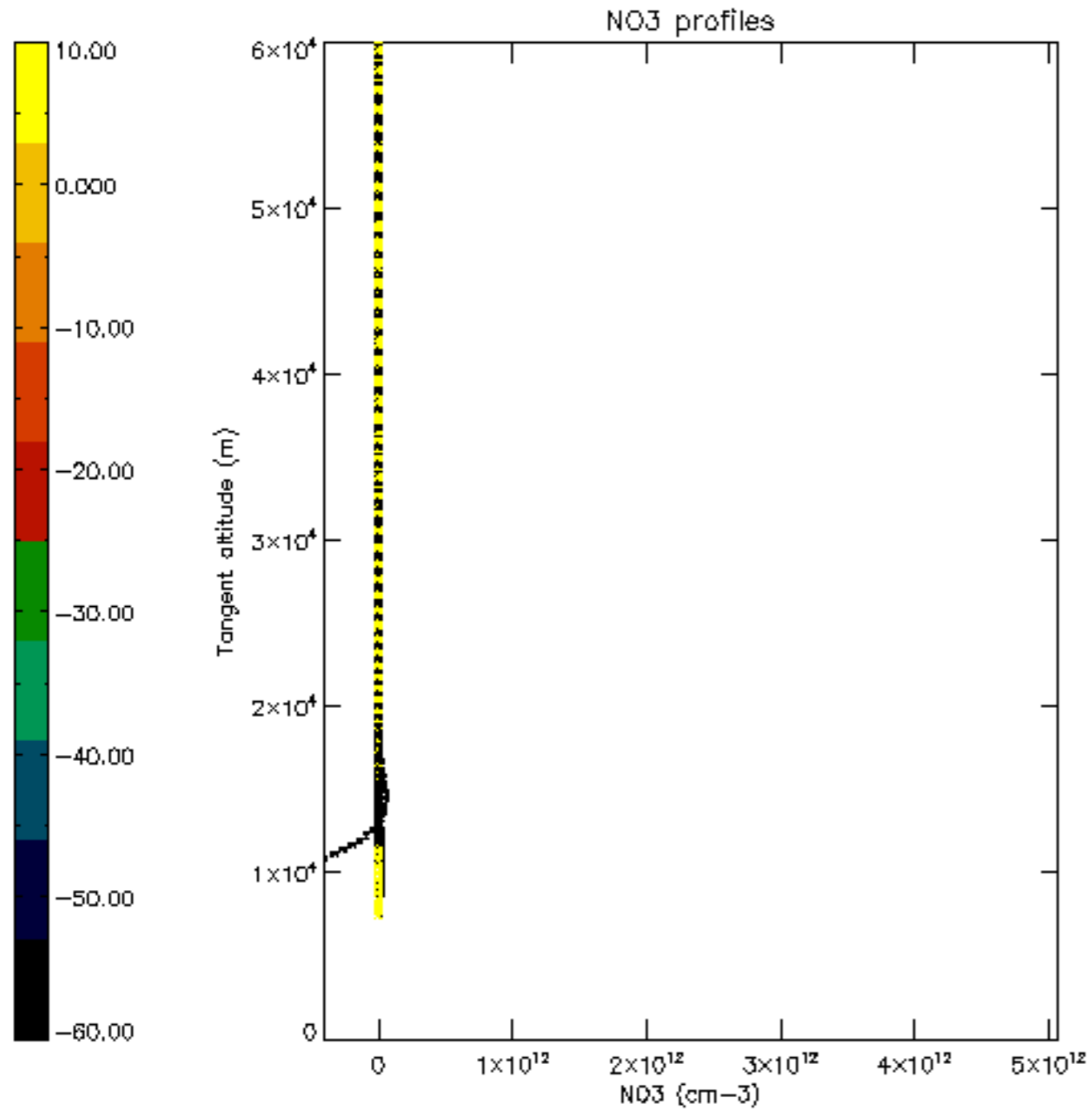


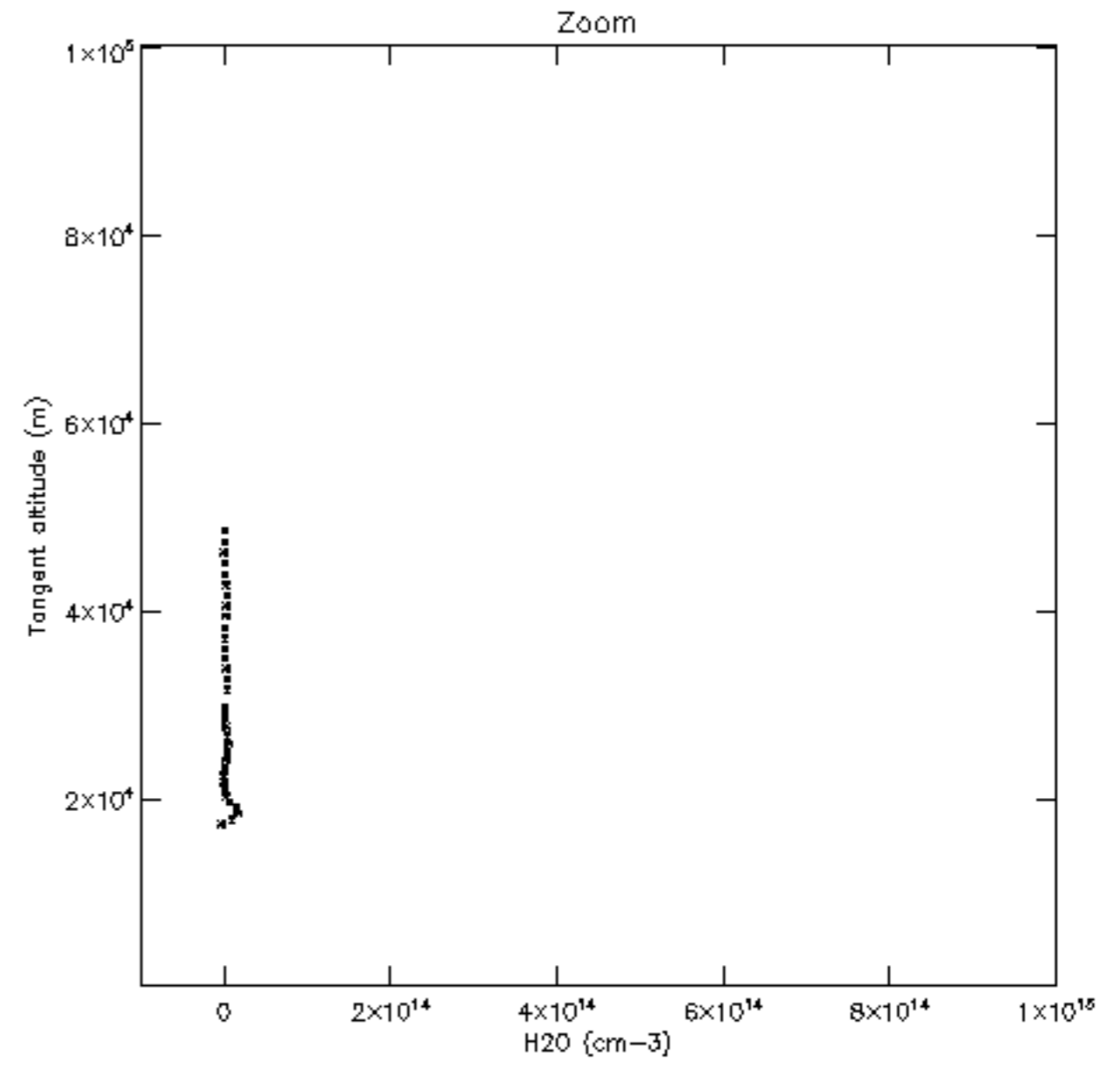
