

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	24APR2013 17:36:24
Data source version	GOMOS/6.01
Start time of products	06-09-2011 (06SEP2011 00:00:00)
Stop time of products	07-09-2011 (07SEP2011 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	132
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__2PRFIN20110906_001758_000000413106_00189_49772_1107.N1	06-SEP-2011 00:17:58	Dark	41.000	9	Alp Eri	0.45300	24000.	82	49772	No
2	GOM_NL__2PRFIN20110906_002351_000000463106_00189_49772_1108.N1	06-SEP-2011 00:23:51	Straylight	46.000	84	Alp Phe	2.3970	4500.0	92	49772	No
3	GOM_NL__2PRFIN20110906_002933_000000463106_00189_49772_1109.N1	06-SEP-2011 00:29:33	Straylight	45.500	18	24Alp PsA	1.1660	9700.0	91	49772	No
4	GOM_NL__2PRFIN20110906_005826_000000433106_00189_49772_1110.N1	06-SEP-2011 00:58:26	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	49772	No
5	GOM_NL__2PRFIN20110906_013719_000000533106_00189_49772_1111.N1	06-SEP-2011 01:37:19	Dark	52.500	1	9Alp CMa	-1.4400	11000.	105	49772	No
6	GOM_NL__2PRFIN20110906_013954_000000463106_00189_49772_1112.N1	06-SEP-2011 01:39:54	Dark	46.000	23	21Eps CMa	1.5020	26000.	92	49772	No
7	GOM_NL__2PRFIN20110906_015813_000000433106_00190_49773_1194.N1	06-SEP-2011 01:58:13	Dark	42.500	9	Alp Eri	0.45300	24000.	85	49773	No
8	GOM_NL__2PRFIN20110906_020405_000000503106_00190_49773_1195.N1	06-SEP-2011 02:04:05	Straylight	49.500	84	Alp Phe	2.3970	4500.0	99	49773	No
9	GOM_NL__2PRFIN20110906_020947_000000483106_00190_49773_1196.N1	06-SEP-2011 02:09:47	Straylight	47.500	18	24Alp PsA	1.1660	9700.0	95	49773	No
10	GOM_NL__2PRFIN20110906_022404_000000443106_00190_49773_1197.N1	06-SEP-2011 02:24:04	Bright	44.000	90	54Alp Peg	2.4870	11000.	88	49773	No
11	GOM_NL__2PRFIN20110906_022816_000000413106_00190_49773_1198.N1	06-SEP-2011 02:28:16	Bright	41.000	164	44Eta Peg	2.9480	5400.0	82	49773	No
12	GOM_NL__2PRFIN20110906_023839_000000423106_00190_49773_1199.N1	06-SEP-2011 02:38:39	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	49773	No
13	GOM_NL__2PRFIN20110906_030731_000000593106_00190_49773_1200.N1	06-SEP-2011 03:07:31	Twilight	59.000	44	24Gam Gem	1.9280	11000.	118	49773	No
14	GOM_NL__2PRFIN20110906_030926_000000483106_00190_49773_1201.N1	06-SEP-2011 03:09:26	Twilight	48.000	8	10Alp CMi	0.40000	6500.0	96	49773	No
15	GOM_NL__2PRFIN20110906_031734_000000533106_00190_49773_1202.N1	06-SEP-2011 03:17:34	Dark	53.000	1	9Alp CMa	-1.4400	11000.	106	49773	No
16	GOM_NL__2PRFIN20110906_032009_000000493106_00190_49773_1203.N1	06-SEP-2011 03:20:09	Dark	48.500	23	21Eps CMa	1.5020	26000.	97	49773	No
17	GOM_NL__2PRFIN20110906_032514_000000473106_00190_49773_1204.N1	06-SEP-2011 03:25:14	Dark	47.000	108	Alp Col	2.6520	15200.	94	49773	No
18	GOM_NL__2PRFIN20110906_034420_000000463106_00191_49774_1201.N1	06-SEP-2011 03:44:20	Straylight	46.000	84	Alp Phe	2.3970	4500.0	92	49774	No
19	GOM_NL__2PRFIN20110906_035001_000000453106_00191_49774_1202.N1	06-SEP-2011 03:50:01	Straylight	44.500	18	24Alp PsA	1.1660	9700.0	89	49774	No
20	GOM_NL__2PRFIN20110906_040417_000000433106_00191_49774_1203.N1	06-SEP-2011 04:04:17	Bright	43.000	90	54Alp Peg	2.4870	11000.	86	49774	No
21	GOM_NL__2PRFIN20110906_040830_000000423106_00191_49774_1204.N1	06-SEP-2011 04:08:30	Bright	41.500	164	44Eta Peg	2.9480	5400.0	83	49774	No
22	GOM_NL__2PRFIN20110906_041853_000000423106_00191_49774_1205.N1	06-SEP-2011 04:18:53	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	49774	No
23	GOM_NL__2PRFIN20110906_045748_000000543106_00191_49774_1206.N1	06-SEP-2011 04:57:48	Dark	53.500	1	9Alp CMa	-1.4400	11000.	107	49774	No
24	GOM_NL__2PRFIN20110906_050221_000000473106_00191_49774_1207.N1	06-SEP-2011 05:02:21	Dark	46.500	177	1Zet CMa	3.0220	26000.	93	49774	No
25	GOM_NL__2PRFIN20110906_050529_000000483106_00191_49774_1208.N1	06-SEP-2011 05:05:29	Dark	47.500	108	Alp Col	2.6520	15200.	95	49774	No
26	GOM_NL__2PRFIN20110906_051842_000000433106_00192_49775_1211.N1	06-SEP-2011 05:18:42	Dark	43.000	9	Alp Eri	0.45300	24000.	86	49775	No
27	GOM_NL__2PRFIN20110906_052435_000000493106_00192_49775_1212.N1	06-SEP-2011 05:24:35	Straylight	49.000	84	Alp Phe	2.3970	4500.0	98	49775	No
28	GOM_NL__2PRFIN20110906_053016_000000453106_00192_49775_1213.N1	06-SEP-2011 05:30:16	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	49775	No
29	GOM_NL__2PRFIN20110906_054431_000000433106_00192_49775_1214.N1	06-SEP-2011 05:44:31	Bright	43.000	90	54Alp Peg	2.4870	11000.	86	49775	No
30	GOM_NL__2PRFIN20110906_054844_000000403106_00192_49775_1215.N1	06-SEP-2011 05:48:44	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	49775	No
31	GOM_NL__2PRFIN20110906_055906_000000413106_00192_49775_1216.N1	06-SEP-2011 05:59:06	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	49775	No
32	GOM_NL__2PRFIN20110906_064236_000000453106_00192_49775_1217.N1	06-SEP-2011 06:42:36	Dark	44.500	177	1Zet CMa	3.0220	26000.	89	49775	No
33	GOM_NL__2PRFIN20110906_064544_000000473106_00192_49775_1218.N1	06-SEP-2011 06:45:44	Dark	47.000	108	Alp Col	2.6520	15200.	94	49775	No
34	GOM_NL__2PRFIN20110906_065857_000000573106_00193_49776_1309.N1	06-SEP-2011 06:58:57	Dark	56.500	9	Alp Eri	0.45300	24000.	113	49776	No
35	GOM_NL__2PRFIN20110906_070449_000000483106_00193_49776_1310.N1	06-SEP-2011 07:04:49	Straylight	48.000	84	Alp Phe	2.3970	4500.0	96	49776	No
36	GOM_NL__2PRFIN20110906_071030_000000463106_00193_49776_1311.N1	06-SEP-2011 07:10:30	Straylight	45.500	18	24Alp PsA	1.1660	9700.0	91	49776	No
37	GOM_NL__2PRFIN20110906_072445_000000433106_00193_49776_1312.N1	06-SEP-2011 07:24:45	Bright	42.500	90	54Alp Peg	2.4870	11000.	85	49776	No
38	GOM_NL__2PRFIN20110906_072857_000000413106_00193_49776_1313.N1	06-SEP-2011 07:28:57	Bright	41.000	164	44Eta Peg	2.9480	5400.0	82	49776	No
39	GOM_NL__2PRFIN20110906_073920_000000433106_00193_49776_1314.N1	06-SEP-2011 07:39:20	Bright	43.000	74	11Bet Cas	2.2680	6600.0	86	49776	No
40	GOM_NL__2PRFIN20110906_081010_000000463106_00193_49776_1315.N1	06-SEP-2011 08:10:10	Twilight	45.500	8	10Alp CMi	0.40000	6500.0	91	49776	No
41	GOM_NL__2PRFIN20110906_081818_000000553106_00193_49776_1316.N1	06-SEP-2011 08:18:18	Dark	55.000	1	9Alp CMa	-1.4400	11000.	110	49776	No
42	GOM_NL__2PRFIN20110906_082053_000000483106_00193_49776_1317.N1	06-SEP-2011 08:20:53	Dark	48.000	23	21Eps CMa	1.5020	26000.	96	49776	No

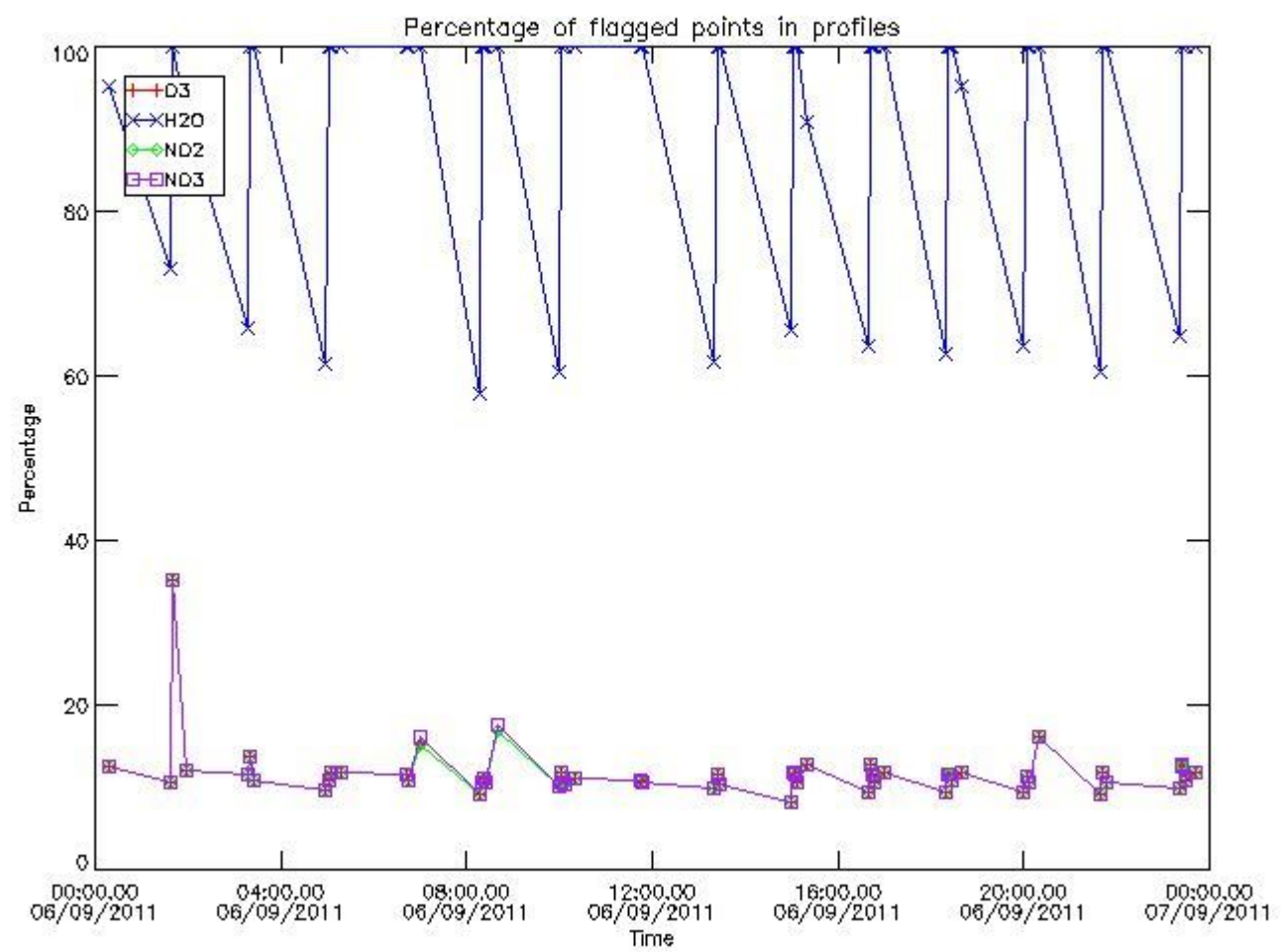
43	GOM_NL__2PRFIN20110906_082251_000000463106_00193_49776_1318.N1	06-SEP-2011 08:22:51	Dark	45.500	177	1Zet CMa	3.0220	26000.	91	49776	No
44	GOM_NL__2PRFIN20110906_082559_000000493106_00193_49776_1319.N1	06-SEP-2011 08:25:59	Dark	48.500	108	Alp Col	2.6520	15200.	97	49776	No
45	GOM_NL__2PRFIN20110906_083911_000000553106_00194_49777_1402.N1	06-SEP-2011 08:39:11	Dark	54.500	9	Alp Eri	0.45300	24000.	109	49777	No
46	GOM_NL__2PRFIN20110906_084504_000000463106_00194_49777_1403.N1	06-SEP-2011 08:45:04	Straylight	45.500	84	Alp Phe	2.3970	4500.0	91	49777	No
47	GOM_NL__2PRFIN20110906_085044_000000453106_00194_49777_1404.N1	06-SEP-2011 08:50:44	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	49777	No
48	GOM_NL__2PRFIN20110906_090458_000000433106_00194_49777_1405.N1	06-SEP-2011 09:04:58	Bright	42.500	90	54Alp Peg	2.4870	11000.	85	49777	No
49	GOM_NL__2PRFIN20110906_090911_000000393106_00194_49777_1406.N1	06-SEP-2011 09:09:11	Bright	39.000	164	44Eta Peg	2.9480	5400.0	78	49777	No
50	GOM_NL__2PRFIN20110906_091933_000000433106_00194_49777_1407.N1	06-SEP-2011 09:19:33	Bright	43.000	74	11Bet Cas	2.2680	6600.0	86	49777	No
51	GOM_NL__2PRFIN20110906_095833_000000553106_00194_49777_1408.N1	06-SEP-2011 09:58:33	Dark	55.000	1	9Alp CMa	-1.4400	11000.	110	49777	No
52	GOM_NL__2PRFIN20110906_100107_000000483106_00194_49777_1409.N1	06-SEP-2011 10:01:07	Dark	48.000	23	21Eps CMa	1.5020	26000.	96	49777	No
53	GOM_NL__2PRFIN20110906_100306_000000433106_00194_49777_1410.N1	06-SEP-2011 10:03:06	Dark	43.000	177	1Zet CMa	3.0220	26000.	86	49777	No
54	GOM_NL__2PRFIN20110906_100614_000000503106_00194_49777_1411.N1	06-SEP-2011 10:06:14	Dark	49.500	108	Alp Col	2.6520	15200.	99	49777	No
55	GOM_NL__2PRFIN20110906_101926_000000553106_00195_49778_1407.N1	06-SEP-2011 10:19:26	Dark	55.000	9	Alp Eri	0.45300	24000.	110	49778	No
56	GOM_NL__2PRFIN20110906_102518_000000553106_00195_49778_1408.N1	06-SEP-2011 10:25:18	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	49778	No
57	GOM_NL__2PRFIN20110906_103058_000000453106_00195_49778_1409.N1	06-SEP-2011 10:30:58	Straylight	44.500	18	24Alp PsA	1.1660	9700.0	89	49778	No
58	GOM_NL__2PRFIN20110906_104512_000000443106_00195_49778_1410.N1	06-SEP-2011 10:45:12	Bright	43.500	90	54Alp Peg	2.4870	11000.	87	49778	No
59	GOM_NL__2PRFIN20110906_104924_000000423106_00195_49778_1411.N1	06-SEP-2011 10:49:24	Bright	42.000	164	44Eta Peg	2.9480	5400.0	84	49778	No
60	GOM_NL__2PRFIN20110906_105946_000000433106_00195_49778_1412.N1	06-SEP-2011 10:59:46	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	49778	No
61	GOM_NL__2PRFIN20110906_114321_000000473106_00195_49778_1413.N1	06-SEP-2011 11:43:21	Dark	47.000	177	1Zet CMa	3.0220	26000.	94	49778	No
62	GOM_NL__2PRFIN20110906_114629_000000483106_00195_49778_1414.N1	06-SEP-2011 11:46:29	Dark	48.000	108	Alp Col	2.6520	15200.	96	49778	No
63	GOM_NL__2PRFIN20110906_120532_000000513106_00196_49779_1471.N1	06-SEP-2011 12:05:32	Straylight	50.500	84	Alp Phe	2.3970	4500.0	101	49779	No
64	GOM_NL__2PRFIN20110906_122525_000000453106_00196_49779_1472.N1	06-SEP-2011 12:25:25	Bright	44.500	90	54Alp Peg	2.4870	11000.	89	49779	No
65	GOM_NL__2PRFIN20110906_122938_000000393106_00196_49779_1473.N1	06-SEP-2011 12:29:38	Bright	39.000	164	44Eta Peg	2.9480	5400.0	78	49779	No
66	GOM_NL__2PRFIN20110906_124000_000000443106_00196_49779_1474.N1	06-SEP-2011 12:40:00	Bright	43.500	74	11Bet Cas	2.2680	6600.0	87	49779	No
67	GOM_NL__2PRFIN20110906_131053_000000483106_00196_49779_1475.N1	06-SEP-2011 13:10:53	Twilight	47.500	8	10Alp CMi	0.40000	6500.0	95	49779	No
68	GOM_NL__2PRFIN20110906_131902_000000523106_00196_49779_1476.N1	06-SEP-2011 13:19:02	Dark	51.500	1	9Alp CMa	-1.4400	11000.	103	49779	No
69	GOM_NL__2PRFIN20110906_132335_000000453106_00196_49779_1477.N1	06-SEP-2011 13:23:35	Dark	44.500	177	1Zet CMa	3.0220	26000.	89	49779	No
70	GOM_NL__2PRFIN20110906_132644_000000503106_00196_49779_1478.N1	06-SEP-2011 13:26:44	Dark	49.500	108	Alp Col	2.6520	15200.	99	49779	No
71	GOM_NL__2PRFIN20110906_134547_000000443106_00197_49780_1676.N1	06-SEP-2011 13:45:47	Straylight	44.000	84	Alp Phe	2.3970	4500.0	88	49780	No
72	GOM_NL__2PRFIN20110906_140539_000000443106_00197_49780_1677.N1	06-SEP-2011 14:05:39	Bright	43.500	90	54Alp Peg	2.4870	11000.	87	49780	No
73	GOM_NL__2PRFIN20110906_140952_000000423106_00197_49780_1678.N1	06-SEP-2011 14:09:52	Bright	41.500	164	44Eta Peg	2.9480	5400.0	83	49780	No
74	GOM_NL__2PRFIN20110906_142013_000000553106_00197_49780_1679.N1	06-SEP-2011 14:20:13	Bright	54.500	74	11Bet Cas	2.2680	6600.0	109	49780	No
75	GOM_NL__2PRFIN20110906_144306_000000403106_00197_49780_1680.N1	06-SEP-2011 14:43:06	Bright	40.000	24	66Alp Gem	1.5800	10200.	80	49780	No
76	GOM_NL__2PRFIN20110906_145917_000000633106_00197_49780_1681.N1	06-SEP-2011 14:59:17	Dark	63.000	1	9Alp CMa	-1.4400	11000.	126	49780	No
77	GOM_NL__2PRFIN20110906_150151_000000443106_00197_49780_1682.N1	06-SEP-2011 15:01:51	Dark	43.500	23	21Eps CMa	1.5020	26000.	87	49780	No
78	GOM_NL__2PRFIN20110906_150350_000000453106_00197_49780_1683.N1	06-SEP-2011 15:03:50	Dark	44.500	177	1Zet CMa	3.0220	26000.	89	49780	No
79	GOM_NL__2PRFIN20110906_150659_000000483106_00197_49780_1684.N1	06-SEP-2011 15:06:59	Dark	48.000	108	Alp Col	2.6520	15200.	96	49780	No
80	GOM_NL__2PRFIN20110906_152009_000000443106_00198_49781_1726.N1	06-SEP-2011 15:20:09	Dark	44.000	9	Alp Eri	0.45300	24000.	88	49781	No
81	GOM_NL__2PRFIN20110906_152601_000000473106_00198_49781_1727.N1	06-SEP-2011 15:26:01	Straylight	47.000	84	Alp Phe	2.3970	4500.0	94	49781	No
82	GOM_NL__2PRFIN20110906_153141_000000453106_00198_49781_1728.N1	06-SEP-2011 15:31:41	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	49781	No
83	GOM_NL__2PRFIN20110906_154553_000000453106_00198_49781_1729.N1	06-SEP-2011 15:45:53	Bright	45.000	90	54Alp Peg	2.4870	11000.	90	49781	No
84	GOM_NL__2PRFIN20110906_155005_000000403106_00198_49781_1730.N1	06-SEP-2011 15:50:05	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	49781	No
85	GOM_NL__2PRFIN20110906_160026_000000413106_00198_49781_1731.N1	06-SEP-2011 16:00:26	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	49781	No
86	GOM_NL__2PRFIN20110906_163121_000000533106_00198_49781_1732.N1	06-SEP-2011 16:31:21	Twilight	53.000	8	10Alp CMi	0.40000	6500.0	106	49781	No
87	GOM_NL__2PRFIN20110906_163932_000000543106_00198_49781_1733.N1	06-SEP-2011 16:39:32	Dark	54.000	1	9Alp CMa	-1.4400	11000.	108	49781	No
88	GOM_NL__2PRFIN20110906_164206_000000443106_00198_49781_1734.N1	06-SEP-2011 16:42:06	Dark	44.000	23	21Eps CMa	1.5020	26000.	88	49781	No
89	GOM_NL__2PRFIN20110906_164405_000000453106_00198_49781_1735.N1	06-SEP-2011 16:44:05	Dark	44.500	177	1Zet CMa	3.0220	26000.	89	49781	No
90	GOM_NL__2PRFIN20110906_164714_000000483106_00198_49781_1736.N1	06-SEP-2011 16:47:14	Dark	48.000	108	Alp Col	2.6520	15200.	96	49781	No
91	GOM_NL__2PRFIN20110906_170024_000000433106_00199_49782_1747.N1	06-SEP-2011 17:00:24	Dark	43.000	9	Alp Eri	0.45300	24000.	86	49782	No
92	GOM_NL__2PRFIN20110906_170616_000000563106_00199_49782_1748.N1	06-SEP-2011 17:06:16	Straylight	56.000	84	Alp Phe	2.3970	4500.0	112	49782	No
93	GOM_NL__2PRFIN20110906_171155_000000443106_00199_49782_1749.N1	06-SEP-2011 17:11:55	Straylight	44.000	18	24Alp PsA	1.1660	9700.0	88	49782	No
94	GOM_NL__2PRFIN20110906_172606_000000443106_00199_49782_1750.N1	06-SEP-2011 17:26:06	Bright	44.000	90	54Alp Peg	2.4870	11000.	88	49782	No
95	GOM_NL__2PRFIN20110906_173019_000000413106_00199_49782_1751.N1	06-SEP-2011 17:30:19	Bright	41.000	164	44Eta Peg	2.9480	5400.0	82	49782	No
96	GOM_NL__2PRFIN20110906_174040_000000443106_00199_49782_1752.N1	06-SEP-2011 17:40:40	Bright	43.500	74	11Bet Cas	2.2680	6600.0	87	49782	No
97	GOM_NL__2PRFIN20110906_181946_000000543106_00199_49782_1753.N1	06-SEP-2011 18:19:46	Dark	54.000	1	9Alp CMa	-1.4400	11000.	108	49782	No
98	GOM_NL__2PRFIN20110906_182220_000000453106_00199_49782_1754.N1	06-SEP-2011 18:22:20	Dark	44.500	23	21Eps CMa	1.5020	26000.	89	49782	No
99	GOM_NL__2PRFIN20110906_182420_000000443106_00199_49782_1755.N1	06-SEP-2011 18:24:20	Dark	44.000	177	1Zet CMa	3.0220	26000.	88	49782	No
100	GOM_NL__2PRFIN20110906_182729_000000473106_00199_49782_1756.N1	06-SEP-2011 18:27:29	Dark	47.000	108	Alp Col	2.6520	15200.	94	49782	No
101	GOM_NL__2PRFIN20110906_184038_000000433106_00200_49783_1754.N1	06-SEP-2011 18:40:38	Dark	43.000	9	Alp Eri	0.45300	24000.	86	49783	No

102	GOM_NL__2PRFIN20110906_184630_000000563106_00200_49783_1755.N1	06-SEP-2011 18:46:30	Straylight	56.000	84	Alp Phe	2.3970	4500.0	112	49783	No
103	GOM_NL__2PRFIN20110906_185209_000000453106_00200_49783_1756.N1	06-SEP-2011 18:52:09	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	49783	No
104	GOM_NL__2PRFIN20110906_190620_000000433106_00200_49783_1757.N1	06-SEP-2011 19:06:20	Bright	43.000	90	54Alp Peg	2.4870	11000.	86	49783	No
105	GOM_NL__2PRFIN20110906_191033_000000423106_00200_49783_1758.N1	06-SEP-2011 19:10:33	Bright	42.000	164	44Eta Peg	2.9480	5400.0	84	49783	No
106	GOM_NL__2PRFIN20110906_192054_000000443106_00200_49783_1759.N1	06-SEP-2011 19:20:54	Bright	44.000	74	11Bet Cas	2.2680	6600.0	88	49783	No
107	GOM_NL__2PRFIN20110906_200001_000000543106_00200_49783_1760.N1	06-SEP-2011 20:00:01	Dark	54.000	1	9Alp CMA	-1.4400	11000.	108	49783	No
108	GOM_NL__2PRFIN20110906_200435_000000453106_00200_49783_1761.N1	06-SEP-2011 20:04:35	Dark	45.000	177	1Zet CMA	3.0220	26000.	90	49783	No
109	GOM_NL__2PRFIN20110906_200744_000000493106_00200_49783_1762.N1	06-SEP-2011 20:07:44	Dark	48.500	108	Alp Col	2.6520	15200.	97	49783	No
110	GOM_NL__2PRFIN20110906_202053_000000513106_00201_49784_1757.N1	06-SEP-2011 20:20:53	Dark	50.500	9	Alp Eri	0.45300	24000.	101	49784	No
111	GOM_NL__2PRFIN20110906_202645_000000503106_00201_49784_1758.N1	06-SEP-2011 20:26:45	Straylight	49.500	84	Alp Phe	2.3970	4500.0	99	49784	No
112	GOM_NL__2PRFIN20110906_203224_000000423106_00201_49784_1759.N1	06-SEP-2011 20:32:24	Straylight	42.000	18	24Alp PsA	1.1660	9700.0	84	49784	No
113	GOM_NL__2PRFIN20110906_204634_000000453106_00201_49784_1760.N1	06-SEP-2011 20:46:34	Bright	44.500	90	54Alp Peg	2.4870	11000.	89	49784	No
114	GOM_NL__2PRFIN20110906_205046_000000413106_00201_49784_1761.N1	06-SEP-2011 20:50:46	Bright	41.000	164	44Eta Peg	2.9480	5400.0	82	49784	No
115	GOM_NL__2PRFIN20110906_210107_000000443106_00201_49784_1762.N1	06-SEP-2011 21:01:07	Bright	43.500	74	11Bet Cas	2.2680	6600.0	87	49784	No
116	GOM_NL__2PRFIN20110906_213204_000000493106_00201_49784_1763.N1	06-SEP-2011 21:32:04	Twilight	49.000	8	10Alp CMi	0.40000	6500.0	98	49784	No
117	GOM_NL__2PRFIN20110906_214016_000000563106_00201_49784_1764.N1	06-SEP-2011 21:40:16	Dark	56.000	1	9Alp CMA	-1.4400	11000.	112	49784	No
118	GOM_NL__2PRFIN20110906_214250_000000433106_00201_49784_1765.N1	06-SEP-2011 21:42:50	Dark	43.000	23	21Eps CMA	1.5020	26000.	86	49784	No
119	GOM_NL__2PRFIN20110906_214759_000000483106_00201_49784_1766.N1	06-SEP-2011 21:47:59	Dark	48.000	108	Alp Col	2.6520	15200.	96	49784	No
120	GOM_NL__2PRFIN20110906_220659_000000503106_00202_49785_1664.N1	06-SEP-2011 22:06:59	Straylight	50.000	84	Alp Phe	2.3970	4500.0	100	49785	No
121	GOM_NL__2PRFIN20110906_221238_000000473106_00202_49785_1665.N1	06-SEP-2011 22:12:38	Straylight	47.000	18	24Alp PsA	1.1660	9700.0	94	49785	No
122	GOM_NL__2PRFIN20110906_222647_000000433106_00202_49785_1666.N1	06-SEP-2011 22:26:47	Bright	43.000	90	54Alp Peg	2.4870	11000.	86	49785	No
123	GOM_NL__2PRFIN20110906_223100_000000403106_00202_49785_1667.N1	06-SEP-2011 22:31:00	Bright	40.000	164	44Eta Peg	2.9480	5400.0	80	49785	No
124	GOM_NL__2PRFIN20110906_224120_000000403106_00202_49785_1668.N1	06-SEP-2011 22:41:20	Bright	39.500	74	11Bet Cas	2.2680	6600.0	79	49785	No
125	GOM_NL__2PRFIN20110906_231219_000000503106_00202_49785_1669.N1	06-SEP-2011 23:12:19	Twilight	49.500	8	10Alp CMi	0.40000	6500.0	99	49785	No
126	GOM_NL__2PRFIN20110906_232031_000000523106_00202_49785_1670.N1	06-SEP-2011 23:20:31	Dark	51.500	1	9Alp CMA	-1.4400	11000.	103	49785	No
127	GOM_NL__2PRFIN20110906_232304_000000443106_00202_49785_1671.N1	06-SEP-2011 23:23:04	Dark	44.000	23	21Eps CMA	1.5020	26000.	88	49785	No
128	GOM_NL__2PRFIN20110906_232504_000000453106_00202_49785_1672.N1	06-SEP-2011 23:25:04	Dark	45.000	177	1Zet CMA	3.0220	26000.	90	49785	No
129	GOM_NL__2PRFIN20110906_232814_000000473106_00202_49785_1673.N1	06-SEP-2011 23:28:14	Dark	46.500	108	Alp Col	2.6520	15200.	93	49785	No
130	GOM_NL__2PRFIN20110906_234122_000000443106_00203_49786_1673.N1	06-SEP-2011 23:41:22	Dark	43.500	9	Alp Eri	0.45300	24000.	87	49786	No
131	GOM_NL__2PRFIN20110906_234714_000000493106_00203_49786_1674.N1	06-SEP-2011 23:47:14	Straylight	49.000	84	Alp Phe	2.3970	4500.0	98	49786	No
132	GOM_NL__2PRFIN20110906_235252_000000463106_00203_49786_1675.N1	06-SEP-2011 23:52:52	Straylight	46.000	18	24Alp PsA	1.1660	9700.0	92	49786	No

3. Quality information per product

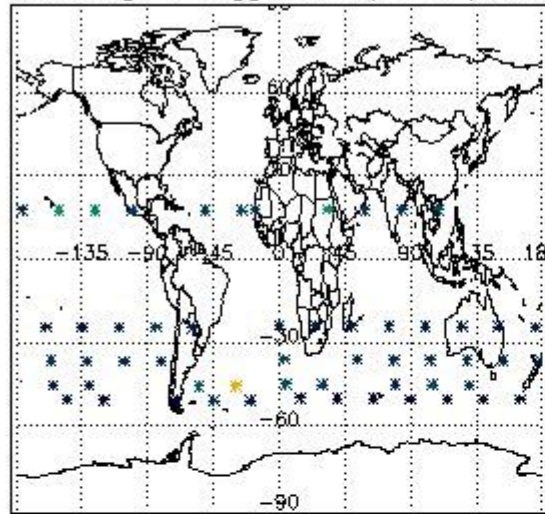
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

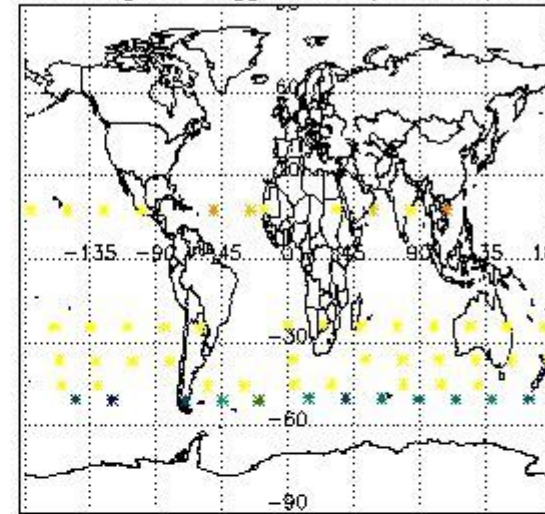


3.2 Plot quality information per product (world map)

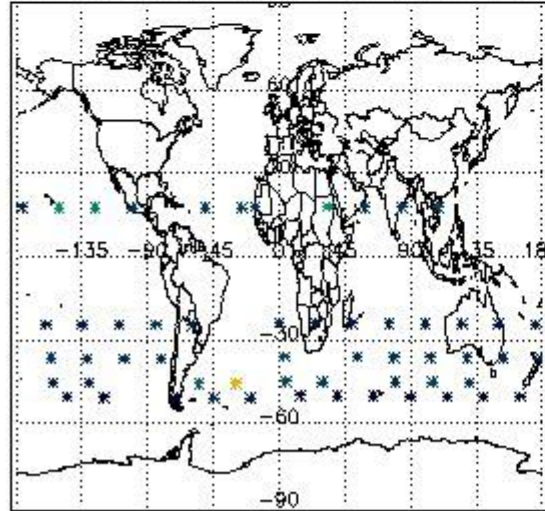
Percentage of flagged data per O3 profile



