

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	24APR2013 14:09:18
Data source version	GOMOS/6.01
Start time of products	29-05-2011 (29MAY2011 00:00:00)
Stop time of products	30-05-2011 (30MAY2011 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	325
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__2PRFIN20110529_000032_000000443103_00045_48335_6340.N1	29-MAY-2011 00:00:32	Bright	43.500	98	13Zet Oph	2.5710	30000.	87	48335	No
2	GOM_NL__2PRFIN20110529_000245_000000413103_00045_48335_6341.N1	29-MAY-2011 00:02:45	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	48335	No
3	GOM_NL__2PRFIN20110529_000546_000000383103_00045_48335_6342.N1	29-MAY-2011 00:05:46	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	48335	No
4	GOM_NL__2PRFIN20110529_001142_000000383103_00045_48335_6343.N1	29-MAY-2011 00:11:42	Bright	37.500	67	5Alp CrB	2.2210	11000.	75	48335	No
5	GOM_NL__2PRFIN20110529_001434_000000463103_00045_48335_6344.N1	29-MAY-2011 00:14:34	Bright	46.000	133	40Zet Her	2.8070	6000.0	92	48335	No
6	GOM_NL__2PRFIN20110529_002221_000000403103_00045_48335_6345.N1	29-MAY-2011 00:22:21	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	48335	No
7	GOM_NL__2PRFIN20110529_003251_000000463103_00045_48335_6346.N1	29-MAY-2011 00:32:51	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	48335	No
8	GOM_NL__2PRFIN20110529_003735_000000553103_00045_48335_6347.N1	29-MAY-2011 00:37:35	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	48335	No
9	GOM_NL__2PRFIN20110529_004511_000000413103_00045_48335_6348.N1	29-MAY-2011 00:45:11	Bright	41.000	53	43Bet And	2.0480	3300.0	82	48335	No
10	GOM_NL__2PRFIN20110529_004748_000000543103_00045_48335_6349.N1	29-MAY-2011 00:47:48	Twilight	54.000	58	21Alp And	2.0730	11000.	108	48335	No
11	GOM_NL__2PRFIN20110529_005235_000000503103_00045_48335_6350.N1	29-MAY-2011 00:52:35	Dark	50.000	140	88Gam Peg	2.8340	26000.	100	48335	No
12	GOM_NL__2PRFIN20110529_010130_000000473103_00045_48335_6351.N1	29-MAY-2011 01:01:30	Dark	46.500	52	16Bet Cet	2.0370	4500.0	93	48335	No
13	GOM_NL__2PRFIN20110529_010948_000000643103_00045_48335_6352.N1	29-MAY-2011 01:09:48	Dark	64.000	18	24Alp PsA	1.1660	9700.0	128	48335	No
14	GOM_NL__2PRFIN20110529_011320_000000593103_00046_48336_6350.N1	29-MAY-2011 01:13:20	Dark	58.500	63	Bet Gru	2.1500	2800.0	117	48336	No
15	GOM_NL__2PRFIN20110529_011509_000000453103_00046_48336_6351.N1	29-MAY-2011 01:15:09	Dark	44.500	31	Alp Gru	1.7340	15200.	89	48336	No
16	GOM_NL__2PRFIN20110529_012015_000000433103_00046_48336_6352.N1	29-MAY-2011 01:20:15	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	48336	No
17	GOM_NL__2PRFIN20110529_012749_000000423103_00046_48336_6353.N1	29-MAY-2011 01:27:49	Straylight	41.500	147	Alp Ara	2.8770	26000.	83	48336	No
18	GOM_NL__2PRFIN20110529_012929_000000483103_00046_48336_6354.N1	29-MAY-2011 01:29:29	Straylight	48.000	40	The Sco	1.8590	7100.0	96	48336	No
19	GOM_NL__2PRFIN20110529_013117_000000483103_00046_48336_6355.N1	29-MAY-2011 01:31:17	Twilight	47.500	25	35Lam Sco	1.6200	28000.	95	48336	No
20	GOM_NL__2PRFIN20110529_013307_000000493103_00046_48336_6356.N1	29-MAY-2011 01:33:07	Twilight	48.500	75	26Eps Sco	2.2910	4250.0	97	48336	No
21	GOM_NL__2PRFIN20110529_013511_000000453103_00046_48336_6357.N1	29-MAY-2011 01:35:11	Twilight	45.000	136	23Tau Sco	2.8220	30000.	90	48336	No
22	GOM_NL__2PRFIN20110529_014046_000000443103_00046_48336_6358.N1	29-MAY-2011 01:40:46	Bright	43.500	98	13Zet Oph	2.5710	30000.	87	48336	No
23	GOM_NL__2PRFIN20110529_014259_000000413103_00046_48336_6359.N1	29-MAY-2011 01:42:59	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	48336	No
24	GOM_NL__2PRFIN20110529_014600_000000383103_00046_48336_6360.N1	29-MAY-2011 01:46:00	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	48336	No
25	GOM_NL__2PRFIN20110529_015156_000000393103_00046_48336_6361.N1	29-MAY-2011 01:51:56	Bright	39.000	67	5Alp CrB	2.2210	11000.	78	48336	No
26	GOM_NL__2PRFIN20110529_015447_000000623103_00046_48336_6362.N1	29-MAY-2011 01:54:47	Bright	62.000	133	40Zet Her	2.8070	6000.0	124	48336	No
27	GOM_NL__2PRFIN20110529_020234_000000403103_00046_48336_6363.N1	29-MAY-2011 02:02:34	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	48336	No
28	GOM_NL__2PRFIN20110529_021304_000000463103_00046_48336_6364.N1	29-MAY-2011 02:13:04	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	48336	No
29	GOM_NL__2PRFIN20110529_021748_000000553103_00046_48336_6365.N1	29-MAY-2011 02:17:48	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	48336	No
30	GOM_NL__2PRFIN20110529_022526_000000513103_00046_48336_6366.N1	29-MAY-2011 02:25:26	Bright	50.500	53	43Bet And	2.0480	3300.0	101	48336	No
31	GOM_NL__2PRFIN20110529_022802_000000543103_00046_48336_6367.N1	29-MAY-2011 02:28:02	Twilight	53.500	58	21Alp And	2.0730	11000.	107	48336	No
32	GOM_NL__2PRFIN20110529_023249_000000493103_00046_48336_6368.N1	29-MAY-2011 02:32:49	Dark	49.000	140	88Gam Peg	2.8340	26000.	98	48336	No
33	GOM_NL__2PRFIN20110529_024144_000000463103_00046_48336_6369.N1	29-MAY-2011 02:41:44	Dark	46.000	52	16Bet Cet	2.0370	4500.0	92	48336	No
34	GOM_NL__2PRFIN20110529_025003_000000593103_00046_48336_6370.N1	29-MAY-2011 02:50:03	Dark	58.500	18	24Alp PsA	1.1660	9700.0	117	48336	No
35	GOM_NL__2PRFIN20110529_025335_000000603103_00047_48337_6390.N1	29-MAY-2011 02:53:35	Dark	59.500	63	Bet Gru	2.1500	2800.0	119	48337	No
36	GOM_NL__2PRFIN20110529_025524_000000463103_00047_48337_6391.N1	29-MAY-2011 02:55:24	Dark	45.500	31	Alp Gru	1.7340	15200.	91	48337	No
37	GOM_NL__2PRFIN20110529_030029_000000443103_00047_48337_6392.N1	29-MAY-2011 03:00:29	Straylight	43.500	45	Alp Pav	1.9400	26000.	87	48337	No
38	GOM_NL__2PRFIN20110529_030803_000000413103_00047_48337_6393.N1	29-MAY-2011 03:08:03	Straylight	40.500	147	Alp Ara	2.8770	26000.	81	48337	No
39	GOM_NL__2PRFIN20110529_030943_000000533103_00047_48337_6394.N1	29-MAY-2011 03:09:43	Straylight	53.000	40	The Sco	1.8590	7100.0	106	48337	No
40	GOM_NL__2PRFIN20110529_031131_000000483103_00047_48337_6395.N1	29-MAY-2011 03:11:31	Twilight	47.500	25	35Lam Sco	1.6200	28000.	95	48337	No
41	GOM_NL__2PRFIN20110529_031321_000000463103_00047_48337_6396.N1	29-MAY-2011 03:13:21	Twilight	45.500	75	26Eps Sco	2.2910	4250.0	91	48337	No
42	GOM_NL__2PRFIN20110529_031525_000000443103_00047_48337_6397.N1	29-MAY-2011 03:15:25	Twilight	43.500	136	23Tau Sco	2.8220	30000.	87	48337	No

43	GOM_NL__2PRFIN20110529_032100_000000433103_00047_48337_6398.N1	29-MAY-2011 03:21:00	Bright	43.000	98	13Zet Oph	2.5710	30000.	86	48337	No
44	GOM_NL__2PRFIN20110529_032313_000000413103_00047_48337_6399.N1	29-MAY-2011 03:23:13	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	48337	No
45	GOM_NL__2PRFIN20110529_032614_000000383103_00047_48337_6400.N1	29-MAY-2011 03:26:14	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	48337	No
46	GOM_NL__2PRFIN20110529_033210_000000393103_00047_48337_6401.N1	29-MAY-2011 03:32:10	Bright	38.500	67	5Alp CrB	2.2210	11000.	77	48337	No
47	GOM_NL__2PRFIN20110529_033501_000000453103_00047_48337_6402.N1	29-MAY-2011 03:35:01	Bright	45.000	133	40Zet Her	2.8070	6000.0	90	48337	No
48	GOM_NL__2PRFIN20110529_034248_000000403103_00047_48337_6403.N1	29-MAY-2011 03:42:48	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	48337	No
49	GOM_NL__2PRFIN20110529_035317_000000473103_00047_48337_6404.N1	29-MAY-2011 03:53:17	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	48337	No
50	GOM_NL__2PRFIN20110529_035802_000000463103_00047_48337_6405.N1	29-MAY-2011 03:58:02	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	48337	No
51	GOM_NL__2PRFIN20110529_040540_000000413103_00047_48337_6406.N1	29-MAY-2011 04:05:40	Bright	40.500	53	43Bet And	2.0480	3300.0	81	48337	No
52	GOM_NL__2PRFIN20110529_040817_000000503103_00047_48337_6407.N1	29-MAY-2011 04:08:17	Twi_and_stray	50.000	58	21Alp And	2.0730	11000.	100	48337	No
53	GOM_NL__2PRFIN20110529_041303_000000493103_00047_48337_6408.N1	29-MAY-2011 04:13:03	Dark	48.500	140	88Gam Peg	2.8340	26000.	97	48337	No
54	GOM_NL__2PRFIN20110529_042159_000000463103_00047_48337_6409.N1	29-MAY-2011 04:21:59	Dark	46.000	52	16Bet Cet	2.0370	4500.0	92	48337	No
55	GOM_NL__2PRFIN20110529_043019_000000523103_00047_48337_6410.N1	29-MAY-2011 04:30:19	Dark	51.500	18	24Alp PsA	1.1660	9700.0	103	48337	No
56	GOM_NL__2PRFIN20110529_043350_000000603103_00048_48338_6410.N1	29-MAY-2011 04:33:50	Dark	59.500	63	Bet Gru	2.1500	2800.0	119	48338	No
57	GOM_NL__2PRFIN20110529_043539_000000463103_00048_48338_6411.N1	29-MAY-2011 04:35:39	Dark	46.000	31	Alp Gru	1.7340	15200.	92	48338	No
58	GOM_NL__2PRFIN20110529_044044_000000433103_00048_48338_6412.N1	29-MAY-2011 04:40:44	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	48338	No
59	GOM_NL__2PRFIN20110529_044818_000000443103_00048_48338_6413.N1	29-MAY-2011 04:48:18	Straylight	43.500	147	Alp Ara	2.8770	26000.	87	48338	No
60	GOM_NL__2PRFIN20110529_044958_000000453103_00048_48338_6414.N1	29-MAY-2011 04:49:58	Straylight	44.500	40	The Sco	1.8590	7100.0	89	48338	No
61	GOM_NL__2PRFIN20110529_045146_000000493103_00048_48338_6415.N1	29-MAY-2011 04:51:46	Twi_and_stray	49.000	25	35Lam Sco	1.6200	28000.	98	48338	No
62	GOM_NL__2PRFIN20110529_045336_000000473103_00048_48338_6416.N1	29-MAY-2011 04:53:36	Twi_and_stray	47.000	75	26Eps Sco	2.2910	4250.0	94	48338	No
63	GOM_NL__2PRFIN20110529_045540_000000443103_00048_48338_6417.N1	29-MAY-2011 04:55:40	Twi_and_stray	44.000	136	23Tau Sco	2.8220	30000.	88	48338	No
64	GOM_NL__2PRFIN20110529_045746_000000423103_00048_48338_6418.N1	29-MAY-2011 04:57:46	Bright	42.000	80	7Del Sco	2.3160	30000.	84	48338	No
65	GOM_NL__2PRFIN20110529_045921_000000483103_00048_48338_6419.N1	29-MAY-2011 04:59:21	Bright	47.500	86	35Eta Oph	2.4300	10200.	95	48338	No
66	GOM_NL__2PRFIN20110529_050114_000000443103_00048_48338_6420.N1	29-MAY-2011 05:01:14	Bright	43.500	98	13Zet Oph	2.5710	30000.	87	48338	No
67	GOM_NL__2PRFIN20110529_050327_000000413103_00048_48338_6421.N1	29-MAY-2011 05:03:27	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	48338	No
68	GOM_NL__2PRFIN20110529_050628_000000383103_00048_48338_6422.N1	29-MAY-2011 05:06:28	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	48338	No
69	GOM_NL__2PRFIN20110529_051224_000000393103_00048_48338_6423.N1	29-MAY-2011 05:12:24	Bright	39.000	67	5Alp CrB	2.2210	11000.	78	48338	No
70	GOM_NL__2PRFIN20110529_051514_000000453103_00048_48338_6424.N1	29-MAY-2011 05:15:14	Bright	44.500	133	40Zet Her	2.8070	6000.0	89	48338	No
71	GOM_NL__2PRFIN20110529_052302_000000493103_00048_48338_6425.N1	29-MAY-2011 05:23:02	Bright	49.000	119	14Eta Dra	2.7270	4700.0	98	48338	No
72	GOM_NL__2PRFIN20110529_053331_000000473103_00048_48338_6426.N1	29-MAY-2011 05:33:31	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	48338	No
73	GOM_NL__2PRFIN20110529_053816_000000383103_00048_48338_6427.N1	29-MAY-2011 05:38:16	Bright	37.500	76	27Gam Cas	2.3000	30000.	75	48338	No
74	GOM_NL__2PRFIN20110529_054554_000000433103_00048_48338_6428.N1	29-MAY-2011 05:45:54	Bright	42.500	53	43Bet And	2.0480	3300.0	85	48338	No
75	GOM_NL__2PRFIN20110529_054831_000000533103_00048_48338_6429.N1	29-MAY-2011 05:48:31	Twi_and_stray	53.000	58	21Alp And	2.0730	11000.	106	48338	No
76	GOM_NL__2PRFIN20110529_055318_000000523103_00048_48338_6430.N1	29-MAY-2011 05:53:18	Dark	51.500	140	88Gam Peg	2.8340	26000.	103	48338	No
77	GOM_NL__2PRFIN20110529_060214_000000493103_00048_48338_6431.N1	29-MAY-2011 06:02:14	Dark	48.500	52	16Bet Cet	2.0370	4500.0	97	48338	No
78	GOM_NL__2PRFIN20110529_061034_000000543103_00048_48338_6432.N1	29-MAY-2011 06:10:34	Dark	53.500	18	24Alp PsA	1.1660	9700.0	107	48338	No
79	GOM_NL__2PRFIN20110529_061405_000000623103_00049_48339_6423.N1	29-MAY-2011 06:14:05	Dark	62.000	63	Bet Gru	2.1500	2800.0	124	48339	No
80	GOM_NL__2PRFIN20110529_061554_000000473103_00049_48339_6424.N1	29-MAY-2011 06:15:54	Dark	46.500	31	Alp Gru	1.7340	15200.	93	48339	No
81	GOM_NL__2PRFIN20110529_062059_000000453103_00049_48339_6425.N1	29-MAY-2011 06:20:59	Straylight	44.500	45	Alp Pav	1.9400	26000.	89	48339	No
82	GOM_NL__2PRFIN20110529_062832_000000443103_00049_48339_6426.N1	29-MAY-2011 06:28:32	Straylight	44.000	147	Alp Ara	2.8770	26000.	88	48339	No
83	GOM_NL__2PRFIN20110529_063012_000000513103_00049_48339_6427.N1	29-MAY-2011 06:30:12	Straylight	50.500	40	The Sco	1.8590	7100.0	101	48339	No
84	GOM_NL__2PRFIN20110529_063200_000000523103_00049_48339_6428.N1	29-MAY-2011 06:32:00	Twi_and_stray	51.500	25	35Lam Sco	1.6200	28000.	103	48339	No
85	GOM_NL__2PRFIN20110529_063350_000000503103_00049_48339_6429.N1	29-MAY-2011 06:33:50	Twi_and_stray	49.500	75	26Eps Sco	2.2910	4250.0	99	48339	No
86	GOM_NL__2PRFIN20110529_063554_000000423103_00049_48339_6430.N1	29-MAY-2011 06:35:54	Twi_and_stray	42.000	136	23Tau Sco	2.8220	30000.	84	48339	No
87	GOM_NL__2PRFIN20110529_063801_000000413103_00049_48339_6431.N1	29-MAY-2011 06:38:01	Bright	40.500	80	7Del Sco	2.3160	30000.	81	48339	No
88	GOM_NL__2PRFIN20110529_063935_000000483103_00049_48339_6432.N1	29-MAY-2011 06:39:35	Bright	47.500	86	35Eta Oph	2.4300	10200.	95	48339	No
89	GOM_NL__2PRFIN20110529_064128_000000433103_00049_48339_6433.N1	29-MAY-2011 06:41:28	Bright	42.500	98	13Zet Oph	2.5710	30000.	85	48339	No
90	GOM_NL__2PRFIN20110529_064341_000000413103_00049_48339_6434.N1	29-MAY-2011 06:43:41	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	48339	No
91	GOM_NL__2PRFIN20110529_064642_000000383103_00049_48339_6435.N1	29-MAY-2011 06:46:42	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	48339	No
92	GOM_NL__2PRFIN20110529_065238_000000373103_00049_48339_6436.N1	29-MAY-2011 06:52:38	Bright	37.000	67	5Alp CrB	2.2210	11000.	74	48339	No
93	GOM_NL__2PRFIN20110529_065527_000000463103_00049_48339_6437.N1	29-MAY-2011 06:55:27	Bright	45.500	133	40Zet Her	2.8070	6000.0	91	48339	No
94	GOM_NL__2PRFIN20110529_070316_000000393103_00049_48339_6438.N1	29-MAY-2011 07:03:16	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	48339	No
95	GOM_NL__2PRFIN20110529_071344_000000483103_00049_48339_6439.N1	29-MAY-2011 07:13:44	Bright	47.500	89	5Alp Cep	2.4510	8000.0	95	48339	No
96	GOM_NL__2PRFIN20110529_071830_000000383103_00049_48339_6440.N1	29-MAY-2011 07:18:30	Bright	38.000	76	27Gam Cas	2.3000	30000.	76	48339	No
97	GOM_NL__2PRFIN20110529_072608_000000433103_00049_48339_6441.N1	29-MAY-2011 07:26:08	Bright	42.500	53	43Bet And	2.0480	3300.0	85	48339	No
98	GOM_NL__2PRFIN20110529_072845_000000533103_00049_48339_6442.N1	29-MAY-2011 07:28:45	Twi_and_stray	53.000	58	21Alp And	2.0730	11000.	106	48339	No
99	GOM_NL__2PRFIN20110529_073332_000000513103_00049_48339_6443.N1	29-MAY-2011 07:33:32	Dark	50.500	140	88Gam Peg	2.8340	26000.	101	48339	No
100	GOM_NL__2PRFIN20110529_074228_000000463103_00049_48339_6444.N1	29-MAY-2011 07:42:28	Dark	45.500	52	16Bet Cet	2.0370	4500.0	91	48339	No
101	GOM_NL__2PRFIN20110529_075049_000000683103_00049_48339_6445.N1	29-MAY-2011 07:50:49	Dark	67.500	18	24Alp PsA	1.1660	9700.0	135	48339	No

102	GOM_NL__2PRFIN20110529_075419_000000483103_00050_48340_6521.N1	29-MAY-2011 07:54:19	Dark	47.500	63	Bet Gru	2.1500	2800.0	95	48340	No
103	GOM_NL__2PRFIN20110529_075609_000000463103_00050_48340_6522.N1	29-MAY-2011 07:56:09	Dark	46.000	31	Alp Gru	1.7340	15200.	92	48340	No
104	GOM_NL__2PRFIN20110529_080114_000000423103_00050_48340_6523.N1	29-MAY-2011 08:01:14	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	48340	No
105	GOM_NL__2PRFIN20110529_080847_000000423103_00050_48340_6524.N1	29-MAY-2011 08:08:47	Straylight	42.000	147	Alp Ara	2.8770	26000.	84	48340	No
106	GOM_NL__2PRFIN20110529_081027_000000533103_00050_48340_6525.N1	29-MAY-2011 08:10:27	Straylight	53.000	40	The Sco	1.8590	7100.0	106	48340	No
107	GOM_NL__2PRFIN20110529_081215_000000473103_00050_48340_6526.N1	29-MAY-2011 08:12:15	Twilight_and_stray	47.000	25	35Lam Sco	1.6200	28000.	94	48340	No
108	GOM_NL__2PRFIN20110529_081405_000000483103_00050_48340_6527.N1	29-MAY-2011 08:14:05	Twilight_and_stray	47.500	75	26Eps Sco	2.2910	4250.0	95	48340	No
109	GOM_NL__2PRFIN20110529_081608_000000423103_00050_48340_6528.N1	29-MAY-2011 08:16:08	Twilight_and_stray	42.000	136	23Tau Sco	2.8220	30000.	84	48340	No
110	GOM_NL__2PRFIN20110529_081815_000000403103_00050_48340_6529.N1	29-MAY-2011 08:18:15	Bright	40.000	80	7Del Sco	2.3160	30000.	80	48340	No
111	GOM_NL__2PRFIN20110529_081949_000000473103_00050_48340_6530.N1	29-MAY-2011 08:19:49	Bright	47.000	86	35Eta Oph	2.4300	10200.	94	48340	No
112	GOM_NL__2PRFIN20110529_082143_000000433103_00050_48340_6531.N1	29-MAY-2011 08:21:43	Bright	43.000	98	13Zet Oph	2.5710	30000.	86	48340	No
113	GOM_NL__2PRFIN20110529_082355_000000413103_00050_48340_6532.N1	29-MAY-2011 08:23:55	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	48340	No
114	GOM_NL__2PRFIN20110529_082656_000000383103_00050_48340_6533.N1	29-MAY-2011 08:26:56	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	48340	No
115	GOM_NL__2PRFIN20110529_083252_000000373103_00050_48340_6534.N1	29-MAY-2011 08:32:52	Bright	37.000	67	5Alp CrB	2.2210	11000.	74	48340	No
116	GOM_NL__2PRFIN20110529_083541_000000453103_00050_48340_6535.N1	29-MAY-2011 08:35:41	Bright	45.000	133	40Zet Her	2.8070	6000.0	90	48340	No
117	GOM_NL__2PRFIN20110529_084329_000000403103_00050_48340_6536.N1	29-MAY-2011 08:43:29	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	48340	No
118	GOM_NL__2PRFIN20110529_085358_000000473103_00050_48340_6537.N1	29-MAY-2011 08:53:58	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	48340	No
119	GOM_NL__2PRFIN20110529_085844_000000563103_00050_48340_6538.N1	29-MAY-2011 08:58:44	Bright	56.000	76	27Gam Cas	2.3000	30000.	112	48340	No
120	GOM_NL__2PRFIN20110529_090622_000000423103_00050_48340_6539.N1	29-MAY-2011 09:06:22	Bright	41.500	53	43Bet And	2.0480	3300.0	83	48340	No
121	GOM_NL__2PRFIN20110529_090859_000000503103_00050_48340_6540.N1	29-MAY-2011 09:08:59	Twilight_and_stray	49.500	58	21Alp And	2.0730	11000.	99	48340	No
122	GOM_NL__2PRFIN20110529_091347_000000483103_00050_48340_6541.N1	29-MAY-2011 09:13:47	Dark	48.000	140	88Gam Peg	2.8340	26000.	96	48340	No
123	GOM_NL__2PRFIN20110529_092243_000000473103_00050_48340_6542.N1	29-MAY-2011 09:22:43	Dark	46.500	52	16Bet Cet	2.0370	4500.0	93	48340	No
124	GOM_NL__2PRFIN20110529_093104_000000563103_00050_48340_6543.N1	29-MAY-2011 09:31:04	Dark	55.500	18	24Alp PsA	1.1660	9700.0	111	48340	No
125	GOM_NL__2PRFIN20110529_093434_000000513103_00051_48341_6574.N1	29-MAY-2011 09:34:34	Dark	50.500	63	Bet Gru	2.1500	2800.0	101	48341	No
126	GOM_NL__2PRFIN20110529_093624_000000453103_00051_48341_6575.N1	29-MAY-2011 09:36:24	Dark	45.000	31	Alp Gru	1.7340	15200.	90	48341	No
127	GOM_NL__2PRFIN20110529_094128_000000413103_00051_48341_6576.N1	29-MAY-2011 09:41:28	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	48341	No
128	GOM_NL__2PRFIN20110529_094901_000000413103_00051_48341_6577.N1	29-MAY-2011 09:49:01	Straylight	41.000	147	Alp Ara	2.8770	26000.	82	48341	No
129	GOM_NL__2PRFIN20110529_095041_000000473103_00051_48341_6578.N1	29-MAY-2011 09:50:41	Straylight	47.000	40	The Sco	1.8590	7100.0	94	48341	No
130	GOM_NL__2PRFIN20110529_095229_000000503103_00051_48341_6579.N1	29-MAY-2011 09:52:29	Twilight_and_stray	50.000	25	35Lam Sco	1.6200	28000.	100	48341	No
131	GOM_NL__2PRFIN20110529_095419_000000493103_00051_48341_6580.N1	29-MAY-2011 09:54:19	Twilight_and_stray	48.500	75	26Eps Sco	2.2910	4250.0	97	48341	No
132	GOM_NL__2PRFIN20110529_095622_000000433103_00051_48341_6581.N1	29-MAY-2011 09:56:22	Twilight_and_stray	43.000	136	23Tau Sco	2.8220	30000.	86	48341	No
133	GOM_NL__2PRFIN20110529_095829_000000413103_00051_48341_6582.N1	29-MAY-2011 09:58:29	Bright	40.500	80	7Del Sco	2.3160	30000.	81	48341	No
134	GOM_NL__2PRFIN20110529_100003_000000473103_00051_48341_6583.N1	29-MAY-2011 10:00:03	Bright	47.000	86	35Eta Oph	2.4300	10200.	94	48341	No
135	GOM_NL__2PRFIN20110529_100157_000000433103_00051_48341_6584.N1	29-MAY-2011 10:01:57	Bright	43.000	98	13Zet Oph	2.5710	30000.	86	48341	No
136	GOM_NL__2PRFIN20110529_100409_000000403103_00051_48341_6585.N1	29-MAY-2011 10:04:09	Bright	40.000	120	1Del Oph	2.7340	3200.0	80	48341	No
137	GOM_NL__2PRFIN20110529_100710_000000383103_00051_48341_6586.N1	29-MAY-2011 10:07:10	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	48341	No
138	GOM_NL__2PRFIN20110529_101305_000000403103_00051_48341_6587.N1	29-MAY-2011 10:13:05	Bright	39.500	67	5Alp CrB	2.2210	11000.	79	48341	No
139	GOM_NL__2PRFIN20110529_101554_000000463103_00051_48341_6588.N1	29-MAY-2011 10:15:54	Bright	45.500	133	40Zet Her	2.8070	6000.0	91	48341	No
140	GOM_NL__2PRFIN20110529_102343_000000473103_00051_48341_6589.N1	29-MAY-2011 10:23:43	Bright	46.500	119	14Eta Dra	2.7270	4700.0	93	48341	No
141	GOM_NL__2PRFIN20110529_103411_000000473103_00051_48341_6590.N1	29-MAY-2011 10:34:11	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	48341	No
142	GOM_NL__2PRFIN20110529_103858_000000523103_00051_48341_6591.N1	29-MAY-2011 10:38:58	Bright	52.000	76	27Gam Cas	2.3000	30000.	104	48341	No
143	GOM_NL__2PRFIN20110529_104636_000000443103_00051_48341_6592.N1	29-MAY-2011 10:46:36	Bright	44.000	53	43Bet And	2.0480	3300.0	88	48341	No
144	GOM_NL__2PRFIN20110529_104913_000000543103_00051_48341_6593.N1	29-MAY-2011 10:49:13	Twilight_and_stray	53.500	58	21Alp And	2.0730	11000.	107	48341	No
145	GOM_NL__2PRFIN20110529_105401_000000503103_00051_48341_6594.N1	29-MAY-2011 10:54:01	Dark	49.500	140	88Gam Peg	2.8340	26000.	99	48341	No
146	GOM_NL__2PRFIN20110529_110257_000000473103_00051_48341_6595.N1	29-MAY-2011 11:02:57	Dark	46.500	52	16Bet Cet	2.0370	4500.0	93	48341	No
147	GOM_NL__2PRFIN20110529_111119_000000583103_00051_48341_6596.N1	29-MAY-2011 11:11:19	Dark	57.500	18	24Alp PsA	1.1660	9700.0	115	48341	No
148	GOM_NL__2PRFIN20110529_111449_000000503103_00052_48342_7563.N1	29-MAY-2011 11:14:49	Dark	50.000	63	Bet Gru	2.1500	2800.0	100	48342	No
149	GOM_NL__2PRFIN20110529_111639_000000453103_00052_48342_7564.N1	29-MAY-2011 11:16:39	Dark	45.000	31	Alp Gru	1.7340	15200.	90	48342	No
150	GOM_NL__2PRFIN20110529_112143_000000433103_00052_48342_7565.N1	29-MAY-2011 11:21:43	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	48342	No
151	GOM_NL__2PRFIN20110529_112915_000000423103_00052_48342_7566.N1	29-MAY-2011 11:29:15	Straylight	42.000	147	Alp Ara	2.8770	26000.	84	48342	No
152	GOM_NL__2PRFIN20110529_113055_000000513103_00052_48342_7567.N1	29-MAY-2011 11:30:55	Straylight	50.500	40	The Sco	1.8590	7100.0	101	48342	No
153	GOM_NL__2PRFIN20110529_113244_000000523103_00052_48342_7568.N1	29-MAY-2011 11:32:44	Twilight_and_stray	51.500	25	35Lam Sco	1.6200	28000.	103	48342	No
154	GOM_NL__2PRFIN20110529_113433_000000493103_00052_48342_7569.N1	29-MAY-2011 11:34:33	Twilight_and_stray	48.500	75	26Eps Sco	2.2910	4250.0	97	48342	No
155	GOM_NL__2PRFIN20110529_113636_000000443103_00052_48342_7570.N1	29-MAY-2011 11:36:36	Twilight_and_stray	43.500	136	23Tau Sco	2.8220	30000.	87	48342	No
156	GOM_NL__2PRFIN20110529_113843_000000413103_00052_48342_7571.N1	29-MAY-2011 11:38:43	Bright	40.500	80	7Del Sco	2.3160	30000.	81	48342	No
157	GOM_NL__2PRFIN20110529_114017_000000483103_00052_48342_7572.N1	29-MAY-2011 11:40:17	Bright	47.500	86	35Eta Oph	2.4300	10200.	95	48342	No
158	GOM_NL__2PRFIN20110529_114210_000000413103_00052_48342_7573.N1	29-MAY-2011 11:42:10	Bright	41.000	98	13Zet Oph	2.5710	30000.	82	48342	No
159	GOM_NL__2PRFIN20110529_114423_000000413103_00052_48342_7574.N1	29-MAY-2011 11:44:23	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	48342	No
160	GOM_NL__2PRFIN20110529_114724_000000383103_00052_48342_7575.N1	29-MAY-2011 11:47:24	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	48342	No

161	GOM_NL__2PRFIN20110529_115319_000000553103_00052_48342_7576.N1	29-MAY-2011 11:53:19	Bright	55.000	67	5Alp CrB	2.2210	11000.	110	48342	No
162	GOM_NL__2PRFIN20110529_115608_000000463103_00052_48342_7577.N1	29-MAY-2011 11:56:08	Bright	45.500	133	40Zet Her	2.8070	6000.0	91	48342	No
163	GOM_NL__2PRFIN20110529_120356_000000393103_00052_48342_7578.N1	29-MAY-2011 12:03:56	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	48342	No
164	GOM_NL__2PRFIN20110529_121424_000000473103_00052_48342_7579.N1	29-MAY-2011 12:14:24	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	48342	No
165	GOM_NL__2PRFIN20110529_121912_000000563103_00052_48342_7580.N1	29-MAY-2011 12:19:12	Bright	56.000	76	27Gam Cas	2.3000	30000.	112	48342	No
166	GOM_NL__2PRFIN20110529_122650_000000433103_00052_48342_7581.N1	29-MAY-2011 12:26:50	Bright	42.500	53	43Bet And	2.0480	3300.0	85	48342	No
167	GOM_NL__2PRFIN20110529_122927_000000543103_00052_48342_7582.N1	29-MAY-2011 12:29:27	Twi_and_stray	54.000	58	21Alp And	2.0730	11000.	108	48342	No
168	GOM_NL__2PRFIN20110529_123415_000000503103_00052_48342_7583.N1	29-MAY-2011 12:34:15	Dark	49.500	140	88Gam Peg	2.8340	26000.	99	48342	No
169	GOM_NL__2PRFIN20110529_124312_000000473103_00052_48342_7584.N1	29-MAY-2011 12:43:12	Dark	47.000	52	16Bet Cet	2.0370	4500.0	94	48342	No
170	GOM_NL__2PRFIN20110529_125134_000000623103_00052_48342_7585.N1	29-MAY-2011 12:51:34	Dark	62.000	18	24Alp PsA	1.1660	9700.0	124	48342	No
171	GOM_NL__2PRFIN20110529_125504_000000563103_00053_48343_7590.N1	29-MAY-2011 12:55:04	Dark	56.000	63	Bet Gru	2.1500	2800.0	112	48343	No
172	GOM_NL__2PRFIN20110529_125653_000000473103_00053_48343_7591.N1	29-MAY-2011 12:56:53	Dark	46.500	31	Alp Gru	1.7340	15200.	93	48343	No
173	GOM_NL__2PRFIN20110529_130157_000000443103_00053_48343_7592.N1	29-MAY-2011 13:01:57	Straylight	43.500	45	Alp Pav	1.9400	26000.	87	48343	No
174	GOM_NL__2PRFIN20110529_130930_000000423103_00053_48343_7593.N1	29-MAY-2011 13:09:30	Straylight	42.000	147	Alp Ara	2.8770	26000.	84	48343	No
175	GOM_NL__2PRFIN20110529_131110_000000433103_00053_48343_7594.N1	29-MAY-2011 13:11:10	Straylight	43.000	40	The Sco	1.8590	7100.0	86	48343	No
176	GOM_NL__2PRFIN20110529_131258_000000483103_00053_48343_7595.N1	29-MAY-2011 13:12:58	Twi_and_stray	47.500	25	35Lam Sco	1.6200	28000.	95	48343	No
177	GOM_NL__2PRFIN20110529_131447_000000453103_00053_48343_7596.N1	29-MAY-2011 13:14:47	Twi_and_stray	44.500	75	26Eps Sco	2.2910	4250.0	89	48343	No
178	GOM_NL__2PRFIN20110529_131651_000000453103_00053_48343_7597.N1	29-MAY-2011 13:16:51	Twi_and_stray	45.000	136	23Tau Sco	2.8220	30000.	90	48343	No
179	GOM_NL__2PRFIN20110529_131857_000000423103_00053_48343_7598.N1	29-MAY-2011 13:18:57	Bright	42.000	80	7Del Sco	2.3160	30000.	84	48343	No
180	GOM_NL__2PRFIN20110529_132031_000000483103_00053_48343_7599.N1	29-MAY-2011 13:20:31	Bright	47.500	86	35Eta Oph	2.4300	10200.	95	48343	No
181	GOM_NL__2PRFIN20110529_132224_000000433103_00053_48343_7600.N1	29-MAY-2011 13:22:24	Bright	43.000	98	13Zet Oph	2.5710	30000.	86	48343	No
182	GOM_NL__2PRFIN20110529_132437_000000413103_00053_48343_7601.N1	29-MAY-2011 13:24:37	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	48343	No
183	GOM_NL__2PRFIN20110529_132738_000000383103_00053_48343_7602.N1	29-MAY-2011 13:27:38	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	48343	No
184	GOM_NL__2PRFIN20110529_133333_000000473103_00053_48343_7603.N1	29-MAY-2011 13:33:33	Bright	47.000	67	5Alp CrB	2.2210	11000.	94	48343	No
185	GOM_NL__2PRFIN20110529_133621_000000433103_00053_48343_7604.N1	29-MAY-2011 13:36:21	Bright	42.500	133	40Zet Her	2.8070	6000.0	85	48343	No
186	GOM_NL__2PRFIN20110529_134410_000000383103_00053_48343_7605.N1	29-MAY-2011 13:44:10	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	48343	No
187	GOM_NL__2PRFIN20110529_135438_000000473103_00053_48343_7606.N1	29-MAY-2011 13:54:38	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	48343	No
188	GOM_NL__2PRFIN20110529_135926_000000483103_00053_48343_7607.N1	29-MAY-2011 13:59:26	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	48343	No
189	GOM_NL__2PRFIN20110529_140704_000000423103_00053_48343_7608.N1	29-MAY-2011 14:07:04	Bright	42.000	53	43Bet And	2.0480	3300.0	84	48343	No
190	GOM_NL__2PRFIN20110529_140941_000000543103_00053_48343_7609.N1	29-MAY-2011 14:09:41	Twi_and_stray	53.500	58	21Alp And	2.0730	11000.	107	48343	No
191	GOM_NL__2PRFIN20110529_141430_000000493103_00053_48343_7610.N1	29-MAY-2011 14:14:30	Dark	48.500	140	88Gam Peg	2.8340	26000.	97	48343	No
192	GOM_NL__2PRFIN20110529_142326_000000463103_00053_48343_7611.N1	29-MAY-2011 14:23:26	Dark	46.000	52	16Bet Cet	2.0370	4500.0	92	48343	No
193	GOM_NL__2PRFIN20110529_143149_000000653103_00053_48343_7612.N1	29-MAY-2011 14:31:49	Dark	65.000	18	24Alp PsA	1.1660	9700.0	130	48343	No
194	GOM_NL__2PRFIN20110529_143518_000000623103_00054_48344_6843.N1	29-MAY-2011 14:35:18	Dark	62.000	63	Bet Gru	2.1500	2800.0	124	48344	No
195	GOM_NL__2PRFIN20110529_143708_000000463103_00054_48344_6844.N1	29-MAY-2011 14:37:08	Dark	46.000	31	Alp Gru	1.7340	15200.	92	48344	No
196	GOM_NL__2PRFIN20110529_144212_000000433103_00054_48344_6845.N1	29-MAY-2011 14:42:12	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	48344	No
197	GOM_NL__2PRFIN20110529_144944_000000413103_00054_48344_6846.N1	29-MAY-2011 14:49:44	Straylight	40.500	147	Alp Ara	2.8770	26000.	81	48344	No
198	GOM_NL__2PRFIN20110529_145124_000000503103_00054_48344_6847.N1	29-MAY-2011 14:51:24	Straylight	49.500	40	The Sco	1.8590	7100.0	99	48344	No
199	GOM_NL__2PRFIN20110529_145312_000000483103_00054_48344_6848.N1	29-MAY-2011 14:53:12	Twi_and_stray	47.500	25	35Lam Sco	1.6200	28000.	95	48344	No
200	GOM_NL__2PRFIN20110529_145502_000000473103_00054_48344_6849.N1	29-MAY-2011 14:55:02	Twi_and_stray	47.000	75	26Eps Sco	2.2910	4250.0	94	48344	No
201	GOM_NL__2PRFIN20110529_145705_000000473103_00054_48344_6850.N1	29-MAY-2011 14:57:05	Twi_and_stray	46.500	136	23Tau Sco	2.8220	30000.	93	48344	No
202	GOM_NL__2PRFIN20110529_145911_000000413103_00054_48344_6851.N1	29-MAY-2011 14:59:11	Bright	41.000	80	7Del Sco	2.3160	30000.	82	48344	No
203	GOM_NL__2PRFIN20110529_150045_000000473103_00054_48344_6852.N1	29-MAY-2011 15:00:45	Bright	47.000	86	35Eta Oph	2.4300	10200.	94	48344	No
204	GOM_NL__2PRFIN20110529_150239_000000433103_00054_48344_6853.N1	29-MAY-2011 15:02:39	Bright	43.000	98	13Zet Oph	2.5710	30000.	86	48344	No
205	GOM_NL__2PRFIN20110529_150451_000000413103_00054_48344_6854.N1	29-MAY-2011 15:04:51	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	48344	No
206	GOM_NL__2PRFIN20110529_150752_000000553103_00054_48344_6855.N1	29-MAY-2011 15:07:52	Bright	55.000	102	24Alp Ser	2.6000	4250.0	110	48344	No
207	GOM_NL__2PRFIN20110529_151347_000000373103_00054_48344_6856.N1	29-MAY-2011 15:13:47	Bright	37.000	67	5Alp CrB	2.2210	11000.	74	48344	No
208	GOM_NL__2PRFIN20110529_151635_000000453103_00054_48344_6857.N1	29-MAY-2011 15:16:35	Bright	45.000	133	40Zet Her	2.8070	6000.0	90	48344	No
209	GOM_NL__2PRFIN20110529_152424_000000403103_00054_48344_6858.N1	29-MAY-2011 15:24:24	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	48344	No
210	GOM_NL__2PRFIN20110529_153452_000000483103_00054_48344_6859.N1	29-MAY-2011 15:34:52	Bright	47.500	89	5Alp Cep	2.4510	8000.0	95	48344	No
211	GOM_NL__2PRFIN20110529_153940_000000473103_00054_48344_6860.N1	29-MAY-2011 15:39:40	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	48344	No
212	GOM_NL__2PRFIN20110529_154718_000000413103_00054_48344_6861.N1	29-MAY-2011 15:47:18	Bright	40.500	53	43Bet And	2.0480	3300.0	81	48344	No
213	GOM_NL__2PRFIN20110529_154956_000000533103_00054_48344_6862.N1	29-MAY-2011 15:49:56	Twi_and_stray	52.500	58	21Alp And	2.0730	11000.	105	48344	No
214	GOM_NL__2PRFIN20110529_155445_000000493103_00054_48344_6863.N1	29-MAY-2011 15:54:45	Dark	48.500	140	88Gam Peg	2.8340	26000.	97	48344	No
215	GOM_NL__2PRFIN20110529_160341_000000493103_00054_48344_6864.N1	29-MAY-2011 16:03:41	Dark	49.000	52	16Bet Cet	2.0370	4500.0	98	48344	No
216	GOM_NL__2PRFIN20110529_161205_000000523103_00054_48344_6865.N1	29-MAY-2011 16:12:05	Dark	51.500	18	24Alp PsA	1.1660	9700.0	103	48344	No
217	GOM_NL__2PRFIN20110529_161533_000000573103_00055_48345_6894.N1	29-MAY-2011 16:15:33	Dark	57.000	63	Bet Gru	2.1500	2800.0	114	48345	No
218	GOM_NL__2PRFIN20110529_161723_000000463103_00055_48345_6895.N1	29-MAY-2011 16:17:23	Dark	45.500	31	Alp Gru	1.7340	15200.	91	48345	No
219	GOM_NL__2PRFIN20110529_162227_000000443103_00055_48345_6896.N1	29-MAY-2011 16:22:27	Straylight	43.500	45	Alp Pav	1.9400	26000.	87	48345	No

