

# 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 12:14:11
Data source version	GOMOS/6.01
Start time of products	27-08-2009 (27AUG2009 00:00:00)
Stop time of products	28-08-2009 (28AUG2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	256
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__2PRFIN20090827_000026_00000702082_00030_39162_1346.N1	27-AUG-2009 00:00:26	Dark	70.000	14	58Alp Ori	0.87000	3000.0	140	39162	No
2	GOM_NL__2PRFIN20090827_000215_000000652082_00030_39162_1347.N1	27-AUG-2009 00:02:15	Dark	64.500	27	24Gam Ori	1.6360	26000.	129	39162	No
3	GOM_NL__2PRFIN20090827_000412_000000582082_00030_39162_1348.N1	27-AUG-2009 00:04:12	Dark	57.500	30	46Eps Ori	1.6940	30000.	115	39162	No
4	GOM_NL__2PRFIN20090827_000609_000000532082_00030_39162_1349.N1	27-AUG-2009 00:06:09	Dark	52.500	56	53Kap Ori	2.0650	30000.	105	39162	No
5	GOM_NL__2PRFIN20090827_000750_000000662082_00030_39162_1350.N1	27-AUG-2009 00:07:50	Dark	66.000	7	19Bet Ori	0.10000	14000.	132	39162	No
6	GOM_NL__2PRFIN20090827_001015_000000522082_00030_39162_1351.N1	27-AUG-2009 00:10:15	Dark	52.000	139	9Bet Lep	2.8330	5600.0	104	39162	No
7	GOM_NL__2PRFIN20090827_002406_000000552082_00031_39163_1353.N1	27-AUG-2009 00:24:06	Dark	54.500	157	The1Eri	2.9060	9300.0	109	39163	No
8	GOM_NL__2PRFIN20090827_003244_000000492082_00031_39163_1354.N1	27-AUG-2009 00:32:44	Straylight	48.500	84	Alp Phe	2.3970	4500.0	97	39163	No
9	GOM_NL__2PRFIN20090827_003915_000000492082_00031_39163_1355.N1	27-AUG-2009 00:39:15	Straylight	48.500	18	24Alp PsA	1.1660	9700.0	97	39163	No
10	GOM_NL__2PRFIN20090827_004905_000000412082_00031_39163_1356.N1	27-AUG-2009 00:49:05	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	39163	No
11	GOM_NL__2PRFIN20090827_005208_000000412082_00031_39163_1357.N1	27-AUG-2009 00:52:08	Bright	40.500	61	8Eps Peg	2.1000	3900.0	81	39163	No
12	GOM_NL__2PRFIN20090827_005948_000000452082_00031_39163_1358.N1	27-AUG-2009 00:59:48	Bright	44.500	164	44Eta Peg	2.9480	5400.0	89	39163	No
13	GOM_NL__2PRFIN20090827_011037_000000432082_00031_39163_1359.N1	27-AUG-2009 01:10:37	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	39163	No
14	GOM_NL__2PRFIN20090827_011249_000000472082_00031_39163_1360.N1	27-AUG-2009 01:12:49	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	39163	No
15	GOM_NL__2PRFIN20090827_012658_000000592082_00031_39163_1361.N1	27-AUG-2009 01:26:58	Bright	58.500	6	13Alp Aur	0.080000	3400.0	117	39163	No
16	GOM_NL__2PRFIN20090827_013023_000000462082_00031_39163_1362.N1	27-AUG-2009 01:30:23	Bright	45.500	107	37The Aur	2.6490	11000.	91	39163	No
17	GOM_NL__2PRFIN20090827_013354_000000602082_00031_39163_1363.N1	27-AUG-2009 01:33:54	Twilight	59.500	28	12Bet Tau	1.6500	15200.	119	39163	No
18	GOM_NL__2PRFIN20090827_013653_000000492082_00031_39163_1364.N1	27-AUG-2009 01:36:53	Twilight	48.500	44	24Gam Gem	1.9280	11000.	97	39163	No
19	GOM_NL__2PRFIN20090827_014102_000000702082_00031_39163_1365.N1	27-AUG-2009 01:41:02	Dark	70.000	14	58Alp Ori	0.87000	3000.0	140	39163	No
20	GOM_NL__2PRFIN20090827_014252_000000662082_00031_39163_1366.N1	27-AUG-2009 01:42:52	Dark	65.500	27	24Gam Ori	1.6360	26000.	131	39163	No
21	GOM_NL__2PRFIN20090827_014449_000000582082_00031_39163_1367.N1	27-AUG-2009 01:44:49	Dark	58.000	30	46Eps Ori	1.6940	30000.	116	39163	No
22	GOM_NL__2PRFIN20090827_014645_000000562082_00031_39163_1368.N1	27-AUG-2009 01:46:45	Dark	55.500	56	53Kap Ori	2.0650	30000.	111	39163	No
23	GOM_NL__2PRFIN20090827_014827_000000672082_00031_39163_1369.N1	27-AUG-2009 01:48:27	Dark	66.500	7	19Bet Ori	0.10000	14000.	133	39163	No
24	GOM_NL__2PRFIN20090827_015052_000000542082_00031_39163_1370.N1	27-AUG-2009 01:50:52	Dark	54.000	139	9Bet Lep	2.8330	5600.0	108	39163	No
25	GOM_NL__2PRFIN20090827_020443_000000542082_00032_39164_1368.N1	27-AUG-2009 02:04:43	Dark	54.000	157	The1Eri	2.9060	9300.0	108	39164	No
26	GOM_NL__2PRFIN20090827_021320_000000492082_00032_39164_1369.N1	27-AUG-2009 02:13:20	Straylight	49.000	84	Alp Phe	2.3970	4500.0	98	39164	No
27	GOM_NL__2PRFIN20090827_021951_000000472082_00032_39164_1370.N1	27-AUG-2009 02:19:51	Straylight	46.500	18	24Alp PsA	1.1660	9700.0	93	39164	No
28	GOM_NL__2PRFIN20090827_022941_000000412082_00032_39164_1371.N1	27-AUG-2009 02:29:41	Bright	41.000	162	34Alp Aqr	2.9440	5350.0	82	39164	No
29	GOM_NL__2PRFIN20090827_023244_000000502082_00032_39164_1372.N1	27-AUG-2009 02:32:44	Bright	50.000	61	8Eps Peg	2.1000	3900.0	100	39164	No
30	GOM_NL__2PRFIN20090827_024023_000000682082_00032_39164_1373.N1	27-AUG-2009 02:40:23	Bright	68.000	164	44Eta Peg	2.9480	5400.0	136	39164	No
31	GOM_NL__2PRFIN20090827_025113_000000462082_00032_39164_1374.N1	27-AUG-2009 02:51:13	Bright	46.000	74	11Bet Cas	2.2680	6600.0	92	39164	No
32	GOM_NL__2PRFIN20090827_025324_000000462082_00032_39164_1375.N1	27-AUG-2009 02:53:24	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	39164	No
33	GOM_NL__2PRFIN20090827_030734_000000612082_00032_39164_1376.N1	27-AUG-2009 03:07:34	Bright	60.500	6	13Alp Aur	0.080000	3400.0	121	39164	No
34	GOM_NL__2PRFIN20090827_031059_000000472082_00032_39164_1377.N1	27-AUG-2009 03:10:59	Bright	46.500	107	37The Aur	2.6490	11000.	93	39164	No
35	GOM_NL__2PRFIN20090827_031430_000000622082_00032_39164_1378.N1	27-AUG-2009 03:14:30	Twilight	62.000	28	12Bet Tau	1.6500	15200.	124	39164	No
36	GOM_NL__2PRFIN20090827_031729_000000492082_00032_39164_1379.N1	27-AUG-2009 03:17:29	Twilight	48.500	44	24Gam Gem	1.9280	11000.	97	39164	No
37	GOM_NL__2PRFIN20090827_032139_000000592082_00032_39164_1380.N1	27-AUG-2009 03:21:39	Dark	59.000	14	58Alp Ori	0.87000	3000.0	118	39164	No
38	GOM_NL__2PRFIN20090827_032329_000000602082_00032_39164_1381.N1	27-AUG-2009 03:23:29	Dark	60.000	27	24Gam Ori	1.6360	26000.	120	39164	No
39	GOM_NL__2PRFIN20090827_032526_000000592082_00032_39164_1382.N1	27-AUG-2009 03:25:26	Dark	59.000	30	46Eps Ori	1.6940	30000.	118	39164	No
40	GOM_NL__2PRFIN20090827_032722_000000522082_00032_39164_1383.N1	27-AUG-2009 03:27:22	Dark	51.500	56	53Kap Ori	2.0650	30000.	103	39164	No
41	GOM_NL__2PRFIN20090827_032904_000000682082_00032_39164_1384.N1	27-AUG-2009 03:29:04	Dark	68.000	7	19Bet Ori	0.10000	14000.	136	39164	No
42	GOM_NL__2PRFIN20090827_033129_000000512082_00032_39164_1385.N1	27-AUG-2009 03:31:29	Dark	51.000	139	9Bet Lep	2.8330	5600.0	102	39164	No

43	GOM_NL__2PRFIN20090827_034520_00000562082_00033_39165_1376.N1	27-AUG-2009 03:45:20	Dark	55.500	157	The1Eri	2.9060	9300.0	111	39165	No
44	GOM_NL__2PRFIN20090827_035357_00000492082_00033_39165_1377.N1	27-AUG-2009 03:53:57	Straylight	49.000	84	Alp Phe	2.3970	4500.0	98	39165	No
45	GOM_NL__2PRFIN20090827_040028_00000482082_00033_39165_1378.N1	27-AUG-2009 04:00:28	Straylight	48.000	18	24Alp PsA	1.1660	9700.0	96	39165	No
46	GOM_NL__2PRFIN20090827_041017_00000592082_00033_39165_1379.N1	27-AUG-2009 04:10:17	Bright	59.000	162	34Alp Aqr	2.9440	5350.0	118	39165	No
47	GOM_NL__2PRFIN20090827_041319_00000562082_00033_39165_1380.N1	27-AUG-2009 04:13:19	Bright	56.000	61	8Eps Peg	2.1000	3900.0	112	39165	No
48	GOM_NL__2PRFIN20090827_042059_00000462082_00033_39165_1381.N1	27-AUG-2009 04:20:59	Bright	46.000	164	44Eta Peg	2.9480	5400.0	92	39165	No
49	GOM_NL__2PRFIN20090827_043148_00000462082_00033_39165_1382.N1	27-AUG-2009 04:31:48	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	39165	No
50	GOM_NL__2PRFIN20090827_043400_00000472082_00033_39165_1383.N1	27-AUG-2009 04:34:00	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	39165	No
51	GOM_NL__2PRFIN20090827_044810_00000542082_00033_39165_1384.N1	27-AUG-2009 04:48:10	Bright	53.500	6	13Alp Aur	0.080000	3400.0	107	39165	No
52	GOM_NL__2PRFIN20090827_045135_00000452082_00033_39165_1385.N1	27-AUG-2009 04:51:35	Bright	44.500	107	37The Aur	2.6490	11000.	89	39165	No
53	GOM_NL__2PRFIN20090827_045507_00000632082_00033_39165_1386.N1	27-AUG-2009 04:55:07	Tw_i_and_stray	62.500	28	12Bet Tau	1.6500	15200.	125	39165	No
54	GOM_NL__2PRFIN20090827_045806_00000482082_00033_39165_1387.N1	27-AUG-2009 04:58:06	Tw_i_and_stray	48.000	44	24Gam Gem	1.9280	11000.	96	39165	No
55	GOM_NL__2PRFIN20090827_050216_00000612082_00033_39165_1388.N1	27-AUG-2009 05:02:16	Dark	60.500	14	58Alp Ori	0.87000	3000.0	121	39165	No
56	GOM_NL__2PRFIN20090827_050406_00000602082_00033_39165_1389.N1	27-AUG-2009 05:04:06	Dark	60.000	27	24Gam Ori	1.6360	26000.	120	39165	No
57	GOM_NL__2PRFIN20090827_050603_00000592082_00033_39165_1390.N1	27-AUG-2009 05:06:03	Dark	58.500	30	46Eps Ori	1.6940	30000.	117	39165	No
58	GOM_NL__2PRFIN20090827_050759_00000542082_00033_39165_1391.N1	27-AUG-2009 05:07:59	Dark	53.500	56	53Kap Ori	2.0650	30000.	107	39165	No
59	GOM_NL__2PRFIN20090827_050941_00000692082_00033_39165_1392.N1	27-AUG-2009 05:09:41	Dark	69.000	7	19Bet Ori	0.10000	14000.	138	39165	No
60	GOM_NL__2PRFIN20090827_051206_00000502082_00033_39165_1393.N1	27-AUG-2009 05:12:06	Dark	49.500	139	9Bet Lep	2.8330	5600.0	99	39165	No
61	GOM_NL__2PRFIN20090827_052558_00000542082_00034_39166_1399.N1	27-AUG-2009 05:25:58	Dark	54.000	157	The1Eri	2.9060	9300.0	108	39166	No
62	GOM_NL__2PRFIN20090827_053434_00000482082_00034_39166_1400.N1	27-AUG-2009 05:34:34	Straylight	48.000	84	Alp Phe	2.3970	4500.0	96	39166	No
63	GOM_NL__2PRFIN20090827_054104_00000472082_00034_39166_1401.N1	27-AUG-2009 05:41:04	Straylight	46.500	18	24Alp PsA	1.1660	9700.0	93	39166	No
64	GOM_NL__2PRFIN20090827_055053_00000402082_00034_39166_1402.N1	27-AUG-2009 05:50:53	Bright	40.000	162	34Alp Aqr	2.9440	5350.0	80	39166	No
65	GOM_NL__2PRFIN20090827_055355_00000392082_00034_39166_1403.N1	27-AUG-2009 05:53:55	Bright	39.000	61	8Eps Peg	2.1000	3900.0	78	39166	No
66	GOM_NL__2PRFIN20090827_060134_00000682082_00034_39166_1404.N1	27-AUG-2009 06:01:34	Bright	68.000	164	44Eta Peg	2.9480	5400.0	136	39166	No
67	GOM_NL__2PRFIN20090827_061223_00000462082_00034_39166_1405.N1	27-AUG-2009 06:12:23	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	39166	No
68	GOM_NL__2PRFIN20090827_061435_00000462082_00034_39166_1406.N1	27-AUG-2009 06:14:35	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	39166	No
69	GOM_NL__2PRFIN20090827_062846_00000552082_00034_39166_1407.N1	27-AUG-2009 06:28:46	Bright	54.500	6	13Alp Aur	0.080000	3400.0	109	39166	No
70	GOM_NL__2PRFIN20090827_063211_00000462082_00034_39166_1408.N1	27-AUG-2009 06:32:11	Bright	46.000	107	37The Aur	2.6490	11000.	92	39166	No
71	GOM_NL__2PRFIN20090827_063543_00000622082_00034_39166_1409.N1	27-AUG-2009 06:35:43	Tw_i_and_stray	61.500	28	12Bet Tau	1.6500	15200.	123	39166	No
72	GOM_NL__2PRFIN20090827_063842_00000442082_00034_39166_1410.N1	27-AUG-2009 06:38:42	Tw_i_and_stray	44.000	44	24Gam Gem	1.9280	11000.	88	39166	No
73	GOM_NL__2PRFIN20090827_064252_00000642082_00034_39166_1411.N1	27-AUG-2009 06:42:52	Dark	63.500	14	58Alp Ori	0.87000	3000.0	127	39166	No
74	GOM_NL__2PRFIN20090827_064443_00000522082_00034_39166_1412.N1	27-AUG-2009 06:44:43	Dark	52.000	27	24Gam Ori	1.6360	26000.	104	39166	No
75	GOM_NL__2PRFIN20090827_064640_00000592082_00034_39166_1413.N1	27-AUG-2009 06:46:40	Dark	59.000	30	46Eps Ori	1.6940	30000.	118	39166	No
76	GOM_NL__2PRFIN20090827_064836_00000492082_00034_39166_1414.N1	27-AUG-2009 06:48:36	Dark	49.000	56	53Kap Ori	2.0650	30000.	98	39166	No
77	GOM_NL__2PRFIN20090827_065019_00000672082_00034_39166_1415.N1	27-AUG-2009 06:50:19	Dark	67.000	7	19Bet Ori	0.10000	14000.	134	39166	No
78	GOM_NL__2PRFIN20090827_065243_00000532082_00034_39166_1416.N1	27-AUG-2009 06:52:43	Dark	52.500	139	9Bet Lep	2.8330	5600.0	105	39166	No
79	GOM_NL__2PRFIN20090827_070635_00000552082_00035_39167_1413.N1	27-AUG-2009 07:06:35	Dark	55.000	157	The1Eri	2.9060	9300.0	110	39167	No
80	GOM_NL__2PRFIN20090827_071511_00000502082_00035_39167_1414.N1	27-AUG-2009 07:15:11	Straylight	49.500	84	Alp Phe	2.3970	4500.0	99	39167	No
81	GOM_NL__2PRFIN20090827_072140_00000462082_00035_39167_1415.N1	27-AUG-2009 07:21:40	Straylight	45.500	18	24Alp PsA	1.1660	9700.0	91	39167	No
82	GOM_NL__2PRFIN20090827_073129_00000412082_00035_39167_1416.N1	27-AUG-2009 07:31:29	Bright	41.000	162	34Alp Aqr	2.9440	5350.0	82	39167	No
83	GOM_NL__2PRFIN20090827_073431_00000402082_00035_39167_1417.N1	27-AUG-2009 07:34:31	Bright	40.000	61	8Eps Peg	2.1000	3900.0	80	39167	No
84	GOM_NL__2PRFIN20090827_074209_00000682082_00035_39167_1418.N1	27-AUG-2009 07:42:09	Bright	68.000	164	44Eta Peg	2.9480	5400.0	136	39167	No
85	GOM_NL__2PRFIN20090827_075258_00000422082_00035_39167_1419.N1	27-AUG-2009 07:52:58	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	39167	No
86	GOM_NL__2PRFIN20090827_075510_00000452082_00035_39167_1420.N1	27-AUG-2009 07:55:10	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	39167	No
87	GOM_NL__2PRFIN20090827_080922_00000572082_00035_39167_1421.N1	27-AUG-2009 08:09:22	Bright	57.000	6	13Alp Aur	0.080000	3400.0	114	39167	No
88	GOM_NL__2PRFIN20090827_081247_00000452082_00035_39167_1422.N1	27-AUG-2009 08:12:47	Bright	44.500	107	37The Aur	2.6490	11000.	89	39167	No
89	GOM_NL__2PRFIN20090827_081619_00000582082_00035_39167_1423.N1	27-AUG-2009 08:16:19	Tw_i_and_stray	58.000	28	12Bet Tau	1.6500	15200.	116	39167	No
90	GOM_NL__2PRFIN20090827_081918_00000432082_00035_39167_1424.N1	27-AUG-2009 08:19:18	Tw_i_and_stray	42.500	44	24Gam Gem	1.9280	11000.	85	39167	No
91	GOM_NL__2PRFIN20090827_082329_00000652082_00035_39167_1425.N1	27-AUG-2009 08:23:29	Dark	65.000	14	58Alp Ori	0.87000	3000.0	130	39167	No
92	GOM_NL__2PRFIN20090827_082520_00000522082_00035_39167_1426.N1	27-AUG-2009 08:25:20	Dark	52.000	27	24Gam Ori	1.6360	26000.	104	39167	No
93	GOM_NL__2PRFIN20090827_082717_00000602082_00035_39167_1427.N1	27-AUG-2009 08:27:17	Dark	59.500	30	46Eps Ori	1.6940	30000.	119	39167	No
94	GOM_NL__2PRFIN20090827_082913_00000542082_00035_39167_1428.N1	27-AUG-2009 08:29:13	Dark	53.500	56	53Kap Ori	2.0650	30000.	107	39167	No
95	GOM_NL__2PRFIN20090827_083056_00000672082_00035_39167_1429.N1	27-AUG-2009 08:30:56	Dark	67.000	7	19Bet Ori	0.10000	14000.	134	39167	No
96	GOM_NL__2PRFIN20090827_083320_00000522082_00035_39167_1430.N1	27-AUG-2009 08:33:20	Dark	52.000	139	9Bet Lep	2.8330	5600.0	104	39167	No
97	GOM_NL__2PRFIN20090827_084712_00000542082_00036_39168_1429.N1	27-AUG-2009 08:47:12	Dark	54.000	157	The1Eri	2.9060	9300.0	108	39168	No
98	GOM_NL__2PRFIN20090827_085547_00000492082_00036_39168_1430.N1	27-AUG-2009 08:55:47	Straylight	48.500	84	Alp Phe	2.3970	4500.0	97	39168	No
99	GOM_NL__2PRFIN20090827_090217_00000492082_00036_39168_1431.N1	27-AUG-2009 09:02:17	Straylight	48.500	18	24Alp PsA	1.1660	9700.0	97	39168	No
100	GOM_NL__2PRFIN20090827_091205_00000402082_00036_39168_1432.N1	27-AUG-2009 09:12:05	Bright	39.500	162	34Alp Aqr	2.9440	5350.0	79	39168	No
101	GOM_NL__2PRFIN20090827_091507_00000492082_00036_39168_1433.N1	27-AUG-2009 09:15:07	Bright	48.500	61	8Eps Peg	2.1000	3900.0	97	39168	No

102	GOM_NL__2PRFIN20090827_092244_000000462082_00036_39168_1434.N1	27-AUG-2009 09:22:44	Bright	45.500	164	44Eta Peg	2.9480	5400.0	91	39168	No
103	GOM_NL__2PRFIN20090827_093334_000000462082_00036_39168_1435.N1	27-AUG-2009 09:33:34	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	39168	No
104	GOM_NL__2PRFIN20090827_093545_000000462082_00036_39168_1436.N1	27-AUG-2009 09:35:45	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	39168	No
105	GOM_NL__2PRFIN20090827_094957_000000562082_00036_39168_1437.N1	27-AUG-2009 09:49:57	Bright	56.000	6	13Alp Aur	0.080000	3400.0	112	39168	No
106	GOM_NL__2PRFIN20090827_095323_000000452082_00036_39168_1438.N1	27-AUG-2009 09:53:23	Bright	45.000	107	37The Aur	2.6490	11000.	90	39168	No
107	GOM_NL__2PRFIN20090827_095655_000000622082_00036_39168_1439.N1	27-AUG-2009 09:56:55	Tw_i_and_stray	62.000	28	12Bet Tau	1.6500	15200.	124	39168	No
108	GOM_NL__2PRFIN20090827_095954_000000492082_00036_39168_1440.N1	27-AUG-2009 09:59:54	Tw_i_and_stray	48.500	44	24Gam Gem	1.9280	11000.	97	39168	No
109	GOM_NL__2PRFIN20090827_100406_000000632082_00036_39168_1441.N1	27-AUG-2009 10:04:06	Dark	63.000	14	58Alp Ori	0.87000	3000.0	126	39168	No
110	GOM_NL__2PRFIN20090827_100557_000000442082_00036_39168_1442.N1	27-AUG-2009 10:05:57	Dark	44.000	27	24Gam Ori	1.6360	26000.	88	39168	No
111	GOM_NL__2PRFIN20090827_100754_000000582082_00036_39168_1443.N1	27-AUG-2009 10:07:54	Dark	57.500	30	46Eps Ori	1.6940	30000.	115	39168	No
112	GOM_NL__2PRFIN20090827_100950_000000482082_00036_39168_1444.N1	27-AUG-2009 10:09:50	Dark	48.000	56	53Kap Ori	2.0650	30000.	96	39168	No
113	GOM_NL__2PRFIN20090827_101133_000000672082_00036_39168_1445.N1	27-AUG-2009 10:11:33	Dark	67.000	7	19Bet Ori	0.10000	14000.	134	39168	No
114	GOM_NL__2PRFIN20090827_101357_000000532082_00036_39168_1446.N1	27-AUG-2009 10:13:57	Dark	52.500	139	9Bet Lep	2.8330	5600.0	105	39168	No
115	GOM_NL__2PRFIN20090827_102749_000000542082_00037_39169_1447.N1	27-AUG-2009 10:27:49	Dark	54.000	157	The1Eri	2.9060	9300.0	108	39169	No
116	GOM_NL__2PRFIN20090827_103624_000000542082_00037_39169_1448.N1	27-AUG-2009 10:36:24	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	39169	No
117	GOM_NL__2PRFIN20090827_104253_000000472082_00037_39169_1449.N1	27-AUG-2009 10:42:53	Straylight	47.000	18	24Alp PsA	1.1660	9700.0	94	39169	No
118	GOM_NL__2PRFIN20090827_105241_000000412082_00037_39169_1450.N1	27-AUG-2009 10:52:41	Bright	41.000	162	34Alp Aqr	2.9440	5350.0	82	39169	No
119	GOM_NL__2PRFIN20090827_105543_000000512082_00037_39169_1451.N1	27-AUG-2009 10:55:43	Bright	51.000	61	8Eps Peg	2.1000	3900.0	102	39169	No
120	GOM_NL__2PRFIN20090827_110320_000000672082_00037_39169_1452.N1	27-AUG-2009 11:03:20	Bright	67.000	164	44Eta Peg	2.9480	5400.0	134	39169	No
121	GOM_NL__2PRFIN20090827_111409_000000452082_00037_39169_1453.N1	27-AUG-2009 11:14:09	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	39169	No
122	GOM_NL__2PRFIN20090827_111620_000000472082_00037_39169_1454.N1	27-AUG-2009 11:16:20	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	39169	No
123	GOM_NL__2PRFIN20090827_113033_000000552082_00037_39169_1455.N1	27-AUG-2009 11:30:33	Bright	55.000	6	13Alp Aur	0.080000	3400.0	110	39169	No
124	GOM_NL__2PRFIN20090827_113358_000000442082_00037_39169_1456.N1	27-AUG-2009 11:33:58	Bright	44.000	107	37The Aur	2.6490	11000.	88	39169	No
125	GOM_NL__2PRFIN20090827_113731_000000622082_00037_39169_1457.N1	27-AUG-2009 11:37:31	Tw_i_and_stray	61.500	28	12Bet Tau	1.6500	15200.	123	39169	No
126	GOM_NL__2PRFIN20090827_114031_000000502082_00037_39169_1458.N1	27-AUG-2009 11:40:31	Tw_i_and_stray	50.000	44	24Gam Gem	1.9280	11000.	100	39169	No
127	GOM_NL__2PRFIN20090827_114442_000000592082_00037_39169_1459.N1	27-AUG-2009 11:44:42	Dark	59.000	14	58Alp Ori	0.87000	3000.0	118	39169	No
128	GOM_NL__2PRFIN20090827_114634_000000442082_00037_39169_1460.N1	27-AUG-2009 11:46:34	Dark	44.000	27	24Gam Ori	1.6360	26000.	88	39169	No
129	GOM_NL__2PRFIN20090827_114831_000000572082_00037_39169_1461.N1	27-AUG-2009 11:48:31	Dark	57.000	30	46Eps Ori	1.6940	30000.	114	39169	No
130	GOM_NL__2PRFIN20090827_115026_000000502082_00037_39169_1462.N1	27-AUG-2009 11:50:26	Dark	50.000	56	53Kap Ori	2.0650	30000.	100	39169	No
131	GOM_NL__2PRFIN20090827_115210_000000762082_00037_39169_1463.N1	27-AUG-2009 11:52:10	Dark	75.500	7	19Bet Ori	0.10000	14000.	151	39169	No
132	GOM_NL__2PRFIN20090827_115434_000000502082_00037_39169_1464.N1	27-AUG-2009 11:54:34	Dark	50.000	139	9Bet Lep	2.8330	5600.0	100	39169	No
133	GOM_NL__2PRFIN20090827_120826_000000532082_00038_39170_1462.N1	27-AUG-2009 12:08:26	Dark	53.000	157	The1Eri	2.9060	9300.0	106	39170	No
134	GOM_NL__2PRFIN20090827_121700_000000512082_00038_39170_1463.N1	27-AUG-2009 12:17:00	Straylight	50.500	84	Alp Phe	2.3970	4500.0	101	39170	No
135	GOM_NL__2PRFIN20090827_122329_000000482082_00038_39170_1464.N1	27-AUG-2009 12:23:29	Straylight	47.500	18	24Alp PsA	1.1660	9700.0	95	39170	No
136	GOM_NL__2PRFIN20090827_123317_000000402082_00038_39170_1465.N1	27-AUG-2009 12:33:17	Bright	40.000	162	34Alp Aqr	2.9440	5350.0	80	39170	No
137	GOM_NL__2PRFIN20090827_123618_000000382082_00038_39170_1466.N1	27-AUG-2009 12:36:18	Bright	38.000	61	8Eps Peg	2.1000	3900.0	76	39170	No
138	GOM_NL__2PRFIN20090827_124355_000000452082_00038_39170_1467.N1	27-AUG-2009 12:43:55	Bright	45.000	164	44Eta Peg	2.9480	5400.0	90	39170	No
139	GOM_NL__2PRFIN20090827_125444_000000462082_00038_39170_1468.N1	27-AUG-2009 12:54:44	Bright	46.000	74	11Bet Cas	2.2680	6600.0	92	39170	No
140	GOM_NL__2PRFIN20090827_131109_000000572082_00038_39170_1469.N1	27-AUG-2009 13:11:09	Bright	57.000	6	13Alp Aur	0.080000	3400.0	114	39170	No
141	GOM_NL__2PRFIN20090827_131435_000000442082_00038_39170_1470.N1	27-AUG-2009 13:14:35	Bright	43.500	107	37The Aur	2.6490	11000.	87	39170	No
142	GOM_NL__2PRFIN20090827_131807_000000632082_00038_39170_1471.N1	27-AUG-2009 13:18:07	Tw_i_and_stray	62.500	28	12Bet Tau	1.6500	15200.	125	39170	No
143	GOM_NL__2PRFIN20090827_132107_000000492082_00038_39170_1472.N1	27-AUG-2009 13:21:07	Tw_i_and_stray	48.500	44	24Gam Gem	1.9280	11000.	97	39170	No
144	GOM_NL__2PRFIN20090827_132519_000000662082_00038_39170_1473.N1	27-AUG-2009 13:25:19	Dark	66.000	14	58Alp Ori	0.87000	3000.0	132	39170	No
145	GOM_NL__2PRFIN20090827_132710_000000362082_00038_39170_1474.N1	27-AUG-2009 13:27:10	Dark	36.000	27	24Gam Ori	1.6360	26000.	72	39170	No
146	GOM_NL__2PRFIN20090827_132908_000000612082_00038_39170_1475.N1	27-AUG-2009 13:29:08	Dark	60.500	30	46Eps Ori	1.6940	30000.	121	39170	No
147	GOM_NL__2PRFIN20090827_133103_000000522082_00038_39170_1476.N1	27-AUG-2009 13:31:03	Dark	52.000	56	53Kap Ori	2.0650	30000.	104	39170	No
148	GOM_NL__2PRFIN20090827_133247_000000762082_00038_39170_1477.N1	27-AUG-2009 13:32:47	Dark	76.000	7	19Bet Ori	0.10000	14000.	152	39170	No
149	GOM_NL__2PRFIN20090827_133511_000000492082_00038_39170_1478.N1	27-AUG-2009 13:35:11	Dark	48.500	139	9Bet Lep	2.8330	5600.0	97	39170	No
150	GOM_NL__2PRFIN20090827_134903_000000532082_00039_39171_1473.N1	27-AUG-2009 13:49:03	Dark	53.000	157	The1Eri	2.9060	9300.0	106	39171	No
151	GOM_NL__2PRFIN20090827_135737_000000522082_00039_39171_1474.N1	27-AUG-2009 13:57:37	Straylight	51.500	84	Alp Phe	2.3970	4500.0	103	39171	No
152	GOM_NL__2PRFIN20090827_140405_000000472082_00039_39171_1475.N1	27-AUG-2009 14:04:05	Straylight	47.000	18	24Alp PsA	1.1660	9700.0	94	39171	No
153	GOM_NL__2PRFIN20090827_141352_000000402082_00039_39171_1476.N1	27-AUG-2009 14:13:52	Bright	40.000	162	34Alp Aqr	2.9440	5350.0	80	39171	No
154	GOM_NL__2PRFIN20090827_141654_000000562082_00039_39171_1477.N1	27-AUG-2009 14:16:54	Bright	56.000	61	8Eps Peg	2.1000	3900.0	112	39171	No
155	GOM_NL__2PRFIN20090827_142430_000000452082_00039_39171_1478.N1	27-AUG-2009 14:24:30	Bright	44.500	164	44Eta Peg	2.9480	5400.0	89	39171	No
156	GOM_NL__2PRFIN20090827_143519_000000432082_00039_39171_1479.N1	27-AUG-2009 14:35:19	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	39171	No
157	GOM_NL__2PRFIN20090827_143731_000000452082_00039_39171_1480.N1	27-AUG-2009 14:37:31	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	39171	No
158	GOM_NL__2PRFIN20090827_145144_000000572082_00039_39171_1481.N1	27-AUG-2009 14:51:44	Bright	57.000	6	13Alp Aur	0.080000	3400.0	114	39171	No
159	GOM_NL__2PRFIN20090827_145510_000000452082_00039_39171_1482.N1	27-AUG-2009 14:55:10	Bright	45.000	107	37The Aur	2.6490	11000.	90	39171	No
160	GOM_NL__2PRFIN20090827_145844_000000612082_00039_39171_1483.N1	27-AUG-2009 14:58:44	Tw_i_and_stray	61.000	28	12Bet Tau	1.6500	15200.	122	39171	No