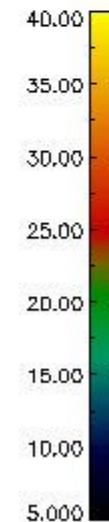
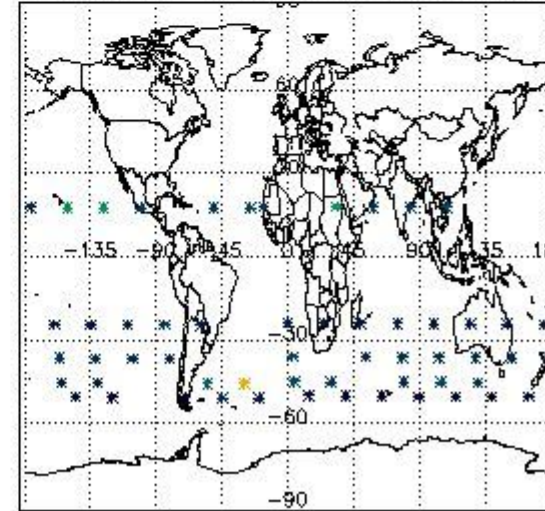
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

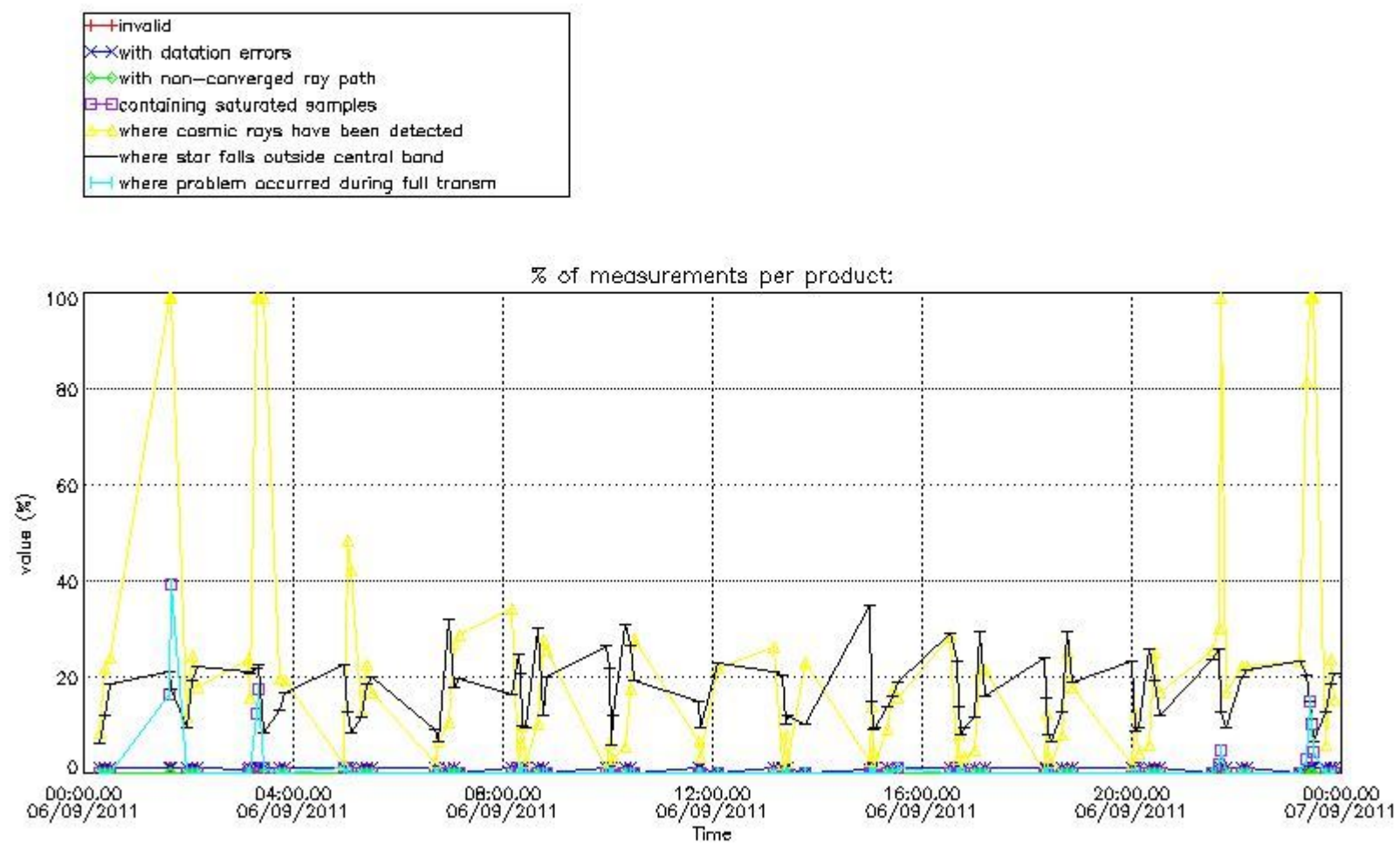


4. Level 1 quality information per product

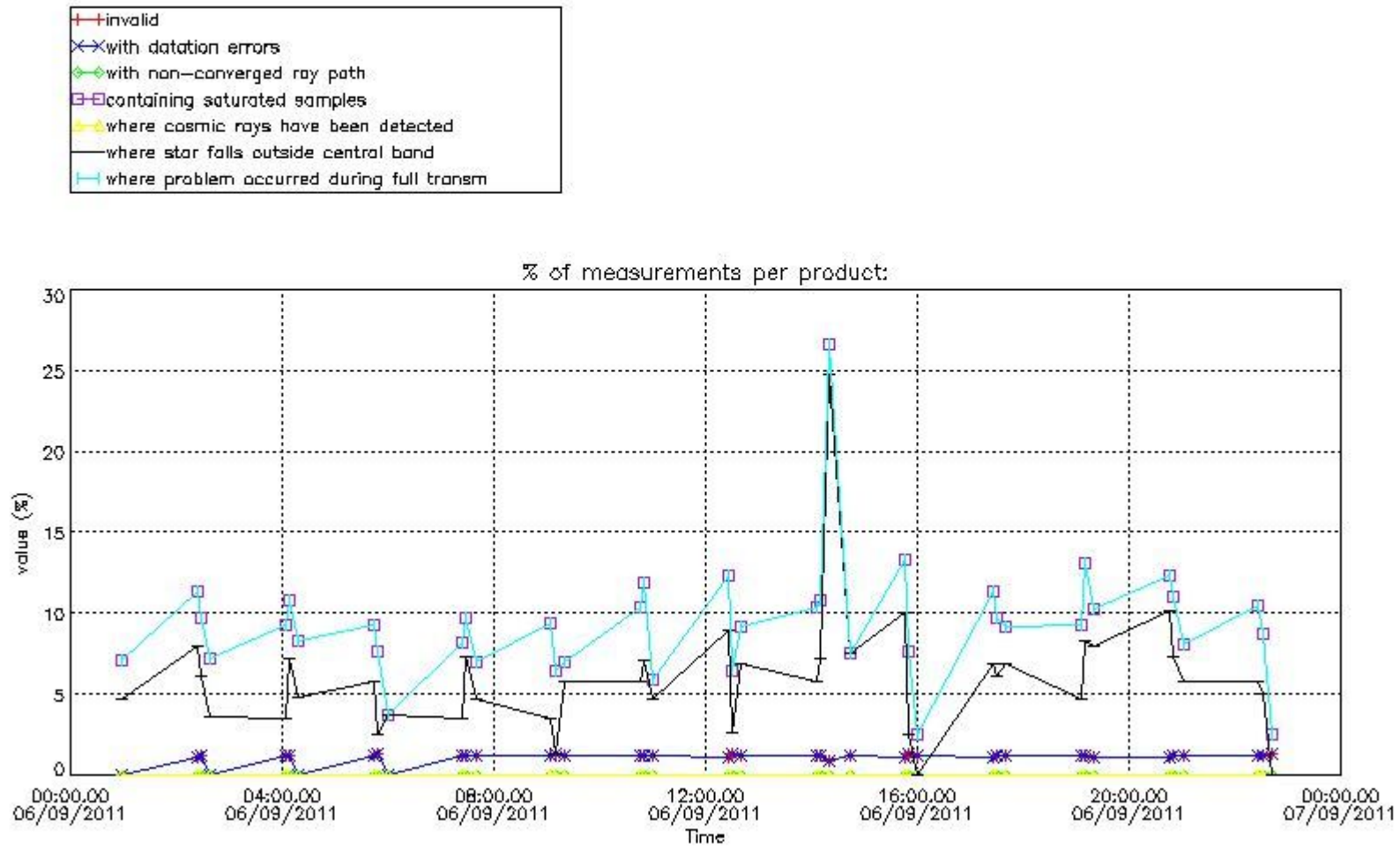
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



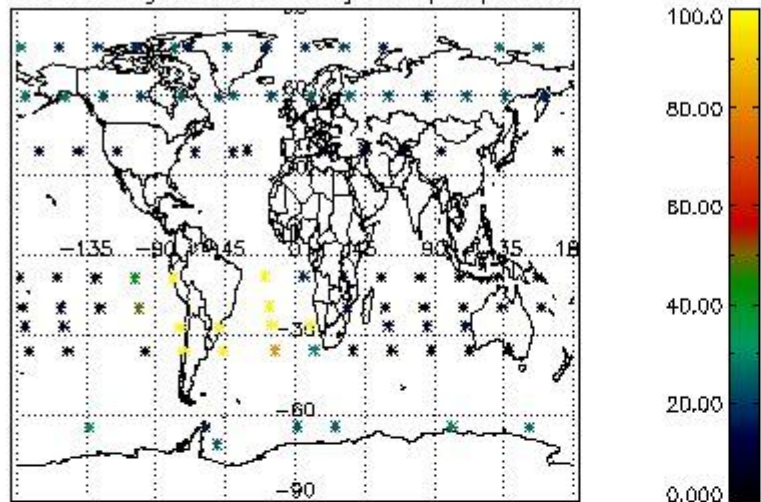
4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



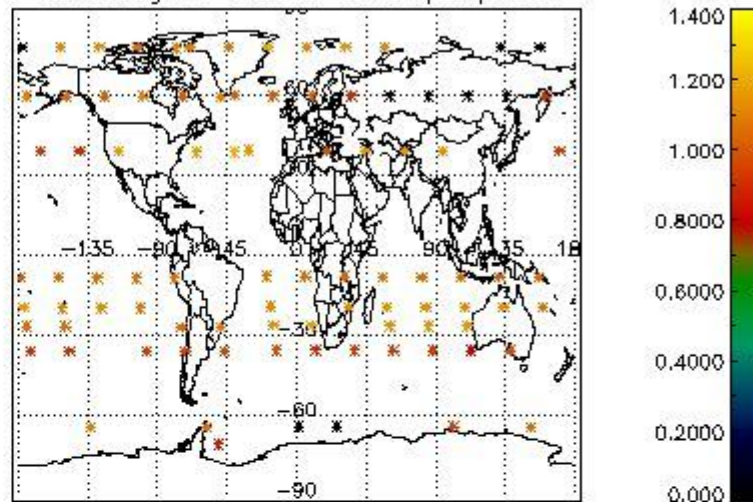
4.2 Plot quality information per product coming from level 1b processing (world map)

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

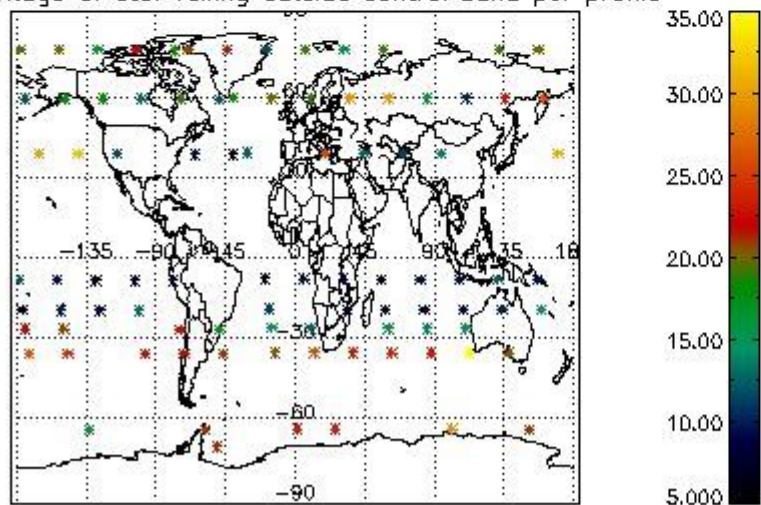
Percentage of cosmic ray hits per profile



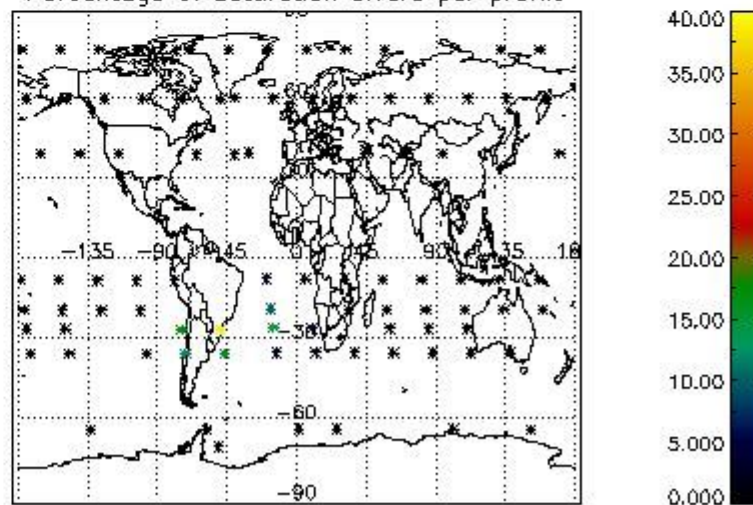
Percentage of datation errors per profile



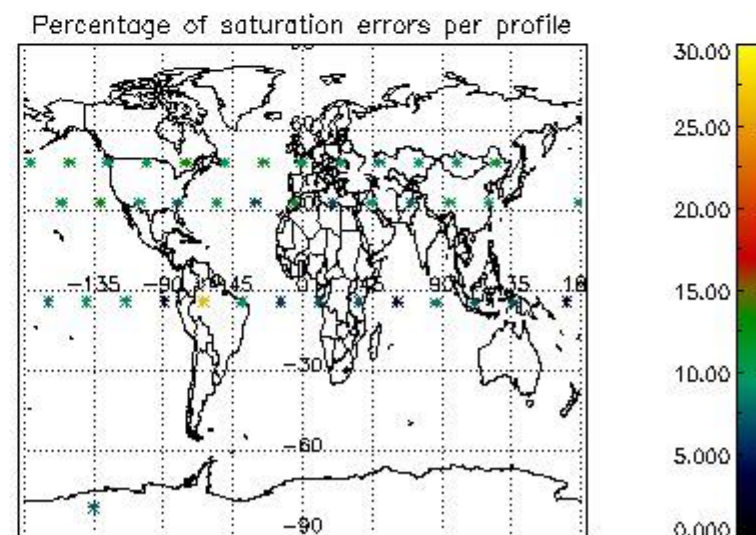
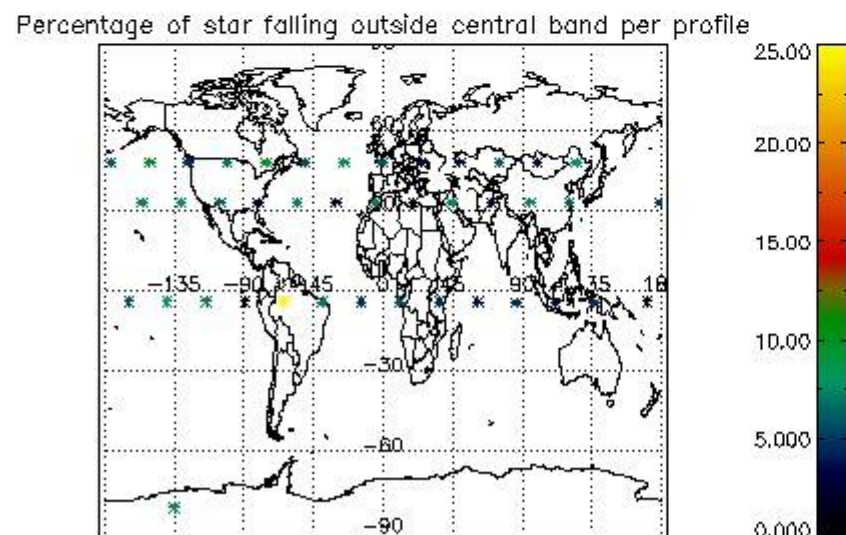
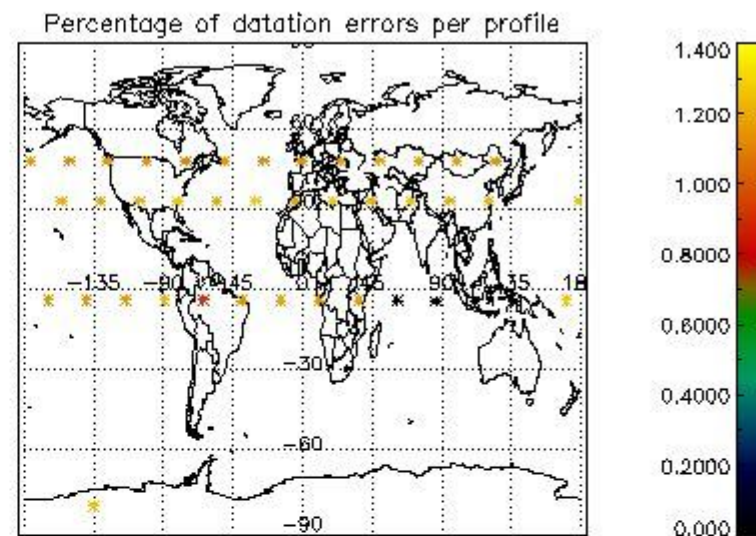
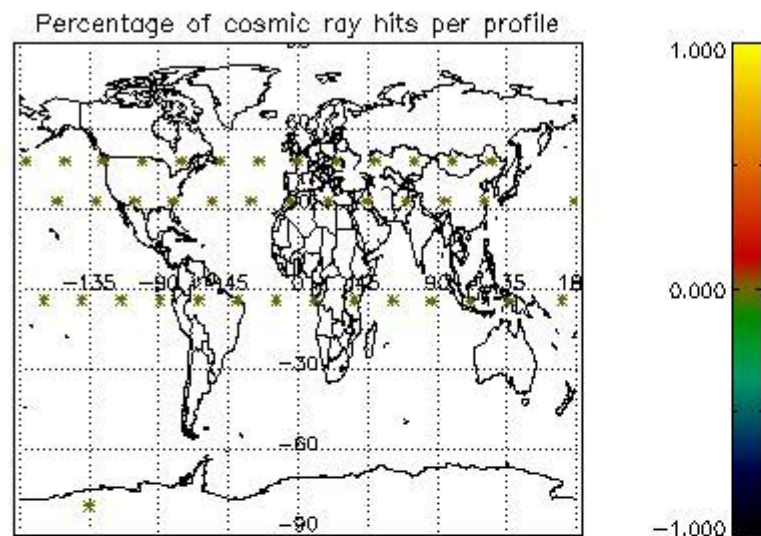
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/o3_std of the level 2 products. The table below shows the statistics for given STD ranges.

The statistics are given with respect to the overall valid production:

- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

The 'Criteria' is applied to valid points of dark limb products:

- Products in dark limb illumination condition: GOM_NL__2P/NL_SUMMARY_QUALITY/obs_ill_cond=0
- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

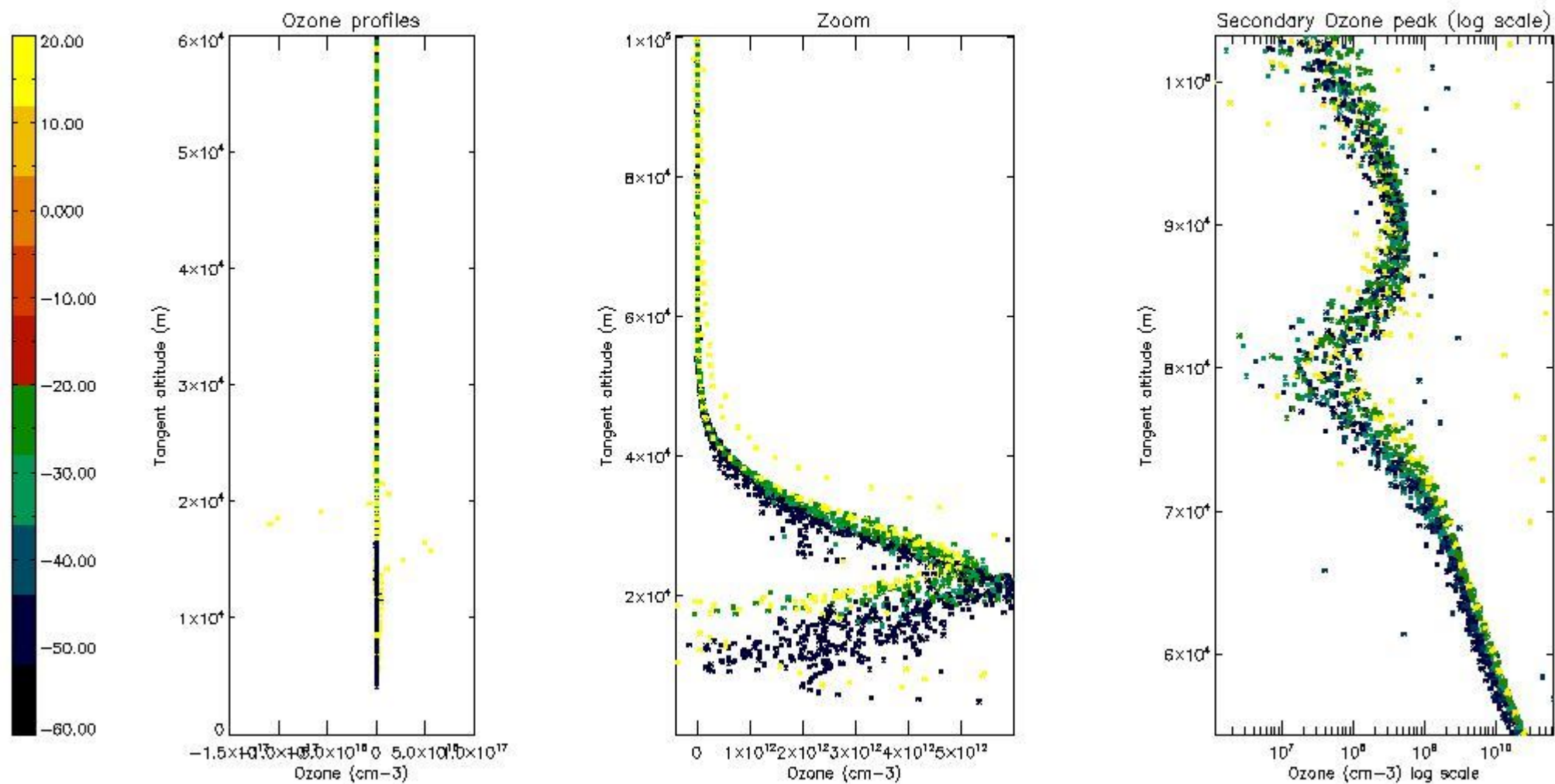
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	45
STD < 20	27

STD < 10	24
STD < 5	18

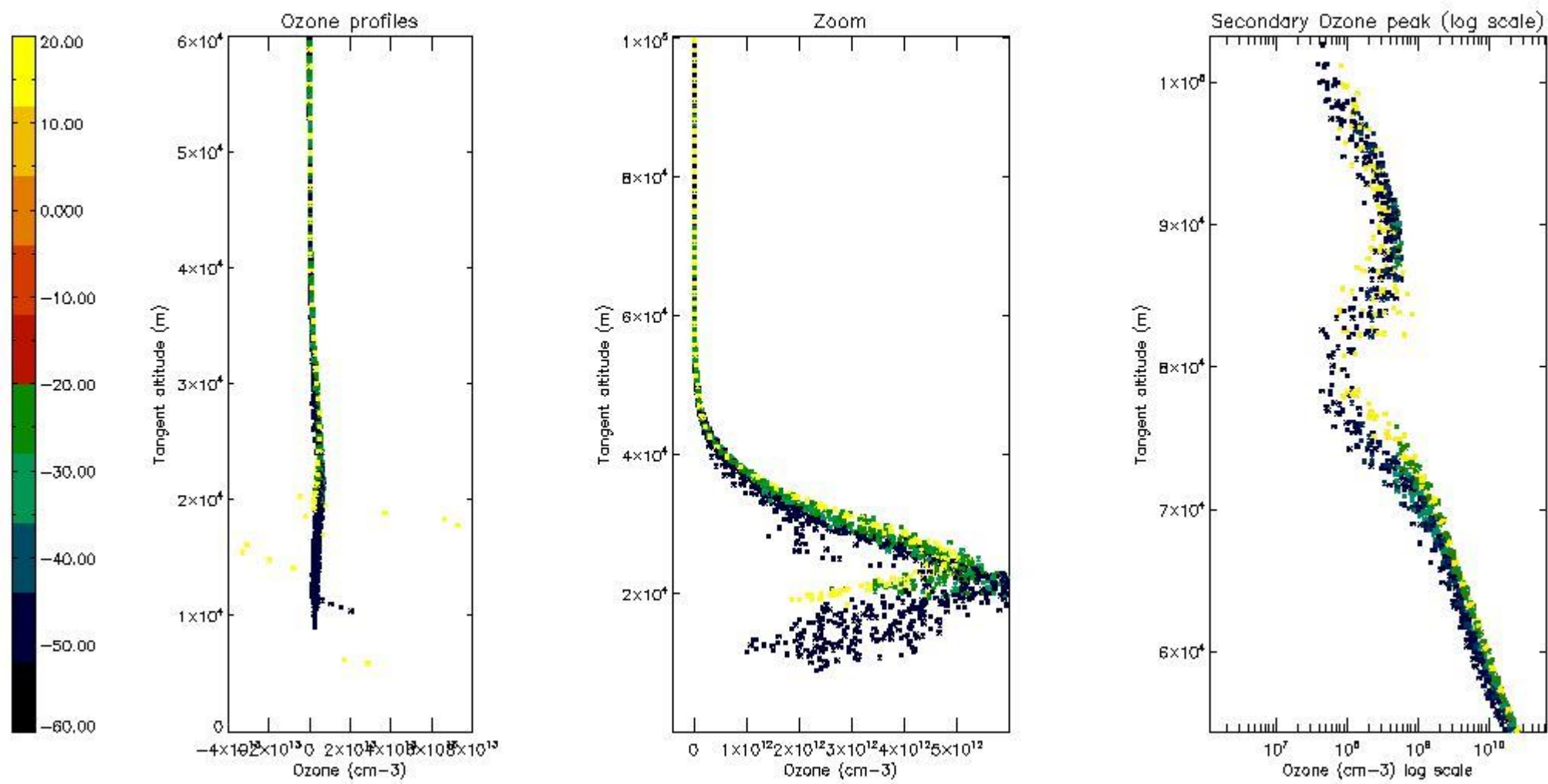
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



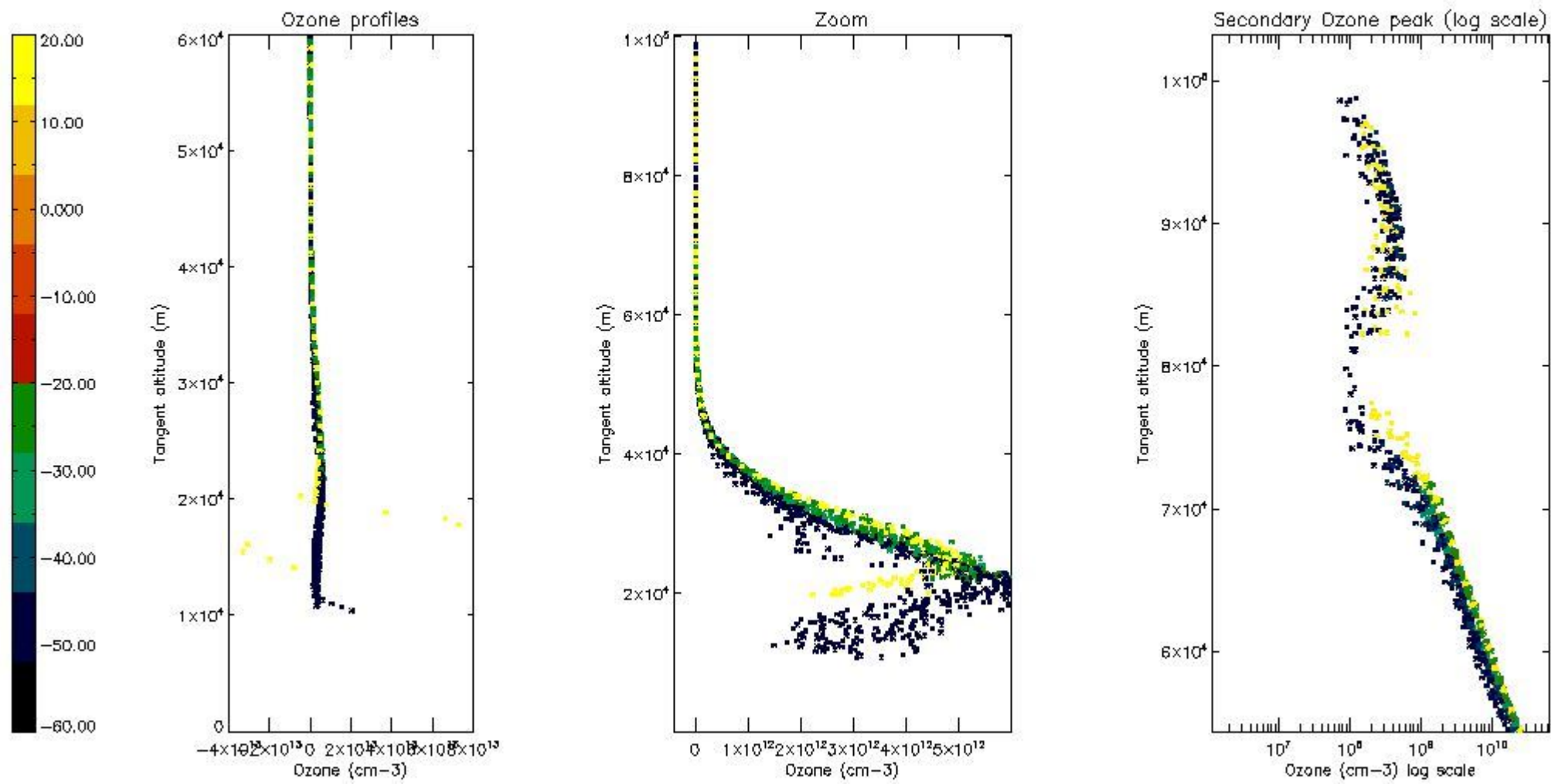
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



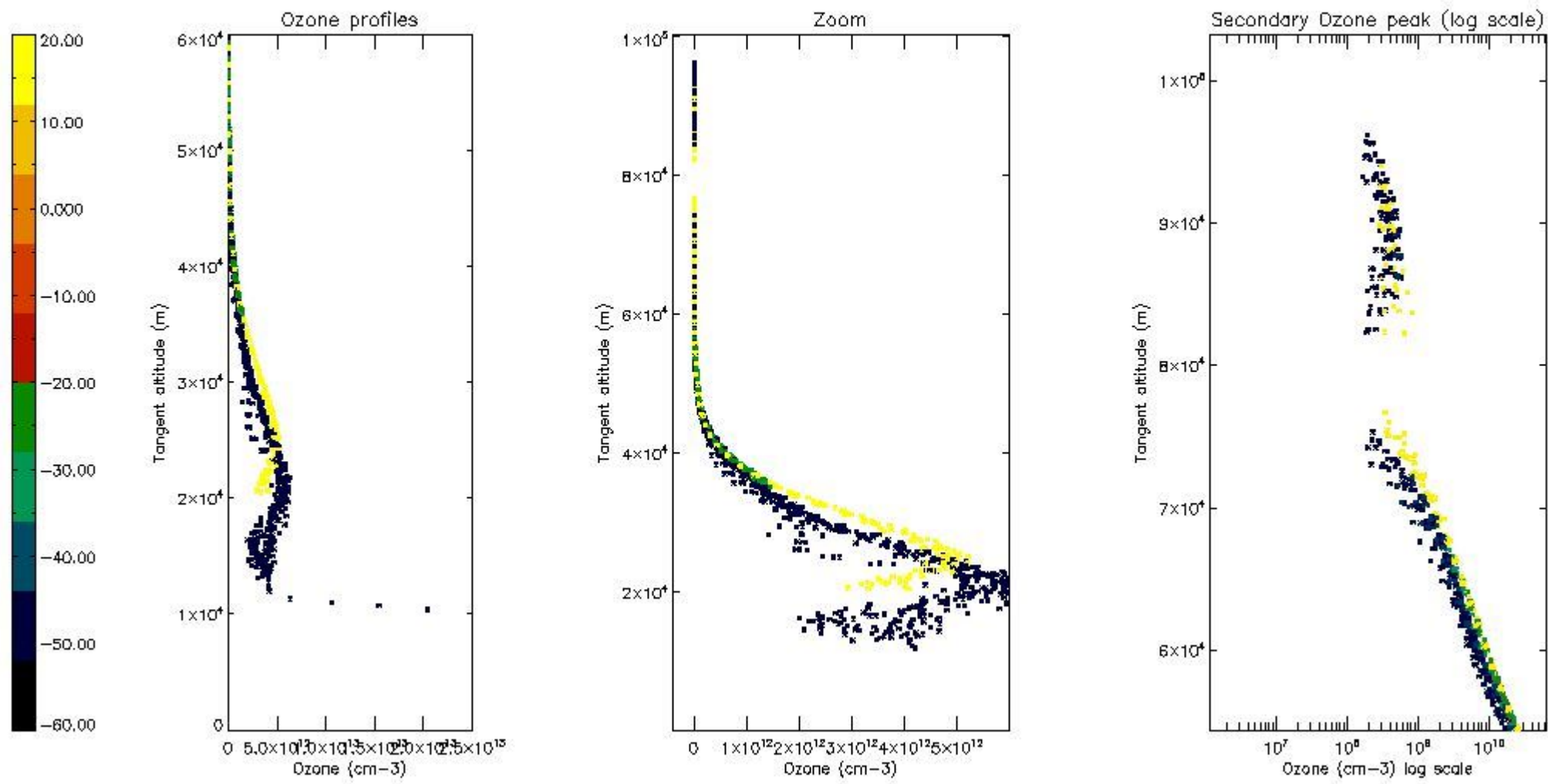
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



