

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	22APR2013 20:57:06
Data source version	GOMOS/6.01
Start time of products	20-06-2007 (20JUN2007 00:00:00)
Stop time of products	21-06-2007 (21JUN2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	266
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__2PRFIN20070620_001029_000000412059_00116_27725_1316.N1	20-JUN-2007 00:10:29	Dark	41.000	94	92Alp Cet	2.5260	3100.0	82	27725	No
2	GOM_NL__2PRFIN20070620_002828_000000402059_00116_27725_1317.N1	20-JUN-2007 00:28:28	Dark	40.000	9	Alp Eri	0.45300	24000.	80	27725	No
3	GOM_NL__2PRFIN20070620_003345_000000362059_00117_27726_1331.N1	20-JUN-2007 00:33:45	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	27726	No
4	GOM_NL__2PRFIN20070620_004446_000000402059_00117_27726_1332.N1	20-JUN-2007 00:44:46	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	27726	No
5	GOM_NL__2PRFIN20070620_004609_000000392059_00117_27726_1333.N1	20-JUN-2007 00:46:09	Straylight	39.000	147	Alp Ara	2.8770	26000.	78	27726	No
6	GOM_NL__2PRFIN20070620_004755_000000412059_00117_27726_1334.N1	20-JUN-2007 00:47:55	Twilight	41.000	40	The Sco	1.8590	7100.0	82	27726	No
7	GOM_NL__2PRFIN20070620_004937_000000402059_00117_27726_1335.N1	20-JUN-2007 00:49:37	Twilight	39.500	25	35Lam Sco	1.6200	28000.	79	27726	No
8	GOM_NL__2PRFIN20070620_005101_000000522059_00117_27726_1336.N1	20-JUN-2007 00:51:01	Bright	51.500	75	26Eps Sco	2.2910	4250.0	103	27726	No
9	GOM_NL__2PRFIN20070620_005345_000000362059_00117_27726_1337.N1	20-JUN-2007 00:53:45	Bright	35.500	156	20Sig Sco	2.9030	28000.	71	27726	No
10	GOM_NL__2PRFIN20070620_005604_000000382059_00117_27726_1338.N1	20-JUN-2007 00:56:04	Bright	37.500	86	35Eta Oph	2.4300	10200.	75	27726	No
11	GOM_NL__2PRFIN20070620_005748_000000372059_00117_27726_1339.N1	20-JUN-2007 00:57:48	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	27726	No
12	GOM_NL__2PRFIN20070620_005954_000000362059_00117_27726_1340.N1	20-JUN-2007 00:59:54	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	27726	No
13	GOM_NL__2PRFIN20070620_010259_000000352059_00117_27726_1341.N1	20-JUN-2007 01:02:59	Bright	34.500	102	24Alp Ser	2.6000	4250.0	69	27726	No
14	GOM_NL__2PRFIN20070620_010658_000000372059_00117_27726_1342.N1	20-JUN-2007 01:06:58	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	27726	No
15	GOM_NL__2PRFIN20070620_010840_000000362059_00117_27726_1343.N1	20-JUN-2007 01:08:40	Bright	35.500	67	5Alp CrB	2.2210	11000.	71	27726	No
16	GOM_NL__2PRFIN20070620_011820_000000372059_00117_27726_1344.N1	20-JUN-2007 01:18:20	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	27726	No
17	GOM_NL__2PRFIN20070620_012157_000000332059_00117_27726_1345.N1	20-JUN-2007 01:21:57	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	27726	No
18	GOM_NL__2PRFIN20070620_012630_000000362059_00117_27726_1346.N1	20-JUN-2007 01:26:30	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	27726	No
19	GOM_NL__2PRFIN20070620_013649_000000532059_00117_27726_1347.N1	20-JUN-2007 01:36:49	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	27726	No
20	GOM_NL__2PRFIN20070620_015105_000000432059_00117_27726_1348.N1	20-JUN-2007 01:51:05	Dark	42.500	94	92Alp Cet	2.5260	3100.0	85	27726	No
21	GOM_NL__2PRFIN20070620_021421_000000362059_00118_27727_1348.N1	20-JUN-2007 02:14:21	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	27727	No
22	GOM_NL__2PRFIN20070620_022522_000000392059_00118_27727_1349.N1	20-JUN-2007 02:25:22	Straylight	38.500	141	Bet Ara	2.8400	4600.0	77	27727	No
23	GOM_NL__2PRFIN20070620_022646_000000382059_00118_27727_1350.N1	20-JUN-2007 02:26:46	Straylight	38.000	147	Alp Ara	2.8770	26000.	76	27727	No
24	GOM_NL__2PRFIN20070620_022831_000000422059_00118_27727_1351.N1	20-JUN-2007 02:28:31	Twilight	41.500	40	The Sco	1.8590	7100.0	83	27727	No
25	GOM_NL__2PRFIN20070620_023013_000000412059_00118_27727_1352.N1	20-JUN-2007 02:30:13	Twilight	40.500	25	35Lam Sco	1.6200	28000.	81	27727	No
26	GOM_NL__2PRFIN20070620_023137_000000402059_00118_27727_1353.N1	20-JUN-2007 02:31:37	Bright	40.000	75	26Eps Sco	2.2910	4250.0	80	27727	No
27	GOM_NL__2PRFIN20070620_023421_000000372059_00118_27727_1354.N1	20-JUN-2007 02:34:21	Bright	37.000	156	20Sig Sco	2.9030	28000.	74	27727	No
28	GOM_NL__2PRFIN20070620_023641_000000382059_00118_27727_1355.N1	20-JUN-2007 02:36:41	Bright	37.500	86	35Eta Oph	2.4300	10200.	75	27727	No
29	GOM_NL__2PRFIN20070620_023824_000000362059_00118_27727_1356.N1	20-JUN-2007 02:38:24	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	27727	No
30	GOM_NL__2PRFIN20070620_024030_000000372059_00118_27727_1357.N1	20-JUN-2007 02:40:30	Bright	36.500	120	1Del Oph	2.7340	3200.0	73	27727	No
31	GOM_NL__2PRFIN20070620_024335_000000362059_00118_27727_1358.N1	20-JUN-2007 02:43:35	Bright	36.000	102	24Alp Ser	2.6000	4250.0	72	27727	No
32	GOM_NL__2PRFIN20070620_024734_000000352059_00118_27727_1359.N1	20-JUN-2007 02:47:34	Bright	35.000	127	27Bet Her	2.7810	4700.0	70	27727	No
33	GOM_NL__2PRFIN20070620_024916_000000382059_00118_27727_1360.N1	20-JUN-2007 02:49:16	Bright	37.500	67	5Alp CrB	2.2210	11000.	75	27727	No
34	GOM_NL__2PRFIN20070620_025856_000000352059_00118_27727_1361.N1	20-JUN-2007 02:58:56	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	27727	No
35	GOM_NL__2PRFIN20070620_030233_000000332059_00118_27727_1362.N1	20-JUN-2007 03:02:33	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	27727	No
36	GOM_NL__2PRFIN20070620_030706_000000332059_00118_27727_1363.N1	20-JUN-2007 03:07:06	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	27727	No
37	GOM_NL__2PRFIN20070620_031725_000000532059_00118_27727_1364.N1	20-JUN-2007 03:17:25	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	27727	No
38	GOM_NL__2PRFIN20070620_033141_000000442059_00118_27727_1365.N1	20-JUN-2007 03:31:41	Dark	43.500	94	92Alp Cet	2.5260	3100.0	87	27727	No
39	GOM_NL__2PRFIN20070620_035457_000000372059_00119_27728_1358.N1	20-JUN-2007 03:54:57	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	27728	No
40	GOM_NL__2PRFIN20070620_040559_000000402059_00119_27728_1359.N1	20-JUN-2007 04:05:59	Straylight	39.500	141	Bet Ara	2.8400	4600.0	79	27728	No
41	GOM_NL__2PRFIN20070620_040722_000000382059_00119_27728_1360.N1	20-JUN-2007 04:07:22	Straylight	37.500	147	Alp Ara	2.8770	26000.	75	27728	No
42	GOM_NL__2PRFIN20070620_040908_000000452059_00119_27728_1361.N1	20-JUN-2007 04:09:08	Twilight	45.000	40	The Sco	1.8590	7100.0	90	27728	No

43	GOM_NL__2PRFIN20070620_041050_000000422059_00119_27728_1362.N1	20-JUN-2007 04:10:50	Tw_i_and_stray	41.500	25	35Lam Sco	1.6200	28000.	83	27728	No
44	GOM_NL__2PRFIN20070620_041213_000000392059_00119_27728_1363.N1	20-JUN-2007 04:12:13	Bright	39.000	75	26Eps Sco	2.2910	4250.0	78	27728	No
45	GOM_NL__2PRFIN20070620_041457_000000362059_00119_27728_1364.N1	20-JUN-2007 04:14:57	Bright	36.000	156	20Sig Sco	2.9030	28000.	72	27728	No
46	GOM_NL__2PRFIN20070620_041717_000000372059_00119_27728_1365.N1	20-JUN-2007 04:17:17	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	27728	No
47	GOM_NL__2PRFIN20070620_041901_000000362059_00119_27728_1366.N1	20-JUN-2007 04:19:01	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	27728	No
48	GOM_NL__2PRFIN20070620_042107_000000352059_00119_27728_1367.N1	20-JUN-2007 04:21:07	Bright	35.000	120	1Del Oph	2.7340	3200.0	70	27728	No
49	GOM_NL__2PRFIN20070620_042412_000000362059_00119_27728_1368.N1	20-JUN-2007 04:24:12	Bright	36.000	102	24Alp Ser	2.6000	4250.0	72	27728	No
50	GOM_NL__2PRFIN20070620_042810_000000362059_00119_27728_1369.N1	20-JUN-2007 04:28:10	Bright	35.500	127	27Bet Her	2.7810	4700.0	71	27728	No
51	GOM_NL__2PRFIN20070620_042952_000000352059_00119_27728_1370.N1	20-JUN-2007 04:29:52	Bright	34.500	67	5Alp CrB	2.2210	11000.	69	27728	No
52	GOM_NL__2PRFIN20070620_043932_000000362059_00119_27728_1371.N1	20-JUN-2007 04:39:32	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	27728	No
53	GOM_NL__2PRFIN20070620_044310_000000322059_00119_27728_1372.N1	20-JUN-2007 04:43:10	Bright	32.000	60	7Bet UMi	2.0810	3950.0	64	27728	No
54	GOM_NL__2PRFIN20070620_044743_000000332059_00119_27728_1373.N1	20-JUN-2007 04:47:43	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	27728	No
55	GOM_NL__2PRFIN20070620_045801_000000532059_00119_27728_1374.N1	20-JUN-2007 04:58:01	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	27728	No
56	GOM_NL__2PRFIN20070620_051217_000000442059_00119_27728_1375.N1	20-JUN-2007 05:12:17	Dark	44.000	94	92Alp Cet	2.5260	3100.0	88	27728	No
57	GOM_NL__2PRFIN20070620_053017_000000432059_00119_27728_1376.N1	20-JUN-2007 05:30:17	Dark	42.500	9	Alp Eri	0.45300	24000.	85	27728	No
58	GOM_NL__2PRFIN20070620_053534_000000382059_00120_27729_1368.N1	20-JUN-2007 05:35:34	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	27729	No
59	GOM_NL__2PRFIN20070620_054635_000000402059_00120_27729_1369.N1	20-JUN-2007 05:46:35	Straylight	39.500	141	Bet Ara	2.8400	4600.0	79	27729	No
60	GOM_NL__2PRFIN20070620_054758_000000372059_00120_27729_1370.N1	20-JUN-2007 05:47:58	Straylight	37.000	147	Alp Ara	2.8770	26000.	74	27729	No
61	GOM_NL__2PRFIN20070620_054944_000000462059_00120_27729_1371.N1	20-JUN-2007 05:49:44	Tw_i_and_stray	45.500	40	The Sco	1.8590	7100.0	91	27729	No
62	GOM_NL__2PRFIN20070620_055126_000000432059_00120_27729_1372.N1	20-JUN-2007 05:51:26	Tw_i_and_stray	42.500	25	35Lam Sco	1.6200	28000.	85	27729	No
63	GOM_NL__2PRFIN20070620_055249_000000522059_00120_27729_1373.N1	20-JUN-2007 05:52:49	Bright	52.000	75	26Eps Sco	2.2910	4250.0	104	27729	No
64	GOM_NL__2PRFIN20070620_055533_000000372059_00120_27729_1374.N1	20-JUN-2007 05:55:33	Bright	36.500	156	20Sig Sco	2.9030	28000.	73	27729	No
65	GOM_NL__2PRFIN20070620_055753_000000372059_00120_27729_1375.N1	20-JUN-2007 05:57:53	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	27729	No
66	GOM_NL__2PRFIN20070620_055937_000000362059_00120_27729_1376.N1	20-JUN-2007 05:59:37	Bright	35.500	98	13Zet Oph	2.5710	30000.	71	27729	No
67	GOM_NL__2PRFIN20070620_060143_000000362059_00120_27729_1377.N1	20-JUN-2007 06:01:43	Bright	35.500	120	1Del Oph	2.7340	3200.0	71	27729	No
68	GOM_NL__2PRFIN20070620_060448_000000352059_00120_27729_1378.N1	20-JUN-2007 06:04:48	Bright	34.500	102	24Alp Ser	2.6000	4250.0	69	27729	No
69	GOM_NL__2PRFIN20070620_060846_000000372059_00120_27729_1379.N1	20-JUN-2007 06:08:46	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	27729	No
70	GOM_NL__2PRFIN20070620_061029_000000352059_00120_27729_1380.N1	20-JUN-2007 06:10:29	Bright	35.000	67	5Alp CrB	2.2210	11000.	70	27729	No
71	GOM_NL__2PRFIN20070620_062008_000000372059_00120_27729_1381.N1	20-JUN-2007 06:20:08	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	27729	No
72	GOM_NL__2PRFIN20070620_062346_000000362059_00120_27729_1382.N1	20-JUN-2007 06:23:46	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	27729	No
73	GOM_NL__2PRFIN20070620_062818_000000342059_00120_27729_1383.N1	20-JUN-2007 06:28:18	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	27729	No
74	GOM_NL__2PRFIN20070620_063837_000000332059_00120_27729_1384.N1	20-JUN-2007 06:38:37	Bright	33.000	160	23Gam Per	2.9300	4700.0	66	27729	No
75	GOM_NL__2PRFIN20070620_065254_000000442059_00120_27729_1385.N1	20-JUN-2007 06:52:54	Dark	43.500	94	92Alp Cet	2.5260	3100.0	87	27729	No
76	GOM_NL__2PRFIN20070620_071054_000000482059_00120_27729_1386.N1	20-JUN-2007 07:10:54	Dark	48.000	9	Alp Eri	0.45300	24000.	96	27729	No
77	GOM_NL__2PRFIN20070620_071610_000000372059_00121_27730_1405.N1	20-JUN-2007 07:16:10	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	27730	No
78	GOM_NL__2PRFIN20070620_072711_000000462059_00121_27730_1406.N1	20-JUN-2007 07:27:11	Straylight	45.500	141	Bet Ara	2.8400	4600.0	91	27730	No
79	GOM_NL__2PRFIN20070620_072835_000000392059_00121_27730_1407.N1	20-JUN-2007 07:28:35	Straylight	39.000	147	Alp Ara	2.8770	26000.	78	27730	No
80	GOM_NL__2PRFIN20070620_073020_000000442059_00121_27730_1408.N1	20-JUN-2007 07:30:20	Tw_i_and_stray	44.000	40	The Sco	1.8590	7100.0	88	27730	No
81	GOM_NL__2PRFIN20070620_073202_000000462059_00121_27730_1409.N1	20-JUN-2007 07:32:02	Tw_i_and_stray	45.500	25	35Lam Sco	1.6200	28000.	91	27730	No
82	GOM_NL__2PRFIN20070620_073325_000000522059_00121_27730_1410.N1	20-JUN-2007 07:33:25	Bright	52.000	75	26Eps Sco	2.2910	4250.0	104	27730	No
83	GOM_NL__2PRFIN20070620_073610_000000362059_00121_27730_1411.N1	20-JUN-2007 07:36:10	Bright	36.000	156	20Sig Sco	2.9030	28000.	72	27730	No
84	GOM_NL__2PRFIN20070620_073829_000000372059_00121_27730_1412.N1	20-JUN-2007 07:38:29	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	27730	No
85	GOM_NL__2PRFIN20070620_074013_000000362059_00121_27730_1413.N1	20-JUN-2007 07:40:13	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	27730	No
86	GOM_NL__2PRFIN20070620_074219_000000362059_00121_27730_1414.N1	20-JUN-2007 07:42:19	Bright	35.500	120	1Del Oph	2.7340	3200.0	71	27730	No
87	GOM_NL__2PRFIN20070620_074524_000000352059_00121_27730_1415.N1	20-JUN-2007 07:45:24	Bright	34.500	102	24Alp Ser	2.6000	4250.0	69	27730	No
88	GOM_NL__2PRFIN20070620_074922_000000352059_00121_27730_1416.N1	20-JUN-2007 07:49:22	Bright	35.000	127	27Bet Her	2.7810	4700.0	70	27730	No
89	GOM_NL__2PRFIN20070620_075105_000000352059_00121_27730_1417.N1	20-JUN-2007 07:51:05	Bright	34.500	67	5Alp CrB	2.2210	11000.	69	27730	No
90	GOM_NL__2PRFIN20070620_080044_000000362059_00121_27730_1418.N1	20-JUN-2007 08:00:44	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	27730	No
91	GOM_NL__2PRFIN20070620_080422_000000342059_00121_27730_1419.N1	20-JUN-2007 08:04:22	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	27730	No
92	GOM_NL__2PRFIN20070620_080854_000000362059_00121_27730_1420.N1	20-JUN-2007 08:08:54	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	27730	No
93	GOM_NL__2PRFIN20070620_081912_000000532059_00121_27730_1421.N1	20-JUN-2007 08:19:12	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	27730	No
94	GOM_NL__2PRFIN20070620_083330_000000422059_00121_27730_1422.N1	20-JUN-2007 08:33:30	Dark	42.000	94	92Alp Cet	2.5260	3100.0	84	27730	No
95	GOM_NL__2PRFIN20070620_085130_000000392059_00121_27730_1423.N1	20-JUN-2007 08:51:30	Dark	38.500	9	Alp Eri	0.45300	24000.	77	27730	No
96	GOM_NL__2PRFIN20070620_085646_000000362059_00122_27731_1417.N1	20-JUN-2007 08:56:46	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	27731	No
97	GOM_NL__2PRFIN20070620_090747_000000402059_00122_27731_1418.N1	20-JUN-2007 09:07:47	Straylight	39.500	141	Bet Ara	2.8400	4600.0	79	27731	No
98	GOM_NL__2PRFIN20070620_090911_000000392059_00122_27731_1419.N1	20-JUN-2007 09:09:11	Straylight	38.500	147	Alp Ara	2.8770	26000.	77	27731	No
99	GOM_NL__2PRFIN20070620_091057_000000422059_00122_27731_1420.N1	20-JUN-2007 09:10:57	Tw_i_and_stray	41.500	40	The Sco	1.8590	7100.0	83	27731	No
100	GOM_NL__2PRFIN20070620_091238_000000412059_00122_27731_1421.N1	20-JUN-2007 09:12:38	Tw_i_and_stray	41.000	25	35Lam Sco	1.6200	28000.	82	27731	No
101	GOM_NL__2PRFIN20070620_091402_000000402059_00122_27731_1422.N1	20-JUN-2007 09:14:02	Bright	39.500	75	26Eps Sco	2.2910	4250.0	79	27731	No

102	GOM_NL__2PRFIN20070620_091646_000000362059_00122_27731_1423.N1	20-JUN-2007 09:16:46	Bright	35.500	156	20Sig Sco	2.9030	28000.	71	27731	No
103	GOM_NL__2PRFIN20070620_091905_000000382059_00122_27731_1424.N1	20-JUN-2007 09:19:05	Bright	38.000	86	35Eta Oph	2.4300	10200.	76	27731	No
104	GOM_NL__2PRFIN20070620_092049_000000372059_00122_27731_1425.N1	20-JUN-2007 09:20:49	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	27731	No
105	GOM_NL__2PRFIN20070620_092255_000000362059_00122_27731_1426.N1	20-JUN-2007 09:22:55	Bright	35.500	120	1Del Oph	2.7340	3200.0	71	27731	No
106	GOM_NL__2PRFIN20070620_092600_000000362059_00122_27731_1427.N1	20-JUN-2007 09:26:00	Bright	35.500	102	24Alp Ser	2.6000	4250.0	71	27731	No
107	GOM_NL__2PRFIN20070620_092958_000000382059_00122_27731_1428.N1	20-JUN-2007 09:29:58	Bright	37.500	127	27Bet Her	2.7810	4700.0	75	27731	No
108	GOM_NL__2PRFIN20070620_093141_000000522059_00122_27731_1429.N1	20-JUN-2007 09:31:41	Bright	52.000	67	5Alp CrB	2.2210	11000.	104	27731	No
109	GOM_NL__2PRFIN20070620_094120_000000362059_00122_27731_1430.N1	20-JUN-2007 09:41:20	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	27731	No
110	GOM_NL__2PRFIN20070620_094458_000000332059_00122_27731_1431.N1	20-JUN-2007 09:44:58	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	27731	No
111	GOM_NL__2PRFIN20070620_094930_000000362059_00122_27731_1432.N1	20-JUN-2007 09:49:30	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	27731	No
112	GOM_NL__2PRFIN20070620_095949_000000452059_00122_27731_1433.N1	20-JUN-2007 09:59:49	Bright	45.000	160	23Gam Per	2.9300	4700.0	90	27731	No
113	GOM_NL__2PRFIN20070620_101406_000000412059_00122_27731_1434.N1	20-JUN-2007 10:14:06	Dark	40.500	94	92Alp Cet	2.5260	3100.0	81	27731	No
114	GOM_NL__2PRFIN20070620_103207_000000472059_00122_27731_1435.N1	20-JUN-2007 10:32:07	Dark	46.500	9	Alp Eri	0.45300	24000.	93	27731	No
115	GOM_NL__2PRFIN20070620_103722_000000362059_00123_27732_1431.N1	20-JUN-2007 10:37:22	Dark	35.500	135	Bet Hyi	2.8200	5800.0	71	27732	No
116	GOM_NL__2PRFIN20070620_104823_000000402059_00123_27732_1432.N1	20-JUN-2007 10:48:23	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	27732	No
117	GOM_NL__2PRFIN20070620_104947_000000382059_00123_27732_1433.N1	20-JUN-2007 10:49:47	Straylight	37.500	147	Alp Ara	2.8770	26000.	75	27732	No
118	GOM_NL__2PRFIN20070620_105133_000000442059_00123_27732_1434.N1	20-JUN-2007 10:51:33	Twi_and_stray	43.500	40	The Sco	1.8590	7100.0	87	27732	No
119	GOM_NL__2PRFIN20070620_105314_000000422059_00123_27732_1435.N1	20-JUN-2007 10:53:14	Twi_and_stray	42.000	25	35Lam Sco	1.6200	28000.	84	27732	No
120	GOM_NL__2PRFIN20070620_105438_000000412059_00123_27732_1436.N1	20-JUN-2007 10:54:38	Bright	41.000	75	26Eps Sco	2.2910	4250.0	82	27732	No
121	GOM_NL__2PRFIN20070620_105722_000000372059_00123_27732_1437.N1	20-JUN-2007 10:57:22	Bright	36.500	156	20Sig Sco	2.9030	28000.	73	27732	No
122	GOM_NL__2PRFIN20070620_105941_000000382059_00123_27732_1438.N1	20-JUN-2007 10:59:41	Bright	37.500	86	35Eta Oph	2.4300	10200.	75	27732	No
123	GOM_NL__2PRFIN20070620_110125_000000372059_00123_27732_1439.N1	20-JUN-2007 11:01:25	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	27732	No
124	GOM_NL__2PRFIN20070620_110331_000000362059_00123_27732_1440.N1	20-JUN-2007 11:03:31	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	27732	No
125	GOM_NL__2PRFIN20070620_110636_000000362059_00123_27732_1441.N1	20-JUN-2007 11:06:36	Bright	36.000	102	24Alp Ser	2.6000	4250.0	72	27732	No
126	GOM_NL__2PRFIN20070620_111034_000000372059_00123_27732_1442.N1	20-JUN-2007 11:10:34	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	27732	No
127	GOM_NL__2PRFIN20070620_111217_000000352059_00123_27732_1443.N1	20-JUN-2007 11:12:17	Bright	34.500	67	5Alp CrB	2.2210	11000.	69	27732	No
128	GOM_NL__2PRFIN20070620_112155_000000372059_00123_27732_1444.N1	20-JUN-2007 11:21:55	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	27732	No
129	GOM_NL__2PRFIN20070620_112534_000000372059_00123_27732_1445.N1	20-JUN-2007 11:25:34	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	27732	No
130	GOM_NL__2PRFIN20070620_113006_000000362059_00123_27732_1446.N1	20-JUN-2007 11:30:06	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	27732	No
131	GOM_NL__2PRFIN20070620_114024_000000502059_00123_27732_1447.N1	20-JUN-2007 11:40:24	Bright	49.500	160	23Gam Per	2.9300	4700.0	99	27732	No
132	GOM_NL__2PRFIN20070620_115442_000000372059_00123_27732_1448.N1	20-JUN-2007 11:54:42	Dark	36.500	94	92Alp Cet	2.5260	3100.0	73	27732	No
133	GOM_NL__2PRFIN20070620_121243_000000432059_00123_27732_1449.N1	20-JUN-2007 12:12:43	Dark	42.500	9	Alp Eri	0.45300	24000.	85	27732	No
134	GOM_NL__2PRFIN20070620_121758_000000362059_00124_27733_1445.N1	20-JUN-2007 12:17:58	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	27733	No
135	GOM_NL__2PRFIN20070620_122859_000000402059_00124_27733_1446.N1	20-JUN-2007 12:28:59	Straylight	39.500	141	Bet Ara	2.8400	4600.0	79	27733	No
136	GOM_NL__2PRFIN20070620_123023_000000392059_00124_27733_1447.N1	20-JUN-2007 12:30:23	Straylight	39.000	147	Alp Ara	2.8770	26000.	78	27733	No
137	GOM_NL__2PRFIN20070620_123209_000000402059_00124_27733_1448.N1	20-JUN-2007 12:32:09	Twi_and_stray	40.000	40	The Sco	1.8590	7100.0	80	27733	No
138	GOM_NL__2PRFIN20070620_123351_000000422059_00124_27733_1449.N1	20-JUN-2007 12:33:51	Twi_and_stray	41.500	25	35Lam Sco	1.6200	28000.	83	27733	No
139	GOM_NL__2PRFIN20070620_123514_000000422059_00124_27733_1450.N1	20-JUN-2007 12:35:14	Bright	41.500	75	26Eps Sco	2.2910	4250.0	83	27733	No
140	GOM_NL__2PRFIN20070620_123758_000000372059_00124_27733_1451.N1	20-JUN-2007 12:37:58	Bright	37.000	156	20Sig Sco	2.9030	28000.	74	27733	No
141	GOM_NL__2PRFIN20070620_124017_000000382059_00124_27733_1452.N1	20-JUN-2007 12:40:17	Bright	38.000	86	35Eta Oph	2.4300	10200.	76	27733	No
142	GOM_NL__2PRFIN20070620_124201_000000372059_00124_27733_1453.N1	20-JUN-2007 12:42:01	Bright	37.000	98	13Zet Oph	2.5710	30000.	74	27733	No
143	GOM_NL__2PRFIN20070620_124407_000000362059_00124_27733_1454.N1	20-JUN-2007 12:44:07	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	27733	No
144	GOM_NL__2PRFIN20070620_124712_000000362059_00124_27733_1455.N1	20-JUN-2007 12:47:12	Bright	35.500	102	24Alp Ser	2.6000	4250.0	71	27733	No
145	GOM_NL__2PRFIN20070620_125110_000000532059_00124_27733_1456.N1	20-JUN-2007 12:51:10	Bright	53.000	127	27Bet Her	2.7810	4700.0	106	27733	No
146	GOM_NL__2PRFIN20070620_125253_000000362059_00124_27733_1457.N1	20-JUN-2007 12:52:53	Bright	36.000	67	5Alp CrB	2.2210	11000.	72	27733	No
147	GOM_NL__2PRFIN20070620_130231_000000372059_00124_27733_1458.N1	20-JUN-2007 13:02:31	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	27733	No
148	GOM_NL__2PRFIN20070620_130610_000000362059_00124_27733_1459.N1	20-JUN-2007 13:06:10	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	27733	No
149	GOM_NL__2PRFIN20070620_131042_000000362059_00124_27733_1460.N1	20-JUN-2007 13:10:42	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	27733	No
150	GOM_NL__2PRFIN20070620_132100_000000342059_00124_27733_1461.N1	20-JUN-2007 13:21:00	Bright	34.000	160	23Gam Per	2.9300	4700.0	68	27733	No
151	GOM_NL__2PRFIN20070620_133518_000000442059_00124_27733_1462.N1	20-JUN-2007 13:35:18	Dark	43.500	94	92Alp Cet	2.5260	3100.0	87	27733	No
152	GOM_NL__2PRFIN20070620_135319_000000422059_00124_27733_1463.N1	20-JUN-2007 13:53:19	Dark	42.000	9	Alp Eri	0.45300	24000.	84	27733	No
153	GOM_NL__2PRFIN20070620_135834_000000362059_00125_27734_1467.N1	20-JUN-2007 13:58:34	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	27734	No
154	GOM_NL__2PRFIN20070620_140935_000000382059_00125_27734_1468.N1	20-JUN-2007 14:09:35	Straylight	37.500	141	Bet Ara	2.8400	4600.0	75	27734	No
155	GOM_NL__2PRFIN20070620_141059_000000382059_00125_27734_1469.N1	20-JUN-2007 14:10:59	Straylight	37.500	147	Alp Ara	2.8770	26000.	75	27734	No
156	GOM_NL__2PRFIN20070620_141245_000000442059_00125_27734_1470.N1	20-JUN-2007 14:12:45	Twi_and_stray	43.500	40	The Sco	1.8590	7100.0	87	27734	No
157	GOM_NL__2PRFIN20070620_141427_000000432059_00125_27734_1471.N1	20-JUN-2007 14:14:27	Twi_and_stray	43.000	25	35Lam Sco	1.6200	28000.	86	27734	No
158	GOM_NL__2PRFIN20070620_141550_000000392059_00125_27734_1472.N1	20-JUN-2007 14:15:50	Bright	39.000	75	26Eps Sco	2.2910	4250.0	78	27734	No
159	GOM_NL__2PRFIN20070620_141834_000000352059_00125_27734_1473.N1	20-JUN-2007 14:18:34	Bright	35.000	156	20Sig Sco	2.9030	28000.	70	27734	No
160	GOM_NL__2PRFIN20070620_142053_000000382059_00125_27734_1474.N1	20-JUN-2007 14:20:53	Bright	38.000	86	35Eta Oph	2.4300	10200.	76	27734	No