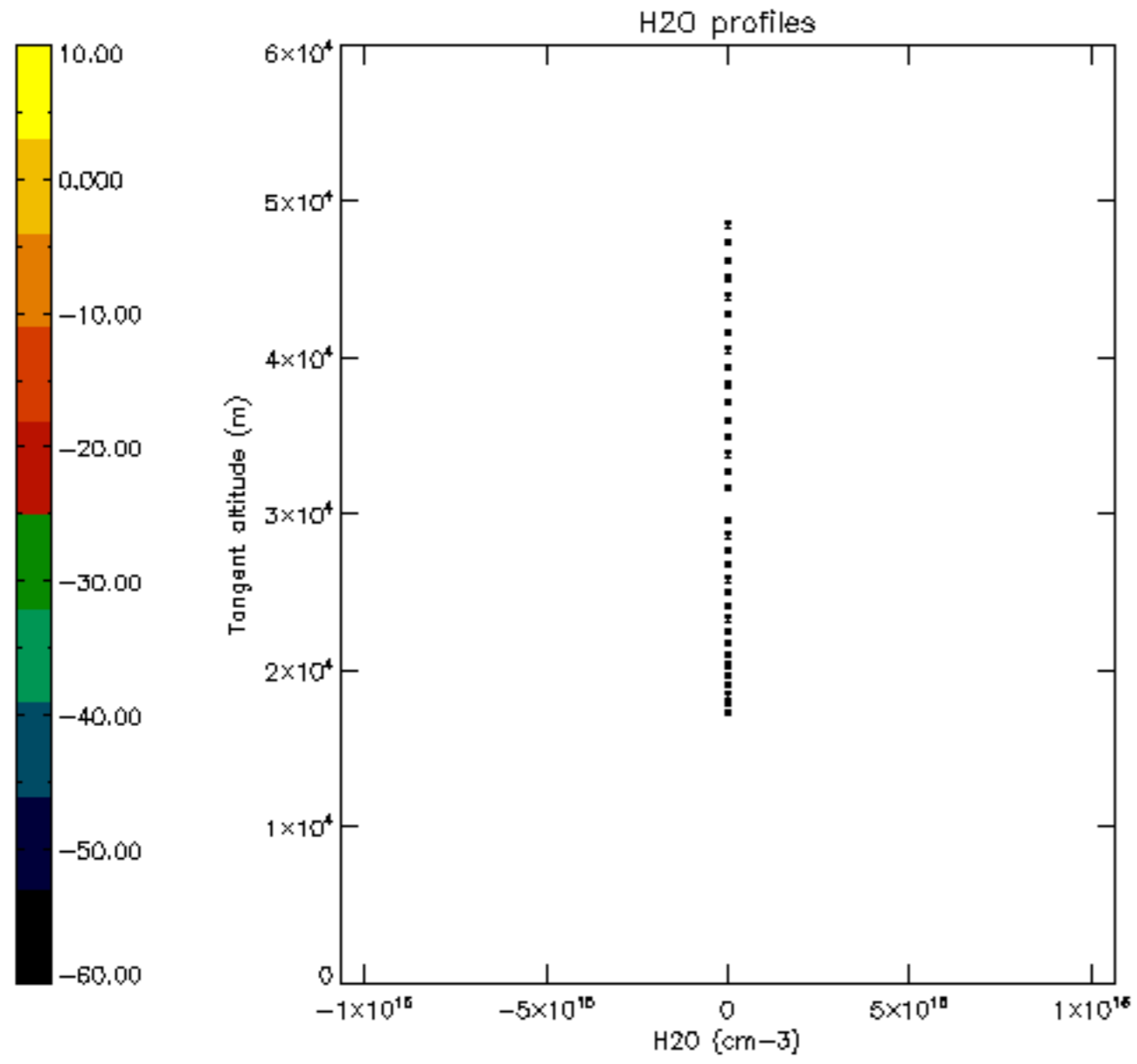