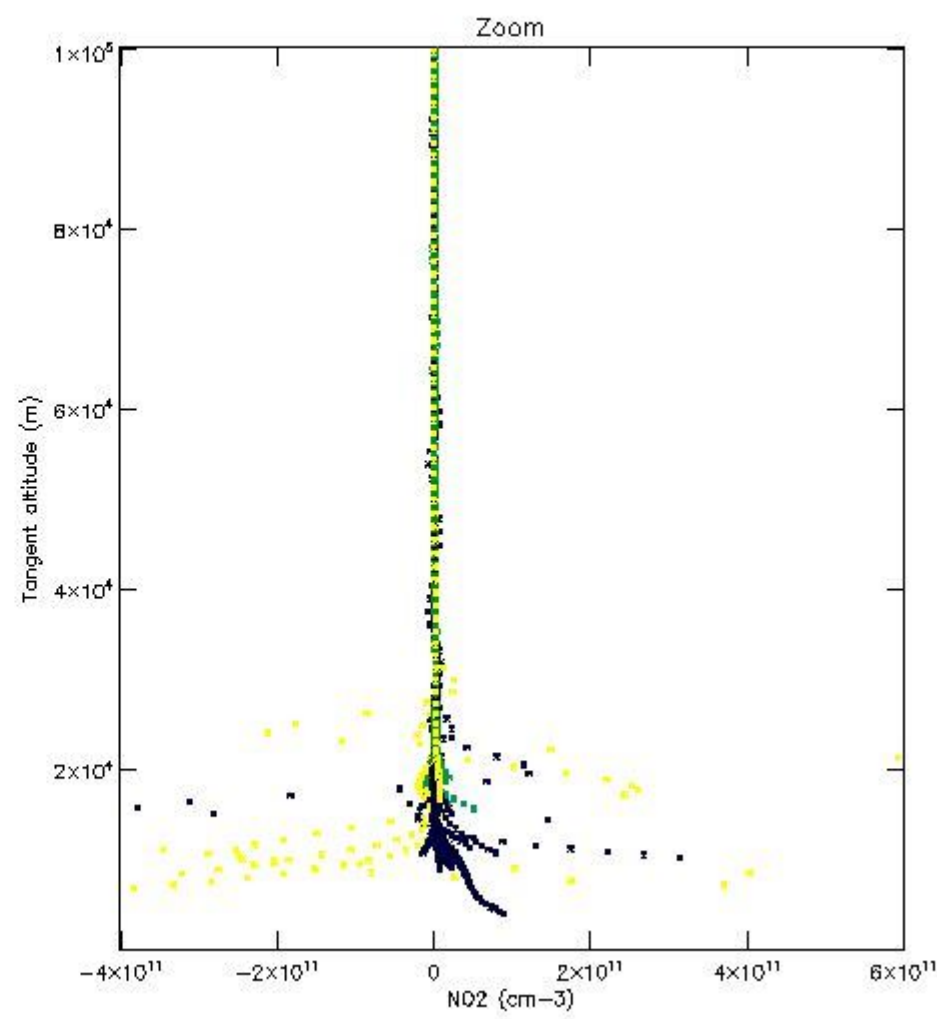
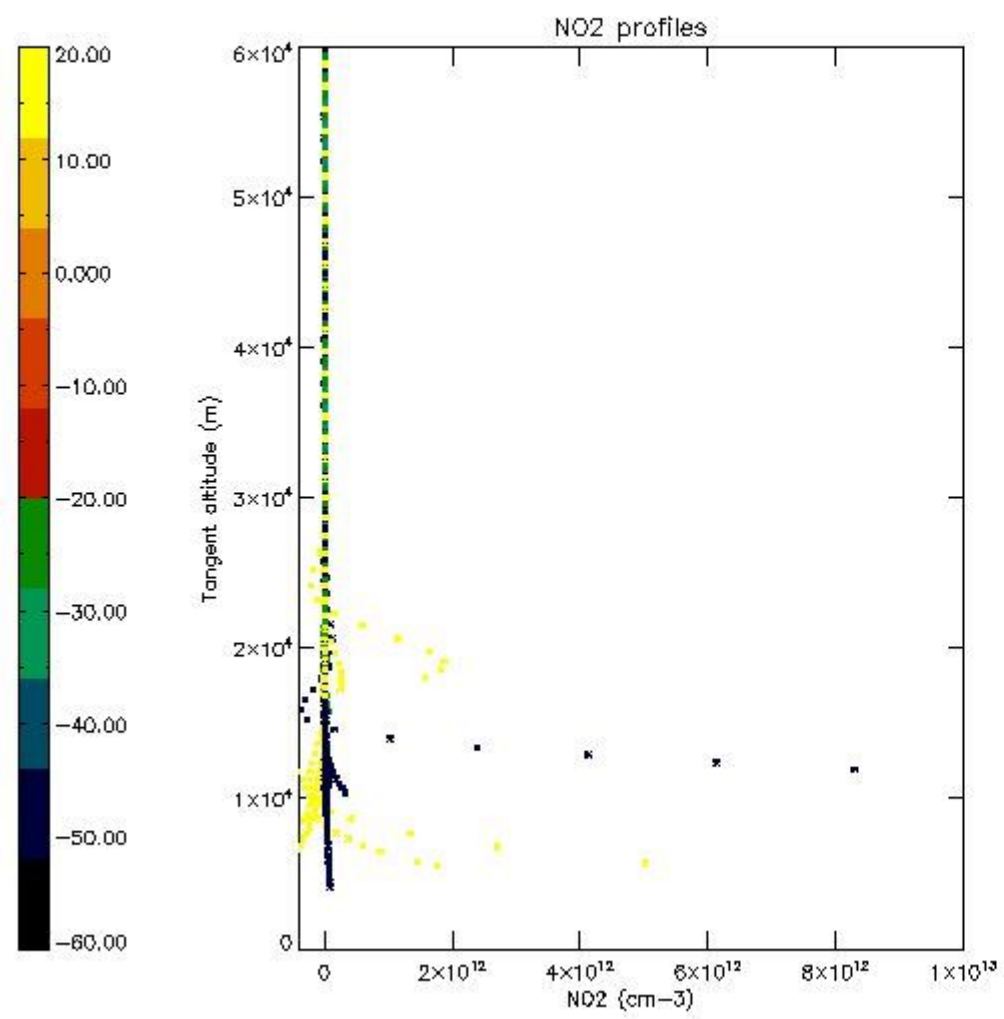
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



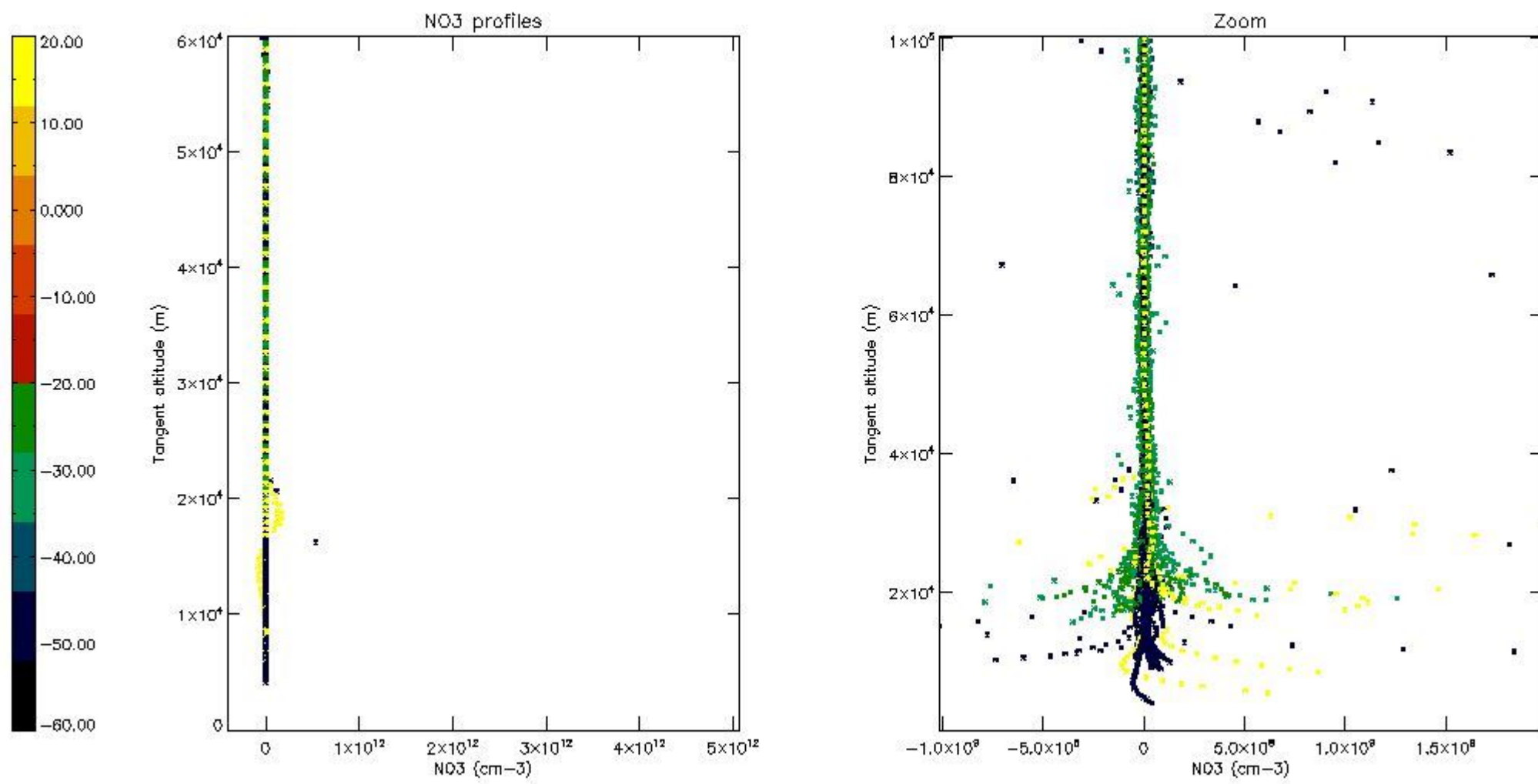
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



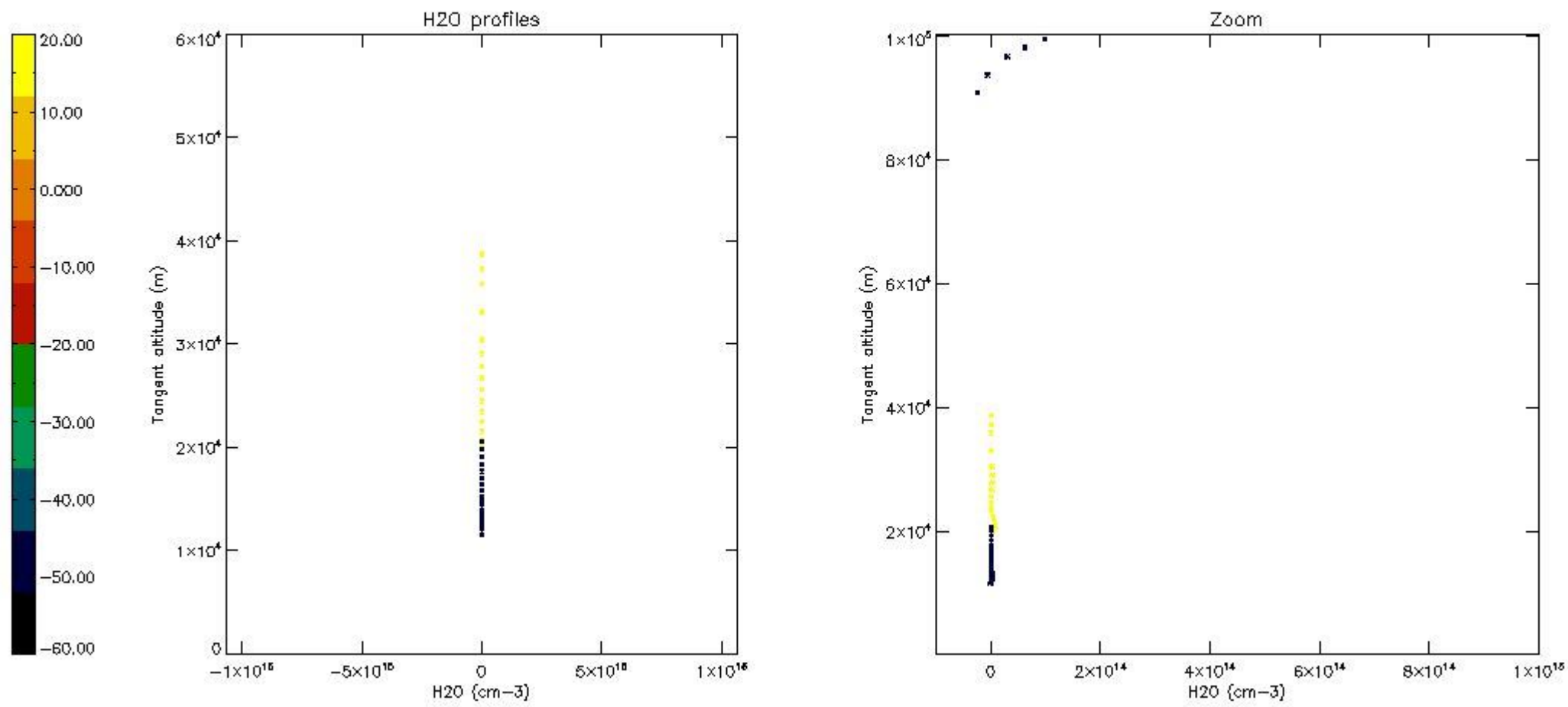
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	06-SEP-2011 00:17:58
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	06-SEP-2011 00:17:58
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	06-SEP-2011 00:17:58

GOMOS Level 2 Daily Report

SUMMARY

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	24APR2013 17:36:24
Data source version	GOMOS/6.01
Start time of products	06-09-2011 (06SEP2011 00:00:00)
Stop time of products	07-09-2011 (07SEP2011 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	132
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__2PRFIN20110906_001758_000000413106_00189_49772_1107.N1	06-SEP-2011 00:17:58	Dark	41.000	9	Alp Eri	0.45300	24000.	82	49772	No
2	GOM_NL__2PRFIN20110906_002351_000000463106_00189_49772_1108.N1	06-SEP-2011 00:23:51	Straylight	46.000	84	Alp Phe	2.3970	4500.0	92	49772	No
3	GOM_NL__2PRFIN20110906_002933_000000463106_00189_49772_1109.N1	06-SEP-2011 00:29:33	Straylight	45.500	18	24Alp PsA	1.1660	9700.0	91	49772	No
4	GOM_NL__2PRFIN20110906_005826_000000433106_00189_49772_1110.N1	06-SEP-2011 00:58:26	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	49772	No
5	GOM_NL__2PRFIN20110906_013719_000000533106_00189_49772_1111.N1	06-SEP-2011 01:37:19	Dark	52.500	1	9Alp CMa	-1.4400	11000.	105	49772	No
6	GOM_NL__2PRFIN20110906_013954_000000463106_00189_49772_1112.N1	06-SEP-2011 01:39:54	Dark	46.000	23	21Eps CMa	1.5020	26000.	92	49772	No
7	GOM_NL__2PRFIN20110906_015813_000000433106_00190_49773_1194.N1	06-SEP-2011 01:58:13	Dark	42.500	9	Alp Eri	0.45300	24000.	85	49773	No
8	GOM_NL__2PRFIN20110906_020405_000000503106_00190_49773_1195.N1	06-SEP-2011 02:04:05	Straylight	49.500	84	Alp Phe	2.3970	4500.0	99	49773	No
9	GOM_NL__2PRFIN20110906_020947_000000483106_00190_49773_1196.N1	06-SEP-2011 02:09:47	Straylight	47.500	18	24Alp PsA	1.1660	9700.0	95	49773	No
10	GOM_NL__2PRFIN20110906_022404_000000443106_00190_49773_1197.N1	06-SEP-2011 02:24:04	Bright	44.000	90	54Alp Peg	2.4870	11000.	88	49773	No
11	GOM_NL__2PRFIN20110906_022816_000000413106_00190_49773_1198.N1	06-SEP-2011 02:28:16	Bright	41.000	164	44Eta Peg	2.9480	5400.0	82	49773	No
12	GOM_NL__2PRFIN20110906_023839_000000423106_00190_49773_1199.N1	06-SEP-2011 02:38:39	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	49773	No
13	GOM_NL__2PRFIN20110906_030731_000000593106_00190_49773_1200.N1	06-SEP-2011 03:07:31	Twilight	59.000	44	24Gam Gem	1.9280	11000.	118	49773	No
14	GOM_NL__2PRFIN20110906_030926_000000483106_00190_49773_1201.N1	06-SEP-2011 03:09:26	Twilight	48.000	8	10Alp CMi	0.40000	6500.0	96	49773	No
15	GOM_NL__2PRFIN20110906_031734_000000533106_00190_49773_1202.N1	06-SEP-2011 03:17:34	Dark	53.000	1	9Alp CMa	-1.4400	11000.	106	49773	No
16	GOM_NL__2PRFIN20110906_032009_000000493106_00190_49773_1203.N1	06-SEP-2011 03:20:09	Dark	48.500	23	21Eps CMa	1.5020	26000.	97	49773	No
17	GOM_NL__2PRFIN20110906_032514_000000473106_00190_49773_1204.N1	06-SEP-2011 03:25:14	Dark	47.000	108	Alp Col	2.6520	15200.	94	49773	No
18	GOM_NL__2PRFIN20110906_034420_000000463106_00191_49774_1201.N1	06-SEP-2011 03:44:20	Straylight	46.000	84	Alp Phe	2.3970	4500.0	92	49774	No
19	GOM_NL__2PRFIN20110906_035001_000000453106_00191_49774_1202.N1	06-SEP-2011 03:50:01	Straylight	44.500	18	24Alp PsA	1.1660	9700.0	89	49774	No
20	GOM_NL__2PRFIN20110906_040417_000000433106_00191_49774_1203.N1	06-SEP-2011 04:04:17	Bright	43.000	90	54Alp Peg	2.4870	11000.	86	49774	No
21	GOM_NL__2PRFIN20110906_040830_000000423106_00191_49774_1204.N1	06-SEP-2011 04:08:30	Bright	41.500	164	44Eta Peg	2.9480	5400.0	83	49774	No
22	GOM_NL__2PRFIN20110906_041853_000000423106_00191_49774_1205.N1	06-SEP-2011 04:18:53	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	49774	No
23	GOM_NL__2PRFIN20110906_045748_000000543106_00191_49774_1206.N1	06-SEP-2011 04:57:48	Dark	53.500	1	9Alp CMa	-1.4400	11000.	107	49774	No
24	GOM_NL__2PRFIN20110906_050221_000000473106_00191_49774_1207.N1	06-SEP-2011 05:02:21	Dark	46.500	177	1Zet CMa	3.0220	26000.	93	49774	No
25	GOM_NL__2PRFIN20110906_050529_000000483106_00191_49774_1208.N1	06-SEP-2011 05:05:29	Dark	47.500	108	Alp Col	2.6520	15200.	95	49774	No
26	GOM_NL__2PRFIN20110906_051842_000000433106_00192_49775_1211.N1	06-SEP-2011 05:18:42	Dark	43.000	9	Alp Eri	0.45300	24000.	86	49775	No
27	GOM_NL__2PRFIN20110906_052435_000000493106_00192_49775_1212.N1	06-SEP-2011 05:24:35	Straylight	49.000	84	Alp Phe	2.3970	4500.0	98	49775	No
28	GOM_NL__2PRFIN20110906_053016_000000453106_00192_49775_1213.N1	06-SEP-2011 05:30:16	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	49775	No
29	GOM_NL__2PRFIN20110906_054431_000000433106_00192_49775_1214.N1	06-SEP-2011 05:44:31	Bright	43.000	90	54Alp Peg	2.4870	11000.	86	49775	No
30	GOM_NL__2PRFIN20110906_054844_000000403106_00192_49775_1215.N1	06-SEP-2011 05:48:44	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	49775	No
31	GOM_NL__2PRFIN20110906_055906_000000413106_00192_49775_1216.N1	06-SEP-2011 05:59:06	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	49775	No
32	GOM_NL__2PRFIN20110906_064236_000000453106_00192_49775_1217.N1	06-SEP-2011 06:42:36	Dark	44.500	177	1Zet CMa	3.0220	26000.	89	49775	No
33	GOM_NL__2PRFIN20110906_064544_000000473106_00192_49775_1218.N1	06-SEP-2011 06:45:44	Dark	47.000	108	Alp Col	2.6520	15200.	94	49775	No
34	GOM_NL__2PRFIN20110906_065857_000000573106_00193_49776_1309.N1	06-SEP-2011 06:58:57	Dark	56.500	9	Alp Eri	0.45300	24000.	113	49776	No
35	GOM_NL__2PRFIN20110906_070449_000000483106_00193_49776_1310.N1	06-SEP-2011 07:04:49	Straylight	48.000	84	Alp Phe	2.3970	4500.0	96	49776	No
36	GOM_NL__2PRFIN20110906_071030_000000463106_00193_49776_1311.N1	06-SEP-2011 07:10:30	Straylight	45.500	18	24Alp PsA	1.1660	9700.0	91	49776	No
37	GOM_NL__2PRFIN20110906_072445_000000433106_00193_49776_1312.N1	06-SEP-2011 07:24:45	Bright	42.500	90	54Alp Peg	2.4870	11000.	85	49776	No
38	GOM_NL__2PRFIN20110906_072857_000000413106_00193_49776_1313.N1	06-SEP-2011 07:28:57	Bright	41.000	164	44Eta Peg	2.9480	5400.0	82	49776	No
39	GOM_NL__2PRFIN20110906_073920_000000433106_00193_49776_1314.N1	06-SEP-2011 07:39:20	Bright	43.000	74	11Bet Cas	2.2680	6600.0	86	49776	No
40	GOM_NL__2PRFIN20110906_081010_000000463106_00193_49776_1315.N1	06-SEP-2011 08:10:10	Twilight	45.500	8	10Alp CMi	0.40000	6500.0	91	49776	No
41	GOM_NL__2PRFIN20110906_081818_000000553106_00193_49776_1316.N1	06-SEP-2011 08:18:18	Dark	55.000	1	9Alp CMa	-1.4400	11000.	110	49776	No
42	GOM_NL__2PRFIN20110906_082053_000000483106_00193_49776_1317.N1	06-SEP-2011 08:20:53	Dark	48.000	23	21Eps CMa	1.5020	26000.	96	49776	No

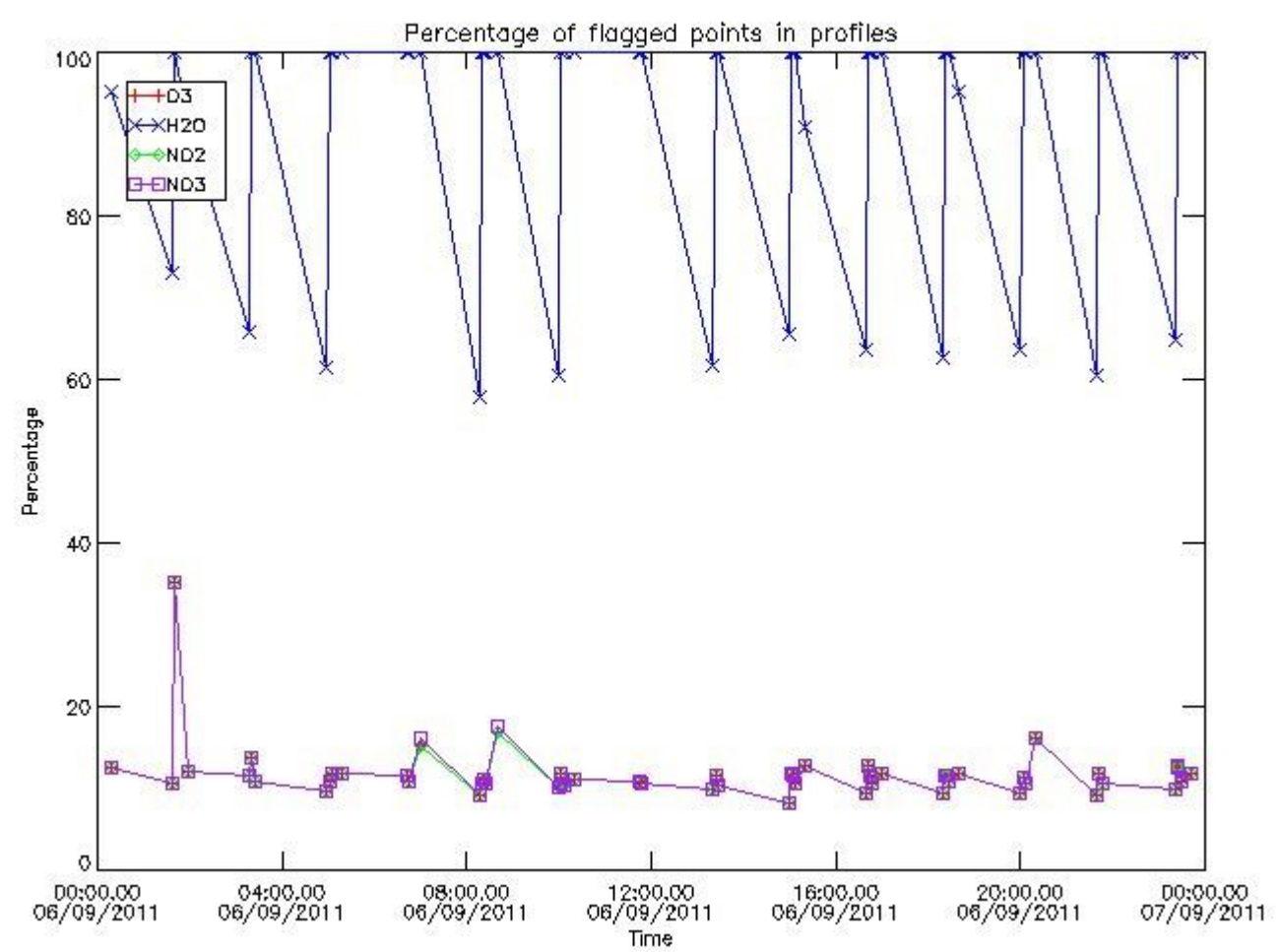
43	GOM_NL__2PRFIN20110906_082251_000000463106_00193_49776_1318.N1	06-SEP-2011 08:22:51	Dark	45.500	177	1Zet CMa	3.0220	26000.	91	49776	No
44	GOM_NL__2PRFIN20110906_082559_000000493106_00193_49776_1319.N1	06-SEP-2011 08:25:59	Dark	48.500	108	Alp Col	2.6520	15200.	97	49776	No
45	GOM_NL__2PRFIN20110906_083911_000000553106_00194_49777_1402.N1	06-SEP-2011 08:39:11	Dark	54.500	9	Alp Eri	0.45300	24000.	109	49777	No
46	GOM_NL__2PRFIN20110906_084504_000000463106_00194_49777_1403.N1	06-SEP-2011 08:45:04	Straylight	45.500	84	Alp Phe	2.3970	4500.0	91	49777	No
47	GOM_NL__2PRFIN20110906_085044_000000453106_00194_49777_1404.N1	06-SEP-2011 08:50:44	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	49777	No
48	GOM_NL__2PRFIN20110906_090458_000000433106_00194_49777_1405.N1	06-SEP-2011 09:04:58	Bright	42.500	90	54Alp Peg	2.4870	11000.	85	49777	No
49	GOM_NL__2PRFIN20110906_090911_000000393106_00194_49777_1406.N1	06-SEP-2011 09:09:11	Bright	39.000	164	44Eta Peg	2.9480	5400.0	78	49777	No
50	GOM_NL__2PRFIN20110906_091933_000000433106_00194_49777_1407.N1	06-SEP-2011 09:19:33	Bright	43.000	74	11Bet Cas	2.2680	6600.0	86	49777	No
51	GOM_NL__2PRFIN20110906_095833_000000553106_00194_49777_1408.N1	06-SEP-2011 09:58:33	Dark	55.000	1	9Alp CMa	-1.4400	11000.	110	49777	No
52	GOM_NL__2PRFIN20110906_100107_000000483106_00194_49777_1409.N1	06-SEP-2011 10:01:07	Dark	48.000	23	21Eps CMa	1.5020	26000.	96	49777	No
53	GOM_NL__2PRFIN20110906_100306_000000433106_00194_49777_1410.N1	06-SEP-2011 10:03:06	Dark	43.000	177	1Zet CMa	3.0220	26000.	86	49777	No
54	GOM_NL__2PRFIN20110906_100614_000000503106_00194_49777_1411.N1	06-SEP-2011 10:06:14	Dark	49.500	108	Alp Col	2.6520	15200.	99	49777	No
55	GOM_NL__2PRFIN20110906_101926_000000553106_00195_49778_1407.N1	06-SEP-2011 10:19:26	Dark	55.000	9	Alp Eri	0.45300	24000.	110	49778	No
56	GOM_NL__2PRFIN20110906_102518_000000553106_00195_49778_1408.N1	06-SEP-2011 10:25:18	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	49778	No
57	GOM_NL__2PRFIN20110906_103058_000000453106_00195_49778_1409.N1	06-SEP-2011 10:30:58	Straylight	44.500	18	24Alp PsA	1.1660	9700.0	89	49778	No
58	GOM_NL__2PRFIN20110906_104512_000000443106_00195_49778_1410.N1	06-SEP-2011 10:45:12	Bright	43.500	90	54Alp Peg	2.4870	11000.	87	49778	No
59	GOM_NL__2PRFIN20110906_104924_000000423106_00195_49778_1411.N1	06-SEP-2011 10:49:24	Bright	42.000	164	44Eta Peg	2.9480	5400.0	84	49778	No
60	GOM_NL__2PRFIN20110906_105946_000000433106_00195_49778_1412.N1	06-SEP-2011 10:59:46	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	49778	No
61	GOM_NL__2PRFIN20110906_114321_000000473106_00195_49778_1413.N1	06-SEP-2011 11:43:21	Dark	47.000	177	1Zet CMa	3.0220	26000.	94	49778	No
62	GOM_NL__2PRFIN20110906_114629_000000483106_00195_49778_1414.N1	06-SEP-2011 11:46:29	Dark	48.000	108	Alp Col	2.6520	15200.	96	49778	No
63	GOM_NL__2PRFIN20110906_120532_000000513106_00196_49779_1471.N1	06-SEP-2011 12:05:32	Straylight	50.500	84	Alp Phe	2.3970	4500.0	101	49779	No
64	GOM_NL__2PRFIN20110906_122525_000000453106_00196_49779_1472.N1	06-SEP-2011 12:25:25	Bright	44.500	90	54Alp Peg	2.4870	11000.	89	49779	No
65	GOM_NL__2PRFIN20110906_122938_000000393106_00196_49779_1473.N1	06-SEP-2011 12:29:38	Bright	39.000	164	44Eta Peg	2.9480	5400.0	78	49779	No
66	GOM_NL__2PRFIN20110906_124000_000000443106_00196_49779_1474.N1	06-SEP-2011 12:40:00	Bright	43.500	74	11Bet Cas	2.2680	6600.0	87	49779	No
67	GOM_NL__2PRFIN20110906_131053_000000483106_00196_49779_1475.N1	06-SEP-2011 13:10:53	Twilight	47.500	8	10Alp CMi	0.40000	6500.0	95	49779	No
68	GOM_NL__2PRFIN20110906_131902_000000523106_00196_49779_1476.N1	06-SEP-2011 13:19:02	Dark	51.500	1	9Alp CMa	-1.4400	11000.	103	49779	No
69	GOM_NL__2PRFIN20110906_132335_000000453106_00196_49779_1477.N1	06-SEP-2011 13:23:35	Dark	44.500	177	1Zet CMa	3.0220	26000.	89	49779	No
70	GOM_NL__2PRFIN20110906_132644_000000503106_00196_49779_1478.N1	06-SEP-2011 13:26:44	Dark	49.500	108	Alp Col	2.6520	15200.	99	49779	No
71	GOM_NL__2PRFIN20110906_134547_000000443106_00197_49780_1676.N1	06-SEP-2011 13:45:47	Straylight	44.000	84	Alp Phe	2.3970	4500.0	88	49780	No
72	GOM_NL__2PRFIN20110906_140539_000000443106_00197_49780_1677.N1	06-SEP-2011 14:05:39	Bright	43.500	90	54Alp Peg	2.4870	11000.	87	49780	No
73	GOM_NL__2PRFIN20110906_140952_000000423106_00197_49780_1678.N1	06-SEP-2011 14:09:52	Bright	41.500	164	44Eta Peg	2.9480	5400.0	83	49780	No
74	GOM_NL__2PRFIN20110906_142013_000000553106_00197_49780_1679.N1	06-SEP-2011 14:20:13	Bright	54.500	74	11Bet Cas	2.2680	6600.0	109	49780	No
75	GOM_NL__2PRFIN20110906_144306_000000403106_00197_49780_1680.N1	06-SEP-2011 14:43:06	Bright	40.000	24	66Alp Gem	1.5800	10200.	80	49780	No
76	GOM_NL__2PRFIN20110906_145917_000000633106_00197_49780_1681.N1	06-SEP-2011 14:59:17	Dark	63.000	1	9Alp CMa	-1.4400	11000.	126	49780	No
77	GOM_NL__2PRFIN20110906_150151_000000443106_00197_49780_1682.N1	06-SEP-2011 15:01:51	Dark	43.500	23	21Eps CMa	1.5020	26000.	87	49780	No
78	GOM_NL__2PRFIN20110906_150350_000000453106_00197_49780_1683.N1	06-SEP-2011 15:03:50	Dark	44.500	177	1Zet CMa	3.0220	26000.	89	49780	No
79	GOM_NL__2PRFIN20110906_150659_000000483106_00197_49780_1684.N1	06-SEP-2011 15:06:59	Dark	48.000	108	Alp Col	2.6520	15200.	96	49780	No
80	GOM_NL__2PRFIN20110906_152009_000000443106_00198_49781_1726.N1	06-SEP-2011 15:20:09	Dark	44.000	9	Alp Eri	0.45300	24000.	88	49781	No
81	GOM_NL__2PRFIN20110906_152601_000000473106_00198_49781_1727.N1	06-SEP-2011 15:26:01	Straylight	47.000	84	Alp Phe	2.3970	4500.0	94	49781	No
82	GOM_NL__2PRFIN20110906_153141_000000453106_00198_49781_1728.N1	06-SEP-2011 15:31:41	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	49781	No
83	GOM_NL__2PRFIN20110906_154553_000000453106_00198_49781_1729.N1	06-SEP-2011 15:45:53	Bright	45.000	90	54Alp Peg	2.4870	11000.	90	49781	No
84	GOM_NL__2PRFIN20110906_155005_000000403106_00198_49781_1730.N1	06-SEP-2011 15:50:05	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	49781	No
85	GOM_NL__2PRFIN20110906_160026_000000413106_00198_49781_1731.N1	06-SEP-2011 16:00:26	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	49781	No
86	GOM_NL__2PRFIN20110906_163121_000000533106_00198_49781_1732.N1	06-SEP-2011 16:31:21	Twilight	53.000	8	10Alp CMi	0.40000	6500.0	106	49781	No
87	GOM_NL__2PRFIN20110906_163932_000000543106_00198_49781_1733.N1	06-SEP-2011 16:39:32	Dark	54.000	1	9Alp CMa	-1.4400	11000.	108	49781	No
88	GOM_NL__2PRFIN20110906_164206_000000443106_00198_49781_1734.N1	06-SEP-2011 16:42:06	Dark	44.000	23	21Eps CMa	1.5020	26000.	88	49781	No
89	GOM_NL__2PRFIN20110906_164405_000000453106_00198_49781_1735.N1	06-SEP-2011 16:44:05	Dark	44.500	177	1Zet CMa	3.0220	26000.	89	49781	No
90	GOM_NL__2PRFIN20110906_164714_000000483106_00198_49781_1736.N1	06-SEP-2011 16:47:14	Dark	48.000	108	Alp Col	2.6520	15200.	96	49781	No
91	GOM_NL__2PRFIN20110906_170024_000000433106_00199_49782_1747.N1	06-SEP-2011 17:00:24	Dark	43.000	9	Alp Eri	0.45300	24000.	86	49782	No
92	GOM_NL__2PRFIN20110906_170616_000000563106_00199_49782_1748.N1	06-SEP-2011 17:06:16	Straylight	56.000	84	Alp Phe	2.3970	4500.0	112	49782	No
93	GOM_NL__2PRFIN20110906_171155_000000443106_00199_49782_1749.N1	06-SEP-2011 17:11:55	Straylight	44.000	18	24Alp PsA	1.1660	9700.0	88	49782	No
94	GOM_NL__2PRFIN20110906_172606_000000443106_00199_49782_1750.N1	06-SEP-2011 17:26:06	Bright	44.000	90	54Alp Peg	2.4870	11000.	88	49782	No
95	GOM_NL__2PRFIN20110906_173019_000000413106_00199_49782_1751.N1	06-SEP-2011 17:30:19	Bright	41.000	164	44Eta Peg	2.9480	5400.0	82	49782	No
96	GOM_NL__2PRFIN20110906_174040_000000443106_00199_49782_1752.N1	06-SEP-2011 17:40:40	Bright	43.500	74	11Bet Cas	2.2680	6600.0	87	49782	No
97	GOM_NL__2PRFIN20110906_181946_000000543106_00199_49782_1753.N1	06-SEP-2011 18:19:46	Dark	54.000	1	9Alp CMa	-1.4400	11000.	108	49782	No
98	GOM_NL__2PRFIN20110906_182220_000000453106_00199_49782_1754.N1	06-SEP-2011 18:22:20	Dark	44.500	23	21Eps CMa	1.5020	26000.	89	49782	No
99	GOM_NL__2PRFIN20110906_182420_000000443106_00199_49782_1755.N1	06-SEP-2011 18:24:20	Dark	44.000	177	1Zet CMa	3.0220	26000.	88	49782	No
100	GOM_NL__2PRFIN20110906_182729_000000473106_00199_49782_1756.N1	06-SEP-2011 18:27:29	Dark	47.000	108	Alp Col	2.6520	15200.	94	49782	No
101	GOM_NL__2PRFIN20110906_184038_000000433106_00200_49783_1754.N1	06-SEP-2011 18:40:38	Dark	43.000	9	Alp Eri	0.45300	24000.	86	49783	No