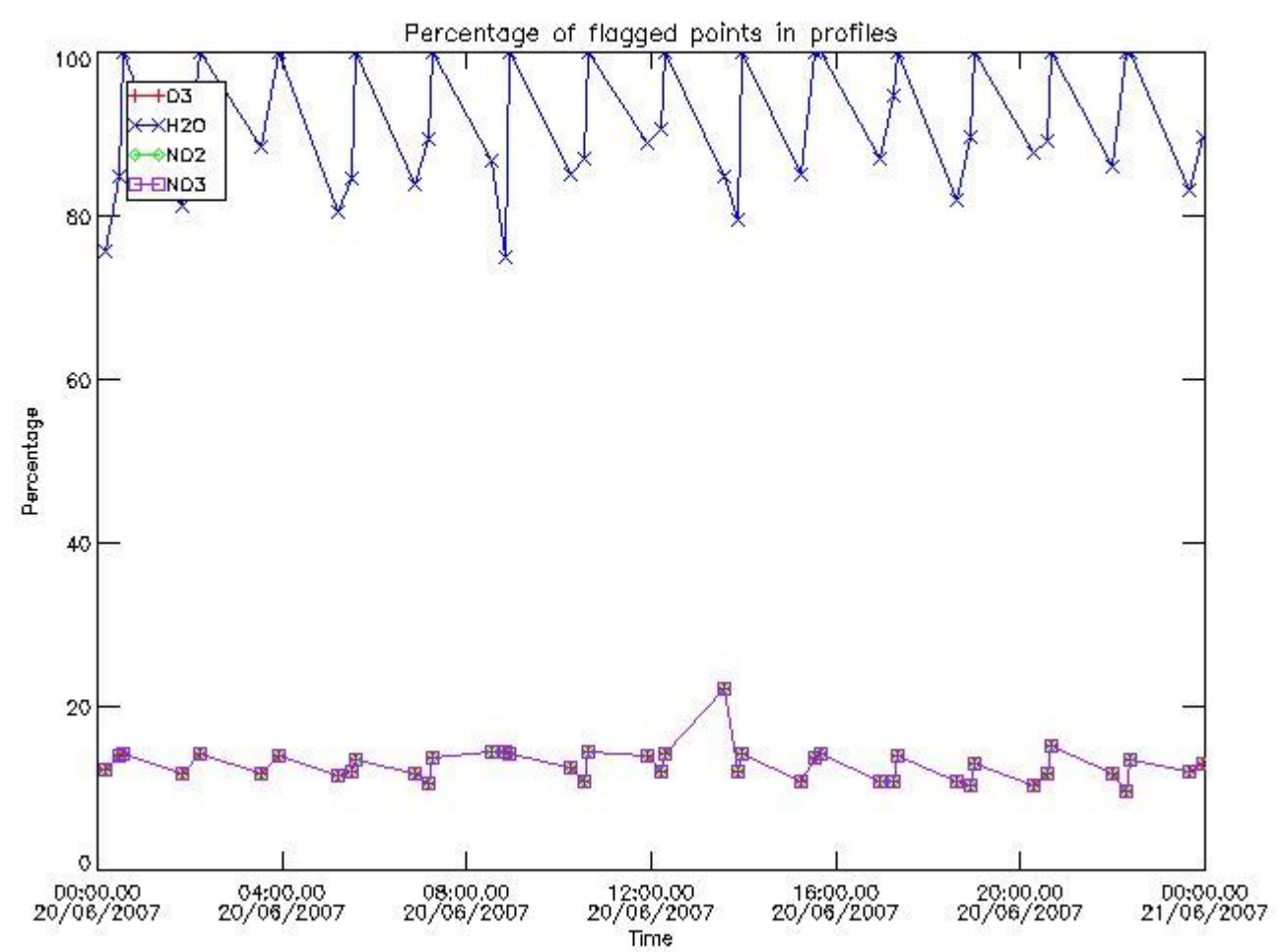
161	GOM_NL__2PRFIN20070620_142237_000000362059_00125_27734_1475.N1	20-JUN-2007 14:22:37	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	27734	No
162	GOM_NL__2PRFIN20070620_142443_000000372059_00125_27734_1476.N1	20-JUN-2007 14:24:43	Bright	36.500	120	1Del Oph	2.7340	3200.0	73	27734	No
163	GOM_NL__2PRFIN20070620_142748_000000362059_00125_27734_1477.N1	20-JUN-2007 14:27:48	Bright	36.000	102	24Alp Ser	2.6000	4250.0	72	27734	No
164	GOM_NL__2PRFIN20070620_143146_000000352059_00125_27734_1478.N1	20-JUN-2007 14:31:46	Bright	34.500	127	27Bet Her	2.7810	4700.0	69	27734	No
165	GOM_NL__2PRFIN20070620_143329_000000352059_00125_27734_1479.N1	20-JUN-2007 14:33:29	Bright	35.000	67	5Alp CrB	2.2210	11000.	70	27734	No
166	GOM_NL__2PRFIN20070620_144307_000000362059_00125_27734_1480.N1	20-JUN-2007 14:43:07	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	27734	No
167	GOM_NL__2PRFIN20070620_144646_000000342059_00125_27734_1481.N1	20-JUN-2007 14:46:46	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	27734	No
168	GOM_NL__2PRFIN20070620_145118_000000352059_00125_27734_1482.N1	20-JUN-2007 14:51:18	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	27734	No
169	GOM_NL__2PRFIN20070620_150137_000000532059_00125_27734_1483.N1	20-JUN-2007 15:01:37	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	27734	No
170	GOM_NL__2PRFIN20070620_151555_000000472059_00125_27734_1484.N1	20-JUN-2007 15:15:55	Dark	47.000	94	92Alp Cet	2.5260	3100.0	94	27734	No
171	GOM_NL__2PRFIN20070620_153355_000000412059_00125_27734_1485.N1	20-JUN-2007 15:33:55	Dark	40.500	9	Alp Eri	0.45300	24000.	81	27734	No
172	GOM_NL__2PRFIN20070620_153910_000000362059_00126_27735_1491.N1	20-JUN-2007 15:39:10	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	27735	No
173	GOM_NL__2PRFIN20070620_155012_000000432059_00126_27735_1492.N1	20-JUN-2007 15:50:12	Straylight	43.000	141	Bet Ara	2.8400	4600.0	86	27735	No
174	GOM_NL__2PRFIN20070620_155135_000000372059_00126_27735_1493.N1	20-JUN-2007 15:51:35	Straylight	37.000	147	Alp Ara	2.8770	26000.	74	27735	No
175	GOM_NL__2PRFIN20070620_155321_000000442059_00126_27735_1494.N1	20-JUN-2007 15:53:21	Twi_and_stray	44.000	40	The Sco	1.8590	7100.0	88	27735	No
176	GOM_NL__2PRFIN20070620_155503_000000422059_00126_27735_1495.N1	20-JUN-2007 15:55:03	Twi_and_stray	42.000	25	35Lam Sco	1.6200	28000.	84	27735	No
177	GOM_NL__2PRFIN20070620_155626_000000412059_00126_27735_1496.N1	20-JUN-2007 15:56:26	Bright	40.500	75	26Eps Sco	2.2910	4250.0	81	27735	No
178	GOM_NL__2PRFIN20070620_155910_000000372059_00126_27735_1497.N1	20-JUN-2007 15:59:10	Bright	37.000	156	20Sig Sco	2.9030	28000.	74	27735	No
179	GOM_NL__2PRFIN20070620_160129_000000382059_00126_27735_1498.N1	20-JUN-2007 16:01:29	Bright	38.000	86	35Eta Oph	2.4300	10200.	76	27735	No
180	GOM_NL__2PRFIN20070620_160313_000000372059_00126_27735_1499.N1	20-JUN-2007 16:03:13	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	27735	No
181	GOM_NL__2PRFIN20070620_160519_000000362059_00126_27735_1500.N1	20-JUN-2007 16:05:19	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	27735	No
182	GOM_NL__2PRFIN20070620_160824_000000352059_00126_27735_1501.N1	20-JUN-2007 16:08:24	Bright	35.000	102	24Alp Ser	2.6000	4250.0	70	27735	No
183	GOM_NL__2PRFIN20070620_161222_000000352059_00126_27735_1502.N1	20-JUN-2007 16:12:22	Bright	35.000	127	27Bet Her	2.7810	4700.0	70	27735	No
184	GOM_NL__2PRFIN20070620_161405_000000352059_00126_27735_1503.N1	20-JUN-2007 16:14:05	Bright	35.000	67	5Alp CrB	2.2210	11000.	70	27735	No
185	GOM_NL__2PRFIN20070620_162343_000000342059_00126_27735_1504.N1	20-JUN-2007 16:23:43	Bright	33.500	119	14Eta Dra	2.7270	4700.0	67	27735	No
186	GOM_NL__2PRFIN20070620_162722_000000372059_00126_27735_1505.N1	20-JUN-2007 16:27:22	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	27735	No
187	GOM_NL__2PRFIN20070620_163154_000000362059_00126_27735_1506.N1	20-JUN-2007 16:31:54	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	27735	No
188	GOM_NL__2PRFIN20070620_164212_000000532059_00126_27735_1507.N1	20-JUN-2007 16:42:12	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	27735	No
189	GOM_NL__2PRFIN20070620_165631_000000472059_00126_27735_1508.N1	20-JUN-2007 16:56:31	Dark	46.500	94	92Alp Cet	2.5260	3100.0	93	27735	No
190	GOM_NL__2PRFIN20070620_171432_000000472059_00126_27735_1509.N1	20-JUN-2007 17:14:32	Dark	47.000	9	Alp Eri	0.45300	24000.	94	27735	No
191	GOM_NL__2PRFIN20070620_171946_000000372059_00127_27736_1527.N1	20-JUN-2007 17:19:46	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	27736	No
192	GOM_NL__2PRFIN20070620_173048_000000462059_00127_27736_1528.N1	20-JUN-2007 17:30:48	Straylight	46.000	141	Bet Ara	2.8400	4600.0	92	27736	No
193	GOM_NL__2PRFIN20070620_173212_000000382059_00127_27736_1529.N1	20-JUN-2007 17:32:12	Straylight	37.500	147	Alp Ara	2.8770	26000.	75	27736	No
194	GOM_NL__2PRFIN20070620_173358_000000402059_00127_27736_1530.N1	20-JUN-2007 17:33:58	Twi_and_stray	39.500	40	The Sco	1.8590	7100.0	79	27736	No
195	GOM_NL__2PRFIN20070620_173539_000000422059_00127_27736_1531.N1	20-JUN-2007 17:35:39	Twi_and_stray	41.500	25	35Lam Sco	1.6200	28000.	83	27736	No
196	GOM_NL__2PRFIN20070620_173702_000000422059_00127_27736_1532.N1	20-JUN-2007 17:37:02	Bright	42.000	75	26Eps Sco	2.2910	4250.0	84	27736	No
197	GOM_NL__2PRFIN20070620_173946_000000352059_00127_27736_1533.N1	20-JUN-2007 17:39:46	Bright	35.000	156	20Sig Sco	2.9030	28000.	70	27736	No
198	GOM_NL__2PRFIN20070620_174205_000000382059_00127_27736_1534.N1	20-JUN-2007 17:42:05	Bright	37.500	86	35Eta Oph	2.4300	10200.	75	27736	No
199	GOM_NL__2PRFIN20070620_174349_000000372059_00127_27736_1535.N1	20-JUN-2007 17:43:49	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	27736	No
200	GOM_NL__2PRFIN20070620_174555_000000362059_00127_27736_1536.N1	20-JUN-2007 17:45:55	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	27736	No
201	GOM_NL__2PRFIN20070620_174900_000000352059_00127_27736_1537.N1	20-JUN-2007 17:49:00	Bright	35.000	102	24Alp Ser	2.6000	4250.0	70	27736	No
202	GOM_NL__2PRFIN20070620_175258_000000362059_00127_27736_1538.N1	20-JUN-2007 17:52:58	Bright	36.000	127	27Bet Her	2.7810	4700.0	72	27736	No
203	GOM_NL__2PRFIN20070620_175441_000000372059_00127_27736_1539.N1	20-JUN-2007 17:54:41	Bright	37.000	67	5Alp CrB	2.2210	11000.	74	27736	No
204	GOM_NL__2PRFIN20070620_180419_000000362059_00127_27736_1540.N1	20-JUN-2007 18:04:19	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	27736	No
205	GOM_NL__2PRFIN20070620_180758_000000362059_00127_27736_1541.N1	20-JUN-2007 18:07:58	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	27736	No
206	GOM_NL__2PRFIN20070620_181230_000000362059_00127_27736_1542.N1	20-JUN-2007 18:12:30	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	27736	No
207	GOM_NL__2PRFIN20070620_182248_000000412059_00127_27736_1543.N1	20-JUN-2007 18:22:48	Bright	41.000	160	23Gam Per	2.9300	4700.0	82	27736	No
208	GOM_NL__2PRFIN20070620_183707_000000482059_00127_27736_1544.N1	20-JUN-2007 18:37:07	Dark	47.500	94	92Alp Cet	2.5260	3100.0	95	27736	No
209	GOM_NL__2PRFIN20070620_185508_000000492059_00127_27736_1545.N1	20-JUN-2007 18:55:08	Dark	49.000	9	Alp Eri	0.45300	24000.	98	27736	No
210	GOM_NL__2PRFIN20070620_190023_000000392059_00128_27737_1543.N1	20-JUN-2007 19:00:23	Dark	39.000	135	Bet Hyi	2.8200	5800.0	78	27737	No
211	GOM_NL__2PRFIN20070620_191124_000000372059_00128_27737_1544.N1	20-JUN-2007 19:11:24	Straylight	37.000	141	Bet Ara	2.8400	4600.0	74	27737	No
212	GOM_NL__2PRFIN20070620_191248_000000372059_00128_27737_1545.N1	20-JUN-2007 19:12:48	Straylight	37.000	147	Alp Ara	2.8770	26000.	74	27737	No
213	GOM_NL__2PRFIN20070620_191434_000000442059_00128_27737_1546.N1	20-JUN-2007 19:14:34	Twi_and_stray	43.500	40	The Sco	1.8590	7100.0	87	27737	No
214	GOM_NL__2PRFIN20070620_191616_000000422059_00128_27737_1547.N1	20-JUN-2007 19:16:16	Twi_and_stray	42.000	25	35Lam Sco	1.6200	28000.	84	27737	No
215	GOM_NL__2PRFIN20070620_191738_000000422059_00128_27737_1548.N1	20-JUN-2007 19:17:38	Bright	41.500	75	26Eps Sco	2.2910	4250.0	83	27737	No
216	GOM_NL__2PRFIN20070620_192022_000000362059_00128_27737_1549.N1	20-JUN-2007 19:20:22	Bright	35.500	156	20Sig Sco	2.9030	28000.	71	27737	No
217	GOM_NL__2PRFIN20070620_192241_000000382059_00128_27737_1550.N1	20-JUN-2007 19:22:41	Bright	38.000	86	35Eta Oph	2.4300	10200.	76	27737	No
218	GOM_NL__2PRFIN20070620_192425_000000372059_00128_27737_1551.N1	20-JUN-2007 19:24:25	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	27737	No
219	GOM_NL__2PRFIN20070620_192631_000000372059_00128_27737_1552.N1	20-JUN-2007 19:26:31	Bright	37.000	120	1Del Oph	2.7340	3200.0	74	27737	No

220	GOM_NL__2PRFIN20070620_192937_000000362059_00128_27737_1553.N1	20-JUN-2007 19:29:37	Bright	35.500	102	24Alp Ser	2.6000	4250.0	71	27737	No
221	GOM_NL__2PRFIN20070620_193334_000000362059_00128_27737_1554.N1	20-JUN-2007 19:33:34	Bright	35.500	127	27Bet Her	2.7810	4700.0	71	27737	No
222	GOM_NL__2PRFIN20070620_193517_000000372059_00128_27737_1555.N1	20-JUN-2007 19:35:17	Bright	36.500	67	5Alp CrB	2.2210	11000.	73	27737	No
223	GOM_NL__2PRFIN20070620_194455_000000362059_00128_27737_1556.N1	20-JUN-2007 19:44:55	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	27737	No
224	GOM_NL__2PRFIN20070620_194834_000000372059_00128_27737_1557.N1	20-JUN-2007 19:48:34	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	27737	No
225	GOM_NL__2PRFIN20070620_195306_000000362059_00128_27737_1558.N1	20-JUN-2007 19:53:06	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	27737	No
226	GOM_NL__2PRFIN20070620_200324_000000342059_00128_27737_1559.N1	20-JUN-2007 20:03:24	Bright	33.500	160	23Gam Per	2.9300	4700.0	67	27737	No
227	GOM_NL__2PRFIN20070620_201743_000000492059_00128_27737_1560.N1	20-JUN-2007 20:17:43	Dark	49.000	94	92Alp Cet	2.5260	3100.0	98	27737	No
228	GOM_NL__2PRFIN20070620_203545_000000472059_00128_27737_1561.N1	20-JUN-2007 20:35:45	Dark	47.000	9	Alp Eri	0.45300	24000.	94	27737	No
229	GOM_NL__2PRFIN20070620_204059_000000372059_00129_27738_1559.N1	20-JUN-2007 20:40:59	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	27738	No
230	GOM_NL__2PRFIN20070620_205200_000000382059_00129_27738_1560.N1	20-JUN-2007 20:52:00	Straylight	38.000	141	Bet Ara	2.8400	4600.0	76	27738	No
231	GOM_NL__2PRFIN20070620_205324_000000392059_00129_27738_1561.N1	20-JUN-2007 20:53:24	Straylight	38.500	147	Alp Ara	2.8770	26000.	77	27738	No
232	GOM_NL__2PRFIN20070620_205510_000000412059_00129_27738_1562.N1	20-JUN-2007 20:55:10	Tw_i_and_stray	41.000	40	The Sco	1.8590	7100.0	82	27738	No
233	GOM_NL__2PRFIN20070620_205652_000000412059_00129_27738_1563.N1	20-JUN-2007 20:56:52	Tw_i_and_stray	41.000	25	35Lam Sco	1.6200	28000.	82	27738	No
234	GOM_NL__2PRFIN20070620_205815_000000512059_00129_27738_1564.N1	20-JUN-2007 20:58:15	Bright	50.500	75	26Eps Sco	2.2910	4250.0	101	27738	No
235	GOM_NL__2PRFIN20070620_210058_000000362059_00129_27738_1565.N1	20-JUN-2007 21:00:58	Bright	35.500	156	20Sig Sco	2.9030	28000.	71	27738	No
236	GOM_NL__2PRFIN20070620_210317_000000382059_00129_27738_1566.N1	20-JUN-2007 21:03:17	Bright	38.000	86	35Eta Oph	2.4300	10200.	76	27738	No
237	GOM_NL__2PRFIN20070620_210501_000000362059_00129_27738_1567.N1	20-JUN-2007 21:05:01	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	27738	No
238	GOM_NL__2PRFIN20070620_210707_000000372059_00129_27738_1568.N1	20-JUN-2007 21:07:07	Bright	36.500	120	1Del Oph	2.7340	3200.0	73	27738	No
239	GOM_NL__2PRFIN20070620_211013_000000362059_00129_27738_1569.N1	20-JUN-2007 21:10:13	Bright	35.500	102	24Alp Ser	2.6000	4250.0	71	27738	No
240	GOM_NL__2PRFIN20070620_211410_000000392059_00129_27738_1570.N1	20-JUN-2007 21:14:10	Bright	38.500	127	27Bet Her	2.7810	4700.0	77	27738	No
241	GOM_NL__2PRFIN20070620_211553_000000372059_00129_27738_1571.N1	20-JUN-2007 21:15:53	Bright	36.500	67	5Alp CrB	2.2210	11000.	73	27738	No
242	GOM_NL__2PRFIN20070620_212531_000000372059_00129_27738_1572.N1	20-JUN-2007 21:25:31	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	27738	No
243	GOM_NL__2PRFIN20070620_212910_000000382059_00129_27738_1573.N1	20-JUN-2007 21:29:10	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	27738	No
244	GOM_NL__2PRFIN20070620_213342_000000362059_00129_27738_1574.N1	20-JUN-2007 21:33:42	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	27738	No
245	GOM_NL__2PRFIN20070620_214400_000000372059_00129_27738_1575.N1	20-JUN-2007 21:44:00	Bright	37.000	160	23Gam Per	2.9300	4700.0	74	27738	No
246	GOM_NL__2PRFIN20070620_215819_000000432059_00129_27738_1576.N1	20-JUN-2007 21:58:19	Dark	43.000	94	92Alp Cet	2.5260	3100.0	86	27738	No
247	GOM_NL__2PRFIN20070620_221621_000000532059_00129_27738_1577.N1	20-JUN-2007 22:16:21	Dark	52.500	9	Alp Eri	0.45300	24000.	105	27738	No
248	GOM_NL__2PRFIN20070620_222135_000000382059_00130_27739_1569.N1	20-JUN-2007 22:21:35	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	27739	No
249	GOM_NL__2PRFIN20070620_223236_000000442059_00130_27739_1570.N1	20-JUN-2007 22:32:36	Straylight	44.000	141	Bet Ara	2.8400	4600.0	88	27739	No
250	GOM_NL__2PRFIN20070620_223400_000000382059_00130_27739_1571.N1	20-JUN-2007 22:34:00	Straylight	38.000	147	Alp Ara	2.8770	26000.	76	27739	No
251	GOM_NL__2PRFIN20070620_223546_000000452059_00130_27739_1572.N1	20-JUN-2007 22:35:46	Tw_i_and_stray	44.500	40	The Sco	1.8590	7100.0	89	27739	No
252	GOM_NL__2PRFIN20070620_223728_000000442059_00130_27739_1573.N1	20-JUN-2007 22:37:28	Tw_i_and_stray	43.500	25	35Lam Sco	1.6200	28000.	87	27739	No
253	GOM_NL__2PRFIN20070620_223851_000000412059_00130_27739_1574.N1	20-JUN-2007 22:38:51	Bright	40.500	75	26Eps Sco	2.2910	4250.0	81	27739	No
254	GOM_NL__2PRFIN20070620_224134_000000362059_00130_27739_1575.N1	20-JUN-2007 22:41:34	Bright	35.500	156	20Sig Sco	2.9030	28000.	71	27739	No
255	GOM_NL__2PRFIN20070620_224353_000000382059_00130_27739_1576.N1	20-JUN-2007 22:43:53	Bright	37.500	86	35Eta Oph	2.4300	10200.	75	27739	No
256	GOM_NL__2PRFIN20070620_224537_000000362059_00130_27739_1577.N1	20-JUN-2007 22:45:37	Bright	35.500	98	13Zet Oph	2.5710	30000.	71	27739	No
257	GOM_NL__2PRFIN20070620_224743_000000372059_00130_27739_1578.N1	20-JUN-2007 22:47:43	Bright	36.500	120	1Del Oph	2.7340	3200.0	73	27739	No
258	GOM_NL__2PRFIN20070620_225049_000000342059_00130_27739_1579.N1	20-JUN-2007 22:50:49	Bright	34.000	102	24Alp Ser	2.6000	4250.0	68	27739	No
259	GOM_NL__2PRFIN20070620_225445_000000382059_00130_27739_1580.N1	20-JUN-2007 22:54:45	Bright	37.500	127	27Bet Her	2.7810	4700.0	75	27739	No
260	GOM_NL__2PRFIN20070620_225630_000000352059_00130_27739_1581.N1	20-JUN-2007 22:56:30	Bright	35.000	67	5Alp CrB	2.2210	11000.	70	27739	No
261	GOM_NL__2PRFIN20070620_230606_000000362059_00130_27739_1582.N1	20-JUN-2007 23:06:06	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	27739	No
262	GOM_NL__2PRFIN20070620_230946_000000342059_00130_27739_1583.N1	20-JUN-2007 23:09:46	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	27739	No
263	GOM_NL__2PRFIN20070620_231418_000000322059_00130_27739_1584.N1	20-JUN-2007 23:14:18	Bright	32.000	49	1Alp UMi	1.9900	6300.0	64	27739	No
264	GOM_NL__2PRFIN20070620_232436_000000532059_00130_27739_1585.N1	20-JUN-2007 23:24:36	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	27739	No
265	GOM_NL__2PRFIN20070620_233856_000000422059_00130_27739_1586.N1	20-JUN-2007 23:38:56	Dark	41.500	94	92Alp Cet	2.5260	3100.0	83	27739	No
266	GOM_NL__2PRFIN20070620_235657_000000402059_00130_27739_1587.N1	20-JUN-2007 23:56:57	Dark	39.500	9	Alp Eri	0.45300	24000.	79	27739	No

3. Quality information per product

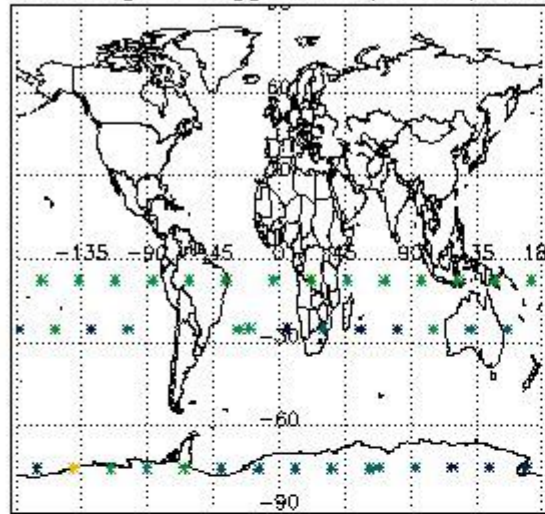
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

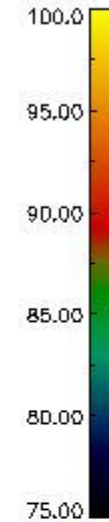
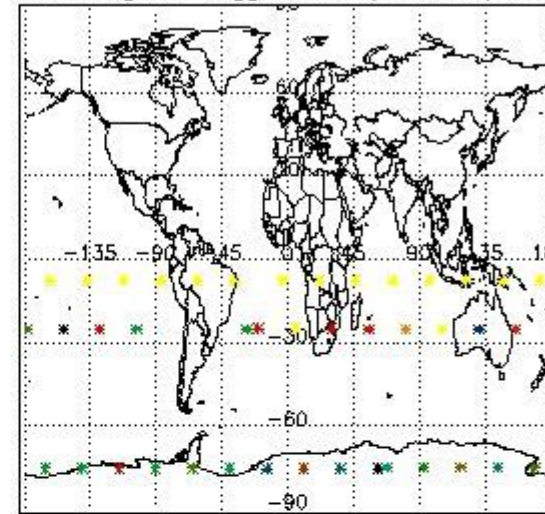


3.2 Plot quality information per product (world map)

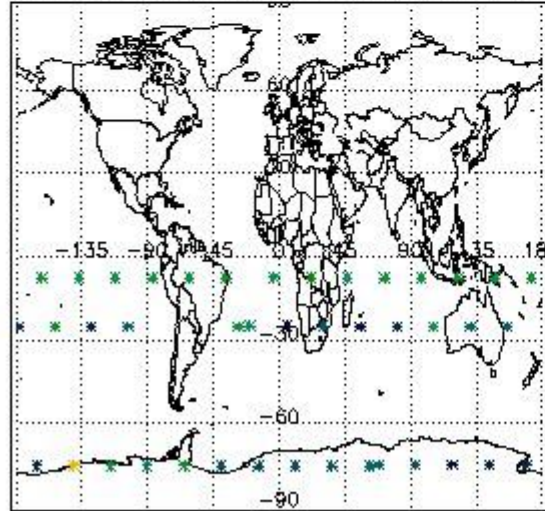
Percentage of flagged data per O3 profile



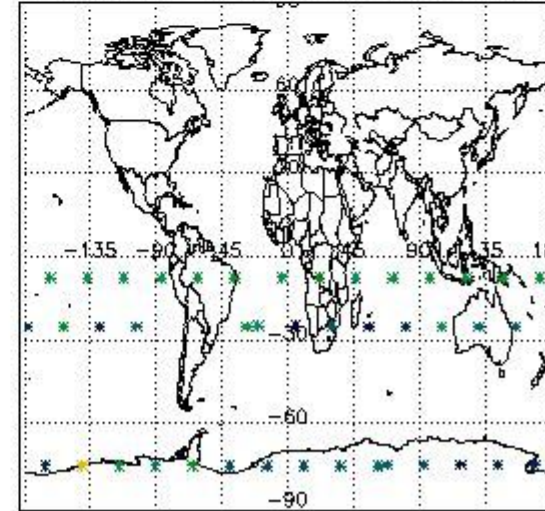
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

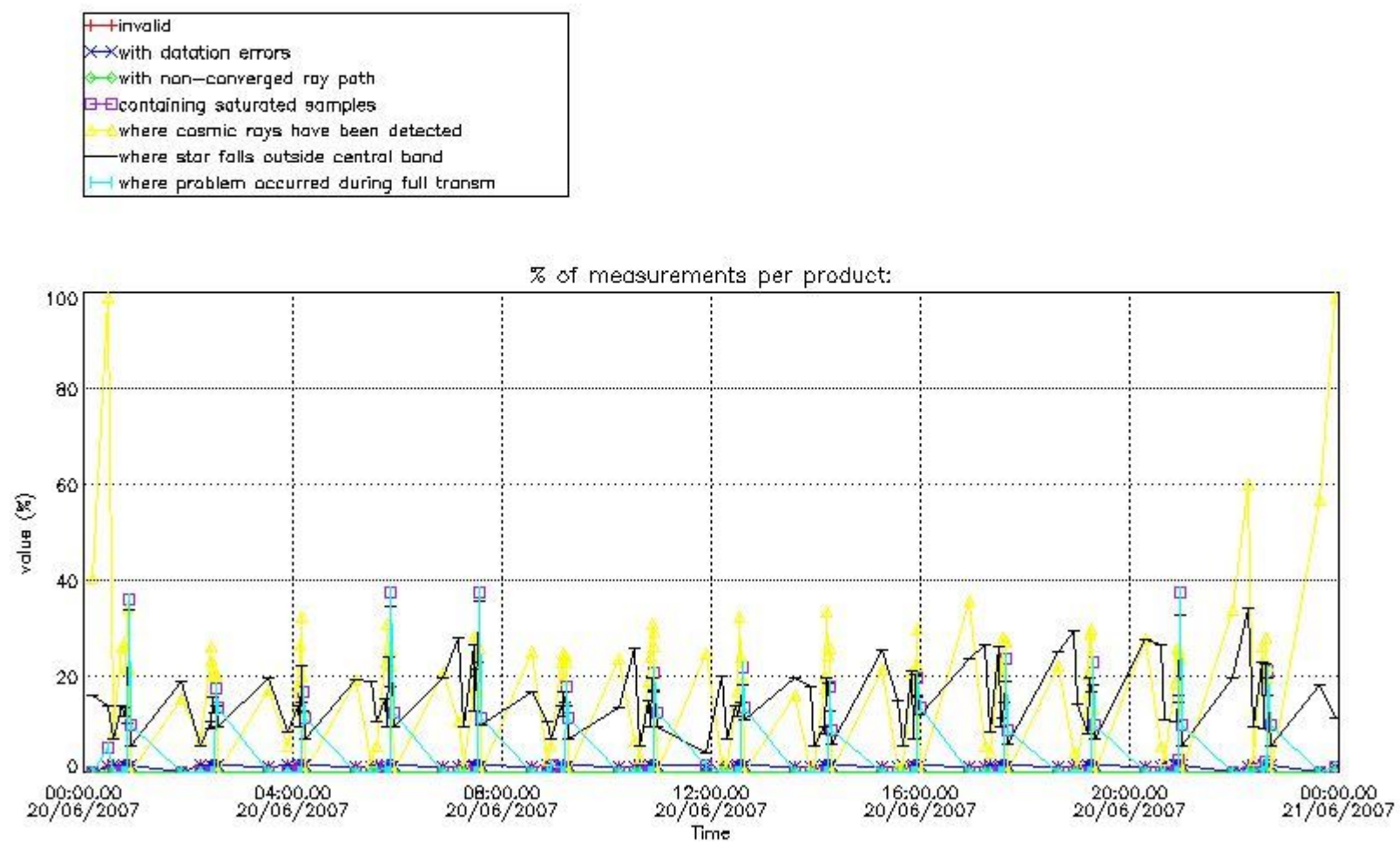


4. Level 1 quality information per product

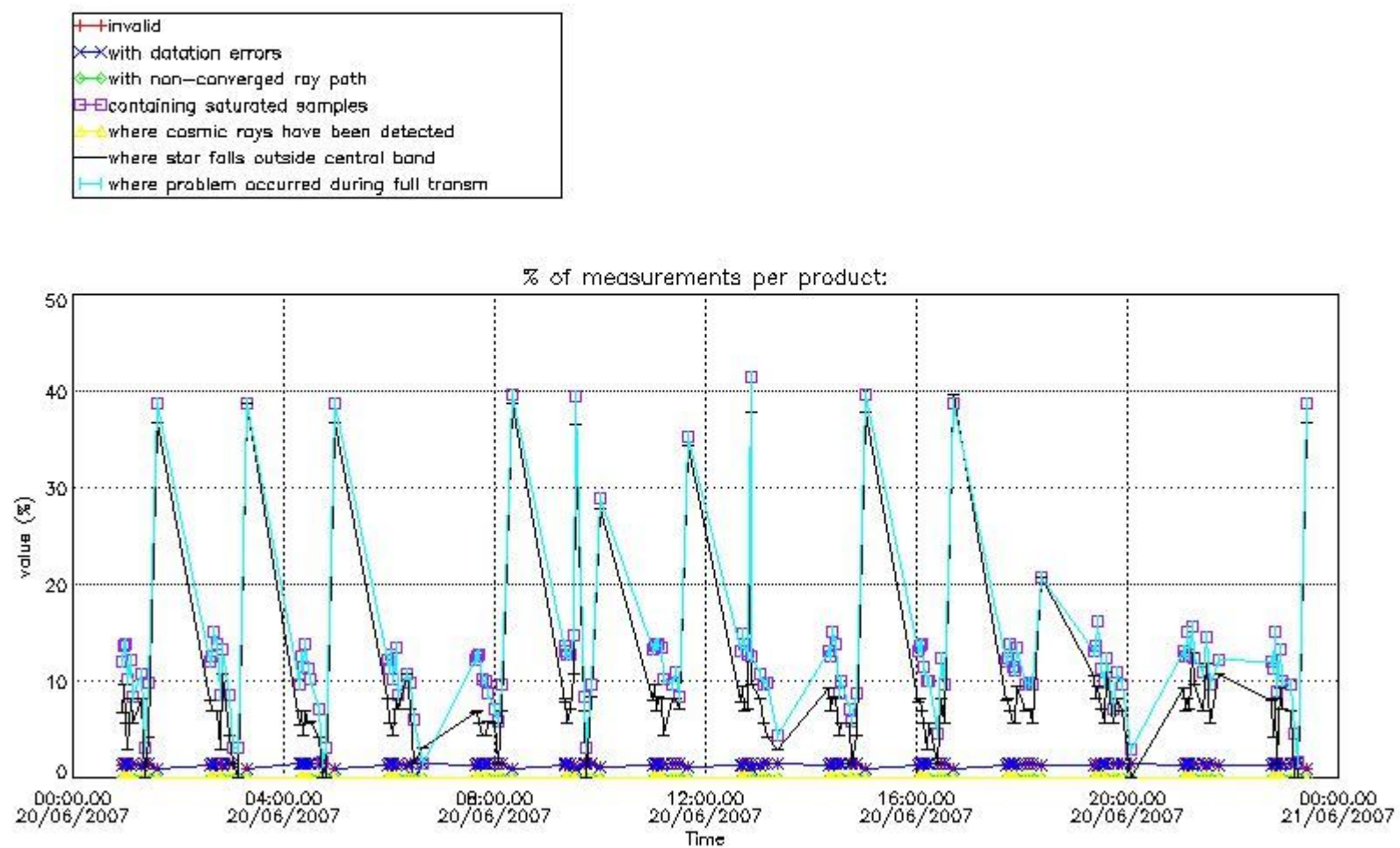
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

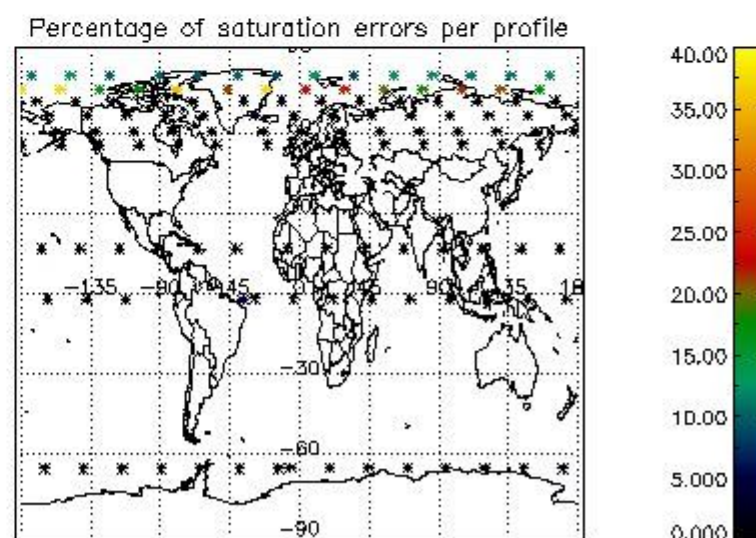
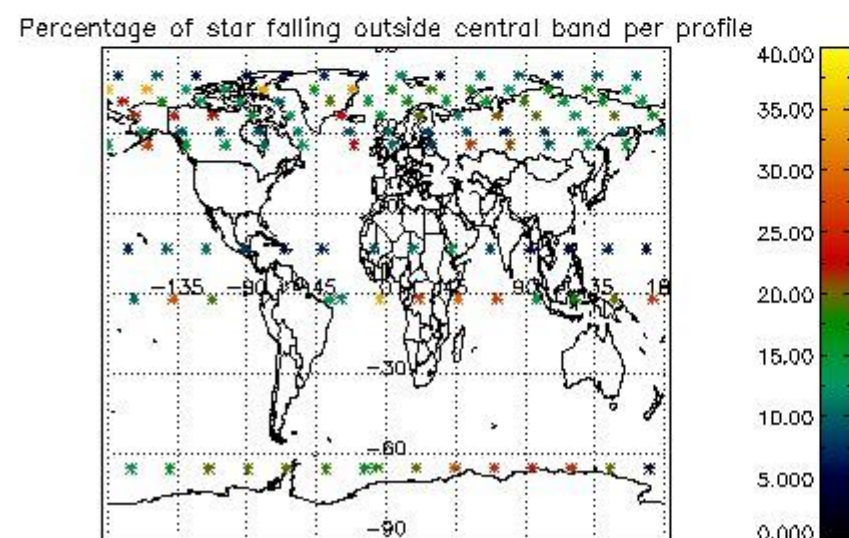
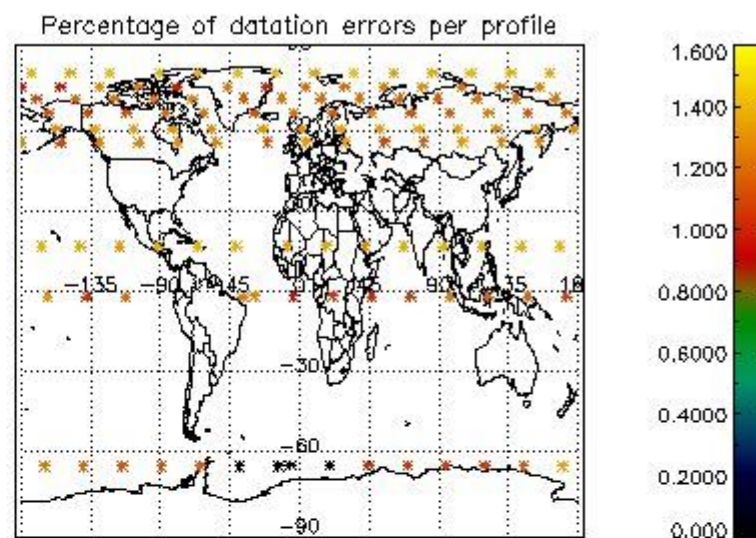
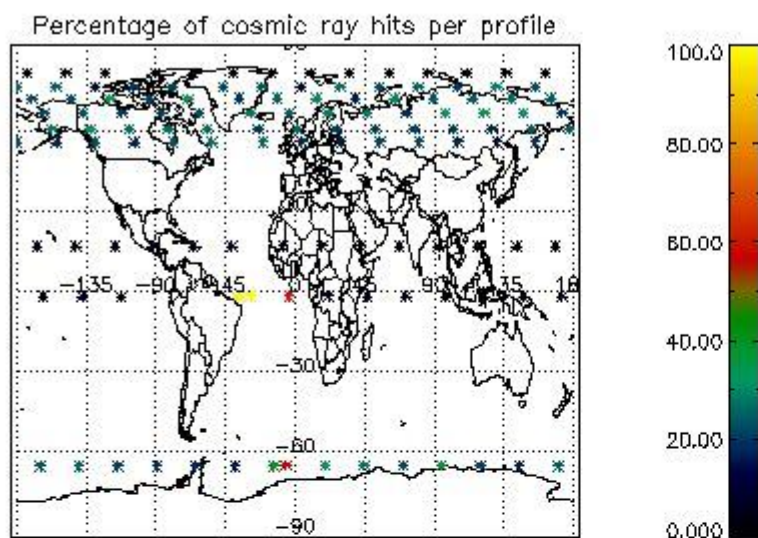
4.1.1 Plot level 1 quality information per product (time dependant): ENVISAT ASCENDING passes



