

# GOMOS Level 2 Daily Report

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This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM\_NL\_\_2P). It is intended to monitor some important parameters that will impact the quality of these products. A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

Item	Value
Time of report generation	24APR2013 14:06:53
Data source version	GOMOS/6.01
Start time of products	28-05-2011 (28MAY2011 00:00:00)
Stop time of products	29-05-2011 (29MAY2011 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	305
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__2PRFIN20110528_000938_000000583103_00031_48321_5625.N1	28-MAY-2011 00:09:38	Dark	57.500	63	Bet Gru	2.1500	2800.0	115	48321	No
2	GOM_NL__2PRFIN20110528_001126_000000463103_00031_48321_5626.N1	28-MAY-2011 00:11:26	Dark	45.500	31	Alp Gru	1.7340	15200.	91	48321	No
3	GOM_NL__2PRFIN20110528_001635_000000443103_00031_48321_5627.N1	28-MAY-2011 00:16:35	Dark	43.500	45	Alp Pav	1.9400	26000.	87	48321	No
4	GOM_NL__2PRFIN20110528_002412_000000443103_00031_48321_5628.N1	28-MAY-2011 00:24:12	Straylight	43.500	147	Alp Ara	2.8770	26000.	87	48321	No
5	GOM_NL__2PRFIN20110528_002552_000000493103_00031_48321_5629.N1	28-MAY-2011 00:25:52	Straylight	48.500	40	The Sco	1.8590	7100.0	97	48321	No
6	GOM_NL__2PRFIN20110528_002740_000000473103_00031_48321_5630.N1	28-MAY-2011 00:27:40	Straylight	47.000	25	35Lam Sco	1.6200	28000.	94	48321	No
7	GOM_NL__2PRFIN20110528_002932_000000483103_00031_48321_5631.N1	28-MAY-2011 00:29:32	Twilight_stray	47.500	75	26Eps Sco	2.2910	4250.0	95	48321	No
8	GOM_NL__2PRFIN20110528_003137_000000443103_00031_48321_5632.N1	28-MAY-2011 00:31:37	Twilight_stray	44.000	136	23Tau Sco	2.8220	30000.	88	48321	No
9	GOM_NL__2PRFIN20110528_003345_000000433103_00031_48321_5633.N1	28-MAY-2011 00:33:45	Bright	42.500	80	7Del Sco	2.3160	30000.	85	48321	No
10	GOM_NL__2PRFIN20110528_003521_000000483103_00031_48321_5634.N1	28-MAY-2011 00:35:21	Bright	48.000	86	35Eta Oph	2.4300	10200.	96	48321	No
11	GOM_NL__2PRFIN20110528_003716_000000443103_00031_48321_5635.N1	28-MAY-2011 00:37:16	Bright	43.500	98	13Zet Oph	2.5710	30000.	87	48321	No
12	GOM_NL__2PRFIN20110528_003930_000000423103_00031_48321_5636.N1	28-MAY-2011 00:39:30	Bright	41.500	120	1Del Oph	2.7340	3200.0	83	48321	No
13	GOM_NL__2PRFIN20110528_004231_000000383103_00031_48321_5637.N1	28-MAY-2011 00:42:31	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	48321	No
14	GOM_NL__2PRFIN20110528_004829_000000403103_00031_48321_5638.N1	28-MAY-2011 00:48:29	Bright	39.500	67	5Alp CrB	2.2210	11000.	79	48321	No
15	GOM_NL__2PRFIN20110528_005126_000000453103_00031_48321_5639.N1	28-MAY-2011 00:51:26	Bright	45.000	133	40Zet Her	2.8070	6000.0	90	48321	No
16	GOM_NL__2PRFIN20110528_005909_000000373103_00031_48321_5640.N1	28-MAY-2011 00:59:09	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	48321	No
17	GOM_NL__2PRFIN20110528_010943_000000463103_00031_48321_5641.N1	28-MAY-2011 01:09:43	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	48321	No
18	GOM_NL__2PRFIN20110528_011420_000000553103_00031_48321_5642.N1	28-MAY-2011 01:14:20	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	48321	No
19	GOM_NL__2PRFIN20110528_012154_000000423103_00031_48321_5643.N1	28-MAY-2011 01:21:54	Bright	41.500	53	43Bet And	2.0480	3300.0	83	48321	No
20	GOM_NL__2PRFIN20110528_012430_000000533103_00031_48321_5644.N1	28-MAY-2011 01:24:30	Twilight_stray	53.000	58	21Alp And	2.0730	11000.	106	48321	No
21	GOM_NL__2PRFIN20110528_012912_000000503103_00031_48321_5645.N1	28-MAY-2011 01:29:12	Dark	49.500	140	88Gam Peg	2.8340	26000.	99	48321	No
22	GOM_NL__2PRFIN20110528_013807_000000513103_00031_48321_5646.N1	28-MAY-2011 01:38:07	Dark	50.500	52	16Bet Cet	2.0370	4500.0	101	48321	No
23	GOM_NL__2PRFIN20110528_014953_000000613103_00032_48322_5632.N1	28-MAY-2011 01:49:53	Dark	61.000	63	Bet Gru	2.1500	2800.0	122	48322	No
24	GOM_NL__2PRFIN20110528_015141_000000463103_00032_48322_5633.N1	28-MAY-2011 01:51:41	Dark	45.500	31	Alp Gru	1.7340	15200.	91	48322	No
25	GOM_NL__2PRFIN20110528_015649_000000433103_00032_48322_5634.N1	28-MAY-2011 01:56:49	Dark	43.000	45	Alp Pav	1.9400	26000.	86	48322	No
26	GOM_NL__2PRFIN20110528_020427_000000423103_00032_48322_5635.N1	28-MAY-2011 02:04:27	Straylight	42.000	147	Alp Ara	2.8770	26000.	84	48322	No
27	GOM_NL__2PRFIN20110528_020606_000000483103_00032_48322_5636.N1	28-MAY-2011 02:06:06	Straylight	47.500	40	The Sco	1.8590	7100.0	95	48322	No
28	GOM_NL__2PRFIN20110528_020755_000000493103_00032_48322_5637.N1	28-MAY-2011 02:07:55	Twilight_stray	48.500	25	35Lam Sco	1.6200	28000.	97	48322	No
29	GOM_NL__2PRFIN20110528_020947_000000473103_00032_48322_5638.N1	28-MAY-2011 02:09:47	Twilight_stray	47.000	75	26Eps Sco	2.2910	4250.0	94	48322	No
30	GOM_NL__2PRFIN20110528_021152_000000443103_00032_48322_5639.N1	28-MAY-2011 02:11:52	Twilight_stray	43.500	136	23Tau Sco	2.8220	30000.	87	48322	No
31	GOM_NL__2PRFIN20110528_021400_000000433103_00032_48322_5640.N1	28-MAY-2011 02:14:00	Bright	43.000	80	7Del Sco	2.3160	30000.	86	48322	No
32	GOM_NL__2PRFIN20110528_021535_000000493103_00032_48322_5641.N1	28-MAY-2011 02:15:35	Bright	48.500	86	35Eta Oph	2.4300	10200.	97	48322	No
33	GOM_NL__2PRFIN20110528_021730_000000493103_00032_48322_5642.N1	28-MAY-2011 02:17:30	Bright	48.500	98	13Zet Oph	2.5710	30000.	97	48322	No
34	GOM_NL__2PRFIN20110528_021944_000000413103_00032_48322_5643.N1	28-MAY-2011 02:19:44	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	48322	No
35	GOM_NL__2PRFIN20110528_022245_000000393103_00032_48322_5644.N1	28-MAY-2011 02:22:45	Bright	38.500	102	24Alp Ser	2.6000	4250.0	77	48322	No
36	GOM_NL__2PRFIN20110528_022843_000000403103_00032_48322_5645.N1	28-MAY-2011 02:28:43	Bright	40.000	67	5Alp CrB	2.2210	11000.	80	48322	No
37	GOM_NL__2PRFIN20110528_023139_000000463103_00032_48322_5646.N1	28-MAY-2011 02:31:39	Bright	46.000	133	40Zet Her	2.8070	6000.0	92	48322	No
38	GOM_NL__2PRFIN20110528_023923_000000573103_00032_48322_5647.N1	28-MAY-2011 02:39:23	Bright	56.500	119	14Eta Dra	2.7270	4700.0	113	48322	No
39	GOM_NL__2PRFIN20110528_024956_000000483103_00032_48322_5648.N1	28-MAY-2011 02:49:56	Bright	47.500	89	5Alp Cep	2.4510	8000.0	95	48322	No
40	GOM_NL__2PRFIN20110528_025434_000000553103_00032_48322_5649.N1	28-MAY-2011 02:54:34	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	48322	No
41	GOM_NL__2PRFIN20110528_030208_000000423103_00032_48322_5650.N1	28-MAY-2011 03:02:08	Bright	41.500	53	43Bet And	2.0480	3300.0	83	48322	No
42	GOM_NL__2PRFIN20110528_030444_000000503103_00032_48322_5651.N1	28-MAY-2011 03:04:44	Twilight_stray	49.500	58	21Alp And	2.0730	11000.	99	48322	No

43	GOM_NL__2PRFIN20110528_030926_000000483103_00032_48322_5652.N1	28-MAY-2011 03:09:26	Dark	48.000	140	88Gam Peg	2.8340	26000.	96	48322	No
44	GOM_NL__2PRFIN20110528_031821_000000473103_00032_48322_5653.N1	28-MAY-2011 03:18:21	Dark	46.500	52	16Bet Cet	2.0370	4500.0	93	48322	No
45	GOM_NL__2PRFIN20110528_033008_000000493103_00033_48323_5646.N1	28-MAY-2011 03:30:08	Dark	49.000	63	Bet Gru	2.1500	2800.0	98	48323	No
46	GOM_NL__2PRFIN20110528_033156_000000503103_00033_48323_5647.N1	28-MAY-2011 03:31:56	Dark	50.000	31	Alp Gru	1.7340	15200.	100	48323	No
47	GOM_NL__2PRFIN20110528_033704_000000433103_00033_48323_5648.N1	28-MAY-2011 03:37:04	Dark	43.000	45	Alp Pav	1.9400	26000.	86	48323	No
48	GOM_NL__2PRFIN20110528_034441_000000413103_00033_48323_5649.N1	28-MAY-2011 03:44:41	Straylight	40.500	147	Alp Ara	2.8770	26000.	81	48323	No
49	GOM_NL__2PRFIN20110528_034621_000000483103_00033_48323_5650.N1	28-MAY-2011 03:46:21	Straylight	47.500	40	The Sco	1.8590	7100.0	95	48323	No
50	GOM_NL__2PRFIN20110528_034809_000000483103_00033_48323_5651.N1	28-MAY-2011 03:48:09	Twi_and_stray	47.500	25	35Lam Sco	1.6200	28000.	95	48323	No
51	GOM_NL__2PRFIN20110528_035001_000000463103_00033_48323_5652.N1	28-MAY-2011 03:50:01	Twi_and_stray	45.500	75	26Eps Sco	2.2910	4250.0	91	48323	No
52	GOM_NL__2PRFIN20110528_035206_000000433103_00033_48323_5653.N1	28-MAY-2011 03:52:06	Twi_and_stray	42.500	136	23Tau Sco	2.8220	30000.	85	48323	No
53	GOM_NL__2PRFIN20110528_035414_000000423103_00033_48323_5654.N1	28-MAY-2011 03:54:14	Bright	41.500	80	7Del Sco	2.3160	30000.	83	48323	No
54	GOM_NL__2PRFIN20110528_035550_000000493103_00033_48323_5655.N1	28-MAY-2011 03:55:50	Bright	48.500	86	35Eta Oph	2.4300	10200.	97	48323	No
55	GOM_NL__2PRFIN20110528_035744_000000443103_00033_48323_5656.N1	28-MAY-2011 03:57:44	Bright	44.000	98	13Zet Oph	2.5710	30000.	88	48323	No
56	GOM_NL__2PRFIN20110528_035958_000000423103_00033_48323_5657.N1	28-MAY-2011 03:59:58	Bright	41.500	120	1Del Oph	2.7340	3200.0	83	48323	No
57	GOM_NL__2PRFIN20110528_040259_000000383103_00033_48323_5658.N1	28-MAY-2011 04:02:59	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	48323	No
58	GOM_NL__2PRFIN20110528_040857_000000403103_00033_48323_5659.N1	28-MAY-2011 04:08:57	Bright	39.500	67	5Alp CrB	2.2210	11000.	79	48323	No
59	GOM_NL__2PRFIN20110528_041153_000000473103_00033_48323_5660.N1	28-MAY-2011 04:11:53	Bright	46.500	133	40Zet Her	2.8070	6000.0	93	48323	No
60	GOM_NL__2PRFIN20110528_041937_000000393103_00033_48323_5661.N1	28-MAY-2011 04:19:37	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	48323	No
61	GOM_NL__2PRFIN20110528_043010_000000463103_00033_48323_5662.N1	28-MAY-2011 04:30:10	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	48323	No
62	GOM_NL__2PRFIN20110528_043448_000000433103_00033_48323_5663.N1	28-MAY-2011 04:34:48	Bright	43.000	76	27Gam Cas	2.3000	30000.	86	48323	No
63	GOM_NL__2PRFIN20110528_044222_000000413103_00033_48323_5664.N1	28-MAY-2011 04:42:22	Bright	41.000	53	43Bet And	2.0480	3300.0	82	48323	No
64	GOM_NL__2PRFIN20110528_044458_000000543103_00033_48323_5665.N1	28-MAY-2011 04:44:58	Twi_and_stray	53.500	58	21Alp And	2.0730	11000.	107	48323	No
65	GOM_NL__2PRFIN20110528_044941_000000493103_00033_48323_5666.N1	28-MAY-2011 04:49:41	Dark	49.000	140	88Gam Peg	2.8340	26000.	98	48323	No
66	GOM_NL__2PRFIN20110528_045836_000000493103_00033_48323_5667.N1	28-MAY-2011 04:58:36	Dark	48.500	52	16Bet Cet	2.0370	4500.0	97	48323	No
67	GOM_NL__2PRFIN20110528_051023_000000603103_00034_48324_5657.N1	28-MAY-2011 05:10:23	Dark	59.500	63	Bet Gru	2.1500	2800.0	119	48324	No
68	GOM_NL__2PRFIN20110528_051210_000000463103_00034_48324_5658.N1	28-MAY-2011 05:12:10	Dark	46.000	31	Alp Gru	1.7340	15200.	92	48324	No
69	GOM_NL__2PRFIN20110528_051719_000000443103_00034_48324_5659.N1	28-MAY-2011 05:17:19	Dark	43.500	45	Alp Pav	1.9400	26000.	87	48324	No
70	GOM_NL__2PRFIN20110528_052456_000000403103_00034_48324_5660.N1	28-MAY-2011 05:24:56	Straylight	39.500	147	Alp Ara	2.8770	26000.	79	48324	No
71	GOM_NL__2PRFIN20110528_052635_000000483103_00034_48324_5661.N1	28-MAY-2011 05:26:35	Straylight	47.500	40	The Sco	1.8590	7100.0	95	48324	No
72	GOM_NL__2PRFIN20110528_052824_000000453103_00034_48324_5662.N1	28-MAY-2011 05:28:24	Twi_and_stray	45.000	25	35Lam Sco	1.6200	28000.	90	48324	No
73	GOM_NL__2PRFIN20110528_053016_000000483103_00034_48324_5663.N1	28-MAY-2011 05:30:16	Twi_and_stray	48.000	75	26Eps Sco	2.2910	4250.0	96	48324	No
74	GOM_NL__2PRFIN20110528_053221_000000453103_00034_48324_5664.N1	28-MAY-2011 05:32:21	Twi_and_stray	44.500	136	23Tau Sco	2.8220	30000.	89	48324	No
75	GOM_NL__2PRFIN20110528_053428_000000423103_00034_48324_5665.N1	28-MAY-2011 05:34:28	Bright	42.000	80	7Del Sco	2.3160	30000.	84	48324	No
76	GOM_NL__2PRFIN20110528_053604_000000493103_00034_48324_5666.N1	28-MAY-2011 05:36:04	Bright	49.000	86	35Eta Oph	2.4300	10200.	98	48324	No
77	GOM_NL__2PRFIN20110528_053758_000000433103_00034_48324_5667.N1	28-MAY-2011 05:37:58	Bright	43.000	98	13Zet Oph	2.5710	30000.	86	48324	No
78	GOM_NL__2PRFIN20110528_054012_000000413103_00034_48324_5668.N1	28-MAY-2011 05:40:12	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	48324	No
79	GOM_NL__2PRFIN20110528_054313_000000383103_00034_48324_5669.N1	28-MAY-2011 05:43:13	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	48324	No
80	GOM_NL__2PRFIN20110528_054911_000000403103_00034_48324_5670.N1	28-MAY-2011 05:49:11	Bright	39.500	67	5Alp CrB	2.2210	11000.	79	48324	No
81	GOM_NL__2PRFIN20110528_055206_000000473103_00034_48324_5671.N1	28-MAY-2011 05:52:06	Bright	46.500	133	40Zet Her	2.8070	6000.0	93	48324	No
82	GOM_NL__2PRFIN20110528_055951_000000393103_00034_48324_5672.N1	28-MAY-2011 05:59:51	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	48324	No
83	GOM_NL__2PRFIN20110528_061023_000000443103_00034_48324_5673.N1	28-MAY-2011 06:10:23	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	48324	No
84	GOM_NL__2PRFIN20110528_061502_000000373103_00034_48324_5674.N1	28-MAY-2011 06:15:02	Bright	37.000	76	27Gam Cas	2.3000	30000.	74	48324	No
85	GOM_NL__2PRFIN20110528_062237_000000423103_00034_48324_5675.N1	28-MAY-2011 06:22:37	Bright	42.000	53	43Bet And	2.0480	3300.0	84	48324	No
86	GOM_NL__2PRFIN20110528_062513_000000513103_00034_48324_5676.N1	28-MAY-2011 06:25:13	Twi_and_stray	50.500	58	21Alp And	2.0730	11000.	101	48324	No
87	GOM_NL__2PRFIN20110528_062956_000000473103_00034_48324_5677.N1	28-MAY-2011 06:29:56	Dark	47.000	140	88Gam Peg	2.8340	26000.	94	48324	No
88	GOM_NL__2PRFIN20110528_063850_000000473103_00034_48324_5678.N1	28-MAY-2011 06:38:50	Dark	46.500	52	16Bet Cet	2.0370	4500.0	93	48324	No
89	GOM_NL__2PRFIN20110528_065037_000000623103_00035_48325_5703.N1	28-MAY-2011 06:50:37	Dark	62.000	63	Bet Gru	2.1500	2800.0	124	48325	No
90	GOM_NL__2PRFIN20110528_065225_000000473103_00035_48325_5704.N1	28-MAY-2011 06:52:25	Dark	46.500	31	Alp Gru	1.7340	15200.	93	48325	No
91	GOM_NL__2PRFIN20110528_065734_000000443103_00035_48325_5705.N1	28-MAY-2011 06:57:34	Dark	43.500	45	Alp Pav	1.9400	26000.	87	48325	No
92	GOM_NL__2PRFIN20110528_070511_000000413103_00035_48325_5706.N1	28-MAY-2011 07:05:11	Straylight	40.500	147	Alp Ara	2.8770	26000.	81	48325	No
93	GOM_NL__2PRFIN20110528_070650_000000473103_00035_48325_5707.N1	28-MAY-2011 07:06:50	Straylight	47.000	40	The Sco	1.8590	7100.0	94	48325	No
94	GOM_NL__2PRFIN20110528_070838_000000523103_00035_48325_5708.N1	28-MAY-2011 07:08:38	Twi_and_stray	51.500	25	35Lam Sco	1.6200	28000.	103	48325	No
95	GOM_NL__2PRFIN20110528_071030_000000483103_00035_48325_5709.N1	28-MAY-2011 07:10:30	Twi_and_stray	47.500	75	26Eps Sco	2.2910	4250.0	95	48325	No
96	GOM_NL__2PRFIN20110528_071234_000000423103_00035_48325_5710.N1	28-MAY-2011 07:12:34	Twi_and_stray	41.500	136	23Tau Sco	2.8220	30000.	83	48325	No
97	GOM_NL__2PRFIN20110528_071442_000000423103_00035_48325_5711.N1	28-MAY-2011 07:14:42	Bright	42.000	80	7Del Sco	2.3160	30000.	84	48325	No
98	GOM_NL__2PRFIN20110528_071618_000000473103_00035_48325_5712.N1	28-MAY-2011 07:16:18	Bright	47.000	86	35Eta Oph	2.4300	10200.	94	48325	No
99	GOM_NL__2PRFIN20110528_071813_000000443103_00035_48325_5713.N1	28-MAY-2011 07:18:13	Bright	43.500	98	13Zet Oph	2.5710	30000.	87	48325	No
100	GOM_NL__2PRFIN20110528_072026_000000413103_00035_48325_5714.N1	28-MAY-2011 07:20:26	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	48325	No
101	GOM_NL__2PRFIN20110528_072327_000000383103_00035_48325_5715.N1	28-MAY-2011 07:23:27	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	48325	No

102	GOM_NL__2PRFIN20110528_072924_000000513103_00035_48325_5716.N1	28-MAY-2011 07:29:24	Bright	51.000	67	5Alp CrB	2.2210	11000.	102	48325	No
103	GOM_NL__2PRFIN20110528_073219_000000463103_00035_48325_5717.N1	28-MAY-2011 07:32:19	Bright	45.500	133	40Zet Her	2.8070	6000.0	91	48325	No
104	GOM_NL__2PRFIN20110528_074004_000000403103_00035_48325_5718.N1	28-MAY-2011 07:40:04	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	48325	No
105	GOM_NL__2PRFIN20110528_075037_000000633103_00035_48325_5719.N1	28-MAY-2011 07:50:37	Bright	62.500	89	5Alp Cep	2.4510	8000.0	125	48325	No
106	GOM_NL__2PRFIN20110528_075516_000000473103_00035_48325_5720.N1	28-MAY-2011 07:55:16	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	48325	No
107	GOM_NL__2PRFIN20110528_080251_000000413103_00035_48325_5721.N1	28-MAY-2011 08:02:51	Bright	40.500	53	43Bet And	2.0480	3300.0	81	48325	No
108	GOM_NL__2PRFIN20110528_080527_000000493103_00035_48325_5722.N1	28-MAY-2011 08:05:27	Twilight	49.000	58	21Alp And	2.0730	11000.	98	48325	No
109	GOM_NL__2PRFIN20110528_081010_000000513103_00035_48325_5723.N1	28-MAY-2011 08:10:10	Dark	51.000	140	88Gam Peg	2.8340	26000.	102	48325	No
110	GOM_NL__2PRFIN20110528_081905_000000483103_00035_48325_5724.N1	28-MAY-2011 08:19:05	Dark	48.000	52	16Bet Cet	2.0370	4500.0	96	48325	No
111	GOM_NL__2PRFIN20110528_083052_000000493103_00036_48326_5761.N1	28-MAY-2011 08:30:52	Dark	48.500	63	Bet Gru	2.1500	2800.0	97	48326	No
112	GOM_NL__2PRFIN20110528_083240_000000473103_00036_48326_5762.N1	28-MAY-2011 08:32:40	Dark	46.500	31	Alp Gru	1.7340	15200.	93	48326	No
113	GOM_NL__2PRFIN20110528_083748_000000443103_00036_48326_5763.N1	28-MAY-2011 08:37:48	Dark	43.500	45	Alp Pav	1.9400	26000.	87	48326	No
114	GOM_NL__2PRFIN20110528_084525_000000433103_00036_48326_5764.N1	28-MAY-2011 08:45:25	Straylight	42.500	147	Alp Ara	2.8770	26000.	85	48326	No
115	GOM_NL__2PRFIN20110528_084704_000000543103_00036_48326_5765.N1	28-MAY-2011 08:47:04	Straylight	54.000	40	The Sco	1.8590	7100.0	108	48326	No
116	GOM_NL__2PRFIN20110528_084853_000000493103_00036_48326_5766.N1	28-MAY-2011 08:48:53	Twilight	48.500	25	35Lam Sco	1.6200	28000.	97	48326	No
117	GOM_NL__2PRFIN20110528_085044_000000463103_00036_48326_5767.N1	28-MAY-2011 08:50:44	Twilight	46.000	75	26Eps Sco	2.2910	4250.0	92	48326	No
118	GOM_NL__2PRFIN20110528_085249_000000453103_00036_48326_5768.N1	28-MAY-2011 08:52:49	Twilight	45.000	136	23Tau Sco	2.8220	30000.	90	48326	No
119	GOM_NL__2PRFIN20110528_085826_000000433103_00036_48326_5769.N1	28-MAY-2011 08:58:26	Bright	43.000	98	13Zet Oph	2.5710	30000.	86	48326	No
120	GOM_NL__2PRFIN20110528_090040_000000413103_00036_48326_5770.N1	28-MAY-2011 09:00:40	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	48326	No
121	GOM_NL__2PRFIN20110528_090341_000000383103_00036_48326_5771.N1	28-MAY-2011 09:03:41	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	48326	No
122	GOM_NL__2PRFIN20110528_090938_000000393103_00036_48326_5772.N1	28-MAY-2011 09:09:38	Bright	38.500	67	5Alp CrB	2.2210	11000.	77	48326	No
123	GOM_NL__2PRFIN20110528_091233_000000453103_00036_48326_5773.N1	28-MAY-2011 09:12:33	Bright	44.500	133	40Zet Her	2.8070	6000.0	89	48326	No
124	GOM_NL__2PRFIN20110528_092018_000000403103_00036_48326_5774.N1	28-MAY-2011 09:20:18	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	48326	No
125	GOM_NL__2PRFIN20110528_093050_000000473103_00036_48326_5775.N1	28-MAY-2011 09:30:50	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	48326	No
126	GOM_NL__2PRFIN20110528_093530_000000553103_00036_48326_5776.N1	28-MAY-2011 09:35:30	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	48326	No
127	GOM_NL__2PRFIN20110528_094305_000000413103_00036_48326_5777.N1	28-MAY-2011 09:43:05	Bright	40.500	53	43Bet And	2.0480	3300.0	81	48326	No
128	GOM_NL__2PRFIN20110528_094541_000000503103_00036_48326_5778.N1	28-MAY-2011 09:45:41	Twilight	50.000	58	21Alp And	2.0730	11000.	100	48326	No
129	GOM_NL__2PRFIN20110528_095025_000000513103_00036_48326_5779.N1	28-MAY-2011 09:50:25	Dark	50.500	140	88Gam Peg	2.8340	26000.	101	48326	No
130	GOM_NL__2PRFIN20110528_095919_000000543103_00036_48326_5780.N1	28-MAY-2011 09:59:19	Dark	53.500	52	16Bet Cet	2.0370	4500.0	107	48326	No
131	GOM_NL__2PRFIN20110528_101107_000000593103_00037_48327_5827.N1	28-MAY-2011 10:11:07	Dark	59.000	63	Bet Gru	2.1500	2800.0	118	48327	No
132	GOM_NL__2PRFIN20110528_101255_000000483103_00037_48327_5828.N1	28-MAY-2011 10:12:55	Dark	48.000	31	Alp Gru	1.7340	15200.	96	48327	No
133	GOM_NL__2PRFIN20110528_101803_000000463103_00037_48327_5829.N1	28-MAY-2011 10:18:03	Dark	45.500	45	Alp Pav	1.9400	26000.	91	48327	No
134	GOM_NL__2PRFIN20110528_102539_000000403103_00037_48327_5830.N1	28-MAY-2011 10:25:39	Straylight	40.000	147	Alp Ara	2.8770	26000.	80	48327	No
135	GOM_NL__2PRFIN20110528_102719_000000493103_00037_48327_5831.N1	28-MAY-2011 10:27:19	Straylight	48.500	40	The Sco	1.8590	7100.0	97	48327	No
136	GOM_NL__2PRFIN20110528_102907_000000503103_00037_48327_5832.N1	28-MAY-2011 10:29:07	Twilight	50.000	25	35Lam Sco	1.6200	28000.	100	48327	No
137	GOM_NL__2PRFIN20110528_103058_000000453103_00037_48327_5833.N1	28-MAY-2011 10:30:58	Twilight	44.500	75	26Eps Sco	2.2910	4250.0	89	48327	No
138	GOM_NL__2PRFIN20110528_103303_000000443103_00037_48327_5834.N1	28-MAY-2011 10:33:03	Twilight	44.000	136	23Tau Sco	2.8220	30000.	88	48327	No
139	GOM_NL__2PRFIN20110528_103840_000000413103_00037_48327_5835.N1	28-MAY-2011 10:38:40	Bright	41.000	98	13Zet Oph	2.5710	30000.	82	48327	No
140	GOM_NL__2PRFIN20110528_104054_000000413103_00037_48327_5836.N1	28-MAY-2011 10:40:54	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	48327	No
141	GOM_NL__2PRFIN20110528_104355_000000383103_00037_48327_5837.N1	28-MAY-2011 10:43:55	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	48327	No
142	GOM_NL__2PRFIN20110528_104952_000000403103_00037_48327_5838.N1	28-MAY-2011 10:49:52	Bright	39.500	67	5Alp CrB	2.2210	11000.	79	48327	No
143	GOM_NL__2PRFIN20110528_105246_000000663103_00037_48327_5839.N1	28-MAY-2011 10:52:46	Bright	66.000	133	40Zet Her	2.8070	6000.0	132	48327	No
144	GOM_NL__2PRFIN20110528_110032_000000413103_00037_48327_5840.N1	28-MAY-2011 11:00:32	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	48327	No
145	GOM_NL__2PRFIN20110528_111103_000000473103_00037_48327_5841.N1	28-MAY-2011 11:11:03	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	48327	No
146	GOM_NL__2PRFIN20110528_111544_000000453103_00037_48327_5842.N1	28-MAY-2011 11:15:44	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	48327	No
147	GOM_NL__2PRFIN20110528_112319_000000383103_00037_48327_5843.N1	28-MAY-2011 11:23:19	Bright	38.000	53	43Bet And	2.0480	3300.0	76	48327	No
148	GOM_NL__2PRFIN20110528_112555_000000523103_00037_48327_5844.N1	28-MAY-2011 11:25:55	Twilight	51.500	58	21Alp And	2.0730	11000.	103	48327	No
149	GOM_NL__2PRFIN20110528_113039_000000503103_00037_48327_5845.N1	28-MAY-2011 11:30:39	Dark	49.500	140	88Gam Peg	2.8340	26000.	99	48327	No
150	GOM_NL__2PRFIN20110528_113934_000000463103_00037_48327_5846.N1	28-MAY-2011 11:39:34	Dark	46.000	52	16Bet Cet	2.0370	4500.0	92	48327	No
151	GOM_NL__2PRFIN20110528_115122_000000523103_00038_48328_5902.N1	28-MAY-2011 11:51:22	Dark	51.500	63	Bet Gru	2.1500	2800.0	103	48328	No
152	GOM_NL__2PRFIN20110528_115310_000000473103_00038_48328_5903.N1	28-MAY-2011 11:53:10	Dark	47.000	31	Alp Gru	1.7340	15200.	94	48328	No
153	GOM_NL__2PRFIN20110528_115817_000000443103_00038_48328_5904.N1	28-MAY-2011 11:58:17	Dark	43.500	45	Alp Pav	1.9400	26000.	87	48328	No
154	GOM_NL__2PRFIN20110528_120554_000000413103_00038_48328_5905.N1	28-MAY-2011 12:05:54	Straylight	40.500	147	Alp Ara	2.8770	26000.	81	48328	No
155	GOM_NL__2PRFIN20110528_120733_000000473103_00038_48328_5906.N1	28-MAY-2011 12:07:33	Straylight	46.500	40	The Sco	1.8590	7100.0	93	48328	No
156	GOM_NL__2PRFIN20110528_120922_000000513103_00038_48328_5907.N1	28-MAY-2011 12:09:22	Twilight	51.000	25	35Lam Sco	1.6200	28000.	102	48328	No
157	GOM_NL__2PRFIN20110528_121113_000000453103_00038_48328_5908.N1	28-MAY-2011 12:11:13	Twilight	45.000	75	26Eps Sco	2.2910	4250.0	90	48328	No
158	GOM_NL__2PRFIN20110528_121317_000000423103_00038_48328_5909.N1	28-MAY-2011 12:13:17	Twilight	42.000	136	23Tau Sco	2.8220	30000.	84	48328	No
159	GOM_NL__2PRFIN20110528_121854_000000443103_00038_48328_5910.N1	28-MAY-2011 12:18:54	Bright	44.000	98	13Zet Oph	2.5710	30000.	88	48328	No
160	GOM_NL__2PRFIN20110528_122108_000000413103_00038_48328_5911.N1	28-MAY-2011 12:21:08	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	48328	No