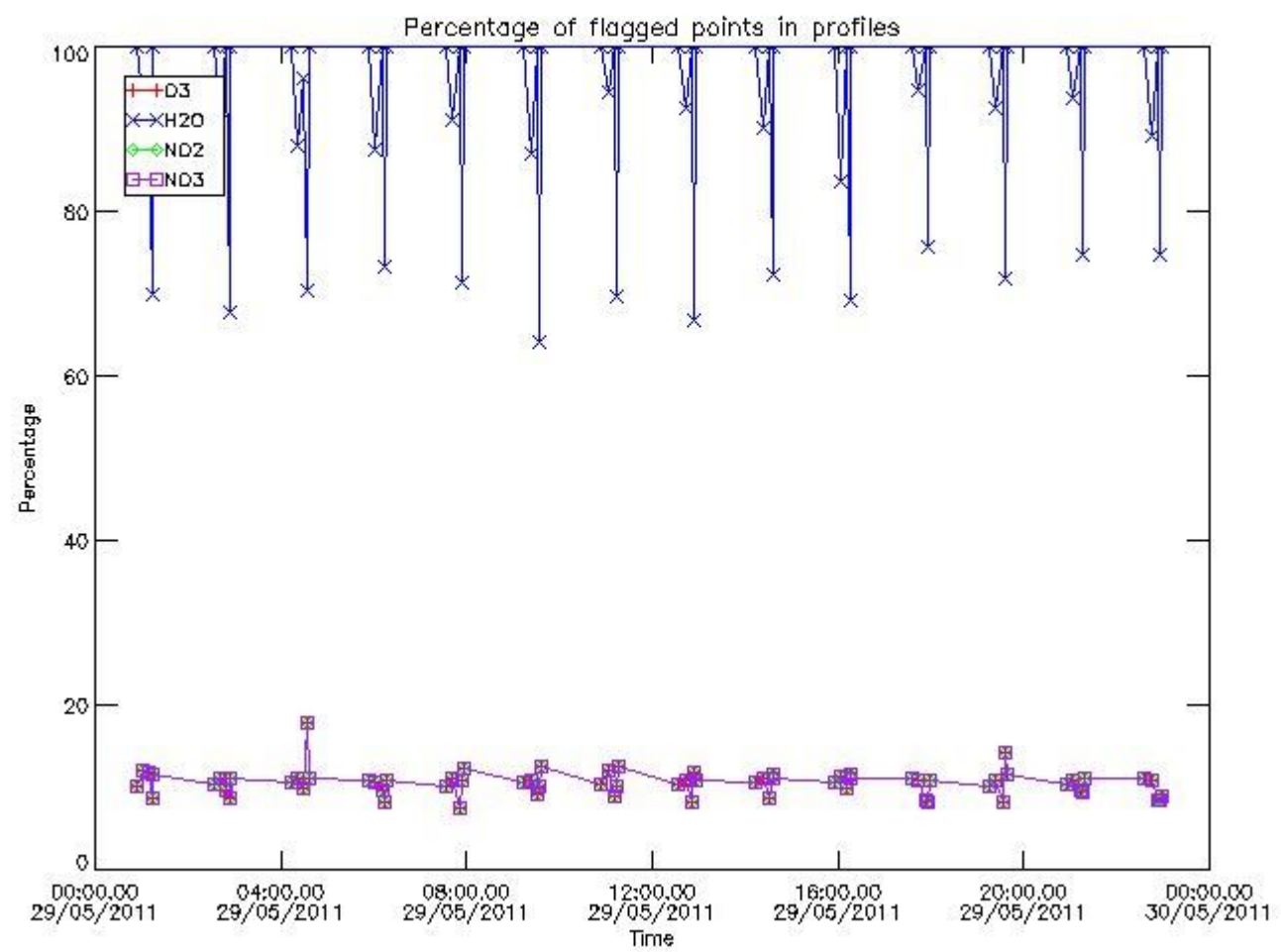
220	GOM_NL__2PRFIN20110529_162959_000000403103_00055_48345_6897.N1	29-MAY-2011 16:29:59	Straylight	40.000	147	Alp Ara	2.8770	26000.	80	48345	No
221	GOM_NL__2PRFIN20110529_163139_000000443103_00055_48345_6898.N1	29-MAY-2011 16:31:39	Straylight	43.500	40	The Sco	1.8590	7100.0	87	48345	No
222	GOM_NL__2PRFIN20110529_163327_000000493103_00055_48345_6899.N1	29-MAY-2011 16:33:27	Tw_i_and_stray	48.500	25	35Lam Sco	1.6200	28000.	97	48345	No
223	GOM_NL__2PRFIN20110529_163516_000000483103_00055_48345_6900.N1	29-MAY-2011 16:35:16	Tw_i_and_stray	47.500	75	26Eps Sco	2.2910	4250.0	95	48345	No
224	GOM_NL__2PRFIN20110529_163719_000000423103_00055_48345_6901.N1	29-MAY-2011 16:37:19	Tw_i_and_stray	41.500	136	23Tau Sco	2.8220	30000.	83	48345	No
225	GOM_NL__2PRFIN20110529_163925_000000423103_00055_48345_6902.N1	29-MAY-2011 16:39:25	Bright	41.500	80	7Del Sco	2.3160	30000.	83	48345	No
226	GOM_NL__2PRFIN20110529_164059_000000483103_00055_48345_6903.N1	29-MAY-2011 16:40:59	Bright	48.000	86	35Eta Oph	2.4300	10200.	96	48345	No
227	GOM_NL__2PRFIN20110529_164252_000000443103_00055_48345_6904.N1	29-MAY-2011 16:42:52	Bright	43.500	98	13Zet Oph	2.5710	30000.	87	48345	No
228	GOM_NL__2PRFIN20110529_164505_000000413103_00055_48345_6905.N1	29-MAY-2011 16:45:05	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	48345	No
229	GOM_NL__2PRFIN20110529_164805_000000553103_00055_48345_6906.N1	29-MAY-2011 16:48:05	Bright	55.000	102	24Alp Ser	2.6000	4250.0	110	48345	No
230	GOM_NL__2PRFIN20110529_165401_000000393103_00055_48345_6907.N1	29-MAY-2011 16:54:01	Bright	39.000	67	5Alp CrB	2.2210	11000.	78	48345	No
231	GOM_NL__2PRFIN20110529_165648_000000463103_00055_48345_6908.N1	29-MAY-2011 16:56:48	Bright	45.500	133	40Zet Her	2.8070	6000.0	91	48345	No
232	GOM_NL__2PRFIN20110529_170438_000000423103_00055_48345_6909.N1	29-MAY-2011 17:04:38	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	48345	No
233	GOM_NL__2PRFIN20110529_171505_000000693103_00055_48345_6910.N1	29-MAY-2011 17:15:05	Bright	69.000	89	5Alp Cep	2.4510	8000.0	138	48345	No
234	GOM_NL__2PRFIN20110529_171953_000000453103_00055_48345_6911.N1	29-MAY-2011 17:19:53	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	48345	No
235	GOM_NL__2PRFIN20110529_172732_000000423103_00055_48345_6912.N1	29-MAY-2011 17:27:32	Bright	42.000	53	43Bet And	2.0480	3300.0	84	48345	No
236	GOM_NL__2PRFIN20110529_173010_000000543103_00055_48345_6913.N1	29-MAY-2011 17:30:10	Tw_i_and_stray	54.000	58	21Alp And	2.0730	11000.	108	48345	No
237	GOM_NL__2PRFIN20110529_173459_000000513103_00055_48345_6914.N1	29-MAY-2011 17:34:59	Dark	51.000	140	88Gam Peg	2.8340	26000.	102	48345	No
238	GOM_NL__2PRFIN20110529_174356_000000483103_00055_48345_6915.N1	29-MAY-2011 17:43:56	Dark	47.500	52	16Bet Cet	2.0370	4500.0	95	48345	No
239	GOM_NL__2PRFIN20110529_175220_000000613103_00055_48345_6916.N1	29-MAY-2011 17:52:20	Dark	61.000	18	24Alp PsA	1.1660	9700.0	122	48345	No
240	GOM_NL__2PRFIN20110529_175548_000000623103_00056_48346_6964.N1	29-MAY-2011 17:55:48	Dark	62.000	63	Bet Gru	2.1500	2800.0	124	48346	No
241	GOM_NL__2PRFIN20110529_175738_000000473103_00056_48346_6965.N1	29-MAY-2011 17:57:38	Dark	47.000	31	Alp Gru	1.7340	15200.	94	48346	No
242	GOM_NL__2PRFIN20110529_180242_000000433103_00056_48346_6966.N1	29-MAY-2011 18:02:42	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	48346	No
243	GOM_NL__2PRFIN20110529_181013_000000413103_00056_48346_6967.N1	29-MAY-2011 18:10:13	Straylight	40.500	147	Alp Ara	2.8770	26000.	81	48346	No
244	GOM_NL__2PRFIN20110529_181153_000000533103_00056_48346_6968.N1	29-MAY-2011 18:11:53	Straylight	53.000	40	The Sco	1.8590	7100.0	106	48346	No
245	GOM_NL__2PRFIN20110529_181341_000000493103_00056_48346_6969.N1	29-MAY-2011 18:13:41	Tw_i_and_stray	48.500	25	35Lam Sco	1.6200	28000.	97	48346	No
246	GOM_NL__2PRFIN20110529_181530_000000473103_00056_48346_6970.N1	29-MAY-2011 18:15:30	Tw_i_and_stray	47.000	75	26Eps Sco	2.2910	4250.0	94	48346	No
247	GOM_NL__2PRFIN20110529_181733_000000433103_00056_48346_6971.N1	29-MAY-2011 18:17:33	Tw_i_and_stray	42.500	136	23Tau Sco	2.8220	30000.	85	48346	No
248	GOM_NL__2PRFIN20110529_181940_000000423103_00056_48346_6972.N1	29-MAY-2011 18:19:40	Bright	42.000	80	7Del Sco	2.3160	30000.	84	48346	No
249	GOM_NL__2PRFIN20110529_182113_000000473103_00056_48346_6973.N1	29-MAY-2011 18:21:13	Bright	47.000	86	35Eta Oph	2.4300	10200.	94	48346	No
250	GOM_NL__2PRFIN20110529_182306_000000433103_00056_48346_6974.N1	29-MAY-2011 18:23:06	Bright	43.000	98	13Zet Oph	2.5710	30000.	86	48346	No
251	GOM_NL__2PRFIN20110529_182519_000000413103_00056_48346_6975.N1	29-MAY-2011 18:25:19	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	48346	No
252	GOM_NL__2PRFIN20110529_182820_000000383103_00056_48346_6976.N1	29-MAY-2011 18:28:20	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	48346	No
253	GOM_NL__2PRFIN20110529_183415_000000403103_00056_48346_6977.N1	29-MAY-2011 18:34:15	Bright	40.000	67	5Alp CrB	2.2210	11000.	80	48346	No
254	GOM_NL__2PRFIN20110529_183702_000000463103_00056_48346_6978.N1	29-MAY-2011 18:37:02	Bright	46.000	133	40Zet Her	2.8070	6000.0	92	48346	No
255	GOM_NL__2PRFIN20110529_184451_000000383103_00056_48346_6979.N1	29-MAY-2011 18:44:51	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	48346	No
256	GOM_NL__2PRFIN20110529_185518_000000463103_00056_48346_6980.N1	29-MAY-2011 18:55:18	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	48346	No
257	GOM_NL__2PRFIN20110529_190007_000000563103_00056_48346_6981.N1	29-MAY-2011 19:00:07	Bright	56.000	76	27Gam Cas	2.3000	30000.	112	48346	No
258	GOM_NL__2PRFIN20110529_190746_000000443103_00056_48346_6982.N1	29-MAY-2011 19:07:46	Bright	44.000	53	43Bet And	2.0480	3300.0	88	48346	No
259	GOM_NL__2PRFIN20110529_191024_000000513103_00056_48346_6983.N1	29-MAY-2011 19:10:24	Tw_i_and_stray	51.000	58	21Alp And	2.0730	11000.	102	48346	No
260	GOM_NL__2PRFIN20110529_191513_000000513103_00056_48346_6984.N1	29-MAY-2011 19:15:13	Dark	50.500	140	88Gam Peg	2.8340	26000.	101	48346	No
261	GOM_NL__2PRFIN20110529_192410_000000483103_00056_48346_6985.N1	29-MAY-2011 19:24:10	Dark	47.500	52	16Bet Cet	2.0370	4500.0	95	48346	No
262	GOM_NL__2PRFIN20110529_193235_000000623103_00056_48346_6986.N1	29-MAY-2011 19:32:35	Dark	62.000	18	24Alp PsA	1.1660	9700.0	124	48346	No
263	GOM_NL__2PRFIN20110529_193603_000000613103_00057_48347_7107.N1	29-MAY-2011 19:36:03	Dark	60.500	63	Bet Gru	2.1500	2800.0	121	48347	No
264	GOM_NL__2PRFIN20110529_193753_000000453103_00057_48347_7108.N1	29-MAY-2011 19:37:53	Dark	44.500	31	Alp Gru	1.7340	15200.	89	48347	No
265	GOM_NL__2PRFIN20110529_194256_000000433103_00057_48347_7109.N1	29-MAY-2011 19:42:56	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	48347	No
266	GOM_NL__2PRFIN20110529_195027_000000413103_00057_48347_7110.N1	29-MAY-2011 19:50:27	Straylight	40.500	147	Alp Ara	2.8770	26000.	81	48347	No
267	GOM_NL__2PRFIN20110529_195208_000000493103_00057_48347_7111.N1	29-MAY-2011 19:52:08	Straylight	48.500	40	The Sco	1.8590	7100.0	97	48347	No
268	GOM_NL__2PRFIN20110529_195356_000000513103_00057_48347_7112.N1	29-MAY-2011 19:53:56	Tw_i_and_stray	50.500	25	35Lam Sco	1.6200	28000.	101	48347	No
269	GOM_NL__2PRFIN20110529_195545_000000463103_00057_48347_7113.N1	29-MAY-2011 19:55:45	Tw_i_and_stray	45.500	75	26Eps Sco	2.2910	4250.0	91	48347	No
270	GOM_NL__2PRFIN20110529_195748_000000423103_00057_48347_7114.N1	29-MAY-2011 19:57:48	Tw_i_and_stray	42.000	136	23Tau Sco	2.8220	30000.	84	48347	No
271	GOM_NL__2PRFIN20110529_195954_000000413103_00057_48347_7115.N1	29-MAY-2011 19:59:54	Bright	40.500	80	7Del Sco	2.3160	30000.	81	48347	No
272	GOM_NL__2PRFIN20110529_200128_000000473103_00057_48347_7116.N1	29-MAY-2011 20:01:28	Bright	47.000	86	35Eta Oph	2.4300	10200.	94	48347	No
273	GOM_NL__2PRFIN20110529_200320_000000433103_00057_48347_7117.N1	29-MAY-2011 20:03:20	Bright	42.500	98	13Zet Oph	2.5710	30000.	85	48347	No
274	GOM_NL__2PRFIN20110529_200533_000000413103_00057_48347_7118.N1	29-MAY-2011 20:05:33	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	48347	No
275	GOM_NL__2PRFIN20110529_200834_000000383103_00057_48347_7119.N1	29-MAY-2011 20:08:34	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	48347	No
276	GOM_NL__2PRFIN20110529_201428_000000393103_00057_48347_7120.N1	29-MAY-2011 20:14:28	Bright	38.500	67	5Alp CrB	2.2210	11000.	77	48347	No
277	GOM_NL__2PRFIN20110529_201715_000000423103_00057_48347_7121.N1	29-MAY-2011 20:17:15	Bright	41.500	133	40Zet Her	2.8070	6000.0	83	48347	No
278	GOM_NL__2PRFIN20110529_202505_000000413103_00057_48347_7122.N1	29-MAY-2011 20:25:05	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	48347	No

279	GOM_NL__2PRFIN20110529_203532_000000483103_00057_48347_7123.N1	29-MAY-2011 20:35:32	Bright	47.500	89	5Alp Cep	2.4510	8000.0	95	48347	No
280	GOM_NL__2PRFIN20110529_204021_000000373103_00057_48347_7124.N1	29-MAY-2011 20:40:21	Bright	36.500	76	27Gam Cas	2.3000	30000.	73	48347	No
281	GOM_NL__2PRFIN20110529_204800_000000433103_00057_48347_7125.N1	29-MAY-2011 20:48:00	Bright	42.500	53	43Bet And	2.0480	3300.0	85	48347	No
282	GOM_NL__2PRFIN20110529_205038_000000543103_00057_48347_7126.N1	29-MAY-2011 20:50:38	Twilight	53.500	58	21Alp And	2.0730	11000.	107	48347	No
283	GOM_NL__2PRFIN20110529_205528_000000493103_00057_48347_7127.N1	29-MAY-2011 20:55:28	Dark	49.000	140	88Gam Peg	2.8340	26000.	98	48347	No
284	GOM_NL__2PRFIN20110529_210425_000000483103_00057_48347_7128.N1	29-MAY-2011 21:04:25	Dark	47.500	52	16Bet Cet	2.0370	4500.0	95	48347	No
285	GOM_NL__2PRFIN20110529_211250_000000533103_00057_48347_7129.N1	29-MAY-2011 21:12:50	Dark	53.000	18	24Alp PsA	1.1660	9700.0	106	48347	No
286	GOM_NL__2PRFIN20110529_211618_000000543103_00058_48348_7126.N1	29-MAY-2011 21:16:18	Dark	54.000	63	Bet Gru	2.1500	2800.0	108	48348	No
287	GOM_NL__2PRFIN20110529_211808_000000463103_00058_48348_7127.N1	29-MAY-2011 21:18:08	Dark	45.500	31	Alp Gru	1.7340	15200.	91	48348	No
288	GOM_NL__2PRFIN20110529_212311_000000453103_00058_48348_7128.N1	29-MAY-2011 21:23:11	Straylight	45.000	45	Alp Pav	1.9400	26000.	90	48348	No
289	GOM_NL__2PRFIN20110529_213042_000000423103_00058_48348_7129.N1	29-MAY-2011 21:30:42	Straylight	41.500	147	Alp Ara	2.8770	26000.	83	48348	No
290	GOM_NL__2PRFIN20110529_213222_000000513103_00058_48348_7130.N1	29-MAY-2011 21:32:22	Straylight	51.000	40	The Sco	1.8590	7100.0	102	48348	No
291	GOM_NL__2PRFIN20110529_213410_000000493103_00058_48348_7131.N1	29-MAY-2011 21:34:10	Twilight	49.000	25	35Lam Sco	1.6200	28000.	98	48348	No
292	GOM_NL__2PRFIN20110529_213559_000000453103_00058_48348_7132.N1	29-MAY-2011 21:35:59	Twilight	44.500	75	26Eps Sco	2.2910	4250.0	89	48348	No
293	GOM_NL__2PRFIN20110529_213802_000000423103_00058_48348_7133.N1	29-MAY-2011 21:38:02	Twilight	42.000	136	23Tau Sco	2.8220	30000.	84	48348	No
294	GOM_NL__2PRFIN20110529_214008_000000403103_00058_48348_7134.N1	29-MAY-2011 21:40:08	Bright	40.000	80	7Del Sco	2.3160	30000.	80	48348	No
295	GOM_NL__2PRFIN20110529_214142_000000473103_00058_48348_7135.N1	29-MAY-2011 21:41:42	Bright	46.500	86	35Eta Oph	2.4300	10200.	93	48348	No
296	GOM_NL__2PRFIN20110529_214335_000000433103_00058_48348_7136.N1	29-MAY-2011 21:43:35	Bright	42.500	98	13Zet Oph	2.5710	30000.	85	48348	No
297	GOM_NL__2PRFIN20110529_214547_000000413103_00058_48348_7137.N1	29-MAY-2011 21:45:47	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	48348	No
298	GOM_NL__2PRFIN20110529_214847_000000383103_00058_48348_7138.N1	29-MAY-2011 21:48:47	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	48348	No
299	GOM_NL__2PRFIN20110529_215442_000000373103_00058_48348_7139.N1	29-MAY-2011 21:54:42	Bright	37.000	67	5Alp CrB	2.2210	11000.	74	48348	No
300	GOM_NL__2PRFIN20110529_215728_000000433103_00058_48348_7140.N1	29-MAY-2011 21:57:28	Bright	43.000	133	40Zet Her	2.8070	6000.0	86	48348	No
301	GOM_NL__2PRFIN20110529_220519_000000403103_00058_48348_7141.N1	29-MAY-2011 22:05:19	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	48348	No
302	GOM_NL__2PRFIN20110529_221545_000000473103_00058_48348_7142.N1	29-MAY-2011 22:15:45	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	48348	No
303	GOM_NL__2PRFIN20110529_222035_000000403103_00058_48348_7143.N1	29-MAY-2011 22:20:35	Bright	39.500	76	27Gam Cas	2.3000	30000.	79	48348	No
304	GOM_NL__2PRFIN20110529_222814_000000443103_00058_48348_7144.N1	29-MAY-2011 22:28:14	Bright	44.000	53	43Bet And	2.0480	3300.0	88	48348	No
305	GOM_NL__2PRFIN20110529_223052_000000533103_00058_48348_7145.N1	29-MAY-2011 22:30:52	Twilight	53.000	58	21Alp And	2.0730	11000.	106	48348	No
306	GOM_NL__2PRFIN20110529_223542_000000513103_00058_48348_7146.N1	29-MAY-2011 22:35:42	Dark	50.500	140	88Gam Peg	2.8340	26000.	101	48348	No
307	GOM_NL__2PRFIN20110529_224439_000000473103_00058_48348_7147.N1	29-MAY-2011 22:44:39	Dark	46.500	52	16Bet Cet	2.0370	4500.0	93	48348	No
308	GOM_NL__2PRFIN20110529_225305_000000613103_00058_48348_7148.N1	29-MAY-2011 22:53:05	Dark	61.000	18	24Alp PsA	1.1660	9700.0	122	48348	No
309	GOM_NL__2PRFIN20110529_225633_000000603103_00059_48349_7136.N1	29-MAY-2011 22:56:33	Dark	60.000	63	Bet Gru	2.1500	2800.0	120	48349	No
310	GOM_NL__2PRFIN20110529_225823_000000573103_00059_48349_7137.N1	29-MAY-2011 22:58:23	Dark	56.500	31	Alp Gru	1.7340	15200.	113	48349	No
311	GOM_NL__2PRFIN20110529_230325_000000463103_00059_48349_7138.N1	29-MAY-2011 23:03:25	Straylight	45.500	45	Alp Pav	1.9400	26000.	91	48349	No
312	GOM_NL__2PRFIN20110529_231056_000000423103_00059_48349_7139.N1	29-MAY-2011 23:10:56	Straylight	41.500	147	Alp Ara	2.8770	26000.	83	48349	No
313	GOM_NL__2PRFIN20110529_231236_000000493103_00059_48349_7140.N1	29-MAY-2011 23:12:36	Straylight	49.000	40	The Sco	1.8590	7100.0	98	48349	No
314	GOM_NL__2PRFIN20110529_231424_000000493103_00059_48349_7141.N1	29-MAY-2011 23:14:24	Twilight	48.500	25	35Lam Sco	1.6200	28000.	97	48349	No
315	GOM_NL__2PRFIN20110529_231613_000000473103_00059_48349_7142.N1	29-MAY-2011 23:16:13	Twilight	47.000	75	26Eps Sco	2.2910	4250.0	94	48349	No
316	GOM_NL__2PRFIN20110529_231816_000000433103_00059_48349_7143.N1	29-MAY-2011 23:18:16	Bright	43.000	136	23Tau Sco	2.8220	30000.	86	48349	No
317	GOM_NL__2PRFIN20110529_232022_000000413103_00059_48349_7144.N1	29-MAY-2011 23:20:22	Bright	40.500	80	7Del Sco	2.3160	30000.	81	48349	No
318	GOM_NL__2PRFIN20110529_232156_000000483103_00059_48349_7145.N1	29-MAY-2011 23:21:56	Bright	47.500	86	35Eta Oph	2.4300	10200.	95	48349	No
319	GOM_NL__2PRFIN20110529_232348_000000433103_00059_48349_7146.N1	29-MAY-2011 23:23:48	Bright	43.000	98	13Zet Oph	2.5710	30000.	86	48349	No
320	GOM_NL__2PRFIN20110529_232600_000000413103_00059_48349_7147.N1	29-MAY-2011 23:26:00	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	48349	No
321	GOM_NL__2PRFIN20110529_232901_000000383103_00059_48349_7148.N1	29-MAY-2011 23:29:01	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	48349	No
322	GOM_NL__2PRFIN20110529_233456_000000393103_00059_48349_7149.N1	29-MAY-2011 23:34:56	Bright	39.000	67	5Alp CrB	2.2210	11000.	78	48349	No
323	GOM_NL__2PRFIN20110529_233742_000000653103_00059_48349_7150.N1	29-MAY-2011 23:37:42	Bright	65.000	133	40Zet Her	2.8070	6000.0	130	48349	No
324	GOM_NL__2PRFIN20110529_234532_000000403103_00059_48349_7151.N1	29-MAY-2011 23:45:32	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	48349	No
325	GOM_NL__2PRFIN20110529_235558_000000473103_00059_48349_7152.N1	29-MAY-2011 23:55:58	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	48349	No

3. Quality information per product

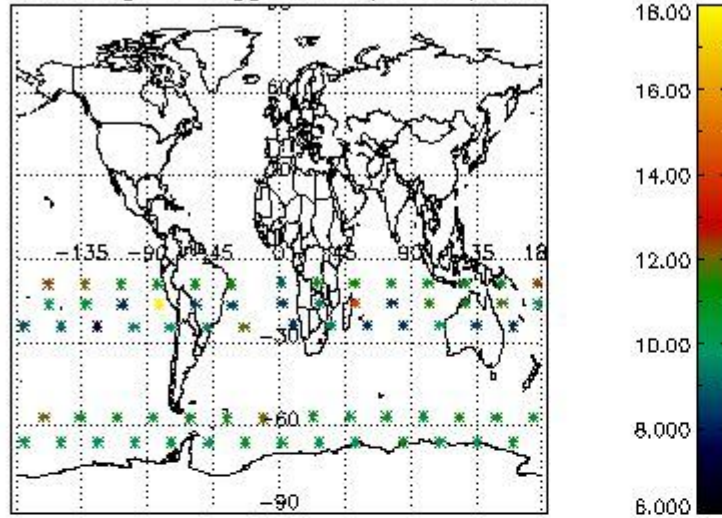
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

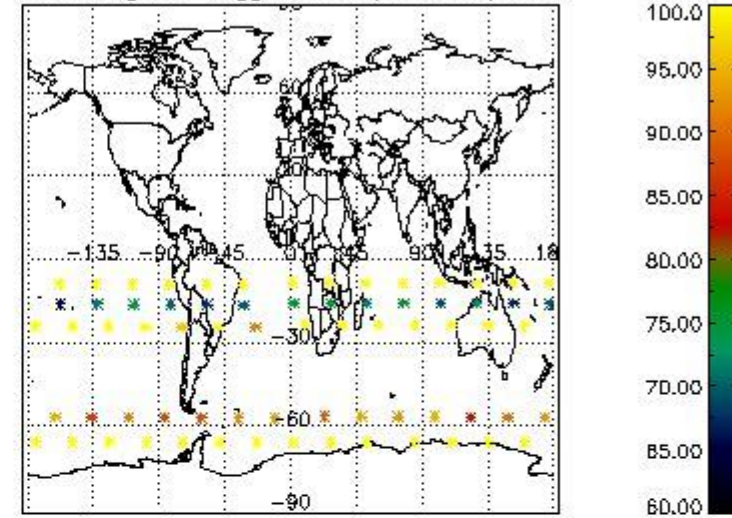


3.2 Plot quality information per product (world map)

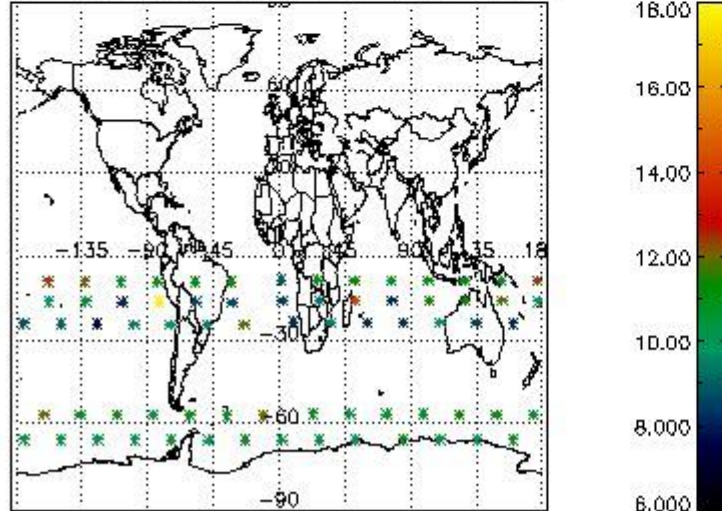
Percentage of flagged data per O3 profile



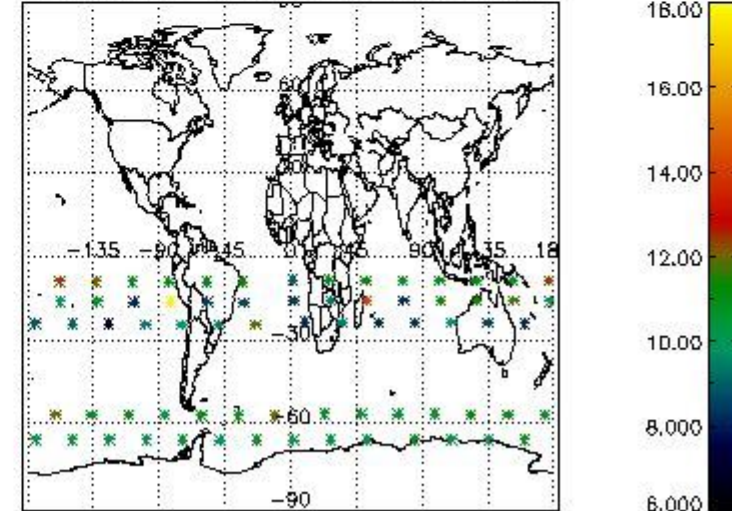
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

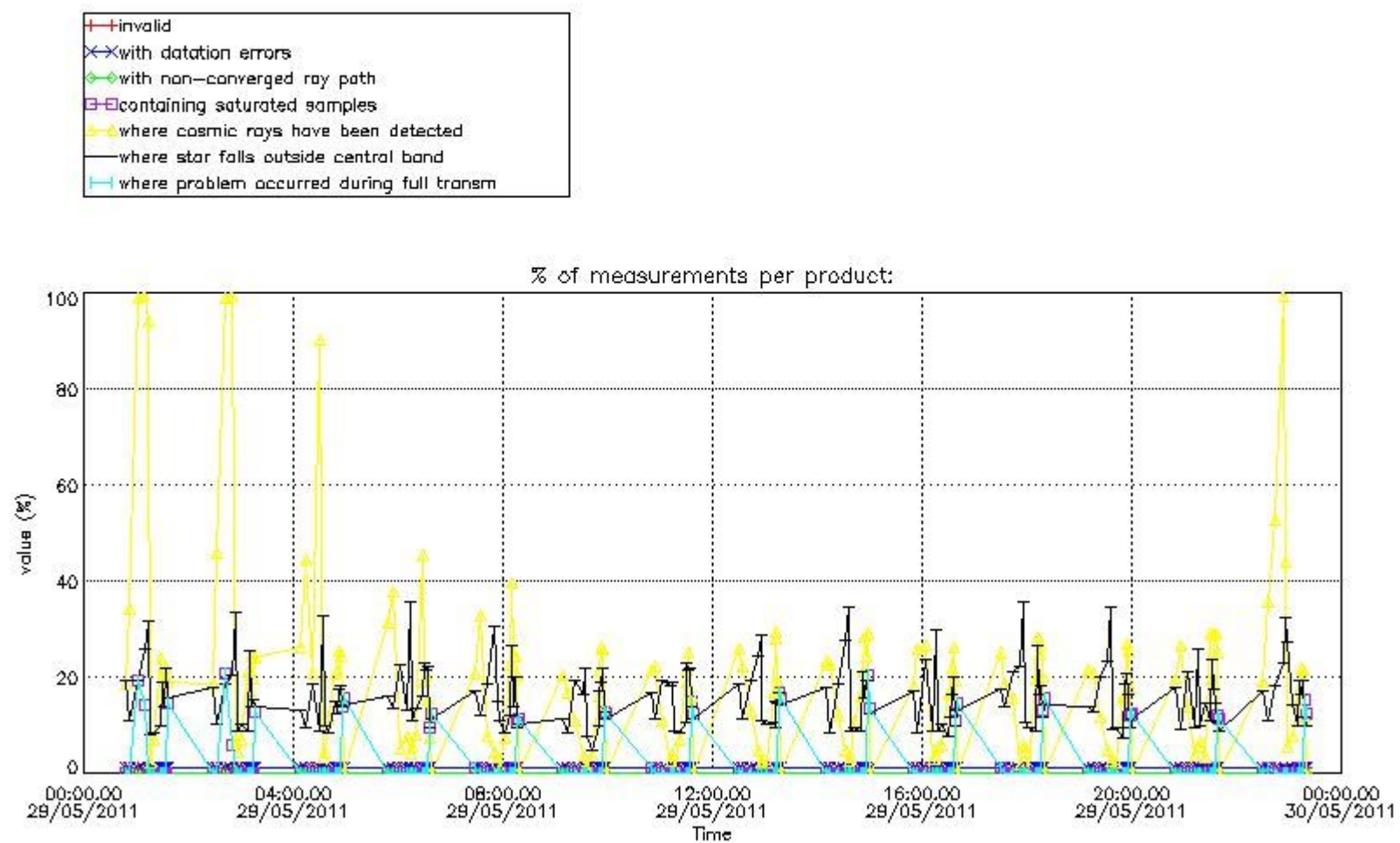


4. Level 1 quality information per product

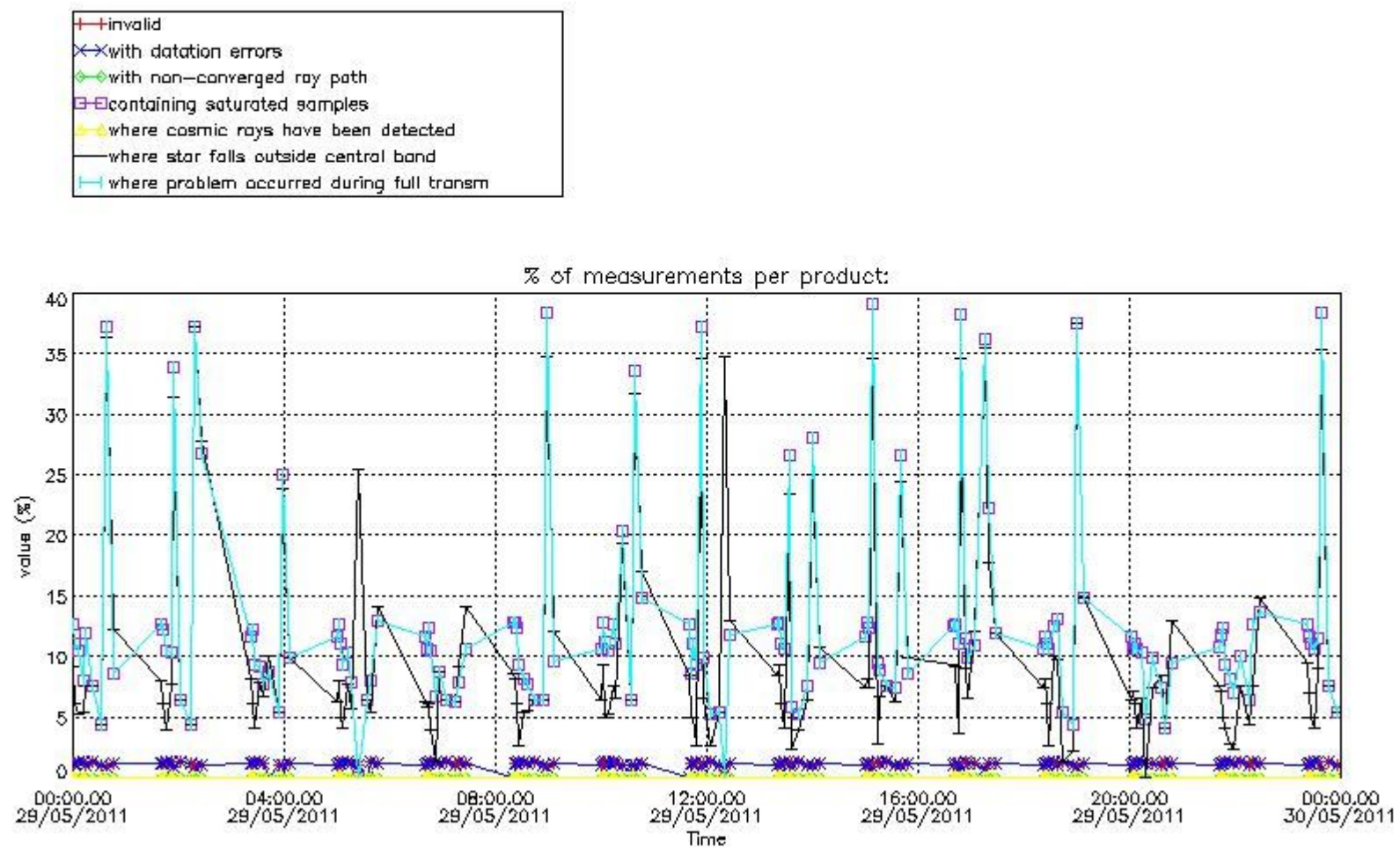
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

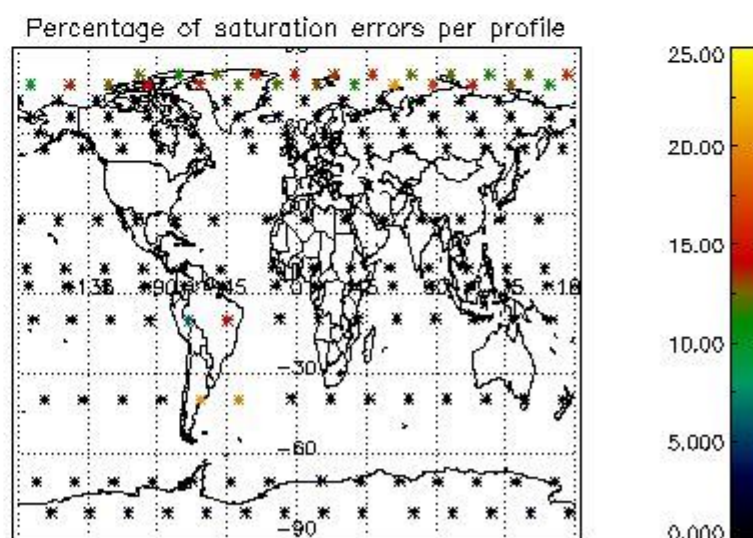
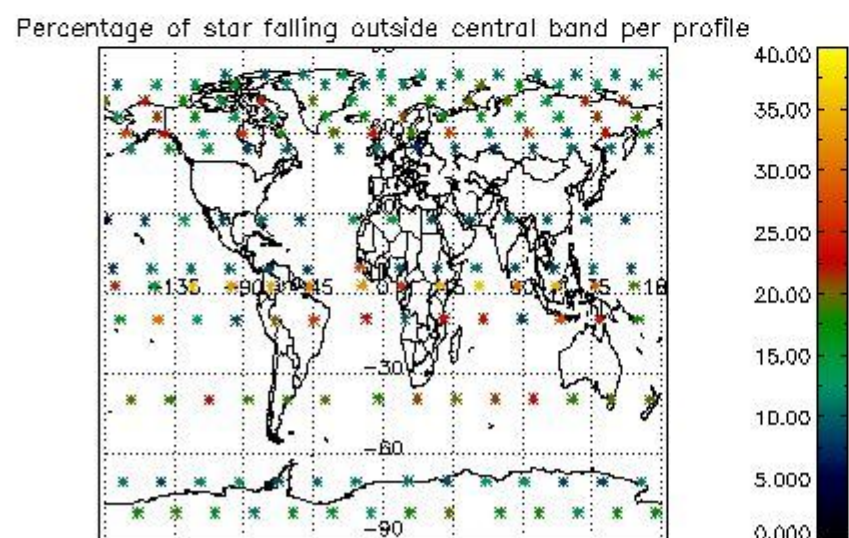
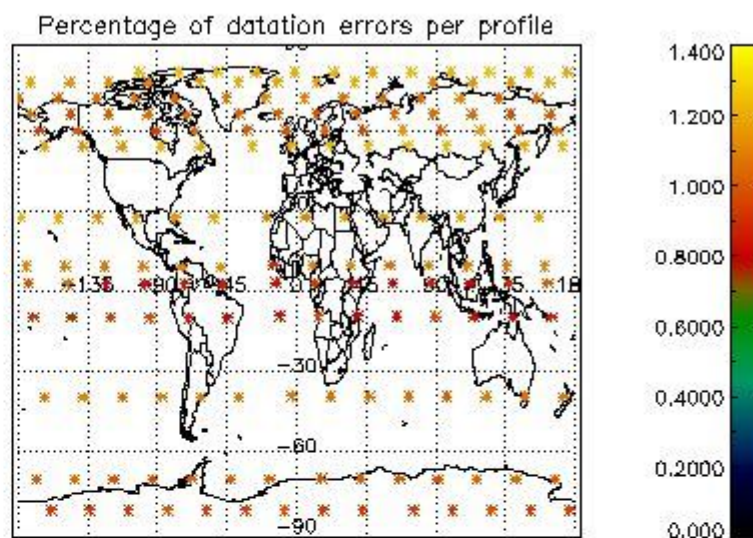
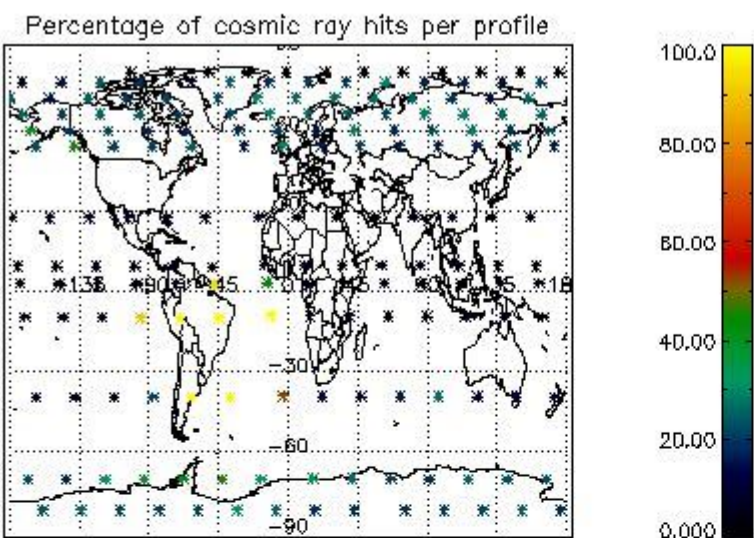