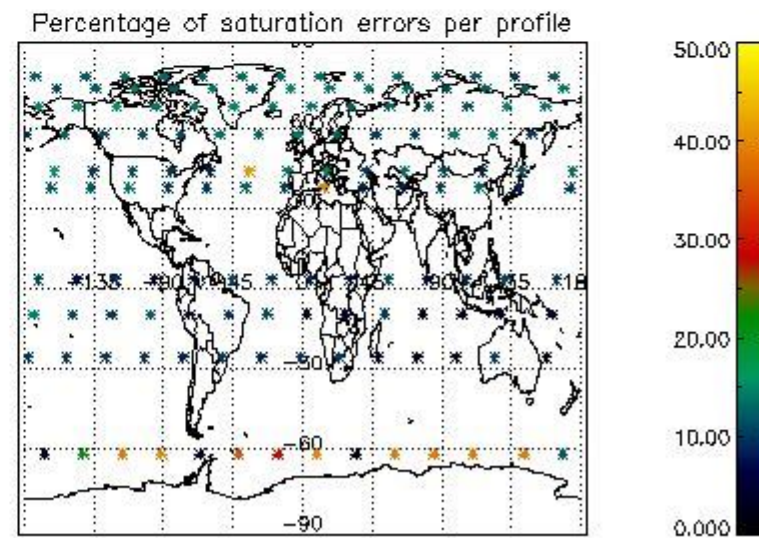
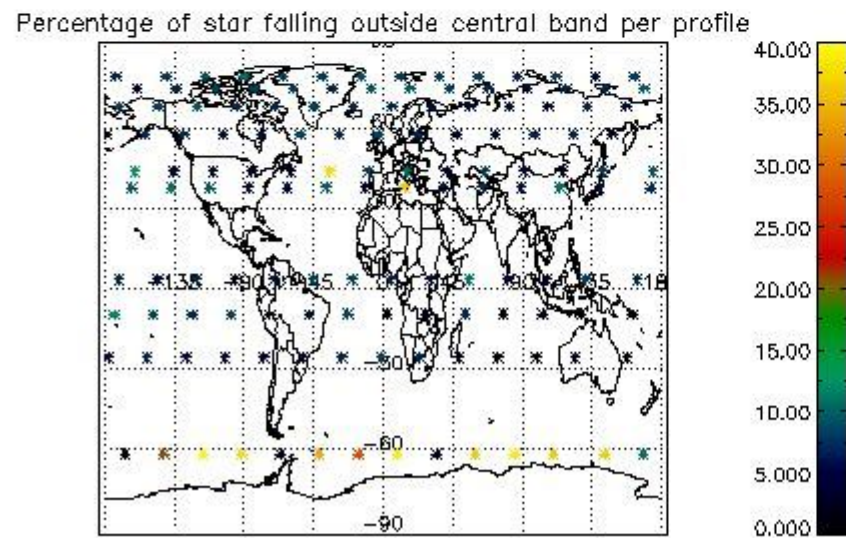
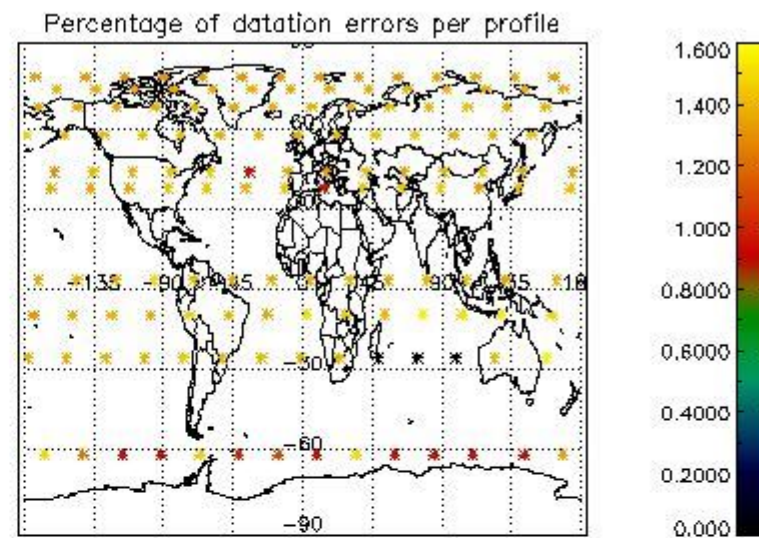
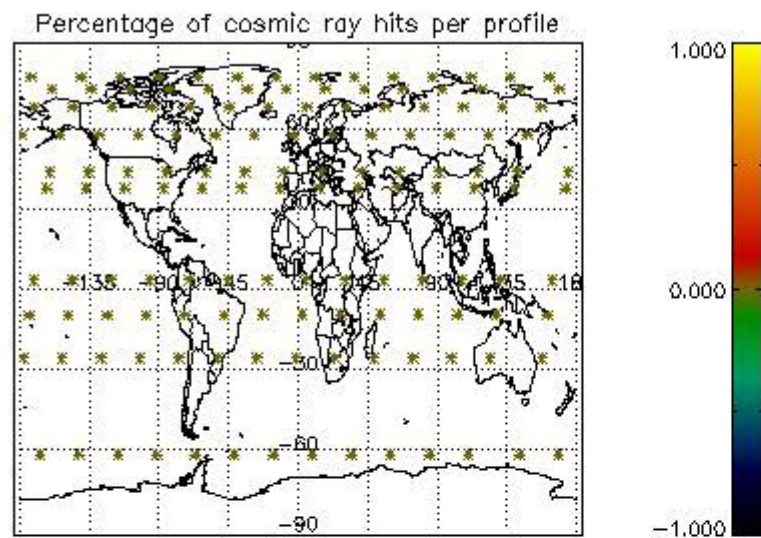
4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



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



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

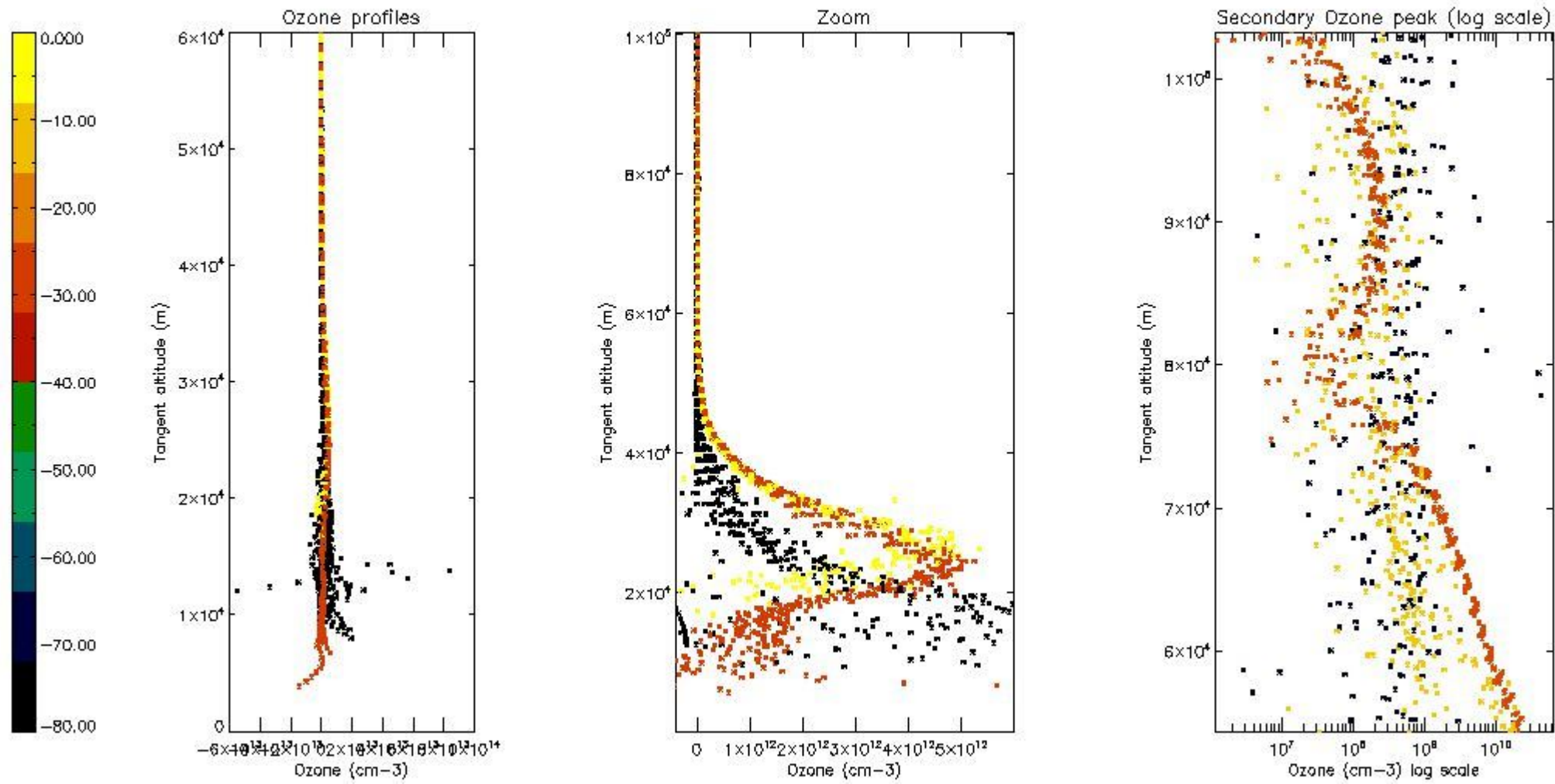
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	17
STD < 20	7

STD < 10	5
STD < 5	3

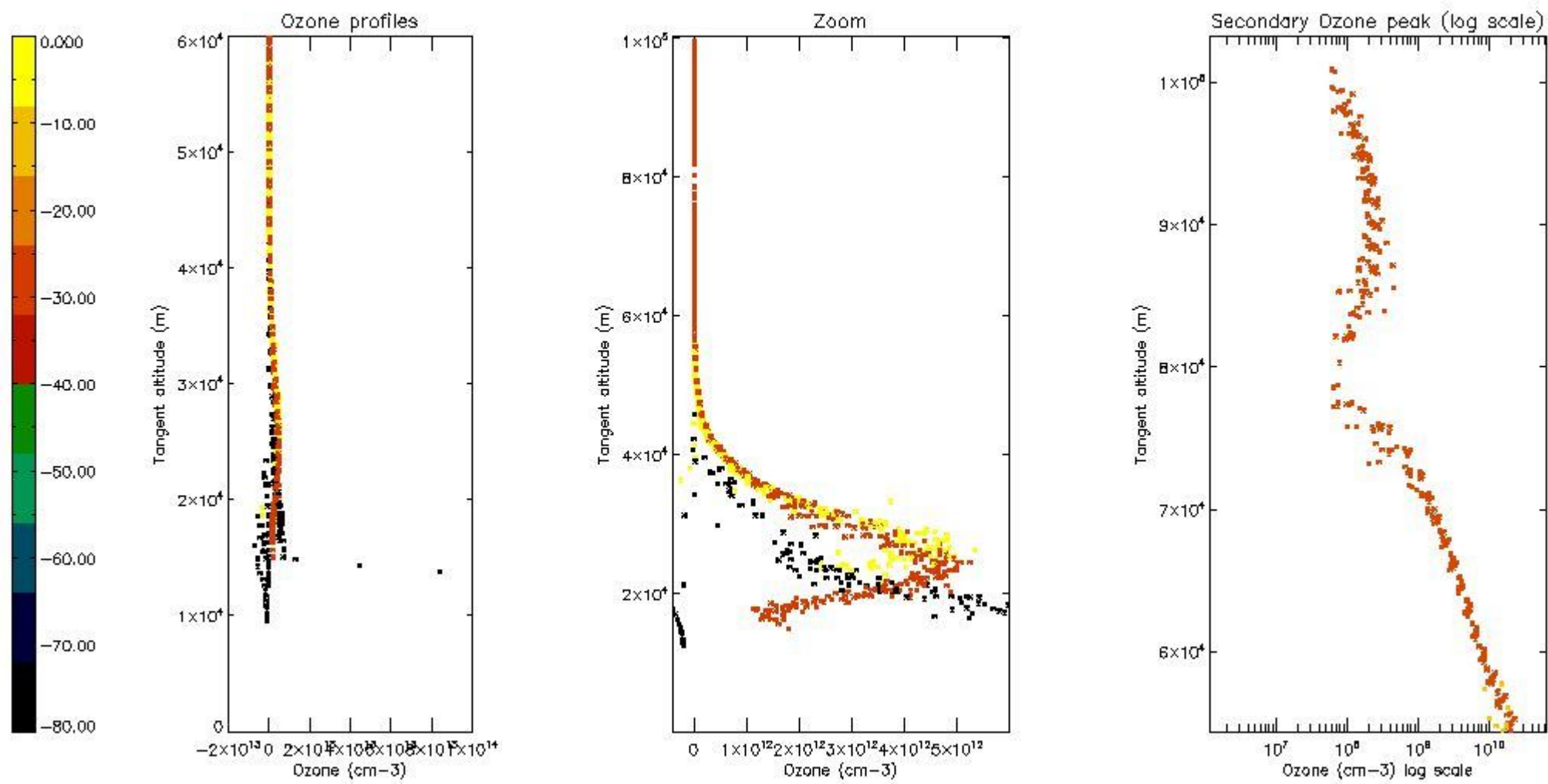
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



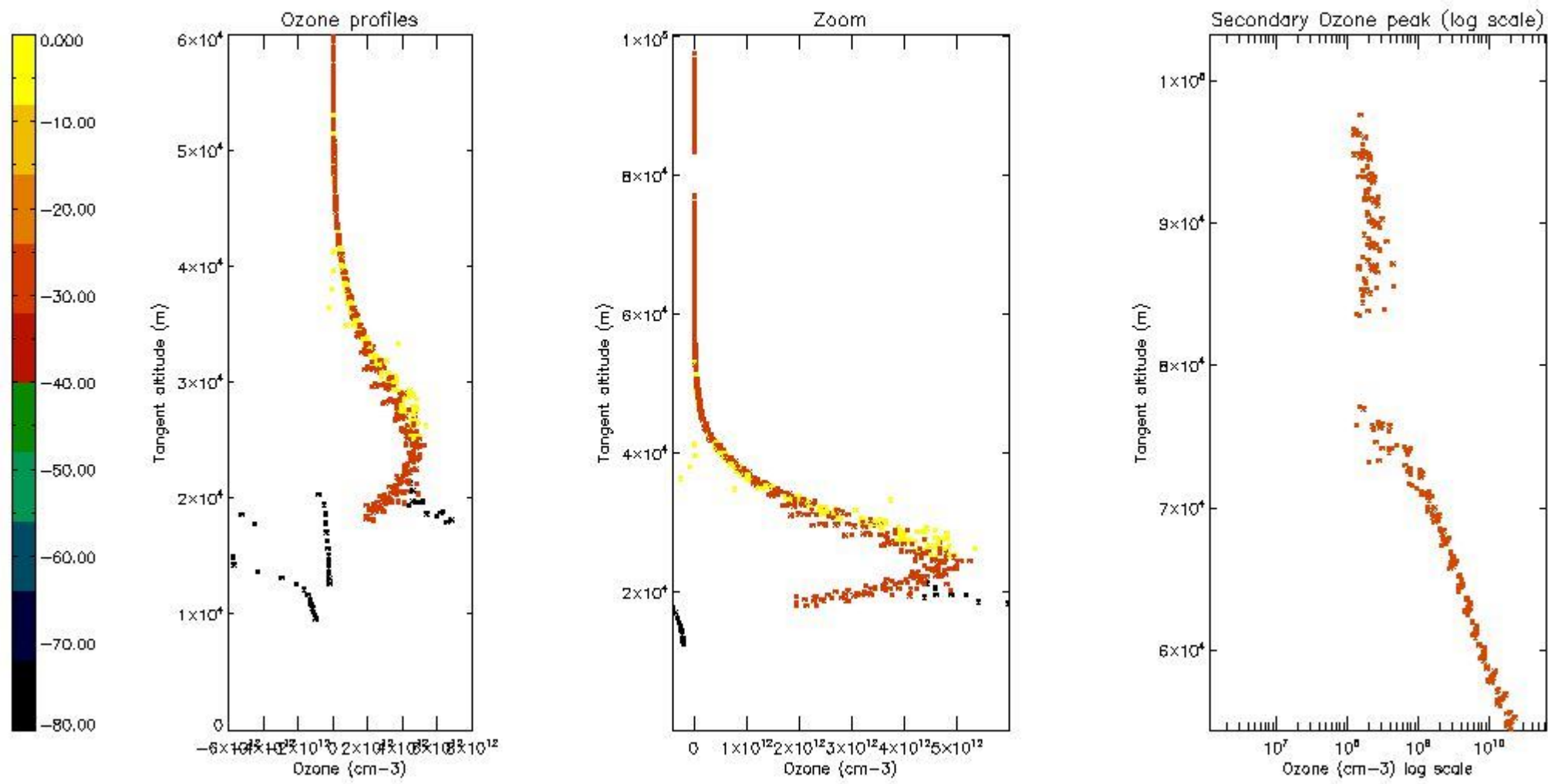
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



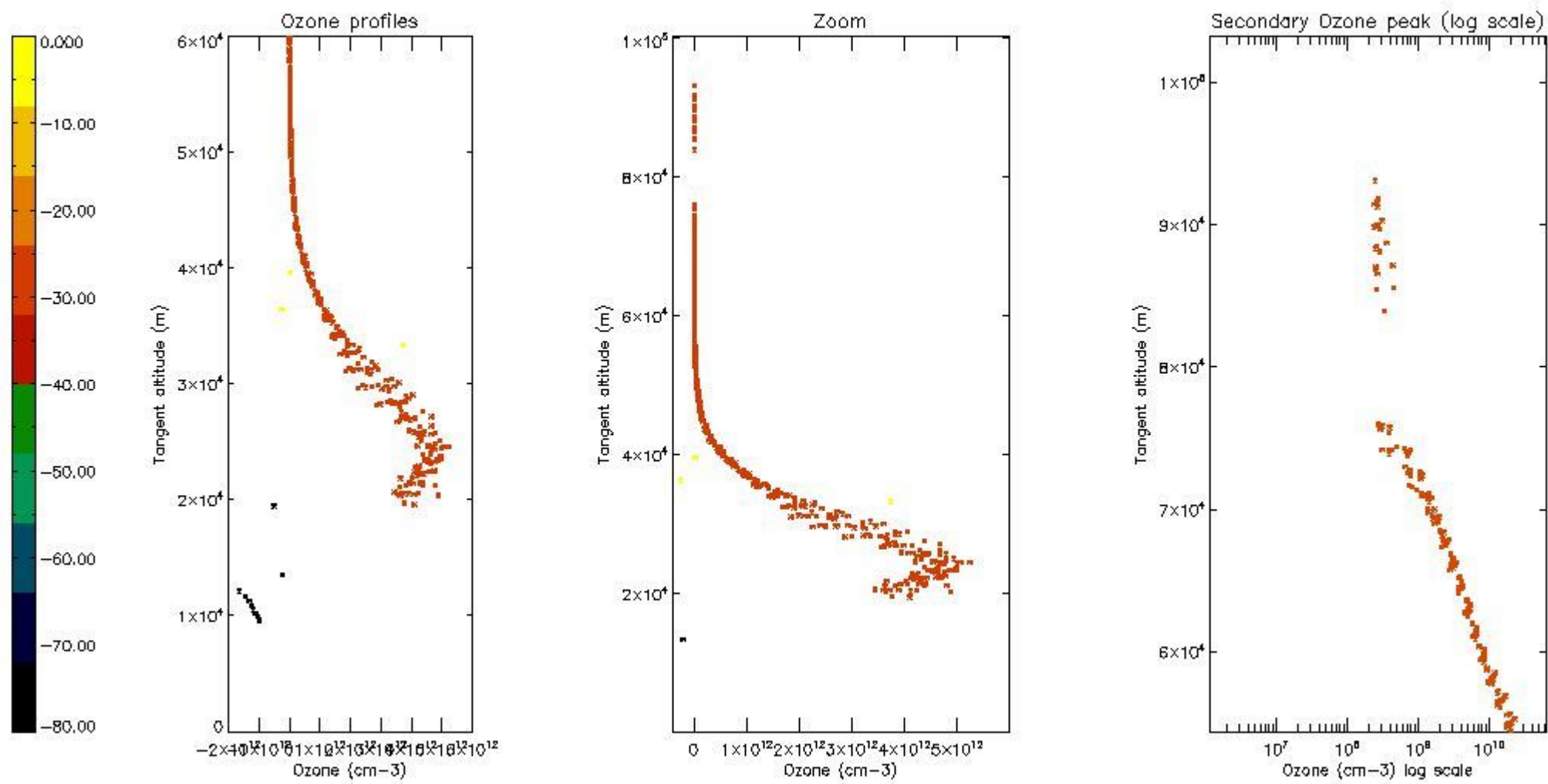
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



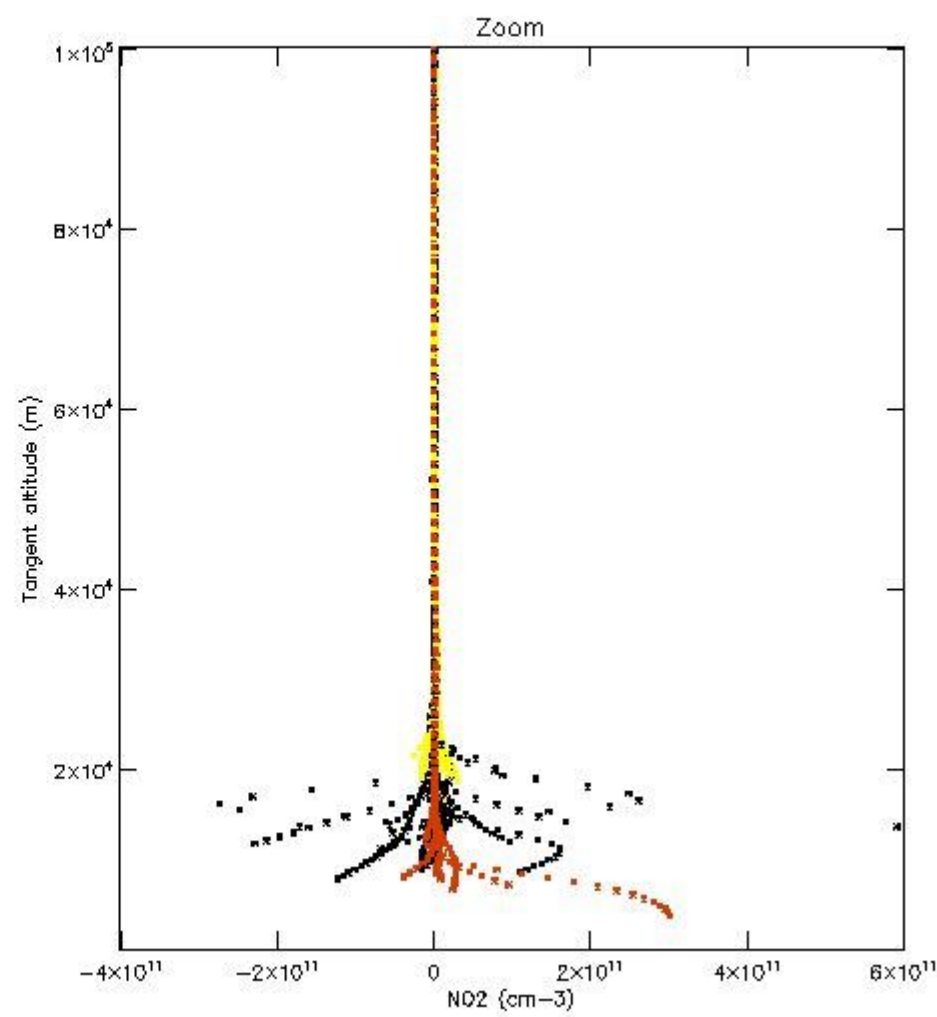
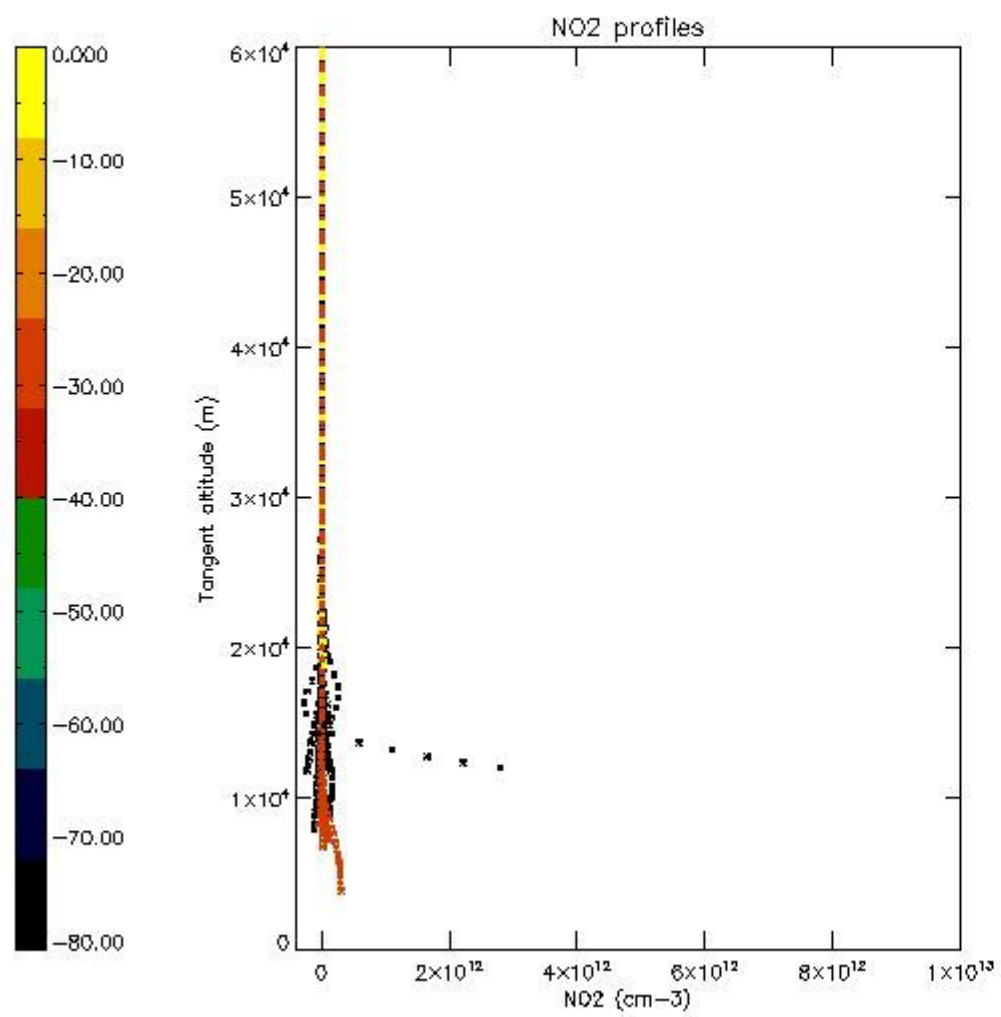
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



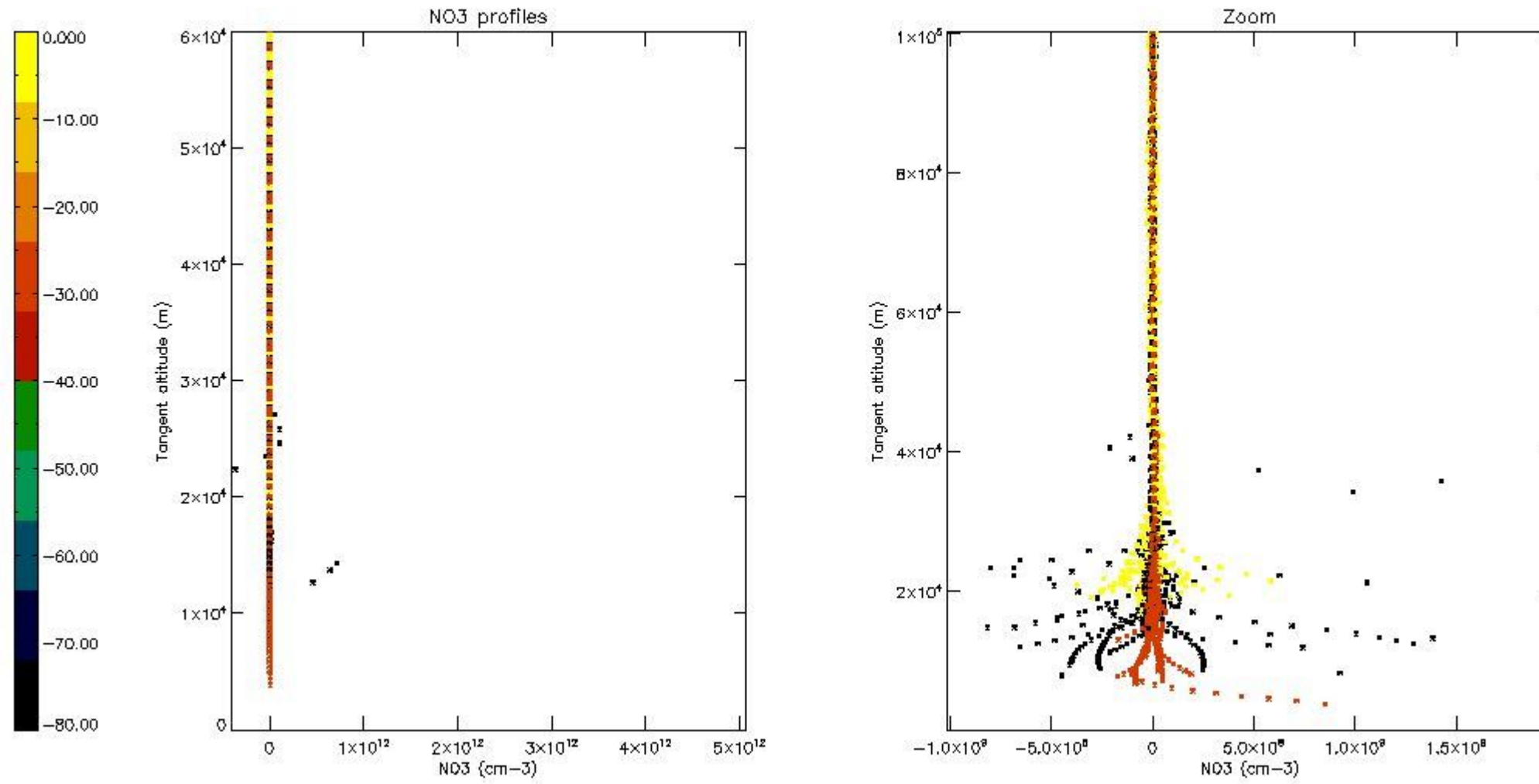
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	20-JUN-2007 00:10:29
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	20-JUN-2007 00:10:29
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	20-JUN-2007 00:10:29

GOMOS Level 2 Daily Report

SUMMARY

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

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

[3.1 Plot of level 2 quality information per product \(time dependant\)](#)

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

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

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

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

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

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

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

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[5. Ozone profiles based on quality statistics and other trace gas profiles](#)

[5.1 Ozone statistics based on quality of products](#)

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

[5.3 Plot ozone profiles where STD < 20% \(dark without errors\)](#)