161	GOM_NL__2PRFIN20110528_122409_000000563103_00038_48328_5912.N1	28-MAY-2011 12:24:09	Bright	56.000	102	24Alp Ser	2.6000	4250.0	112	48328	No
162	GOM_NL__2PRFIN20110528_123006_000000563103_00038_48328_5913.N1	28-MAY-2011 12:30:06	Bright	56.000	67	5Alp CrB	2.2210	11000.	112	48328	No
163	GOM_NL__2PRFIN20110528_123300_000000433103_00038_48328_5914.N1	28-MAY-2011 12:33:00	Bright	43.000	133	40Zet Her	2.8070	6000.0	86	48328	No
164	GOM_NL__2PRFIN20110528_124045_000000363103_00038_48328_5915.N1	28-MAY-2011 12:40:45	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	48328	No
165	GOM_NL__2PRFIN20110528_125117_000000453103_00038_48328_5916.N1	28-MAY-2011 12:51:17	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	48328	No
166	GOM_NL__2PRFIN20110528_125557_000000353103_00038_48328_5917.N1	28-MAY-2011 12:55:57	Bright	35.000	76	27Gam Cas	2.3000	30000.	70	48328	No
167	GOM_NL__2PRFIN20110528_130333_000000433103_00038_48328_5918.N1	28-MAY-2011 13:03:33	Bright	42.500	53	43Bet And	2.0480	3300.0	85	48328	No
168	GOM_NL__2PRFIN20110528_130609_000000543103_00038_48328_5919.N1	28-MAY-2011 13:06:09	Twilight	54.000	58	21Alp And	2.0730	11000.	108	48328	No
169	GOM_NL__2PRFIN20110528_131054_000000493103_00038_48328_5920.N1	28-MAY-2011 13:10:54	Dark	49.000	140	88Gam Peg	2.8340	26000.	98	48328	No
170	GOM_NL__2PRFIN20110528_131948_000000463103_00038_48328_5921.N1	28-MAY-2011 13:19:48	Dark	45.500	52	16Bet Cet	2.0370	4500.0	91	48328	No
171	GOM_NL__2PRFIN20110528_133137_000000563103_00039_48329_5995.N1	28-MAY-2011 13:31:37	Dark	55.500	63	Bet Gru	2.1500	2800.0	111	48329	No
172	GOM_NL__2PRFIN20110528_133325_000000473103_00039_48329_5996.N1	28-MAY-2011 13:33:25	Dark	46.500	31	Alp Gru	1.7340	15200.	93	48329	No
173	GOM_NL__2PRFIN20110528_133832_000000413103_00039_48329_5997.N1	28-MAY-2011 13:38:32	Dark	41.000	45	Alp Pav	1.9400	26000.	82	48329	No
174	GOM_NL__2PRFIN20110528_134608_000000403103_00039_48329_5998.N1	28-MAY-2011 13:46:08	Straylight	40.000	147	Alp Ara	2.8770	26000.	80	48329	No
175	GOM_NL__2PRFIN20110528_134748_000000473103_00039_48329_5999.N1	28-MAY-2011 13:47:48	Straylight	46.500	40	The Sco	1.8590	7100.0	93	48329	No
176	GOM_NL__2PRFIN20110528_134936_000000503103_00039_48329_6000.N1	28-MAY-2011 13:49:36	Twilight	49.500	25	35Lam Sco	1.6200	28000.	99	48329	No
177	GOM_NL__2PRFIN20110528_135127_000000483103_00039_48329_6001.N1	28-MAY-2011 13:51:27	Twilight	47.500	75	26Eps Sco	2.2910	4250.0	95	48329	No
178	GOM_NL__2PRFIN20110528_135331_000000443103_00039_48329_6002.N1	28-MAY-2011 13:53:31	Twilight	44.000	136	23Tau Sco	2.8220	30000.	88	48329	No
179	GOM_NL__2PRFIN20110528_135908_000000433103_00039_48329_6003.N1	28-MAY-2011 13:59:08	Bright	42.500	98	13Zet Oph	2.5710	30000.	85	48329	No
180	GOM_NL__2PRFIN20110528_140121_000000413103_00039_48329_6004.N1	28-MAY-2011 14:01:21	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	48329	No
181	GOM_NL__2PRFIN20110528_140423_000000383103_00039_48329_6005.N1	28-MAY-2011 14:04:23	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	48329	No
182	GOM_NL__2PRFIN20110528_141020_000000473103_00039_48329_6006.N1	28-MAY-2011 14:10:20	Bright	46.500	67	5Alp CrB	2.2210	11000.	93	48329	No
183	GOM_NL__2PRFIN20110528_141313_000000503103_00039_48329_6007.N1	28-MAY-2011 14:13:13	Bright	49.500	133	40Zet Her	2.8070	6000.0	99	48329	No
184	GOM_NL__2PRFIN20110528_142059_000000423103_00039_48329_6008.N1	28-MAY-2011 14:20:59	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	48329	No
185	GOM_NL__2PRFIN20110528_143130_000000493103_00039_48329_6009.N1	28-MAY-2011 14:31:30	Bright	49.000	89	5Alp Cep	2.4510	8000.0	98	48329	No
186	GOM_NL__2PRFIN20110528_143611_000000363103_00039_48329_6010.N1	28-MAY-2011 14:36:11	Bright	36.000	76	27Gam Cas	2.3000	30000.	72	48329	No
187	GOM_NL__2PRFIN20110528_144347_000000433103_00039_48329_6011.N1	28-MAY-2011 14:43:47	Bright	43.000	53	43Bet And	2.0480	3300.0	86	48329	No
188	GOM_NL__2PRFIN20110528_144623_000000493103_00039_48329_6012.N1	28-MAY-2011 14:46:23	Twilight	48.500	58	21Alp And	2.0730	11000.	97	48329	No
189	GOM_NL__2PRFIN20110528_145108_000000493103_00039_48329_6013.N1	28-MAY-2011 14:51:08	Dark	48.500	140	88Gam Peg	2.8340	26000.	97	48329	No
190	GOM_NL__2PRFIN20110528_150003_000000453103_00039_48329_6014.N1	28-MAY-2011 15:00:03	Dark	45.000	52	16Bet Cet	2.0370	4500.0	90	48329	No
191	GOM_NL__2PRFIN20110528_151151_000000613103_00040_48330_6057.N1	28-MAY-2011 15:11:51	Dark	61.000	63	Bet Gru	2.1500	2800.0	122	48330	No
192	GOM_NL__2PRFIN20110528_151340_000000443103_00040_48330_6058.N1	28-MAY-2011 15:13:40	Dark	44.000	31	Alp Gru	1.7340	15200.	88	48330	No
193	GOM_NL__2PRFIN20110528_151847_000000453103_00040_48330_6059.N1	28-MAY-2011 15:18:47	Straylight	44.500	45	Alp Pav	1.9400	26000.	89	48330	No
194	GOM_NL__2PRFIN20110528_152622_000000403103_00040_48330_6060.N1	28-MAY-2011 15:26:22	Straylight	40.000	147	Alp Ara	2.8770	26000.	80	48330	No
195	GOM_NL__2PRFIN20110528_152802_000000473103_00040_48330_6061.N1	28-MAY-2011 15:28:02	Straylight	47.000	40	The Sco	1.8590	7100.0	94	48330	No
196	GOM_NL__2PRFIN20110528_152950_000000483103_00040_48330_6062.N1	28-MAY-2011 15:29:50	Twilight	48.000	25	35Lam Sco	1.6200	28000.	96	48330	No
197	GOM_NL__2PRFIN20110528_153141_000000483103_00040_48330_6063.N1	28-MAY-2011 15:31:41	Twilight	47.500	75	26Eps Sco	2.2910	4250.0	95	48330	No
198	GOM_NL__2PRFIN20110528_153346_000000443103_00040_48330_6064.N1	28-MAY-2011 15:33:46	Twilight	44.000	136	23Tau Sco	2.8220	30000.	88	48330	No
199	GOM_NL__2PRFIN20110528_153922_000000433103_00040_48330_6065.N1	28-MAY-2011 15:39:22	Bright	43.000	98	13Zet Oph	2.5710	30000.	86	48330	No
200	GOM_NL__2PRFIN20110528_154135_000000413103_00040_48330_6066.N1	28-MAY-2011 15:41:35	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	48330	No
201	GOM_NL__2PRFIN20110528_154436_000000383103_00040_48330_6067.N1	28-MAY-2011 15:44:36	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	48330	No
202	GOM_NL__2PRFIN20110528_155033_000000563103_00040_48330_6068.N1	28-MAY-2011 15:50:33	Bright	56.000	67	5Alp CrB	2.2210	11000.	112	48330	No
203	GOM_NL__2PRFIN20110528_155326_000000463103_00040_48330_6069.N1	28-MAY-2011 15:53:26	Bright	45.500	133	40Zet Her	2.8070	6000.0	91	48330	No
204	GOM_NL__2PRFIN20110528_160113_000000413103_00040_48330_6070.N1	28-MAY-2011 16:01:13	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	48330	No
205	GOM_NL__2PRFIN20110528_161143_000000473103_00040_48330_6071.N1	28-MAY-2011 16:11:43	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	48330	No
206	GOM_NL__2PRFIN20110528_161625_000000363103_00040_48330_6072.N1	28-MAY-2011 16:16:25	Bright	35.500	76	27Gam Cas	2.3000	30000.	71	48330	No
207	GOM_NL__2PRFIN20110528_162401_000000423103_00040_48330_6073.N1	28-MAY-2011 16:24:01	Bright	41.500	53	43Bet And	2.0480	3300.0	83	48330	No
208	GOM_NL__2PRFIN20110528_162638_000000513103_00040_48330_6074.N1	28-MAY-2011 16:26:38	Twilight	50.500	58	21Alp And	2.0730	11000.	101	48330	No
209	GOM_NL__2PRFIN20110528_163122_000000483103_00040_48330_6075.N1	28-MAY-2011 16:31:22	Dark	48.000	140	88Gam Peg	2.8340	26000.	96	48330	No
210	GOM_NL__2PRFIN20110528_164018_000000503103_00040_48330_6076.N1	28-MAY-2011 16:40:18	Dark	49.500	52	16Bet Cet	2.0370	4500.0	99	48330	No
211	GOM_NL__2PRFIN20110528_165206_000000463103_00041_48331_6115.N1	28-MAY-2011 16:52:06	Dark	46.000	63	Bet Gru	2.1500	2800.0	92	48331	No
212	GOM_NL__2PRFIN20110528_165355_000000453103_00041_48331_6116.N1	28-MAY-2011 16:53:55	Dark	44.500	31	Alp Gru	1.7340	15200.	89	48331	No
213	GOM_NL__2PRFIN20110528_165902_000000443103_00041_48331_6117.N1	28-MAY-2011 16:59:02	Straylight	43.500	45	Alp Pav	1.9400	26000.	87	48331	No
214	GOM_NL__2PRFIN20110528_170637_000000413103_00041_48331_6118.N1	28-MAY-2011 17:06:37	Straylight	41.000	147	Alp Ara	2.8770	26000.	82	48331	No
215	GOM_NL__2PRFIN20110528_170817_000000493103_00041_48331_6119.N1	28-MAY-2011 17:08:17	Straylight	48.500	40	The Sco	1.8590	7100.0	97	48331	No
216	GOM_NL__2PRFIN20110528_171005_000000513103_00041_48331_6120.N1	28-MAY-2011 17:10:05	Twilight	50.500	25	35Lam Sco	1.6200	28000.	101	48331	No
217	GOM_NL__2PRFIN20110528_171156_000000493103_00041_48331_6121.N1	28-MAY-2011 17:11:56	Twilight	48.500	75	26Eps Sco	2.2910	4250.0	97	48331	No
218	GOM_NL__2PRFIN20110528_171400_000000433103_00041_48331_6122.N1	28-MAY-2011 17:14:00	Twilight	43.000	136	23Tau Sco	2.8220	30000.	86	48331	No
219	GOM_NL__2PRFIN20110528_171936_000000423103_00041_48331_6123.N1	28-MAY-2011 17:19:36	Bright	42.000	98	13Zet Oph	2.5710	30000.	84	48331	No

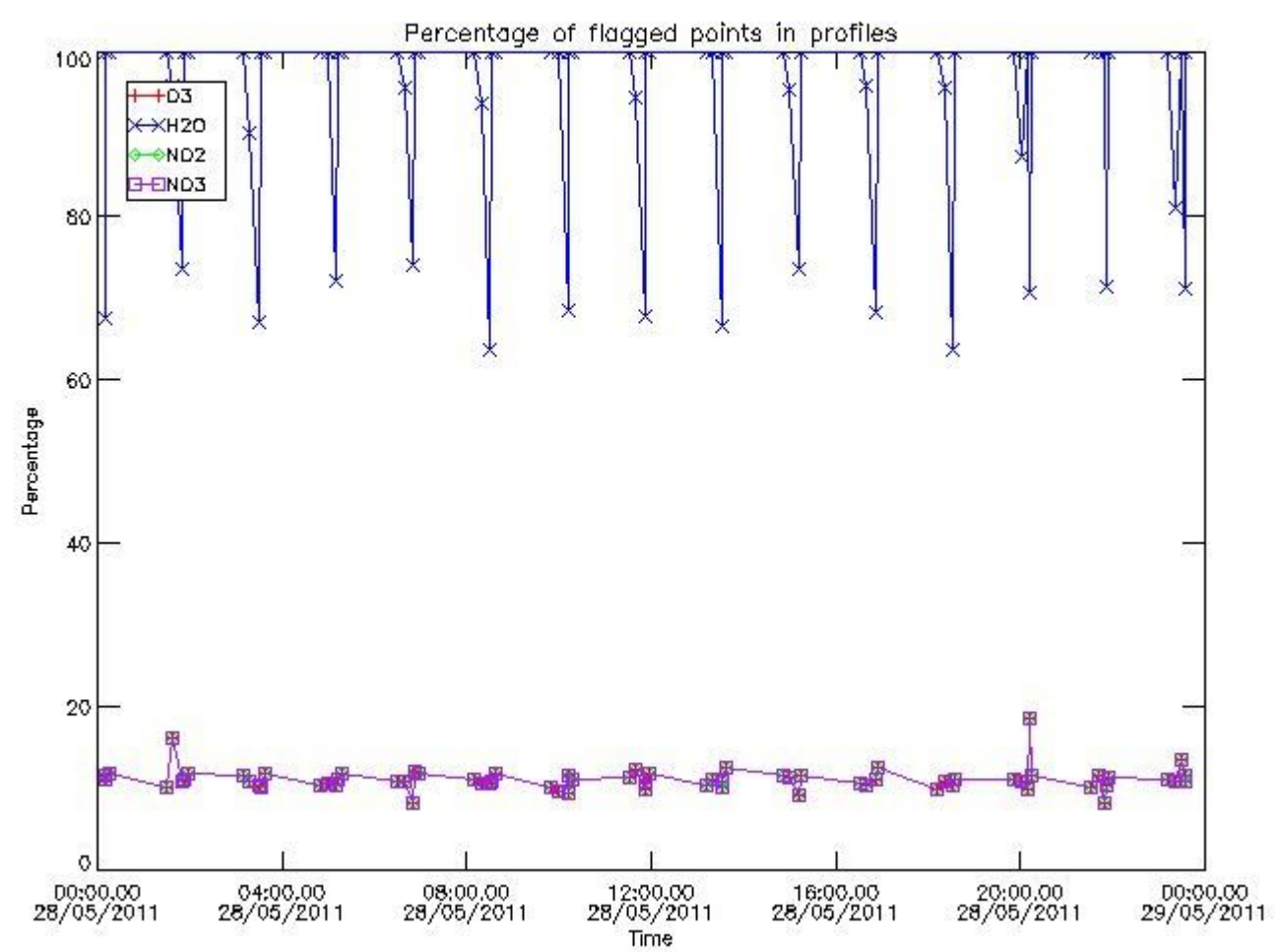
220	GOM_NL__2PRFIN20110528_172149_000000413103_00041_48331_6124.N1	28-MAY-2011 17:21:49	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	48331	No
221	GOM_NL__2PRFIN20110528_172451_000000383103_00041_48331_6125.N1	28-MAY-2011 17:24:51	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	48331	No
222	GOM_NL__2PRFIN20110528_173047_000000413103_00041_48331_6126.N1	28-MAY-2011 17:30:47	Bright	40.500	67	5Alp CrB	2.2210	11000.	81	48331	No
223	GOM_NL__2PRFIN20110528_173340_000000483103_00041_48331_6127.N1	28-MAY-2011 17:33:40	Bright	48.000	133	40Zet Her	2.8070	6000.0	96	48331	No
224	GOM_NL__2PRFIN20110528_174126_000000403103_00041_48331_6128.N1	28-MAY-2011 17:41:26	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	48331	No
225	GOM_NL__2PRFIN20110528_175157_000000463103_00041_48331_6129.N1	28-MAY-2011 17:51:57	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	48331	No
226	GOM_NL__2PRFIN20110528_175639_000000363103_00041_48331_6130.N1	28-MAY-2011 17:56:39	Bright	36.000	76	27Gam Cas	2.3000	30000.	72	48331	No
227	GOM_NL__2PRFIN20110528_180415_000000413103_00041_48331_6131.N1	28-MAY-2011 18:04:15	Bright	41.000	53	43Bet And	2.0480	3300.0	82	48331	No
228	GOM_NL__2PRFIN20110528_180652_000000523103_00041_48331_6132.N1	28-MAY-2011 18:06:52	Twilight	52.000	58	21Alp And	2.0730	11000.	104	48331	No
229	GOM_NL__2PRFIN20110528_181137_000000523103_00041_48331_6133.N1	28-MAY-2011 18:11:37	Dark	51.500	140	88Gam Peg	2.8340	26000.	103	48331	No
230	GOM_NL__2PRFIN20110528_182032_000000473103_00041_48331_6134.N1	28-MAY-2011 18:20:32	Dark	47.000	52	16Bet Cet	2.0370	4500.0	94	48331	No
231	GOM_NL__2PRFIN20110528_183221_000000543103_00042_48332_6223.N1	28-MAY-2011 18:32:21	Dark	54.000	63	Bet Gru	2.1500	2800.0	108	48332	No
232	GOM_NL__2PRFIN20110528_183410_000000463103_00042_48332_6224.N1	28-MAY-2011 18:34:10	Dark	45.500	31	Alp Gru	1.7340	15200.	91	48332	No
233	GOM_NL__2PRFIN20110528_183916_000000433103_00042_48332_6225.N1	28-MAY-2011 18:39:16	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	48332	No
234	GOM_NL__2PRFIN20110528_184651_000000403103_00042_48332_6226.N1	28-MAY-2011 18:46:51	Straylight	39.500	147	Alp Ara	2.8770	26000.	79	48332	No
235	GOM_NL__2PRFIN20110528_184831_000000523103_00042_48332_6227.N1	28-MAY-2011 18:48:31	Straylight	51.500	40	The Sco	1.8590	7100.0	103	48332	No
236	GOM_NL__2PRFIN20110528_185020_000000483103_00042_48332_6228.N1	28-MAY-2011 18:50:20	Twilight	47.500	25	35Lam Sco	1.6200	28000.	95	48332	No
237	GOM_NL__2PRFIN20110528_185210_000000483103_00042_48332_6229.N1	28-MAY-2011 18:52:10	Twilight	48.000	75	26Eps Sco	2.2910	4250.0	96	48332	No
238	GOM_NL__2PRFIN20110528_185414_000000443103_00042_48332_6230.N1	28-MAY-2011 18:54:14	Twilight	43.500	136	23Tau Sco	2.8220	30000.	87	48332	No
239	GOM_NL__2PRFIN20110528_185950_000000443103_00042_48332_6231.N1	28-MAY-2011 18:59:50	Bright	44.000	98	13Zet Oph	2.5710	30000.	88	48332	No
240	GOM_NL__2PRFIN20110528_190203_000000413103_00042_48332_6232.N1	28-MAY-2011 19:02:03	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	48332	No
241	GOM_NL__2PRFIN20110528_190504_000000383103_00042_48332_6233.N1	28-MAY-2011 19:05:04	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	48332	No
242	GOM_NL__2PRFIN20110528_191101_000000393103_00042_48332_6234.N1	28-MAY-2011 19:11:01	Bright	39.000	67	5Alp CrB	2.2210	11000.	78	48332	No
243	GOM_NL__2PRFIN20110528_191353_000000453103_00042_48332_6235.N1	28-MAY-2011 19:13:53	Bright	44.500	133	40Zet Her	2.8070	6000.0	89	48332	No
244	GOM_NL__2PRFIN20110528_192140_000000423103_00042_48332_6236.N1	28-MAY-2011 19:21:40	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	48332	No
245	GOM_NL__2PRFIN20110528_193210_000000463103_00042_48332_6237.N1	28-MAY-2011 19:32:10	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	48332	No
246	GOM_NL__2PRFIN20110528_193653_000000373103_00042_48332_6238.N1	28-MAY-2011 19:36:53	Bright	36.500	76	27Gam Cas	2.3000	30000.	73	48332	No
247	GOM_NL__2PRFIN20110528_194429_000000463103_00042_48332_6239.N1	28-MAY-2011 19:44:29	Bright	45.500	53	43Bet And	2.0480	3300.0	91	48332	No
248	GOM_NL__2PRFIN20110528_194706_000000533103_00042_48332_6240.N1	28-MAY-2011 19:47:06	Twilight	52.500	58	21Alp And	2.0730	11000.	105	48332	No
249	GOM_NL__2PRFIN20110528_195151_000000503103_00042_48332_6241.N1	28-MAY-2011 19:51:51	Dark	50.000	140	88Gam Peg	2.8340	26000.	100	48332	No
250	GOM_NL__2PRFIN20110528_200047_000000483103_00042_48332_6242.N1	28-MAY-2011 20:00:47	Dark	47.500	52	16Bet Cet	2.0370	4500.0	95	48332	No
251	GOM_NL__2PRFIN20110528_200903_000000523103_00042_48332_6243.N1	28-MAY-2011 20:09:03	Dark	51.500	18	24Alp PsA	1.1660	9700.0	103	48332	No
252	GOM_NL__2PRFIN20110528_201236_000000603103_00043_48333_6298.N1	28-MAY-2011 20:12:36	Dark	60.000	63	Bet Gru	2.1500	2800.0	120	48333	No
253	GOM_NL__2PRFIN20110528_201425_000000453103_00043_48333_6299.N1	28-MAY-2011 20:14:25	Dark	44.500	31	Alp Gru	1.7340	15200.	89	48333	No
254	GOM_NL__2PRFIN20110528_201931_000000423103_00043_48333_6300.N1	28-MAY-2011 20:19:31	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	48333	No
255	GOM_NL__2PRFIN20110528_202706_000000413103_00043_48333_6301.N1	28-MAY-2011 20:27:06	Straylight	41.000	147	Alp Ara	2.8770	26000.	82	48333	No
256	GOM_NL__2PRFIN20110528_202846_000000443103_00043_48333_6302.N1	28-MAY-2011 20:28:46	Straylight	43.500	40	The Sco	1.8590	7100.0	87	48333	No
257	GOM_NL__2PRFIN20110528_203034_000000493103_00043_48333_6303.N1	28-MAY-2011 20:30:34	Twilight	48.500	25	35Lam Sco	1.6200	28000.	97	48333	No
258	GOM_NL__2PRFIN20110528_203224_000000463103_00043_48333_6304.N1	28-MAY-2011 20:32:24	Twilight	46.000	75	26Eps Sco	2.2910	4250.0	92	48333	No
259	GOM_NL__2PRFIN20110528_203428_000000443103_00043_48333_6305.N1	28-MAY-2011 20:34:28	Twilight	43.500	136	23Tau Sco	2.8220	30000.	87	48333	No
260	GOM_NL__2PRFIN20110528_204004_000000443103_00043_48333_6306.N1	28-MAY-2011 20:40:04	Bright	44.000	98	13Zet Oph	2.5710	30000.	88	48333	No
261	GOM_NL__2PRFIN20110528_204217_000000413103_00043_48333_6307.N1	28-MAY-2011 20:42:17	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	48333	No
262	GOM_NL__2PRFIN20110528_204518_000000383103_00043_48333_6308.N1	28-MAY-2011 20:45:18	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	48333	No
263	GOM_NL__2PRFIN20110528_205115_000000393103_00043_48333_6309.N1	28-MAY-2011 20:51:15	Bright	39.000	67	5Alp CrB	2.2210	11000.	78	48333	No
264	GOM_NL__2PRFIN20110528_205407_000000453103_00043_48333_6310.N1	28-MAY-2011 20:54:07	Bright	44.500	133	40Zet Her	2.8070	6000.0	89	48333	No
265	GOM_NL__2PRFIN20110528_210154_000000413103_00043_48333_6311.N1	28-MAY-2011 21:01:54	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	48333	No
266	GOM_NL__2PRFIN20110528_211224_000000453103_00043_48333_6312.N1	28-MAY-2011 21:12:24	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	48333	No
267	GOM_NL__2PRFIN20110528_211707_000000553103_00043_48333_6313.N1	28-MAY-2011 21:17:07	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	48333	No
268	GOM_NL__2PRFIN20110528_212443_000000433103_00043_48333_6314.N1	28-MAY-2011 21:24:43	Bright	42.500	53	43Bet And	2.0480	3300.0	85	48333	No
269	GOM_NL__2PRFIN20110528_212720_000000523103_00043_48333_6315.N1	28-MAY-2011 21:27:20	Twilight	52.000	58	21Alp And	2.0730	11000.	104	48333	No
270	GOM_NL__2PRFIN20110528_213206_000000503103_00043_48333_6316.N1	28-MAY-2011 21:32:06	Dark	49.500	140	88Gam Peg	2.8340	26000.	99	48333	No
271	GOM_NL__2PRFIN20110528_214101_000000493103_00043_48333_6317.N1	28-MAY-2011 21:41:01	Dark	48.500	52	16Bet Cet	2.0370	4500.0	97	48333	No
272	GOM_NL__2PRFIN20110528_214918_000000623103_00043_48333_6318.N1	28-MAY-2011 21:49:18	Dark	62.000	18	24Alp PsA	1.1660	9700.0	124	48333	No
273	GOM_NL__2PRFIN20110528_215251_000000603103_00044_48334_6318.N1	28-MAY-2011 21:52:51	Dark	59.500	63	Bet Gru	2.1500	2800.0	119	48334	No
274	GOM_NL__2PRFIN20110528_215439_000000453103_00044_48334_6319.N1	28-MAY-2011 21:54:39	Dark	45.000	31	Alp Gru	1.7340	15200.	90	48334	No
275	GOM_NL__2PRFIN20110528_215945_000000433103_00044_48334_6320.N1	28-MAY-2011 21:59:45	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	48334	No
276	GOM_NL__2PRFIN20110528_220720_000000413103_00044_48334_6321.N1	28-MAY-2011 22:07:20	Straylight	41.000	147	Alp Ara	2.8770	26000.	82	48334	No
277	GOM_NL__2PRFIN20110528_220900_000000483103_00044_48334_6322.N1	28-MAY-2011 22:09:00	Straylight	48.000	40	The Sco	1.8590	7100.0	96	48334	No
278	GOM_NL__2PRFIN20110528_221048_000000493103_00044_48334_6323.N1	28-MAY-2011 22:10:48	Twilight	49.000	25	35Lam Sco	1.6200	28000.	98	48334	No