102	GOM_NL__2PRFIN20110906_184630_000000563106_00200_49783_1755.N1	06-SEP-2011 18:46:30	Straylight	56.000	84	Alp Phe	2.3970	4500.0	112	49783	No
103	GOM_NL__2PRFIN20110906_185209_000000453106_00200_49783_1756.N1	06-SEP-2011 18:52:09	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	49783	No
104	GOM_NL__2PRFIN20110906_190620_000000433106_00200_49783_1757.N1	06-SEP-2011 19:06:20	Bright	43.000	90	54Alp Peg	2.4870	11000.	86	49783	No
105	GOM_NL__2PRFIN20110906_191033_000000423106_00200_49783_1758.N1	06-SEP-2011 19:10:33	Bright	42.000	164	44Eta Peg	2.9480	5400.0	84	49783	No
106	GOM_NL__2PRFIN20110906_192054_000000443106_00200_49783_1759.N1	06-SEP-2011 19:20:54	Bright	44.000	74	11Bet Cas	2.2680	6600.0	88	49783	No
107	GOM_NL__2PRFIN20110906_200001_000000543106_00200_49783_1760.N1	06-SEP-2011 20:00:01	Dark	54.000	1	9Alp CMA	-1.4400	11000.	108	49783	No
108	GOM_NL__2PRFIN20110906_200435_000000453106_00200_49783_1761.N1	06-SEP-2011 20:04:35	Dark	45.000	177	1Zet CMA	3.0220	26000.	90	49783	No
109	GOM_NL__2PRFIN20110906_200744_000000493106_00200_49783_1762.N1	06-SEP-2011 20:07:44	Dark	48.500	108	Alp Col	2.6520	15200.	97	49783	No
110	GOM_NL__2PRFIN20110906_202053_000000513106_00201_49784_1757.N1	06-SEP-2011 20:20:53	Dark	50.500	9	Alp Eri	0.45300	24000.	101	49784	No
111	GOM_NL__2PRFIN20110906_202645_000000503106_00201_49784_1758.N1	06-SEP-2011 20:26:45	Straylight	49.500	84	Alp Phe	2.3970	4500.0	99	49784	No
112	GOM_NL__2PRFIN20110906_203224_000000423106_00201_49784_1759.N1	06-SEP-2011 20:32:24	Straylight	42.000	18	24Alp PsA	1.1660	9700.0	84	49784	No
113	GOM_NL__2PRFIN20110906_204634_000000453106_00201_49784_1760.N1	06-SEP-2011 20:46:34	Bright	44.500	90	54Alp Peg	2.4870	11000.	89	49784	No
114	GOM_NL__2PRFIN20110906_205046_000000413106_00201_49784_1761.N1	06-SEP-2011 20:50:46	Bright	41.000	164	44Eta Peg	2.9480	5400.0	82	49784	No
115	GOM_NL__2PRFIN20110906_210107_000000443106_00201_49784_1762.N1	06-SEP-2011 21:01:07	Bright	43.500	74	11Bet Cas	2.2680	6600.0	87	49784	No
116	GOM_NL__2PRFIN20110906_213204_000000493106_00201_49784_1763.N1	06-SEP-2011 21:32:04	Twilight	49.000	8	10Alp CMi	0.40000	6500.0	98	49784	No
117	GOM_NL__2PRFIN20110906_214016_000000563106_00201_49784_1764.N1	06-SEP-2011 21:40:16	Dark	56.000	1	9Alp CMA	-1.4400	11000.	112	49784	No
118	GOM_NL__2PRFIN20110906_214250_000000433106_00201_49784_1765.N1	06-SEP-2011 21:42:50	Dark	43.000	23	21Eps CMA	1.5020	26000.	86	49784	No
119	GOM_NL__2PRFIN20110906_214759_000000483106_00201_49784_1766.N1	06-SEP-2011 21:47:59	Dark	48.000	108	Alp Col	2.6520	15200.	96	49784	No
120	GOM_NL__2PRFIN20110906_220659_000000503106_00202_49785_1664.N1	06-SEP-2011 22:06:59	Straylight	50.000	84	Alp Phe	2.3970	4500.0	100	49785	No
121	GOM_NL__2PRFIN20110906_221238_000000473106_00202_49785_1665.N1	06-SEP-2011 22:12:38	Straylight	47.000	18	24Alp PsA	1.1660	9700.0	94	49785	No
122	GOM_NL__2PRFIN20110906_222647_000000433106_00202_49785_1666.N1	06-SEP-2011 22:26:47	Bright	43.000	90	54Alp Peg	2.4870	11000.	86	49785	No
123	GOM_NL__2PRFIN20110906_223100_000000403106_00202_49785_1667.N1	06-SEP-2011 22:31:00	Bright	40.000	164	44Eta Peg	2.9480	5400.0	80	49785	No
124	GOM_NL__2PRFIN20110906_224120_000000403106_00202_49785_1668.N1	06-SEP-2011 22:41:20	Bright	39.500	74	11Bet Cas	2.2680	6600.0	79	49785	No
125	GOM_NL__2PRFIN20110906_231219_000000503106_00202_49785_1669.N1	06-SEP-2011 23:12:19	Twilight	49.500	8	10Alp CMi	0.40000	6500.0	99	49785	No
126	GOM_NL__2PRFIN20110906_232031_000000523106_00202_49785_1670.N1	06-SEP-2011 23:20:31	Dark	51.500	1	9Alp CMA	-1.4400	11000.	103	49785	No
127	GOM_NL__2PRFIN20110906_232304_000000443106_00202_49785_1671.N1	06-SEP-2011 23:23:04	Dark	44.000	23	21Eps CMA	1.5020	26000.	88	49785	No
128	GOM_NL__2PRFIN20110906_232504_000000453106_00202_49785_1672.N1	06-SEP-2011 23:25:04	Dark	45.000	177	1Zet CMA	3.0220	26000.	90	49785	No
129	GOM_NL__2PRFIN20110906_232814_000000473106_00202_49785_1673.N1	06-SEP-2011 23:28:14	Dark	46.500	108	Alp Col	2.6520	15200.	93	49785	No
130	GOM_NL__2PRFIN20110906_234122_000000443106_00203_49786_1673.N1	06-SEP-2011 23:41:22	Dark	43.500	9	Alp Eri	0.45300	24000.	87	49786	No
131	GOM_NL__2PRFIN20110906_234714_000000493106_00203_49786_1674.N1	06-SEP-2011 23:47:14	Straylight	49.000	84	Alp Phe	2.3970	4500.0	98	49786	No
132	GOM_NL__2PRFIN20110906_235252_000000463106_00203_49786_1675.N1	06-SEP-2011 23:52:52	Straylight	46.000	18	24Alp PsA	1.1660	9700.0	92	49786	No

3. Quality information per product

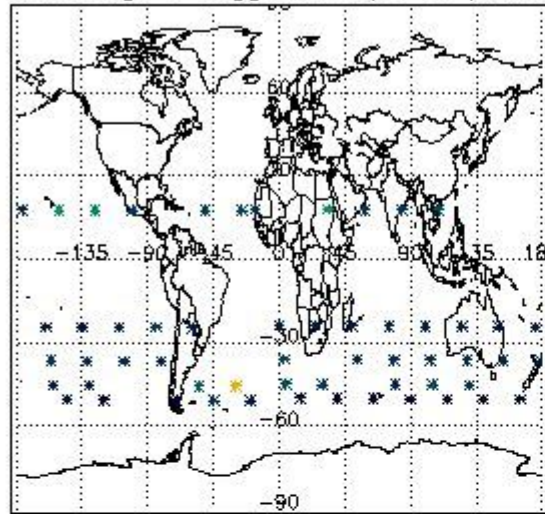
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

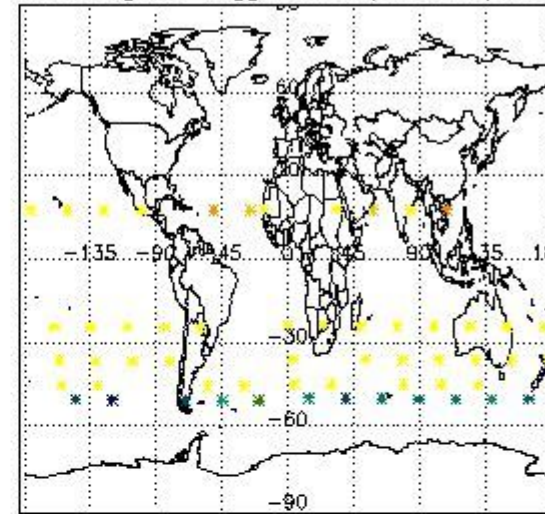


3.2 Plot quality information per product (world map)

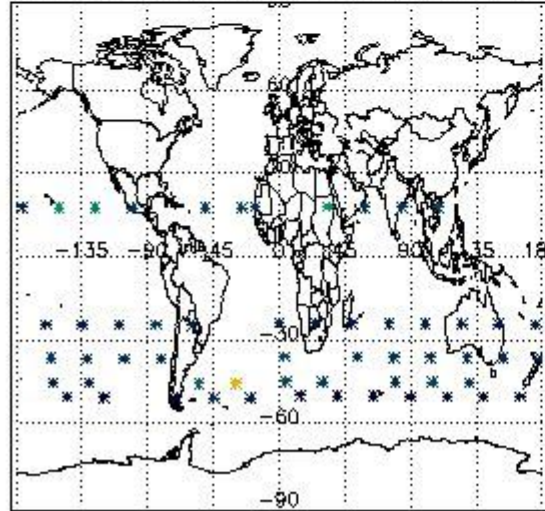
Percentage of flagged data per O3 profile



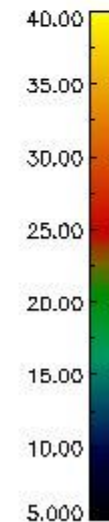
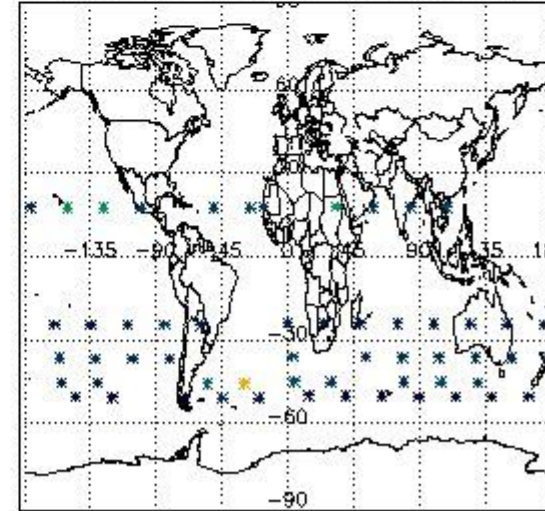
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

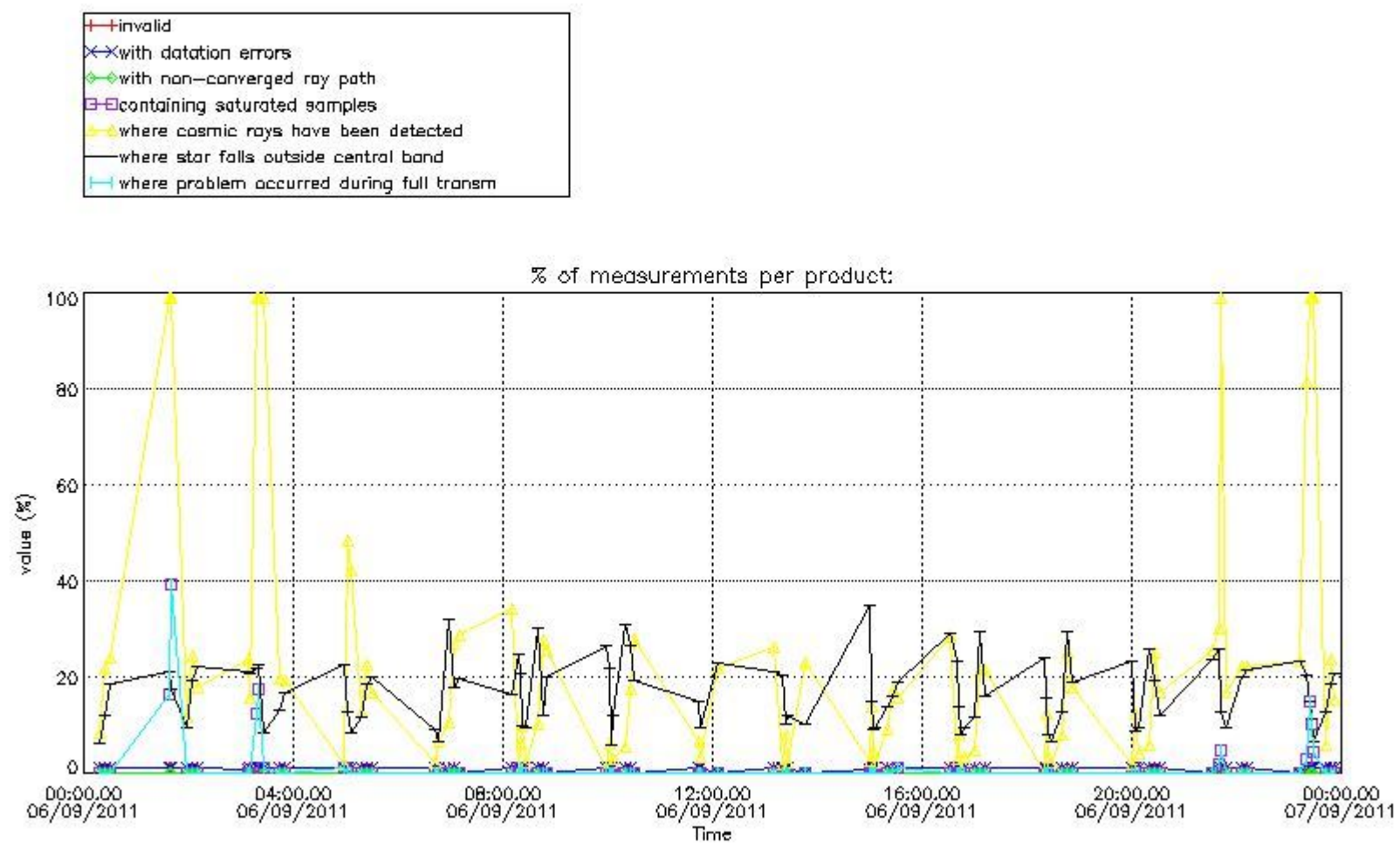


4. Level 1 quality information per product

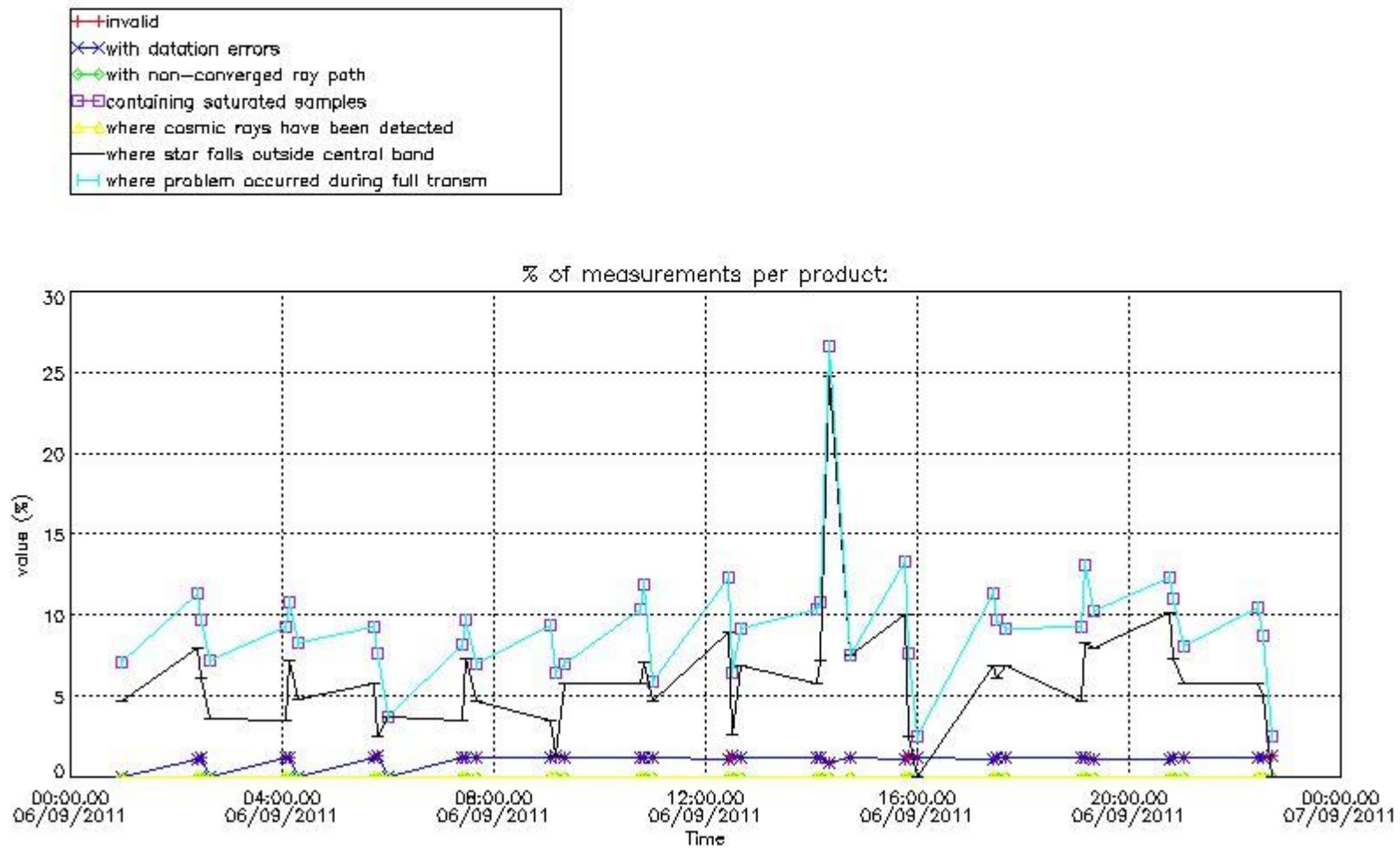
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



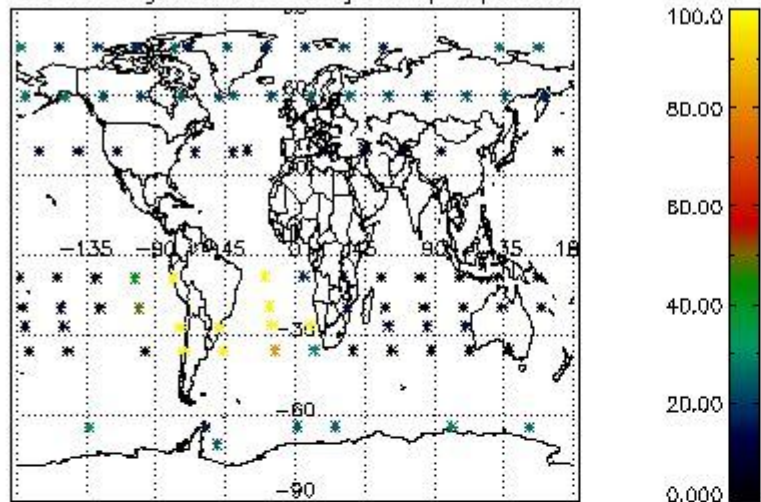
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



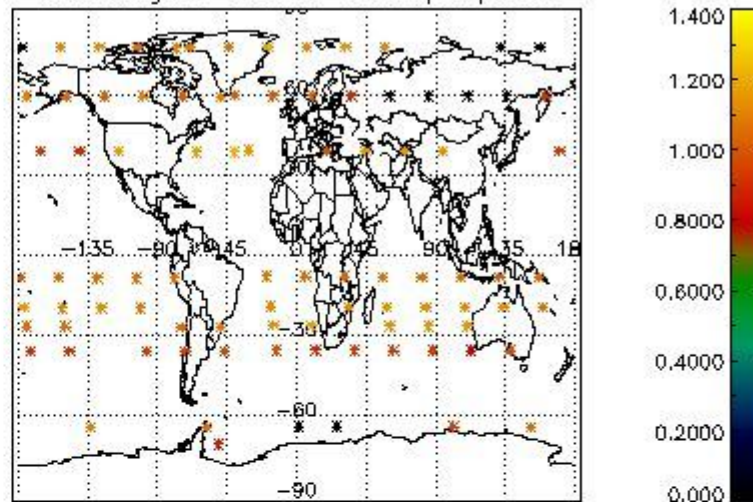
4.2 Plot quality information per product coming from level 1b processing (world map)

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

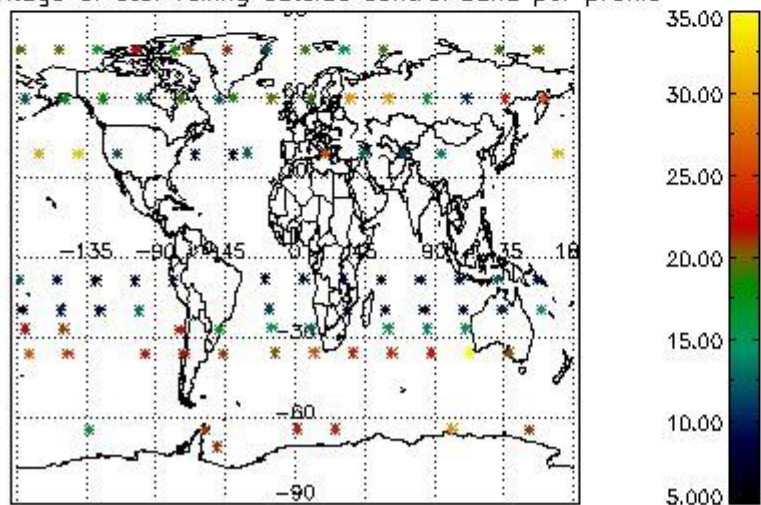
Percentage of cosmic ray hits per profile



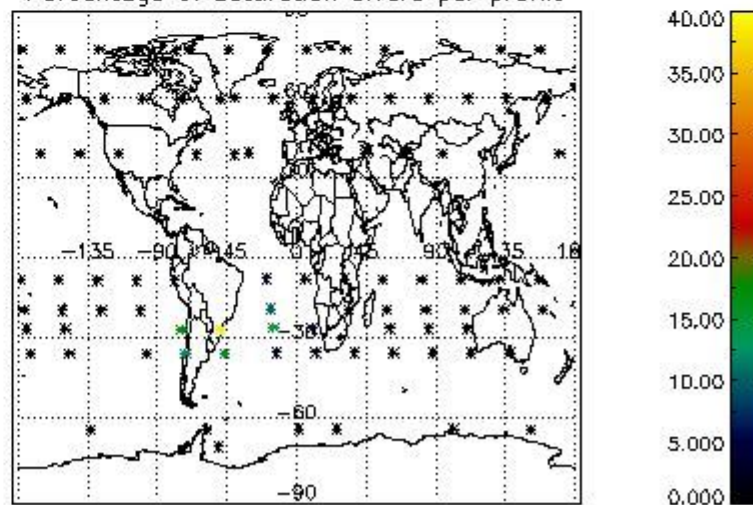
Percentage of datation errors per profile



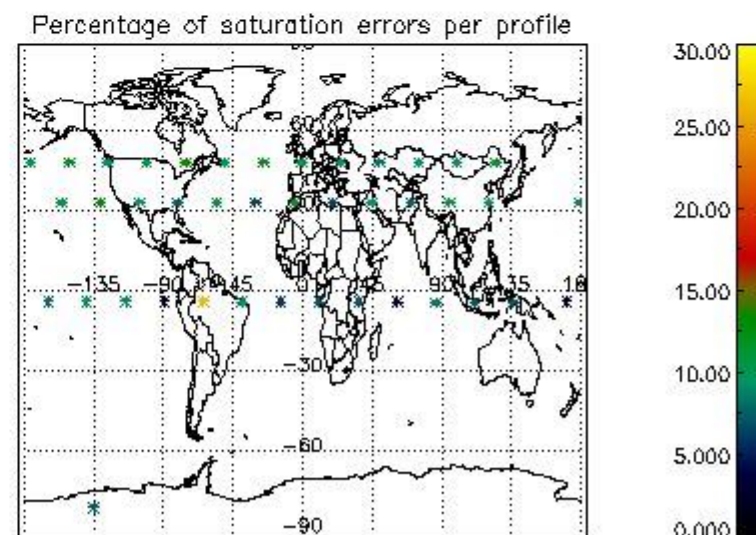
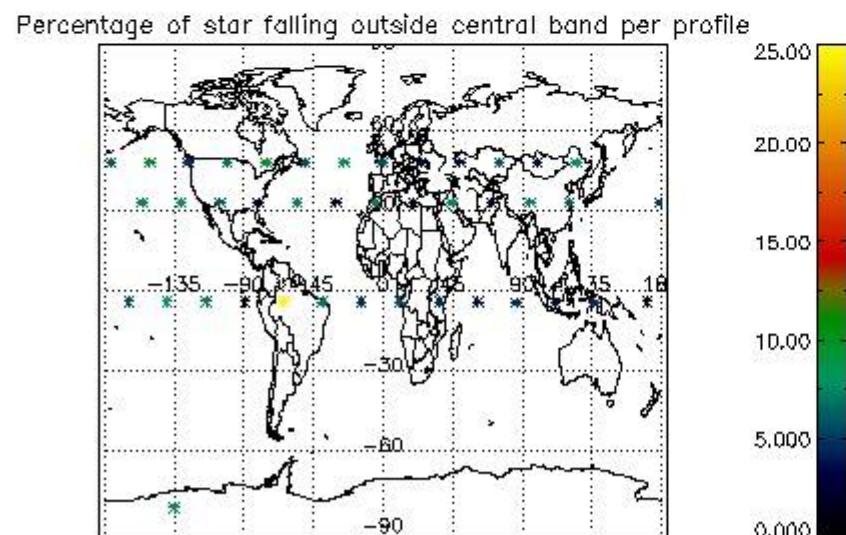
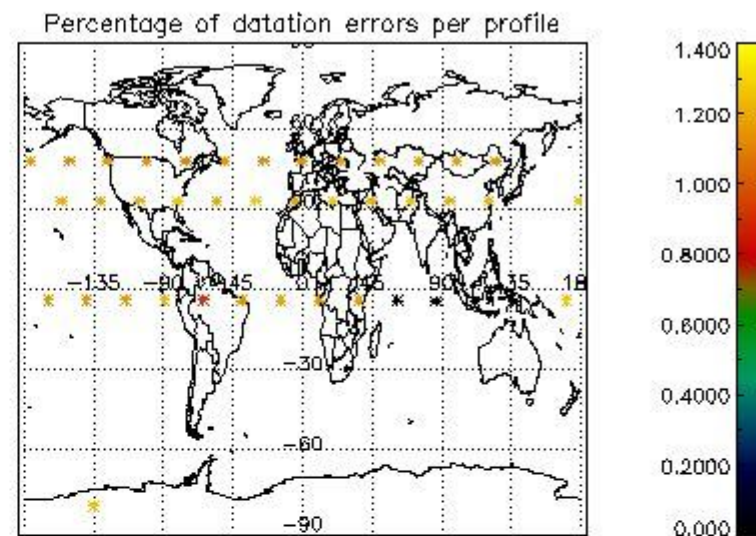
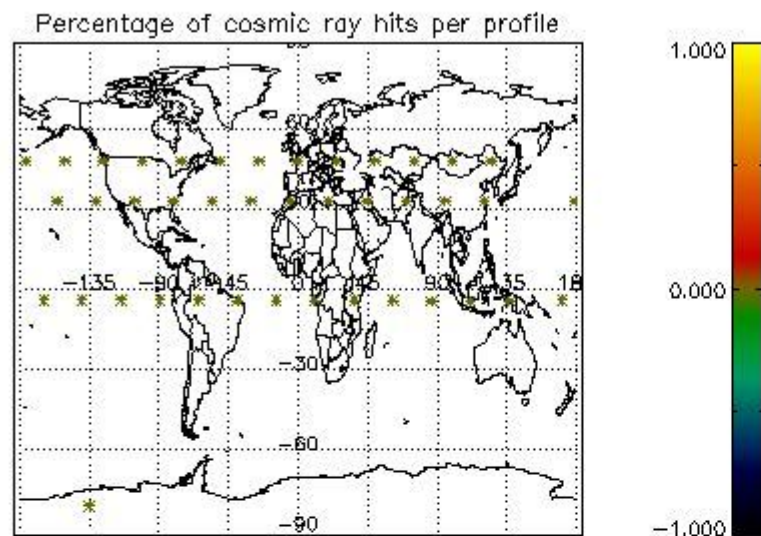
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/o3_std of the level 2 products. The table below shows the statistics for given STD ranges.

