

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 12:16:02
Data source version	GOMOS/6.01
Start time of products	28-08-2009 (28AUG2009 00:00:00)
Stop time of products	29-08-2009 (29AUG2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	230
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__2PRFIN20090828_000116_000000502082_00045_39177_1595.N1	28-AUG-2009 00:01:16	Straylight	50.000	84	Alp Phe	2.3970	4500.0	100	39177	No
2	GOM_NL__2PRFIN20090828_000743_000000472082_00045_39177_1596.N1	28-AUG-2009 00:07:43	Straylight	47.000	18	24Alp PsA	1.1660	9700.0	94	39177	No
3	GOM_NL__2PRFIN20090828_001728_000000402082_00045_39177_1597.N1	28-AUG-2009 00:17:28	Bright	39.500	162	34Alp Aqr	2.9440	5350.0	79	39177	No
4	GOM_NL__2PRFIN20090828_002354_000000322082_00045_39177_1598.N1	28-AUG-2009 00:23:54	Twilight	32.000	90	54Alp Peg	2.4870	11000.0	64	39177	No
5	GOM_NL__2PRFIN20090828_002802_000000442082_00045_39177_1599.N1	28-AUG-2009 00:28:02	Bright	44.000	164	44Eta Peg	2.9480	5400.0	88	39177	No
6	GOM_NL__2PRFIN20090828_003850_000000422082_00045_39177_1600.N1	28-AUG-2009 00:38:50	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	39177	No
7	GOM_NL__2PRFIN20090828_004102_000000472082_00045_39177_1601.N1	28-AUG-2009 00:41:02	Bright	47.000	76	27Gam Cas	2.3000	30000.0	94	39177	No
8	GOM_NL__2PRFIN20090828_005519_000000552082_00045_39177_1602.N1	28-AUG-2009 00:55:19	Bright	55.000	6	13Alp Aur	0.080000	3400.0	110	39177	No
9	GOM_NL__2PRFIN20090828_005846_000000452082_00045_39177_1603.N1	28-AUG-2009 00:58:46	Bright	44.500	107	37The Aur	2.6490	11000.0	89	39177	No
10	GOM_NL__2PRFIN20090828_010221_000000552082_00045_39177_1604.N1	28-AUG-2009 01:02:21	Twilight	55.000	28	12Bet Tau	1.6500	15200.0	110	39177	No
11	GOM_NL__2PRFIN20090828_010521_000000492082_00045_39177_1605.N1	28-AUG-2009 01:05:21	Twilight	48.500	44	24Gam Gem	1.9280	11000.0	97	39177	No
12	GOM_NL__2PRFIN20090828_010935_000000662082_00045_39177_1606.N1	28-AUG-2009 01:09:35	Dark	65.500	14	58Alp Ori	0.870000	3000.0	131	39177	No
13	GOM_NL__2PRFIN20090828_011326_000000622082_00045_39177_1607.N1	28-AUG-2009 01:13:26	Dark	62.000	30	46Eps Ori	1.6940	30000.0	124	39177	No
14	GOM_NL__2PRFIN20090828_011521_000000552082_00045_39177_1608.N1	28-AUG-2009 01:15:21	Dark	54.500	56	53Kap Ori	2.0650	30000.0	109	39177	No
15	GOM_NL__2PRFIN20090828_011708_000000732082_00045_39177_1609.N1	28-AUG-2009 01:17:08	Dark	73.000	7	19Bet Ori	0.100000	14000.0	146	39177	No
16	GOM_NL__2PRFIN20090828_013323_000000542082_00046_39178_1612.N1	28-AUG-2009 01:33:23	Dark	54.000	157	The1Eri	2.9060	9300.0	108	39178	No
17	GOM_NL__2PRFIN20090828_014153_000000532082_00046_39178_1613.N1	28-AUG-2009 01:41:53	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	39178	No
18	GOM_NL__2PRFIN20090828_014819_000000462082_00046_39178_1614.N1	28-AUG-2009 01:48:19	Straylight	46.000	18	24Alp PsA	1.1660	9700.0	92	39178	No
19	GOM_NL__2PRFIN20090828_015803_000000402082_00046_39178_1615.N1	28-AUG-2009 01:58:03	Bright	40.000	162	34Alp Aqr	2.9440	5350.0	80	39178	No
20	GOM_NL__2PRFIN20090828_020429_000000392082_00046_39178_1616.N1	28-AUG-2009 02:04:29	Bright	39.000	90	54Alp Peg	2.4870	11000.0	78	39178	No
21	GOM_NL__2PRFIN20090828_020838_000000462082_00046_39178_1617.N1	28-AUG-2009 02:08:38	Bright	45.500	164	44Eta Peg	2.9480	5400.0	91	39178	No
22	GOM_NL__2PRFIN20090828_021926_000000412082_00046_39178_1618.N1	28-AUG-2009 02:19:26	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	39178	No
23	GOM_NL__2PRFIN20090828_022137_000000442082_00046_39178_1619.N1	28-AUG-2009 02:21:37	Bright	43.500	76	27Gam Cas	2.3000	30000.0	87	39178	No
24	GOM_NL__2PRFIN20090828_023554_000000582082_00046_39178_1620.N1	28-AUG-2009 02:35:54	Bright	58.000	6	13Alp Aur	0.080000	3400.0	116	39178	No
25	GOM_NL__2PRFIN20090828_023922_000000462082_00046_39178_1621.N1	28-AUG-2009 02:39:22	Bright	45.500	107	37The Aur	2.6490	11000.0	91	39178	No
26	GOM_NL__2PRFIN20090828_024257_000000522082_00046_39178_1622.N1	28-AUG-2009 02:42:57	Twilight	52.000	28	12Bet Tau	1.6500	15200.0	104	39178	No
27	GOM_NL__2PRFIN20090828_024415_000000542082_00046_39178_1623.N1	28-AUG-2009 02:44:15	Twilight	53.500	151	13Mu Gem	2.8900	3000.0	107	39178	No
28	GOM_NL__2PRFIN20090828_024557_000000482082_00046_39178_1624.N1	28-AUG-2009 02:45:57	Twilight	47.500	44	24Gam Gem	1.9280	11000.0	95	39178	No
29	GOM_NL__2PRFIN20090828_025011_000000692082_00046_39178_1625.N1	28-AUG-2009 02:50:11	Dark	68.500	14	58Alp Ori	0.870000	3000.0	137	39178	No
30	GOM_NL__2PRFIN20090828_025403_000000592082_00046_39178_1626.N1	28-AUG-2009 02:54:03	Dark	58.500	30	46Eps Ori	1.6940	30000.0	117	39178	No
31	GOM_NL__2PRFIN20090828_025745_000000742082_00046_39178_1627.N1	28-AUG-2009 02:57:45	Dark	73.500	7	19Bet Ori	0.100000	14000.0	147	39178	No
32	GOM_NL__2PRFIN20090828_030006_000000502082_00046_39178_1628.N1	28-AUG-2009 03:00:06	Dark	50.000	139	9Bet Lep	2.8330	5600.0	100	39178	No
33	GOM_NL__2PRFIN20090828_045438_000000552082_00048_39180_1638.N1	28-AUG-2009 04:54:38	Dark	55.000	157	The1Eri	2.9060	9300.0	110	39180	No
34	GOM_NL__2PRFIN20090828_050306_000000492082_00048_39180_1639.N1	28-AUG-2009 05:03:06	Straylight	48.500	84	Alp Phe	2.3970	4500.0	97	39180	No
35	GOM_NL__2PRFIN20090828_050931_000000482082_00048_39180_1640.N1	28-AUG-2009 05:09:31	Straylight	47.500	18	24Alp PsA	1.1660	9700.0	95	39180	No
36	GOM_NL__2PRFIN20090828_051915_000000402082_00048_39180_1641.N1	28-AUG-2009 05:19:15	Bright	39.500	162	34Alp Aqr	2.9440	5350.0	79	39180	No
37	GOM_NL__2PRFIN20090828_052540_000000452082_00048_39180_1642.N1	28-AUG-2009 05:25:40	Bright	45.000	90	54Alp Peg	2.4870	11000.0	90	39180	No
38	GOM_NL__2PRFIN20090828_052948_000000672082_00048_39180_1643.N1	28-AUG-2009 05:29:48	Bright	67.000	164	44Eta Peg	2.9480	5400.0	134	39180	No
39	GOM_NL__2PRFIN20090828_054036_000000462082_00048_39180_1644.N1	28-AUG-2009 05:40:36	Bright	46.000	74	11Bet Cas	2.2680	6600.0	92	39180	No
40	GOM_NL__2PRFIN20090828_054248_000000462082_00048_39180_1645.N1	28-AUG-2009 05:42:48	Bright	46.000	76	27Gam Cas	2.3000	30000.0	92	39180	No
41	GOM_NL__2PRFIN20090828_055706_000000532082_00048_39180_1646.N1	28-AUG-2009 05:57:06	Bright	53.000	6	13Alp Aur	0.080000	3400.0	106	39180	No
42	GOM_NL__2PRFIN20090828_060034_000000442082_00048_39180_1647.N1	28-AUG-2009 06:00:34	Bright	44.000	107	37The Aur	2.6490	11000.0	88	39180	No

43	GOM_NL__2PRFIN20090828_060409_000000412082_00048_39180_1648.N1	28-AUG-2009 06:04:09	Twilight	41.000	28	12Bet Tau	1.6500	15200.	82	39180	No
44	GOM_NL__2PRFIN20090828_060527_000000532082_00048_39180_1649.N1	28-AUG-2009 06:05:27	Twilight	52.500	151	13Mu Gem	2.8900	3000.0	105	39180	No
45	GOM_NL__2PRFIN20090828_060710_000000472082_00048_39180_1650.N1	28-AUG-2009 06:07:10	Twilight	46.500	44	24Gam Gem	1.9280	11000.	93	39180	No
46	GOM_NL__2PRFIN20090828_061125_000000722082_00048_39180_1651.N1	28-AUG-2009 06:11:25	Dark	72.000	14	58Alp Ori	0.87000	3000.0	144	39180	No
47	GOM_NL__2PRFIN20090828_061517_000000612082_00048_39180_1652.N1	28-AUG-2009 06:15:17	Dark	61.000	30	46Eps Ori	1.6940	30000.	122	39180	No
48	GOM_NL__2PRFIN20090828_061711_000000532082_00048_39180_1653.N1	28-AUG-2009 06:17:11	Dark	53.000	56	53Kap Ori	2.0650	30000.	106	39180	No
49	GOM_NL__2PRFIN20090828_061900_000000752082_00048_39180_1654.N1	28-AUG-2009 06:19:00	Dark	74.500	7	19Bet Ori	0.10000	14000.	149	39180	No
50	GOM_NL__2PRFIN20090828_062120_000000552082_00048_39180_1655.N1	28-AUG-2009 06:21:20	Dark	55.000	139	9Bet Lep	2.8330	5600.0	110	39180	No
51	GOM_NL__2PRFIN20090828_063515_000000552082_00049_39181_1655.N1	28-AUG-2009 06:35:15	Dark	55.000	157	The1Eri	2.9060	9300.0	110	39181	No
52	GOM_NL__2PRFIN20090828_064343_000000482082_00049_39181_1656.N1	28-AUG-2009 06:43:43	Straylight	48.000	84	Alp Phe	2.3970	4500.0	96	39181	No
53	GOM_NL__2PRFIN20090828_065007_000000462082_00049_39181_1657.N1	28-AUG-2009 06:50:07	Straylight	46.000	18	24Alp PsA	1.1660	9700.0	92	39181	No
54	GOM_NL__2PRFIN20090828_065951_000000402082_00049_39181_1658.N1	28-AUG-2009 06:59:51	Bright	40.000	162	34Alp Aqr	2.9440	5350.0	80	39181	No
55	GOM_NL__2PRFIN20090828_070615_000000452082_00049_39181_1659.N1	28-AUG-2009 07:06:15	Bright	45.000	90	54Alp Peg	2.4870	11000.	90	39181	No
56	GOM_NL__2PRFIN20090828_071024_000000522082_00049_39181_1660.N1	28-AUG-2009 07:10:24	Bright	51.500	164	44Eta Peg	2.9480	5400.0	103	39181	No
57	GOM_NL__2PRFIN20090828_072112_000000452082_00049_39181_1661.N1	28-AUG-2009 07:21:12	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	39181	No
58	GOM_NL__2PRFIN20090828_072323_000000472082_00049_39181_1662.N1	28-AUG-2009 07:23:23	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	39181	No
59	GOM_NL__2PRFIN20090828_073742_000000582082_00049_39181_1663.N1	28-AUG-2009 07:37:42	Bright	57.500	6	13Alp Aur	0.080000	3400.0	115	39181	No
60	GOM_NL__2PRFIN20090828_074110_000000442082_00049_39181_1664.N1	28-AUG-2009 07:41:10	Bright	43.500	107	37The Aur	2.6490	11000.	87	39181	No
61	GOM_NL__2PRFIN20090828_074446_000000412082_00049_39181_1665.N1	28-AUG-2009 07:44:46	Twilight	41.000	28	12Bet Tau	1.6500	15200.	82	39181	No
62	GOM_NL__2PRFIN20090828_074604_000000462082_00049_39181_1666.N1	28-AUG-2009 07:46:04	Twilight	46.000	151	13Mu Gem	2.8900	3000.0	92	39181	No
63	GOM_NL__2PRFIN20090828_074746_000000442082_00049_39181_1667.N1	28-AUG-2009 07:47:46	Twilight	44.000	44	24Gam Gem	1.9280	11000.	88	39181	No
64	GOM_NL__2PRFIN20090828_075201_000000702082_00049_39181_1668.N1	28-AUG-2009 07:52:01	Dark	70.000	14	58Alp Ori	0.87000	3000.0	140	39181	No
65	GOM_NL__2PRFIN20090828_075554_000000622082_00049_39181_1669.N1	28-AUG-2009 07:55:54	Dark	61.500	30	46Eps Ori	1.6940	30000.	123	39181	No
66	GOM_NL__2PRFIN20090828_075748_000000542082_00049_39181_1670.N1	28-AUG-2009 07:57:48	Dark	53.500	56	53Kap Ori	2.0650	30000.	107	39181	No
67	GOM_NL__2PRFIN20090828_075937_000000752082_00049_39181_1671.N1	28-AUG-2009 07:59:37	Dark	75.000	7	19Bet Ori	0.10000	14000.	150	39181	No
68	GOM_NL__2PRFIN20090828_080157_000000532082_00049_39181_1672.N1	28-AUG-2009 08:01:57	Dark	52.500	139	9Bet Lep	2.8330	5600.0	105	39181	No
69	GOM_NL__2PRFIN20090828_081552_000000532082_00050_39182_1675.N1	28-AUG-2009 08:15:52	Dark	53.000	157	The1Eri	2.9060	9300.0	106	39182	No
70	GOM_NL__2PRFIN20090828_082419_000000522082_00050_39182_1676.N1	28-AUG-2009 08:24:19	Straylight	52.000	84	Alp Phe	2.3970	4500.0	104	39182	No
71	GOM_NL__2PRFIN20090828_083044_000000472082_00050_39182_1677.N1	28-AUG-2009 08:30:44	Straylight	46.500	18	24Alp PsA	1.1660	9700.0	93	39182	No
72	GOM_NL__2PRFIN20090828_084027_000000492082_00050_39182_1678.N1	28-AUG-2009 08:40:27	Bright	48.500	162	34Alp Aqr	2.9440	5350.0	97	39182	No
73	GOM_NL__2PRFIN20090828_084650_000000502082_00050_39182_1679.N1	28-AUG-2009 08:46:50	Bright	50.000	90	54Alp Peg	2.4870	11000.	100	39182	No
74	GOM_NL__2PRFIN20090828_085059_000000462082_00050_39182_1680.N1	28-AUG-2009 08:50:59	Bright	45.500	164	44Eta Peg	2.9480	5400.0	91	39182	No
75	GOM_NL__2PRFIN20090828_090147_000000452082_00050_39182_1681.N1	28-AUG-2009 09:01:47	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	39182	No
76	GOM_NL__2PRFIN20090828_090358_000000482082_00050_39182_1682.N1	28-AUG-2009 09:03:58	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	39182	No
77	GOM_NL__2PRFIN20090828_091817_000000602082_00050_39182_1683.N1	28-AUG-2009 09:18:17	Bright	60.000	6	13Alp Aur	0.080000	3400.0	120	39182	No
78	GOM_NL__2PRFIN20090828_092146_000000452082_00050_39182_1684.N1	28-AUG-2009 09:21:46	Bright	44.500	107	37The Aur	2.6490	11000.	89	39182	No
79	GOM_NL__2PRFIN20090828_092522_000000332082_00050_39182_1685.N1	28-AUG-2009 09:25:22	Twilight	33.000	28	12Bet Tau	1.6500	15200.	66	39182	No
80	GOM_NL__2PRFIN20090828_092640_000000562082_00050_39182_1686.N1	28-AUG-2009 09:26:40	Twilight	55.500	151	13Mu Gem	2.8900	3000.0	111	39182	No
81	GOM_NL__2PRFIN20090828_092822_000000502082_00050_39182_1687.N1	28-AUG-2009 09:28:22	Twilight	50.000	44	24Gam Gem	1.9280	11000.	100	39182	No
82	GOM_NL__2PRFIN20090828_093238_000000722082_00050_39182_1688.N1	28-AUG-2009 09:32:38	Dark	72.000	14	58Alp Ori	0.87000	3000.0	144	39182	No
83	GOM_NL__2PRFIN20090828_093629_000000602082_00050_39182_1689.N1	28-AUG-2009 09:36:29	Dark	59.500	33	50Zet Ori	1.7660	30000.	119	39182	No
84	GOM_NL__2PRFIN20090828_093825_000000542082_00050_39182_1690.N1	28-AUG-2009 09:38:25	Dark	54.000	56	53Kap Ori	2.0650	30000.	108	39182	No
85	GOM_NL__2PRFIN20090828_094014_000000692082_00050_39182_1691.N1	28-AUG-2009 09:40:14	Dark	68.500	7	19Bet Ori	0.10000	14000.	137	39182	No
86	GOM_NL__2PRFIN20090828_094234_000000532082_00050_39182_1692.N1	28-AUG-2009 09:42:34	Dark	53.000	139	9Bet Lep	2.8330	5600.0	106	39182	No
87	GOM_NL__2PRFIN20090828_095629_000000552082_00051_39183_1711.N1	28-AUG-2009 09:56:29	Dark	55.000	157	The1Eri	2.9060	9300.0	110	39183	No
88	GOM_NL__2PRFIN20090828_100456_000000502082_00051_39183_1712.N1	28-AUG-2009 10:04:56	Straylight	50.000	84	Alp Phe	2.3970	4500.0	100	39183	No
89	GOM_NL__2PRFIN20090828_101120_000000462082_00051_39183_1713.N1	28-AUG-2009 10:11:20	Straylight	46.000	18	24Alp PsA	1.1660	9700.0	92	39183	No
90	GOM_NL__2PRFIN20090828_102103_000000582082_00051_39183_1714.N1	28-AUG-2009 10:21:03	Bright	58.000	162	34Alp Aqr	2.9440	5350.0	116	39183	No
91	GOM_NL__2PRFIN20090828_102726_000000522082_00051_39183_1715.N1	28-AUG-2009 10:27:26	Bright	52.000	90	54Alp Peg	2.4870	11000.	104	39183	No
92	GOM_NL__2PRFIN20090828_103134_000000452082_00051_39183_1716.N1	28-AUG-2009 10:31:34	Bright	45.000	164	44Eta Peg	2.9480	5400.0	90	39183	No
93	GOM_NL__2PRFIN20090828_104222_000000432082_00051_39183_1717.N1	28-AUG-2009 10:42:22	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	39183	No
94	GOM_NL__2PRFIN20090828_104433_000000472082_00051_39183_1718.N1	28-AUG-2009 10:44:33	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	39183	No
95	GOM_NL__2PRFIN20090828_105853_000000562082_00051_39183_1719.N1	28-AUG-2009 10:58:53	Bright	56.000	6	13Alp Aur	0.080000	3400.0	112	39183	No
96	GOM_NL__2PRFIN20090828_110222_000000462082_00051_39183_1720.N1	28-AUG-2009 11:02:22	Bright	45.500	107	37The Aur	2.6490	11000.	91	39183	No
97	GOM_NL__2PRFIN20090828_110558_000000332082_00051_39183_1721.N1	28-AUG-2009 11:05:58	Twilight	33.000	28	12Bet Tau	1.6500	15200.	66	39183	No
98	GOM_NL__2PRFIN20090828_110716_000000552082_00051_39183_1722.N1	28-AUG-2009 11:07:16	Twilight	54.500	151	13Mu Gem	2.8900	3000.0	109	39183	No
99	GOM_NL__2PRFIN20090828_110858_000000492082_00051_39183_1723.N1	28-AUG-2009 11:08:58	Twilight	48.500	44	24Gam Gem	1.9280	11000.	97	39183	No
100	GOM_NL__2PRFIN20090828_111315_000000702082_00051_39183_1724.N1	28-AUG-2009 11:13:15	Dark	70.000	14	58Alp Ori	0.87000	3000.0	140	39183	No
101	GOM_NL__2PRFIN20090828_111705_000000582082_00051_39183_1725.N1	28-AUG-2009 11:17:05	Dark	58.000	33	50Zet Ori	1.7660	30000.	116	39183	No

102	GOM_NL__2PRFIN20090828_111902_00000522082_00051_39183_1726.N1	28-AUG-2009 11:19:02	Dark	52.000	56	53Kap Ori	2.0650	30000.	104	39183	No
103	GOM_NL__2PRFIN20090828_112052_00000732082_00051_39183_1727.N1	28-AUG-2009 11:20:52	Dark	73.000	7	19Bet Ori	0.10000	14000.	146	39183	No
104	GOM_NL__2PRFIN20090828_112311_00000512082_00051_39183_1728.N1	28-AUG-2009 11:23:11	Dark	51.000	139	9Bet Lep	2.8330	5600.0	102	39183	No
105	GOM_NL__2PRFIN20090828_113706_00000552082_00052_39184_1726.N1	28-AUG-2009 11:37:06	Dark	54.500	157	The1Eri	2.9060	9300.0	109	39184	No
106	GOM_NL__2PRFIN20090828_114532_00000482082_00052_39184_1727.N1	28-AUG-2009 11:45:32	Straylight	47.500	84	Alp Phe	2.3970	4500.0	95	39184	No
107	GOM_NL__2PRFIN20090828_115156_00000462082_00052_39184_1728.N1	28-AUG-2009 11:51:56	Straylight	45.500	18	24Alp PsA	1.1660	9700.0	91	39184	No
108	GOM_NL__2PRFIN20090828_120139_00000402082_00052_39184_1729.N1	28-AUG-2009 12:01:39	Bright	39.500	162	34Alp Aqr	2.9440	5350.0	79	39184	No
109	GOM_NL__2PRFIN20090828_120801_00000502082_00052_39184_1730.N1	28-AUG-2009 12:08:01	Bright	50.000	90	54Alp Peg	2.4870	11000.	100	39184	No
110	GOM_NL__2PRFIN20090828_121210_00000452082_00052_39184_1731.N1	28-AUG-2009 12:12:10	Bright	44.500	164	44Eta Peg	2.9480	5400.0	89	39184	No
111	GOM_NL__2PRFIN20090828_122257_00000462082_00052_39184_1732.N1	28-AUG-2009 12:22:57	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	39184	No
112	GOM_NL__2PRFIN20090828_122508_00000482082_00052_39184_1733.N1	28-AUG-2009 12:25:08	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	39184	No
113	GOM_NL__2PRFIN20090828_123929_00000582082_00052_39184_1734.N1	28-AUG-2009 12:39:29	Bright	58.000	6	13Alp Aur	0.080000	3400.0	116	39184	No
114	GOM_NL__2PRFIN20090828_124258_00000482082_00052_39184_1735.N1	28-AUG-2009 12:42:58	Bright	48.000	107	37The Aur	2.6490	11000.	96	39184	No
115	GOM_NL__2PRFIN20090828_124634_00000252082_00052_39184_1736.N1	28-AUG-2009 12:46:34	Tw_i_and_stray	25.000	28	12Bet Tau	1.6500	15200.	50	39184	No
116	GOM_NL__2PRFIN20090828_124752_00000532082_00052_39184_1737.N1	28-AUG-2009 12:47:52	Tw_i_and_stray	53.000	151	13Mu Gem	2.8900	3000.0	106	39184	No
117	GOM_NL__2PRFIN20090828_124935_00000472082_00052_39184_1738.N1	28-AUG-2009 12:49:35	Tw_i_and_stray	47.000	44	24Gam Gem	1.9280	11000.	94	39184	No
118	GOM_NL__2PRFIN20090828_125351_00000632082_00052_39184_1739.N1	28-AUG-2009 12:53:51	Dark	62.500	14	58Alp Ori	0.87000	3000.0	125	39184	No
119	GOM_NL__2PRFIN20090828_125742_00000562082_00052_39184_1740.N1	28-AUG-2009 12:57:42	Dark	55.500	33	50Zet Ori	1.7660	30000.	111	39184	No
120	GOM_NL__2PRFIN20090828_125939_00000512082_00052_39184_1741.N1	28-AUG-2009 12:59:39	Dark	51.000	56	53Kap Ori	2.0650	30000.	102	39184	No
121	GOM_NL__2PRFIN20090828_130129_00000722082_00052_39184_1742.N1	28-AUG-2009 13:01:29	Dark	72.000	7	19Bet Ori	0.10000	14000.	144	39184	No
122	GOM_NL__2PRFIN20090828_130348_00000502082_00052_39184_1743.N1	28-AUG-2009 13:03:48	Dark	50.000	139	9Bet Lep	2.8330	5600.0	100	39184	No
123	GOM_NL__2PRFIN20090828_131743_00000562082_00053_39185_1740.N1	28-AUG-2009 13:17:43	Dark	55.500	157	The1Eri	2.9060	9300.0	111	39185	No
124	GOM_NL__2PRFIN20090828_132609_00000532082_00053_39185_1741.N1	28-AUG-2009 13:26:09	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	39185	No
125	GOM_NL__2PRFIN20090828_133232_00000462082_00053_39185_1742.N1	28-AUG-2009 13:32:32	Straylight	46.000	18	24Alp PsA	1.1660	9700.0	92	39185	No
126	GOM_NL__2PRFIN20090828_134214_00000402082_00053_39185_1743.N1	28-AUG-2009 13:42:14	Bright	39.500	162	34Alp Aqr	2.9440	5350.0	79	39185	No
127	GOM_NL__2PRFIN20090828_134836_00000502082_00053_39185_1744.N1	28-AUG-2009 13:48:36	Bright	49.500	90	54Alp Peg	2.4870	11000.	99	39185	No
128	GOM_NL__2PRFIN20090828_135245_00000442082_00053_39185_1745.N1	28-AUG-2009 13:52:45	Bright	44.000	164	44Eta Peg	2.9480	5400.0	88	39185	No
129	GOM_NL__2PRFIN20090828_140332_00000442082_00053_39185_1746.N1	28-AUG-2009 14:03:32	Bright	44.000	74	11Bet Cas	2.2680	6600.0	88	39185	No
130	GOM_NL__2PRFIN20090828_140544_00000452082_00053_39185_1747.N1	28-AUG-2009 14:05:44	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	39185	No
131	GOM_NL__2PRFIN20090828_142004_00000572082_00053_39185_1748.N1	28-AUG-2009 14:20:04	Bright	57.000	6	13Alp Aur	0.080000	3400.0	114	39185	No
132	GOM_NL__2PRFIN20090828_142334_00000462082_00053_39185_1749.N1	28-AUG-2009 14:23:34	Bright	46.000	107	37The Aur	2.6490	11000.	92	39185	No
133	GOM_NL__2PRFIN20090828_142710_00000252082_00053_39185_1750.N1	28-AUG-2009 14:27:10	Tw_i_and_stray	25.000	28	12Bet Tau	1.6500	15200.	50	39185	No
134	GOM_NL__2PRFIN20090828_142828_00000542082_00053_39185_1751.N1	28-AUG-2009 14:28:28	Tw_i_and_stray	53.500	151	13Mu Gem	2.8900	3000.0	107	39185	No
135	GOM_NL__2PRFIN20090828_143011_00000472082_00053_39185_1752.N1	28-AUG-2009 14:30:11	Tw_i_and_stray	47.000	44	24Gam Gem	1.9280	11000.	94	39185	No
136	GOM_NL__2PRFIN20090828_143428_00000672082_00053_39185_1753.N1	28-AUG-2009 14:34:28	Dark	66.500	14	58Alp Ori	0.87000	3000.0	133	39185	No
137	GOM_NL__2PRFIN20090828_143819_00000592082_00053_39185_1754.N1	28-AUG-2009 14:38:19	Dark	59.000	33	50Zet Ori	1.7660	30000.	118	39185	No
138	GOM_NL__2PRFIN20090828_144016_00000532082_00053_39185_1755.N1	28-AUG-2009 14:40:16	Dark	53.000	56	53Kap Ori	2.0650	30000.	106	39185	No
139	GOM_NL__2PRFIN20090828_144206_00000722082_00053_39185_1756.N1	28-AUG-2009 14:42:06	Dark	72.000	7	19Bet Ori	0.10000	14000.	144	39185	No
140	GOM_NL__2PRFIN20090828_144425_00000522082_00053_39185_1757.N1	28-AUG-2009 14:44:25	Dark	52.000	139	9Bet Lep	2.8330	5600.0	104	39185	No
141	GOM_NL__2PRFIN20090828_145820_00000562082_00054_39186_1754.N1	28-AUG-2009 14:58:20	Dark	56.000	157	The1Eri	2.9060	9300.0	112	39186	No
142	GOM_NL__2PRFIN20090828_150645_00000532082_00054_39186_1755.N1	28-AUG-2009 15:06:45	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	39186	No
143	GOM_NL__2PRFIN20090828_151308_00000472082_00054_39186_1756.N1	28-AUG-2009 15:13:08	Straylight	47.000	18	24Alp PsA	1.1660	9700.0	94	39186	No
144	GOM_NL__2PRFIN20090828_152250_00000402082_00054_39186_1757.N1	28-AUG-2009 15:22:50	Bright	39.500	162	34Alp Aqr	2.9440	5350.0	79	39186	No
145	GOM_NL__2PRFIN20090828_152911_00000502082_00054_39186_1758.N1	28-AUG-2009 15:29:11	Bright	50.000	90	54Alp Peg	2.4870	11000.	100	39186	No
146	GOM_NL__2PRFIN20090828_153320_00000452082_00054_39186_1759.N1	28-AUG-2009 15:33:20	Bright	45.000	164	44Eta Peg	2.9480	5400.0	90	39186	No
147	GOM_NL__2PRFIN20090828_154408_00000412082_00054_39186_1760.N1	28-AUG-2009 15:44:08	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	39186	No
148	GOM_NL__2PRFIN20090828_154619_00000462082_00054_39186_1761.N1	28-AUG-2009 15:46:19	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	39186	No
149	GOM_NL__2PRFIN20090828_160040_00000602082_00054_39186_1762.N1	28-AUG-2009 16:00:40	Bright	59.500	6	13Alp Aur	0.080000	3400.0	119	39186	No
150	GOM_NL__2PRFIN20090828_160410_00000582082_00054_39186_1763.N1	28-AUG-2009 16:04:10	Bright	57.500	107	37The Aur	2.6490	11000.	115	39186	No
151	GOM_NL__2PRFIN20090828_160905_00000562082_00054_39186_1764.N1	28-AUG-2009 16:09:05	Tw_i_and_stray	56.000	151	13Mu Gem	2.8900	3000.0	112	39186	No
152	GOM_NL__2PRFIN20090828_161047_00000462082_00054_39186_1765.N1	28-AUG-2009 16:10:47	Tw_i_and_stray	45.500	44	24Gam Gem	1.9280	11000.	91	39186	No
153	GOM_NL__2PRFIN20090828_161505_00000702082_00054_39186_1766.N1	28-AUG-2009 16:15:05	Dark	70.000	14	58Alp Ori	0.87000	3000.0	140	39186	No
154	GOM_NL__2PRFIN20090828_161856_00000592082_00054_39186_1767.N1	28-AUG-2009 16:18:56	Dark	59.000	33	50Zet Ori	1.7660	30000.	118	39186	No
155	GOM_NL__2PRFIN20090828_162053_00000552082_00054_39186_1768.N1	28-AUG-2009 16:20:53	Dark	55.000	56	53Kap Ori	2.0650	30000.	110	39186	No
156	GOM_NL__2PRFIN20090828_162243_00000652082_00054_39186_1769.N1	28-AUG-2009 16:22:43	Dark	65.000	7	19Bet Ori	0.10000	14000.	130	39186	No
157	GOM_NL__2PRFIN20090828_162502_00000552082_00054_39186_1770.N1	28-AUG-2009 16:25:02	Dark	55.000	139	9Bet Lep	2.8330	5600.0	110	39186	No
158	GOM_NL__2PRFIN20090828_163858_00000542082_00055_39187_1768.N1	28-AUG-2009 16:38:58	Dark	54.000	157	The1Eri	2.9060	9300.0	108	39187	No
159	GOM_NL__2PRFIN20090828_164722_00000582082_00055_39187_1769.N1	28-AUG-2009 16:47:22	Straylight	57.500	84	Alp Phe	2.3970	4500.0	115	39187	No
160	GOM_NL__2PRFIN20090828_165345_00000472082_00055_39187_1770.N1	28-AUG-2009 16:53:45	Straylight	47.000	18	24Alp PsA	1.1660	9700.0	94	39187	No