279	GOM_NL__2PRFIN20110528_221239_000000483103_00044_48334_6324.N1	28-MAY-2011 22:12:39	Twilight	47.500	75	26Eps Sco	2.2910	4250.0	95	48334	No
280	GOM_NL__2PRFIN20110528_221443_000000423103_00044_48334_6325.N1	28-MAY-2011 22:14:43	Twilight	42.000	136	23Tau Sco	2.8220	30000.	84	48334	No
281	GOM_NL__2PRFIN20110528_221650_000000413103_00044_48334_6326.N1	28-MAY-2011 22:16:50	Bright	41.000	80	7Del Sco	2.3160	30000.	82	48334	No
282	GOM_NL__2PRFIN20110528_221825_000000493103_00044_48334_6327.N1	28-MAY-2011 22:18:25	Bright	49.000	86	35Eta Oph	2.4300	10200.	98	48334	No
283	GOM_NL__2PRFIN20110528_222018_000000433103_00044_48334_6328.N1	28-MAY-2011 22:20:18	Bright	43.000	98	13Zet Oph	2.5710	30000.	86	48334	No
284	GOM_NL__2PRFIN20110528_222231_000000413103_00044_48334_6329.N1	28-MAY-2011 22:22:31	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	48334	No
285	GOM_NL__2PRFIN20110528_222532_000000383103_00044_48334_6330.N1	28-MAY-2011 22:25:32	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	48334	No
286	GOM_NL__2PRFIN20110528_223129_000000403103_00044_48334_6331.N1	28-MAY-2011 22:31:29	Bright	39.500	67	5Alp CrB	2.2210	11000.	79	48334	No
287	GOM_NL__2PRFIN20110528_223420_000000663103_00044_48334_6332.N1	28-MAY-2011 22:34:20	Bright	66.000	133	40Zet Her	2.8070	6000.0	132	48334	No
288	GOM_NL__2PRFIN20110528_224207_000000393103_00044_48334_6333.N1	28-MAY-2011 22:42:07	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	48334	No
289	GOM_NL__2PRFIN20110528_225237_000000463103_00044_48334_6334.N1	28-MAY-2011 22:52:37	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	48334	No
290	GOM_NL__2PRFIN20110528_225721_000000553103_00044_48334_6335.N1	28-MAY-2011 22:57:21	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	48334	No
291	GOM_NL__2PRFIN20110528_230457_000000423103_00044_48334_6336.N1	28-MAY-2011 23:04:57	Bright	42.000	53	43Bet And	2.0480	3300.0	84	48334	No
292	GOM_NL__2PRFIN20110528_230734_000000533103_00044_48334_6337.N1	28-MAY-2011 23:07:34	Twilight	52.500	58	21Alp And	2.0730	11000.	105	48334	No
293	GOM_NL__2PRFIN20110528_231220_000000513103_00044_48334_6338.N1	28-MAY-2011 23:12:20	Dark	50.500	140	88Gam Peg	2.8340	26000.	101	48334	No
294	GOM_NL__2PRFIN20110528_232116_000000483103_00044_48334_6339.N1	28-MAY-2011 23:21:16	Dark	47.500	52	16Bet Cet	2.0370	4500.0	95	48334	No
295	GOM_NL__2PRFIN20110528_232933_000000603103_00044_48334_6340.N1	28-MAY-2011 23:29:33	Dark	60.000	18	24Alp PsA	1.1660	9700.0	120	48334	No
296	GOM_NL__2PRFIN20110528_233305_000000613103_00045_48335_6330.N1	28-MAY-2011 23:33:05	Dark	61.000	63	Bet Gru	2.1500	2800.0	122	48335	No
297	GOM_NL__2PRFIN20110528_233454_000000453103_00045_48335_6331.N1	28-MAY-2011 23:34:54	Dark	44.500	31	Alp Gru	1.7340	15200.	89	48335	No
298	GOM_NL__2PRFIN20110528_234000_000000423103_00045_48335_6332.N1	28-MAY-2011 23:40:00	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	48335	No
299	GOM_NL__2PRFIN20110528_234734_000000453103_00045_48335_6333.N1	28-MAY-2011 23:47:34	Straylight	44.500	147	Alp Ara	2.8770	26000.	89	48335	No
300	GOM_NL__2PRFIN20110528_234914_000000463103_00045_48335_6334.N1	28-MAY-2011 23:49:14	Straylight	46.000	40	The Sco	1.8590	7100.0	92	48335	No
301	GOM_NL__2PRFIN20110528_235103_000000493103_00045_48335_6335.N1	28-MAY-2011 23:51:03	Twilight	48.500	25	35Lam Sco	1.6200	28000.	97	48335	No
302	GOM_NL__2PRFIN20110528_235253_000000453103_00045_48335_6336.N1	28-MAY-2011 23:52:53	Twilight	45.000	75	26Eps Sco	2.2910	4250.0	90	48335	No
303	GOM_NL__2PRFIN20110528_235457_000000433103_00045_48335_6337.N1	28-MAY-2011 23:54:57	Twilight	43.000	136	23Tau Sco	2.8220	30000.	86	48335	No
304	GOM_NL__2PRFIN20110528_235704_000000413103_00045_48335_6338.N1	28-MAY-2011 23:57:04	Bright	41.000	80	7Del Sco	2.3160	30000.	82	48335	No
305	GOM_NL__2PRFIN20110528_235838_000000493103_00045_48335_6339.N1	28-MAY-2011 23:58:38	Bright	48.500	86	35Eta Oph	2.4300	10200.	97	48335	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.

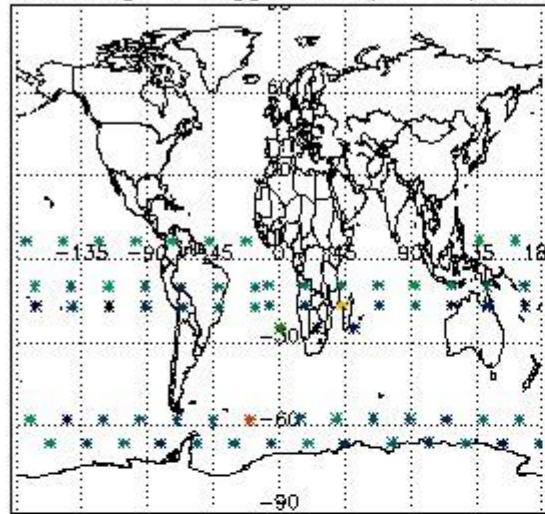
#### 3.1 Plot quality information per product (time dependant)



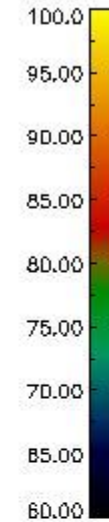
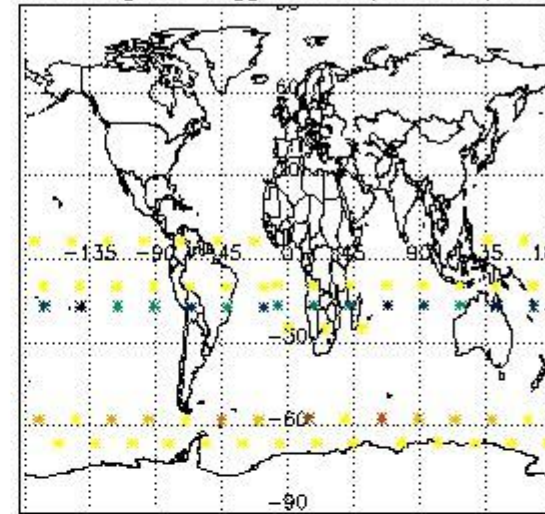
3.2 Plot quality information per product (world map)



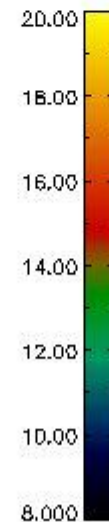
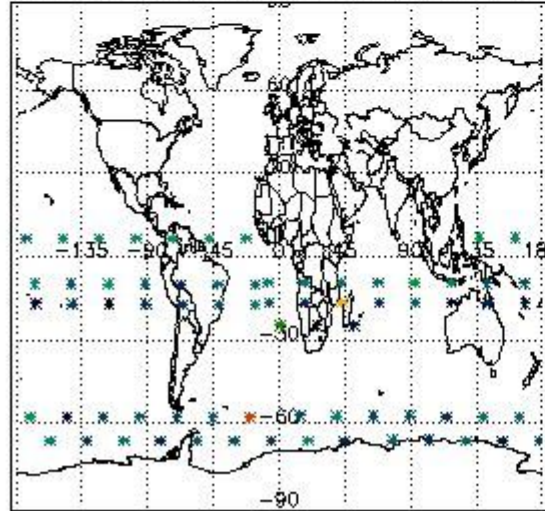
Percentage of flagged data per O3 profile



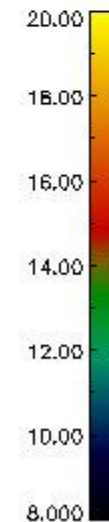
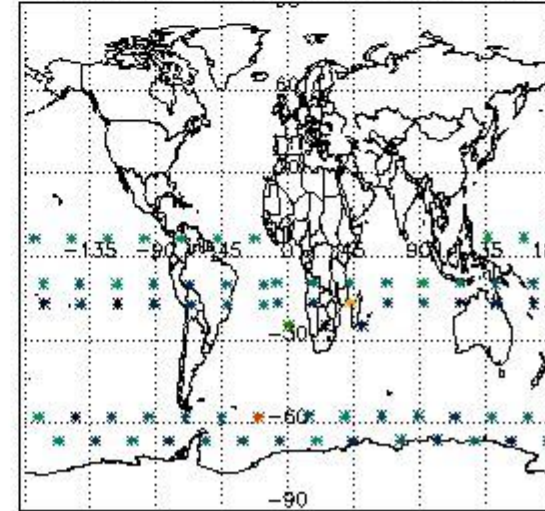
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

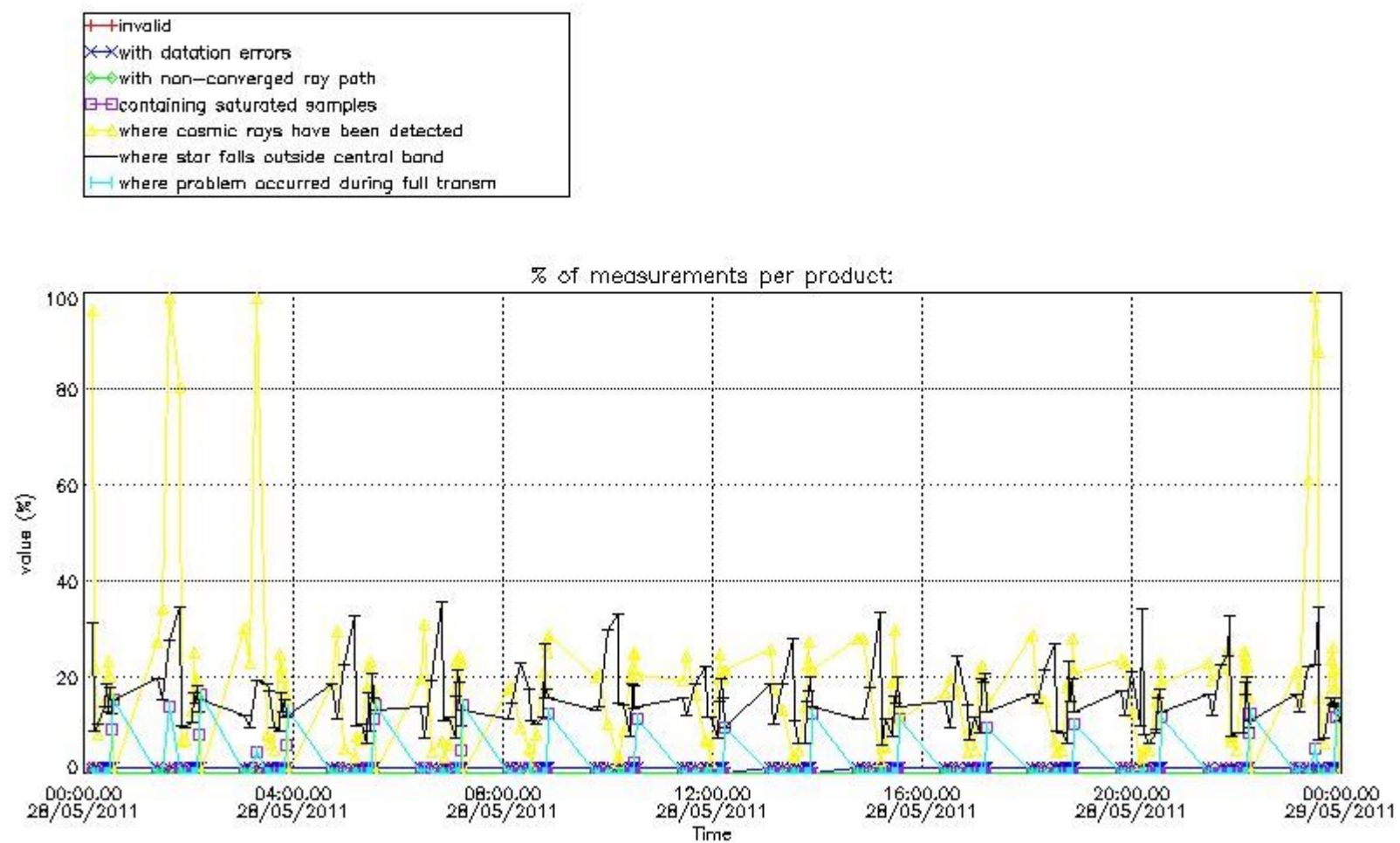


#### 4. Level 1 quality information per product

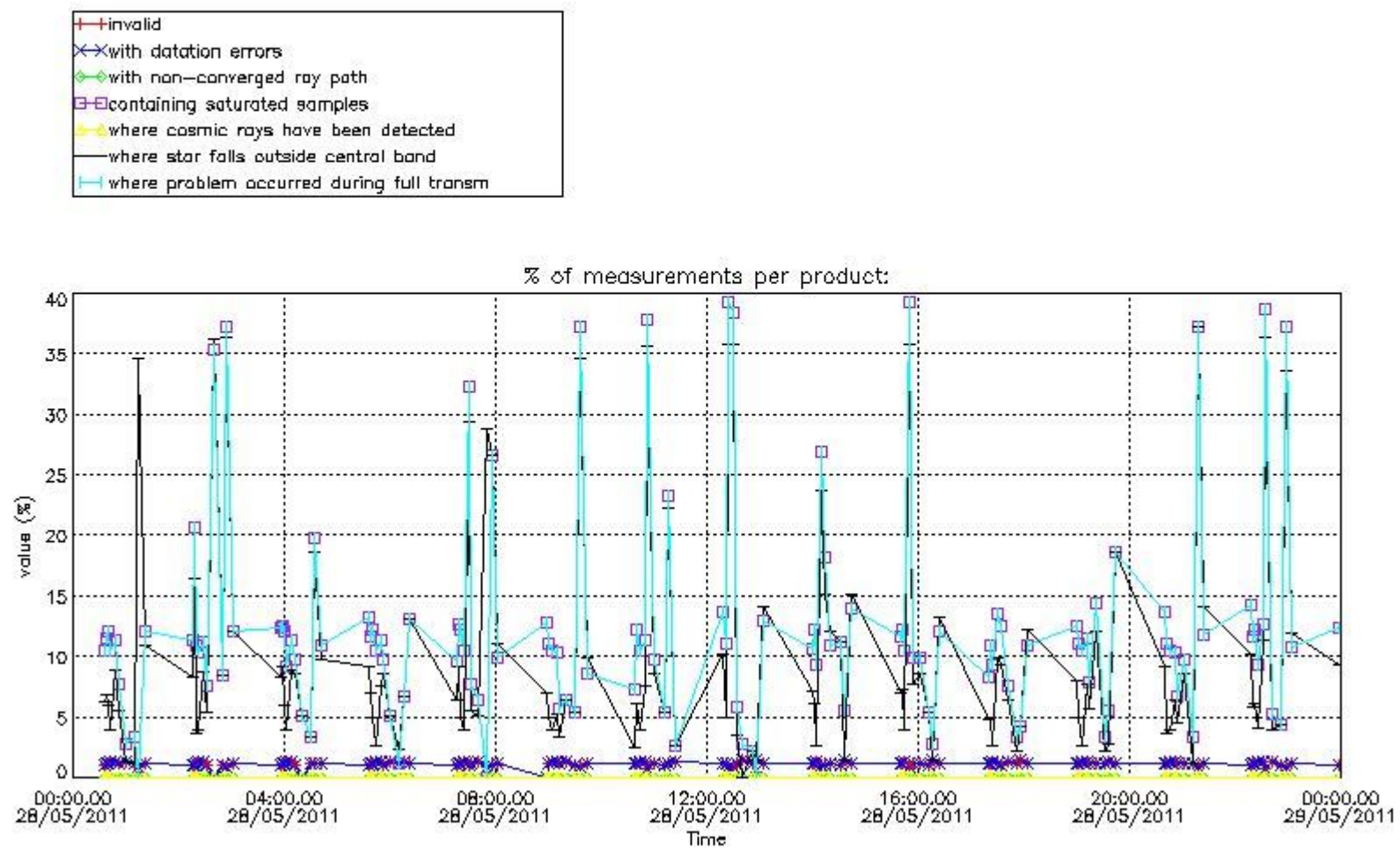
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

##### 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

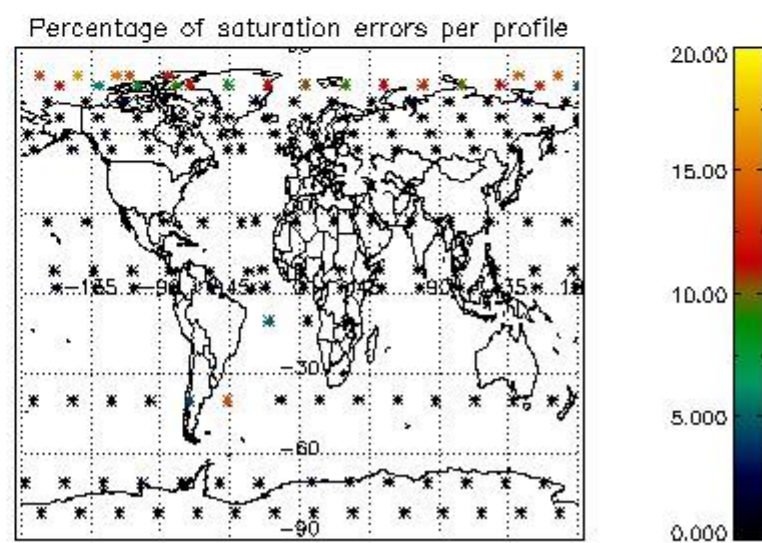
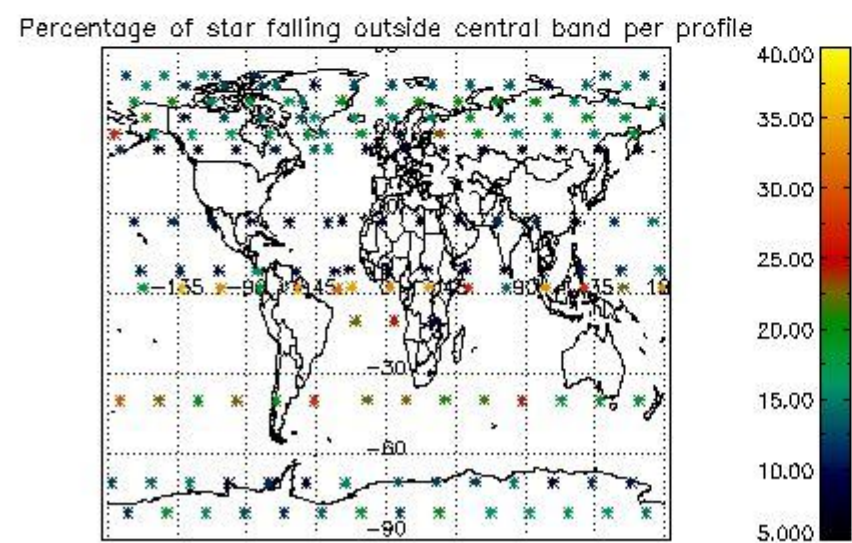
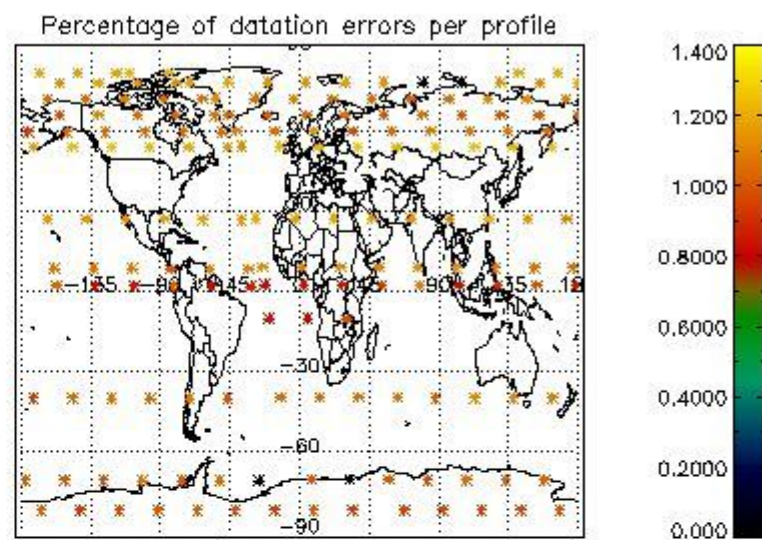
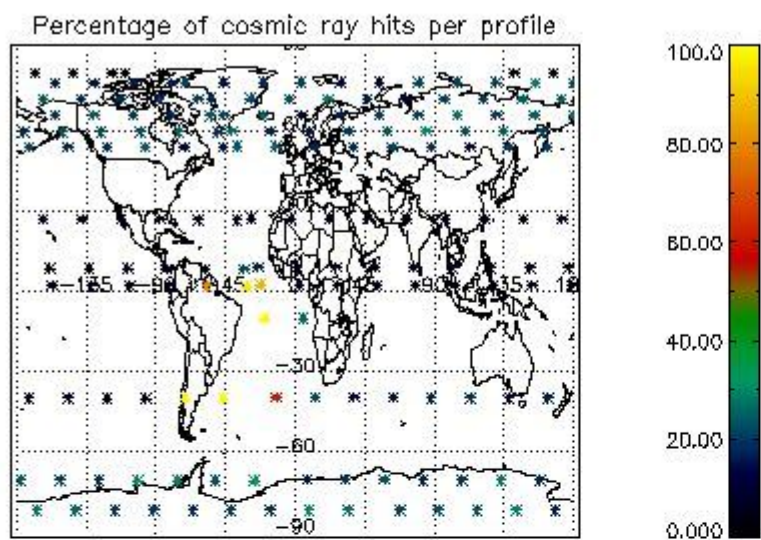


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

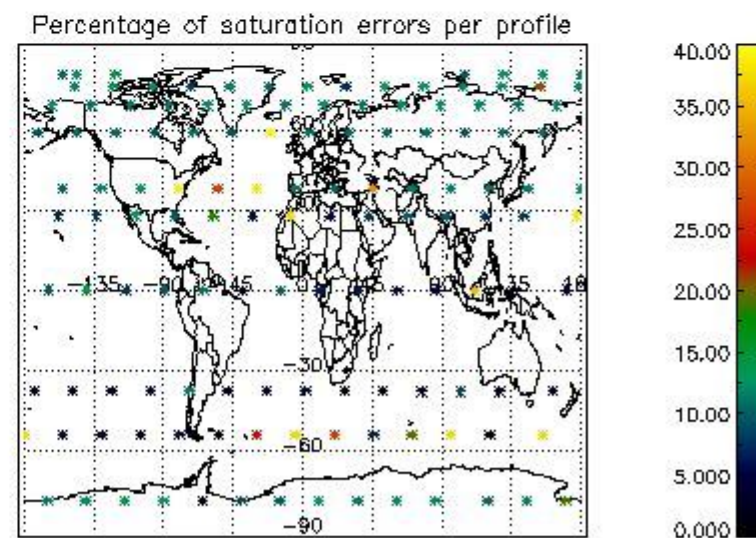
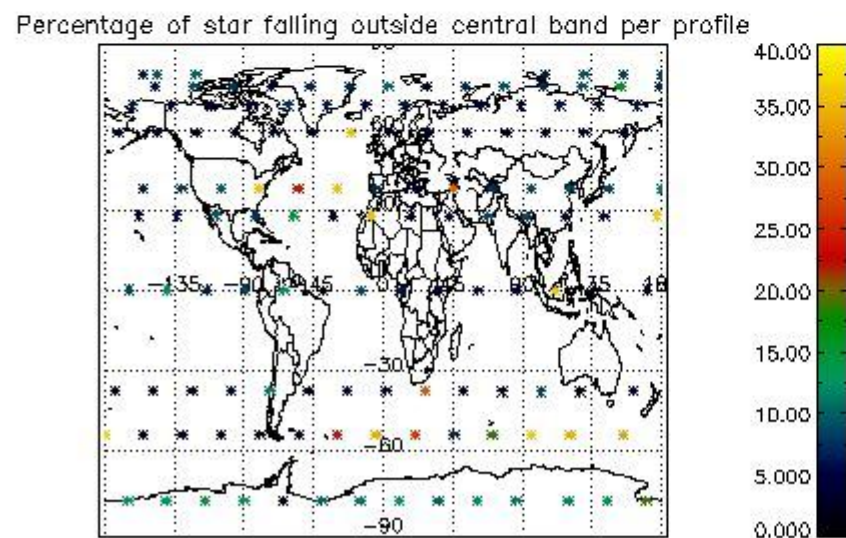
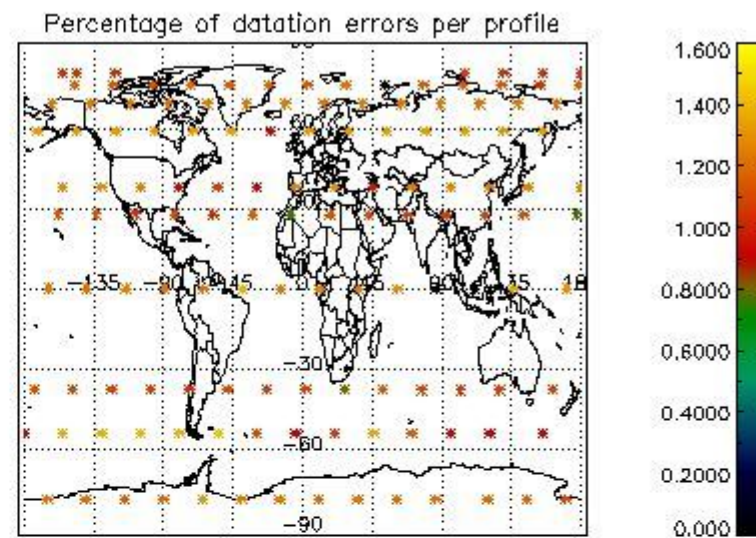
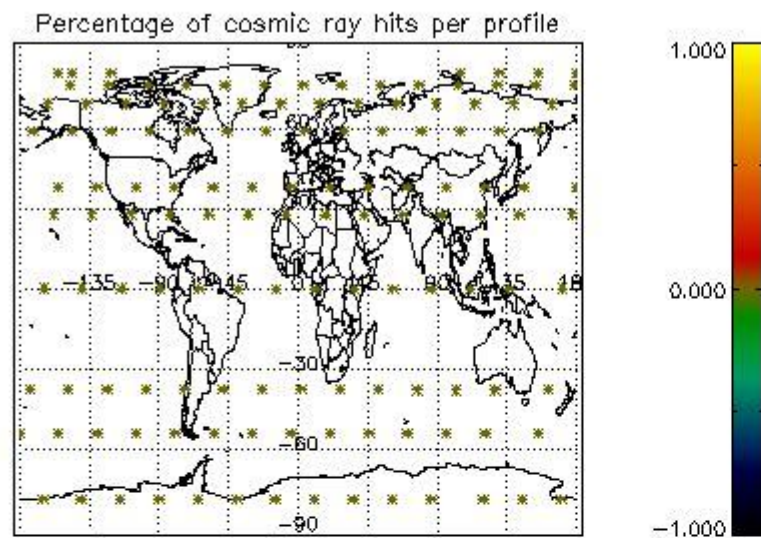