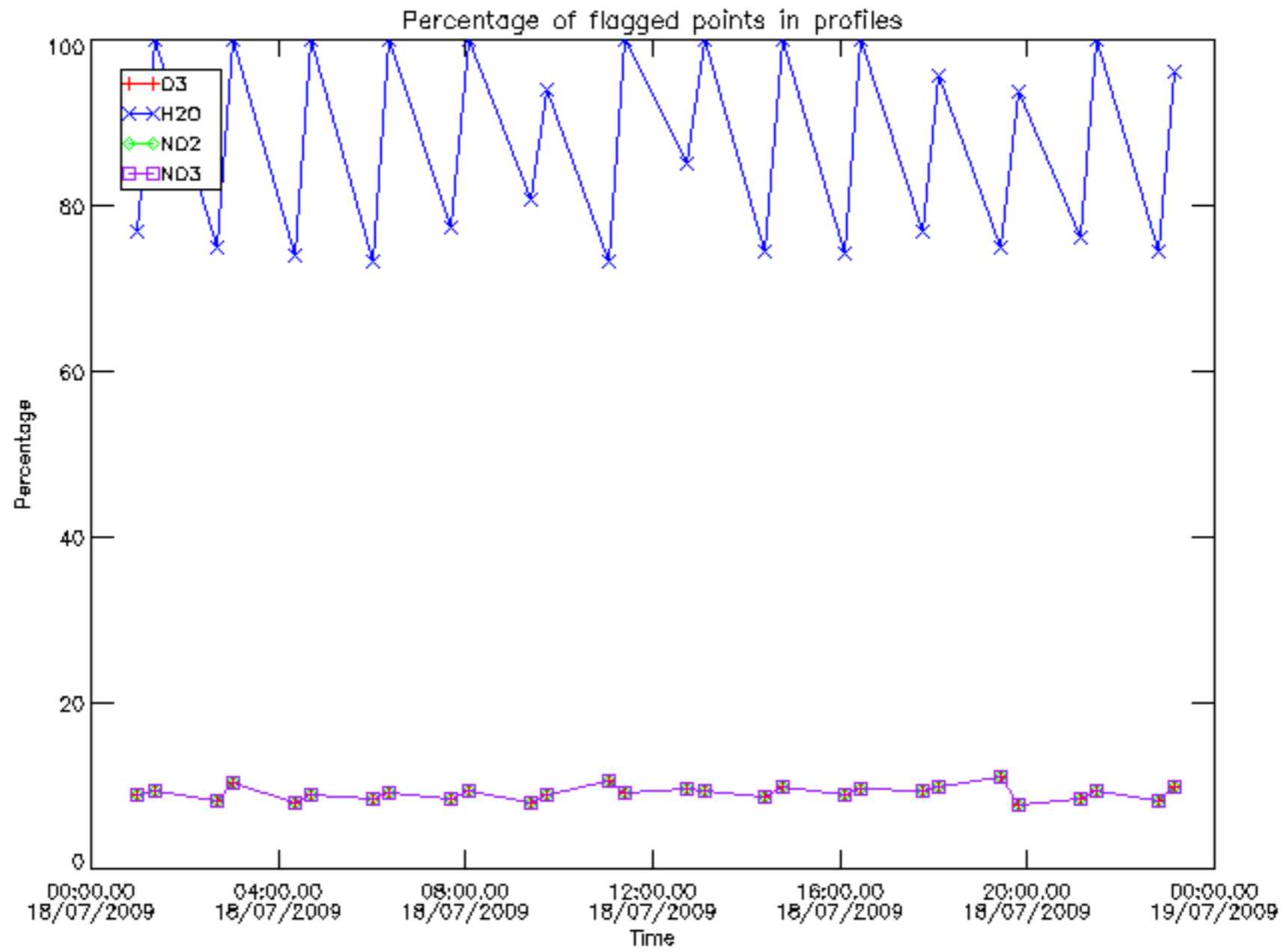




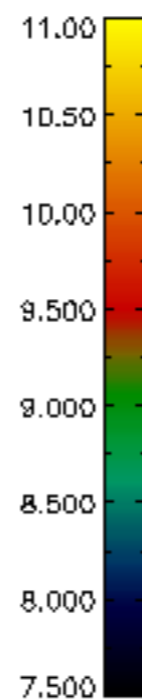
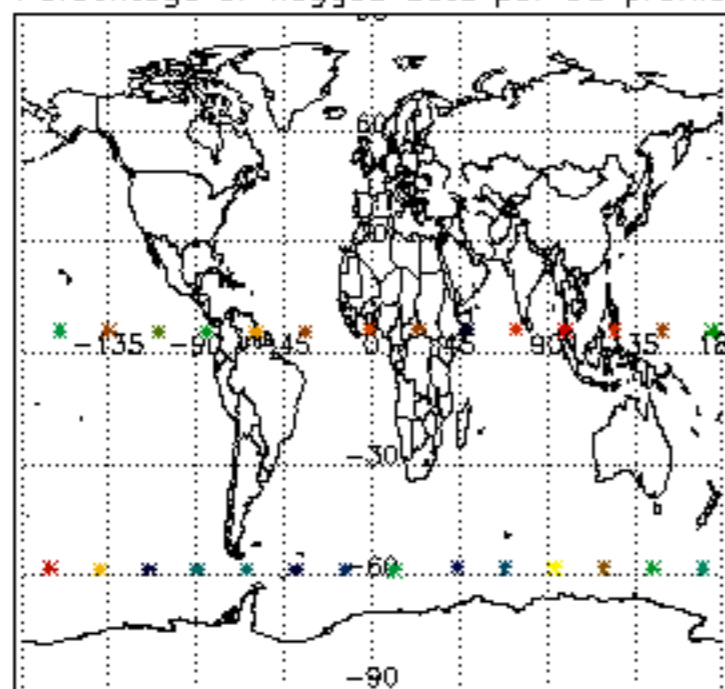