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

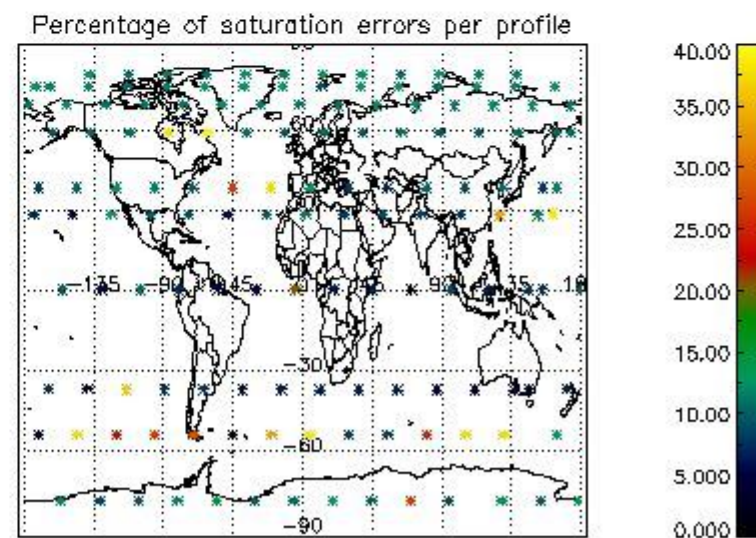
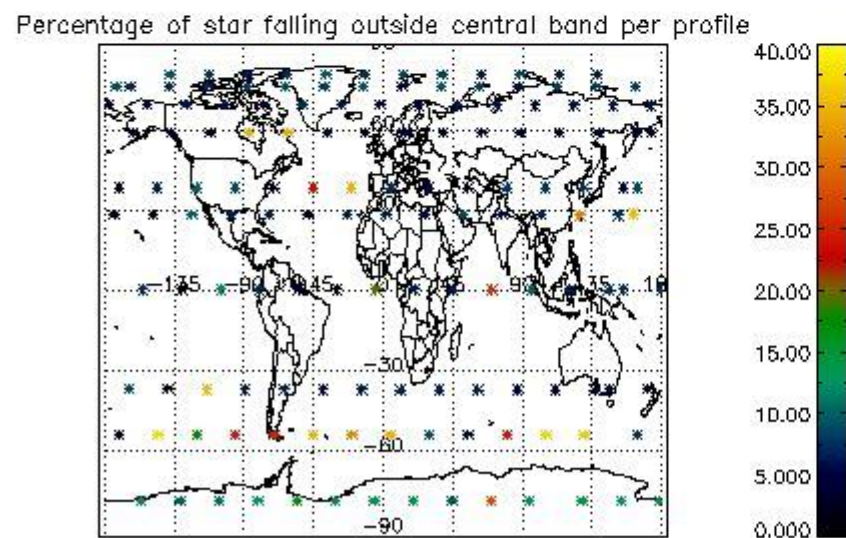
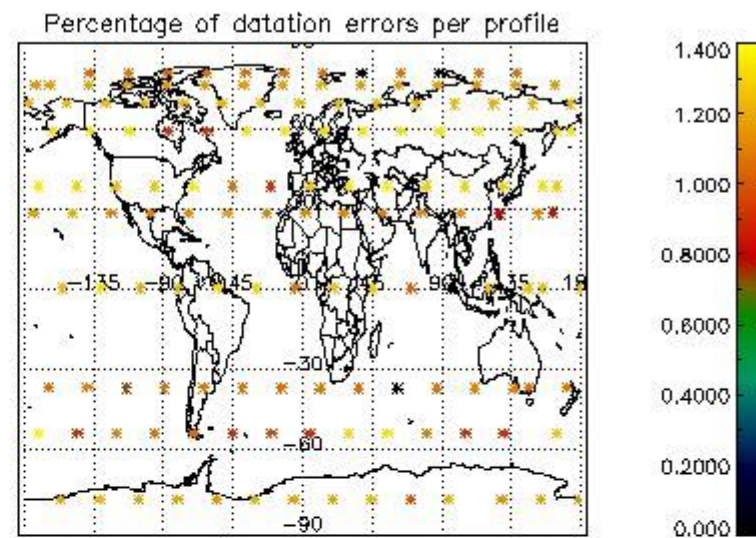
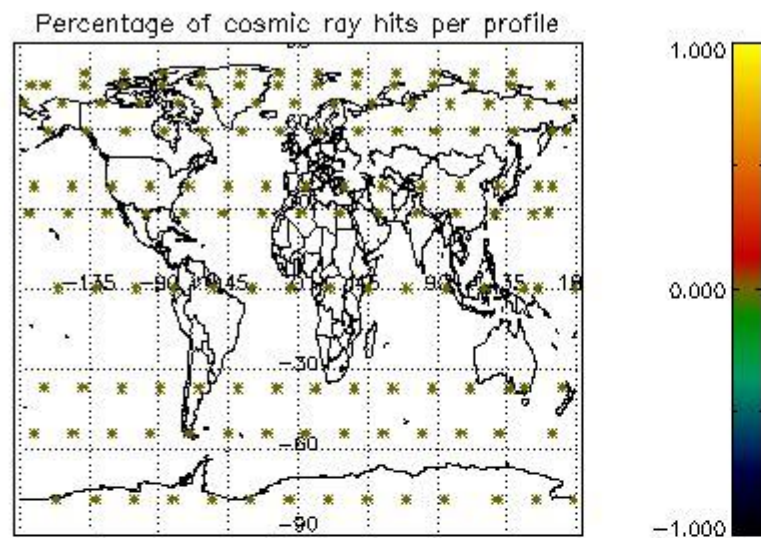


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

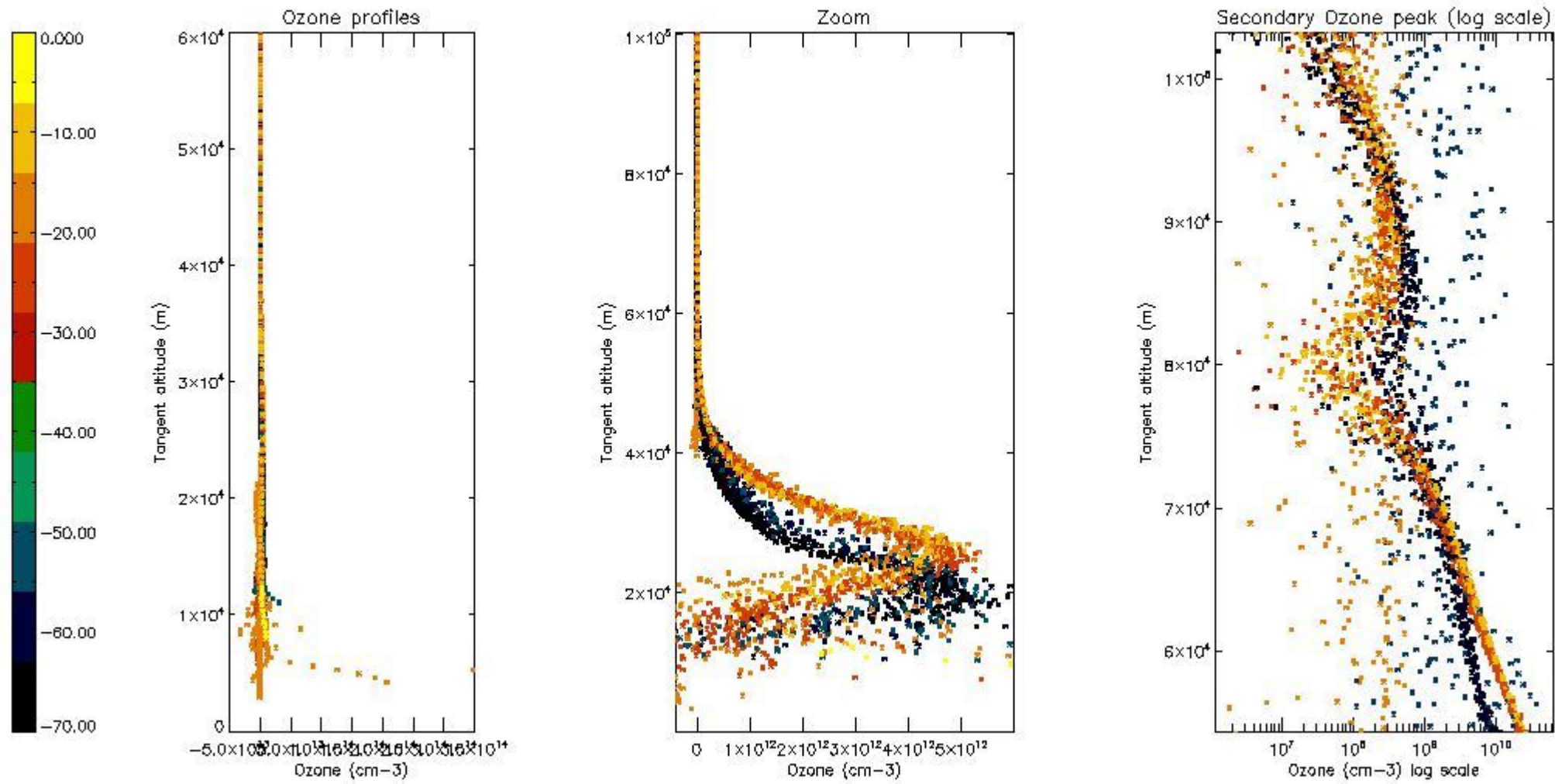
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	25
STD < 20	12

STD < 10	9
STD < 5	6

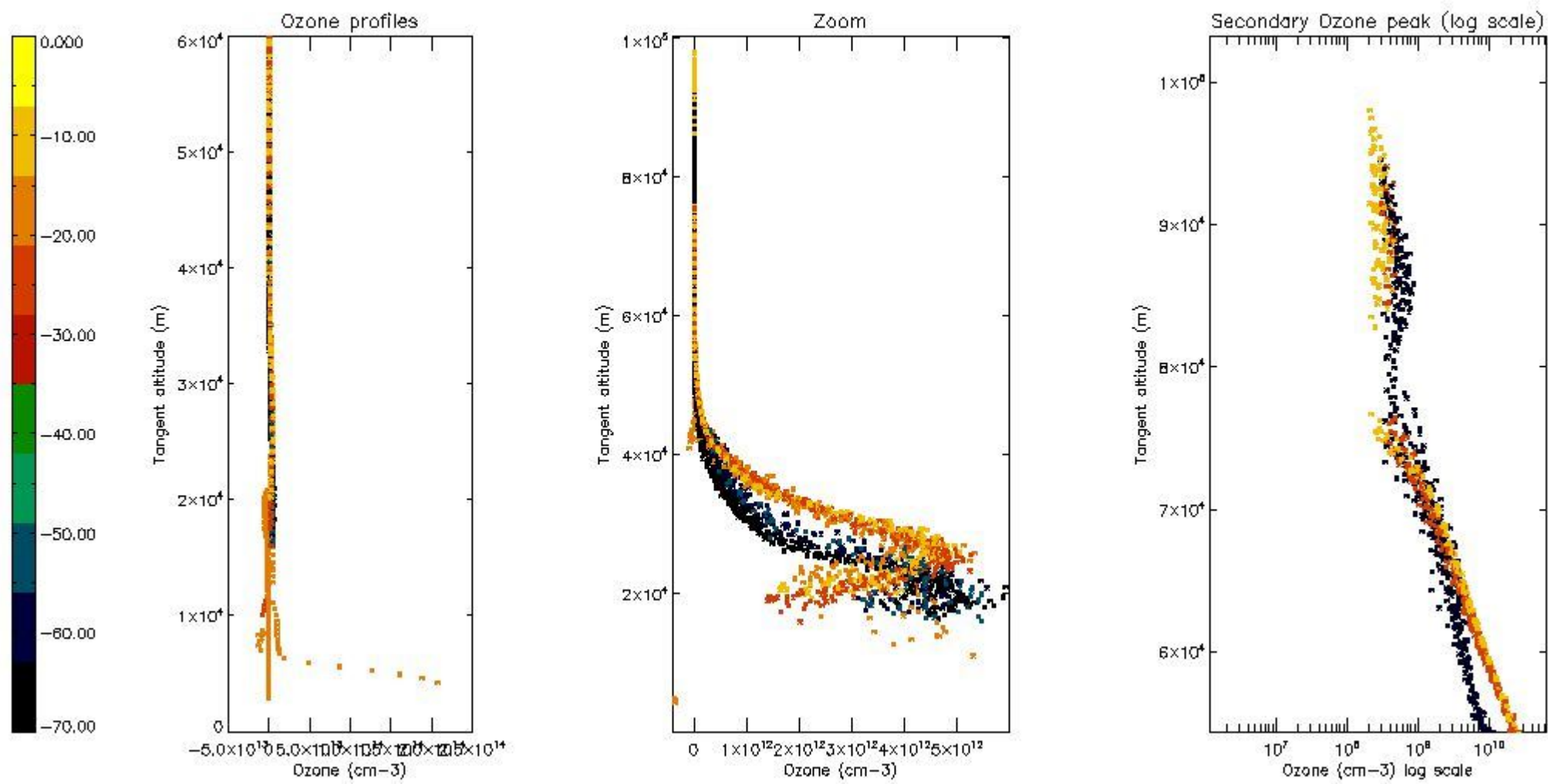
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



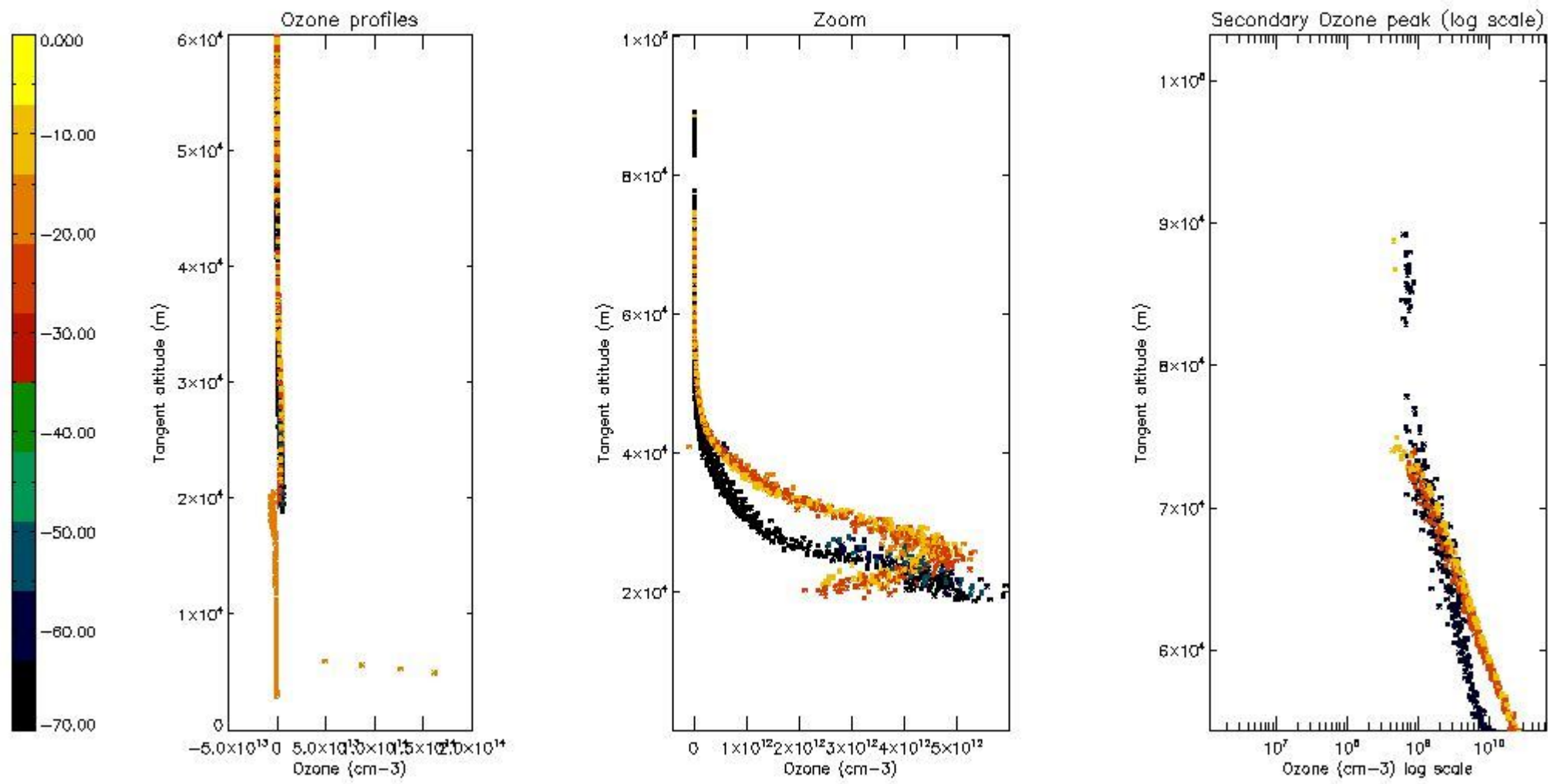
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



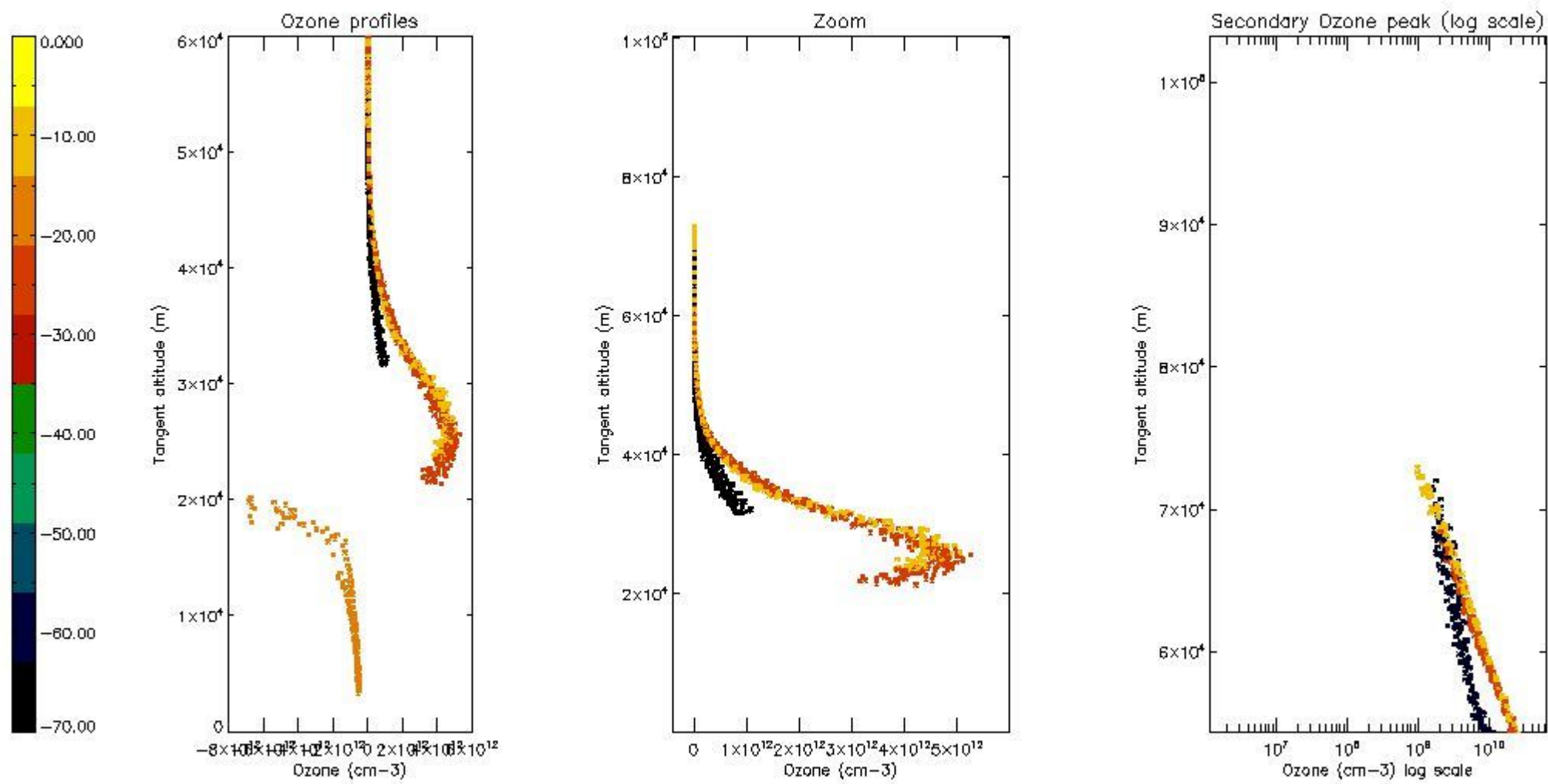
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



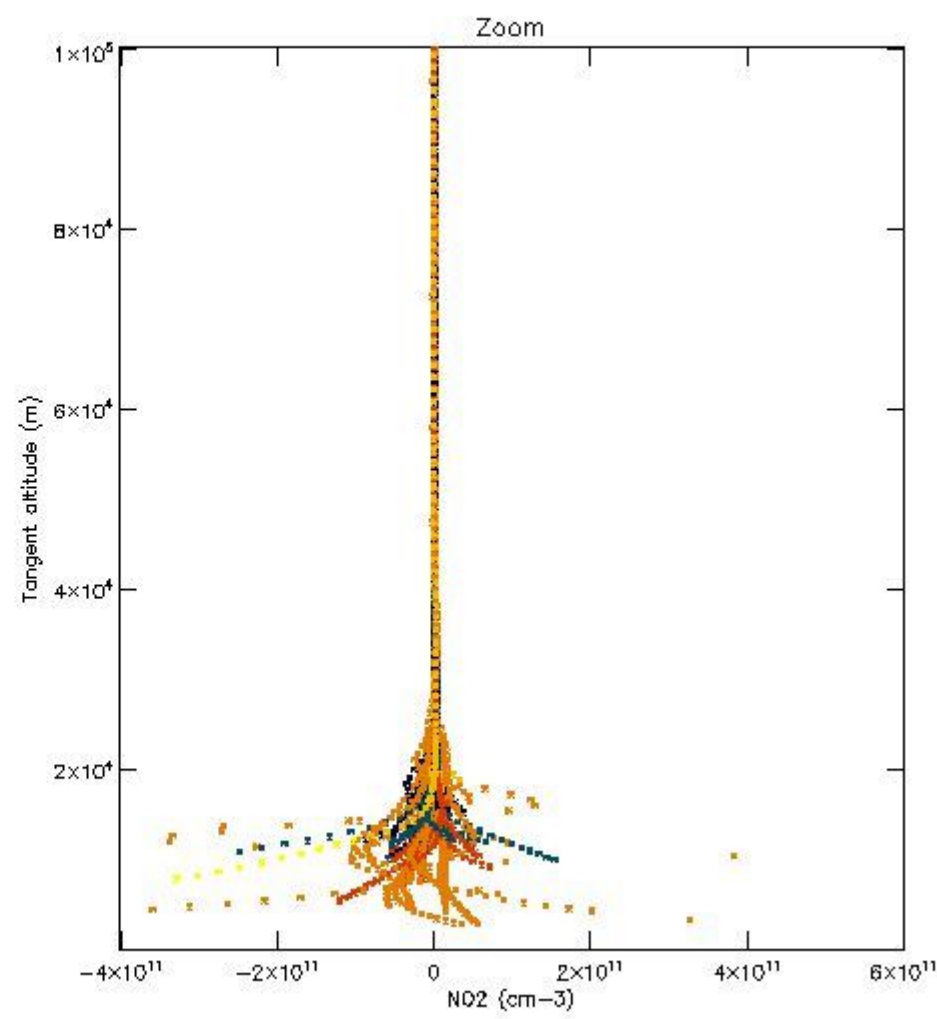
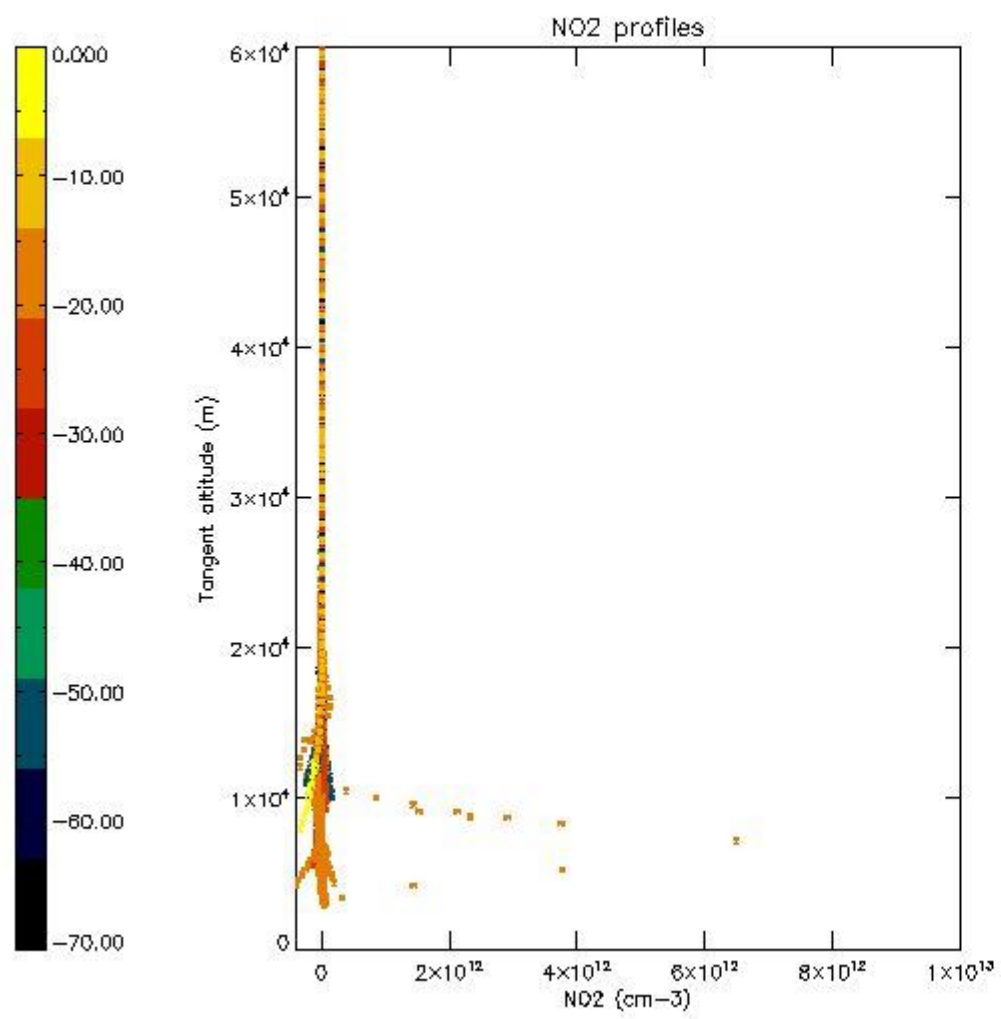
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



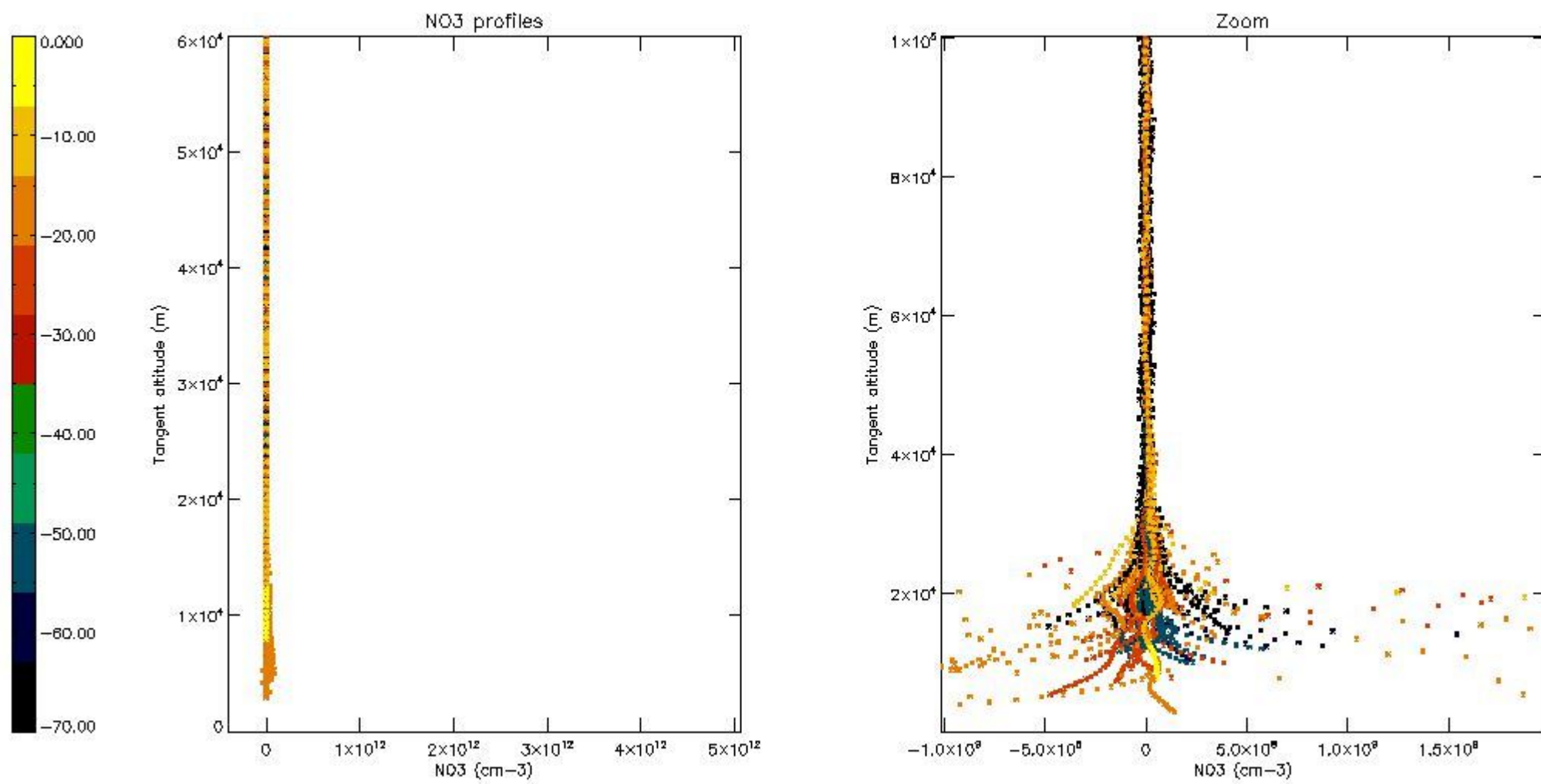
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



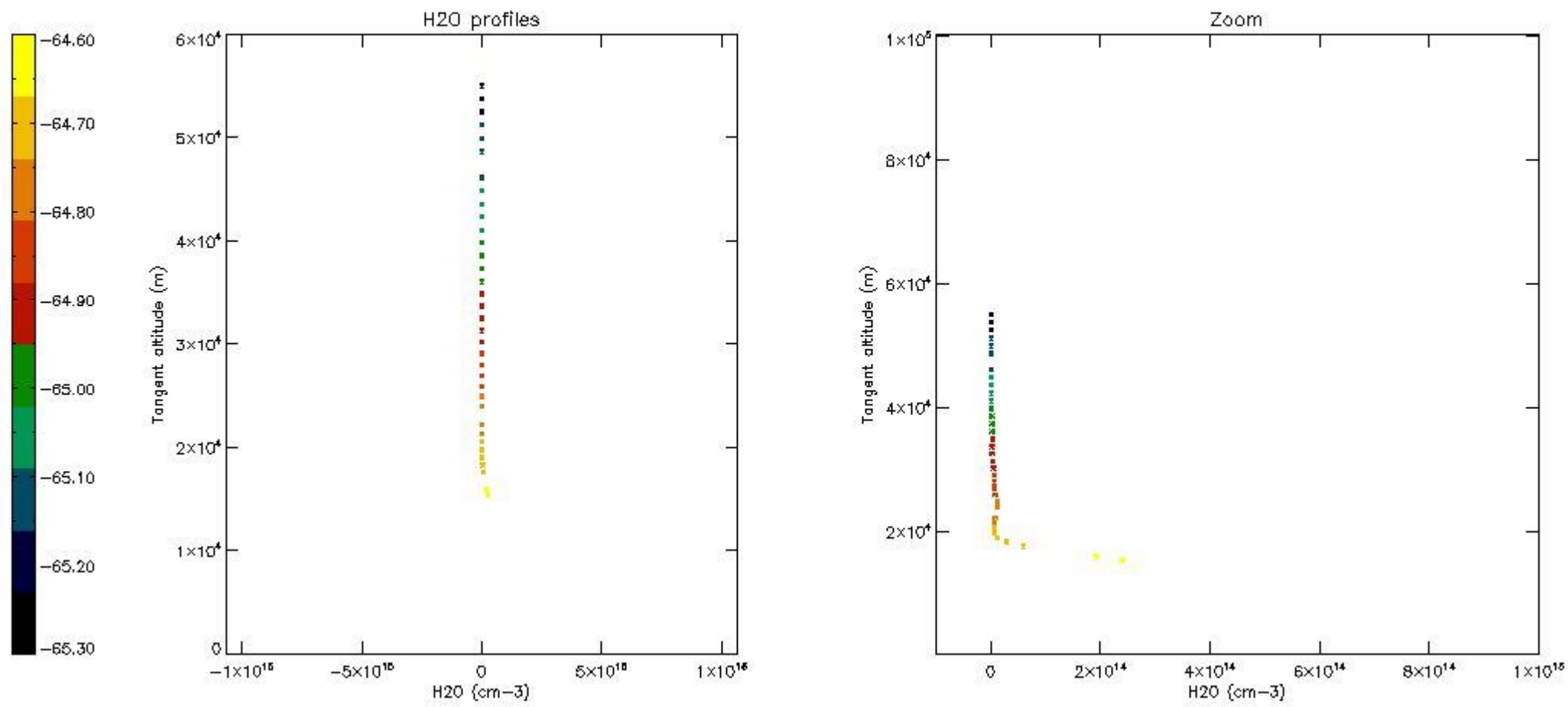
5.7 Plot NO3 profiles for all STD (dark without errors)

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	29-MAY-2011 00:00:32
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	29-MAY-2011 00:00:32
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	29-MAY-2011 00:00:32

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	24APR2013 14:09:18
Data source version	GOMOS/6.01
Start time of products	29-05-2011 (29MAY2011 00:00:00)
Stop time of products	30-05-2011 (30MAY2011 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	325
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__2PRFIN20110529_000032_000000443103_00045_48335_6340.N1	29-MAY-2011 00:00:32	Bright	43.500	98	13Zet Oph	2.5710	30000.	87	48335	No
2	GOM_NL__2PRFIN20110529_000245_000000413103_00045_48335_6341.N1	29-MAY-2011 00:02:45	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	48335	No
3	GOM_NL__2PRFIN20110529_000546_000000383103_00045_48335_6342.N1	29-MAY-2011 00:05:46	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	48335	No
4	GOM_NL__2PRFIN20110529_001142_000000383103_00045_48335_6343.N1	29-MAY-2011 00:11:42	Bright	37.500	67	5Alp CrB	2.2210	11000.	75	48335	No
5	GOM_NL__2PRFIN20110529_001434_000000463103_00045_48335_6344.N1	29-MAY-2011 00:14:34	Bright	46.000	133	40Zet Her	2.8070	6000.0	92	48335	No
6	GOM_NL__2PRFIN20110529_002221_000000403103_00045_48335_6345.N1	29-MAY-2011 00:22:21	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	48335	No
7	GOM_NL__2PRFIN20110529_003251_000000463103_00045_48335_6346.N1	29-MAY-2011 00:32:51	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	48335	No
8	GOM_NL__2PRFIN20110529_003735_000000553103_00045_48335_6347.N1	29-MAY-2011 00:37:35	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	48335	No
9	GOM_NL__2PRFIN20110529_004511_000000413103_00045_48335_6348.N1	29-MAY-2011 00:45:11	Bright	41.000	53	43Bet And	2.0480	3300.0	82	48335	No
10	GOM_NL__2PRFIN20110529_004748_000000543103_00045_48335_6349.N1	29-MAY-2011 00:47:48	Twilight	54.000	58	21Alp And	2.0730	11000.	108	48335	No
11	GOM_NL__2PRFIN20110529_005235_000000503103_00045_48335_6350.N1	29-MAY-2011 00:52:35	Dark	50.000	140	88Gam Peg	2.8340	26000.	100	48335	No
12	GOM_NL__2PRFIN20110529_010130_000000473103_00045_48335_6351.N1	29-MAY-2011 01:01:30	Dark	46.500	52	16Bet Cet	2.0370	4500.0	93	48335	No
13	GOM_NL__2PRFIN20110529_010948_000000643103_00045_48335_6352.N1	29-MAY-2011 01:09:48	Dark	64.000	18	24Alp PsA	1.1660	9700.0	128	48335	No
14	GOM_NL__2PRFIN20110529_011320_000000593103_00046_48336_6350.N1	29-MAY-2011 01:13:20	Dark	58.500	63	Bet Gru	2.1500	2800.0	117	48336	No
15	GOM_NL__2PRFIN20110529_011509_000000453103_00046_48336_6351.N1	29-MAY-2011 01:15:09	Dark	44.500	31	Alp Gru	1.7340	15200.	89	48336	No
16	GOM_NL__2PRFIN20110529_012015_000000433103_00046_48336_6352.N1	29-MAY-2011 01:20:15	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	48336	No
17	GOM_NL__2PRFIN20110529_012749_000000423103_00046_48336_6353.N1	29-MAY-2011 01:27:49	Straylight	41.500	147	Alp Ara	2.8770	26000.	83	48336	No
18	GOM_NL__2PRFIN20110529_012929_000000483103_00046_48336_6354.N1	29-MAY-2011 01:29:29	Straylight	48.000	40	The Sco	1.8590	7100.0	96	48336	No
19	GOM_NL__2PRFIN20110529_013117_000000483103_00046_48336_6355.N1	29-MAY-2011 01:31:17	Twilight	47.500	25	35Lam Sco	1.6200	28000.	95	48336	No
20	GOM_NL__2PRFIN20110529_013307_000000493103_00046_48336_6356.N1	29-MAY-2011 01:33:07	Twilight	48.500	75	26Eps Sco	2.2910	4250.0	97	48336	No
21	GOM_NL__2PRFIN20110529_013511_000000453103_00046_48336_6357.N1	29-MAY-2011 01:35:11	Twilight	45.000	136	23Tau Sco	2.8220	30000.	90	48336	No
22	GOM_NL__2PRFIN20110529_014046_000000443103_00046_48336_6358.N1	29-MAY-2011 01:40:46	Bright	43.500	98	13Zet Oph	2.5710	30000.	87	48336	No
23	GOM_NL__2PRFIN20110529_014259_000000413103_00046_48336_6359.N1	29-MAY-2011 01:42:59	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	48336	No
24	GOM_NL__2PRFIN20110529_014600_000000383103_00046_48336_6360.N1	29-MAY-2011 01:46:00	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	48336	No
25	GOM_NL__2PRFIN20110529_015156_000000393103_00046_48336_6361.N1	29-MAY-2011 01:51:56	Bright	39.000	67	5Alp CrB	2.2210	11000.	78	48336	No
26	GOM_NL__2PRFIN20110529_015447_000000623103_00046_48336_6362.N1	29-MAY-2011 01:54:47	Bright	62.000	133	40Zet Her	2.8070	6000.0	124	48336	No
27	GOM_NL__2PRFIN20110529_020234_000000403103_00046_48336_6363.N1	29-MAY-2011 02:02:34	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	48336	No
28	GOM_NL__2PRFIN20110529_021304_000000463103_00046_48336_6364.N1	29-MAY-2011 02:13:04	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	48336	No
29	GOM_NL__2PRFIN20110529_021748_000000553103_00046_48336_6365.N1	29-MAY-2011 02:17:48	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	48336	No
30	GOM_NL__2PRFIN20110529_022526_000000513103_00046_48336_6366.N1	29-MAY-2011 02:25:26	Bright	50.500	53	43Bet And	2.0480	3300.0	101	48336	No
31	GOM_NL__2PRFIN20110529_022802_000000543103_00046_48336_6367.N1	29-MAY-2011 02:28:02	Twilight	53.500	58	21Alp And	2.0730	11000.	107	48336	No
32	GOM_NL__2PRFIN20110529_023249_000000493103_00046_48336_6368.N1	29-MAY-2011 02:32:49	Dark	49.000	140	88Gam Peg	2.8340	26000.	98	48336	No
33	GOM_NL__2PRFIN20110529_024144_000000463103_00046_48336_6369.N1	29-MAY-2011 02:41:44	Dark	46.000	52	16Bet Cet	2.0370	4500.0	92	48336	No
34	GOM_NL__2PRFIN20110529_025003_000000593103_00046_48336_6370.N1	29-MAY-2011 02:50:03	Dark	58.500	18	24Alp PsA	1.1660	9700.0	117	48336	No
35	GOM_NL__2PRFIN20110529_025335_000000603103_00047_48337_6390.N1	29-MAY-2011 02:53:35	Dark	59.500	63	Bet Gru	2.1500	2800.0	119	48337	No
36	GOM_NL__2PRFIN20110529_025524_000000463103_00047_48337_6391.N1	29-MAY-2011 02:55:24	Dark	45.500	31	Alp Gru	1.7340	15200.	91	48337	No
37	GOM_NL__2PRFIN20110529_030029_000000443103_00047_48337_6392.N1	29-MAY-2011 03:00:29	Straylight	43.500	45	Alp Pav	1.9400	26000.	87	48337	No
38	GOM_NL__2PRFIN20110529_030803_000000413103_00047_48337_6393.N1	29-MAY-2011 03:08:03	Straylight	40.500	147	Alp Ara	2.8770	26000.	81	48337	No
39	GOM_NL__2PRFIN20110529_030943_000000533103_00047_48337_6394.N1	29-MAY-2011 03:09:43	Straylight	53.000	40	The Sco	1.8590	7100.0	106	48337	No
40	GOM_NL__2PRFIN20110529_031131_000000483103_00047_48337_6395.N1	29-MAY-2011 03:11:31	Twilight	47.500	25	35Lam Sco	1.6200	28000.	95	48337	No
41	GOM_NL__2PRFIN20110529_031321_000000463103_00047_48337_6396.N1	29-MAY-2011 03:13:21	Twilight	45.500	75	26Eps Sco	2.2910	4250.0	91	48337	No
42	GOM_NL__2PRFIN20110529_031525_000000443103_00047_48337_6397.N1	29-MAY-2011 03:15:25	Twilight	43.500	136	23Tau Sco	2.8220	30000.	87	48337	No