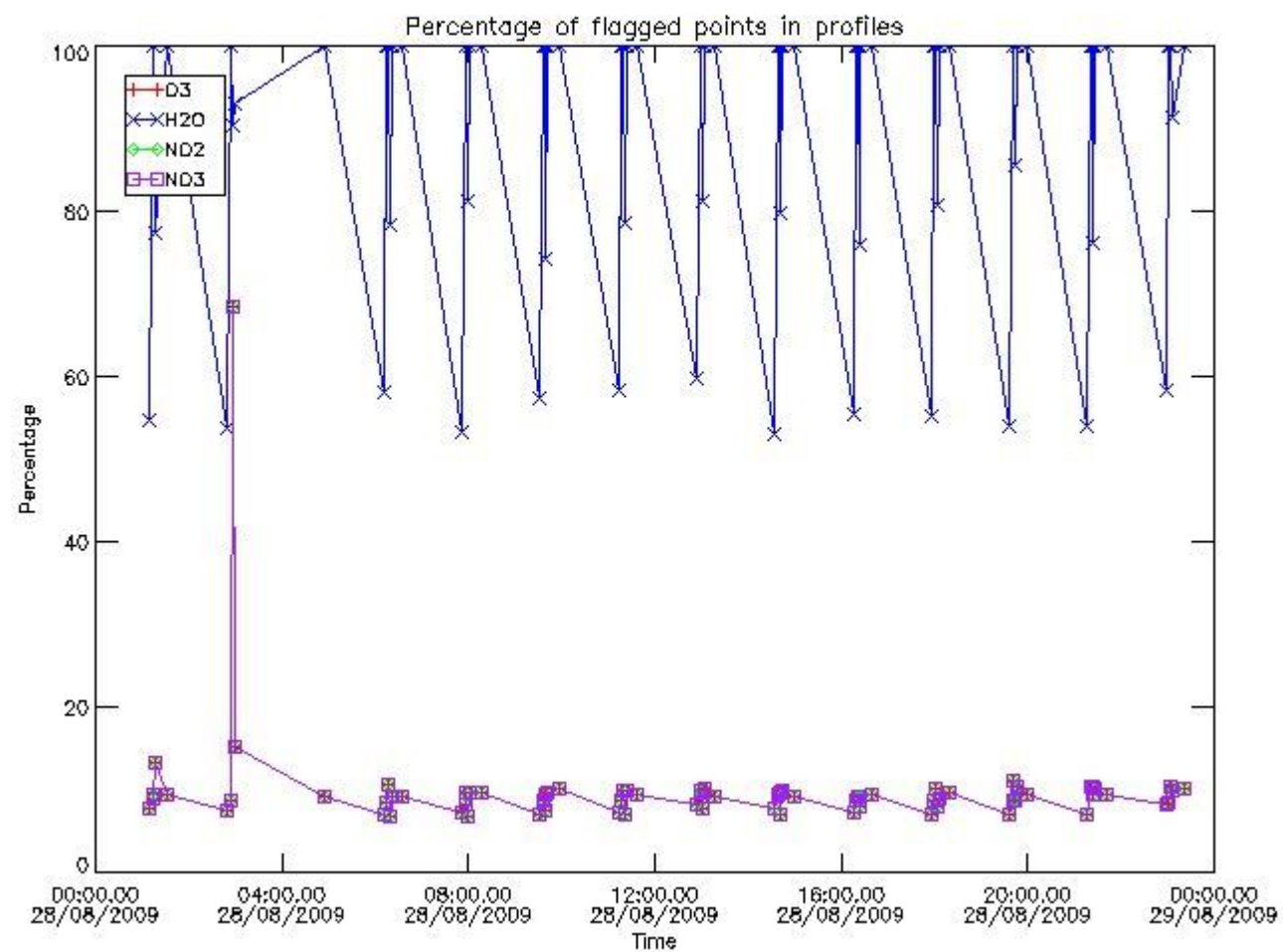
161	GOM_NL__2PRFIN20090828_170326_000000422082_00055_39187_1771.N1	28-AUG-2009 17:03:26	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	39187	No
162	GOM_NL__2PRFIN20090828_170947_000000502082_00055_39187_1772.N1	28-AUG-2009 17:09:47	Bright	50.000	90	54Alp Peg	2.4870	11000.	100	39187	No
163	GOM_NL__2PRFIN20090828_171356_000000462082_00055_39187_1773.N1	28-AUG-2009 17:13:56	Bright	45.500	164	44Eta Peg	2.9480	5400.0	91	39187	No
164	GOM_NL__2PRFIN20090828_172443_000000462082_00055_39187_1774.N1	28-AUG-2009 17:24:43	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	39187	No
165	GOM_NL__2PRFIN20090828_172654_000000482082_00055_39187_1775.N1	28-AUG-2009 17:26:54	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	39187	No
166	GOM_NL__2PRFIN20090828_174116_000000622082_00055_39187_1776.N1	28-AUG-2009 17:41:16	Bright	61.500	6	13Alp Aur	0.080000	3400.0	123	39187	No
167	GOM_NL__2PRFIN20090828_174446_000000472082_00055_39187_1777.N1	28-AUG-2009 17:44:46	Bright	46.500	107	37The Aur	2.6490	11000.	93	39187	No
168	GOM_NL__2PRFIN20090828_174941_000000602082_00055_39187_1778.N1	28-AUG-2009 17:49:41	Tw_i_and_stray	59.500	151	13Mu Gem	2.8900	3000.0	119	39187	No
169	GOM_NL__2PRFIN20090828_175124_000000502082_00055_39187_1779.N1	28-AUG-2009 17:51:24	Tw_i_and_stray	50.000	44	24Gam Gem	1.9280	11000.	100	39187	No
170	GOM_NL__2PRFIN20090828_175541_000000722082_00055_39187_1780.N1	28-AUG-2009 17:55:41	Dark	72.000	14	58Alp Ori	0.87000	3000.0	144	39187	No
171	GOM_NL__2PRFIN20090828_175933_000000582082_00055_39187_1781.N1	28-AUG-2009 17:59:33	Dark	58.000	33	50Zet Ori	1.7660	30000.	116	39187	No
172	GOM_NL__2PRFIN20090828_180130_000000512082_00055_39187_1782.N1	28-AUG-2009 18:01:30	Dark	50.500	56	53Kap Ori	2.0650	30000.	101	39187	No
173	GOM_NL__2PRFIN20090828_180321_000000652082_00055_39187_1783.N1	28-AUG-2009 18:03:21	Dark	65.000	7	19Bet Ori	0.10000	14000.	130	39187	No
174	GOM_NL__2PRFIN20090828_180539_000000572082_00055_39187_1784.N1	28-AUG-2009 18:05:39	Dark	57.000	139	9Bet Lep	2.8330	5600.0	114	39187	No
175	GOM_NL__2PRFIN20090828_181935_000000542082_00056_39188_1784.N1	28-AUG-2009 18:19:35	Dark	53.500	157	The1Eri	2.9060	9300.0	107	39188	No
176	GOM_NL__2PRFIN20090828_182759_000000572082_00056_39188_1785.N1	28-AUG-2009 18:27:59	Straylight	56.500	84	Alp Phe	2.3970	4500.0	113	39188	No
177	GOM_NL__2PRFIN20090828_183421_000000482082_00056_39188_1786.N1	28-AUG-2009 18:34:21	Straylight	47.500	18	24Alp PsA	1.1660	9700.0	95	39188	No
178	GOM_NL__2PRFIN20090828_184402_000000412082_00056_39188_1787.N1	28-AUG-2009 18:44:02	Bright	41.000	162	34Alp Aqr	2.9440	5350.0	82	39188	No
179	GOM_NL__2PRFIN20090828_185022_000000522082_00056_39188_1788.N1	28-AUG-2009 18:50:22	Bright	51.500	90	54Alp Peg	2.4870	11000.	103	39188	No
180	GOM_NL__2PRFIN20090828_185431_000000442082_00056_39188_1789.N1	28-AUG-2009 18:54:31	Bright	44.000	164	44Eta Peg	2.9480	5400.0	88	39188	No
181	GOM_NL__2PRFIN20090828_190519_000000452082_00056_39188_1790.N1	28-AUG-2009 19:05:19	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	39188	No
182	GOM_NL__2PRFIN20090828_190729_000000472082_00056_39188_1791.N1	28-AUG-2009 19:07:29	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	39188	No
183	GOM_NL__2PRFIN20090828_192152_000000582082_00056_39188_1792.N1	28-AUG-2009 19:21:52	Bright	58.000	6	13Alp Aur	0.080000	3400.0	116	39188	No
184	GOM_NL__2PRFIN20090828_192522_000000432082_00056_39188_1793.N1	28-AUG-2009 19:25:22	Bright	43.000	107	37The Aur	2.6490	11000.	86	39188	No
185	GOM_NL__2PRFIN20090828_193017_000000532082_00056_39188_1794.N1	28-AUG-2009 19:30:17	Tw_i_and_stray	52.500	151	13Mu Gem	2.8900	3000.0	105	39188	No
186	GOM_NL__2PRFIN20090828_193200_000000462082_00056_39188_1795.N1	28-AUG-2009 19:32:00	Tw_i_and_stray	45.500	44	24Gam Gem	1.9280	11000.	91	39188	No
187	GOM_NL__2PRFIN20090828_193618_000000722082_00056_39188_1796.N1	28-AUG-2009 19:36:18	Dark	72.000	14	58Alp Ori	0.87000	3000.0	144	39188	No
188	GOM_NL__2PRFIN20090828_194012_000000592082_00056_39188_1797.N1	28-AUG-2009 19:40:12	Dark	58.500	30	46Eps Ori	1.6940	30000.	117	39188	No
189	GOM_NL__2PRFIN20090828_194207_000000512082_00056_39188_1798.N1	28-AUG-2009 19:42:07	Dark	51.000	56	53Kap Ori	2.0650	30000.	102	39188	No
190	GOM_NL__2PRFIN20090828_194358_000000592082_00056_39188_1799.N1	28-AUG-2009 19:43:58	Dark	59.000	7	19Bet Ori	0.10000	14000.	118	39188	No
191	GOM_NL__2PRFIN20090828_194616_000000492082_00056_39188_1800.N1	28-AUG-2009 19:46:16	Dark	49.000	139	9Bet Lep	2.8330	5600.0	98	39188	No
192	GOM_NL__2PRFIN20090828_200012_000000552082_00057_39189_1802.N1	28-AUG-2009 20:00:12	Dark	54.500	157	The1Eri	2.9060	9300.0	109	39189	No
193	GOM_NL__2PRFIN20090828_200835_000000492082_00057_39189_1803.N1	28-AUG-2009 20:08:35	Straylight	48.500	84	Alp Phe	2.3970	4500.0	97	39189	No
194	GOM_NL__2PRFIN20090828_201457_000000492082_00057_39189_1804.N1	28-AUG-2009 20:14:57	Straylight	48.500	18	24Alp PsA	1.1660	9700.0	97	39189	No
195	GOM_NL__2PRFIN20090828_202438_000000412082_00057_39189_1805.N1	28-AUG-2009 20:24:38	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	39189	No
196	GOM_NL__2PRFIN20090828_203057_000000522082_00057_39189_1806.N1	28-AUG-2009 20:30:57	Bright	51.500	90	54Alp Peg	2.4870	11000.	103	39189	No
197	GOM_NL__2PRFIN20090828_203506_000000442082_00057_39189_1807.N1	28-AUG-2009 20:35:06	Bright	44.000	164	44Eta Peg	2.9480	5400.0	88	39189	No
198	GOM_NL__2PRFIN20090828_204554_000000462082_00057_39189_1808.N1	28-AUG-2009 20:45:54	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	39189	No
199	GOM_NL__2PRFIN20090828_204804_000000472082_00057_39189_1809.N1	28-AUG-2009 20:48:04	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	39189	No
200	GOM_NL__2PRFIN20090828_210227_000000592082_00057_39189_1810.N1	28-AUG-2009 21:02:27	Bright	59.000	6	13Alp Aur	0.080000	3400.0	118	39189	No
201	GOM_NL__2PRFIN20090828_210558_000000472082_00057_39189_1811.N1	28-AUG-2009 21:05:58	Bright	46.500	107	37The Aur	2.6490	11000.	93	39189	No
202	GOM_NL__2PRFIN20090828_211053_000000532082_00057_39189_1812.N1	28-AUG-2009 21:10:53	Tw_i_and_stray	52.500	151	13Mu Gem	2.8900	3000.0	105	39189	No
203	GOM_NL__2PRFIN20090828_211236_000000462082_00057_39189_1813.N1	28-AUG-2009 21:12:36	Tw_i_and_stray	45.500	44	24Gam Gem	1.9280	11000.	91	39189	No
204	GOM_NL__2PRFIN20090828_211654_000000722082_00057_39189_1814.N1	28-AUG-2009 21:16:54	Dark	72.000	14	58Alp Ori	0.87000	3000.0	144	39189	No
205	GOM_NL__2PRFIN20090828_212049_000000602082_00057_39189_1815.N1	28-AUG-2009 21:20:49	Dark	59.500	30	46Eps Ori	1.6940	30000.	119	39189	No
206	GOM_NL__2PRFIN20090828_212243_000000542082_00057_39189_1816.N1	28-AUG-2009 21:22:43	Dark	53.500	56	53Kap Ori	2.0650	30000.	107	39189	No
207	GOM_NL__2PRFIN20090828_212435_000000592082_00057_39189_1817.N1	28-AUG-2009 21:24:35	Dark	59.000	7	19Bet Ori	0.10000	14000.	118	39189	No
208	GOM_NL__2PRFIN20090828_212653_000000502082_00057_39189_1818.N1	28-AUG-2009 21:26:53	Dark	50.000	139	9Bet Lep	2.8330	5600.0	100	39189	No
209	GOM_NL__2PRFIN20090828_214049_000000542082_00058_39190_1819.N1	28-AUG-2009 21:40:49	Dark	54.000	157	The1Eri	2.9060	9300.0	108	39190	No
210	GOM_NL__2PRFIN20090828_214912_000000532082_00058_39190_1820.N1	28-AUG-2009 21:49:12	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	39190	No
211	GOM_NL__2PRFIN20090828_215534_000000472082_00058_39190_1821.N1	28-AUG-2009 21:55:34	Straylight	47.000	18	24Alp PsA	1.1660	9700.0	94	39190	No
212	GOM_NL__2PRFIN20090828_220514_000000402082_00058_39190_1822.N1	28-AUG-2009 22:05:14	Bright	40.000	162	34Alp Aqr	2.9440	5350.0	80	39190	No
213	GOM_NL__2PRFIN20090828_221133_000000492082_00058_39190_1823.N1	28-AUG-2009 22:11:33	Bright	48.500	90	54Alp Peg	2.4870	11000.	97	39190	No
214	GOM_NL__2PRFIN20090828_221542_000000452082_00058_39190_1824.N1	28-AUG-2009 22:15:42	Bright	44.500	164	44Eta Peg	2.9480	5400.0	89	39190	No
215	GOM_NL__2PRFIN20090828_222629_000000462082_00058_39190_1825.N1	28-AUG-2009 22:26:29	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	39190	No
216	GOM_NL__2PRFIN20090828_222840_000000472082_00058_39190_1826.N1	28-AUG-2009 22:28:40	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	39190	No
217	GOM_NL__2PRFIN20090828_224303_000000592082_00058_39190_1827.N1	28-AUG-2009 22:43:03	Bright	58.500	6	13Alp Aur	0.080000	3400.0	117	39190	No
218	GOM_NL__2PRFIN20090828_224634_000000482082_00058_39190_1828.N1	28-AUG-2009 22:46:34	Bright	47.500	107	37The Aur	2.6490	11000.	95	39190	No
219	GOM_NL__2PRFIN20090828_225130_000000592082_00058_39190_1829.N1	28-AUG-2009 22:51:30	Tw_i_and_stray	59.000	151	13Mu Gem	2.8900	3000.0	118	39190	No

220	GOM_NL__2PRFIN20090828_225313_000000492082_00058_39190_1830.N1	28-AUG-2009 22:53:13	Twilight_stray	48.500	44	24Gam Gem	1.9280	11000.	97	39190	No
221	GOM_NL__2PRFIN20090828_225731_000000622082_00058_39190_1831.N1	28-AUG-2009 22:57:31	Dark	61.500	14	58Alp Ori	0.87000	3000.0	123	39190	No
222	GOM_NL__2PRFIN20090828_230126_000000602082_00058_39190_1832.N1	28-AUG-2009 23:01:26	Dark	60.000	30	46Eps Ori	1.6940	30000.	120	39190	No
223	GOM_NL__2PRFIN20090828_230320_000000542082_00058_39190_1833.N1	28-AUG-2009 23:03:20	Dark	53.500	56	53Kap Ori	2.0650	30000.	107	39190	No
224	GOM_NL__2PRFIN20090828_230513_000000522082_00058_39190_1834.N1	28-AUG-2009 23:05:13	Dark	52.000	7	19Bet Ori	0.10000	14000.	104	39190	No
225	GOM_NL__2PRFIN20090828_232126_000000562082_00059_39191_1834.N1	28-AUG-2009 23:21:26	Dark	55.500	157	The1Eri	2.9060	9300.0	111	39191	No
226	GOM_NL__2PRFIN20090828_232948_000000562082_00059_39191_1835.N1	28-AUG-2009 23:29:48	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	39191	No
227	GOM_NL__2PRFIN20090828_233610_000000482082_00059_39191_1836.N1	28-AUG-2009 23:36:10	Straylight	47.500	18	24Alp PsA	1.1660	9700.0	95	39191	No
228	GOM_NL__2PRFIN20090828_234550_000000402082_00059_39191_1837.N1	28-AUG-2009 23:45:50	Bright	39.500	162	34Alp Aqr	2.9440	5350.0	79	39191	No
229	GOM_NL__2PRFIN20090828_235207_000000502082_00059_39191_1838.N1	28-AUG-2009 23:52:07	Bright	49.500	90	54Alp Peg	2.4870	11000.	99	39191	No
230	GOM_NL__2PRFIN20090828_235617_000000442082_00059_39191_1839.N1	28-AUG-2009 23:56:17	Bright	44.000	164	44Eta Peg	2.9480	5400.0	88	39191	No

3. Quality information per product

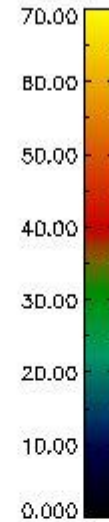
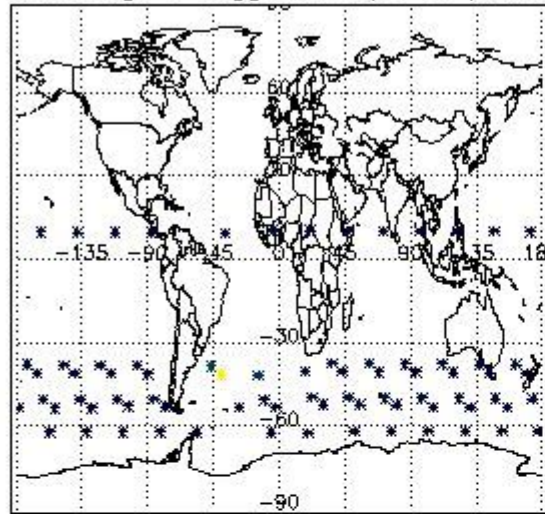
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

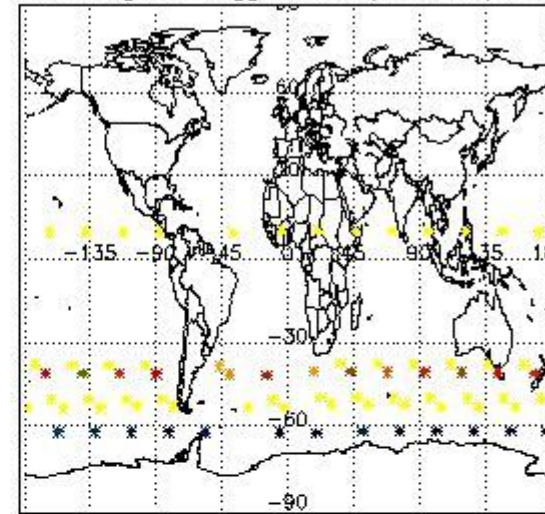


3.2 Plot quality information per product (world map)

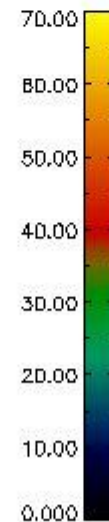
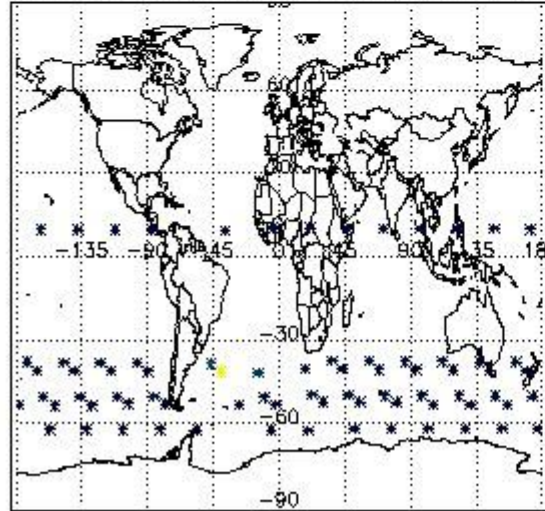
Percentage of flagged data per O3 profile



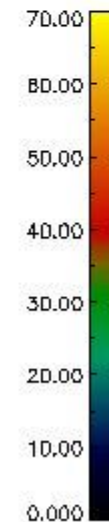
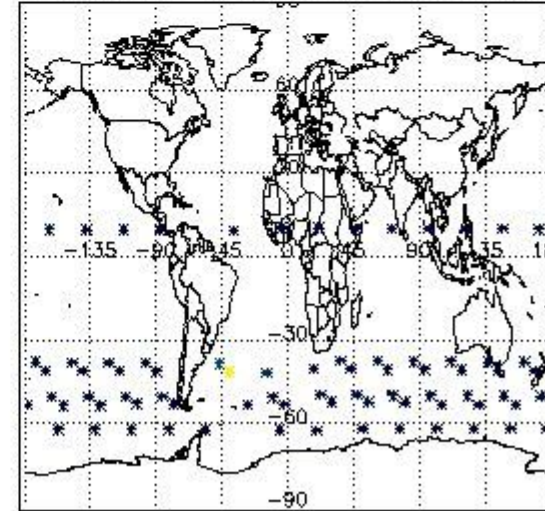
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

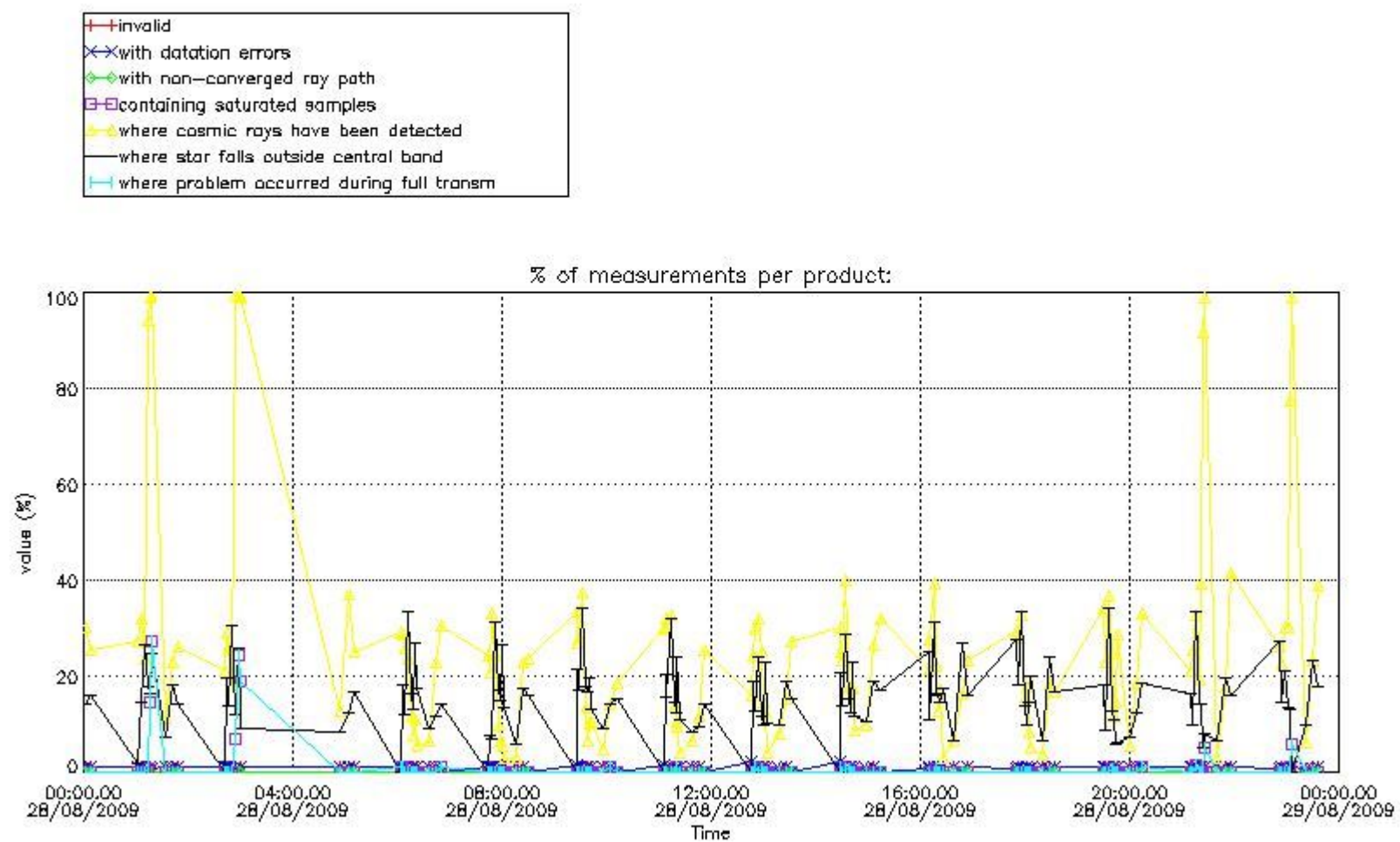


4. Level 1 quality information per product

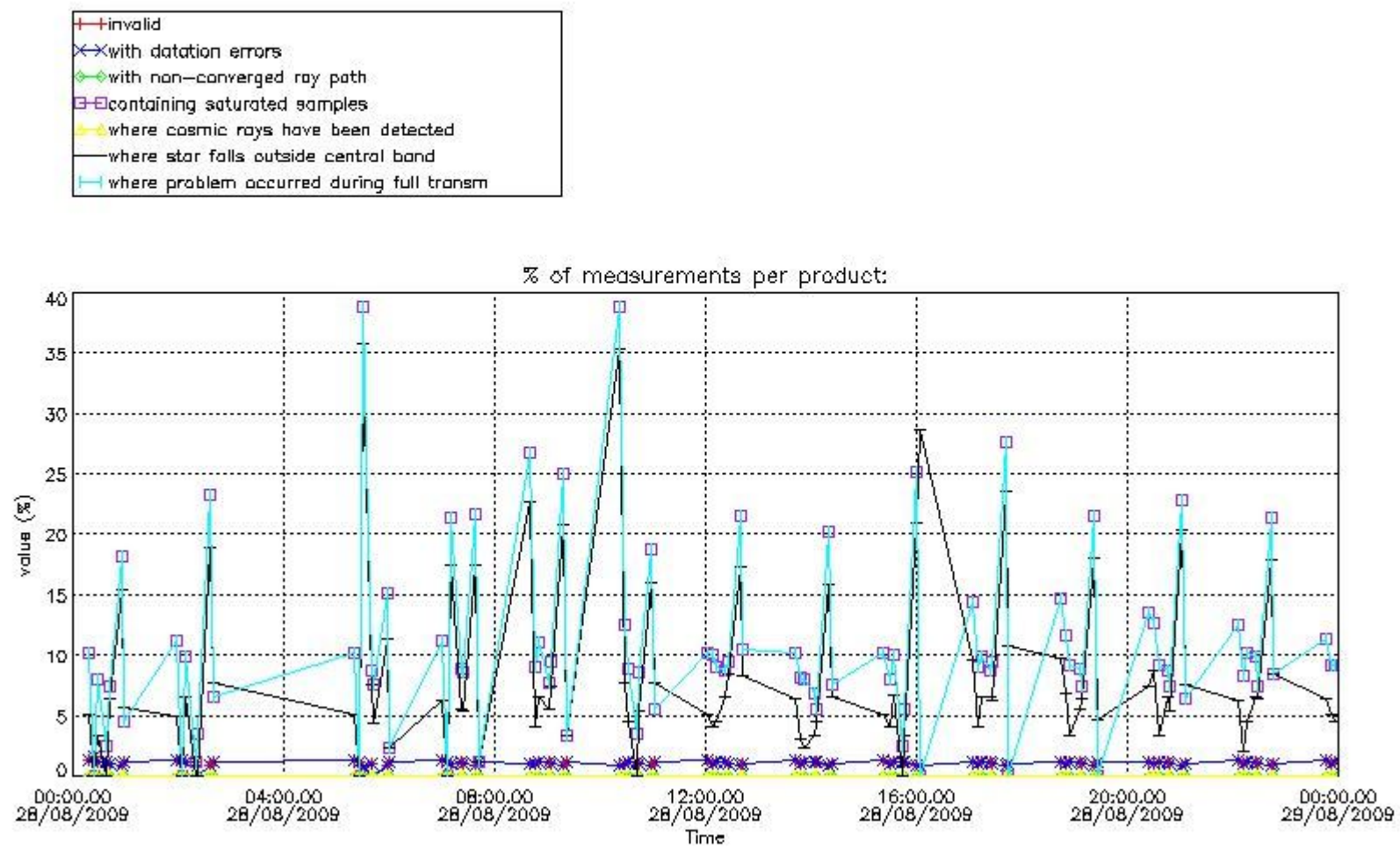
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



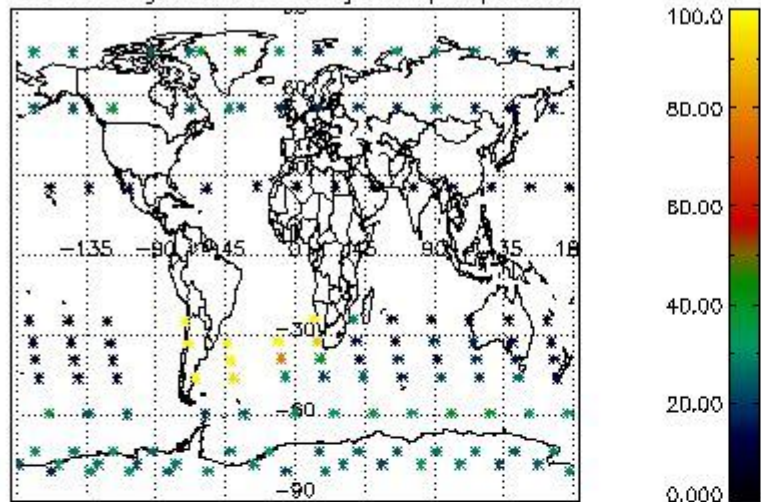
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



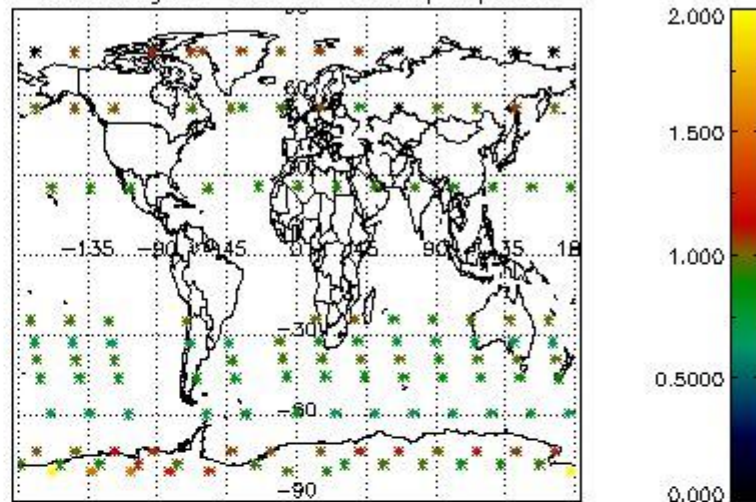
4.2 Plot quality information per product coming from level 1b processing (world map)

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

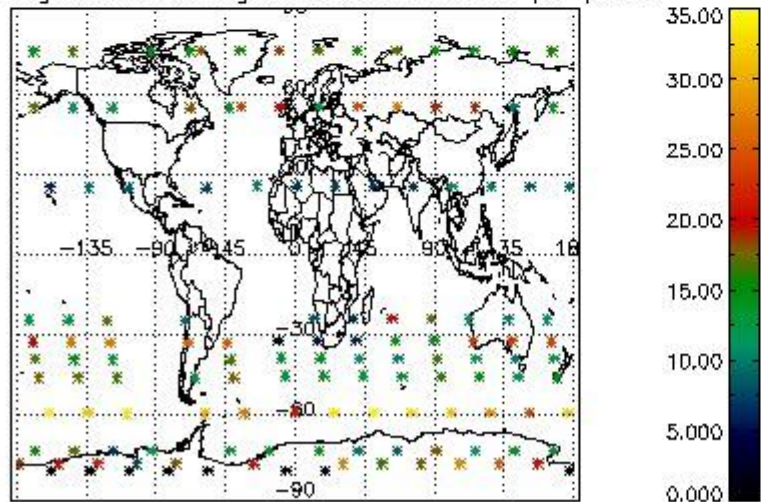
Percentage of cosmic ray hits per profile



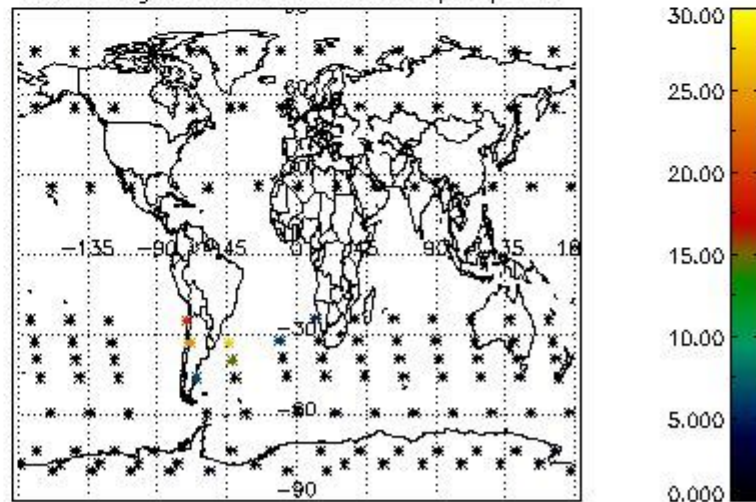
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

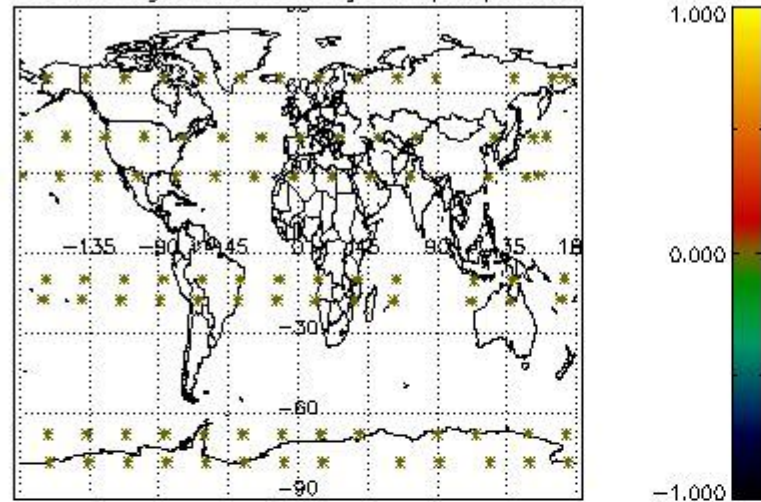


Percentage of saturation errors per profile

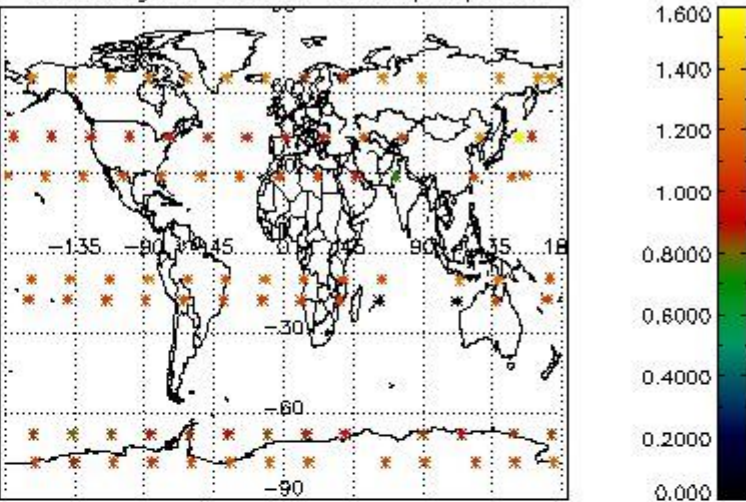


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

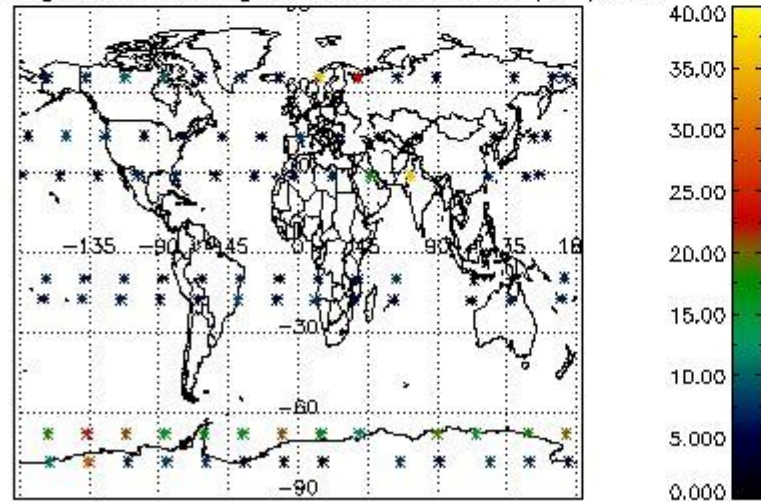
Percentage of cosmic ray hits per profile



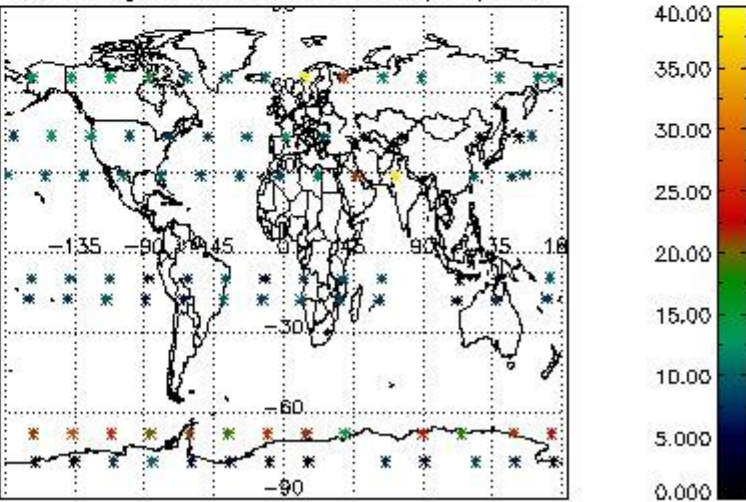
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

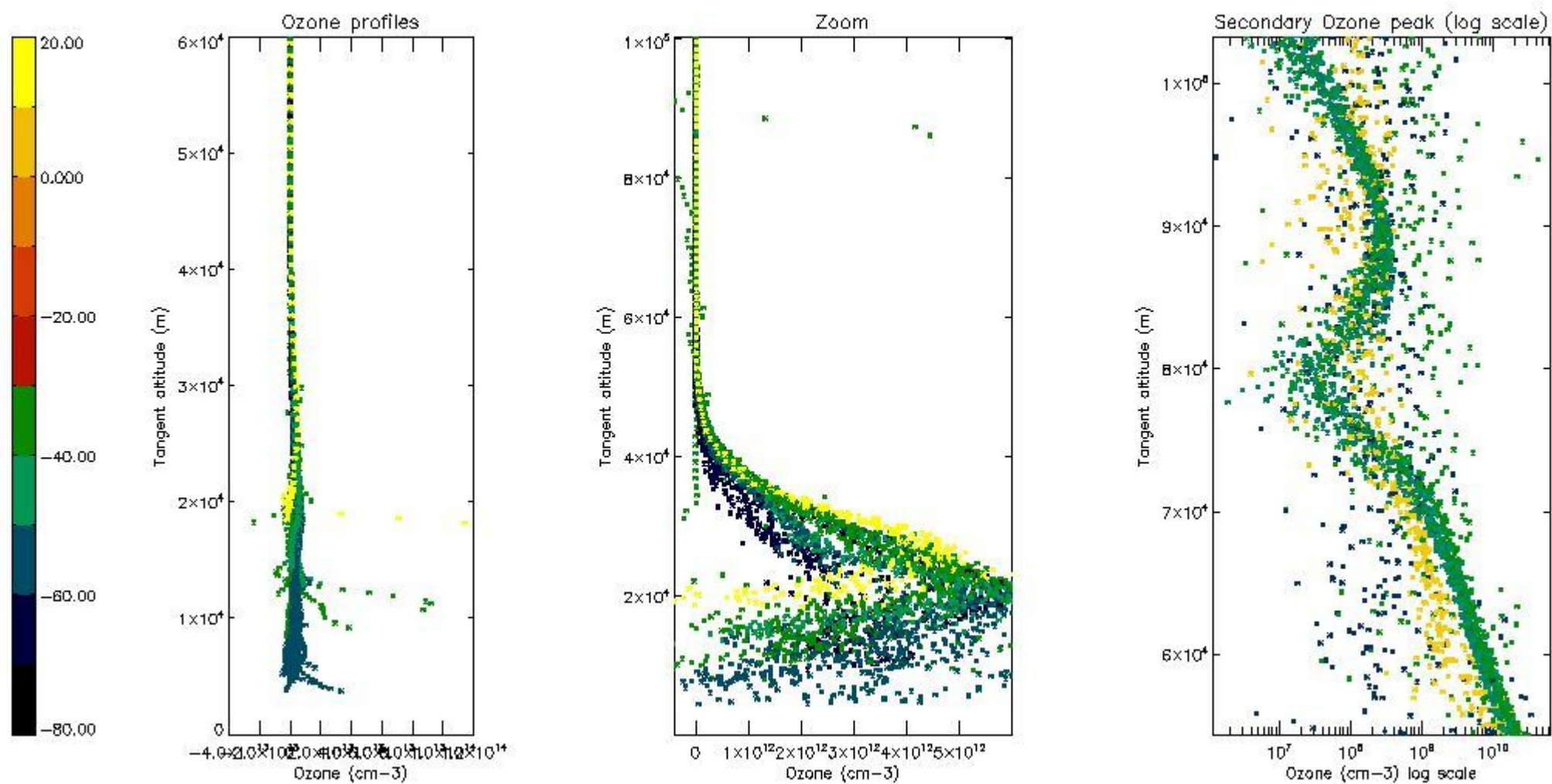
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	39
STD < 20	20