[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	22APR2013 20:57:06
Data source version	GOMOS/6.01
Start time of products	20-06-2007 (20JUN2007 00:00:00)
Stop time of products	21-06-2007 (21JUN2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	266
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__2PRFIN20070620_001029_000000412059_00116_27725_1316.N1	20-JUN-2007 00:10:29	Dark	41.000	94	92Alp Cet	2.5260	3100.0	82	27725	No
2	GOM_NL__2PRFIN20070620_002828_000000402059_00116_27725_1317.N1	20-JUN-2007 00:28:28	Dark	40.000	9	Alp Eri	0.45300	24000.	80	27725	No
3	GOM_NL__2PRFIN20070620_003345_000000362059_00117_27726_1331.N1	20-JUN-2007 00:33:45	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	27726	No
4	GOM_NL__2PRFIN20070620_004446_000000402059_00117_27726_1332.N1	20-JUN-2007 00:44:46	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	27726	No
5	GOM_NL__2PRFIN20070620_004609_000000392059_00117_27726_1333.N1	20-JUN-2007 00:46:09	Straylight	39.000	147	Alp Ara	2.8770	26000.	78	27726	No
6	GOM_NL__2PRFIN20070620_004755_000000412059_00117_27726_1334.N1	20-JUN-2007 00:47:55	Tw_i_and_stray	41.000	40	The Sco	1.8590	7100.0	82	27726	No
7	GOM_NL__2PRFIN20070620_004937_000000402059_00117_27726_1335.N1	20-JUN-2007 00:49:37	Tw_i_and_stray	39.500	25	35Lam Sco	1.6200	28000.	79	27726	No
8	GOM_NL__2PRFIN20070620_005101_000000522059_00117_27726_1336.N1	20-JUN-2007 00:51:01	Bright	51.500	75	26Eps Sco	2.2910	4250.0	103	27726	No
9	GOM_NL__2PRFIN20070620_005345_000000362059_00117_27726_1337.N1	20-JUN-2007 00:53:45	Bright	35.500	156	20Sig Sco	2.9030	28000.	71	27726	No
10	GOM_NL__2PRFIN20070620_005604_000000382059_00117_27726_1338.N1	20-JUN-2007 00:56:04	Bright	37.500	86	35Eta Oph	2.4300	10200.	75	27726	No
11	GOM_NL__2PRFIN20070620_005748_000000372059_00117_27726_1339.N1	20-JUN-2007 00:57:48	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	27726	No
12	GOM_NL__2PRFIN20070620_005954_000000362059_00117_27726_1340.N1	20-JUN-2007 00:59:54	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	27726	No
13	GOM_NL__2PRFIN20070620_010259_000000352059_00117_27726_1341.N1	20-JUN-2007 01:02:59	Bright	34.500	102	24Alp Ser	2.6000	4250.0	69	27726	No
14	GOM_NL__2PRFIN20070620_010658_000000372059_00117_27726_1342.N1	20-JUN-2007 01:06:58	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	27726	No
15	GOM_NL__2PRFIN20070620_010840_000000362059_00117_27726_1343.N1	20-JUN-2007 01:08:40	Bright	35.500	67	5Alp CrB	2.2210	11000.	71	27726	No
16	GOM_NL__2PRFIN20070620_011820_000000372059_00117_27726_1344.N1	20-JUN-2007 01:18:20	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	27726	No
17	GOM_NL__2PRFIN20070620_012157_000000332059_00117_27726_1345.N1	20-JUN-2007 01:21:57	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	27726	No
18	GOM_NL__2PRFIN20070620_012630_000000362059_00117_27726_1346.N1	20-JUN-2007 01:26:30	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	27726	No
19	GOM_NL__2PRFIN20070620_013649_000000532059_00117_27726_1347.N1	20-JUN-2007 01:36:49	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	27726	No
20	GOM_NL__2PRFIN20070620_015105_000000432059_00117_27726_1348.N1	20-JUN-2007 01:51:05	Dark	42.500	94	92Alp Cet	2.5260	3100.0	85	27726	No
21	GOM_NL__2PRFIN20070620_021421_000000362059_00118_27727_1348.N1	20-JUN-2007 02:14:21	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	27727	No
22	GOM_NL__2PRFIN20070620_022522_000000392059_00118_27727_1349.N1	20-JUN-2007 02:25:22	Straylight	38.500	141	Bet Ara	2.8400	4600.0	77	27727	No
23	GOM_NL__2PRFIN20070620_022646_000000382059_00118_27727_1350.N1	20-JUN-2007 02:26:46	Straylight	38.000	147	Alp Ara	2.8770	26000.	76	27727	No
24	GOM_NL__2PRFIN20070620_022831_000000422059_00118_27727_1351.N1	20-JUN-2007 02:28:31	Tw_i_and_stray	41.500	40	The Sco	1.8590	7100.0	83	27727	No
25	GOM_NL__2PRFIN20070620_023013_000000412059_00118_27727_1352.N1	20-JUN-2007 02:30:13	Tw_i_and_stray	40.500	25	35Lam Sco	1.6200	28000.	81	27727	No
26	GOM_NL__2PRFIN20070620_023137_000000402059_00118_27727_1353.N1	20-JUN-2007 02:31:37	Bright	40.000	75	26Eps Sco	2.2910	4250.0	80	27727	No
27	GOM_NL__2PRFIN20070620_023421_000000372059_00118_27727_1354.N1	20-JUN-2007 02:34:21	Bright	37.000	156	20Sig Sco	2.9030	28000.	74	27727	No
28	GOM_NL__2PRFIN20070620_023641_000000382059_00118_27727_1355.N1	20-JUN-2007 02:36:41	Bright	37.500	86	35Eta Oph	2.4300	10200.	75	27727	No
29	GOM_NL__2PRFIN20070620_023824_000000362059_00118_27727_1356.N1	20-JUN-2007 02:38:24	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	27727	No
30	GOM_NL__2PRFIN20070620_024030_000000372059_00118_27727_1357.N1	20-JUN-2007 02:40:30	Bright	36.500	120	1Del Oph	2.7340	3200.0	73	27727	No
31	GOM_NL__2PRFIN20070620_024335_000000362059_00118_27727_1358.N1	20-JUN-2007 02:43:35	Bright	36.000	102	24Alp Ser	2.6000	4250.0	72	27727	No
32	GOM_NL__2PRFIN20070620_024734_000000352059_00118_27727_1359.N1	20-JUN-2007 02:47:34	Bright	35.000	127	27Bet Her	2.7810	4700.0	70	27727	No
33	GOM_NL__2PRFIN20070620_024916_000000382059_00118_27727_1360.N1	20-JUN-2007 02:49:16	Bright	37.500	67	5Alp CrB	2.2210	11000.	75	27727	No
34	GOM_NL__2PRFIN20070620_025856_000000352059_00118_27727_1361.N1	20-JUN-2007 02:58:56	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	27727	No
35	GOM_NL__2PRFIN20070620_030233_000000332059_00118_27727_1362.N1	20-JUN-2007 03:02:33	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	27727	No
36	GOM_NL__2PRFIN20070620_030706_000000332059_00118_27727_1363.N1	20-JUN-2007 03:07:06	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	27727	No
37	GOM_NL__2PRFIN20070620_031725_000000532059_00118_27727_1364.N1	20-JUN-2007 03:17:25	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	27727	No
38	GOM_NL__2PRFIN20070620_033141_000000442059_00118_27727_1365.N1	20-JUN-2007 03:31:41	Dark	43.500	94	92Alp Cet	2.5260	3100.0	87	27727	No
39	GOM_NL__2PRFIN20070620_035457_000000372059_00119_27728_1358.N1	20-JUN-2007 03:54:57	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	27728	No
40	GOM_NL__2PRFIN20070620_040559_000000402059_00119_27728_1359.N1	20-JUN-2007 04:05:59	Straylight	39.500	141	Bet Ara	2.8400	4600.0	79	27728	No
41	GOM_NL__2PRFIN20070620_040722_000000382059_00119_27728_1360.N1	20-JUN-2007 04:07:22	Straylight	37.500	147	Alp Ara	2.8770	26000.	75	27728	No
42	GOM_NL__2PRFIN20070620_040908_000000452059_00119_27728_1361.N1	20-JUN-2007 04:09:08	Tw_i_and_stray	45.000	40	The Sco	1.8590	7100.0	90	27728	No

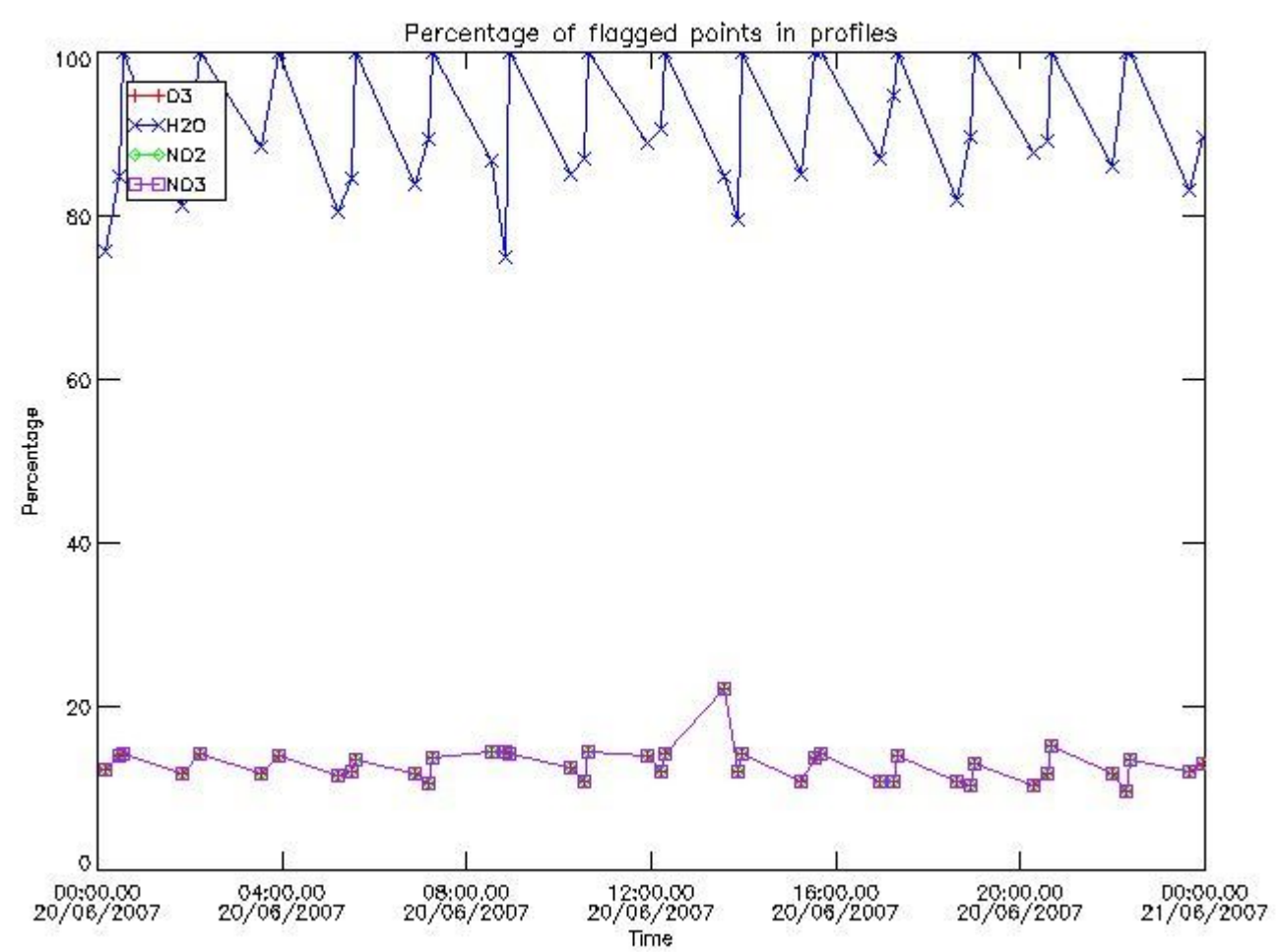
102	GOM_NL__2PRFIN20070620_091646_000000362059_00122_27731_1423.N1	20-JUN-2007 09:16:46	Bright	35.500	156	20Sig Sco	2.9030	28000.	71	27731	No
103	GOM_NL__2PRFIN20070620_091905_000000382059_00122_27731_1424.N1	20-JUN-2007 09:19:05	Bright	38.000	86	35Eta Oph	2.4300	10200.	76	27731	No
104	GOM_NL__2PRFIN20070620_092049_000000372059_00122_27731_1425.N1	20-JUN-2007 09:20:49	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	27731	No
105	GOM_NL__2PRFIN20070620_092255_000000362059_00122_27731_1426.N1	20-JUN-2007 09:22:55	Bright	35.500	120	1Del Oph	2.7340	3200.0	71	27731	No
106	GOM_NL__2PRFIN20070620_092600_000000362059_00122_27731_1427.N1	20-JUN-2007 09:26:00	Bright	35.500	102	24Alp Ser	2.6000	4250.0	71	27731	No
107	GOM_NL__2PRFIN20070620_092958_000000382059_00122_27731_1428.N1	20-JUN-2007 09:29:58	Bright	37.500	127	27Bet Her	2.7810	4700.0	75	27731	No
108	GOM_NL__2PRFIN20070620_093141_000000522059_00122_27731_1429.N1	20-JUN-2007 09:31:41	Bright	52.000	67	5Alp CrB	2.2210	11000.	104	27731	No
109	GOM_NL__2PRFIN20070620_094120_000000362059_00122_27731_1430.N1	20-JUN-2007 09:41:20	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	27731	No
110	GOM_NL__2PRFIN20070620_094458_000000332059_00122_27731_1431.N1	20-JUN-2007 09:44:58	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	27731	No
111	GOM_NL__2PRFIN20070620_094930_000000362059_00122_27731_1432.N1	20-JUN-2007 09:49:30	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	27731	No
112	GOM_NL__2PRFIN20070620_095949_000000452059_00122_27731_1433.N1	20-JUN-2007 09:59:49	Bright	45.000	160	23Gam Per	2.9300	4700.0	90	27731	No
113	GOM_NL__2PRFIN20070620_101406_000000412059_00122_27731_1434.N1	20-JUN-2007 10:14:06	Dark	40.500	94	92Alp Cet	2.5260	3100.0	81	27731	No
114	GOM_NL__2PRFIN20070620_103207_000000472059_00122_27731_1435.N1	20-JUN-2007 10:32:07	Dark	46.500	9	Alp Eri	0.45300	24000.	93	27731	No
115	GOM_NL__2PRFIN20070620_103722_000000362059_00123_27732_1431.N1	20-JUN-2007 10:37:22	Dark	35.500	135	Bet Hyi	2.8200	5800.0	71	27732	No
116	GOM_NL__2PRFIN20070620_104823_000000402059_00123_27732_1432.N1	20-JUN-2007 10:48:23	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	27732	No
117	GOM_NL__2PRFIN20070620_104947_000000382059_00123_27732_1433.N1	20-JUN-2007 10:49:47	Straylight	37.500	147	Alp Ara	2.8770	26000.	75	27732	No
118	GOM_NL__2PRFIN20070620_105133_000000442059_00123_27732_1434.N1	20-JUN-2007 10:51:33	Twi_and_stray	43.500	40	The Sco	1.8590	7100.0	87	27732	No
119	GOM_NL__2PRFIN20070620_105314_000000422059_00123_27732_1435.N1	20-JUN-2007 10:53:14	Twi_and_stray	42.000	25	35Lam Sco	1.6200	28000.	84	27732	No
120	GOM_NL__2PRFIN20070620_105438_000000412059_00123_27732_1436.N1	20-JUN-2007 10:54:38	Bright	41.000	75	26Eps Sco	2.2910	4250.0	82	27732	No
121	GOM_NL__2PRFIN20070620_105722_000000372059_00123_27732_1437.N1	20-JUN-2007 10:57:22	Bright	36.500	156	20Sig Sco	2.9030	28000.	73	27732	No
122	GOM_NL__2PRFIN20070620_105941_000000382059_00123_27732_1438.N1	20-JUN-2007 10:59:41	Bright	37.500	86	35Eta Oph	2.4300	10200.	75	27732	No
123	GOM_NL__2PRFIN20070620_110125_000000372059_00123_27732_1439.N1	20-JUN-2007 11:01:25	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	27732	No
124	GOM_NL__2PRFIN20070620_110331_000000362059_00123_27732_1440.N1	20-JUN-2007 11:03:31	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	27732	No
125	GOM_NL__2PRFIN20070620_110636_000000362059_00123_27732_1441.N1	20-JUN-2007 11:06:36	Bright	36.000	102	24Alp Ser	2.6000	4250.0	72	27732	No
126	GOM_NL__2PRFIN20070620_111034_000000372059_00123_27732_1442.N1	20-JUN-2007 11:10:34	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	27732	No
127	GOM_NL__2PRFIN20070620_111217_000000352059_00123_27732_1443.N1	20-JUN-2007 11:12:17	Bright	34.500	67	5Alp CrB	2.2210	11000.	69	27732	No
128	GOM_NL__2PRFIN20070620_112155_000000372059_00123_27732_1444.N1	20-JUN-2007 11:21:55	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	27732	No
129	GOM_NL__2PRFIN20070620_112534_000000372059_00123_27732_1445.N1	20-JUN-2007 11:25:34	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	27732	No
130	GOM_NL__2PRFIN20070620_113006_000000362059_00123_27732_1446.N1	20-JUN-2007 11:30:06	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	27732	No
131	GOM_NL__2PRFIN20070620_114024_000000502059_00123_27732_1447.N1	20-JUN-2007 11:40:24	Bright	49.500	160	23Gam Per	2.9300	4700.0	99	27732	No
132	GOM_NL__2PRFIN20070620_115442_000000372059_00123_27732_1448.N1	20-JUN-2007 11:54:42	Dark	36.500	94	92Alp Cet	2.5260	3100.0	73	27732	No
133	GOM_NL__2PRFIN20070620_121243_000000432059_00123_27732_1449.N1	20-JUN-2007 12:12:43	Dark	42.500	9	Alp Eri	0.45300	24000.	85	27732	No
134	GOM_NL__2PRFIN20070620_121758_000000362059_00124_27733_1445.N1	20-JUN-2007 12:17:58	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	27733	No
135	GOM_NL__2PRFIN20070620_122859_000000402059_00124_27733_1446.N1	20-JUN-2007 12:28:59	Straylight	39.500	141	Bet Ara	2.8400	4600.0	79	27733	No
136	GOM_NL__2PRFIN20070620_123023_000000392059_00124_27733_1447.N1	20-JUN-2007 12:30:23	Straylight	39.000	147	Alp Ara	2.8770	26000.	78	27733	No
137	GOM_NL__2PRFIN20070620_123209_000000402059_00124_27733_1448.N1	20-JUN-2007 12:32:09	Twi_and_stray	40.000	40	The Sco	1.8590	7100.0	80	27733	No
138	GOM_NL__2PRFIN20070620_123351_000000422059_00124_27733_1449.N1	20-JUN-2007 12:33:51	Twi_and_stray	41.500	25	35Lam Sco	1.6200	28000.	83	27733	No
139	GOM_NL__2PRFIN20070620_123514_000000422059_00124_27733_1450.N1	20-JUN-2007 12:35:14	Bright	41.500	75	26Eps Sco	2.2910	4250.0	83	27733	No
140	GOM_NL__2PRFIN20070620_123758_000000372059_00124_27733_1451.N1	20-JUN-2007 12:37:58	Bright	37.000	156	20Sig Sco	2.9030	28000.	74	27733	No
141	GOM_NL__2PRFIN20070620_124017_000000382059_00124_27733_1452.N1	20-JUN-2007 12:40:17	Bright	38.000	86	35Eta Oph	2.4300	10200.	76	27733	No
142	GOM_NL__2PRFIN20070620_124201_000000372059_00124_27733_1453.N1	20-JUN-2007 12:42:01	Bright	37.000	98	13Zet Oph	2.5710	30000.	74	27733	No
143	GOM_NL__2PRFIN20070620_124407_000000362059_00124_27733_1454.N1	20-JUN-2007 12:44:07	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	27733	No
144	GOM_NL__2PRFIN20070620_124712_000000362059_00124_27733_1455.N1	20-JUN-2007 12:47:12	Bright	35.500	102	24Alp Ser	2.6000	4250.0	71	27733	No
145	GOM_NL__2PRFIN20070620_125110_000000532059_00124_27733_1456.N1	20-JUN-2007 12:51:10	Bright	53.000	127	27Bet Her	2.7810	4700.0	106	27733	No
146	GOM_NL__2PRFIN20070620_125253_000000362059_00124_27733_1457.N1	20-JUN-2007 12:52:53	Bright	36.000	67	5Alp CrB	2.2210	11000.	72	27733	No
147	GOM_NL__2PRFIN20070620_130231_000000372059_00124_27733_1458.N1	20-JUN-2007 13:02:31	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	27733	No
148	GOM_NL__2PRFIN20070620_130610_000000362059_00124_27733_1459.N1	20-JUN-2007 13:06:10	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	27733	No
149	GOM_NL__2PRFIN20070620_131042_000000362059_00124_27733_1460.N1	20-JUN-2007 13:10:42	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	27733	No
150	GOM_NL__2PRFIN20070620_132100_000000342059_00124_27733_1461.N1	20-JUN-2007 13:21:00	Bright	34.000	160	23Gam Per	2.9300	4700.0	68	27733	No
151	GOM_NL__2PRFIN20070620_133518_000000442059_00124_27733_1462.N1	20-JUN-2007 13:35:18	Dark	43.500	94	92Alp Cet	2.5260	3100.0	87	27733	No
152	GOM_NL__2PRFIN20070620_135319_000000422059_00124_27733_1463.N1	20-JUN-2007 13:53:19	Dark	42.000	9	Alp Eri	0.45300	24000.	84	27733	No
153	GOM_NL__2PRFIN20070620_135834_000000362059_00125_27734_1467.N1	20-JUN-2007 13:58:34	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	27734	No
154	GOM_NL__2PRFIN20070620_140935_000000382059_00125_27734_1468.N1	20-JUN-2007 14:09:35	Straylight	37.500	141	Bet Ara	2.8400	4600.0	75	27734	No
155	GOM_NL__2PRFIN20070620_141059_000000382059_00125_27734_1469.N1	20-JUN-2007 14:10:59	Straylight	37.500	147	Alp Ara	2.8770	26000.	75	27734	No
156	GOM_NL__2PRFIN20070620_141245_000000442059_00125_27734_1470.N1	20-JUN-2007 14:12:45	Twi_and_stray	43.500	40	The Sco	1.8590	7100.0	87	27734	No
157	GOM_NL__2PRFIN20070620_141427_000000432059_00125_27734_1471.N1	20-JUN-2007 14:14:27	Twi_and_stray	43.000	25	35Lam Sco	1.6200	28000.	86	27734	No
158	GOM_NL__2PRFIN20070620_141550_000000392059_00125_27734_1472.N1	20-JUN-2007 14:15:50	Bright	39.000	75	26Eps Sco	2.2910	4250.0	78	27734	No
159	GOM_NL__2PRFIN20070620_141834_000000352059_00125_27734_1473.N1	20-JUN-2007 14:18:34	Bright	35.000	156	20Sig Sco	2.9030	28000.	70	27734	No
160	GOM_NL__2PRFIN20070620_142053_000000382059_00125_27734_1474.N1	20-JUN-2007 14:20:53	Bright	38.000	86	35Eta Oph	2.4300	10200.	76	27734	No

220	GOM_NL__2PRFIN20070620_192937_000000362059_00128_27737_1553.N1	20-JUN-2007 19:29:37	Bright	35.500	102	24Alp Ser	2.6000	4250.0	71	27737	No
221	GOM_NL__2PRFIN20070620_193334_000000362059_00128_27737_1554.N1	20-JUN-2007 19:33:34	Bright	35.500	127	27Bet Her	2.7810	4700.0	71	27737	No
222	GOM_NL__2PRFIN20070620_193517_000000372059_00128_27737_1555.N1	20-JUN-2007 19:35:17	Bright	36.500	67	5Alp CrB	2.2210	11000.	73	27737	No
223	GOM_NL__2PRFIN20070620_194455_000000362059_00128_27737_1556.N1	20-JUN-2007 19:44:55	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	27737	No
224	GOM_NL__2PRFIN20070620_194834_000000372059_00128_27737_1557.N1	20-JUN-2007 19:48:34	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	27737	No
225	GOM_NL__2PRFIN20070620_195306_000000362059_00128_27737_1558.N1	20-JUN-2007 19:53:06	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	27737	No
226	GOM_NL__2PRFIN20070620_200324_000000342059_00128_27737_1559.N1	20-JUN-2007 20:03:24	Bright	33.500	160	23Gam Per	2.9300	4700.0	67	27737	No
227	GOM_NL__2PRFIN20070620_201743_000000492059_00128_27737_1560.N1	20-JUN-2007 20:17:43	Dark	49.000	94	92Alp Cet	2.5260	3100.0	98	27737	No
228	GOM_NL__2PRFIN20070620_203545_000000472059_00128_27737_1561.N1	20-JUN-2007 20:35:45	Dark	47.000	9	Alp Eri	0.45300	24000.	94	27737	No
229	GOM_NL__2PRFIN20070620_204059_000000372059_00129_27738_1559.N1	20-JUN-2007 20:40:59	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	27738	No
230	GOM_NL__2PRFIN20070620_205200_000000382059_00129_27738_1560.N1	20-JUN-2007 20:52:00	Straylight	38.000	141	Bet Ara	2.8400	4600.0	76	27738	No
231	GOM_NL__2PRFIN20070620_205324_000000392059_00129_27738_1561.N1	20-JUN-2007 20:53:24	Straylight	38.500	147	Alp Ara	2.8770	26000.	77	27738	No
232	GOM_NL__2PRFIN20070620_205510_000000412059_00129_27738_1562.N1	20-JUN-2007 20:55:10	Tw_i_and_stray	41.000	40	The Sco	1.8590	7100.0	82	27738	No
233	GOM_NL__2PRFIN20070620_205652_000000412059_00129_27738_1563.N1	20-JUN-2007 20:56:52	Tw_i_and_stray	41.000	25	35Lam Sco	1.6200	28000.	82	27738	No
234	GOM_NL__2PRFIN20070620_205815_000000512059_00129_27738_1564.N1	20-JUN-2007 20:58:15	Bright	50.500	75	26Eps Sco	2.2910	4250.0	101	27738	No
235	GOM_NL__2PRFIN20070620_210058_000000362059_00129_27738_1565.N1	20-JUN-2007 21:00:58	Bright	35.500	156	20Sig Sco	2.9030	28000.	71	27738	No
236	GOM_NL__2PRFIN20070620_210317_000000382059_00129_27738_1566.N1	20-JUN-2007 21:03:17	Bright	38.000	86	35Eta Oph	2.4300	10200.	76	27738	No
237	GOM_NL__2PRFIN20070620_210501_000000362059_00129_27738_1567.N1	20-JUN-2007 21:05:01	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	27738	No
238	GOM_NL__2PRFIN20070620_210707_000000372059_00129_27738_1568.N1	20-JUN-2007 21:07:07	Bright	36.500	120	1Del Oph	2.7340	3200.0	73	27738	No
239	GOM_NL__2PRFIN20070620_211013_000000362059_00129_27738_1569.N1	20-JUN-2007 21:10:13	Bright	35.500	102	24Alp Ser	2.6000	4250.0	71	27738	No
240	GOM_NL__2PRFIN20070620_211410_000000392059_00129_27738_1570.N1	20-JUN-2007 21:14:10	Bright	38.500	127	27Bet Her	2.7810	4700.0	77	27738	No
241	GOM_NL__2PRFIN20070620_211553_000000372059_00129_27738_1571.N1	20-JUN-2007 21:15:53	Bright	36.500	67	5Alp CrB	2.2210	11000.	73	27738	No
242	GOM_NL__2PRFIN20070620_212531_000000372059_00129_27738_1572.N1	20-JUN-2007 21:25:31	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	27738	No
243	GOM_NL__2PRFIN20070620_212910_000000382059_00129_27738_1573.N1	20-JUN-2007 21:29:10	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	27738	No
244	GOM_NL__2PRFIN20070620_213342_000000362059_00129_27738_1574.N1	20-JUN-2007 21:33:42	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	27738	No
245	GOM_NL__2PRFIN20070620_214400_000000372059_00129_27738_1575.N1	20-JUN-2007 21:44:00	Bright	37.000	160	23Gam Per	2.9300	4700.0	74	27738	No
246	GOM_NL__2PRFIN20070620_215819_000000432059_00129_27738_1576.N1	20-JUN-2007 21:58:19	Dark	43.000	94	92Alp Cet	2.5260	3100.0	86	27738	No
247	GOM_NL__2PRFIN20070620_221621_000000532059_00129_27738_1577.N1	20-JUN-2007 22:16:21	Dark	52.500	9	Alp Eri	0.45300	24000.	105	27738	No
248	GOM_NL__2PRFIN20070620_222135_000000382059_00130_27739_1569.N1	20-JUN-2007 22:21:35	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	27739	No
249	GOM_NL__2PRFIN20070620_223236_000000442059_00130_27739_1570.N1	20-JUN-2007 22:32:36	Straylight	44.000	141	Bet Ara	2.8400	4600.0	88	27739	No
250	GOM_NL__2PRFIN20070620_223400_000000382059_00130_27739_1571.N1	20-JUN-2007 22:34:00	Straylight	38.000	147	Alp Ara	2.8770	26000.	76	27739	No
251	GOM_NL__2PRFIN20070620_223546_000000452059_00130_27739_1572.N1	20-JUN-2007 22:35:46	Tw_i_and_stray	44.500	40	The Sco	1.8590	7100.0	89	27739	No
252	GOM_NL__2PRFIN20070620_223728_000000442059_00130_27739_1573.N1	20-JUN-2007 22:37:28	Tw_i_and_stray	43.500	25	35Lam Sco	1.6200	28000.	87	27739	No
253	GOM_NL__2PRFIN20070620_223851_000000412059_00130_27739_1574.N1	20-JUN-2007 22:38:51	Bright	40.500	75	26Eps Sco	2.2910	4250.0	81	27739	No
254	GOM_NL__2PRFIN20070620_224134_000000362059_00130_27739_1575.N1	20-JUN-2007 22:41:34	Bright	35.500	156	20Sig Sco	2.9030	28000.	71	27739	No
255	GOM_NL__2PRFIN20070620_224353_000000382059_00130_27739_1576.N1	20-JUN-2007 22:43:53	Bright	37.500	86	35Eta Oph	2.4300	10200.	75	27739	No
256	GOM_NL__2PRFIN20070620_224537_000000362059_00130_27739_1577.N1	20-JUN-2007 22:45:37	Bright	35.500	98	13Zet Oph	2.5710	30000.	71	27739	No
257	GOM_NL__2PRFIN20070620_224743_000000372059_00130_27739_1578.N1	20-JUN-2007 22:47:43	Bright	36.500	120	1Del Oph	2.7340	3200.0	73	27739	No
258	GOM_NL__2PRFIN20070620_225049_000000342059_00130_27739_1579.N1	20-JUN-2007 22:50:49	Bright	34.000	102	24Alp Ser	2.6000	4250.0	68	27739	No
259	GOM_NL__2PRFIN20070620_225445_000000382059_00130_27739_1580.N1	20-JUN-2007 22:54:45	Bright	37.500	127	27Bet Her	2.7810	4700.0	75	27739	No
260	GOM_NL__2PRFIN20070620_225630_000000352059_00130_27739_1581.N1	20-JUN-2007 22:56:30	Bright	35.000	67	5Alp CrB	2.2210	11000.	70	27739	No
261	GOM_NL__2PRFIN20070620_230606_000000362059_00130_27739_1582.N1	20-JUN-2007 23:06:06	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	27739	No
262	GOM_NL__2PRFIN20070620_230946_000000342059_00130_27739_1583.N1	20-JUN-2007 23:09:46	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	27739	No
263	GOM_NL__2PRFIN20070620_231418_000000322059_00130_27739_1584.N1	20-JUN-2007 23:14:18	Bright	32.000	49	1Alp UMi	1.9900	6300.0	64	27739	No
264	GOM_NL__2PRFIN20070620_232436_000000532059_00130_27739_1585.N1	20-JUN-2007 23:24:36	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	27739	No
265	GOM_NL__2PRFIN20070620_233856_000000422059_00130_27739_1586.N1	20-JUN-2007 23:38:56	Dark	41.500	94	92Alp Cet	2.5260	3100.0	83	27739	No
266	GOM_NL__2PRFIN20070620_235657_000000402059_00130_27739_1587.N1	20-JUN-2007 23:56:57	Dark	39.500	9	Alp Eri	0.45300	24000.	79	27739	No

3. Quality information per product

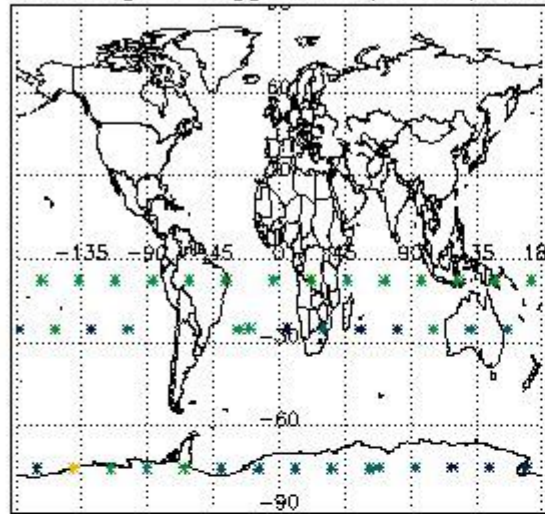
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

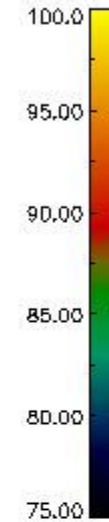
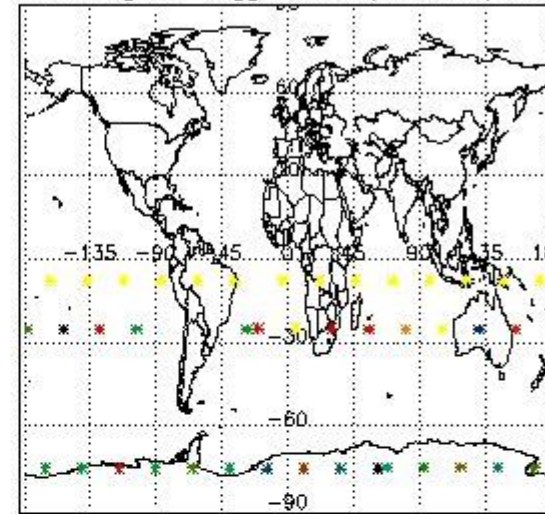


3.2 Plot quality information per product (world map)

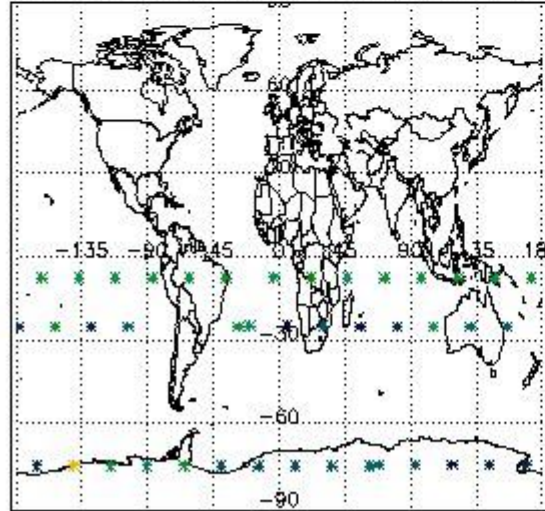
Percentage of flagged data per O3 profile



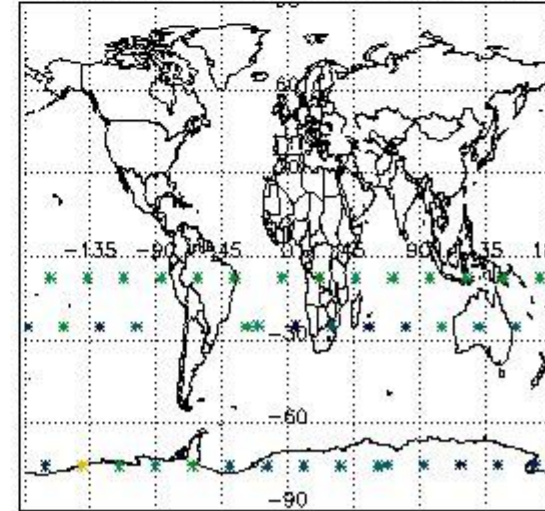
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