43	GOM_NL__2PRFIN20110529_032100_000000433103_00047_48337_6398.N1	29-MAY-2011 03:21:00	Bright	43.000	98	13Zet Oph	2.5710	30000.	86	48337	No
44	GOM_NL__2PRFIN20110529_032313_000000413103_00047_48337_6399.N1	29-MAY-2011 03:23:13	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	48337	No
45	GOM_NL__2PRFIN20110529_032614_000000383103_00047_48337_6400.N1	29-MAY-2011 03:26:14	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	48337	No
46	GOM_NL__2PRFIN20110529_033210_000000393103_00047_48337_6401.N1	29-MAY-2011 03:32:10	Bright	38.500	67	5Alp CrB	2.2210	11000.	77	48337	No
47	GOM_NL__2PRFIN20110529_033501_000000453103_00047_48337_6402.N1	29-MAY-2011 03:35:01	Bright	45.000	133	40Zet Her	2.8070	6000.0	90	48337	No
48	GOM_NL__2PRFIN20110529_034248_000000403103_00047_48337_6403.N1	29-MAY-2011 03:42:48	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	48337	No
49	GOM_NL__2PRFIN20110529_035317_000000473103_00047_48337_6404.N1	29-MAY-2011 03:53:17	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	48337	No
50	GOM_NL__2PRFIN20110529_035802_000000463103_00047_48337_6405.N1	29-MAY-2011 03:58:02	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	48337	No
51	GOM_NL__2PRFIN20110529_040540_000000413103_00047_48337_6406.N1	29-MAY-2011 04:05:40	Bright	40.500	53	43Bet And	2.0480	3300.0	81	48337	No
52	GOM_NL__2PRFIN20110529_040817_000000503103_00047_48337_6407.N1	29-MAY-2011 04:08:17	Twi_and_stray	50.000	58	21Alp And	2.0730	11000.	100	48337	No
53	GOM_NL__2PRFIN20110529_041303_000000493103_00047_48337_6408.N1	29-MAY-2011 04:13:03	Dark	48.500	140	88Gam Peg	2.8340	26000.	97	48337	No
54	GOM_NL__2PRFIN20110529_042159_000000463103_00047_48337_6409.N1	29-MAY-2011 04:21:59	Dark	46.000	52	16Bet Cet	2.0370	4500.0	92	48337	No
55	GOM_NL__2PRFIN20110529_043019_000000523103_00047_48337_6410.N1	29-MAY-2011 04:30:19	Dark	51.500	18	24Alp PsA	1.1660	9700.0	103	48337	No
56	GOM_NL__2PRFIN20110529_043350_000000603103_00048_48338_6410.N1	29-MAY-2011 04:33:50	Dark	59.500	63	Bet Gru	2.1500	2800.0	119	48338	No
57	GOM_NL__2PRFIN20110529_043539_000000463103_00048_48338_6411.N1	29-MAY-2011 04:35:39	Dark	46.000	31	Alp Gru	1.7340	15200.	92	48338	No
58	GOM_NL__2PRFIN20110529_044044_000000433103_00048_48338_6412.N1	29-MAY-2011 04:40:44	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	48338	No
59	GOM_NL__2PRFIN20110529_044818_000000443103_00048_48338_6413.N1	29-MAY-2011 04:48:18	Straylight	43.500	147	Alp Ara	2.8770	26000.	87	48338	No
60	GOM_NL__2PRFIN20110529_044958_000000453103_00048_48338_6414.N1	29-MAY-2011 04:49:58	Straylight	44.500	40	The Sco	1.8590	7100.0	89	48338	No
61	GOM_NL__2PRFIN20110529_045146_000000493103_00048_48338_6415.N1	29-MAY-2011 04:51:46	Twi_and_stray	49.000	25	35Lam Sco	1.6200	28000.	98	48338	No
62	GOM_NL__2PRFIN20110529_045336_000000473103_00048_48338_6416.N1	29-MAY-2011 04:53:36	Twi_and_stray	47.000	75	26Eps Sco	2.2910	4250.0	94	48338	No
63	GOM_NL__2PRFIN20110529_045540_000000443103_00048_48338_6417.N1	29-MAY-2011 04:55:40	Twi_and_stray	44.000	136	23Tau Sco	2.8220	30000.	88	48338	No
64	GOM_NL__2PRFIN20110529_045746_000000423103_00048_48338_6418.N1	29-MAY-2011 04:57:46	Bright	42.000	80	7Del Sco	2.3160	30000.	84	48338	No
65	GOM_NL__2PRFIN20110529_045921_000000483103_00048_48338_6419.N1	29-MAY-2011 04:59:21	Bright	47.500	86	35Eta Oph	2.4300	10200.	95	48338	No
66	GOM_NL__2PRFIN20110529_050114_000000443103_00048_48338_6420.N1	29-MAY-2011 05:01:14	Bright	43.500	98	13Zet Oph	2.5710	30000.	87	48338	No
67	GOM_NL__2PRFIN20110529_050327_000000413103_00048_48338_6421.N1	29-MAY-2011 05:03:27	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	48338	No
68	GOM_NL__2PRFIN20110529_050628_000000383103_00048_48338_6422.N1	29-MAY-2011 05:06:28	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	48338	No
69	GOM_NL__2PRFIN20110529_051224_000000393103_00048_48338_6423.N1	29-MAY-2011 05:12:24	Bright	39.000	67	5Alp CrB	2.2210	11000.	78	48338	No
70	GOM_NL__2PRFIN20110529_051514_000000453103_00048_48338_6424.N1	29-MAY-2011 05:15:14	Bright	44.500	133	40Zet Her	2.8070	6000.0	89	48338	No
71	GOM_NL__2PRFIN20110529_052302_000000493103_00048_48338_6425.N1	29-MAY-2011 05:23:02	Bright	49.000	119	14Eta Dra	2.7270	4700.0	98	48338	No
72	GOM_NL__2PRFIN20110529_053331_000000473103_00048_48338_6426.N1	29-MAY-2011 05:33:31	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	48338	No
73	GOM_NL__2PRFIN20110529_053816_000000383103_00048_48338_6427.N1	29-MAY-2011 05:38:16	Bright	37.500	76	27Gam Cas	2.3000	30000.	75	48338	No
74	GOM_NL__2PRFIN20110529_054554_000000433103_00048_48338_6428.N1	29-MAY-2011 05:45:54	Bright	42.500	53	43Bet And	2.0480	3300.0	85	48338	No
75	GOM_NL__2PRFIN20110529_054831_000000533103_00048_48338_6429.N1	29-MAY-2011 05:48:31	Twi_and_stray	53.000	58	21Alp And	2.0730	11000.	106	48338	No
76	GOM_NL__2PRFIN20110529_055318_000000523103_00048_48338_6430.N1	29-MAY-2011 05:53:18	Dark	51.500	140	88Gam Peg	2.8340	26000.	103	48338	No
77	GOM_NL__2PRFIN20110529_060214_000000493103_00048_48338_6431.N1	29-MAY-2011 06:02:14	Dark	48.500	52	16Bet Cet	2.0370	4500.0	97	48338	No
78	GOM_NL__2PRFIN20110529_061034_000000543103_00048_48338_6432.N1	29-MAY-2011 06:10:34	Dark	53.500	18	24Alp PsA	1.1660	9700.0	107	48338	No
79	GOM_NL__2PRFIN20110529_061405_000000623103_00049_48339_6423.N1	29-MAY-2011 06:14:05	Dark	62.000	63	Bet Gru	2.1500	2800.0	124	48339	No
80	GOM_NL__2PRFIN20110529_061554_000000473103_00049_48339_6424.N1	29-MAY-2011 06:15:54	Dark	46.500	31	Alp Gru	1.7340	15200.	93	48339	No
81	GOM_NL__2PRFIN20110529_062059_000000453103_00049_48339_6425.N1	29-MAY-2011 06:20:59	Straylight	44.500	45	Alp Pav	1.9400	26000.	89	48339	No
82	GOM_NL__2PRFIN20110529_062832_000000443103_00049_48339_6426.N1	29-MAY-2011 06:28:32	Straylight	44.000	147	Alp Ara	2.8770	26000.	88	48339	No
83	GOM_NL__2PRFIN20110529_063012_000000513103_00049_48339_6427.N1	29-MAY-2011 06:30:12	Straylight	50.500	40	The Sco	1.8590	7100.0	101	48339	No
84	GOM_NL__2PRFIN20110529_063200_000000523103_00049_48339_6428.N1	29-MAY-2011 06:32:00	Twi_and_stray	51.500	25	35Lam Sco	1.6200	28000.	103	48339	No
85	GOM_NL__2PRFIN20110529_063350_000000503103_00049_48339_6429.N1	29-MAY-2011 06:33:50	Twi_and_stray	49.500	75	26Eps Sco	2.2910	4250.0	99	48339	No
86	GOM_NL__2PRFIN20110529_063554_000000423103_00049_48339_6430.N1	29-MAY-2011 06:35:54	Twi_and_stray	42.000	136	23Tau Sco	2.8220	30000.	84	48339	No
87	GOM_NL__2PRFIN20110529_063801_000000413103_00049_48339_6431.N1	29-MAY-2011 06:38:01	Bright	40.500	80	7Del Sco	2.3160	30000.	81	48339	No
88	GOM_NL__2PRFIN20110529_063935_000000483103_00049_48339_6432.N1	29-MAY-2011 06:39:35	Bright	47.500	86	35Eta Oph	2.4300	10200.	95	48339	No
89	GOM_NL__2PRFIN20110529_064128_000000433103_00049_48339_6433.N1	29-MAY-2011 06:41:28	Bright	42.500	98	13Zet Oph	2.5710	30000.	85	48339	No
90	GOM_NL__2PRFIN20110529_064341_000000413103_00049_48339_6434.N1	29-MAY-2011 06:43:41	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	48339	No
91	GOM_NL__2PRFIN20110529_064642_000000383103_00049_48339_6435.N1	29-MAY-2011 06:46:42	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	48339	No
92	GOM_NL__2PRFIN20110529_065238_000000373103_00049_48339_6436.N1	29-MAY-2011 06:52:38	Bright	37.000	67	5Alp CrB	2.2210	11000.	74	48339	No
93	GOM_NL__2PRFIN20110529_065527_000000463103_00049_48339_6437.N1	29-MAY-2011 06:55:27	Bright	45.500	133	40Zet Her	2.8070	6000.0	91	48339	No
94	GOM_NL__2PRFIN20110529_070316_000000393103_00049_48339_6438.N1	29-MAY-2011 07:03:16	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	48339	No
95	GOM_NL__2PRFIN20110529_071344_000000483103_00049_48339_6439.N1	29-MAY-2011 07:13:44	Bright	47.500	89	5Alp Cep	2.4510	8000.0	95	48339	No
96	GOM_NL__2PRFIN20110529_071830_000000383103_00049_48339_6440.N1	29-MAY-2011 07:18:30	Bright	38.000	76	27Gam Cas	2.3000	30000.	76	48339	No
97	GOM_NL__2PRFIN20110529_072608_000000433103_00049_48339_6441.N1	29-MAY-2011 07:26:08	Bright	42.500	53	43Bet And	2.0480	3300.0	85	48339	No
98	GOM_NL__2PRFIN20110529_072845_000000533103_00049_48339_6442.N1	29-MAY-2011 07:28:45	Twi_and_stray	53.000	58	21Alp And	2.0730	11000.	106	48339	No
99	GOM_NL__2PRFIN20110529_073332_000000513103_00049_48339_6443.N1	29-MAY-2011 07:33:32	Dark	50.500	140	88Gam Peg	2.8340	26000.	101	48339	No
100	GOM_NL__2PRFIN20110529_074228_000000463103_00049_48339_6444.N1	29-MAY-2011 07:42:28	Dark	45.500	52	16Bet Cet	2.0370	4500.0	91	48339	No
101	GOM_NL__2PRFIN20110529_075049_000000683103_00049_48339_6445.N1	29-MAY-2011 07:50:49	Dark	67.500	18	24Alp PsA	1.1660	9700.0	135	48339	No

102	GOM_NL__2PRFIN20110529_075419_000000483103_00050_48340_6521.N1	29-MAY-2011 07:54:19	Dark	47.500	63	Bet Gru	2.1500	2800.0	95	48340	No
103	GOM_NL__2PRFIN20110529_075609_000000463103_00050_48340_6522.N1	29-MAY-2011 07:56:09	Dark	46.000	31	Alp Gru	1.7340	15200.	92	48340	No
104	GOM_NL__2PRFIN20110529_080114_000000423103_00050_48340_6523.N1	29-MAY-2011 08:01:14	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	48340	No
105	GOM_NL__2PRFIN20110529_080847_000000423103_00050_48340_6524.N1	29-MAY-2011 08:08:47	Straylight	42.000	147	Alp Ara	2.8770	26000.	84	48340	No
106	GOM_NL__2PRFIN20110529_081027_000000533103_00050_48340_6525.N1	29-MAY-2011 08:10:27	Straylight	53.000	40	The Sco	1.8590	7100.0	106	48340	No
107	GOM_NL__2PRFIN20110529_081215_000000473103_00050_48340_6526.N1	29-MAY-2011 08:12:15	Twilight_and_stray	47.000	25	35Lam Sco	1.6200	28000.	94	48340	No
108	GOM_NL__2PRFIN20110529_081405_000000483103_00050_48340_6527.N1	29-MAY-2011 08:14:05	Twilight_and_stray	47.500	75	26Eps Sco	2.2910	4250.0	95	48340	No
109	GOM_NL__2PRFIN20110529_081608_000000423103_00050_48340_6528.N1	29-MAY-2011 08:16:08	Twilight_and_stray	42.000	136	23Tau Sco	2.8220	30000.	84	48340	No
110	GOM_NL__2PRFIN20110529_081815_000000403103_00050_48340_6529.N1	29-MAY-2011 08:18:15	Bright	40.000	80	7Del Sco	2.3160	30000.	80	48340	No
111	GOM_NL__2PRFIN20110529_081949_000000473103_00050_48340_6530.N1	29-MAY-2011 08:19:49	Bright	47.000	86	35Eta Oph	2.4300	10200.	94	48340	No
112	GOM_NL__2PRFIN20110529_082143_000000433103_00050_48340_6531.N1	29-MAY-2011 08:21:43	Bright	43.000	98	13Zet Oph	2.5710	30000.	86	48340	No
113	GOM_NL__2PRFIN20110529_082355_000000413103_00050_48340_6532.N1	29-MAY-2011 08:23:55	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	48340	No
114	GOM_NL__2PRFIN20110529_082656_000000383103_00050_48340_6533.N1	29-MAY-2011 08:26:56	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	48340	No
115	GOM_NL__2PRFIN20110529_083252_000000373103_00050_48340_6534.N1	29-MAY-2011 08:32:52	Bright	37.000	67	5Alp CrB	2.2210	11000.	74	48340	No
116	GOM_NL__2PRFIN20110529_083541_000000453103_00050_48340_6535.N1	29-MAY-2011 08:35:41	Bright	45.000	133	40Zet Her	2.8070	6000.0	90	48340	No
117	GOM_NL__2PRFIN20110529_084329_000000403103_00050_48340_6536.N1	29-MAY-2011 08:43:29	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	48340	No
118	GOM_NL__2PRFIN20110529_085358_000000473103_00050_48340_6537.N1	29-MAY-2011 08:53:58	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	48340	No
119	GOM_NL__2PRFIN20110529_085844_000000563103_00050_48340_6538.N1	29-MAY-2011 08:58:44	Bright	56.000	76	27Gam Cas	2.3000	30000.	112	48340	No
120	GOM_NL__2PRFIN20110529_090622_000000423103_00050_48340_6539.N1	29-MAY-2011 09:06:22	Bright	41.500	53	43Bet And	2.0480	3300.0	83	48340	No
121	GOM_NL__2PRFIN20110529_090859_000000503103_00050_48340_6540.N1	29-MAY-2011 09:08:59	Twilight_and_stray	49.500	58	21Alp And	2.0730	11000.	99	48340	No
122	GOM_NL__2PRFIN20110529_091347_000000483103_00050_48340_6541.N1	29-MAY-2011 09:13:47	Dark	48.000	140	88Gam Peg	2.8340	26000.	96	48340	No
123	GOM_NL__2PRFIN20110529_092243_000000473103_00050_48340_6542.N1	29-MAY-2011 09:22:43	Dark	46.500	52	16Bet Cet	2.0370	4500.0	93	48340	No
124	GOM_NL__2PRFIN20110529_093104_000000563103_00050_48340_6543.N1	29-MAY-2011 09:31:04	Dark	55.500	18	24Alp PsA	1.1660	9700.0	111	48340	No
125	GOM_NL__2PRFIN20110529_093434_000000513103_00051_48341_6574.N1	29-MAY-2011 09:34:34	Dark	50.500	63	Bet Gru	2.1500	2800.0	101	48341	No
126	GOM_NL__2PRFIN20110529_093624_000000453103_00051_48341_6575.N1	29-MAY-2011 09:36:24	Dark	45.000	31	Alp Gru	1.7340	15200.	90	48341	No
127	GOM_NL__2PRFIN20110529_094128_000000413103_00051_48341_6576.N1	29-MAY-2011 09:41:28	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	48341	No
128	GOM_NL__2PRFIN20110529_094901_000000413103_00051_48341_6577.N1	29-MAY-2011 09:49:01	Straylight	41.000	147	Alp Ara	2.8770	26000.	82	48341	No
129	GOM_NL__2PRFIN20110529_095041_000000473103_00051_48341_6578.N1	29-MAY-2011 09:50:41	Straylight	47.000	40	The Sco	1.8590	7100.0	94	48341	No
130	GOM_NL__2PRFIN20110529_095229_000000503103_00051_48341_6579.N1	29-MAY-2011 09:52:29	Twilight_and_stray	50.000	25	35Lam Sco	1.6200	28000.	100	48341	No
131	GOM_NL__2PRFIN20110529_095419_000000493103_00051_48341_6580.N1	29-MAY-2011 09:54:19	Twilight_and_stray	48.500	75	26Eps Sco	2.2910	4250.0	97	48341	No
132	GOM_NL__2PRFIN20110529_095622_000000433103_00051_48341_6581.N1	29-MAY-2011 09:56:22	Twilight_and_stray	43.000	136	23Tau Sco	2.8220	30000.	86	48341	No
133	GOM_NL__2PRFIN20110529_095829_000000413103_00051_48341_6582.N1	29-MAY-2011 09:58:29	Bright	40.500	80	7Del Sco	2.3160	30000.	81	48341	No
134	GOM_NL__2PRFIN20110529_100003_000000473103_00051_48341_6583.N1	29-MAY-2011 10:00:03	Bright	47.000	86	35Eta Oph	2.4300	10200.	94	48341	No
135	GOM_NL__2PRFIN20110529_100157_000000433103_00051_48341_6584.N1	29-MAY-2011 10:01:57	Bright	43.000	98	13Zet Oph	2.5710	30000.	86	48341	No
136	GOM_NL__2PRFIN20110529_100409_000000403103_00051_48341_6585.N1	29-MAY-2011 10:04:09	Bright	40.000	120	1Del Oph	2.7340	3200.0	80	48341	No
137	GOM_NL__2PRFIN20110529_100710_000000383103_00051_48341_6586.N1	29-MAY-2011 10:07:10	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	48341	No
138	GOM_NL__2PRFIN20110529_101305_000000403103_00051_48341_6587.N1	29-MAY-2011 10:13:05	Bright	39.500	67	5Alp CrB	2.2210	11000.	79	48341	No
139	GOM_NL__2PRFIN20110529_101554_000000463103_00051_48341_6588.N1	29-MAY-2011 10:15:54	Bright	45.500	133	40Zet Her	2.8070	6000.0	91	48341	No
140	GOM_NL__2PRFIN20110529_102343_000000473103_00051_48341_6589.N1	29-MAY-2011 10:23:43	Bright	46.500	119	14Eta Dra	2.7270	4700.0	93	48341	No
141	GOM_NL__2PRFIN20110529_103411_000000473103_00051_48341_6590.N1	29-MAY-2011 10:34:11	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	48341	No
142	GOM_NL__2PRFIN20110529_103858_000000523103_00051_48341_6591.N1	29-MAY-2011 10:38:58	Bright	52.000	76	27Gam Cas	2.3000	30000.	104	48341	No
143	GOM_NL__2PRFIN20110529_104636_000000443103_00051_48341_6592.N1	29-MAY-2011 10:46:36	Bright	44.000	53	43Bet And	2.0480	3300.0	88	48341	No
144	GOM_NL__2PRFIN20110529_104913_000000543103_00051_48341_6593.N1	29-MAY-2011 10:49:13	Twilight_and_stray	53.500	58	21Alp And	2.0730	11000.	107	48341	No
145	GOM_NL__2PRFIN20110529_105401_000000503103_00051_48341_6594.N1	29-MAY-2011 10:54:01	Dark	49.500	140	88Gam Peg	2.8340	26000.	99	48341	No
146	GOM_NL__2PRFIN20110529_110257_000000473103_00051_48341_6595.N1	29-MAY-2011 11:02:57	Dark	46.500	52	16Bet Cet	2.0370	4500.0	93	48341	No
147	GOM_NL__2PRFIN20110529_111119_000000583103_00051_48341_6596.N1	29-MAY-2011 11:11:19	Dark	57.500	18	24Alp PsA	1.1660	9700.0	115	48341	No
148	GOM_NL__2PRFIN20110529_111449_000000503103_00052_48342_7563.N1	29-MAY-2011 11:14:49	Dark	50.000	63	Bet Gru	2.1500	2800.0	100	48342	No
149	GOM_NL__2PRFIN20110529_111639_000000453103_00052_48342_7564.N1	29-MAY-2011 11:16:39	Dark	45.000	31	Alp Gru	1.7340	15200.	90	48342	No
150	GOM_NL__2PRFIN20110529_112143_000000433103_00052_48342_7565.N1	29-MAY-2011 11:21:43	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	48342	No
151	GOM_NL__2PRFIN20110529_112915_000000423103_00052_48342_7566.N1	29-MAY-2011 11:29:15	Straylight	42.000	147	Alp Ara	2.8770	26000.	84	48342	No
152	GOM_NL__2PRFIN20110529_113055_000000513103_00052_48342_7567.N1	29-MAY-2011 11:30:55	Straylight	50.500	40	The Sco	1.8590	7100.0	101	48342	No
153	GOM_NL__2PRFIN20110529_113244_000000523103_00052_48342_7568.N1	29-MAY-2011 11:32:44	Twilight_and_stray	51.500	25	35Lam Sco	1.6200	28000.	103	48342	No
154	GOM_NL__2PRFIN20110529_113433_000000493103_00052_48342_7569.N1	29-MAY-2011 11:34:33	Twilight_and_stray	48.500	75	26Eps Sco	2.2910	4250.0	97	48342	No
155	GOM_NL__2PRFIN20110529_113636_000000443103_00052_48342_7570.N1	29-MAY-2011 11:36:36	Twilight_and_stray	43.500	136	23Tau Sco	2.8220	30000.	87	48342	No
156	GOM_NL__2PRFIN20110529_113843_000000413103_00052_48342_7571.N1	29-MAY-2011 11:38:43	Bright	40.500	80	7Del Sco	2.3160	30000.	81	48342	No
157	GOM_NL__2PRFIN20110529_114017_000000483103_00052_48342_7572.N1	29-MAY-2011 11:40:17	Bright	47.500	86	35Eta Oph	2.4300	10200.	95	48342	No
158	GOM_NL__2PRFIN20110529_114210_000000413103_00052_48342_7573.N1	29-MAY-2011 11:42:10	Bright	41.000	98	13Zet Oph	2.5710	30000.	82	48342	No
159	GOM_NL__2PRFIN20110529_114423_000000413103_00052_48342_7574.N1	29-MAY-2011 11:44:23	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	48342	No
160	GOM_NL__2PRFIN20110529_114724_000000383103_00052_48342_7575.N1	29-MAY-2011 11:47:24	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	48342	No

161	GOM_NL__2PRFIN20110529_115319_000000553103_00052_48342_7576.N1	29-MAY-2011 11:53:19	Bright	55.000	67	5Alp CrB	2.2210	11000.	110	48342	No
162	GOM_NL__2PRFIN20110529_115608_000000463103_00052_48342_7577.N1	29-MAY-2011 11:56:08	Bright	45.500	133	40Zet Her	2.8070	6000.0	91	48342	No
163	GOM_NL__2PRFIN20110529_120356_000000393103_00052_48342_7578.N1	29-MAY-2011 12:03:56	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	48342	No
164	GOM_NL__2PRFIN20110529_121424_000000473103_00052_48342_7579.N1	29-MAY-2011 12:14:24	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	48342	No
165	GOM_NL__2PRFIN20110529_121912_000000563103_00052_48342_7580.N1	29-MAY-2011 12:19:12	Bright	56.000	76	27Gam Cas	2.3000	30000.	112	48342	No
166	GOM_NL__2PRFIN20110529_122650_000000433103_00052_48342_7581.N1	29-MAY-2011 12:26:50	Bright	42.500	53	43Bet And	2.0480	3300.0	85	48342	No
167	GOM_NL__2PRFIN20110529_122927_000000543103_00052_48342_7582.N1	29-MAY-2011 12:29:27	Twi_and_stray	54.000	58	21Alp And	2.0730	11000.	108	48342	No
168	GOM_NL__2PRFIN20110529_123415_000000503103_00052_48342_7583.N1	29-MAY-2011 12:34:15	Dark	49.500	140	88Gam Peg	2.8340	26000.	99	48342	No
169	GOM_NL__2PRFIN20110529_124312_000000473103_00052_48342_7584.N1	29-MAY-2011 12:43:12	Dark	47.000	52	16Bet Cet	2.0370	4500.0	94	48342	No
170	GOM_NL__2PRFIN20110529_125134_000000623103_00052_48342_7585.N1	29-MAY-2011 12:51:34	Dark	62.000	18	24Alp PsA	1.1660	9700.0	124	48342	No
171	GOM_NL__2PRFIN20110529_125504_000000563103_00053_48343_7590.N1	29-MAY-2011 12:55:04	Dark	56.000	63	Bet Gru	2.1500	2800.0	112	48343	No
172	GOM_NL__2PRFIN20110529_125653_000000473103_00053_48343_7591.N1	29-MAY-2011 12:56:53	Dark	46.500	31	Alp Gru	1.7340	15200.	93	48343	No
173	GOM_NL__2PRFIN20110529_130157_000000443103_00053_48343_7592.N1	29-MAY-2011 13:01:57	Straylight	43.500	45	Alp Pav	1.9400	26000.	87	48343	No
174	GOM_NL__2PRFIN20110529_130930_000000423103_00053_48343_7593.N1	29-MAY-2011 13:09:30	Straylight	42.000	147	Alp Ara	2.8770	26000.	84	48343	No
175	GOM_NL__2PRFIN20110529_131110_000000433103_00053_48343_7594.N1	29-MAY-2011 13:11:10	Straylight	43.000	40	The Sco	1.8590	7100.0	86	48343	No
176	GOM_NL__2PRFIN20110529_131258_000000483103_00053_48343_7595.N1	29-MAY-2011 13:12:58	Twi_and_stray	47.500	25	35Lam Sco	1.6200	28000.	95	48343	No
177	GOM_NL__2PRFIN20110529_131447_000000453103_00053_48343_7596.N1	29-MAY-2011 13:14:47	Twi_and_stray	44.500	75	26Eps Sco	2.2910	4250.0	89	48343	No
178	GOM_NL__2PRFIN20110529_131651_000000453103_00053_48343_7597.N1	29-MAY-2011 13:16:51	Twi_and_stray	45.000	136	23Tau Sco	2.8220	30000.	90	48343	No
179	GOM_NL__2PRFIN20110529_131857_000000423103_00053_48343_7598.N1	29-MAY-2011 13:18:57	Bright	42.000	80	7Del Sco	2.3160	30000.	84	48343	No
180	GOM_NL__2PRFIN20110529_132031_000000483103_00053_48343_7599.N1	29-MAY-2011 13:20:31	Bright	47.500	86	35Eta Oph	2.4300	10200.	95	48343	No
181	GOM_NL__2PRFIN20110529_132224_000000433103_00053_48343_7600.N1	29-MAY-2011 13:22:24	Bright	43.000	98	13Zet Oph	2.5710	30000.	86	48343	No
182	GOM_NL__2PRFIN20110529_132437_000000413103_00053_48343_7601.N1	29-MAY-2011 13:24:37	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	48343	No
183	GOM_NL__2PRFIN20110529_132738_000000383103_00053_48343_7602.N1	29-MAY-2011 13:27:38	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	48343	No
184	GOM_NL__2PRFIN20110529_133333_000000473103_00053_48343_7603.N1	29-MAY-2011 13:33:33	Bright	47.000	67	5Alp CrB	2.2210	11000.	94	48343	No
185	GOM_NL__2PRFIN20110529_133621_000000433103_00053_48343_7604.N1	29-MAY-2011 13:36:21	Bright	42.500	133	40Zet Her	2.8070	6000.0	85	48343	No
186	GOM_NL__2PRFIN20110529_134410_000000383103_00053_48343_7605.N1	29-MAY-2011 13:44:10	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	48343	No
187	GOM_NL__2PRFIN20110529_135438_000000473103_00053_48343_7606.N1	29-MAY-2011 13:54:38	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	48343	No
188	GOM_NL__2PRFIN20110529_135926_000000483103_00053_48343_7607.N1	29-MAY-2011 13:59:26	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	48343	No
189	GOM_NL__2PRFIN20110529_140704_000000423103_00053_48343_7608.N1	29-MAY-2011 14:07:04	Bright	42.000	53	43Bet And	2.0480	3300.0	84	48343	No
190	GOM_NL__2PRFIN20110529_140941_000000543103_00053_48343_7609.N1	29-MAY-2011 14:09:41	Twi_and_stray	53.500	58	21Alp And	2.0730	11000.	107	48343	No
191	GOM_NL__2PRFIN20110529_141430_000000493103_00053_48343_7610.N1	29-MAY-2011 14:14:30	Dark	48.500	140	88Gam Peg	2.8340	26000.	97	48343	No
192	GOM_NL__2PRFIN20110529_142326_000000463103_00053_48343_7611.N1	29-MAY-2011 14:23:26	Dark	46.000	52	16Bet Cet	2.0370	4500.0	92	48343	No
193	GOM_NL__2PRFIN20110529_143149_000000653103_00053_48343_7612.N1	29-MAY-2011 14:31:49	Dark	65.000	18	24Alp PsA	1.1660	9700.0	130	48343	No
194	GOM_NL__2PRFIN20110529_143518_000000623103_00054_48344_6843.N1	29-MAY-2011 14:35:18	Dark	62.000	63	Bet Gru	2.1500	2800.0	124	48344	No
195	GOM_NL__2PRFIN20110529_143708_000000463103_00054_48344_6844.N1	29-MAY-2011 14:37:08	Dark	46.000	31	Alp Gru	1.7340	15200.	92	48344	No
196	GOM_NL__2PRFIN20110529_144212_000000433103_00054_48344_6845.N1	29-MAY-2011 14:42:12	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	48344	No
197	GOM_NL__2PRFIN20110529_144944_000000413103_00054_48344_6846.N1	29-MAY-2011 14:49:44	Straylight	40.500	147	Alp Ara	2.8770	26000.	81	48344	No
198	GOM_NL__2PRFIN20110529_145124_000000503103_00054_48344_6847.N1	29-MAY-2011 14:51:24	Straylight	49.500	40	The Sco	1.8590	7100.0	99	48344	No
199	GOM_NL__2PRFIN20110529_145312_000000483103_00054_48344_6848.N1	29-MAY-2011 14:53:12	Twi_and_stray	47.500	25	35Lam Sco	1.6200	28000.	95	48344	No
200	GOM_NL__2PRFIN20110529_145502_000000473103_00054_48344_6849.N1	29-MAY-2011 14:55:02	Twi_and_stray	47.000	75	26Eps Sco	2.2910	4250.0	94	48344	No
201	GOM_NL__2PRFIN20110529_145705_000000473103_00054_48344_6850.N1	29-MAY-2011 14:57:05	Twi_and_stray	46.500	136	23Tau Sco	2.8220	30000.	93	48344	No
202	GOM_NL__2PRFIN20110529_145911_000000413103_00054_48344_6851.N1	29-MAY-2011 14:59:11	Bright	41.000	80	7Del Sco	2.3160	30000.	82	48344	No
203	GOM_NL__2PRFIN20110529_150045_000000473103_00054_48344_6852.N1	29-MAY-2011 15:00:45	Bright	47.000	86	35Eta Oph	2.4300	10200.	94	48344	No
204	GOM_NL__2PRFIN20110529_150239_000000433103_00054_48344_6853.N1	29-MAY-2011 15:02:39	Bright	43.000	98	13Zet Oph	2.5710	30000.	86	48344	No
205	GOM_NL__2PRFIN20110529_150451_000000413103_00054_48344_6854.N1	29-MAY-2011 15:04:51	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	48344	No
206	GOM_NL__2PRFIN20110529_150752_000000553103_00054_48344_6855.N1	29-MAY-2011 15:07:52	Bright	55.000	102	24Alp Ser	2.6000	4250.0	110	48344	No
207	GOM_NL__2PRFIN20110529_151347_000000373103_00054_48344_6856.N1	29-MAY-2011 15:13:47	Bright	37.000	67	5Alp CrB	2.2210	11000.	74	48344	No
208	GOM_NL__2PRFIN20110529_151635_000000453103_00054_48344_6857.N1	29-MAY-2011 15:16:35	Bright	45.000	133	40Zet Her	2.8070	6000.0	90	48344	No
209	GOM_NL__2PRFIN20110529_152424_000000403103_00054_48344_6858.N1	29-MAY-2011 15:24:24	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	48344	No
210	GOM_NL__2PRFIN20110529_153452_000000483103_00054_48344_6859.N1	29-MAY-2011 15:34:52	Bright	47.500	89	5Alp Cep	2.4510	8000.0	95	48344	No
211	GOM_NL__2PRFIN20110529_153940_000000473103_00054_48344_6860.N1	29-MAY-2011 15:39:40	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	48344	No
212	GOM_NL__2PRFIN20110529_154718_000000413103_00054_48344_6861.N1	29-MAY-2011 15:47:18	Bright	40.500	53	43Bet And	2.0480	3300.0	81	48344	No
213	GOM_NL__2PRFIN20110529_154956_000000533103_00054_48344_6862.N1	29-MAY-2011 15:49:56	Twi_and_stray	52.500	58	21Alp And	2.0730	11000.	105	48344	No
214	GOM_NL__2PRFIN20110529_155445_000000493103_00054_48344_6863.N1	29-MAY-2011 15:54:45	Dark	48.500	140	88Gam Peg	2.8340	26000.	97	48344	No
215	GOM_NL__2PRFIN20110529_160341_000000493103_00054_48344_6864.N1	29-MAY-2011 16:03:41	Dark	49.000	52	16Bet Cet	2.0370	4500.0	98	48344	No
216	GOM_NL__2PRFIN20110529_161205_000000523103_00054_48344_6865.N1	29-MAY-2011 16:12:05	Dark	51.500	18	24Alp PsA	1.1660	9700.0	103	48344	No
217	GOM_NL__2PRFIN20110529_161533_000000573103_00055_48345_6894.N1	29-MAY-2011 16:15:33	Dark	57.000	63	Bet Gru	2.1500	2800.0	114	48345	No
218	GOM_NL__2PRFIN20110529_161723_000000463103_00055_48345_6895.N1	29-MAY-2011 16:17:23	Dark	45.500	31	Alp Gru	1.7340	15200.	91	48345	No
219	GOM_NL__2PRFIN20110529_162227_000000443103_00055_48345_6896.N1	29-MAY-2011 16:22:27	Straylight	43.500	45	Alp Pav	1.9400	26000.	87	48345	No

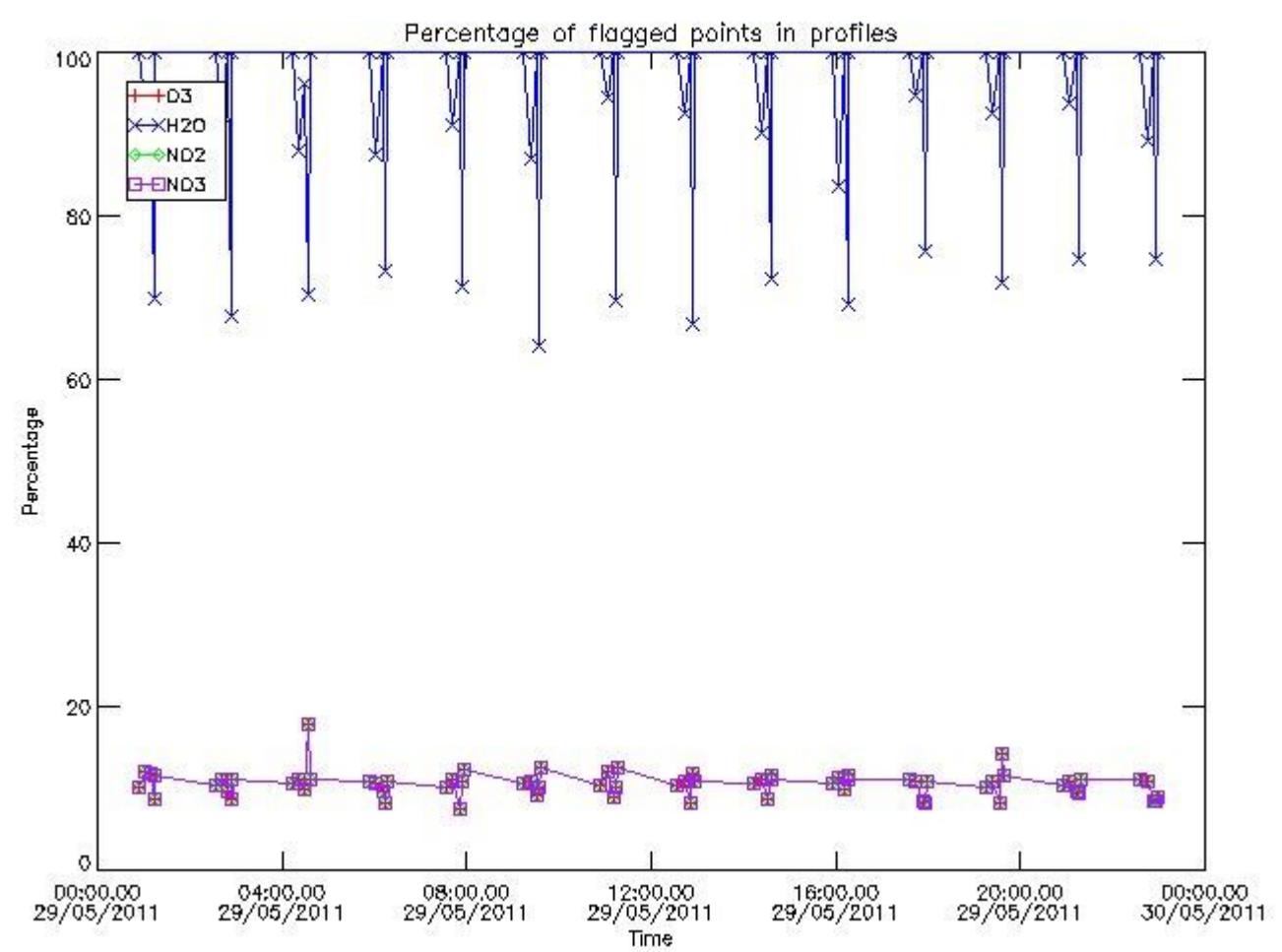
220	GOM_NL__2PRFIN20110529_162959_000000403103_00055_48345_6897.N1	29-MAY-2011 16:29:59	Straylight	40.000	147	Alp Ara	2.8770	26000.	80	48345	No
221	GOM_NL__2PRFIN20110529_163139_000000443103_00055_48345_6898.N1	29-MAY-2011 16:31:39	Straylight	43.500	40	The Sco	1.8590	7100.0	87	48345	No
222	GOM_NL__2PRFIN20110529_163327_000000493103_00055_48345_6899.N1	29-MAY-2011 16:33:27	Tw_i_and_stray	48.500	25	35Lam Sco	1.6200	28000.	97	48345	No
223	GOM_NL__2PRFIN20110529_163516_000000483103_00055_48345_6900.N1	29-MAY-2011 16:35:16	Tw_i_and_stray	47.500	75	26Eps Sco	2.2910	4250.0	95	48345	No
224	GOM_NL__2PRFIN20110529_163719_000000423103_00055_48345_6901.N1	29-MAY-2011 16:37:19	Tw_i_and_stray	41.500	136	23Tau Sco	2.8220	30000.	83	48345	No
225	GOM_NL__2PRFIN20110529_163925_000000423103_00055_48345_6902.N1	29-MAY-2011 16:39:25	Bright	41.500	80	7Del Sco	2.3160	30000.	83	48345	No
226	GOM_NL__2PRFIN20110529_164059_000000483103_00055_48345_6903.N1	29-MAY-2011 16:40:59	Bright	48.000	86	35Eta Oph	2.4300	10200.	96	48345	No
227	GOM_NL__2PRFIN20110529_164252_000000443103_00055_48345_6904.N1	29-MAY-2011 16:42:52	Bright	43.500	98	13Zet Oph	2.5710	30000.	87	48345	No
228	GOM_NL__2PRFIN20110529_164505_000000413103_00055_48345_6905.N1	29-MAY-2011 16:45:05	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	48345	No
229	GOM_NL__2PRFIN20110529_164805_000000553103_00055_48345_6906.N1	29-MAY-2011 16:48:05	Bright	55.000	102	24Alp Ser	2.6000	4250.0	110	48345	No
230	GOM_NL__2PRFIN20110529_165401_000000393103_00055_48345_6907.N1	29-MAY-2011 16:54:01	Bright	39.000	67	5Alp CrB	2.2210	11000.	78	48345	No
231	GOM_NL__2PRFIN20110529_165648_000000463103_00055_48345_6908.N1	29-MAY-2011 16:56:48	Bright	45.500	133	40Zet Her	2.8070	6000.0	91	48345	No
232	GOM_NL__2PRFIN20110529_170438_000000423103_00055_48345_6909.N1	29-MAY-2011 17:04:38	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	48345	No
233	GOM_NL__2PRFIN20110529_171505_000000693103_00055_48345_6910.N1	29-MAY-2011 17:15:05	Bright	69.000	89	5Alp Cep	2.4510	8000.0	138	48345	No
234	GOM_NL__2PRFIN20110529_171953_000000453103_00055_48345_6911.N1	29-MAY-2011 17:19:53	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	48345	No
235	GOM_NL__2PRFIN20110529_172732_000000423103_00055_48345_6912.N1	29-MAY-2011 17:27:32	Bright	42.000	53	43Bet And	2.0480	3300.0	84	48345	No
236	GOM_NL__2PRFIN20110529_173010_000000543103_00055_48345_6913.N1	29-MAY-2011 17:30:10	Tw_i_and_stray	54.000	58	21Alp And	2.0730	11000.	108	48345	No
237	GOM_NL__2PRFIN20110529_173459_000000513103_00055_48345_6914.N1	29-MAY-2011 17:34:59	Dark	51.000	140	88Gam Peg	2.8340	26000.	102	48345	No
238	GOM_NL__2PRFIN20110529_174356_000000483103_00055_48345_6915.N1	29-MAY-2011 17:43:56	Dark	47.500	52	16Bet Cet	2.0370	4500.0	95	48345	No
239	GOM_NL__2PRFIN20110529_175220_000000613103_00055_48345_6916.N1	29-MAY-2011 17:52:20	Dark	61.000	18	24Alp PsA	1.1660	9700.0	122	48345	No
240	GOM_NL__2PRFIN20110529_175548_000000623103_00056_48346_6964.N1	29-MAY-2011 17:55:48	Dark	62.000	63	Bet Gru	2.1500	2800.0	124	48346	No
241	GOM_NL__2PRFIN20110529_175738_000000473103_00056_48346_6965.N1	29-MAY-2011 17:57:38	Dark	47.000	31	Alp Gru	1.7340	15200.	94	48346	No
242	GOM_NL__2PRFIN20110529_180242_000000433103_00056_48346_6966.N1	29-MAY-2011 18:02:42	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	48346	No
243	GOM_NL__2PRFIN20110529_181013_000000413103_00056_48346_6967.N1	29-MAY-2011 18:10:13	Straylight	40.500	147	Alp Ara	2.8770	26000.	81	48346	No
244	GOM_NL__2PRFIN20110529_181153_000000533103_00056_48346_6968.N1	29-MAY-2011 18:11:53	Straylight	53.000	40	The Sco	1.8590	7100.0	106	48346	No
245	GOM_NL__2PRFIN20110529_181341_000000493103_00056_48346_6969.N1	29-MAY-2011 18:13:41	Tw_i_and_stray	48.500	25	35Lam Sco	1.6200	28000.	97	48346	No
246	GOM_NL__2PRFIN20110529_181530_000000473103_00056_48346_6970.N1	29-MAY-2011 18:15:30	Tw_i_and_stray	47.000	75	26Eps Sco	2.2910	4250.0	94	48346	No
247	GOM_NL__2PRFIN20110529_181733_000000433103_00056_48346_6971.N1	29-MAY-2011 18:17:33	Tw_i_and_stray	42.500	136	23Tau Sco	2.8220	30000.	85	48346	No
248	GOM_NL__2PRFIN20110529_181940_000000423103_00056_48346_6972.N1	29-MAY-2011 18:19:40	Bright	42.000	80	7Del Sco	2.3160	30000.	84	48346	No
249	GOM_NL__2PRFIN20110529_182113_000000473103_00056_48346_6973.N1	29-MAY-2011 18:21:13	Bright	47.000	86	35Eta Oph	2.4300	10200.	94	48346	No
250	GOM_NL__2PRFIN20110529_182306_000000433103_00056_48346_6974.N1	29-MAY-2011 18:23:06	Bright	43.000	98	13Zet Oph	2.5710	30000.	86	48346	No
251	GOM_NL__2PRFIN20110529_182519_000000413103_00056_48346_6975.N1	29-MAY-2011 18:25:19	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	48346	No
252	GOM_NL__2PRFIN20110529_182820_000000383103_00056_48346_6976.N1	29-MAY-2011 18:28:20	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	48346	No
253	GOM_NL__2PRFIN20110529_183415_000000403103_00056_48346_6977.N1	29-MAY-2011 18:34:15	Bright	40.000	67	5Alp CrB	2.2210	11000.	80	48346	No
254	GOM_NL__2PRFIN20110529_183702_000000463103_00056_48346_6978.N1	29-MAY-2011 18:37:02	Bright	46.000	133	40Zet Her	2.8070	6000.0	92	48346	No
255	GOM_NL__2PRFIN20110529_184451_000000383103_00056_48346_6979.N1	29-MAY-2011 18:44:51	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	48346	No
256	GOM_NL__2PRFIN20110529_185518_000000463103_00056_48346_6980.N1	29-MAY-2011 18:55:18	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	48346	No
257	GOM_NL__2PRFIN20110529_190007_000000563103_00056_48346_6981.N1	29-MAY-2011 19:00:07	Bright	56.000	76	27Gam Cas	2.3000	30000.	112	48346	No
258	GOM_NL__2PRFIN20110529_190746_000000443103_00056_48346_6982.N1	29-MAY-2011 19:07:46	Bright	44.000	53	43Bet And	2.0480	3300.0	88	48346	No
259	GOM_NL__2PRFIN20110529_191024_000000513103_00056_48346_6983.N1	29-MAY-2011 19:10:24	Tw_i_and_stray	51.000	58	21Alp And	2.0730	11000.	102	48346	No
260	GOM_NL__2PRFIN20110529_191513_000000513103_00056_48346_6984.N1	29-MAY-2011 19:15:13	Dark	50.500	140	88Gam Peg	2.8340	26000.	101	48346	No
261	GOM_NL__2PRFIN20110529_192410_000000483103_00056_48346_6985.N1	29-MAY-2011 19:24:10	Dark	47.500	52	16Bet Cet	2.0370	4500.0	95	48346	No
262	GOM_NL__2PRFIN20110529_193235_000000623103_00056_48346_6986.N1	29-MAY-2011 19:32:35	Dark	62.000	18	24Alp PsA	1.1660	9700.0	124	48346	No
263	GOM_NL__2PRFIN20110529_193603_000000613103_00057_48347_7107.N1	29-MAY-2011 19:36:03	Dark	60.500	63	Bet Gru	2.1500	2800.0	121	48347	No
264	GOM_NL__2PRFIN20110529_193753_000000453103_00057_48347_7108.N1	29-MAY-2011 19:37:53	Dark	44.500	31	Alp Gru	1.7340	15200.	89	48347	No
265	GOM_NL__2PRFIN20110529_194256_000000433103_00057_48347_7109.N1	29-MAY-2011 19:42:56	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	48347	No
266	GOM_NL__2PRFIN20110529_195027_000000413103_00057_48347_7110.N1	29-MAY-2011 19:50:27	Straylight	40.500	147	Alp Ara	2.8770	26000.	81	48347	No
267	GOM_NL__2PRFIN20110529_195208_000000493103_00057_48347_7111.N1	29-MAY-2011 19:52:08	Straylight	48.500	40	The Sco	1.8590	7100.0	97	48347	No
268	GOM_NL__2PRFIN20110529_195356_000000513103_00057_48347_7112.N1	29-MAY-2011 19:53:56	Tw_i_and_stray	50.500	25	35Lam Sco	1.6200	28000.	101	48347	No
269	GOM_NL__2PRFIN20110529_195545_000000463103_00057_48347_7113.N1	29-MAY-2011 19:55:45	Tw_i_and_stray	45.500	75	26Eps Sco	2.2910	4250.0	91	48347	No
270	GOM_NL__2PRFIN20110529_195748_000000423103_00057_48347_7114.N1	29-MAY-2011 19:57:48	Tw_i_and_stray	42.000	136	23Tau Sco	2.8220	30000.	84	48347	No
271	GOM_NL__2PRFIN20110529_195954_000000413103_00057_48347_7115.N1	29-MAY-2011 19:59:54	Bright	40.500	80	7Del Sco	2.3160	30000.	81	48347	No
272	GOM_NL__2PRFIN20110529_200128_000000473103_00057_48347_7116.N1	29-MAY-2011 20:01:28	Bright	47.000	86	35Eta Oph	2.4300	10200.	94	48347	No
273	GOM_NL__2PRFIN20110529_200320_000000433103_00057_48347_7117.N1	29-MAY-2011 20:03:20	Bright	42.500	98	13Zet Oph	2.5710	30000.	85	48347	No
274	GOM_NL__2PRFIN20110529_200533_000000413103_00057_48347_7118.N1	29-MAY-2011 20:05:33	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	48347	No
275	GOM_NL__2PRFIN20110529_200834_000000383103_00057_48347_7119.N1	29-MAY-2011 20:08:34	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	48347	No
276	GOM_NL__2PRFIN20110529_201428_000000393103_00057_48347_7120.N1	29-MAY-2011 20:14:28	Bright	38.500	67	5Alp CrB	2.2210	11000.	77	48347	No
277	GOM_NL__2PRFIN20110529_201715_000000423103_00057_48347_7121.N1	29-MAY-2011 20:17:15	Bright	41.500	133	40Zet Her	2.8070	6000.0	83	48347	No
278	GOM_NL__2PRFIN20110529_202505_000000413103_00057_48347_7122.N1	29-MAY-2011 20:25:05	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	48347	No