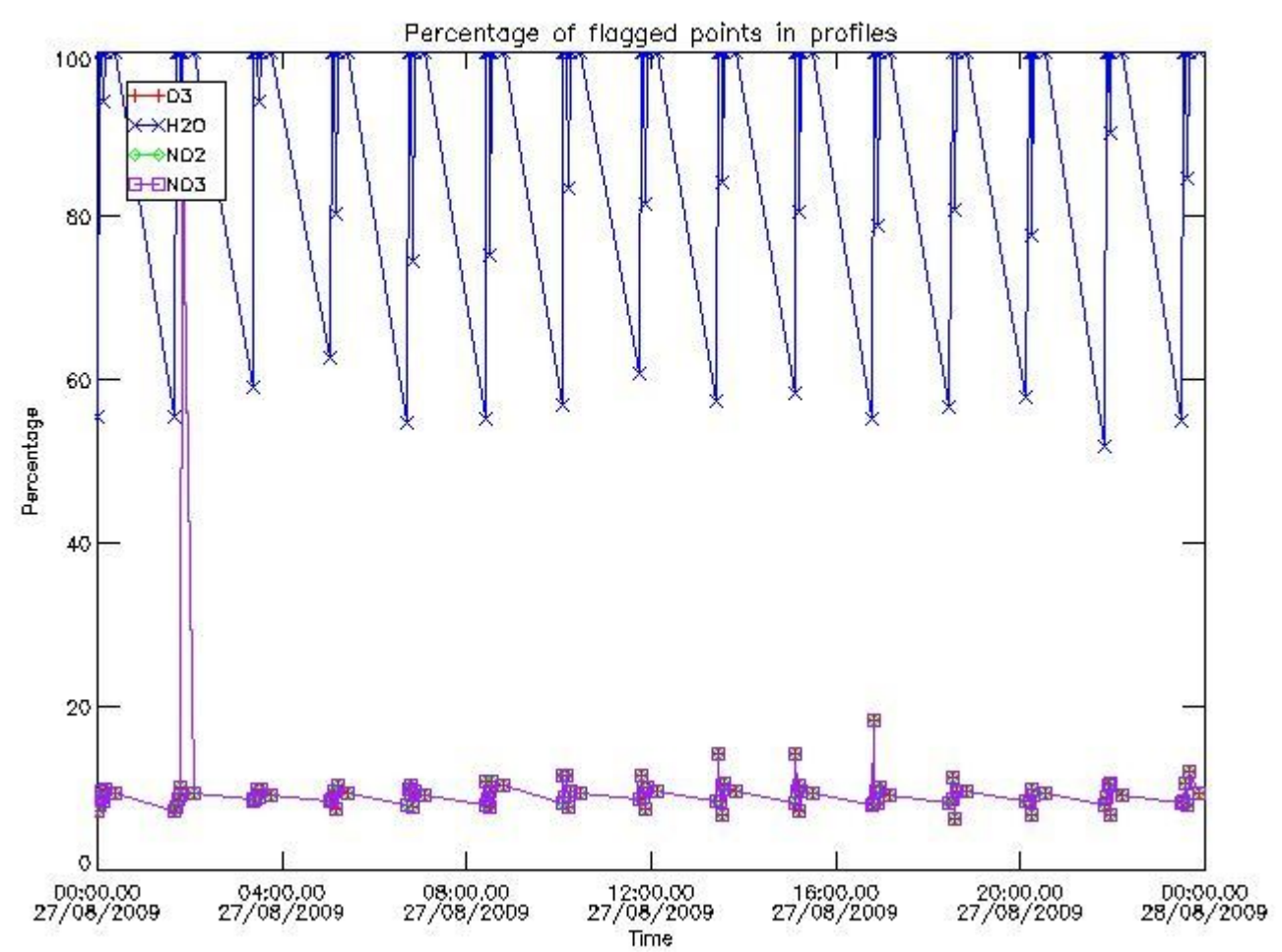
161	GOM_NL__2PRFIN20090827_150143_000000482082_00039_39171_1484.N1	27-AUG-2009 15:01:43	Twilight	48.000	44	24Gam Gem	1.9280	11000.	96	39171	No
162	GOM_NL__2PRFIN20090827_150555_000000622082_00039_39171_1485.N1	27-AUG-2009 15:05:55	Dark	61.500	14	58Alp Ori	0.87000	3000.0	123	39171	No
163	GOM_NL__2PRFIN20090827_150747_000000362082_00039_39171_1486.N1	27-AUG-2009 15:07:47	Dark	36.000	27	24Gam Ori	1.6360	26000.	72	39171	No
164	GOM_NL__2PRFIN20090827_150944_000000582082_00039_39171_1487.N1	27-AUG-2009 15:09:44	Dark	57.500	30	46Eps Ori	1.6940	30000.	115	39171	No
165	GOM_NL__2PRFIN20090827_151140_000000492082_00039_39171_1488.N1	27-AUG-2009 15:11:40	Dark	49.000	56	53Kap Ori	2.0650	30000.	98	39171	No
166	GOM_NL__2PRFIN20090827_151325_000000702082_00039_39171_1489.N1	27-AUG-2009 15:13:25	Dark	70.000	7	19Bet Ori	0.10000	14000.	140	39171	No
167	GOM_NL__2PRFIN20090827_151548_000000532082_00039_39171_1490.N1	27-AUG-2009 15:15:48	Dark	52.500	139	9Bet Lep	2.8330	5600.0	105	39171	No
168	GOM_NL__2PRFIN20090827_152941_000000552082_00040_39172_1510.N1	27-AUG-2009 15:29:41	Dark	54.500	157	The1Eri	2.9060	9300.0	109	39172	No
169	GOM_NL__2PRFIN20090827_153813_000000502082_00040_39172_1511.N1	27-AUG-2009 15:38:13	Straylight	50.000	84	Alp Phe	2.3970	4500.0	100	39172	No
170	GOM_NL__2PRFIN20090827_154441_000000482082_00040_39172_1512.N1	27-AUG-2009 15:44:41	Straylight	47.500	18	24Alp PsA	1.1660	9700.0	95	39172	No
171	GOM_NL__2PRFIN20090827_155428_000000422082_00040_39172_1513.N1	27-AUG-2009 15:54:28	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	39172	No
172	GOM_NL__2PRFIN20090827_155730_000000562082_00040_39172_1514.N1	27-AUG-2009 15:57:30	Bright	56.000	61	8Eps Peg	2.1000	3900.0	112	39172	No
173	GOM_NL__2PRFIN20090827_160506_000000452082_00040_39172_1515.N1	27-AUG-2009 16:05:06	Bright	45.000	164	44Eta Peg	2.9480	5400.0	90	39172	No
174	GOM_NL__2PRFIN20090827_161554_000000422082_00040_39172_1516.N1	27-AUG-2009 16:15:54	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	39172	No
175	GOM_NL__2PRFIN20090827_161806_000000472082_00040_39172_1517.N1	27-AUG-2009 16:18:06	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	39172	No
176	GOM_NL__2PRFIN20090827_163220_000000552082_00040_39172_1518.N1	27-AUG-2009 16:32:20	Bright	54.500	6	13Alp Aur	0.080000	3400.0	109	39172	No
177	GOM_NL__2PRFIN20090827_163546_000000442082_00040_39172_1519.N1	27-AUG-2009 16:35:46	Bright	44.000	107	37The Aur	2.6490	11000.	88	39172	No
178	GOM_NL__2PRFIN20090827_163920_000000582082_00040_39172_1520.N1	27-AUG-2009 16:39:20	Twilight	58.000	28	12Bet Tau	1.6500	15200.	116	39172	No
179	GOM_NL__2PRFIN20090827_164220_000000482082_00040_39172_1521.N1	27-AUG-2009 16:42:20	Twilight	47.500	44	24Gam Gem	1.9280	11000.	95	39172	No
180	GOM_NL__2PRFIN20090827_164632_000000642082_00040_39172_1522.N1	27-AUG-2009 16:46:32	Dark	64.000	14	58Alp Ori	0.87000	3000.0	128	39172	No
181	GOM_NL__2PRFIN20090827_164824_000000282082_00040_39172_1523.N1	27-AUG-2009 16:48:24	Dark	28.000	27	24Gam Ori	1.6360	26000.	56	39172	No
182	GOM_NL__2PRFIN20090827_165021_000000622082_00040_39172_1524.N1	27-AUG-2009 16:50:21	Dark	61.500	30	46Eps Ori	1.6940	30000.	123	39172	No
183	GOM_NL__2PRFIN20090827_165217_000000542082_00040_39172_1525.N1	27-AUG-2009 16:52:17	Dark	53.500	56	53Kap Ori	2.0650	30000.	107	39172	No
184	GOM_NL__2PRFIN20090827_165402_000000692082_00040_39172_1526.N1	27-AUG-2009 16:54:02	Dark	68.500	7	19Bet Ori	0.10000	14000.	137	39172	No
185	GOM_NL__2PRFIN20090827_165625_000000512082_00040_39172_1527.N1	27-AUG-2009 16:56:25	Dark	50.500	139	9Bet Lep	2.8330	5600.0	101	39172	No
186	GOM_NL__2PRFIN20090827_171018_000000552082_00041_39173_1519.N1	27-AUG-2009 17:10:18	Dark	55.000	157	The1Eri	2.9060	9300.0	110	39173	No
187	GOM_NL__2PRFIN20090827_171850_000000532082_00041_39173_1520.N1	27-AUG-2009 17:18:50	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	39173	No
188	GOM_NL__2PRFIN20090827_172518_000000482082_00041_39173_1521.N1	27-AUG-2009 17:25:18	Straylight	47.500	18	24Alp PsA	1.1660	9700.0	95	39173	No
189	GOM_NL__2PRFIN20090827_173504_000000412082_00041_39173_1522.N1	27-AUG-2009 17:35:04	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	39173	No
190	GOM_NL__2PRFIN20090827_173806_000000412082_00041_39173_1523.N1	27-AUG-2009 17:38:06	Bright	41.000	61	8Eps Peg	2.1000	3900.0	82	39173	No
191	GOM_NL__2PRFIN20090827_174541_000000442082_00041_39173_1524.N1	27-AUG-2009 17:45:41	Bright	43.500	164	44Eta Peg	2.9480	5400.0	87	39173	No
192	GOM_NL__2PRFIN20090827_175630_000000472082_00041_39173_1525.N1	27-AUG-2009 17:56:30	Bright	46.500	74	11Bet Cas	2.2680	6600.0	93	39173	No
193	GOM_NL__2PRFIN20090827_175841_000000482082_00041_39173_1526.N1	27-AUG-2009 17:58:41	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	39173	No
194	GOM_NL__2PRFIN20090827_181256_000000582082_00041_39173_1527.N1	27-AUG-2009 18:12:56	Bright	57.500	6	13Alp Aur	0.080000	3400.0	115	39173	No
195	GOM_NL__2PRFIN20090827_181622_000000462082_00041_39173_1528.N1	27-AUG-2009 18:16:22	Bright	46.000	107	37The Aur	2.6490	11000.	92	39173	No
196	GOM_NL__2PRFIN20090827_181956_000000652082_00041_39173_1529.N1	27-AUG-2009 18:19:56	Twilight	64.500	28	12Bet Tau	1.6500	15200.	129	39173	No
197	GOM_NL__2PRFIN20090827_182256_000000472082_00041_39173_1530.N1	27-AUG-2009 18:22:56	Twilight	47.000	44	24Gam Gem	1.9280	11000.	94	39173	No
198	GOM_NL__2PRFIN20090827_182708_000000622082_00041_39173_1531.N1	27-AUG-2009 18:27:08	Dark	61.500	14	58Alp Ori	0.87000	3000.0	123	39173	No
199	GOM_NL__2PRFIN20090827_183058_000000592082_00041_39173_1532.N1	27-AUG-2009 18:30:58	Dark	58.500	30	46Eps Ori	1.6940	30000.	117	39173	No
200	GOM_NL__2PRFIN20090827_183254_000000492082_00041_39173_1533.N1	27-AUG-2009 18:32:54	Dark	49.000	56	53Kap Ori	2.0650	30000.	98	39173	No
201	GOM_NL__2PRFIN20090827_183439_000000812082_00041_39173_1534.N1	27-AUG-2009 18:34:39	Dark	80.500	7	19Bet Ori	0.10000	14000.	161	39173	No
202	GOM_NL__2PRFIN20090827_183702_000000532082_00041_39173_1535.N1	27-AUG-2009 18:37:02	Dark	52.500	139	9Bet Lep	2.8330	5600.0	105	39173	No
203	GOM_NL__2PRFIN20090827_185055_000000542082_00042_39174_1545.N1	27-AUG-2009 18:50:55	Dark	53.500	157	The1Eri	2.9060	9300.0	107	39174	No
204	GOM_NL__2PRFIN20090827_185927_000000472082_00042_39174_1546.N1	27-AUG-2009 18:59:27	Straylight	46.500	84	Alp Phe	2.3970	4500.0	93	39174	No
205	GOM_NL__2PRFIN20090827_190554_000000482082_00042_39174_1547.N1	27-AUG-2009 19:05:54	Straylight	47.500	18	24Alp PsA	1.1660	9700.0	95	39174	No
206	GOM_NL__2PRFIN20090827_191540_000000582082_00042_39174_1548.N1	27-AUG-2009 19:15:40	Bright	58.000	162	34Alp Aqr	2.9440	5350.0	116	39174	No
207	GOM_NL__2PRFIN20090827_191842_000000412082_00042_39174_1549.N1	27-AUG-2009 19:18:42	Bright	41.000	61	8Eps Peg	2.1000	3900.0	82	39174	No
208	GOM_NL__2PRFIN20090827_192208_000000252082_00042_39174_1550.N1	27-AUG-2009 19:22:08	Twilight	25.000	90	54Alp Peg	2.4870	11000.	50	39174	No
209	GOM_NL__2PRFIN20090827_192616_000000452082_00042_39174_1551.N1	27-AUG-2009 19:26:16	Bright	44.500	164	44Eta Peg	2.9480	5400.0	89	39174	No
210	GOM_NL__2PRFIN20090827_193705_000000462082_00042_39174_1552.N1	27-AUG-2009 19:37:05	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	39174	No
211	GOM_NL__2PRFIN20090827_193916_000000462082_00042_39174_1553.N1	27-AUG-2009 19:39:16	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	39174	No
212	GOM_NL__2PRFIN20090827_195332_000000572082_00042_39174_1554.N1	27-AUG-2009 19:53:32	Bright	57.000	6	13Alp Aur	0.080000	3400.0	114	39174	No
213	GOM_NL__2PRFIN20090827_195658_000000442082_00042_39174_1555.N1	27-AUG-2009 19:56:58	Bright	44.000	107	37The Aur	2.6490	11000.	88	39174	No
214	GOM_NL__2PRFIN20090827_200032_000000632082_00042_39174_1556.N1	27-AUG-2009 20:00:32	Twilight	63.000	28	12Bet Tau	1.6500	15200.	126	39174	No
215	GOM_NL__2PRFIN20090827_200332_000000462082_00042_39174_1557.N1	27-AUG-2009 20:03:32	Twilight	45.500	44	24Gam Gem	1.9280	11000.	91	39174	No
216	GOM_NL__2PRFIN20090827_200745_000000612082_00042_39174_1558.N1	27-AUG-2009 20:07:45	Dark	61.000	14	58Alp Ori	0.87000	3000.0	122	39174	No
217	GOM_NL__2PRFIN20090827_201135_000000602082_00042_39174_1559.N1	27-AUG-2009 20:11:35	Dark	60.000	30	46Eps Ori	1.6940	30000.	120	39174	No
218	GOM_NL__2PRFIN20090827_201331_000000522082_00042_39174_1560.N1	27-AUG-2009 20:13:31	Dark	51.500	56	53Kap Ori	2.0650	30000.	103	39174	No
219	GOM_NL__2PRFIN20090827_201516_000000762082_00042_39174_1561.N1	27-AUG-2009 20:15:16	Dark	76.000	7	19Bet Ori	0.10000	14000.	152	39174	No

220	GOM_NL__2PRFIN20090827_201739_000000552082_00042_39174_1562.N1	27-AUG-2009 20:17:39	Dark	55.000	139	9Bet Lep	2.8330	5600.0	110	39174	No
221	GOM_NL__2PRFIN20090827_203132_000000542082_00043_39175_1563.N1	27-AUG-2009 20:31:32	Dark	54.000	157	The1Eri	2.9060	9300.0	108	39175	No
222	GOM_NL__2PRFIN20090827_204003_000000512082_00043_39175_1564.N1	27-AUG-2009 20:40:03	Straylight	50.500	84	Alp Phe	2.3970	4500.0	101	39175	No
223	GOM_NL__2PRFIN20090827_204630_000000472082_00043_39175_1565.N1	27-AUG-2009 20:46:30	Straylight	46.500	18	24Alp PsA	1.1660	9700.0	93	39175	No
224	GOM_NL__2PRFIN20090827_205616_000000412082_00043_39175_1566.N1	27-AUG-2009 20:56:16	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	39175	No
225	GOM_NL__2PRFIN20090827_205918_000000562082_00043_39175_1567.N1	27-AUG-2009 20:59:18	Bright	56.000	61	8Eps Peg	2.1000	3900.0	112	39175	No
226	GOM_NL__2PRFIN20090827_210244_000000252082_00043_39175_1568.N1	27-AUG-2009 21:02:44	Twilight_stray	25.000	90	54Alp Peg	2.4870	11000.	50	39175	No
227	GOM_NL__2PRFIN20090827_210652_000000452082_00043_39175_1569.N1	27-AUG-2009 21:06:52	Bright	44.500	164	44Eta Peg	2.9480	5400.0	89	39175	No
228	GOM_NL__2PRFIN20090827_211740_000000462082_00043_39175_1570.N1	27-AUG-2009 21:17:40	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	39175	No
229	GOM_NL__2PRFIN20090827_211952_000000442082_00043_39175_1571.N1	27-AUG-2009 21:19:52	Bright	44.000	76	27Gam Cas	2.3000	30000.	88	39175	No
230	GOM_NL__2PRFIN20090827_213407_000000602082_00043_39175_1572.N1	27-AUG-2009 21:34:07	Bright	59.500	6	13Alp Aur	0.080000	3400.0	119	39175	No
231	GOM_NL__2PRFIN20090827_213734_000000472082_00043_39175_1573.N1	27-AUG-2009 21:37:34	Bright	46.500	107	37The Aur	2.6490	11000.	93	39175	No
232	GOM_NL__2PRFIN20090827_214108_000000632082_00043_39175_1574.N1	27-AUG-2009 21:41:08	Twilight_stray	62.500	28	12Bet Tau	1.6500	15200.	125	39175	No
233	GOM_NL__2PRFIN20090827_214408_000000432082_00043_39175_1575.N1	27-AUG-2009 21:44:08	Twilight_stray	42.500	44	24Gam Gem	1.9280	11000.	85	39175	No
234	GOM_NL__2PRFIN20090827_214822_000000712082_00043_39175_1576.N1	27-AUG-2009 21:48:22	Dark	71.000	14	58Alp Ori	0.87000	3000.0	142	39175	No
235	GOM_NL__2PRFIN20090827_215212_000000572082_00043_39175_1577.N1	27-AUG-2009 21:52:12	Dark	56.500	30	46Eps Ori	1.6940	30000.	113	39175	No
236	GOM_NL__2PRFIN20090827_215407_000000542082_00043_39175_1578.N1	27-AUG-2009 21:54:07	Dark	53.500	56	53Kap Ori	2.0650	30000.	107	39175	No
237	GOM_NL__2PRFIN20090827_215554_000000762082_00043_39175_1579.N1	27-AUG-2009 21:55:54	Dark	76.000	7	19Bet Ori	0.10000	14000.	152	39175	No
238	GOM_NL__2PRFIN20090827_215816_000000532082_00043_39175_1580.N1	27-AUG-2009 21:58:16	Dark	53.000	139	9Bet Lep	2.8330	5600.0	106	39175	No
239	GOM_NL__2PRFIN20090827_221209_000000552082_00044_39176_1578.N1	27-AUG-2009 22:12:09	Dark	55.000	157	The1Eri	2.9060	9300.0	110	39176	No
240	GOM_NL__2PRFIN20090827_222040_000000512082_00044_39176_1579.N1	27-AUG-2009 22:20:40	Straylight	50.500	84	Alp Phe	2.3970	4500.0	101	39176	No
241	GOM_NL__2PRFIN20090827_222706_000000482082_00044_39176_1580.N1	27-AUG-2009 22:27:06	Straylight	47.500	18	24Alp PsA	1.1660	9700.0	95	39176	No
242	GOM_NL__2PRFIN20090827_223652_000000582082_00044_39176_1581.N1	27-AUG-2009 22:36:52	Bright	58.000	162	34Alp Aqr	2.9440	5350.0	116	39176	No
243	GOM_NL__2PRFIN20090827_224319_000000322082_00044_39176_1582.N1	27-AUG-2009 22:43:19	Twilight_stray	32.000	90	54Alp Peg	2.4870	11000.	64	39176	No
244	GOM_NL__2PRFIN20090827_224727_000000452082_00044_39176_1583.N1	27-AUG-2009 22:47:27	Bright	44.500	164	44Eta Peg	2.9480	5400.0	89	39176	No
245	GOM_NL__2PRFIN20090827_225815_000000462082_00044_39176_1584.N1	27-AUG-2009 22:58:15	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	39176	No
246	GOM_NL__2PRFIN20090827_230027_000000442082_00044_39176_1585.N1	27-AUG-2009 23:00:27	Bright	43.500	76	27Gam Cas	2.3000	30000.	87	39176	No
247	GOM_NL__2PRFIN20090827_231443_000000602082_00044_39176_1586.N1	27-AUG-2009 23:14:43	Bright	59.500	6	13Alp Aur	0.080000	3400.0	119	39176	No
248	GOM_NL__2PRFIN20090827_231810_000000472082_00044_39176_1587.N1	27-AUG-2009 23:18:10	Bright	47.000	107	37The Aur	2.6490	11000.	94	39176	No
249	GOM_NL__2PRFIN20090827_232145_000000552082_00044_39176_1588.N1	27-AUG-2009 23:21:45	Twilight_stray	55.000	28	12Bet Tau	1.6500	15200.	110	39176	No
250	GOM_NL__2PRFIN20090827_232445_000000472082_00044_39176_1589.N1	27-AUG-2009 23:24:45	Twilight_stray	47.000	44	24Gam Gem	1.9280	11000.	94	39176	No
251	GOM_NL__2PRFIN20090827_232858_000000682082_00044_39176_1590.N1	27-AUG-2009 23:28:58	Dark	68.000	14	58Alp Ori	0.87000	3000.0	136	39176	No
252	GOM_NL__2PRFIN20090827_233249_000000602082_00044_39176_1591.N1	27-AUG-2009 23:32:49	Dark	60.000	30	46Eps Ori	1.6940	30000.	120	39176	No
253	GOM_NL__2PRFIN20090827_233444_000000532082_00044_39176_1592.N1	27-AUG-2009 23:34:44	Dark	52.500	56	53Kap Ori	2.0650	30000.	105	39176	No
254	GOM_NL__2PRFIN20090827_233631_000000722082_00044_39176_1593.N1	27-AUG-2009 23:36:31	Dark	71.500	7	19Bet Ori	0.10000	14000.	143	39176	No
255	GOM_NL__2PRFIN20090827_233852_000000512082_00044_39176_1594.N1	27-AUG-2009 23:38:52	Dark	51.000	139	9Bet Lep	2.8330	5600.0	102	39176	No
256	GOM_NL__2PRFIN20090827_235246_000000552082_00045_39177_1594.N1	27-AUG-2009 23:52:46	Dark	54.500	157	The1Eri	2.9060	9300.0	109	39177	No

### 3. Quality information per product

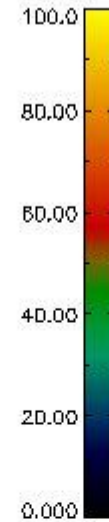
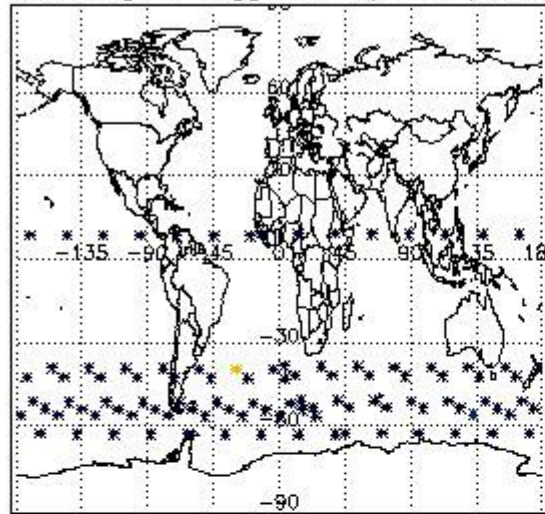
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

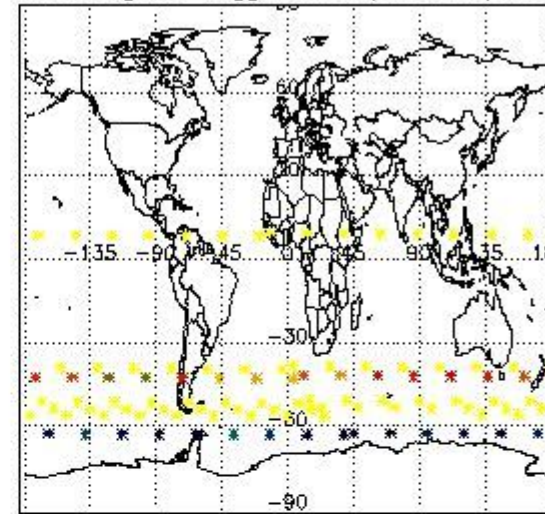


3.2 Plot quality information per product (world map)

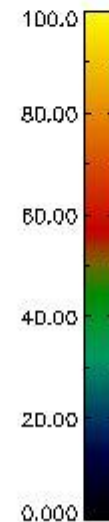
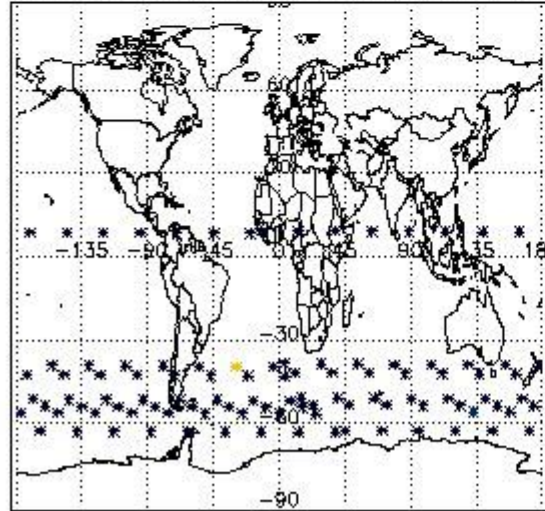
Percentage of flagged data per O3 profile



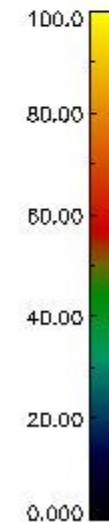
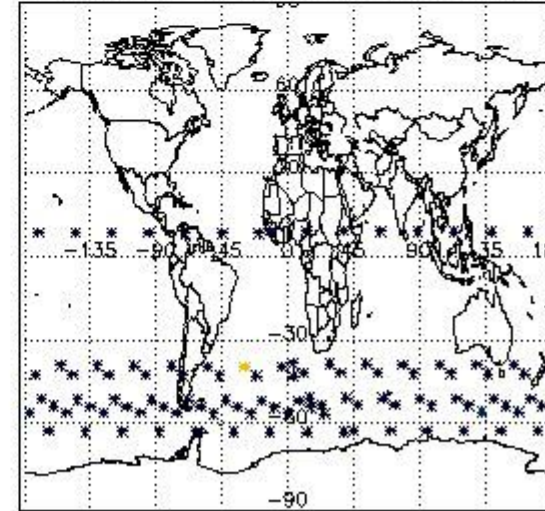
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



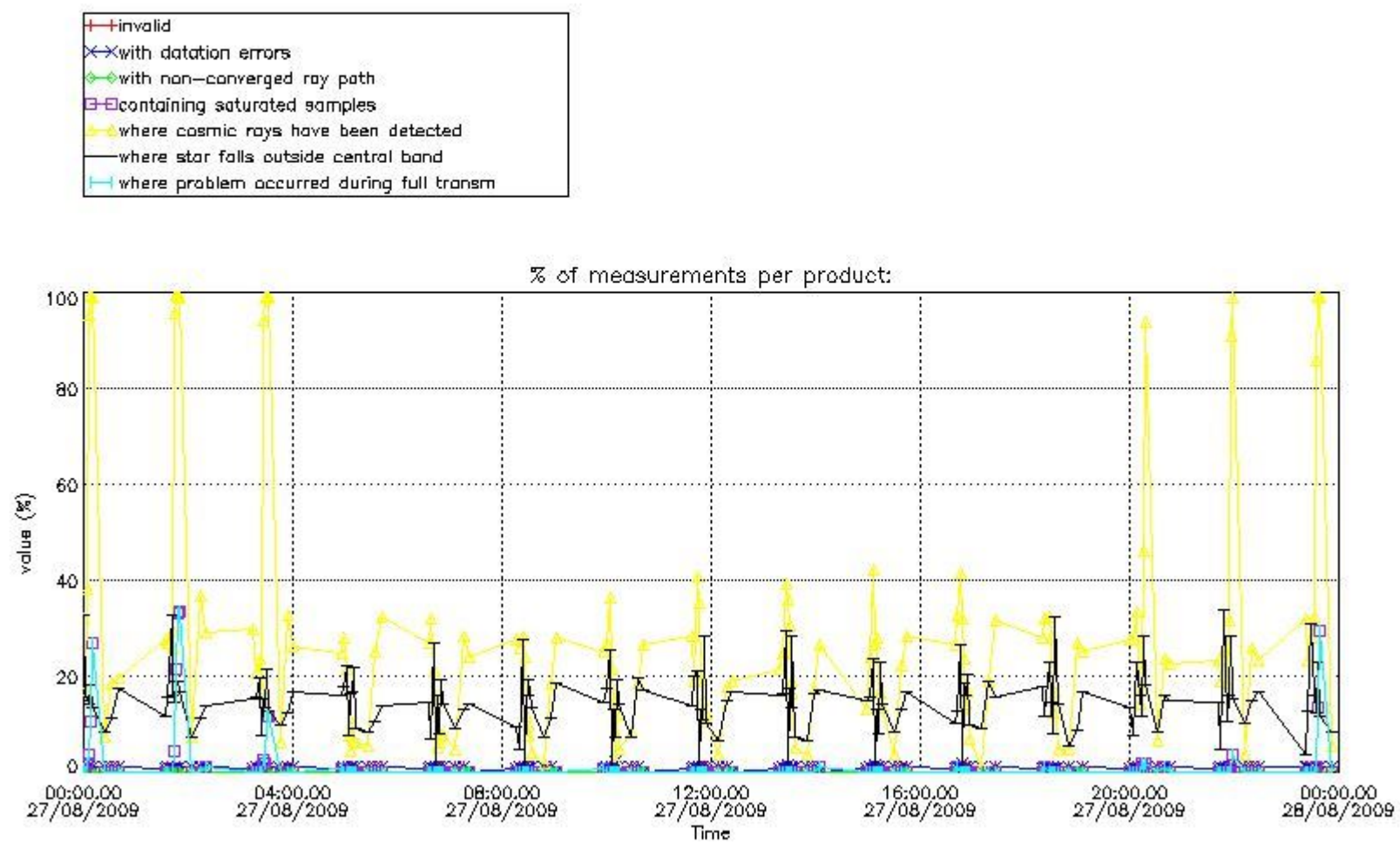
#### 4. Level 1 quality information per product

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.

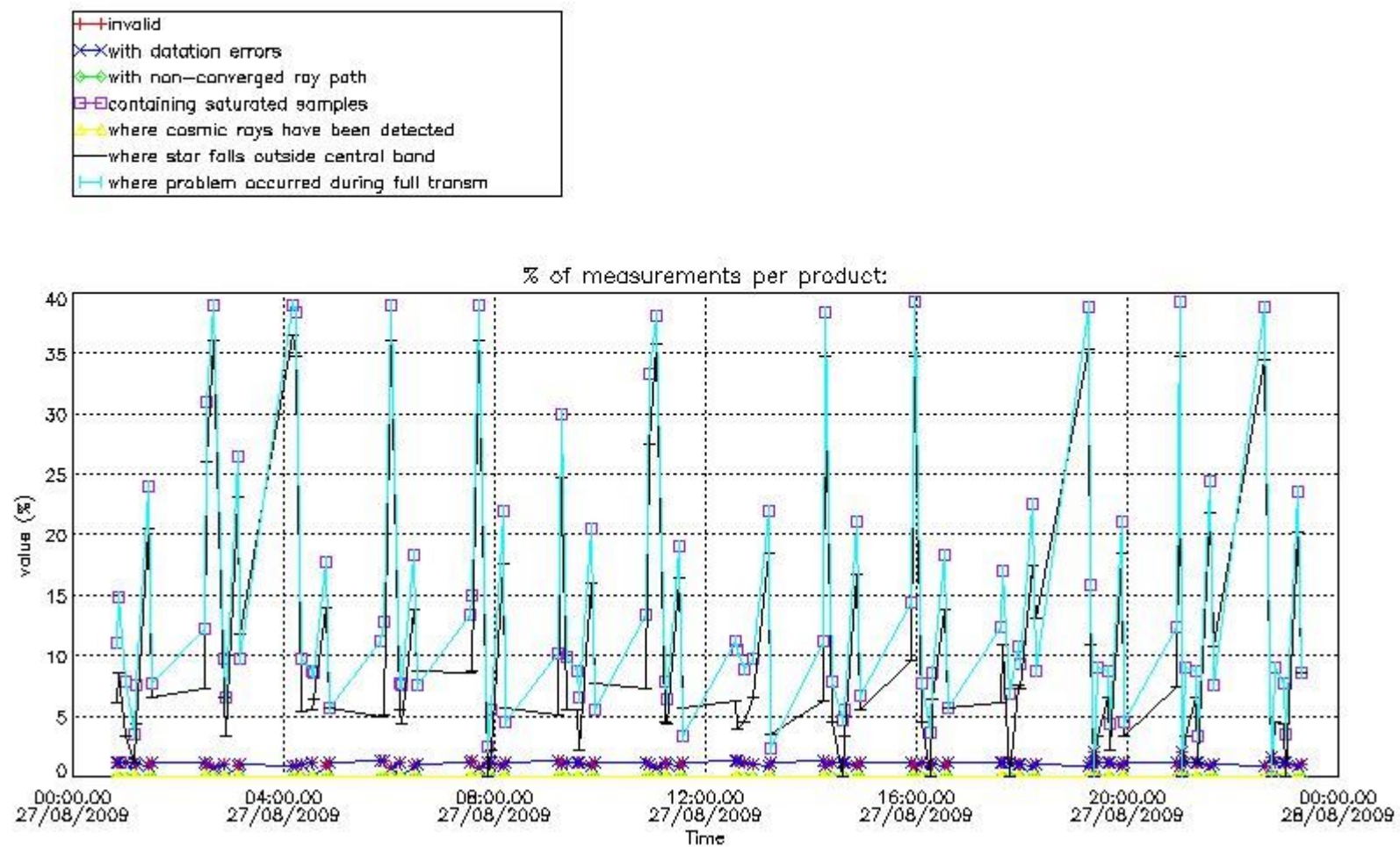
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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



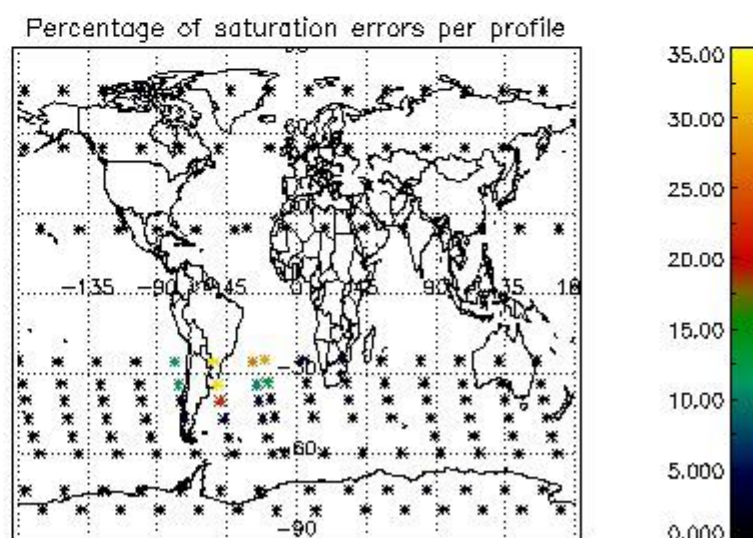
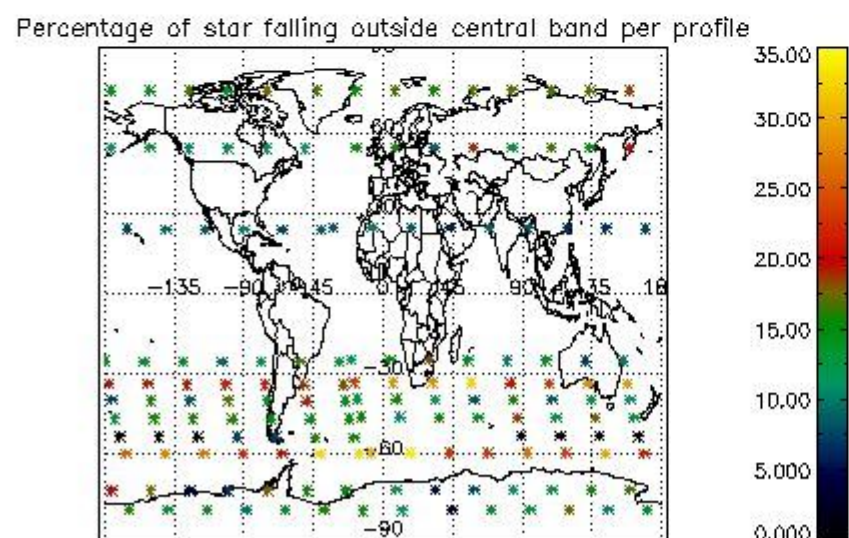
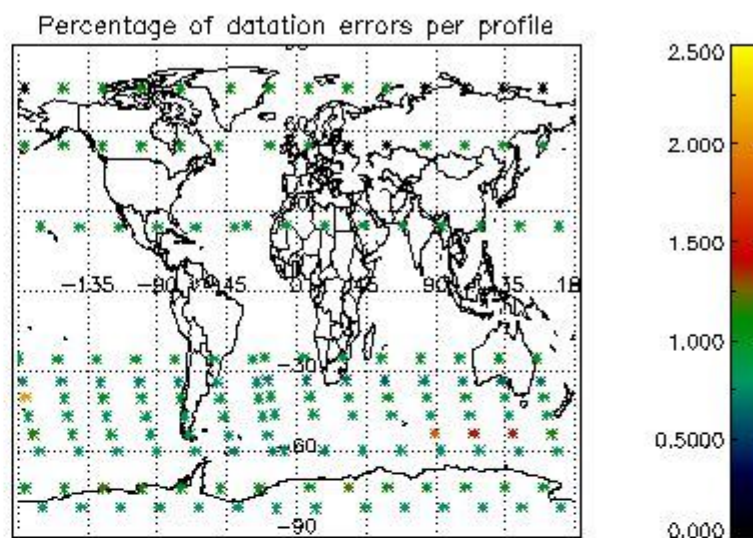
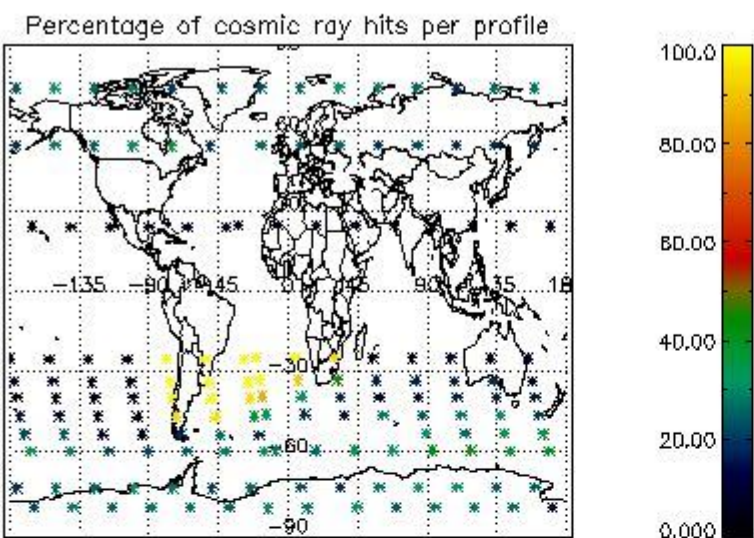