*4.2 Plot quality information per product coming from level 1b processing (world map)*

*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

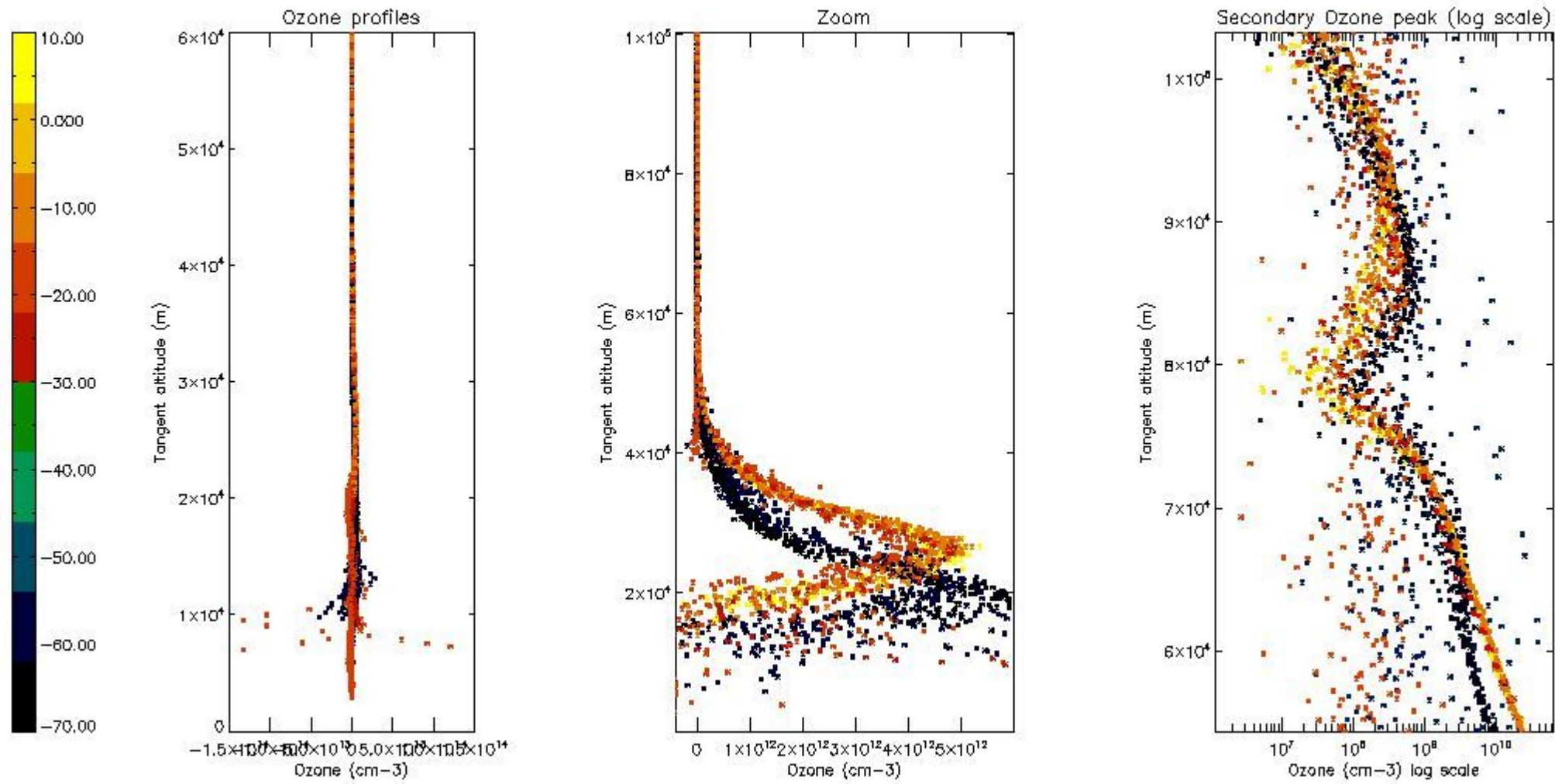
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	25
STD < 20	13

STD < 10	9
STD < 5	6

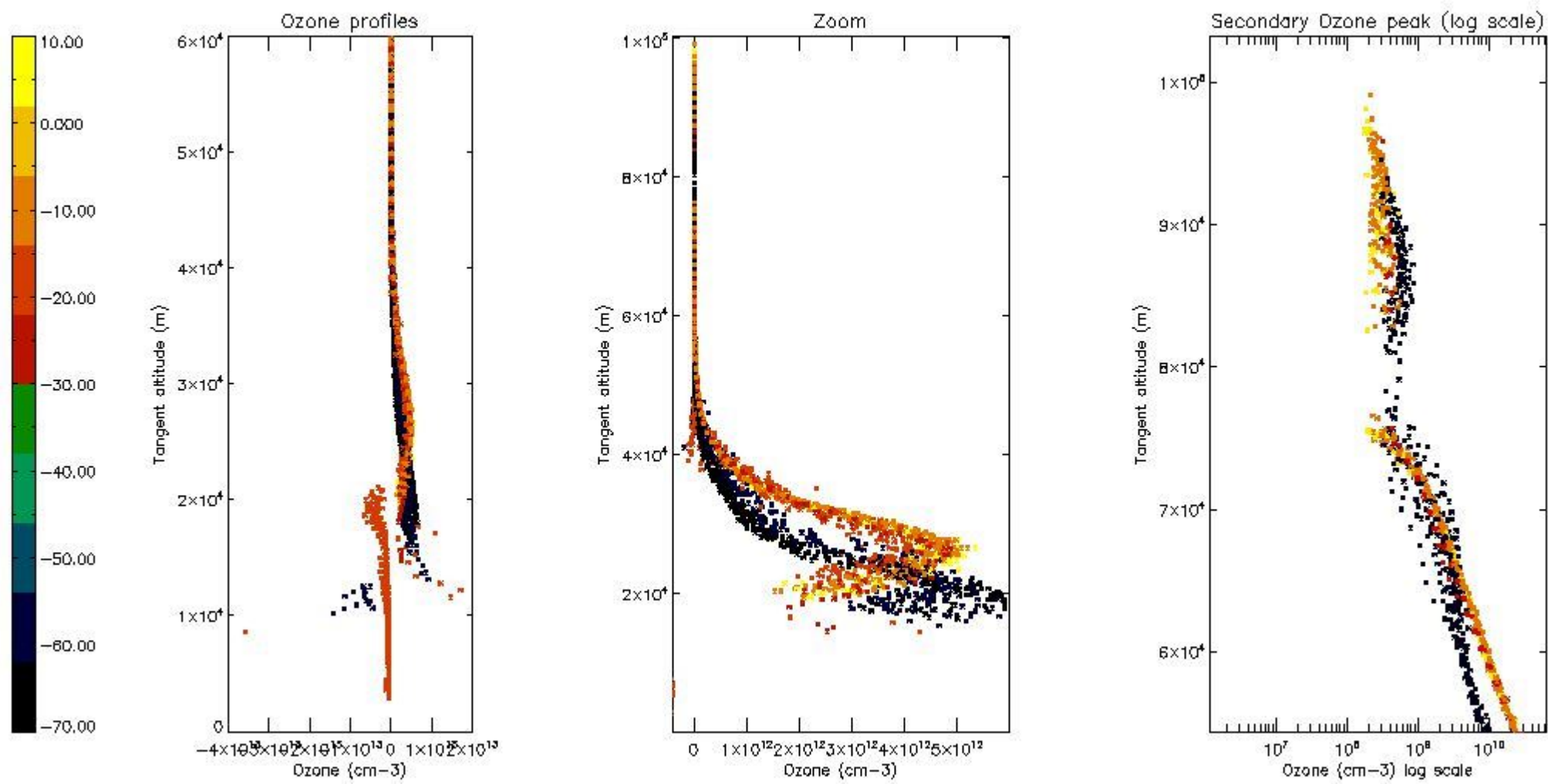
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



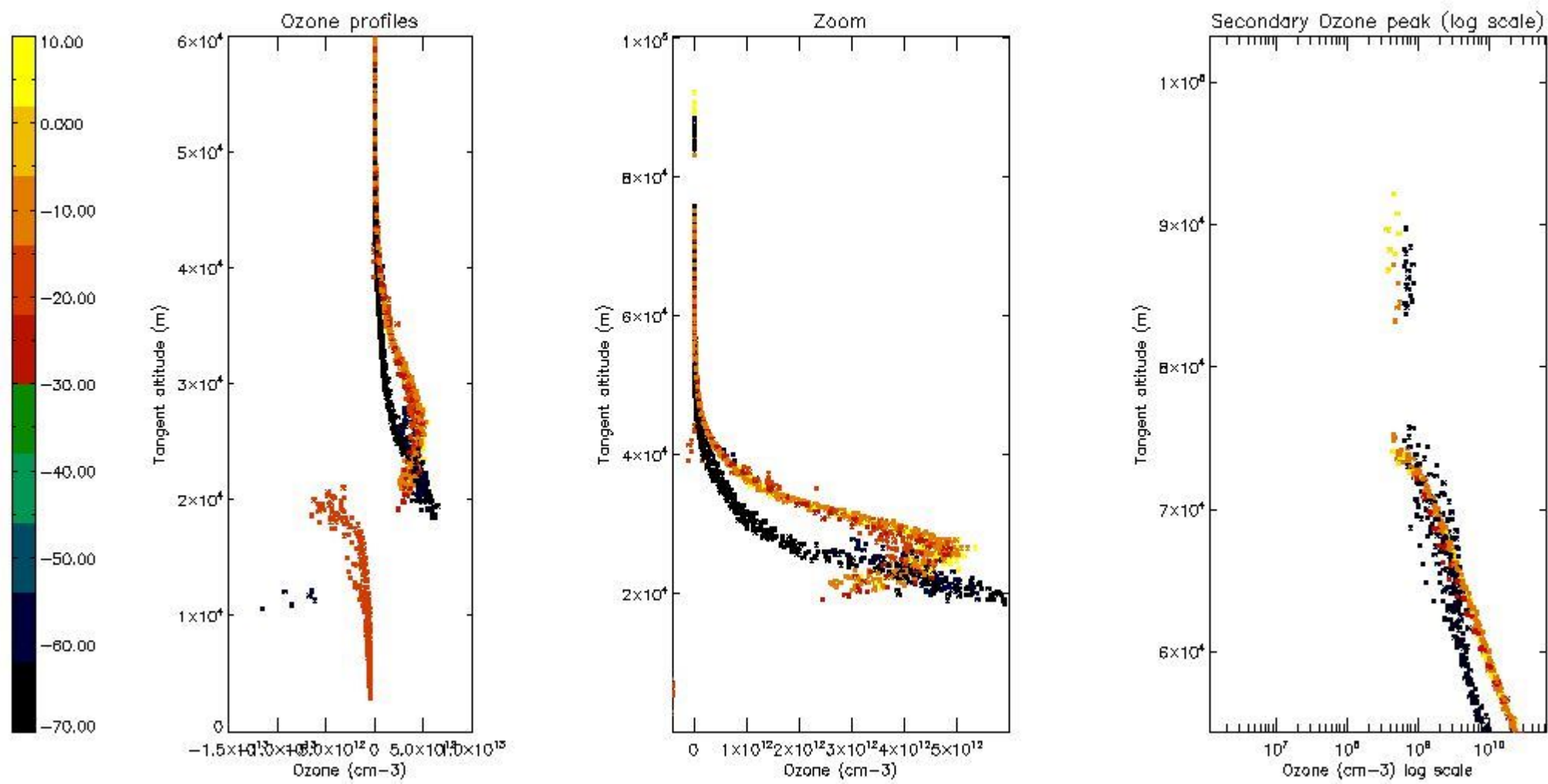
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



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

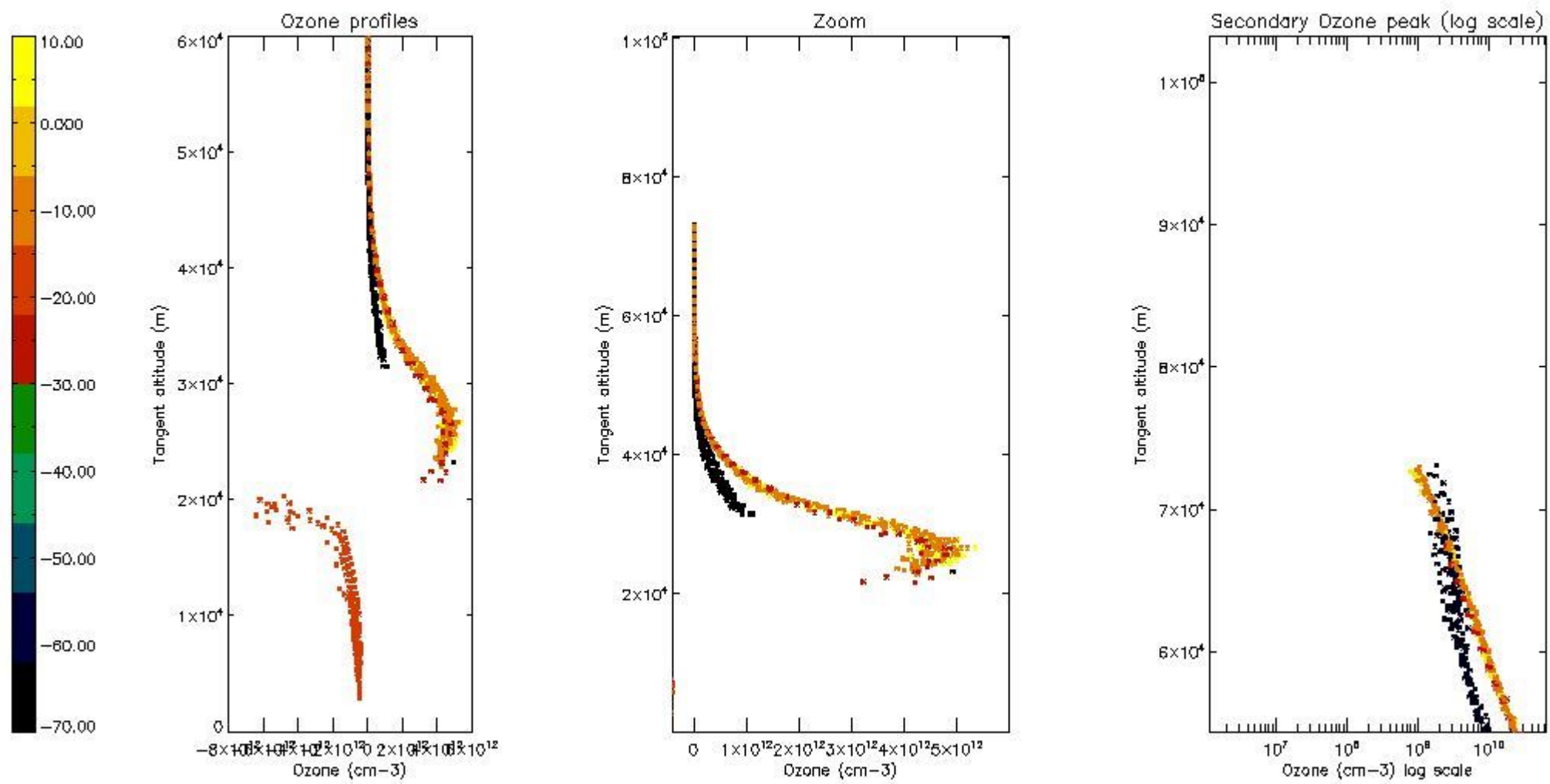
The colorbar represents the latitude.



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

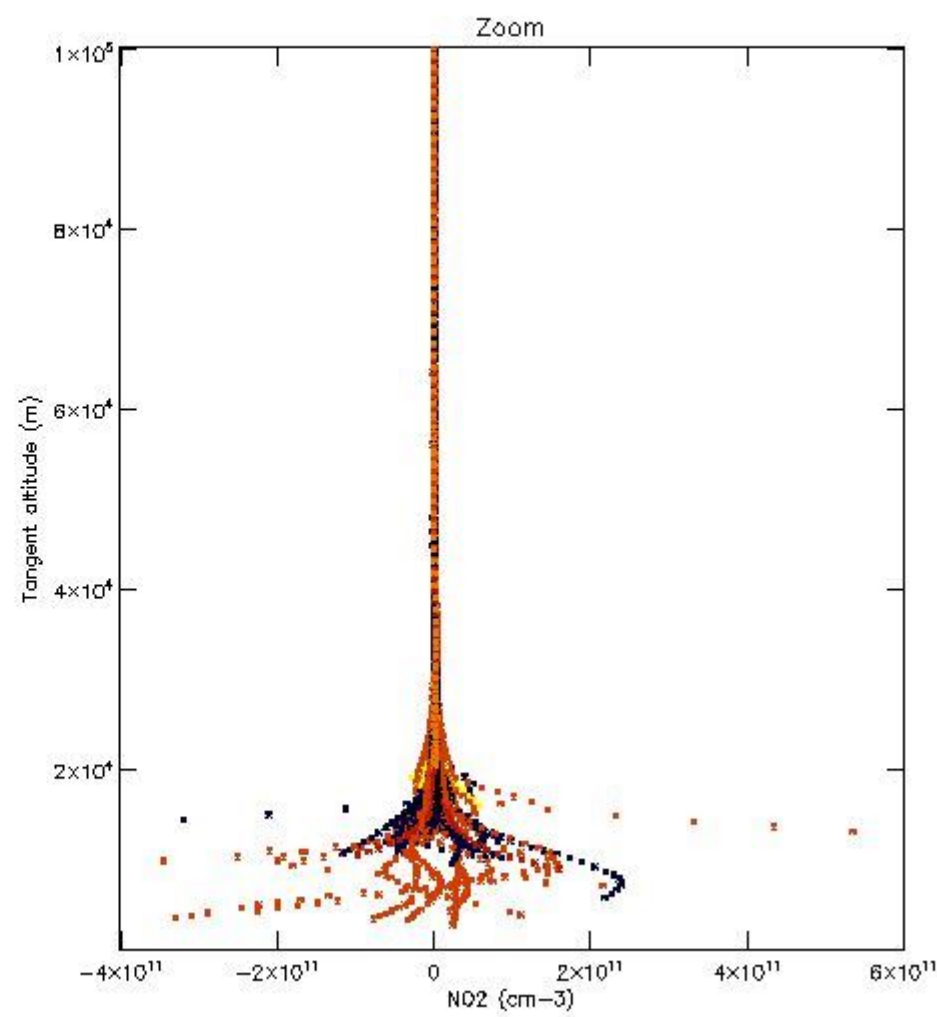
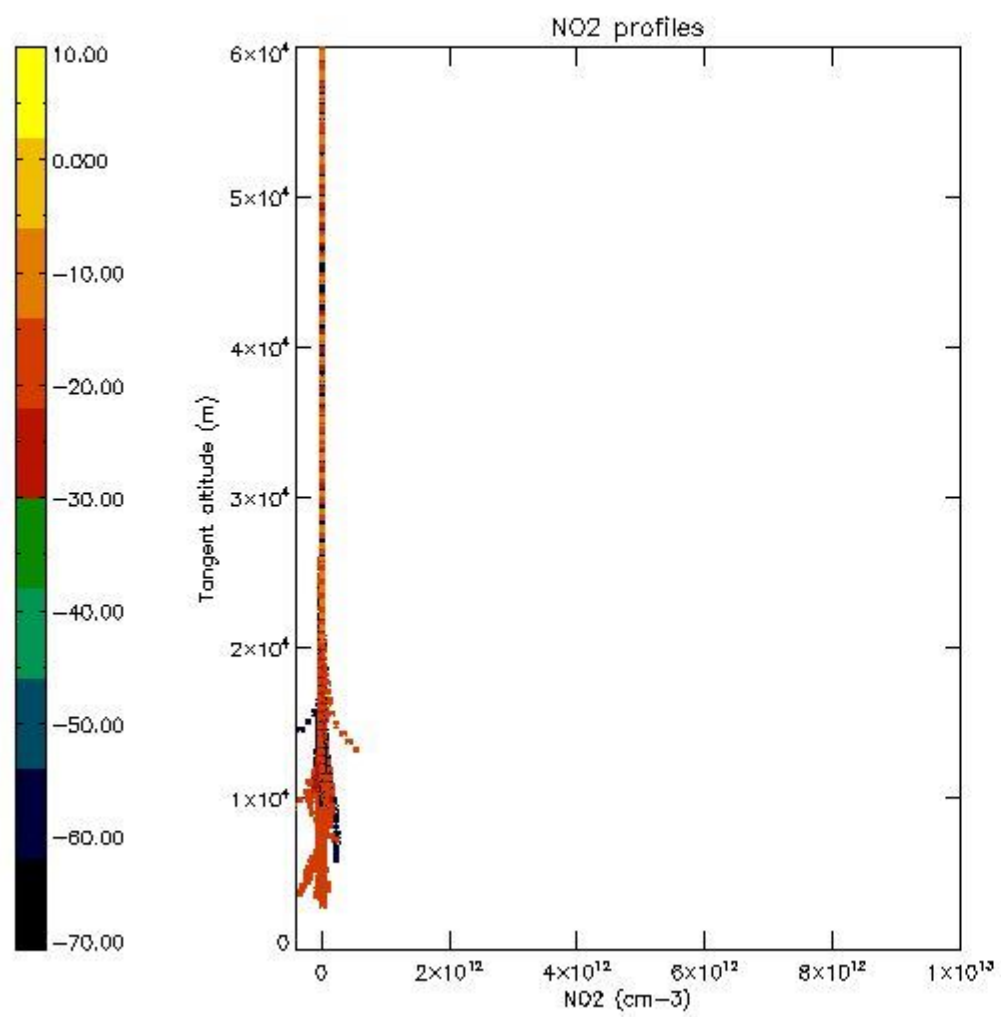
The colorbar represents the latitude.





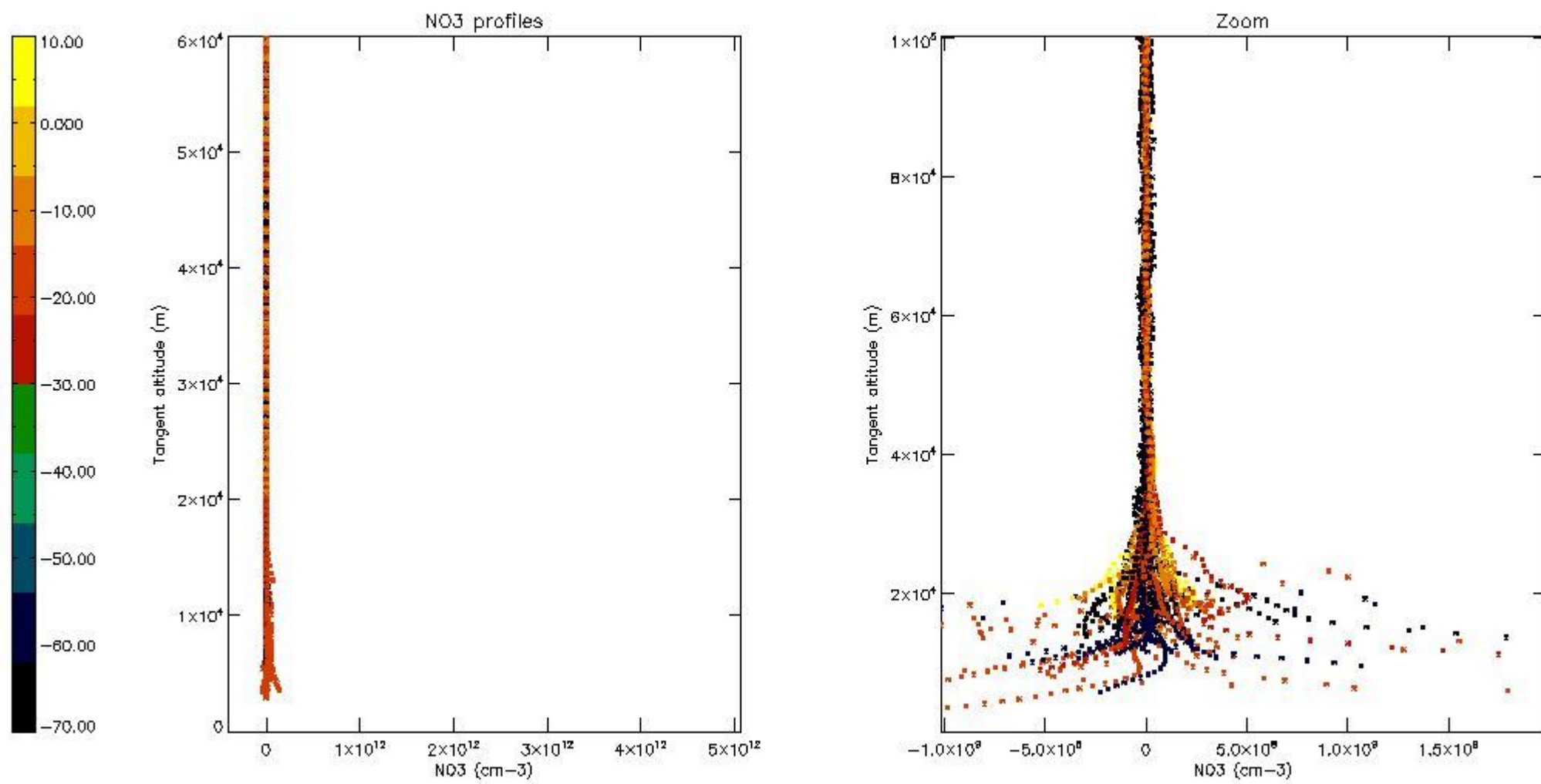
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