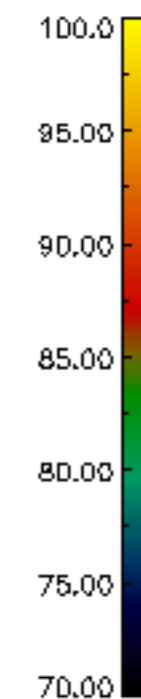
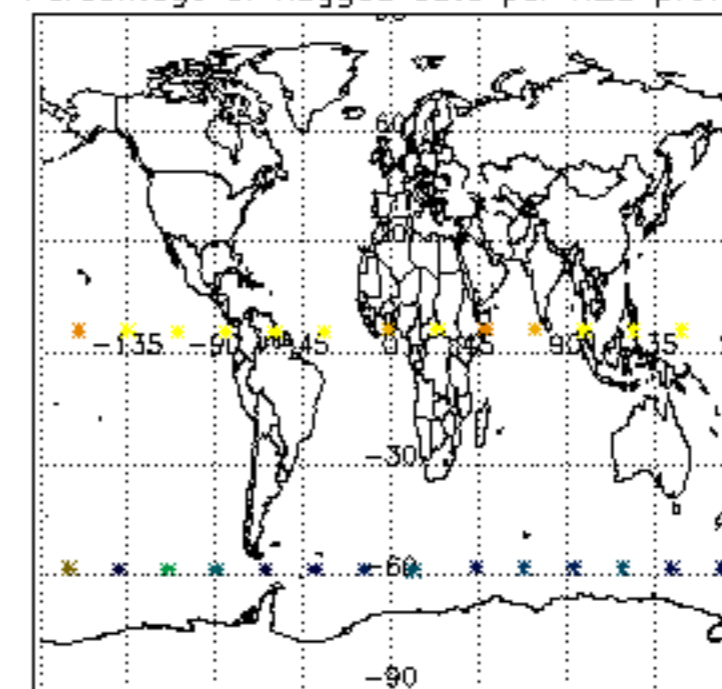




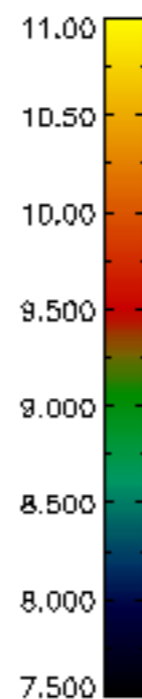
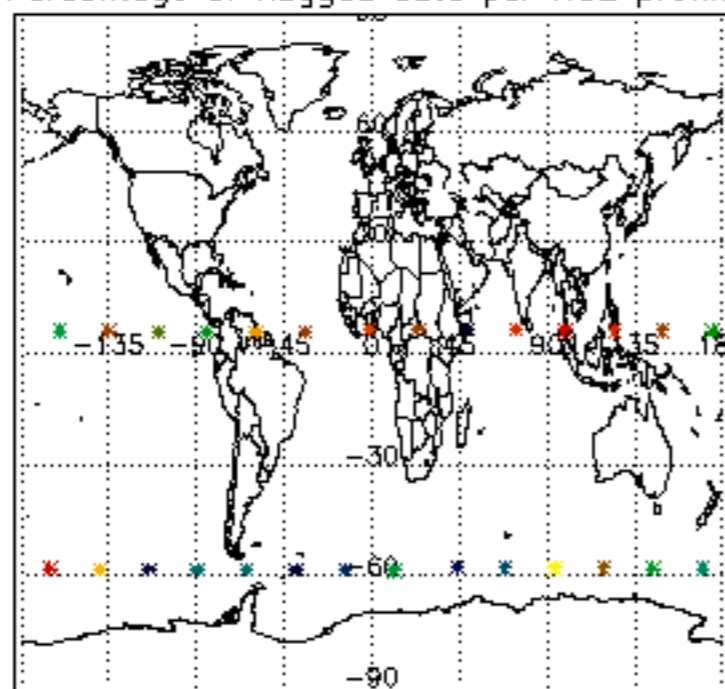
Percentage of flagged data per D3 profile



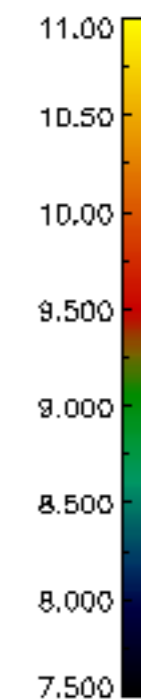
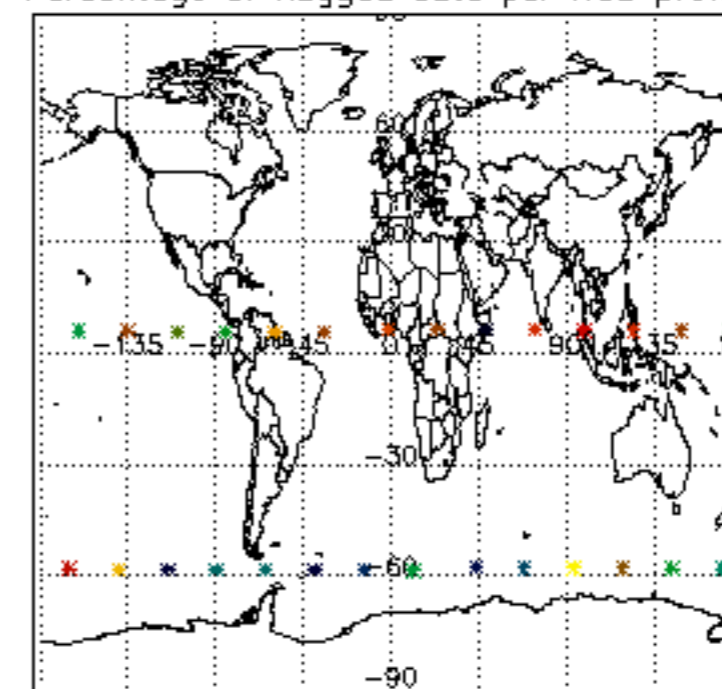
Percentage of flagged data per H2O profile