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

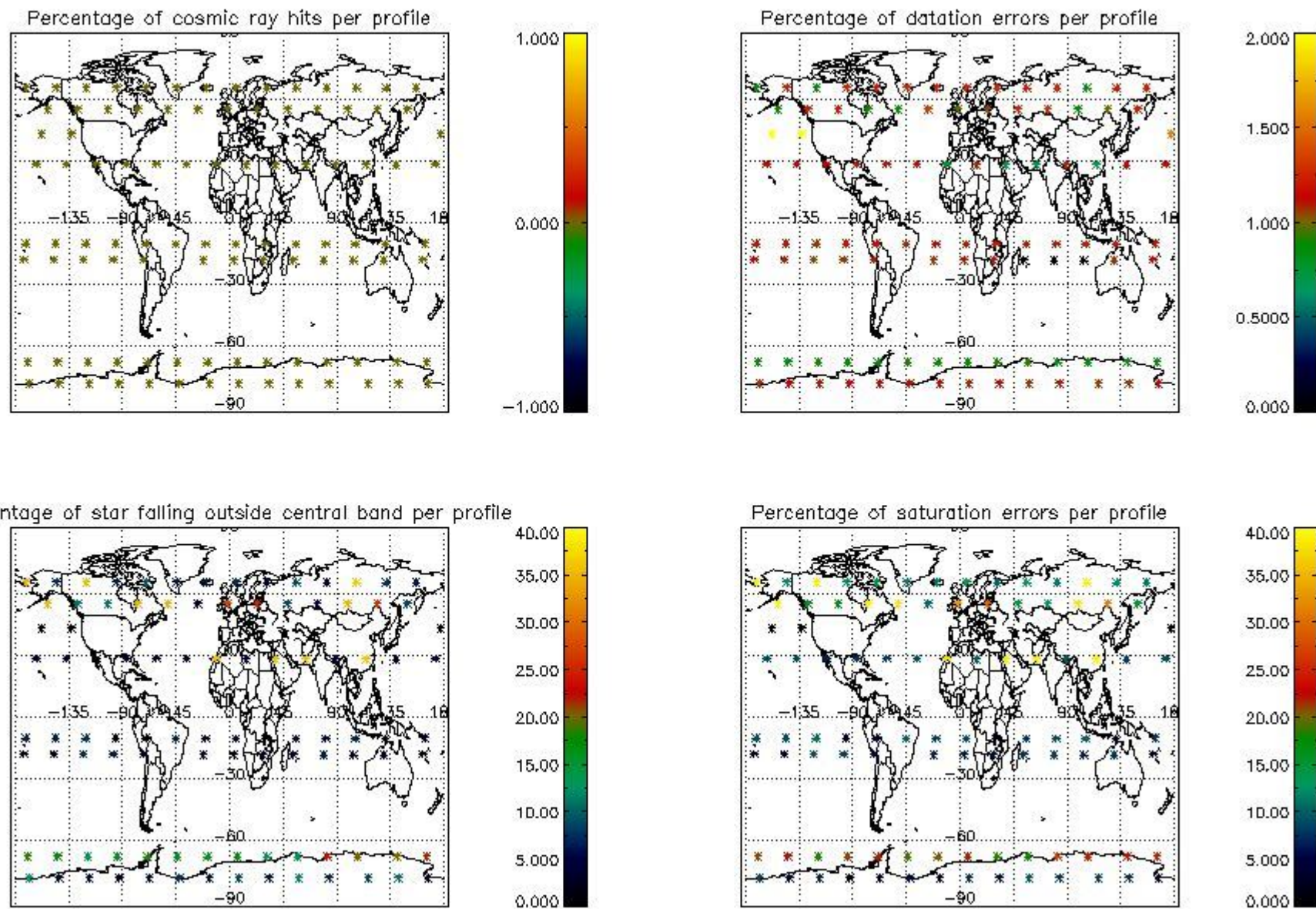


4.2 Plot quality information per product coming from level 1b processing (world map)

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



## 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

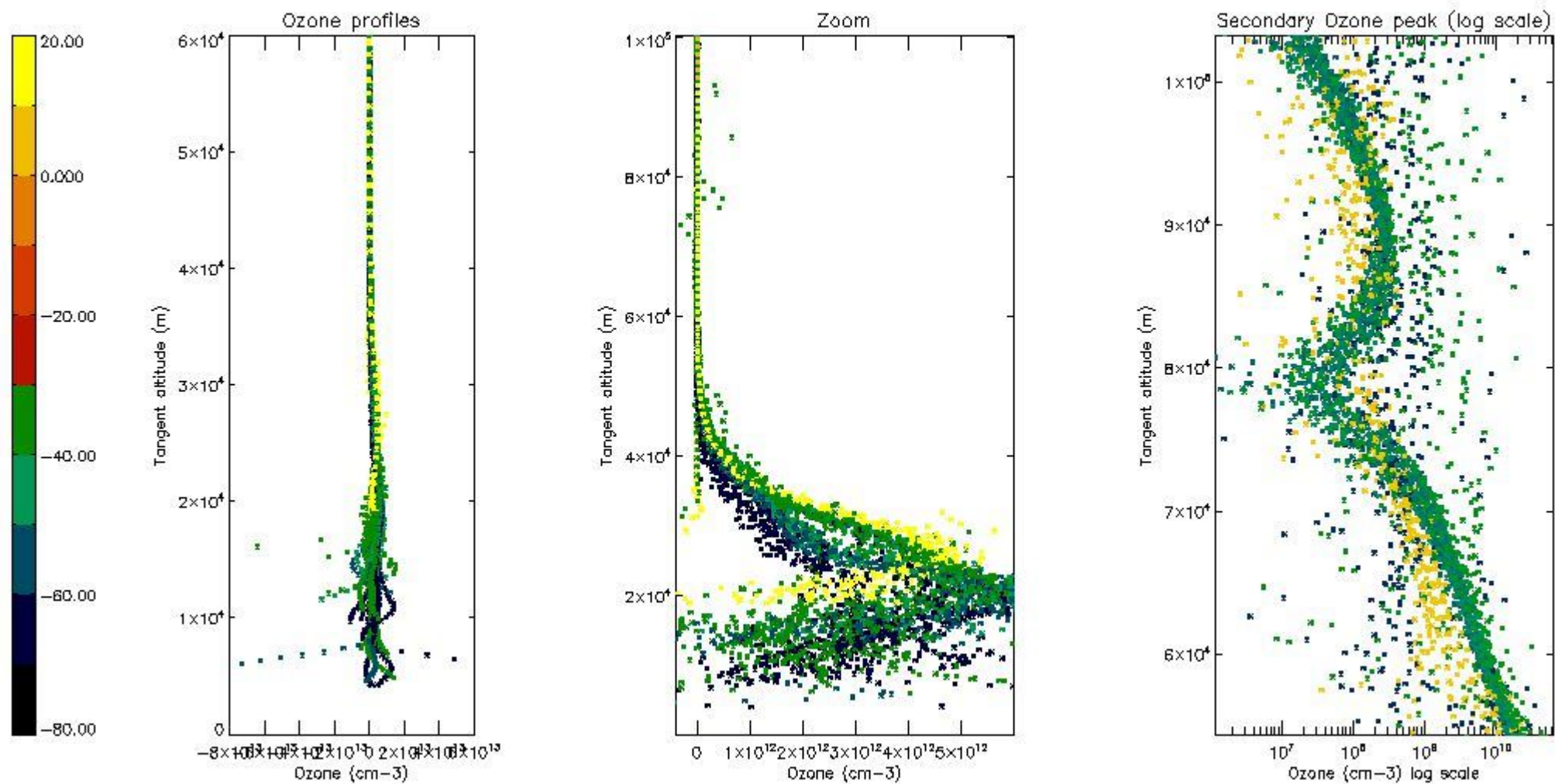
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	44
STD < 20	24

STD < 10	19
STD < 5	13

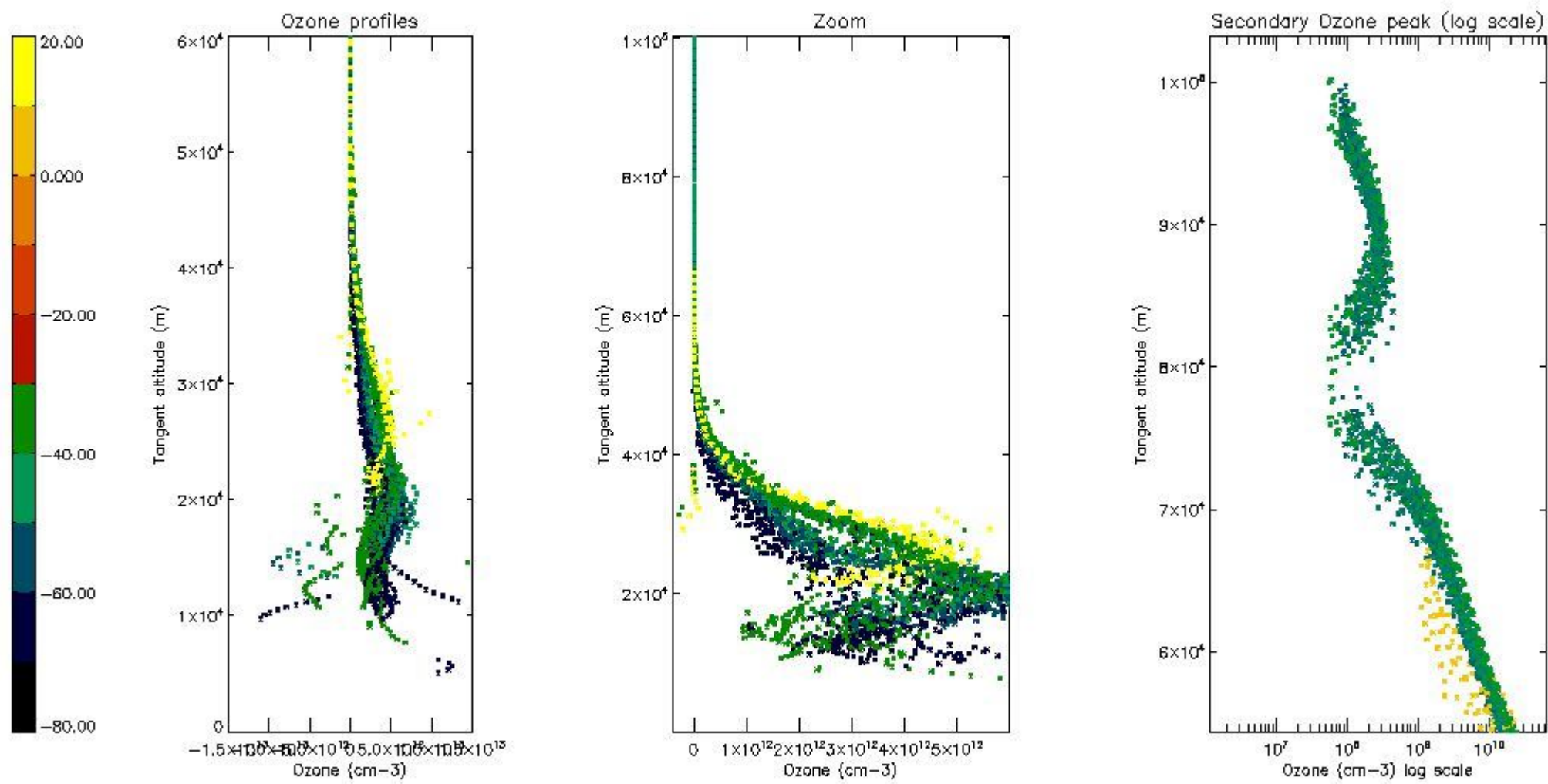
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



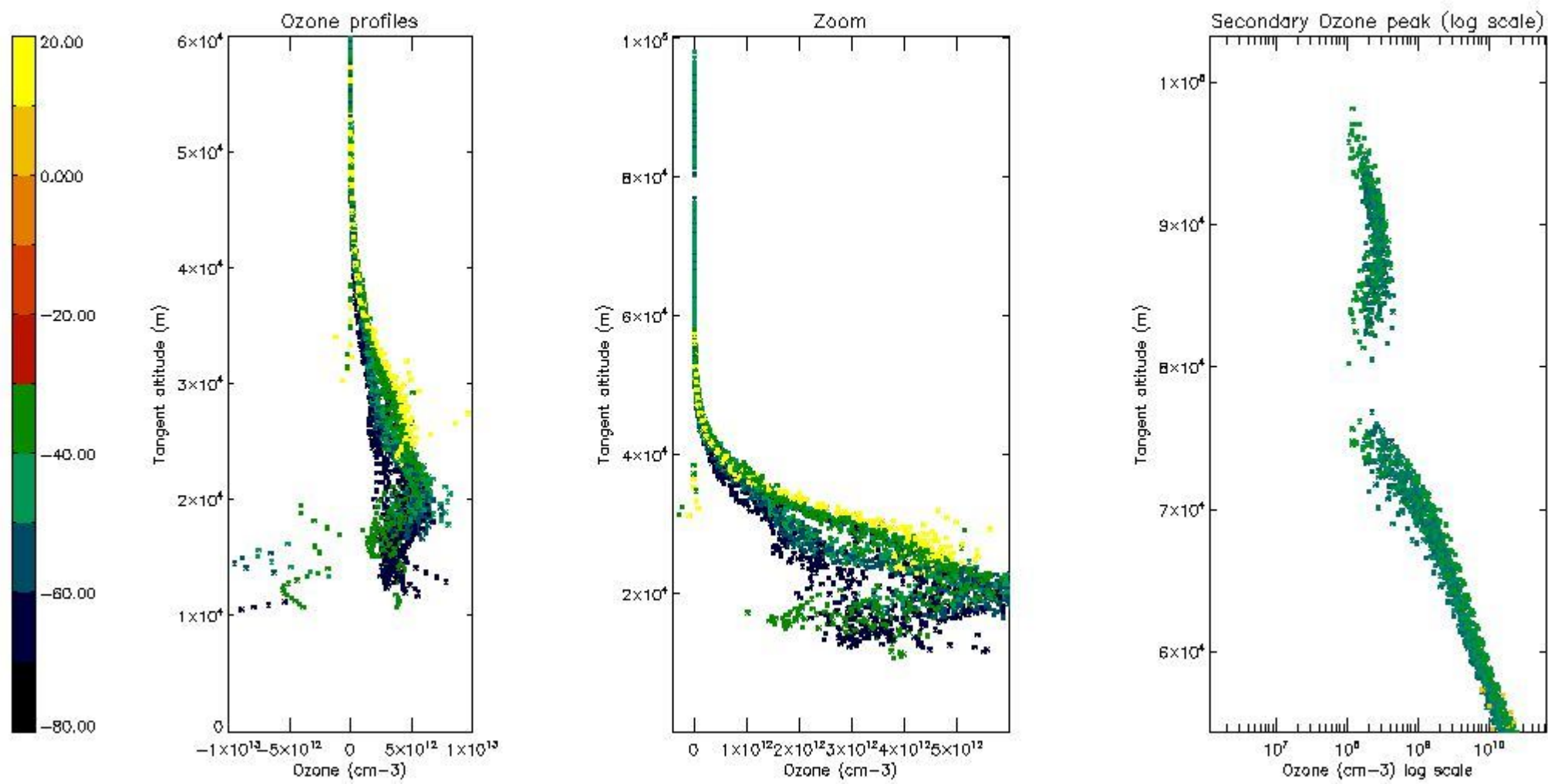
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



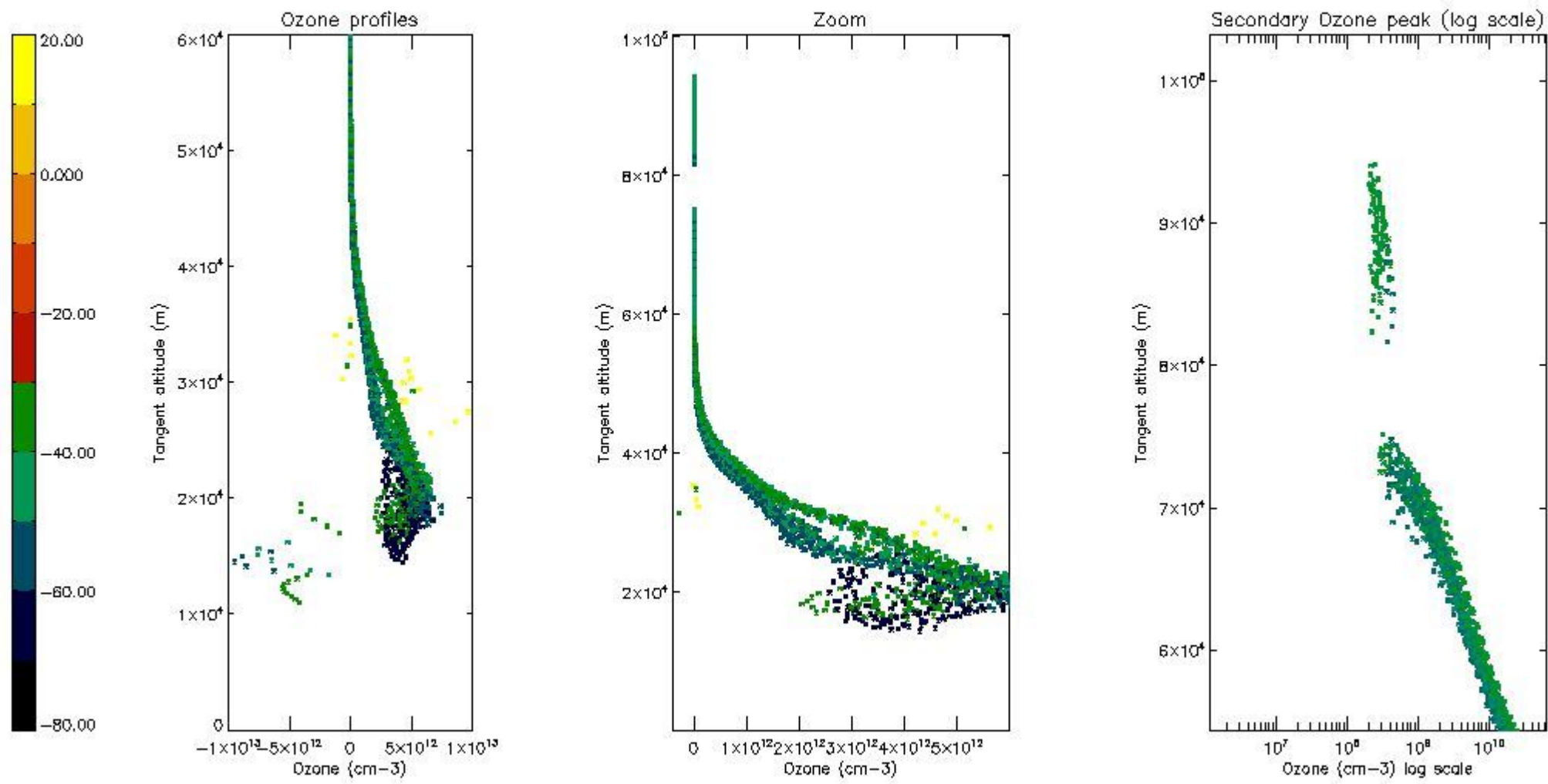
*5.4 Plot ozone profiles where  $STD < 10\%$  (dark without errors)*

The colorbar represents the latitude.



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

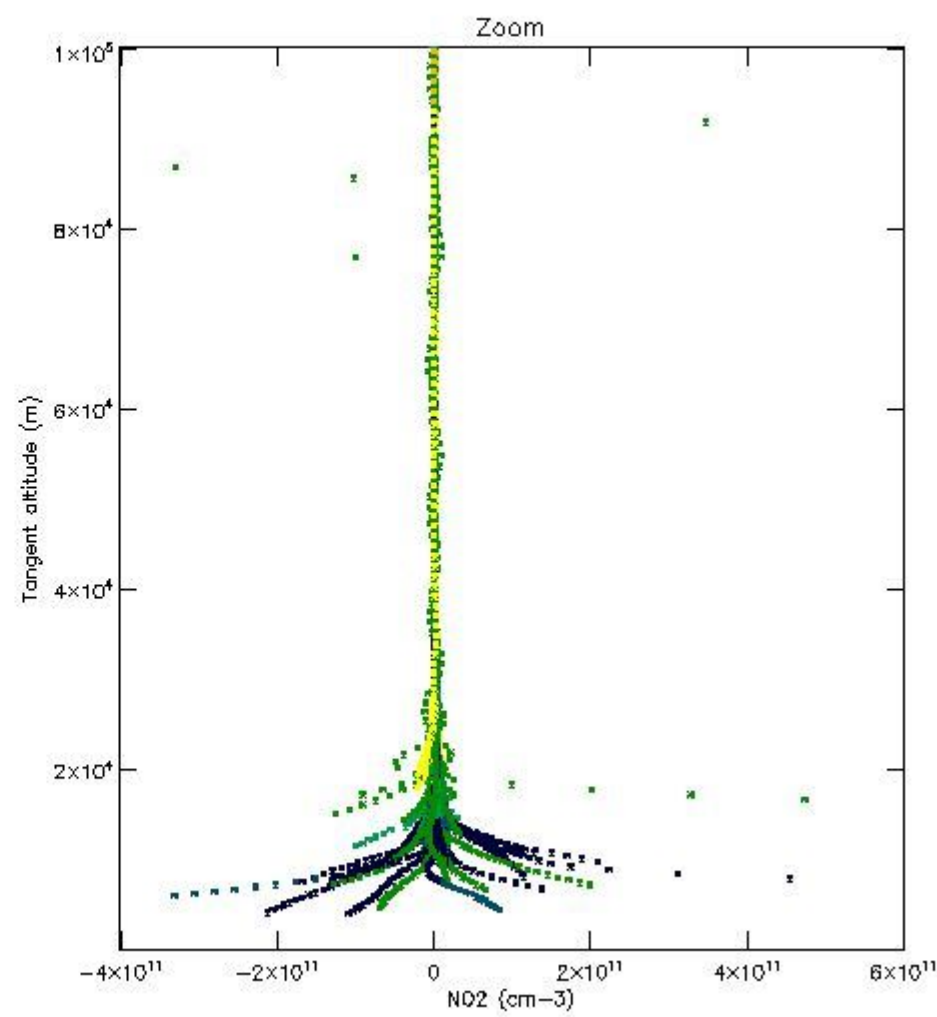
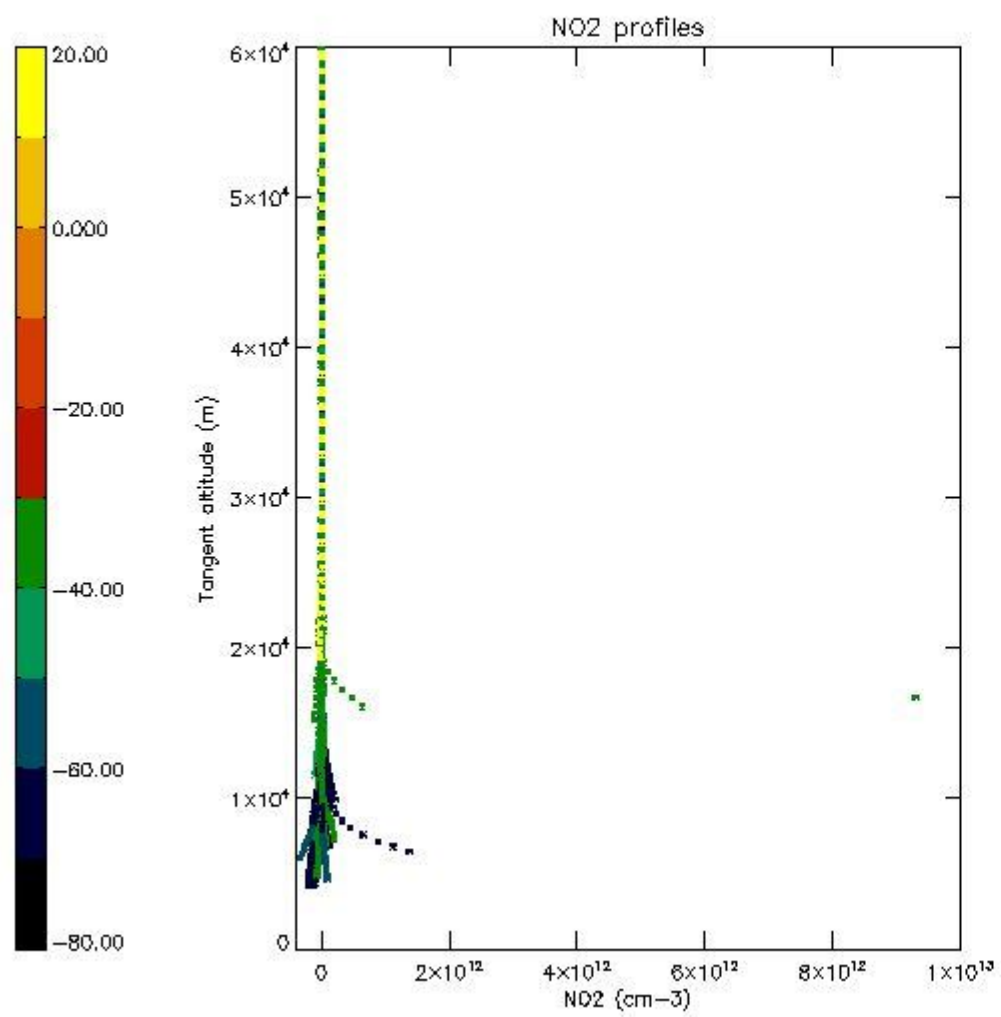
The colorbar represents the latitude.



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

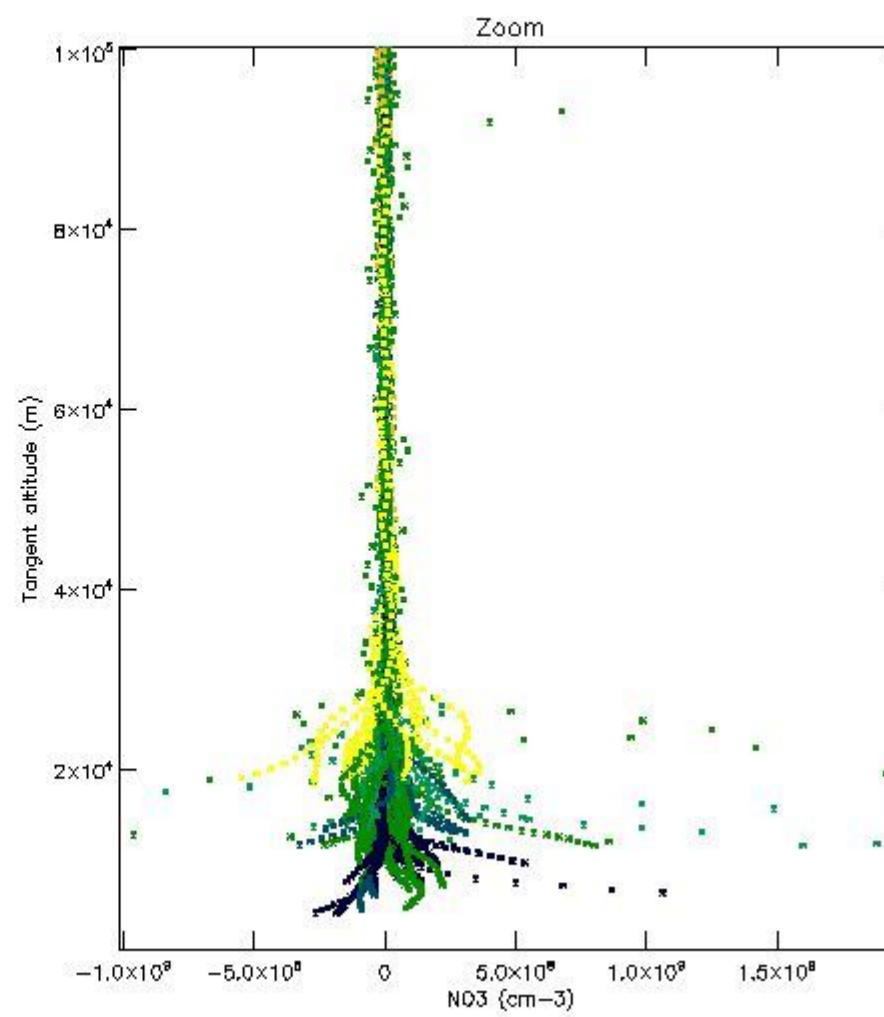
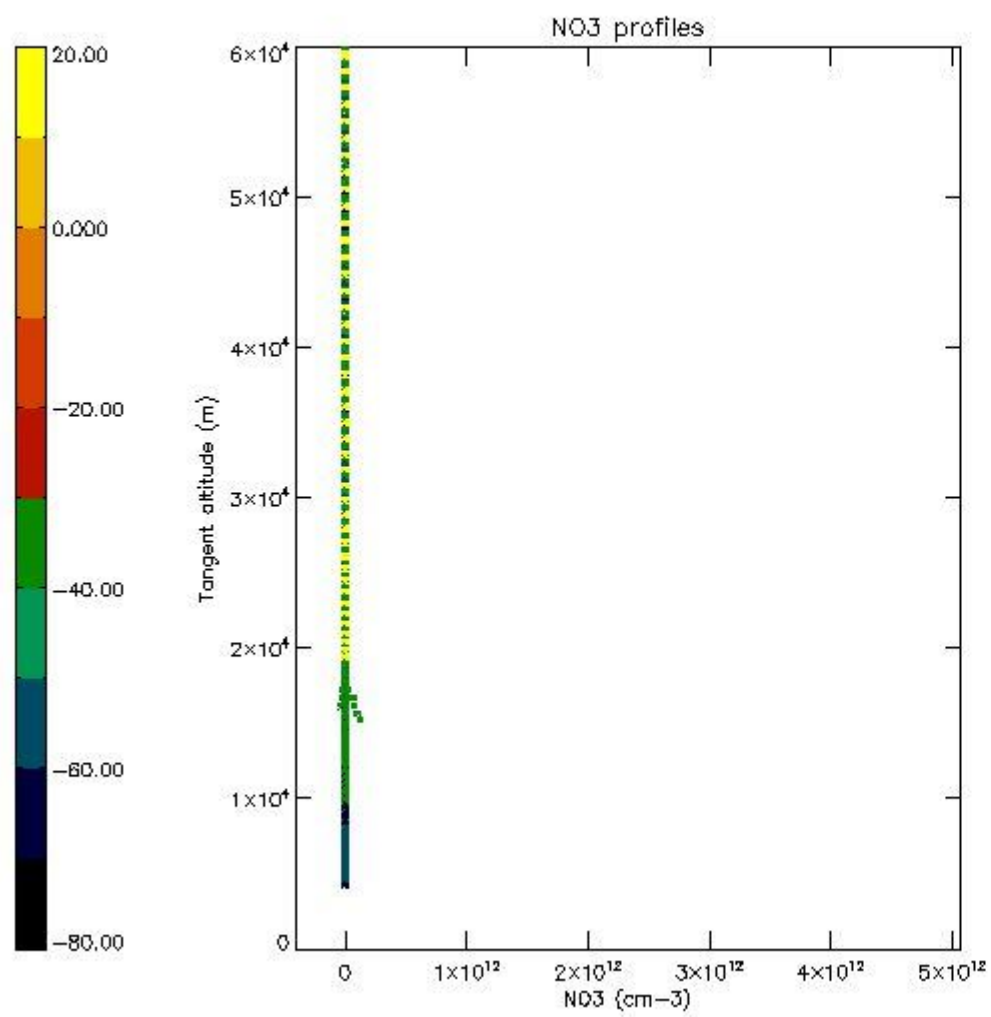
The colorbar represents the latitude.





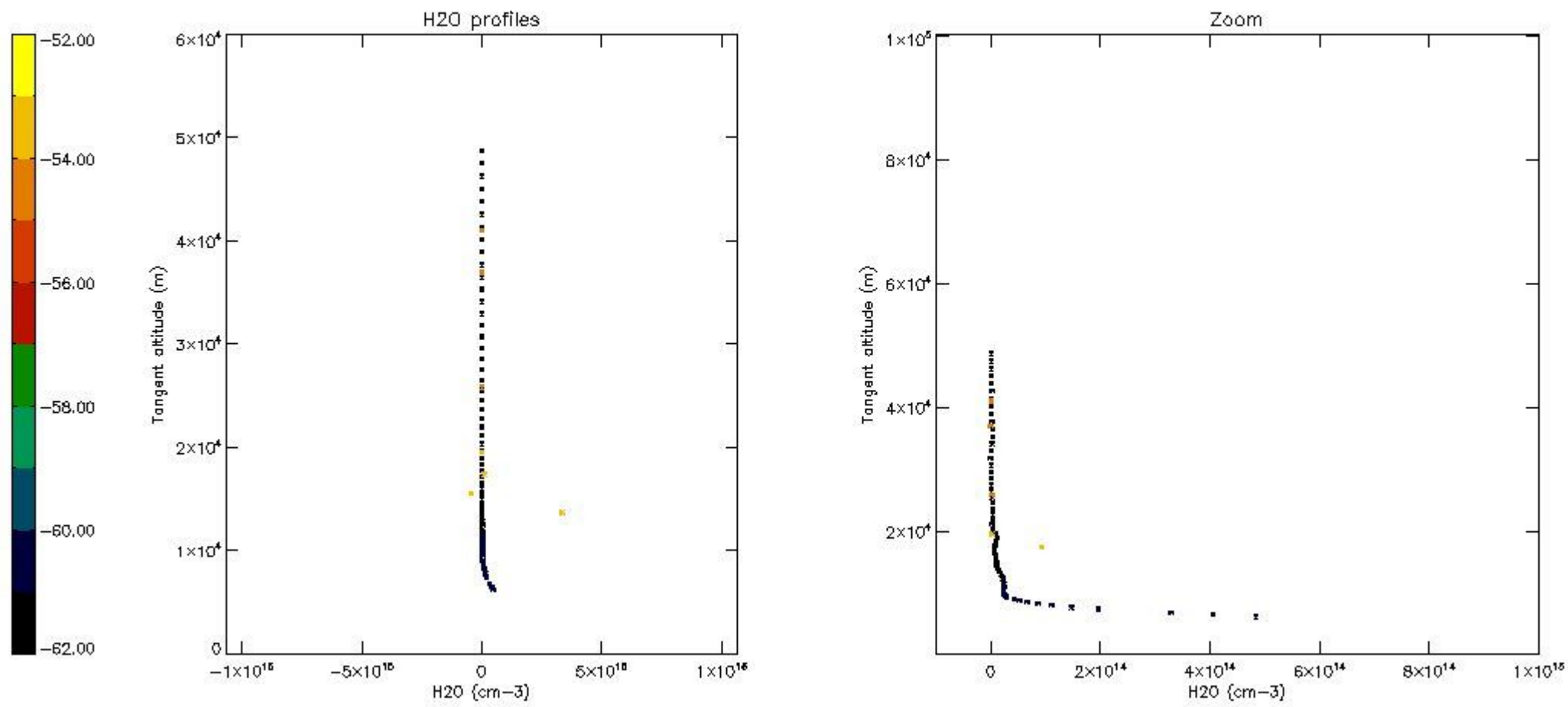
*5.7 Plot NO3 profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	27-AUG-2009 00:00:26
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	27-AUG-2009 00:00:26
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	27-AUG-2009 00:00:26