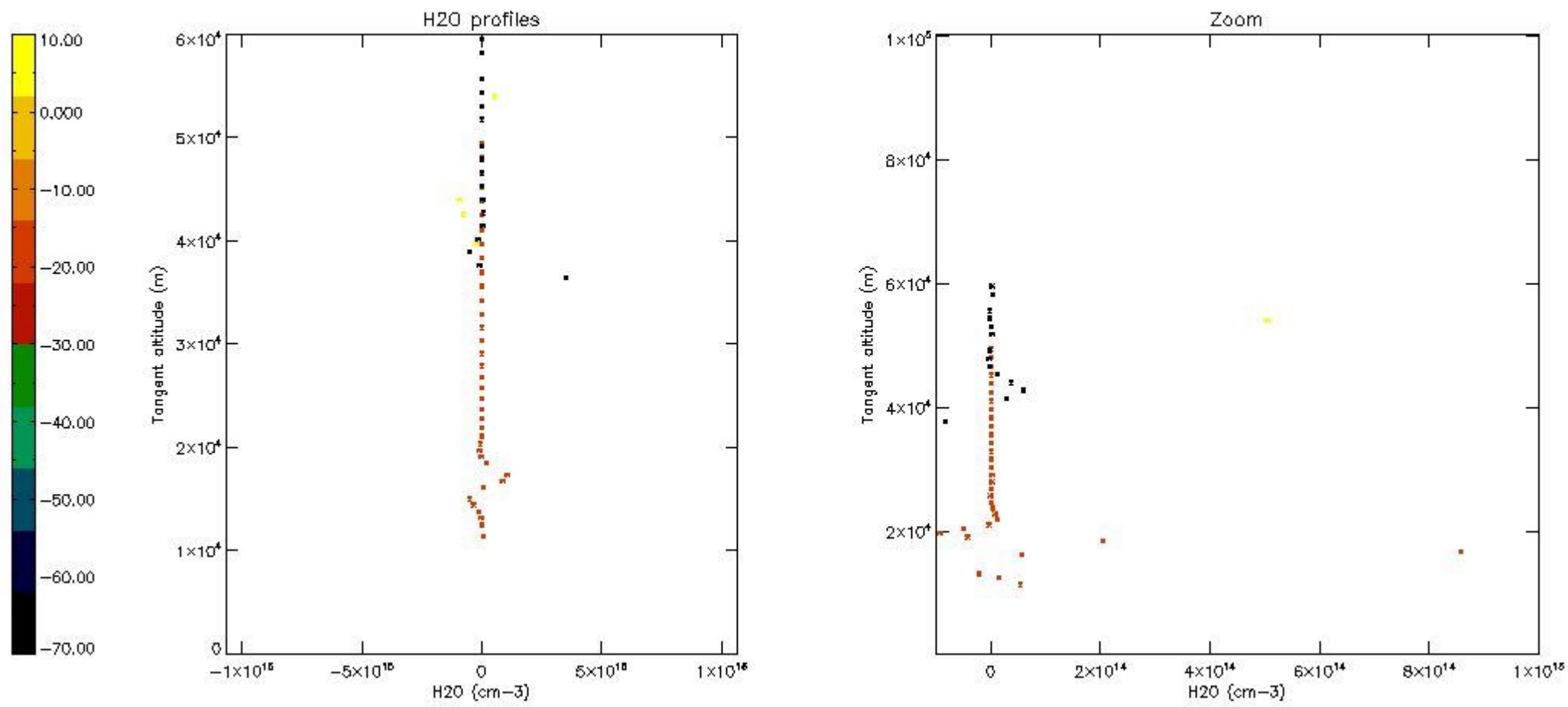
*5.7 Plot NO3 profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	28-MAY-2011 00:09:38
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	28-MAY-2011 00:09:38
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	28-MAY-2011 00:09:38

# GOMOS Level 2 Daily Report

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

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

This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM\_NL\_\_2P). It is intended to monitor some important parameters that will impact the quality of these products. A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

Item	Value
Time of report generation	24APR2013 14:06:53
Data source version	GOMOS/6.01
Start time of products	28-05-2011 (28MAY2011 00:00:00)
Stop time of products	29-05-2011 (29MAY2011 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	305
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__2PRFIN20110528_000938_000000583103_00031_48321_5625.N1	28-MAY-2011 00:09:38	Dark	57.500	63	Bet Gru	2.1500	2800.0	115	48321	No
2	GOM_NL__2PRFIN20110528_001126_000000463103_00031_48321_5626.N1	28-MAY-2011 00:11:26	Dark	45.500	31	Alp Gru	1.7340	15200.	91	48321	No
3	GOM_NL__2PRFIN20110528_001635_000000443103_00031_48321_5627.N1	28-MAY-2011 00:16:35	Dark	43.500	45	Alp Pav	1.9400	26000.	87	48321	No
4	GOM_NL__2PRFIN20110528_002412_000000443103_00031_48321_5628.N1	28-MAY-2011 00:24:12	Straylight	43.500	147	Alp Ara	2.8770	26000.	87	48321	No
5	GOM_NL__2PRFIN20110528_002552_000000493103_00031_48321_5629.N1	28-MAY-2011 00:25:52	Straylight	48.500	40	The Sco	1.8590	7100.0	97	48321	No
6	GOM_NL__2PRFIN20110528_002740_000000473103_00031_48321_5630.N1	28-MAY-2011 00:27:40	Straylight	47.000	25	35Lam Sco	1.6200	28000.	94	48321	No
7	GOM_NL__2PRFIN20110528_002932_000000483103_00031_48321_5631.N1	28-MAY-2011 00:29:32	Twilight	47.500	75	26Eps Sco	2.2910	4250.0	95	48321	No
8	GOM_NL__2PRFIN20110528_003137_000000443103_00031_48321_5632.N1	28-MAY-2011 00:31:37	Twilight	44.000	136	23Tau Sco	2.8220	30000.	88	48321	No
9	GOM_NL__2PRFIN20110528_003345_000000433103_00031_48321_5633.N1	28-MAY-2011 00:33:45	Bright	42.500	80	7Del Sco	2.3160	30000.	85	48321	No
10	GOM_NL__2PRFIN20110528_003521_000000483103_00031_48321_5634.N1	28-MAY-2011 00:35:21	Bright	48.000	86	35Eta Oph	2.4300	10200.	96	48321	No
11	GOM_NL__2PRFIN20110528_003716_000000443103_00031_48321_5635.N1	28-MAY-2011 00:37:16	Bright	43.500	98	13Zet Oph	2.5710	30000.	87	48321	No
12	GOM_NL__2PRFIN20110528_003930_000000423103_00031_48321_5636.N1	28-MAY-2011 00:39:30	Bright	41.500	120	1Del Oph	2.7340	3200.0	83	48321	No
13	GOM_NL__2PRFIN20110528_004231_000000383103_00031_48321_5637.N1	28-MAY-2011 00:42:31	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	48321	No
14	GOM_NL__2PRFIN20110528_004829_000000403103_00031_48321_5638.N1	28-MAY-2011 00:48:29	Bright	39.500	67	5Alp CrB	2.2210	11000.	79	48321	No
15	GOM_NL__2PRFIN20110528_005126_000000453103_00031_48321_5639.N1	28-MAY-2011 00:51:26	Bright	45.000	133	40Zet Her	2.8070	6000.0	90	48321	No
16	GOM_NL__2PRFIN20110528_005909_000000373103_00031_48321_5640.N1	28-MAY-2011 00:59:09	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	48321	No
17	GOM_NL__2PRFIN20110528_010943_000000463103_00031_48321_5641.N1	28-MAY-2011 01:09:43	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	48321	No
18	GOM_NL__2PRFIN20110528_011420_000000553103_00031_48321_5642.N1	28-MAY-2011 01:14:20	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	48321	No
19	GOM_NL__2PRFIN20110528_012154_000000423103_00031_48321_5643.N1	28-MAY-2011 01:21:54	Bright	41.500	53	43Bet And	2.0480	3300.0	83	48321	No
20	GOM_NL__2PRFIN20110528_012430_000000533103_00031_48321_5644.N1	28-MAY-2011 01:24:30	Twilight	53.000	58	21Alp And	2.0730	11000.	106	48321	No
21	GOM_NL__2PRFIN20110528_012912_000000503103_00031_48321_5645.N1	28-MAY-2011 01:29:12	Dark	49.500	140	88Gam Peg	2.8340	26000.	99	48321	No
22	GOM_NL__2PRFIN20110528_013807_000000513103_00031_48321_5646.N1	28-MAY-2011 01:38:07	Dark	50.500	52	16Bet Cet	2.0370	4500.0	101	48321	No
23	GOM_NL__2PRFIN20110528_014953_000000613103_00032_48322_5632.N1	28-MAY-2011 01:49:53	Dark	61.000	63	Bet Gru	2.1500	2800.0	122	48322	No
24	GOM_NL__2PRFIN20110528_015141_000000463103_00032_48322_5633.N1	28-MAY-2011 01:51:41	Dark	45.500	31	Alp Gru	1.7340	15200.	91	48322	No
25	GOM_NL__2PRFIN20110528_015649_000000433103_00032_48322_5634.N1	28-MAY-2011 01:56:49	Dark	43.000	45	Alp Pav	1.9400	26000.	86	48322	No
26	GOM_NL__2PRFIN20110528_020427_000000423103_00032_48322_5635.N1	28-MAY-2011 02:04:27	Straylight	42.000	147	Alp Ara	2.8770	26000.	84	48322	No
27	GOM_NL__2PRFIN20110528_020606_000000483103_00032_48322_5636.N1	28-MAY-2011 02:06:06	Straylight	47.500	40	The Sco	1.8590	7100.0	95	48322	No
28	GOM_NL__2PRFIN20110528_020755_000000493103_00032_48322_5637.N1	28-MAY-2011 02:07:55	Twilight	48.500	25	35Lam Sco	1.6200	28000.	97	48322	No
29	GOM_NL__2PRFIN20110528_020947_000000473103_00032_48322_5638.N1	28-MAY-2011 02:09:47	Twilight	47.000	75	26Eps Sco	2.2910	4250.0	94	48322	No
30	GOM_NL__2PRFIN20110528_021152_000000443103_00032_48322_5639.N1	28-MAY-2011 02:11:52	Twilight	43.500	136	23Tau Sco	2.8220	30000.	87	48322	No
31	GOM_NL__2PRFIN20110528_021400_000000433103_00032_48322_5640.N1	28-MAY-2011 02:14:00	Bright	43.000	80	7Del Sco	2.3160	30000.	86	48322	No
32	GOM_NL__2PRFIN20110528_021535_000000493103_00032_48322_5641.N1	28-MAY-2011 02:15:35	Bright	48.500	86	35Eta Oph	2.4300	10200.	97	48322	No
33	GOM_NL__2PRFIN20110528_021730_000000493103_00032_48322_5642.N1	28-MAY-2011 02:17:30	Bright	48.500	98	13Zet Oph	2.5710	30000.	97	48322	No
34	GOM_NL__2PRFIN20110528_021944_000000413103_00032_48322_5643.N1	28-MAY-2011 02:19:44	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	48322	No
35	GOM_NL__2PRFIN20110528_022245_000000393103_00032_48322_5644.N1	28-MAY-2011 02:22:45	Bright	38.500	102	24Alp Ser	2.6000	4250.0	77	48322	No
36	GOM_NL__2PRFIN20110528_022843_000000403103_00032_48322_5645.N1	28-MAY-2011 02:28:43	Bright	40.000	67	5Alp CrB	2.2210	11000.	80	48322	No
37	GOM_NL__2PRFIN20110528_023139_000000463103_00032_48322_5646.N1	28-MAY-2011 02:31:39	Bright	46.000	133	40Zet Her	2.8070	6000.0	92	48322	No
38	GOM_NL__2PRFIN20110528_023923_000000573103_00032_48322_5647.N1	28-MAY-2011 02:39:23	Bright	56.500	119	14Eta Dra	2.7270	4700.0	113	48322	No
39	GOM_NL__2PRFIN20110528_024956_000000483103_00032_48322_5648.N1	28-MAY-2011 02:49:56	Bright	47.500	89	5Alp Cep	2.4510	8000.0	95	48322	No
40	GOM_NL__2PRFIN20110528_025434_000000553103_00032_48322_5649.N1	28-MAY-2011 02:54:34	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	48322	No
41	GOM_NL__2PRFIN20110528_030208_000000423103_00032_48322_5650.N1	28-MAY-2011 03:02:08	Bright	41.500	53	43Bet And	2.0480	3300.0	83	48322	No
42	GOM_NL__2PRFIN20110528_030444_000000503103_00032_48322_5651.N1	28-MAY-2011 03:04:44	Twilight	49.500	58	21Alp And	2.0730	11000.	99	48322	No

43	GOM_NL__2PRFIN20110528_030926_000000483103_00032_48322_5652.N1	28-MAY-2011 03:09:26	Dark	48.000	140	88Gam Peg	2.8340	26000.	96	48322	No
44	GOM_NL__2PRFIN20110528_031821_000000473103_00032_48322_5653.N1	28-MAY-2011 03:18:21	Dark	46.500	52	16Bet Cet	2.0370	4500.0	93	48322	No
45	GOM_NL__2PRFIN20110528_033008_000000493103_00033_48323_5646.N1	28-MAY-2011 03:30:08	Dark	49.000	63	Bet Gru	2.1500	2800.0	98	48323	No
46	GOM_NL__2PRFIN20110528_033156_000000503103_00033_48323_5647.N1	28-MAY-2011 03:31:56	Dark	50.000	31	Alp Gru	1.7340	15200.	100	48323	No
47	GOM_NL__2PRFIN20110528_033704_000000433103_00033_48323_5648.N1	28-MAY-2011 03:37:04	Dark	43.000	45	Alp Pav	1.9400	26000.	86	48323	No
48	GOM_NL__2PRFIN20110528_034441_000000413103_00033_48323_5649.N1	28-MAY-2011 03:44:41	Straylight	40.500	147	Alp Ara	2.8770	26000.	81	48323	No
49	GOM_NL__2PRFIN20110528_034621_000000483103_00033_48323_5650.N1	28-MAY-2011 03:46:21	Straylight	47.500	40	The Sco	1.8590	7100.0	95	48323	No
50	GOM_NL__2PRFIN20110528_034809_000000483103_00033_48323_5651.N1	28-MAY-2011 03:48:09	Twi_and_stray	47.500	25	35Lam Sco	1.6200	28000.	95	48323	No
51	GOM_NL__2PRFIN20110528_035001_000000463103_00033_48323_5652.N1	28-MAY-2011 03:50:01	Twi_and_stray	45.500	75	26Eps Sco	2.2910	4250.0	91	48323	No
52	GOM_NL__2PRFIN20110528_035206_000000433103_00033_48323_5653.N1	28-MAY-2011 03:52:06	Twi_and_stray	42.500	136	23Tau Sco	2.8220	30000.	85	48323	No
53	GOM_NL__2PRFIN20110528_035414_000000423103_00033_48323_5654.N1	28-MAY-2011 03:54:14	Bright	41.500	80	7Del Sco	2.3160	30000.	83	48323	No
54	GOM_NL__2PRFIN20110528_035550_000000493103_00033_48323_5655.N1	28-MAY-2011 03:55:50	Bright	48.500	86	35Eta Oph	2.4300	10200.	97	48323	No
55	GOM_NL__2PRFIN20110528_035744_000000443103_00033_48323_5656.N1	28-MAY-2011 03:57:44	Bright	44.000	98	13Zet Oph	2.5710	30000.	88	48323	No
56	GOM_NL__2PRFIN20110528_035958_000000423103_00033_48323_5657.N1	28-MAY-2011 03:59:58	Bright	41.500	120	1Del Oph	2.7340	3200.0	83	48323	No
57	GOM_NL__2PRFIN20110528_040259_000000383103_00033_48323_5658.N1	28-MAY-2011 04:02:59	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	48323	No
58	GOM_NL__2PRFIN20110528_040857_000000403103_00033_48323_5659.N1	28-MAY-2011 04:08:57	Bright	39.500	67	5Alp CrB	2.2210	11000.	79	48323	No
59	GOM_NL__2PRFIN20110528_041153_000000473103_00033_48323_5660.N1	28-MAY-2011 04:11:53	Bright	46.500	133	40Zet Her	2.8070	6000.0	93	48323	No
60	GOM_NL__2PRFIN20110528_041937_000000393103_00033_48323_5661.N1	28-MAY-2011 04:19:37	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	48323	No
61	GOM_NL__2PRFIN20110528_043010_000000463103_00033_48323_5662.N1	28-MAY-2011 04:30:10	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	48323	No
62	GOM_NL__2PRFIN20110528_043448_000000433103_00033_48323_5663.N1	28-MAY-2011 04:34:48	Bright	43.000	76	27Gam Cas	2.3000	30000.	86	48323	No
63	GOM_NL__2PRFIN20110528_044222_000000413103_00033_48323_5664.N1	28-MAY-2011 04:42:22	Bright	41.000	53	43Bet And	2.0480	3300.0	82	48323	No
64	GOM_NL__2PRFIN20110528_044458_000000543103_00033_48323_5665.N1	28-MAY-2011 04:44:58	Twi_and_stray	53.500	58	21Alp And	2.0730	11000.	107	48323	No
65	GOM_NL__2PRFIN20110528_044941_000000493103_00033_48323_5666.N1	28-MAY-2011 04:49:41	Dark	49.000	140	88Gam Peg	2.8340	26000.	98	48323	No
66	GOM_NL__2PRFIN20110528_045836_000000493103_00033_48323_5667.N1	28-MAY-2011 04:58:36	Dark	48.500	52	16Bet Cet	2.0370	4500.0	97	48323	No
67	GOM_NL__2PRFIN20110528_051023_000000603103_00034_48324_5657.N1	28-MAY-2011 05:10:23	Dark	59.500	63	Bet Gru	2.1500	2800.0	119	48324	No
68	GOM_NL__2PRFIN20110528_051210_000000463103_00034_48324_5658.N1	28-MAY-2011 05:12:10	Dark	46.000	31	Alp Gru	1.7340	15200.	92	48324	No
69	GOM_NL__2PRFIN20110528_051719_000000443103_00034_48324_5659.N1	28-MAY-2011 05:17:19	Dark	43.500	45	Alp Pav	1.9400	26000.	87	48324	No
70	GOM_NL__2PRFIN20110528_052456_000000403103_00034_48324_5660.N1	28-MAY-2011 05:24:56	Straylight	39.500	147	Alp Ara	2.8770	26000.	79	48324	No
71	GOM_NL__2PRFIN20110528_052635_000000483103_00034_48324_5661.N1	28-MAY-2011 05:26:35	Straylight	47.500	40	The Sco	1.8590	7100.0	95	48324	No
72	GOM_NL__2PRFIN20110528_052824_000000453103_00034_48324_5662.N1	28-MAY-2011 05:28:24	Twi_and_stray	45.000	25	35Lam Sco	1.6200	28000.	90	48324	No
73	GOM_NL__2PRFIN20110528_053016_000000483103_00034_48324_5663.N1	28-MAY-2011 05:30:16	Twi_and_stray	48.000	75	26Eps Sco	2.2910	4250.0	96	48324	No
74	GOM_NL__2PRFIN20110528_053221_000000453103_00034_48324_5664.N1	28-MAY-2011 05:32:21	Twi_and_stray	44.500	136	23Tau Sco	2.8220	30000.	89	48324	No
75	GOM_NL__2PRFIN20110528_053428_000000423103_00034_48324_5665.N1	28-MAY-2011 05:34:28	Bright	42.000	80	7Del Sco	2.3160	30000.	84	48324	No
76	GOM_NL__2PRFIN20110528_053604_000000493103_00034_48324_5666.N1	28-MAY-2011 05:36:04	Bright	49.000	86	35Eta Oph	2.4300	10200.	98	48324	No
77	GOM_NL__2PRFIN20110528_053758_000000433103_00034_48324_5667.N1	28-MAY-2011 05:37:58	Bright	43.000	98	13Zet Oph	2.5710	30000.	86	48324	No
78	GOM_NL__2PRFIN20110528_054012_000000413103_00034_48324_5668.N1	28-MAY-2011 05:40:12	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	48324	No
79	GOM_NL__2PRFIN20110528_054313_000000383103_00034_48324_5669.N1	28-MAY-2011 05:43:13	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	48324	No
80	GOM_NL__2PRFIN20110528_054911_000000403103_00034_48324_5670.N1	28-MAY-2011 05:49:11	Bright	39.500	67	5Alp CrB	2.2210	11000.	79	48324	No
81	GOM_NL__2PRFIN20110528_055206_000000473103_00034_48324_5671.N1	28-MAY-2011 05:52:06	Bright	46.500	133	40Zet Her	2.8070	6000.0	93	48324	No
82	GOM_NL__2PRFIN20110528_055951_000000393103_00034_48324_5672.N1	28-MAY-2011 05:59:51	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	48324	No
83	GOM_NL__2PRFIN20110528_061023_000000443103_00034_48324_5673.N1	28-MAY-2011 06:10:23	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	48324	No
84	GOM_NL__2PRFIN20110528_061502_000000373103_00034_48324_5674.N1	28-MAY-2011 06:15:02	Bright	37.000	76	27Gam Cas	2.3000	30000.	74	48324	No
85	GOM_NL__2PRFIN20110528_062237_000000423103_00034_48324_5675.N1	28-MAY-2011 06:22:37	Bright	42.000	53	43Bet And	2.0480	3300.0	84	48324	No
86	GOM_NL__2PRFIN20110528_062513_000000513103_00034_48324_5676.N1	28-MAY-2011 06:25:13	Twi_and_stray	50.500	58	21Alp And	2.0730	11000.	101	48324	No
87	GOM_NL__2PRFIN20110528_062956_000000473103_00034_48324_5677.N1	28-MAY-2011 06:29:56	Dark	47.000	140	88Gam Peg	2.8340	26000.	94	48324	No
88	GOM_NL__2PRFIN20110528_063850_000000473103_00034_48324_5678.N1	28-MAY-2011 06:38:50	Dark	46.500	52	16Bet Cet	2.0370	4500.0	93	48324	No
89	GOM_NL__2PRFIN20110528_065037_000000623103_00035_48325_5703.N1	28-MAY-2011 06:50:37	Dark	62.000	63	Bet Gru	2.1500	2800.0	124	48325	No
90	GOM_NL__2PRFIN20110528_065225_000000473103_00035_48325_5704.N1	28-MAY-2011 06:52:25	Dark	46.500	31	Alp Gru	1.7340	15200.	93	48325	No
91	GOM_NL__2PRFIN20110528_065734_000000443103_00035_48325_5705.N1	28-MAY-2011 06:57:34	Dark	43.500	45	Alp Pav	1.9400	26000.	87	48325	No
92	GOM_NL__2PRFIN20110528_070511_000000413103_00035_48325_5706.N1	28-MAY-2011 07:05:11	Straylight	40.500	147	Alp Ara	2.8770	26000.	81	48325	No
93	GOM_NL__2PRFIN20110528_070650_000000473103_00035_48325_5707.N1	28-MAY-2011 07:06:50	Straylight	47.000	40	The Sco	1.8590	7100.0	94	48325	No
94	GOM_NL__2PRFIN20110528_070838_000000523103_00035_48325_5708.N1	28-MAY-2011 07:08:38	Twi_and_stray	51.500	25	35Lam Sco	1.6200	28000.	103	48325	No
95	GOM_NL__2PRFIN20110528_071030_000000483103_00035_48325_5709.N1	28-MAY-2011 07:10:30	Twi_and_stray	47.500	75	26Eps Sco	2.2910	4250.0	95	48325	No
96	GOM_NL__2PRFIN20110528_071234_000000423103_00035_48325_5710.N1	28-MAY-2011 07:12:34	Twi_and_stray	41.500	136	23Tau Sco	2.8220	30000.	83	48325	No
97	GOM_NL__2PRFIN20110528_071442_000000423103_00035_48325_5711.N1	28-MAY-2011 07:14:42	Bright	42.000	80	7Del Sco	2.3160	30000.	84	48325	No
98	GOM_NL__2PRFIN20110528_071618_000000473103_00035_48325_5712.N1	28-MAY-2011 07:16:18	Bright	47.000	86	35Eta Oph	2.4300	10200.	94	48325	No
99	GOM_NL__2PRFIN20110528_071813_000000443103_00035_48325_5713.N1	28-MAY-2011 07:18:13	Bright	43.500	98	13Zet Oph	2.5710	30000.	87	48325	No
100	GOM_NL__2PRFIN20110528_072026_000000413103_00035_48325_5714.N1	28-MAY-2011 07:20:26	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	48325	No
101	GOM_NL__2PRFIN20110528_072327_000000383103_00035_48325_5715.N1	28-MAY-2011 07:23:27	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	48325	No

102	GOM_NL__2PRFIN20110528_072924_000000513103_00035_48325_5716.N1	28-MAY-2011 07:29:24	Bright	51.000	67	5Alp CrB	2.2210	11000.	102	48325	No
103	GOM_NL__2PRFIN20110528_073219_000000463103_00035_48325_5717.N1	28-MAY-2011 07:32:19	Bright	45.500	133	40Zet Her	2.8070	6000.0	91	48325	No
104	GOM_NL__2PRFIN20110528_074004_000000403103_00035_48325_5718.N1	28-MAY-2011 07:40:04	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	48325	No
105	GOM_NL__2PRFIN20110528_075037_000000633103_00035_48325_5719.N1	28-MAY-2011 07:50:37	Bright	62.500	89	5Alp Cep	2.4510	8000.0	125	48325	No
106	GOM_NL__2PRFIN20110528_075516_000000473103_00035_48325_5720.N1	28-MAY-2011 07:55:16	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	48325	No
107	GOM_NL__2PRFIN20110528_080251_000000413103_00035_48325_5721.N1	28-MAY-2011 08:02:51	Bright	40.500	53	43Bet And	2.0480	3300.0	81	48325	No
108	GOM_NL__2PRFIN20110528_080527_000000493103_00035_48325_5722.N1	28-MAY-2011 08:05:27	Twilight	49.000	58	21Alp And	2.0730	11000.	98	48325	No
109	GOM_NL__2PRFIN20110528_081010_000000513103_00035_48325_5723.N1	28-MAY-2011 08:10:10	Dark	51.000	140	88Gam Peg	2.8340	26000.	102	48325	No
110	GOM_NL__2PRFIN20110528_081905_000000483103_00035_48325_5724.N1	28-MAY-2011 08:19:05	Dark	48.000	52	16Bet Cet	2.0370	4500.0	96	48325	No
111	GOM_NL__2PRFIN20110528_083052_000000493103_00036_48326_5761.N1	28-MAY-2011 08:30:52	Dark	48.500	63	Bet Gru	2.1500	2800.0	97	48326	No
112	GOM_NL__2PRFIN20110528_083240_000000473103_00036_48326_5762.N1	28-MAY-2011 08:32:40	Dark	46.500	31	Alp Gru	1.7340	15200.	93	48326	No
113	GOM_NL__2PRFIN20110528_083748_000000443103_00036_48326_5763.N1	28-MAY-2011 08:37:48	Dark	43.500	45	Alp Pav	1.9400	26000.	87	48326	No
114	GOM_NL__2PRFIN20110528_084525_000000433103_00036_48326_5764.N1	28-MAY-2011 08:45:25	Straylight	42.500	147	Alp Ara	2.8770	26000.	85	48326	No
115	GOM_NL__2PRFIN20110528_084704_000000543103_00036_48326_5765.N1	28-MAY-2011 08:47:04	Straylight	54.000	40	The Sco	1.8590	7100.0	108	48326	No
116	GOM_NL__2PRFIN20110528_084853_000000493103_00036_48326_5766.N1	28-MAY-2011 08:48:53	Twilight	48.500	25	35Lam Sco	1.6200	28000.	97	48326	No
117	GOM_NL__2PRFIN20110528_085044_000000463103_00036_48326_5767.N1	28-MAY-2011 08:50:44	Twilight	46.000	75	26Eps Sco	2.2910	4250.0	92	48326	No
118	GOM_NL__2PRFIN20110528_085249_000000453103_00036_48326_5768.N1	28-MAY-2011 08:52:49	Twilight	45.000	136	23Tau Sco	2.8220	30000.	90	48326	No
119	GOM_NL__2PRFIN20110528_085826_000000433103_00036_48326_5769.N1	28-MAY-2011 08:58:26	Bright	43.000	98	13Zet Oph	2.5710	30000.	86	48326	No
120	GOM_NL__2PRFIN20110528_090040_000000413103_00036_48326_5770.N1	28-MAY-2011 09:00:40	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	48326	No
121	GOM_NL__2PRFIN20110528_090341_000000383103_00036_48326_5771.N1	28-MAY-2011 09:03:41	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	48326	No
122	GOM_NL__2PRFIN20110528_090938_000000393103_00036_48326_5772.N1	28-MAY-2011 09:09:38	Bright	38.500	67	5Alp CrB	2.2210	11000.	77	48326	No
123	GOM_NL__2PRFIN20110528_091233_000000453103_00036_48326_5773.N1	28-MAY-2011 09:12:33	Bright	44.500	133	40Zet Her	2.8070	6000.0	89	48326	No
124	GOM_NL__2PRFIN20110528_092018_000000403103_00036_48326_5774.N1	28-MAY-2011 09:20:18	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	48326	No
125	GOM_NL__2PRFIN20110528_093050_000000473103_00036_48326_5775.N1	28-MAY-2011 09:30:50	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	48326	No
126	GOM_NL__2PRFIN20110528_093530_000000553103_00036_48326_5776.N1	28-MAY-2011 09:35:30	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	48326	No
127	GOM_NL__2PRFIN20110528_094305_000000413103_00036_48326_5777.N1	28-MAY-2011 09:43:05	Bright	40.500	53	43Bet And	2.0480	3300.0	81	48326	No
128	GOM_NL__2PRFIN20110528_094541_000000503103_00036_48326_5778.N1	28-MAY-2011 09:45:41	Twilight	50.000	58	21Alp And	2.0730	11000.	100	48326	No
129	GOM_NL__2PRFIN20110528_095025_000000513103_00036_48326_5779.N1	28-MAY-2011 09:50:25	Dark	50.500	140	88Gam Peg	2.8340	26000.	101	48326	No
130	GOM_NL__2PRFIN20110528_095919_000000543103_00036_48326_5780.N1	28-MAY-2011 09:59:19	Dark	53.500	52	16Bet Cet	2.0370	4500.0	107	48326	No
131	GOM_NL__2PRFIN20110528_101107_000000593103_00037_48327_5827.N1	28-MAY-2011 10:11:07	Dark	59.000	63	Bet Gru	2.1500	2800.0	118	48327	No
132	GOM_NL__2PRFIN20110528_101255_000000483103_00037_48327_5828.N1	28-MAY-2011 10:12:55	Dark	48.000	31	Alp Gru	1.7340	15200.	96	48327	No
133	GOM_NL__2PRFIN20110528_101803_000000463103_00037_48327_5829.N1	28-MAY-2011 10:18:03	Dark	45.500	45	Alp Pav	1.9400	26000.	91	48327	No
134	GOM_NL__2PRFIN20110528_102539_000000403103_00037_48327_5830.N1	28-MAY-2011 10:25:39	Straylight	40.000	147	Alp Ara	2.8770	26000.	80	48327	No
135	GOM_NL__2PRFIN20110528_102719_000000493103_00037_48327_5831.N1	28-MAY-2011 10:27:19	Straylight	48.500	40	The Sco	1.8590	7100.0	97	48327	No
136	GOM_NL__2PRFIN20110528_102907_000000503103_00037_48327_5832.N1	28-MAY-2011 10:29:07	Twilight	50.000	25	35Lam Sco	1.6200	28000.	100	48327	No
137	GOM_NL__2PRFIN20110528_103058_000000453103_00037_48327_5833.N1	28-MAY-2011 10:30:58	Twilight	44.500	75	26Eps Sco	2.2910	4250.0	89	48327	No
138	GOM_NL__2PRFIN20110528_103303_000000443103_00037_48327_5834.N1	28-MAY-2011 10:33:03	Twilight	44.000	136	23Tau Sco	2.8220	30000.	88	48327	No
139	GOM_NL__2PRFIN20110528_103840_000000413103_00037_48327_5835.N1	28-MAY-2011 10:38:40	Bright	41.000	98	13Zet Oph	2.5710	30000.	82	48327	No
140	GOM_NL__2PRFIN20110528_104054_000000413103_00037_48327_5836.N1	28-MAY-2011 10:40:54	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	48327	No
141	GOM_NL__2PRFIN20110528_104355_000000383103_00037_48327_5837.N1	28-MAY-2011 10:43:55	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	48327	No
142	GOM_NL__2PRFIN20110528_104952_000000403103_00037_48327_5838.N1	28-MAY-2011 10:49:52	Bright	39.500	67	5Alp CrB	2.2210	11000.	79	48327	No
143	GOM_NL__2PRFIN20110528_105246_000000663103_00037_48327_5839.N1	28-MAY-2011 10:52:46	Bright	66.000	133	40Zet Her	2.8070	6000.0	132	48327	No
144	GOM_NL__2PRFIN20110528_110032_000000413103_00037_48327_5840.N1	28-MAY-2011 11:00:32	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	48327	No
145	GOM_NL__2PRFIN20110528_111103_000000473103_00037_48327_5841.N1	28-MAY-2011 11:11:03	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	48327	No
146	GOM_NL__2PRFIN20110528_111544_000000453103_00037_48327_5842.N1	28-MAY-2011 11:15:44	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	48327	No
147	GOM_NL__2PRFIN20110528_112319_000000383103_00037_48327_5843.N1	28-MAY-2011 11:23:19	Bright	38.000	53	43Bet And	2.0480	3300.0	76	48327	No
148	GOM_NL__2PRFIN20110528_112555_000000523103_00037_48327_5844.N1	28-MAY-2011 11:25:55	Twilight	51.500	58	21Alp And	2.0730	11000.	103	48327	No
149	GOM_NL__2PRFIN20110528_113039_000000503103_00037_48327_5845.N1	28-MAY-2011 11:30:39	Dark	49.500	140	88Gam Peg	2.8340	26000.	99	48327	No
150	GOM_NL__2PRFIN20110528_113934_000000463103_00037_48327_5846.N1	28-MAY-2011 11:39:34	Dark	46.000	52	16Bet Cet	2.0370	4500.0	92	48327	No
151	GOM_NL__2PRFIN20110528_115122_000000523103_00038_48328_5902.N1	28-MAY-2011 11:51:22	Dark	51.500	63	Bet Gru	2.1500	2800.0	103	48328	No
152	GOM_NL__2PRFIN20110528_115310_000000473103_00038_48328_5903.N1	28-MAY-2011 11:53:10	Dark	47.000	31	Alp Gru	1.7340	15200.	94	48328	No
153	GOM_NL__2PRFIN20110528_115817_000000443103_00038_48328_5904.N1	28-MAY-2011 11:58:17	Dark	43.500	45	Alp Pav	1.9400	26000.	87	48328	No
154	GOM_NL__2PRFIN20110528_120554_000000413103_00038_48328_5905.N1	28-MAY-2011 12:05:54	Straylight	40.500	147	Alp Ara	2.8770	26000.	81	48328	No
155	GOM_NL__2PRFIN20110528_120733_000000473103_00038_48328_5906.N1	28-MAY-2011 12:07:33	Straylight	46.500	40	The Sco	1.8590	7100.0	93	48328	No
156	GOM_NL__2PRFIN20110528_120922_000000513103_00038_48328_5907.N1	28-MAY-2011 12:09:22	Twilight	51.000	25	35Lam Sco	1.6200	28000.	102	48328	No
157	GOM_NL__2PRFIN20110528_121113_000000453103_00038_48328_5908.N1	28-MAY-2011 12:11:13	Twilight	45.000	75	26Eps Sco	2.2910	4250.0	90	48328	No
158	GOM_NL__2PRFIN20110528_121317_000000423103_00038_48328_5909.N1	28-MAY-2011 12:13:17	Twilight	42.000	136	23Tau Sco	2.8220	30000.	84	48328	No
159	GOM_NL__2PRFIN20110528_121854_000000443103_00038_48328_5910.N1	28-MAY-2011 12:18:54	Bright	44.000	98	13Zet Oph	2.5710	30000.	88	48328	No
160	GOM_NL__2PRFIN20110528_122108_000000413103_00038_48328_5911.N1	28-MAY-2011 12:21:08	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	48328	No