The statistics are given with respect to the overall valid production:

- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

The 'Criteria' is applied to valid points of dark limb products:

- Products in dark limb illumination condition: GOM_NL__2P/NL_SUMMARY_QUALITY/obs_ill_cond=0
- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

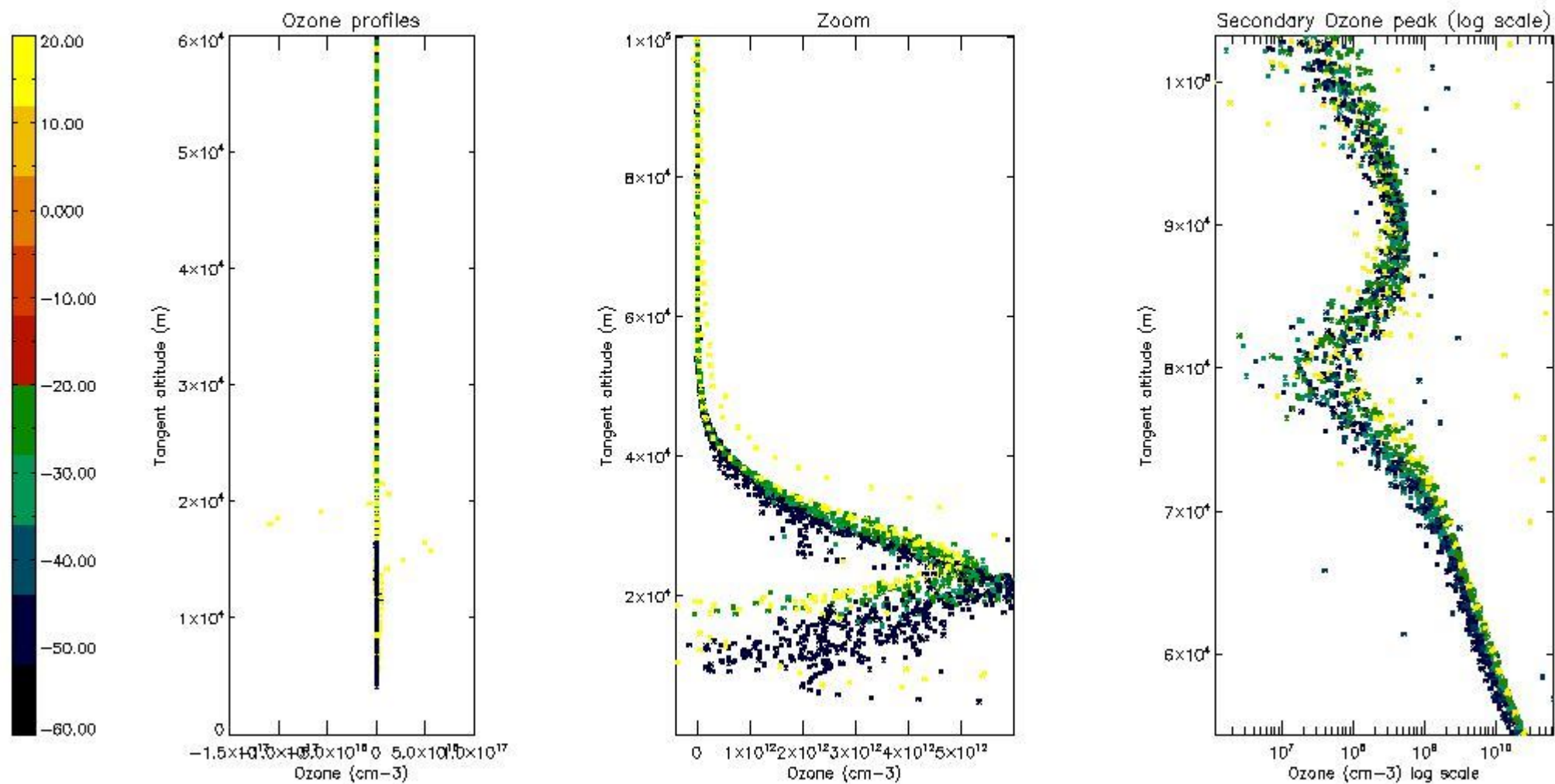
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	45
STD < 20	27

STD < 10	24
STD < 5	18

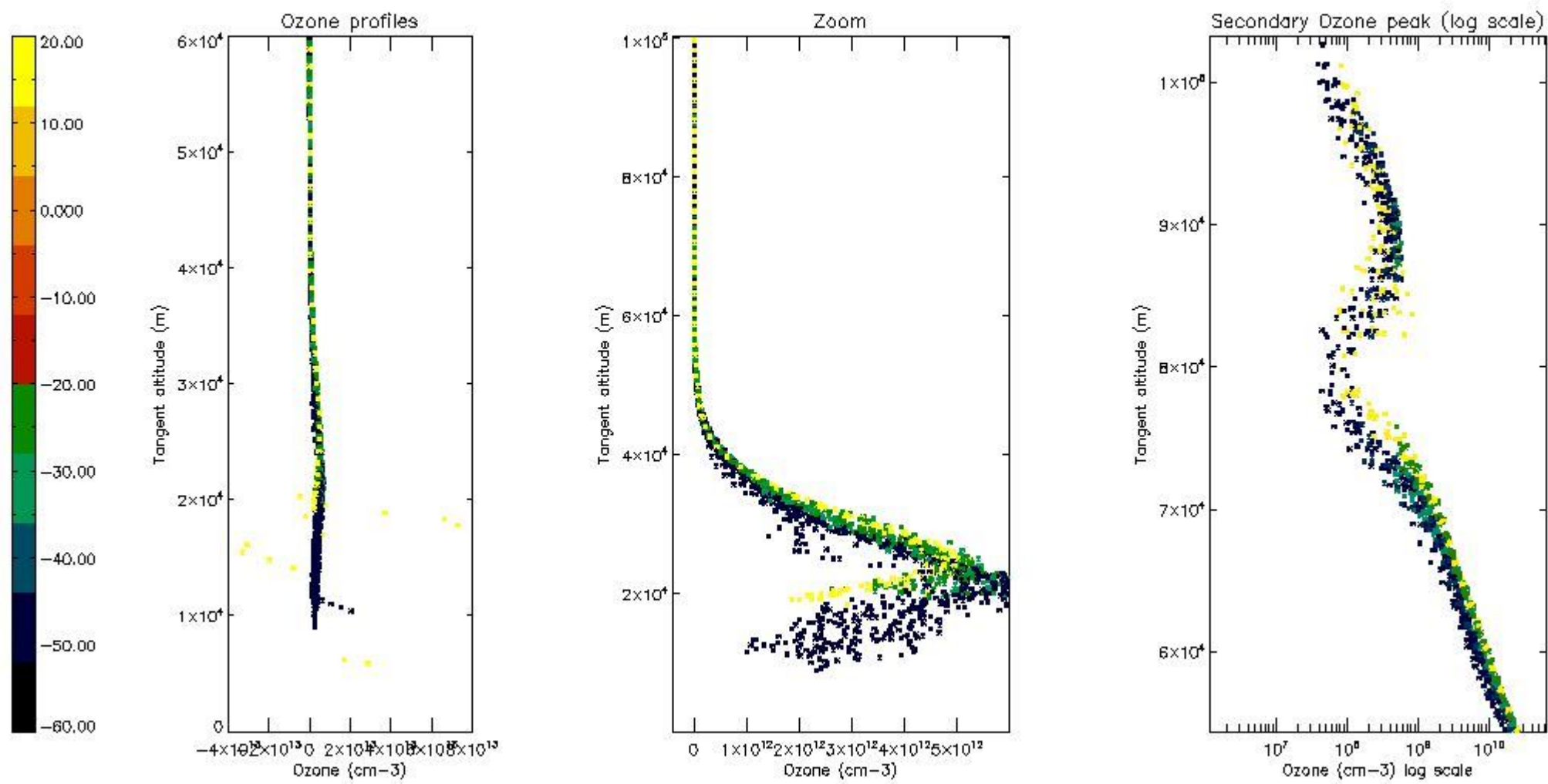
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



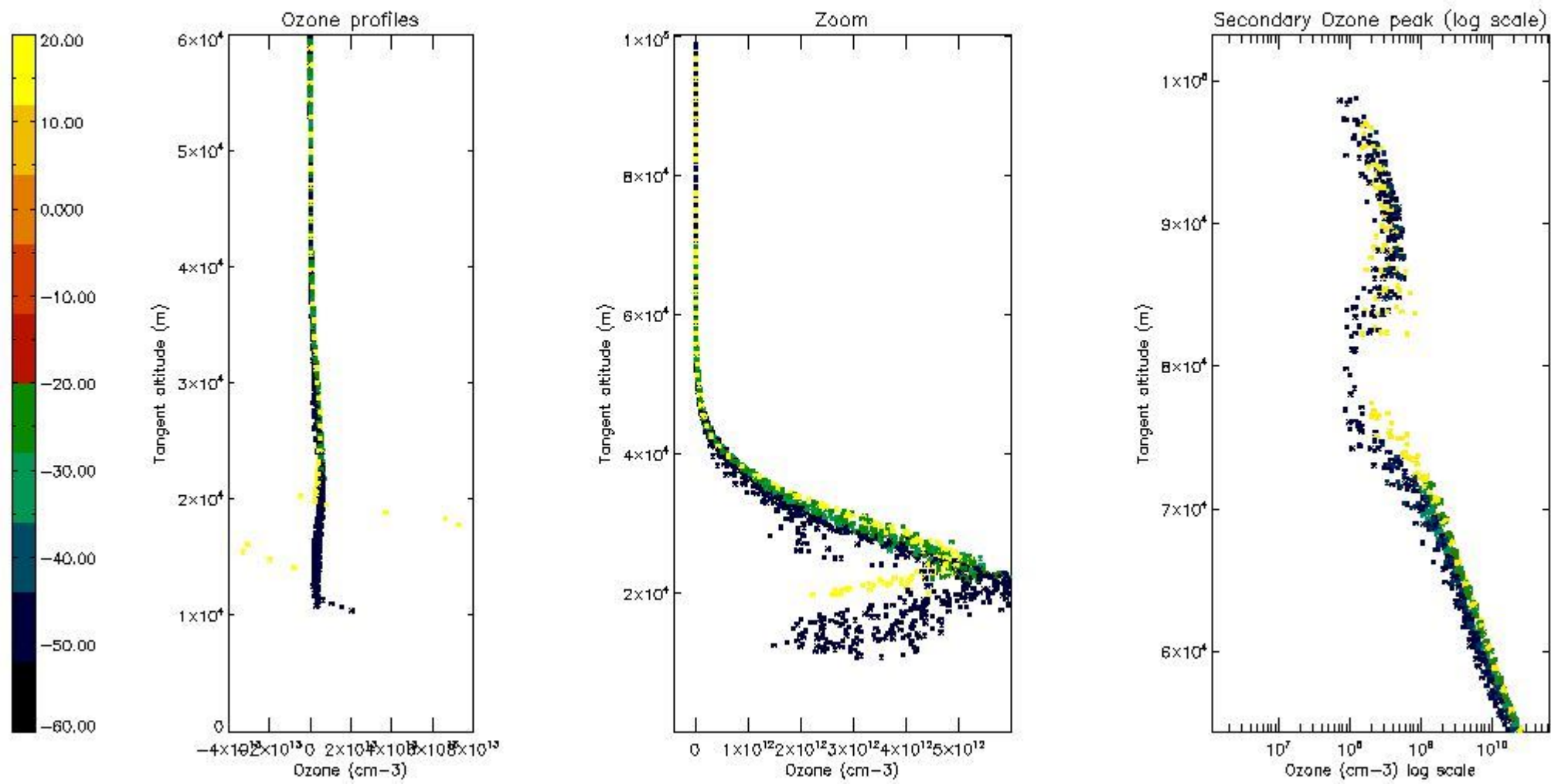
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



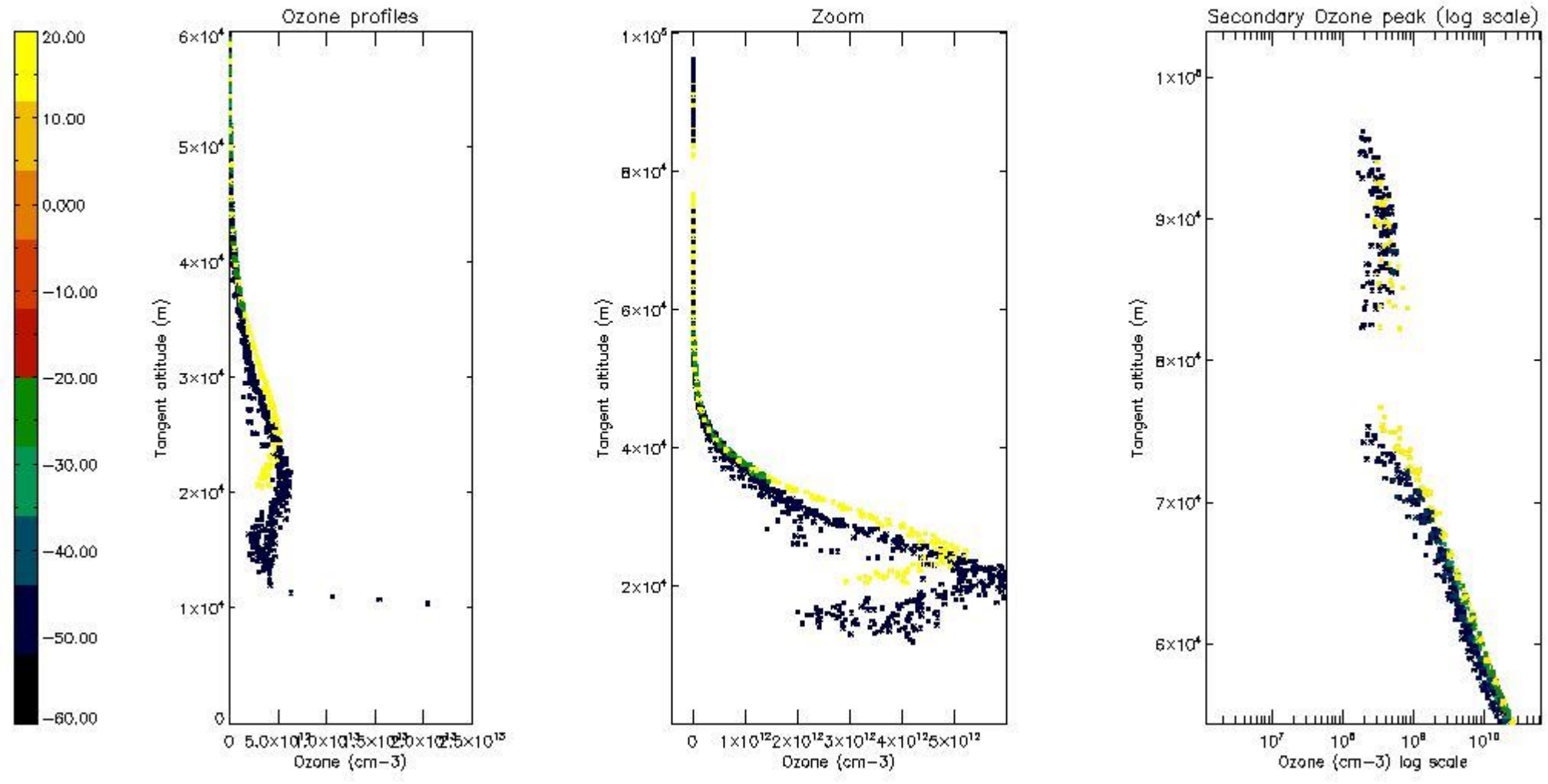
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



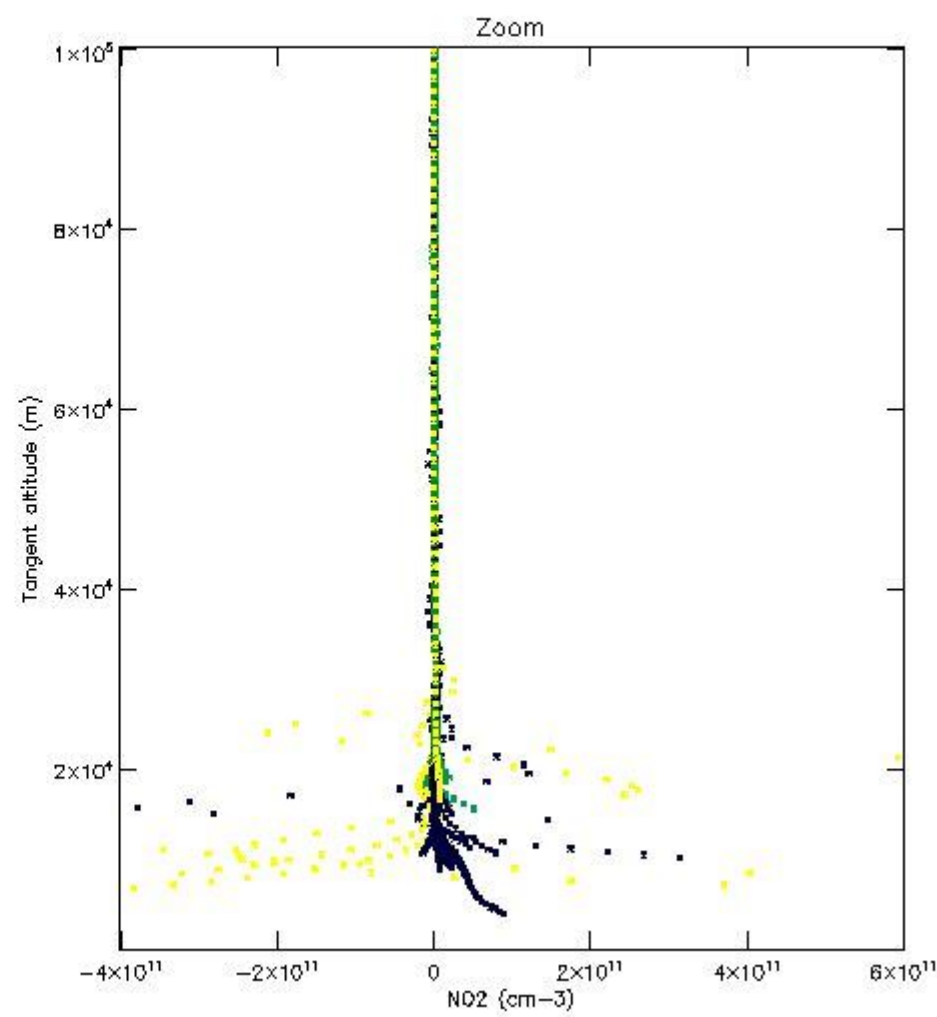
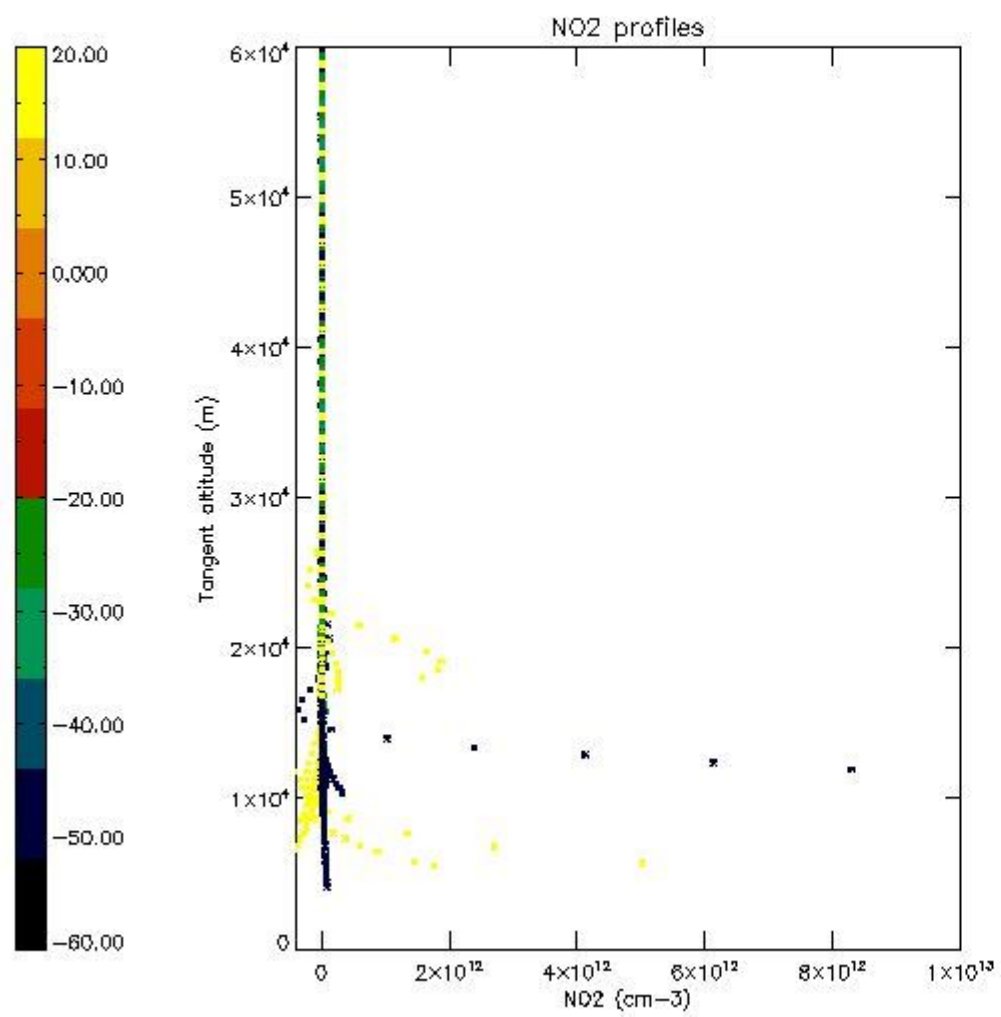
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



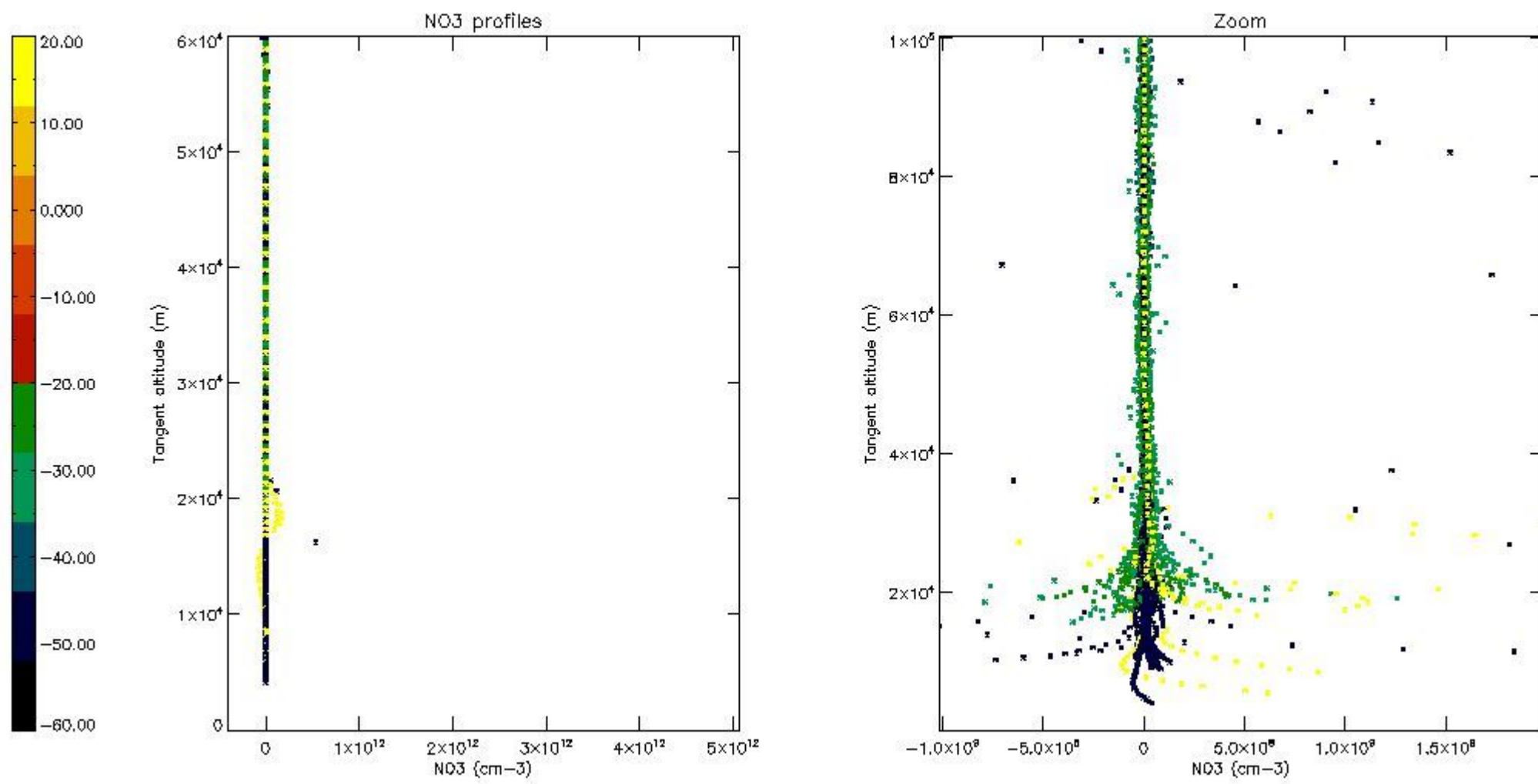
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



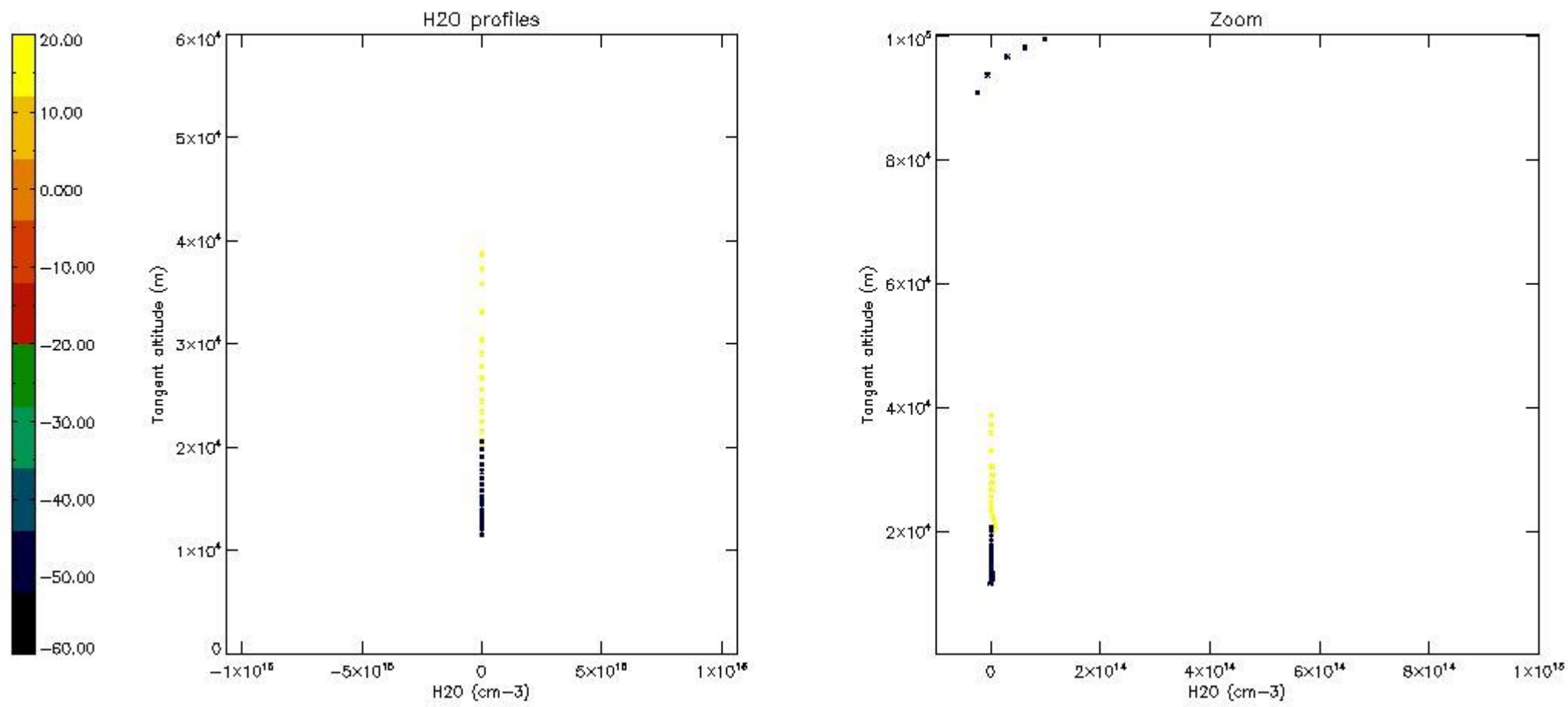
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

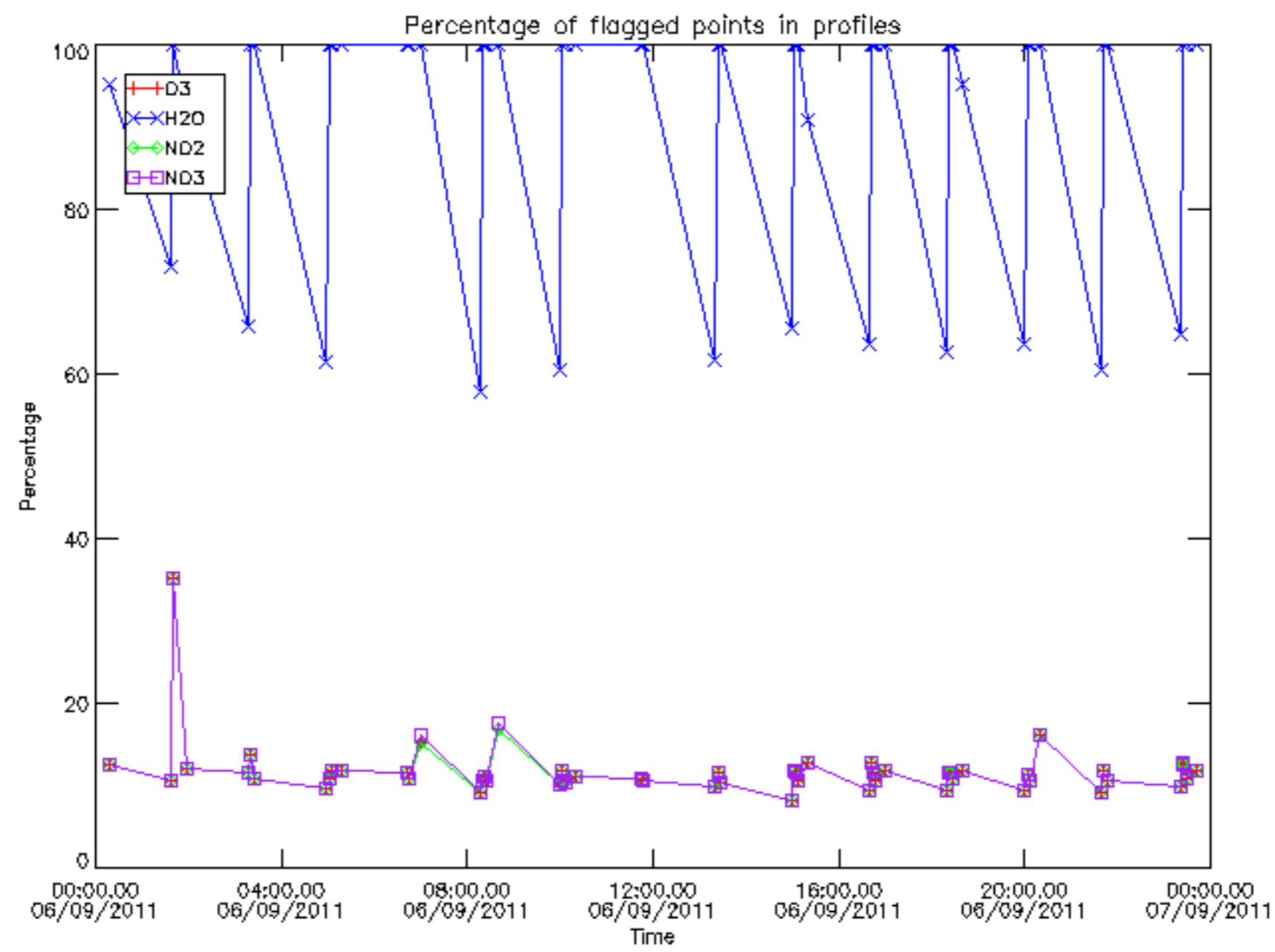
The colorbar represents the latitude.