279	GOM_NL__2PRFIN20110529_203532_000000483103_00057_48347_7123.N1	29-MAY-2011 20:35:32	Bright	47.500	89	5Alp Cep	2.4510	8000.0	95	48347	No
280	GOM_NL__2PRFIN20110529_204021_000000373103_00057_48347_7124.N1	29-MAY-2011 20:40:21	Bright	36.500	76	27Gam Cas	2.3000	30000.	73	48347	No
281	GOM_NL__2PRFIN20110529_204800_000000433103_00057_48347_7125.N1	29-MAY-2011 20:48:00	Bright	42.500	53	43Bet And	2.0480	3300.0	85	48347	No
282	GOM_NL__2PRFIN20110529_205038_000000543103_00057_48347_7126.N1	29-MAY-2011 20:50:38	Twilight	53.500	58	21Alp And	2.0730	11000.	107	48347	No
283	GOM_NL__2PRFIN20110529_205528_000000493103_00057_48347_7127.N1	29-MAY-2011 20:55:28	Dark	49.000	140	88Gam Peg	2.8340	26000.	98	48347	No
284	GOM_NL__2PRFIN20110529_210425_000000483103_00057_48347_7128.N1	29-MAY-2011 21:04:25	Dark	47.500	52	16Bet Cet	2.0370	4500.0	95	48347	No
285	GOM_NL__2PRFIN20110529_211250_000000533103_00057_48347_7129.N1	29-MAY-2011 21:12:50	Dark	53.000	18	24Alp PsA	1.1660	9700.0	106	48347	No
286	GOM_NL__2PRFIN20110529_211618_000000543103_00058_48348_7126.N1	29-MAY-2011 21:16:18	Dark	54.000	63	Bet Gru	2.1500	2800.0	108	48348	No
287	GOM_NL__2PRFIN20110529_211808_000000463103_00058_48348_7127.N1	29-MAY-2011 21:18:08	Dark	45.500	31	Alp Gru	1.7340	15200.	91	48348	No
288	GOM_NL__2PRFIN20110529_212311_000000453103_00058_48348_7128.N1	29-MAY-2011 21:23:11	Straylight	45.000	45	Alp Pav	1.9400	26000.	90	48348	No
289	GOM_NL__2PRFIN20110529_213042_000000423103_00058_48348_7129.N1	29-MAY-2011 21:30:42	Straylight	41.500	147	Alp Ara	2.8770	26000.	83	48348	No
290	GOM_NL__2PRFIN20110529_213222_000000513103_00058_48348_7130.N1	29-MAY-2011 21:32:22	Straylight	51.000	40	The Sco	1.8590	7100.0	102	48348	No
291	GOM_NL__2PRFIN20110529_213410_000000493103_00058_48348_7131.N1	29-MAY-2011 21:34:10	Twilight	49.000	25	35Lam Sco	1.6200	28000.	98	48348	No
292	GOM_NL__2PRFIN20110529_213559_000000453103_00058_48348_7132.N1	29-MAY-2011 21:35:59	Twilight	44.500	75	26Eps Sco	2.2910	4250.0	89	48348	No
293	GOM_NL__2PRFIN20110529_213802_000000423103_00058_48348_7133.N1	29-MAY-2011 21:38:02	Twilight	42.000	136	23Tau Sco	2.8220	30000.	84	48348	No
294	GOM_NL__2PRFIN20110529_214008_000000403103_00058_48348_7134.N1	29-MAY-2011 21:40:08	Bright	40.000	80	7Del Sco	2.3160	30000.	80	48348	No
295	GOM_NL__2PRFIN20110529_214142_000000473103_00058_48348_7135.N1	29-MAY-2011 21:41:42	Bright	46.500	86	35Eta Oph	2.4300	10200.	93	48348	No
296	GOM_NL__2PRFIN20110529_214335_000000433103_00058_48348_7136.N1	29-MAY-2011 21:43:35	Bright	42.500	98	13Zet Oph	2.5710	30000.	85	48348	No
297	GOM_NL__2PRFIN20110529_214547_000000413103_00058_48348_7137.N1	29-MAY-2011 21:45:47	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	48348	No
298	GOM_NL__2PRFIN20110529_214847_000000383103_00058_48348_7138.N1	29-MAY-2011 21:48:47	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	48348	No
299	GOM_NL__2PRFIN20110529_215442_000000373103_00058_48348_7139.N1	29-MAY-2011 21:54:42	Bright	37.000	67	5Alp CrB	2.2210	11000.	74	48348	No
300	GOM_NL__2PRFIN20110529_215728_000000433103_00058_48348_7140.N1	29-MAY-2011 21:57:28	Bright	43.000	133	40Zet Her	2.8070	6000.0	86	48348	No
301	GOM_NL__2PRFIN20110529_220519_000000403103_00058_48348_7141.N1	29-MAY-2011 22:05:19	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	48348	No
302	GOM_NL__2PRFIN20110529_221545_000000473103_00058_48348_7142.N1	29-MAY-2011 22:15:45	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	48348	No
303	GOM_NL__2PRFIN20110529_222035_000000403103_00058_48348_7143.N1	29-MAY-2011 22:20:35	Bright	39.500	76	27Gam Cas	2.3000	30000.	79	48348	No
304	GOM_NL__2PRFIN20110529_222814_000000443103_00058_48348_7144.N1	29-MAY-2011 22:28:14	Bright	44.000	53	43Bet And	2.0480	3300.0	88	48348	No
305	GOM_NL__2PRFIN20110529_223052_000000533103_00058_48348_7145.N1	29-MAY-2011 22:30:52	Twilight	53.000	58	21Alp And	2.0730	11000.	106	48348	No
306	GOM_NL__2PRFIN20110529_223542_000000513103_00058_48348_7146.N1	29-MAY-2011 22:35:42	Dark	50.500	140	88Gam Peg	2.8340	26000.	101	48348	No
307	GOM_NL__2PRFIN20110529_224439_000000473103_00058_48348_7147.N1	29-MAY-2011 22:44:39	Dark	46.500	52	16Bet Cet	2.0370	4500.0	93	48348	No
308	GOM_NL__2PRFIN20110529_225305_000000613103_00058_48348_7148.N1	29-MAY-2011 22:53:05	Dark	61.000	18	24Alp PsA	1.1660	9700.0	122	48348	No
309	GOM_NL__2PRFIN20110529_225633_000000603103_00059_48349_7136.N1	29-MAY-2011 22:56:33	Dark	60.000	63	Bet Gru	2.1500	2800.0	120	48349	No
310	GOM_NL__2PRFIN20110529_225823_000000573103_00059_48349_7137.N1	29-MAY-2011 22:58:23	Dark	56.500	31	Alp Gru	1.7340	15200.	113	48349	No
311	GOM_NL__2PRFIN20110529_230325_000000463103_00059_48349_7138.N1	29-MAY-2011 23:03:25	Straylight	45.500	45	Alp Pav	1.9400	26000.	91	48349	No
312	GOM_NL__2PRFIN20110529_231056_000000423103_00059_48349_7139.N1	29-MAY-2011 23:10:56	Straylight	41.500	147	Alp Ara	2.8770	26000.	83	48349	No
313	GOM_NL__2PRFIN20110529_231236_000000493103_00059_48349_7140.N1	29-MAY-2011 23:12:36	Straylight	49.000	40	The Sco	1.8590	7100.0	98	48349	No
314	GOM_NL__2PRFIN20110529_231424_000000493103_00059_48349_7141.N1	29-MAY-2011 23:14:24	Twilight	48.500	25	35Lam Sco	1.6200	28000.	97	48349	No
315	GOM_NL__2PRFIN20110529_231613_000000473103_00059_48349_7142.N1	29-MAY-2011 23:16:13	Twilight	47.000	75	26Eps Sco	2.2910	4250.0	94	48349	No
316	GOM_NL__2PRFIN20110529_231816_000000433103_00059_48349_7143.N1	29-MAY-2011 23:18:16	Bright	43.000	136	23Tau Sco	2.8220	30000.	86	48349	No
317	GOM_NL__2PRFIN20110529_232022_000000413103_00059_48349_7144.N1	29-MAY-2011 23:20:22	Bright	40.500	80	7Del Sco	2.3160	30000.	81	48349	No
318	GOM_NL__2PRFIN20110529_232156_000000483103_00059_48349_7145.N1	29-MAY-2011 23:21:56	Bright	47.500	86	35Eta Oph	2.4300	10200.	95	48349	No
319	GOM_NL__2PRFIN20110529_232348_000000433103_00059_48349_7146.N1	29-MAY-2011 23:23:48	Bright	43.000	98	13Zet Oph	2.5710	30000.	86	48349	No
320	GOM_NL__2PRFIN20110529_232600_000000413103_00059_48349_7147.N1	29-MAY-2011 23:26:00	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	48349	No
321	GOM_NL__2PRFIN20110529_232901_000000383103_00059_48349_7148.N1	29-MAY-2011 23:29:01	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	48349	No
322	GOM_NL__2PRFIN20110529_233456_000000393103_00059_48349_7149.N1	29-MAY-2011 23:34:56	Bright	39.000	67	5Alp CrB	2.2210	11000.	78	48349	No
323	GOM_NL__2PRFIN20110529_233742_000000653103_00059_48349_7150.N1	29-MAY-2011 23:37:42	Bright	65.000	133	40Zet Her	2.8070	6000.0	130	48349	No
324	GOM_NL__2PRFIN20110529_234532_000000403103_00059_48349_7151.N1	29-MAY-2011 23:45:32	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	48349	No
325	GOM_NL__2PRFIN20110529_235558_000000473103_00059_48349_7152.N1	29-MAY-2011 23:55:58	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	48349	No

3. Quality information per product

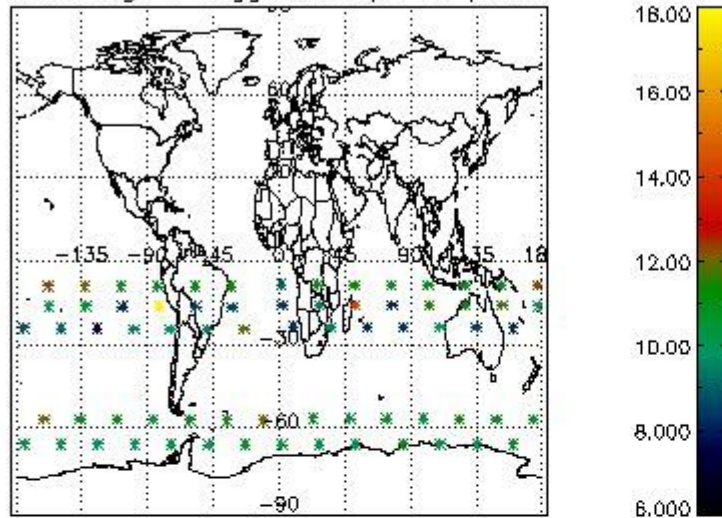
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

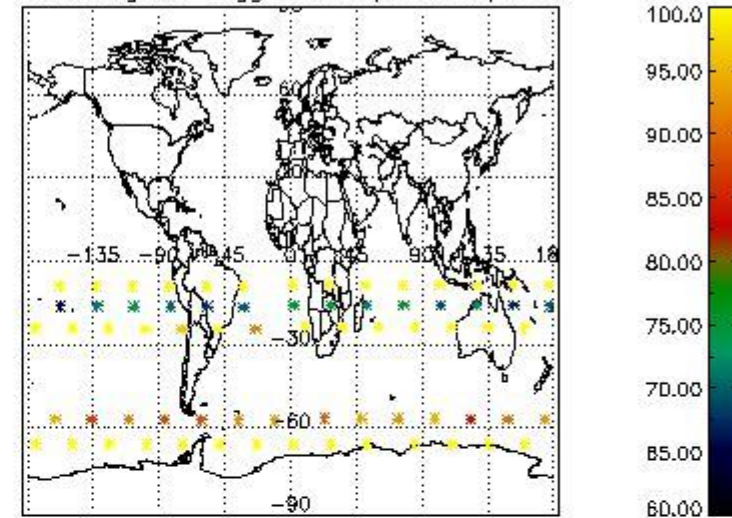


3.2 Plot quality information per product (world map)

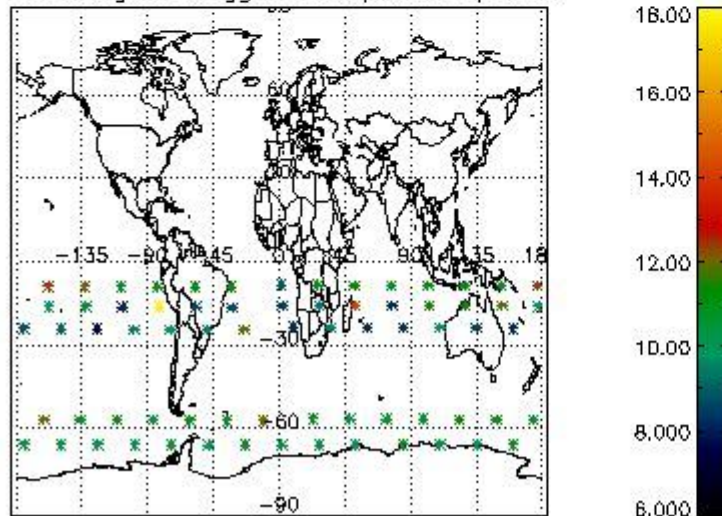
Percentage of flagged data per O3 profile



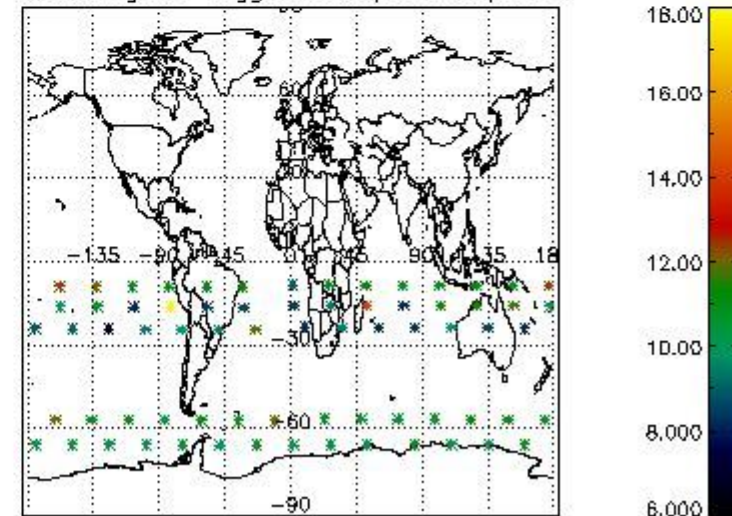
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

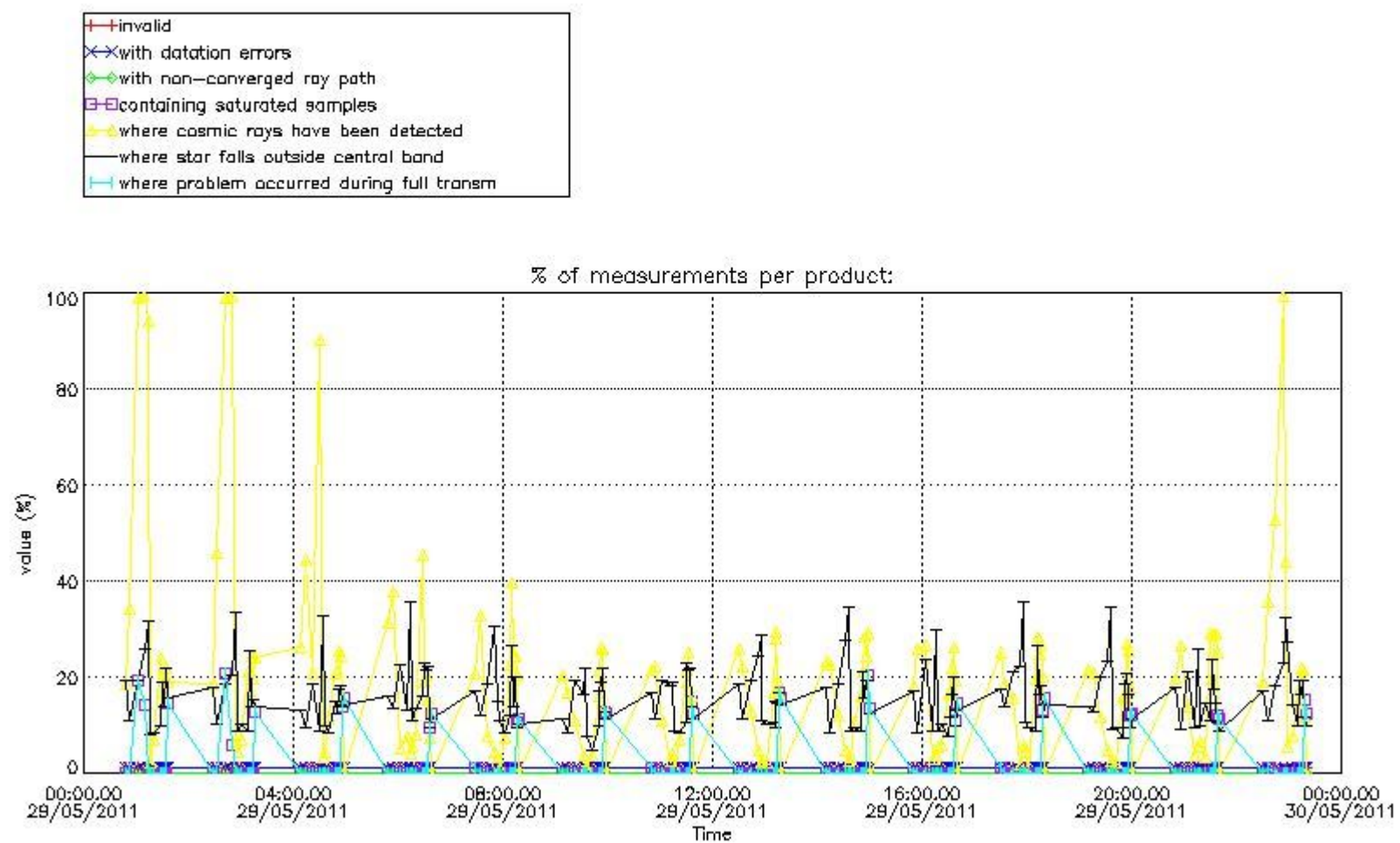


4. Level 1 quality information per product

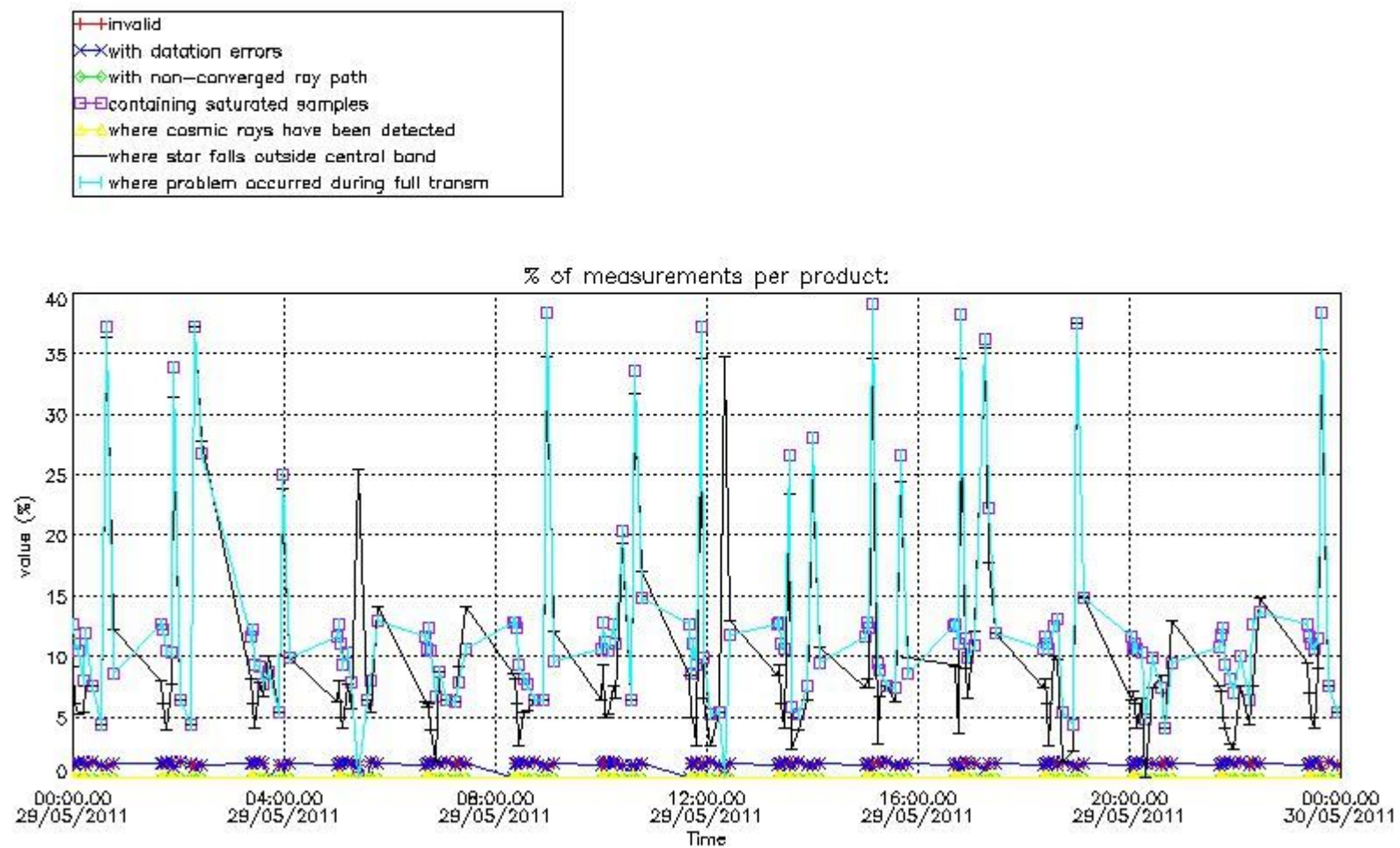
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

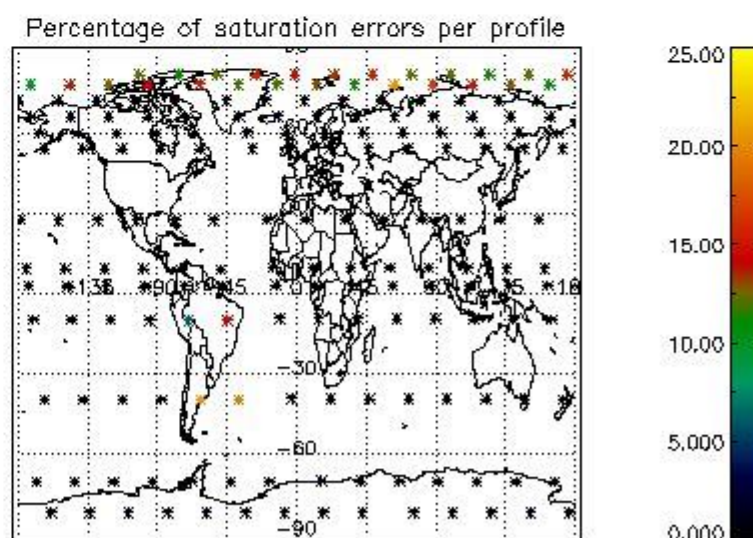
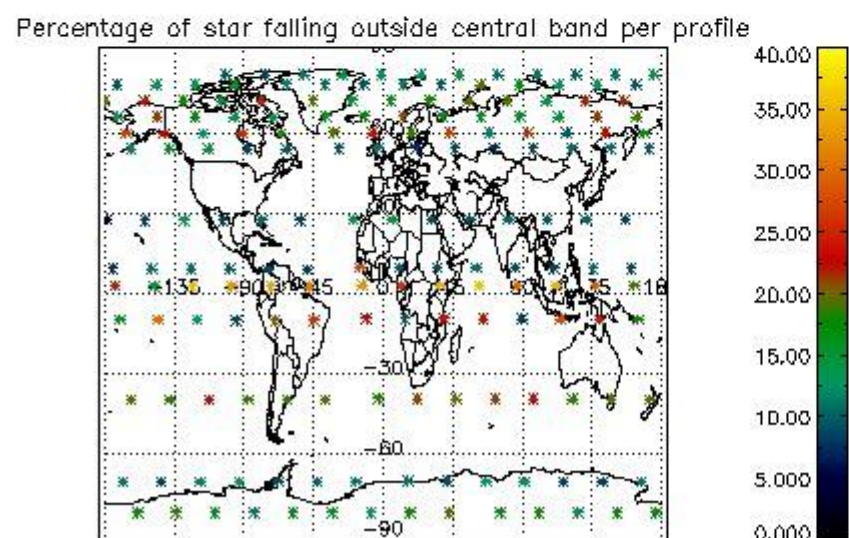
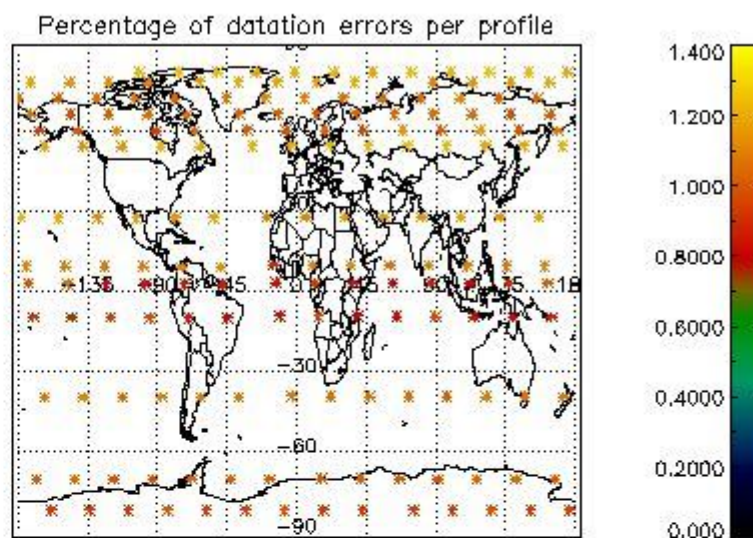
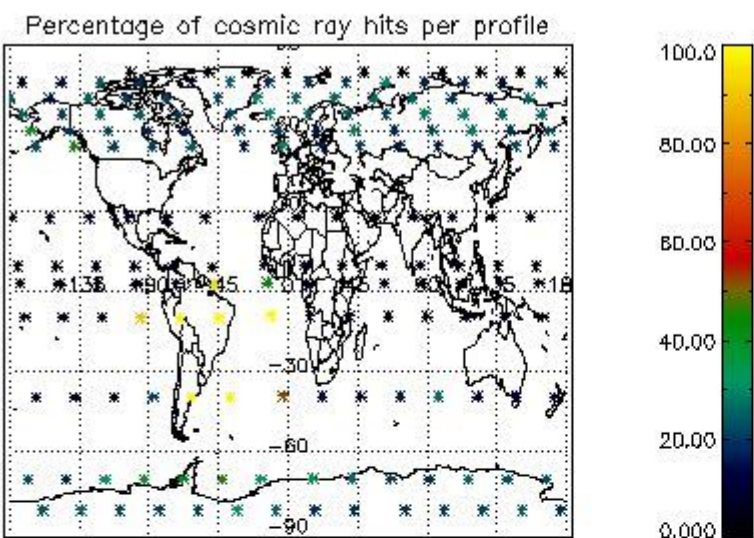


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

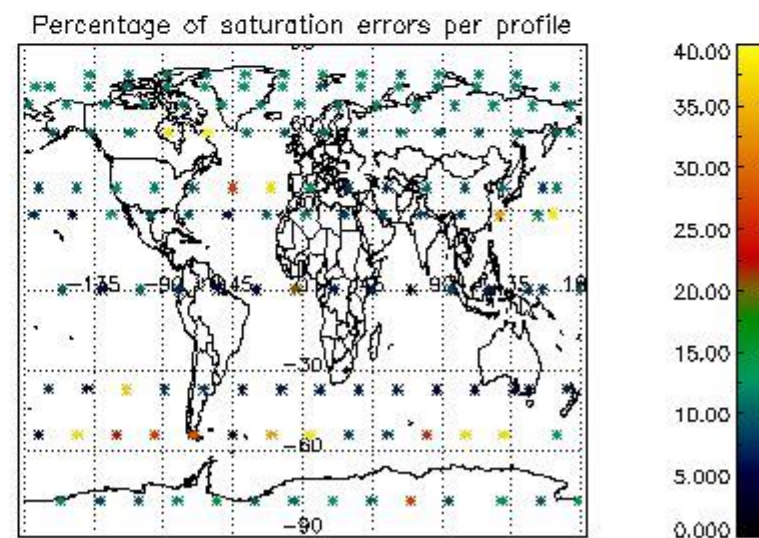
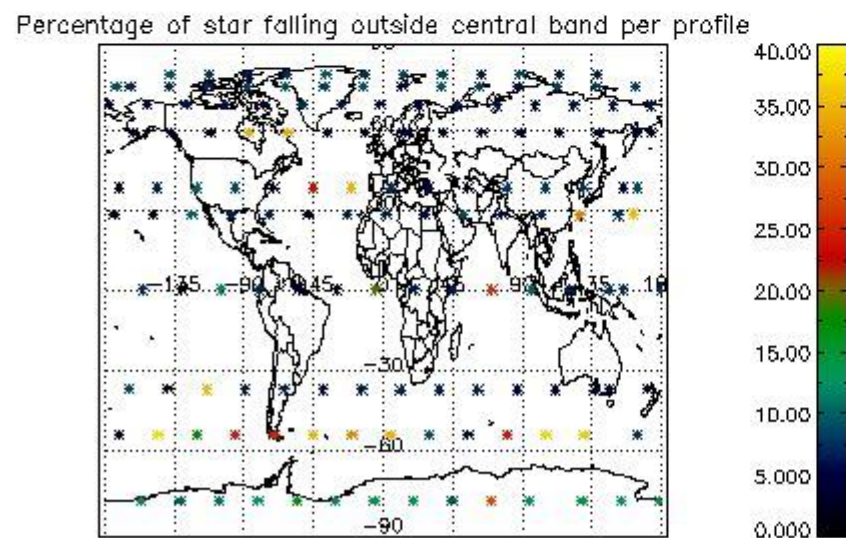
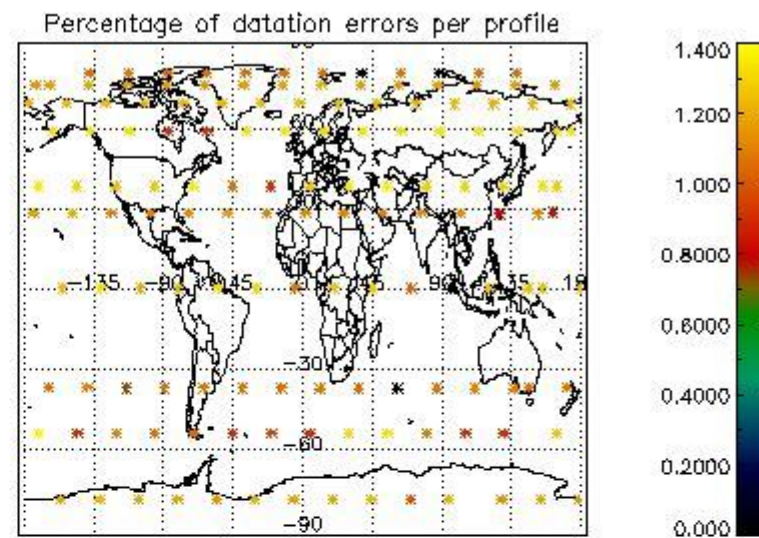
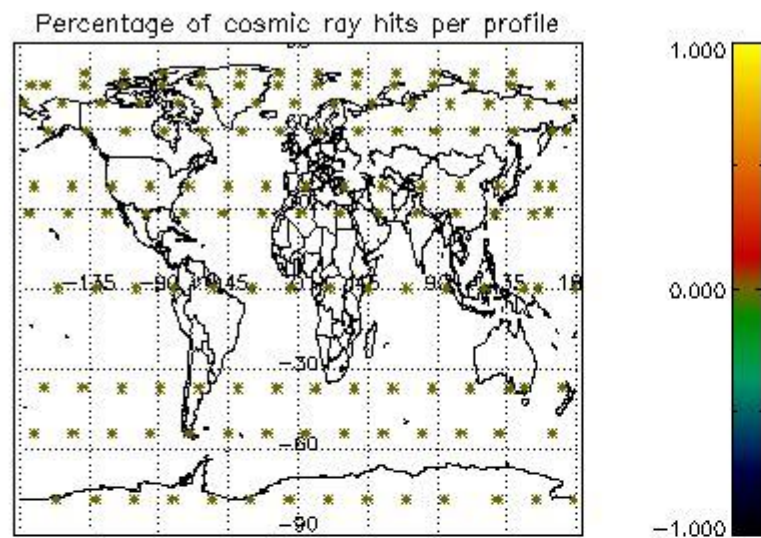


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

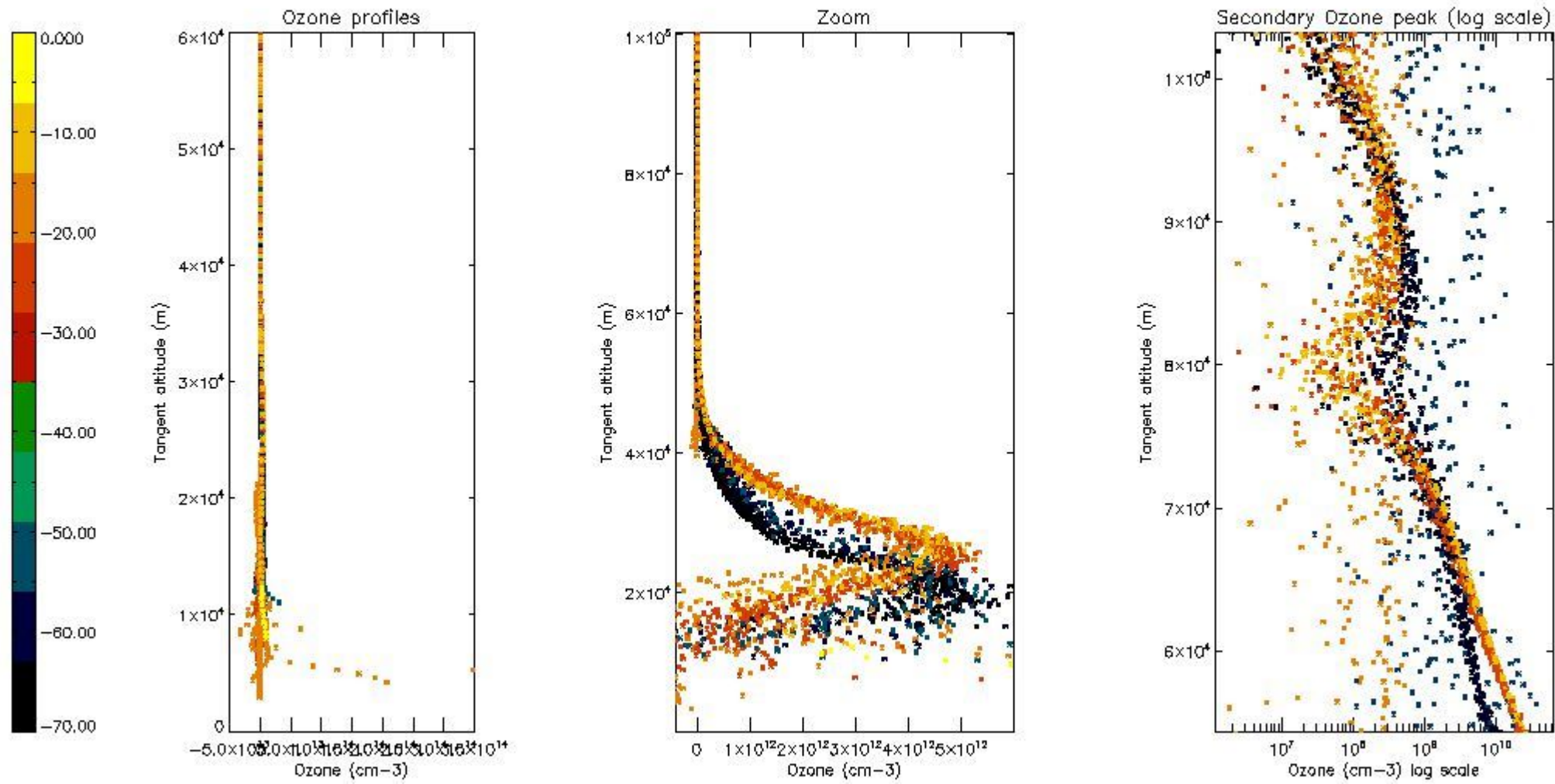
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	25
STD < 20	12