# GOMOS Level 2 Daily Report

## SUMMARY

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

### [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](#)

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

### [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 12:14:11
Data source version	GOMOS/6.01
Start time of products	27-08-2009 (27AUG2009 00:00:00)
Stop time of products	28-08-2009 (28AUG2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	256
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__2PRFIN20090827_000026_000000702082_00030_39162_1346.N1	27-AUG-2009 00:00:26	Dark	70.000	14	58Alp Ori	0.87000	3000.0	140	39162	No
2	GOM_NL__2PRFIN20090827_000215_000000652082_00030_39162_1347.N1	27-AUG-2009 00:02:15	Dark	64.500	27	24Gam Ori	1.6360	26000.	129	39162	No
3	GOM_NL__2PRFIN20090827_000412_000000582082_00030_39162_1348.N1	27-AUG-2009 00:04:12	Dark	57.500	30	46Eps Ori	1.6940	30000.	115	39162	No
4	GOM_NL__2PRFIN20090827_000609_000000532082_00030_39162_1349.N1	27-AUG-2009 00:06:09	Dark	52.500	56	53Kap Ori	2.0650	30000.	105	39162	No
5	GOM_NL__2PRFIN20090827_000750_000000662082_00030_39162_1350.N1	27-AUG-2009 00:07:50	Dark	66.000	7	19Bet Ori	0.10000	14000.	132	39162	No
6	GOM_NL__2PRFIN20090827_001015_000000522082_00030_39162_1351.N1	27-AUG-2009 00:10:15	Dark	52.000	139	9Bet Lep	2.8330	5600.0	104	39162	No
7	GOM_NL__2PRFIN20090827_002406_000000552082_00031_39163_1353.N1	27-AUG-2009 00:24:06	Dark	54.500	157	The1Eri	2.9060	9300.0	109	39163	No
8	GOM_NL__2PRFIN20090827_003244_000000492082_00031_39163_1354.N1	27-AUG-2009 00:32:44	Straylight	48.500	84	Alp Phe	2.3970	4500.0	97	39163	No
9	GOM_NL__2PRFIN20090827_003915_000000492082_00031_39163_1355.N1	27-AUG-2009 00:39:15	Straylight	48.500	18	24Alp PsA	1.1660	9700.0	97	39163	No
10	GOM_NL__2PRFIN20090827_004905_000000412082_00031_39163_1356.N1	27-AUG-2009 00:49:05	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	39163	No
11	GOM_NL__2PRFIN20090827_005208_000000412082_00031_39163_1357.N1	27-AUG-2009 00:52:08	Bright	40.500	61	8Eps Peg	2.1000	3900.0	81	39163	No
12	GOM_NL__2PRFIN20090827_005948_000000452082_00031_39163_1358.N1	27-AUG-2009 00:59:48	Bright	44.500	164	44Eta Peg	2.9480	5400.0	89	39163	No
13	GOM_NL__2PRFIN20090827_011037_000000432082_00031_39163_1359.N1	27-AUG-2009 01:10:37	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	39163	No
14	GOM_NL__2PRFIN20090827_011249_000000472082_00031_39163_1360.N1	27-AUG-2009 01:12:49	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	39163	No
15	GOM_NL__2PRFIN20090827_012658_000000592082_00031_39163_1361.N1	27-AUG-2009 01:26:58	Bright	58.500	6	13Alp Aur	0.080000	3400.0	117	39163	No
16	GOM_NL__2PRFIN20090827_013023_000000462082_00031_39163_1362.N1	27-AUG-2009 01:30:23	Bright	45.500	107	37The Aur	2.6490	11000.	91	39163	No
17	GOM_NL__2PRFIN20090827_013354_000000602082_00031_39163_1363.N1	27-AUG-2009 01:33:54	Twilight	59.500	28	12Bet Tau	1.6500	15200.	119	39163	No
18	GOM_NL__2PRFIN20090827_013653_000000492082_00031_39163_1364.N1	27-AUG-2009 01:36:53	Twilight	48.500	44	24Gam Gem	1.9280	11000.	97	39163	No
19	GOM_NL__2PRFIN20090827_014102_000000702082_00031_39163_1365.N1	27-AUG-2009 01:41:02	Dark	70.000	14	58Alp Ori	0.87000	3000.0	140	39163	No
20	GOM_NL__2PRFIN20090827_014252_000000662082_00031_39163_1366.N1	27-AUG-2009 01:42:52	Dark	65.500	27	24Gam Ori	1.6360	26000.	131	39163	No
21	GOM_NL__2PRFIN20090827_014449_000000582082_00031_39163_1367.N1	27-AUG-2009 01:44:49	Dark	58.000	30	46Eps Ori	1.6940	30000.	116	39163	No
22	GOM_NL__2PRFIN20090827_014645_000000562082_00031_39163_1368.N1	27-AUG-2009 01:46:45	Dark	55.500	56	53Kap Ori	2.0650	30000.	111	39163	No
23	GOM_NL__2PRFIN20090827_014827_000000672082_00031_39163_1369.N1	27-AUG-2009 01:48:27	Dark	66.500	7	19Bet Ori	0.10000	14000.	133	39163	No
24	GOM_NL__2PRFIN20090827_015052_000000542082_00031_39163_1370.N1	27-AUG-2009 01:50:52	Dark	54.000	139	9Bet Lep	2.8330	5600.0	108	39163	No
25	GOM_NL__2PRFIN20090827_020443_000000542082_00032_39164_1368.N1	27-AUG-2009 02:04:43	Dark	54.000	157	The1Eri	2.9060	9300.0	108	39164	No
26	GOM_NL__2PRFIN20090827_021320_000000492082_00032_39164_1369.N1	27-AUG-2009 02:13:20	Straylight	49.000	84	Alp Phe	2.3970	4500.0	98	39164	No
27	GOM_NL__2PRFIN20090827_021951_000000472082_00032_39164_1370.N1	27-AUG-2009 02:19:51	Straylight	46.500	18	24Alp PsA	1.1660	9700.0	93	39164	No
28	GOM_NL__2PRFIN20090827_022941_000000412082_00032_39164_1371.N1	27-AUG-2009 02:29:41	Bright	41.000	162	34Alp Aqr	2.9440	5350.0	82	39164	No
29	GOM_NL__2PRFIN20090827_023244_000000502082_00032_39164_1372.N1	27-AUG-2009 02:32:44	Bright	50.000	61	8Eps Peg	2.1000	3900.0	100	39164	No
30	GOM_NL__2PRFIN20090827_024023_000000682082_00032_39164_1373.N1	27-AUG-2009 02:40:23	Bright	68.000	164	44Eta Peg	2.9480	5400.0	136	39164	No
31	GOM_NL__2PRFIN20090827_025113_000000462082_00032_39164_1374.N1	27-AUG-2009 02:51:13	Bright	46.000	74	11Bet Cas	2.2680	6600.0	92	39164	No
32	GOM_NL__2PRFIN20090827_025324_000000462082_00032_39164_1375.N1	27-AUG-2009 02:53:24	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	39164	No
33	GOM_NL__2PRFIN20090827_030734_000000612082_00032_39164_1376.N1	27-AUG-2009 03:07:34	Bright	60.500	6	13Alp Aur	0.080000	3400.0	121	39164	No
34	GOM_NL__2PRFIN20090827_031059_000000472082_00032_39164_1377.N1	27-AUG-2009 03:10:59	Bright	46.500	107	37The Aur	2.6490	11000.	93	39164	No
35	GOM_NL__2PRFIN20090827_031430_000000622082_00032_39164_1378.N1	27-AUG-2009 03:14:30	Twilight	62.000	28	12Bet Tau	1.6500	15200.	124	39164	No
36	GOM_NL__2PRFIN20090827_031729_000000492082_00032_39164_1379.N1	27-AUG-2009 03:17:29	Twilight	48.500	44	24Gam Gem	1.9280	11000.	97	39164	No
37	GOM_NL__2PRFIN20090827_032139_000000592082_00032_39164_1380.N1	27-AUG-2009 03:21:39	Dark	59.000	14	58Alp Ori	0.87000	3000.0	118	39164	No
38	GOM_NL__2PRFIN20090827_032329_000000602082_00032_39164_1381.N1	27-AUG-2009 03:23:29	Dark	60.000	27	24Gam Ori	1.6360	26000.	120	39164	No
39	GOM_NL__2PRFIN20090827_032526_000000592082_00032_39164_1382.N1	27-AUG-2009 03:25:26	Dark	59.000	30	46Eps Ori	1.6940	30000.	118	39164	No
40	GOM_NL__2PRFIN20090827_032722_000000522082_00032_39164_1383.N1	27-AUG-2009 03:27:22	Dark	51.500	56	53Kap Ori	2.0650	30000.	103	39164	No
41	GOM_NL__2PRFIN20090827_032904_000000682082_00032_39164_1384.N1	27-AUG-2009 03:29:04	Dark	68.000	7	19Bet Ori	0.10000	14000.	136	39164	No
42	GOM_NL__2PRFIN20090827_033129_000000512082_00032_39164_1385.N1	27-AUG-2009 03:31:29	Dark	51.000	139	9Bet Lep	2.8330	5600.0	102	39164	No

43	GOM_NL__2PRFIN20090827_034520_00000562082_00033_39165_1376.N1	27-AUG-2009 03:45:20	Dark	55.500	157	The1Eri	2.9060	9300.0	111	39165	No
44	GOM_NL__2PRFIN20090827_035357_00000492082_00033_39165_1377.N1	27-AUG-2009 03:53:57	Straylight	49.000	84	Alp Phe	2.3970	4500.0	98	39165	No
45	GOM_NL__2PRFIN20090827_040028_00000482082_00033_39165_1378.N1	27-AUG-2009 04:00:28	Straylight	48.000	18	24Alp PsA	1.1660	9700.0	96	39165	No
46	GOM_NL__2PRFIN20090827_041017_00000592082_00033_39165_1379.N1	27-AUG-2009 04:10:17	Bright	59.000	162	34Alp Aqr	2.9440	5350.0	118	39165	No
47	GOM_NL__2PRFIN20090827_041319_00000562082_00033_39165_1380.N1	27-AUG-2009 04:13:19	Bright	56.000	61	8Eps Peg	2.1000	3900.0	112	39165	No
48	GOM_NL__2PRFIN20090827_042059_00000462082_00033_39165_1381.N1	27-AUG-2009 04:20:59	Bright	46.000	164	44Eta Peg	2.9480	5400.0	92	39165	No
49	GOM_NL__2PRFIN20090827_043148_00000462082_00033_39165_1382.N1	27-AUG-2009 04:31:48	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	39165	No
50	GOM_NL__2PRFIN20090827_043400_00000472082_00033_39165_1383.N1	27-AUG-2009 04:34:00	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	39165	No
51	GOM_NL__2PRFIN20090827_044810_00000542082_00033_39165_1384.N1	27-AUG-2009 04:48:10	Bright	53.500	6	13Alp Aur	0.080000	3400.0	107	39165	No
52	GOM_NL__2PRFIN20090827_045135_00000452082_00033_39165_1385.N1	27-AUG-2009 04:51:35	Bright	44.500	107	37The Aur	2.6490	11000.	89	39165	No
53	GOM_NL__2PRFIN20090827_045507_00000632082_00033_39165_1386.N1	27-AUG-2009 04:55:07	Tw_i_and_stray	62.500	28	12Bet Tau	1.6500	15200.	125	39165	No
54	GOM_NL__2PRFIN20090827_045806_00000482082_00033_39165_1387.N1	27-AUG-2009 04:58:06	Tw_i_and_stray	48.000	44	24Gam Gem	1.9280	11000.	96	39165	No
55	GOM_NL__2PRFIN20090827_050216_00000612082_00033_39165_1388.N1	27-AUG-2009 05:02:16	Dark	60.500	14	58Alp Ori	0.87000	3000.0	121	39165	No
56	GOM_NL__2PRFIN20090827_050406_00000602082_00033_39165_1389.N1	27-AUG-2009 05:04:06	Dark	60.000	27	24Gam Ori	1.6360	26000.	120	39165	No
57	GOM_NL__2PRFIN20090827_050603_00000592082_00033_39165_1390.N1	27-AUG-2009 05:06:03	Dark	58.500	30	46Eps Ori	1.6940	30000.	117	39165	No
58	GOM_NL__2PRFIN20090827_050759_00000542082_00033_39165_1391.N1	27-AUG-2009 05:07:59	Dark	53.500	56	53Kap Ori	2.0650	30000.	107	39165	No
59	GOM_NL__2PRFIN20090827_050941_00000692082_00033_39165_1392.N1	27-AUG-2009 05:09:41	Dark	69.000	7	19Bet Ori	0.10000	14000.	138	39165	No
60	GOM_NL__2PRFIN20090827_051206_00000502082_00033_39165_1393.N1	27-AUG-2009 05:12:06	Dark	49.500	139	9Bet Lep	2.8330	5600.0	99	39165	No
61	GOM_NL__2PRFIN20090827_052558_00000542082_00034_39166_1399.N1	27-AUG-2009 05:25:58	Dark	54.000	157	The1Eri	2.9060	9300.0	108	39166	No
62	GOM_NL__2PRFIN20090827_053434_00000482082_00034_39166_1400.N1	27-AUG-2009 05:34:34	Straylight	48.000	84	Alp Phe	2.3970	4500.0	96	39166	No
63	GOM_NL__2PRFIN20090827_054104_00000472082_00034_39166_1401.N1	27-AUG-2009 05:41:04	Straylight	46.500	18	24Alp PsA	1.1660	9700.0	93	39166	No
64	GOM_NL__2PRFIN20090827_055053_00000402082_00034_39166_1402.N1	27-AUG-2009 05:50:53	Bright	40.000	162	34Alp Aqr	2.9440	5350.0	80	39166	No
65	GOM_NL__2PRFIN20090827_055355_00000392082_00034_39166_1403.N1	27-AUG-2009 05:53:55	Bright	39.000	61	8Eps Peg	2.1000	3900.0	78	39166	No
66	GOM_NL__2PRFIN20090827_060134_00000682082_00034_39166_1404.N1	27-AUG-2009 06:01:34	Bright	68.000	164	44Eta Peg	2.9480	5400.0	136	39166	No
67	GOM_NL__2PRFIN20090827_061223_00000462082_00034_39166_1405.N1	27-AUG-2009 06:12:23	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	39166	No
68	GOM_NL__2PRFIN20090827_061435_00000462082_00034_39166_1406.N1	27-AUG-2009 06:14:35	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	39166	No
69	GOM_NL__2PRFIN20090827_062846_00000552082_00034_39166_1407.N1	27-AUG-2009 06:28:46	Bright	54.500	6	13Alp Aur	0.080000	3400.0	109	39166	No
70	GOM_NL__2PRFIN20090827_063211_00000462082_00034_39166_1408.N1	27-AUG-2009 06:32:11	Bright	46.000	107	37The Aur	2.6490	11000.	92	39166	No
71	GOM_NL__2PRFIN20090827_063543_00000622082_00034_39166_1409.N1	27-AUG-2009 06:35:43	Tw_i_and_stray	61.500	28	12Bet Tau	1.6500	15200.	123	39166	No
72	GOM_NL__2PRFIN20090827_063842_00000442082_00034_39166_1410.N1	27-AUG-2009 06:38:42	Tw_i_and_stray	44.000	44	24Gam Gem	1.9280	11000.	88	39166	No
73	GOM_NL__2PRFIN20090827_064252_00000642082_00034_39166_1411.N1	27-AUG-2009 06:42:52	Dark	63.500	14	58Alp Ori	0.87000	3000.0	127	39166	No
74	GOM_NL__2PRFIN20090827_064443_00000522082_00034_39166_1412.N1	27-AUG-2009 06:44:43	Dark	52.000	27	24Gam Ori	1.6360	26000.	104	39166	No
75	GOM_NL__2PRFIN20090827_064640_00000592082_00034_39166_1413.N1	27-AUG-2009 06:46:40	Dark	59.000	30	46Eps Ori	1.6940	30000.	118	39166	No
76	GOM_NL__2PRFIN20090827_064836_00000492082_00034_39166_1414.N1	27-AUG-2009 06:48:36	Dark	49.000	56	53Kap Ori	2.0650	30000.	98	39166	No
77	GOM_NL__2PRFIN20090827_065019_00000672082_00034_39166_1415.N1	27-AUG-2009 06:50:19	Dark	67.000	7	19Bet Ori	0.10000	14000.	134	39166	No
78	GOM_NL__2PRFIN20090827_065243_00000532082_00034_39166_1416.N1	27-AUG-2009 06:52:43	Dark	52.500	139	9Bet Lep	2.8330	5600.0	105	39166	No
79	GOM_NL__2PRFIN20090827_070635_00000552082_00035_39167_1413.N1	27-AUG-2009 07:06:35	Dark	55.000	157	The1Eri	2.9060	9300.0	110	39167	No
80	GOM_NL__2PRFIN20090827_071511_00000502082_00035_39167_1414.N1	27-AUG-2009 07:15:11	Straylight	49.500	84	Alp Phe	2.3970	4500.0	99	39167	No
81	GOM_NL__2PRFIN20090827_072140_00000462082_00035_39167_1415.N1	27-AUG-2009 07:21:40	Straylight	45.500	18	24Alp PsA	1.1660	9700.0	91	39167	No
82	GOM_NL__2PRFIN20090827_073129_00000412082_00035_39167_1416.N1	27-AUG-2009 07:31:29	Bright	41.000	162	34Alp Aqr	2.9440	5350.0	82	39167	No
83	GOM_NL__2PRFIN20090827_073431_00000402082_00035_39167_1417.N1	27-AUG-2009 07:34:31	Bright	40.000	61	8Eps Peg	2.1000	3900.0	80	39167	No
84	GOM_NL__2PRFIN20090827_074209_00000682082_00035_39167_1418.N1	27-AUG-2009 07:42:09	Bright	68.000	164	44Eta Peg	2.9480	5400.0	136	39167	No
85	GOM_NL__2PRFIN20090827_075258_00000422082_00035_39167_1419.N1	27-AUG-2009 07:52:58	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	39167	No
86	GOM_NL__2PRFIN20090827_075510_00000452082_00035_39167_1420.N1	27-AUG-2009 07:55:10	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	39167	No
87	GOM_NL__2PRFIN20090827_080922_00000572082_00035_39167_1421.N1	27-AUG-2009 08:09:22	Bright	57.000	6	13Alp Aur	0.080000	3400.0	114	39167	No
88	GOM_NL__2PRFIN20090827_081247_00000452082_00035_39167_1422.N1	27-AUG-2009 08:12:47	Bright	44.500	107	37The Aur	2.6490	11000.	89	39167	No
89	GOM_NL__2PRFIN20090827_081619_00000582082_00035_39167_1423.N1	27-AUG-2009 08:16:19	Tw_i_and_stray	58.000	28	12Bet Tau	1.6500	15200.	116	39167	No
90	GOM_NL__2PRFIN20090827_081918_00000432082_00035_39167_1424.N1	27-AUG-2009 08:19:18	Tw_i_and_stray	42.500	44	24Gam Gem	1.9280	11000.	85	39167	No
91	GOM_NL__2PRFIN20090827_082329_00000652082_00035_39167_1425.N1	27-AUG-2009 08:23:29	Dark	65.000	14	58Alp Ori	0.87000	3000.0	130	39167	No
92	GOM_NL__2PRFIN20090827_082520_00000522082_00035_39167_1426.N1	27-AUG-2009 08:25:20	Dark	52.000	27	24Gam Ori	1.6360	26000.	104	39167	No
93	GOM_NL__2PRFIN20090827_082717_00000602082_00035_39167_1427.N1	27-AUG-2009 08:27:17	Dark	59.500	30	46Eps Ori	1.6940	30000.	119	39167	No
94	GOM_NL__2PRFIN20090827_082913_00000542082_00035_39167_1428.N1	27-AUG-2009 08:29:13	Dark	53.500	56	53Kap Ori	2.0650	30000.	107	39167	No
95	GOM_NL__2PRFIN20090827_083056_00000672082_00035_39167_1429.N1	27-AUG-2009 08:30:56	Dark	67.000	7	19Bet Ori	0.10000	14000.	134	39167	No
96	GOM_NL__2PRFIN20090827_083320_00000522082_00035_39167_1430.N1	27-AUG-2009 08:33:20	Dark	52.000	139	9Bet Lep	2.8330	5600.0	104	39167	No
97	GOM_NL__2PRFIN20090827_084712_00000542082_00036_39168_1429.N1	27-AUG-2009 08:47:12	Dark	54.000	157	The1Eri	2.9060	9300.0	108	39168	No
98	GOM_NL__2PRFIN20090827_085547_00000492082_00036_39168_1430.N1	27-AUG-2009 08:55:47	Straylight	48.500	84	Alp Phe	2.3970	4500.0	97	39168	No
99	GOM_NL__2PRFIN20090827_090217_00000492082_00036_39168_1431.N1	27-AUG-2009 09:02:17	Straylight	48.500	18	24Alp PsA	1.1660	9700.0	97	39168	No
100	GOM_NL__2PRFIN20090827_091205_00000402082_00036_39168_1432.N1	27-AUG-2009 09:12:05	Bright	39.500	162	34Alp Aqr	2.9440	5350.0	79	39168	No
101	GOM_NL__2PRFIN20090827_091507_00000492082_00036_39168_1433.N1	27-AUG-2009 09:15:07	Bright	48.500	61	8Eps Peg	2.1000	3900.0	97	39168	No





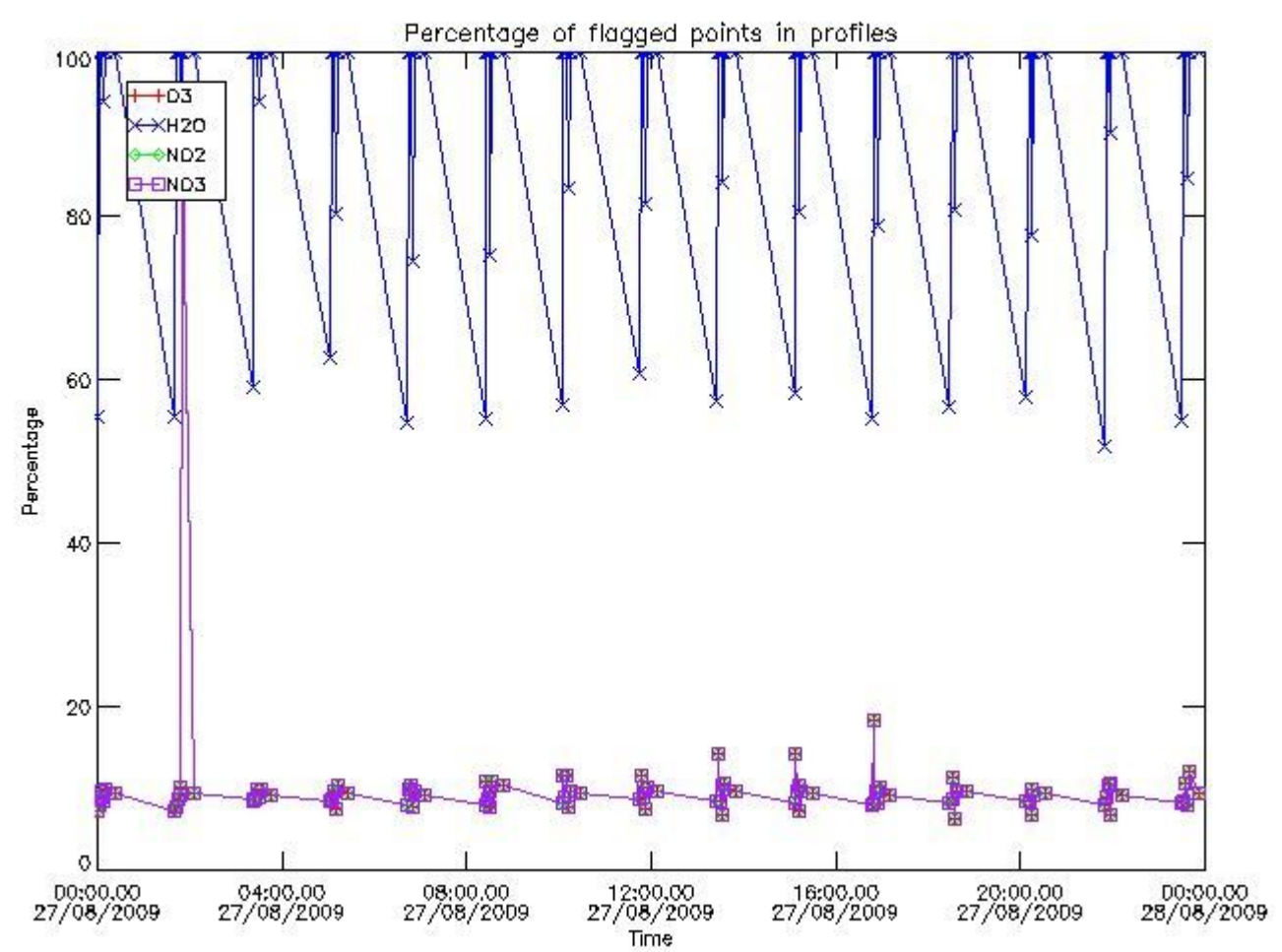


220	GOM_NL__2PRFIN20090827_201739_000000552082_00042_39174_1562.N1	27-AUG-2009 20:17:39	Dark	55.000	139	9Bet Lep	2.8330	5600.0	110	39174	No
221	GOM_NL__2PRFIN20090827_203132_000000542082_00043_39175_1563.N1	27-AUG-2009 20:31:32	Dark	54.000	157	The1Eri	2.9060	9300.0	108	39175	No
222	GOM_NL__2PRFIN20090827_204003_000000512082_00043_39175_1564.N1	27-AUG-2009 20:40:03	Straylight	50.500	84	Alp Phe	2.3970	4500.0	101	39175	No
223	GOM_NL__2PRFIN20090827_204630_000000472082_00043_39175_1565.N1	27-AUG-2009 20:46:30	Straylight	46.500	18	24Alp PsA	1.1660	9700.0	93	39175	No
224	GOM_NL__2PRFIN20090827_205616_000000412082_00043_39175_1566.N1	27-AUG-2009 20:56:16	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	39175	No
225	GOM_NL__2PRFIN20090827_205918_000000562082_00043_39175_1567.N1	27-AUG-2009 20:59:18	Bright	56.000	61	8Eps Peg	2.1000	3900.0	112	39175	No
226	GOM_NL__2PRFIN20090827_210244_000000252082_00043_39175_1568.N1	27-AUG-2009 21:02:44	Twilight_stray	25.000	90	54Alp Peg	2.4870	11000.	50	39175	No
227	GOM_NL__2PRFIN20090827_210652_000000452082_00043_39175_1569.N1	27-AUG-2009 21:06:52	Bright	44.500	164	44Eta Peg	2.9480	5400.0	89	39175	No
228	GOM_NL__2PRFIN20090827_211740_000000462082_00043_39175_1570.N1	27-AUG-2009 21:17:40	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	39175	No
229	GOM_NL__2PRFIN20090827_211952_000000442082_00043_39175_1571.N1	27-AUG-2009 21:19:52	Bright	44.000	76	27Gam Cas	2.3000	30000.	88	39175	No
230	GOM_NL__2PRFIN20090827_213407_000000602082_00043_39175_1572.N1	27-AUG-2009 21:34:07	Bright	59.500	6	13Alp Aur	0.080000	3400.0	119	39175	No
231	GOM_NL__2PRFIN20090827_213734_000000472082_00043_39175_1573.N1	27-AUG-2009 21:37:34	Bright	46.500	107	37The Aur	2.6490	11000.	93	39175	No
232	GOM_NL__2PRFIN20090827_214108_000000632082_00043_39175_1574.N1	27-AUG-2009 21:41:08	Twilight_stray	62.500	28	12Bet Tau	1.6500	15200.	125	39175	No
233	GOM_NL__2PRFIN20090827_214408_000000432082_00043_39175_1575.N1	27-AUG-2009 21:44:08	Twilight_stray	42.500	44	24Gam Gem	1.9280	11000.	85	39175	No
234	GOM_NL__2PRFIN20090827_214822_000000712082_00043_39175_1576.N1	27-AUG-2009 21:48:22	Dark	71.000	14	58Alp Ori	0.87000	3000.0	142	39175	No
235	GOM_NL__2PRFIN20090827_215212_000000572082_00043_39175_1577.N1	27-AUG-2009 21:52:12	Dark	56.500	30	46Eps Ori	1.6940	30000.	113	39175	No
236	GOM_NL__2PRFIN20090827_215407_000000542082_00043_39175_1578.N1	27-AUG-2009 21:54:07	Dark	53.500	56	53Kap Ori	2.0650	30000.	107	39175	No
237	GOM_NL__2PRFIN20090827_215554_000000762082_00043_39175_1579.N1	27-AUG-2009 21:55:54	Dark	76.000	7	19Bet Ori	0.10000	14000.	152	39175	No
238	GOM_NL__2PRFIN20090827_215816_000000532082_00043_39175_1580.N1	27-AUG-2009 21:58:16	Dark	53.000	139	9Bet Lep	2.8330	5600.0	106	39175	No
239	GOM_NL__2PRFIN20090827_221209_000000552082_00044_39176_1578.N1	27-AUG-2009 22:12:09	Dark	55.000	157	The1Eri	2.9060	9300.0	110	39176	No
240	GOM_NL__2PRFIN20090827_222040_000000512082_00044_39176_1579.N1	27-AUG-2009 22:20:40	Straylight	50.500	84	Alp Phe	2.3970	4500.0	101	39176	No
241	GOM_NL__2PRFIN20090827_222706_000000482082_00044_39176_1580.N1	27-AUG-2009 22:27:06	Straylight	47.500	18	24Alp PsA	1.1660	9700.0	95	39176	No
242	GOM_NL__2PRFIN20090827_223652_000000582082_00044_39176_1581.N1	27-AUG-2009 22:36:52	Bright	58.000	162	34Alp Aqr	2.9440	5350.0	116	39176	No
243	GOM_NL__2PRFIN20090827_224319_000000322082_00044_39176_1582.N1	27-AUG-2009 22:43:19	Twilight_stray	32.000	90	54Alp Peg	2.4870	11000.	64	39176	No
244	GOM_NL__2PRFIN20090827_224727_000000452082_00044_39176_1583.N1	27-AUG-2009 22:47:27	Bright	44.500	164	44Eta Peg	2.9480	5400.0	89	39176	No
245	GOM_NL__2PRFIN20090827_225815_000000462082_00044_39176_1584.N1	27-AUG-2009 22:58:15	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	39176	No
246	GOM_NL__2PRFIN20090827_230027_000000442082_00044_39176_1585.N1	27-AUG-2009 23:00:27	Bright	43.500	76	27Gam Cas	2.3000	30000.	87	39176	No
247	GOM_NL__2PRFIN20090827_231443_000000602082_00044_39176_1586.N1	27-AUG-2009 23:14:43	Bright	59.500	6	13Alp Aur	0.080000	3400.0	119	39176	No
248	GOM_NL__2PRFIN20090827_231810_000000472082_00044_39176_1587.N1	27-AUG-2009 23:18:10	Bright	47.000	107	37The Aur	2.6490	11000.	94	39176	No
249	GOM_NL__2PRFIN20090827_232145_000000552082_00044_39176_1588.N1	27-AUG-2009 23:21:45	Twilight_stray	55.000	28	12Bet Tau	1.6500	15200.	110	39176	No
250	GOM_NL__2PRFIN20090827_232445_000000472082_00044_39176_1589.N1	27-AUG-2009 23:24:45	Twilight_stray	47.000	44	24Gam Gem	1.9280	11000.	94	39176	No
251	GOM_NL__2PRFIN20090827_232858_000000682082_00044_39176_1590.N1	27-AUG-2009 23:28:58	Dark	68.000	14	58Alp Ori	0.87000	3000.0	136	39176	No
252	GOM_NL__2PRFIN20090827_233249_000000602082_00044_39176_1591.N1	27-AUG-2009 23:32:49	Dark	60.000	30	46Eps Ori	1.6940	30000.	120	39176	No
253	GOM_NL__2PRFIN20090827_233444_000000532082_00044_39176_1592.N1	27-AUG-2009 23:34:44	Dark	52.500	56	53Kap Ori	2.0650	30000.	105	39176	No
254	GOM_NL__2PRFIN20090827_233631_000000722082_00044_39176_1593.N1	27-AUG-2009 23:36:31	Dark	71.500	7	19Bet Ori	0.10000	14000.	143	39176	No
255	GOM_NL__2PRFIN20090827_233852_000000512082_00044_39176_1594.N1	27-AUG-2009 23:38:52	Dark	51.000	139	9Bet Lep	2.8330	5600.0	102	39176	No
256	GOM_NL__2PRFIN20090827_235246_000000552082_00045_39177_1594.N1	27-AUG-2009 23:52:46	Dark	54.500	157	The1Eri	2.9060	9300.0	109	39177	No

### 3. Quality information per product

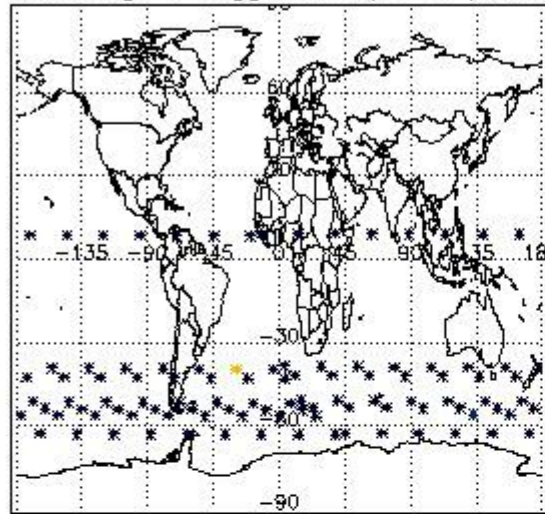
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

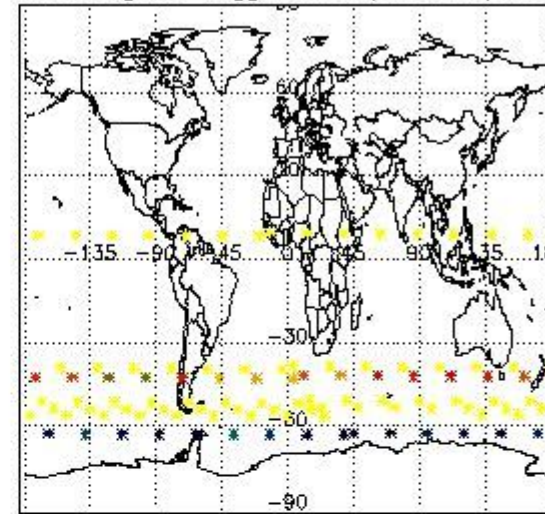


3.2 Plot quality information per product (world map)

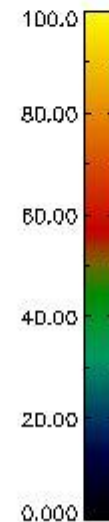
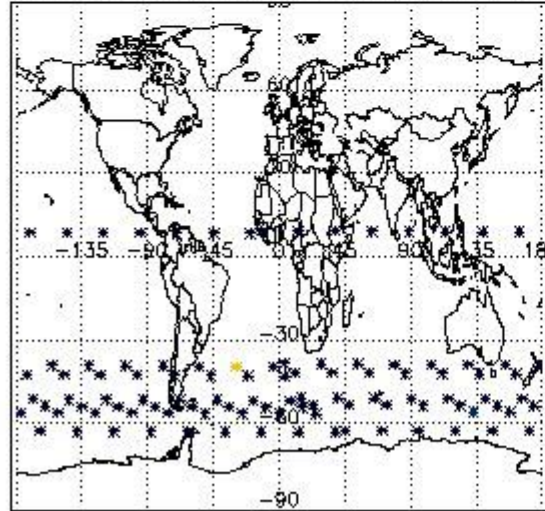
Percentage of flagged data per O3 profile



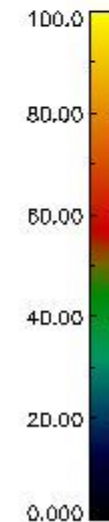
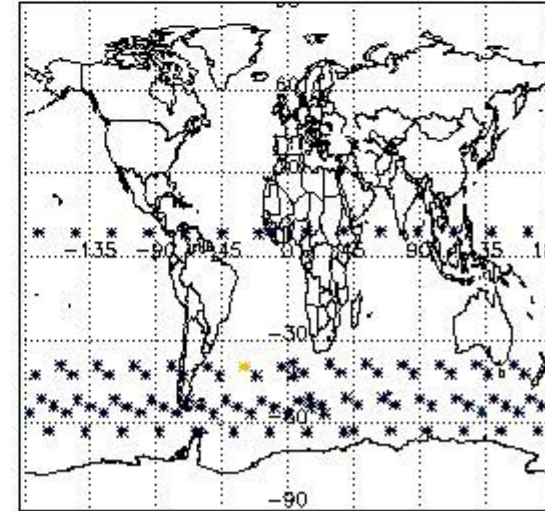
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

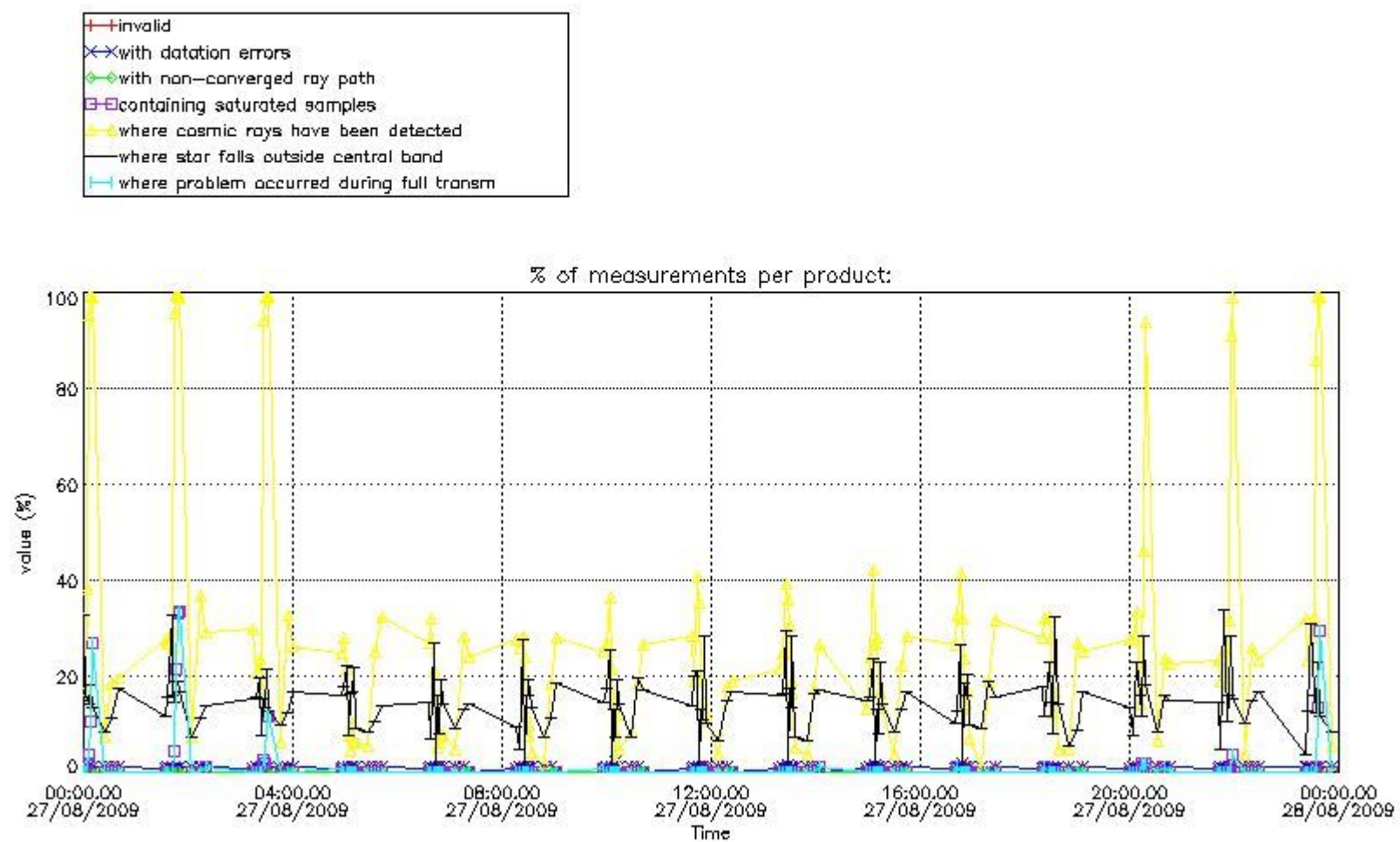


#### 4. Level 1 quality information per product

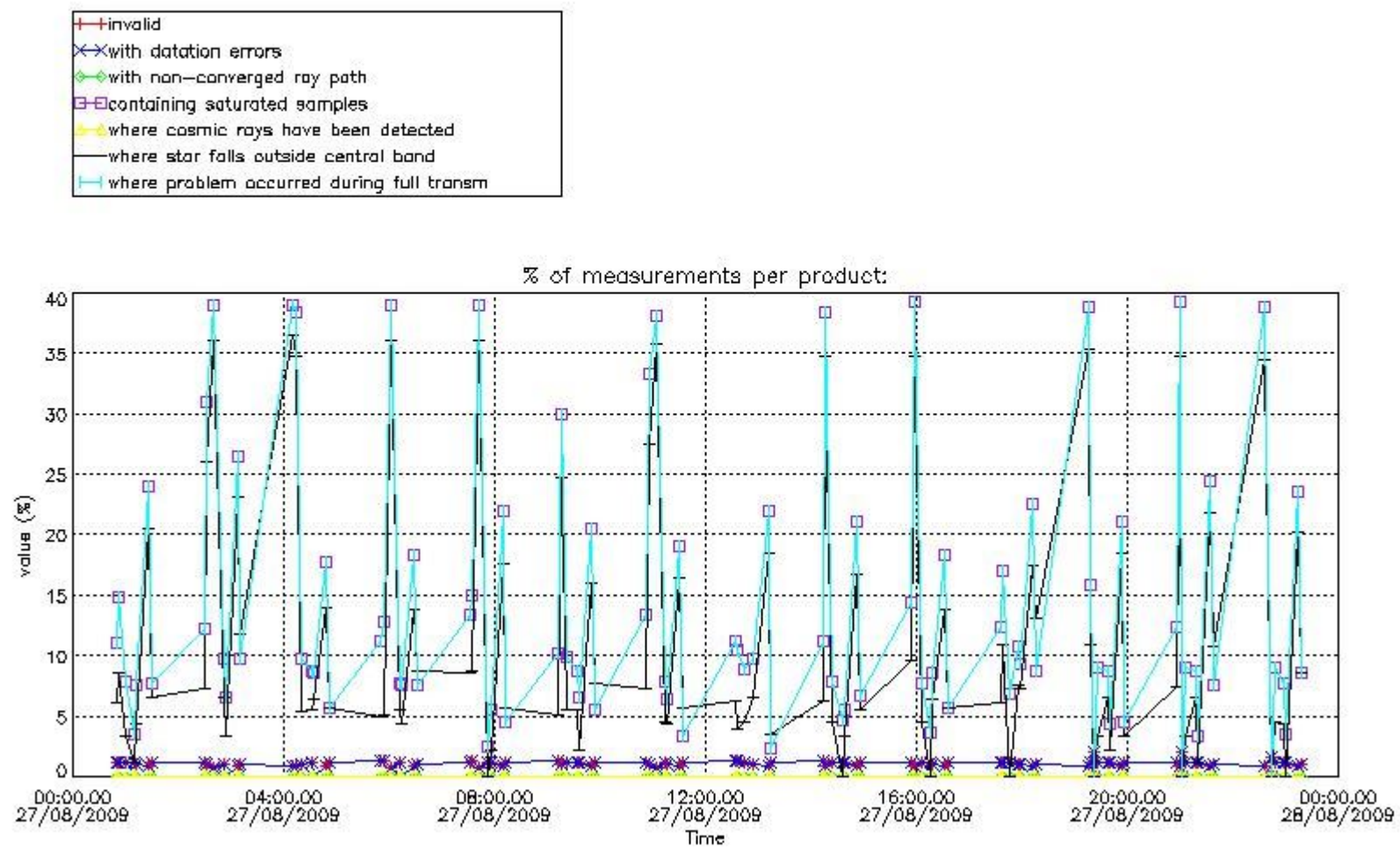
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