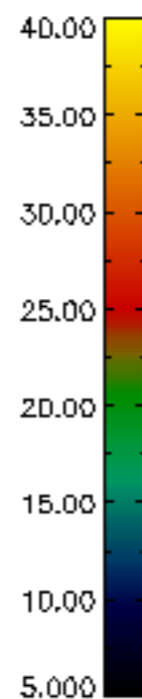
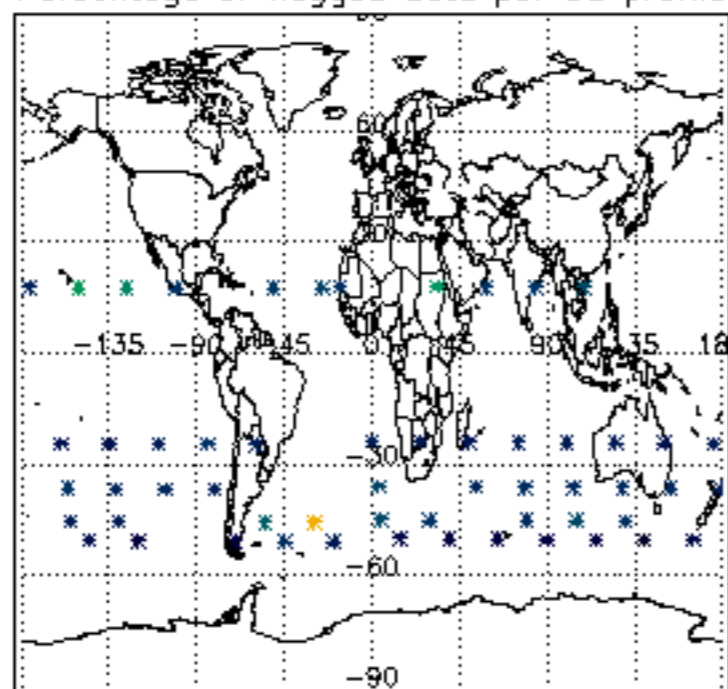
6. Auxiliary Data Files used for the production reported in section 2

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

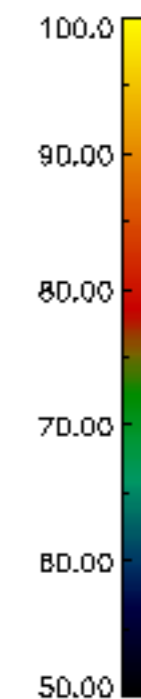
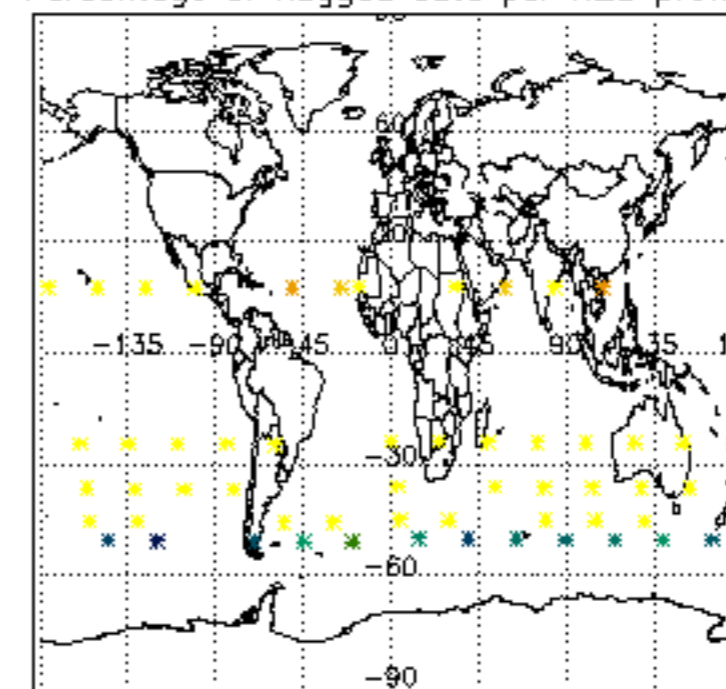
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	06-SEP-2011 00:17:58
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	06-SEP-2011 00:17:58
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	06-SEP-2011 00:17:58



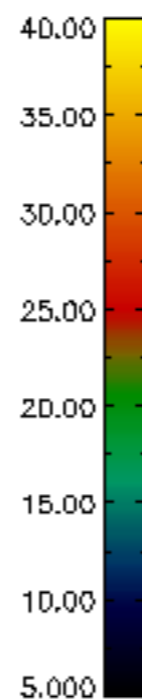
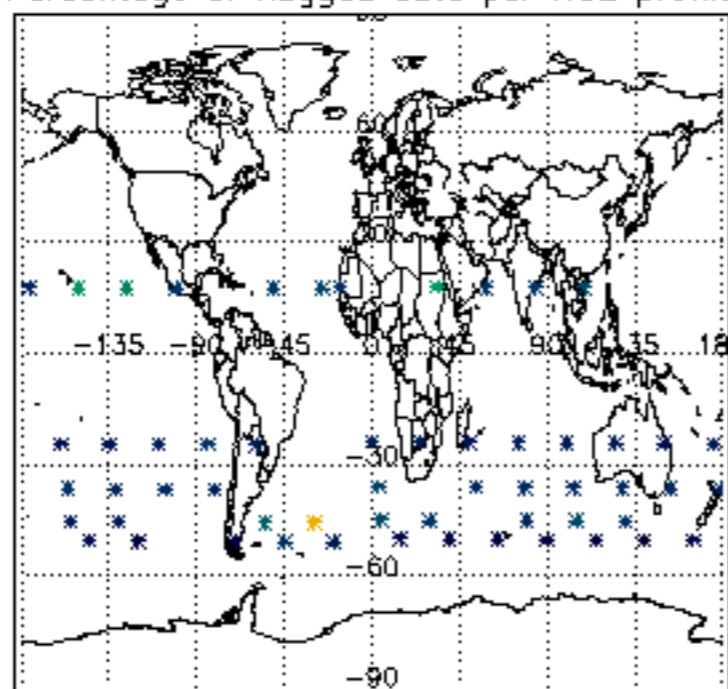
Percentage of flagged data per D3 profile



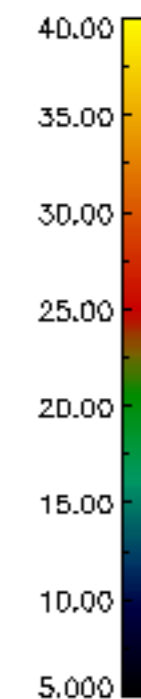
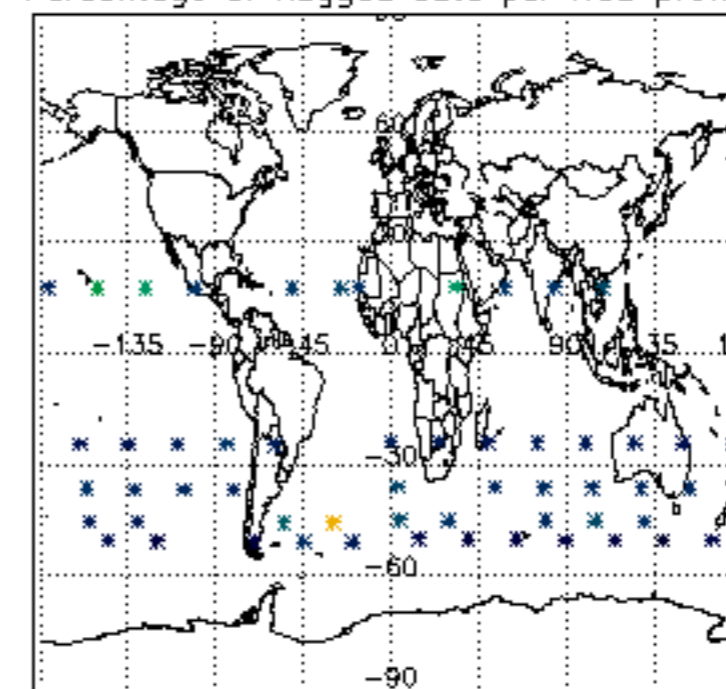
Percentage of flagged data per H2O profile

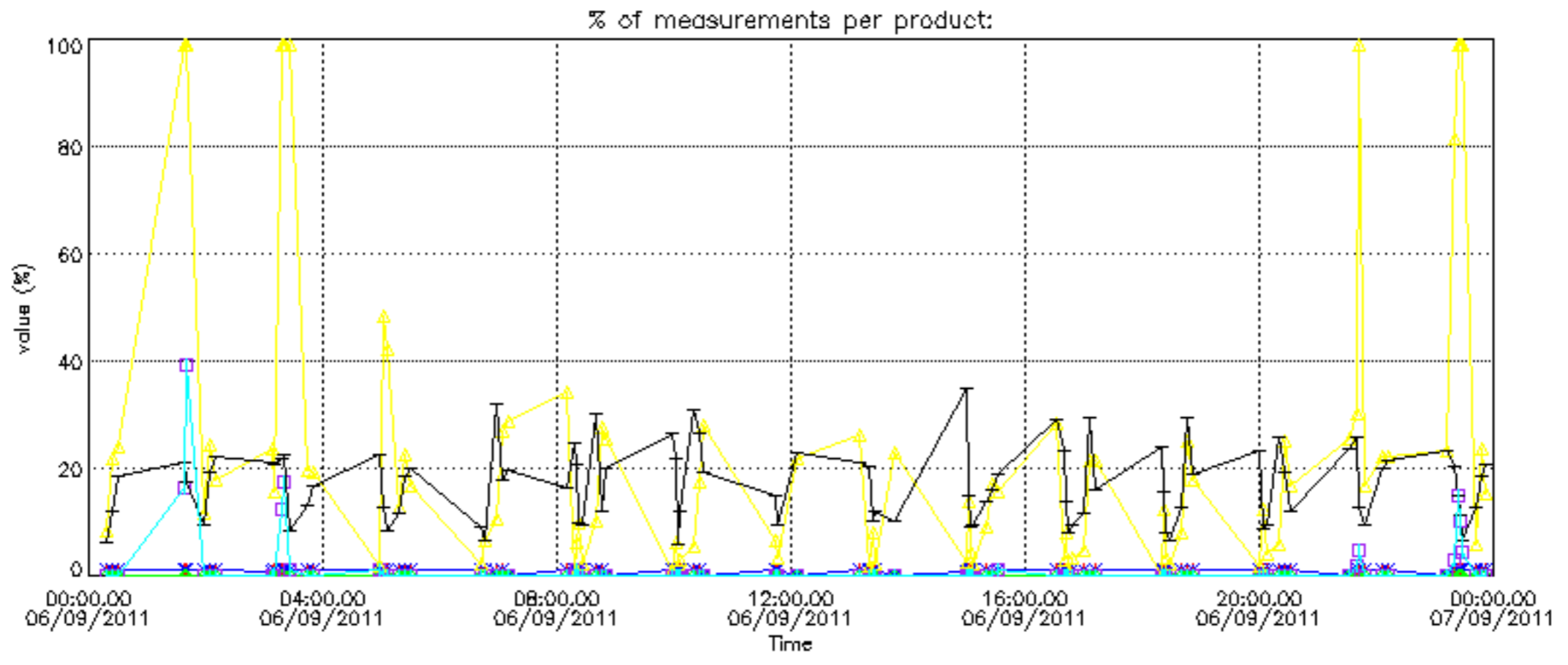


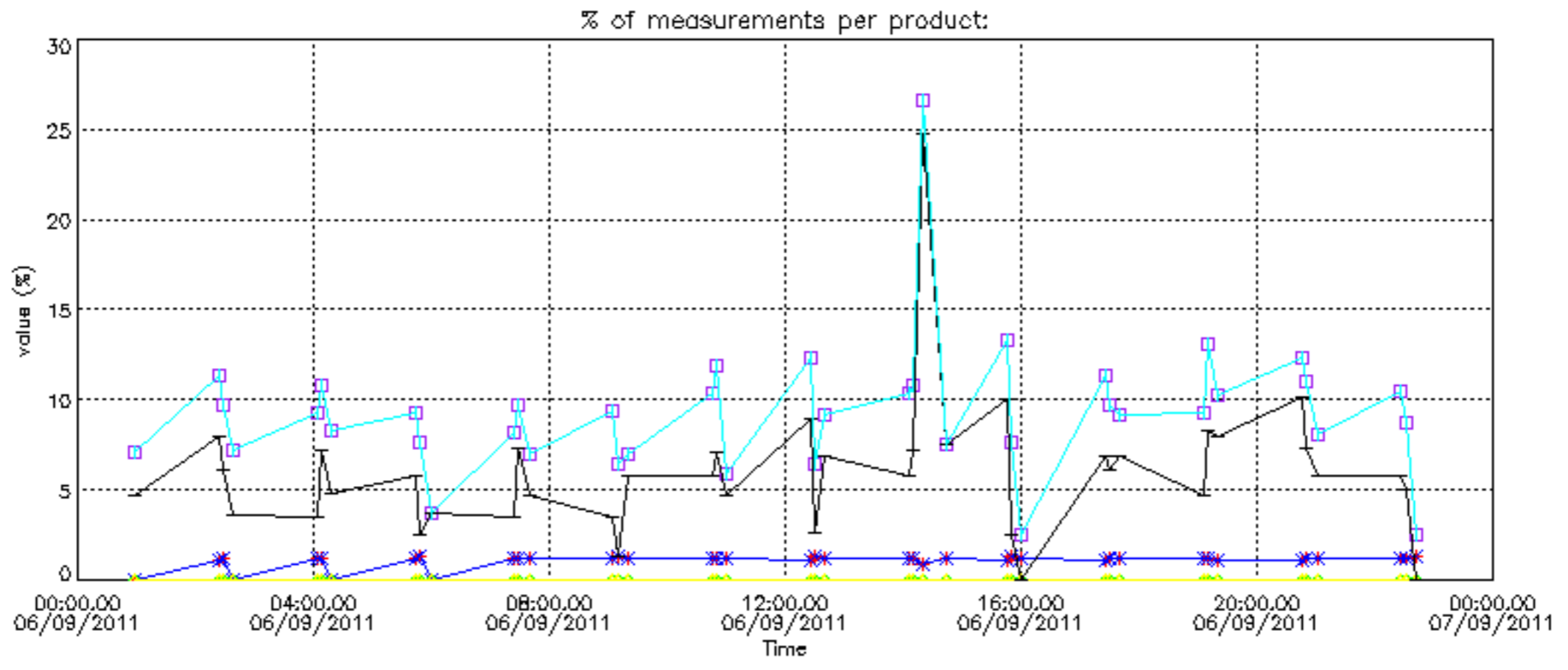
Percentage of flagged data per NO2 profile



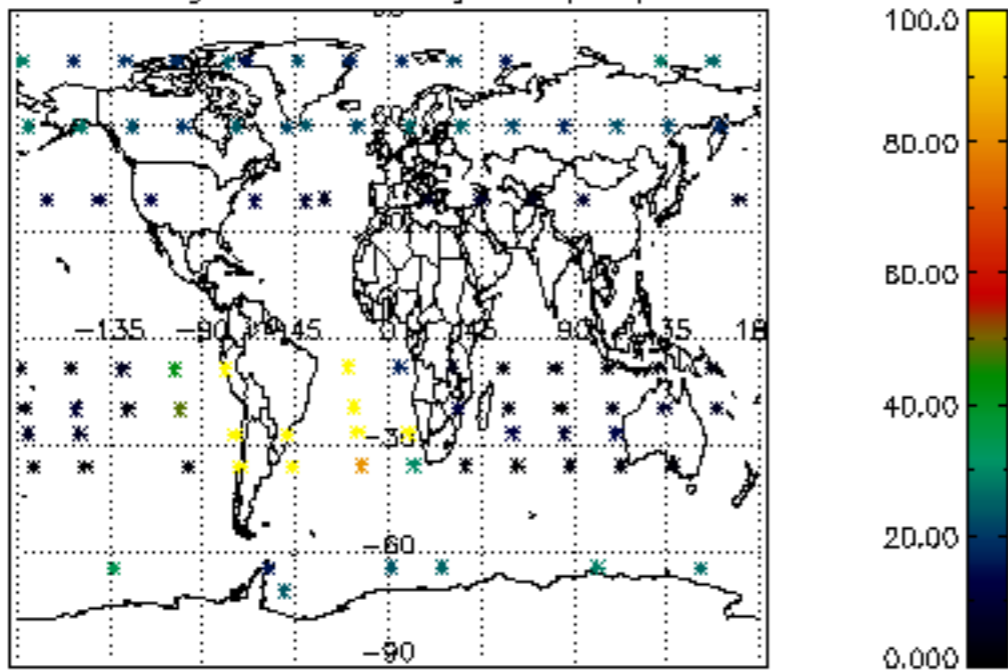
Percentage of flagged data per NO3 profile



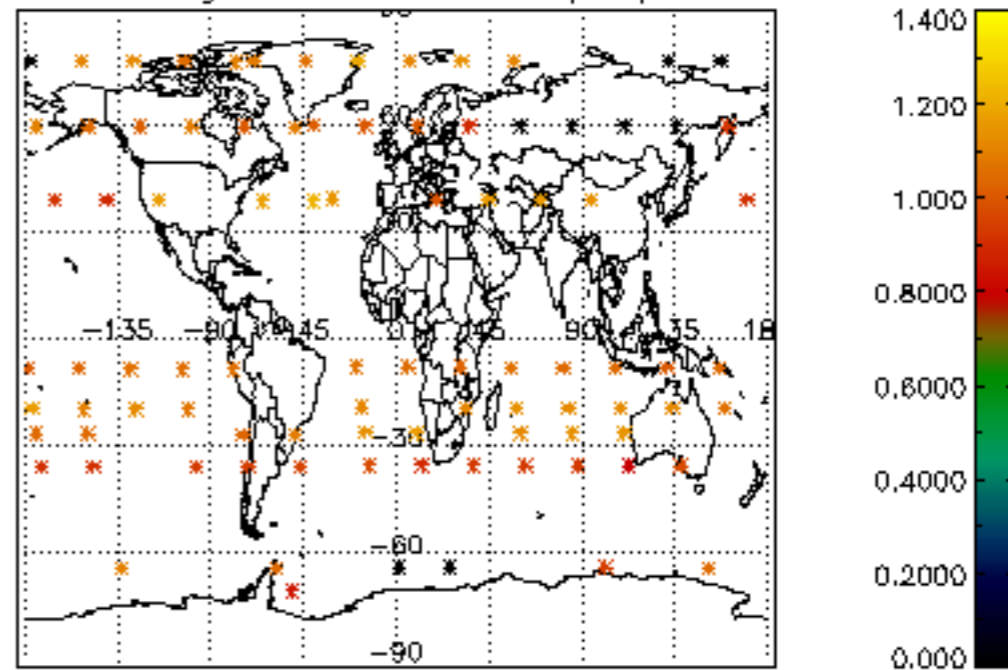




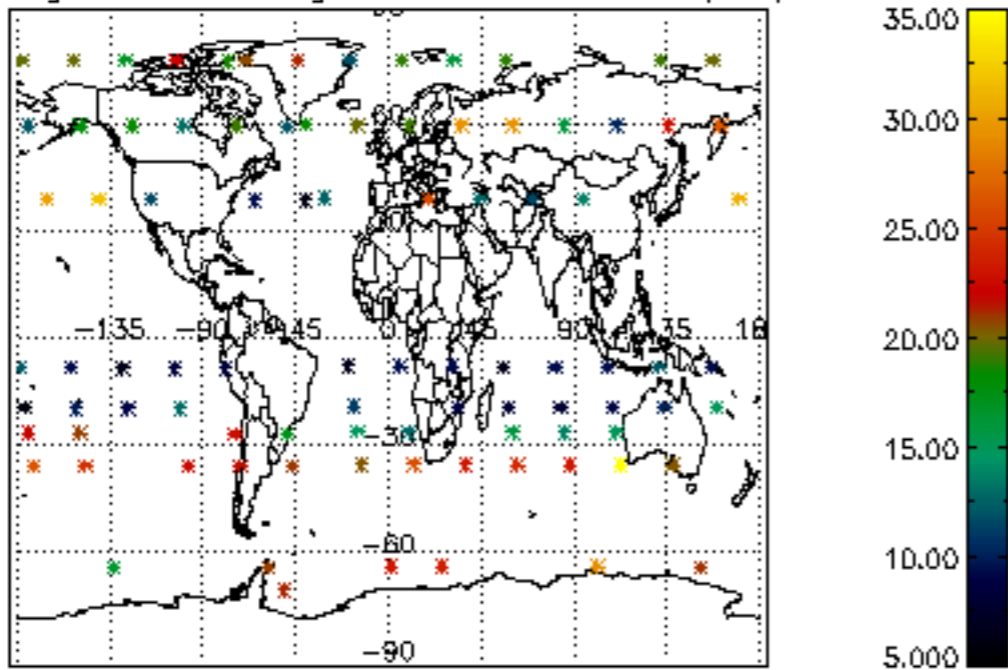
Percentage of cosmic ray hits per profile



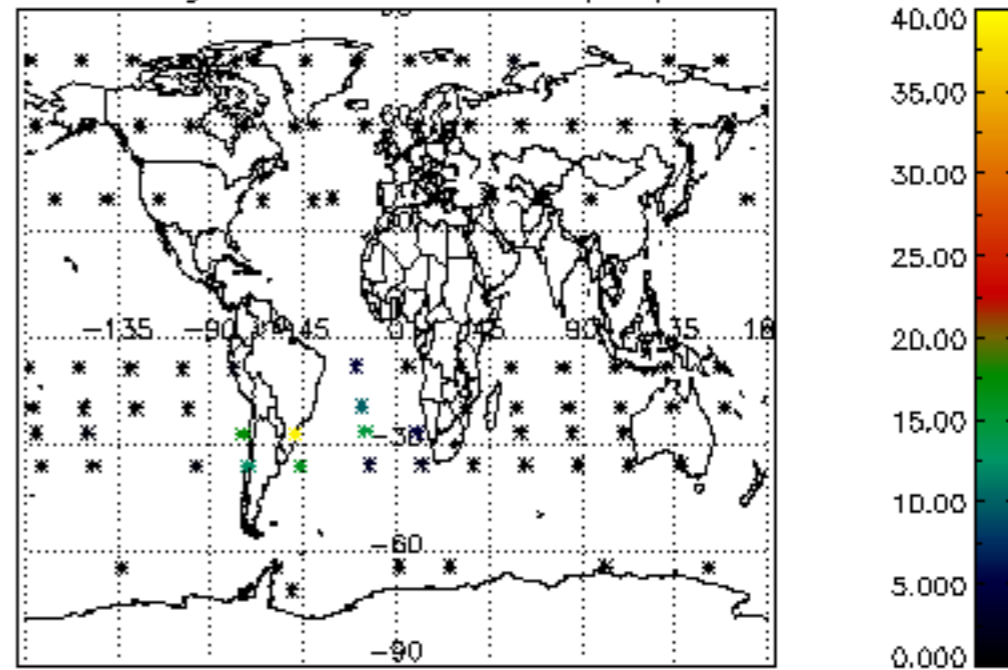
Percentage of datation errors per profile



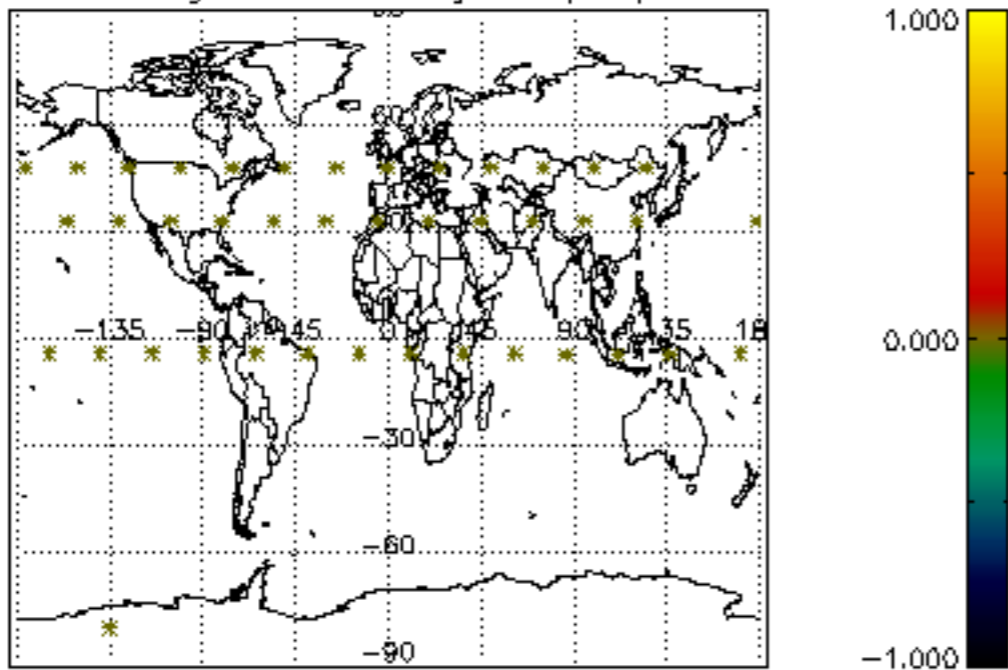
Percentage of star falling outside central band per profile



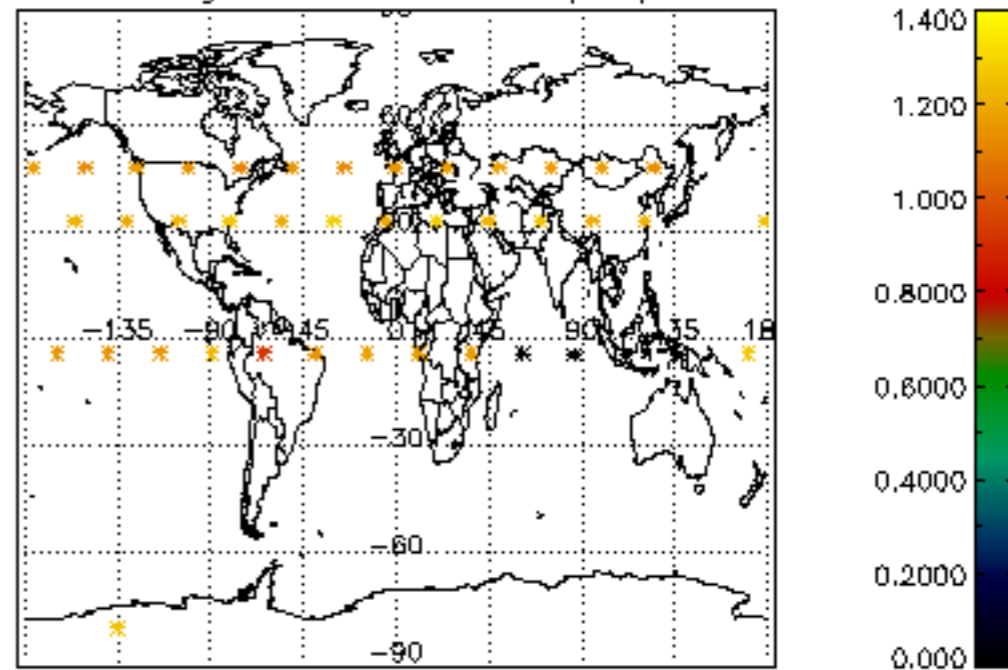
Percentage of saturation errors per profile



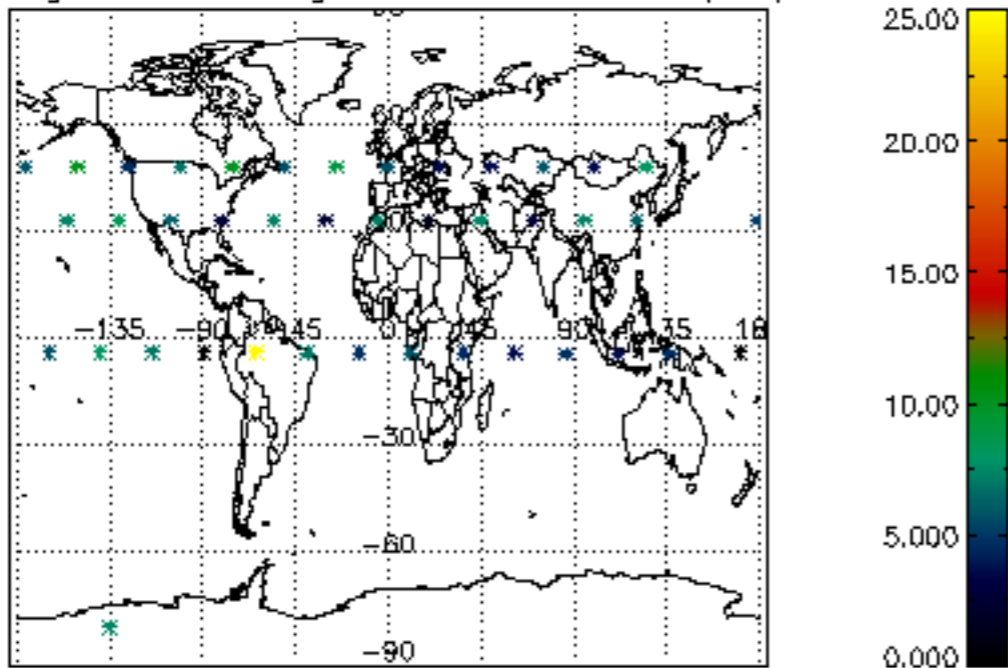
Percentage of cosmic ray hits per profile



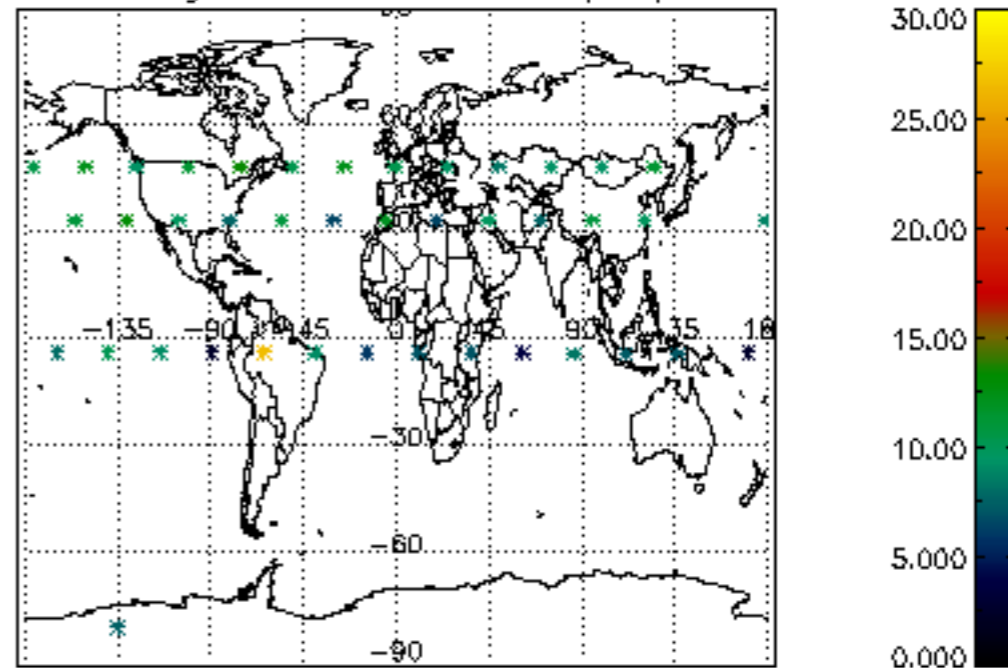
Percentage of datation errors per profile