STD < 10	16
STD < 5	11

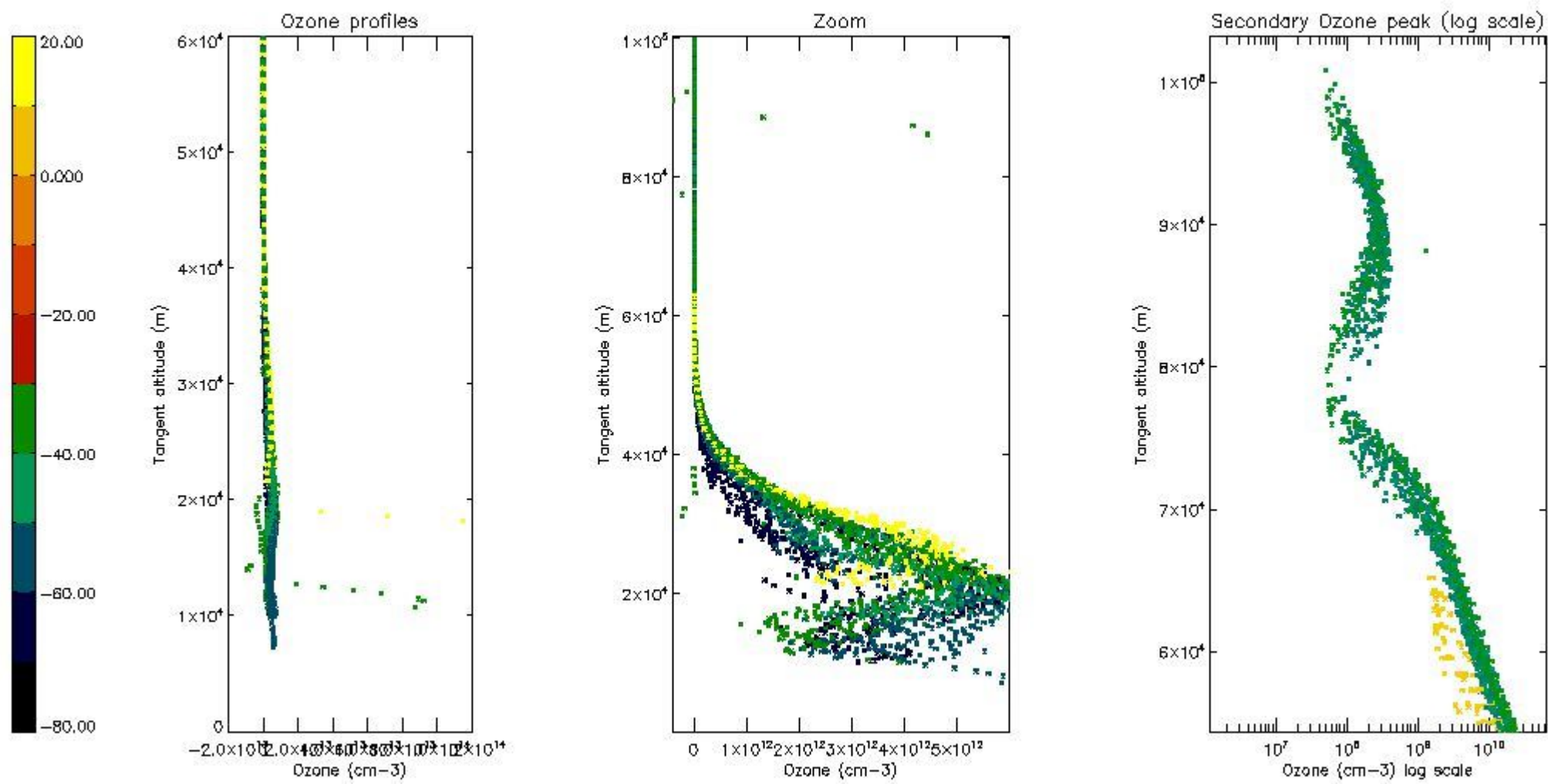
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



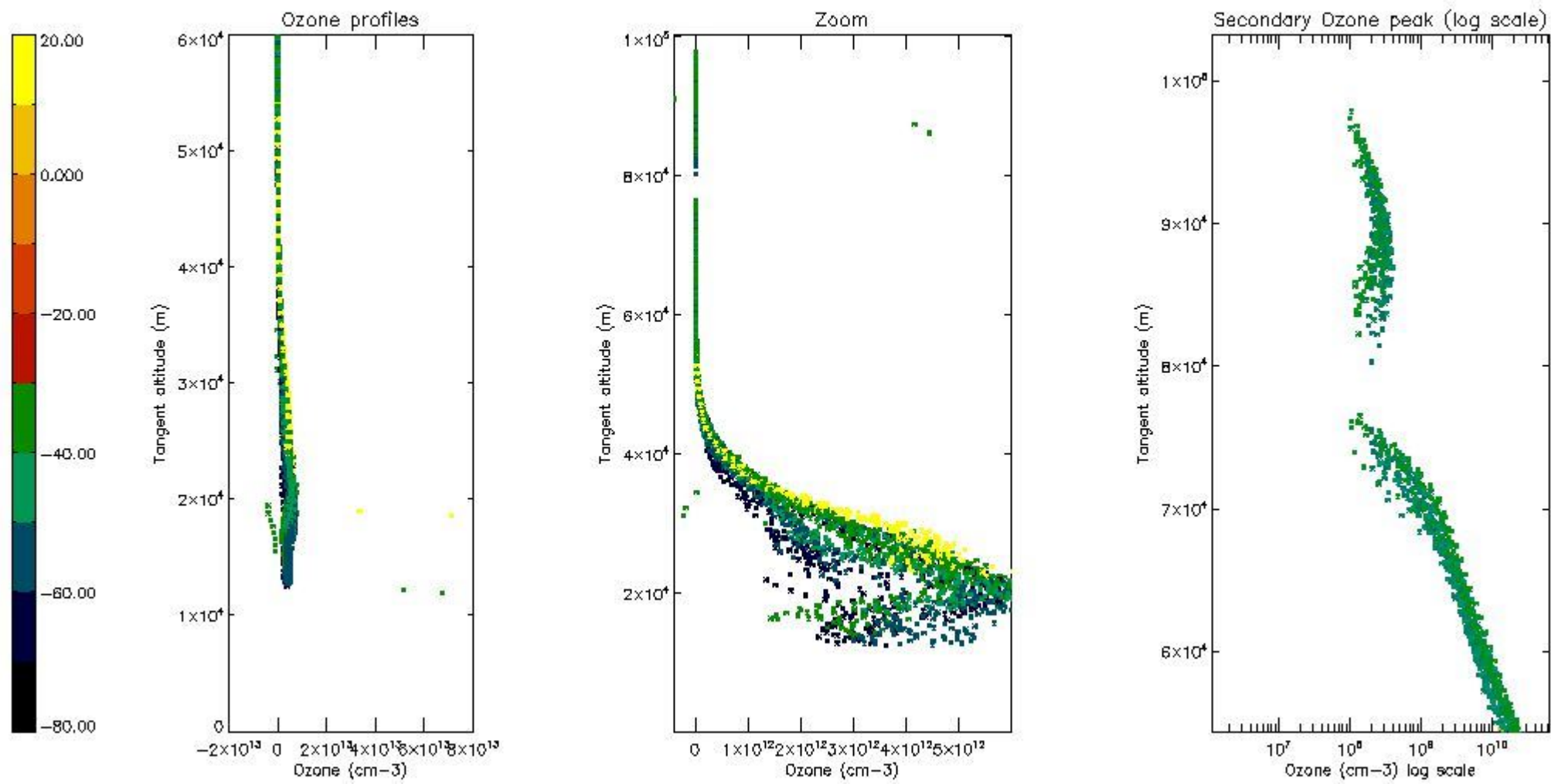
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



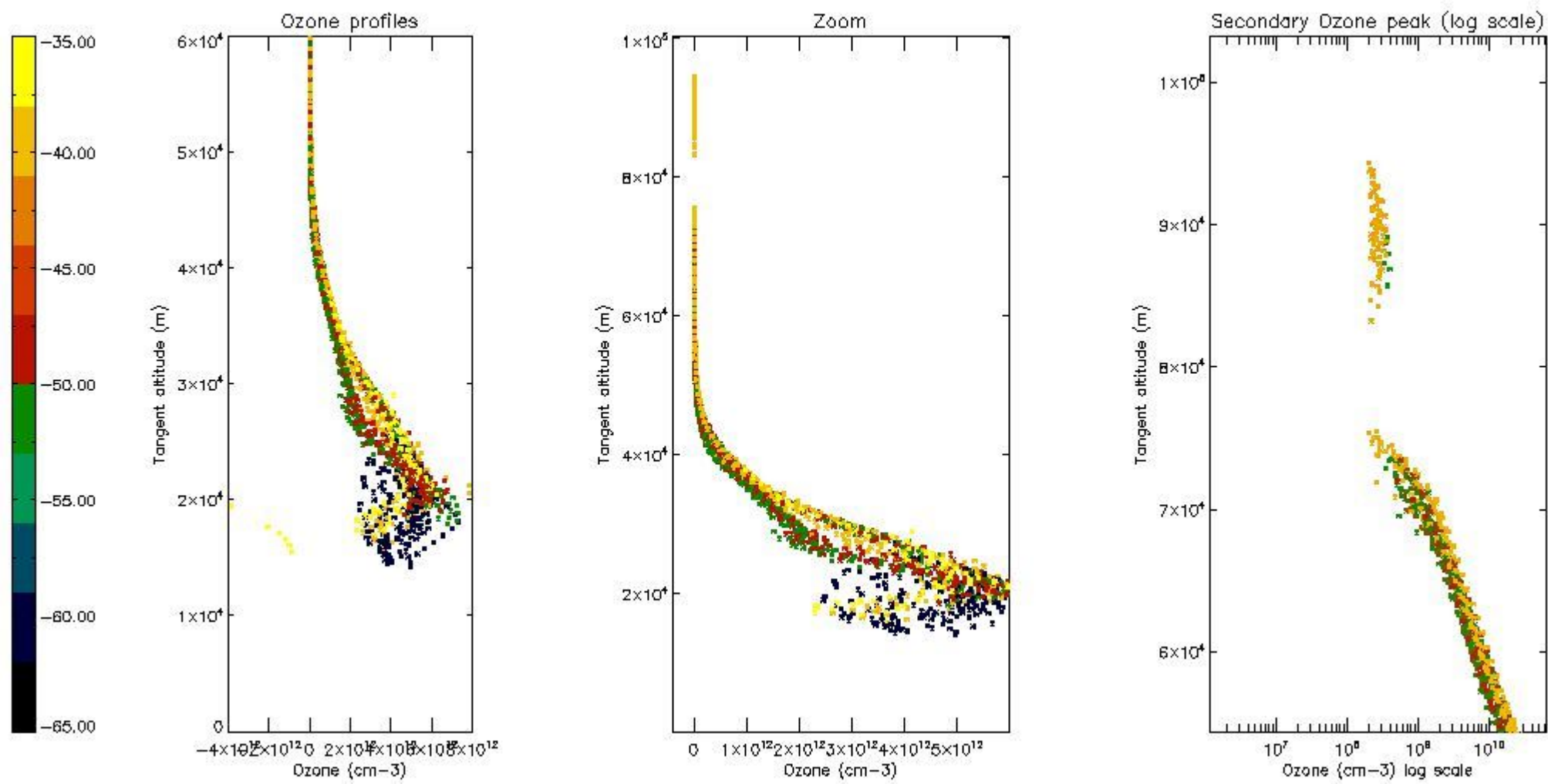
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



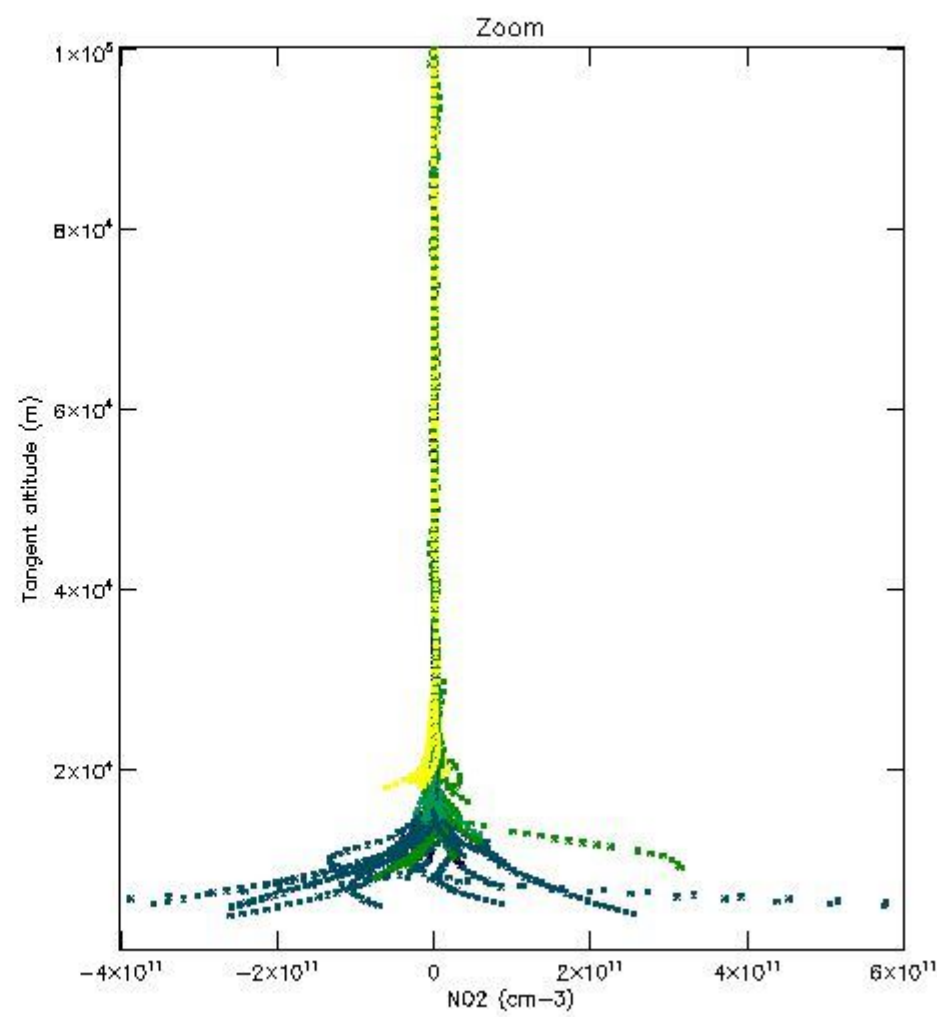
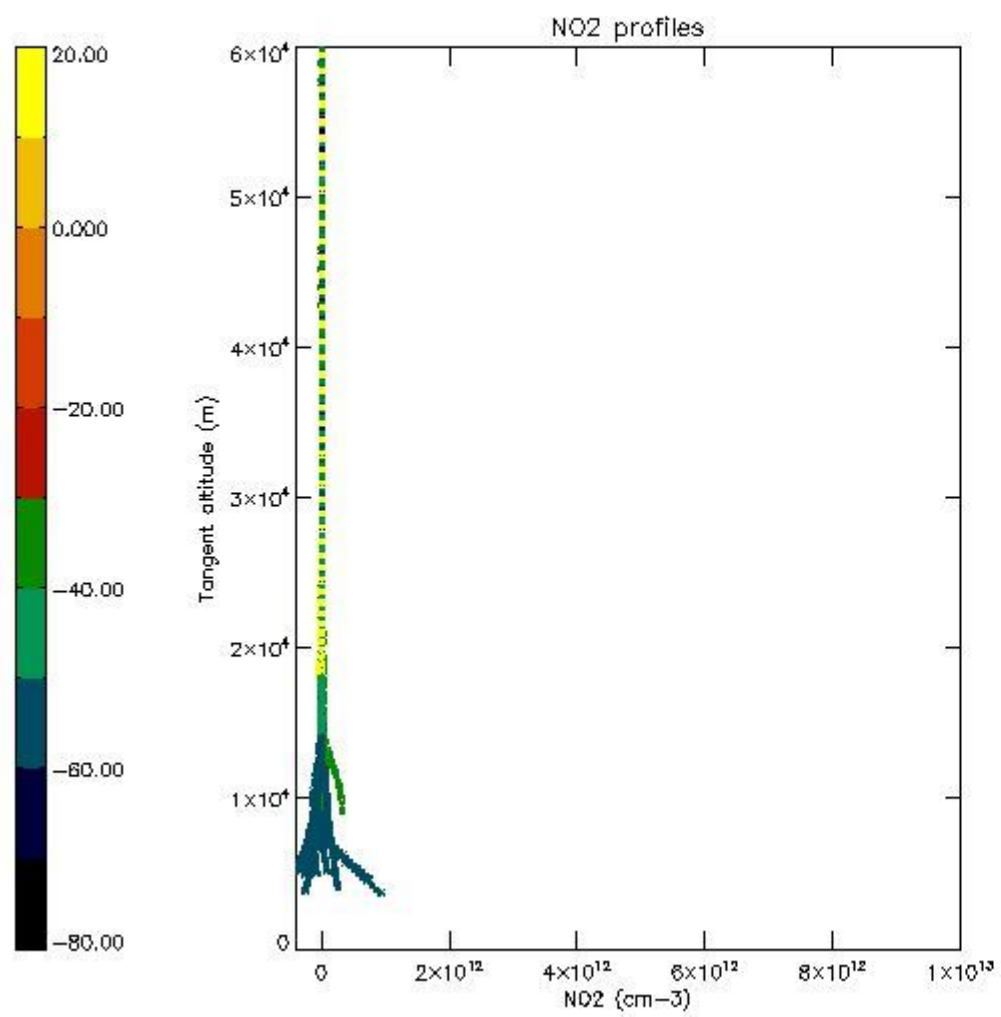
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



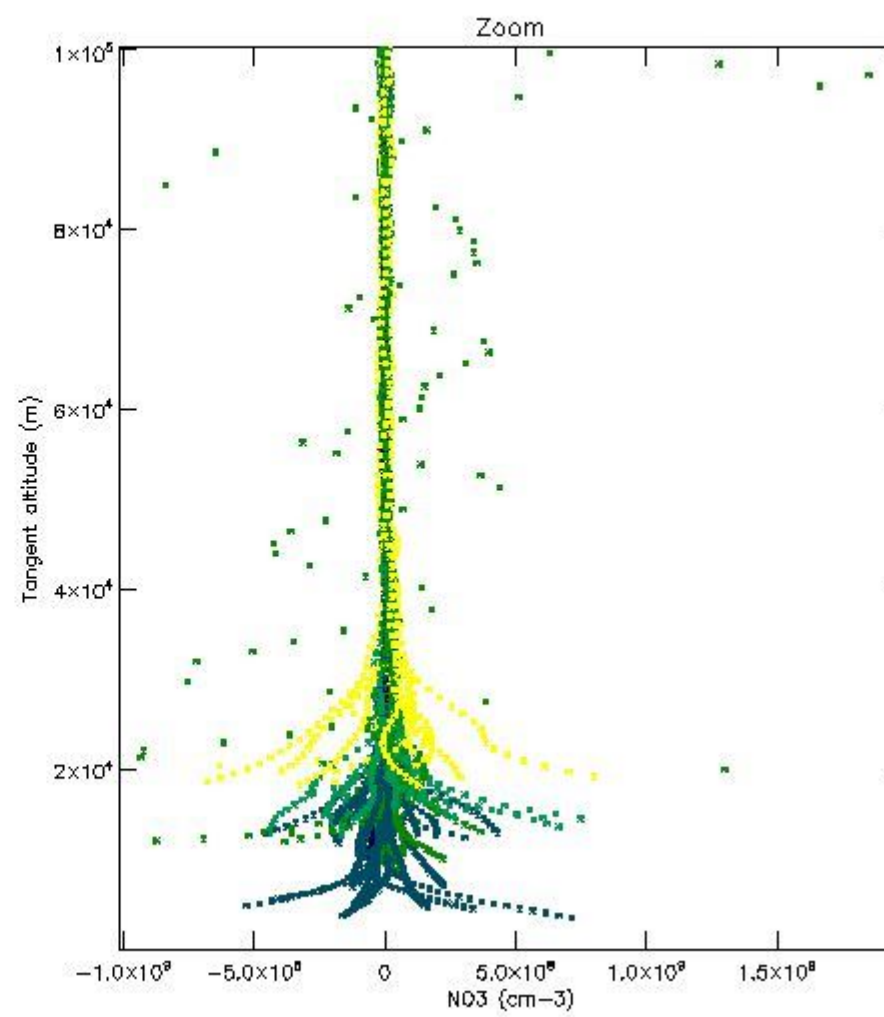
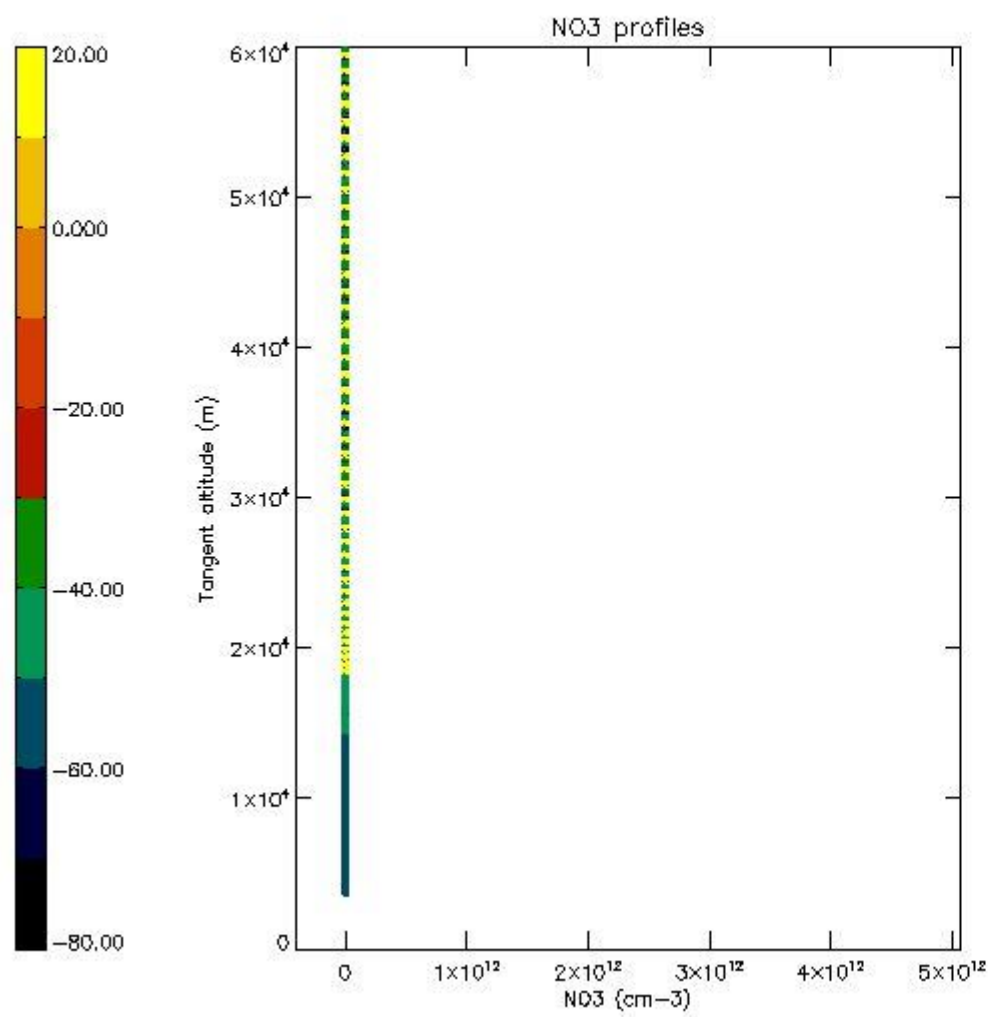
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



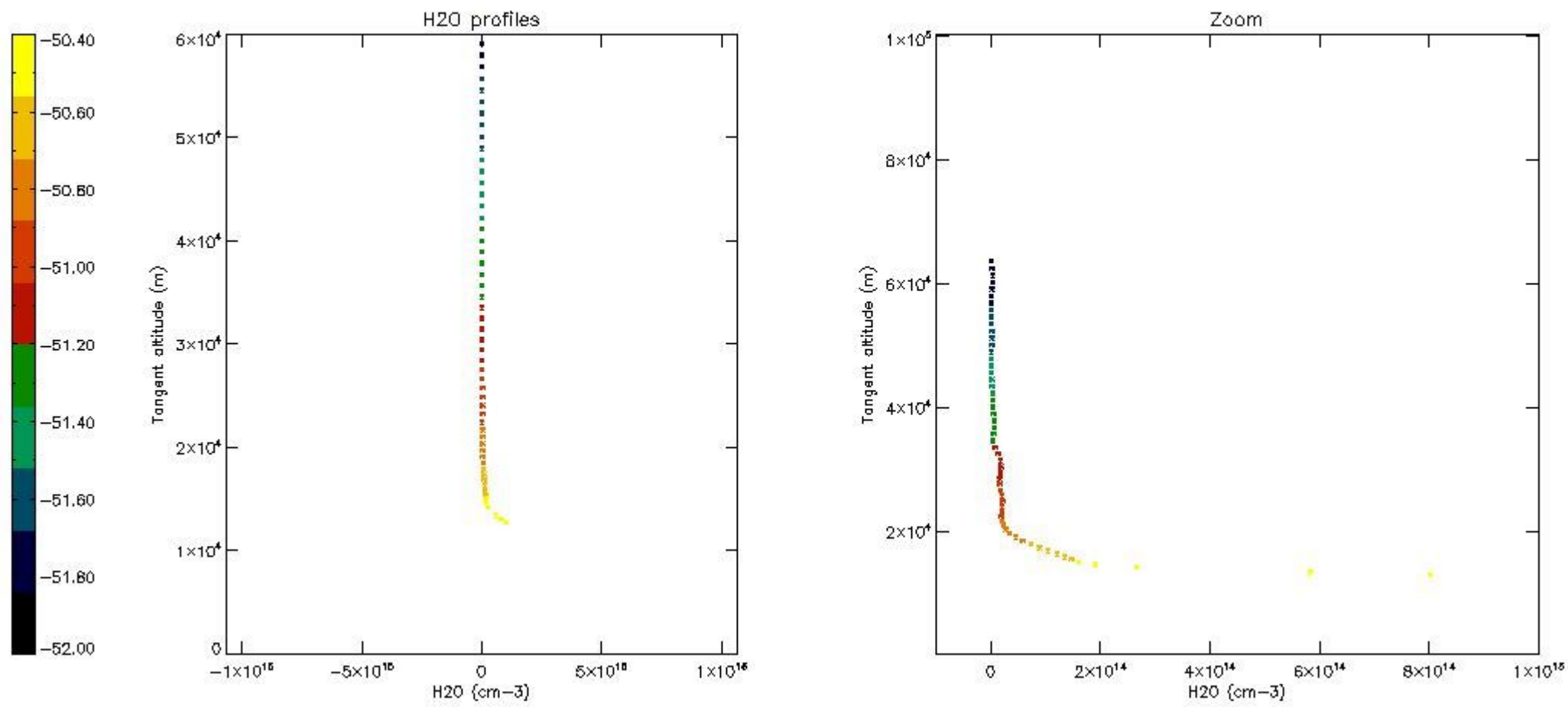
5.7 Plot NO3 profiles for all STD (dark without errors)

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	28-AUG-2009 00:01:16
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	28-AUG-2009 00:01:16
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	28-AUG-2009 00:01:16

GOMOS Level 2 Daily Report

SUMMARY

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

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[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 \(world map\)](#)

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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 \(dark without errors\)](#)

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

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

Item	Value
Time of report generation	26APR2013 12:16:02
Data source version	GOMOS/6.01
Start time of products	28-08-2009 (28AUG2009 00:00:00)
Stop time of products	29-08-2009 (29AUG2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	230
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__2PRFIN20090828_000116_000000502082_00045_39177_1595.N1	28-AUG-2009 00:01:16	Straylight	50.000	84	Alp Phe	2.3970	4500.0	100	39177	No
2	GOM_NL__2PRFIN20090828_000743_000000472082_00045_39177_1596.N1	28-AUG-2009 00:07:43	Straylight	47.000	18	24Alp PsA	1.1660	9700.0	94	39177	No
3	GOM_NL__2PRFIN20090828_001728_000000402082_00045_39177_1597.N1	28-AUG-2009 00:17:28	Bright	39.500	162	34Alp Aqr	2.9440	5350.0	79	39177	No
4	GOM_NL__2PRFIN20090828_002354_000000322082_00045_39177_1598.N1	28-AUG-2009 00:23:54	Twilight	32.000	90	54Alp Peg	2.4870	11000.0	64	39177	No
5	GOM_NL__2PRFIN20090828_002802_000000442082_00045_39177_1599.N1	28-AUG-2009 00:28:02	Bright	44.000	164	44Eta Peg	2.9480	5400.0	88	39177	No
6	GOM_NL__2PRFIN20090828_003850_000000422082_00045_39177_1600.N1	28-AUG-2009 00:38:50	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	39177	No
7	GOM_NL__2PRFIN20090828_004102_000000472082_00045_39177_1601.N1	28-AUG-2009 00:41:02	Bright	47.000	76	27Gam Cas	2.3000	30000.0	94	39177	No
8	GOM_NL__2PRFIN20090828_005519_000000552082_00045_39177_1602.N1	28-AUG-2009 00:55:19	Bright	55.000	6	13Alp Aur	0.080000	3400.0	110	39177	No
9	GOM_NL__2PRFIN20090828_005846_000000452082_00045_39177_1603.N1	28-AUG-2009 00:58:46	Bright	44.500	107	37The Aur	2.6490	11000.0	89	39177	No
10	GOM_NL__2PRFIN20090828_010221_000000552082_00045_39177_1604.N1	28-AUG-2009 01:02:21	Twilight	55.000	28	12Bet Tau	1.6500	15200.0	110	39177	No
11	GOM_NL__2PRFIN20090828_010521_000000492082_00045_39177_1605.N1	28-AUG-2009 01:05:21	Twilight	48.500	44	24Gam Gem	1.9280	11000.0	97	39177	No
12	GOM_NL__2PRFIN20090828_010935_000000662082_00045_39177_1606.N1	28-AUG-2009 01:09:35	Dark	65.500	14	58Alp Ori	0.87000	3000.0	131	39177	No
13	GOM_NL__2PRFIN20090828_011326_000000622082_00045_39177_1607.N1	28-AUG-2009 01:13:26	Dark	62.000	30	46Eps Ori	1.6940	30000.0	124	39177	No
14	GOM_NL__2PRFIN20090828_011521_000000552082_00045_39177_1608.N1	28-AUG-2009 01:15:21	Dark	54.500	56	53Kap Ori	2.0650	30000.0	109	39177	No
15	GOM_NL__2PRFIN20090828_011708_000000732082_00045_39177_1609.N1	28-AUG-2009 01:17:08	Dark	73.000	7	19Bet Ori	0.10000	14000.0	146	39177	No
16	GOM_NL__2PRFIN20090828_013323_000000542082_00046_39178_1612.N1	28-AUG-2009 01:33:23	Dark	54.000	157	The1Eri	2.9060	9300.0	108	39178	No
17	GOM_NL__2PRFIN20090828_014153_000000532082_00046_39178_1613.N1	28-AUG-2009 01:41:53	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	39178	No
18	GOM_NL__2PRFIN20090828_014819_000000462082_00046_39178_1614.N1	28-AUG-2009 01:48:19	Straylight	46.000	18	24Alp PsA	1.1660	9700.0	92	39178	No
19	GOM_NL__2PRFIN20090828_015803_000000402082_00046_39178_1615.N1	28-AUG-2009 01:58:03	Bright	40.000	162	34Alp Aqr	2.9440	5350.0	80	39178	No
20	GOM_NL__2PRFIN20090828_020429_000000392082_00046_39178_1616.N1	28-AUG-2009 02:04:29	Bright	39.000	90	54Alp Peg	2.4870	11000.0	78	39178	No
21	GOM_NL__2PRFIN20090828_020838_000000462082_00046_39178_1617.N1	28-AUG-2009 02:08:38	Bright	45.500	164	44Eta Peg	2.9480	5400.0	91	39178	No
22	GOM_NL__2PRFIN20090828_021926_000000412082_00046_39178_1618.N1	28-AUG-2009 02:19:26	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	39178	No
23	GOM_NL__2PRFIN20090828_022137_000000442082_00046_39178_1619.N1	28-AUG-2009 02:21:37	Bright	43.500	76	27Gam Cas	2.3000	30000.0	87	39178	No
24	GOM_NL__2PRFIN20090828_023554_000000582082_00046_39178_1620.N1	28-AUG-2009 02:35:54	Bright	58.000	6	13Alp Aur	0.080000	3400.0	116	39178	No
25	GOM_NL__2PRFIN20090828_023922_000000462082_00046_39178_1621.N1	28-AUG-2009 02:39:22	Bright	45.500	107	37The Aur	2.6490	11000.0	91	39178	No
26	GOM_NL__2PRFIN20090828_024257_000000522082_00046_39178_1622.N1	28-AUG-2009 02:42:57	Twilight	52.000	28	12Bet Tau	1.6500	15200.0	104	39178	No
27	GOM_NL__2PRFIN20090828_024415_000000542082_00046_39178_1623.N1	28-AUG-2009 02:44:15	Twilight	53.500	151	13Mu Gem	2.8900	3000.0	107	39178	No
28	GOM_NL__2PRFIN20090828_024557_000000482082_00046_39178_1624.N1	28-AUG-2009 02:45:57	Twilight	47.500	44	24Gam Gem	1.9280	11000.0	95	39178	No
29	GOM_NL__2PRFIN20090828_025011_000000692082_00046_39178_1625.N1	28-AUG-2009 02:50:11	Dark	68.500	14	58Alp Ori	0.87000	3000.0	137	39178	No
30	GOM_NL__2PRFIN20090828_025403_000000592082_00046_39178_1626.N1	28-AUG-2009 02:54:03	Dark	58.500	30	46Eps Ori	1.6940	30000.0	117	39178	No
31	GOM_NL__2PRFIN20090828_025745_000000742082_00046_39178_1627.N1	28-AUG-2009 02:57:45	Dark	73.500	7	19Bet Ori	0.10000	14000.0	147	39178	No
32	GOM_NL__2PRFIN20090828_030006_000000502082_00046_39178_1628.N1	28-AUG-2009 03:00:06	Dark	50.000	139	9Bet Lep	2.8330	5600.0	100	39178	No
33	GOM_NL__2PRFIN20090828_045438_000000552082_00048_39180_1638.N1	28-AUG-2009 04:54:38	Dark	55.000	157	The1Eri	2.9060	9300.0	110	39180	No
34	GOM_NL__2PRFIN20090828_050306_000000492082_00048_39180_1639.N1	28-AUG-2009 05:03:06	Straylight	48.500	84	Alp Phe	2.3970	4500.0	97	39180	No
35	GOM_NL__2PRFIN20090828_050931_000000482082_00048_39180_1640.N1	28-AUG-2009 05:09:31	Straylight	47.500	18	24Alp PsA	1.1660	9700.0	95	39180	No
36	GOM_NL__2PRFIN20090828_051915_000000402082_00048_39180_1641.N1	28-AUG-2009 05:19:15	Bright	39.500	162	34Alp Aqr	2.9440	5350.0	79	39180	No
37	GOM_NL__2PRFIN20090828_052540_000000452082_00048_39180_1642.N1	28-AUG-2009 05:25:40	Bright	45.000	90	54Alp Peg	2.4870	11000.0	90	39180	No
38	GOM_NL__2PRFIN20090828_052948_000000672082_00048_39180_1643.N1	28-AUG-2009 05:29:48	Bright	67.000	164	44Eta Peg	2.9480	5400.0	134	39180	No
39	GOM_NL__2PRFIN20090828_054036_000000462082_00048_39180_1644.N1	28-AUG-2009 05:40:36	Bright	46.000	74	11Bet Cas	2.2680	6600.0	92	39180	No
40	GOM_NL__2PRFIN20090828_054248_000000462082_00048_39180_1645.N1	28-AUG-2009 05:42:48	Bright	46.000	76	27Gam Cas	2.3000	30000.0	92	39180	No
41	GOM_NL__2PRFIN20090828_055706_000000532082_00048_39180_1646.N1	28-AUG-2009 05:57:06	Bright	53.000	6	13Alp Aur	0.080000	3400.0	106	39180	No
42	GOM_NL__2PRFIN20090828_060034_000000442082_00048_39180_1647.N1	28-AUG-2009 06:00:34	Bright	44.000	107	37The Aur	2.6490	11000.0	88	39180	No