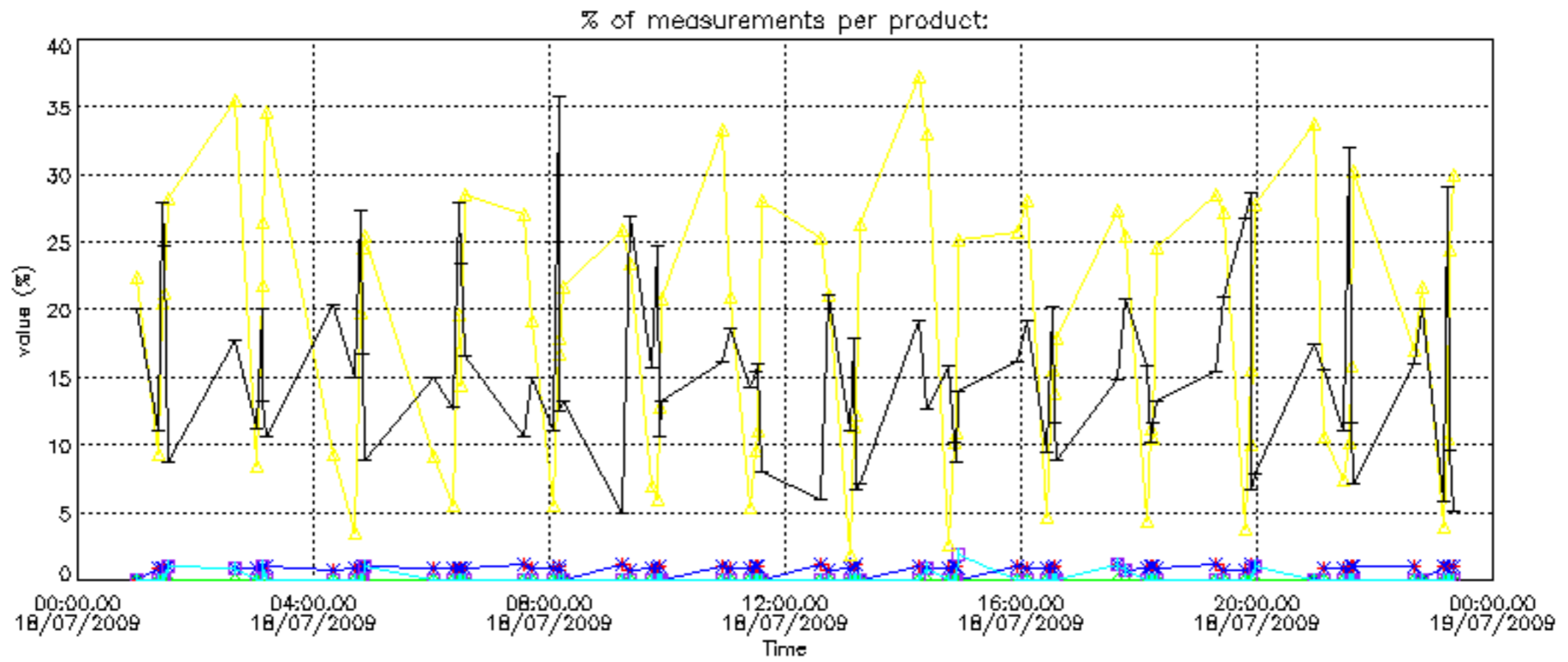


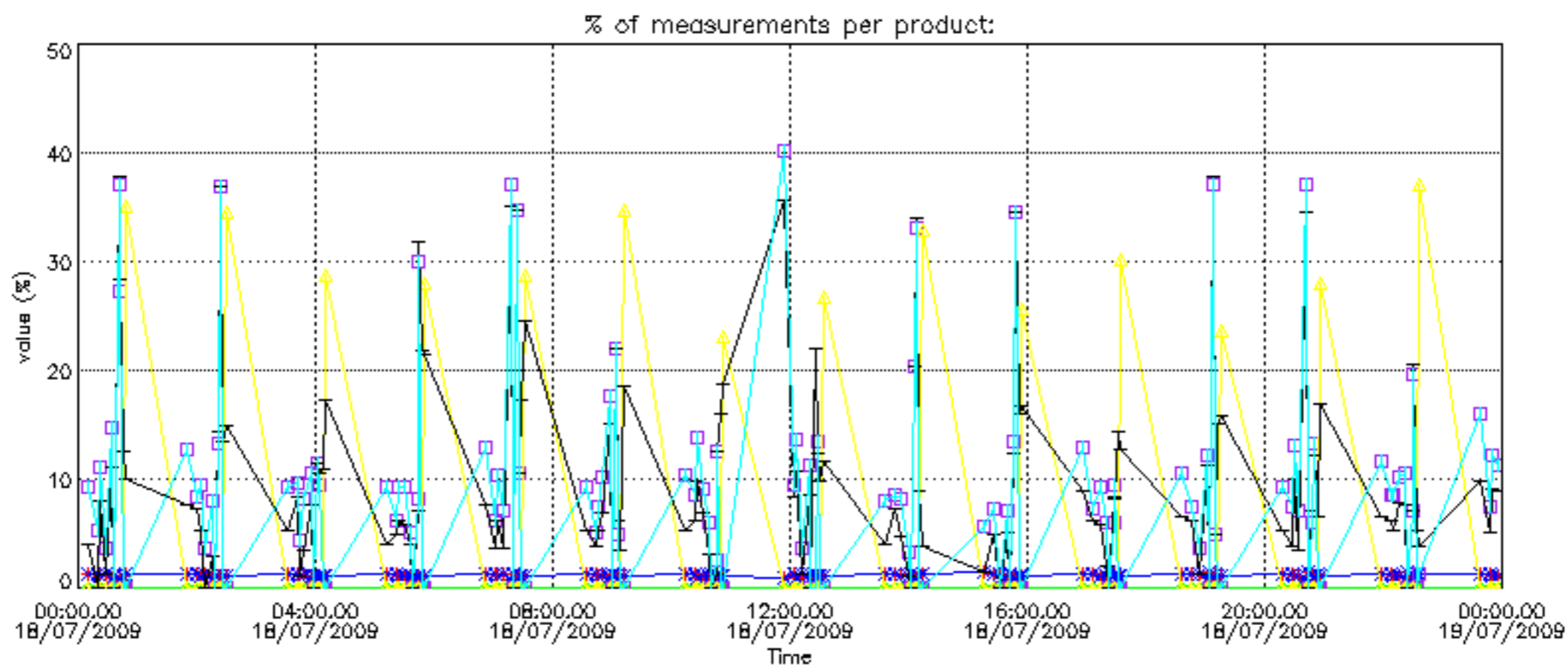
Percentage of flagged