161	GOM_NL__2PRFIN20110528_122409_000000563103_00038_48328_5912.N1	28-MAY-2011 12:24:09	Bright	56.000	102	24Alp Ser	2.6000	4250.0	112	48328	No
162	GOM_NL__2PRFIN20110528_123006_000000563103_00038_48328_5913.N1	28-MAY-2011 12:30:06	Bright	56.000	67	5Alp CrB	2.2210	11000.	112	48328	No
163	GOM_NL__2PRFIN20110528_123300_000000433103_00038_48328_5914.N1	28-MAY-2011 12:33:00	Bright	43.000	133	40Zet Her	2.8070	6000.0	86	48328	No
164	GOM_NL__2PRFIN20110528_124045_000000363103_00038_48328_5915.N1	28-MAY-2011 12:40:45	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	48328	No
165	GOM_NL__2PRFIN20110528_125117_000000453103_00038_48328_5916.N1	28-MAY-2011 12:51:17	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	48328	No
166	GOM_NL__2PRFIN20110528_125557_000000353103_00038_48328_5917.N1	28-MAY-2011 12:55:57	Bright	35.000	76	27Gam Cas	2.3000	30000.	70	48328	No
167	GOM_NL__2PRFIN20110528_130333_000000433103_00038_48328_5918.N1	28-MAY-2011 13:03:33	Bright	42.500	53	43Bet And	2.0480	3300.0	85	48328	No
168	GOM_NL__2PRFIN20110528_130609_000000543103_00038_48328_5919.N1	28-MAY-2011 13:06:09	Twilight	54.000	58	21Alp And	2.0730	11000.	108	48328	No
169	GOM_NL__2PRFIN20110528_131054_000000493103_00038_48328_5920.N1	28-MAY-2011 13:10:54	Dark	49.000	140	88Gam Peg	2.8340	26000.	98	48328	No
170	GOM_NL__2PRFIN20110528_131948_000000463103_00038_48328_5921.N1	28-MAY-2011 13:19:48	Dark	45.500	52	16Bet Cet	2.0370	4500.0	91	48328	No
171	GOM_NL__2PRFIN20110528_133137_000000563103_00039_48329_5995.N1	28-MAY-2011 13:31:37	Dark	55.500	63	Bet Gru	2.1500	2800.0	111	48329	No
172	GOM_NL__2PRFIN20110528_133325_000000473103_00039_48329_5996.N1	28-MAY-2011 13:33:25	Dark	46.500	31	Alp Gru	1.7340	15200.	93	48329	No
173	GOM_NL__2PRFIN20110528_133832_000000413103_00039_48329_5997.N1	28-MAY-2011 13:38:32	Dark	41.000	45	Alp Pav	1.9400	26000.	82	48329	No
174	GOM_NL__2PRFIN20110528_134608_000000403103_00039_48329_5998.N1	28-MAY-2011 13:46:08	Straylight	40.000	147	Alp Ara	2.8770	26000.	80	48329	No
175	GOM_NL__2PRFIN20110528_134748_000000473103_00039_48329_5999.N1	28-MAY-2011 13:47:48	Straylight	46.500	40	The Sco	1.8590	7100.0	93	48329	No
176	GOM_NL__2PRFIN20110528_134936_000000503103_00039_48329_6000.N1	28-MAY-2011 13:49:36	Twilight	49.500	25	35Lam Sco	1.6200	28000.	99	48329	No
177	GOM_NL__2PRFIN20110528_135127_000000483103_00039_48329_6001.N1	28-MAY-2011 13:51:27	Twilight	47.500	75	26Eps Sco	2.2910	4250.0	95	48329	No
178	GOM_NL__2PRFIN20110528_135331_000000443103_00039_48329_6002.N1	28-MAY-2011 13:53:31	Twilight	44.000	136	23Tau Sco	2.8220	30000.	88	48329	No
179	GOM_NL__2PRFIN20110528_135908_000000433103_00039_48329_6003.N1	28-MAY-2011 13:59:08	Bright	42.500	98	13Zet Oph	2.5710	30000.	85	48329	No
180	GOM_NL__2PRFIN20110528_140121_000000413103_00039_48329_6004.N1	28-MAY-2011 14:01:21	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	48329	No
181	GOM_NL__2PRFIN20110528_140423_000000383103_00039_48329_6005.N1	28-MAY-2011 14:04:23	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	48329	No
182	GOM_NL__2PRFIN20110528_141020_000000473103_00039_48329_6006.N1	28-MAY-2011 14:10:20	Bright	46.500	67	5Alp CrB	2.2210	11000.	93	48329	No
183	GOM_NL__2PRFIN20110528_141313_000000503103_00039_48329_6007.N1	28-MAY-2011 14:13:13	Bright	49.500	133	40Zet Her	2.8070	6000.0	99	48329	No
184	GOM_NL__2PRFIN20110528_142059_000000423103_00039_48329_6008.N1	28-MAY-2011 14:20:59	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	48329	No
185	GOM_NL__2PRFIN20110528_143130_000000493103_00039_48329_6009.N1	28-MAY-2011 14:31:30	Bright	49.000	89	5Alp Cep	2.4510	8000.0	98	48329	No
186	GOM_NL__2PRFIN20110528_143611_000000363103_00039_48329_6010.N1	28-MAY-2011 14:36:11	Bright	36.000	76	27Gam Cas	2.3000	30000.	72	48329	No
187	GOM_NL__2PRFIN20110528_144347_000000433103_00039_48329_6011.N1	28-MAY-2011 14:43:47	Bright	43.000	53	43Bet And	2.0480	3300.0	86	48329	No
188	GOM_NL__2PRFIN20110528_144623_000000493103_00039_48329_6012.N1	28-MAY-2011 14:46:23	Twilight	48.500	58	21Alp And	2.0730	11000.	97	48329	No
189	GOM_NL__2PRFIN20110528_145108_000000493103_00039_48329_6013.N1	28-MAY-2011 14:51:08	Dark	48.500	140	88Gam Peg	2.8340	26000.	97	48329	No
190	GOM_NL__2PRFIN20110528_150003_000000453103_00039_48329_6014.N1	28-MAY-2011 15:00:03	Dark	45.000	52	16Bet Cet	2.0370	4500.0	90	48329	No
191	GOM_NL__2PRFIN20110528_151151_000000613103_00040_48330_6057.N1	28-MAY-2011 15:11:51	Dark	61.000	63	Bet Gru	2.1500	2800.0	122	48330	No
192	GOM_NL__2PRFIN20110528_151340_000000443103_00040_48330_6058.N1	28-MAY-2011 15:13:40	Dark	44.000	31	Alp Gru	1.7340	15200.	88	48330	No
193	GOM_NL__2PRFIN20110528_151847_000000453103_00040_48330_6059.N1	28-MAY-2011 15:18:47	Straylight	44.500	45	Alp Pav	1.9400	26000.	89	48330	No
194	GOM_NL__2PRFIN20110528_152622_000000403103_00040_48330_6060.N1	28-MAY-2011 15:26:22	Straylight	40.000	147	Alp Ara	2.8770	26000.	80	48330	No
195	GOM_NL__2PRFIN20110528_152802_000000473103_00040_48330_6061.N1	28-MAY-2011 15:28:02	Straylight	47.000	40	The Sco	1.8590	7100.0	94	48330	No
196	GOM_NL__2PRFIN20110528_152950_000000483103_00040_48330_6062.N1	28-MAY-2011 15:29:50	Twilight	48.000	25	35Lam Sco	1.6200	28000.	96	48330	No
197	GOM_NL__2PRFIN20110528_153141_000000483103_00040_48330_6063.N1	28-MAY-2011 15:31:41	Twilight	47.500	75	26Eps Sco	2.2910	4250.0	95	48330	No
198	GOM_NL__2PRFIN20110528_153346_000000443103_00040_48330_6064.N1	28-MAY-2011 15:33:46	Twilight	44.000	136	23Tau Sco	2.8220	30000.	88	48330	No
199	GOM_NL__2PRFIN20110528_153922_000000433103_00040_48330_6065.N1	28-MAY-2011 15:39:22	Bright	43.000	98	13Zet Oph	2.5710	30000.	86	48330	No
200	GOM_NL__2PRFIN20110528_154135_000000413103_00040_48330_6066.N1	28-MAY-2011 15:41:35	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	48330	No
201	GOM_NL__2PRFIN20110528_154436_000000383103_00040_48330_6067.N1	28-MAY-2011 15:44:36	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	48330	No
202	GOM_NL__2PRFIN20110528_155033_000000563103_00040_48330_6068.N1	28-MAY-2011 15:50:33	Bright	56.000	67	5Alp CrB	2.2210	11000.	112	48330	No
203	GOM_NL__2PRFIN20110528_155326_000000463103_00040_48330_6069.N1	28-MAY-2011 15:53:26	Bright	45.500	133	40Zet Her	2.8070	6000.0	91	48330	No
204	GOM_NL__2PRFIN20110528_160113_000000413103_00040_48330_6070.N1	28-MAY-2011 16:01:13	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	48330	No
205	GOM_NL__2PRFIN20110528_161143_000000473103_00040_48330_6071.N1	28-MAY-2011 16:11:43	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	48330	No
206	GOM_NL__2PRFIN20110528_161625_000000363103_00040_48330_6072.N1	28-MAY-2011 16:16:25	Bright	35.500	76	27Gam Cas	2.3000	30000.	71	48330	No
207	GOM_NL__2PRFIN20110528_162401_000000423103_00040_48330_6073.N1	28-MAY-2011 16:24:01	Bright	41.500	53	43Bet And	2.0480	3300.0	83	48330	No
208	GOM_NL__2PRFIN20110528_162638_000000513103_00040_48330_6074.N1	28-MAY-2011 16:26:38	Twilight	50.500	58	21Alp And	2.0730	11000.	101	48330	No
209	GOM_NL__2PRFIN20110528_163122_000000483103_00040_48330_6075.N1	28-MAY-2011 16:31:22	Dark	48.000	140	88Gam Peg	2.8340	26000.	96	48330	No
210	GOM_NL__2PRFIN20110528_164018_000000503103_00040_48330_6076.N1	28-MAY-2011 16:40:18	Dark	49.500	52	16Bet Cet	2.0370	4500.0	99	48330	No
211	GOM_NL__2PRFIN20110528_165206_000000463103_00041_48331_6115.N1	28-MAY-2011 16:52:06	Dark	46.000	63	Bet Gru	2.1500	2800.0	92	48331	No
212	GOM_NL__2PRFIN20110528_165355_000000453103_00041_48331_6116.N1	28-MAY-2011 16:53:55	Dark	44.500	31	Alp Gru	1.7340	15200.	89	48331	No
213	GOM_NL__2PRFIN20110528_165902_000000443103_00041_48331_6117.N1	28-MAY-2011 16:59:02	Straylight	43.500	45	Alp Pav	1.9400	26000.	87	48331	No
214	GOM_NL__2PRFIN20110528_170637_000000413103_00041_48331_6118.N1	28-MAY-2011 17:06:37	Straylight	41.000	147	Alp Ara	2.8770	26000.	82	48331	No
215	GOM_NL__2PRFIN20110528_170817_000000493103_00041_48331_6119.N1	28-MAY-2011 17:08:17	Straylight	48.500	40	The Sco	1.8590	7100.0	97	48331	No
216	GOM_NL__2PRFIN20110528_171005_000000513103_00041_48331_6120.N1	28-MAY-2011 17:10:05	Twilight	50.500	25	35Lam Sco	1.6200	28000.	101	48331	No
217	GOM_NL__2PRFIN20110528_171156_000000493103_00041_48331_6121.N1	28-MAY-2011 17:11:56	Twilight	48.500	75	26Eps Sco	2.2910	4250.0	97	48331	No
218	GOM_NL__2PRFIN20110528_171400_000000433103_00041_48331_6122.N1	28-MAY-2011 17:14:00	Twilight	43.000	136	23Tau Sco	2.8220	30000.	86	48331	No
219	GOM_NL__2PRFIN20110528_171936_000000423103_00041_48331_6123.N1	28-MAY-2011 17:19:36	Bright	42.000	98	13Zet Oph	2.5710	30000.	84	48331	No

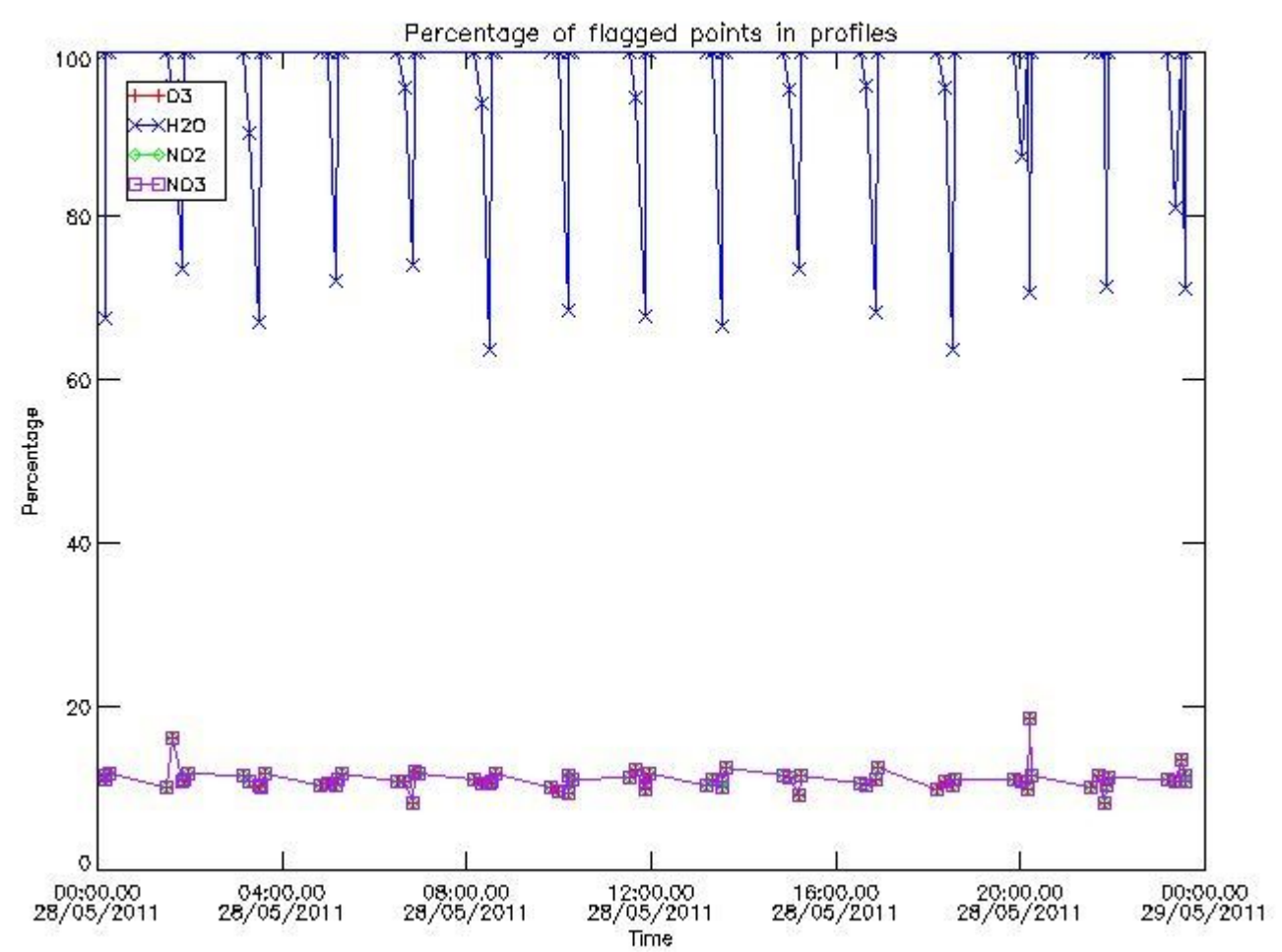
220	GOM_NL__2PRFIN20110528_172149_000000413103_00041_48331_6124.N1	28-MAY-2011 17:21:49	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	48331	No
221	GOM_NL__2PRFIN20110528_172451_000000383103_00041_48331_6125.N1	28-MAY-2011 17:24:51	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	48331	No
222	GOM_NL__2PRFIN20110528_173047_000000413103_00041_48331_6126.N1	28-MAY-2011 17:30:47	Bright	40.500	67	5Alp CrB	2.2210	11000.	81	48331	No
223	GOM_NL__2PRFIN20110528_173340_000000483103_00041_48331_6127.N1	28-MAY-2011 17:33:40	Bright	48.000	133	40Zet Her	2.8070	6000.0	96	48331	No
224	GOM_NL__2PRFIN20110528_174126_000000403103_00041_48331_6128.N1	28-MAY-2011 17:41:26	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	48331	No
225	GOM_NL__2PRFIN20110528_175157_000000463103_00041_48331_6129.N1	28-MAY-2011 17:51:57	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	48331	No
226	GOM_NL__2PRFIN20110528_175639_000000363103_00041_48331_6130.N1	28-MAY-2011 17:56:39	Bright	36.000	76	27Gam Cas	2.3000	30000.	72	48331	No
227	GOM_NL__2PRFIN20110528_180415_000000413103_00041_48331_6131.N1	28-MAY-2011 18:04:15	Bright	41.000	53	43Bet And	2.0480	3300.0	82	48331	No
228	GOM_NL__2PRFIN20110528_180652_000000523103_00041_48331_6132.N1	28-MAY-2011 18:06:52	Twilight	52.000	58	21Alp And	2.0730	11000.	104	48331	No
229	GOM_NL__2PRFIN20110528_181137_000000523103_00041_48331_6133.N1	28-MAY-2011 18:11:37	Dark	51.500	140	88Gam Peg	2.8340	26000.	103	48331	No
230	GOM_NL__2PRFIN20110528_182032_000000473103_00041_48331_6134.N1	28-MAY-2011 18:20:32	Dark	47.000	52	16Bet Cet	2.0370	4500.0	94	48331	No
231	GOM_NL__2PRFIN20110528_183221_000000543103_00042_48332_6223.N1	28-MAY-2011 18:32:21	Dark	54.000	63	Bet Gru	2.1500	2800.0	108	48332	No
232	GOM_NL__2PRFIN20110528_183410_000000463103_00042_48332_6224.N1	28-MAY-2011 18:34:10	Dark	45.500	31	Alp Gru	1.7340	15200.	91	48332	No
233	GOM_NL__2PRFIN20110528_183916_000000433103_00042_48332_6225.N1	28-MAY-2011 18:39:16	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	48332	No
234	GOM_NL__2PRFIN20110528_184651_000000403103_00042_48332_6226.N1	28-MAY-2011 18:46:51	Straylight	39.500	147	Alp Ara	2.8770	26000.	79	48332	No
235	GOM_NL__2PRFIN20110528_184831_000000523103_00042_48332_6227.N1	28-MAY-2011 18:48:31	Straylight	51.500	40	The Sco	1.8590	7100.0	103	48332	No
236	GOM_NL__2PRFIN20110528_185020_000000483103_00042_48332_6228.N1	28-MAY-2011 18:50:20	Twilight	47.500	25	35Lam Sco	1.6200	28000.	95	48332	No
237	GOM_NL__2PRFIN20110528_185210_000000483103_00042_48332_6229.N1	28-MAY-2011 18:52:10	Twilight	48.000	75	26Eps Sco	2.2910	4250.0	96	48332	No
238	GOM_NL__2PRFIN20110528_185414_000000443103_00042_48332_6230.N1	28-MAY-2011 18:54:14	Twilight	43.500	136	23Tau Sco	2.8220	30000.	87	48332	No
239	GOM_NL__2PRFIN20110528_185950_000000443103_00042_48332_6231.N1	28-MAY-2011 18:59:50	Bright	44.000	98	13Zet Oph	2.5710	30000.	88	48332	No
240	GOM_NL__2PRFIN20110528_190203_000000413103_00042_48332_6232.N1	28-MAY-2011 19:02:03	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	48332	No
241	GOM_NL__2PRFIN20110528_190504_000000383103_00042_48332_6233.N1	28-MAY-2011 19:05:04	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	48332	No
242	GOM_NL__2PRFIN20110528_191101_000000393103_00042_48332_6234.N1	28-MAY-2011 19:11:01	Bright	39.000	67	5Alp CrB	2.2210	11000.	78	48332	No
243	GOM_NL__2PRFIN20110528_191353_000000453103_00042_48332_6235.N1	28-MAY-2011 19:13:53	Bright	44.500	133	40Zet Her	2.8070	6000.0	89	48332	No
244	GOM_NL__2PRFIN20110528_192140_000000423103_00042_48332_6236.N1	28-MAY-2011 19:21:40	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	48332	No
245	GOM_NL__2PRFIN20110528_193210_000000463103_00042_48332_6237.N1	28-MAY-2011 19:32:10	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	48332	No
246	GOM_NL__2PRFIN20110528_193653_000000373103_00042_48332_6238.N1	28-MAY-2011 19:36:53	Bright	36.500	76	27Gam Cas	2.3000	30000.	73	48332	No
247	GOM_NL__2PRFIN20110528_194429_000000463103_00042_48332_6239.N1	28-MAY-2011 19:44:29	Bright	45.500	53	43Bet And	2.0480	3300.0	91	48332	No
248	GOM_NL__2PRFIN20110528_194706_000000533103_00042_48332_6240.N1	28-MAY-2011 19:47:06	Twilight	52.500	58	21Alp And	2.0730	11000.	105	48332	No
249	GOM_NL__2PRFIN20110528_195151_000000503103_00042_48332_6241.N1	28-MAY-2011 19:51:51	Dark	50.000	140	88Gam Peg	2.8340	26000.	100	48332	No
250	GOM_NL__2PRFIN20110528_200047_000000483103_00042_48332_6242.N1	28-MAY-2011 20:00:47	Dark	47.500	52	16Bet Cet	2.0370	4500.0	95	48332	No
251	GOM_NL__2PRFIN20110528_200903_000000523103_00042_48332_6243.N1	28-MAY-2011 20:09:03	Dark	51.500	18	24Alp PsA	1.1660	9700.0	103	48332	No
252	GOM_NL__2PRFIN20110528_201236_000000603103_00043_48333_6298.N1	28-MAY-2011 20:12:36	Dark	60.000	63	Bet Gru	2.1500	2800.0	120	48333	No
253	GOM_NL__2PRFIN20110528_201425_000000453103_00043_48333_6299.N1	28-MAY-2011 20:14:25	Dark	44.500	31	Alp Gru	1.7340	15200.	89	48333	No
254	GOM_NL__2PRFIN20110528_201931_000000423103_00043_48333_6300.N1	28-MAY-2011 20:19:31	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	48333	No
255	GOM_NL__2PRFIN20110528_202706_000000413103_00043_48333_6301.N1	28-MAY-2011 20:27:06	Straylight	41.000	147	Alp Ara	2.8770	26000.	82	48333	No
256	GOM_NL__2PRFIN20110528_202846_000000443103_00043_48333_6302.N1	28-MAY-2011 20:28:46	Straylight	43.500	40	The Sco	1.8590	7100.0	87	48333	No
257	GOM_NL__2PRFIN20110528_203034_000000493103_00043_48333_6303.N1	28-MAY-2011 20:30:34	Twilight	48.500	25	35Lam Sco	1.6200	28000.	97	48333	No
258	GOM_NL__2PRFIN20110528_203224_000000463103_00043_48333_6304.N1	28-MAY-2011 20:32:24	Twilight	46.000	75	26Eps Sco	2.2910	4250.0	92	48333	No
259	GOM_NL__2PRFIN20110528_203428_000000443103_00043_48333_6305.N1	28-MAY-2011 20:34:28	Twilight	43.500	136	23Tau Sco	2.8220	30000.	87	48333	No
260	GOM_NL__2PRFIN20110528_204004_000000443103_00043_48333_6306.N1	28-MAY-2011 20:40:04	Bright	44.000	98	13Zet Oph	2.5710	30000.	88	48333	No
261	GOM_NL__2PRFIN20110528_204217_000000413103_00043_48333_6307.N1	28-MAY-2011 20:42:17	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	48333	No
262	GOM_NL__2PRFIN20110528_204518_000000383103_00043_48333_6308.N1	28-MAY-2011 20:45:18	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	48333	No
263	GOM_NL__2PRFIN20110528_205115_000000393103_00043_48333_6309.N1	28-MAY-2011 20:51:15	Bright	39.000	67	5Alp CrB	2.2210	11000.	78	48333	No
264	GOM_NL__2PRFIN20110528_205407_000000453103_00043_48333_6310.N1	28-MAY-2011 20:54:07	Bright	44.500	133	40Zet Her	2.8070	6000.0	89	48333	No
265	GOM_NL__2PRFIN20110528_210154_000000413103_00043_48333_6311.N1	28-MAY-2011 21:01:54	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	48333	No
266	GOM_NL__2PRFIN20110528_211224_000000453103_00043_48333_6312.N1	28-MAY-2011 21:12:24	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	48333	No
267	GOM_NL__2PRFIN20110528_211707_000000553103_00043_48333_6313.N1	28-MAY-2011 21:17:07	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	48333	No
268	GOM_NL__2PRFIN20110528_212443_000000433103_00043_48333_6314.N1	28-MAY-2011 21:24:43	Bright	42.500	53	43Bet And	2.0480	3300.0	85	48333	No
269	GOM_NL__2PRFIN20110528_212720_000000523103_00043_48333_6315.N1	28-MAY-2011 21:27:20	Twilight	52.000	58	21Alp And	2.0730	11000.	104	48333	No
270	GOM_NL__2PRFIN20110528_213206_000000503103_00043_48333_6316.N1	28-MAY-2011 21:32:06	Dark	49.500	140	88Gam Peg	2.8340	26000.	99	48333	No
271	GOM_NL__2PRFIN20110528_214101_000000493103_00043_48333_6317.N1	28-MAY-2011 21:41:01	Dark	48.500	52	16Bet Cet	2.0370	4500.0	97	48333	No
272	GOM_NL__2PRFIN20110528_214918_000000623103_00043_48333_6318.N1	28-MAY-2011 21:49:18	Dark	62.000	18	24Alp PsA	1.1660	9700.0	124	48333	No
273	GOM_NL__2PRFIN20110528_215251_000000603103_00044_48334_6318.N1	28-MAY-2011 21:52:51	Dark	59.500	63	Bet Gru	2.1500	2800.0	119	48334	No
274	GOM_NL__2PRFIN20110528_215439_000000453103_00044_48334_6319.N1	28-MAY-2011 21:54:39	Dark	45.000	31	Alp Gru	1.7340	15200.	90	48334	No
275	GOM_NL__2PRFIN20110528_215945_000000433103_00044_48334_6320.N1	28-MAY-2011 21:59:45	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	48334	No
276	GOM_NL__2PRFIN20110528_220720_000000413103_00044_48334_6321.N1	28-MAY-2011 22:07:20	Straylight	41.000	147	Alp Ara	2.8770	26000.	82	48334	No
277	GOM_NL__2PRFIN20110528_220900_000000483103_00044_48334_6322.N1	28-MAY-2011 22:09:00	Straylight	48.000	40	The Sco	1.8590	7100.0	96	48334	No
278	GOM_NL__2PRFIN20110528_221048_000000493103_00044_48334_6323.N1	28-MAY-2011 22:10:48	Twilight	49.000	25	35Lam Sco	1.6200	28000.	98	48334	No