43	GOM_NL__2PRFIN20090828_060409_000000412082_00048_39180_1648.N1	28-AUG-2009 06:04:09	Twilight	41.000	28	12Bet Tau	1.6500	15200.	82	39180	No
44	GOM_NL__2PRFIN20090828_060527_000000532082_00048_39180_1649.N1	28-AUG-2009 06:05:27	Twilight	52.500	151	13Mu Gem	2.8900	3000.0	105	39180	No
45	GOM_NL__2PRFIN20090828_060710_000000472082_00048_39180_1650.N1	28-AUG-2009 06:07:10	Twilight	46.500	44	24Gam Gem	1.9280	11000.	93	39180	No
46	GOM_NL__2PRFIN20090828_061125_000000722082_00048_39180_1651.N1	28-AUG-2009 06:11:25	Dark	72.000	14	58Alp Ori	0.87000	3000.0	144	39180	No
47	GOM_NL__2PRFIN20090828_061517_000000612082_00048_39180_1652.N1	28-AUG-2009 06:15:17	Dark	61.000	30	46Eps Ori	1.6940	30000.	122	39180	No
48	GOM_NL__2PRFIN20090828_061711_000000532082_00048_39180_1653.N1	28-AUG-2009 06:17:11	Dark	53.000	56	53Kap Ori	2.0650	30000.	106	39180	No
49	GOM_NL__2PRFIN20090828_061900_000000752082_00048_39180_1654.N1	28-AUG-2009 06:19:00	Dark	74.500	7	19Bet Ori	0.10000	14000.	149	39180	No
50	GOM_NL__2PRFIN20090828_062120_000000552082_00048_39180_1655.N1	28-AUG-2009 06:21:20	Dark	55.000	139	9Bet Lep	2.8330	5600.0	110	39180	No
51	GOM_NL__2PRFIN20090828_063515_000000552082_00049_39181_1655.N1	28-AUG-2009 06:35:15	Dark	55.000	157	The1Eri	2.9060	9300.0	110	39181	No
52	GOM_NL__2PRFIN20090828_064343_000000482082_00049_39181_1656.N1	28-AUG-2009 06:43:43	Straylight	48.000	84	Alp Phe	2.3970	4500.0	96	39181	No
53	GOM_NL__2PRFIN20090828_065007_000000462082_00049_39181_1657.N1	28-AUG-2009 06:50:07	Straylight	46.000	18	24Alp PsA	1.1660	9700.0	92	39181	No
54	GOM_NL__2PRFIN20090828_065951_000000402082_00049_39181_1658.N1	28-AUG-2009 06:59:51	Bright	40.000	162	34Alp Aqr	2.9440	5350.0	80	39181	No
55	GOM_NL__2PRFIN20090828_070615_000000452082_00049_39181_1659.N1	28-AUG-2009 07:06:15	Bright	45.000	90	54Alp Peg	2.4870	11000.	90	39181	No
56	GOM_NL__2PRFIN20090828_071024_000000522082_00049_39181_1660.N1	28-AUG-2009 07:10:24	Bright	51.500	164	44Eta Peg	2.9480	5400.0	103	39181	No
57	GOM_NL__2PRFIN20090828_072112_000000452082_00049_39181_1661.N1	28-AUG-2009 07:21:12	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	39181	No
58	GOM_NL__2PRFIN20090828_072323_000000472082_00049_39181_1662.N1	28-AUG-2009 07:23:23	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	39181	No
59	GOM_NL__2PRFIN20090828_073742_000000582082_00049_39181_1663.N1	28-AUG-2009 07:37:42	Bright	57.500	6	13Alp Aur	0.080000	3400.0	115	39181	No
60	GOM_NL__2PRFIN20090828_074110_000000442082_00049_39181_1664.N1	28-AUG-2009 07:41:10	Bright	43.500	107	37The Aur	2.6490	11000.	87	39181	No
61	GOM_NL__2PRFIN20090828_074446_000000412082_00049_39181_1665.N1	28-AUG-2009 07:44:46	Twilight	41.000	28	12Bet Tau	1.6500	15200.	82	39181	No
62	GOM_NL__2PRFIN20090828_074604_000000462082_00049_39181_1666.N1	28-AUG-2009 07:46:04	Twilight	46.000	151	13Mu Gem	2.8900	3000.0	92	39181	No
63	GOM_NL__2PRFIN20090828_074746_000000442082_00049_39181_1667.N1	28-AUG-2009 07:47:46	Twilight	44.000	44	24Gam Gem	1.9280	11000.	88	39181	No
64	GOM_NL__2PRFIN20090828_075201_000000702082_00049_39181_1668.N1	28-AUG-2009 07:52:01	Dark	70.000	14	58Alp Ori	0.87000	3000.0	140	39181	No
65	GOM_NL__2PRFIN20090828_075554_000000622082_00049_39181_1669.N1	28-AUG-2009 07:55:54	Dark	61.500	30	46Eps Ori	1.6940	30000.	123	39181	No
66	GOM_NL__2PRFIN20090828_075748_000000542082_00049_39181_1670.N1	28-AUG-2009 07:57:48	Dark	53.500	56	53Kap Ori	2.0650	30000.	107	39181	No
67	GOM_NL__2PRFIN20090828_075937_000000752082_00049_39181_1671.N1	28-AUG-2009 07:59:37	Dark	75.000	7	19Bet Ori	0.10000	14000.	150	39181	No
68	GOM_NL__2PRFIN20090828_080157_000000532082_00049_39181_1672.N1	28-AUG-2009 08:01:57	Dark	52.500	139	9Bet Lep	2.8330	5600.0	105	39181	No
69	GOM_NL__2PRFIN20090828_081552_000000532082_00050_39182_1675.N1	28-AUG-2009 08:15:52	Dark	53.000	157	The1Eri	2.9060	9300.0	106	39182	No
70	GOM_NL__2PRFIN20090828_082419_000000522082_00050_39182_1676.N1	28-AUG-2009 08:24:19	Straylight	52.000	84	Alp Phe	2.3970	4500.0	104	39182	No
71	GOM_NL__2PRFIN20090828_083044_000000472082_00050_39182_1677.N1	28-AUG-2009 08:30:44	Straylight	46.500	18	24Alp PsA	1.1660	9700.0	93	39182	No
72	GOM_NL__2PRFIN20090828_084027_000000492082_00050_39182_1678.N1	28-AUG-2009 08:40:27	Bright	48.500	162	34Alp Aqr	2.9440	5350.0	97	39182	No
73	GOM_NL__2PRFIN20090828_084650_000000502082_00050_39182_1679.N1	28-AUG-2009 08:46:50	Bright	50.000	90	54Alp Peg	2.4870	11000.	100	39182	No
74	GOM_NL__2PRFIN20090828_085059_000000462082_00050_39182_1680.N1	28-AUG-2009 08:50:59	Bright	45.500	164	44Eta Peg	2.9480	5400.0	91	39182	No
75	GOM_NL__2PRFIN20090828_090147_000000452082_00050_39182_1681.N1	28-AUG-2009 09:01:47	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	39182	No
76	GOM_NL__2PRFIN20090828_090358_000000482082_00050_39182_1682.N1	28-AUG-2009 09:03:58	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	39182	No
77	GOM_NL__2PRFIN20090828_091817_000000602082_00050_39182_1683.N1	28-AUG-2009 09:18:17	Bright	60.000	6	13Alp Aur	0.080000	3400.0	120	39182	No
78	GOM_NL__2PRFIN20090828_092146_000000452082_00050_39182_1684.N1	28-AUG-2009 09:21:46	Bright	44.500	107	37The Aur	2.6490	11000.	89	39182	No
79	GOM_NL__2PRFIN20090828_092522_000000332082_00050_39182_1685.N1	28-AUG-2009 09:25:22	Twilight	33.000	28	12Bet Tau	1.6500	15200.	66	39182	No
80	GOM_NL__2PRFIN20090828_092640_000000562082_00050_39182_1686.N1	28-AUG-2009 09:26:40	Twilight	55.500	151	13Mu Gem	2.8900	3000.0	111	39182	No
81	GOM_NL__2PRFIN20090828_092822_000000502082_00050_39182_1687.N1	28-AUG-2009 09:28:22	Twilight	50.000	44	24Gam Gem	1.9280	11000.	100	39182	No
82	GOM_NL__2PRFIN20090828_093238_000000722082_00050_39182_1688.N1	28-AUG-2009 09:32:38	Dark	72.000	14	58Alp Ori	0.87000	3000.0	144	39182	No
83	GOM_NL__2PRFIN20090828_093629_000000602082_00050_39182_1689.N1	28-AUG-2009 09:36:29	Dark	59.500	33	50Zet Ori	1.7660	30000.	119	39182	No
84	GOM_NL__2PRFIN20090828_093825_000000542082_00050_39182_1690.N1	28-AUG-2009 09:38:25	Dark	54.000	56	53Kap Ori	2.0650	30000.	108	39182	No
85	GOM_NL__2PRFIN20090828_094014_000000692082_00050_39182_1691.N1	28-AUG-2009 09:40:14	Dark	68.500	7	19Bet Ori	0.10000	14000.	137	39182	No
86	GOM_NL__2PRFIN20090828_094234_000000532082_00050_39182_1692.N1	28-AUG-2009 09:42:34	Dark	53.000	139	9Bet Lep	2.8330	5600.0	106	39182	No
87	GOM_NL__2PRFIN20090828_095629_000000552082_00051_39183_1711.N1	28-AUG-2009 09:56:29	Dark	55.000	157	The1Eri	2.9060	9300.0	110	39183	No
88	GOM_NL__2PRFIN20090828_100456_000000502082_00051_39183_1712.N1	28-AUG-2009 10:04:56	Straylight	50.000	84	Alp Phe	2.3970	4500.0	100	39183	No
89	GOM_NL__2PRFIN20090828_101120_000000462082_00051_39183_1713.N1	28-AUG-2009 10:11:20	Straylight	46.000	18	24Alp PsA	1.1660	9700.0	92	39183	No
90	GOM_NL__2PRFIN20090828_102103_000000582082_00051_39183_1714.N1	28-AUG-2009 10:21:03	Bright	58.000	162	34Alp Aqr	2.9440	5350.0	116	39183	No
91	GOM_NL__2PRFIN20090828_102726_000000522082_00051_39183_1715.N1	28-AUG-2009 10:27:26	Bright	52.000	90	54Alp Peg	2.4870	11000.	104	39183	No
92	GOM_NL__2PRFIN20090828_103134_000000452082_00051_39183_1716.N1	28-AUG-2009 10:31:34	Bright	45.000	164	44Eta Peg	2.9480	5400.0	90	39183	No
93	GOM_NL__2PRFIN20090828_104222_000000432082_00051_39183_1717.N1	28-AUG-2009 10:42:22	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	39183	No
94	GOM_NL__2PRFIN20090828_104433_000000472082_00051_39183_1718.N1	28-AUG-2009 10:44:33	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	39183	No
95	GOM_NL__2PRFIN20090828_105853_000000562082_00051_39183_1719.N1	28-AUG-2009 10:58:53	Bright	56.000	6	13Alp Aur	0.080000	3400.0	112	39183	No
96	GOM_NL__2PRFIN20090828_110222_000000462082_00051_39183_1720.N1	28-AUG-2009 11:02:22	Bright	45.500	107	37The Aur	2.6490	11000.	91	39183	No
97	GOM_NL__2PRFIN20090828_110558_000000332082_00051_39183_1721.N1	28-AUG-2009 11:05:58	Twilight	33.000	28	12Bet Tau	1.6500	15200.	66	39183	No
98	GOM_NL__2PRFIN20090828_110716_000000552082_00051_39183_1722.N1	28-AUG-2009 11:07:16	Twilight	54.500	151	13Mu Gem	2.8900	3000.0	109	39183	No
99	GOM_NL__2PRFIN20090828_110858_000000492082_00051_39183_1723.N1	28-AUG-2009 11:08:58	Twilight	48.500	44	24Gam Gem	1.9280	11000.	97	39183	No
100	GOM_NL__2PRFIN20090828_111315_000000702082_00051_39183_1724.N1	28-AUG-2009 11:13:15	Dark	70.000	14	58Alp Ori	0.87000	3000.0	140	39183	No
101	GOM_NL__2PRFIN20090828_111705_000000582082_00051_39183_1725.N1	28-AUG-2009 11:17:05	Dark	58.000	33	50Zet Ori	1.7660	30000.	116	39183	No

102	GOM_NL__2PRFIN20090828_111902_00000522082_00051_39183_1726.N1	28-AUG-2009 11:19:02	Dark	52.000	56	53Kap Ori	2.0650	30000.	104	39183	No
103	GOM_NL__2PRFIN20090828_112052_00000732082_00051_39183_1727.N1	28-AUG-2009 11:20:52	Dark	73.000	7	19Bet Ori	0.10000	14000.	146	39183	No
104	GOM_NL__2PRFIN20090828_112311_00000512082_00051_39183_1728.N1	28-AUG-2009 11:23:11	Dark	51.000	139	9Bet Lep	2.8330	5600.0	102	39183	No
105	GOM_NL__2PRFIN20090828_113706_00000552082_00052_39184_1726.N1	28-AUG-2009 11:37:06	Dark	54.500	157	The1Eri	2.9060	9300.0	109	39184	No
106	GOM_NL__2PRFIN20090828_114532_00000482082_00052_39184_1727.N1	28-AUG-2009 11:45:32	Straylight	47.500	84	Alp Phe	2.3970	4500.0	95	39184	No
107	GOM_NL__2PRFIN20090828_115156_00000462082_00052_39184_1728.N1	28-AUG-2009 11:51:56	Straylight	45.500	18	24Alp PsA	1.1660	9700.0	91	39184	No
108	GOM_NL__2PRFIN20090828_120139_00000402082_00052_39184_1729.N1	28-AUG-2009 12:01:39	Bright	39.500	162	34Alp Aqr	2.9440	5350.0	79	39184	No
109	GOM_NL__2PRFIN20090828_120801_00000502082_00052_39184_1730.N1	28-AUG-2009 12:08:01	Bright	50.000	90	54Alp Peg	2.4870	11000.	100	39184	No
110	GOM_NL__2PRFIN20090828_121210_00000452082_00052_39184_1731.N1	28-AUG-2009 12:12:10	Bright	44.500	164	44Eta Peg	2.9480	5400.0	89	39184	No
111	GOM_NL__2PRFIN20090828_122257_00000462082_00052_39184_1732.N1	28-AUG-2009 12:22:57	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	39184	No
112	GOM_NL__2PRFIN20090828_122508_00000482082_00052_39184_1733.N1	28-AUG-2009 12:25:08	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	39184	No
113	GOM_NL__2PRFIN20090828_123929_00000582082_00052_39184_1734.N1	28-AUG-2009 12:39:29	Bright	58.000	6	13Alp Aur	0.080000	3400.0	116	39184	No
114	GOM_NL__2PRFIN20090828_124258_00000482082_00052_39184_1735.N1	28-AUG-2009 12:42:58	Bright	48.000	107	37The Aur	2.6490	11000.	96	39184	No
115	GOM_NL__2PRFIN20090828_124634_00000252082_00052_39184_1736.N1	28-AUG-2009 12:46:34	Tw_i_and_stray	25.000	28	12Bet Tau	1.6500	15200.	50	39184	No
116	GOM_NL__2PRFIN20090828_124752_00000532082_00052_39184_1737.N1	28-AUG-2009 12:47:52	Tw_i_and_stray	53.000	151	13Mu Gem	2.8900	3000.0	106	39184	No
117	GOM_NL__2PRFIN20090828_124935_00000472082_00052_39184_1738.N1	28-AUG-2009 12:49:35	Tw_i_and_stray	47.000	44	24Gam Gem	1.9280	11000.	94	39184	No
118	GOM_NL__2PRFIN20090828_125351_00000632082_00052_39184_1739.N1	28-AUG-2009 12:53:51	Dark	62.500	14	58Alp Ori	0.87000	3000.0	125	39184	No
119	GOM_NL__2PRFIN20090828_125742_00000562082_00052_39184_1740.N1	28-AUG-2009 12:57:42	Dark	55.500	33	50Zet Ori	1.7660	30000.	111	39184	No
120	GOM_NL__2PRFIN20090828_125939_00000512082_00052_39184_1741.N1	28-AUG-2009 12:59:39	Dark	51.000	56	53Kap Ori	2.0650	30000.	102	39184	No
121	GOM_NL__2PRFIN20090828_130129_00000722082_00052_39184_1742.N1	28-AUG-2009 13:01:29	Dark	72.000	7	19Bet Ori	0.10000	14000.	144	39184	No
122	GOM_NL__2PRFIN20090828_130348_00000502082_00052_39184_1743.N1	28-AUG-2009 13:03:48	Dark	50.000	139	9Bet Lep	2.8330	5600.0	100	39184	No
123	GOM_NL__2PRFIN20090828_131743_00000562082_00053_39185_1740.N1	28-AUG-2009 13:17:43	Dark	55.500	157	The1Eri	2.9060	9300.0	111	39185	No
124	GOM_NL__2PRFIN20090828_132609_00000532082_00053_39185_1741.N1	28-AUG-2009 13:26:09	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	39185	No
125	GOM_NL__2PRFIN20090828_133232_00000462082_00053_39185_1742.N1	28-AUG-2009 13:32:32	Straylight	46.000	18	24Alp PsA	1.1660	9700.0	92	39185	No
126	GOM_NL__2PRFIN20090828_134214_00000402082_00053_39185_1743.N1	28-AUG-2009 13:42:14	Bright	39.500	162	34Alp Aqr	2.9440	5350.0	79	39185	No
127	GOM_NL__2PRFIN20090828_134836_00000502082_00053_39185_1744.N1	28-AUG-2009 13:48:36	Bright	49.500	90	54Alp Peg	2.4870	11000.	99	39185	No
128	GOM_NL__2PRFIN20090828_135245_00000442082_00053_39185_1745.N1	28-AUG-2009 13:52:45	Bright	44.000	164	44Eta Peg	2.9480	5400.0	88	39185	No
129	GOM_NL__2PRFIN20090828_140332_00000442082_00053_39185_1746.N1	28-AUG-2009 14:03:32	Bright	44.000	74	11Bet Cas	2.2680	6600.0	88	39185	No
130	GOM_NL__2PRFIN20090828_140544_00000452082_00053_39185_1747.N1	28-AUG-2009 14:05:44	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	39185	No
131	GOM_NL__2PRFIN20090828_142004_00000572082_00053_39185_1748.N1	28-AUG-2009 14:20:04	Bright	57.000	6	13Alp Aur	0.080000	3400.0	114	39185	No
132	GOM_NL__2PRFIN20090828_142334_00000462082_00053_39185_1749.N1	28-AUG-2009 14:23:34	Bright	46.000	107	37The Aur	2.6490	11000.	92	39185	No
133	GOM_NL__2PRFIN20090828_142710_00000252082_00053_39185_1750.N1	28-AUG-2009 14:27:10	Tw_i_and_stray	25.000	28	12Bet Tau	1.6500	15200.	50	39185	No
134	GOM_NL__2PRFIN20090828_142828_00000542082_00053_39185_1751.N1	28-AUG-2009 14:28:28	Tw_i_and_stray	53.500	151	13Mu Gem	2.8900	3000.0	107	39185	No
135	GOM_NL__2PRFIN20090828_143011_00000472082_00053_39185_1752.N1	28-AUG-2009 14:30:11	Tw_i_and_stray	47.000	44	24Gam Gem	1.9280	11000.	94	39185	No
136	GOM_NL__2PRFIN20090828_143428_00000672082_00053_39185_1753.N1	28-AUG-2009 14:34:28	Dark	66.500	14	58Alp Ori	0.87000	3000.0	133	39185	No
137	GOM_NL__2PRFIN20090828_143819_00000592082_00053_39185_1754.N1	28-AUG-2009 14:38:19	Dark	59.000	33	50Zet Ori	1.7660	30000.	118	39185	No
138	GOM_NL__2PRFIN20090828_144016_00000532082_00053_39185_1755.N1	28-AUG-2009 14:40:16	Dark	53.000	56	53Kap Ori	2.0650	30000.	106	39185	No
139	GOM_NL__2PRFIN20090828_144206_00000722082_00053_39185_1756.N1	28-AUG-2009 14:42:06	Dark	72.000	7	19Bet Ori	0.10000	14000.	144	39185	No
140	GOM_NL__2PRFIN20090828_144425_00000522082_00053_39185_1757.N1	28-AUG-2009 14:44:25	Dark	52.000	139	9Bet Lep	2.8330	5600.0	104	39185	No
141	GOM_NL__2PRFIN20090828_145820_00000562082_00054_39186_1754.N1	28-AUG-2009 14:58:20	Dark	56.000	157	The1Eri	2.9060	9300.0	112	39186	No
142	GOM_NL__2PRFIN20090828_150645_00000532082_00054_39186_1755.N1	28-AUG-2009 15:06:45	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	39186	No
143	GOM_NL__2PRFIN20090828_151308_00000472082_00054_39186_1756.N1	28-AUG-2009 15:13:08	Straylight	47.000	18	24Alp PsA	1.1660	9700.0	94	39186	No
144	GOM_NL__2PRFIN20090828_152250_00000402082_00054_39186_1757.N1	28-AUG-2009 15:22:50	Bright	39.500	162	34Alp Aqr	2.9440	5350.0	79	39186	No
145	GOM_NL__2PRFIN20090828_152911_00000502082_00054_39186_1758.N1	28-AUG-2009 15:29:11	Bright	50.000	90	54Alp Peg	2.4870	11000.	100	39186	No
146	GOM_NL__2PRFIN20090828_153320_00000452082_00054_39186_1759.N1	28-AUG-2009 15:33:20	Bright	45.000	164	44Eta Peg	2.9480	5400.0	90	39186	No
147	GOM_NL__2PRFIN20090828_154408_00000412082_00054_39186_1760.N1	28-AUG-2009 15:44:08	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	39186	No
148	GOM_NL__2PRFIN20090828_154619_00000462082_00054_39186_1761.N1	28-AUG-2009 15:46:19	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	39186	No
149	GOM_NL__2PRFIN20090828_160040_00000602082_00054_39186_1762.N1	28-AUG-2009 16:00:40	Bright	59.500	6	13Alp Aur	0.080000	3400.0	119	39186	No
150	GOM_NL__2PRFIN20090828_160410_00000582082_00054_39186_1763.N1	28-AUG-2009 16:04:10	Bright	57.500	107	37The Aur	2.6490	11000.	115	39186	No
151	GOM_NL__2PRFIN20090828_160905_00000562082_00054_39186_1764.N1	28-AUG-2009 16:09:05	Tw_i_and_stray	56.000	151	13Mu Gem	2.8900	3000.0	112	39186	No
152	GOM_NL__2PRFIN20090828_161047_00000462082_00054_39186_1765.N1	28-AUG-2009 16:10:47	Tw_i_and_stray	45.500	44	24Gam Gem	1.9280	11000.	91	39186	No
153	GOM_NL__2PRFIN20090828_161505_00000702082_00054_39186_1766.N1	28-AUG-2009 16:15:05	Dark	70.000	14	58Alp Ori	0.87000	3000.0	140	39186	No
154	GOM_NL__2PRFIN20090828_161856_00000592082_00054_39186_1767.N1	28-AUG-2009 16:18:56	Dark	59.000	33	50Zet Ori	1.7660	30000.	118	39186	No
155	GOM_NL__2PRFIN20090828_162053_00000552082_00054_39186_1768.N1	28-AUG-2009 16:20:53	Dark	55.000	56	53Kap Ori	2.0650	30000.	110	39186	No
156	GOM_NL__2PRFIN20090828_162243_00000652082_00054_39186_1769.N1	28-AUG-2009 16:22:43	Dark	65.000	7	19Bet Ori	0.10000	14000.	130	39186	No
157	GOM_NL__2PRFIN20090828_162502_00000552082_00054_39186_1770.N1	28-AUG-2009 16:25:02	Dark	55.000	139	9Bet Lep	2.8330	5600.0	110	39186	No
158	GOM_NL__2PRFIN20090828_163858_00000542082_00055_39187_1768.N1	28-AUG-2009 16:38:58	Dark	54.000	157	The1Eri	2.9060	9300.0	108	39187	No
159	GOM_NL__2PRFIN20090828_164722_00000582082_00055_39187_1769.N1	28-AUG-2009 16:47:22	Straylight	57.500	84	Alp Phe	2.3970	4500.0	115	39187	No
160	GOM_NL__2PRFIN20090828_165345_00000472082_00055_39187_1770.N1	28-AUG-2009 16:53:45	Straylight	47.000	18	24Alp PsA	1.1660	9700.0	94	39187	No

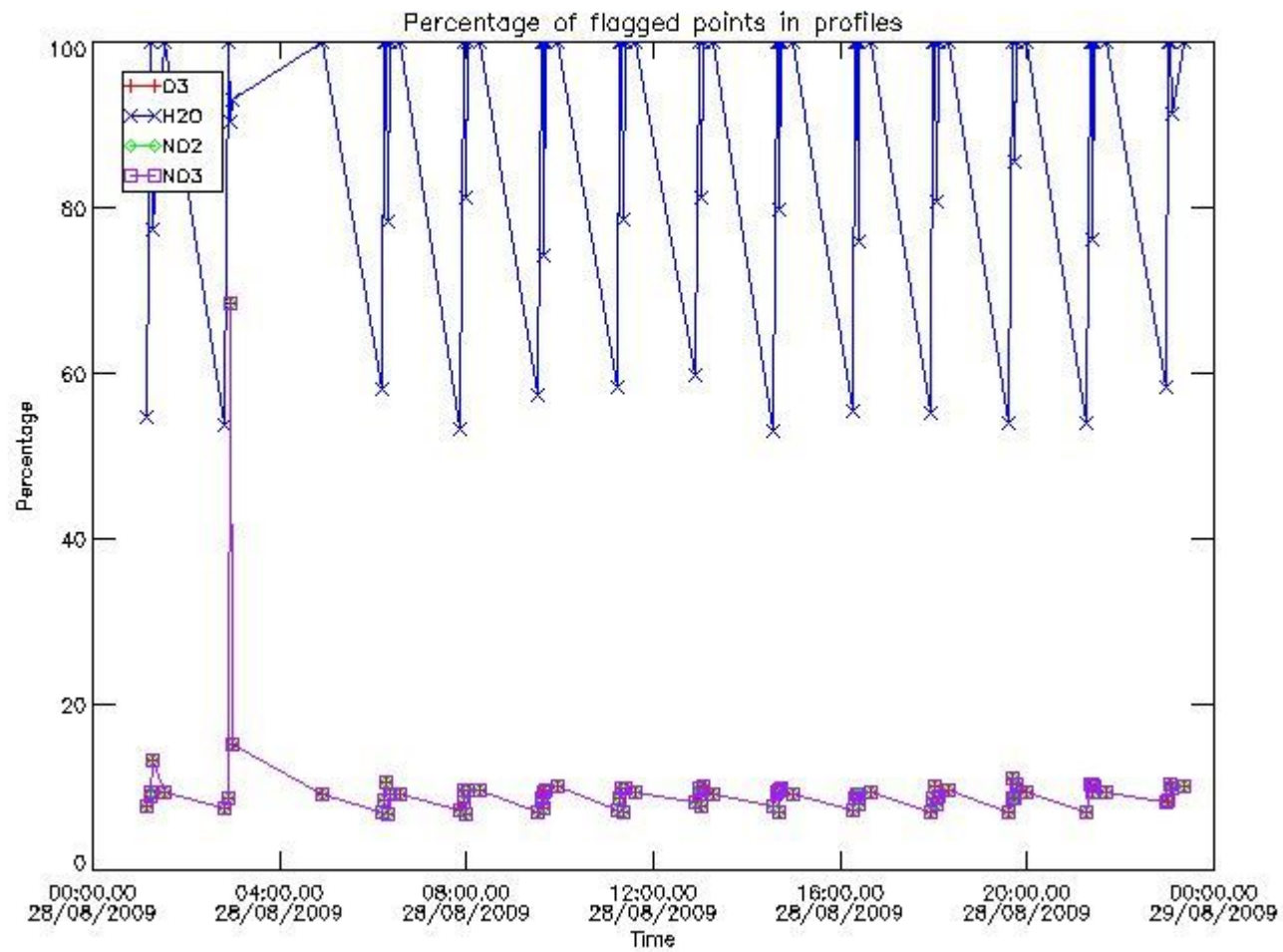
161	GOM_NL__2PRFIN20090828_170326_000000422082_00055_39187_1771.N1	28-AUG-2009 17:03:26	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	39187	No
162	GOM_NL__2PRFIN20090828_170947_000000502082_00055_39187_1772.N1	28-AUG-2009 17:09:47	Bright	50.000	90	54Alp Peg	2.4870	11000.	100	39187	No
163	GOM_NL__2PRFIN20090828_171356_000000462082_00055_39187_1773.N1	28-AUG-2009 17:13:56	Bright	45.500	164	44Eta Peg	2.9480	5400.0	91	39187	No
164	GOM_NL__2PRFIN20090828_172443_000000462082_00055_39187_1774.N1	28-AUG-2009 17:24:43	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	39187	No
165	GOM_NL__2PRFIN20090828_172654_000000482082_00055_39187_1775.N1	28-AUG-2009 17:26:54	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	39187	No
166	GOM_NL__2PRFIN20090828_174116_000000622082_00055_39187_1776.N1	28-AUG-2009 17:41:16	Bright	61.500	6	13Alp Aur	0.080000	3400.0	123	39187	No
167	GOM_NL__2PRFIN20090828_174446_000000472082_00055_39187_1777.N1	28-AUG-2009 17:44:46	Bright	46.500	107	37The Aur	2.6490	11000.	93	39187	No
168	GOM_NL__2PRFIN20090828_174941_000000602082_00055_39187_1778.N1	28-AUG-2009 17:49:41	Tw_i_and_stray	59.500	151	13Mu Gem	2.8900	3000.0	119	39187	No
169	GOM_NL__2PRFIN20090828_175124_000000502082_00055_39187_1779.N1	28-AUG-2009 17:51:24	Tw_i_and_stray	50.000	44	24Gam Gem	1.9280	11000.	100	39187	No
170	GOM_NL__2PRFIN20090828_175541_000000722082_00055_39187_1780.N1	28-AUG-2009 17:55:41	Dark	72.000	14	58Alp Ori	0.87000	3000.0	144	39187	No
171	GOM_NL__2PRFIN20090828_175933_000000582082_00055_39187_1781.N1	28-AUG-2009 17:59:33	Dark	58.000	33	50Zet Ori	1.7660	30000.	116	39187	No
172	GOM_NL__2PRFIN20090828_180130_000000512082_00055_39187_1782.N1	28-AUG-2009 18:01:30	Dark	50.500	56	53Kap Ori	2.0650	30000.	101	39187	No
173	GOM_NL__2PRFIN20090828_180321_000000652082_00055_39187_1783.N1	28-AUG-2009 18:03:21	Dark	65.000	7	19Bet Ori	0.10000	14000.	130	39187	No
174	GOM_NL__2PRFIN20090828_180539_000000572082_00055_39187_1784.N1	28-AUG-2009 18:05:39	Dark	57.000	139	9Bet Lep	2.8330	5600.0	114	39187	No
175	GOM_NL__2PRFIN20090828_181935_000000542082_00056_39188_1784.N1	28-AUG-2009 18:19:35	Dark	53.500	157	The1Eri	2.9060	9300.0	107	39188	No
176	GOM_NL__2PRFIN20090828_182759_000000572082_00056_39188_1785.N1	28-AUG-2009 18:27:59	Straylight	56.500	84	Alp Phe	2.3970	4500.0	113	39188	No
177	GOM_NL__2PRFIN20090828_183421_000000482082_00056_39188_1786.N1	28-AUG-2009 18:34:21	Straylight	47.500	18	24Alp PsA	1.1660	9700.0	95	39188	No
178	GOM_NL__2PRFIN20090828_184402_000000412082_00056_39188_1787.N1	28-AUG-2009 18:44:02	Bright	41.000	162	34Alp Aqr	2.9440	5350.0	82	39188	No
179	GOM_NL__2PRFIN20090828_185022_000000522082_00056_39188_1788.N1	28-AUG-2009 18:50:22	Bright	51.500	90	54Alp Peg	2.4870	11000.	103	39188	No
180	GOM_NL__2PRFIN20090828_185431_000000442082_00056_39188_1789.N1	28-AUG-2009 18:54:31	Bright	44.000	164	44Eta Peg	2.9480	5400.0	88	39188	No
181	GOM_NL__2PRFIN20090828_190519_000000452082_00056_39188_1790.N1	28-AUG-2009 19:05:19	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	39188	No
182	GOM_NL__2PRFIN20090828_190729_000000472082_00056_39188_1791.N1	28-AUG-2009 19:07:29	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	39188	No
183	GOM_NL__2PRFIN20090828_192152_000000582082_00056_39188_1792.N1	28-AUG-2009 19:21:52	Bright	58.000	6	13Alp Aur	0.080000	3400.0	116	39188	No
184	GOM_NL__2PRFIN20090828_192522_000000432082_00056_39188_1793.N1	28-AUG-2009 19:25:22	Bright	43.000	107	37The Aur	2.6490	11000.	86	39188	No
185	GOM_NL__2PRFIN20090828_193017_000000532082_00056_39188_1794.N1	28-AUG-2009 19:30:17	Tw_i_and_stray	52.500	151	13Mu Gem	2.8900	3000.0	105	39188	No
186	GOM_NL__2PRFIN20090828_193200_000000462082_00056_39188_1795.N1	28-AUG-2009 19:32:00	Tw_i_and_stray	45.500	44	24Gam Gem	1.9280	11000.	91	39188	No
187	GOM_NL__2PRFIN20090828_193618_000000722082_00056_39188_1796.N1	28-AUG-2009 19:36:18	Dark	72.000	14	58Alp Ori	0.87000	3000.0	144	39188	No
188	GOM_NL__2PRFIN20090828_194012_000000592082_00056_39188_1797.N1	28-AUG-2009 19:40:12	Dark	58.500	30	46Eps Ori	1.6940	30000.	117	39188	No
189	GOM_NL__2PRFIN20090828_194207_000000512082_00056_39188_1798.N1	28-AUG-2009 19:42:07	Dark	51.000	56	53Kap Ori	2.0650	30000.	102	39188	No
190	GOM_NL__2PRFIN20090828_194358_000000592082_00056_39188_1799.N1	28-AUG-2009 19:43:58	Dark	59.000	7	19Bet Ori	0.10000	14000.	118	39188	No
191	GOM_NL__2PRFIN20090828_194616_000000492082_00056_39188_1800.N1	28-AUG-2009 19:46:16	Dark	49.000	139	9Bet Lep	2.8330	5600.0	98	39188	No
192	GOM_NL__2PRFIN20090828_200012_000000552082_00057_39189_1802.N1	28-AUG-2009 20:00:12	Dark	54.500	157	The1Eri	2.9060	9300.0	109	39189	No
193	GOM_NL__2PRFIN20090828_200835_000000492082_00057_39189_1803.N1	28-AUG-2009 20:08:35	Straylight	48.500	84	Alp Phe	2.3970	4500.0	97	39189	No
194	GOM_NL__2PRFIN20090828_201457_000000492082_00057_39189_1804.N1	28-AUG-2009 20:14:57	Straylight	48.500	18	24Alp PsA	1.1660	9700.0	97	39189	No
195	GOM_NL__2PRFIN20090828_202438_000000412082_00057_39189_1805.N1	28-AUG-2009 20:24:38	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	39189	No
196	GOM_NL__2PRFIN20090828_203057_000000522082_00057_39189_1806.N1	28-AUG-2009 20:30:57	Bright	51.500	90	54Alp Peg	2.4870	11000.	103	39189	No
197	GOM_NL__2PRFIN20090828_203506_000000442082_00057_39189_1807.N1	28-AUG-2009 20:35:06	Bright	44.000	164	44Eta Peg	2.9480	5400.0	88	39189	No
198	GOM_NL__2PRFIN20090828_204554_000000462082_00057_39189_1808.N1	28-AUG-2009 20:45:54	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	39189	No
199	GOM_NL__2PRFIN20090828_204804_000000472082_00057_39189_1809.N1	28-AUG-2009 20:48:04	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	39189	No
200	GOM_NL__2PRFIN20090828_210227_000000592082_00057_39189_1810.N1	28-AUG-2009 21:02:27	Bright	59.000	6	13Alp Aur	0.080000	3400.0	118	39189	No
201	GOM_NL__2PRFIN20090828_210558_000000472082_00057_39189_1811.N1	28-AUG-2009 21:05:58	Bright	46.500	107	37The Aur	2.6490	11000.	93	39189	No
202	GOM_NL__2PRFIN20090828_211053_000000532082_00057_39189_1812.N1	28-AUG-2009 21:10:53	Tw_i_and_stray	52.500	151	13Mu Gem	2.8900	3000.0	105	39189	No
203	GOM_NL__2PRFIN20090828_211236_000000462082_00057_39189_1813.N1	28-AUG-2009 21:12:36	Tw_i_and_stray	45.500	44	24Gam Gem	1.9280	11000.	91	39189	No
204	GOM_NL__2PRFIN20090828_211654_000000722082_00057_39189_1814.N1	28-AUG-2009 21:16:54	Dark	72.000	14	58Alp Ori	0.87000	3000.0	144	39189	No
205	GOM_NL__2PRFIN20090828_212049_000000602082_00057_39189_1815.N1	28-AUG-2009 21:20:49	Dark	59.500	30	46Eps Ori	1.6940	30000.	119	39189	No
206	GOM_NL__2PRFIN20090828_212243_000000542082_00057_39189_1816.N1	28-AUG-2009 21:22:43	Dark	53.500	56	53Kap Ori	2.0650	30000.	107	39189	No
207	GOM_NL__2PRFIN20090828_212435_000000592082_00057_39189_1817.N1	28-AUG-2009 21:24:35	Dark	59.000	7	19Bet Ori	0.10000	14000.	118	39189	No
208	GOM_NL__2PRFIN20090828_212653_000000502082_00057_39189_1818.N1	28-AUG-2009 21:26:53	Dark	50.000	139	9Bet Lep	2.8330	5600.0	100	39189	No
209	GOM_NL__2PRFIN20090828_214049_000000542082_00058_39190_1819.N1	28-AUG-2009 21:40:49	Dark	54.000	157	The1Eri	2.9060	9300.0	108	39190	No
210	GOM_NL__2PRFIN20090828_214912_000000532082_00058_39190_1820.N1	28-AUG-2009 21:49:12	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	39190	No
211	GOM_NL__2PRFIN20090828_215534_000000472082_00058_39190_1821.N1	28-AUG-2009 21:55:34	Straylight	47.000	18	24Alp PsA	1.1660	9700.0	94	39190	No
212	GOM_NL__2PRFIN20090828_220514_000000402082_00058_39190_1822.N1	28-AUG-2009 22:05:14	Bright	40.000	162	34Alp Aqr	2.9440	5350.0	80	39190	No
213	GOM_NL__2PRFIN20090828_221133_000000492082_00058_39190_1823.N1	28-AUG-2009 22:11:33	Bright	48.500	90	54Alp Peg	2.4870	11000.	97	39190	No
214	GOM_NL__2PRFIN20090828_221542_000000452082_00058_39190_1824.N1	28-AUG-2009 22:15:42	Bright	44.500	164	44Eta Peg	2.9480	5400.0	89	39190	No
215	GOM_NL__2PRFIN20090828_222629_000000462082_00058_39190_1825.N1	28-AUG-2009 22:26:29	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	39190	No
216	GOM_NL__2PRFIN20090828_222840_000000472082_00058_39190_1826.N1	28-AUG-2009 22:28:40	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	39190	No
217	GOM_NL__2PRFIN20090828_224303_000000592082_00058_39190_1827.N1	28-AUG-2009 22:43:03	Bright	58.500	6	13Alp Aur	0.080000	3400.0	117	39190	No
218	GOM_NL__2PRFIN20090828_224634_000000482082_00058_39190_1828.N1	28-AUG-2009 22:46:34	Bright	47.500	107	37The Aur	2.6490	11000.	95	39190	No
219	GOM_NL__2PRFIN20090828_225130_000000592082_00058_39190_1829.N1	28-AUG-2009 22:51:30	Tw_i_and_stray	59.000	151	13Mu Gem	2.8900	3000.0	118	39190	No

220	GOM_NL__2PRFIN20090828_225313_000000492082_00058_39190_1830.N1	28-AUG-2009 22:53:13	Twilight_stray	48.500	44	24Gam Gem	1.9280	11000.	97	39190	No
221	GOM_NL__2PRFIN20090828_225731_000000622082_00058_39190_1831.N1	28-AUG-2009 22:57:31	Dark	61.500	14	58Alp Ori	0.87000	3000.0	123	39190	No
222	GOM_NL__2PRFIN20090828_230126_000000602082_00058_39190_1832.N1	28-AUG-2009 23:01:26	Dark	60.000	30	46Eps Ori	1.6940	30000.	120	39190	No
223	GOM_NL__2PRFIN20090828_230320_000000542082_00058_39190_1833.N1	28-AUG-2009 23:03:20	Dark	53.500	56	53Kap Ori	2.0650	30000.	107	39190	No
224	GOM_NL__2PRFIN20090828_230513_000000522082_00058_39190_1834.N1	28-AUG-2009 23:05:13	Dark	52.000	7	19Bet Ori	0.10000	14000.	104	39190	No
225	GOM_NL__2PRFIN20090828_232126_000000562082_00059_39191_1834.N1	28-AUG-2009 23:21:26	Dark	55.500	157	The1Eri	2.9060	9300.0	111	39191	No
226	GOM_NL__2PRFIN20090828_232948_000000562082_00059_39191_1835.N1	28-AUG-2009 23:29:48	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	39191	No
227	GOM_NL__2PRFIN20090828_233610_000000482082_00059_39191_1836.N1	28-AUG-2009 23:36:10	Straylight	47.500	18	24Alp PsA	1.1660	9700.0	95	39191	No
228	GOM_NL__2PRFIN20090828_234550_000000402082_00059_39191_1837.N1	28-AUG-2009 23:45:50	Bright	39.500	162	34Alp Aqr	2.9440	5350.0	79	39191	No
229	GOM_NL__2PRFIN20090828_235207_000000502082_00059_39191_1838.N1	28-AUG-2009 23:52:07	Bright	49.500	90	54Alp Peg	2.4870	11000.	99	39191	No
230	GOM_NL__2PRFIN20090828_235617_000000442082_00059_39191_1839.N1	28-AUG-2009 23:56:17	Bright	44.000	164	44Eta Peg	2.9480	5400.0	88	39191	No

3. Quality information per product

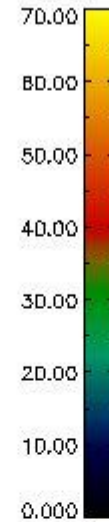
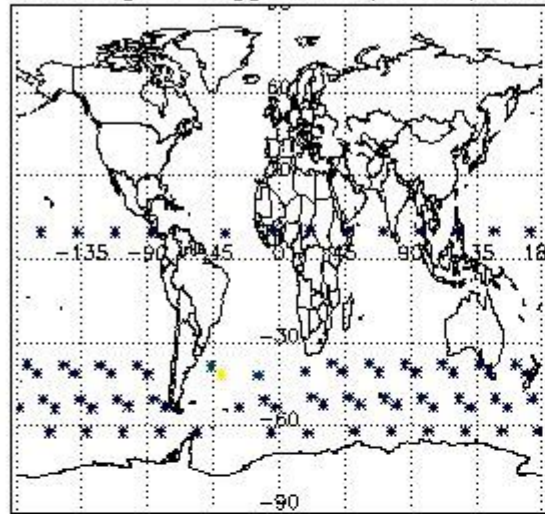
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