data per NO2 profile



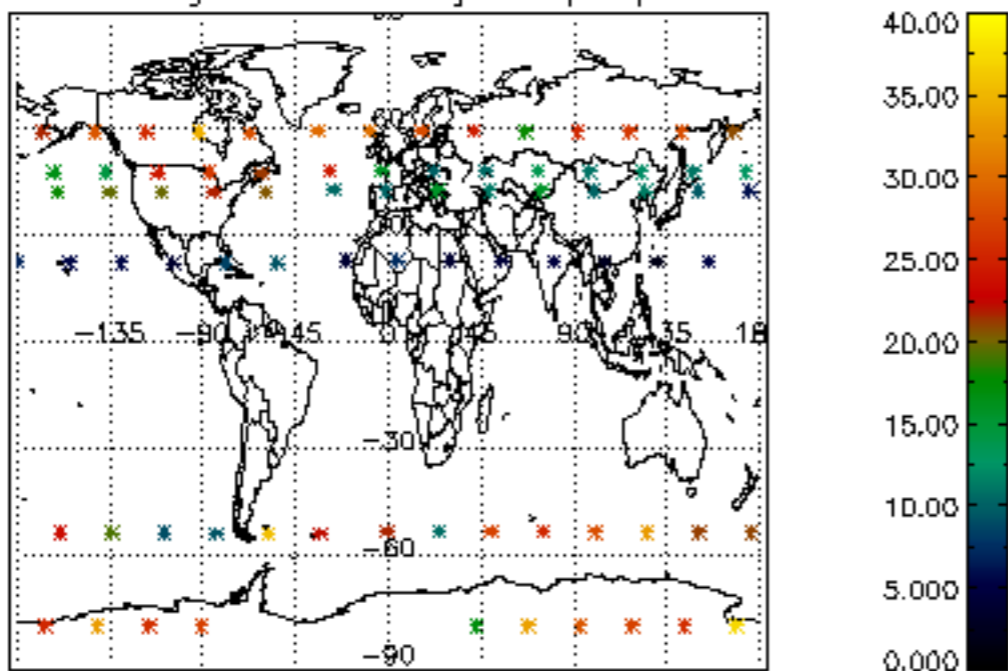
Percentage of flagged data per NO3 profile