##### 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

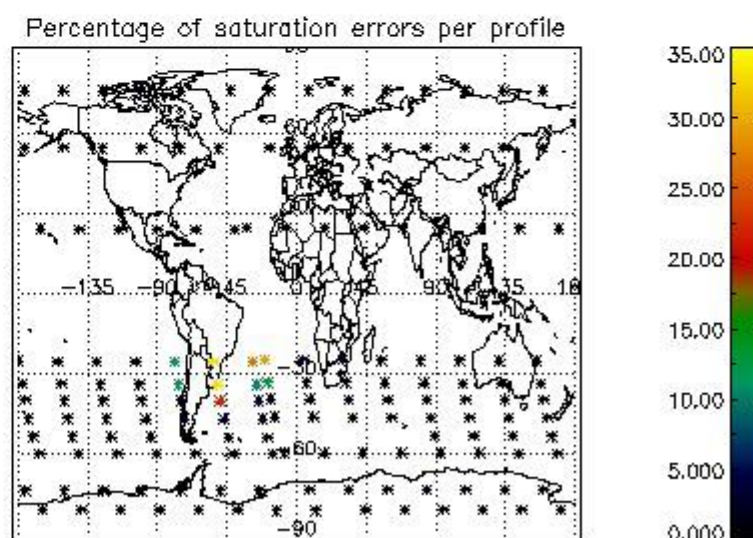
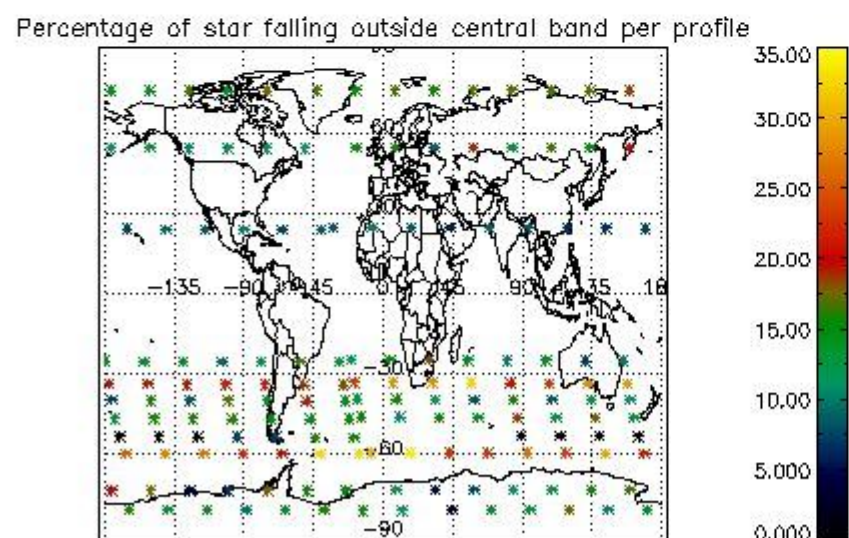
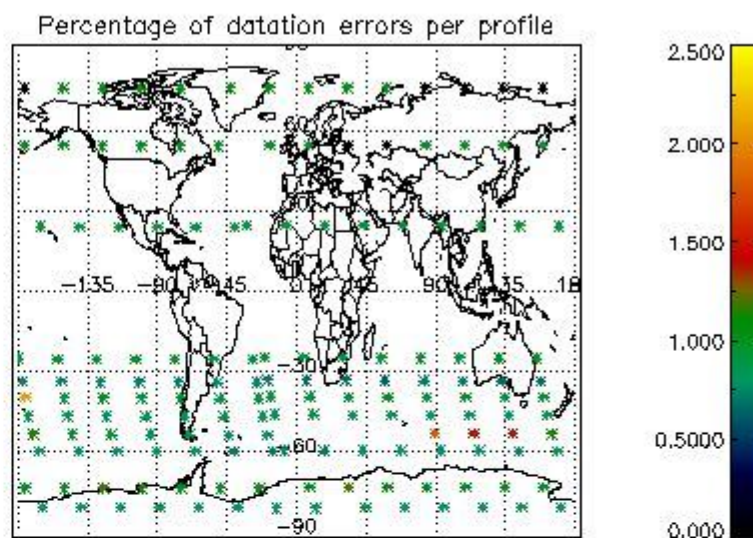
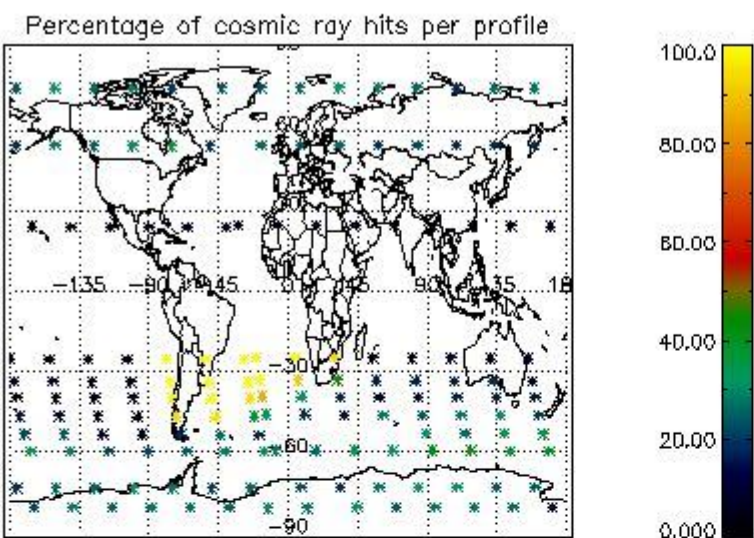


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

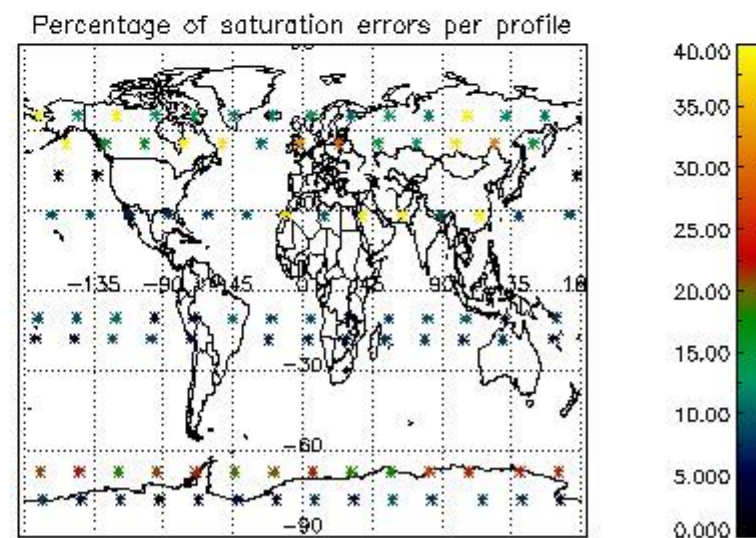
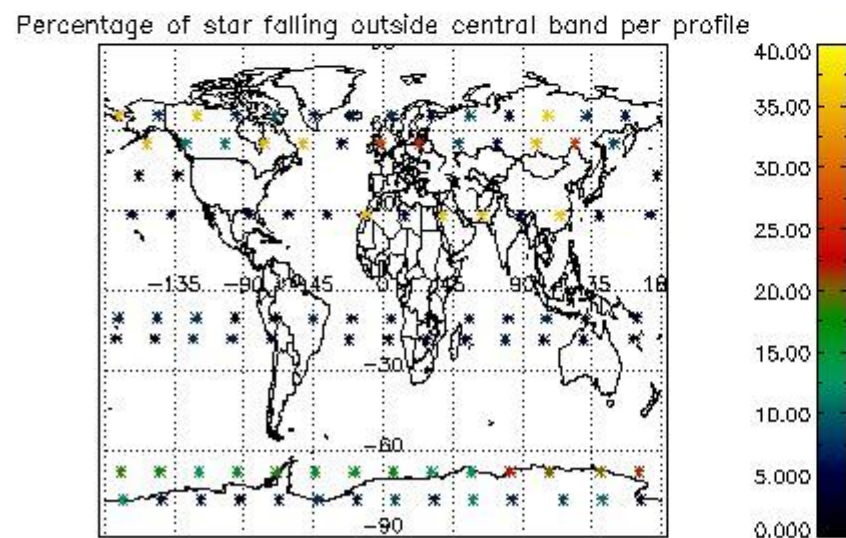
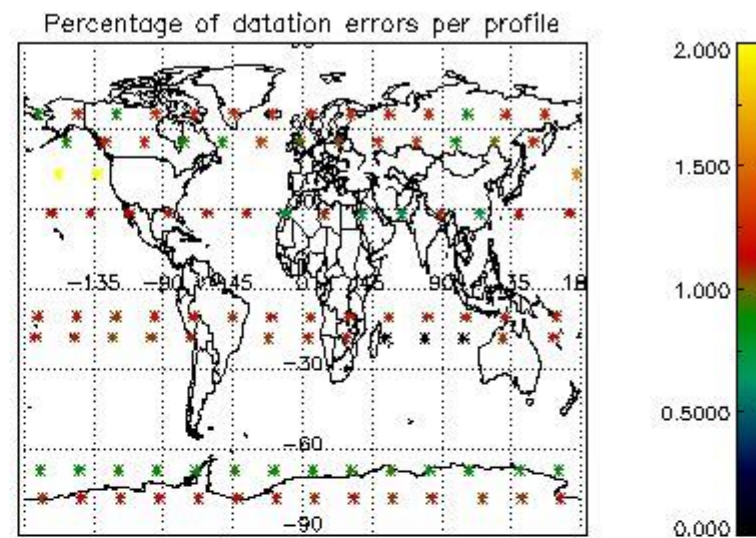
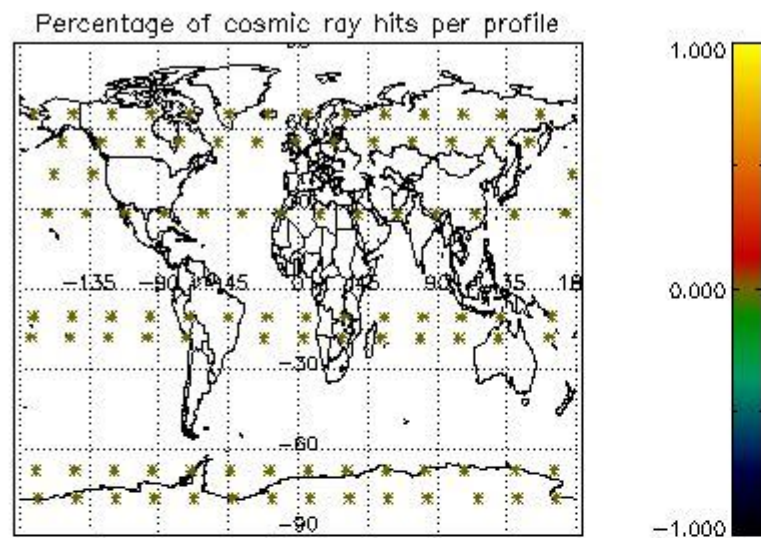


4.2 Plot quality information per product coming from level 1b processing (world map)

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



## 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

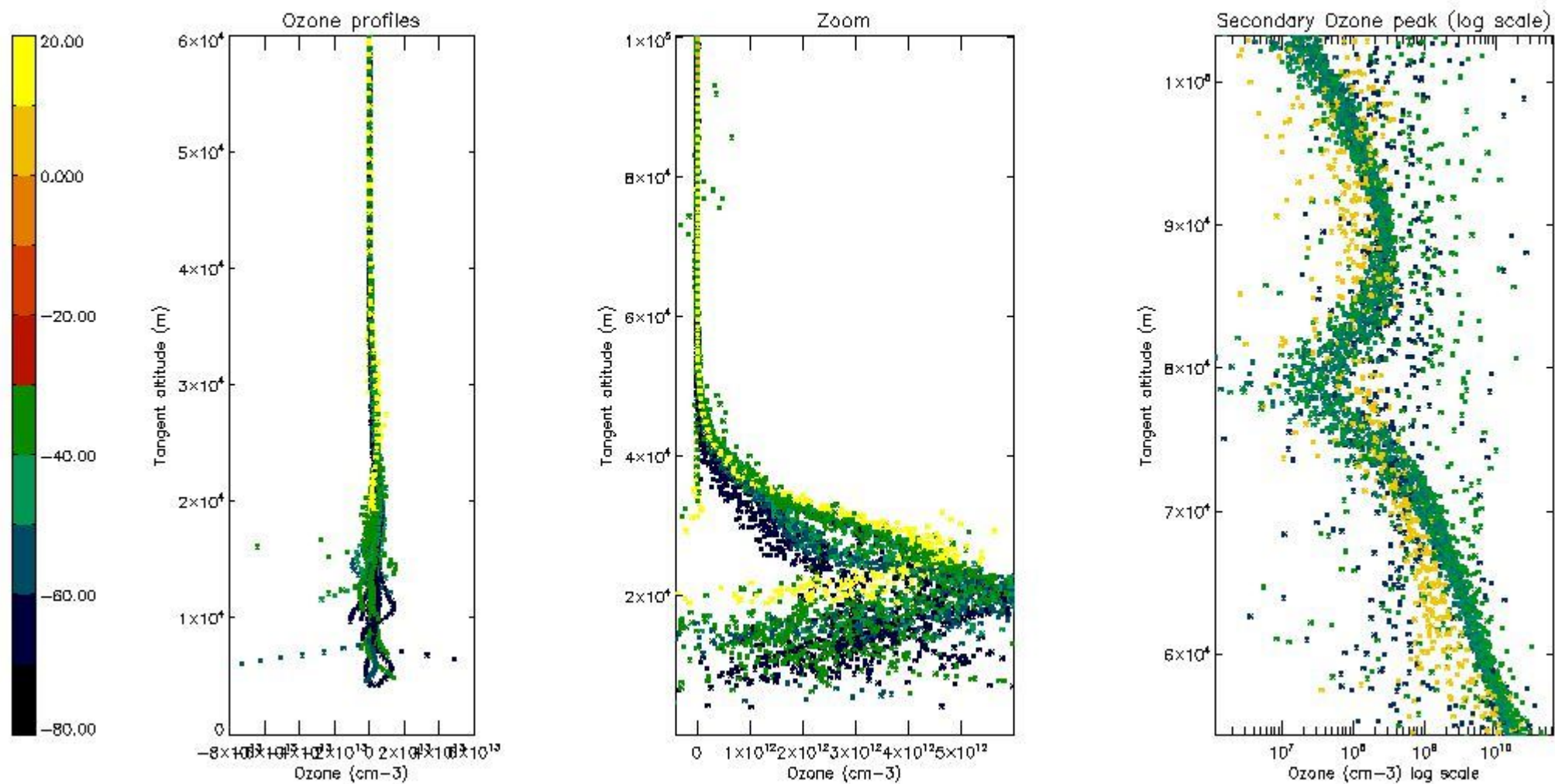
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	44
STD < 20	24

STD < 10	19
STD < 5	13

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

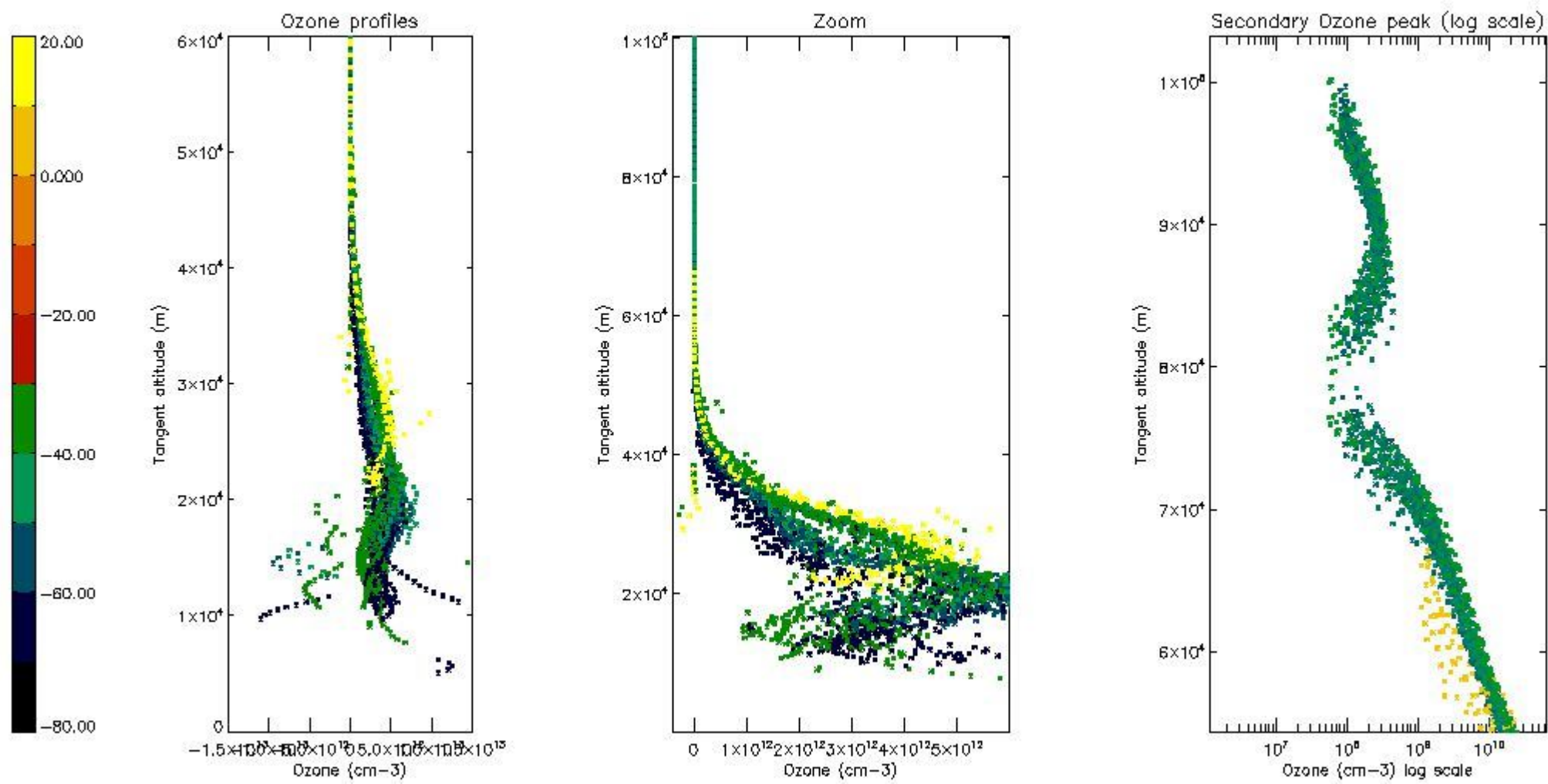
The colorbar represents the latitude.



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

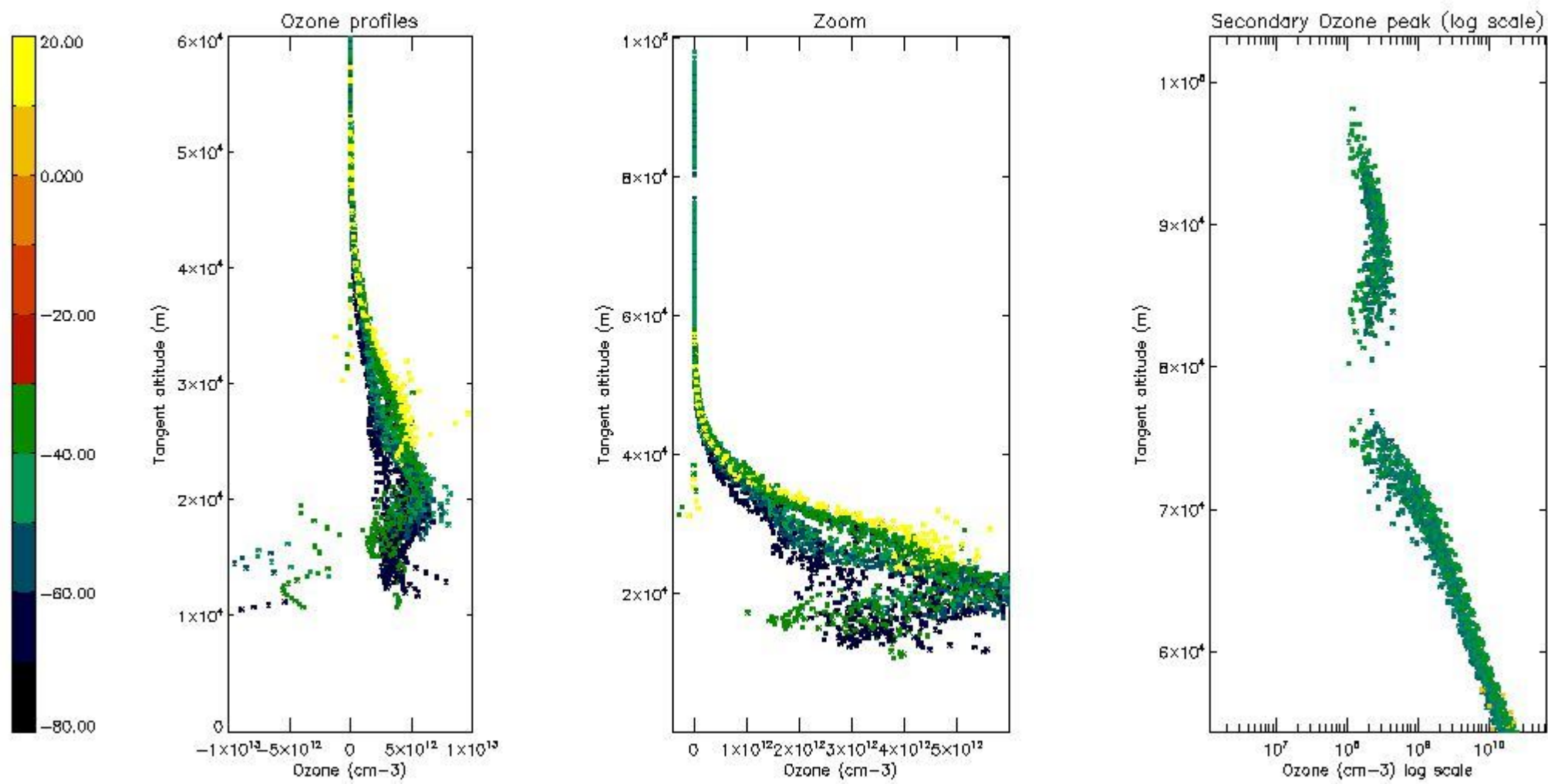
The colorbar represents the latitude.





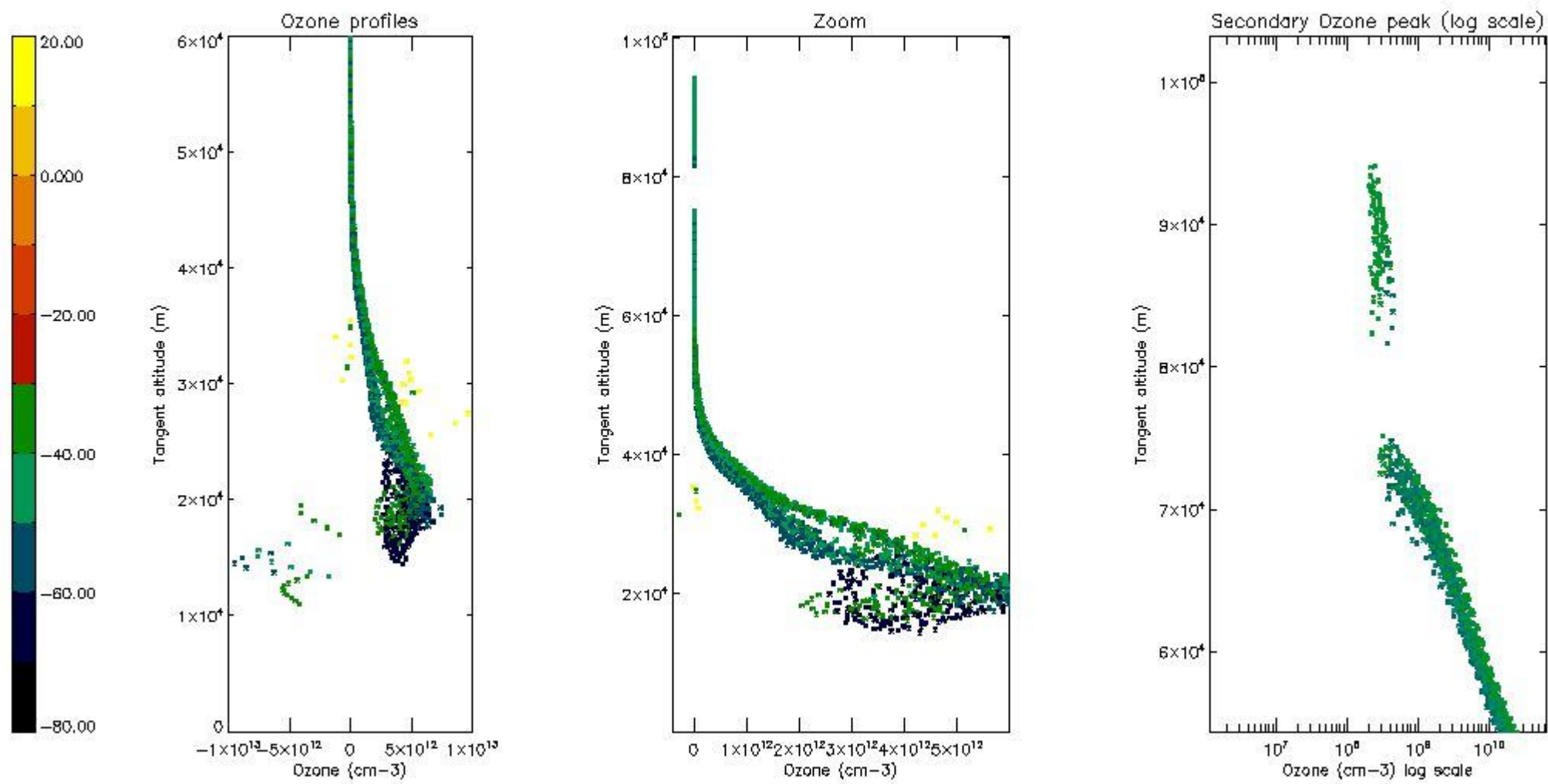
*5.4 Plot ozone profiles where  $STD < 10\%$  (dark without errors)*

The colorbar represents the latitude.



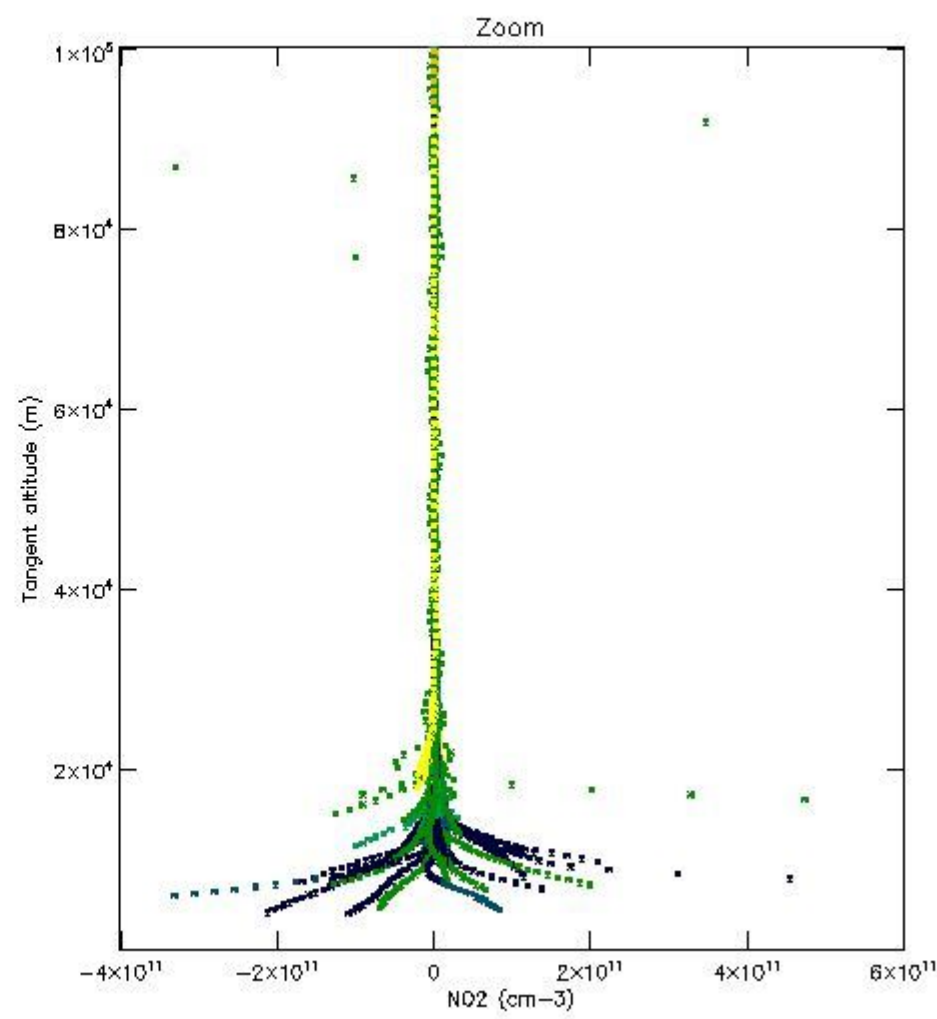
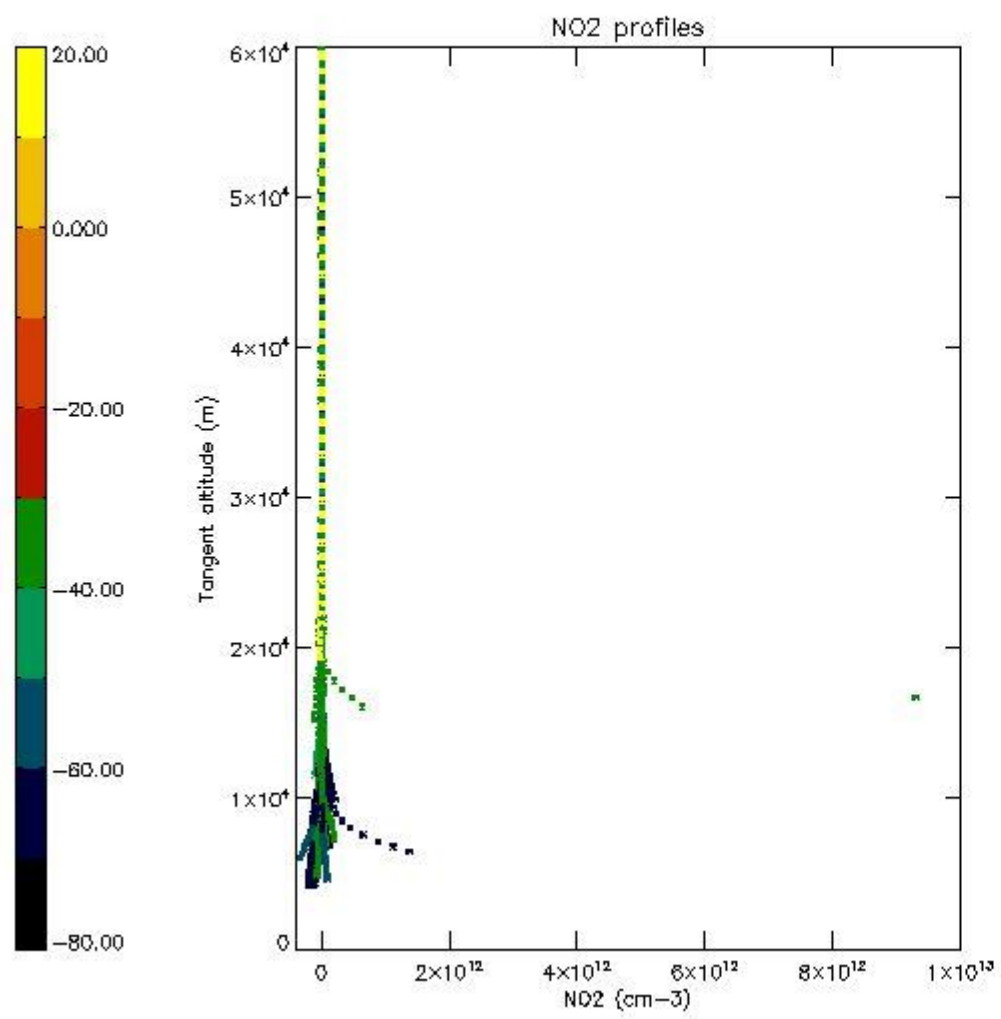
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