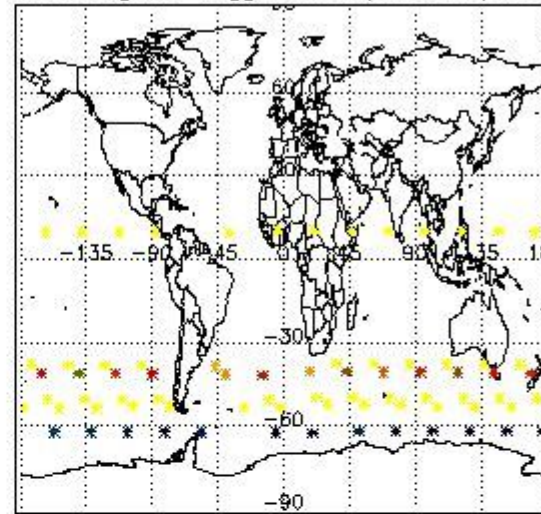


3.2 Plot quality information per product (world map)

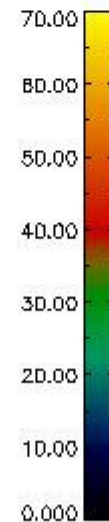
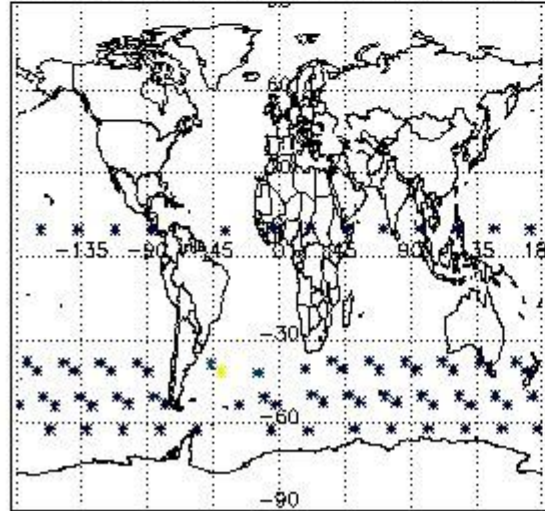
Percentage of flagged data per O3 profile



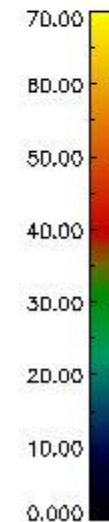
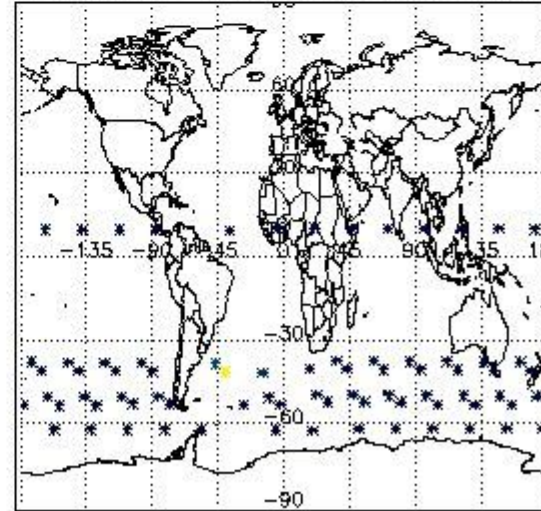
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

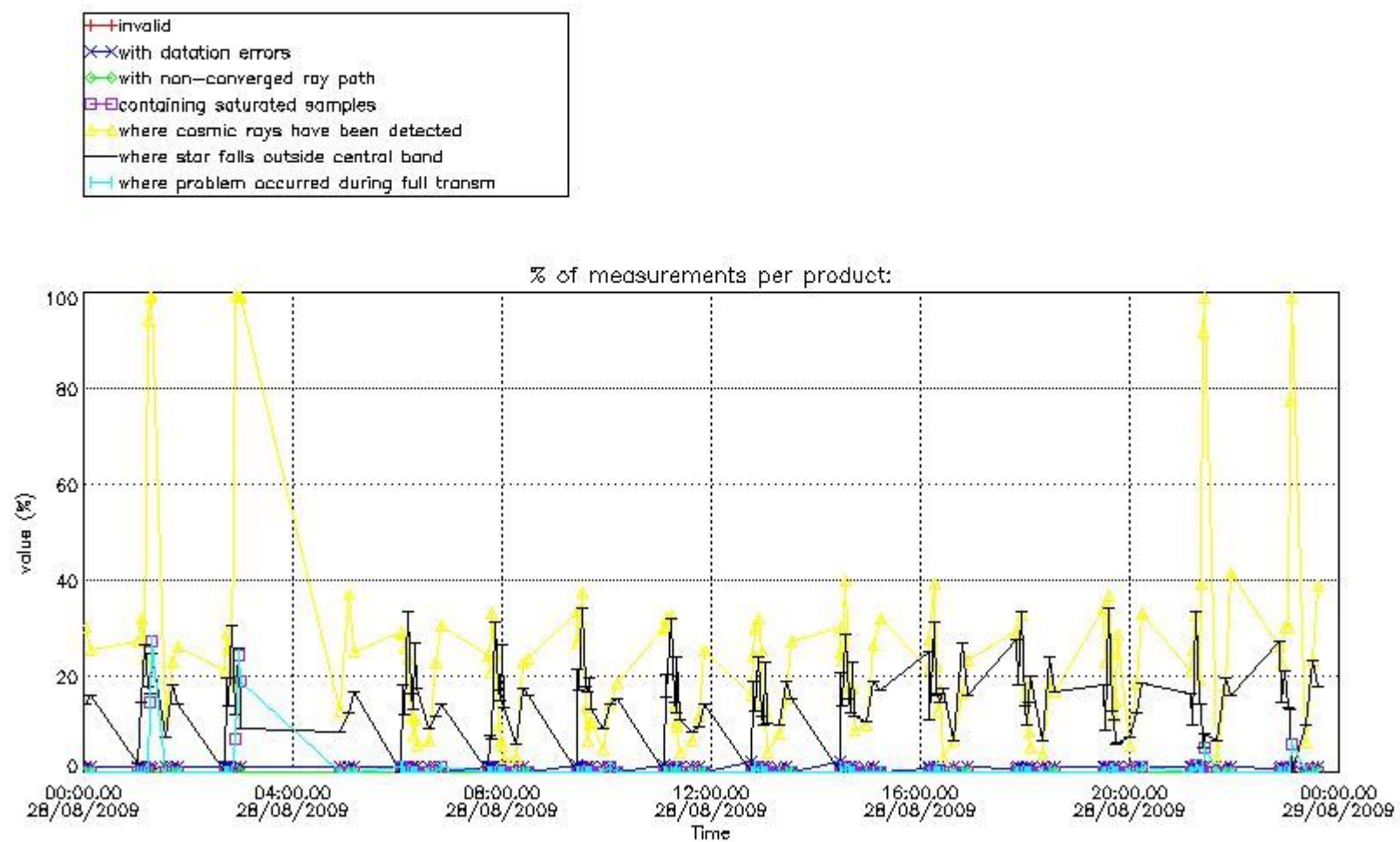


4. Level 1 quality information per product

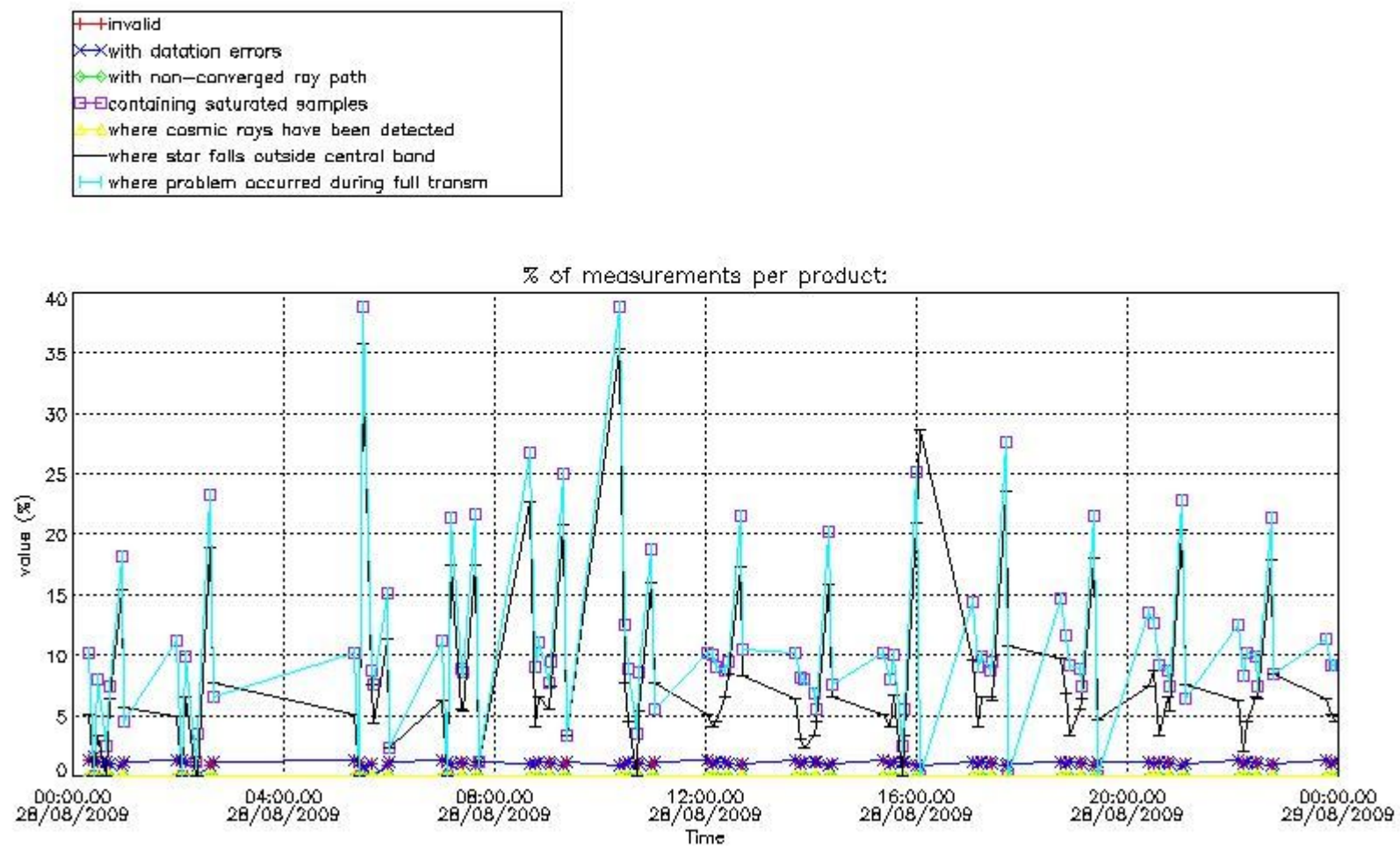
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



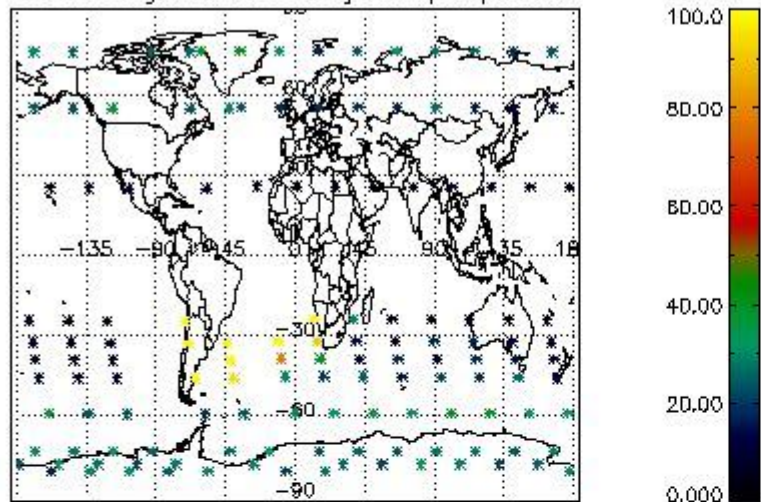
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



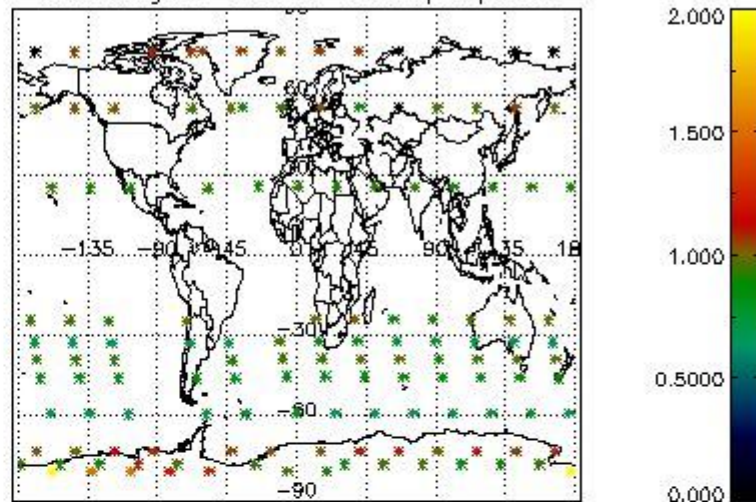
4.2 Plot quality information per product coming from level 1b processing (world map)

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

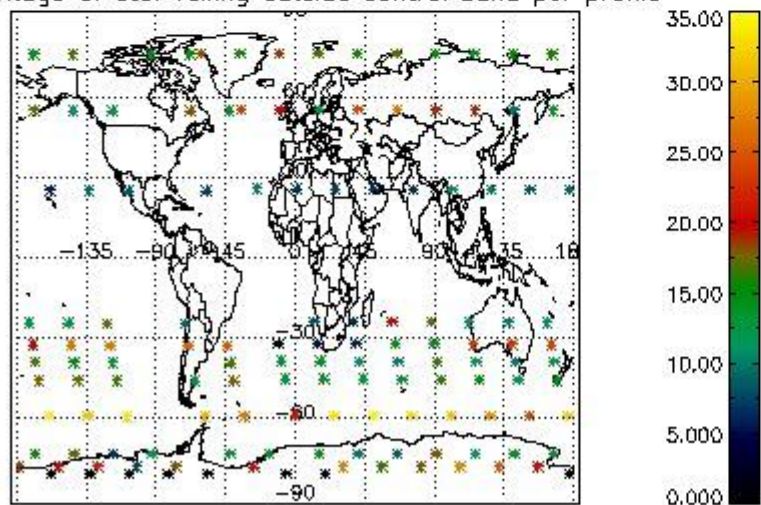
Percentage of cosmic ray hits per profile



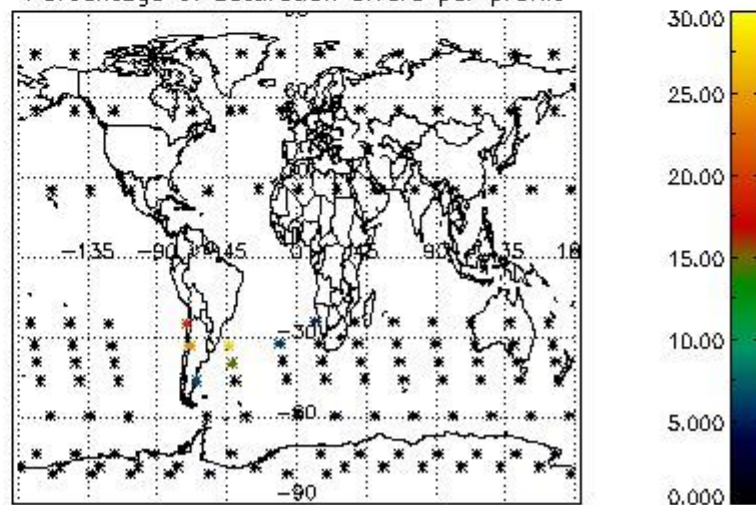
Percentage of datation errors per profile



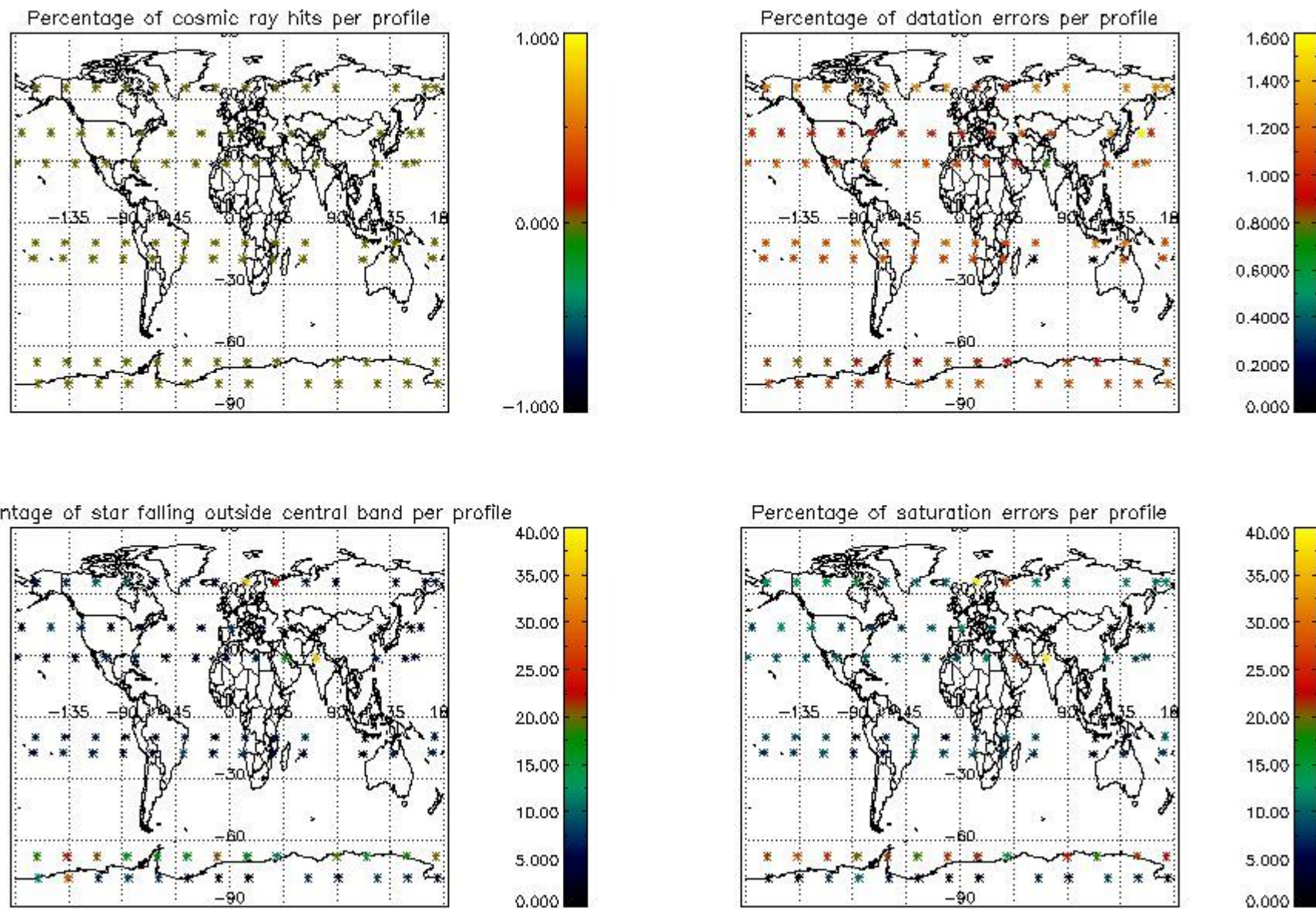
Percentage of star falling outside central band per profile



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

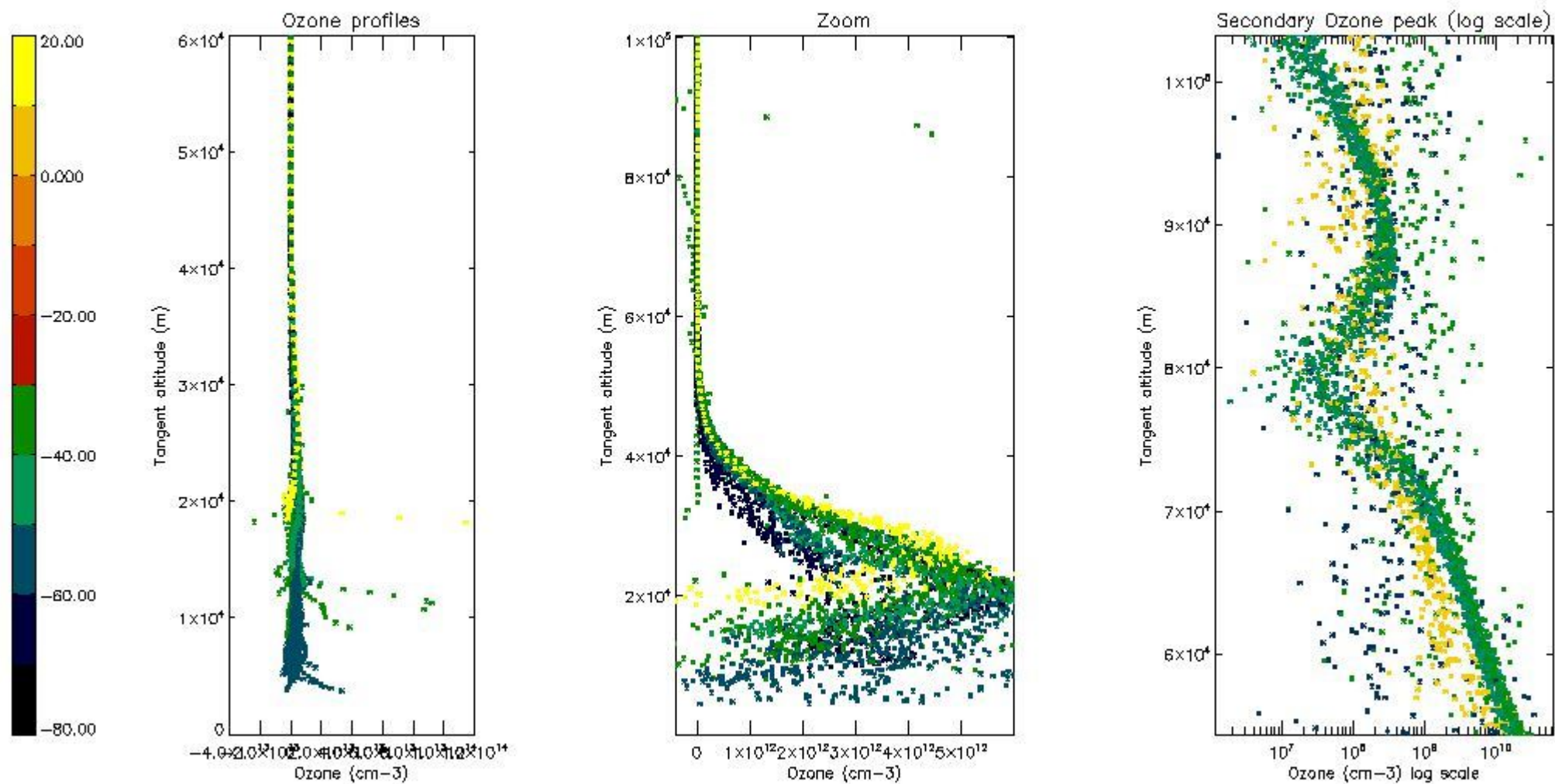
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	39
STD < 20	20

STD < 10	16
STD < 5	11

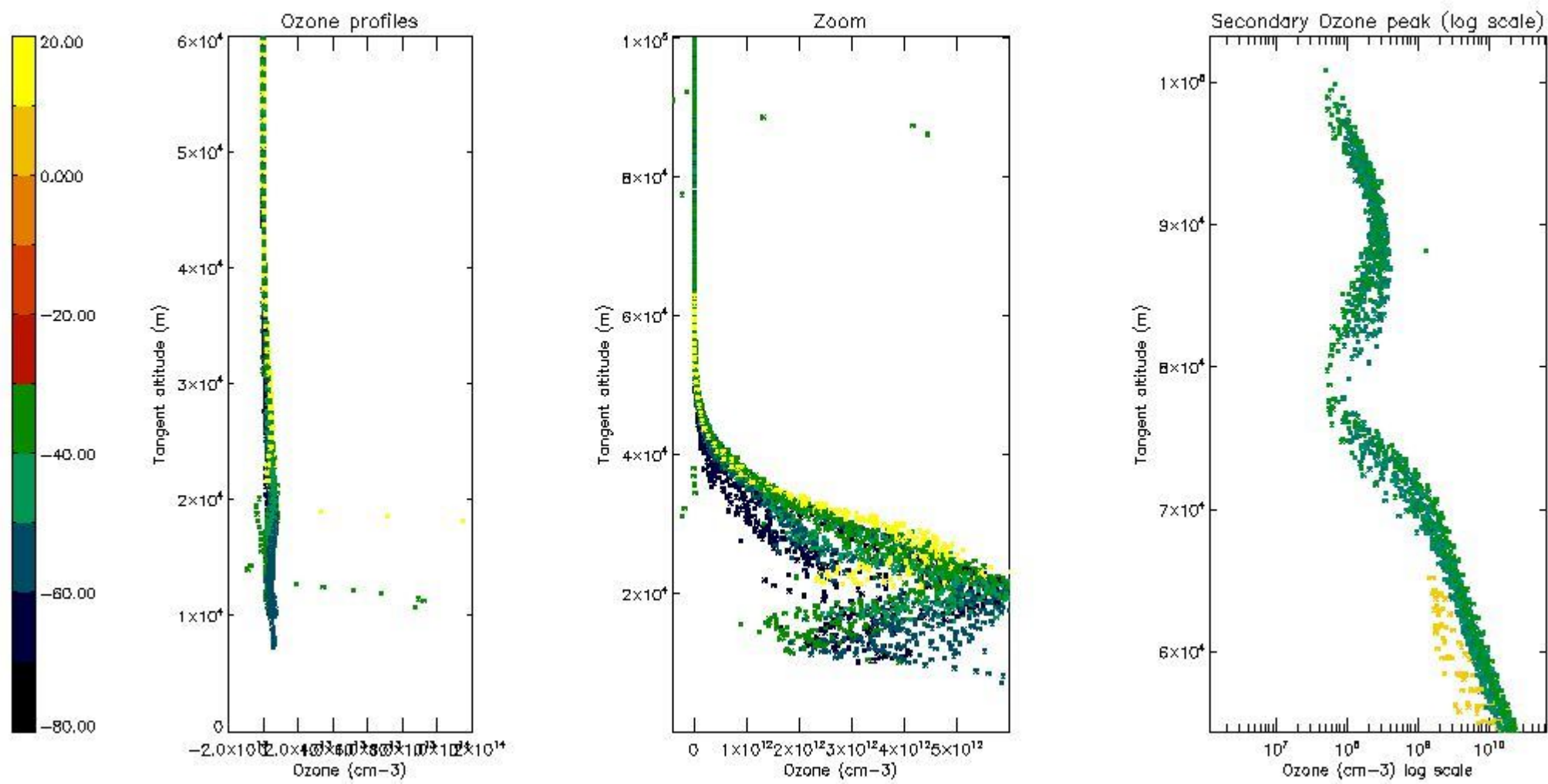
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



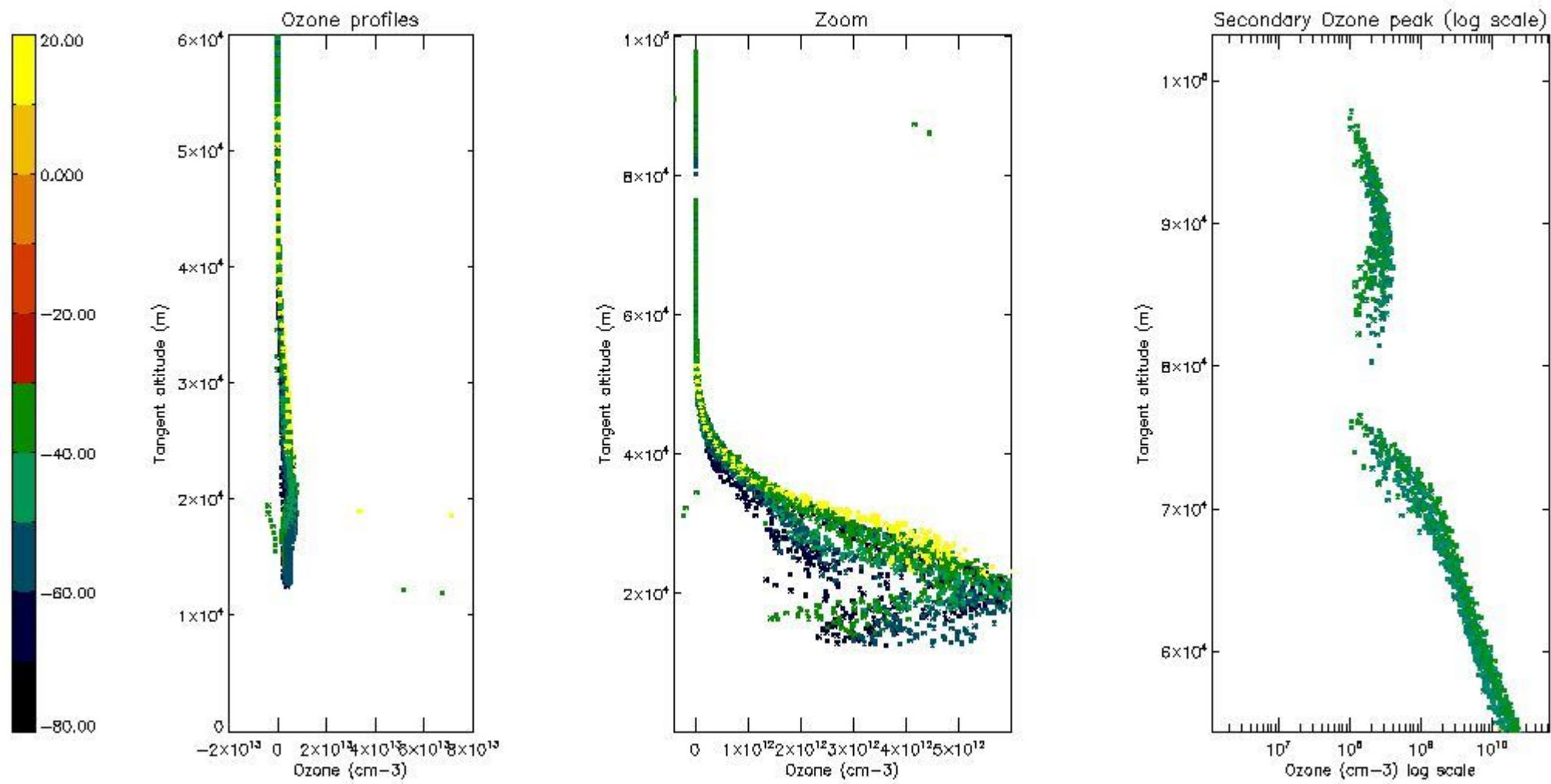
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



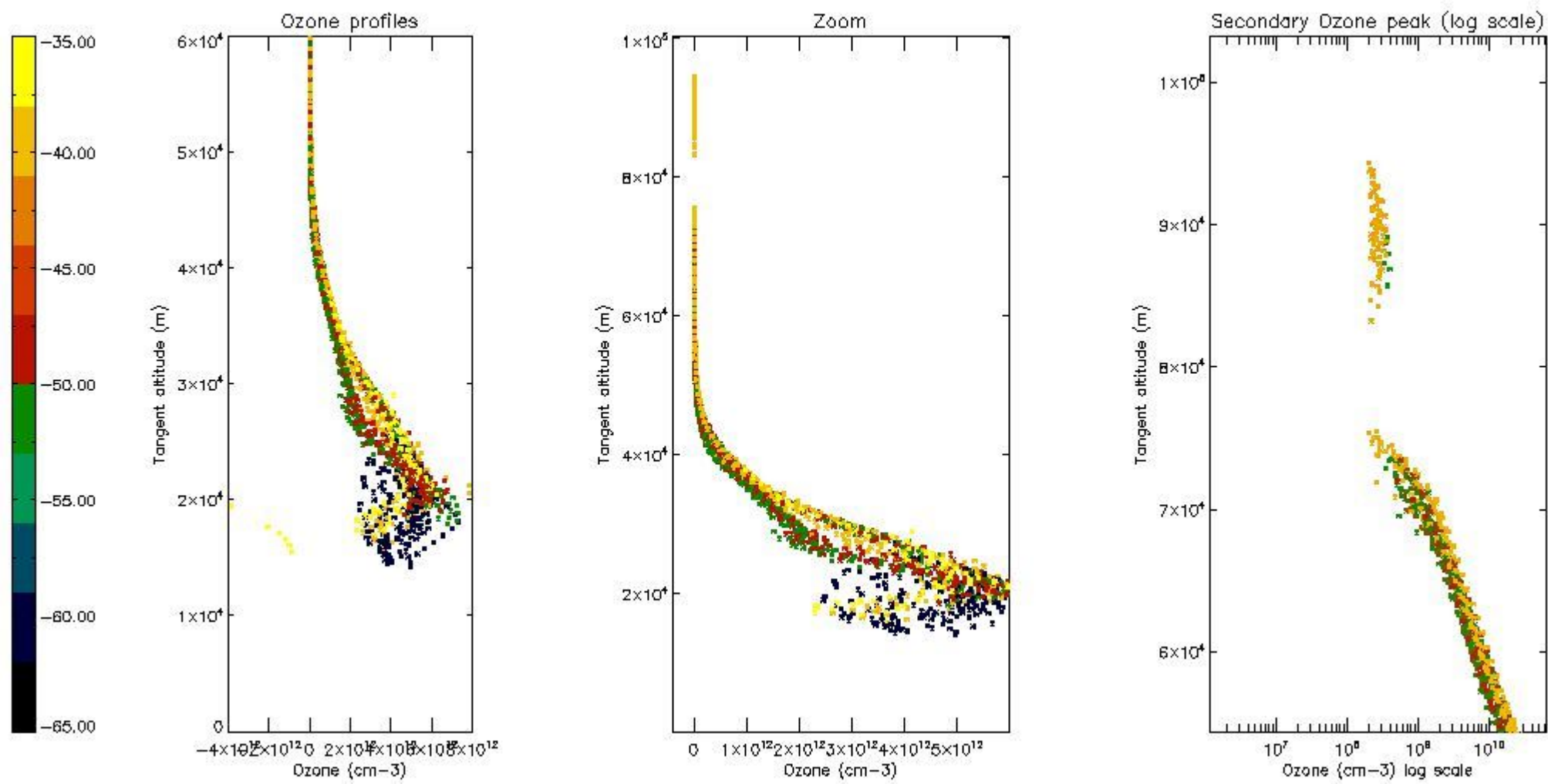
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



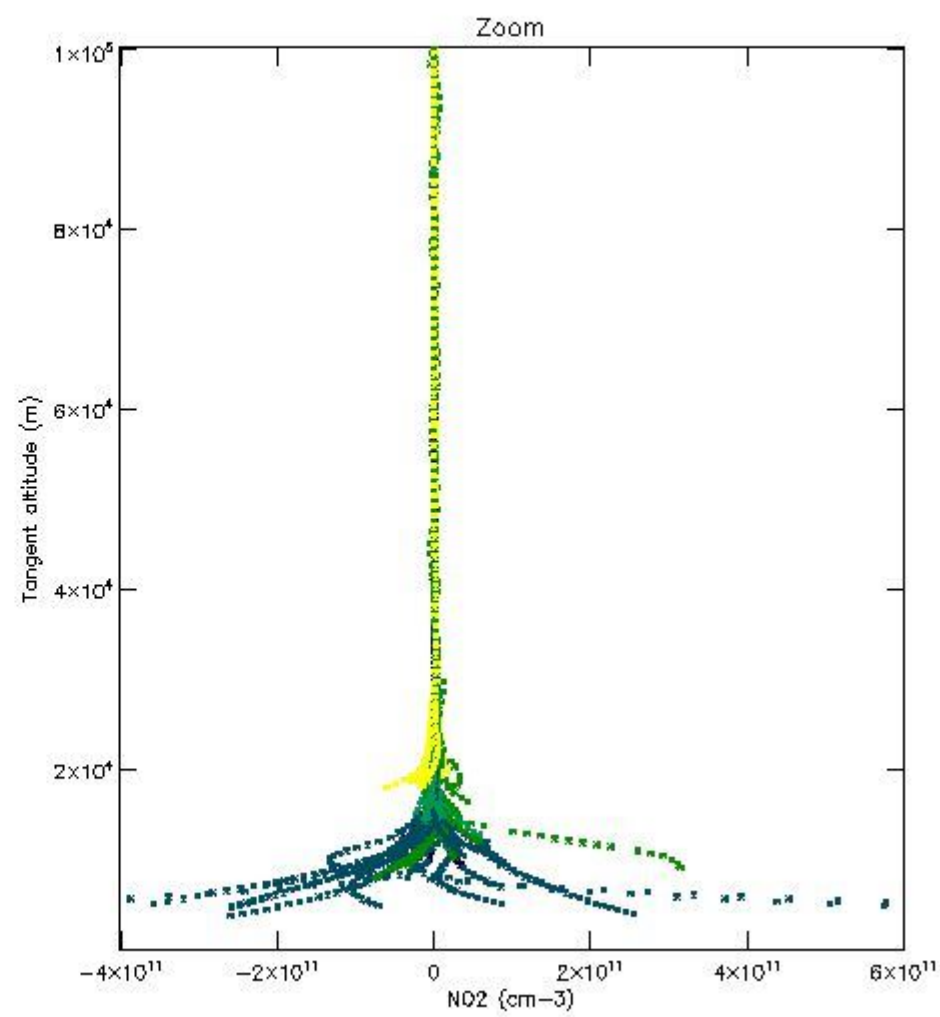
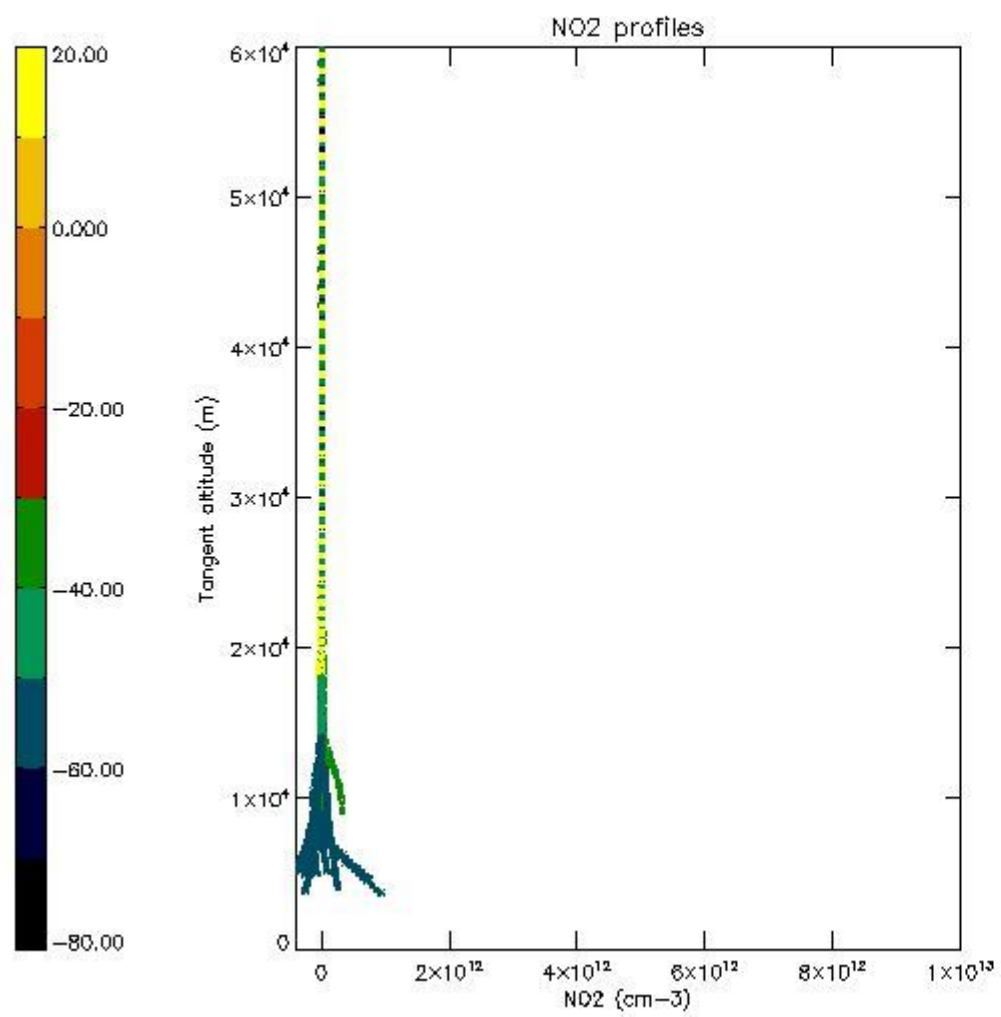
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