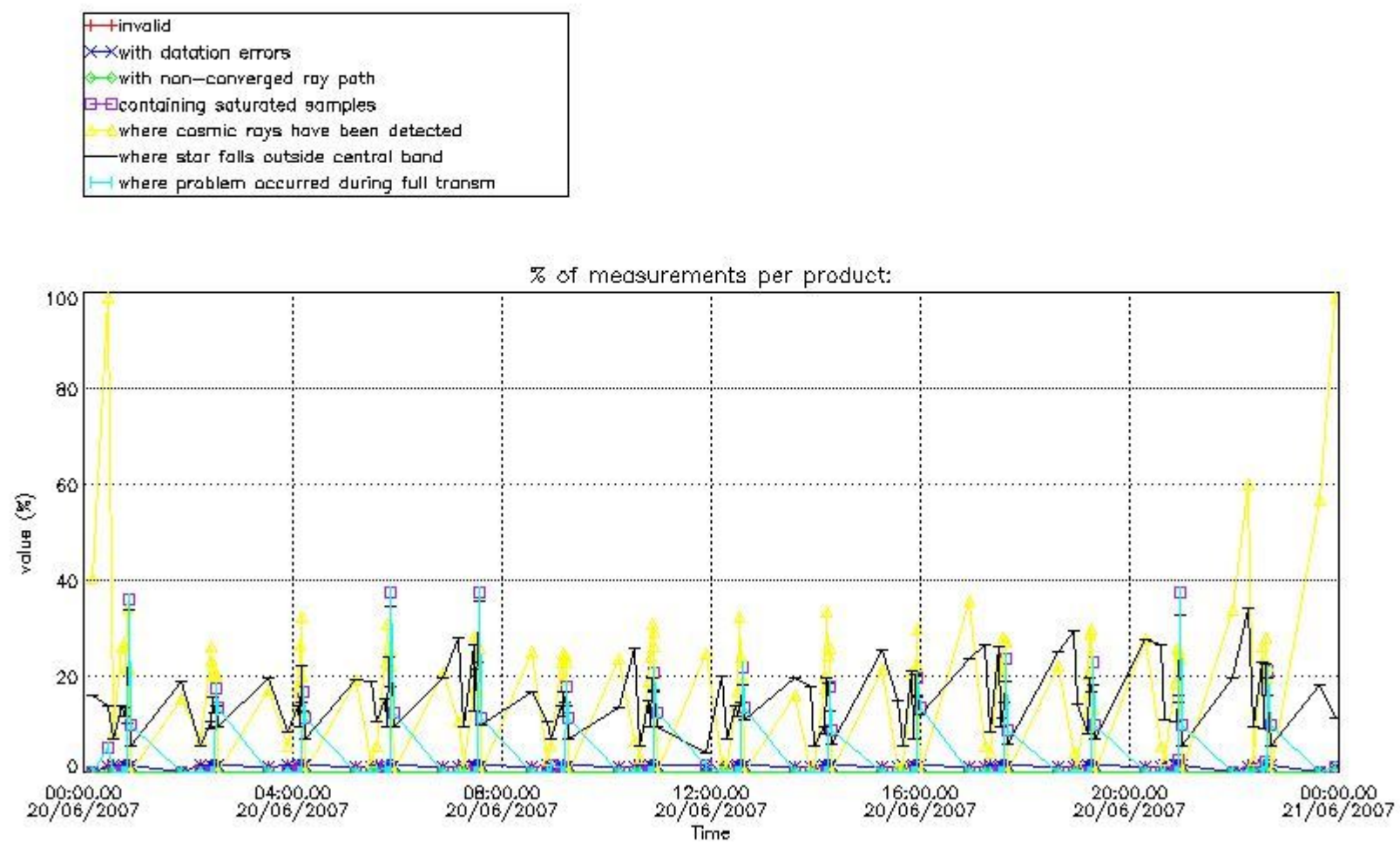


4. Level 1 quality information per product

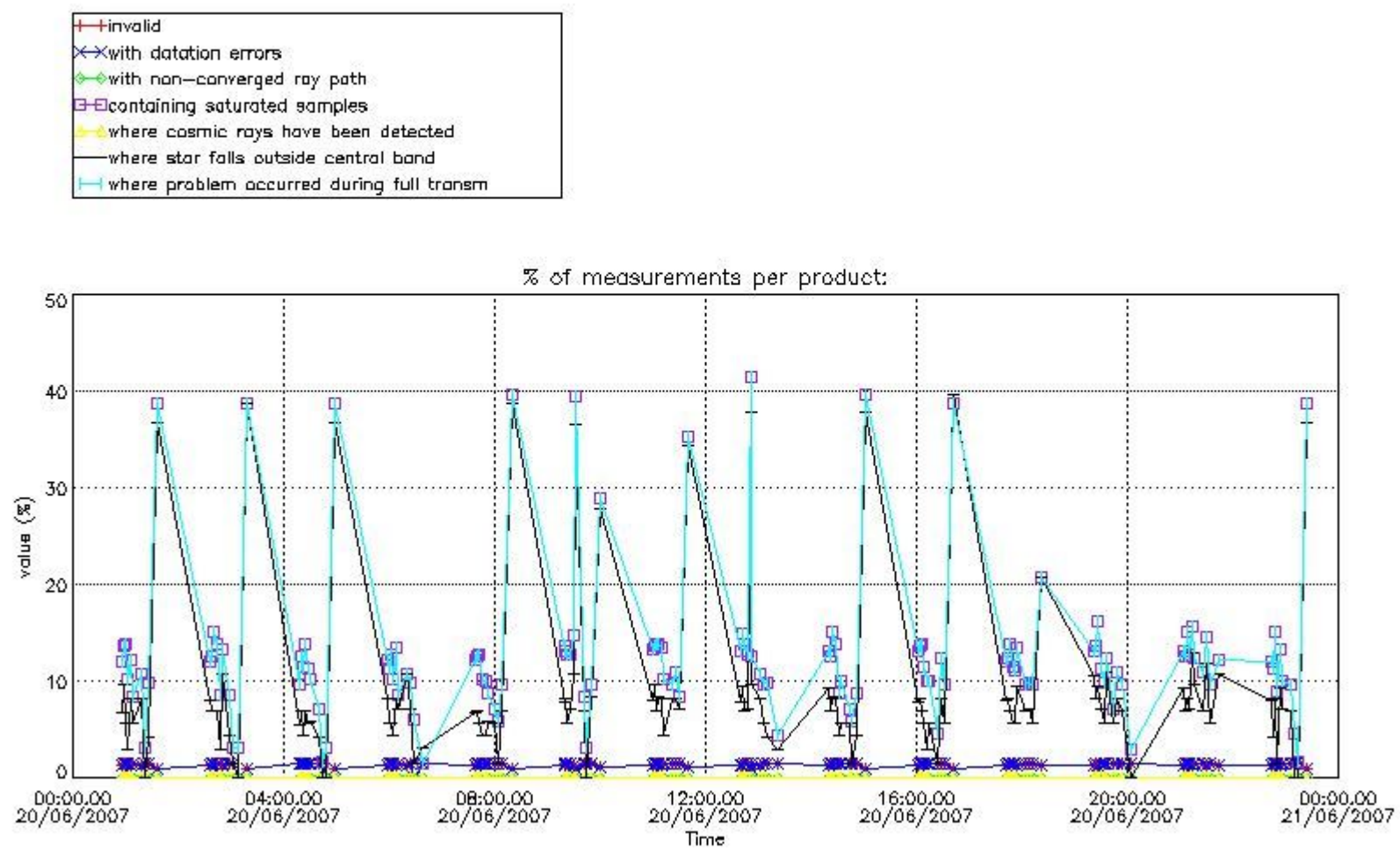
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

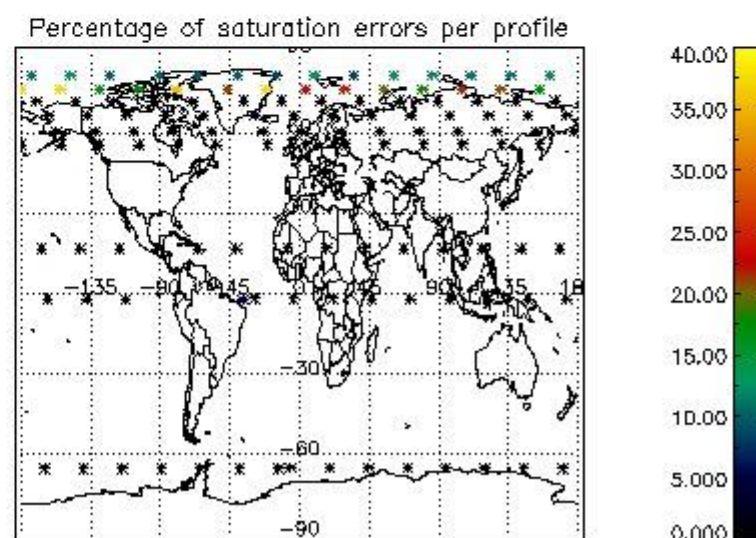
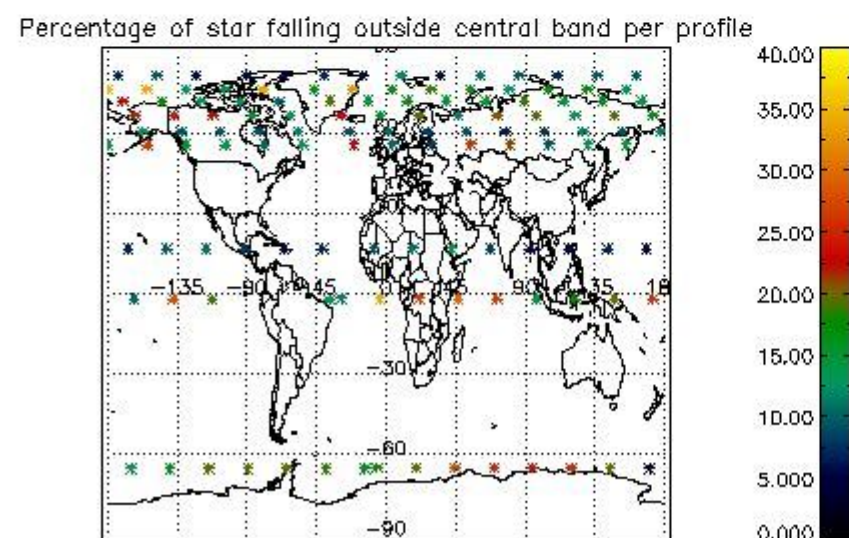
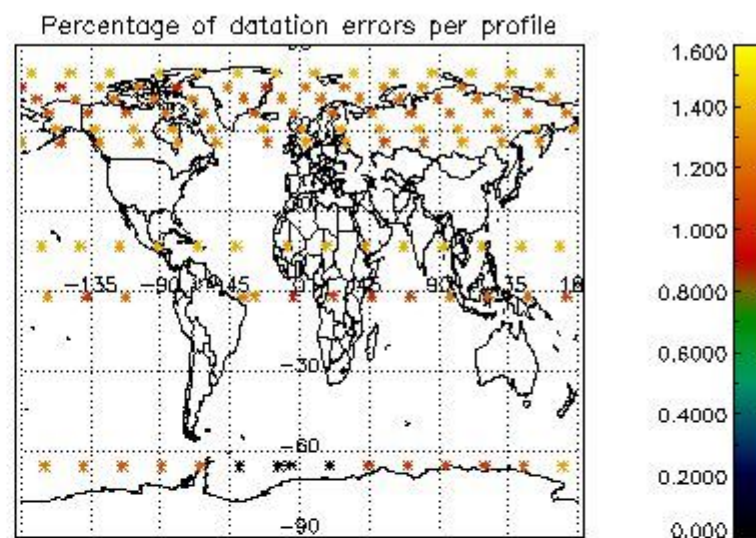
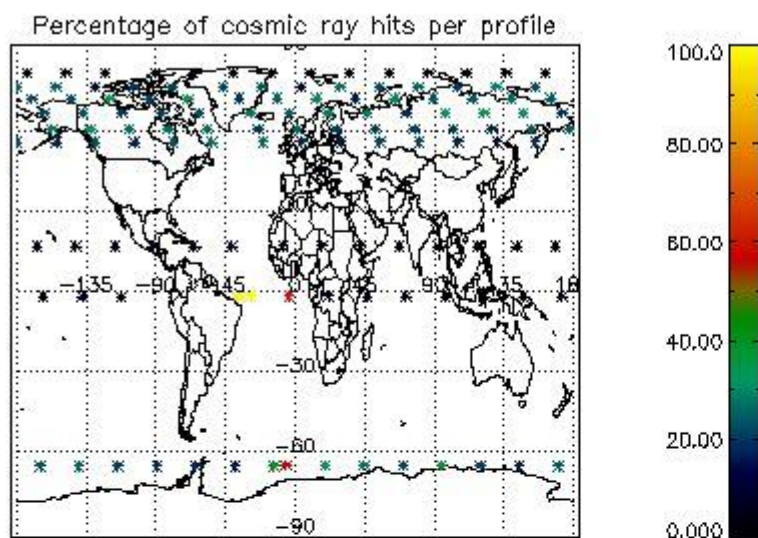


4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes

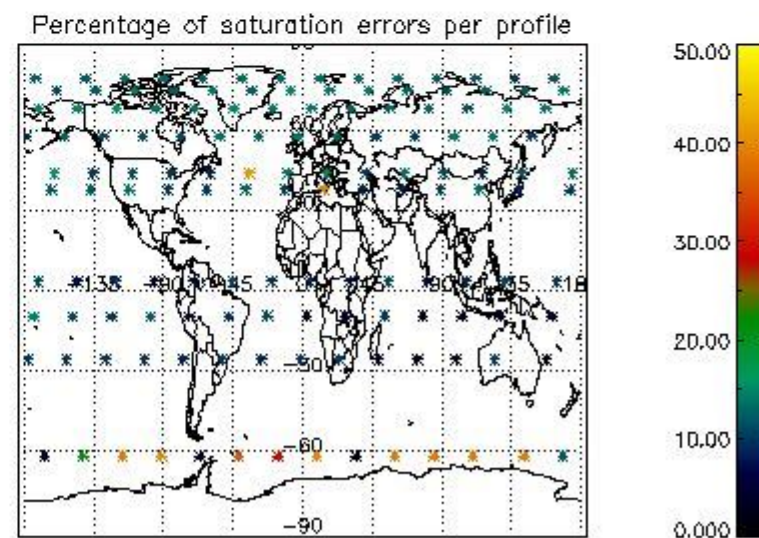
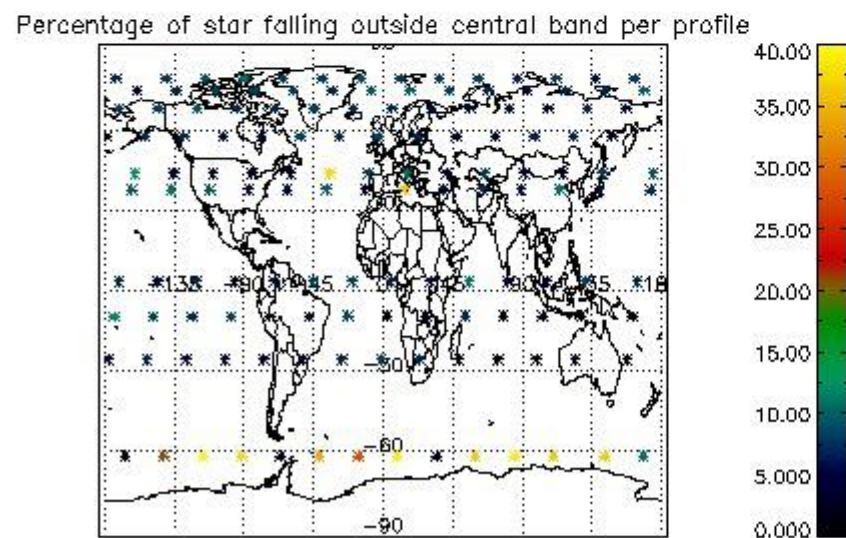
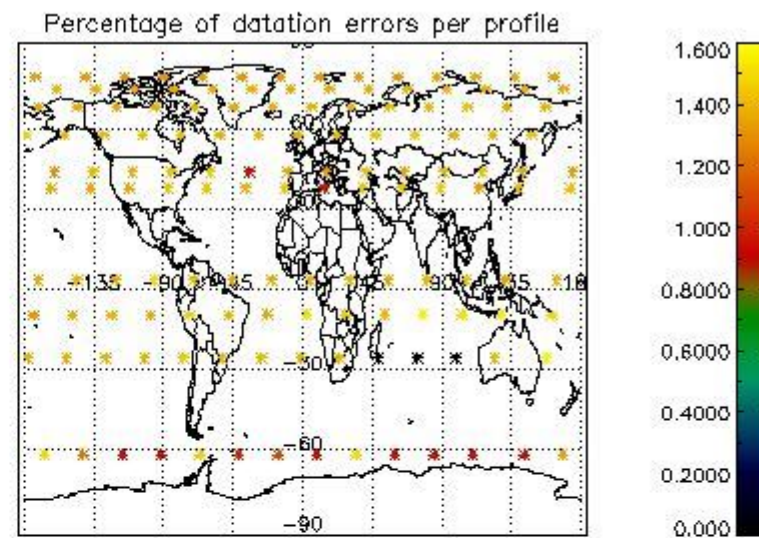
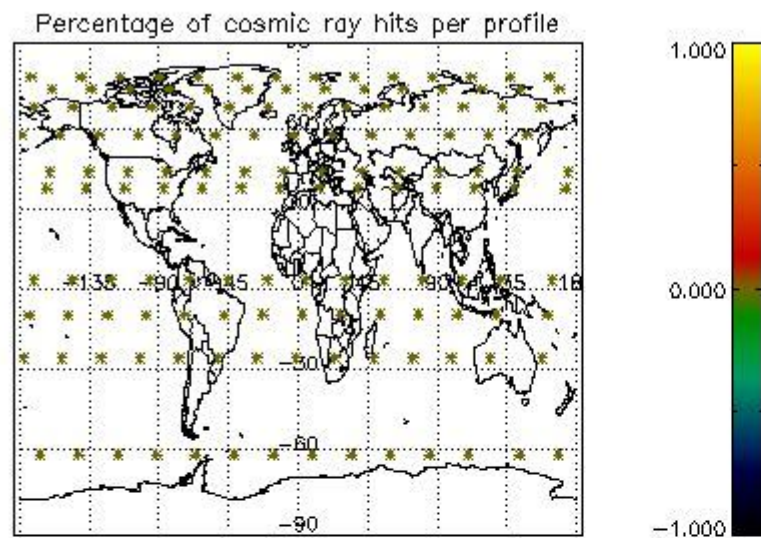


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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

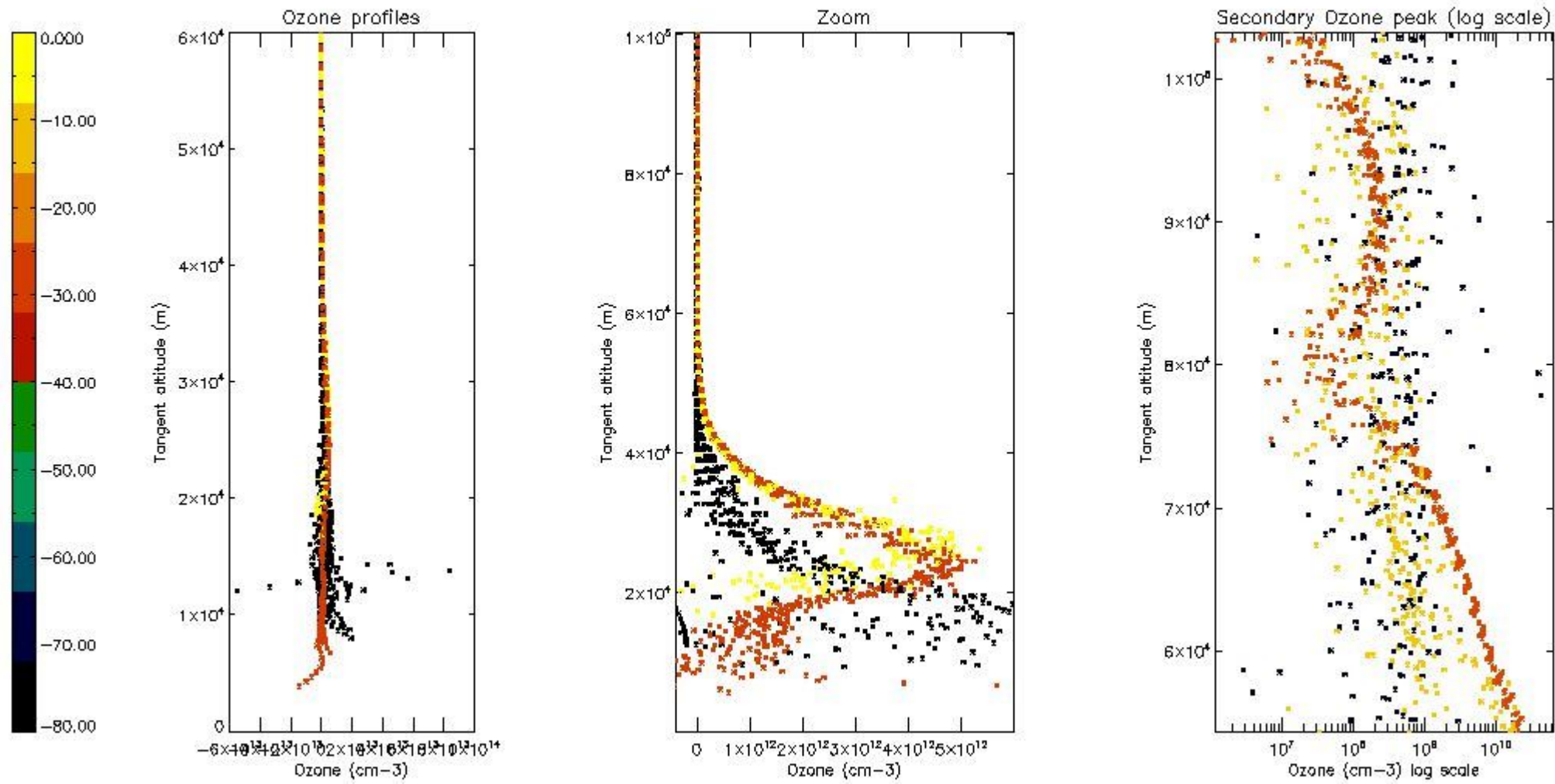
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	17
STD < 20	7

STD < 10	5
STD < 5	3

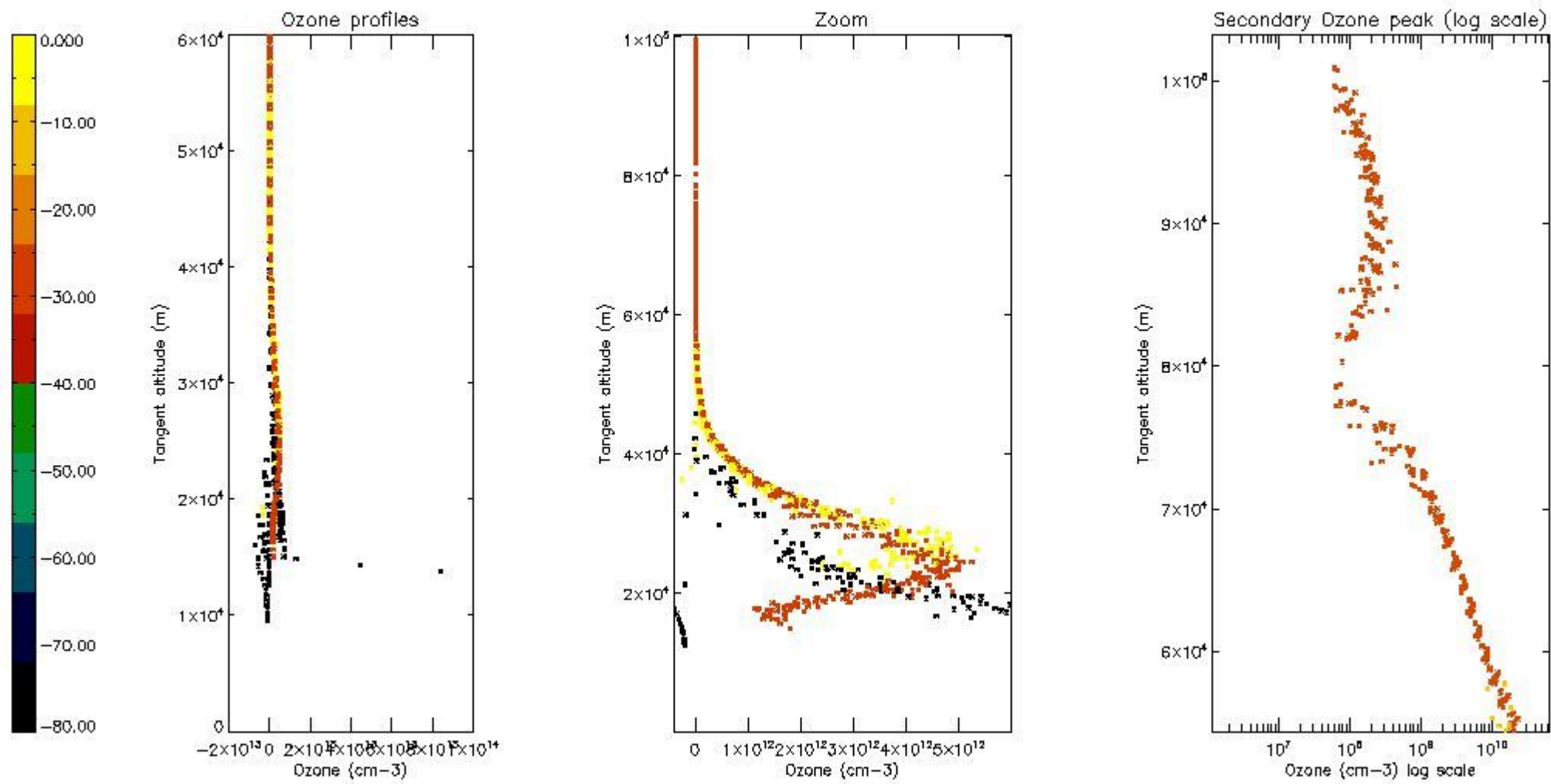
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



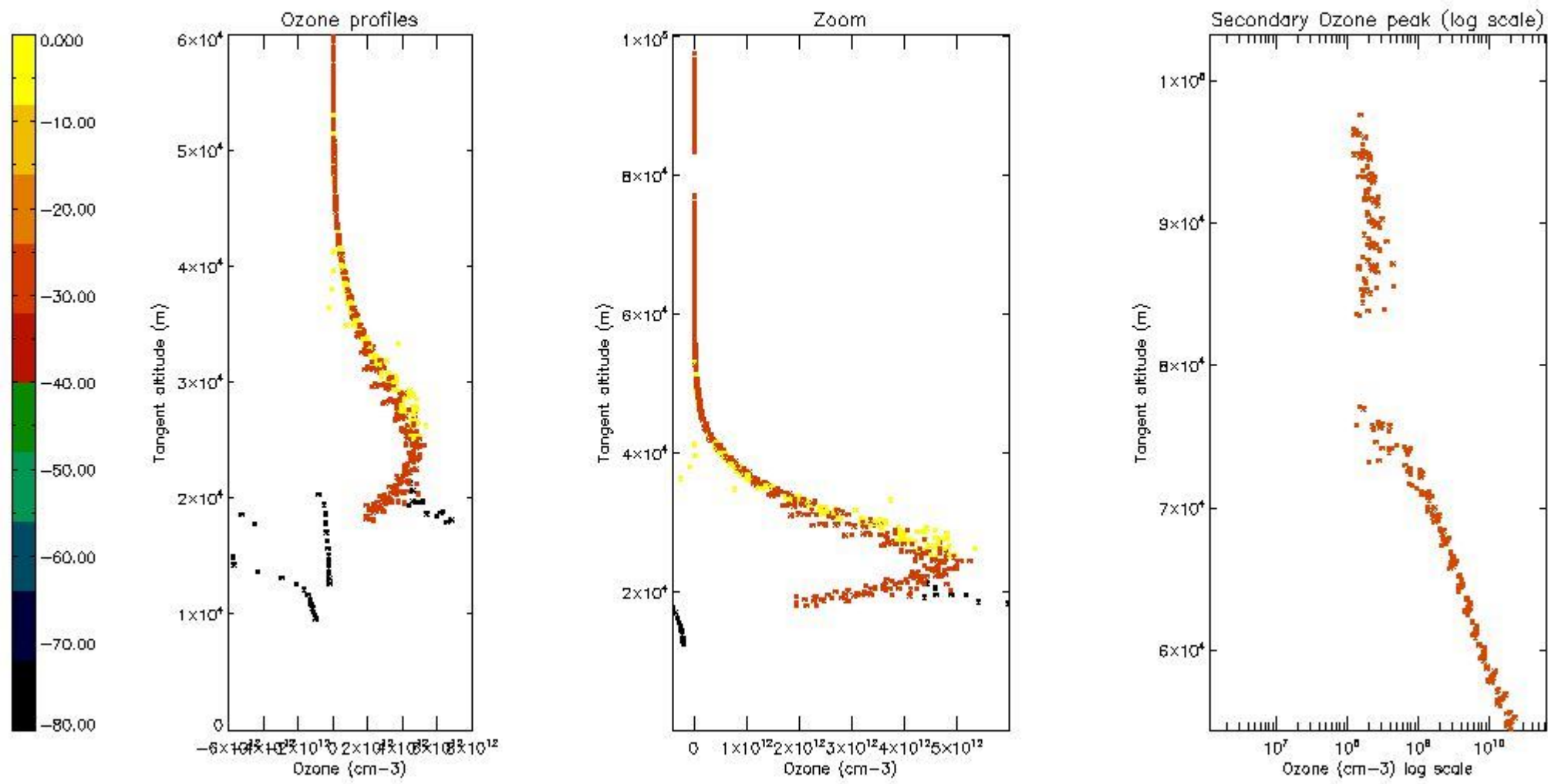
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



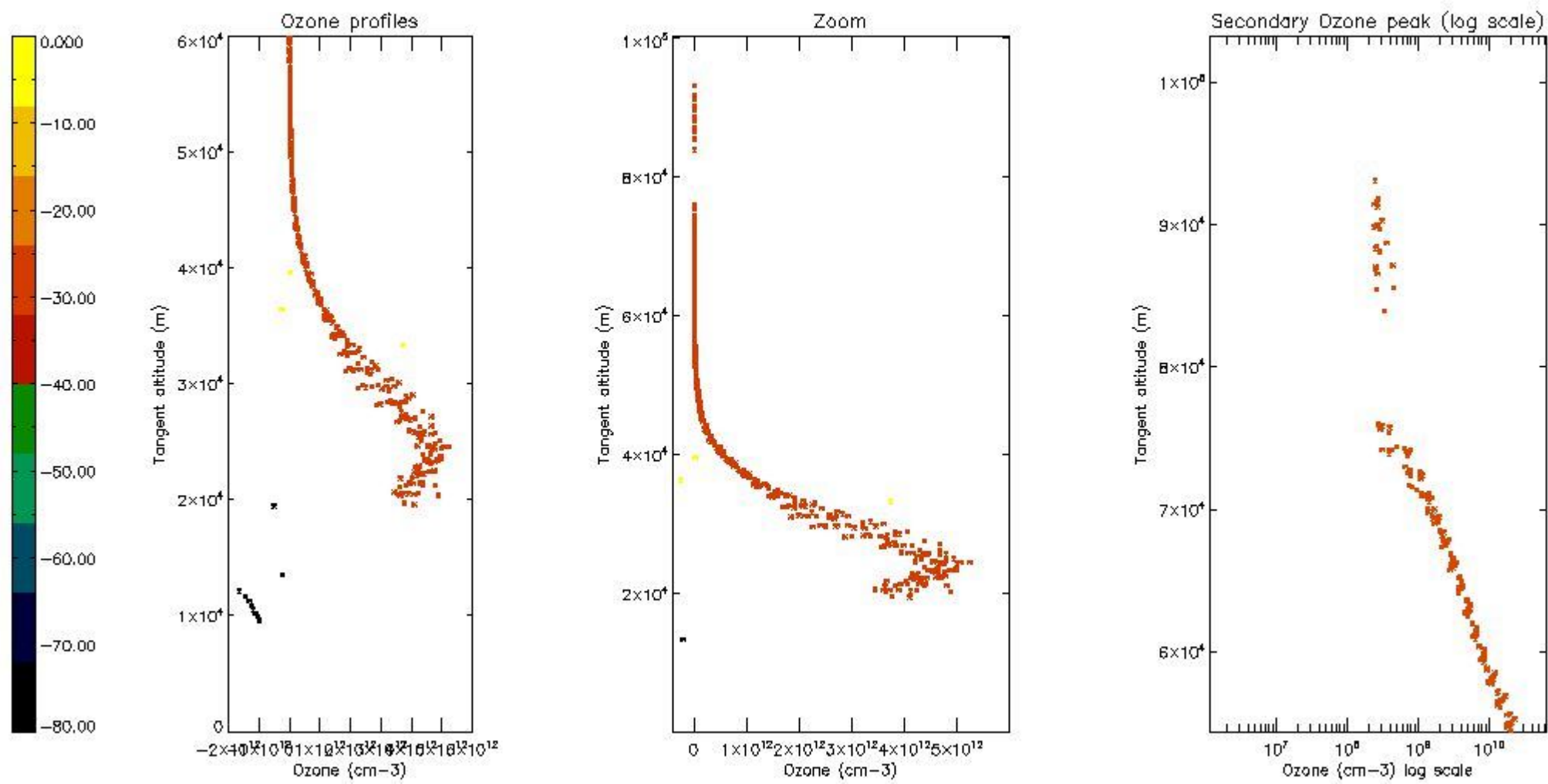
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



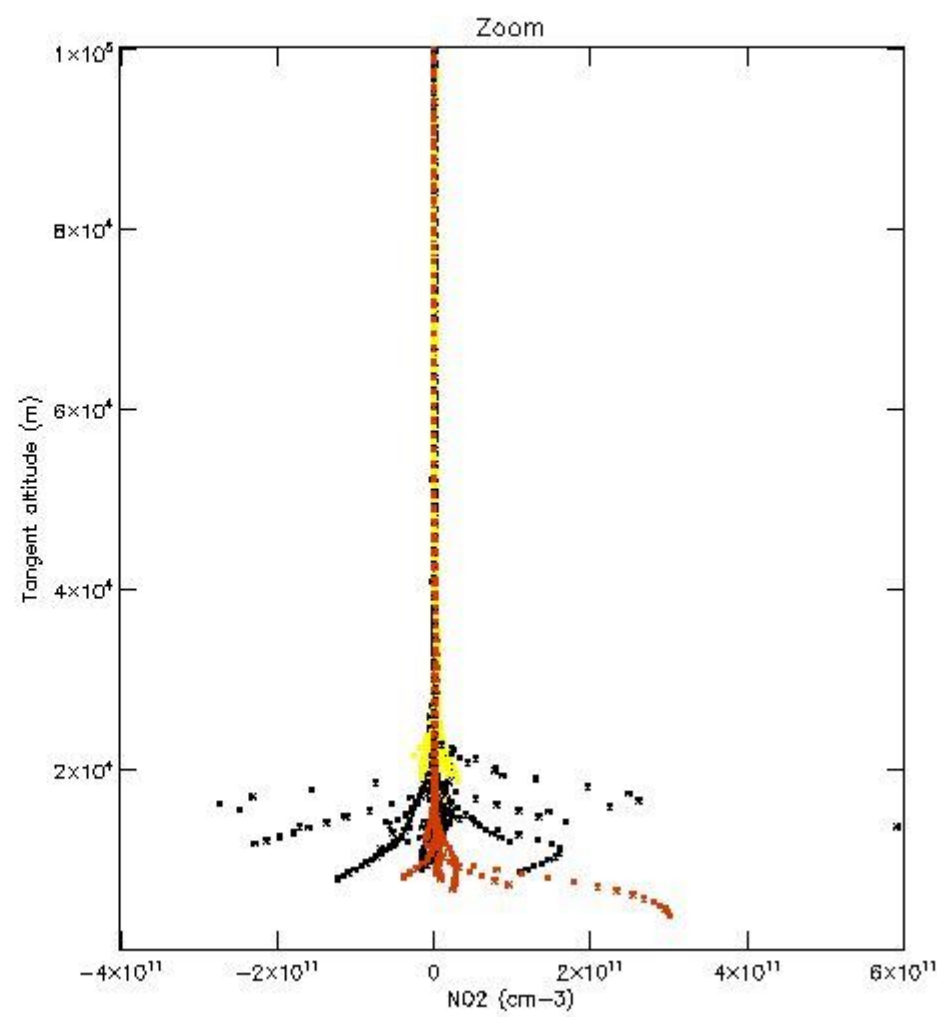
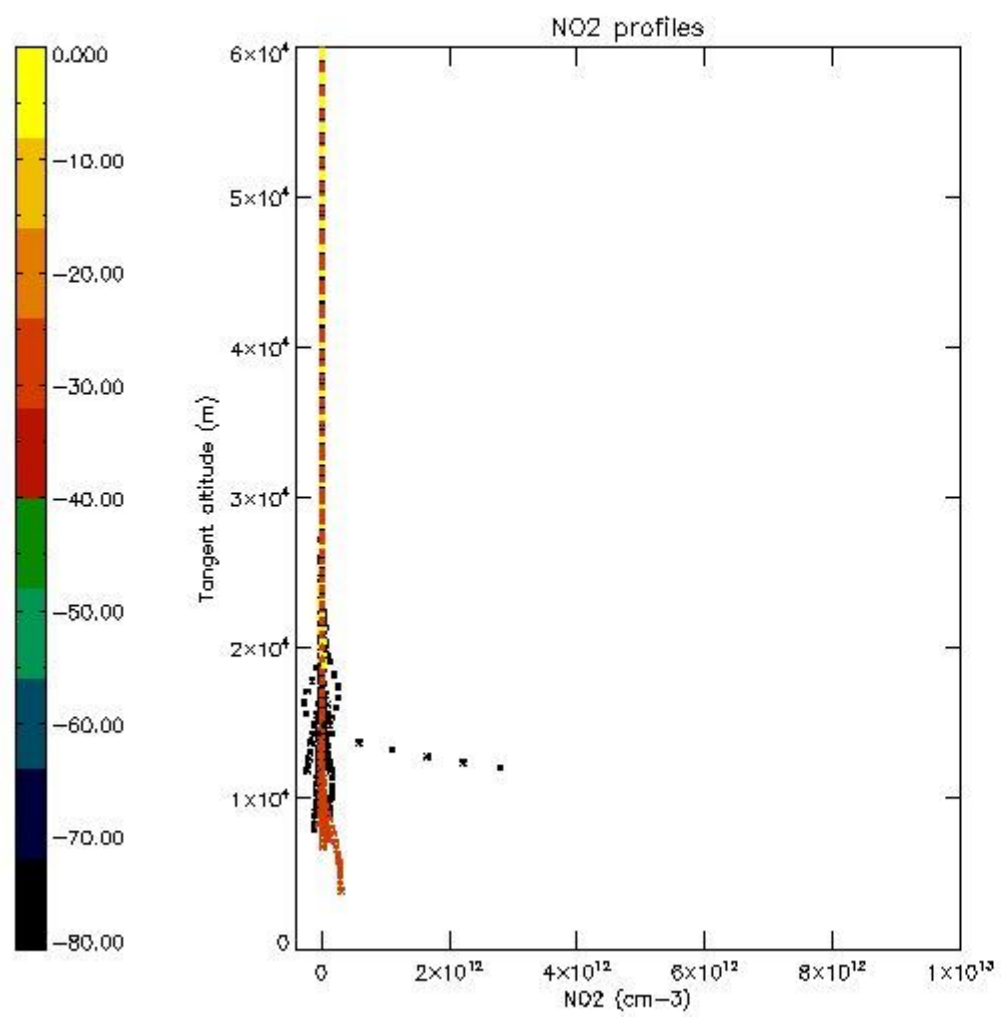
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