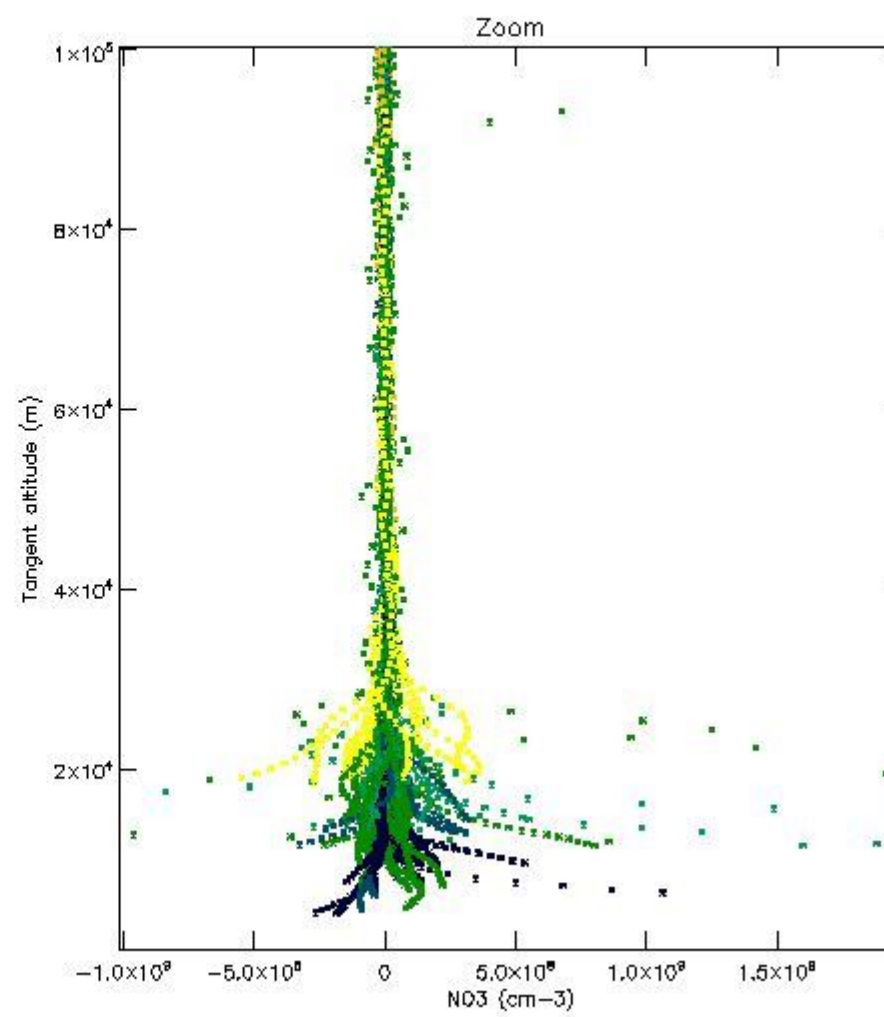
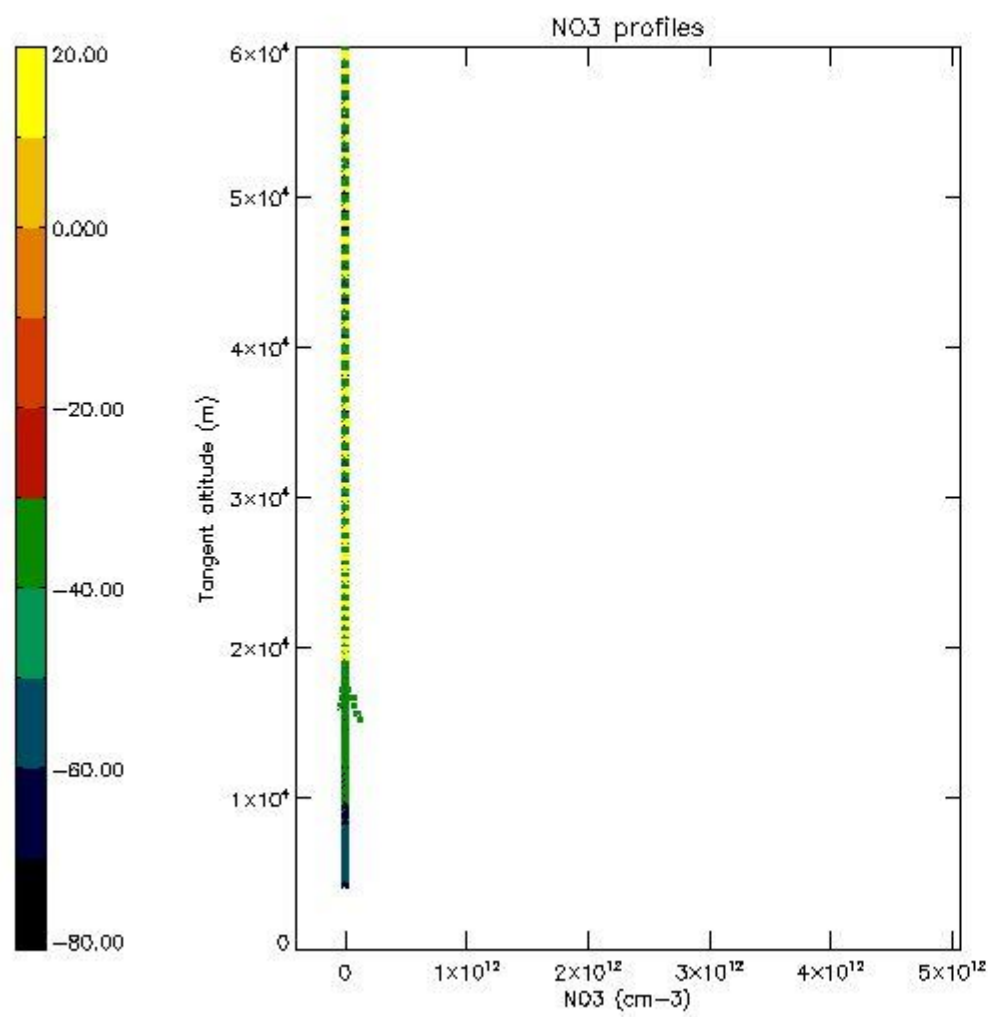
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



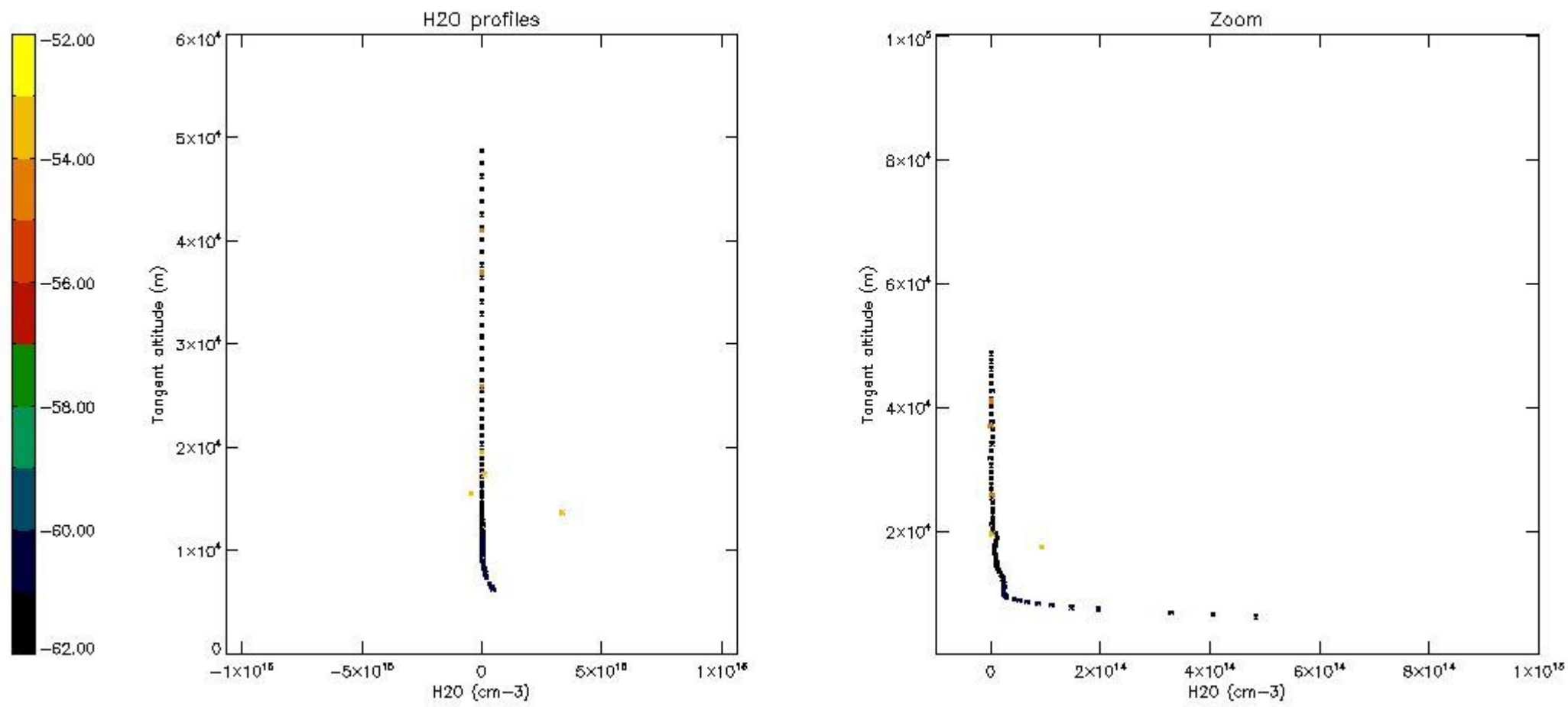
*5.7 Plot NO3 profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

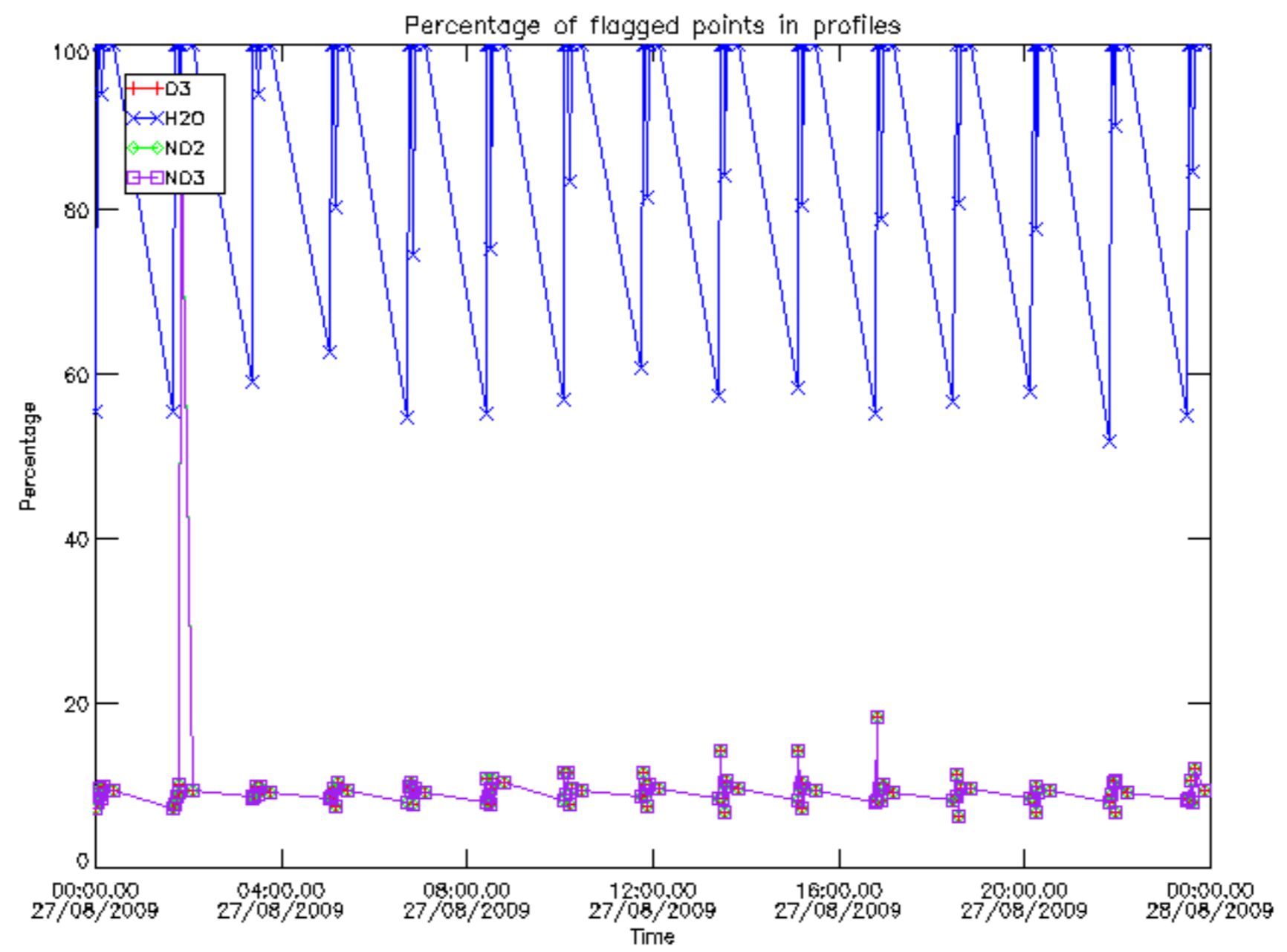
The colorbar represents the latitude.



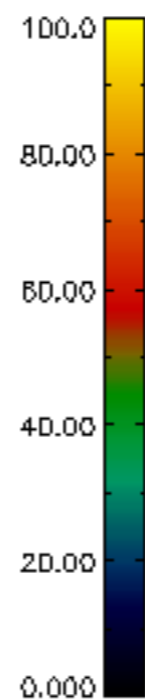
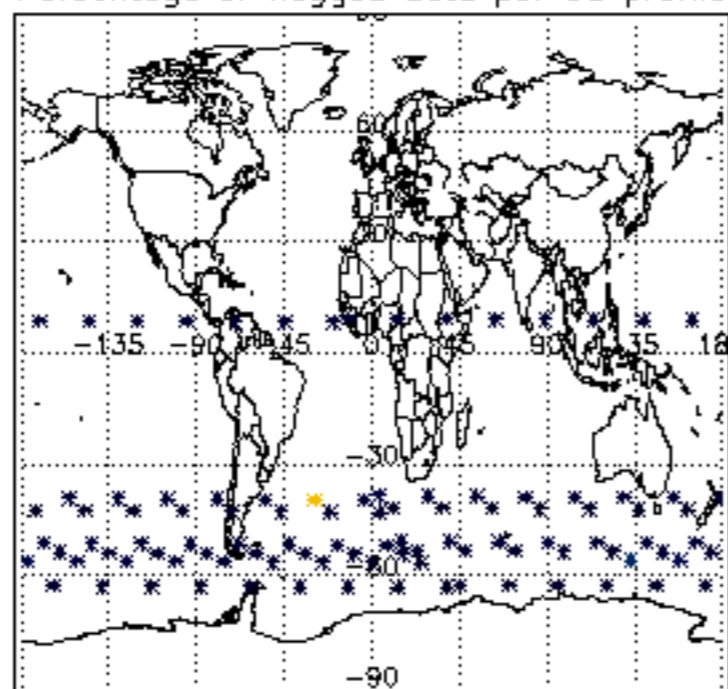
## 6. Auxiliary Data Files used for the production reported in section 2

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

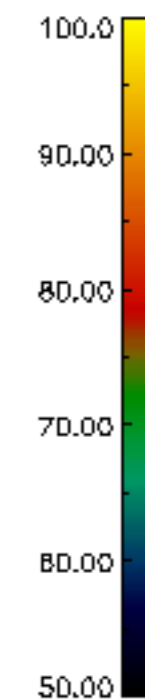
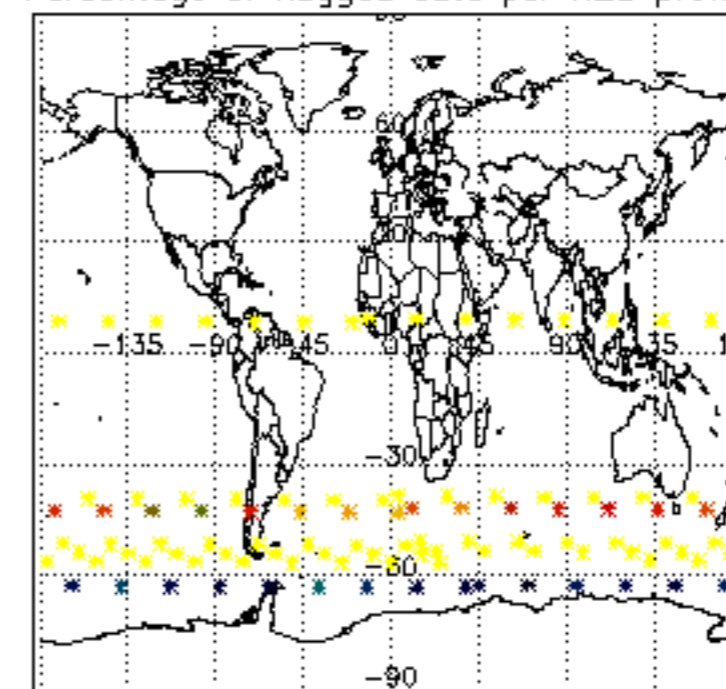
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	27-AUG-2009 00:00:26
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	27-AUG-2009 00:00:26
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	27-AUG-2009 00:00:26



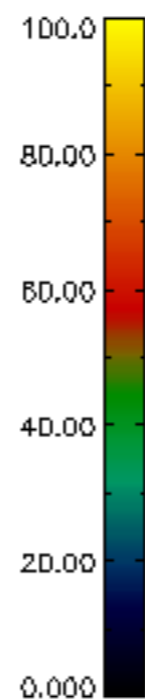
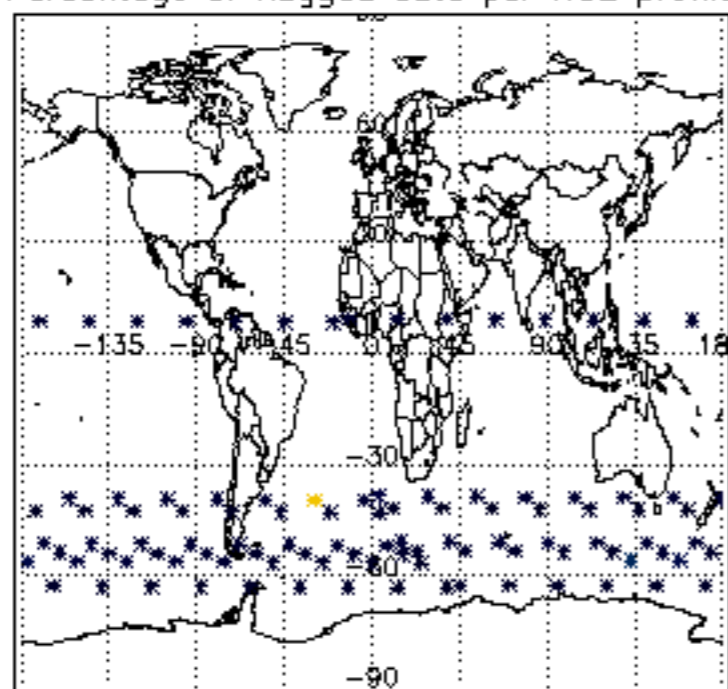
Percentage of flagged data per D3 profile



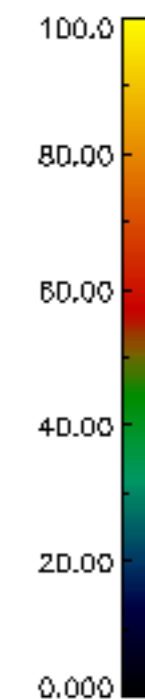
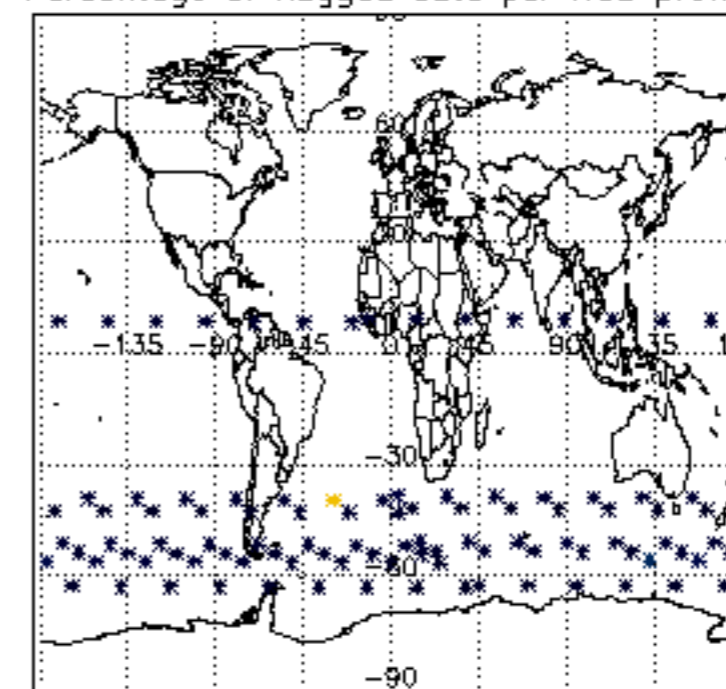
Percentage of flagged data per H2O profile



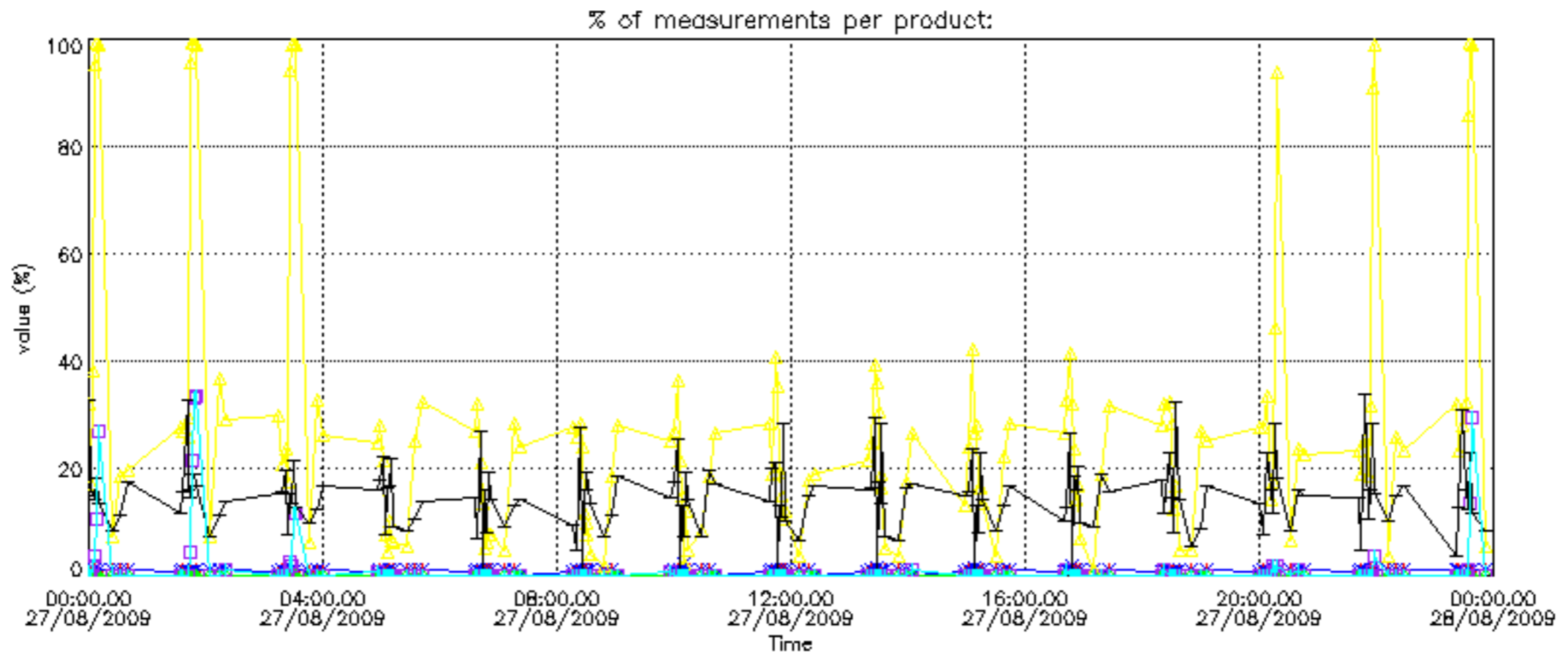
Percentage of flagged data per NO2 profile

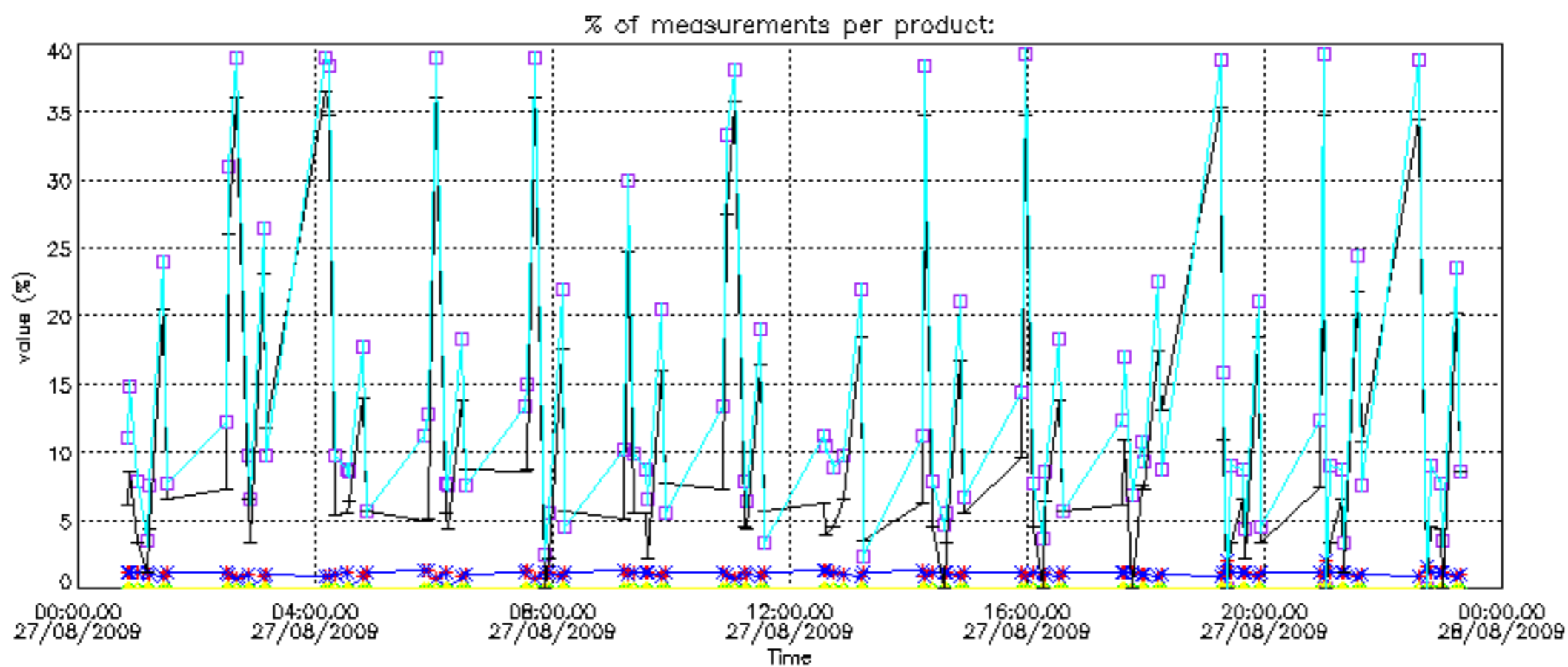


Percentage of flagged data per NO3 profile

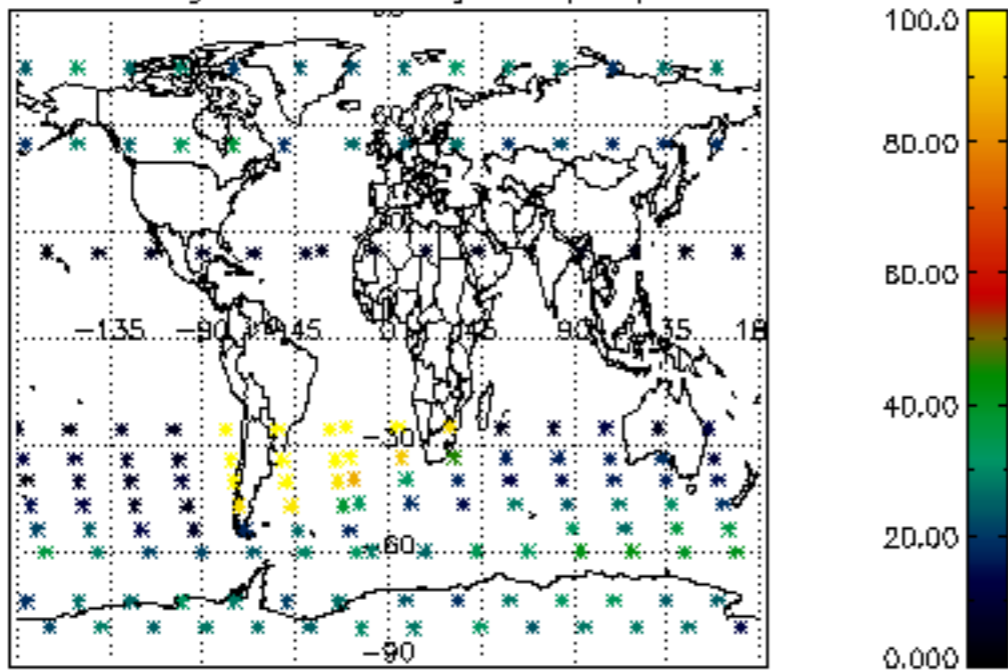




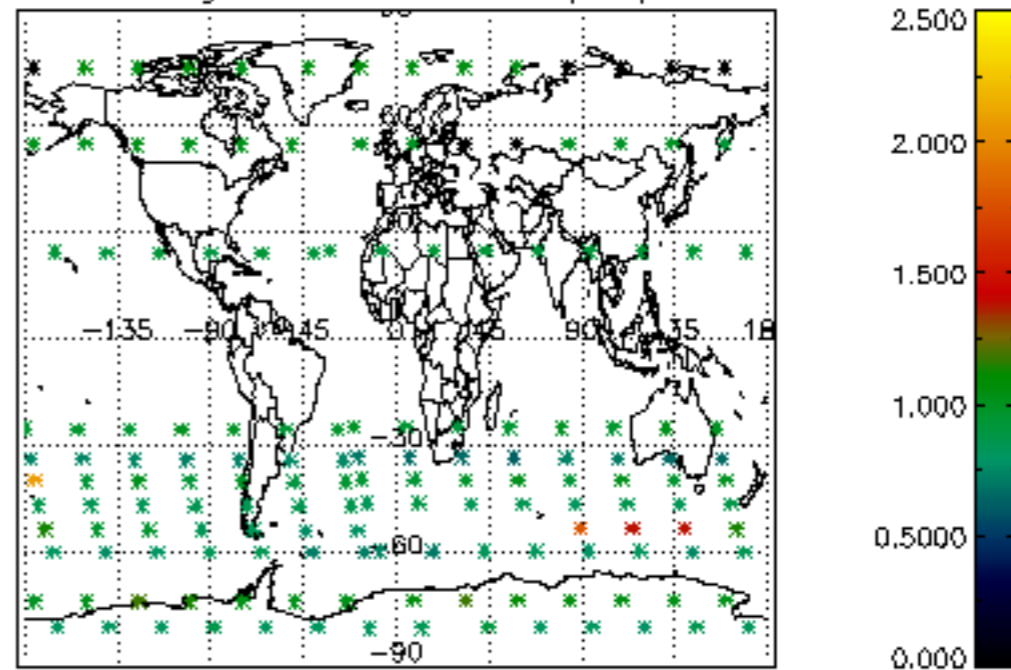




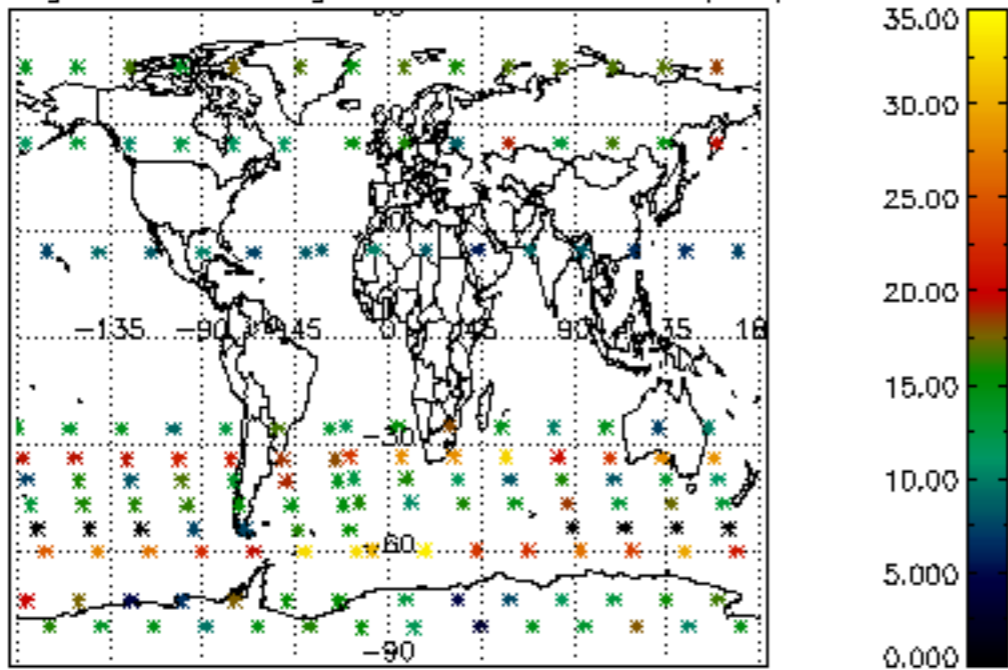
Percentage of cosmic ray hits per profile



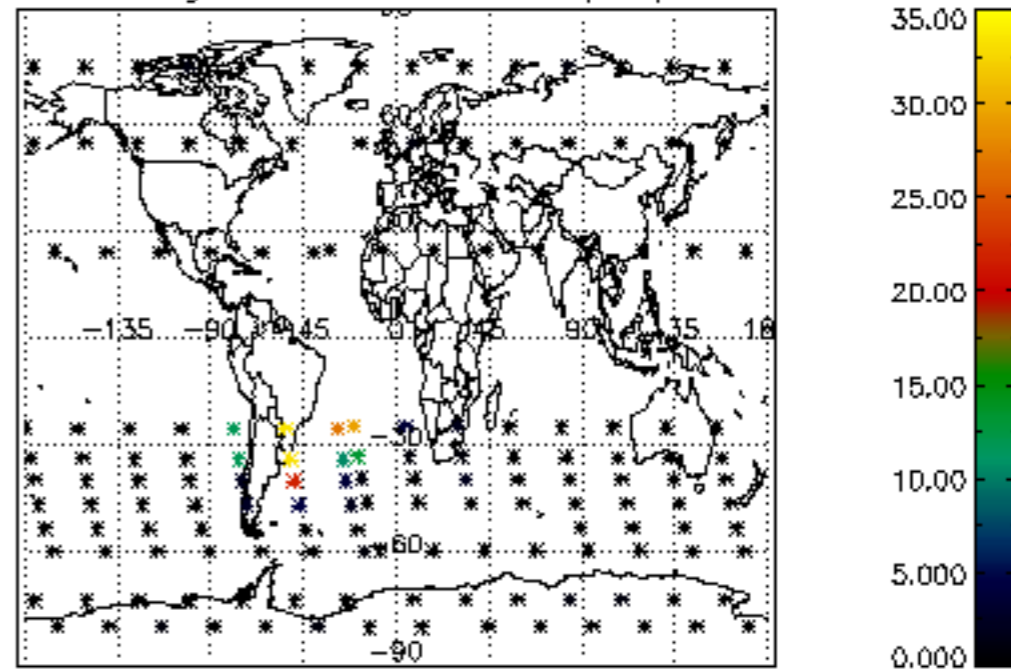
Percentage of datation errors per profile



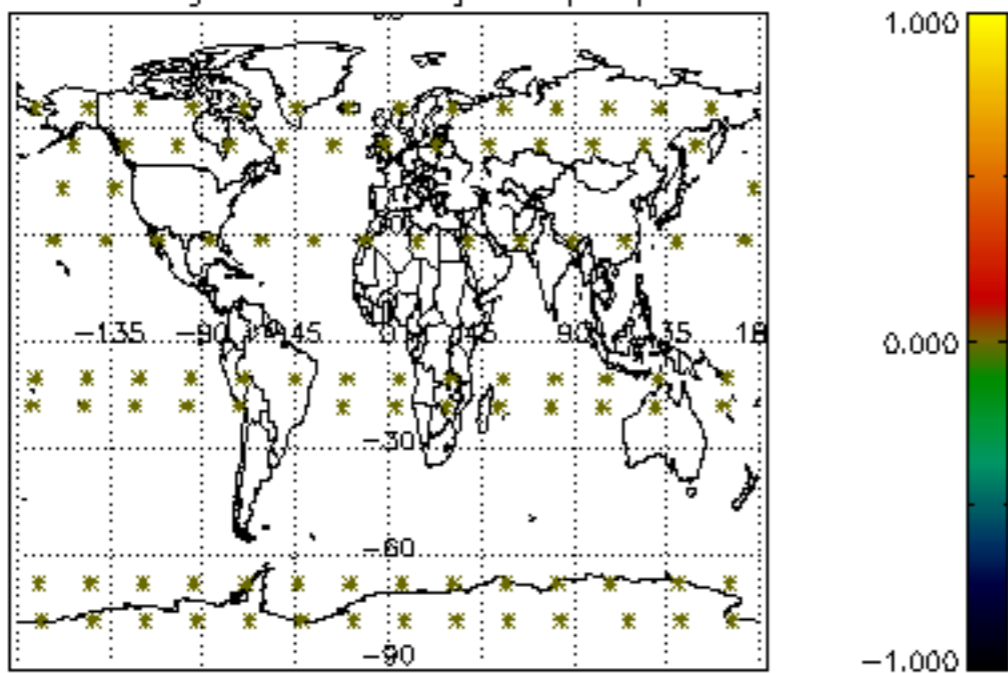
Percentage of star falling outside central band per profile



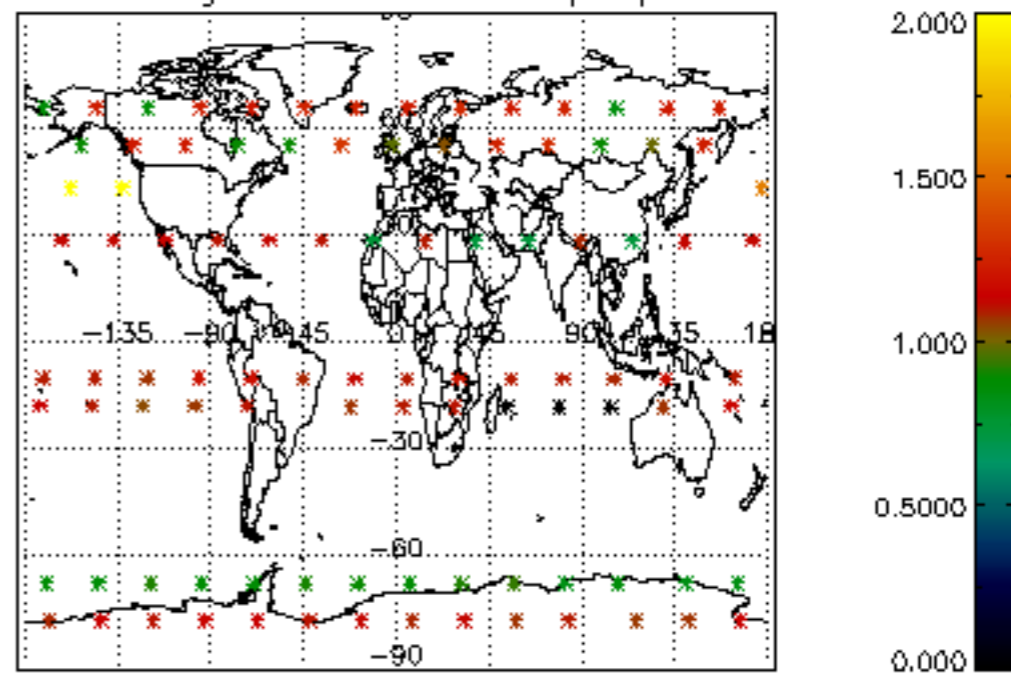
Percentage of saturation errors per profile