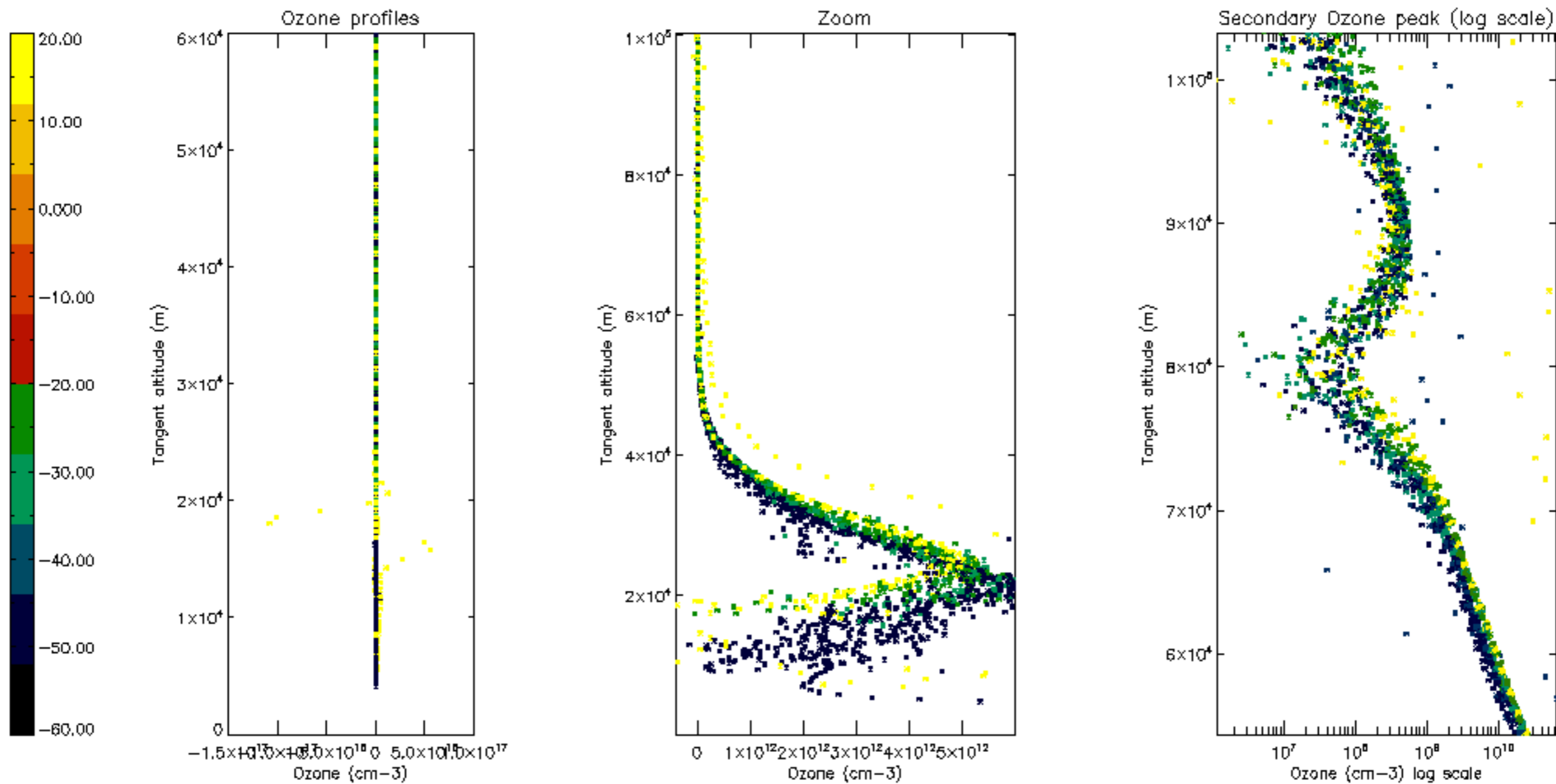


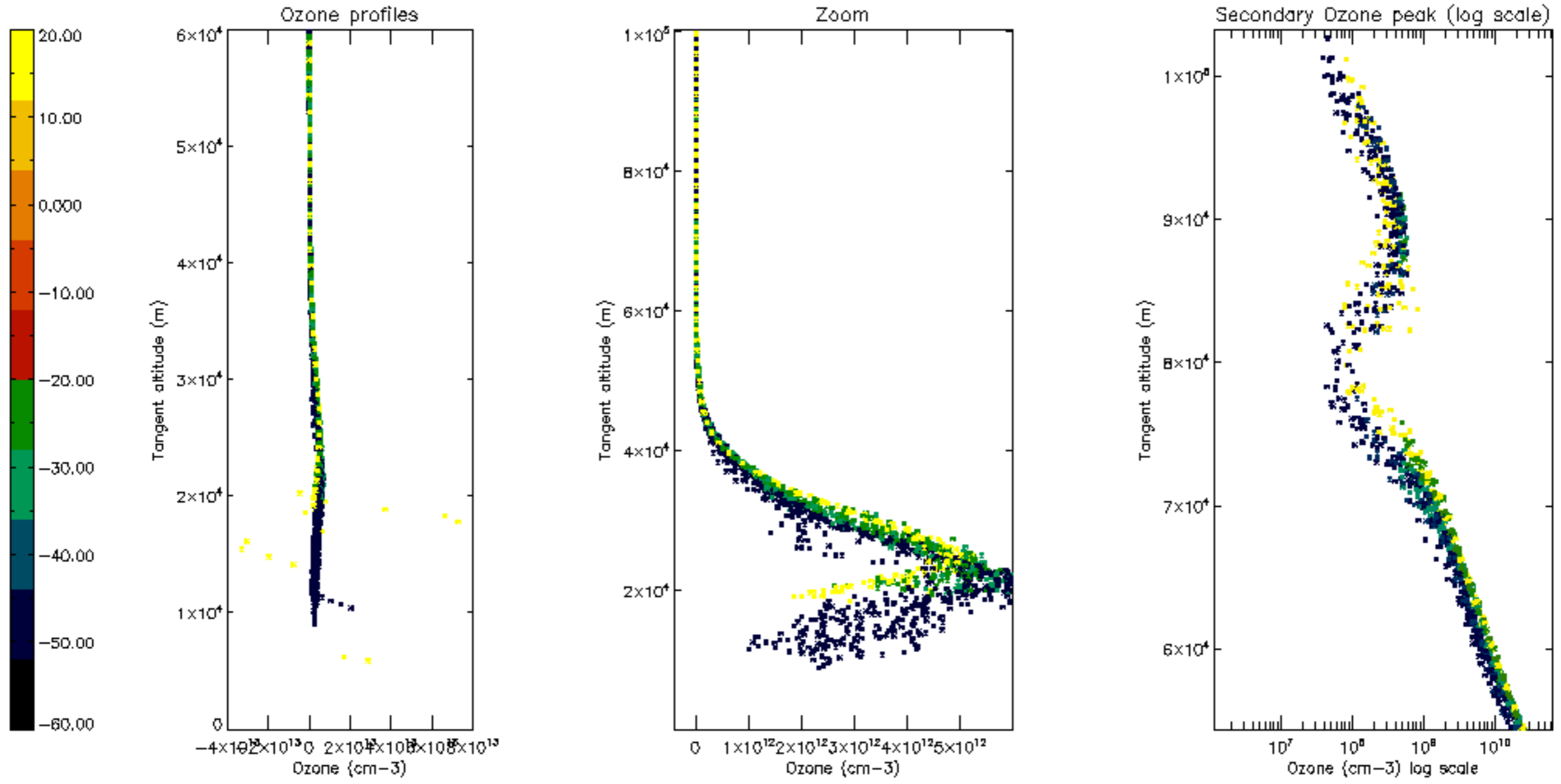
Percentage of star falling outside central band per profile

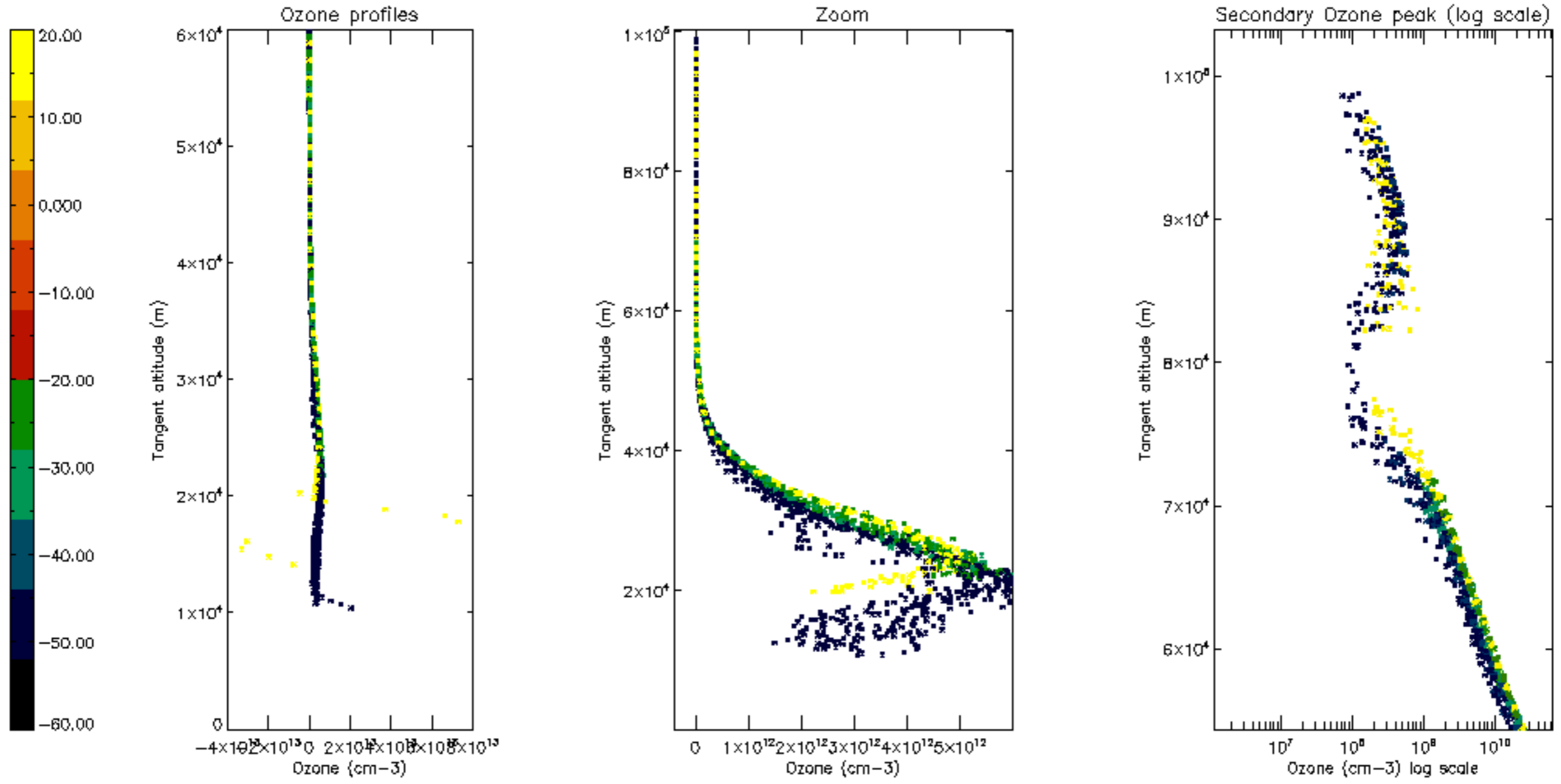


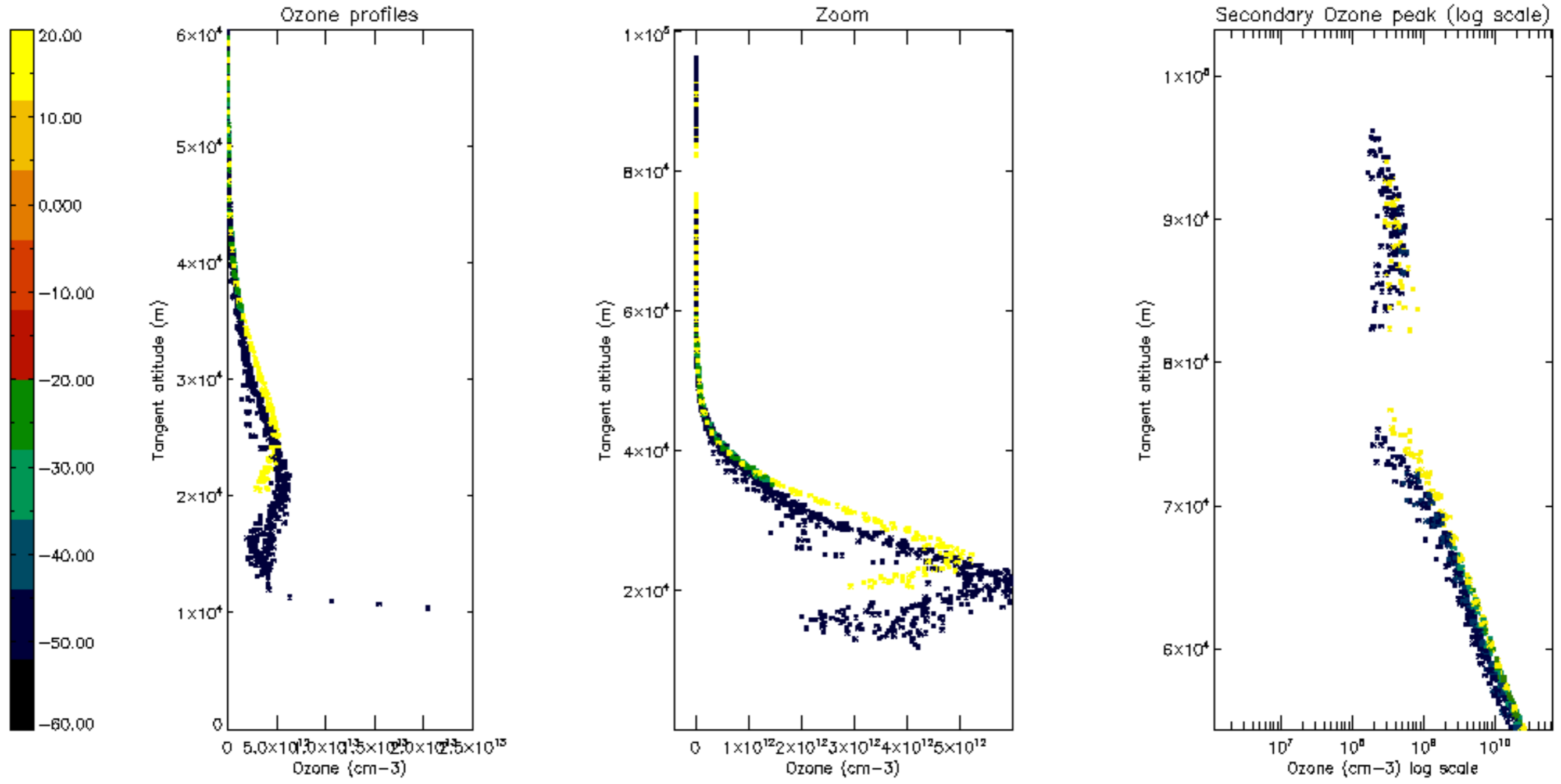
Percentage of saturation errors per profile

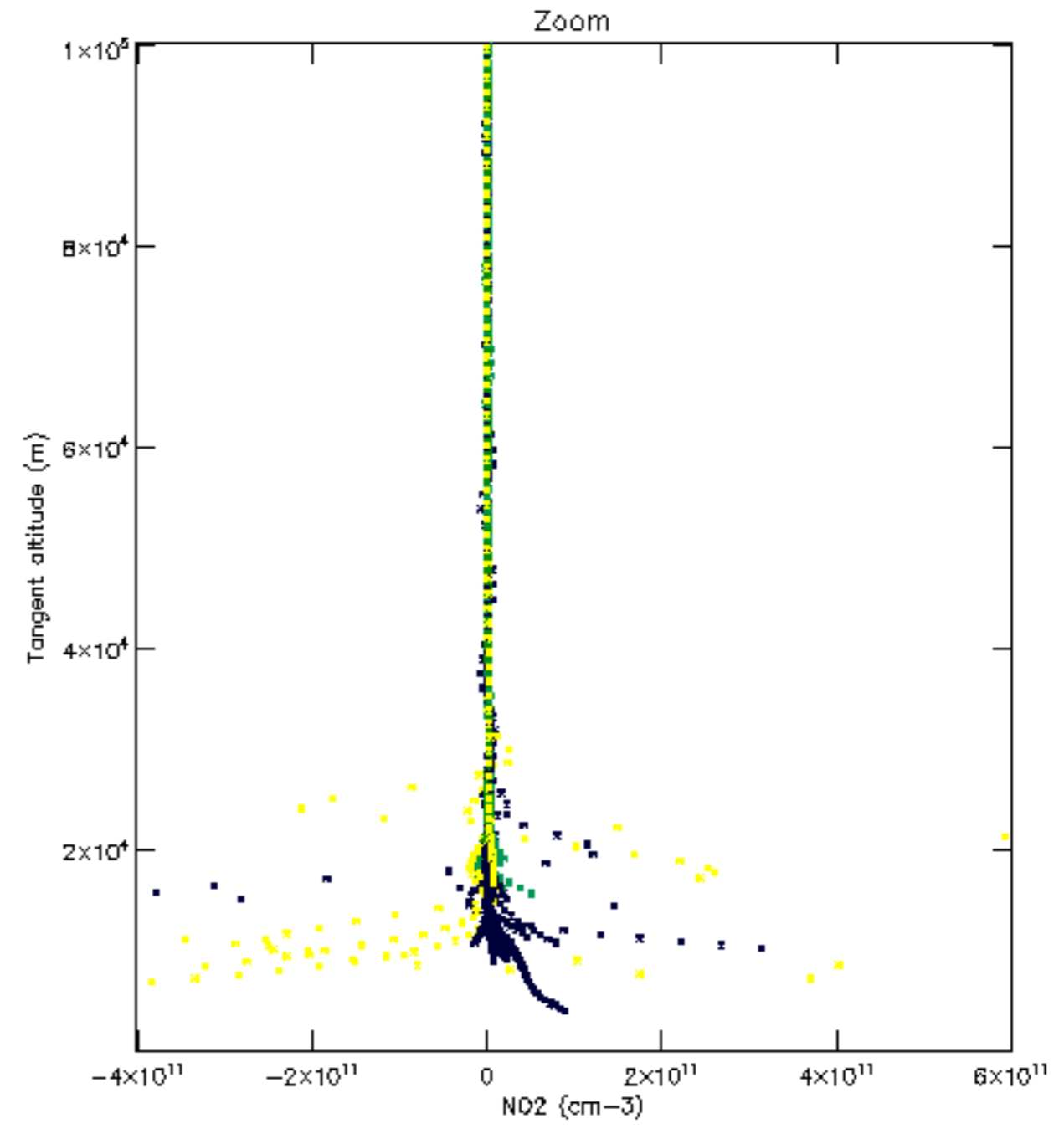
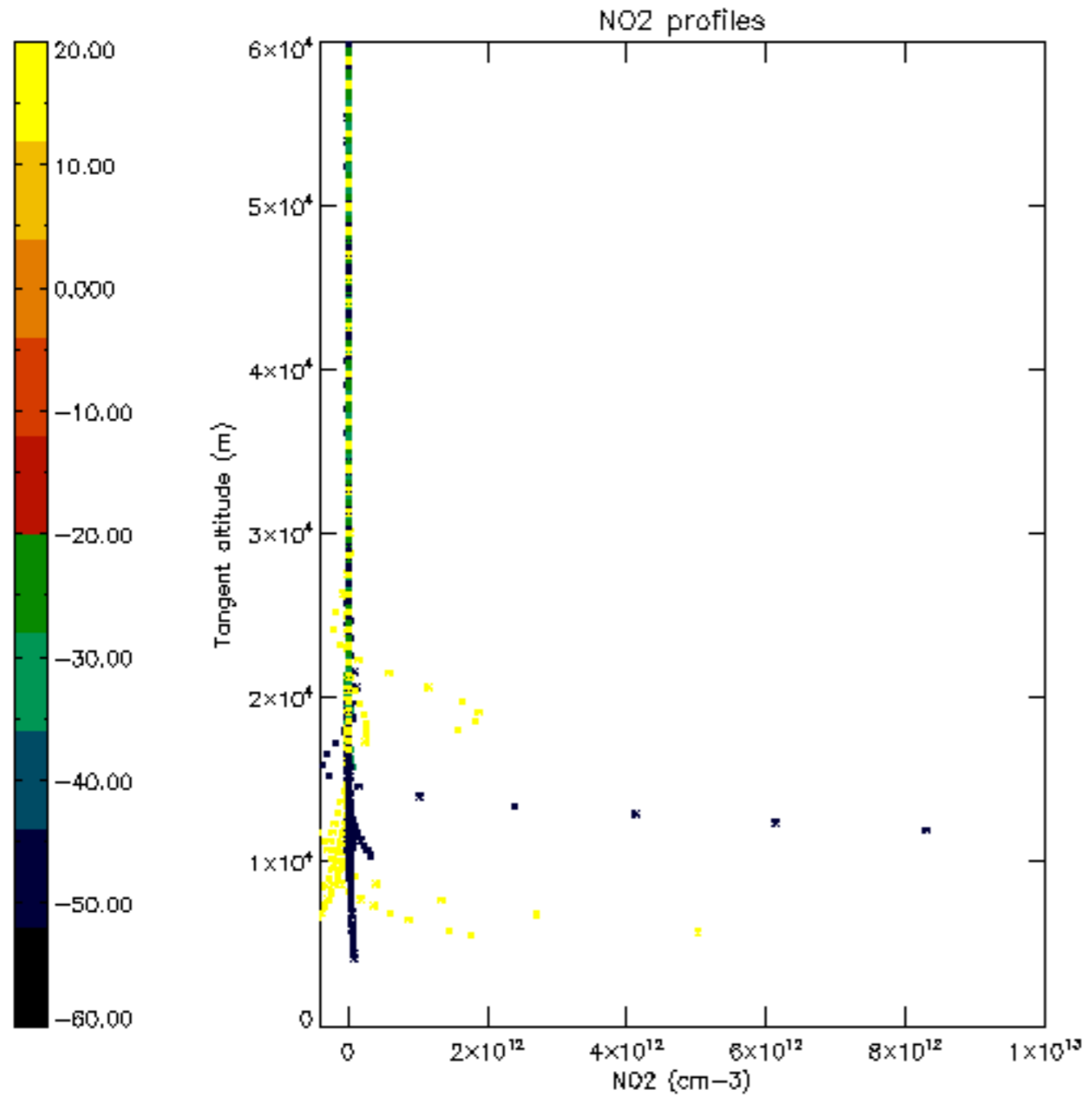


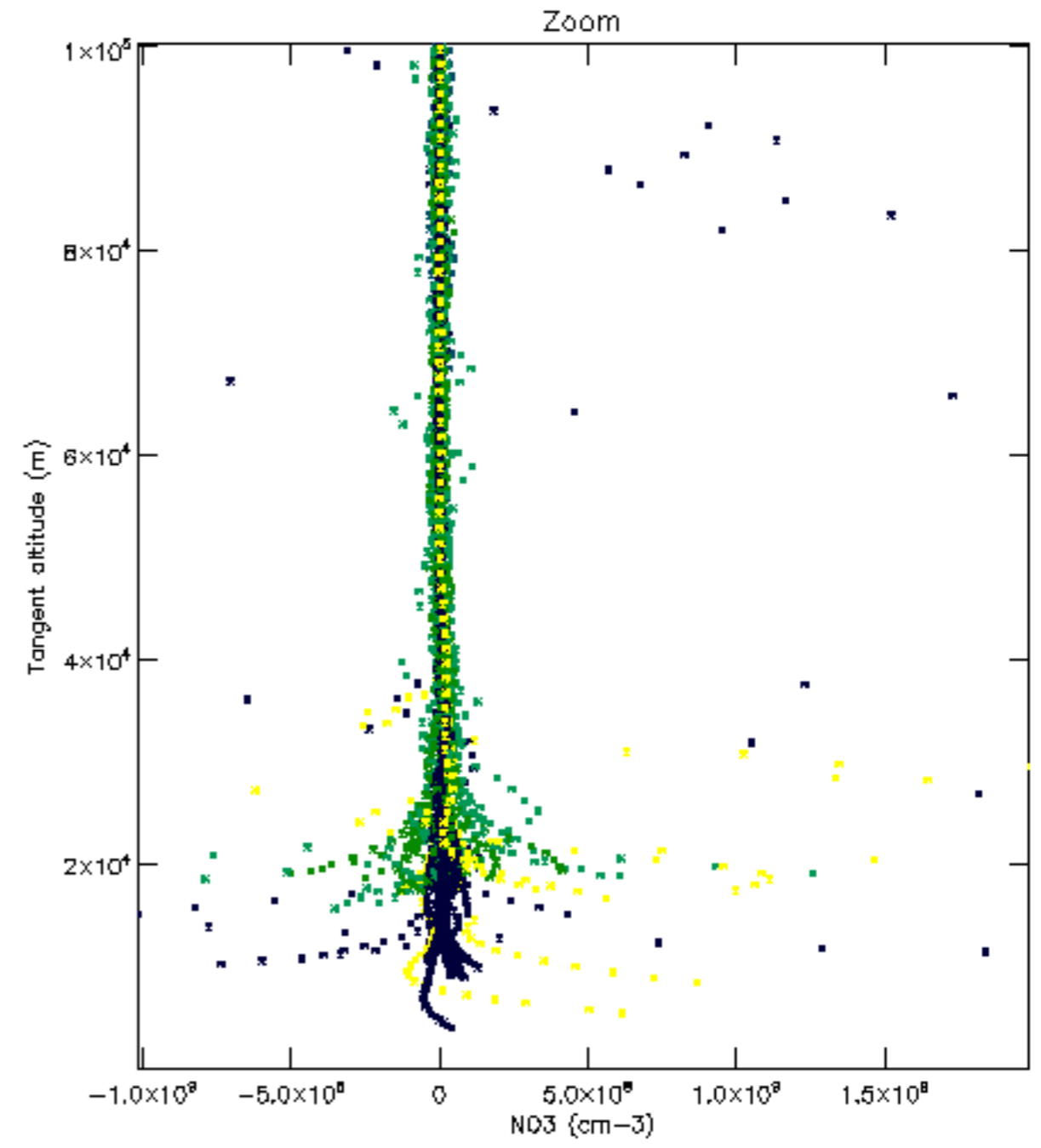
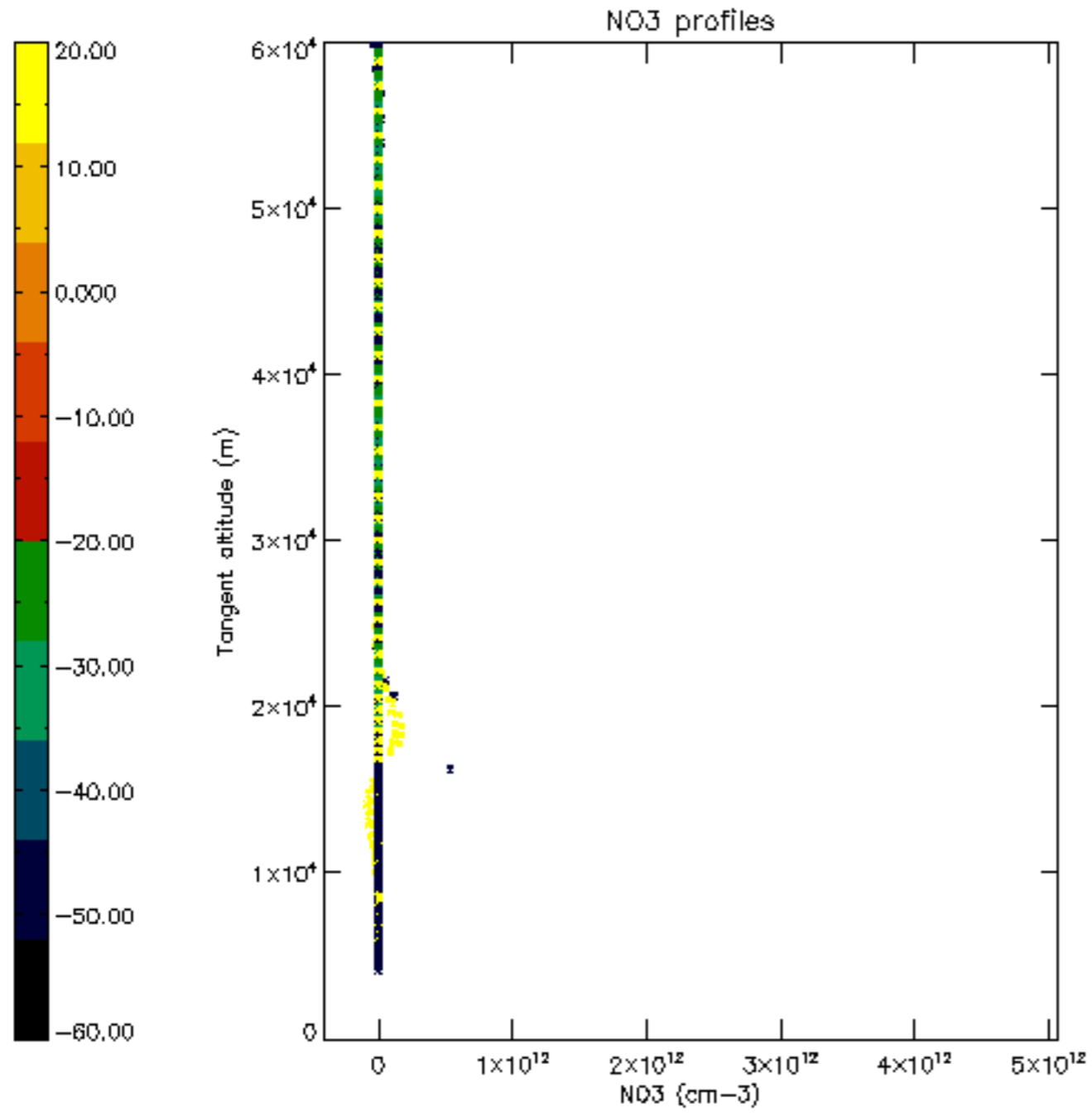


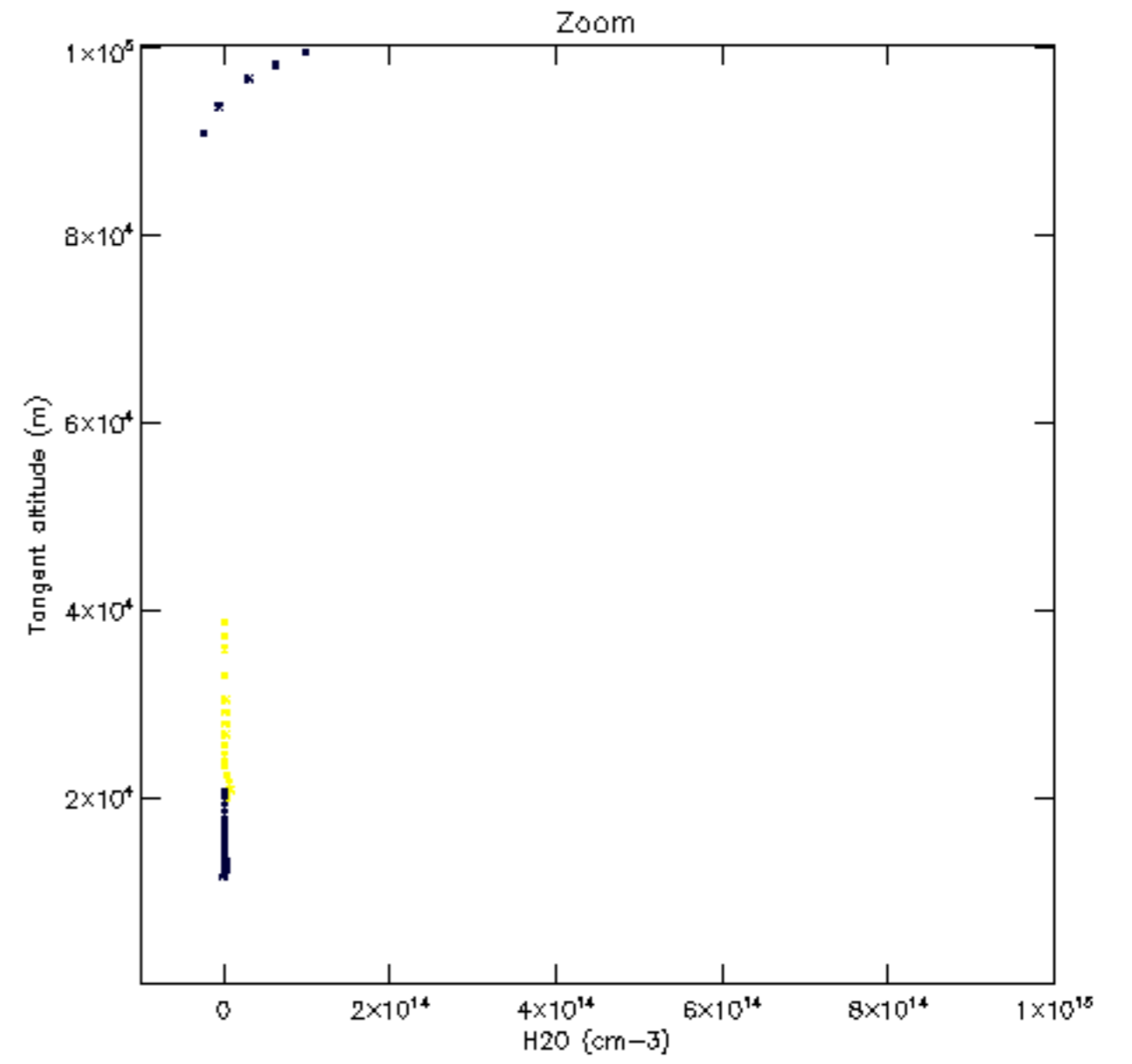
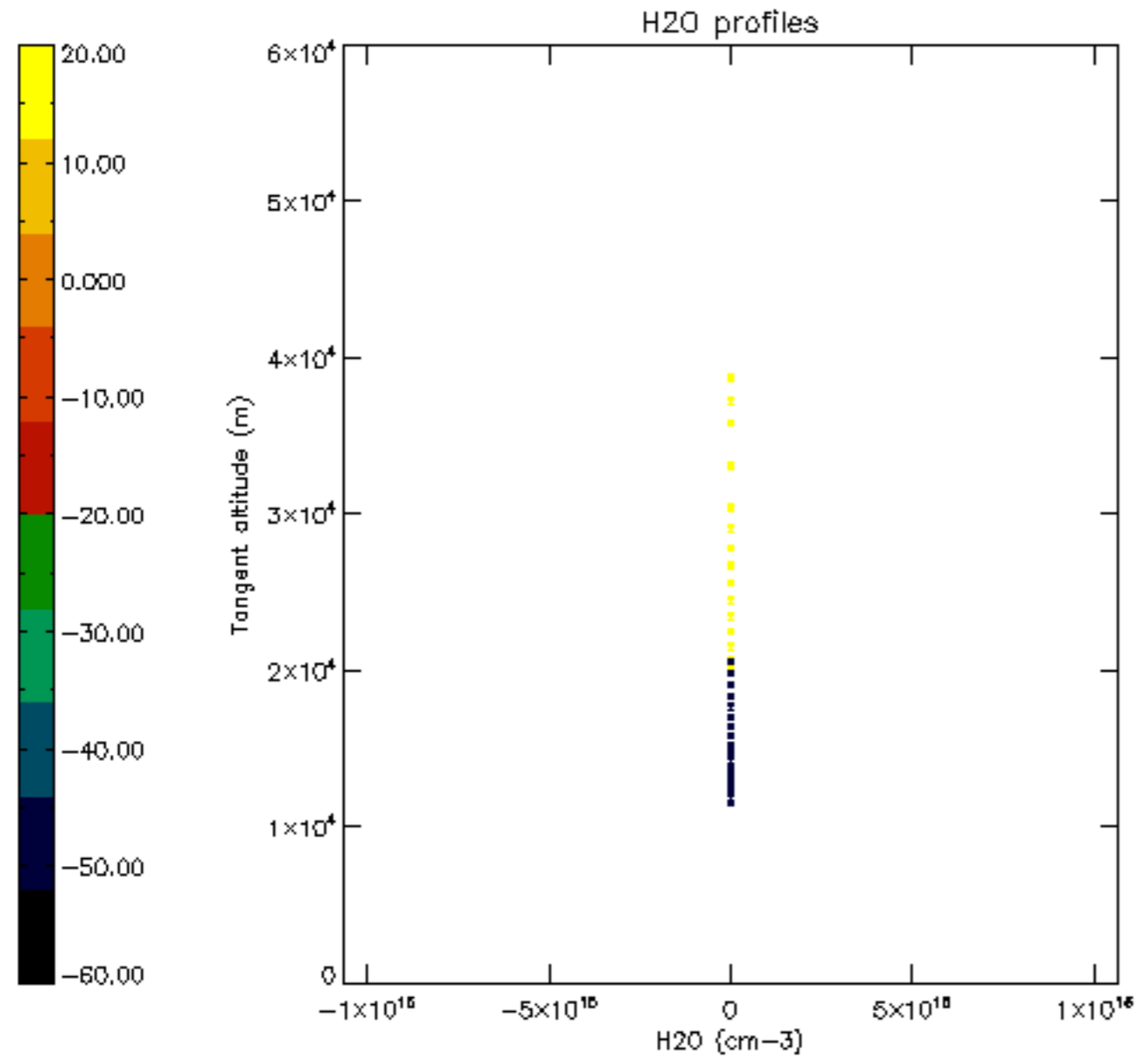