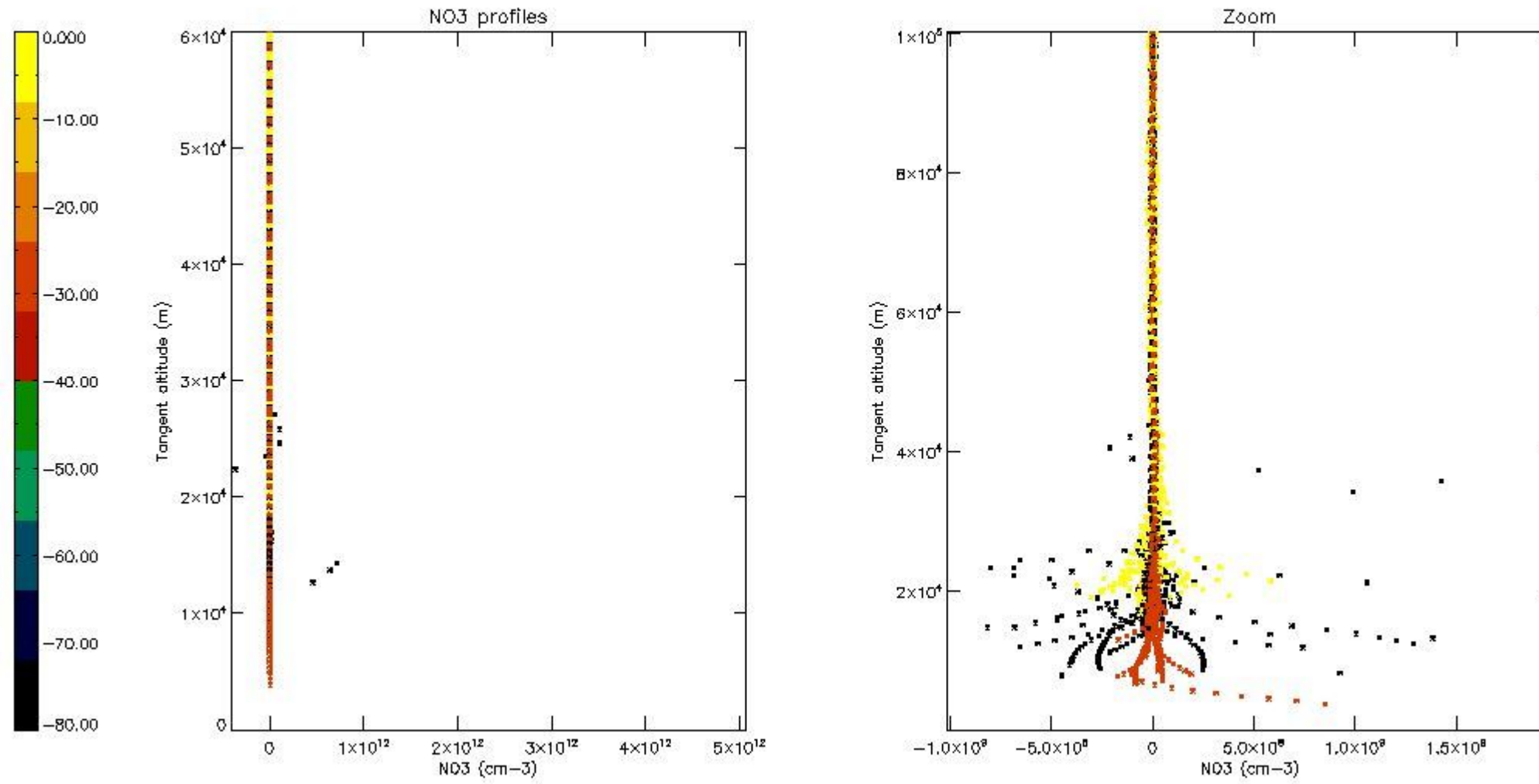
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

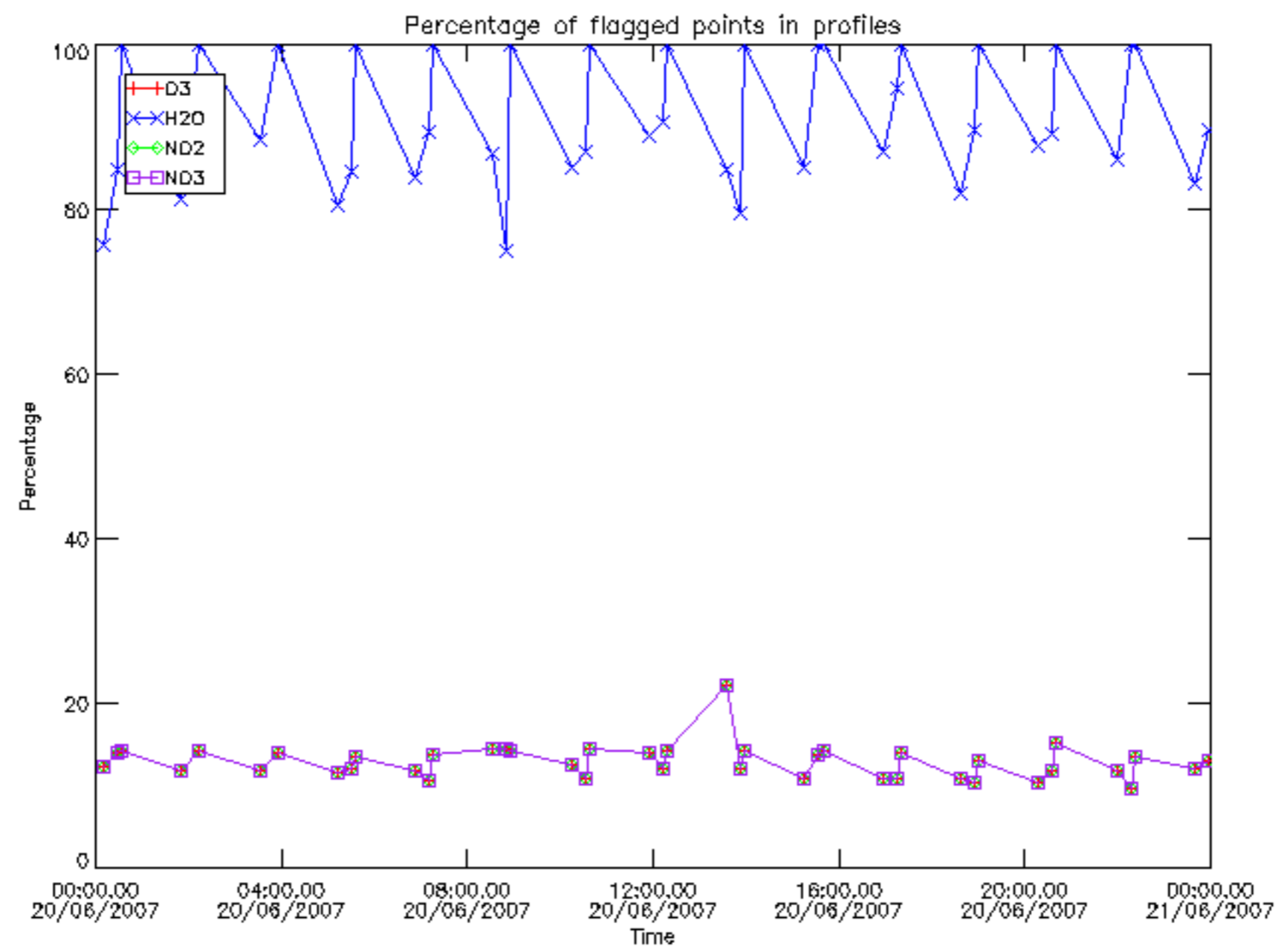
The colorbar represents the latitude.



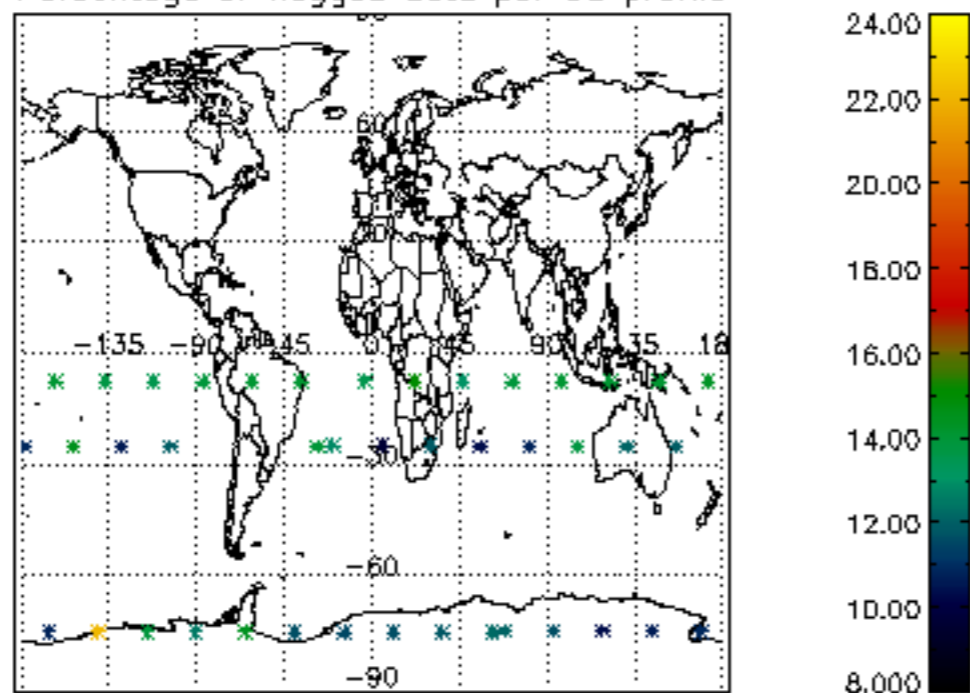
6. Auxiliary Data Files used for the production reported in section 2

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

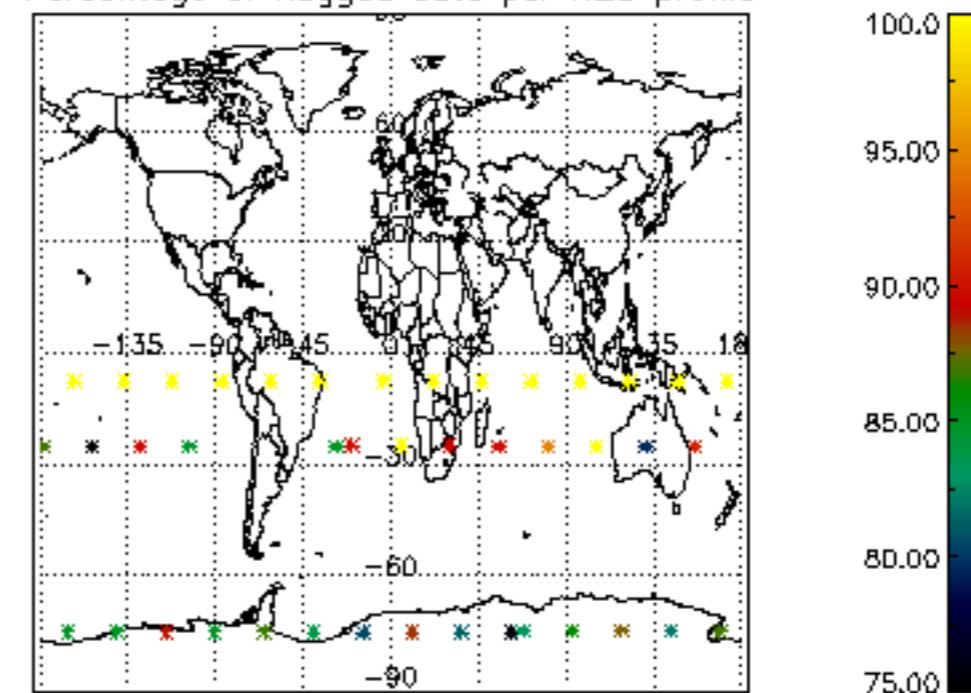
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	20-JUN-2007 00:10:29
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	20-JUN-2007 00:10:29
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	20-JUN-2007 00:10:29



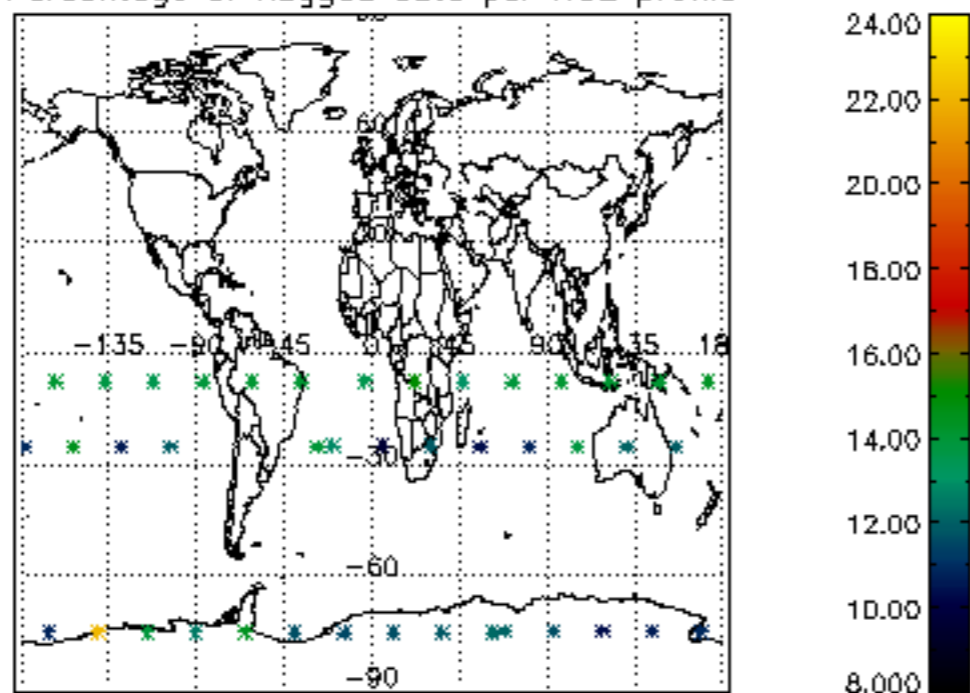
Percentage of flagged data per D3 profile



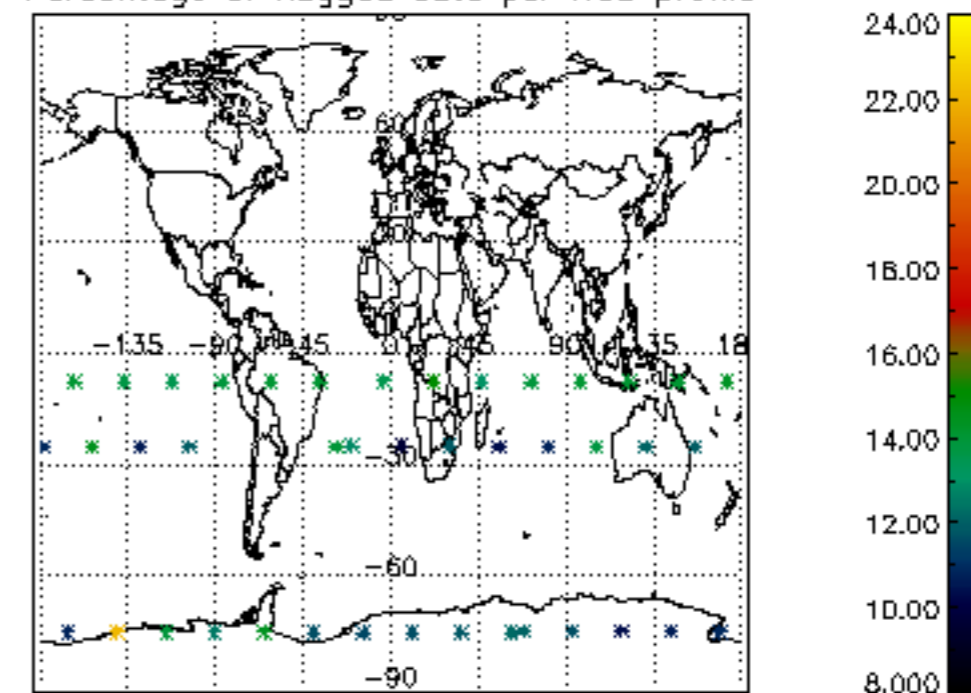
Percentage of flagged data per H2O profile

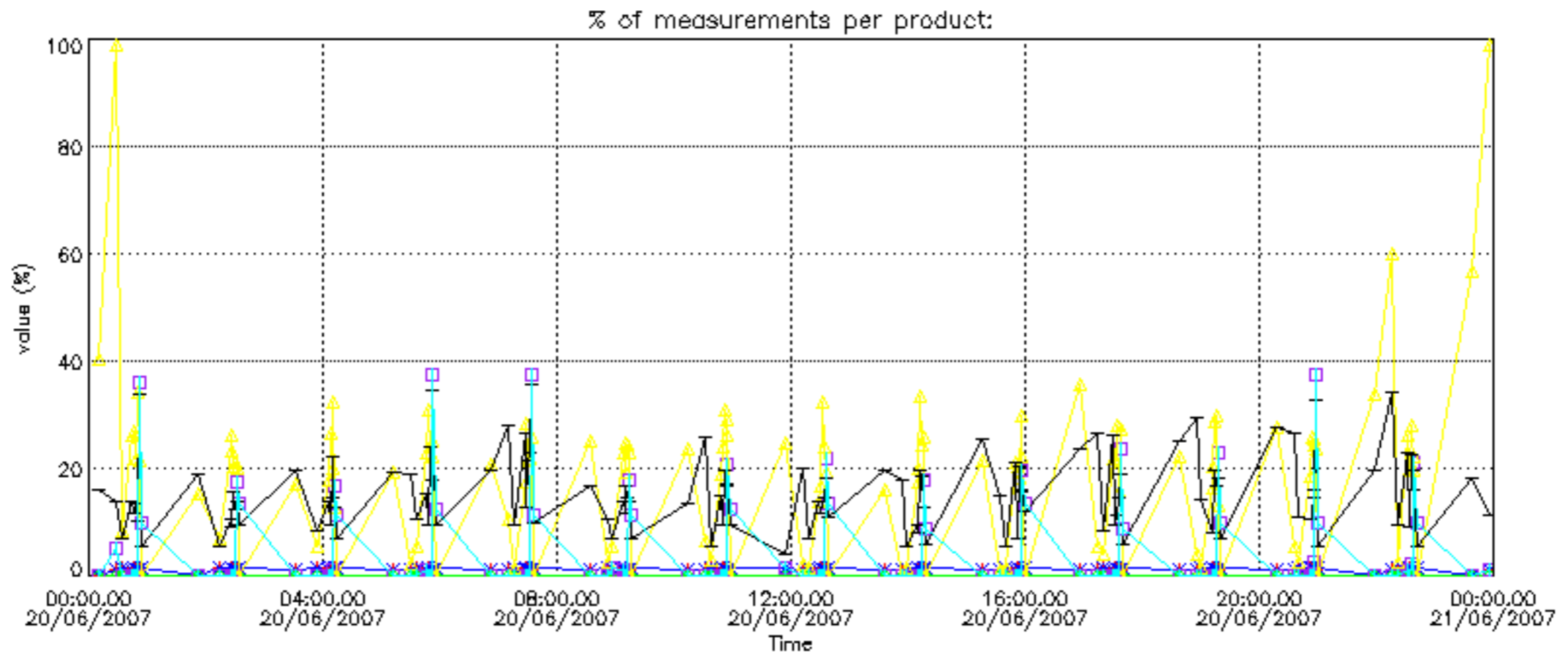


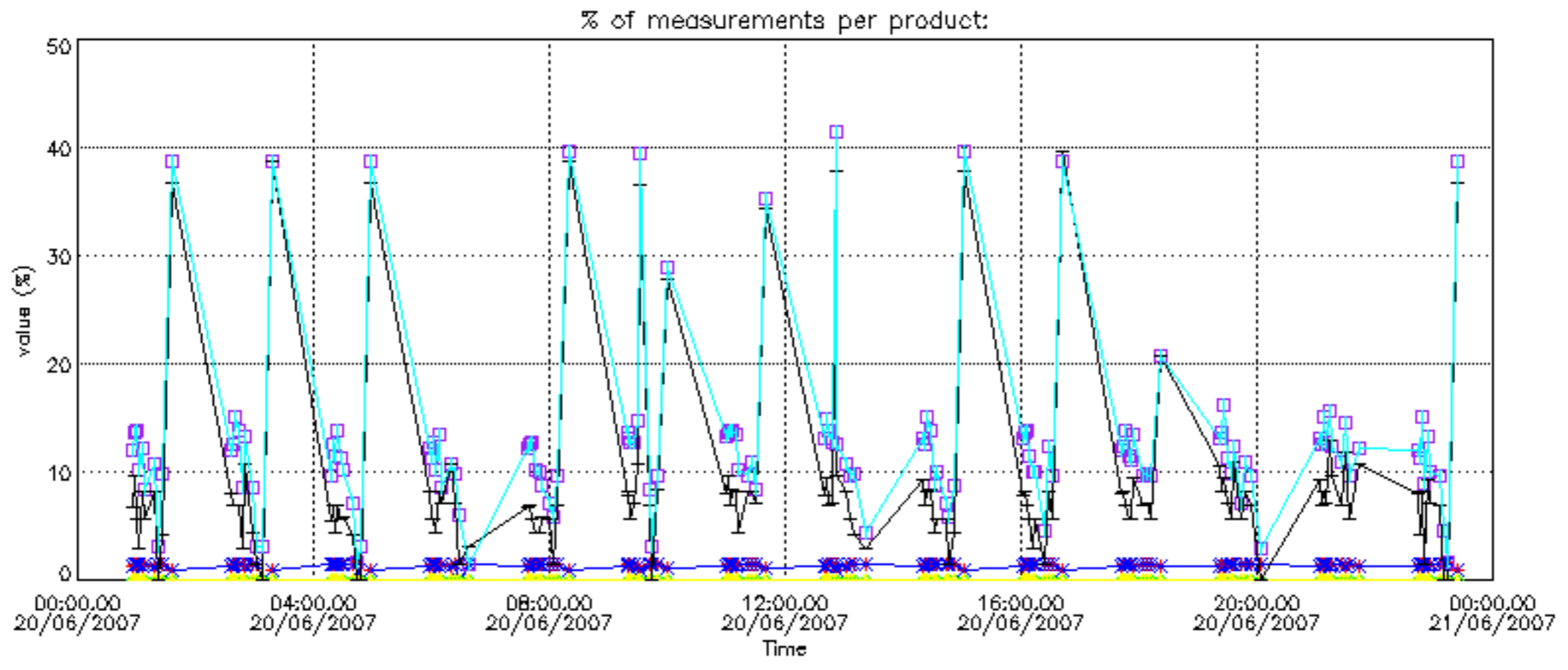
Percentage of flagged data per NO2 profile



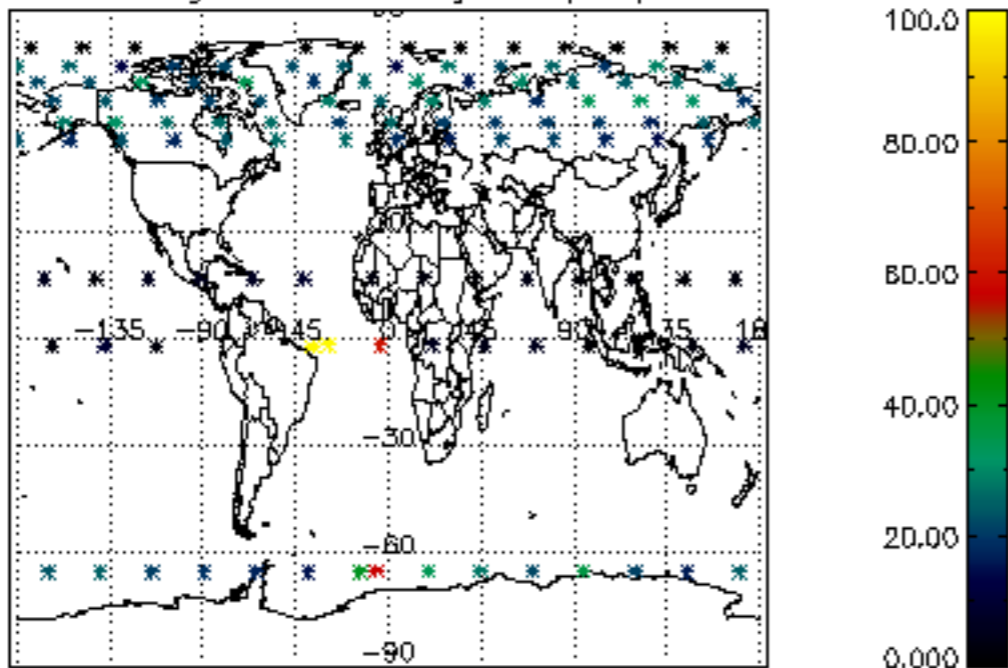
Percentage of flagged data per NO3 profile



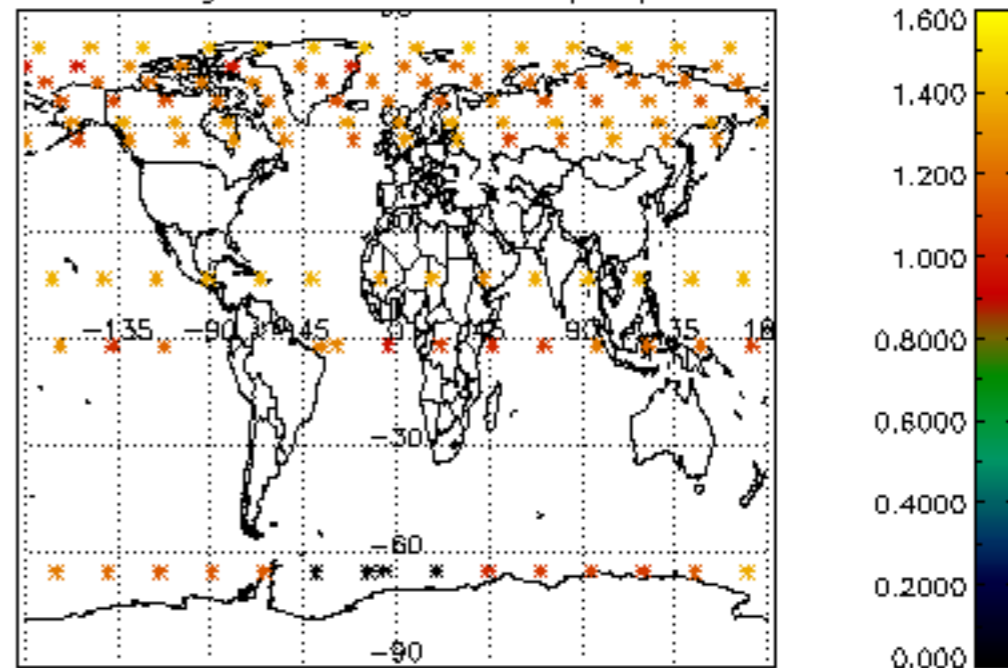




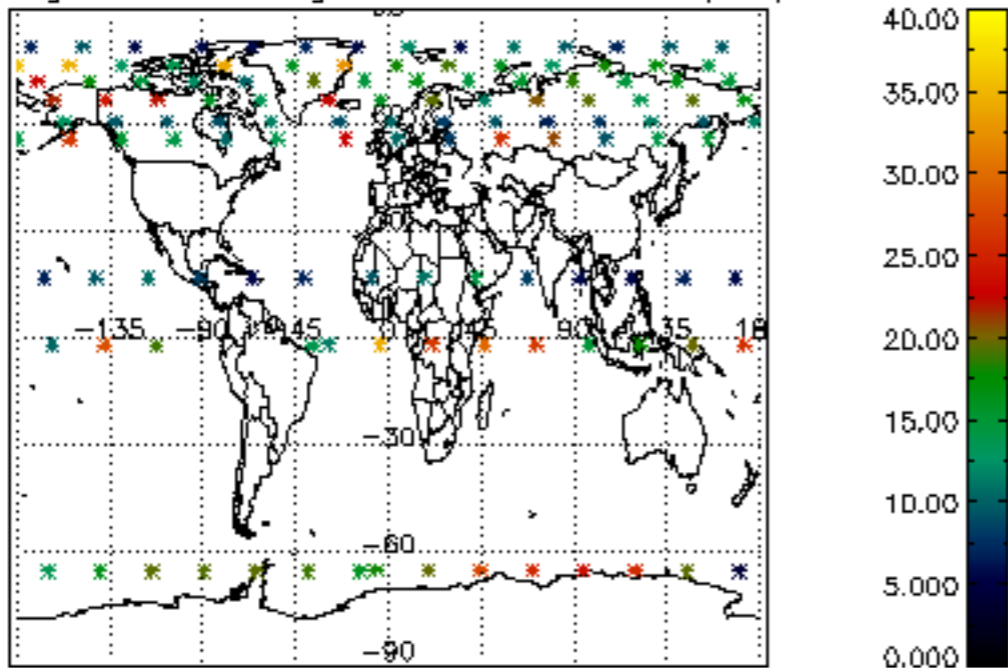
Percentage of cosmic ray hits per profile



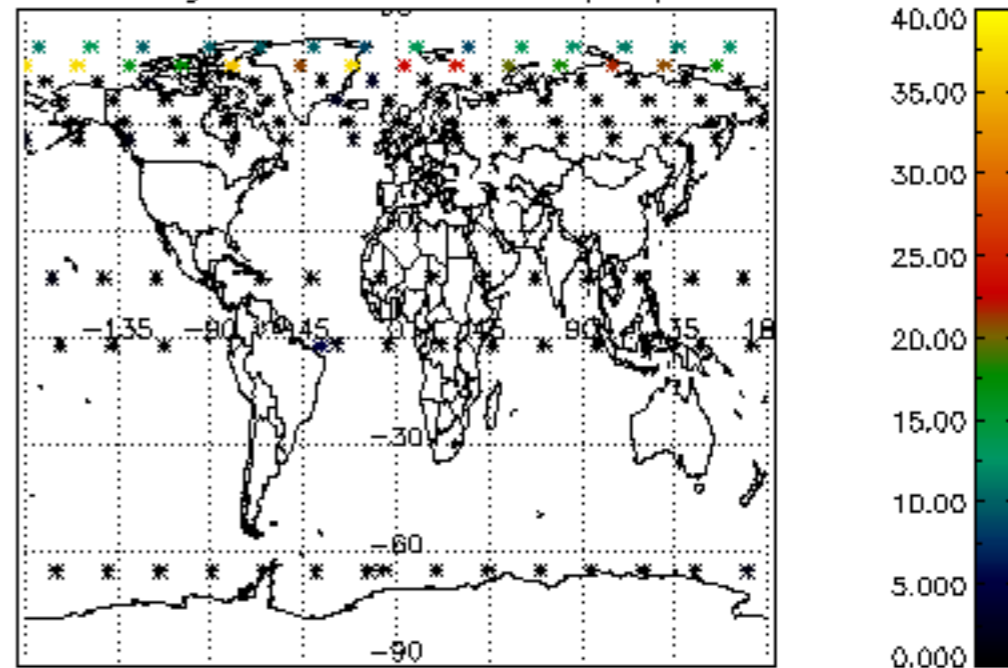
Percentage of datation errors per profile



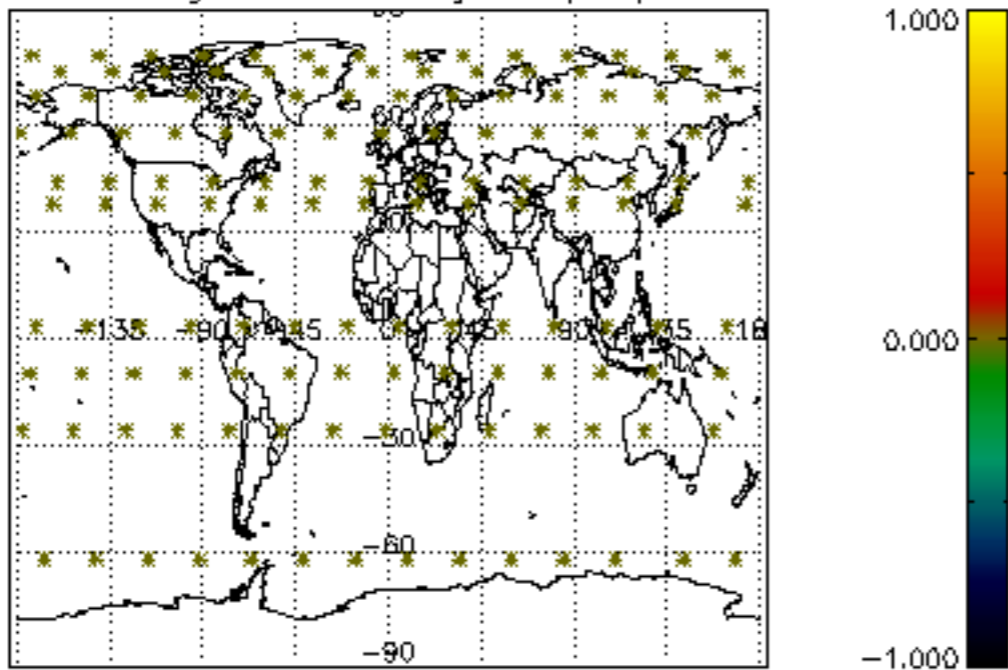
Percentage of star falling outside central band per profile