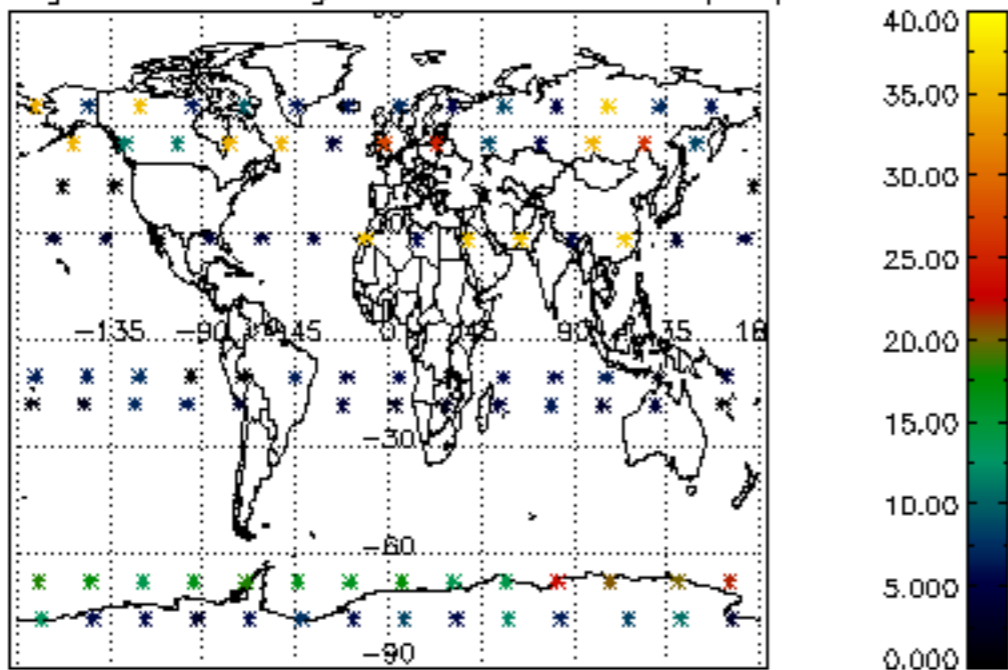
Percentage of cosmic ray hits per profile



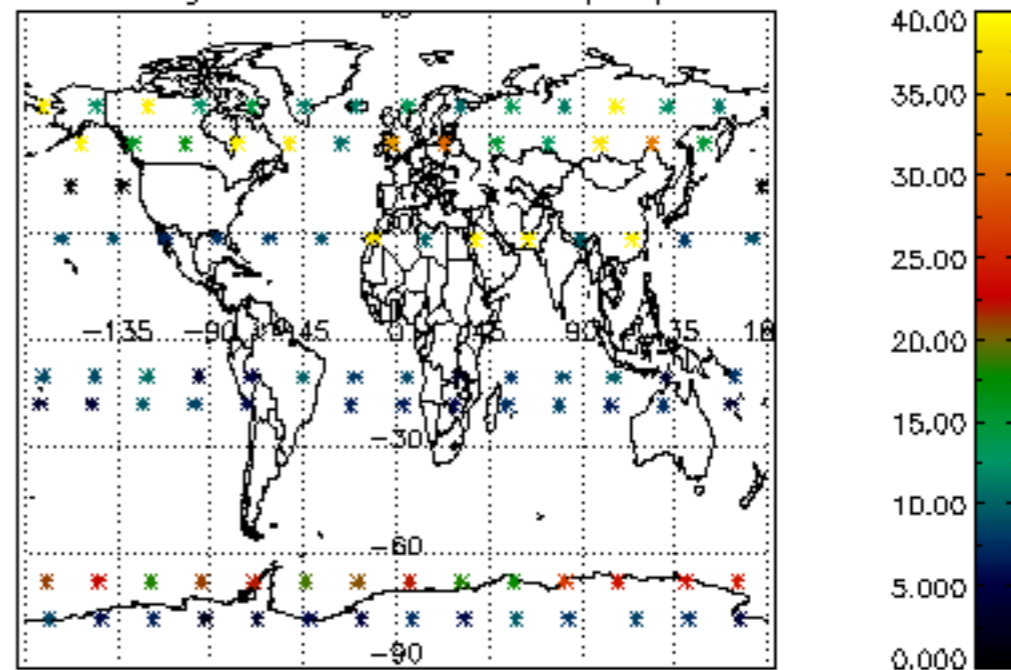
Percentage of datation errors per profile

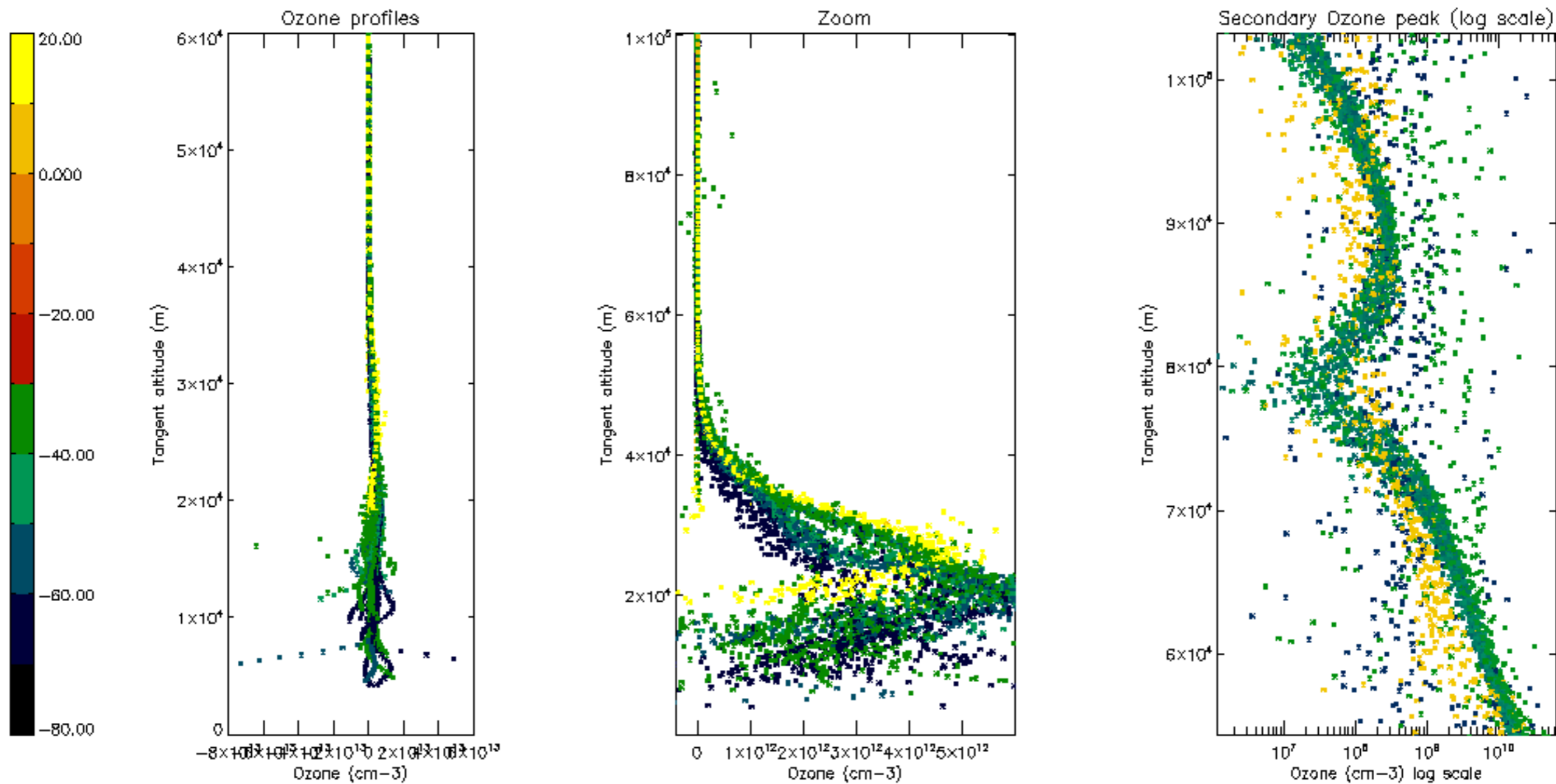


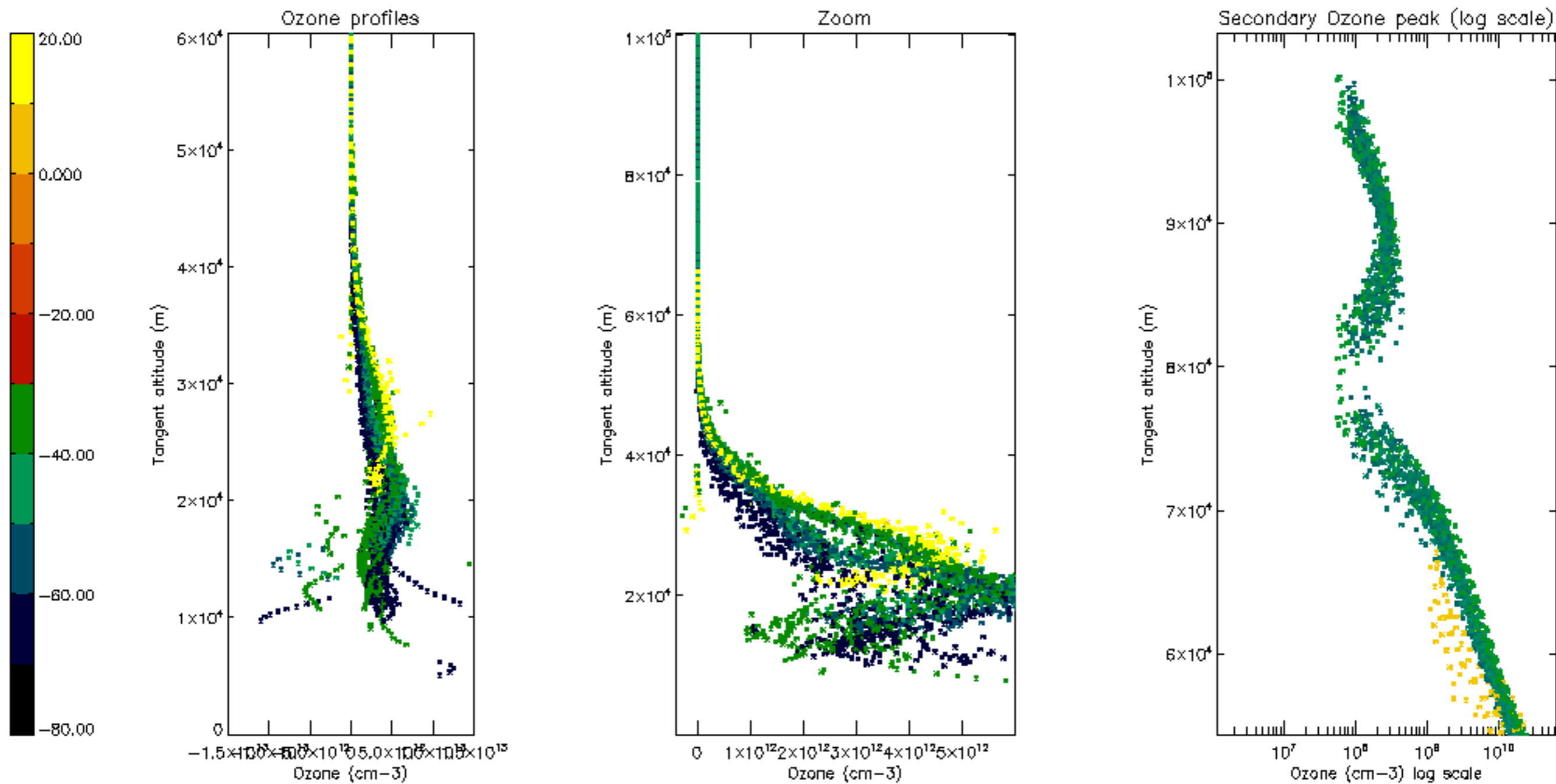
Percentage of star falling outside central band per profile

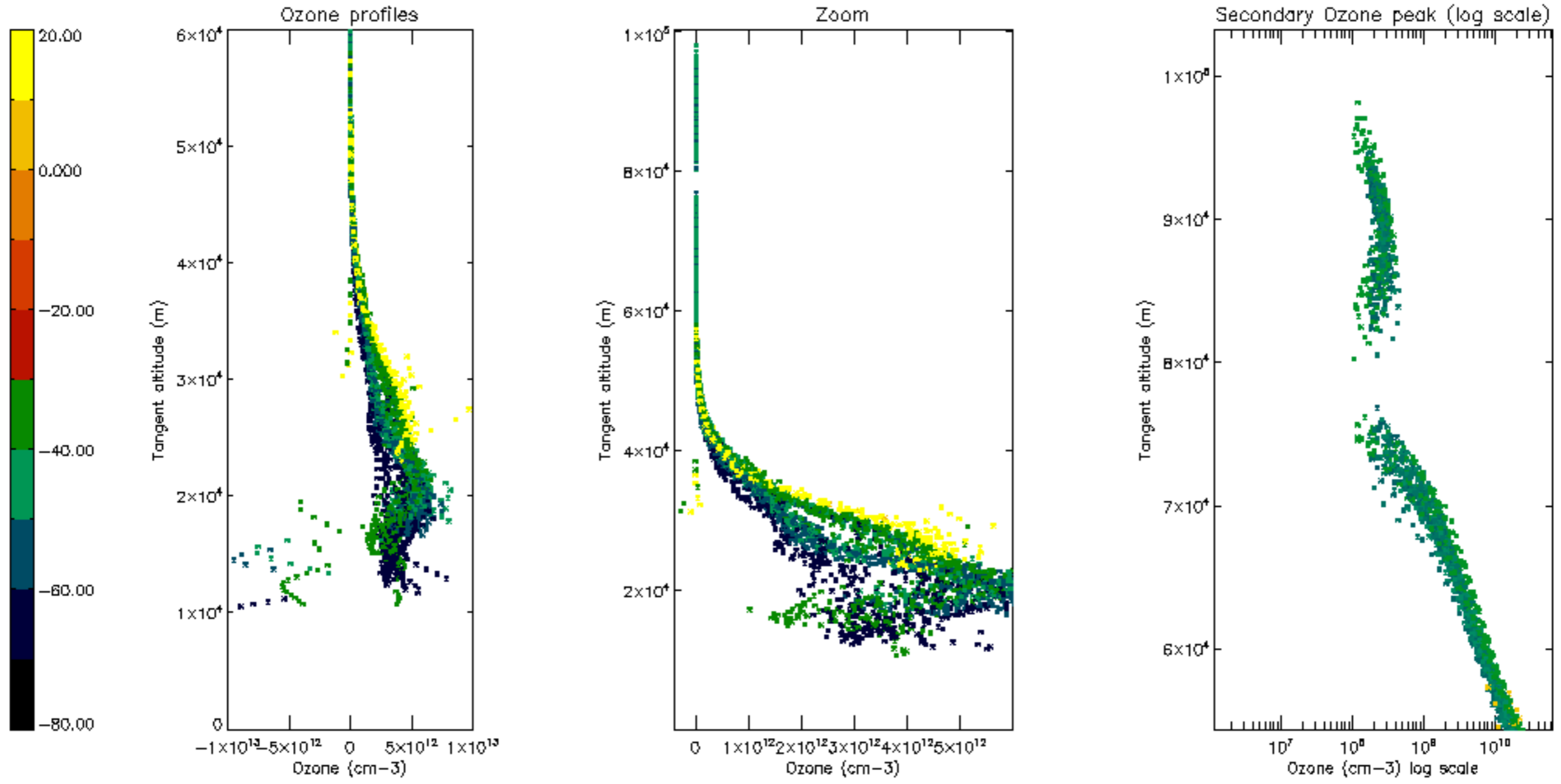


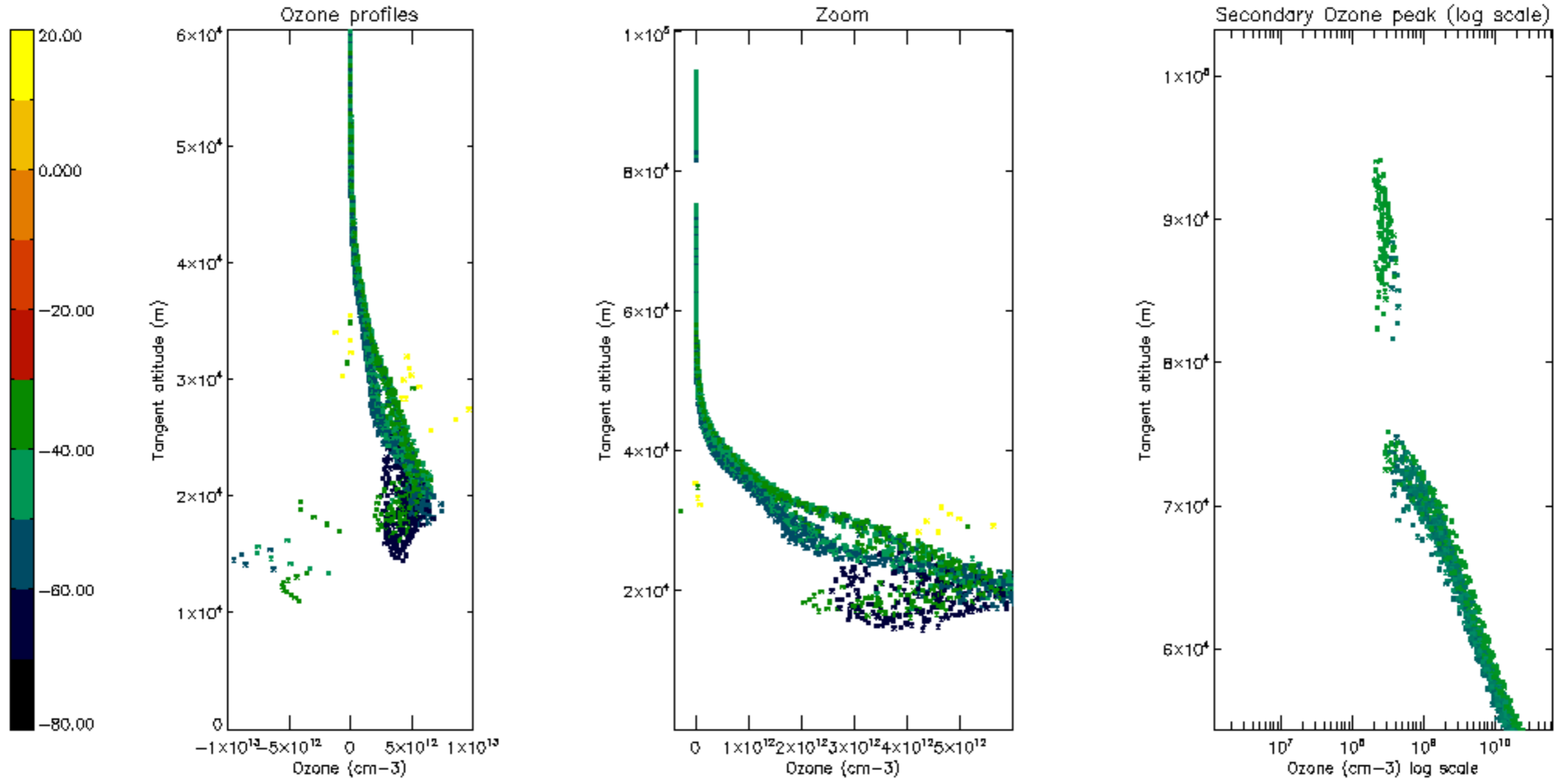
Percentage of saturation errors per profile



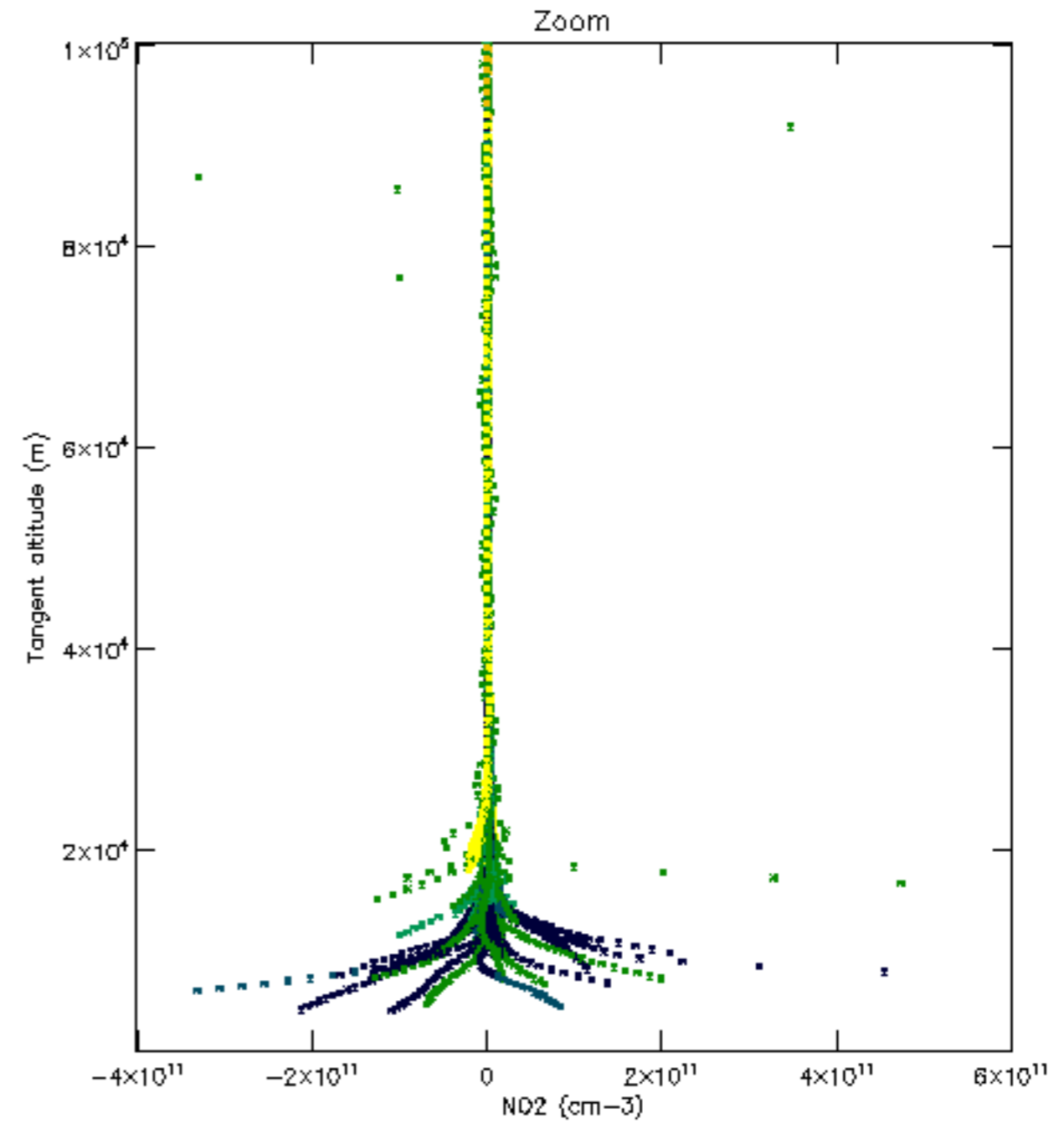
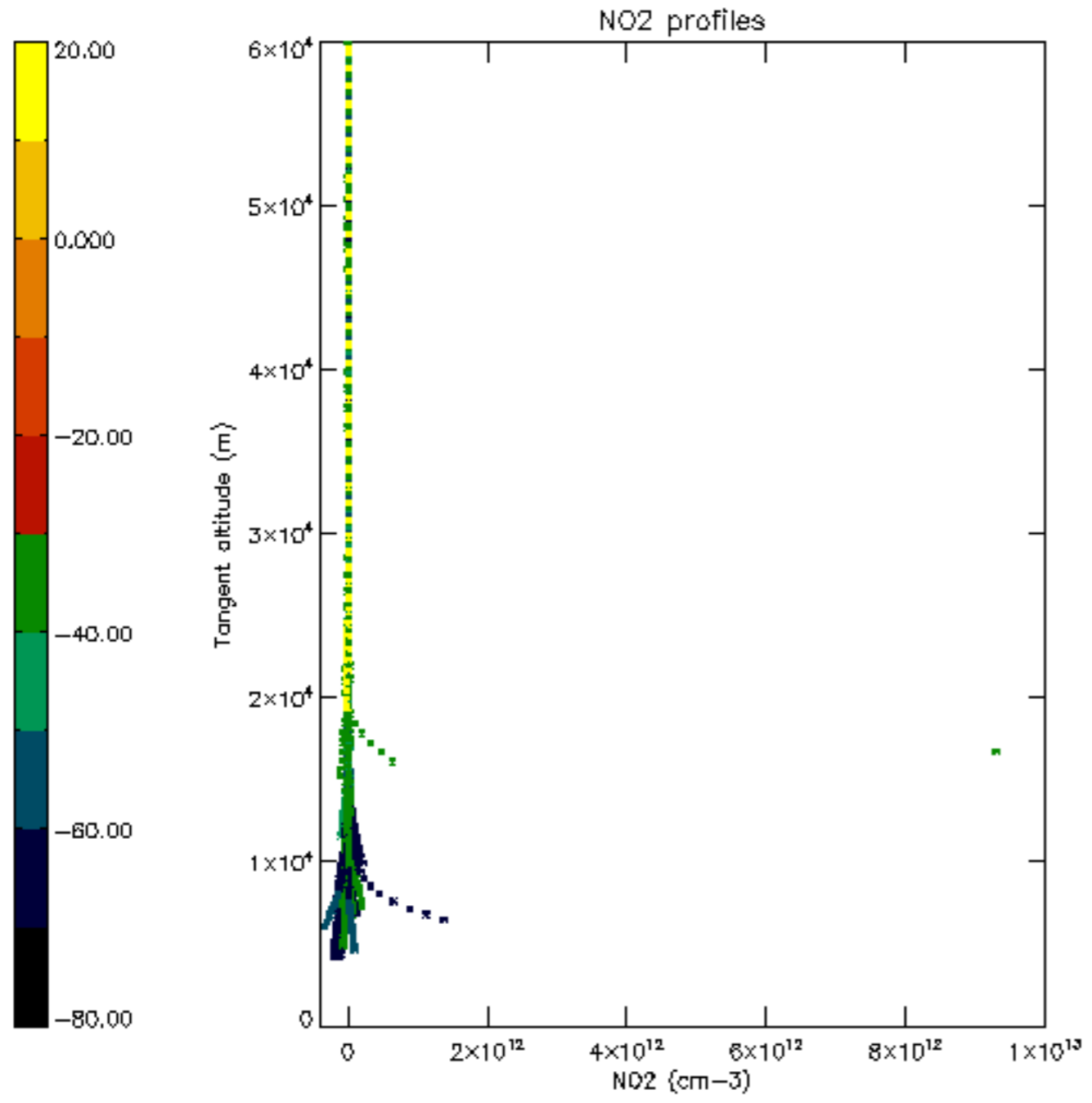


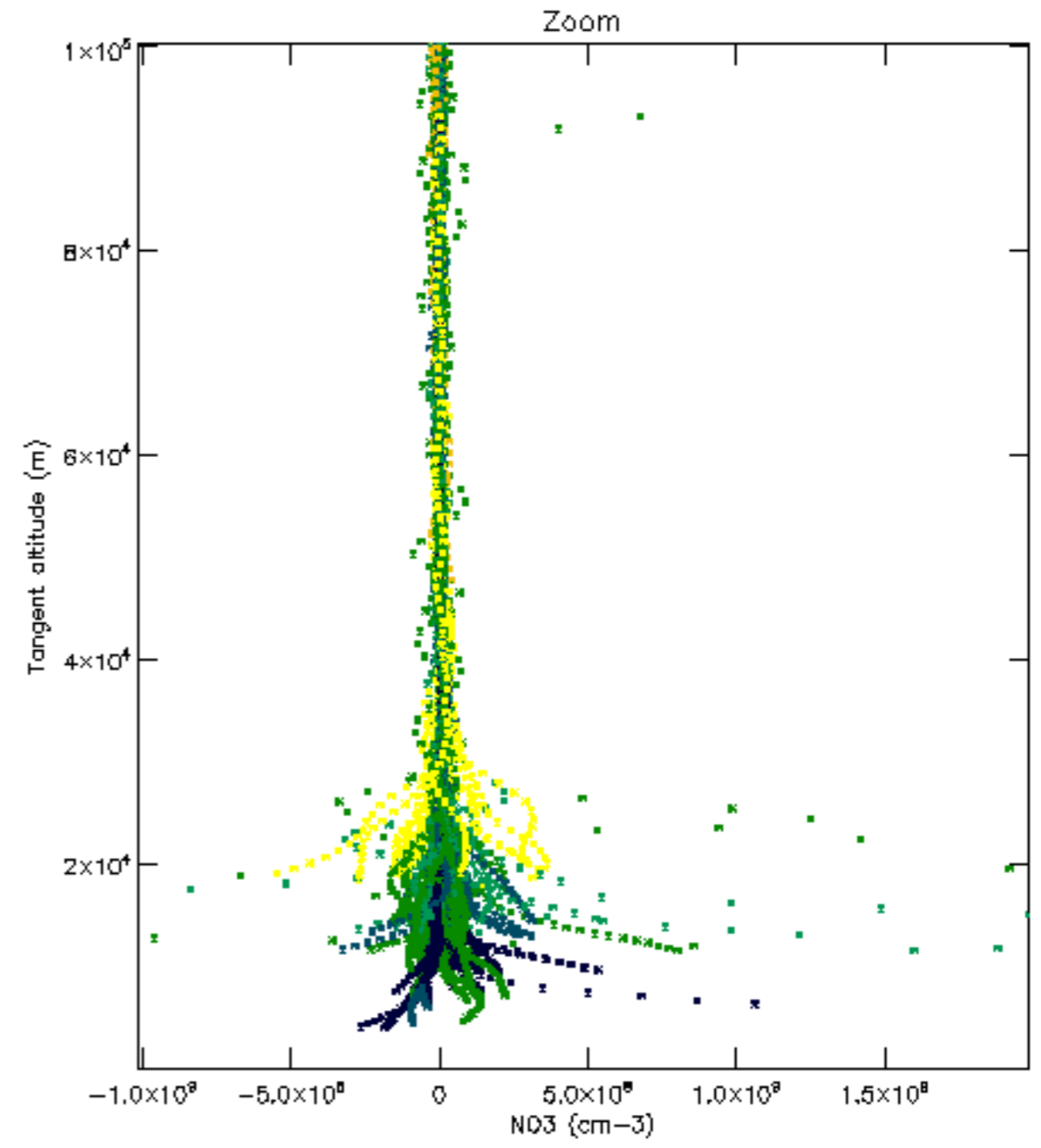
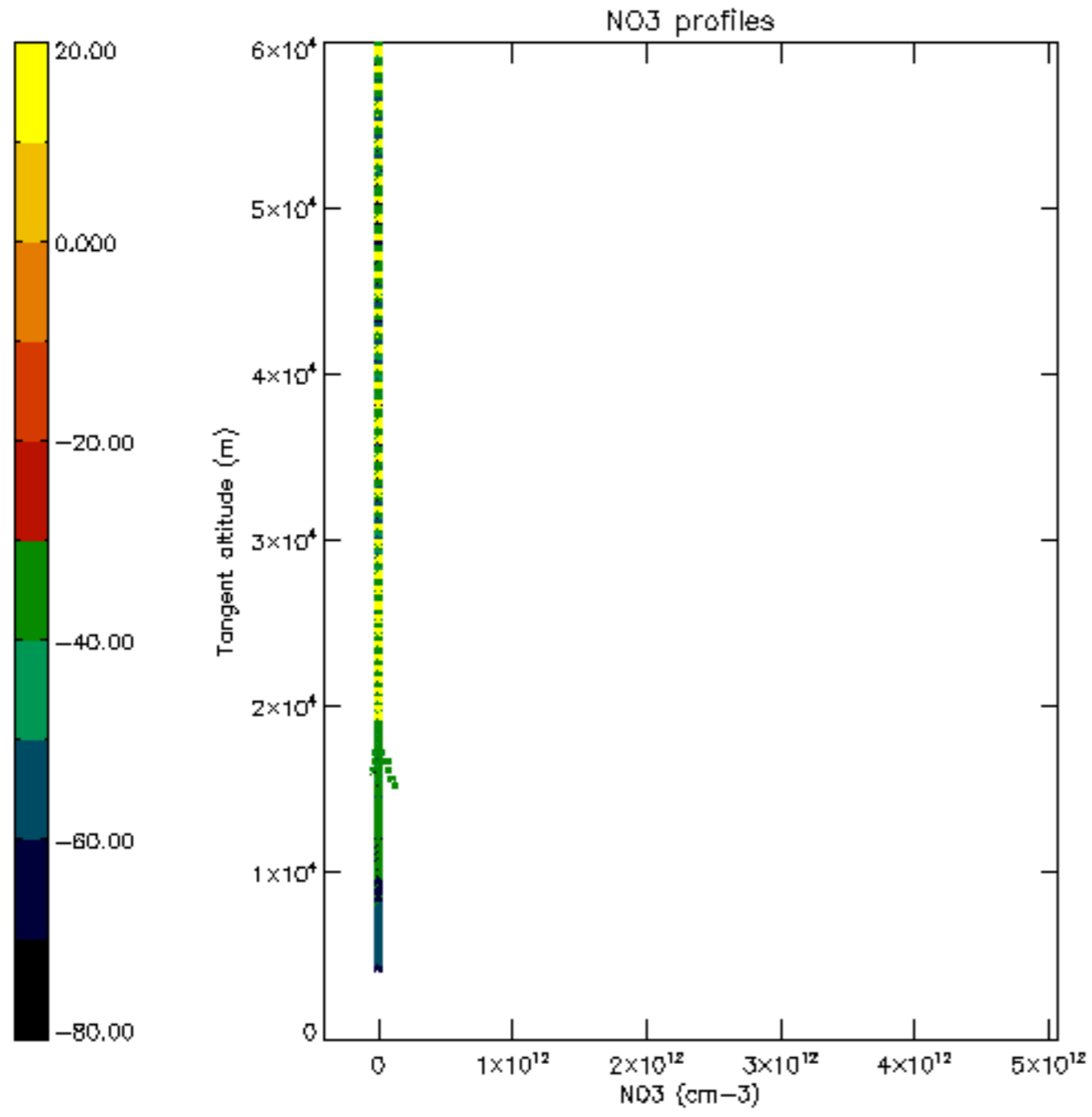