279	GOM_NL__2PRFIN20110528_221239_000000483103_00044_48334_6324.N1	28-MAY-2011 22:12:39	Twilight	47.500	75	26Eps Sco	2.2910	4250.0	95	48334	No
280	GOM_NL__2PRFIN20110528_221443_000000423103_00044_48334_6325.N1	28-MAY-2011 22:14:43	Twilight	42.000	136	23Tau Sco	2.8220	30000.	84	48334	No
281	GOM_NL__2PRFIN20110528_221650_000000413103_00044_48334_6326.N1	28-MAY-2011 22:16:50	Bright	41.000	80	7Del Sco	2.3160	30000.	82	48334	No
282	GOM_NL__2PRFIN20110528_221825_000000493103_00044_48334_6327.N1	28-MAY-2011 22:18:25	Bright	49.000	86	35Eta Oph	2.4300	10200.	98	48334	No
283	GOM_NL__2PRFIN20110528_222018_000000433103_00044_48334_6328.N1	28-MAY-2011 22:20:18	Bright	43.000	98	13Zet Oph	2.5710	30000.	86	48334	No
284	GOM_NL__2PRFIN20110528_222231_000000413103_00044_48334_6329.N1	28-MAY-2011 22:22:31	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	48334	No
285	GOM_NL__2PRFIN20110528_222532_000000383103_00044_48334_6330.N1	28-MAY-2011 22:25:32	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	48334	No
286	GOM_NL__2PRFIN20110528_223129_000000403103_00044_48334_6331.N1	28-MAY-2011 22:31:29	Bright	39.500	67	5Alp CrB	2.2210	11000.	79	48334	No
287	GOM_NL__2PRFIN20110528_223420_000000663103_00044_48334_6332.N1	28-MAY-2011 22:34:20	Bright	66.000	133	40Zet Her	2.8070	6000.0	132	48334	No
288	GOM_NL__2PRFIN20110528_224207_000000393103_00044_48334_6333.N1	28-MAY-2011 22:42:07	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	48334	No
289	GOM_NL__2PRFIN20110528_225237_000000463103_00044_48334_6334.N1	28-MAY-2011 22:52:37	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	48334	No
290	GOM_NL__2PRFIN20110528_225721_000000553103_00044_48334_6335.N1	28-MAY-2011 22:57:21	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	48334	No
291	GOM_NL__2PRFIN20110528_230457_000000423103_00044_48334_6336.N1	28-MAY-2011 23:04:57	Bright	42.000	53	43Bet And	2.0480	3300.0	84	48334	No
292	GOM_NL__2PRFIN20110528_230734_000000533103_00044_48334_6337.N1	28-MAY-2011 23:07:34	Twilight	52.500	58	21Alp And	2.0730	11000.	105	48334	No
293	GOM_NL__2PRFIN20110528_231220_000000513103_00044_48334_6338.N1	28-MAY-2011 23:12:20	Dark	50.500	140	88Gam Peg	2.8340	26000.	101	48334	No
294	GOM_NL__2PRFIN20110528_232116_000000483103_00044_48334_6339.N1	28-MAY-2011 23:21:16	Dark	47.500	52	16Bet Cet	2.0370	4500.0	95	48334	No
295	GOM_NL__2PRFIN20110528_232933_000000603103_00044_48334_6340.N1	28-MAY-2011 23:29:33	Dark	60.000	18	24Alp PsA	1.1660	9700.0	120	48334	No
296	GOM_NL__2PRFIN20110528_233305_000000613103_00045_48335_6330.N1	28-MAY-2011 23:33:05	Dark	61.000	63	Bet Gru	2.1500	2800.0	122	48335	No
297	GOM_NL__2PRFIN20110528_233454_000000453103_00045_48335_6331.N1	28-MAY-2011 23:34:54	Dark	44.500	31	Alp Gru	1.7340	15200.	89	48335	No
298	GOM_NL__2PRFIN20110528_234000_000000423103_00045_48335_6332.N1	28-MAY-2011 23:40:00	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	48335	No
299	GOM_NL__2PRFIN20110528_234734_000000453103_00045_48335_6333.N1	28-MAY-2011 23:47:34	Straylight	44.500	147	Alp Ara	2.8770	26000.	89	48335	No
300	GOM_NL__2PRFIN20110528_234914_000000463103_00045_48335_6334.N1	28-MAY-2011 23:49:14	Straylight	46.000	40	The Sco	1.8590	7100.0	92	48335	No
301	GOM_NL__2PRFIN20110528_235103_000000493103_00045_48335_6335.N1	28-MAY-2011 23:51:03	Twilight	48.500	25	35Lam Sco	1.6200	28000.	97	48335	No
302	GOM_NL__2PRFIN20110528_235253_000000453103_00045_48335_6336.N1	28-MAY-2011 23:52:53	Twilight	45.000	75	26Eps Sco	2.2910	4250.0	90	48335	No
303	GOM_NL__2PRFIN20110528_235457_000000433103_00045_48335_6337.N1	28-MAY-2011 23:54:57	Twilight	43.000	136	23Tau Sco	2.8220	30000.	86	48335	No
304	GOM_NL__2PRFIN20110528_235704_000000413103_00045_48335_6338.N1	28-MAY-2011 23:57:04	Bright	41.000	80	7Del Sco	2.3160	30000.	82	48335	No
305	GOM_NL__2PRFIN20110528_235838_000000493103_00045_48335_6339.N1	28-MAY-2011 23:58:38	Bright	48.500	86	35Eta Oph	2.4300	10200.	97	48335	No

### 3. Quality information per product

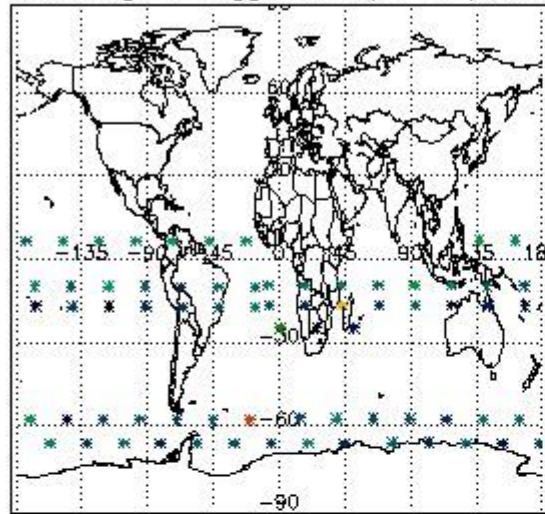
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

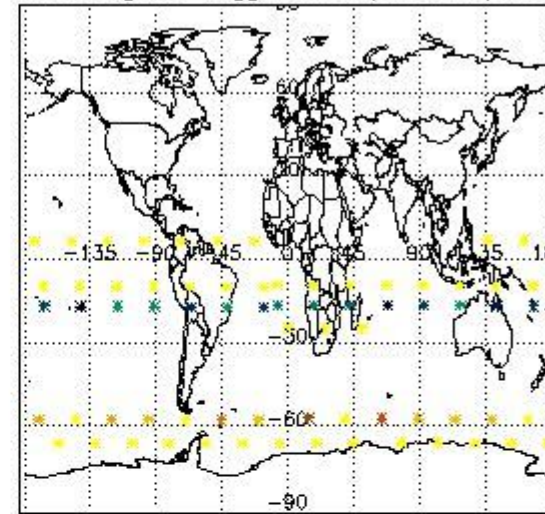


3.2 Plot quality information per product (world map)

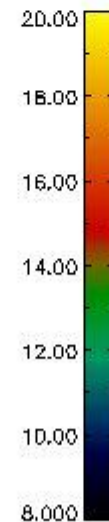
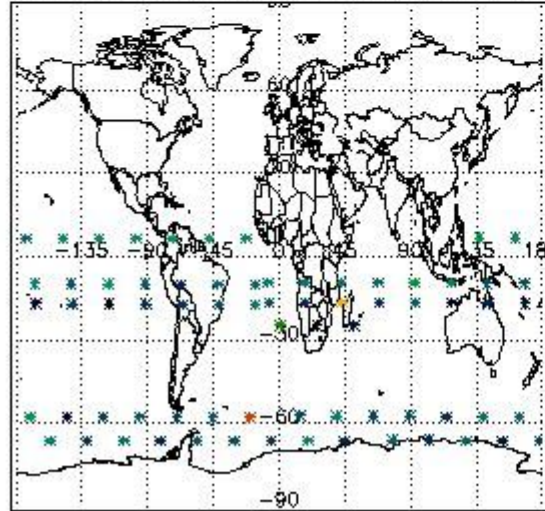
Percentage of flagged data per O3 profile



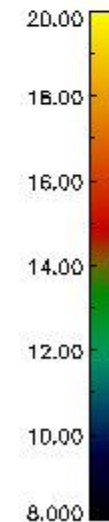
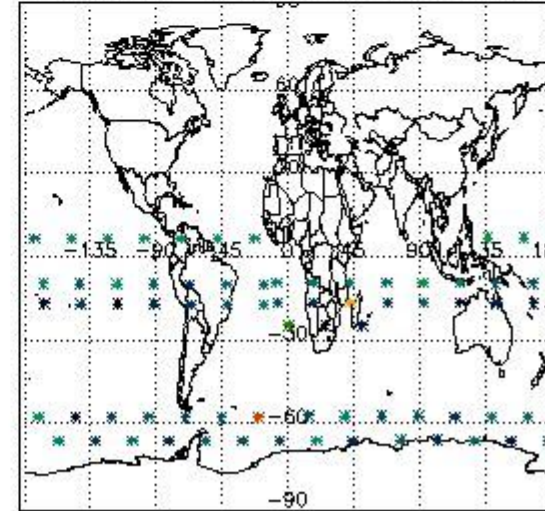
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

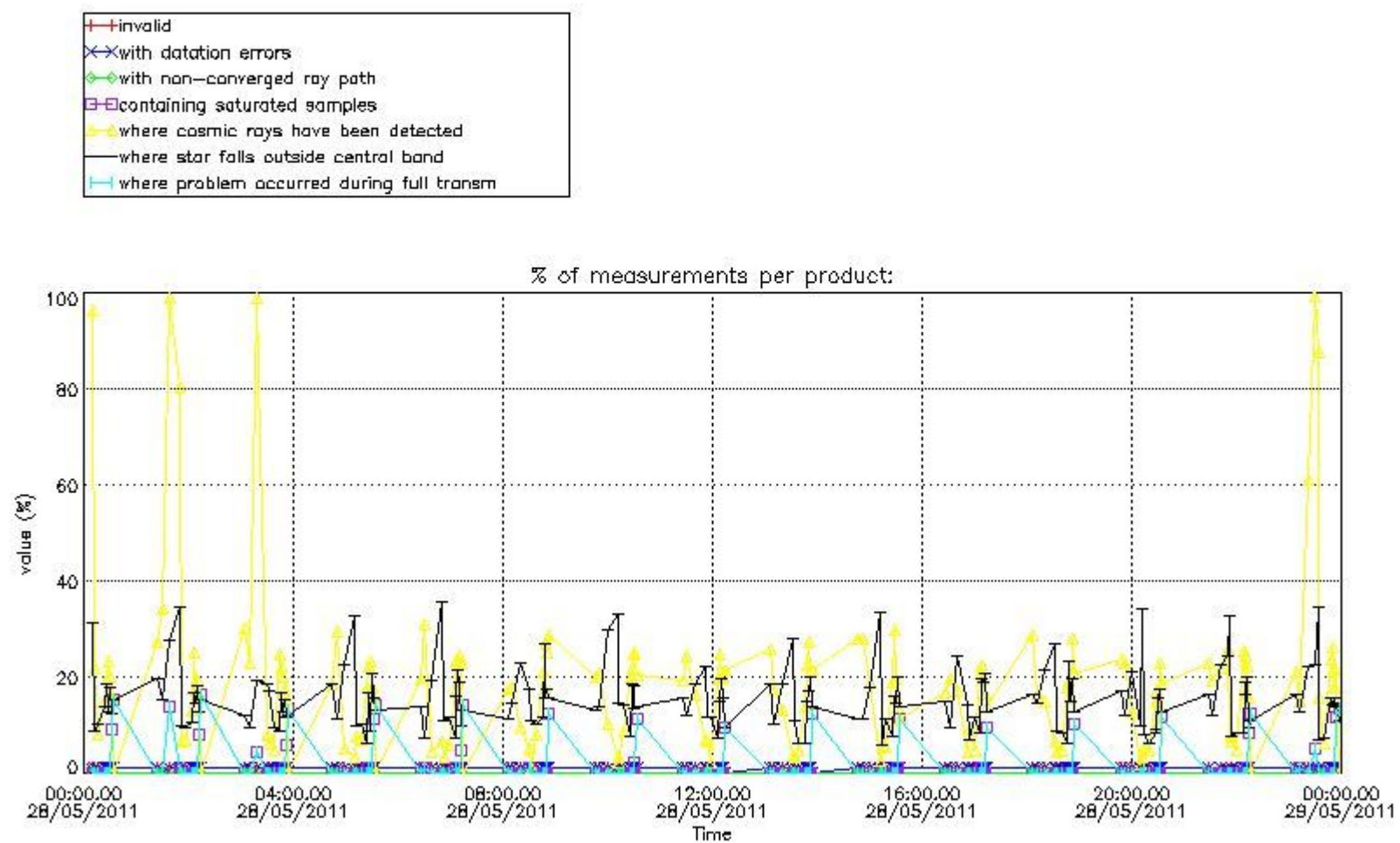


#### 4. Level 1 quality information per product

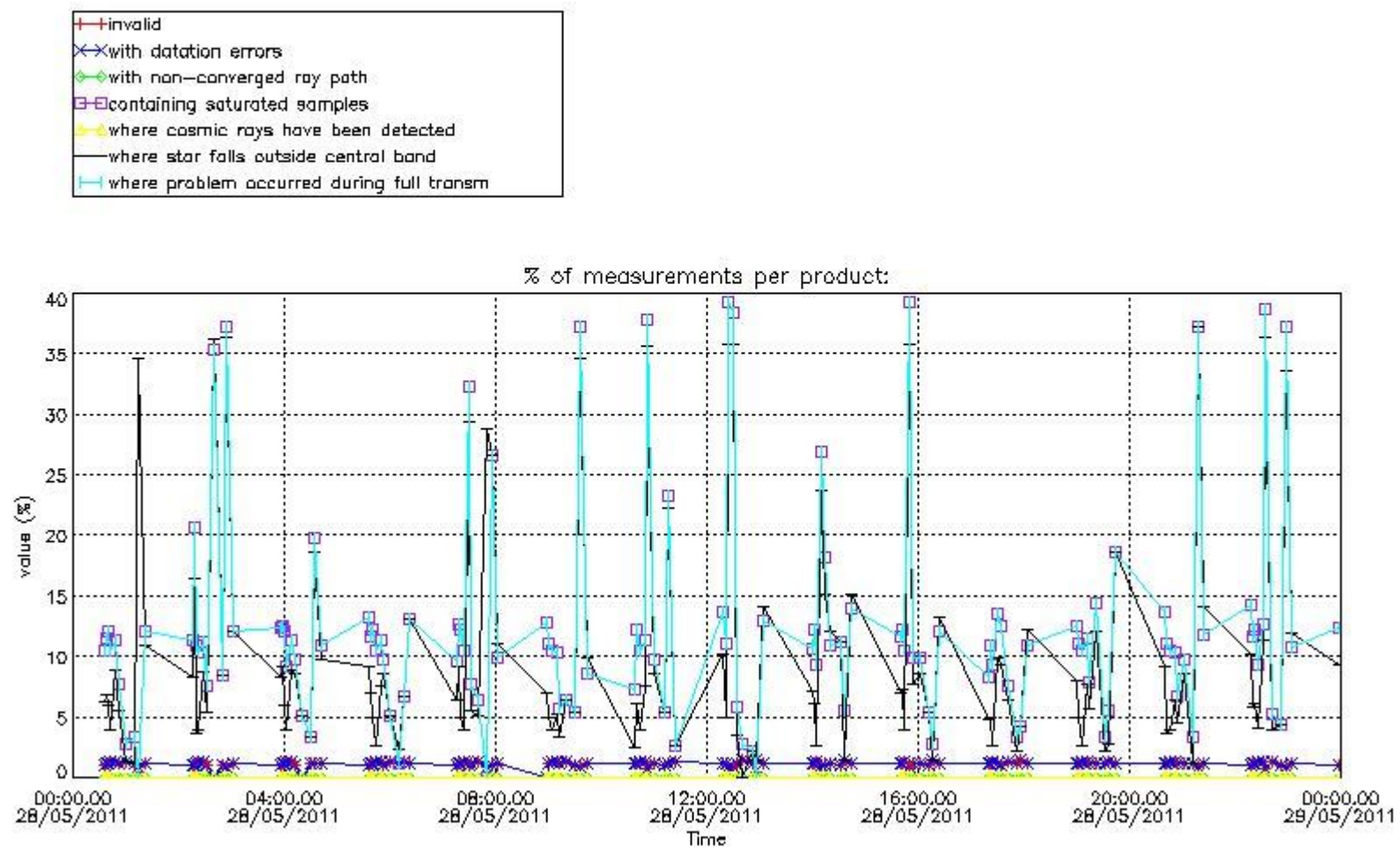
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

##### 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

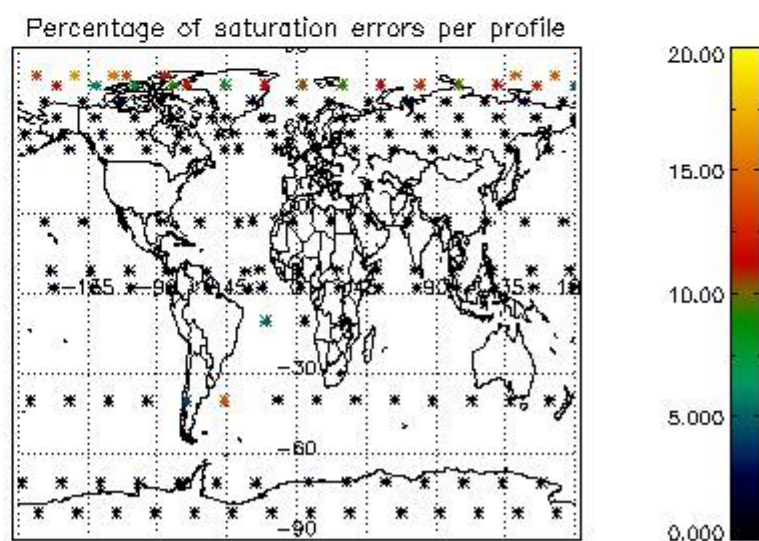
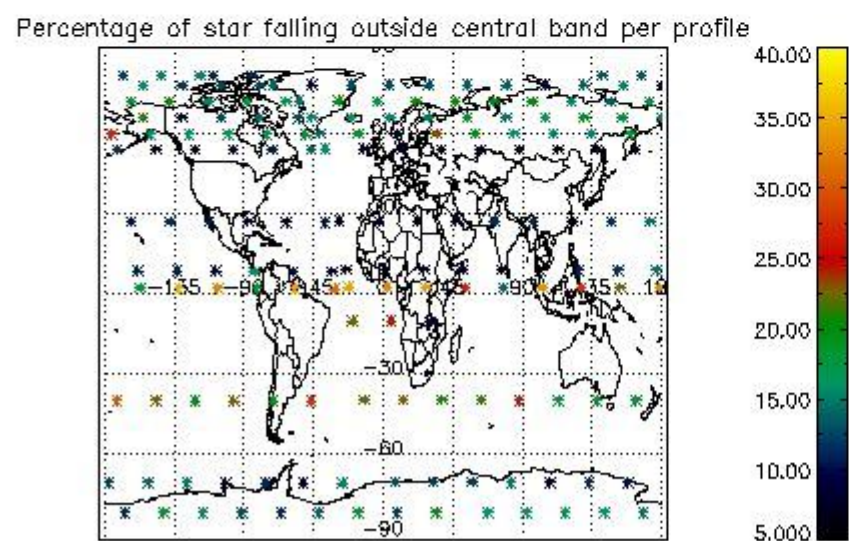
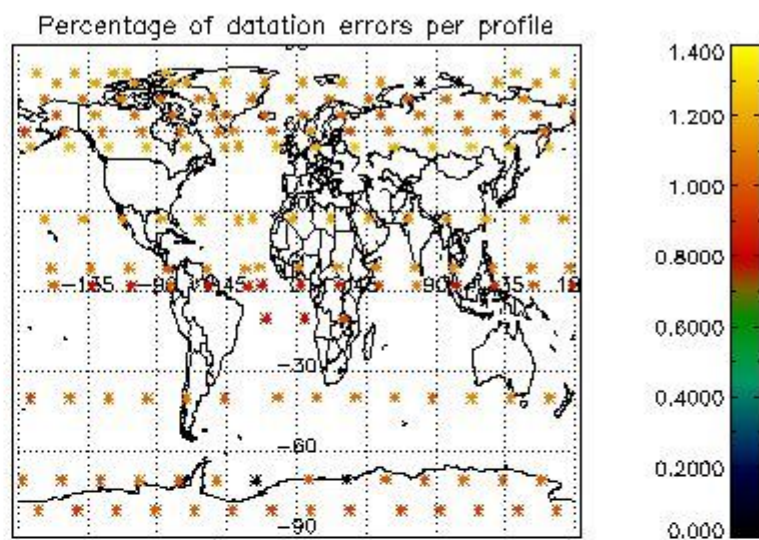
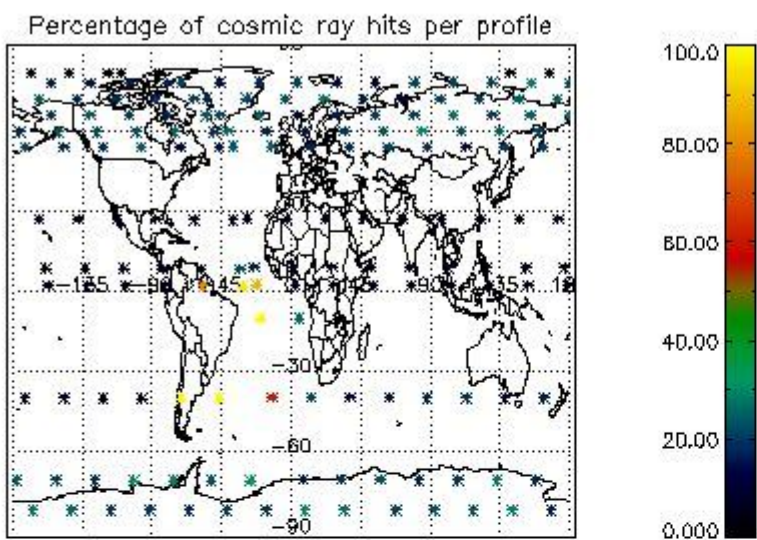