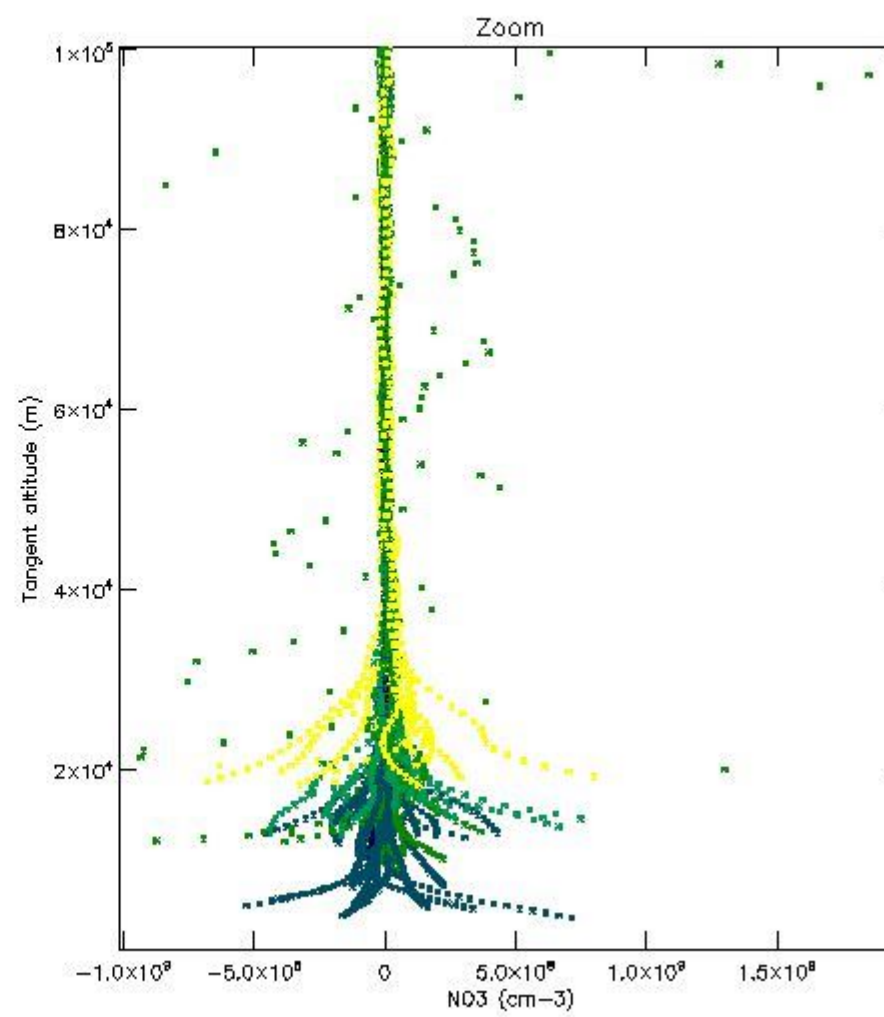
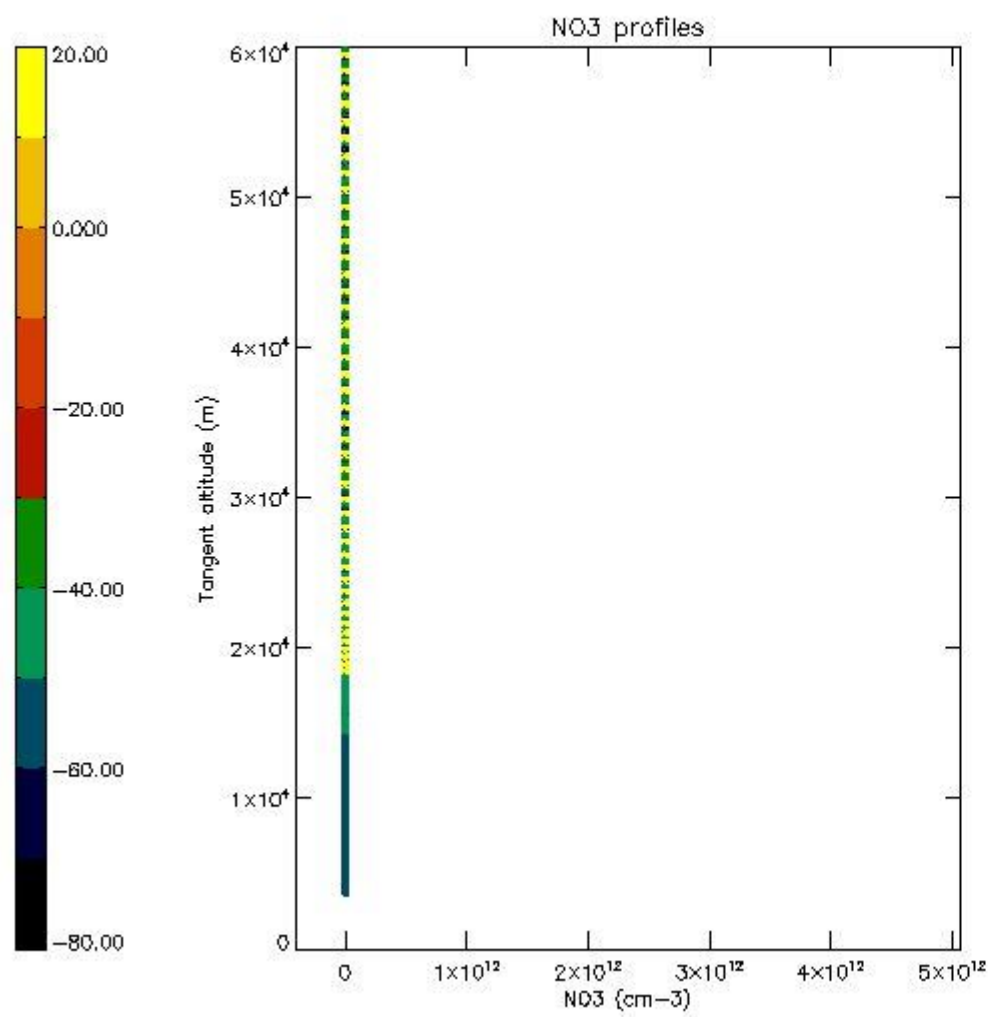
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



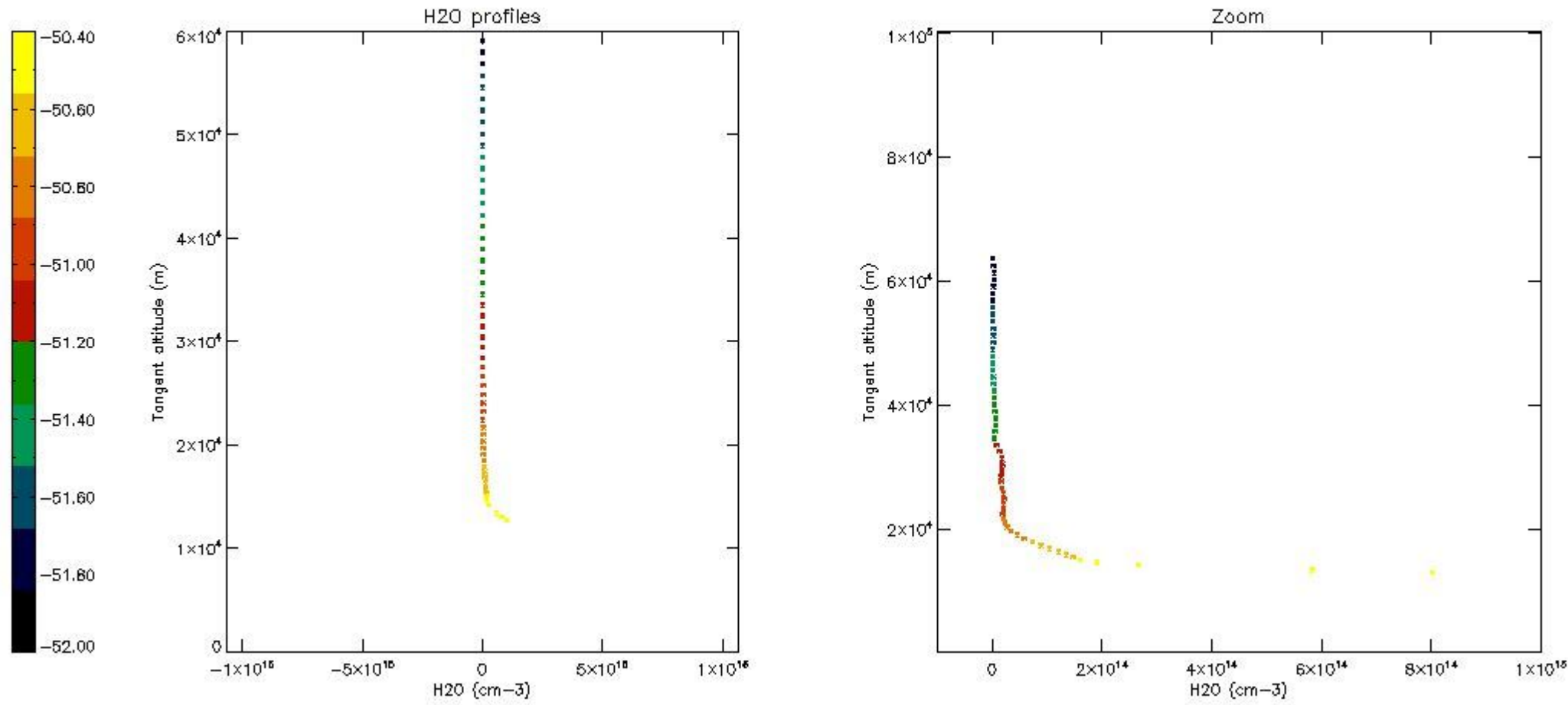
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

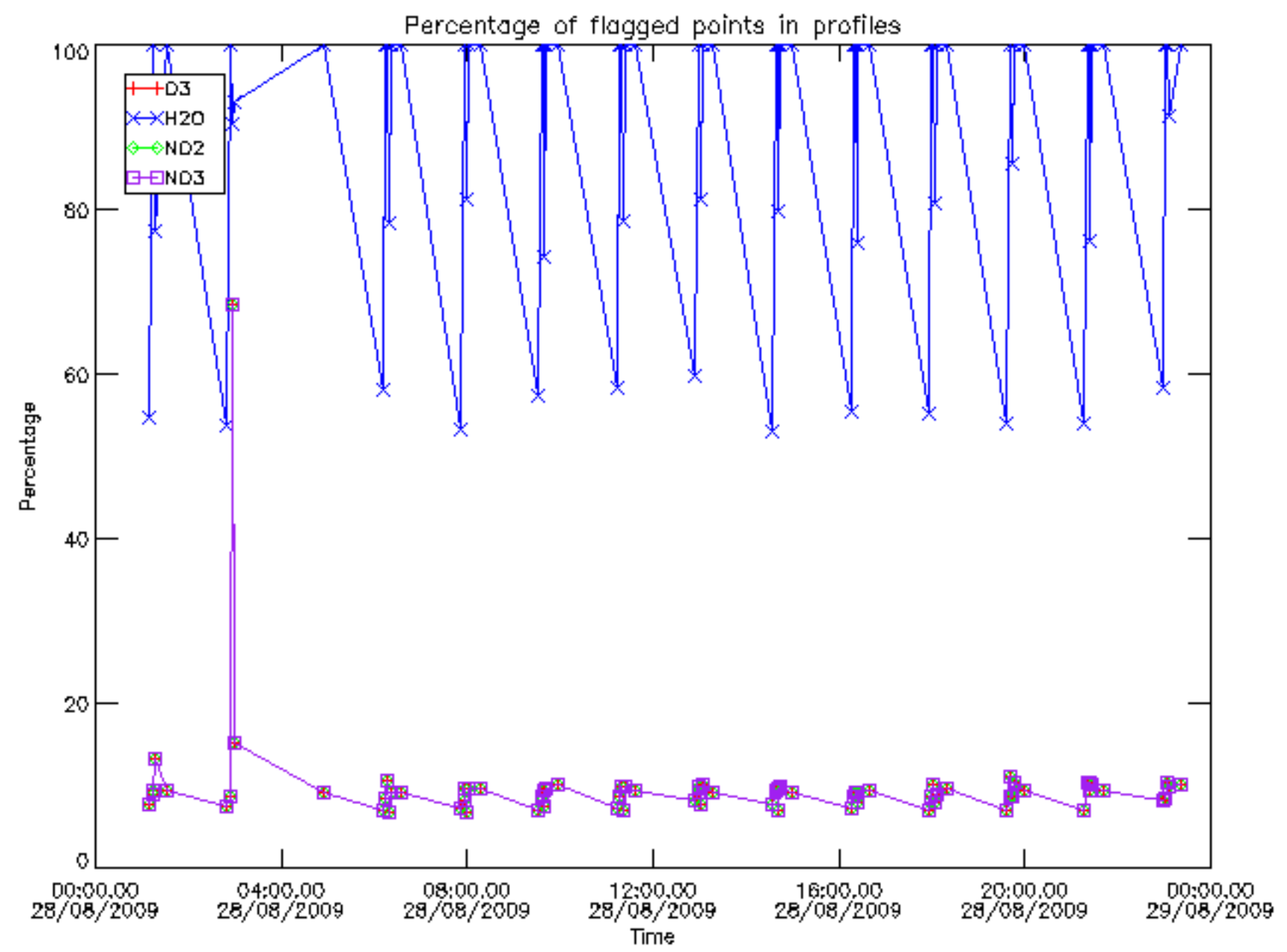
The colorbar represents the latitude.



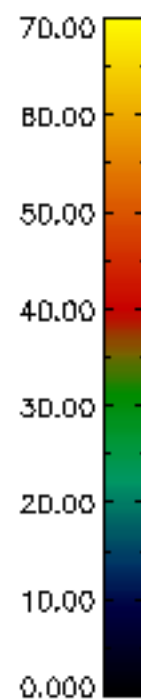
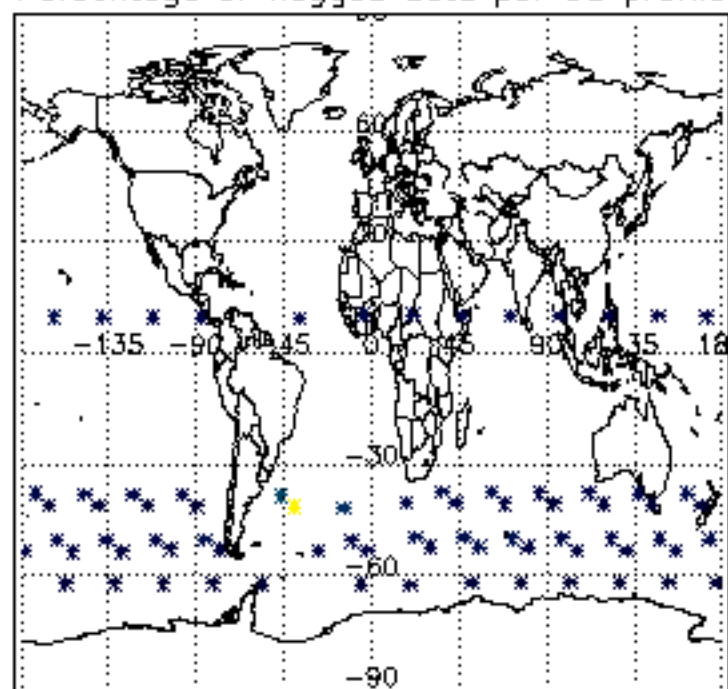
6. Auxiliary Data Files used for the production reported in section 2

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.

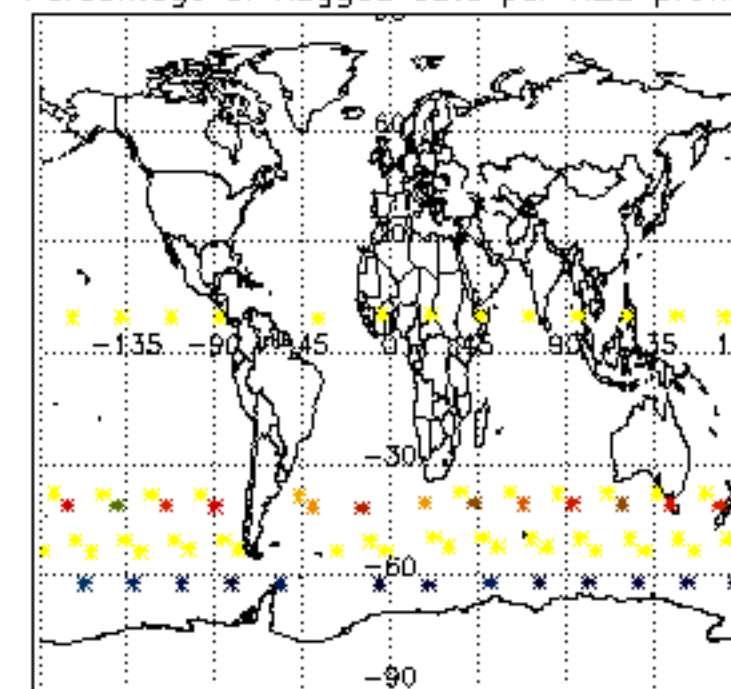
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	28-AUG-2009 00:01:16
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	28-AUG-2009 00:01:16
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	28-AUG-2009 00:01:16



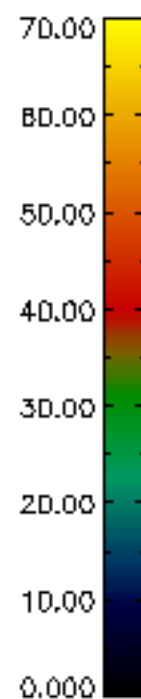
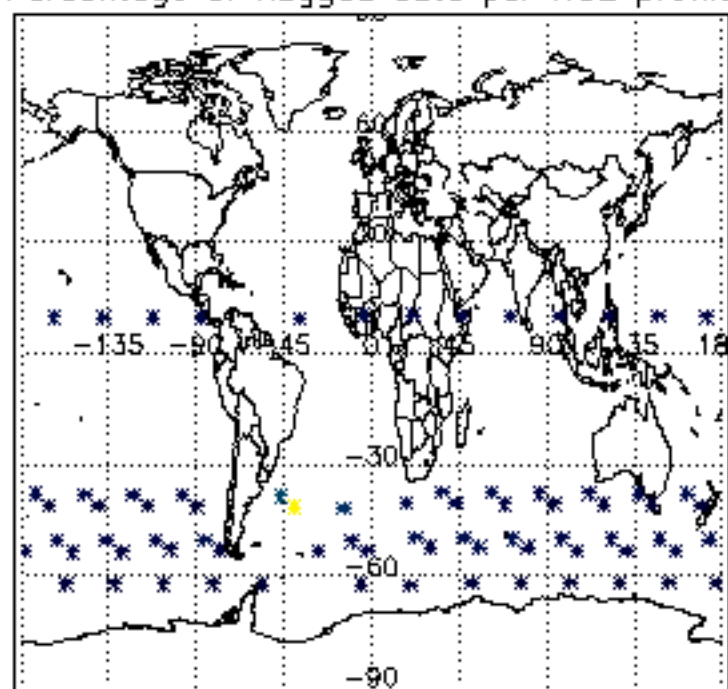
Percentage of flagged data per D3 profile



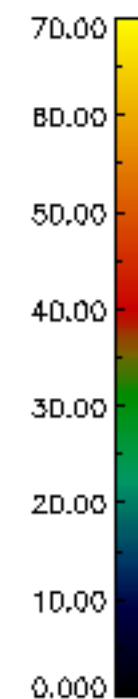
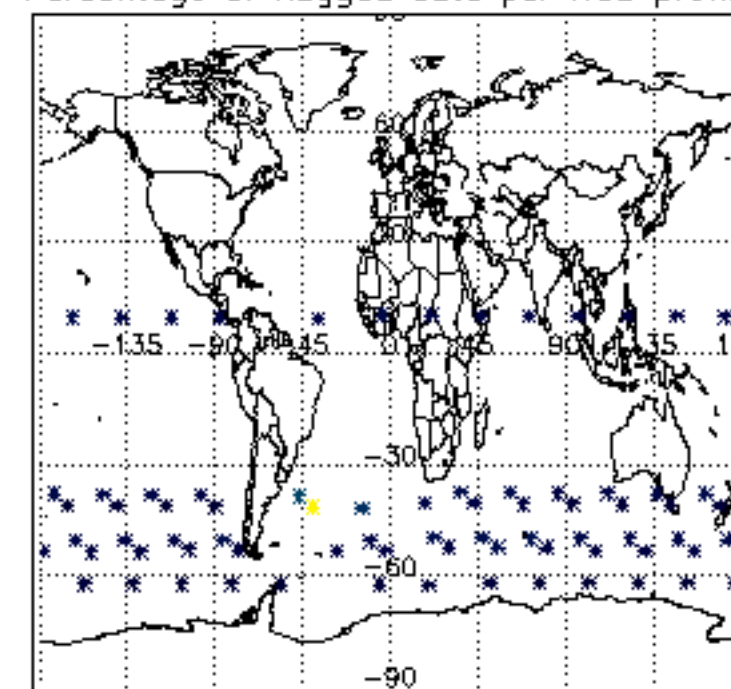
Percentage of flagged data per H2O profile

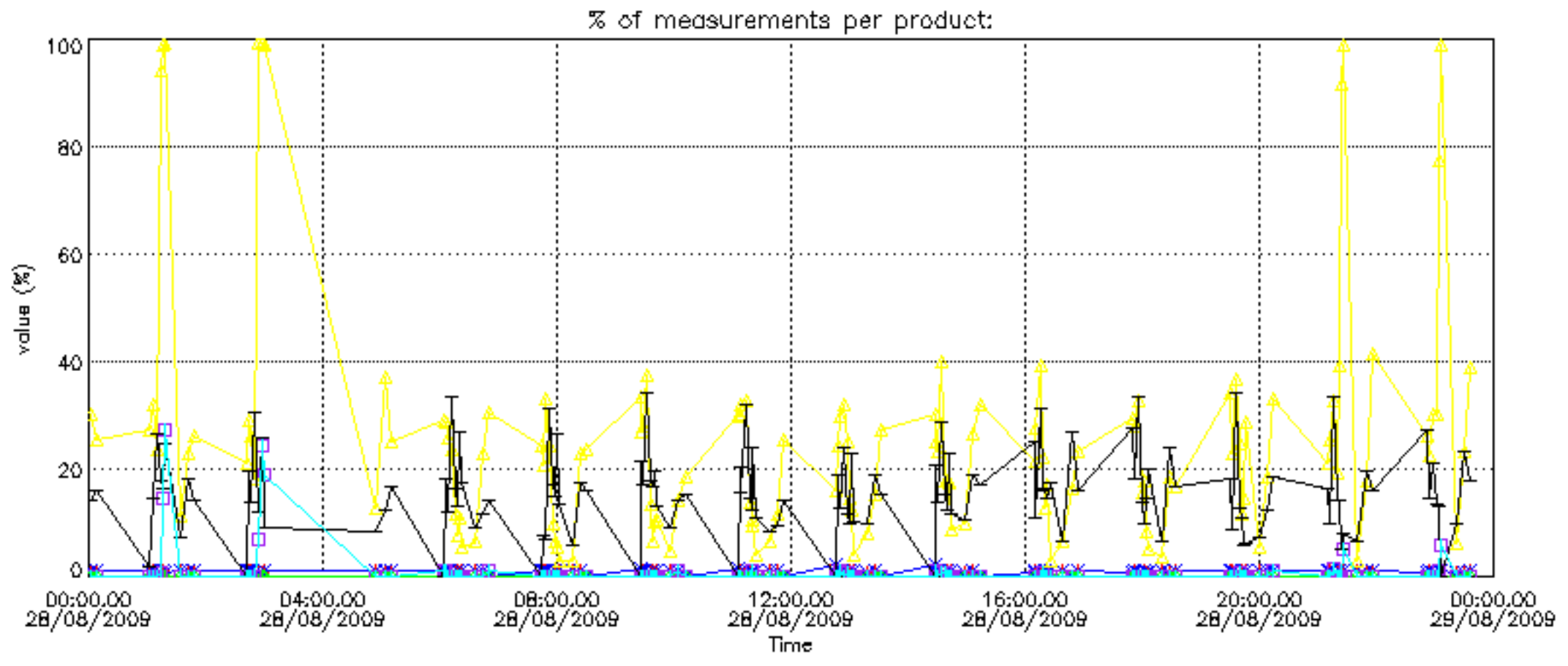


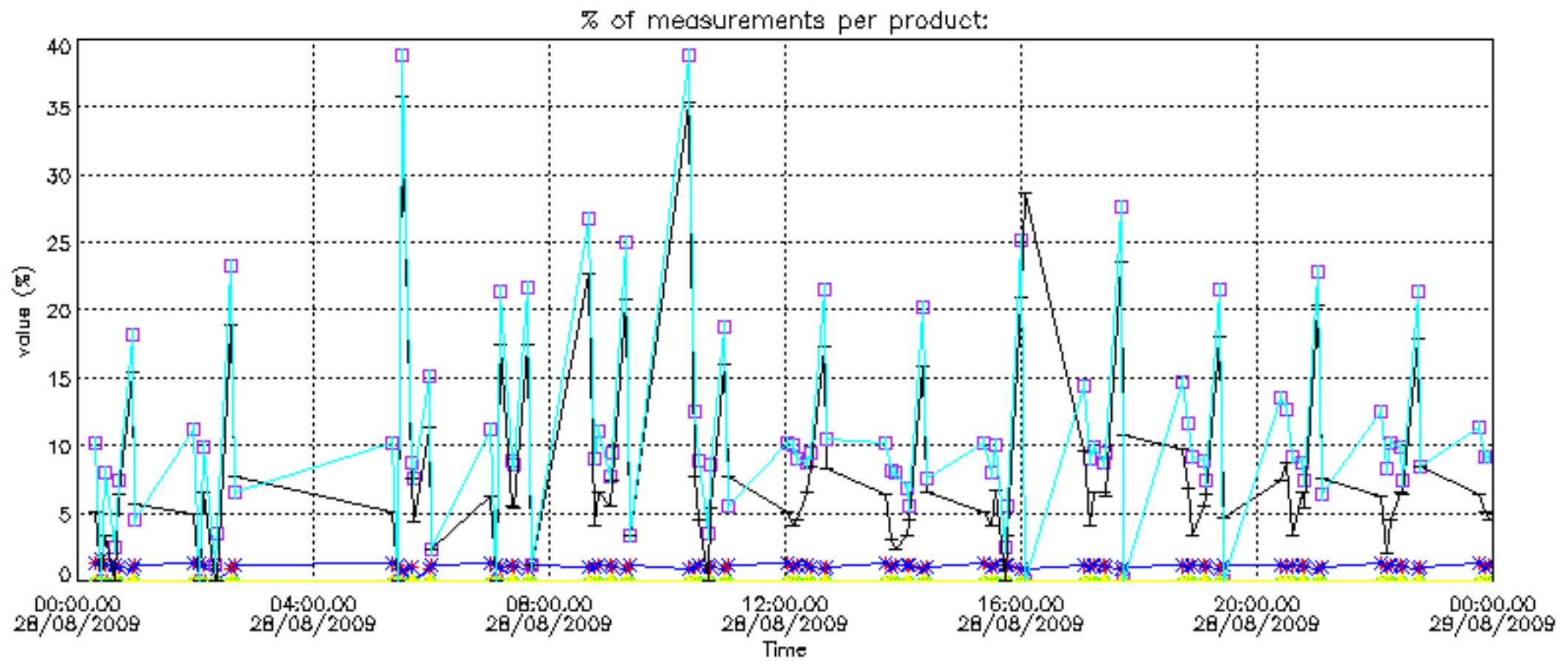
Percentage of flagged data per NO2 profile



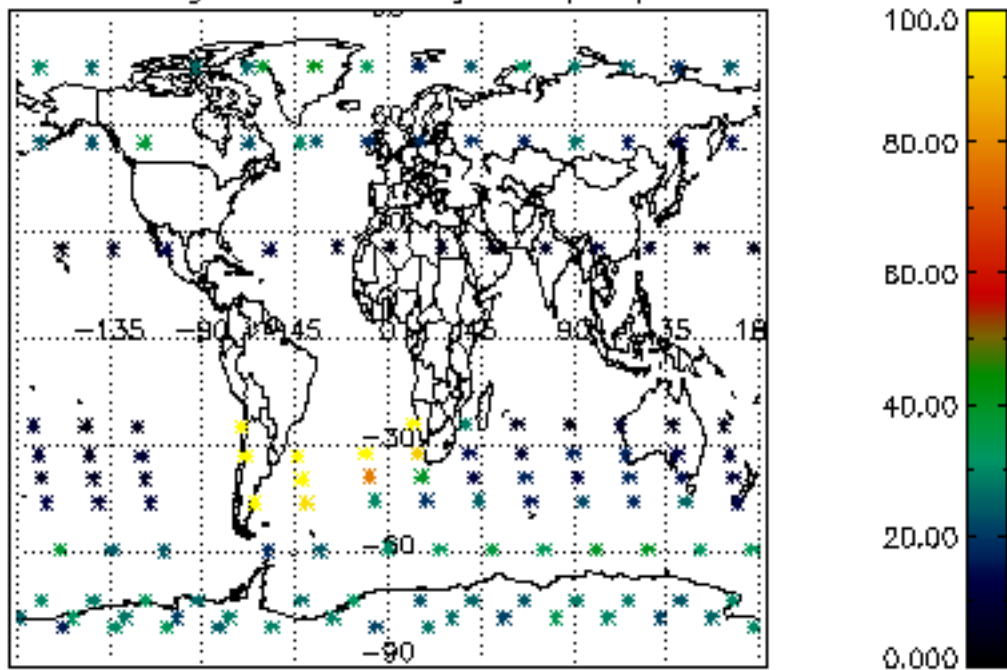
Percentage of flagged data per NO3 profile



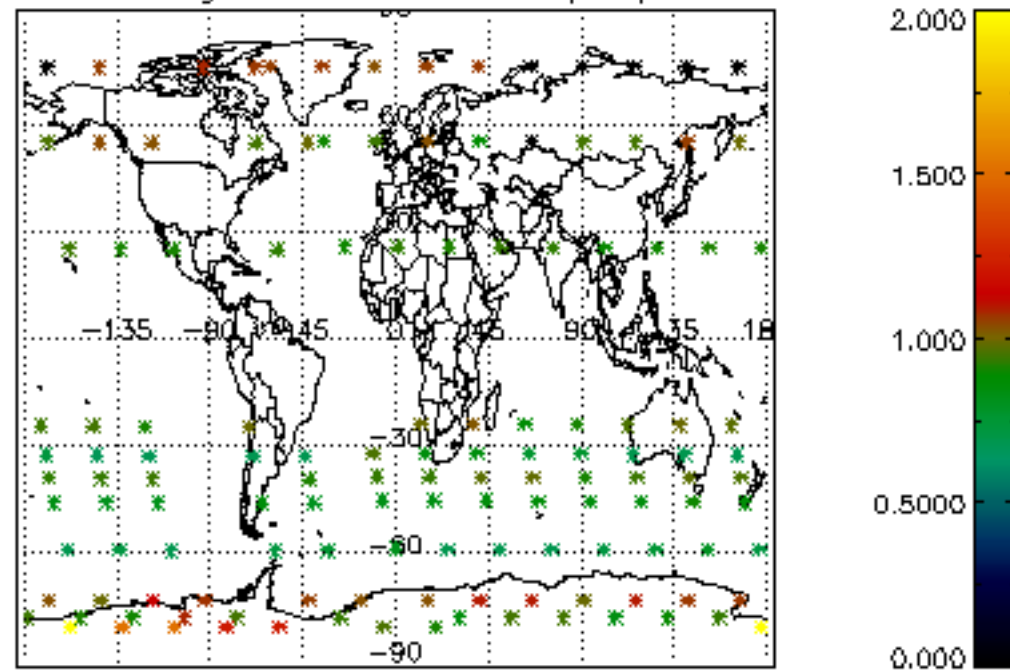




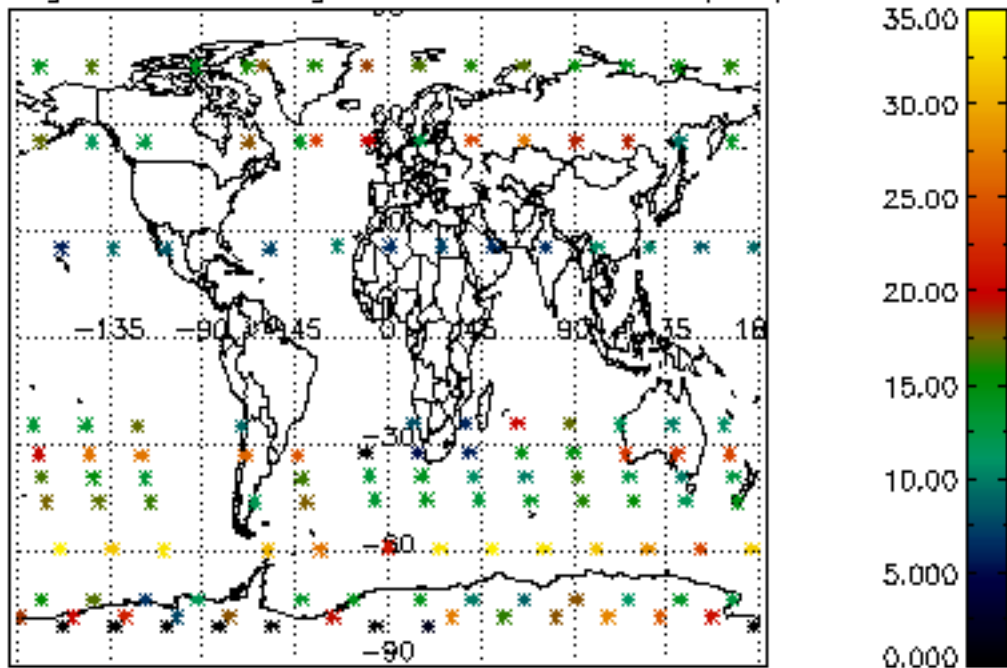
Percentage of cosmic ray hits per profile



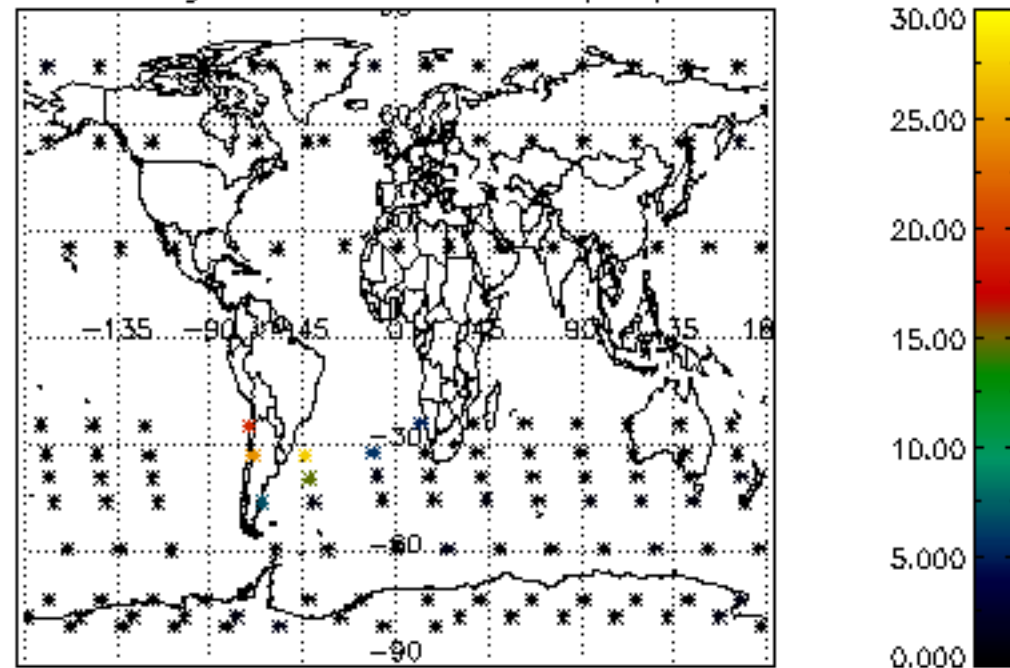
Percentage of datation errors per profile



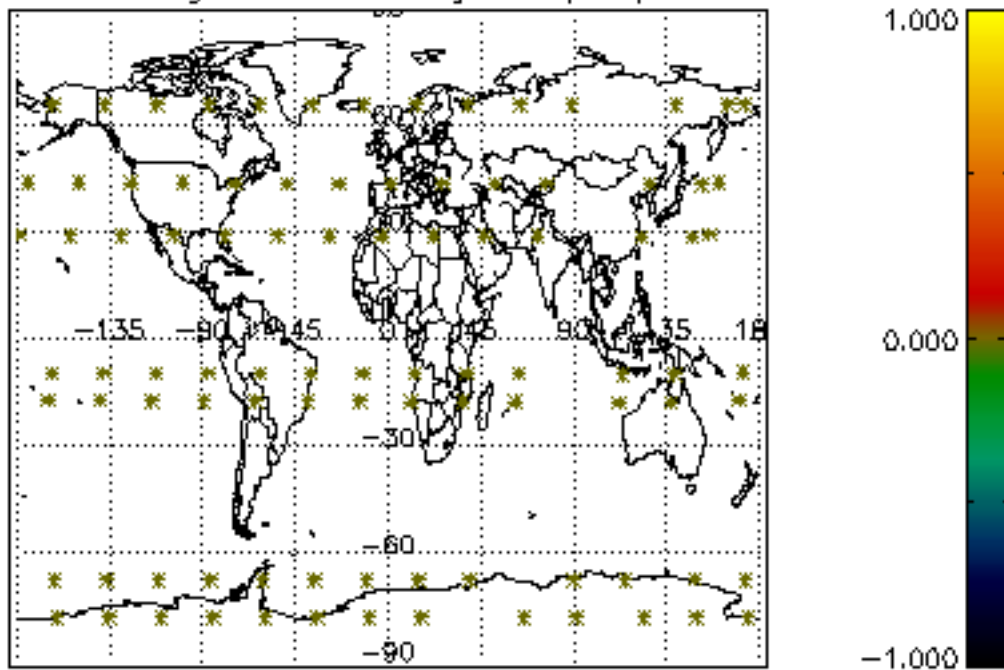
Percentage of star falling outside central band per profile