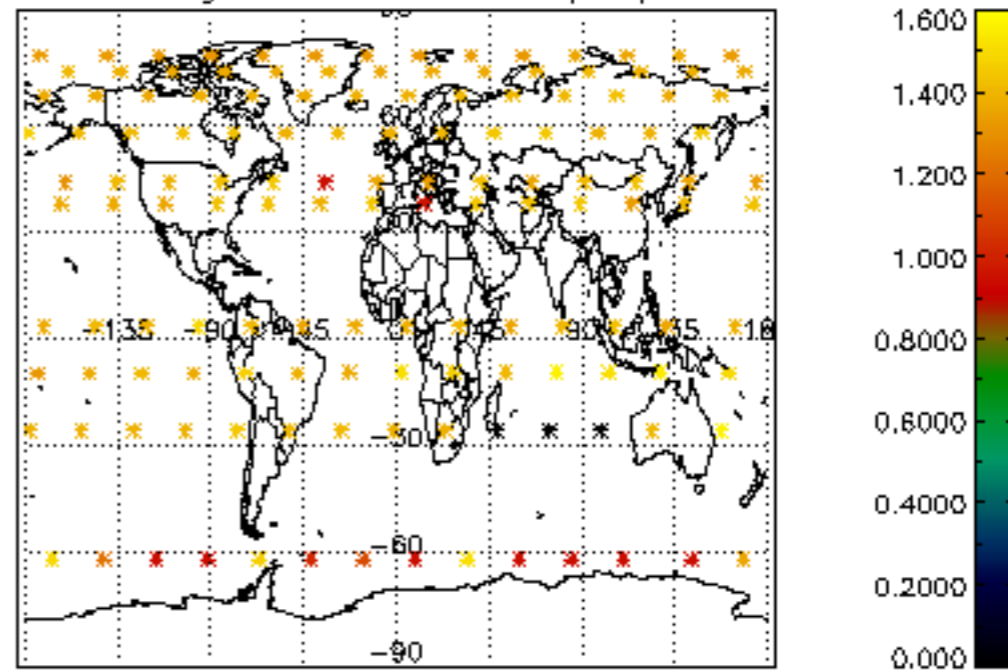
Percentage of saturation errors per profile



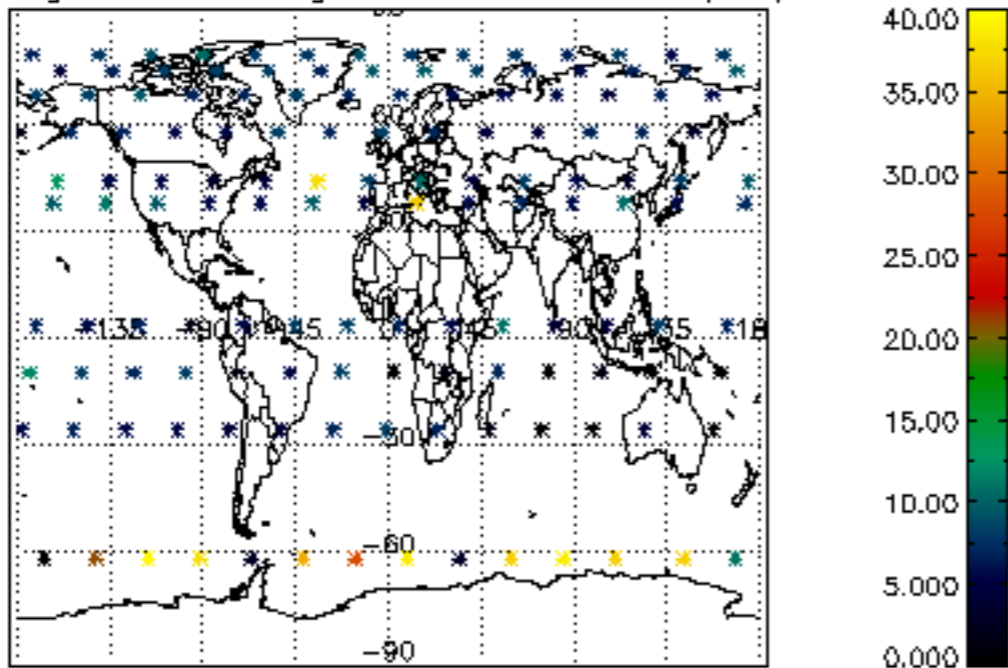
Percentage of cosmic ray hits per profile



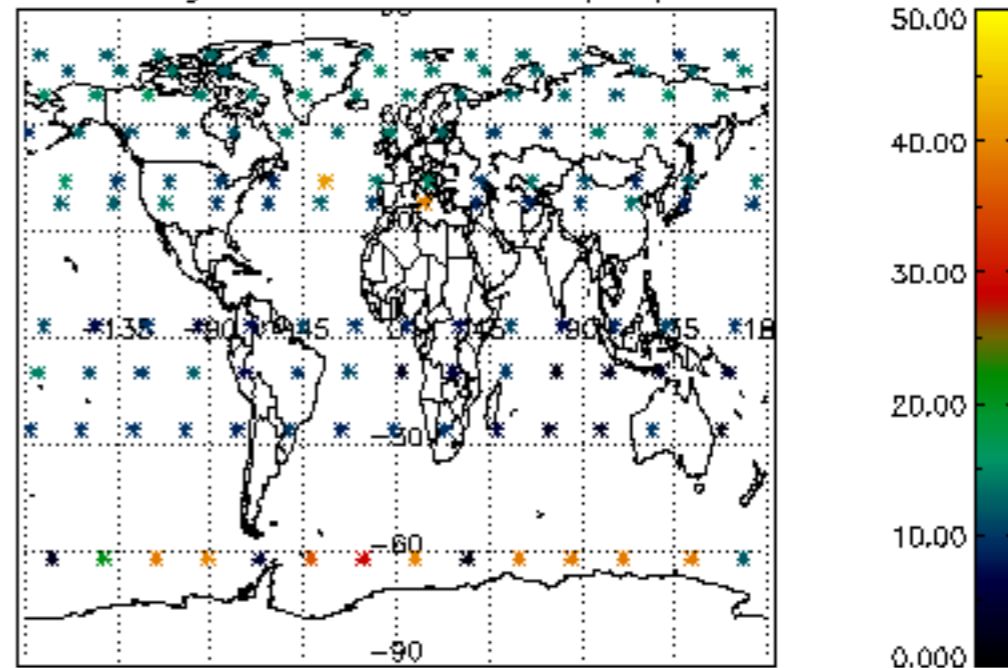
Percentage of datation errors per profile

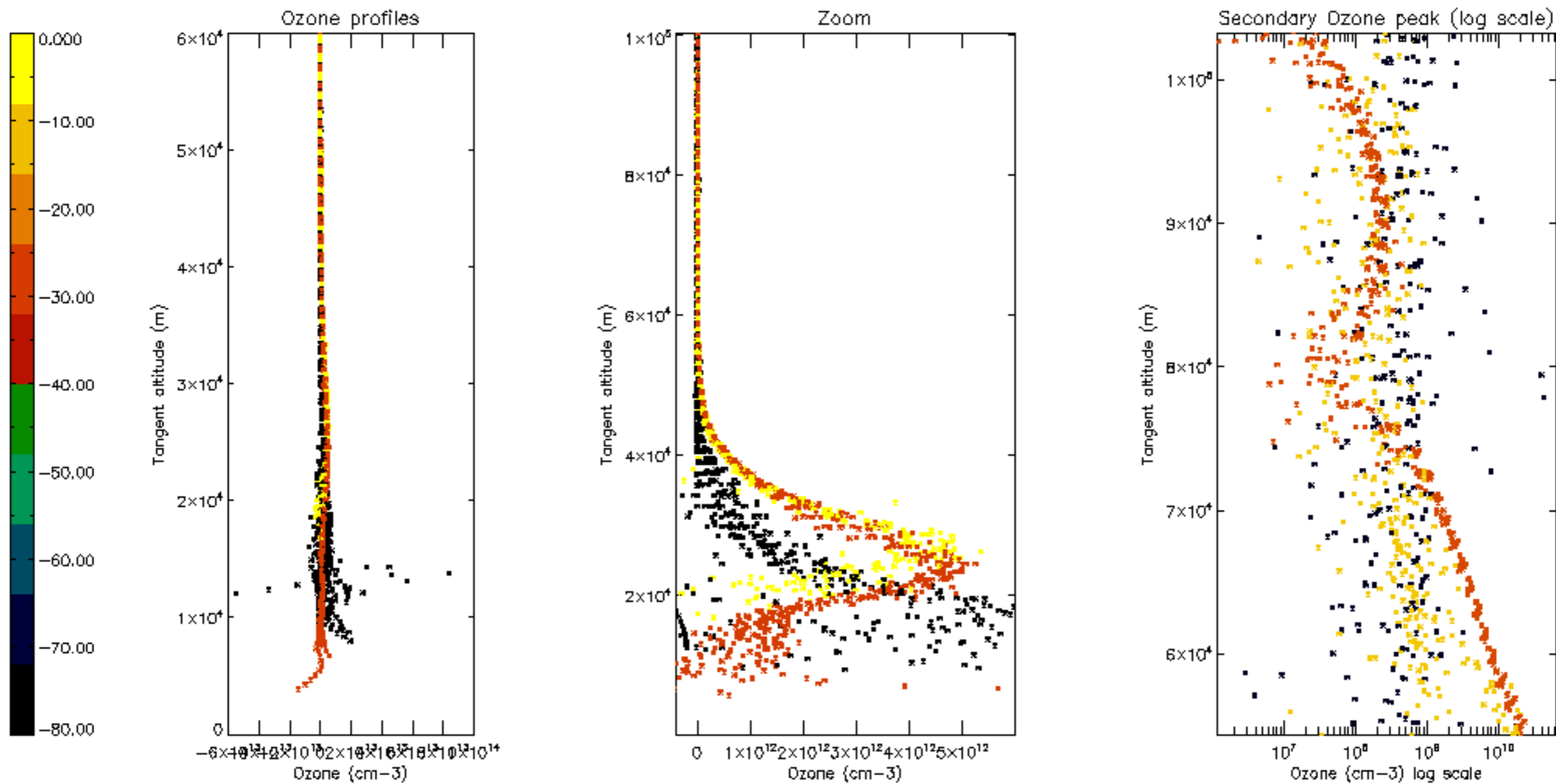


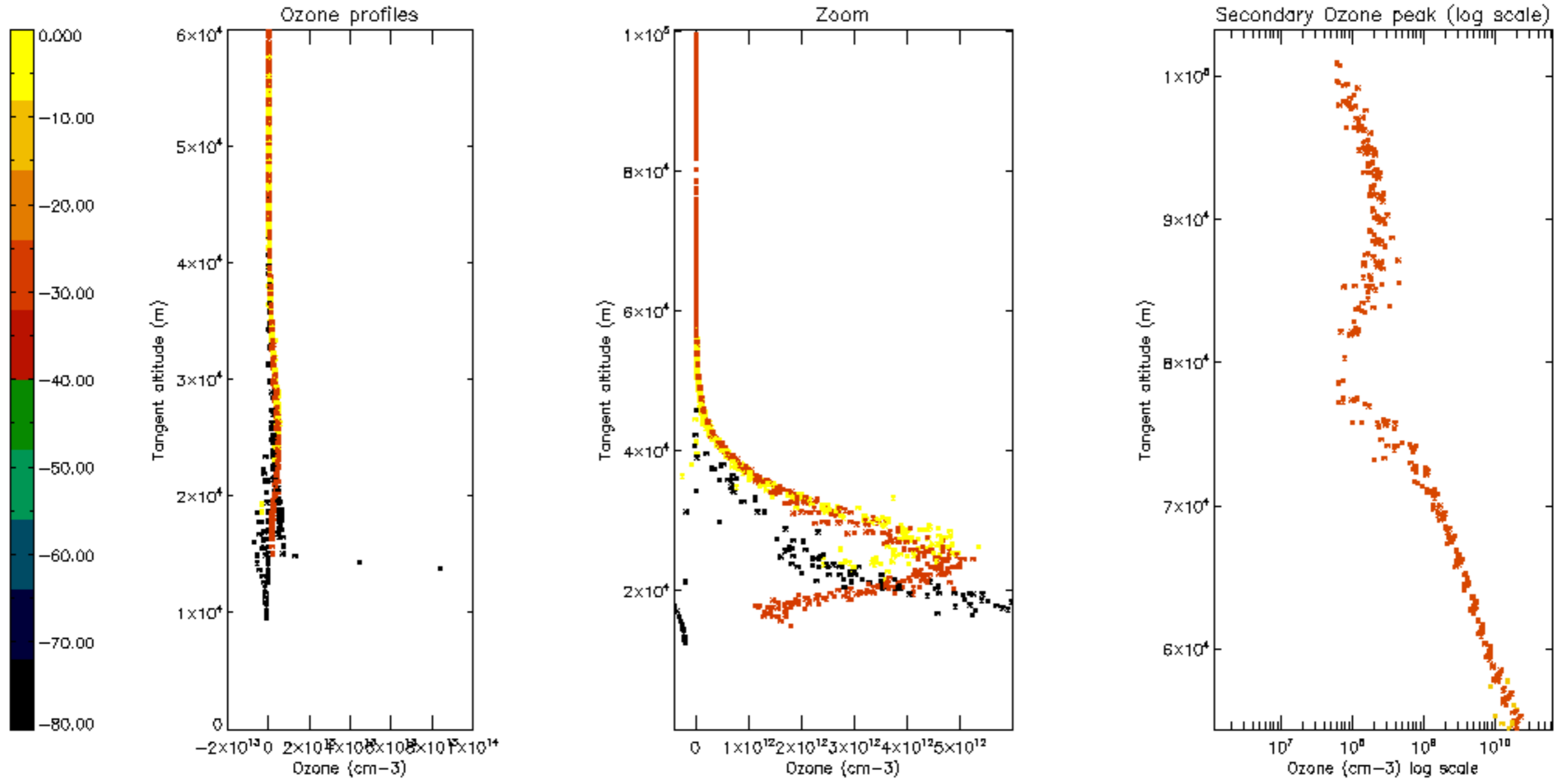
Percentage of star falling outside central band per profile

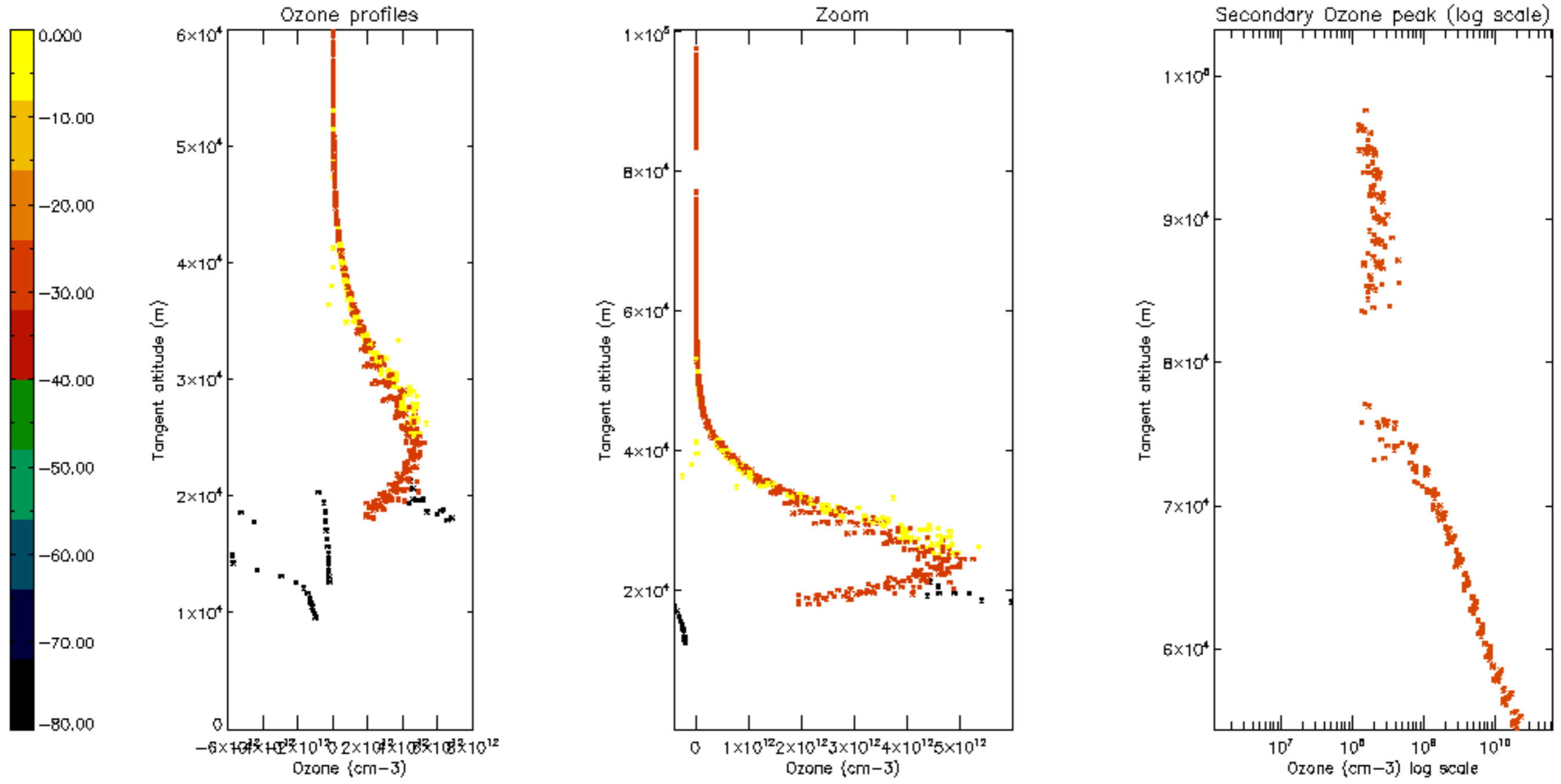


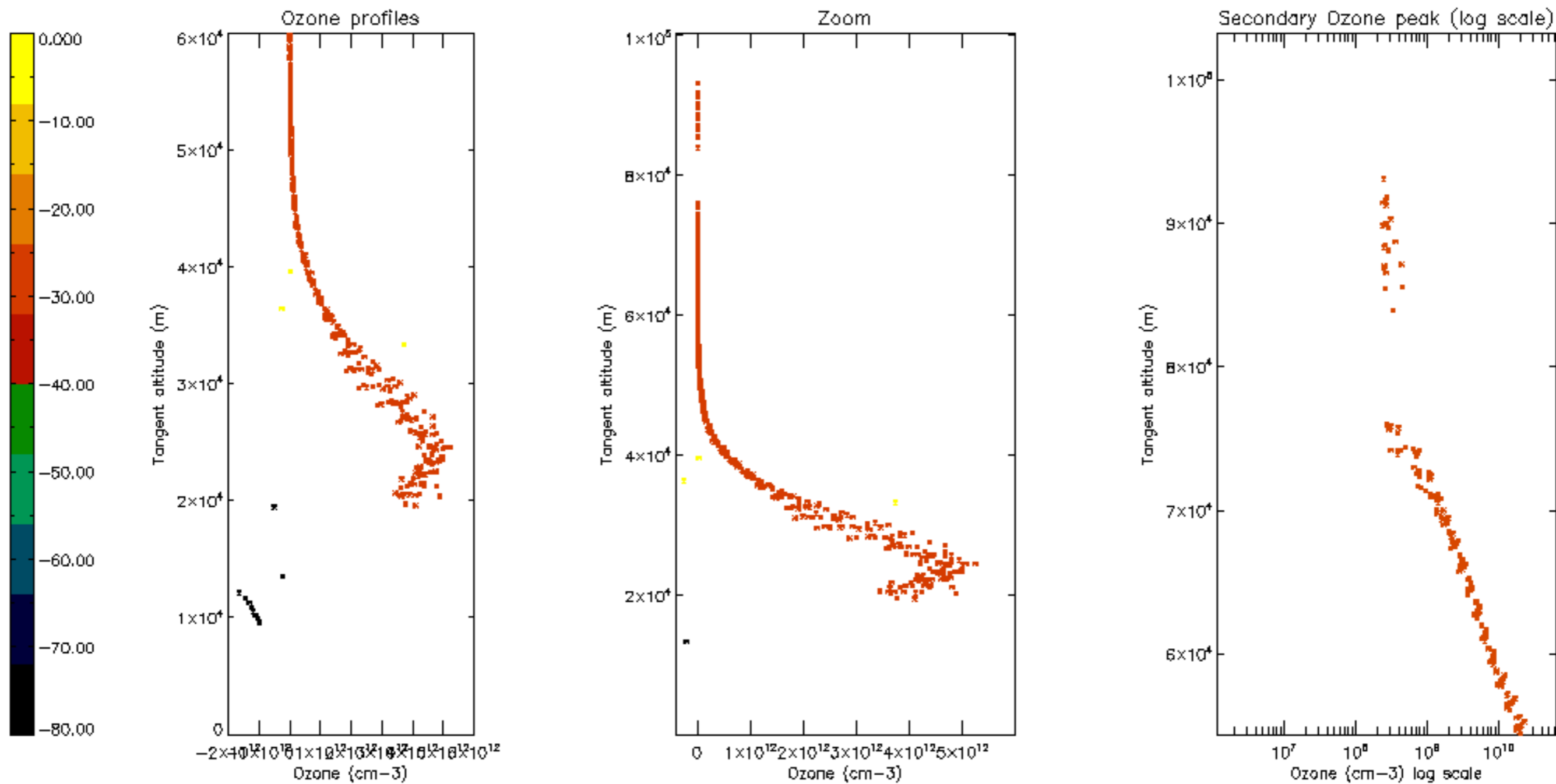
Percentage of saturation errors per profile

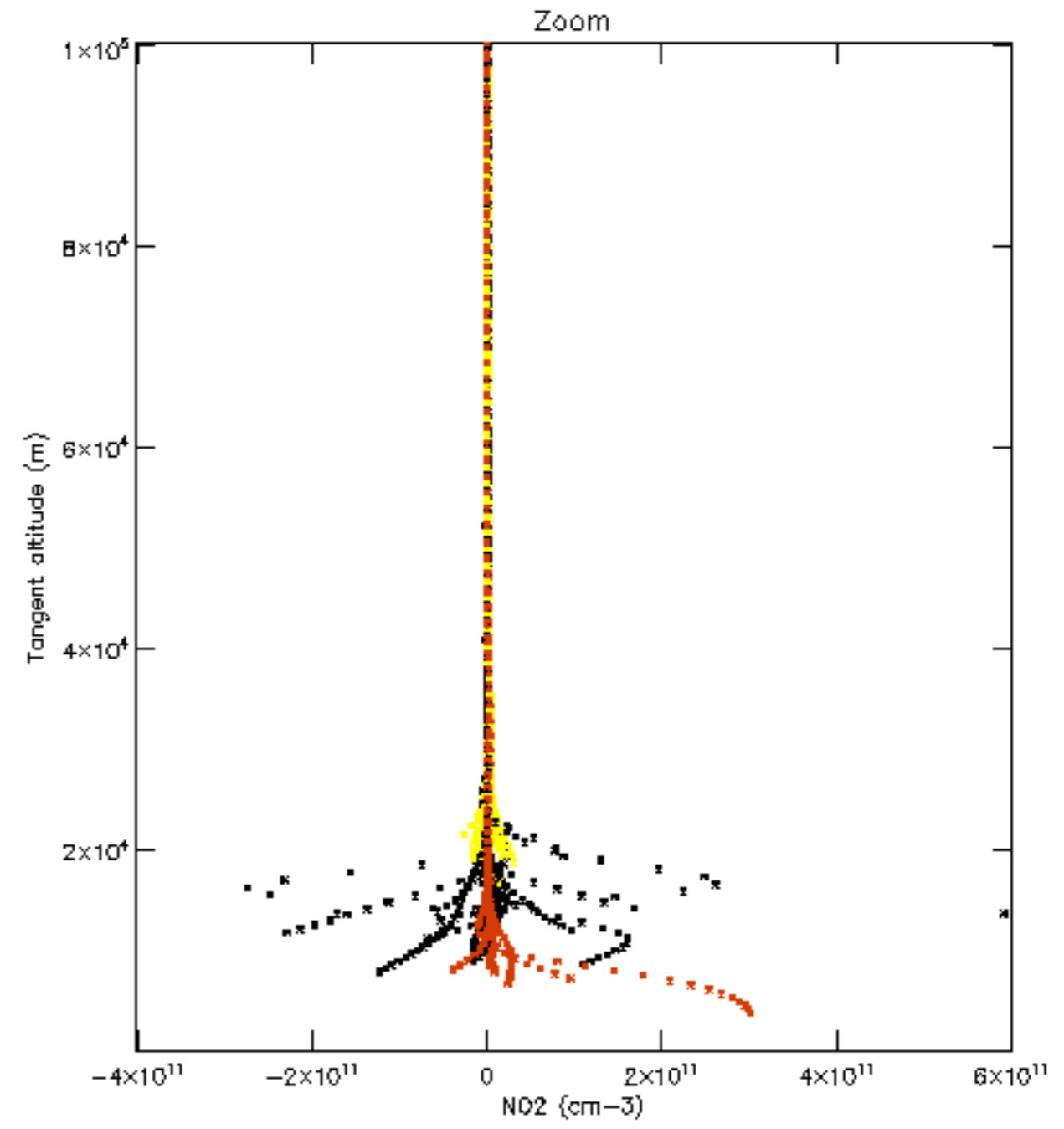
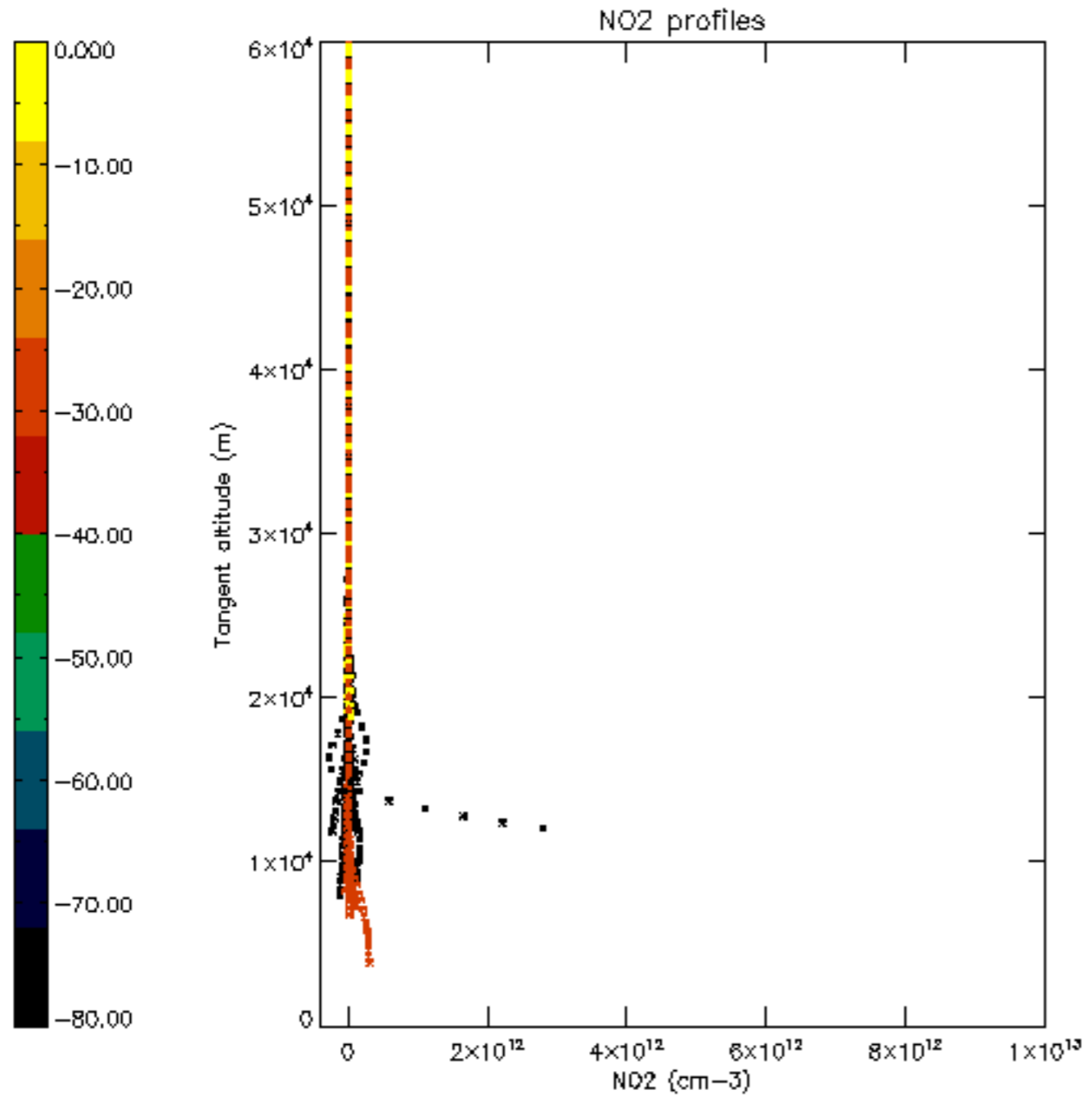


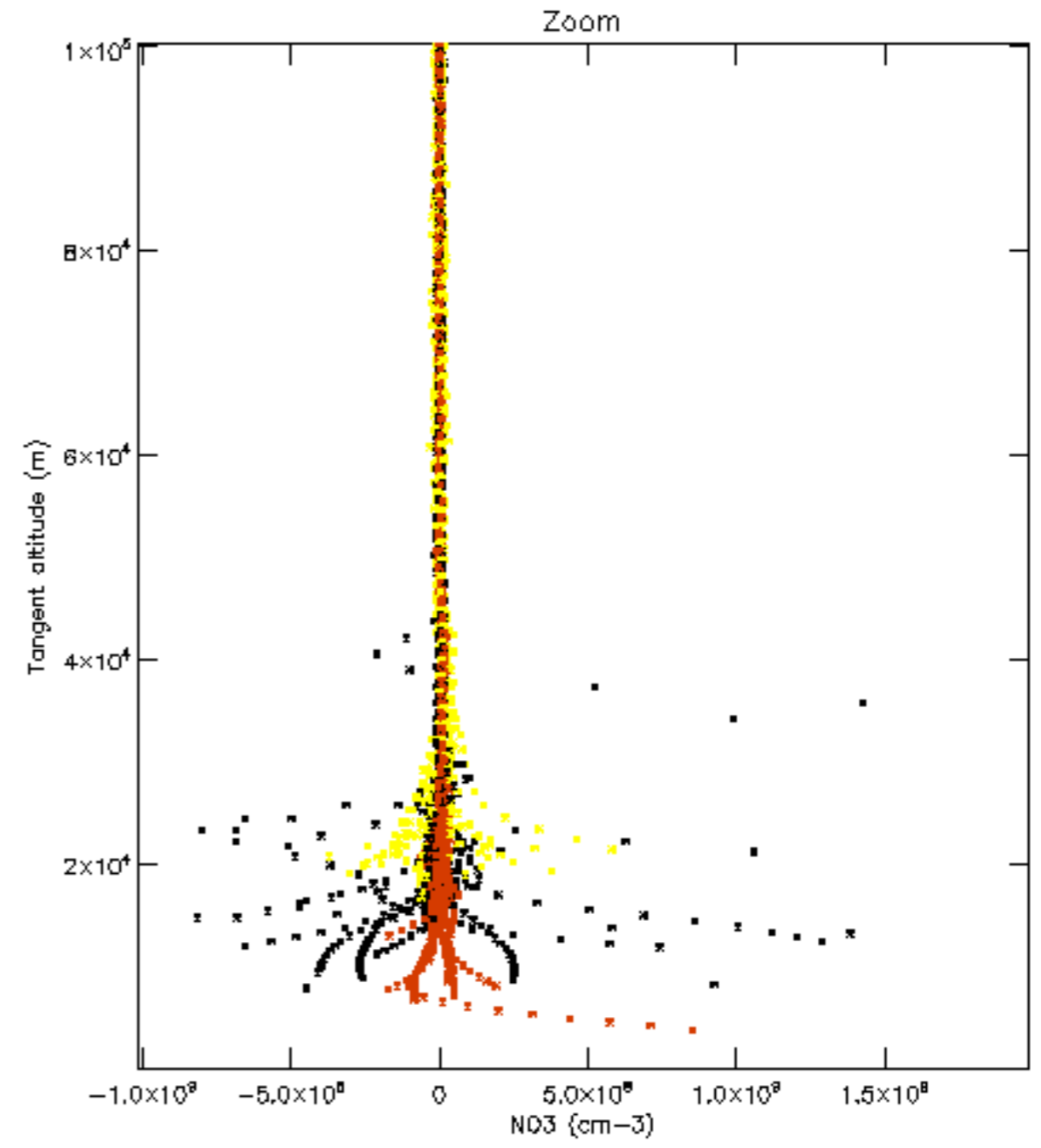
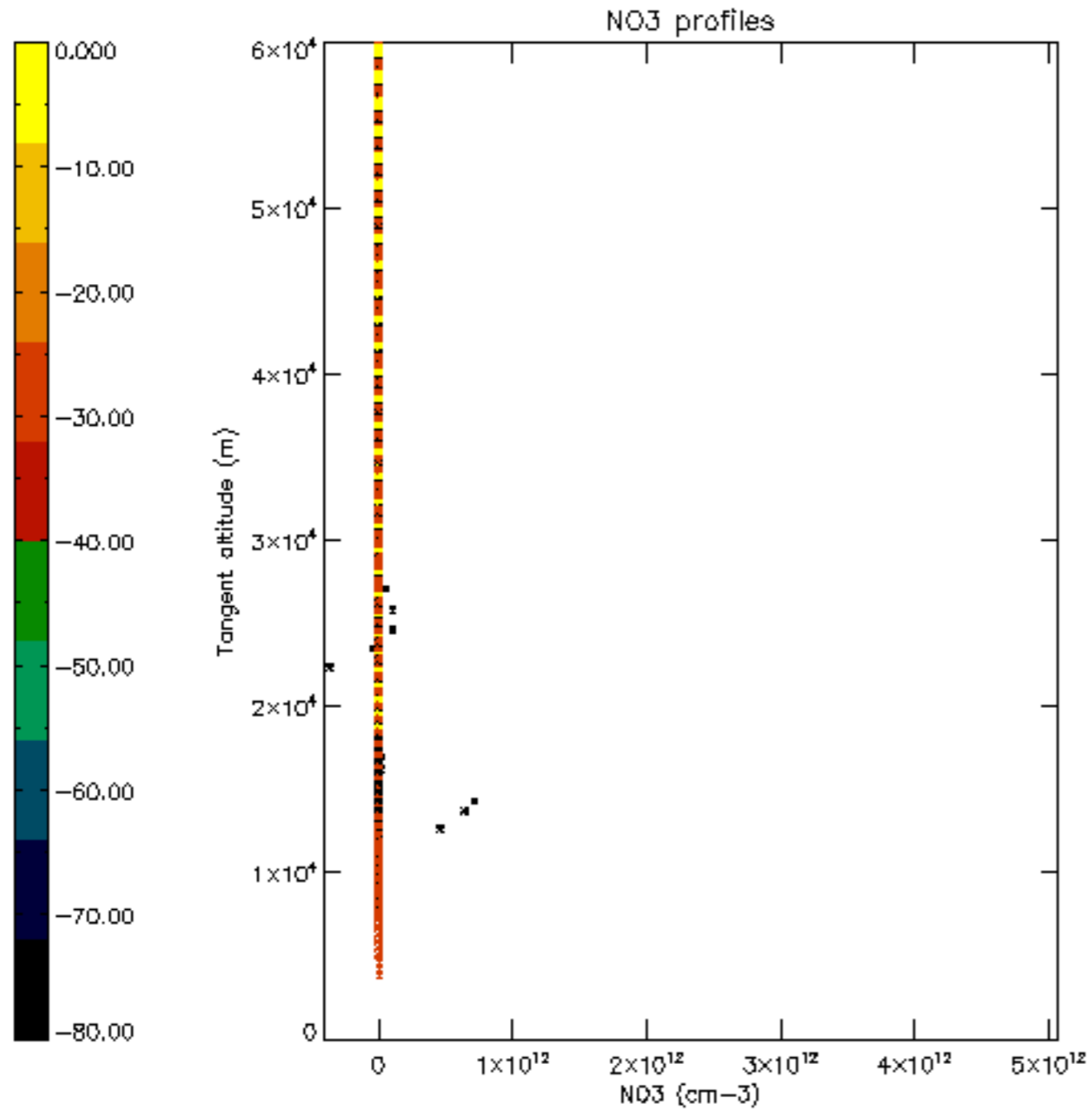