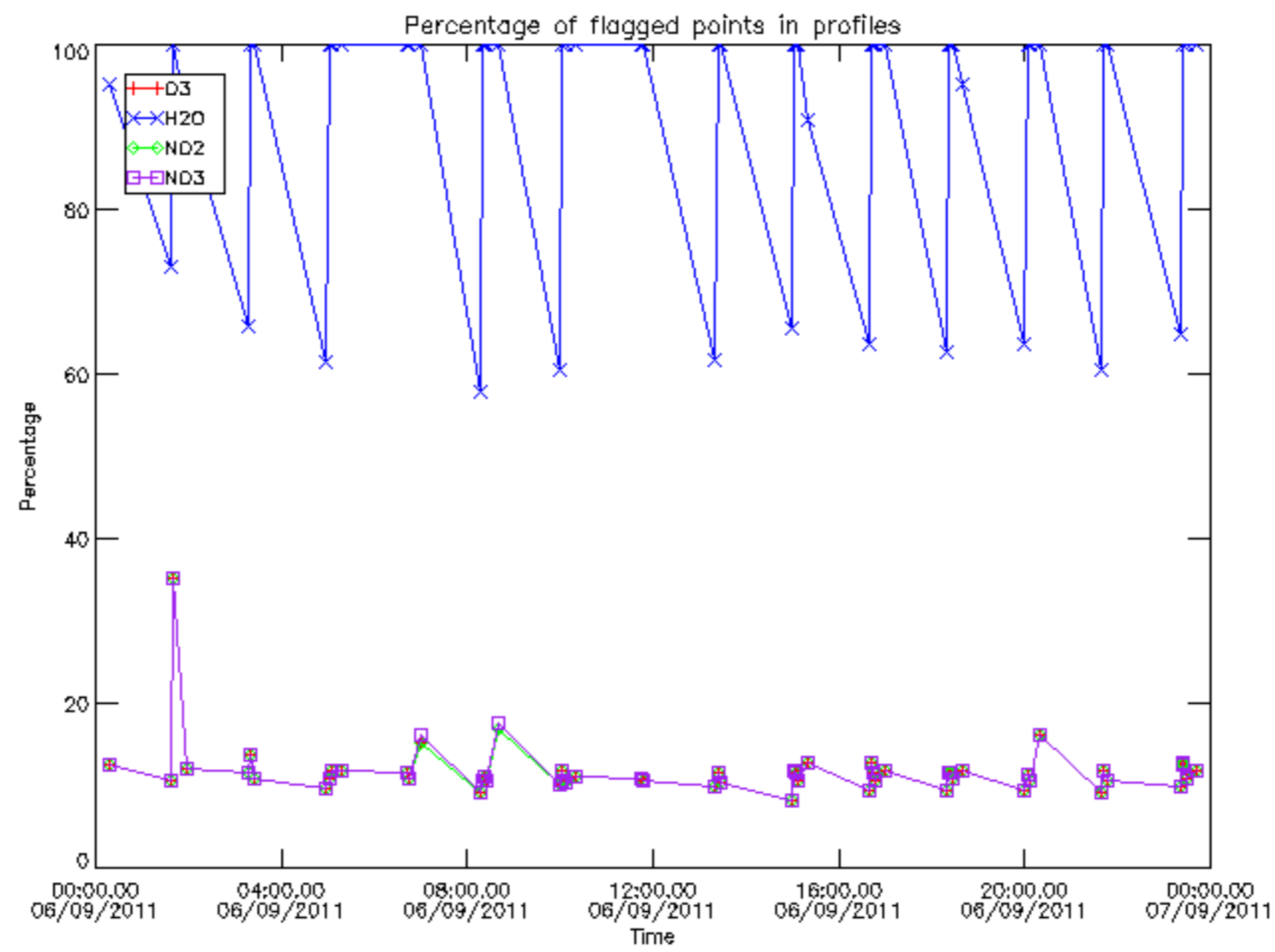




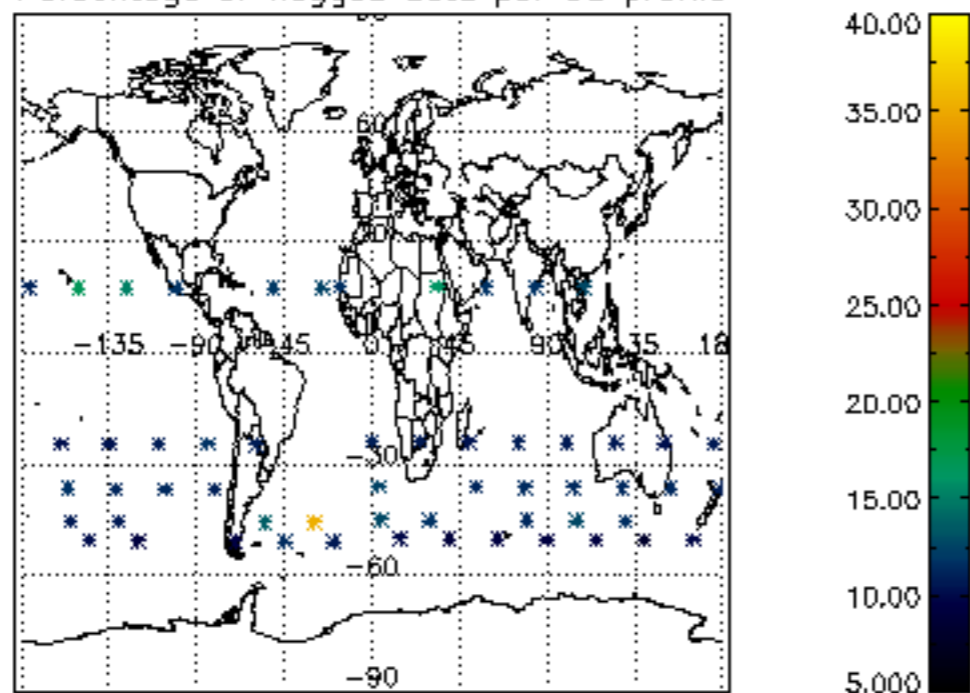




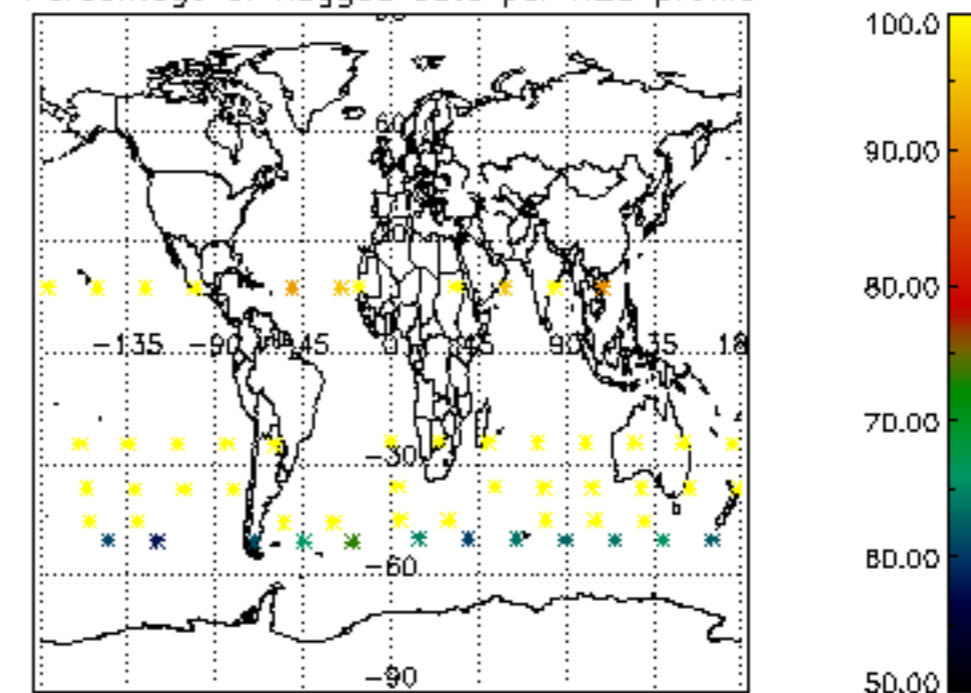




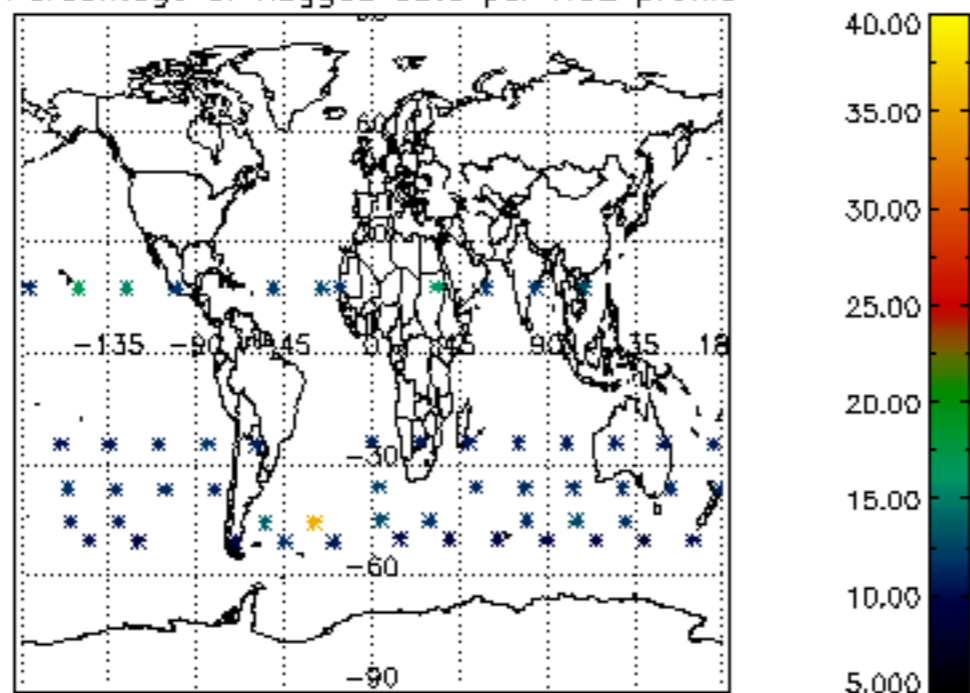
Percentage of flagged data per D3 profile



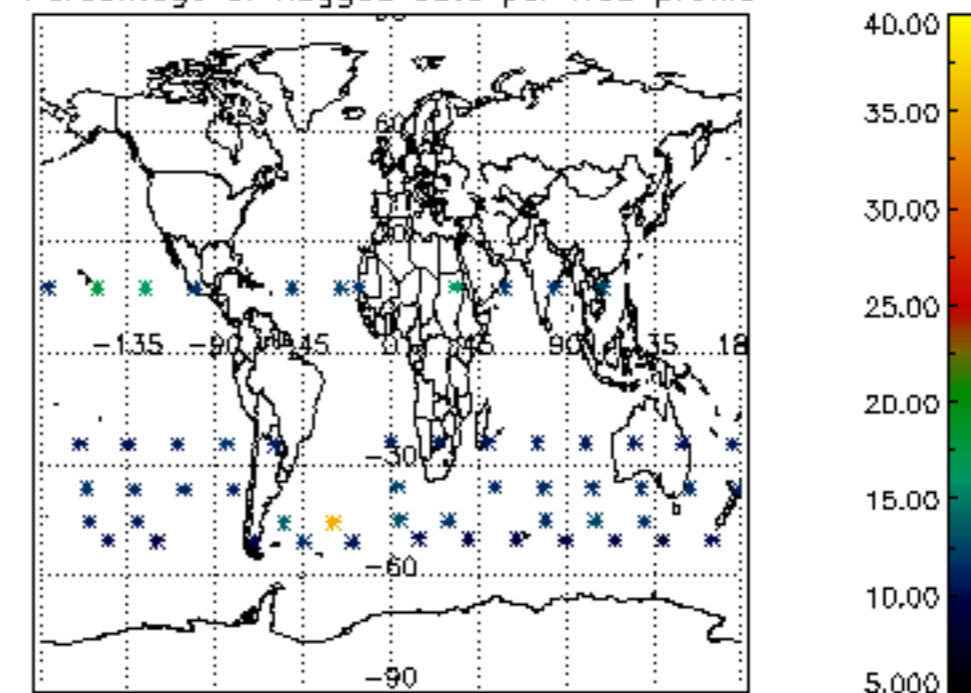
Percentage of flagged data per H2O profile

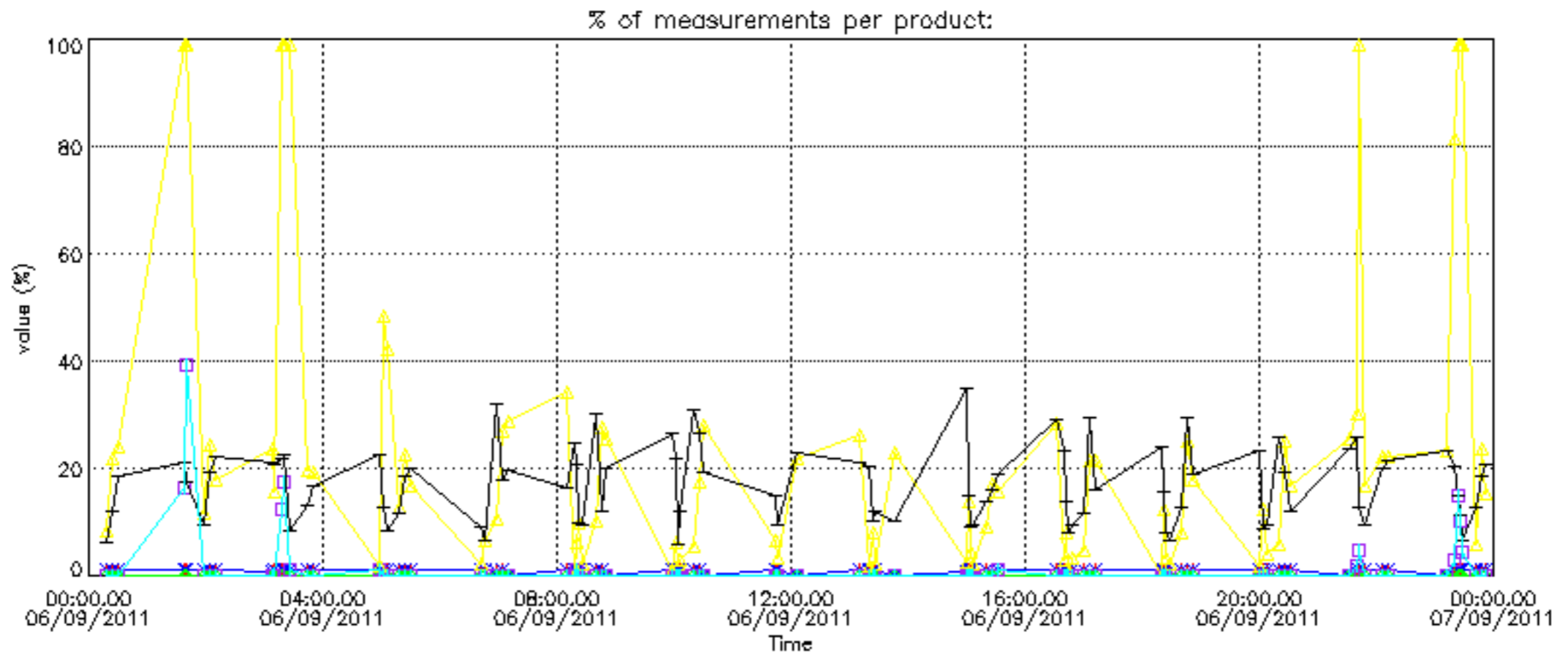


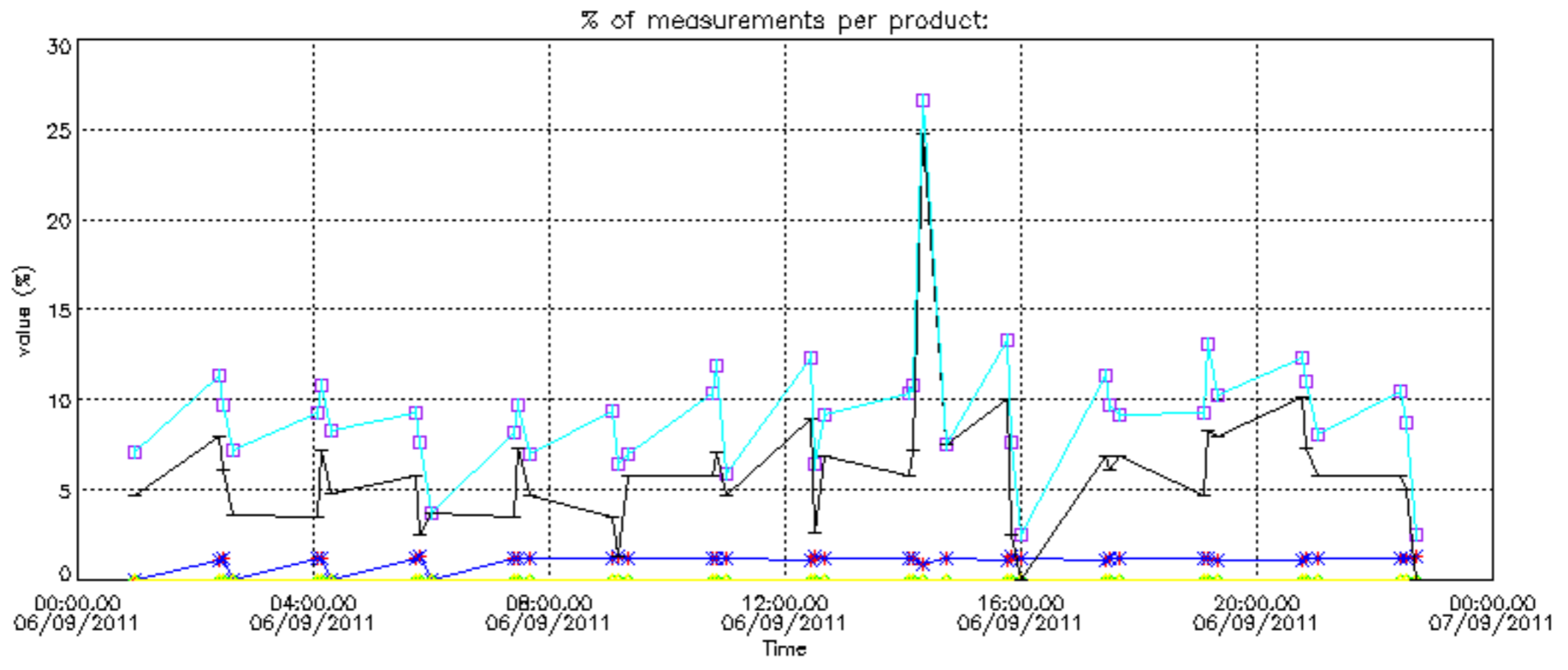
Percentage of flagged data per NO2 profile



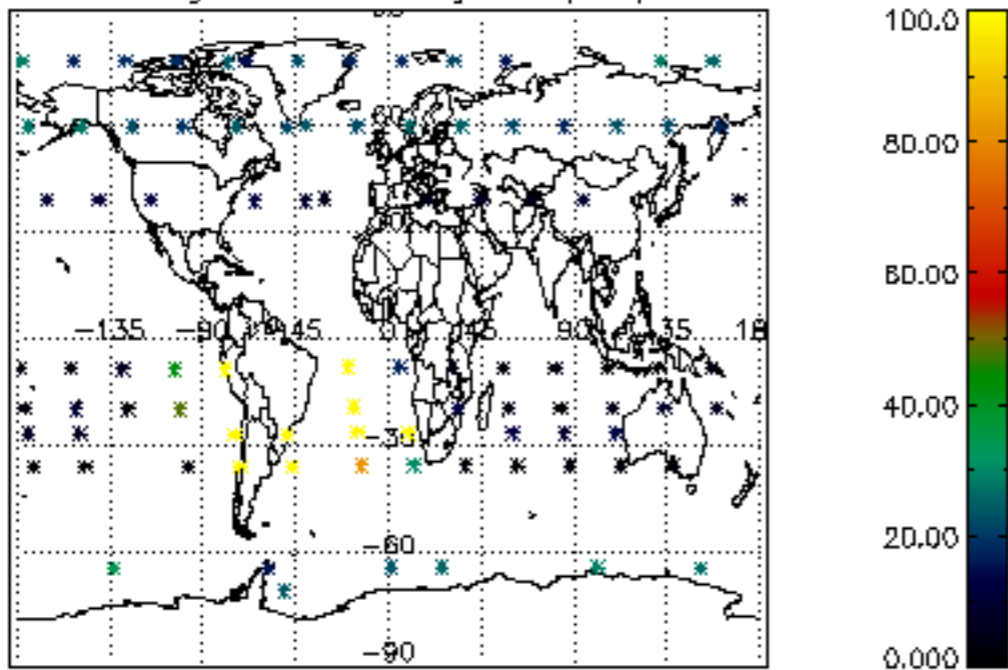
Percentage of flagged data per NO3 profile



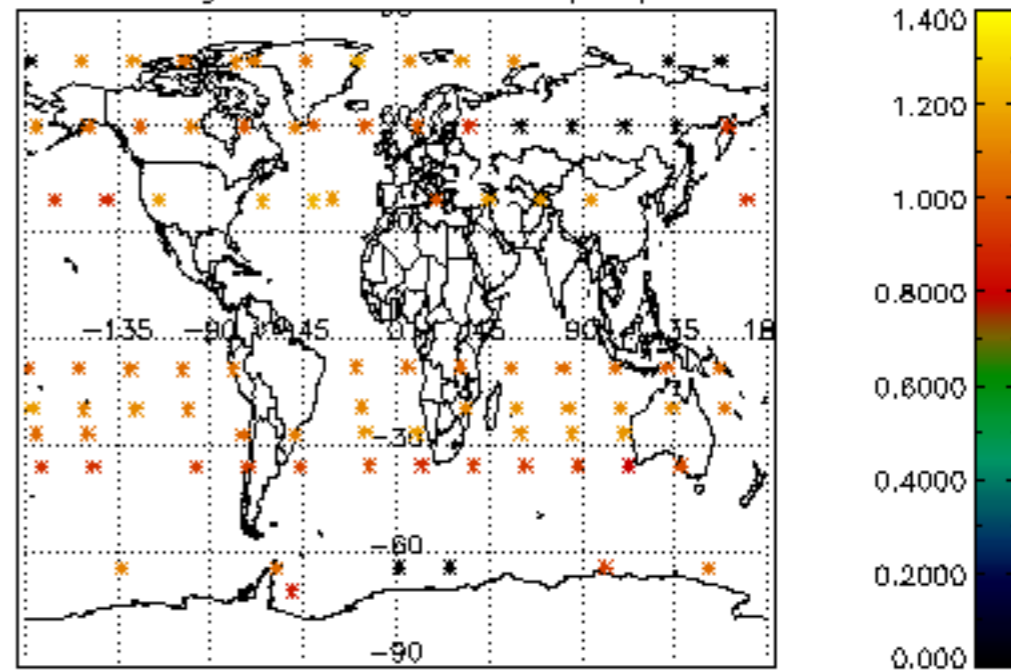




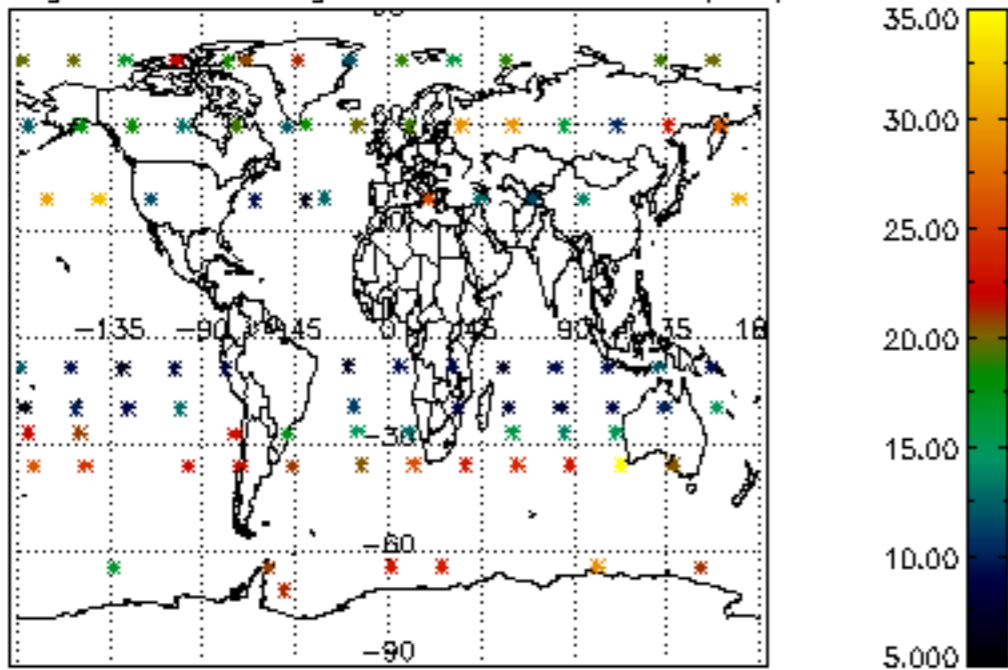
Percentage of cosmic ray hits per profile



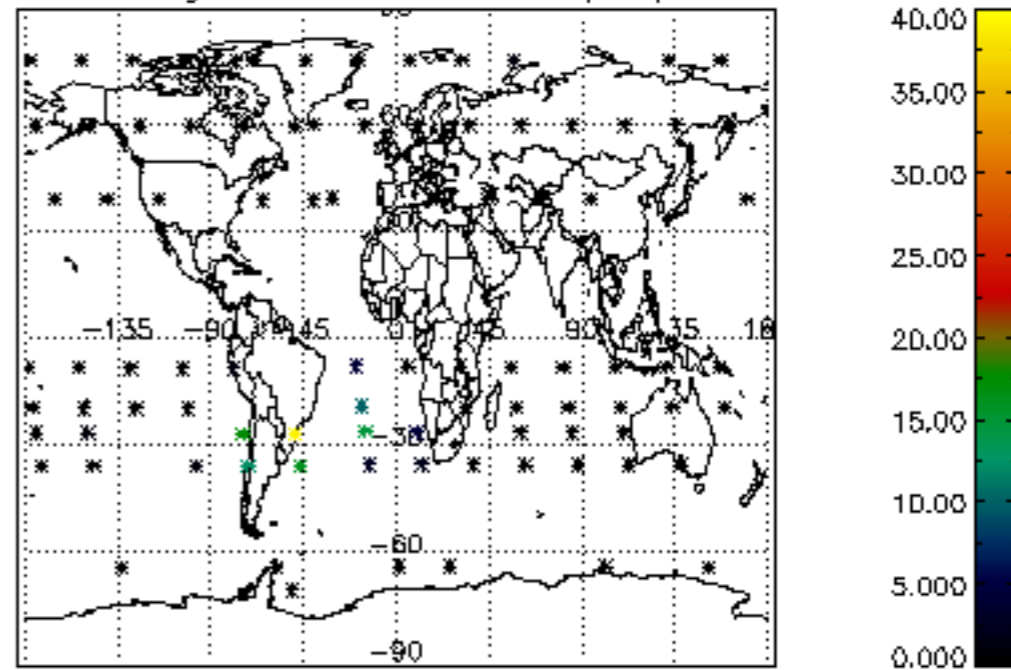
Percentage of datation errors per profile



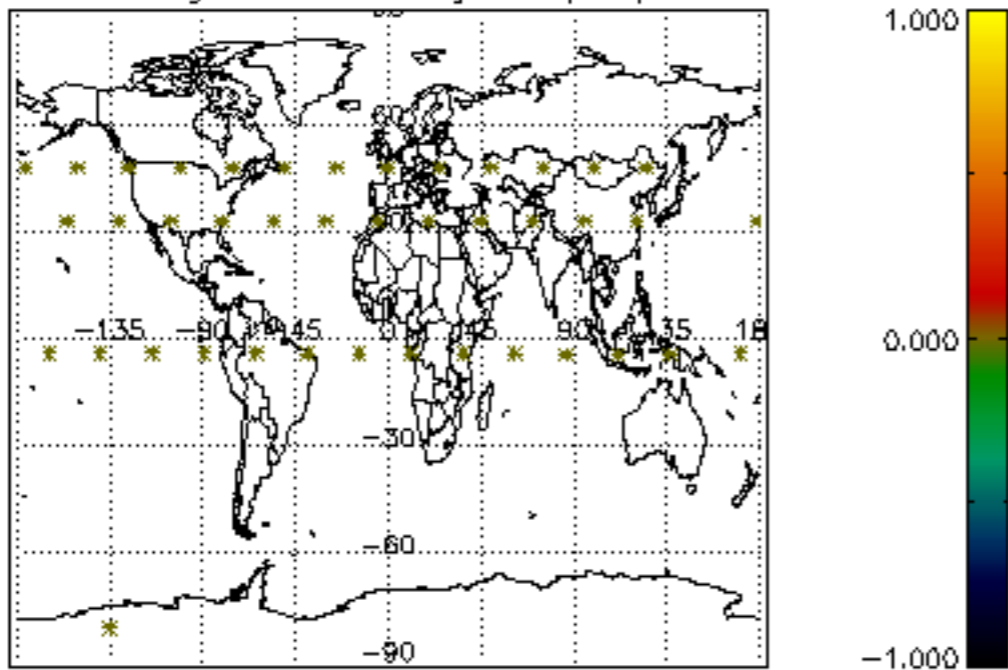
Percentage of star falling outside central band per profile



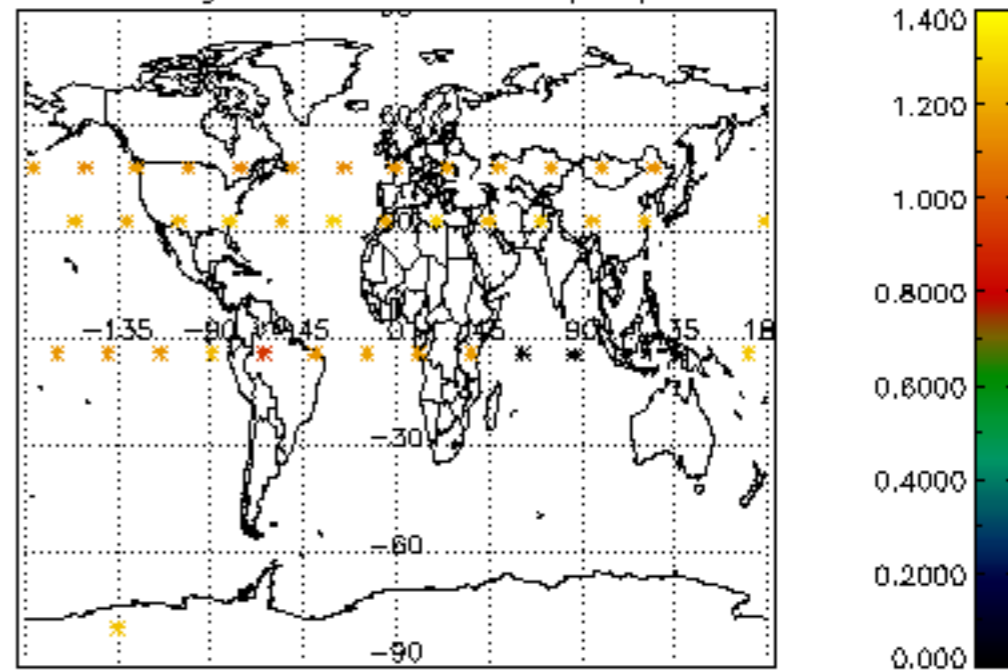
Percentage of saturation errors per profile



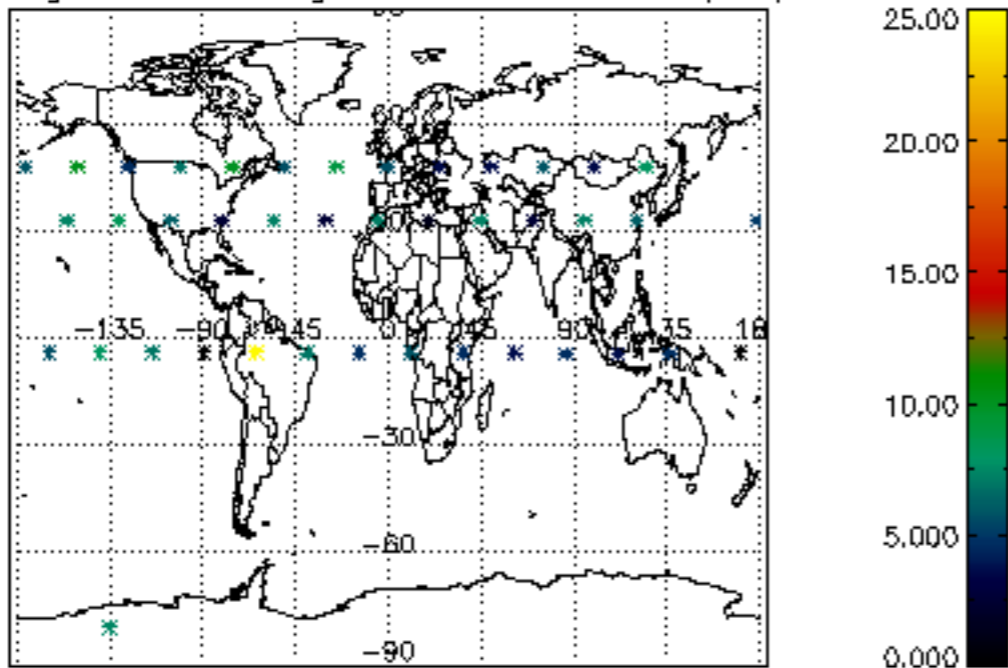
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