STD < 10	9
STD < 5	6

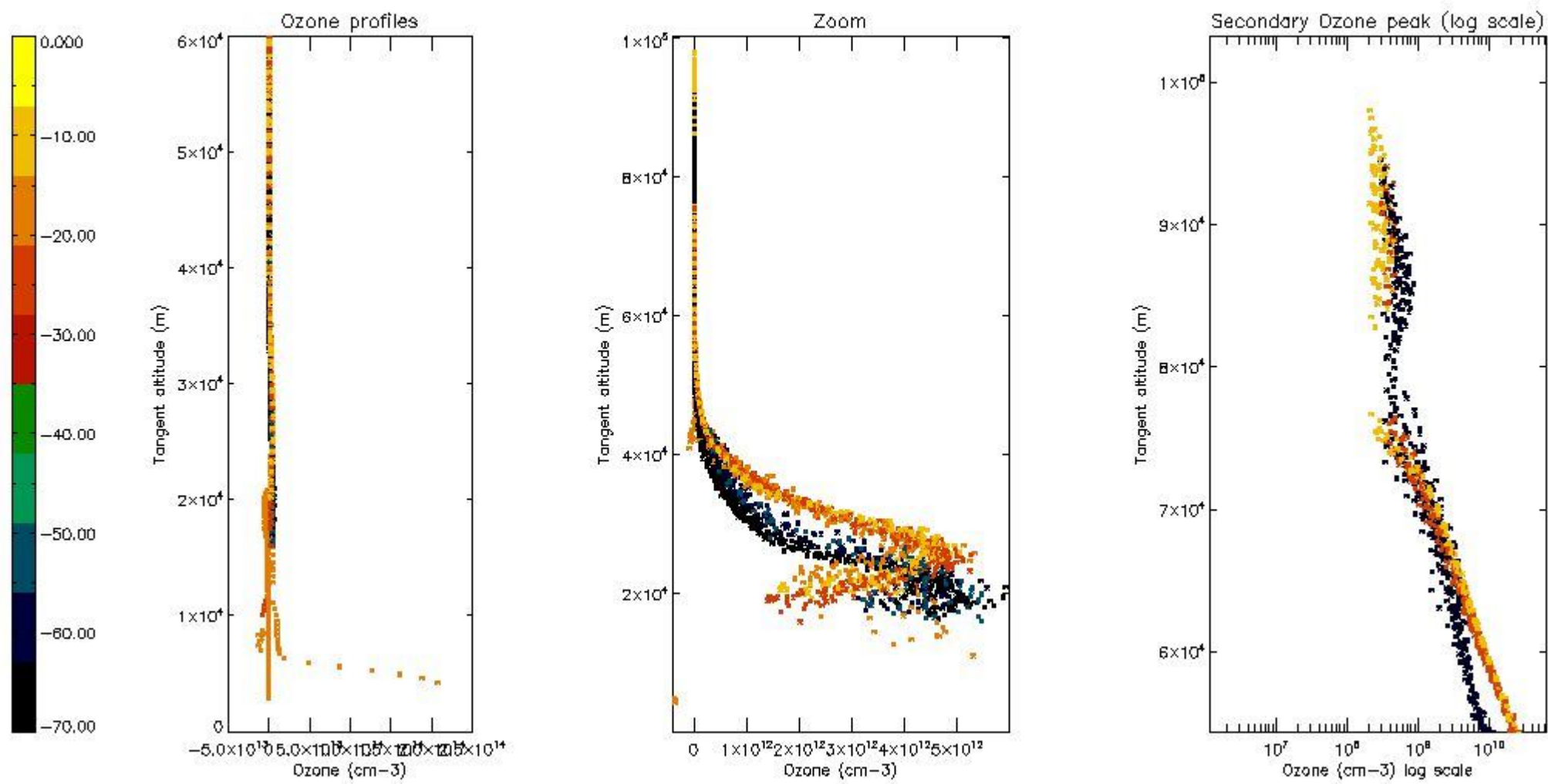
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



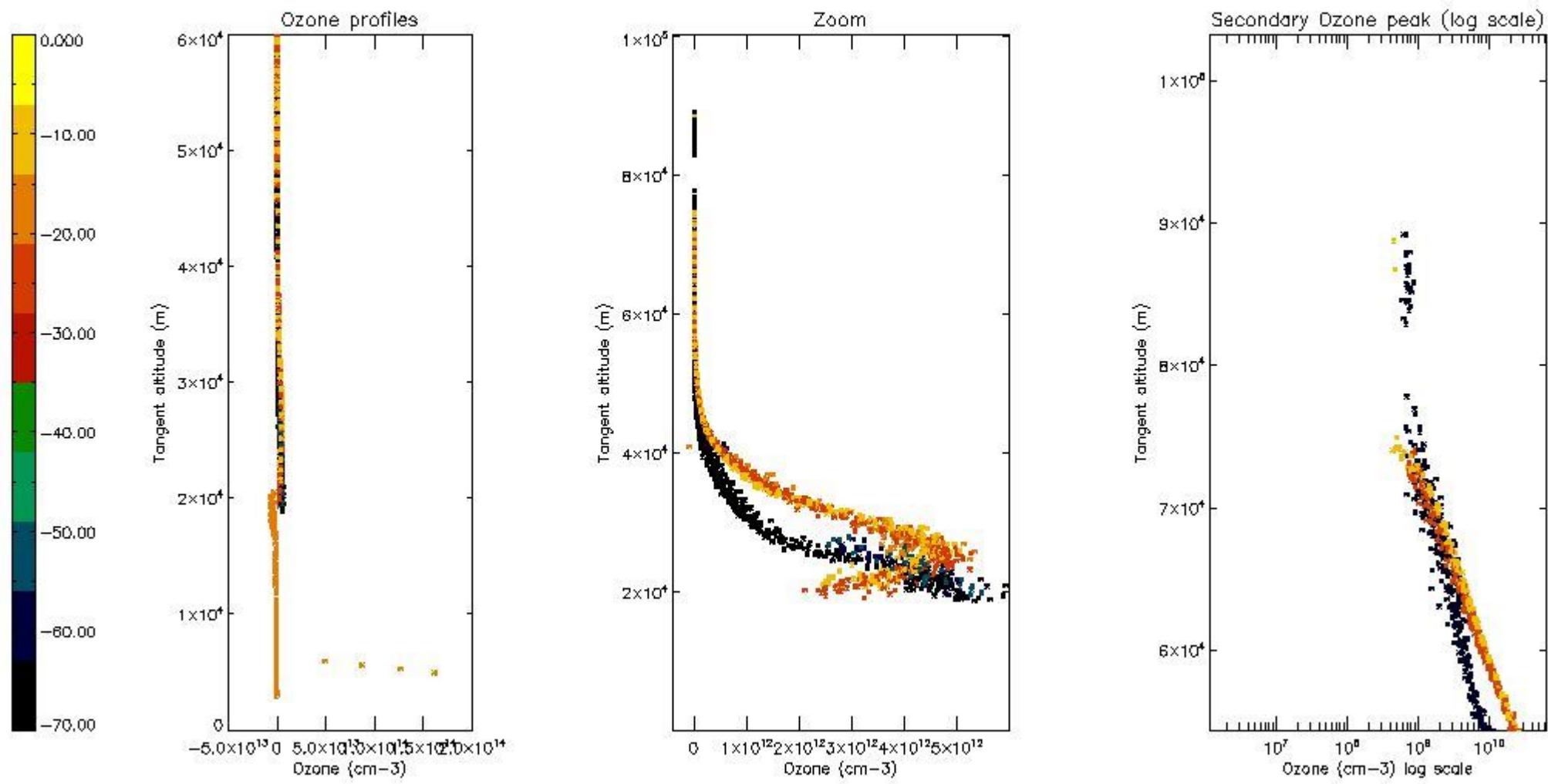
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



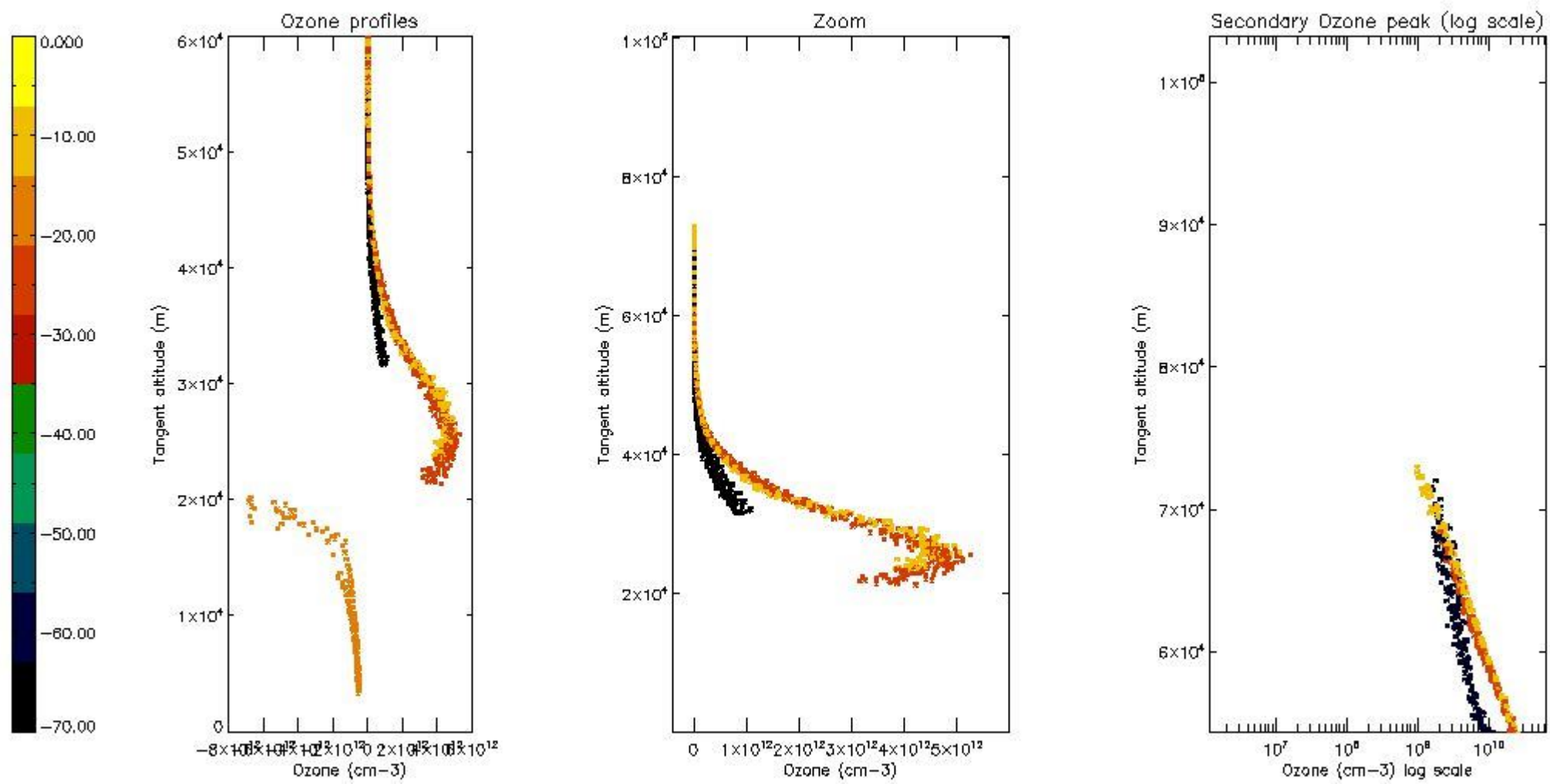
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



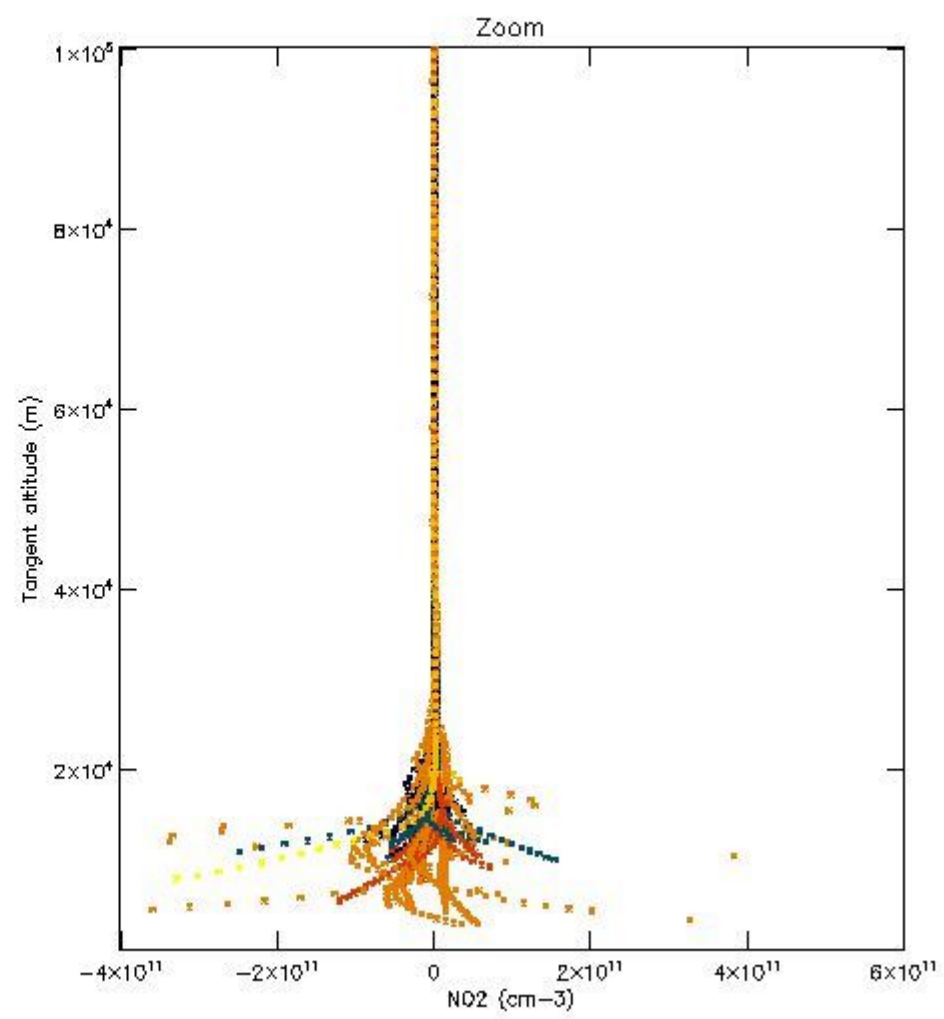
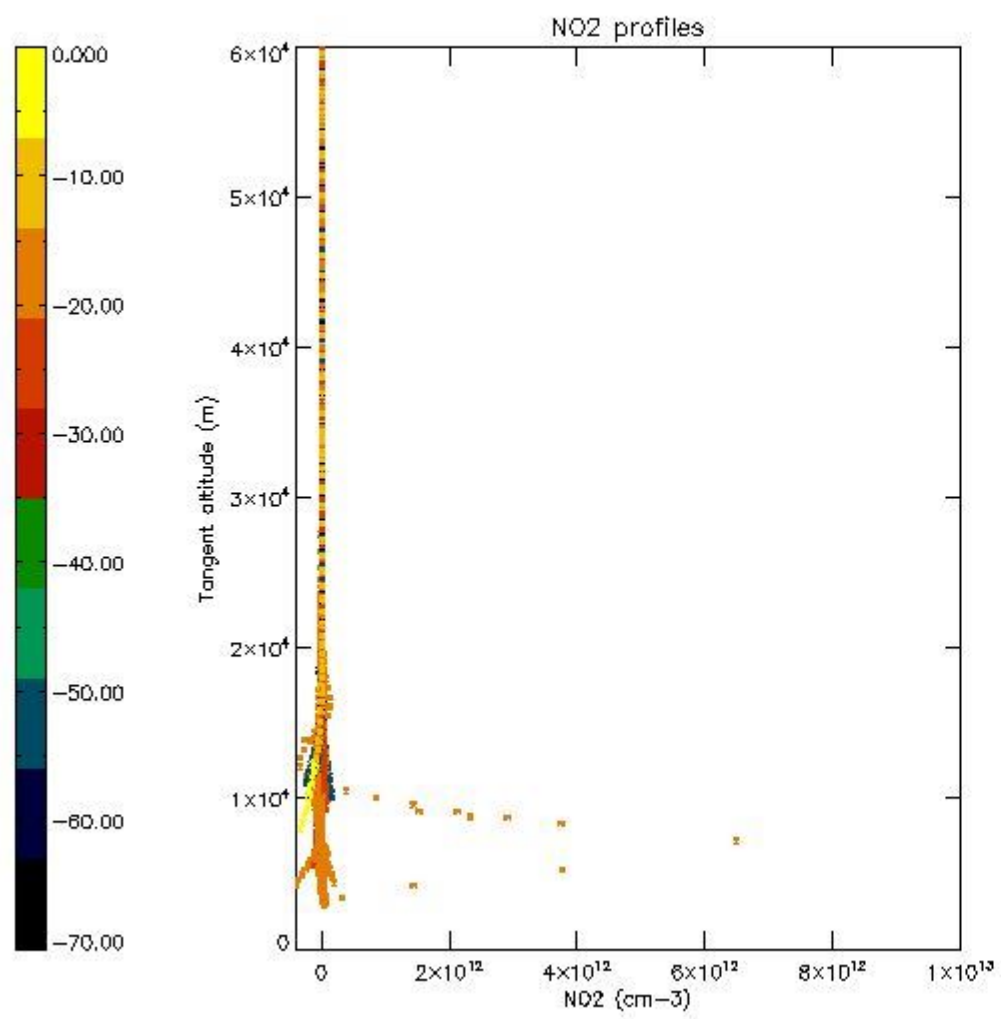
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



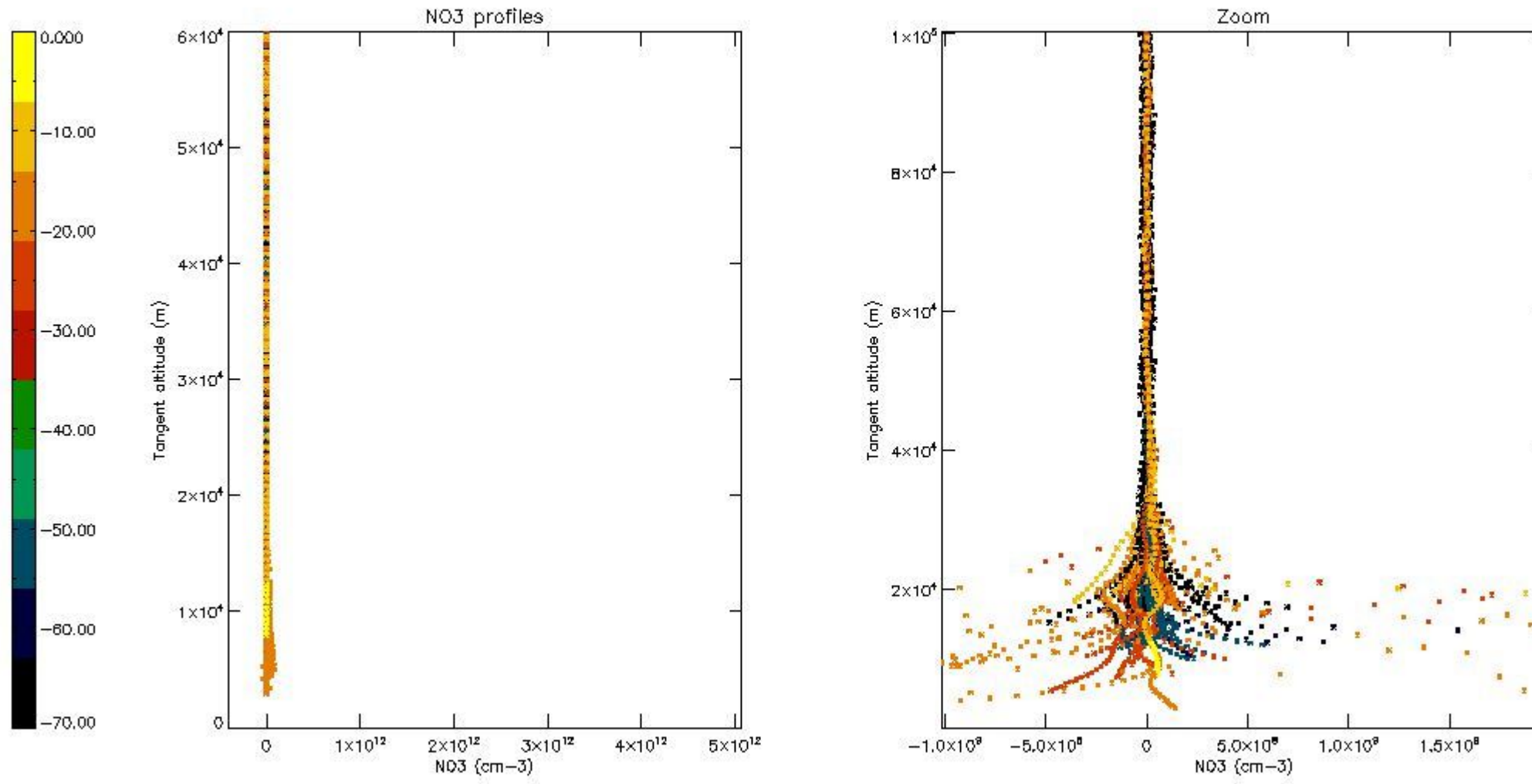
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



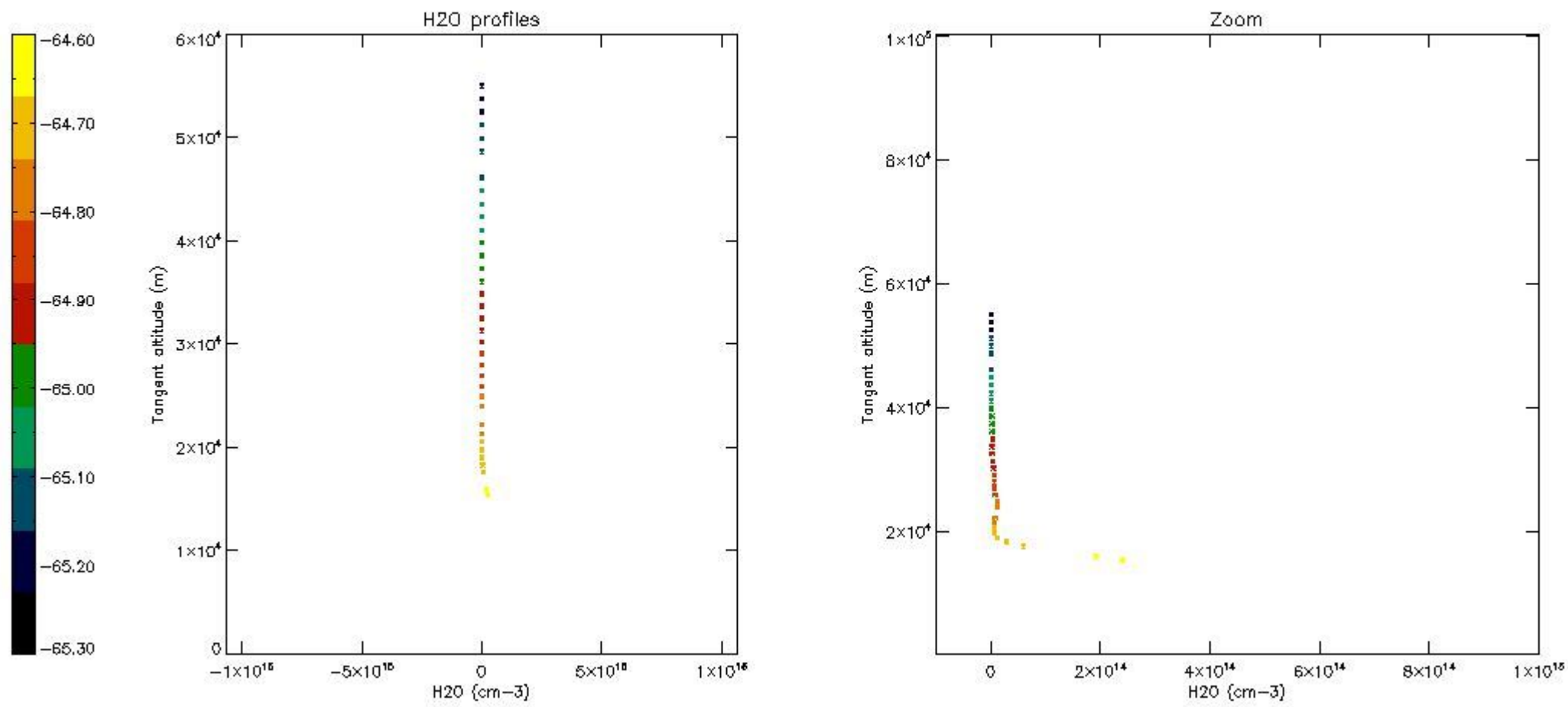
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

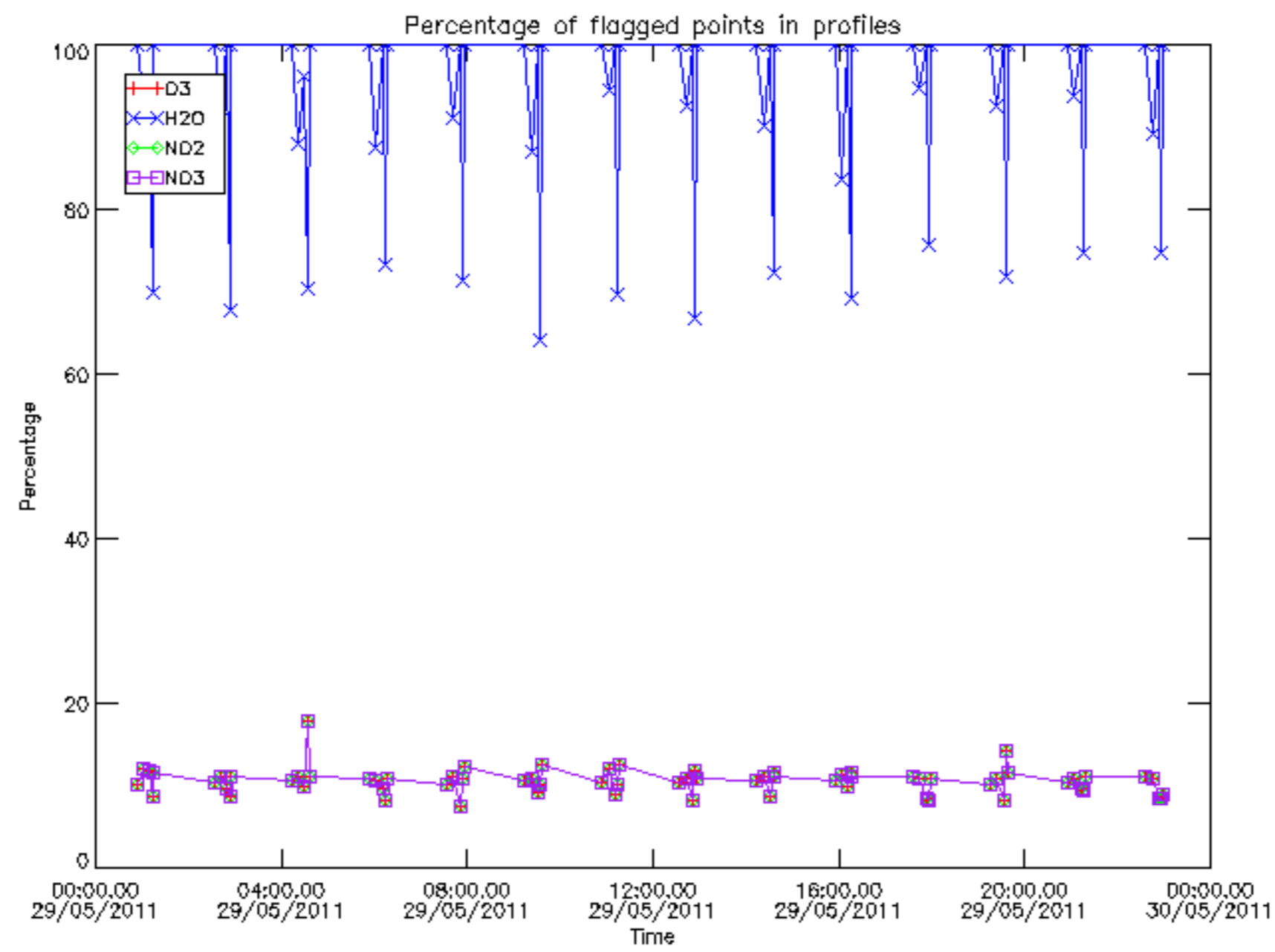
The colorbar represents the latitude.



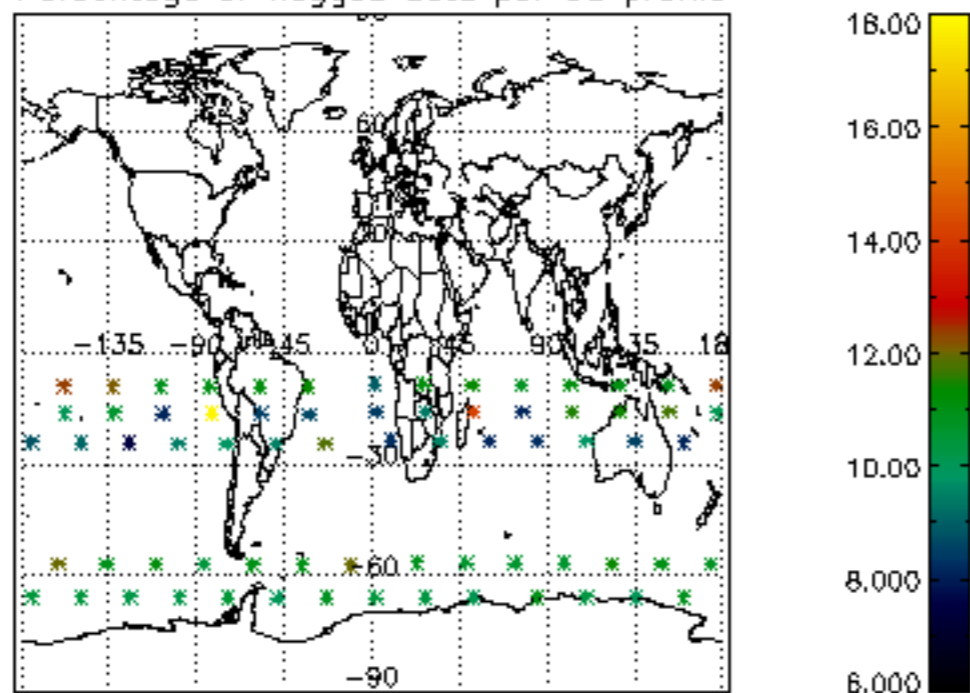
6. Auxiliary Data Files used for the production reported in section 2

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.

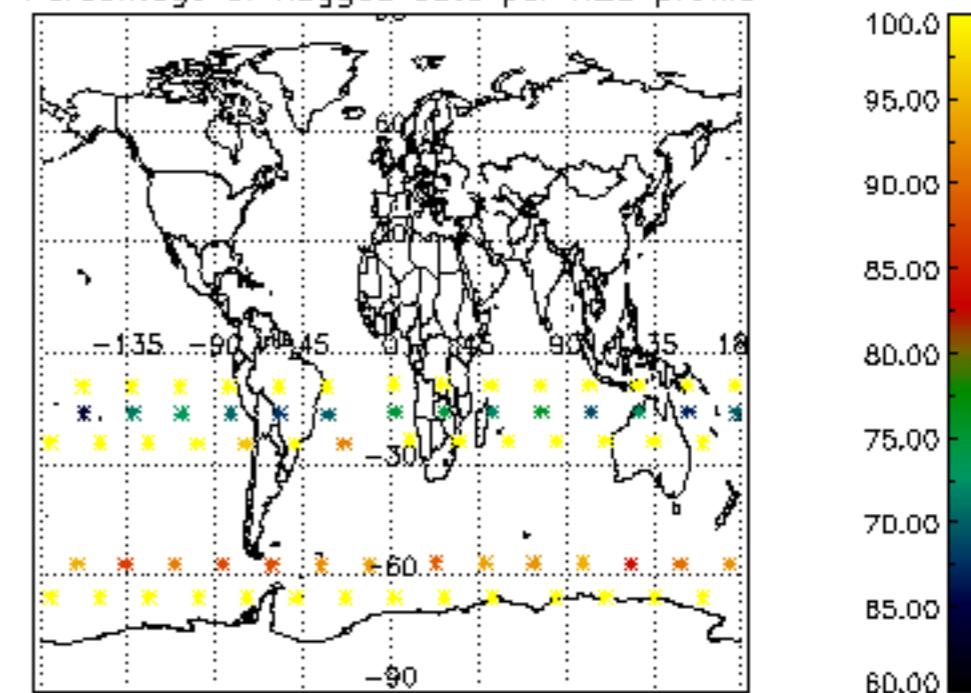
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	29-MAY-2011 00:00:32
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	29-MAY-2011 00:00:32
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	29-MAY-2011 00:00:32



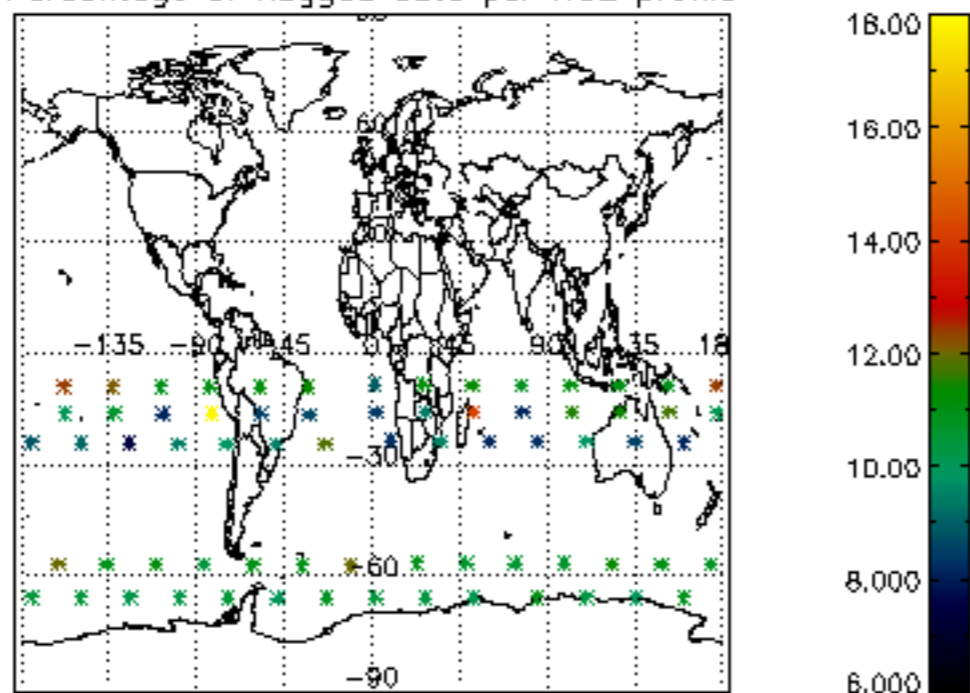
Percentage of flagged data per D3 profile



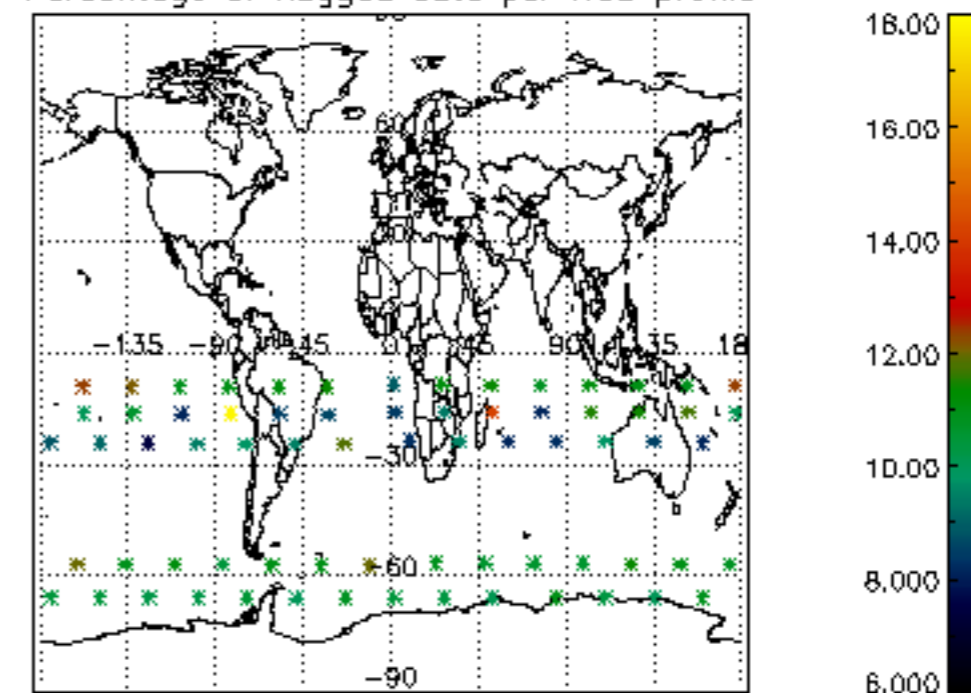
Percentage of flagged data per H2O profile

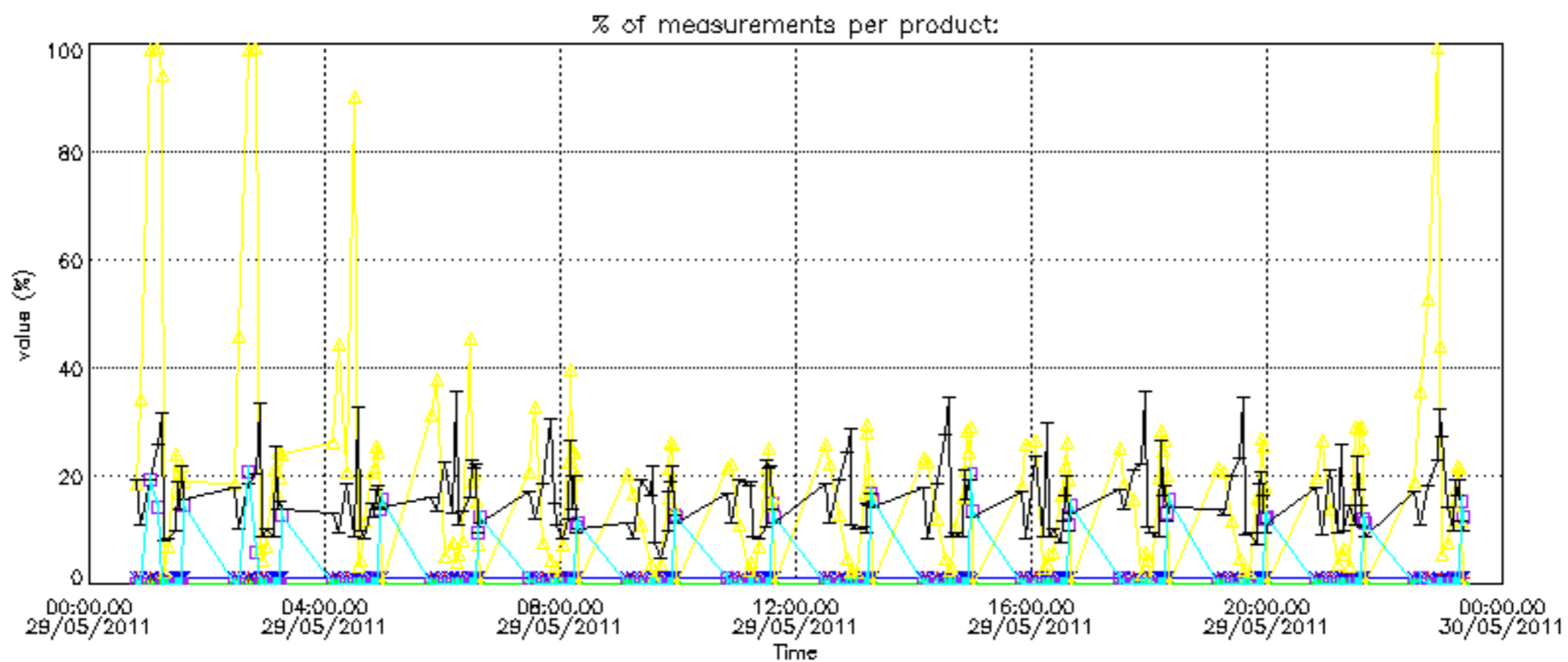
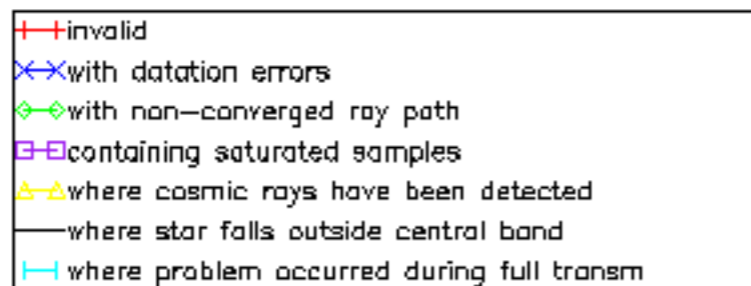


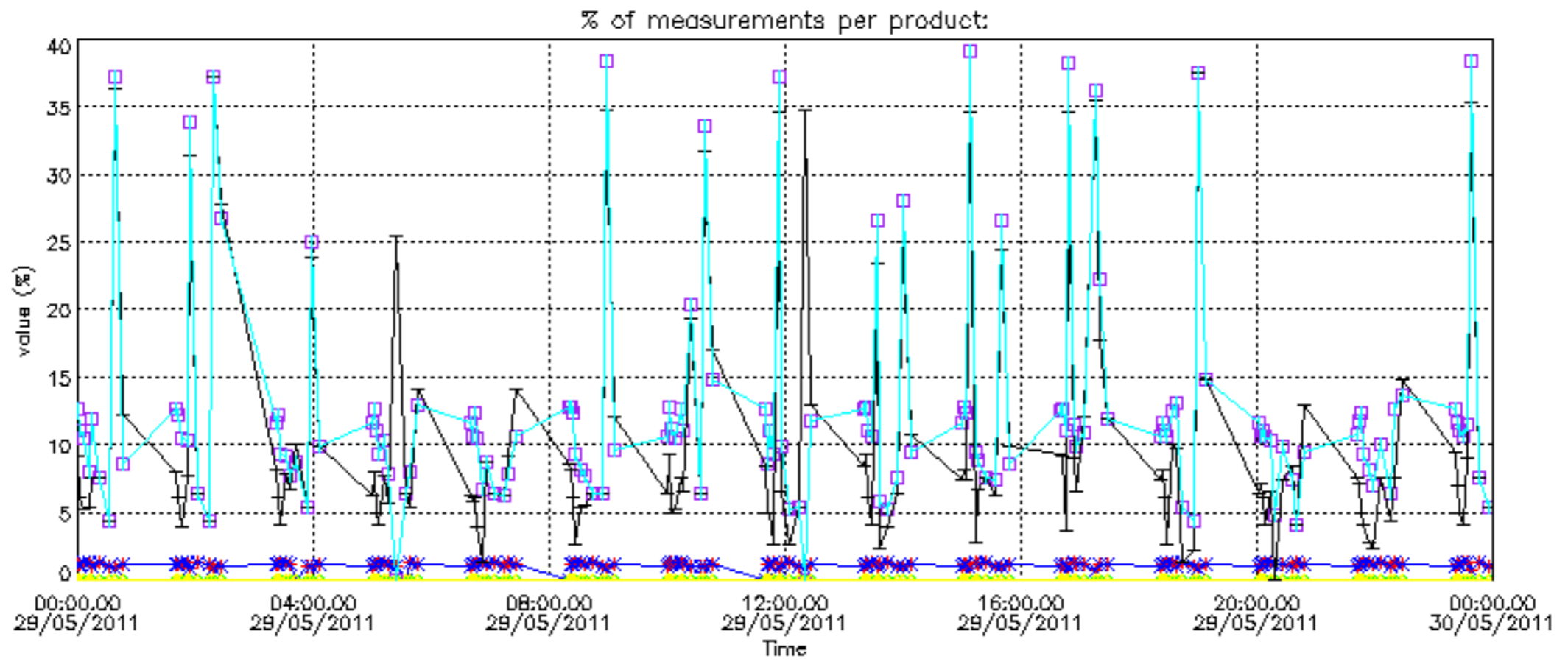
Percentage of flagged data per NO2 profile



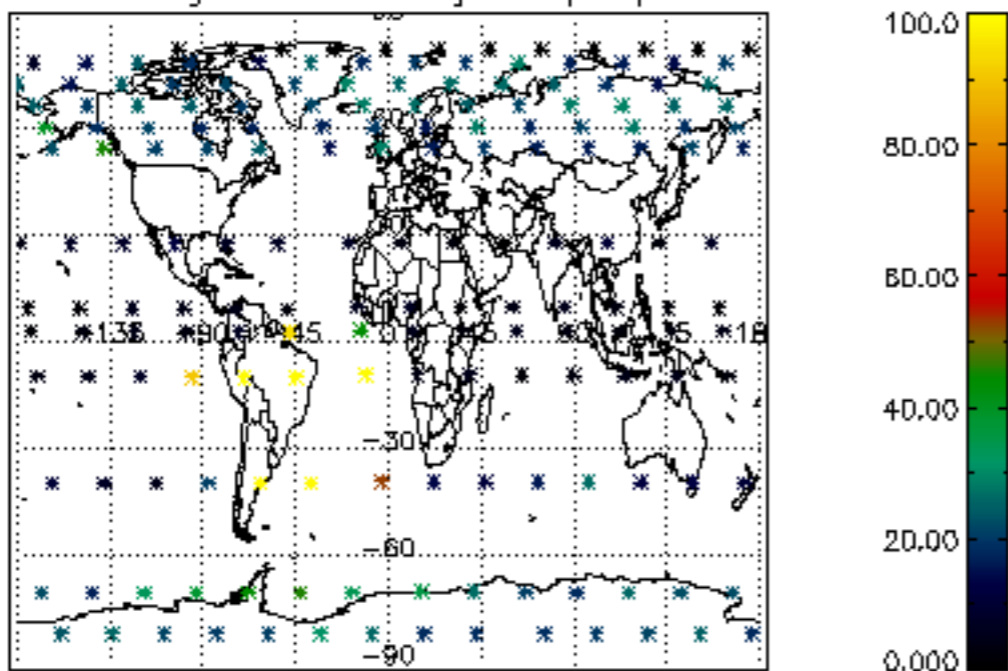
Percentage of flagged data per NO3 profile