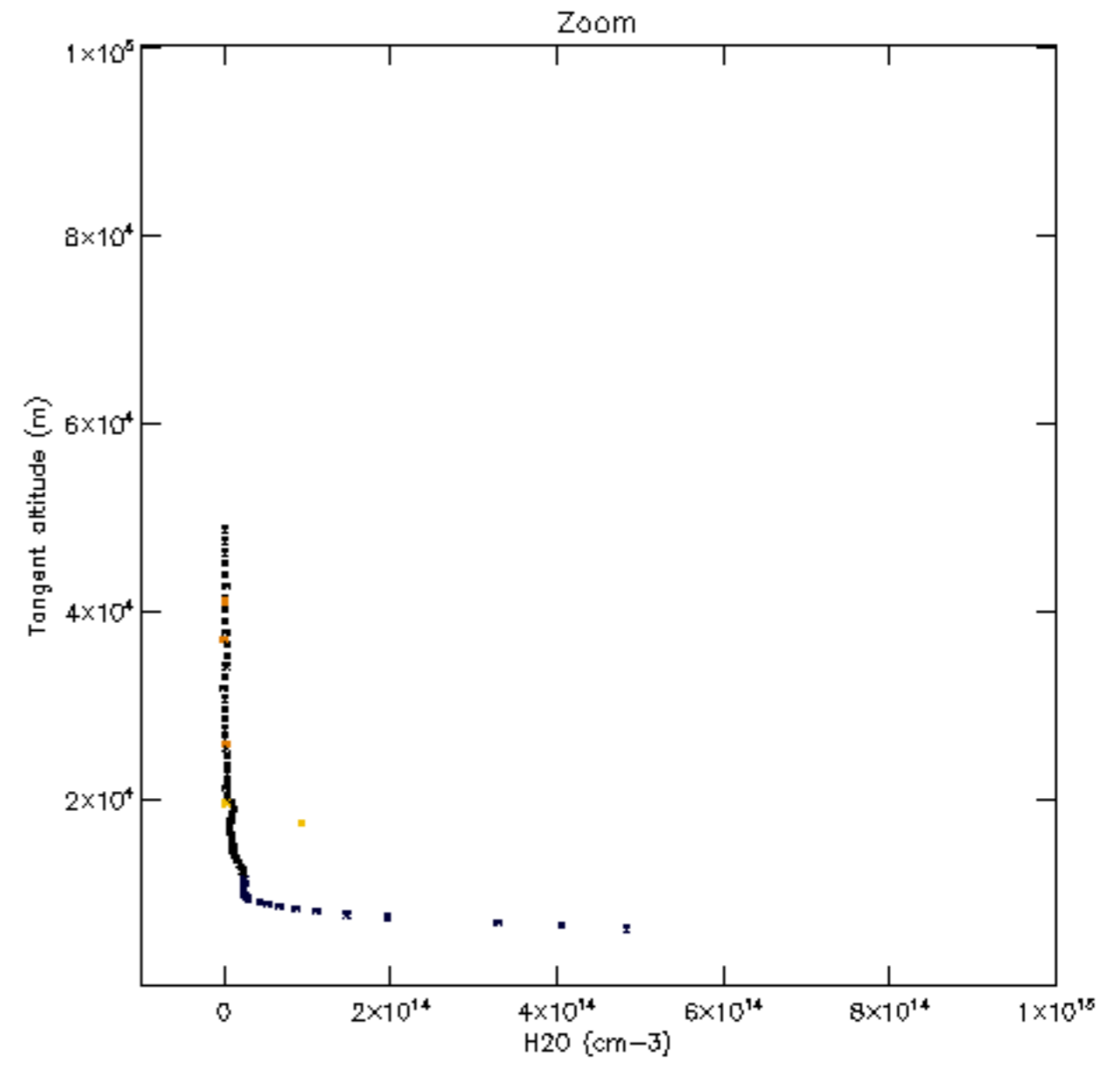
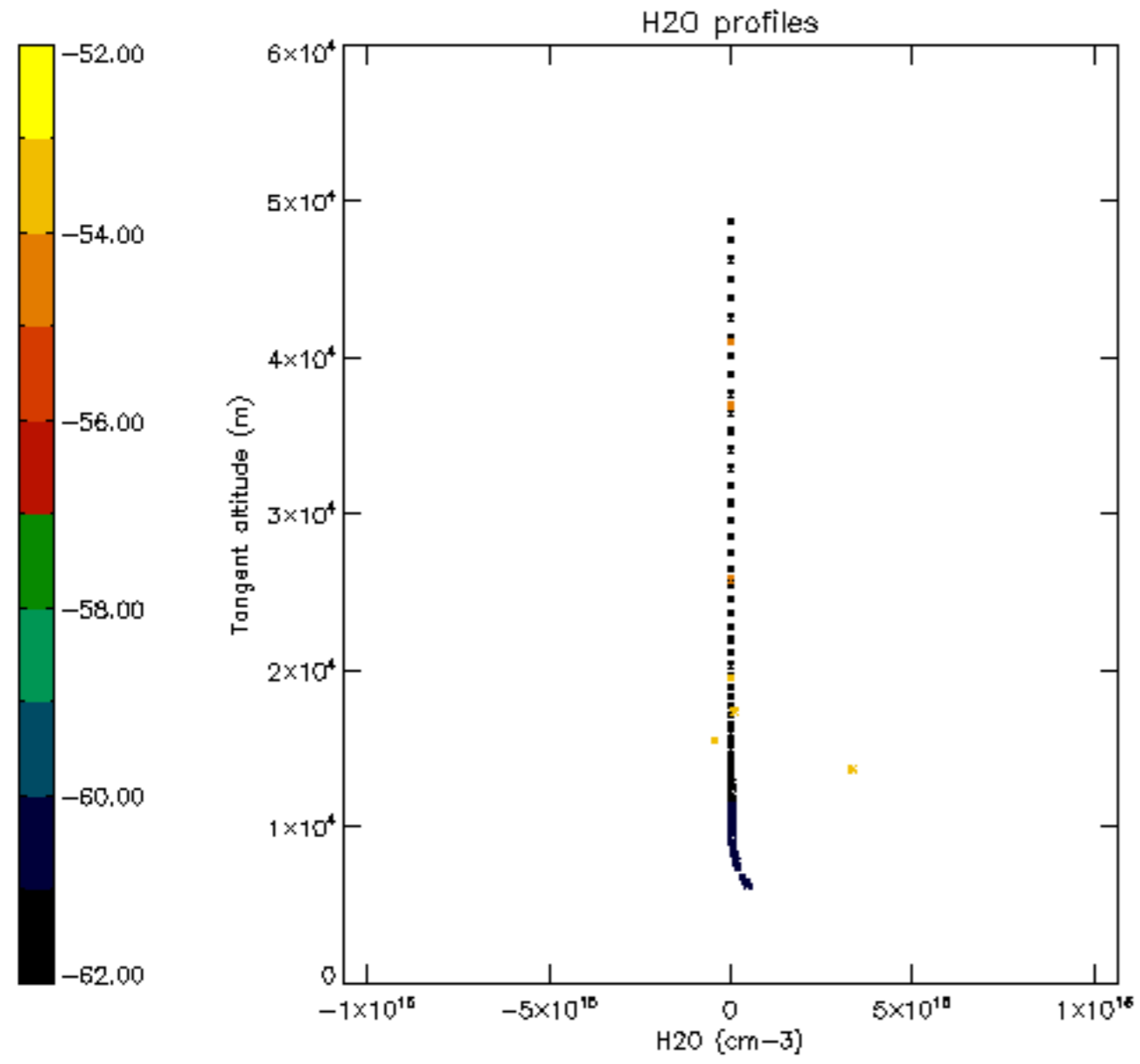


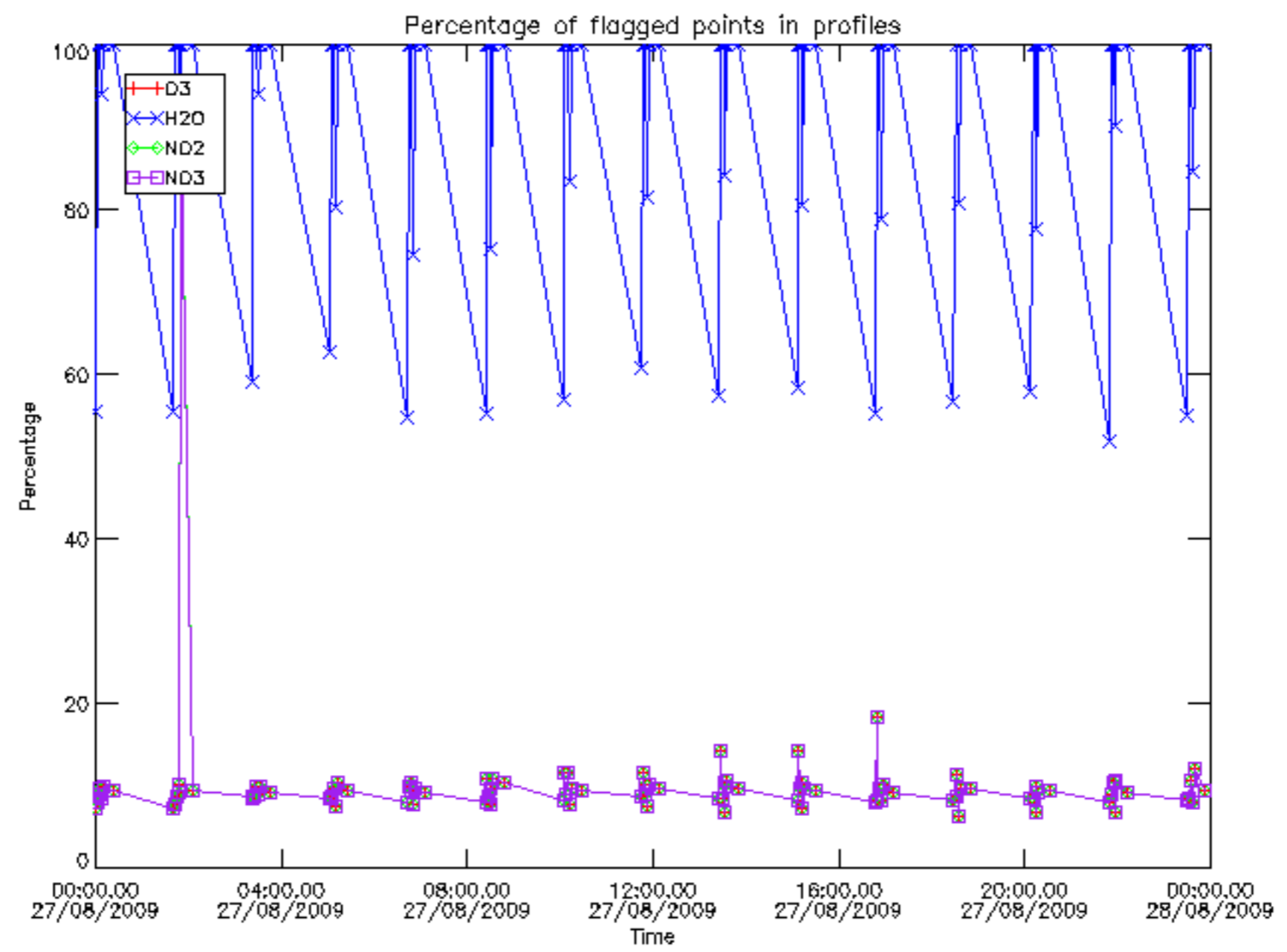




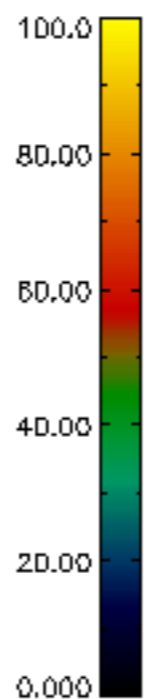
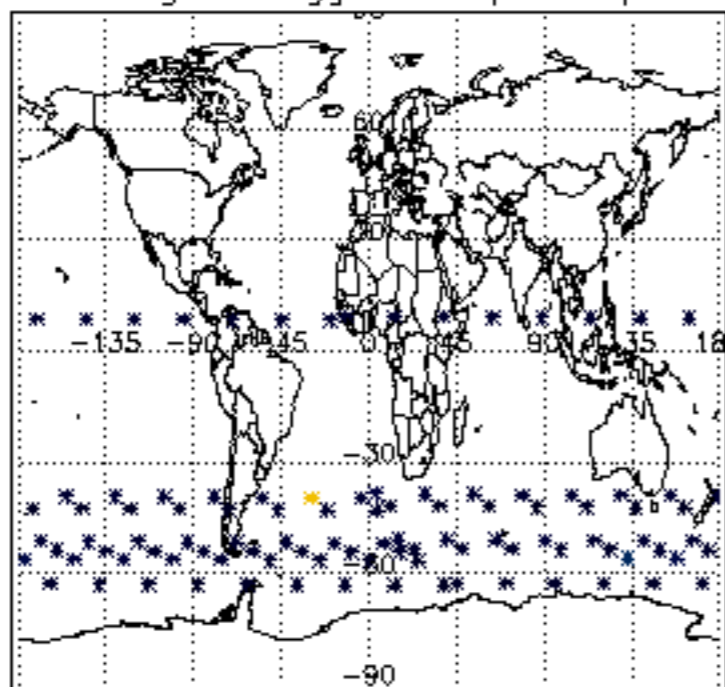




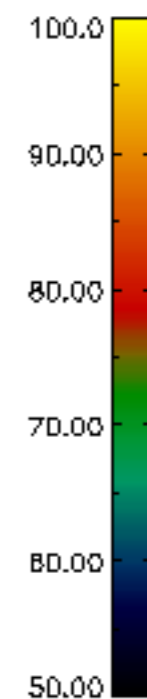
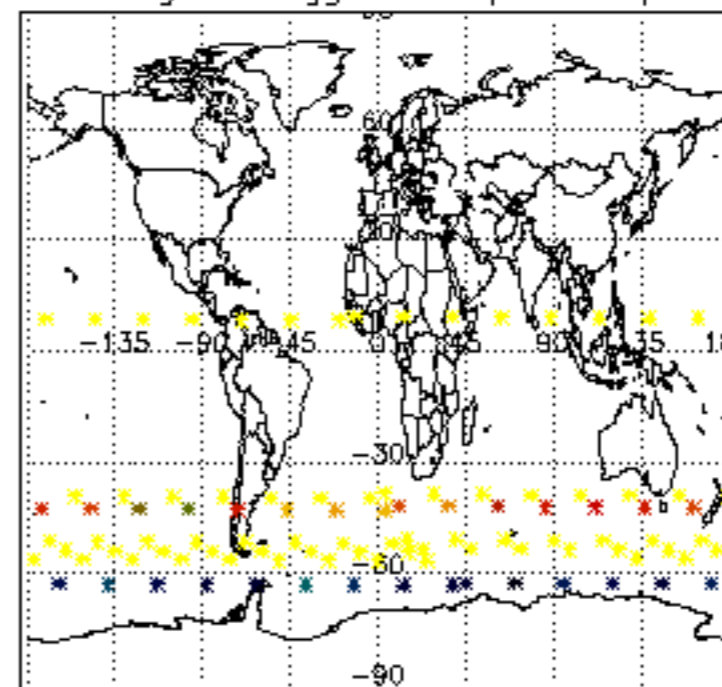




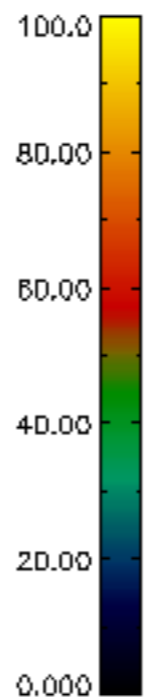
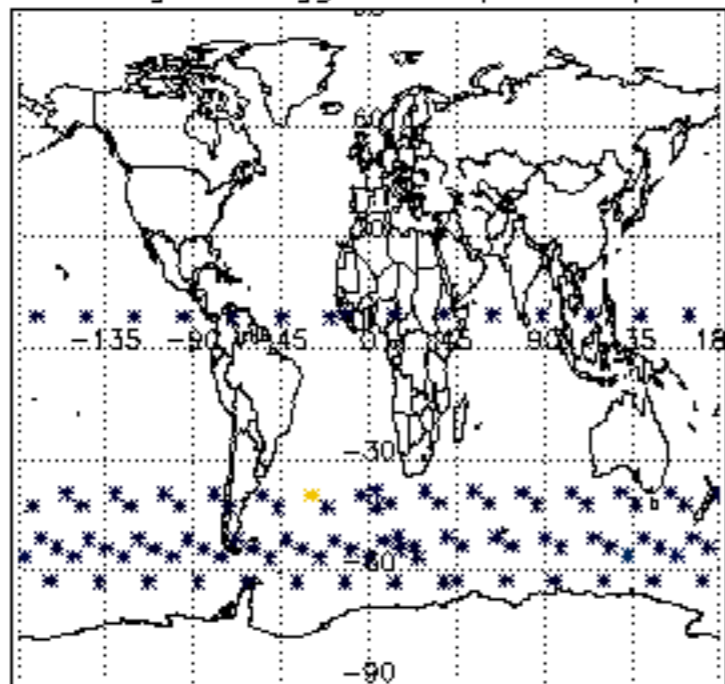
Percentage of flagged data per D3 profile



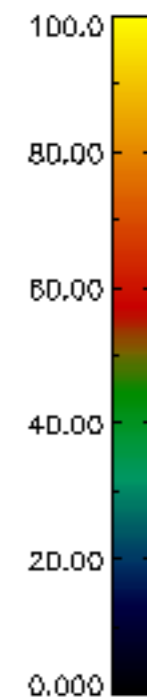
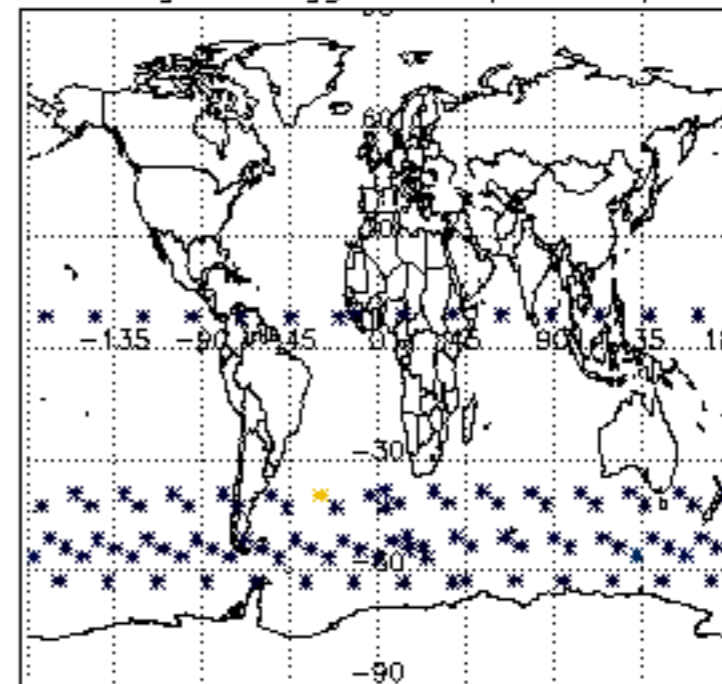
Percentage of flagged data per H2O profile

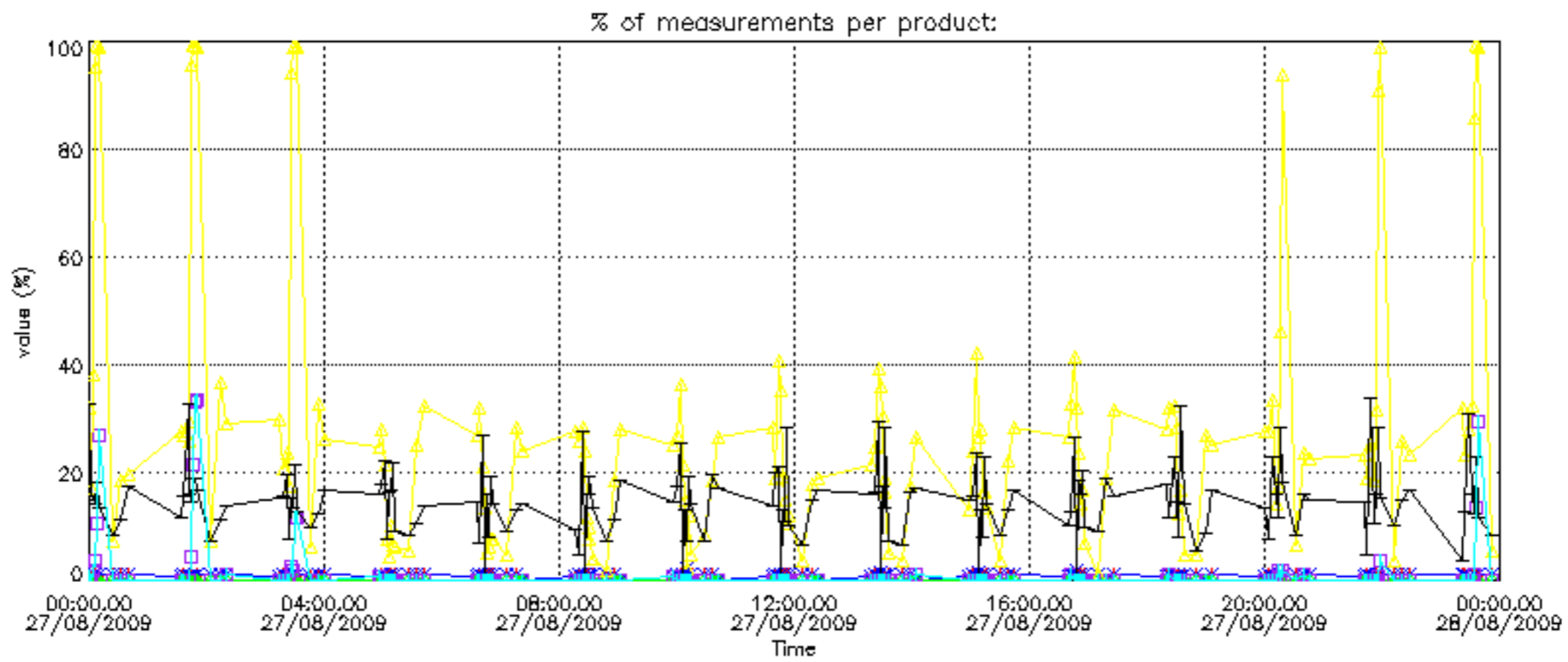


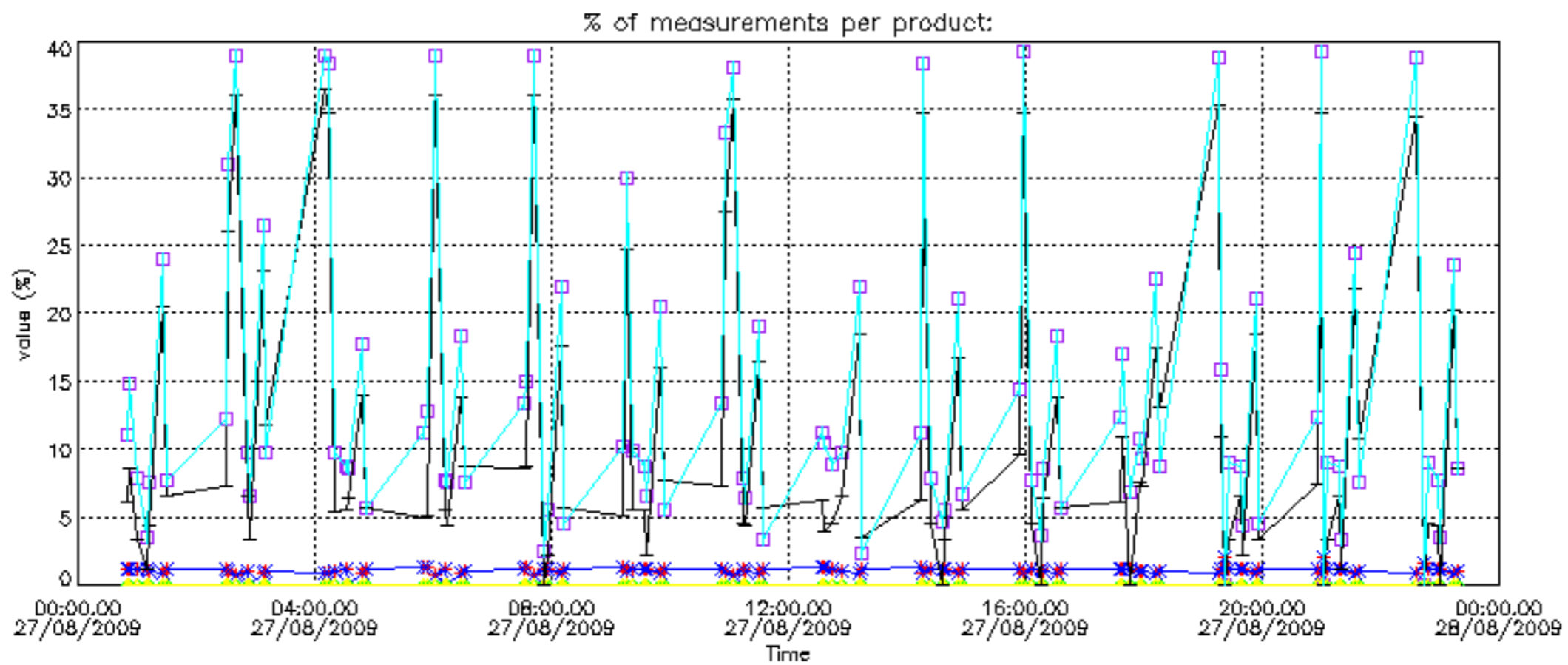
Percentage of flagged data per NO2 profile



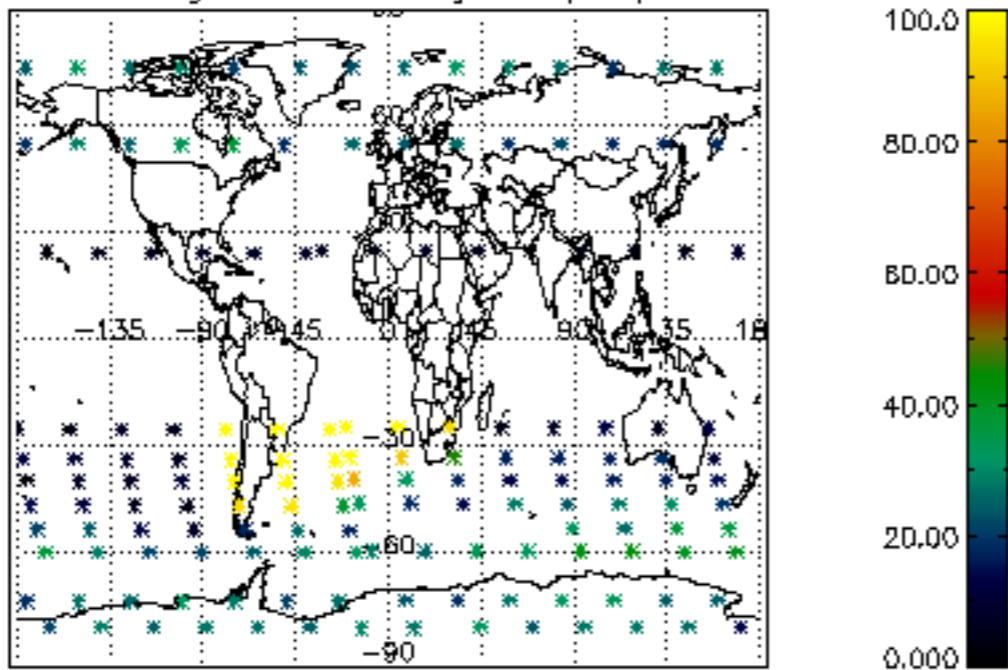
Percentage of flagged data per NO3 profile



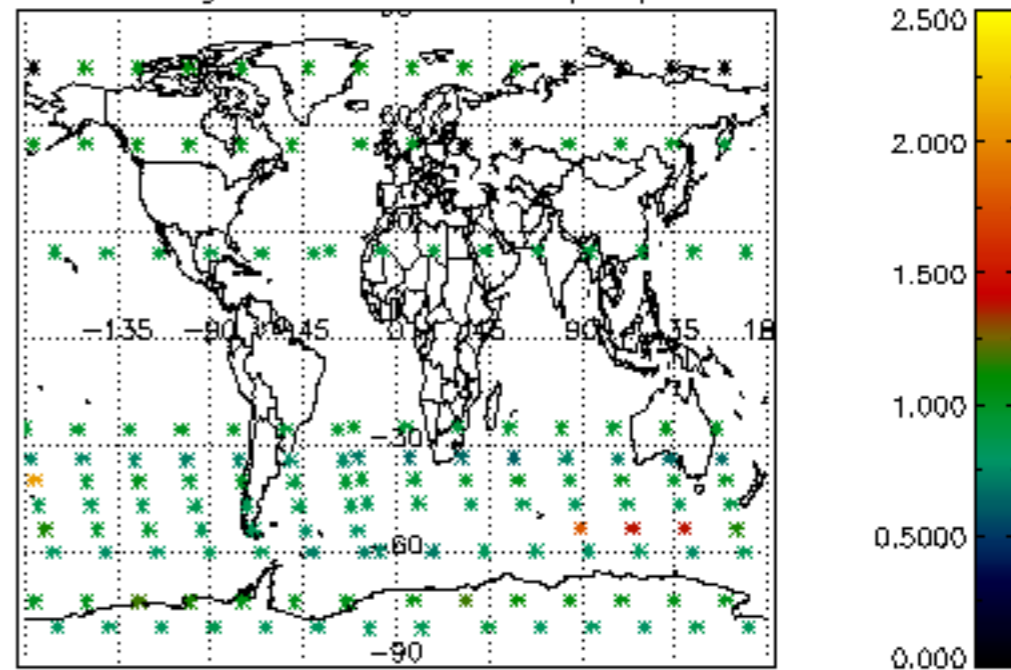




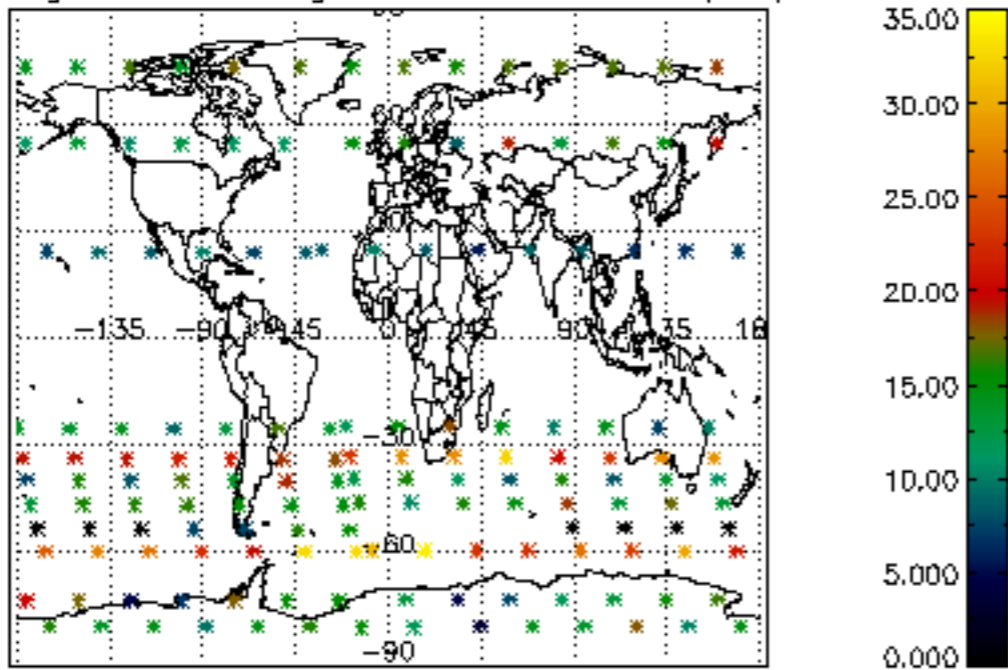
Percentage of cosmic ray hits per profile



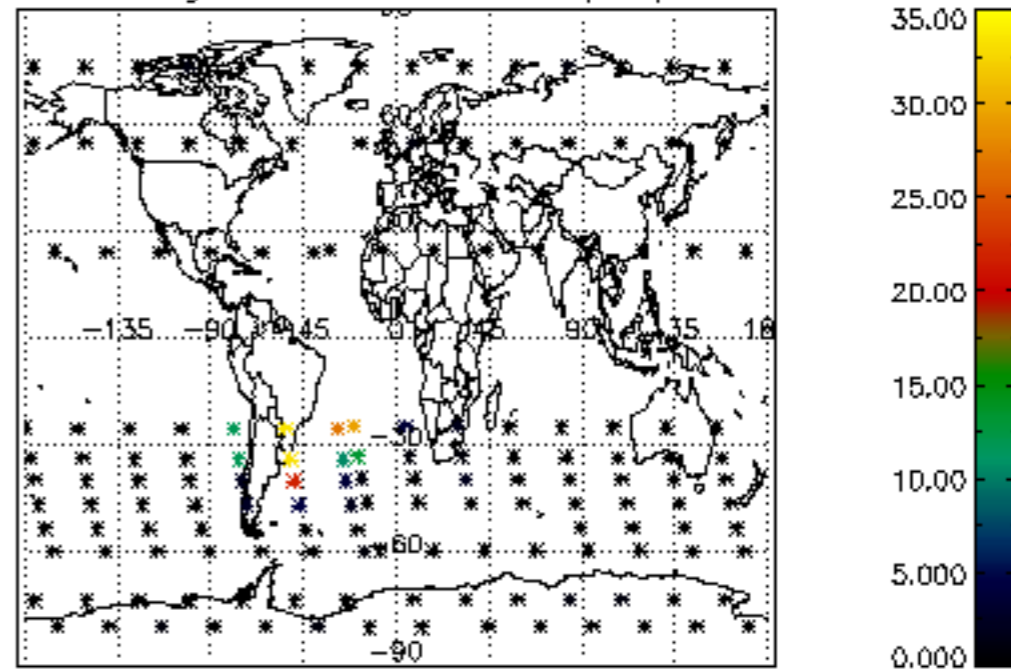
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

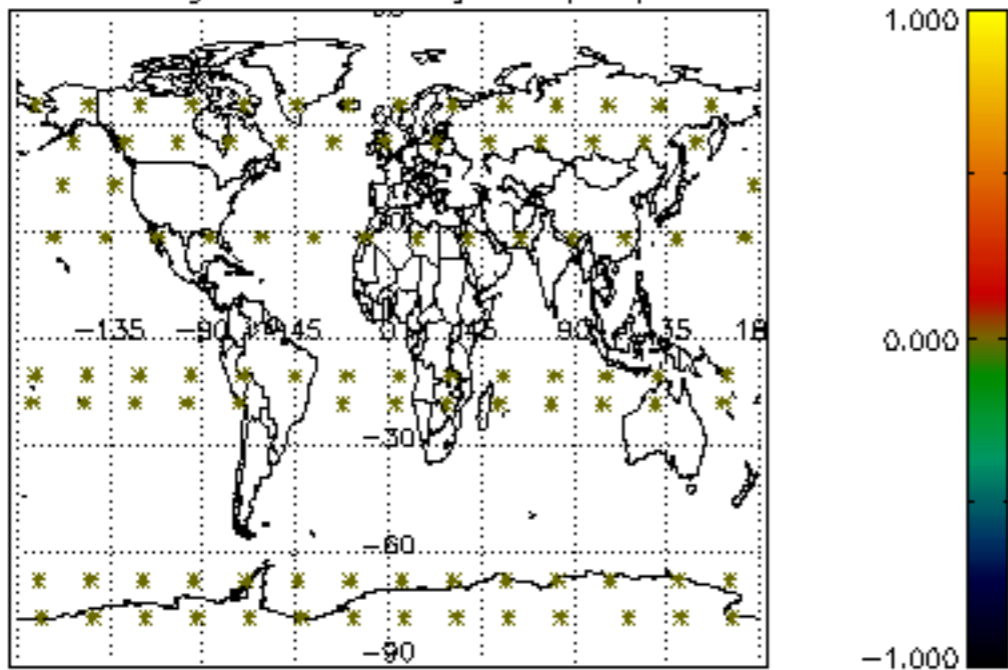


Percentage of saturation errors per profile

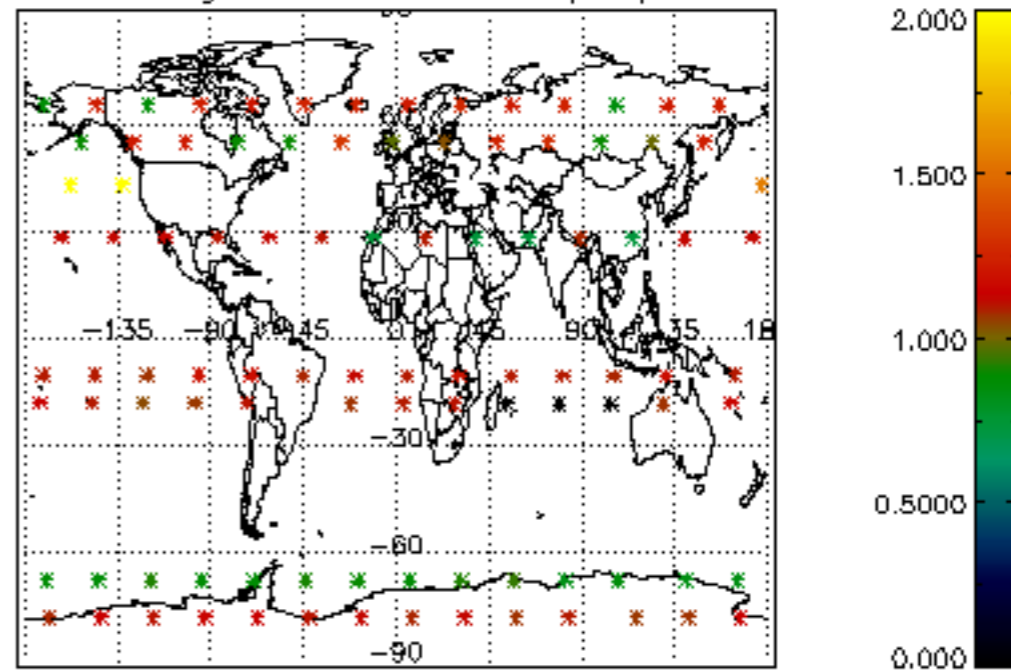




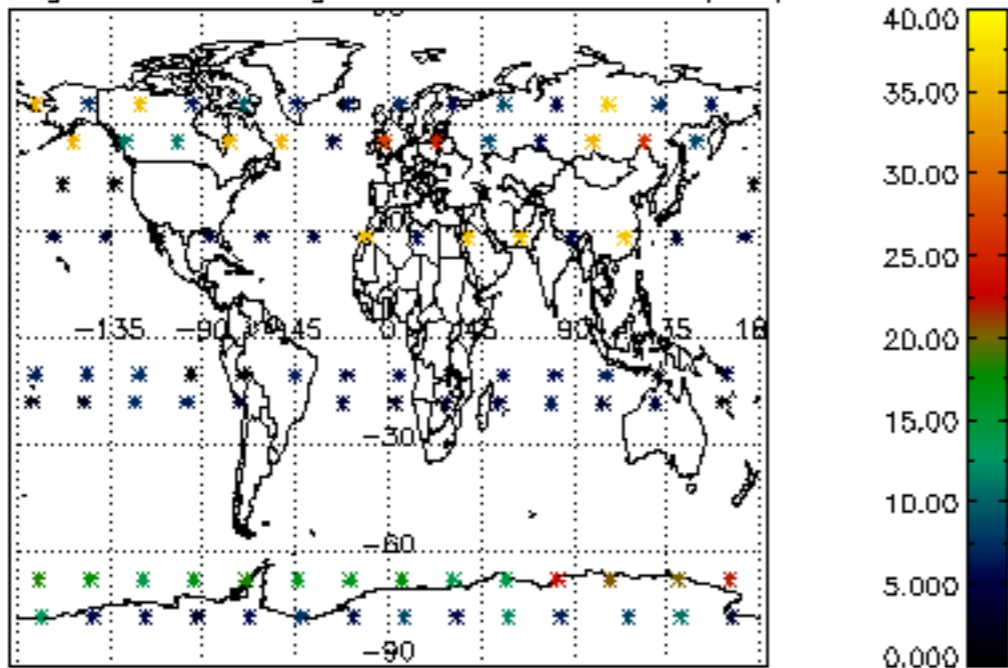
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