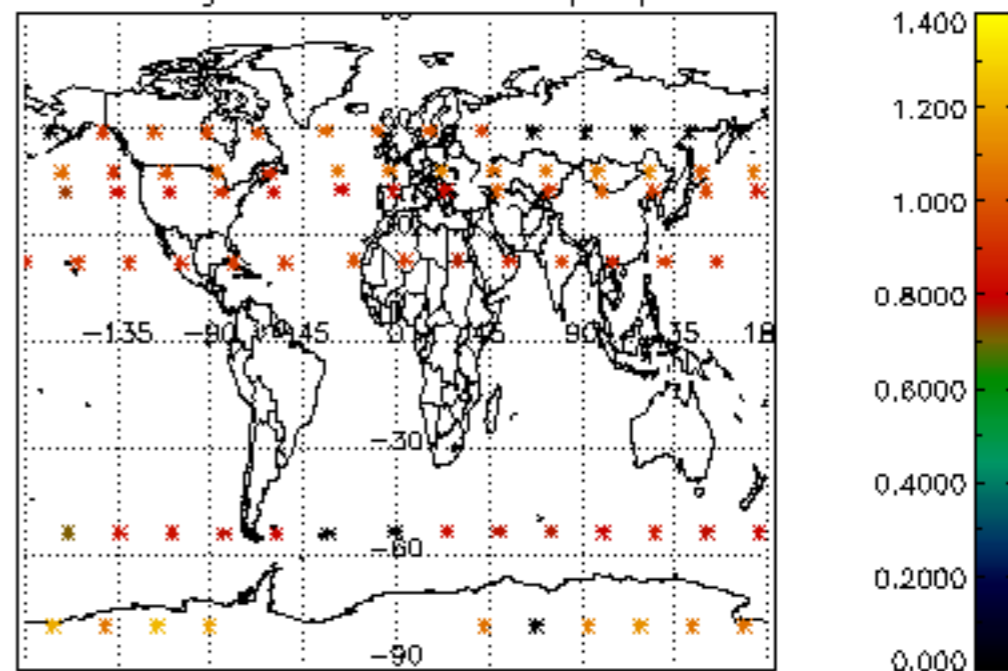




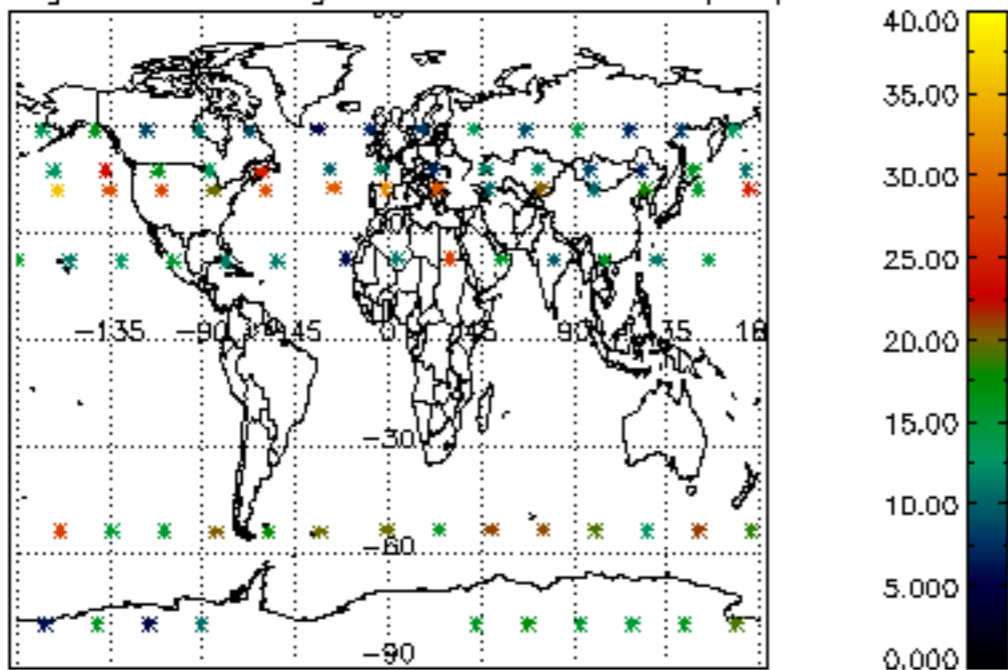
Percentage of cosmic ray hits per profile



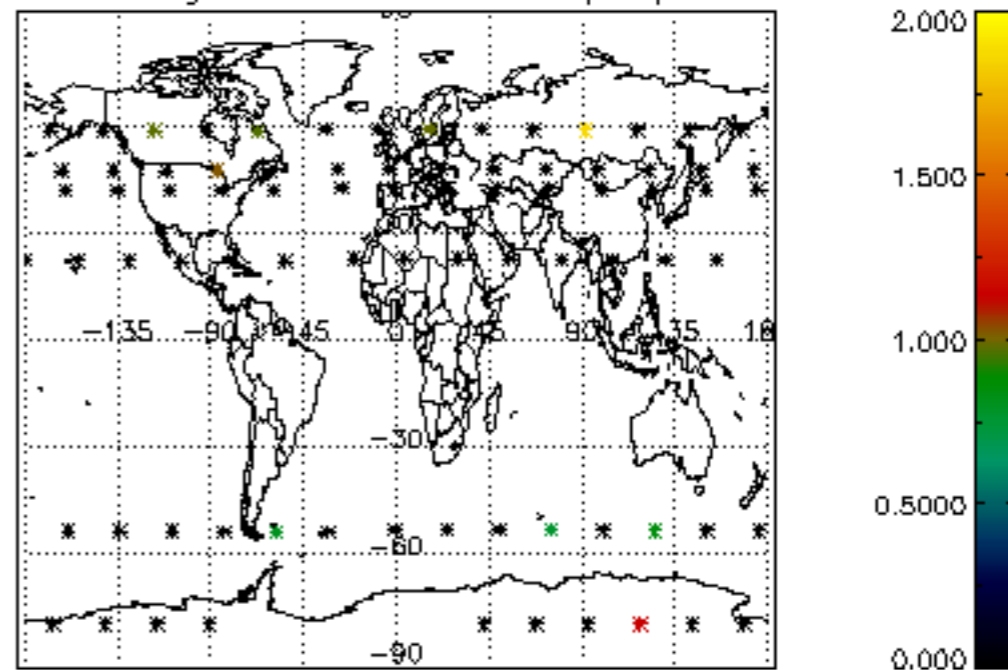
Percentage of datation errors per profile