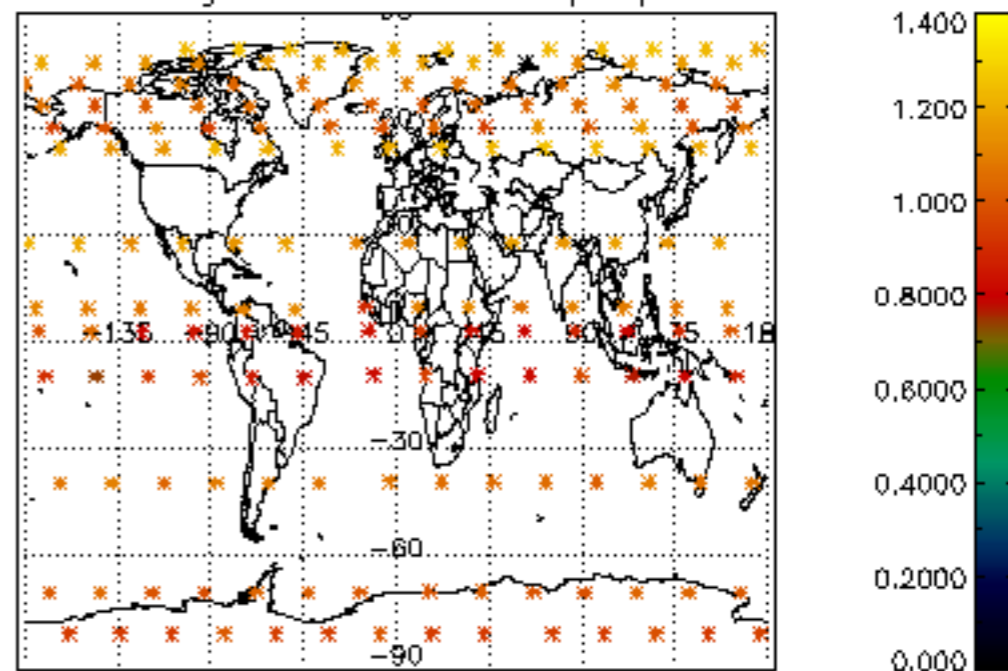




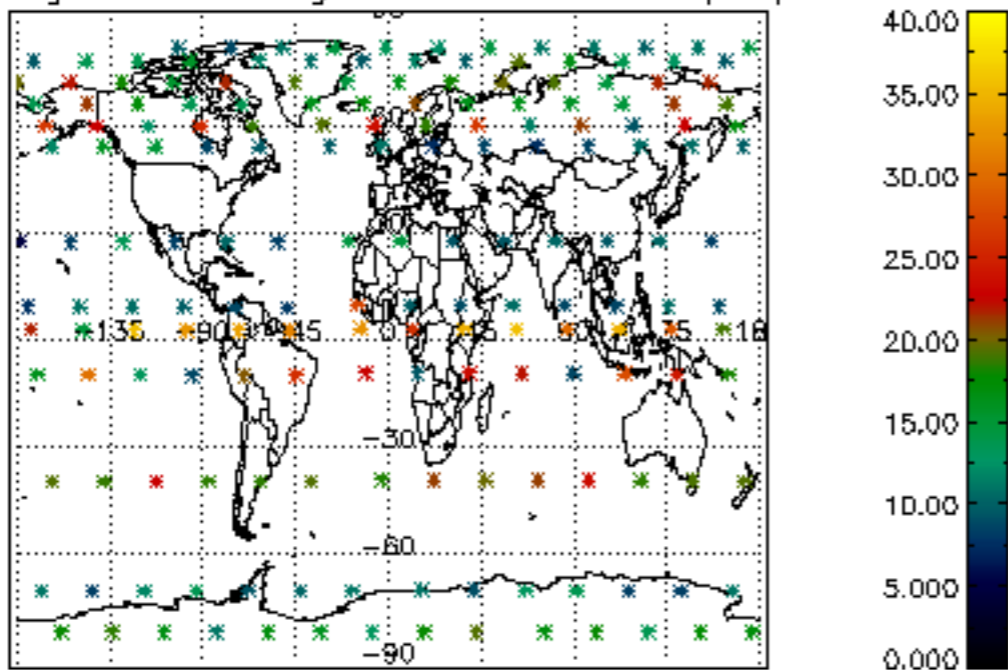
Percentage of cosmic ray hits per profile



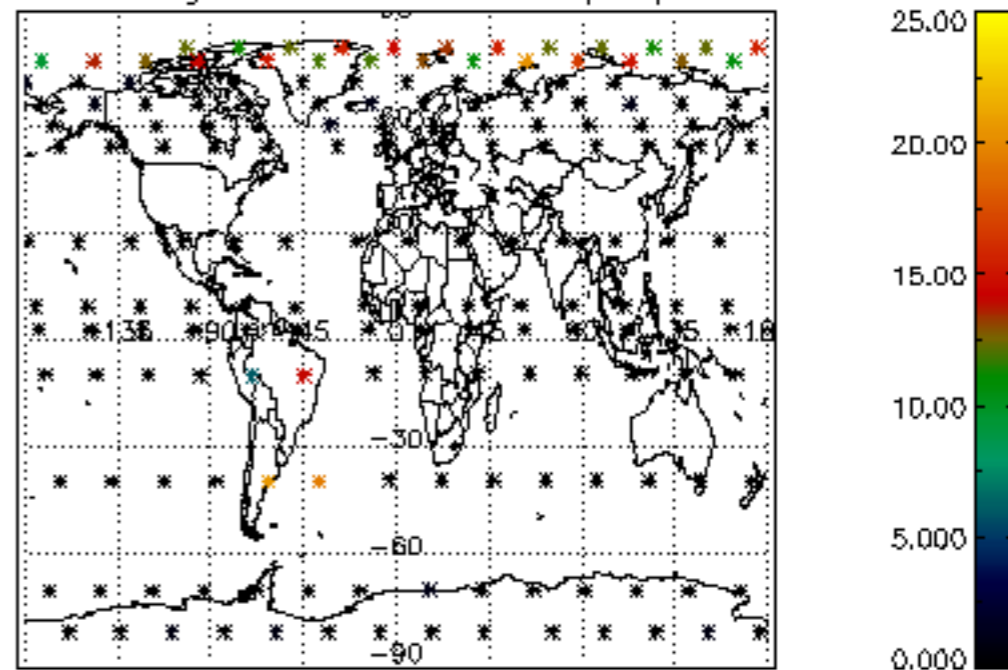
Percentage of datation errors per profile



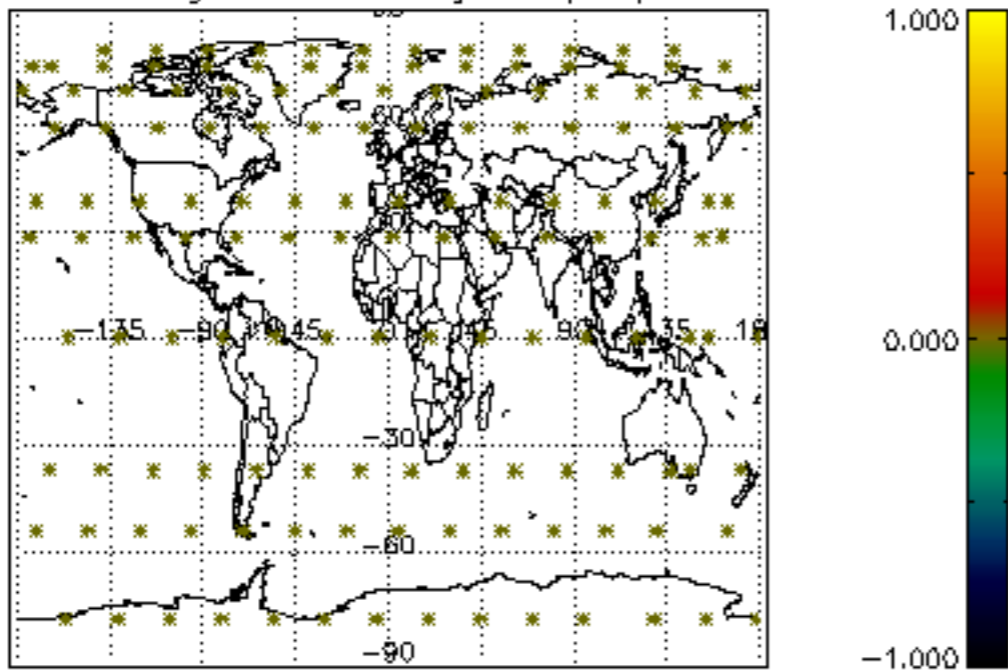
Percentage of star falling outside central band per profile



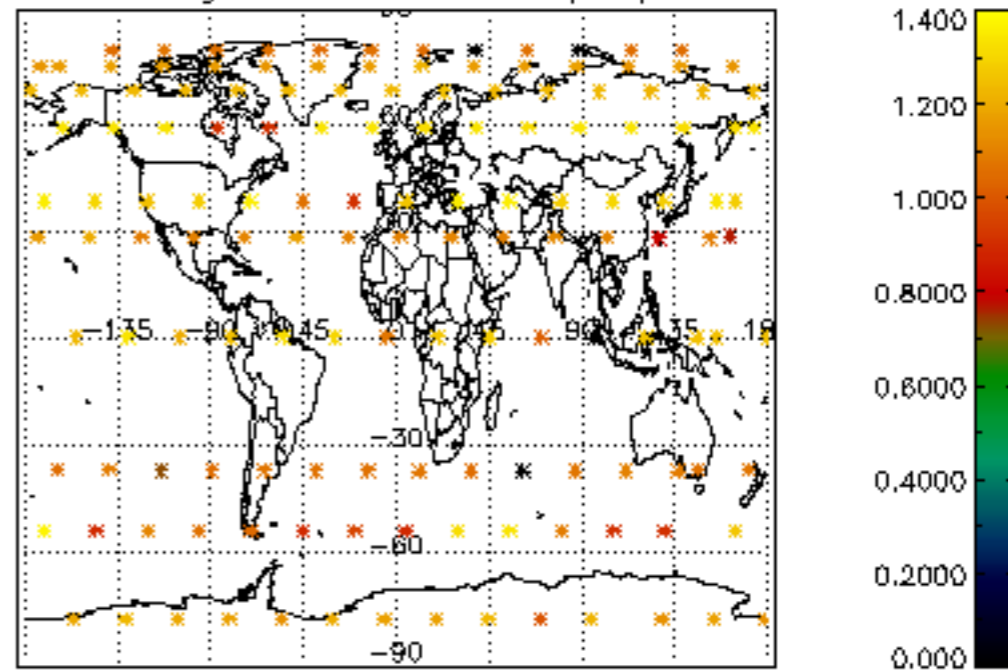
Percentage of saturation errors per profile



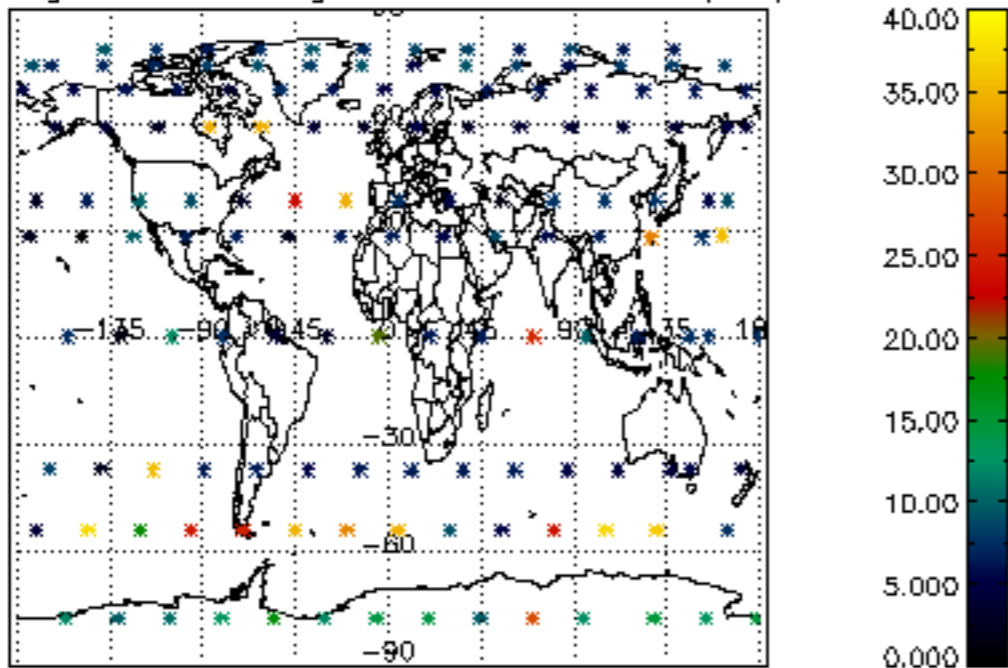
Percentage of cosmic ray hits per profile



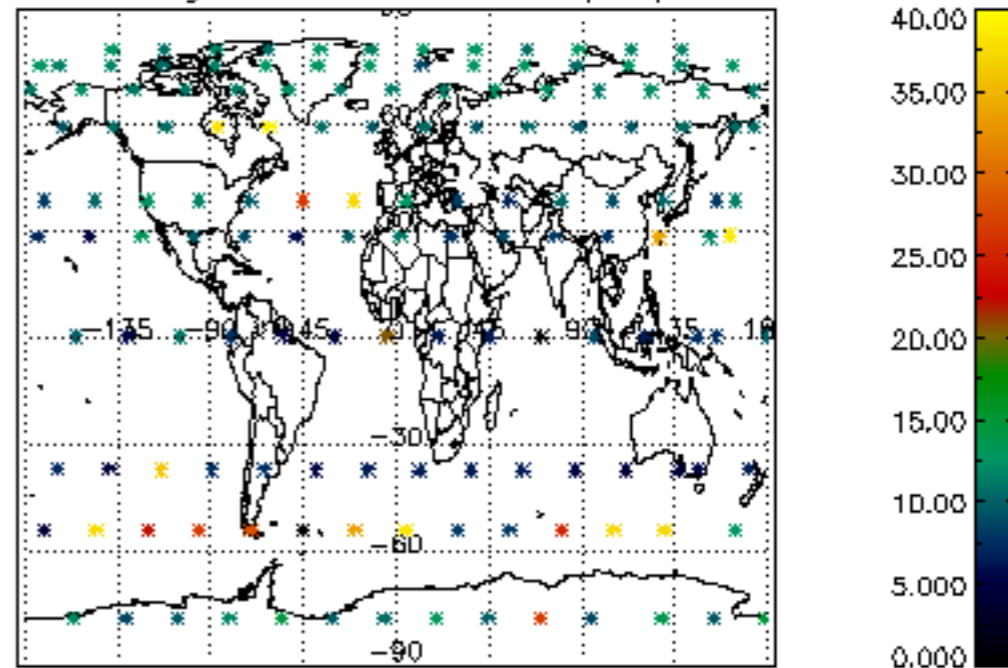
Percentage of datation errors per profile

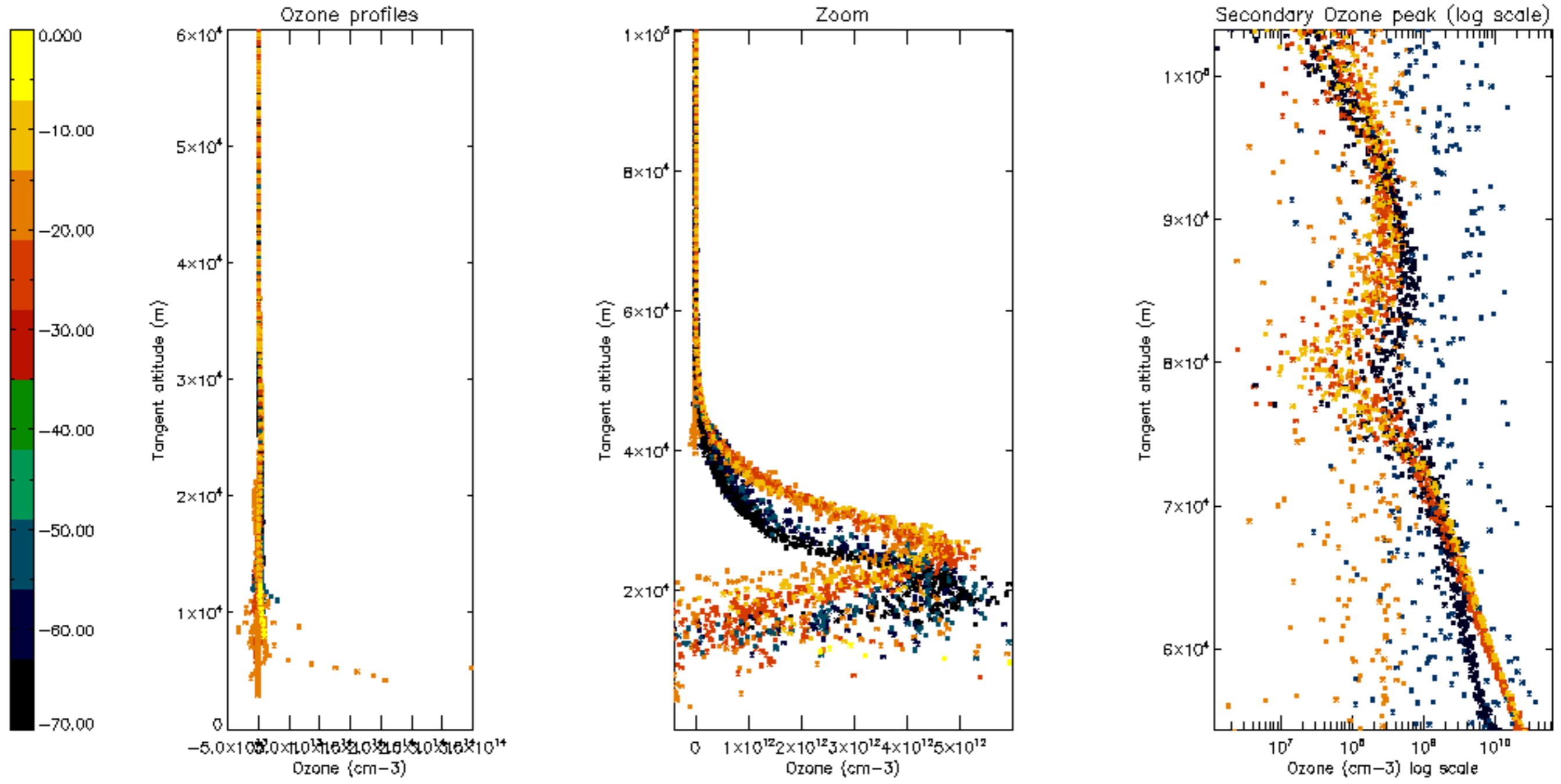


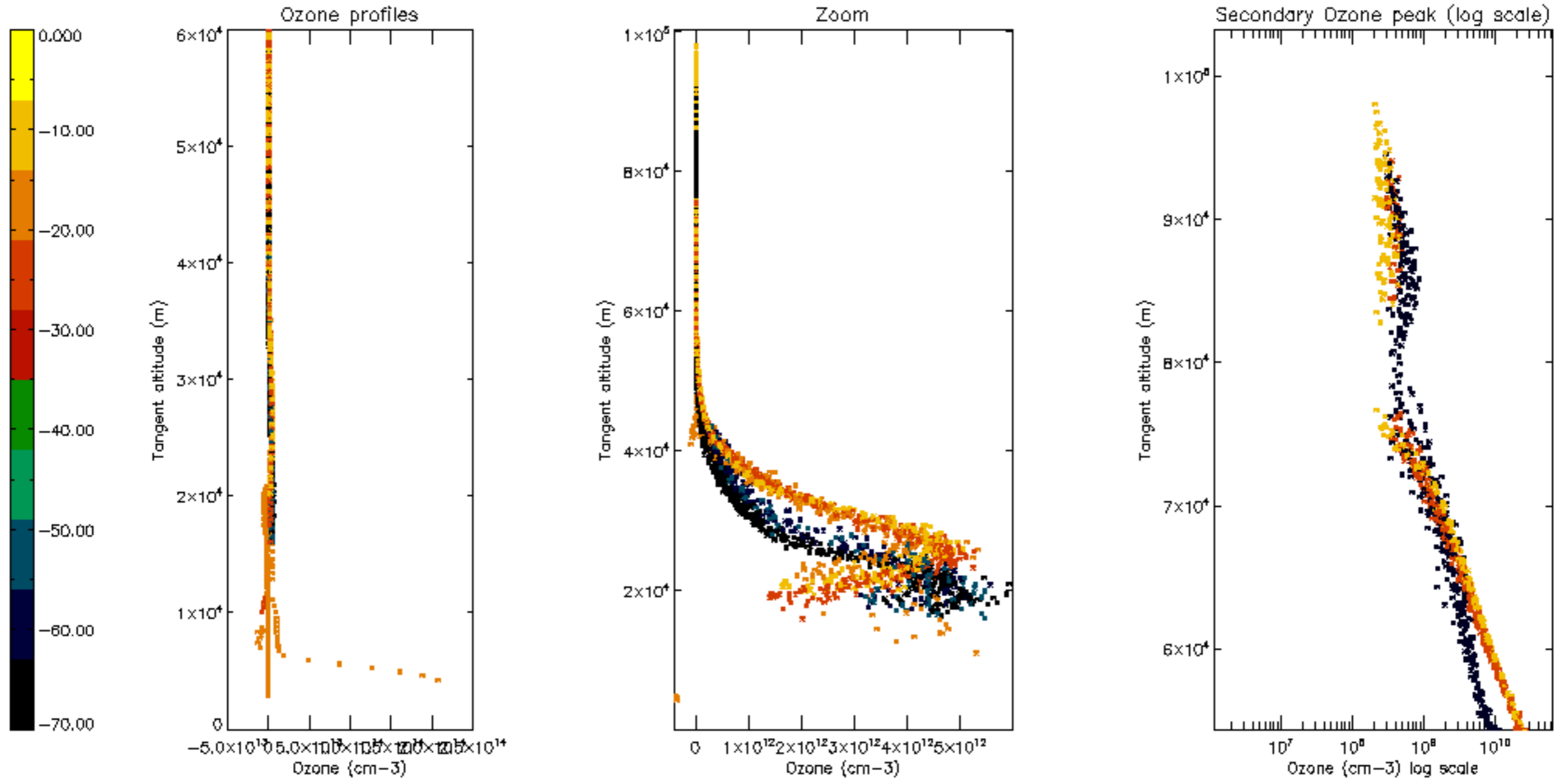
Percentage of star falling outside central band per profile

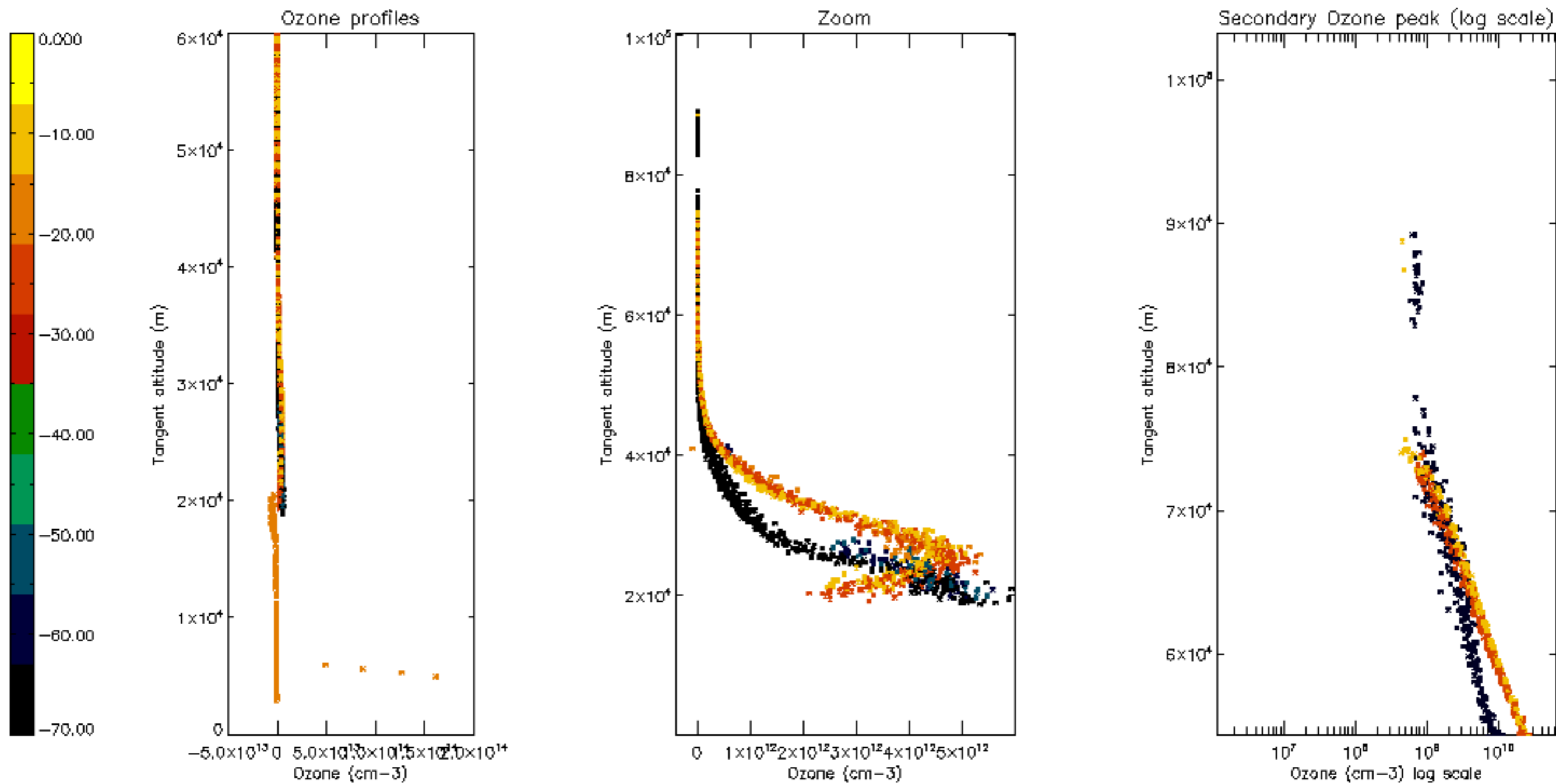


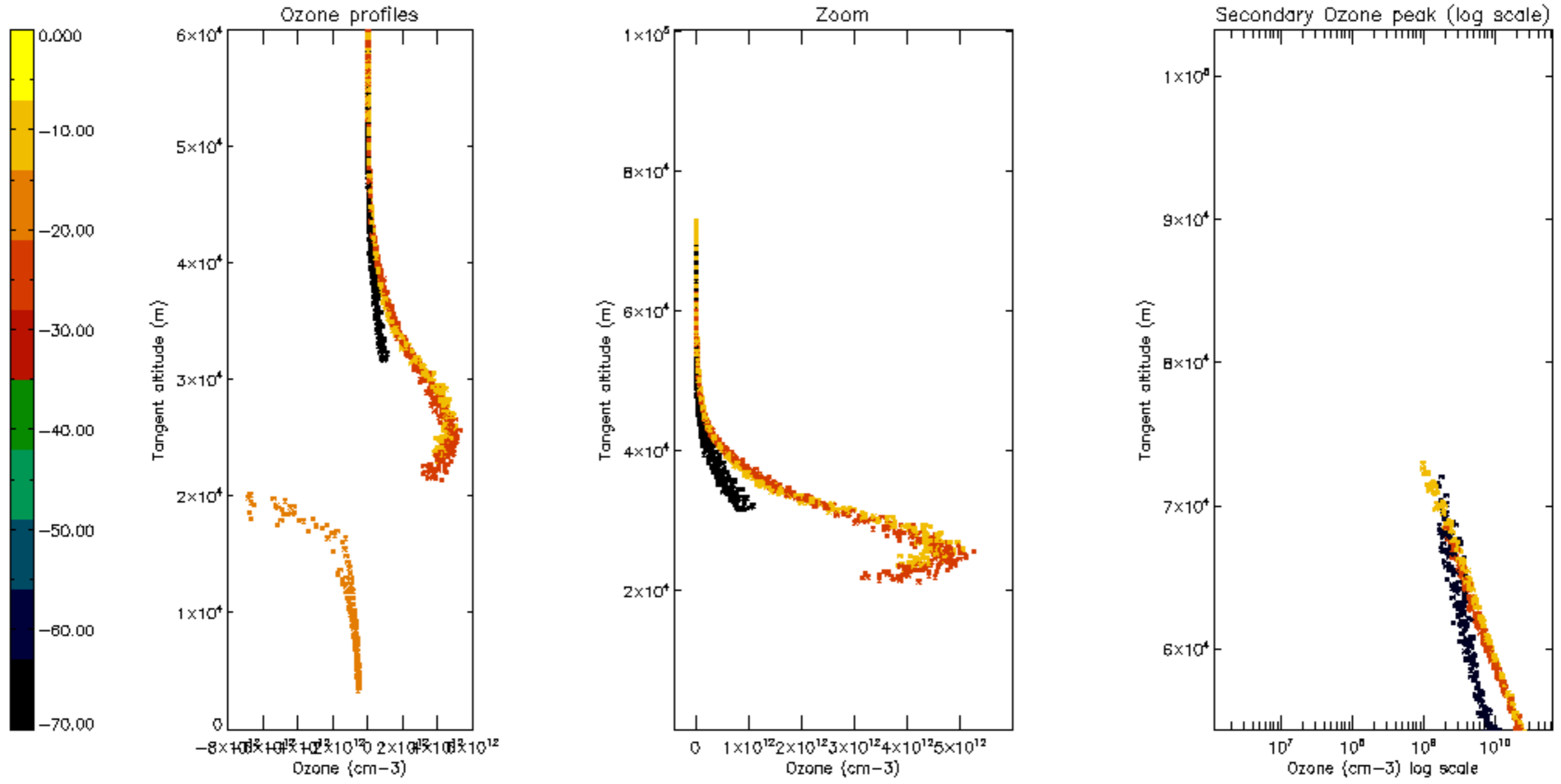
Percentage of saturation errors per profile

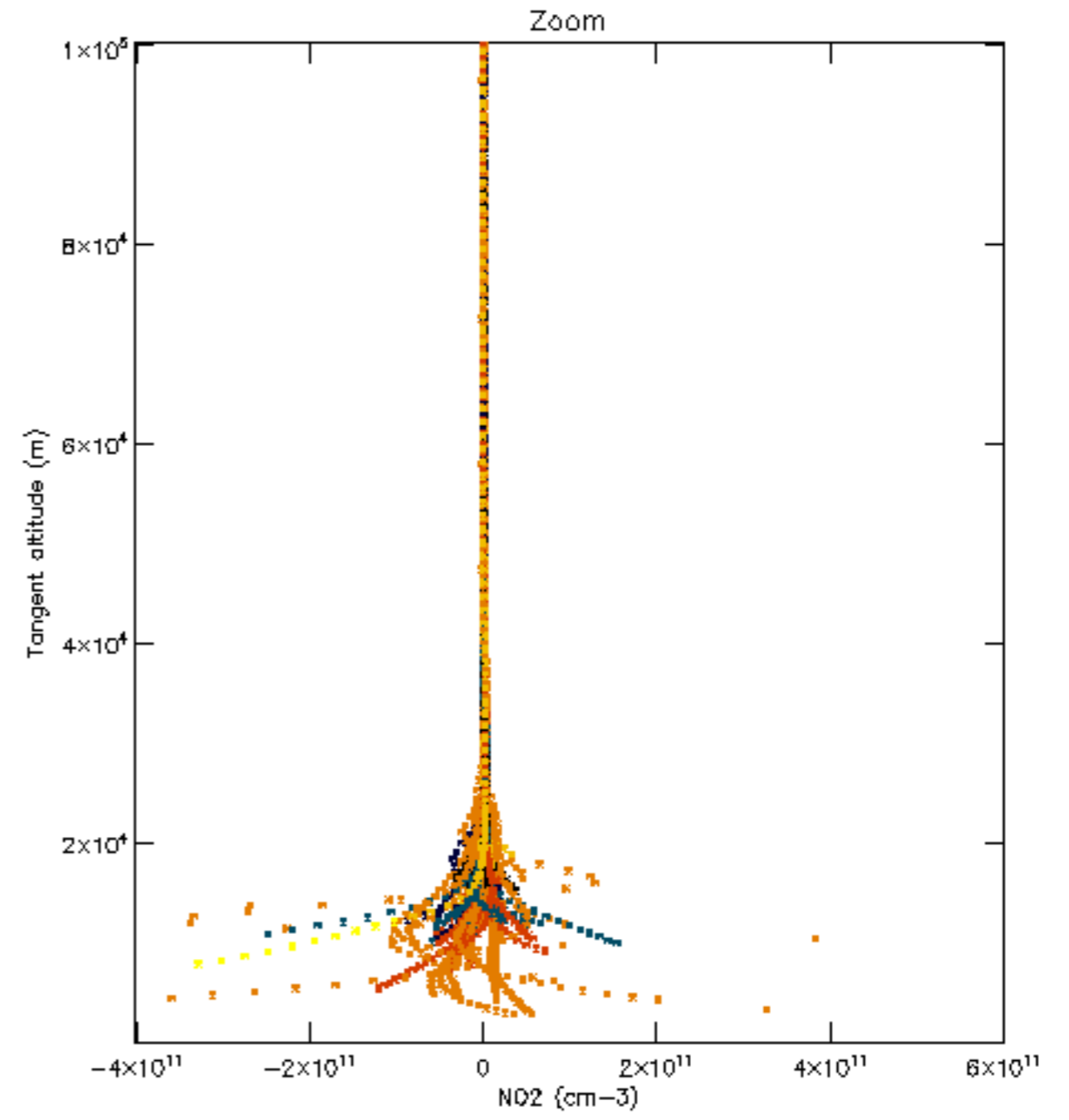
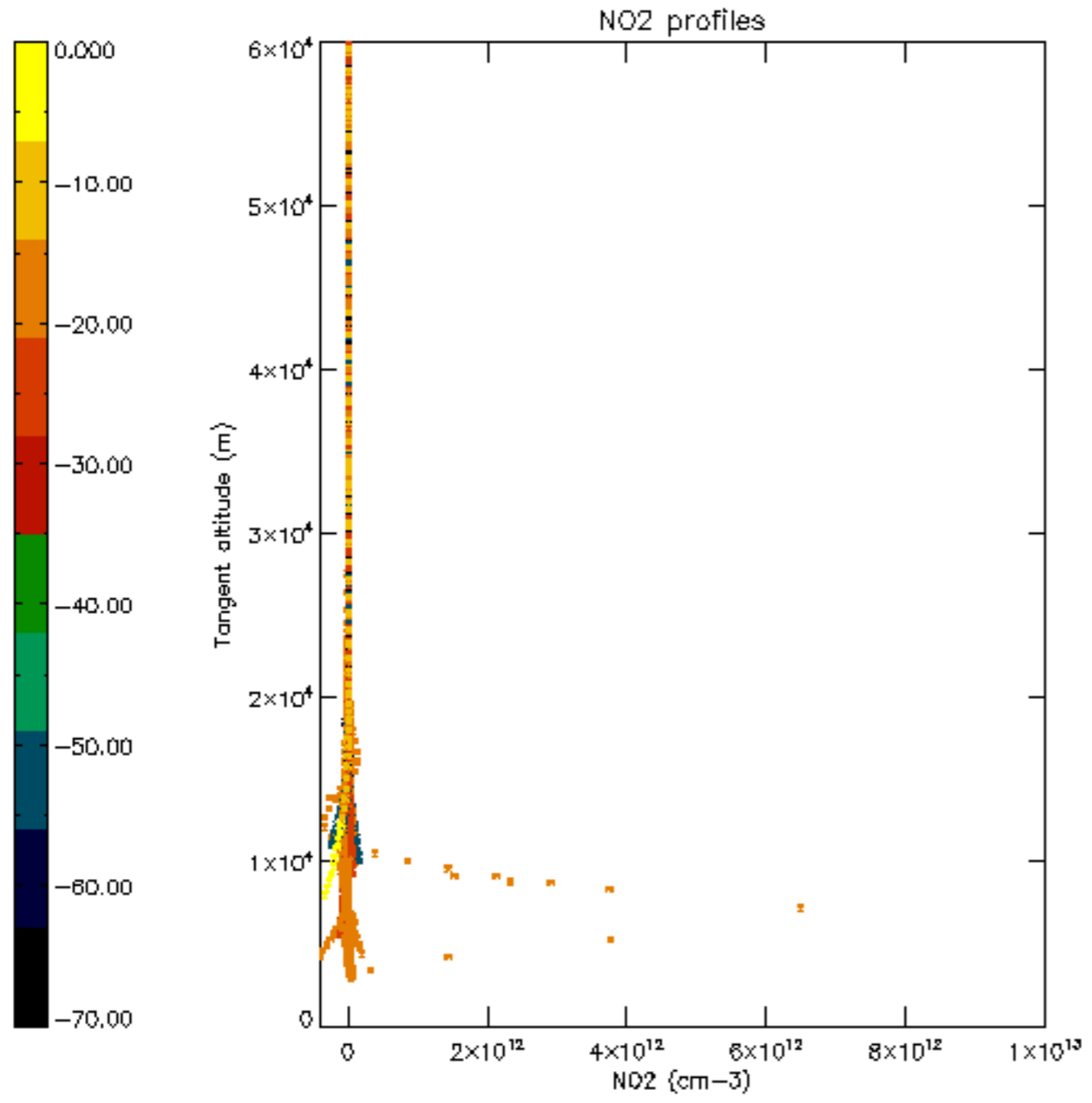


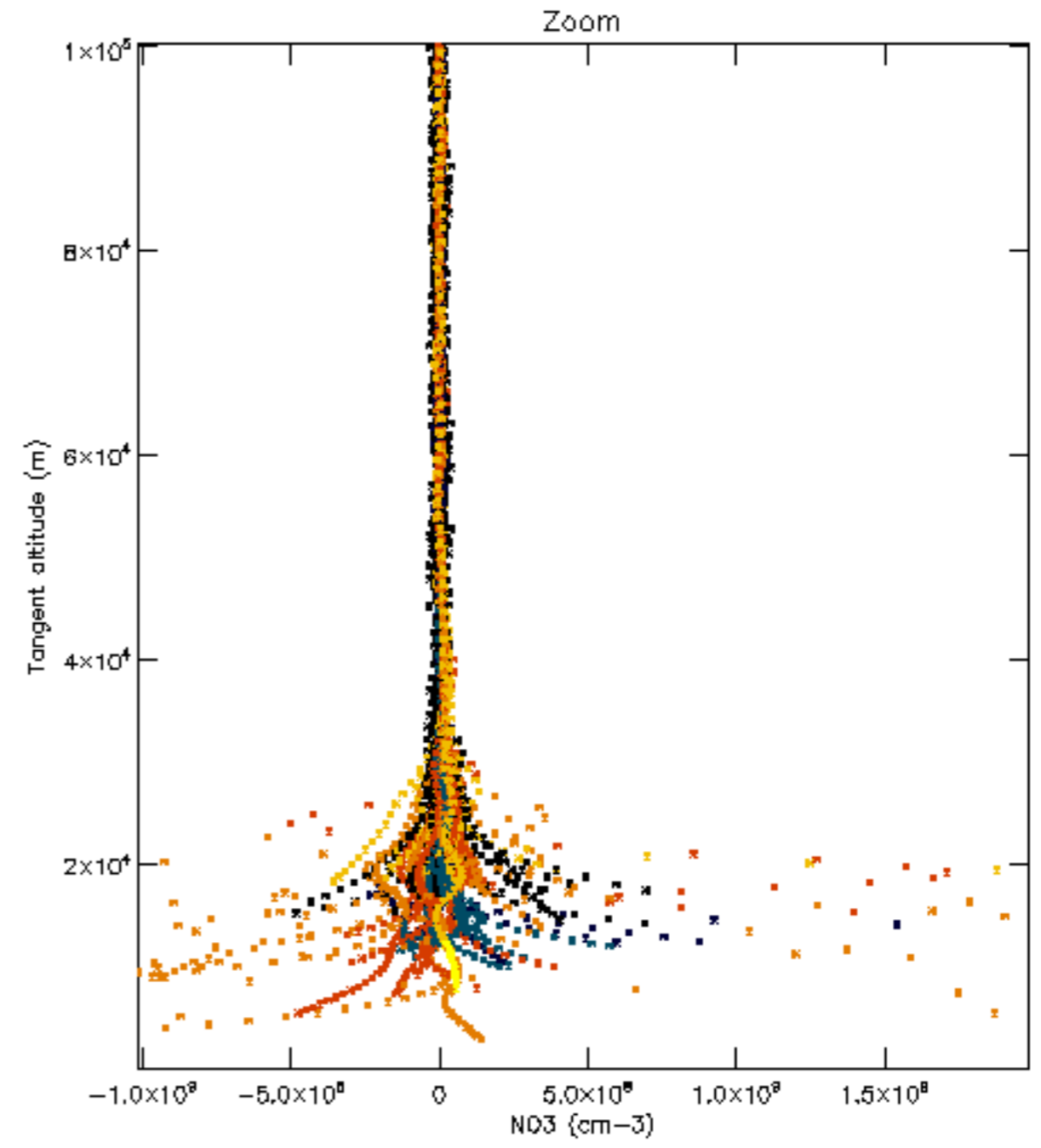
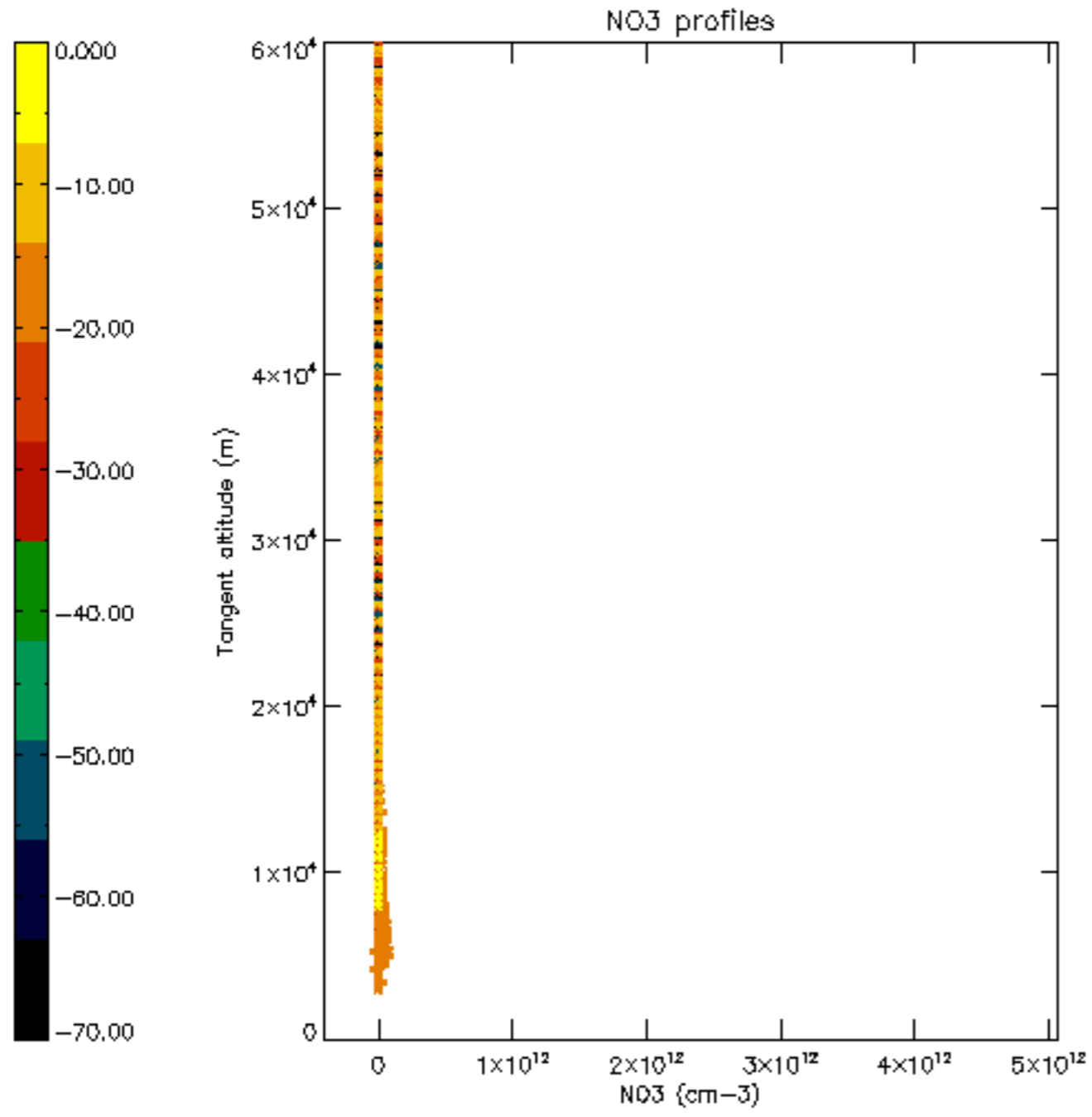