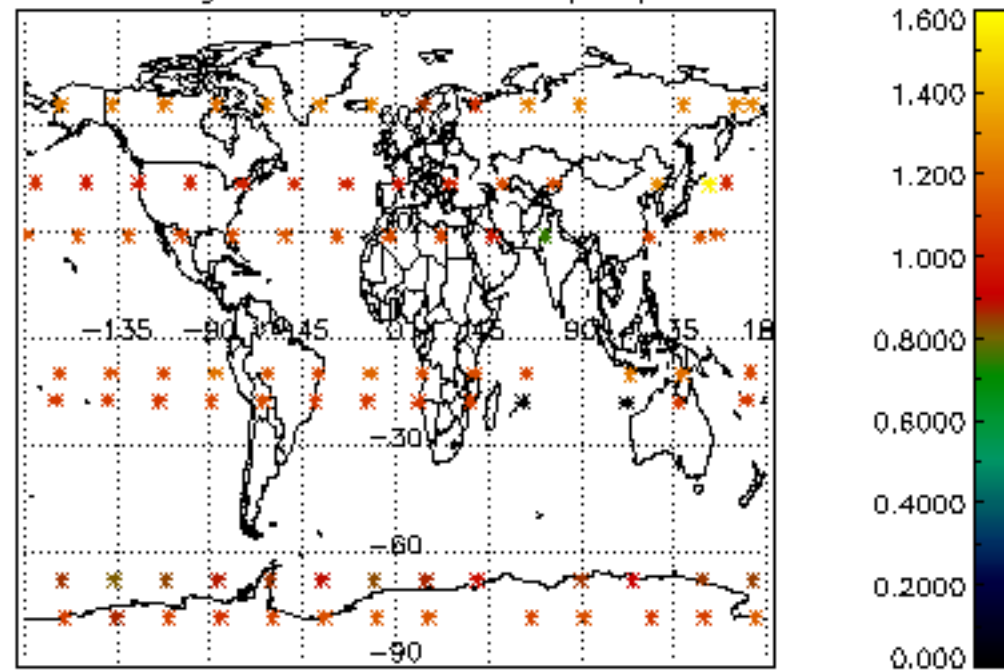
Percentage of saturation errors per profile



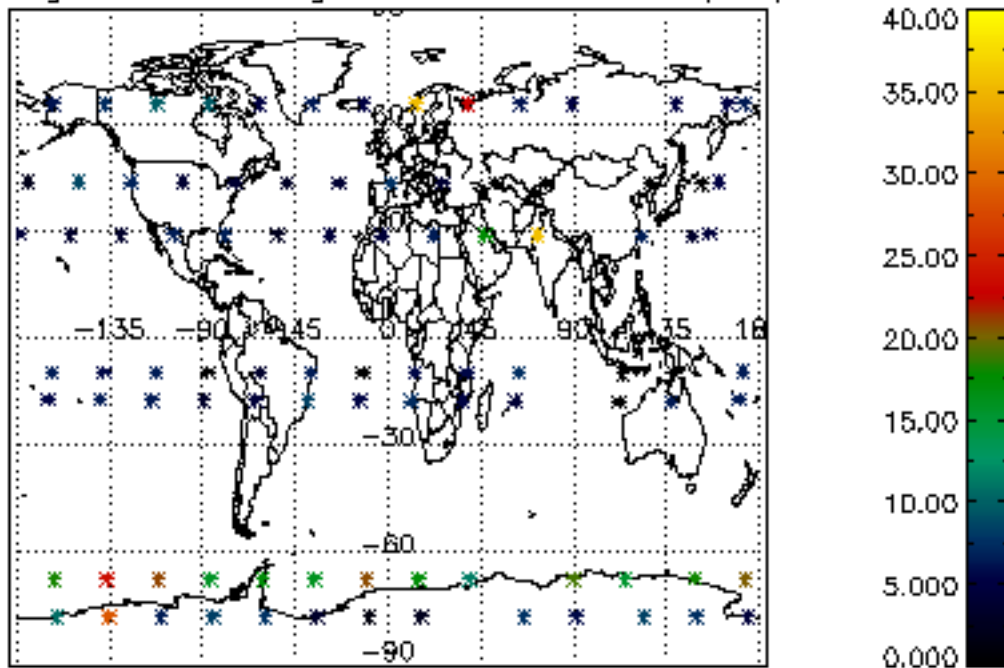
Percentage of cosmic ray hits per profile



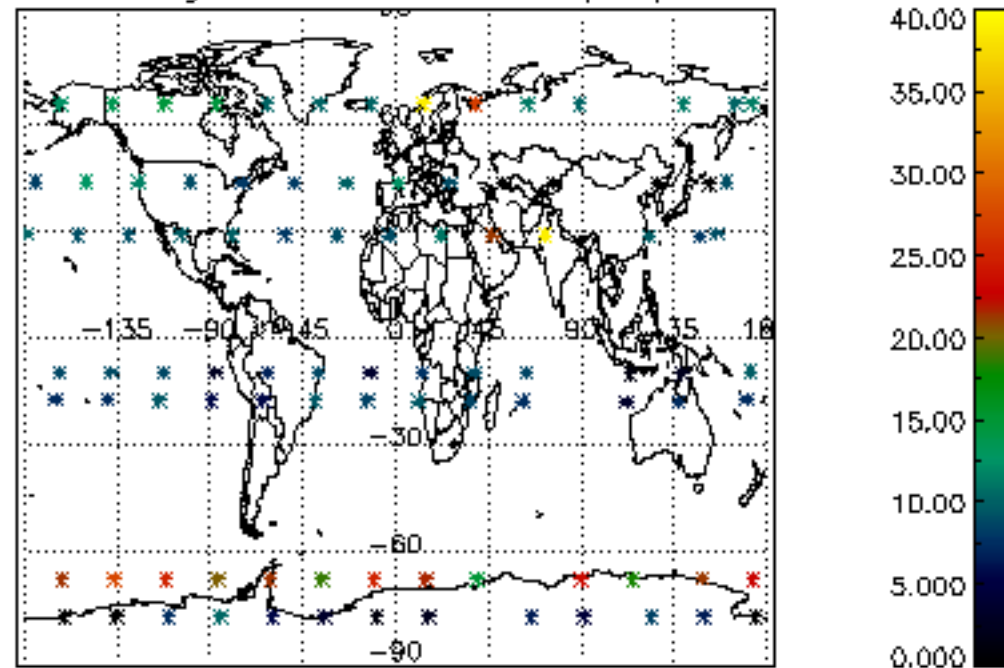
Percentage of datation errors per profile

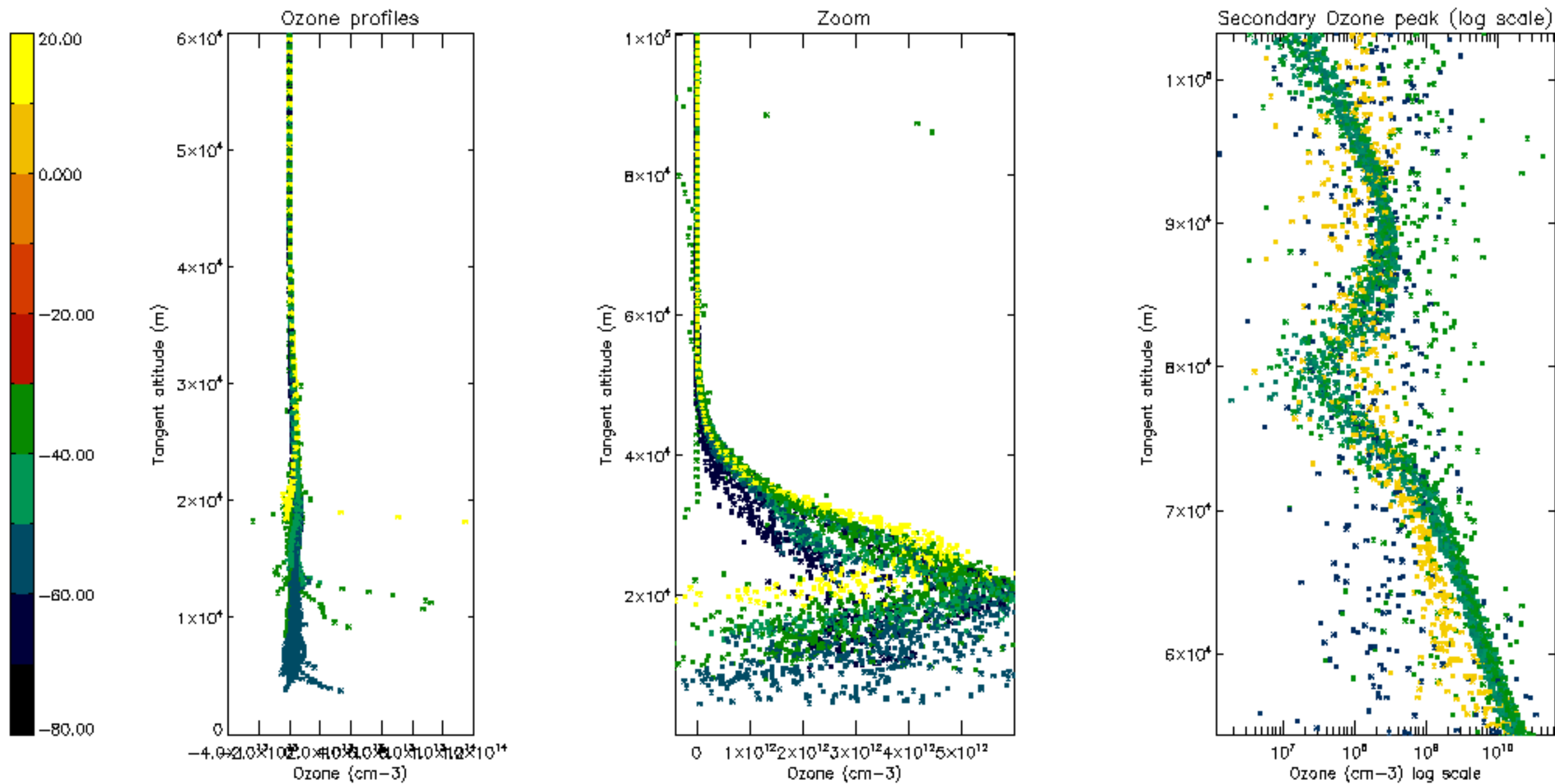


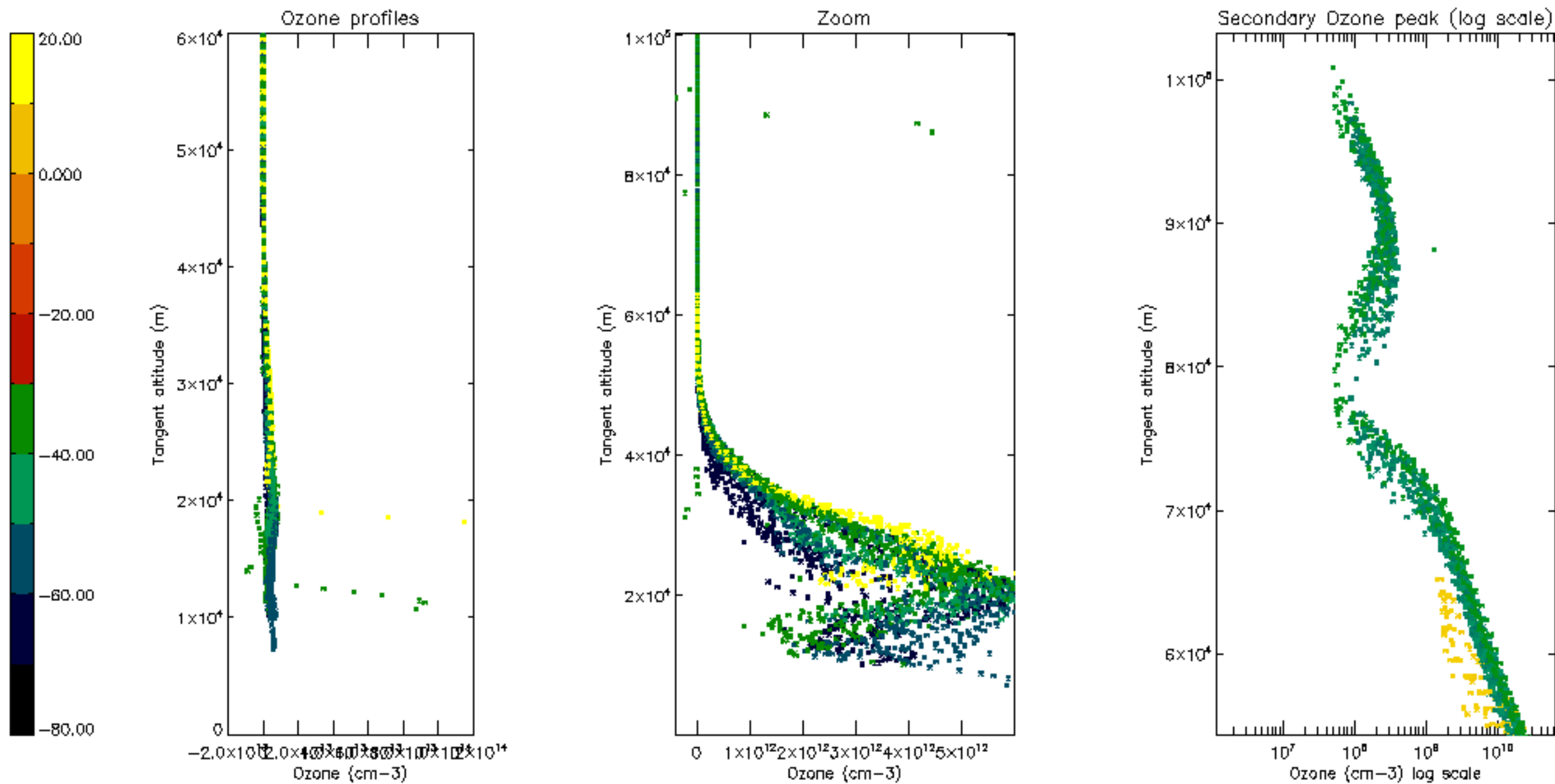
Percentage of star falling outside central band per profile

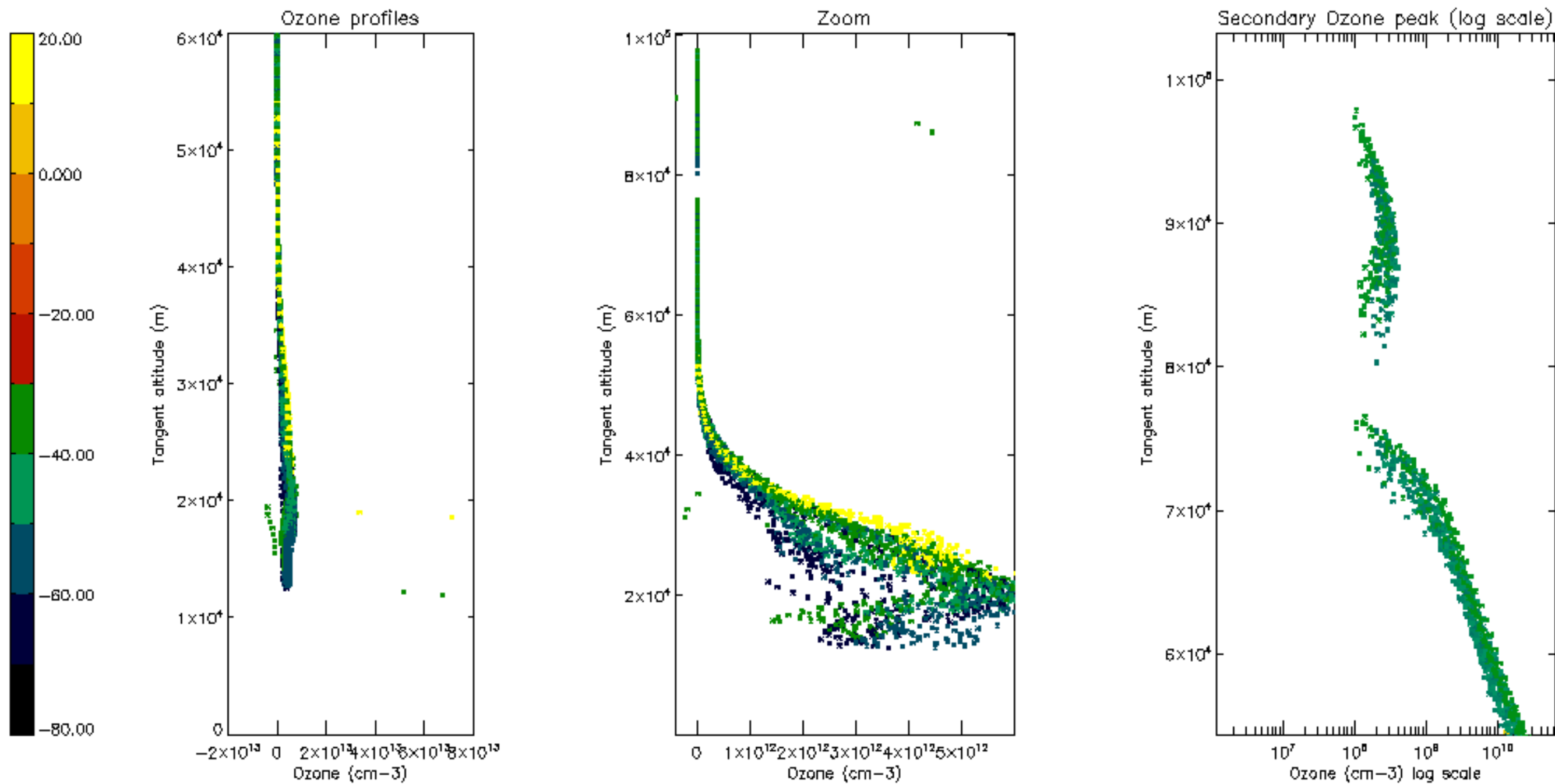


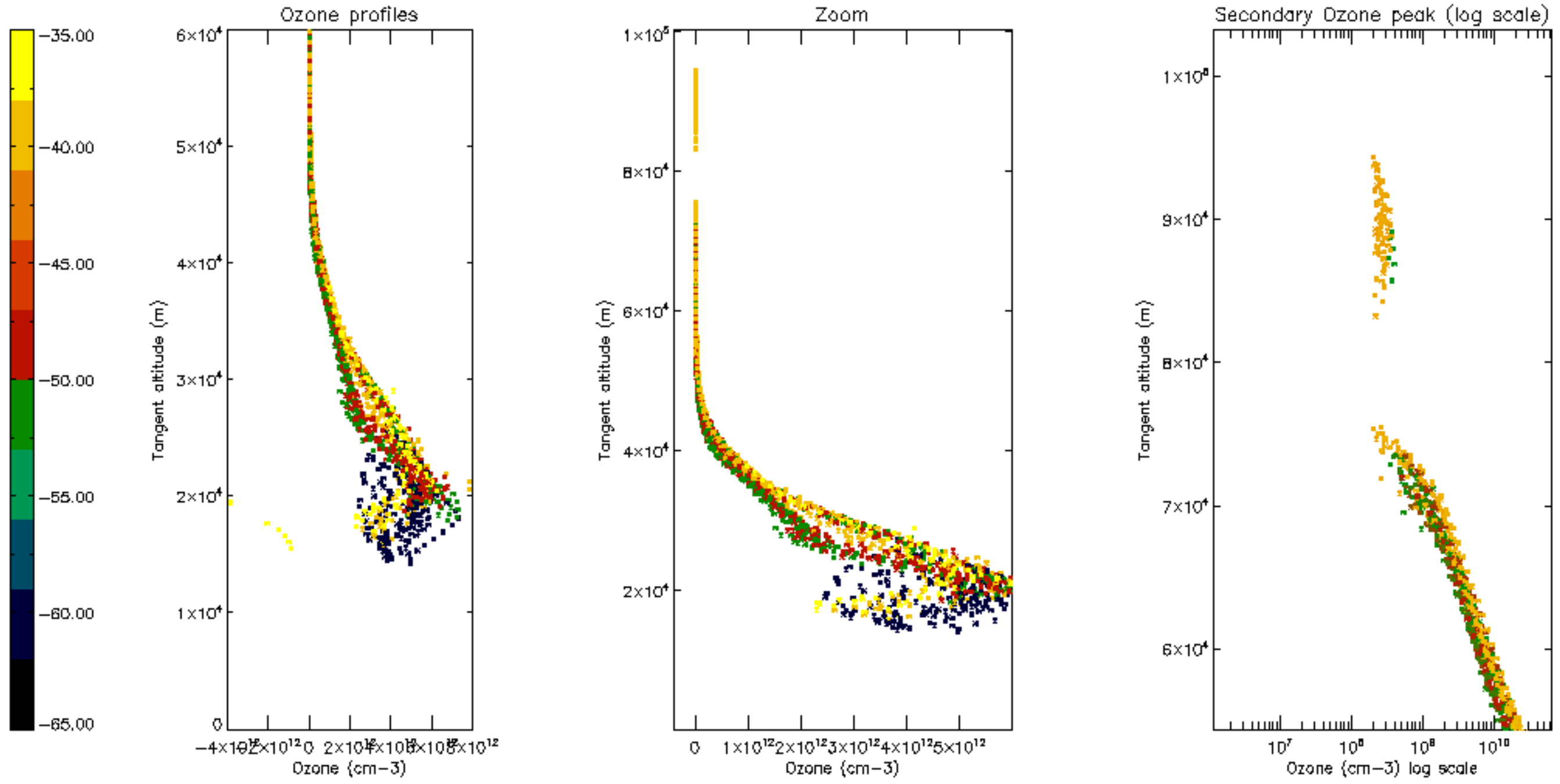
Percentage of saturation errors per profile

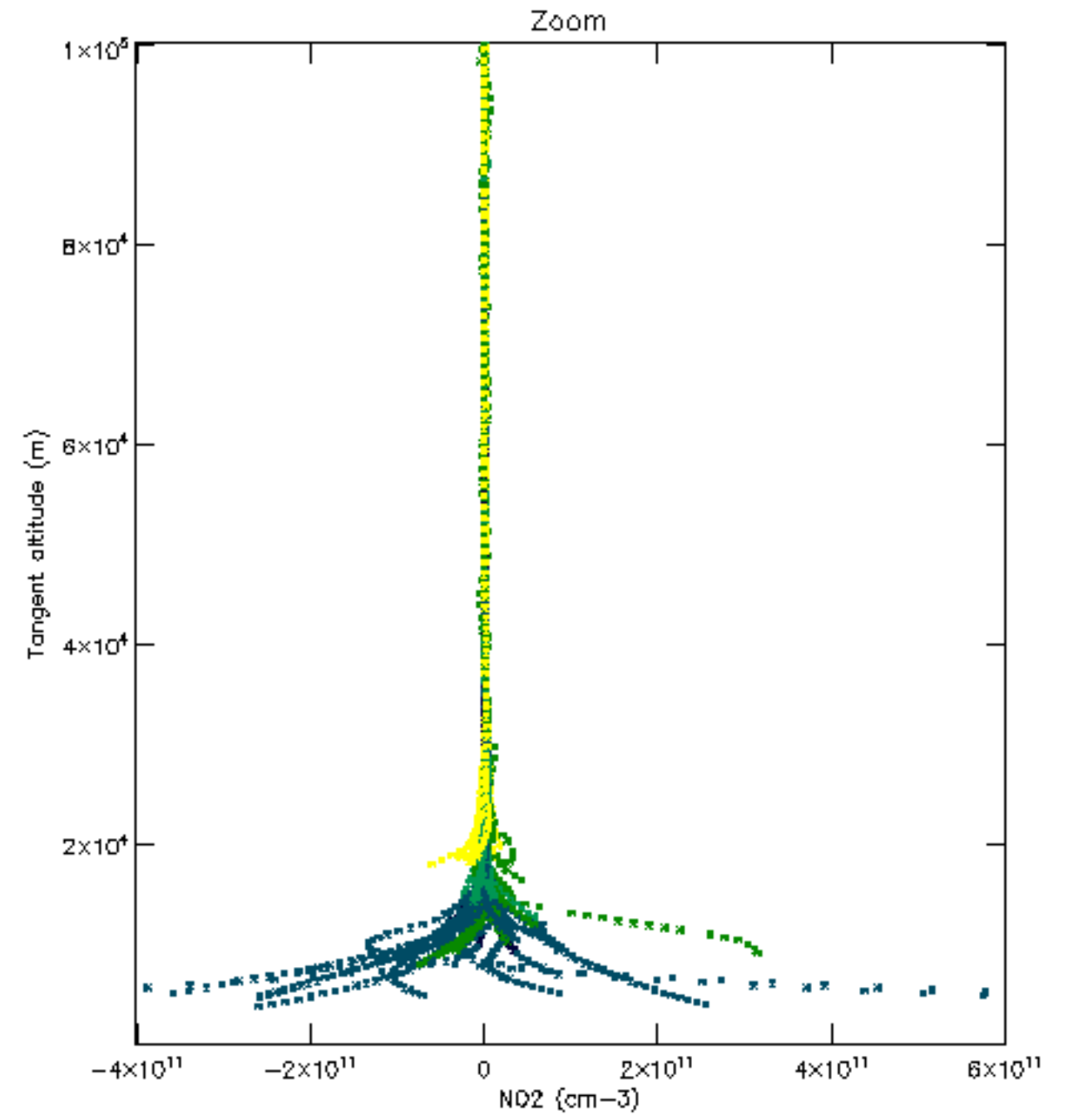
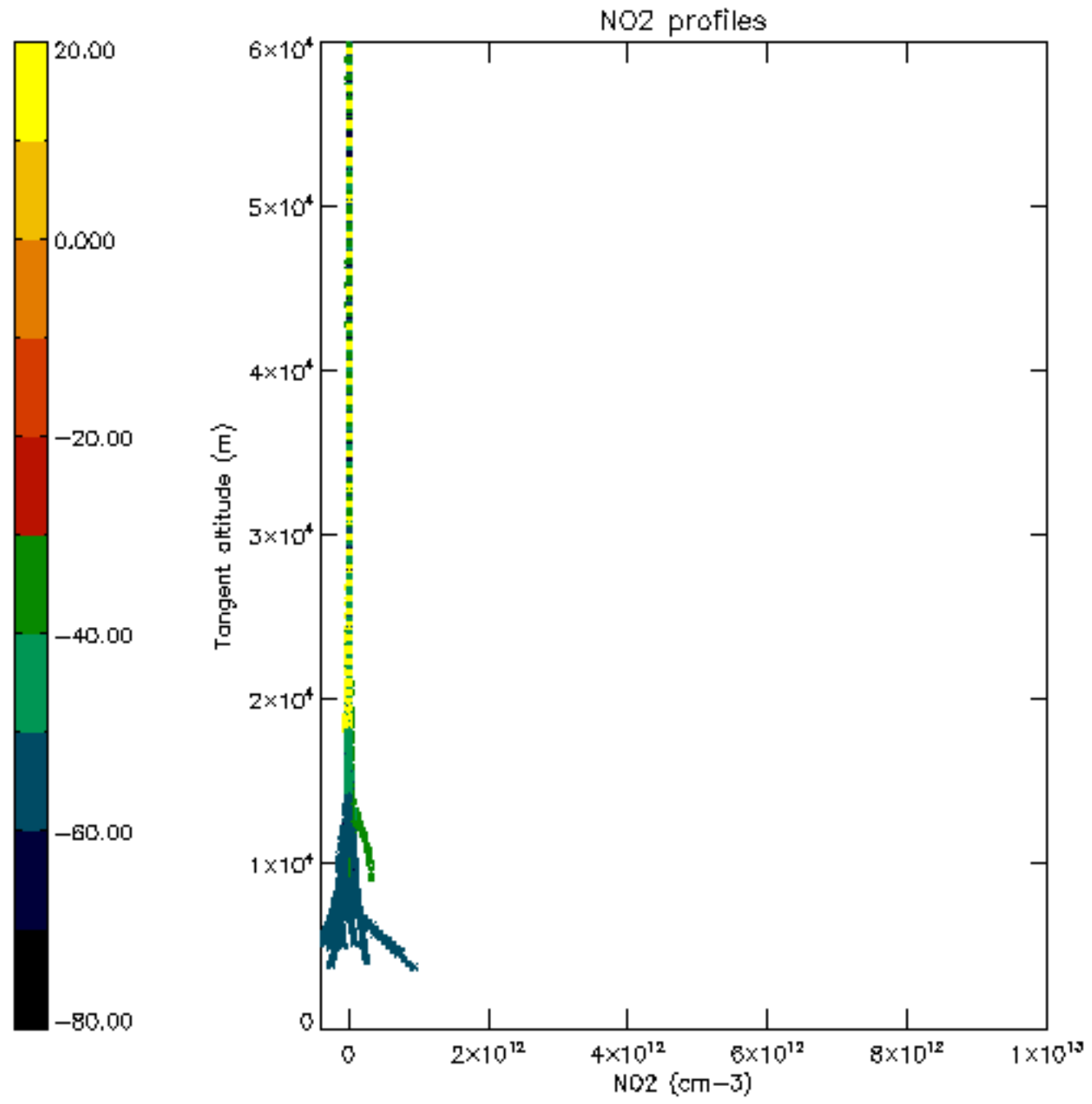


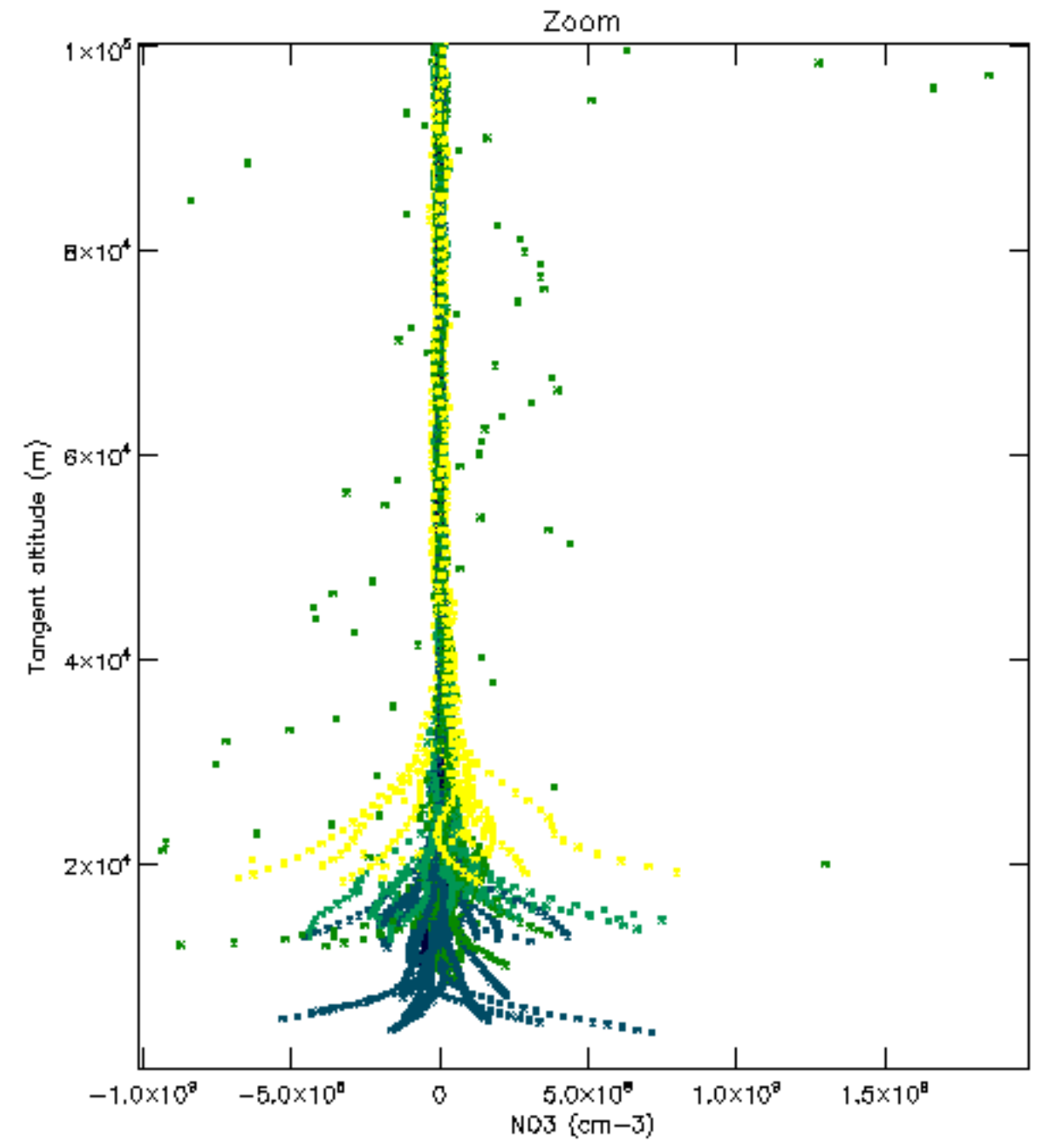
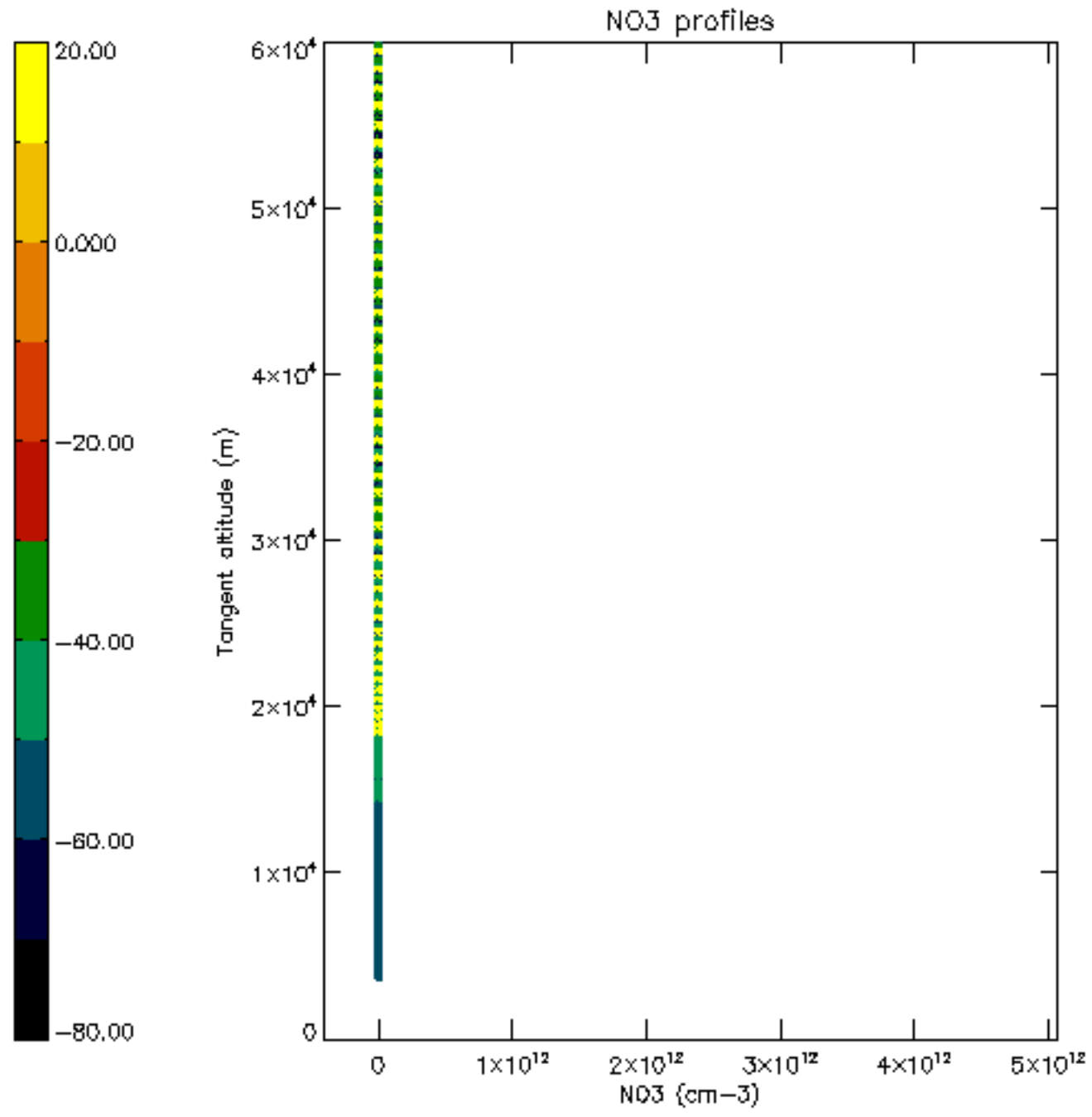