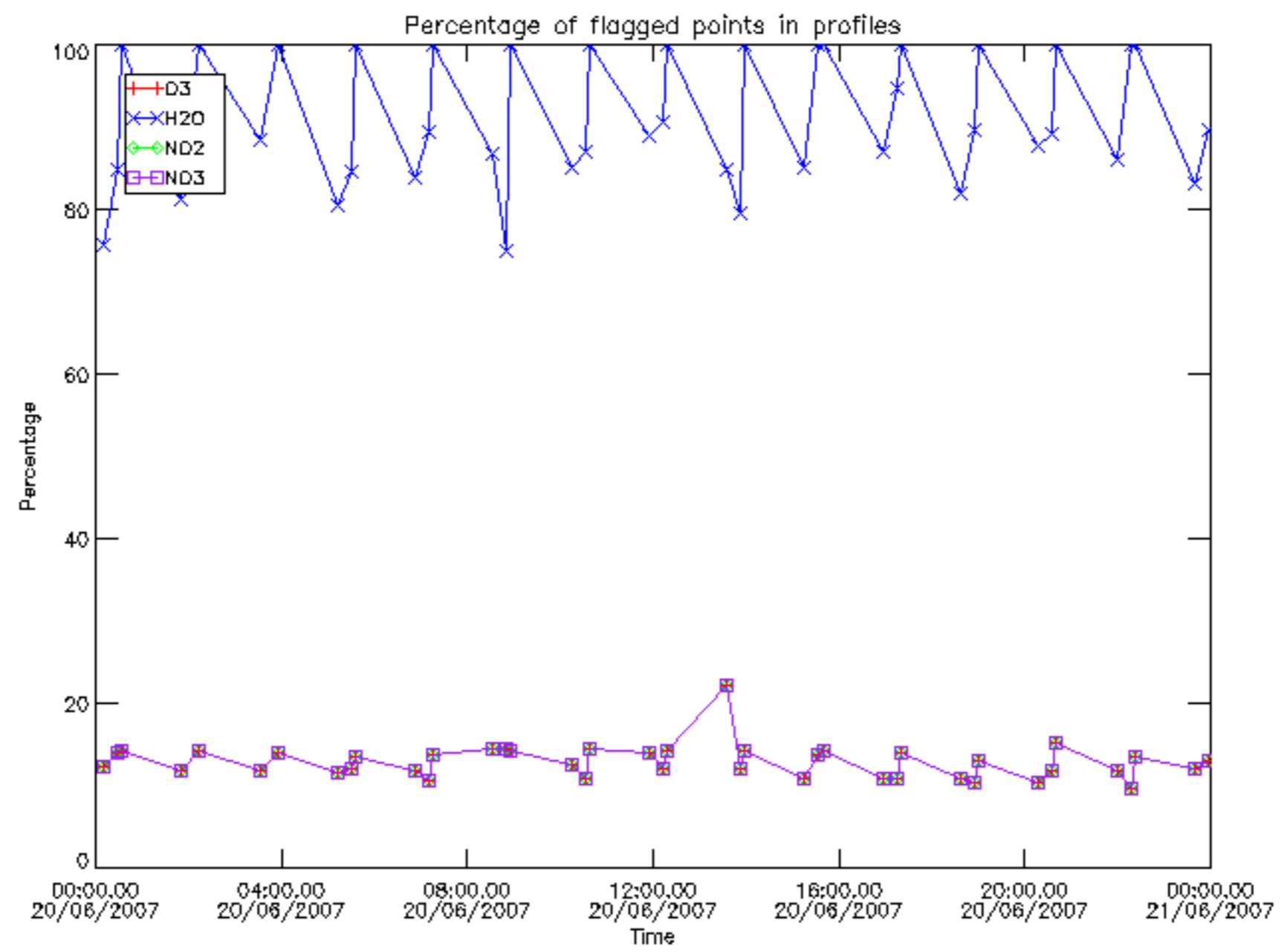




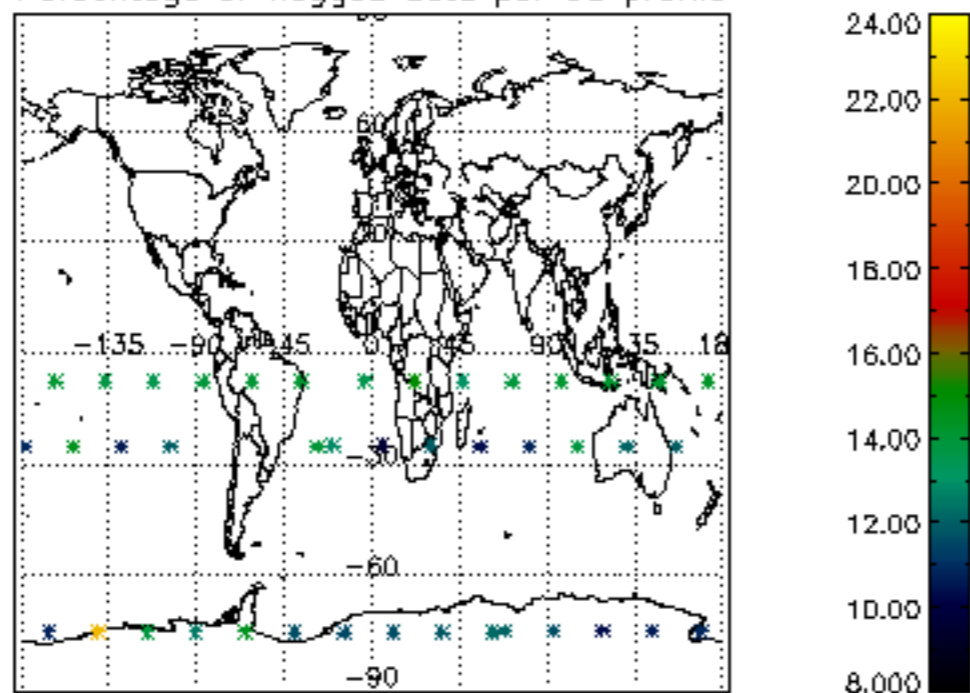




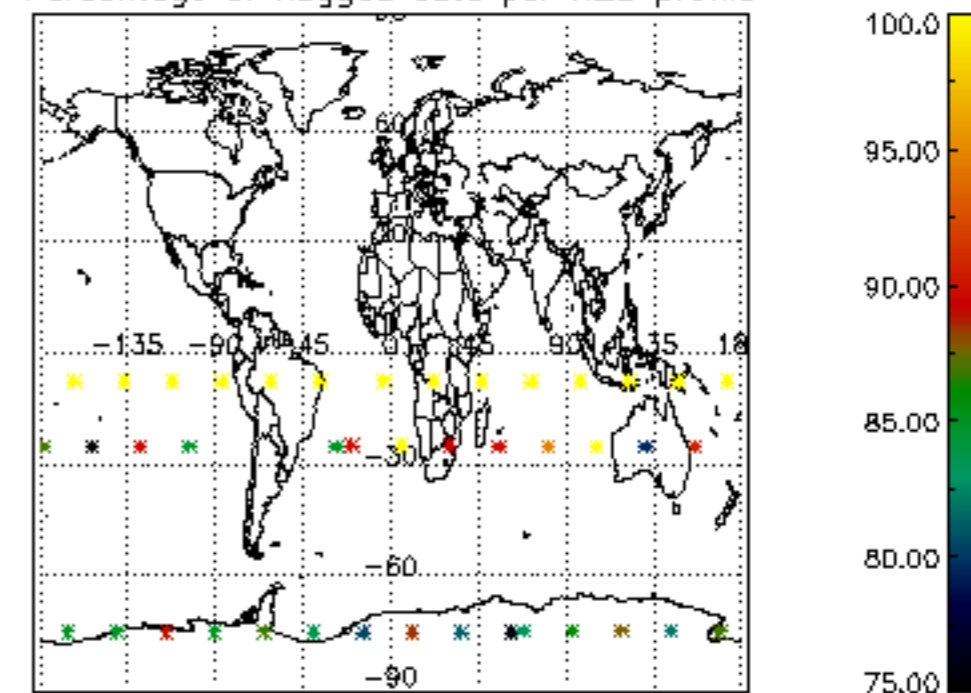




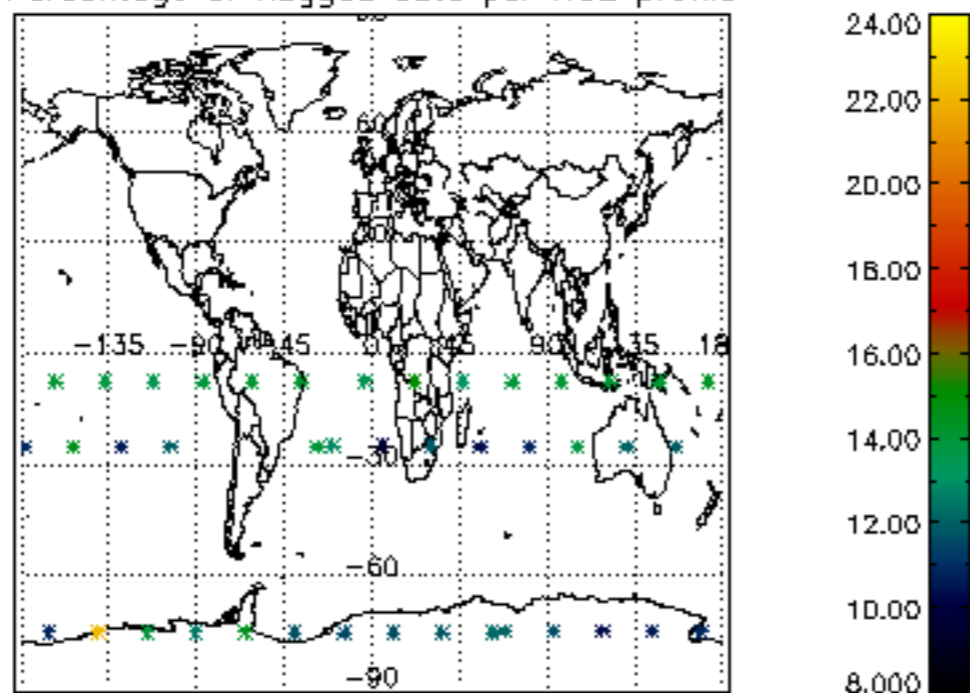
Percentage of flagged data per D3 profile



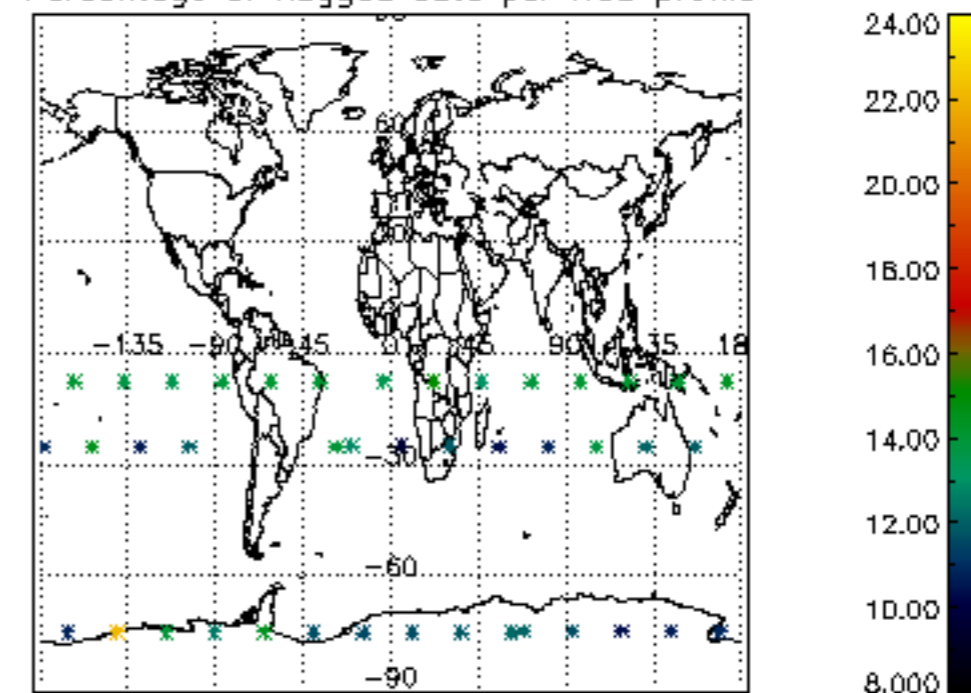
Percentage of flagged data per H2O profile

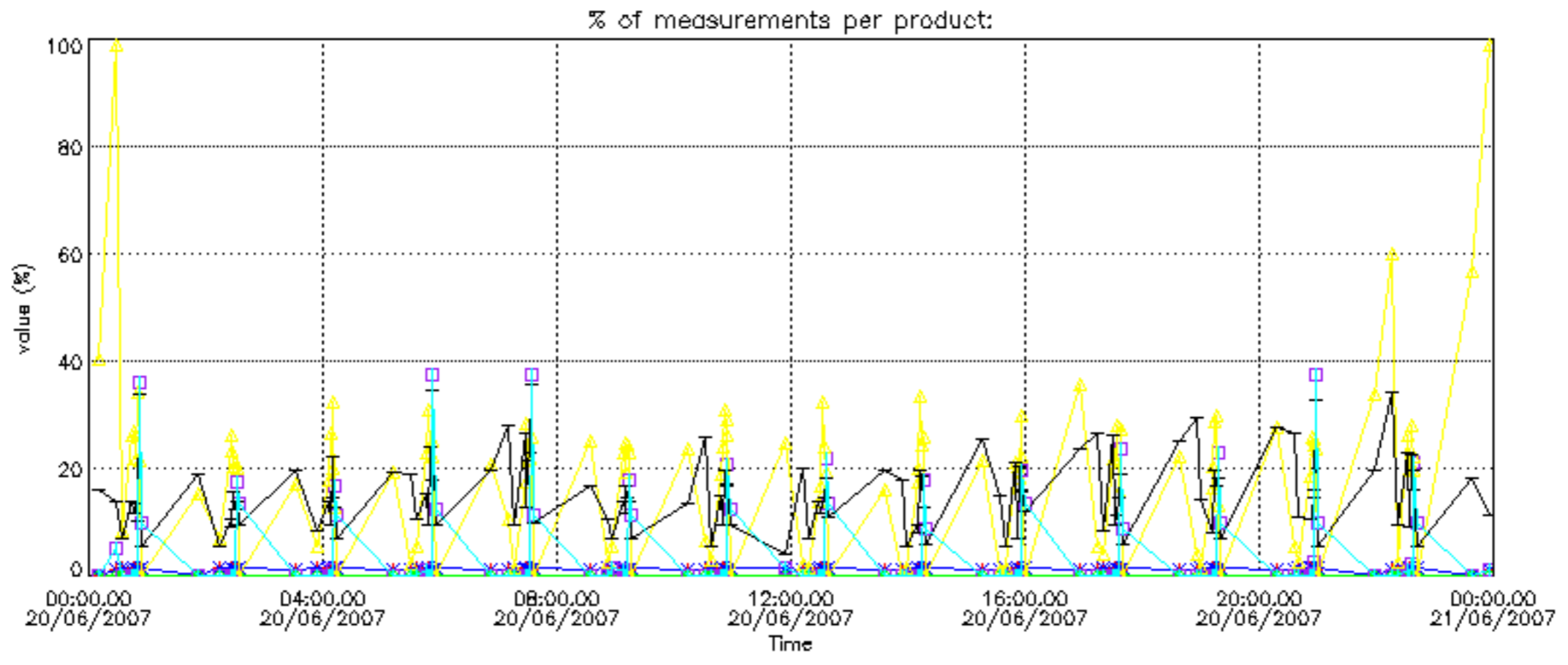


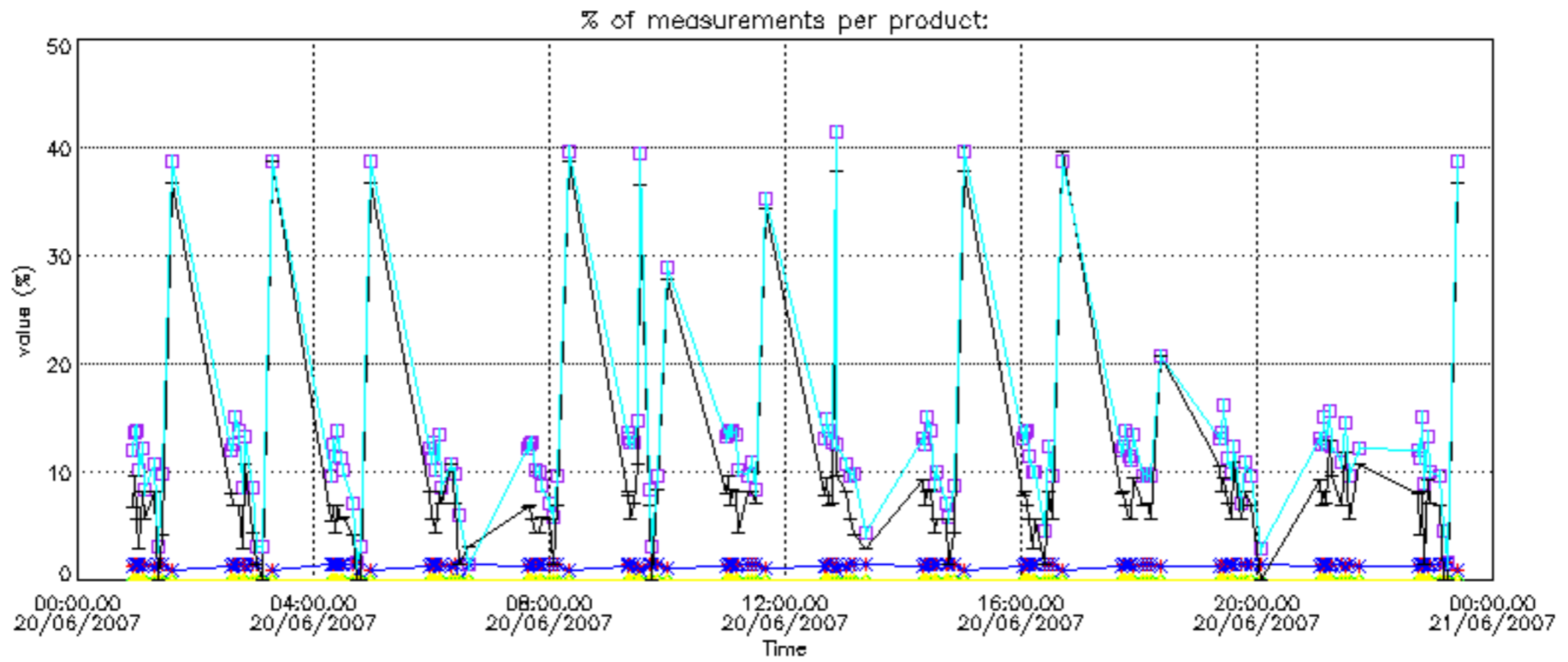
Percentage of flagged data per NO2 profile



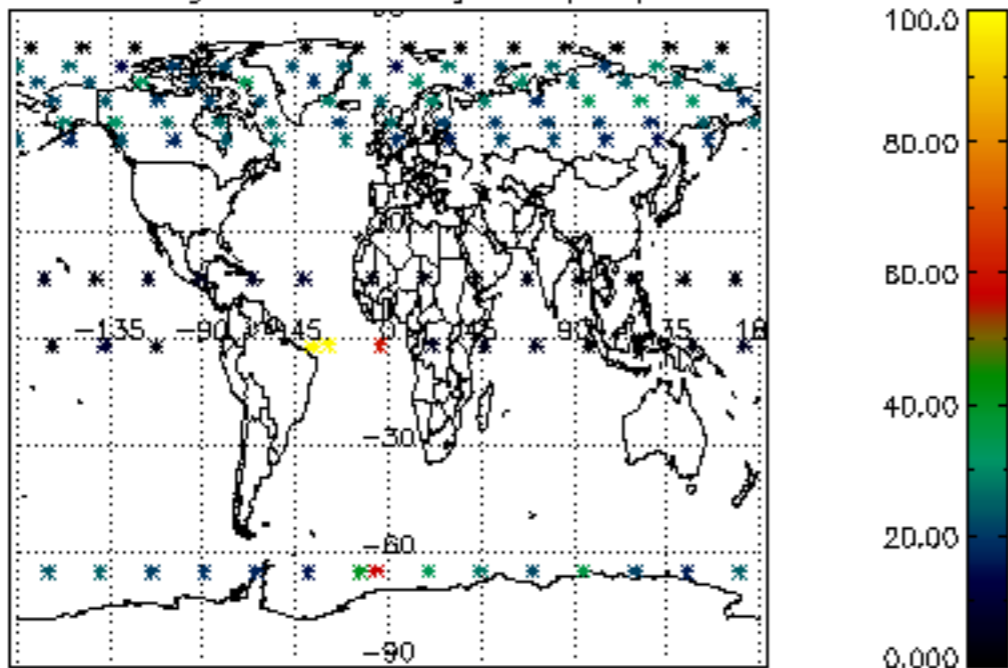
Percentage of flagged data per NO3 profile



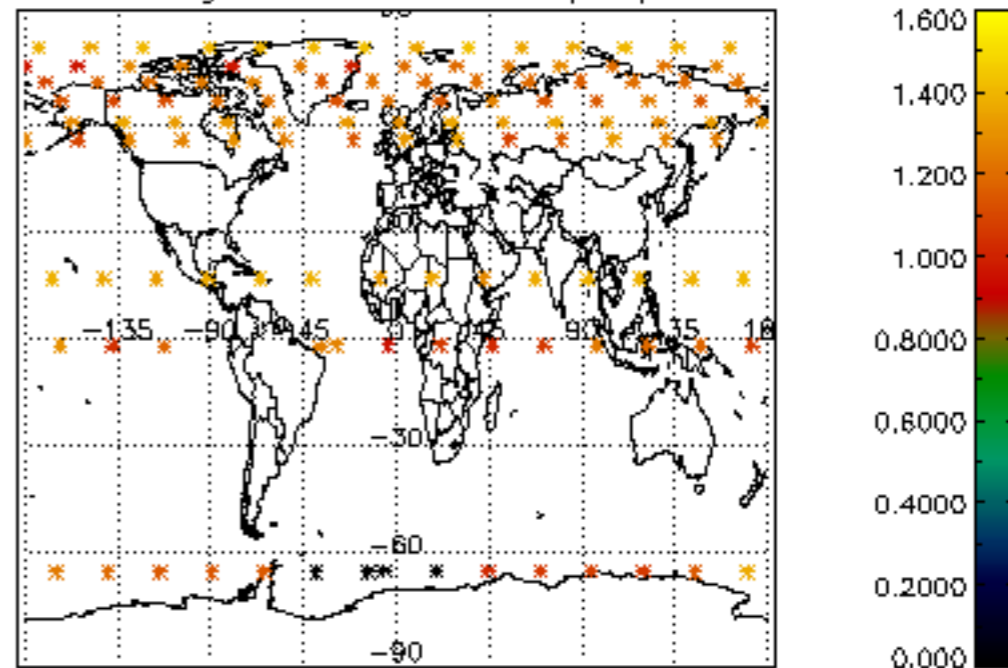




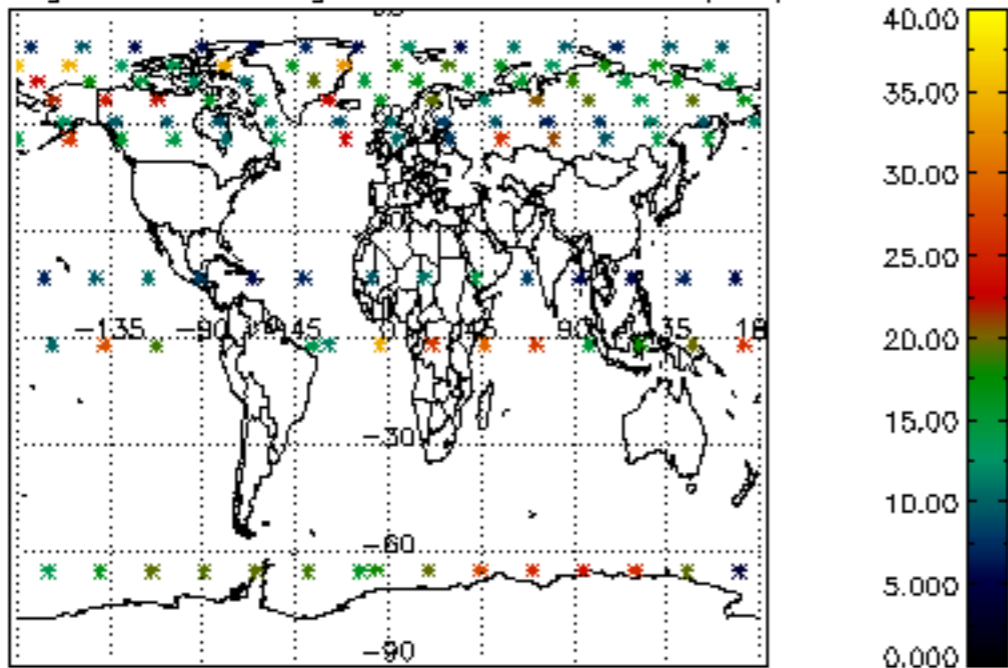
Percentage of cosmic ray hits per profile



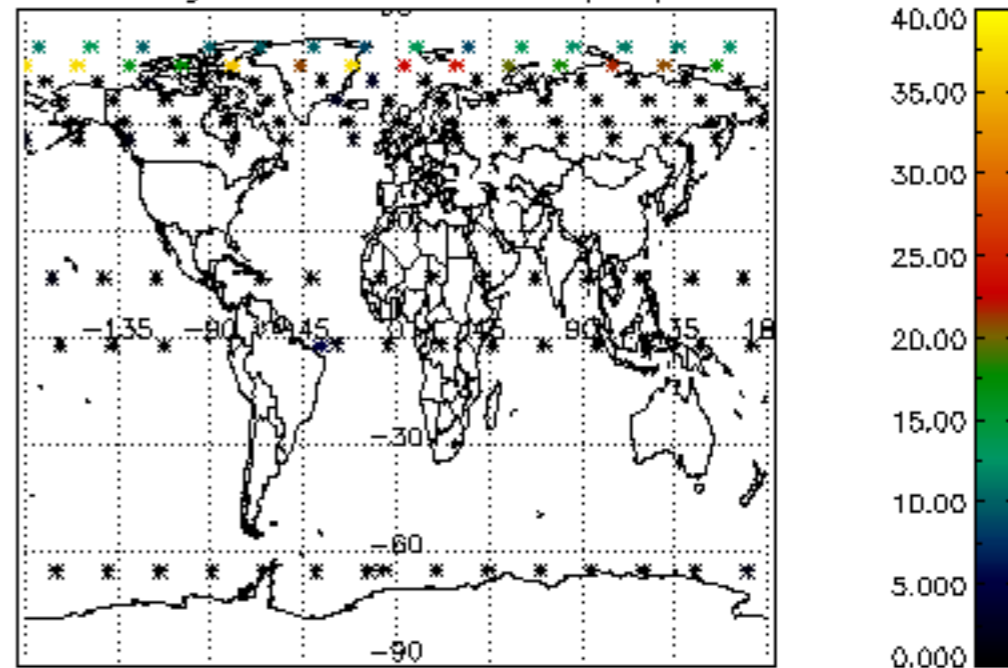
Percentage of datation errors per profile



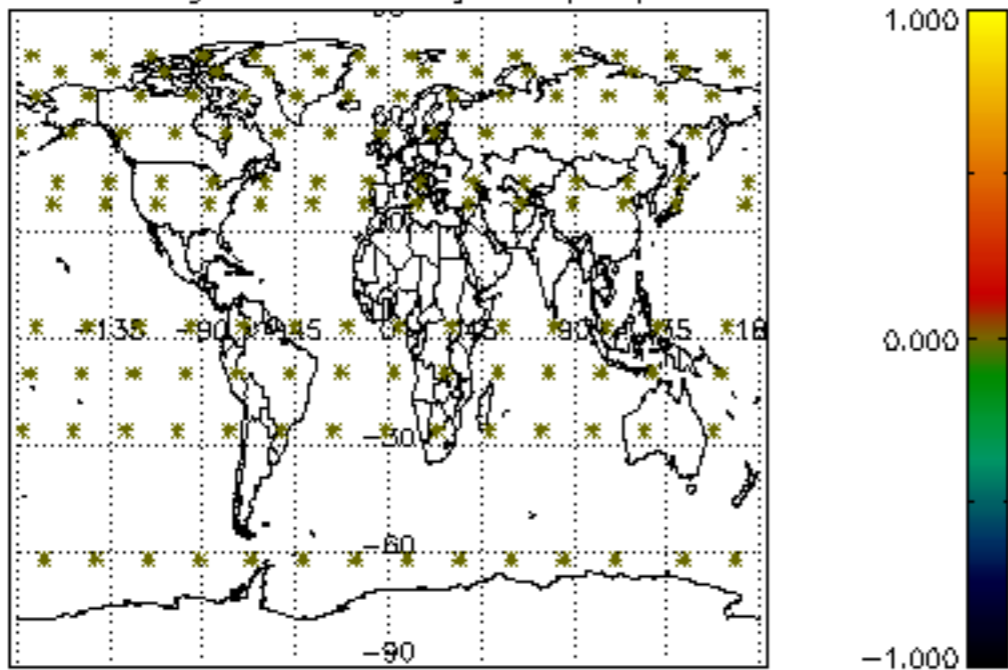
Percentage of star falling outside central band per profile



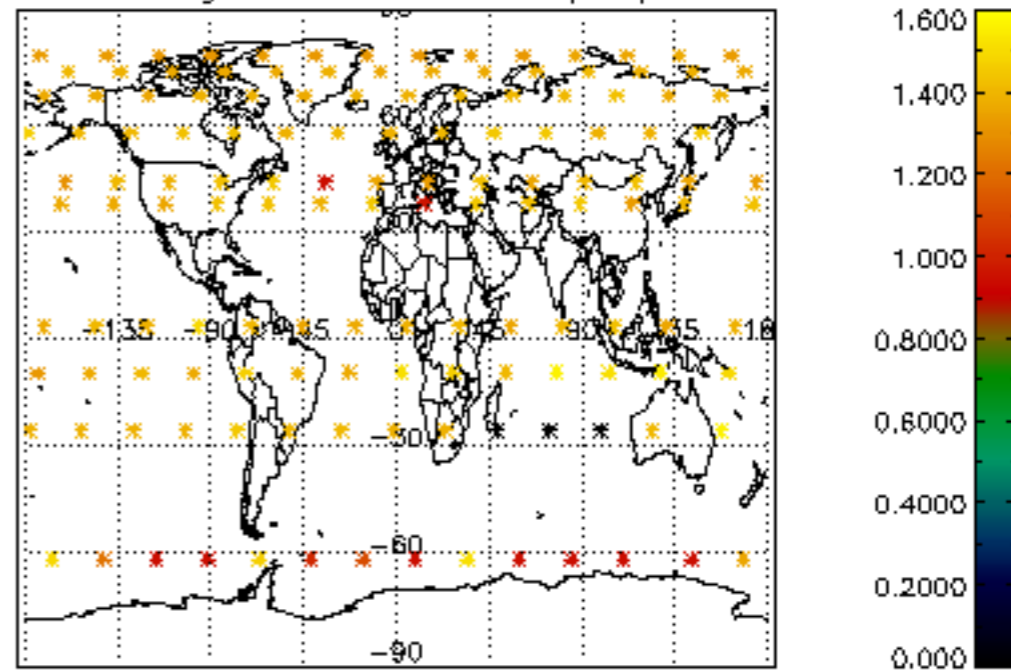
Percentage of saturation errors per profile



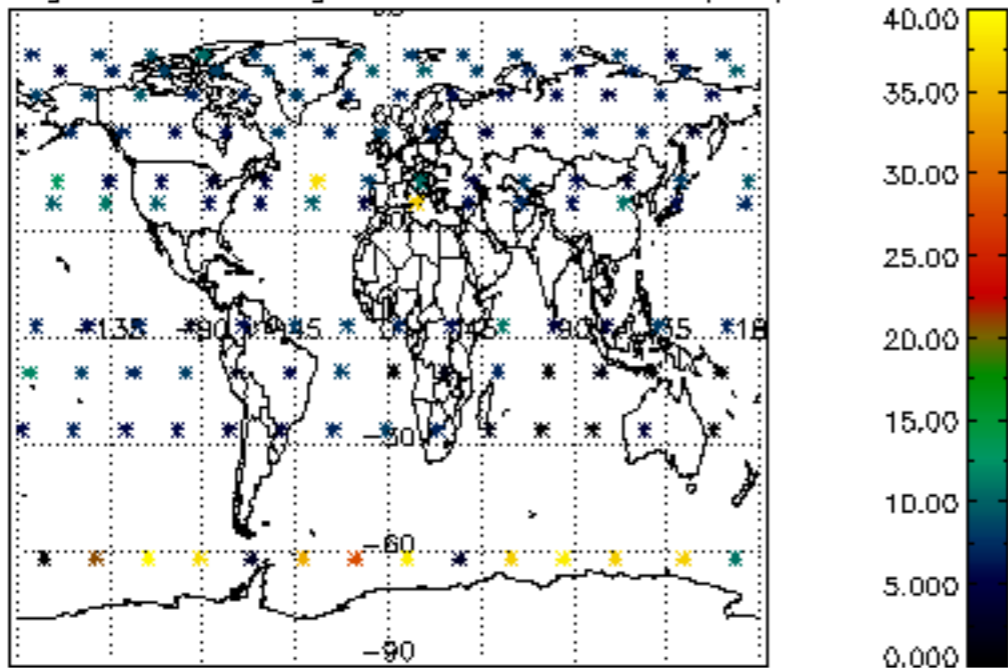
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