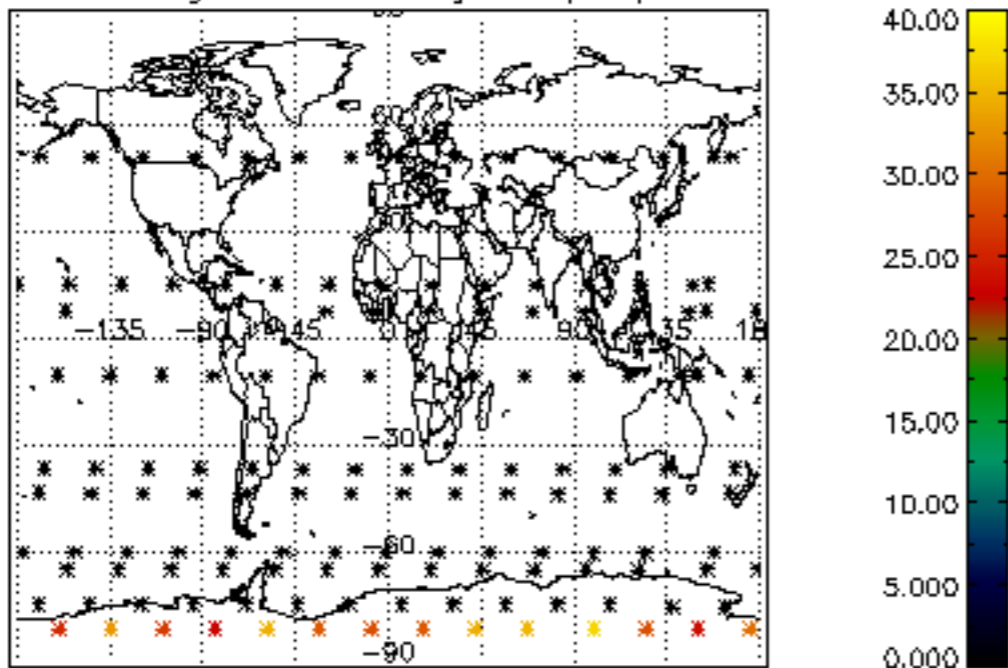
Percentage of star falling outside central band per profile



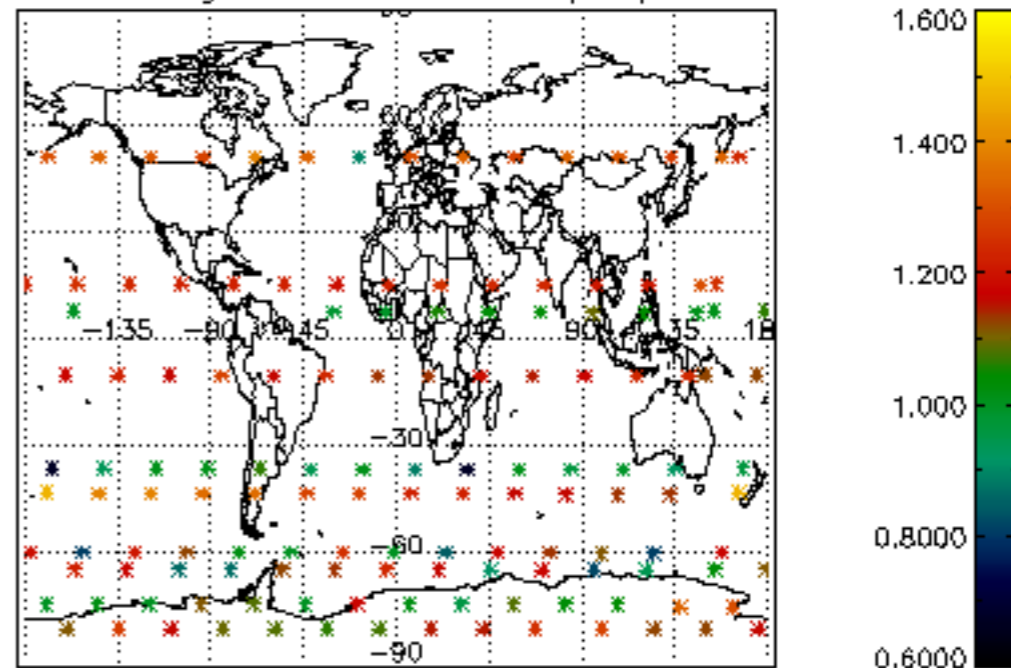
Percentage of saturation errors per profile



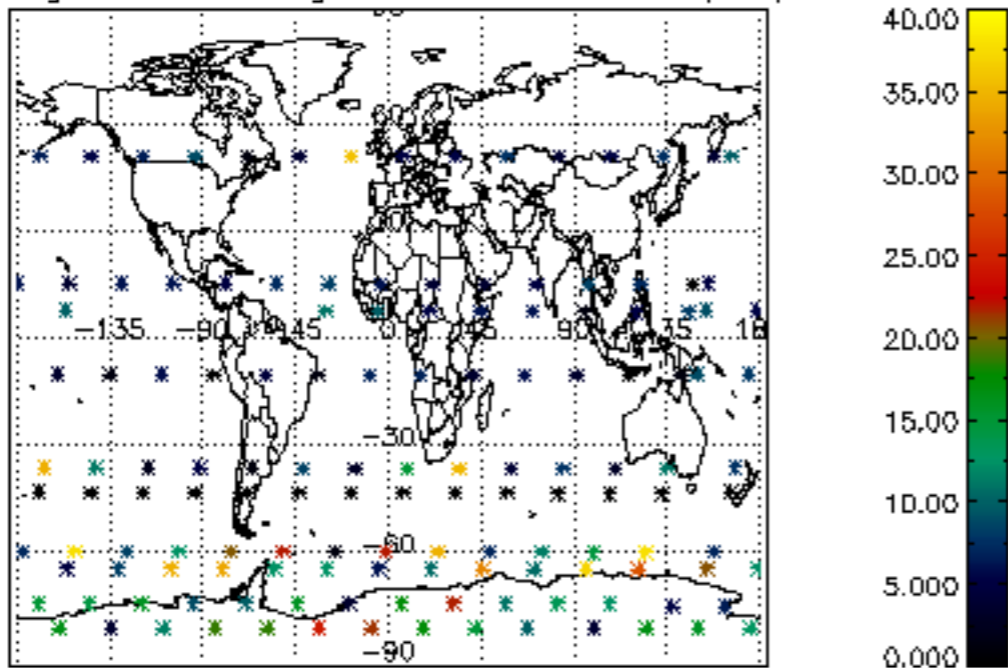
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