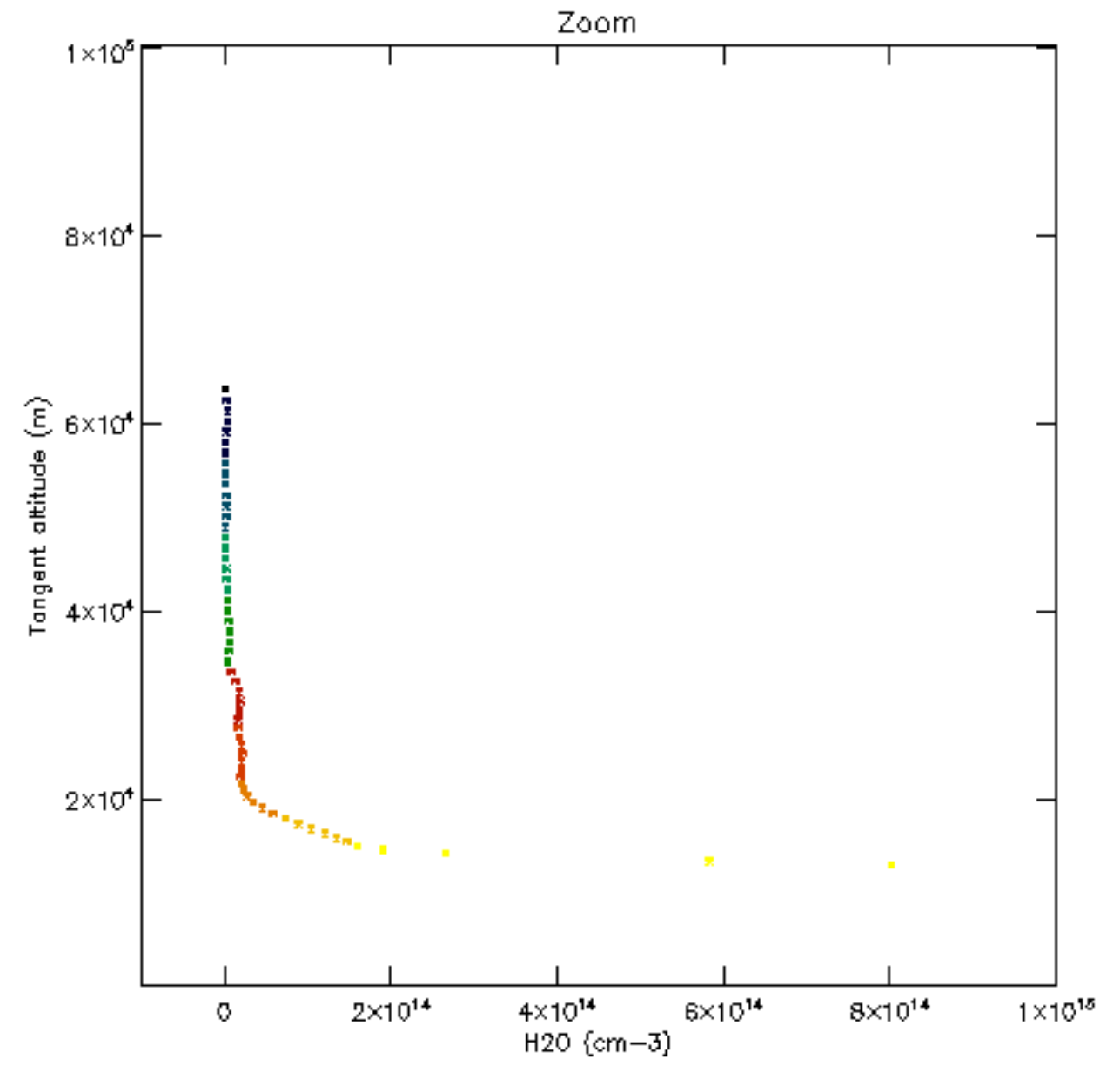
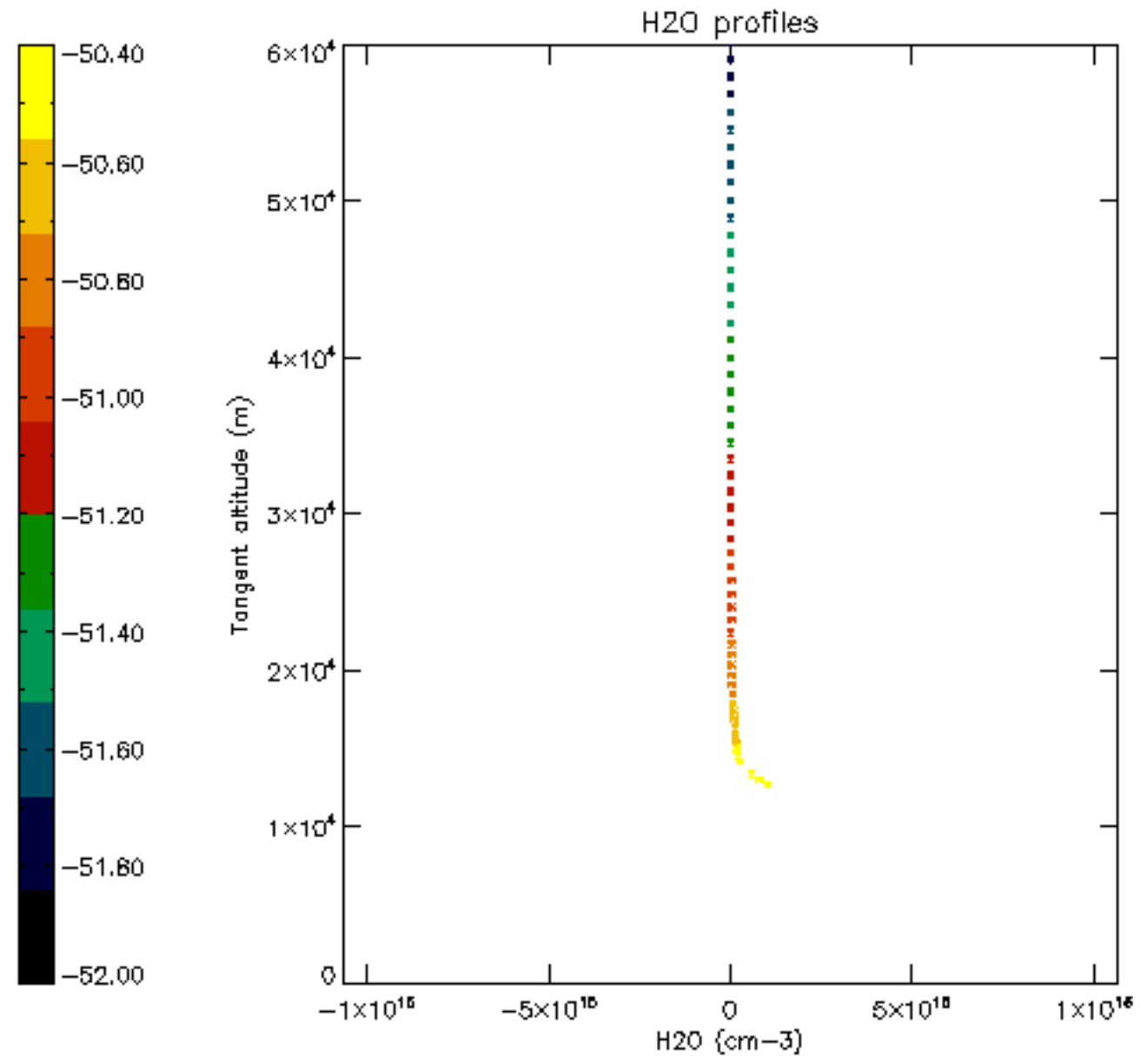


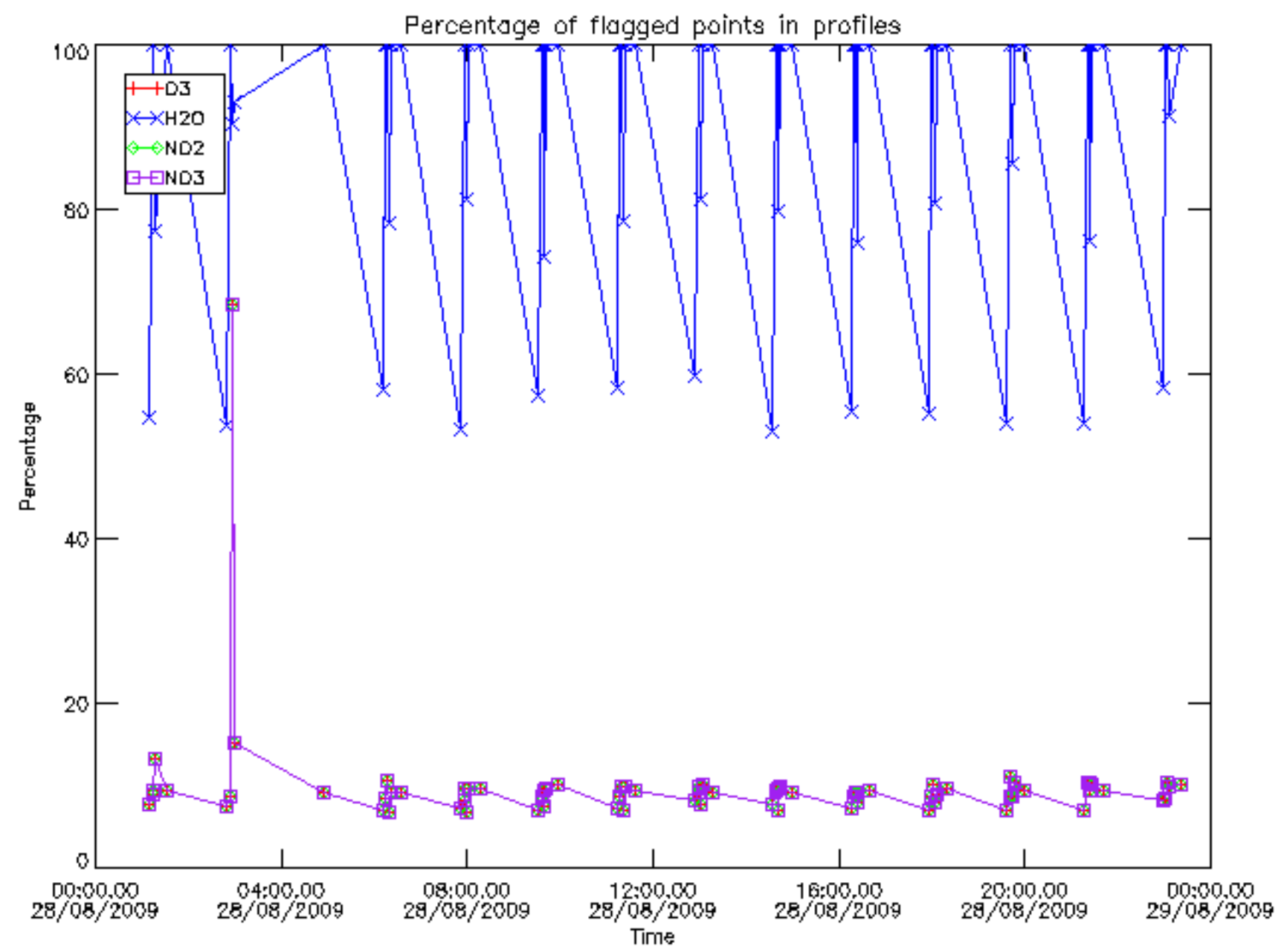




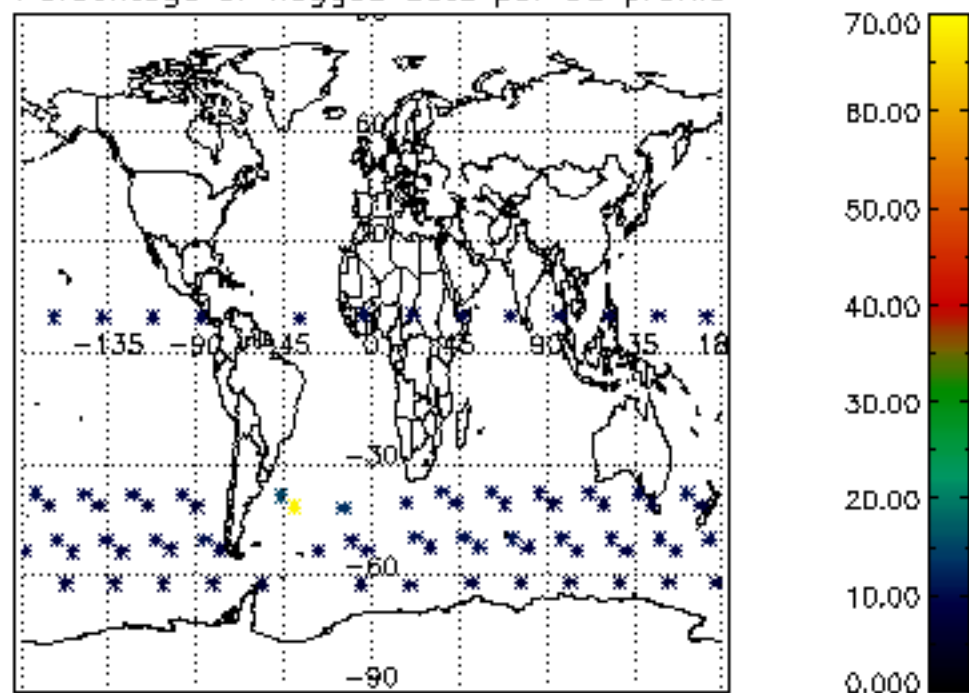




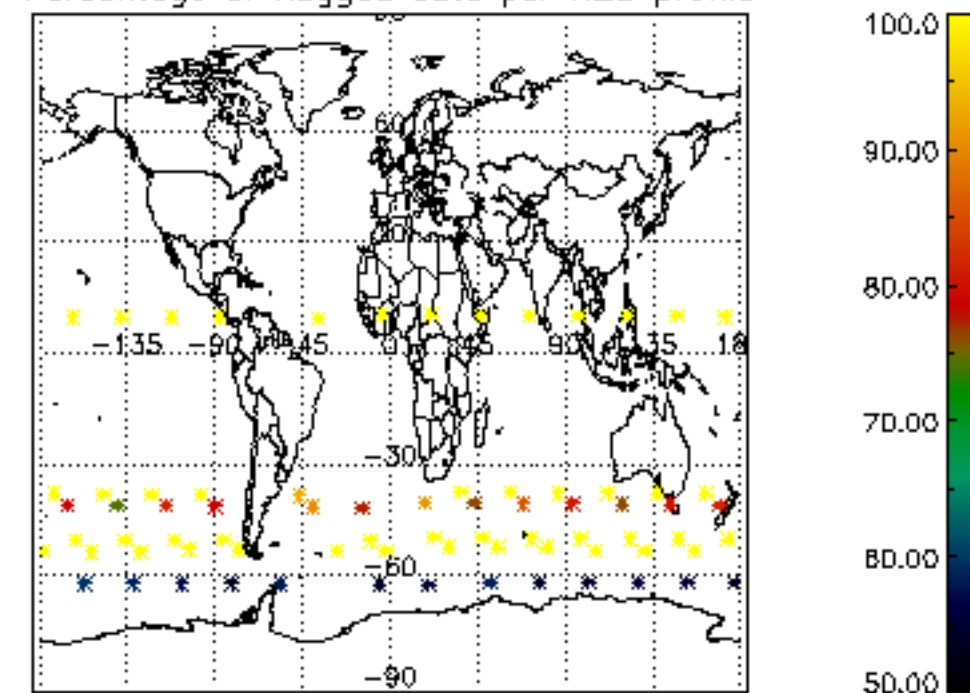




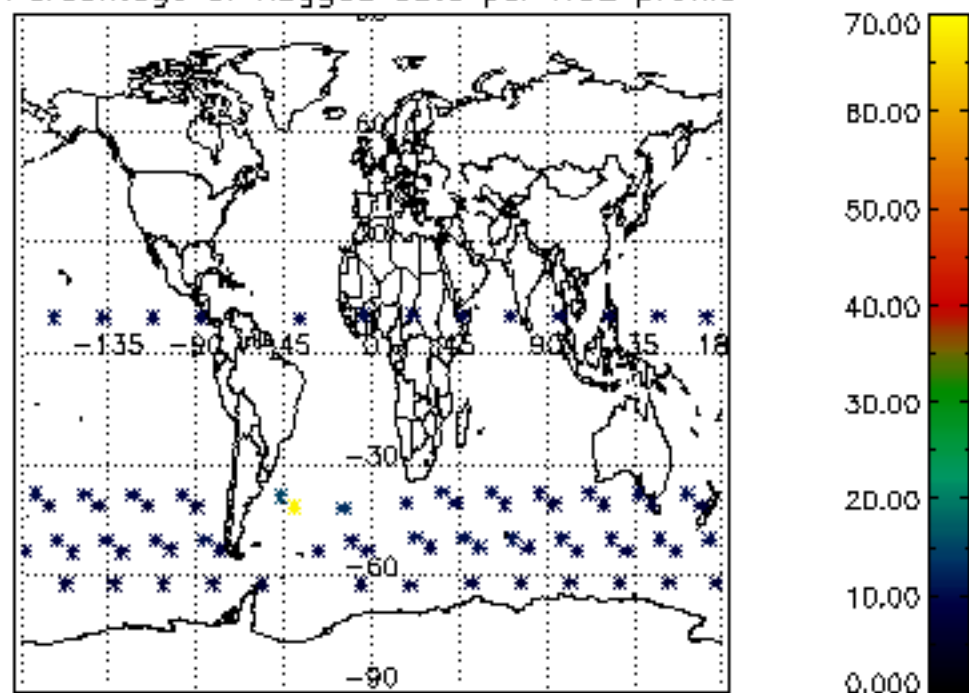
Percentage of flagged data per D3 profile



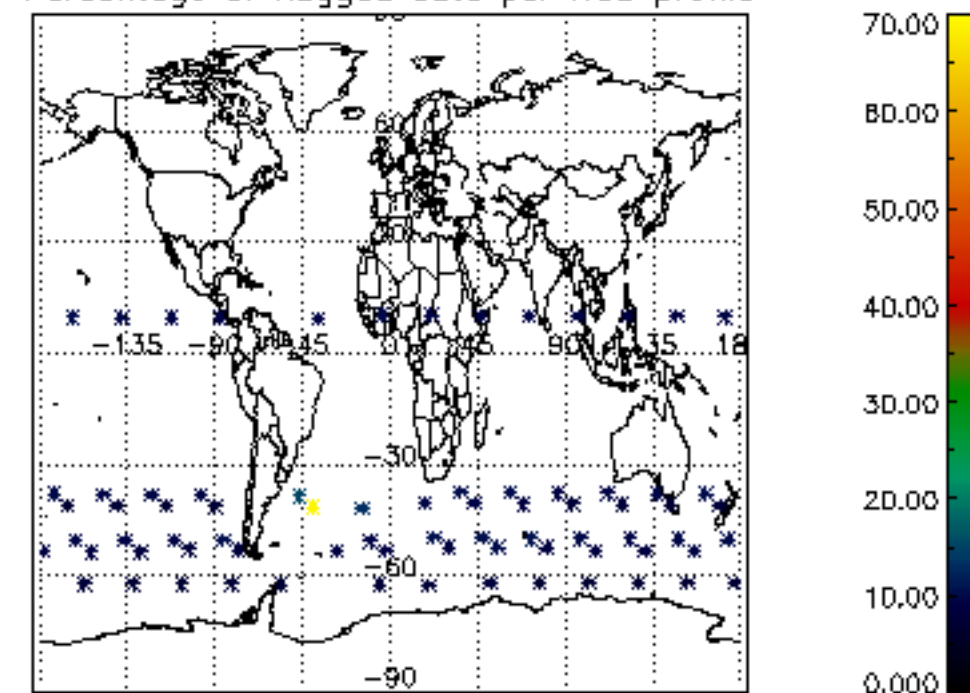
Percentage of flagged data per H2O profile

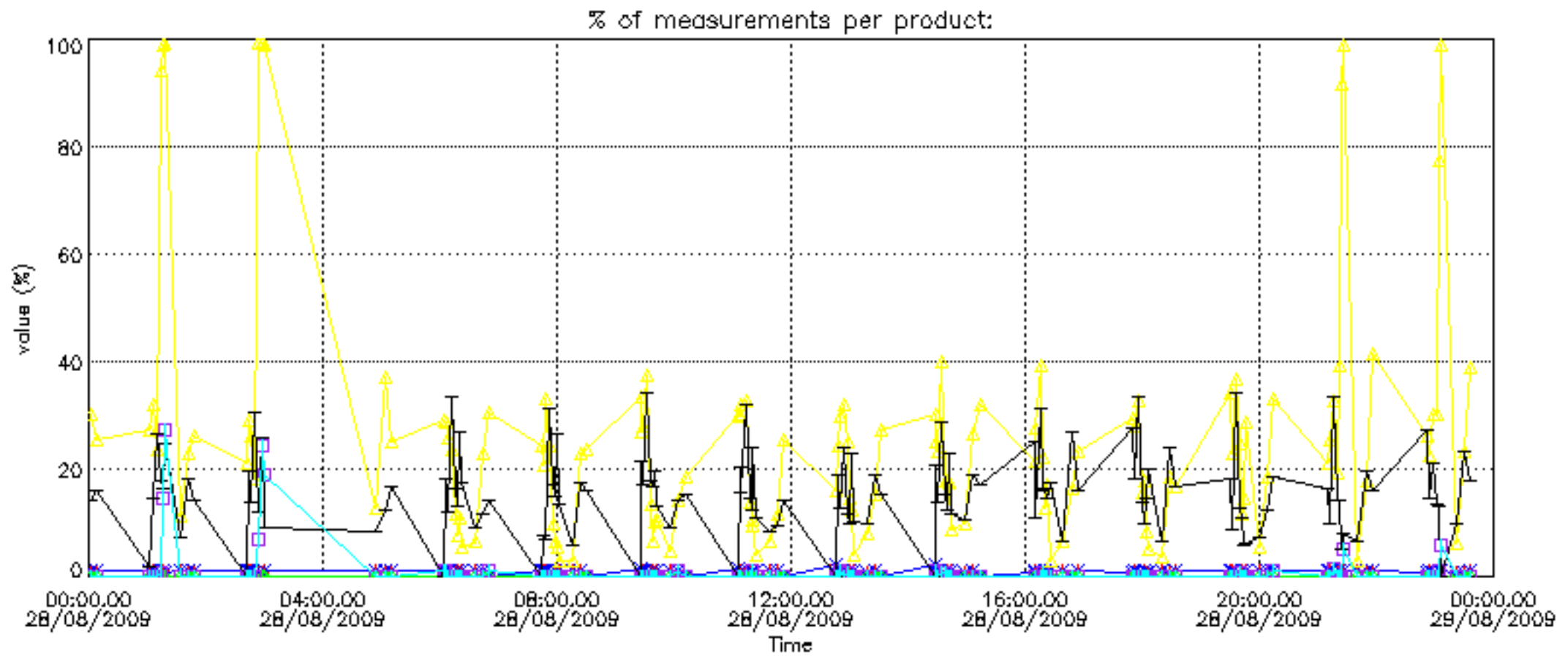


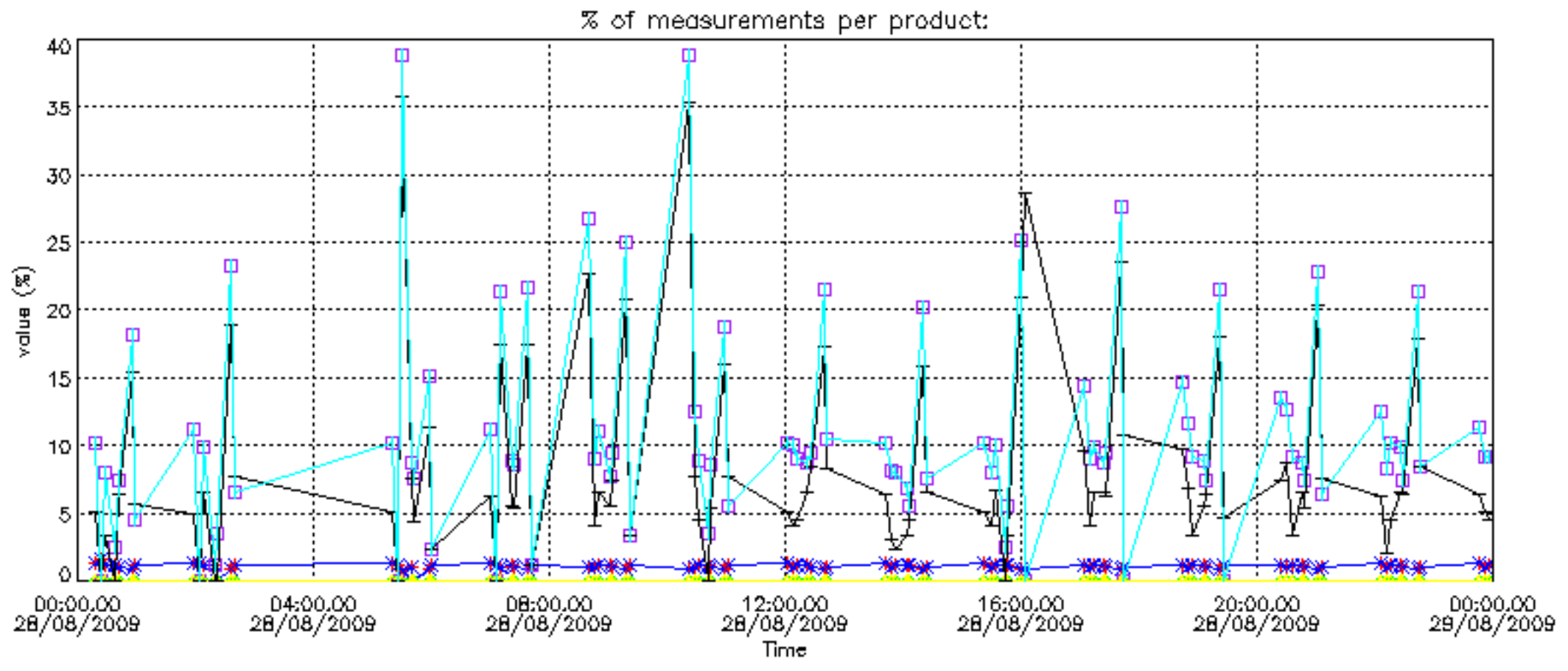
Percentage of flagged data per NO2 profile



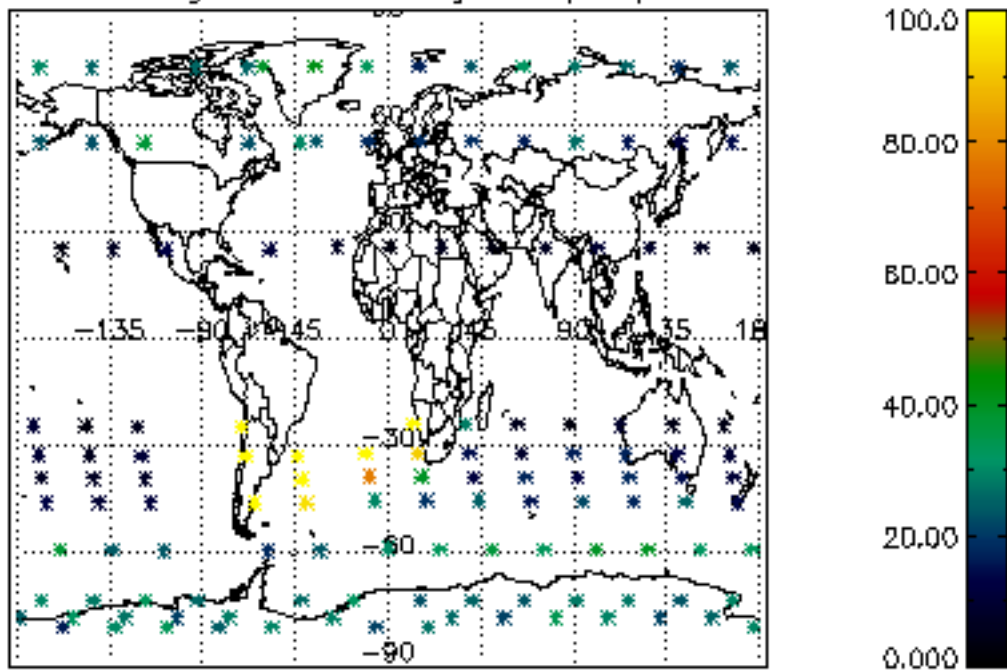
Percentage of flagged data per NO3 profile



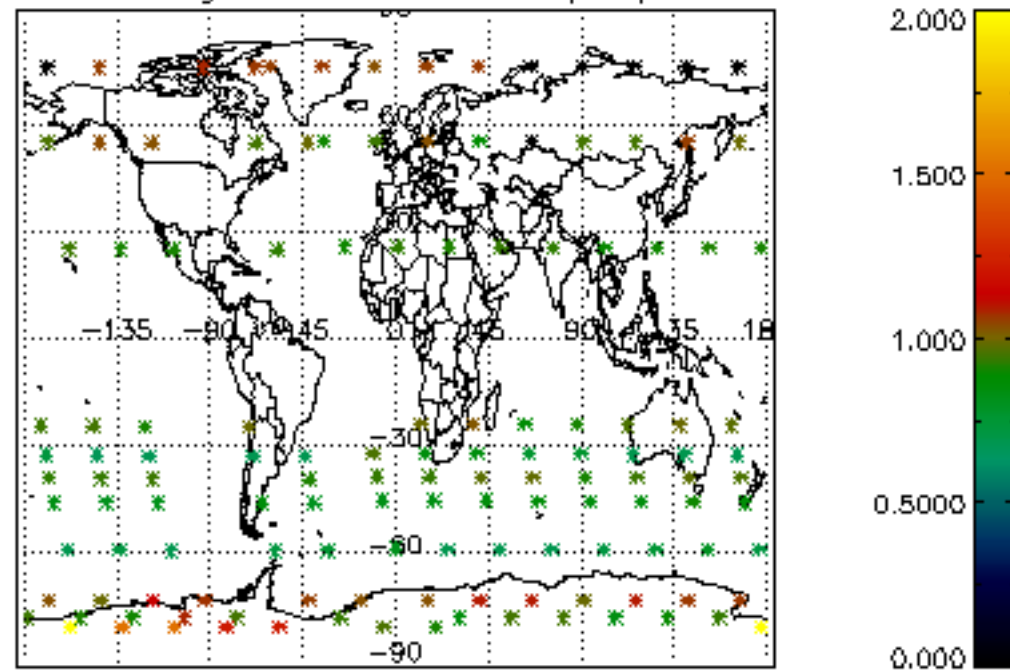




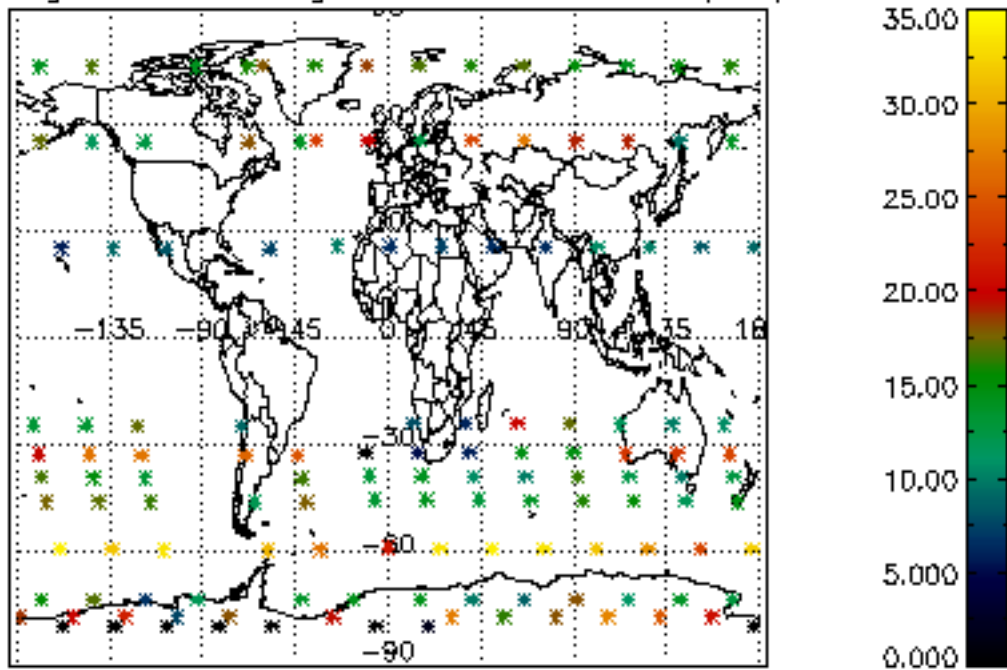
Percentage of cosmic ray hits per profile



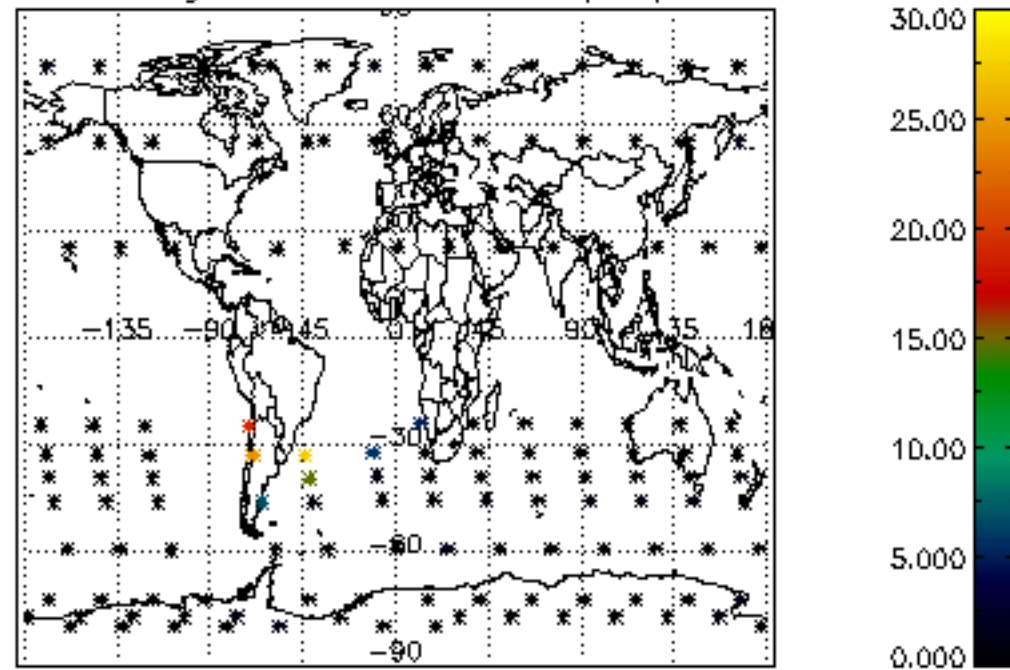
Percentage of datation errors per profile



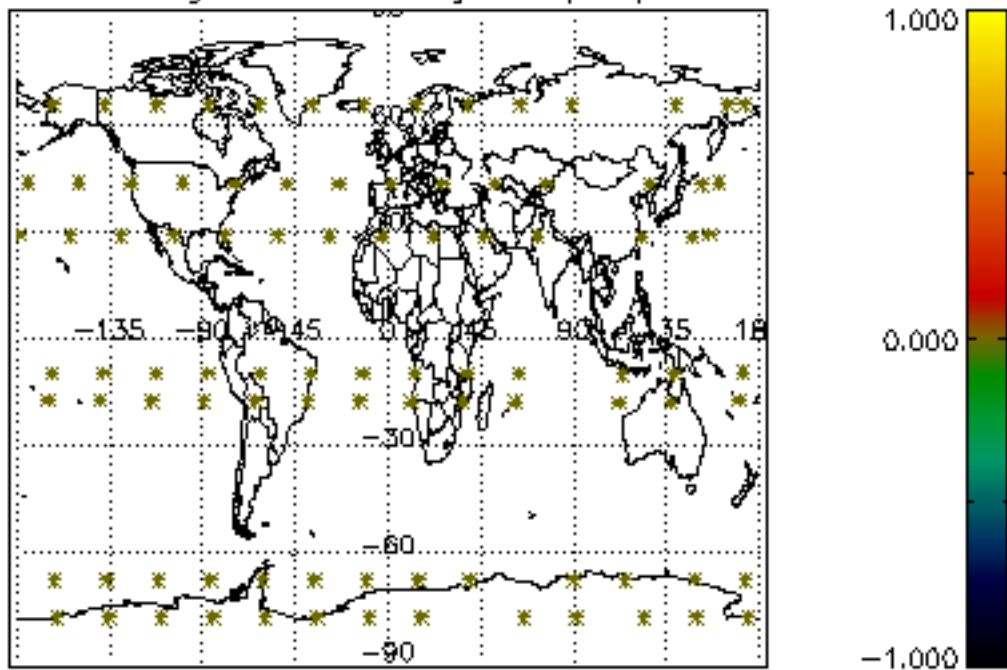
Percentage of star falling outside central band per profile



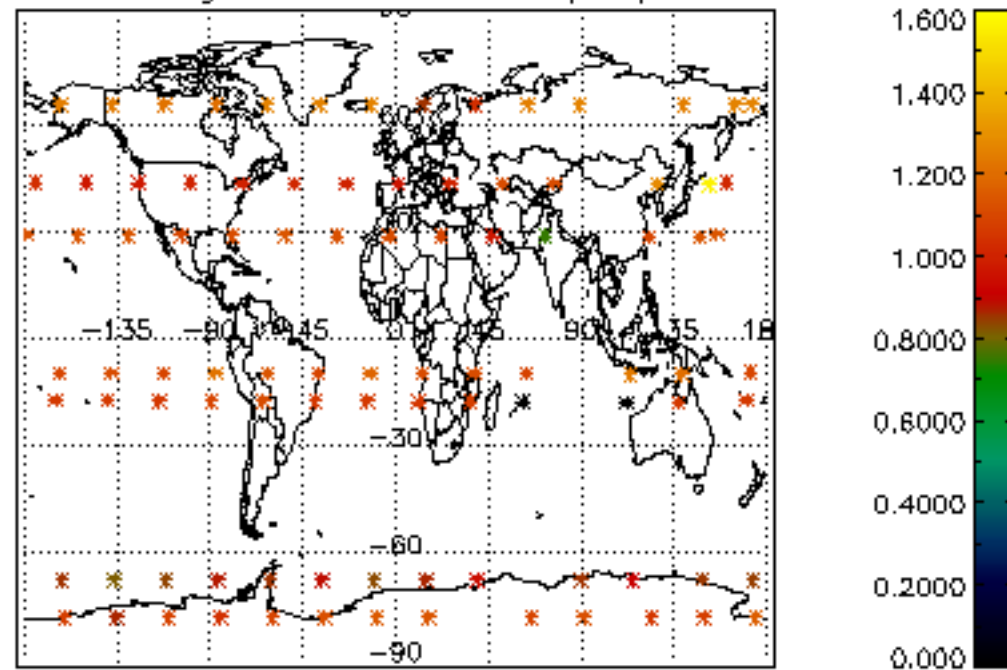
Percentage of saturation errors per profile



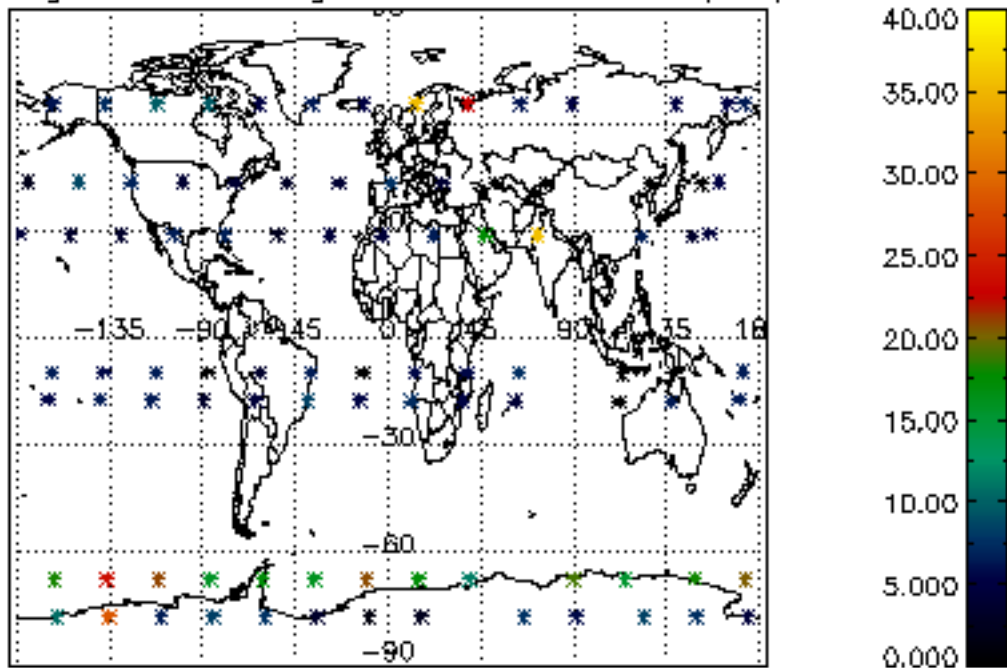
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