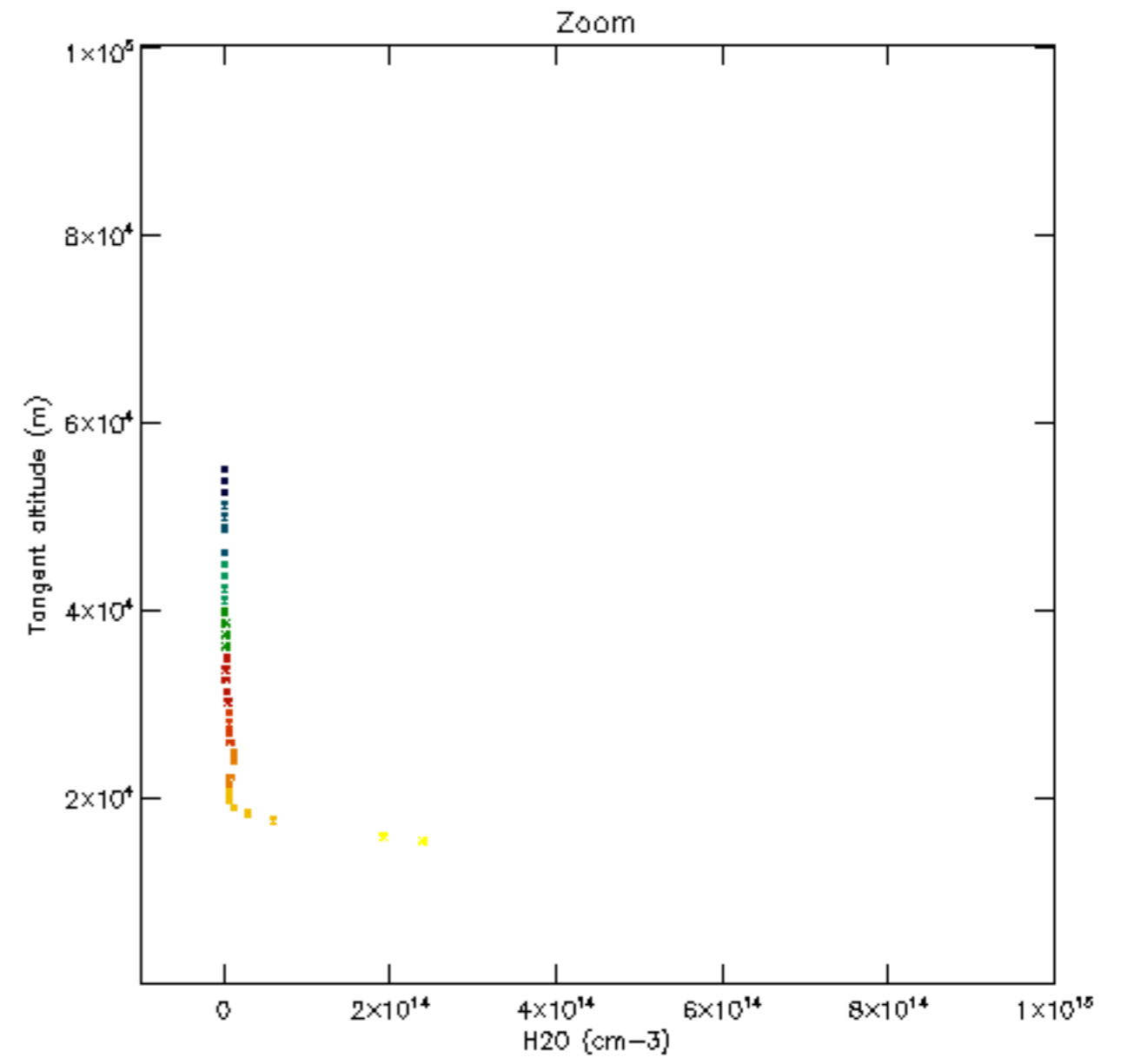
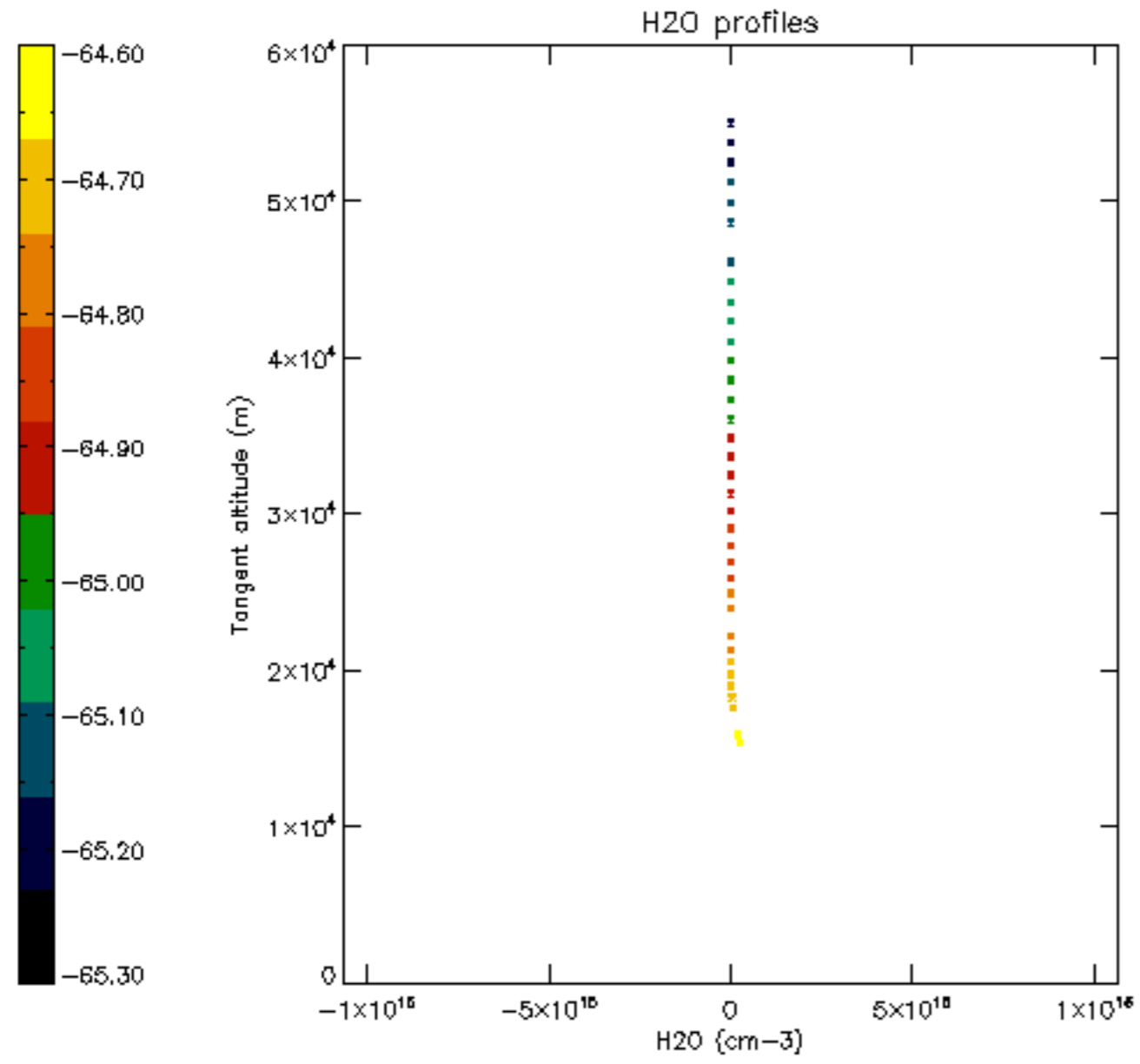


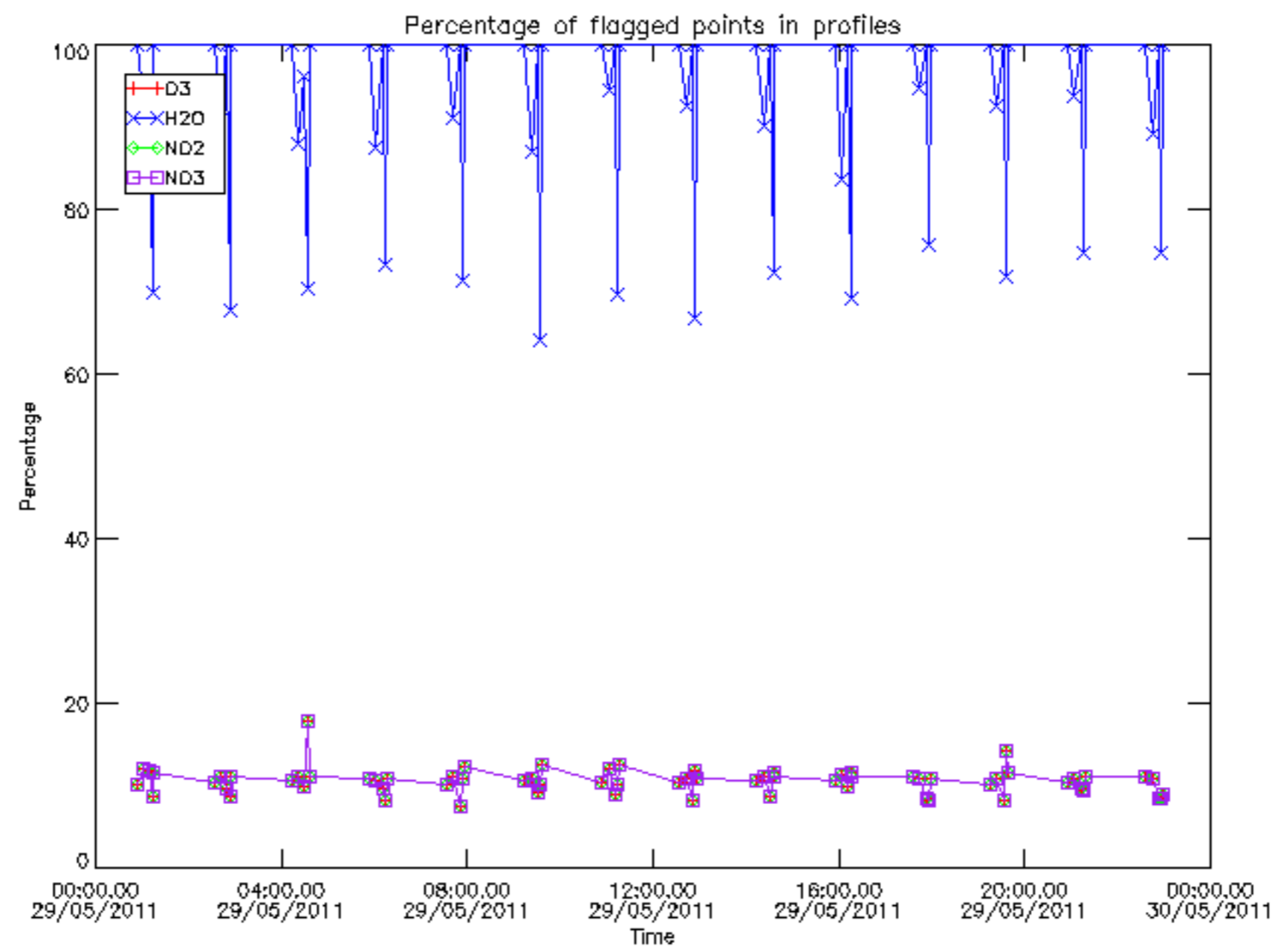




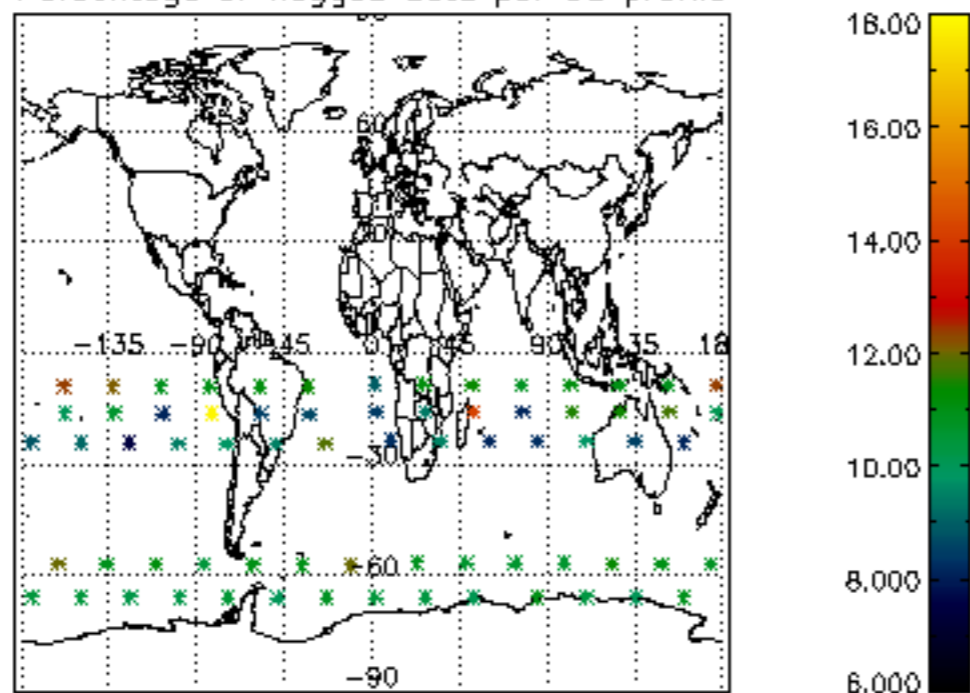




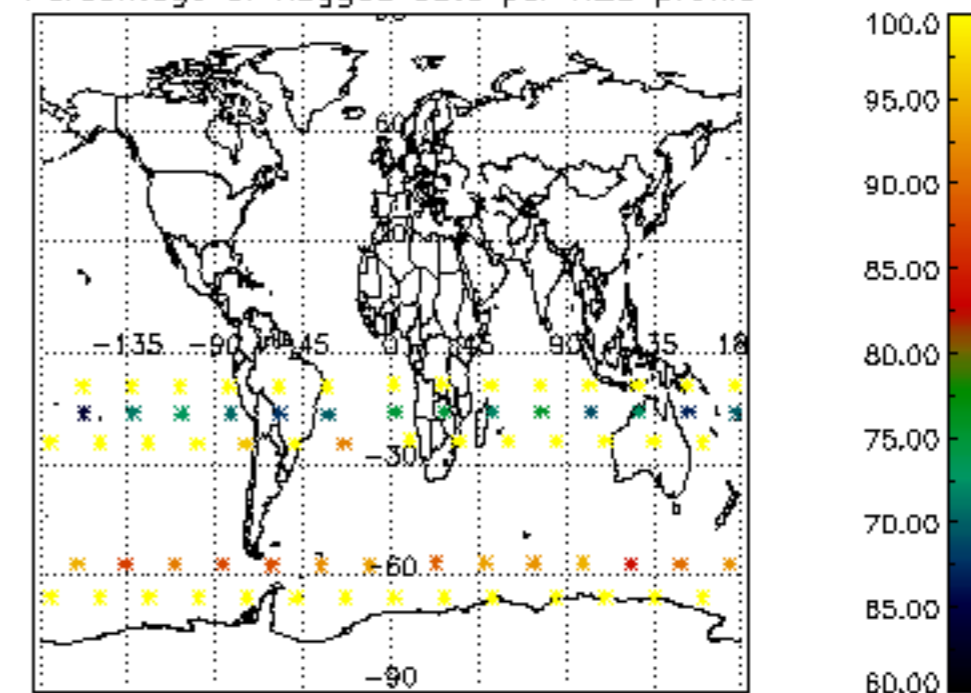




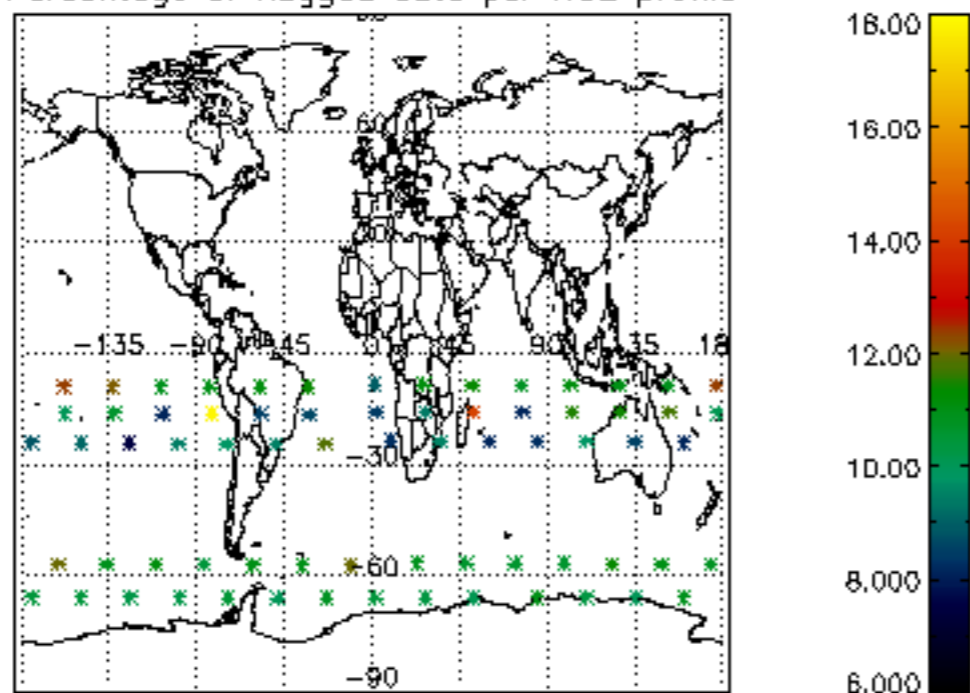
Percentage of flagged data per D3 profile



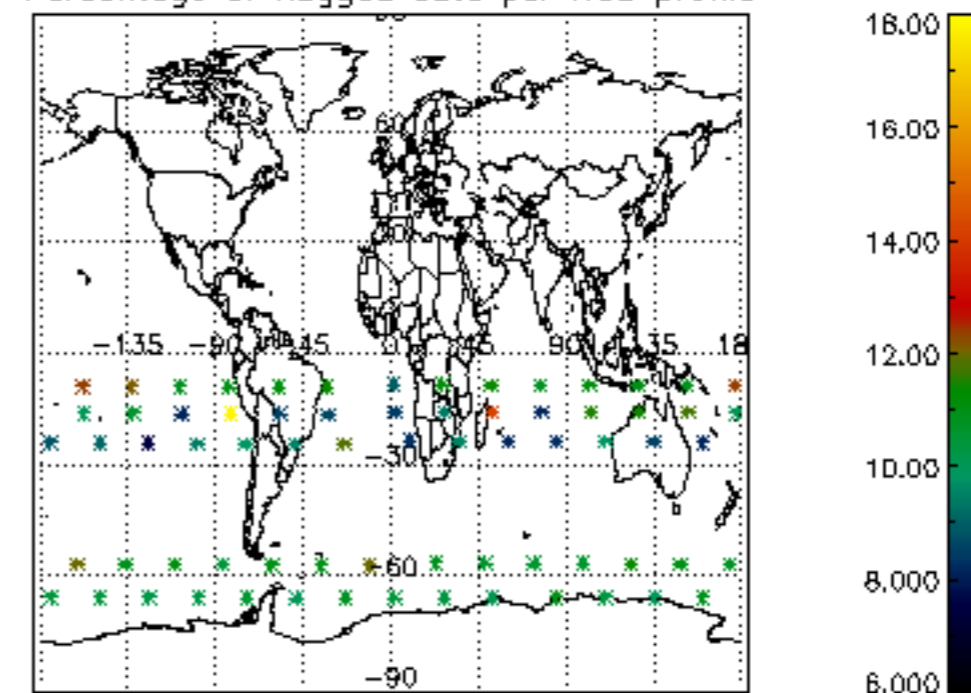
Percentage of flagged data per H2O profile

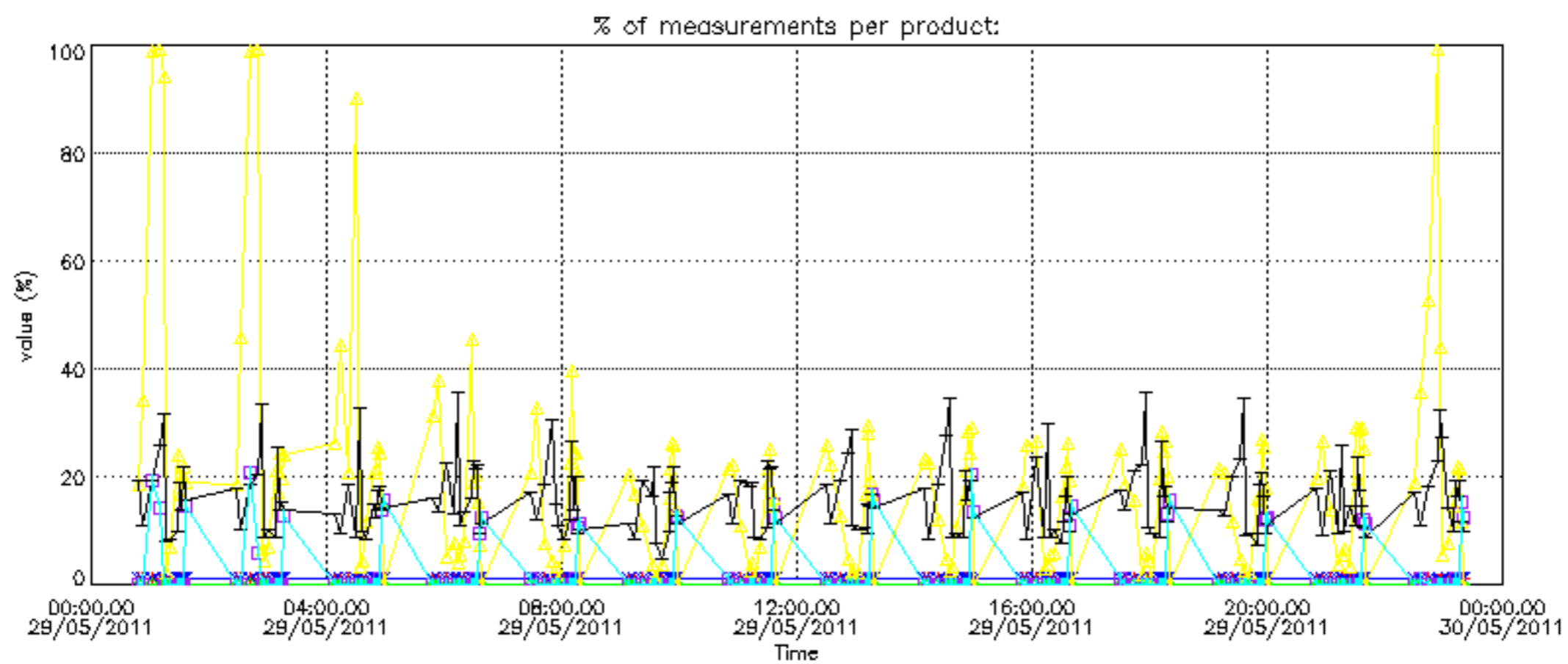
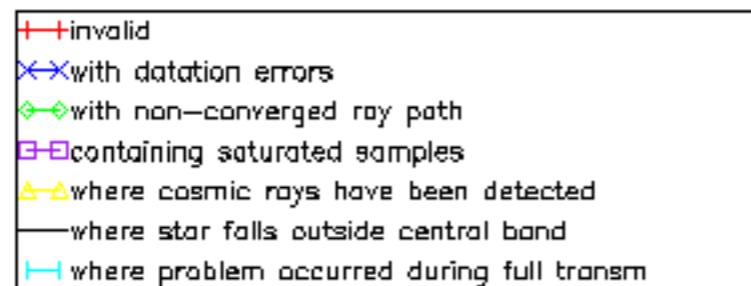


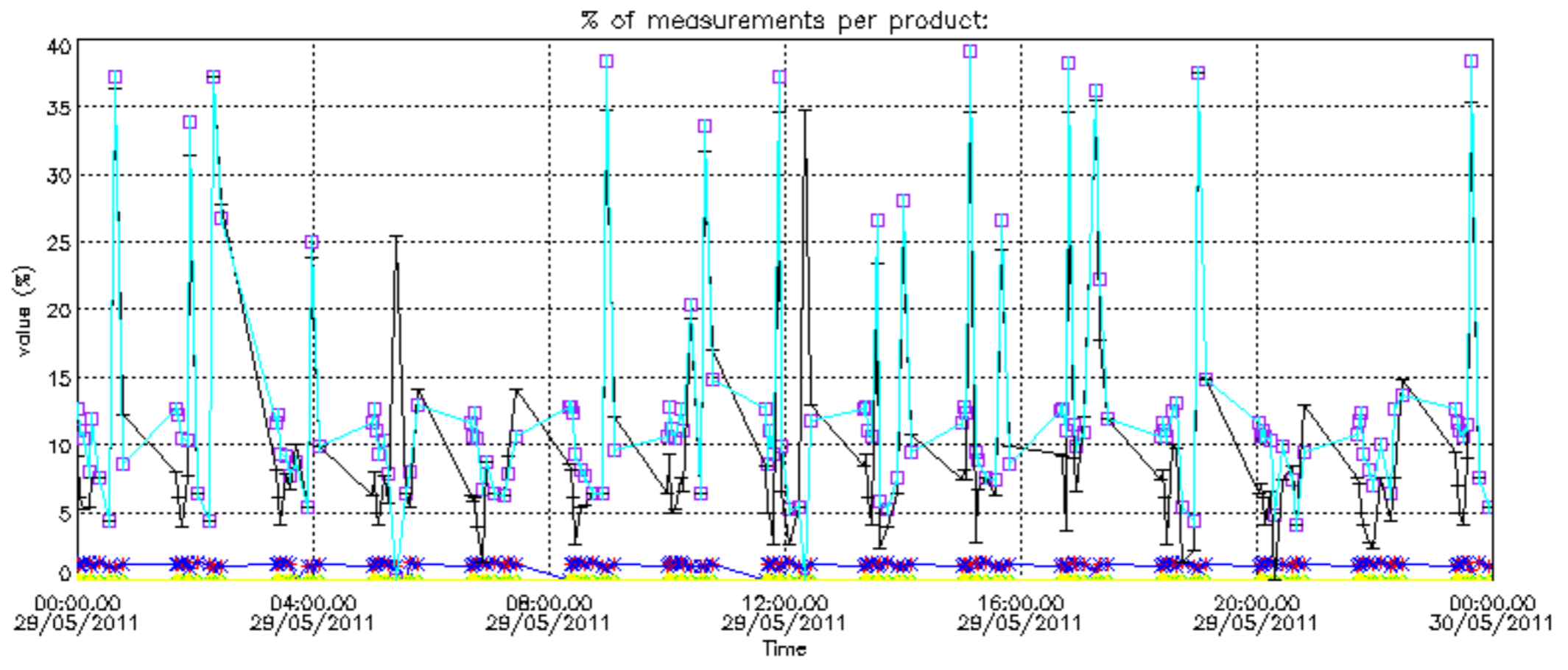
Percentage of flagged data per NO2 profile



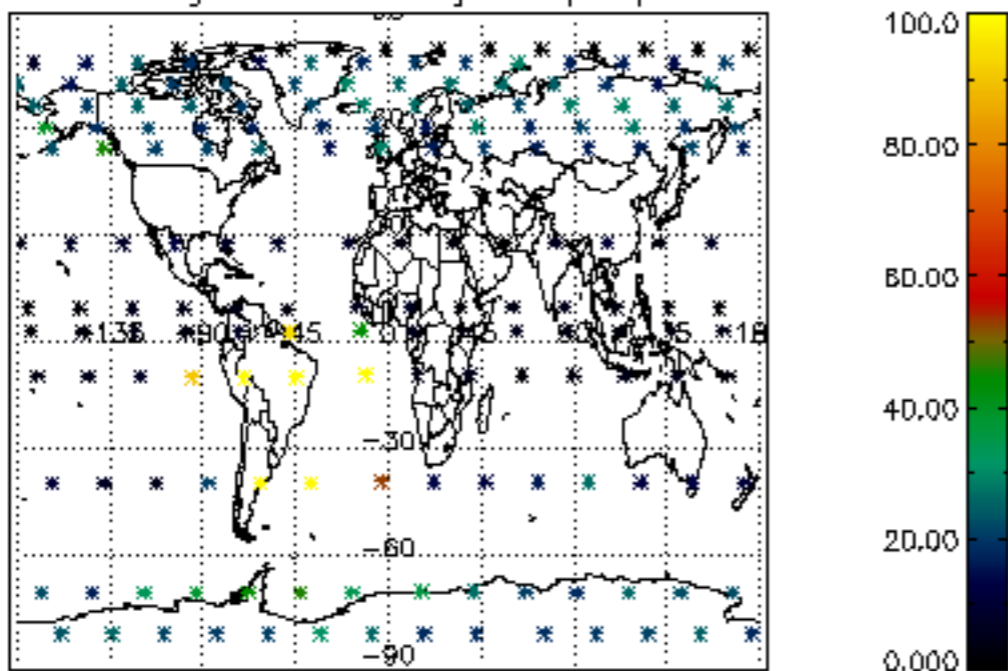
Percentage of flagged data per NO3 profile



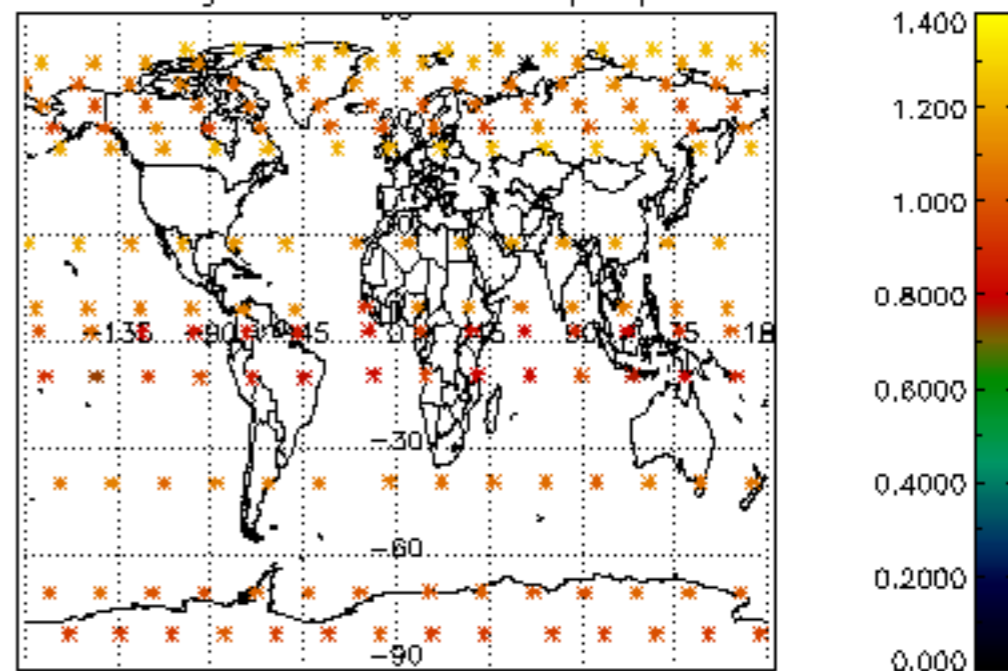




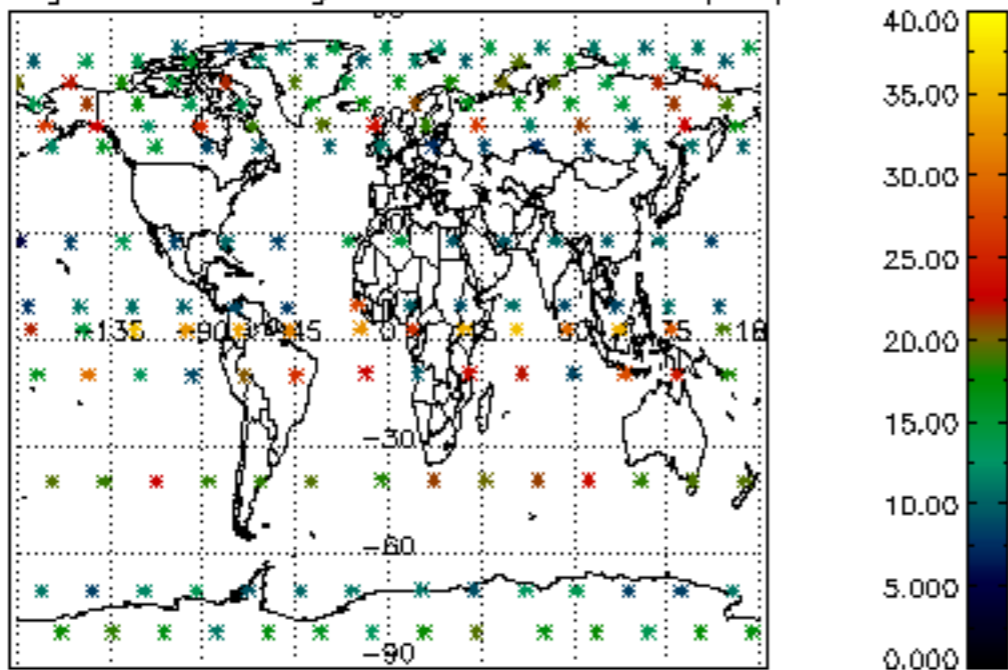
Percentage of cosmic ray hits per profile



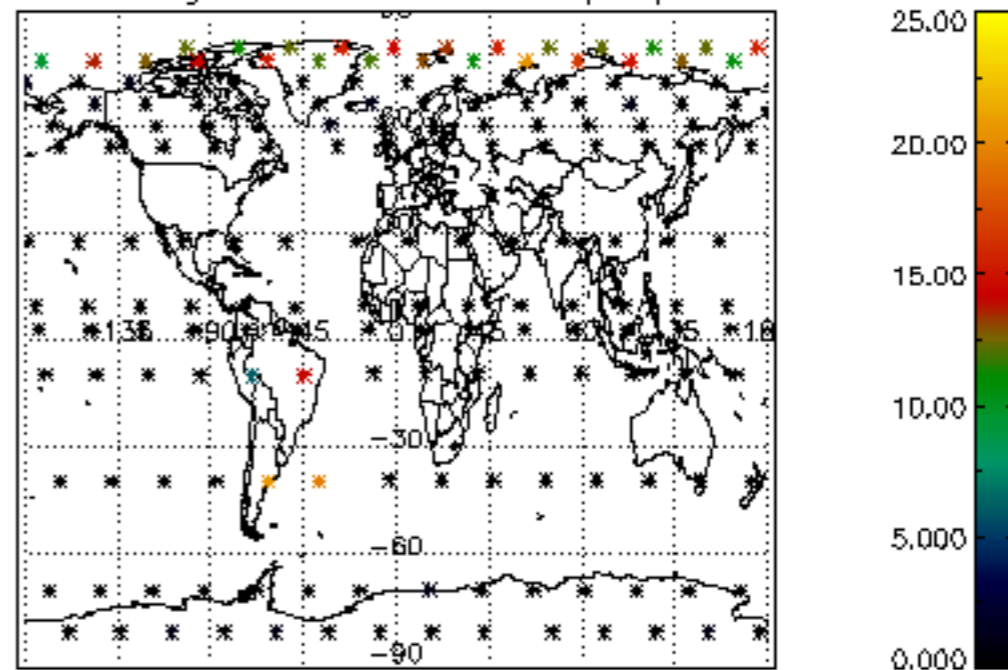
Percentage of datation errors per profile



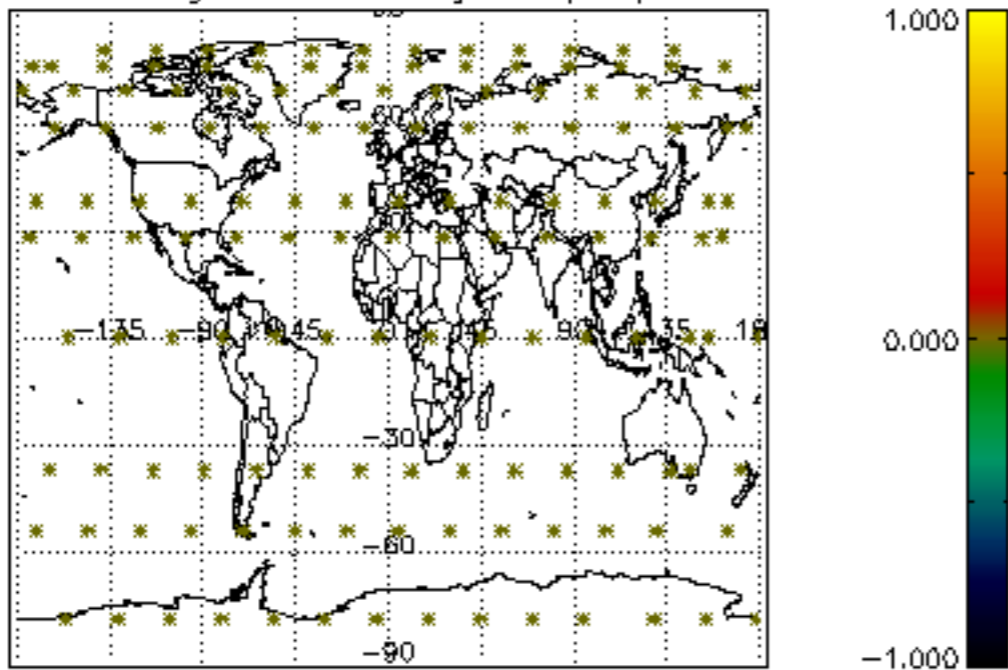
Percentage of star falling outside central band per profile



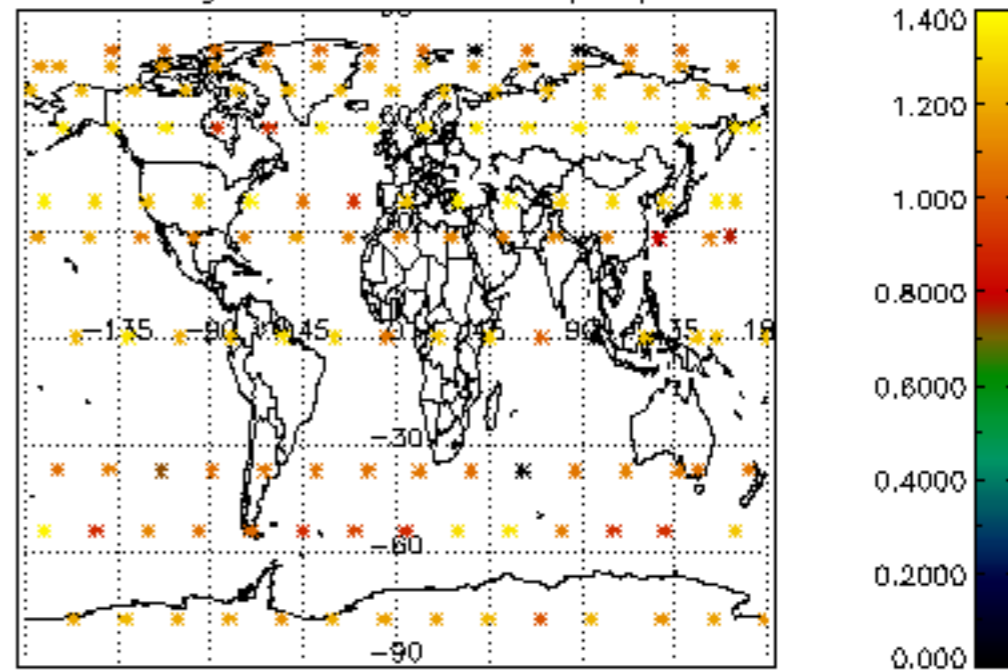
Percentage of saturation errors per profile



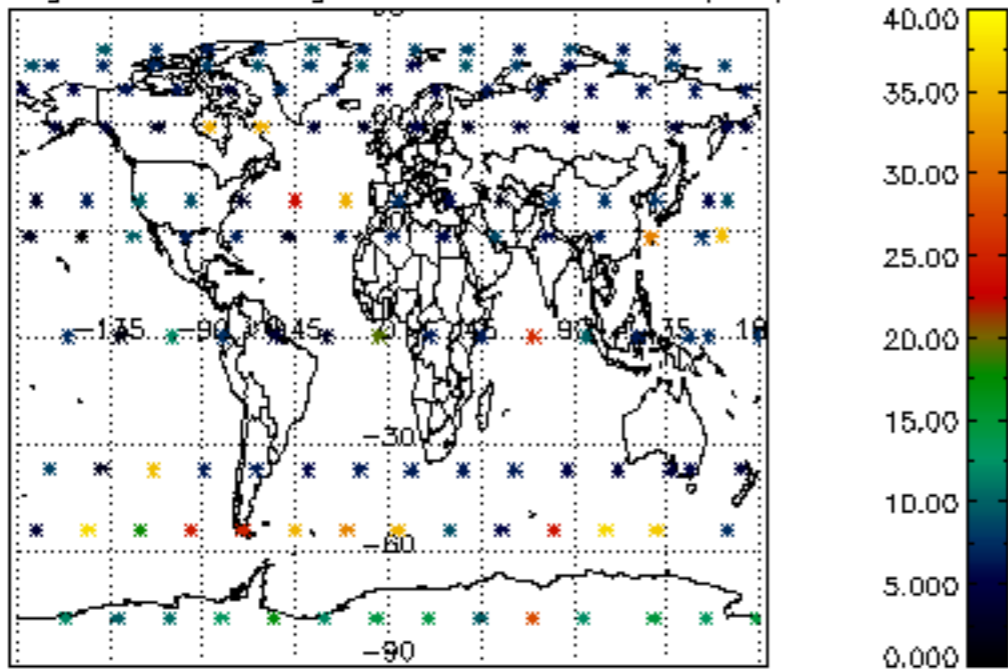
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