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



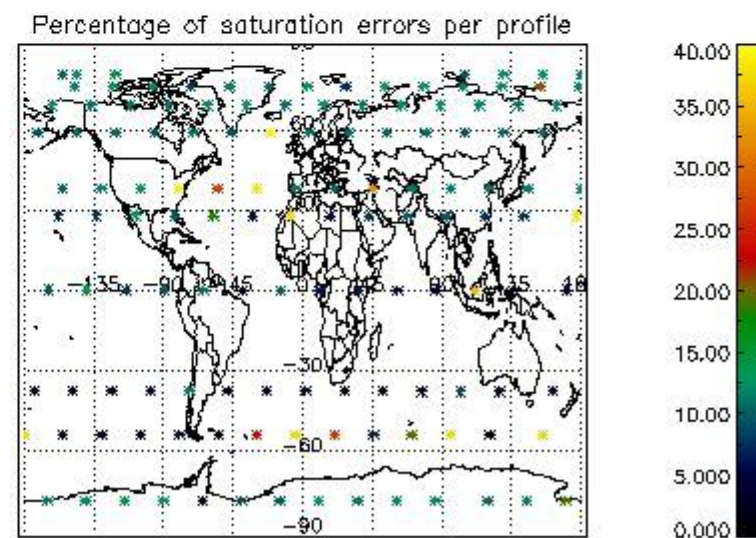
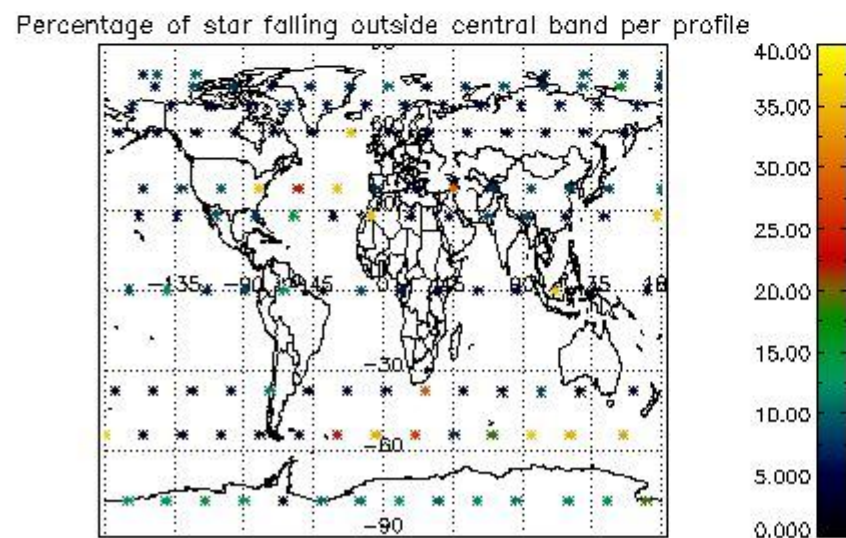
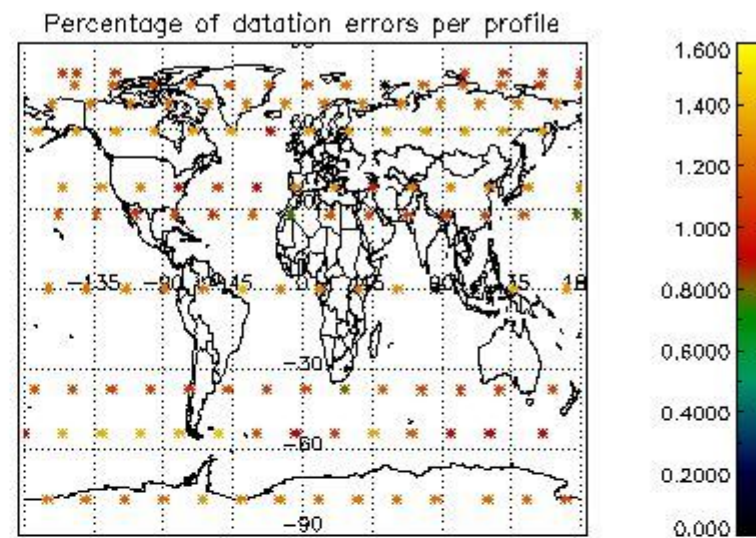
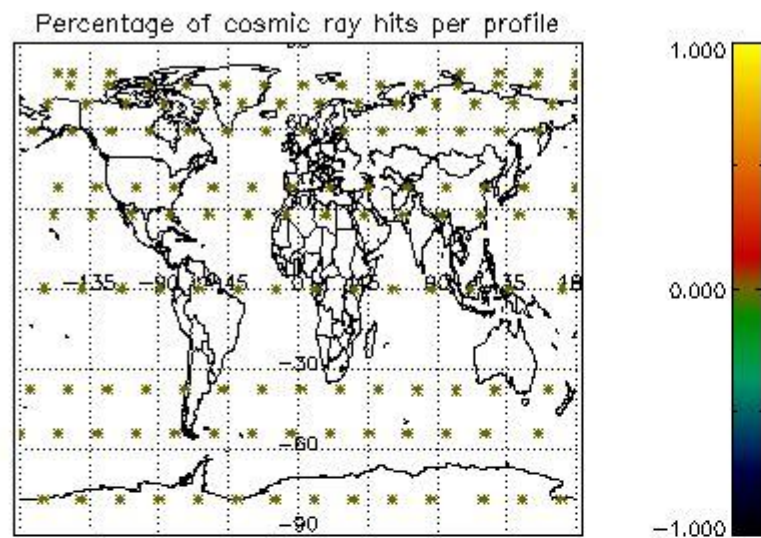
*4.2 Plot quality information per product coming from level 1b processing (world map)*

*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

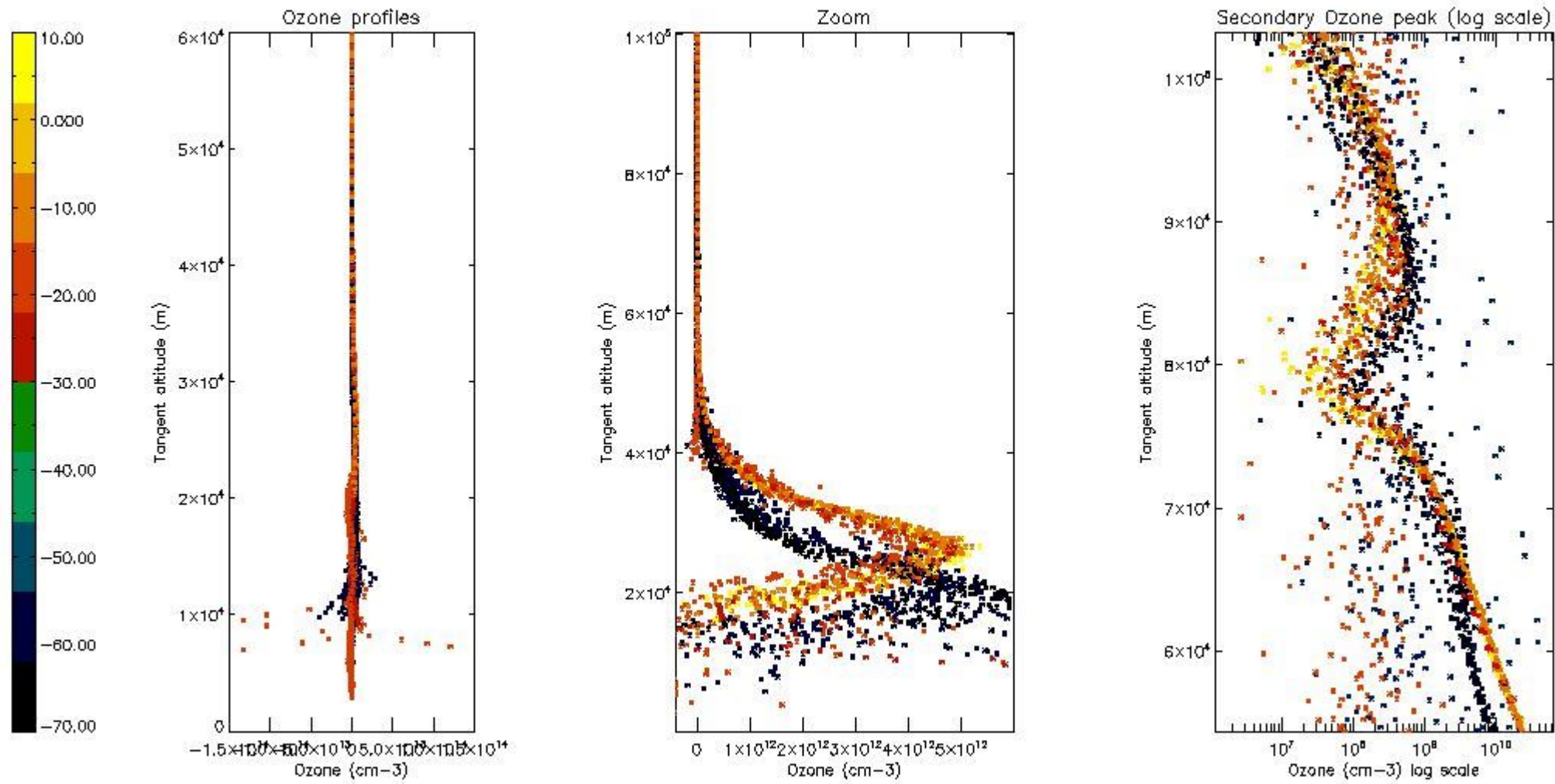
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	25
STD < 20	13

STD < 10	9
STD < 5	6

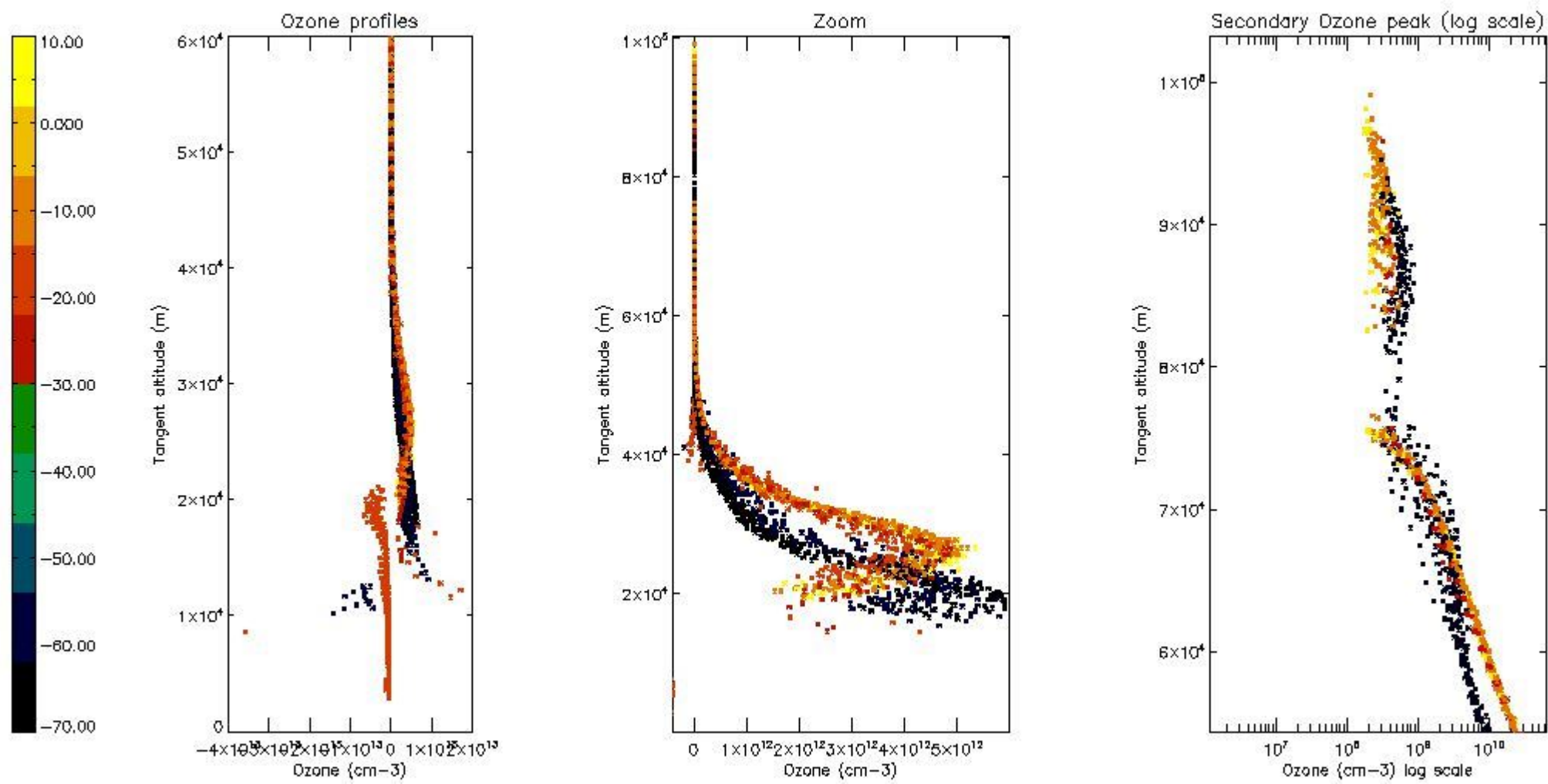
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



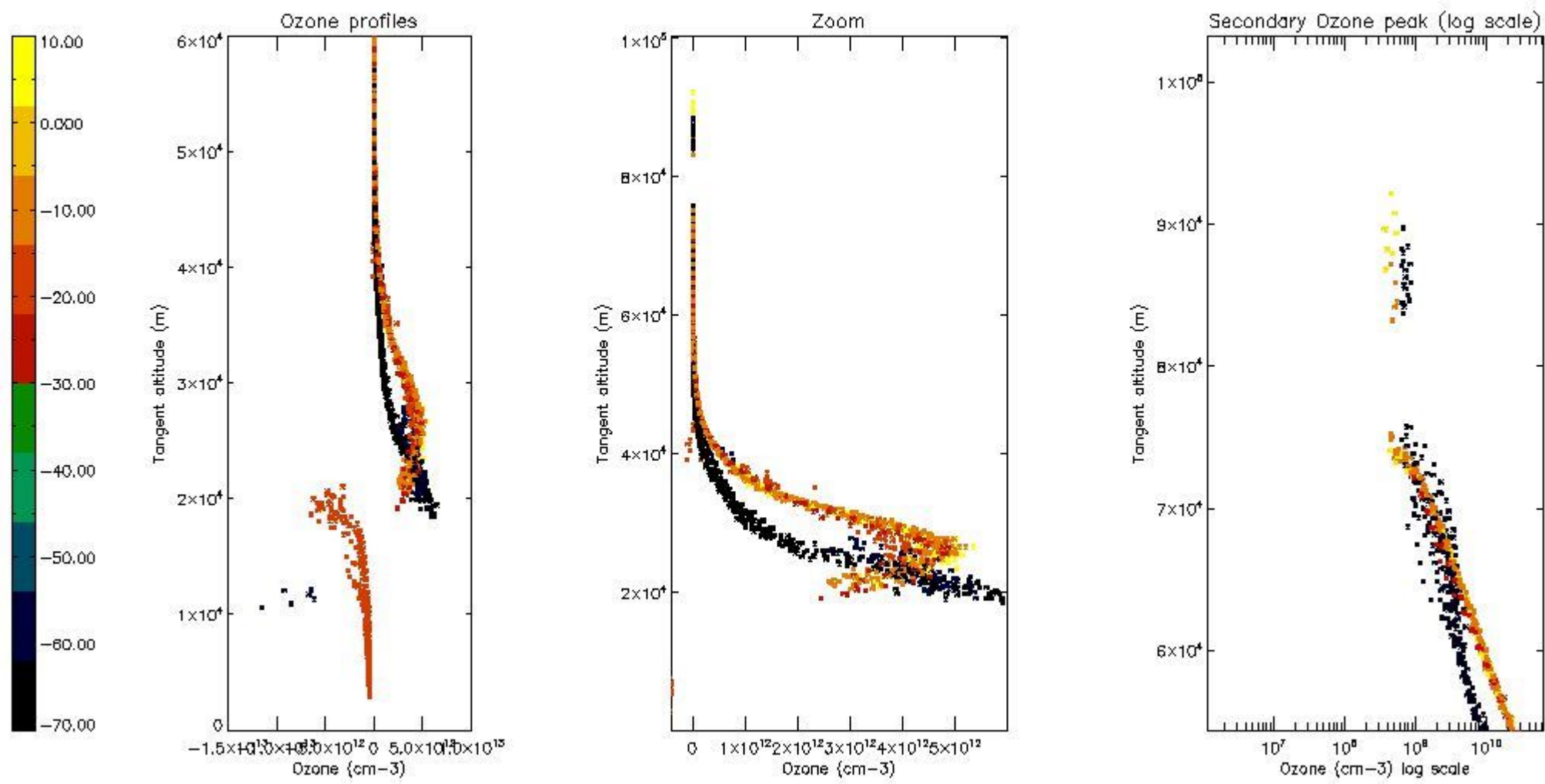
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



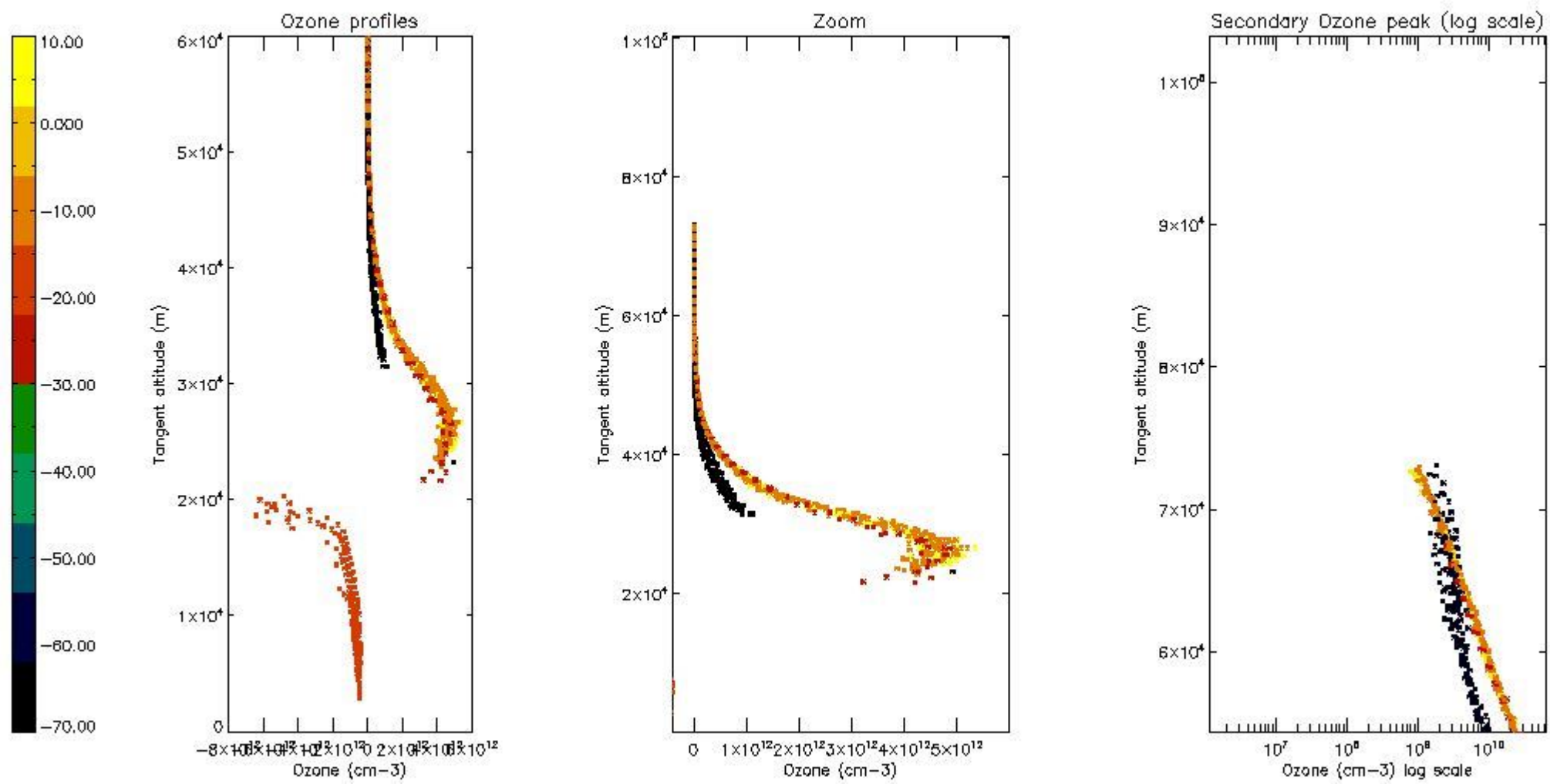
*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



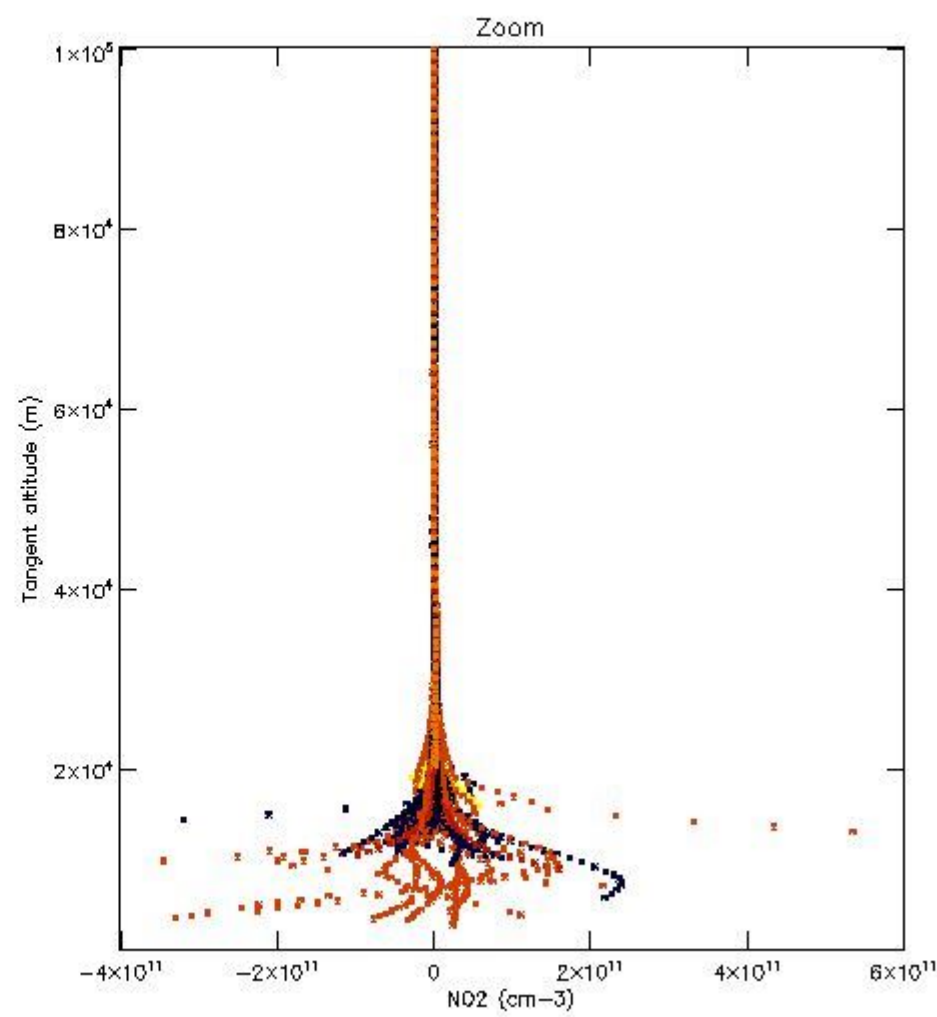
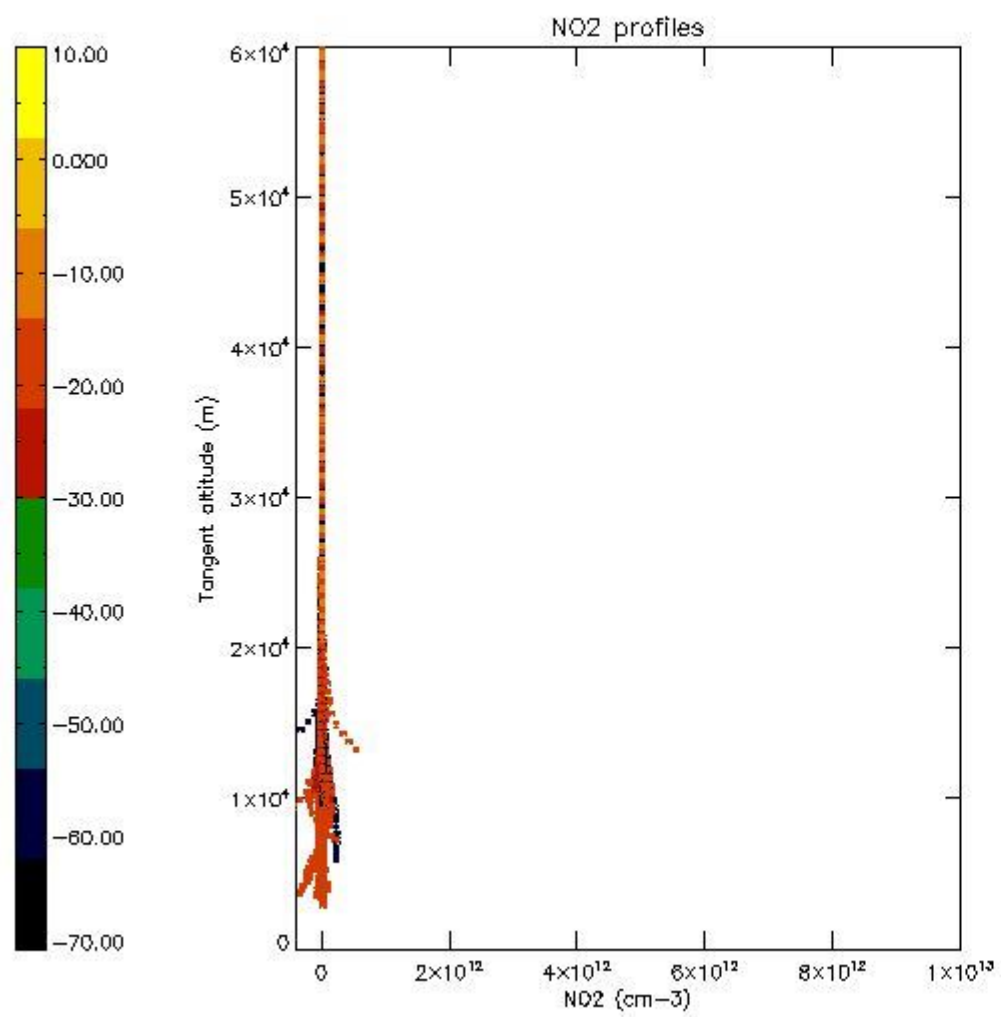
*5.5 Plot ozone profiles where  $STD < 5\%$  (dark without errors)*

The colorbar represents the latitude.



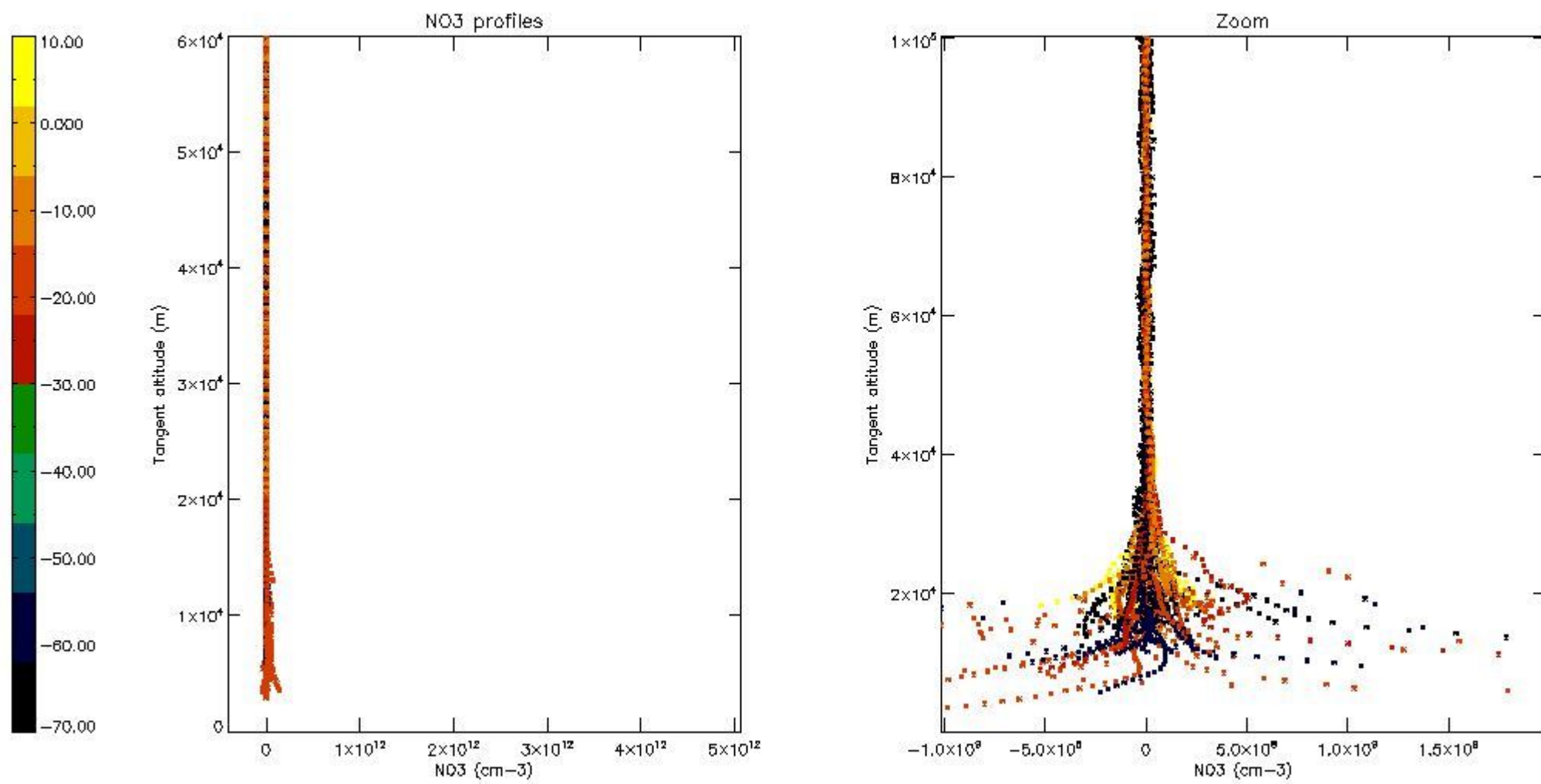
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



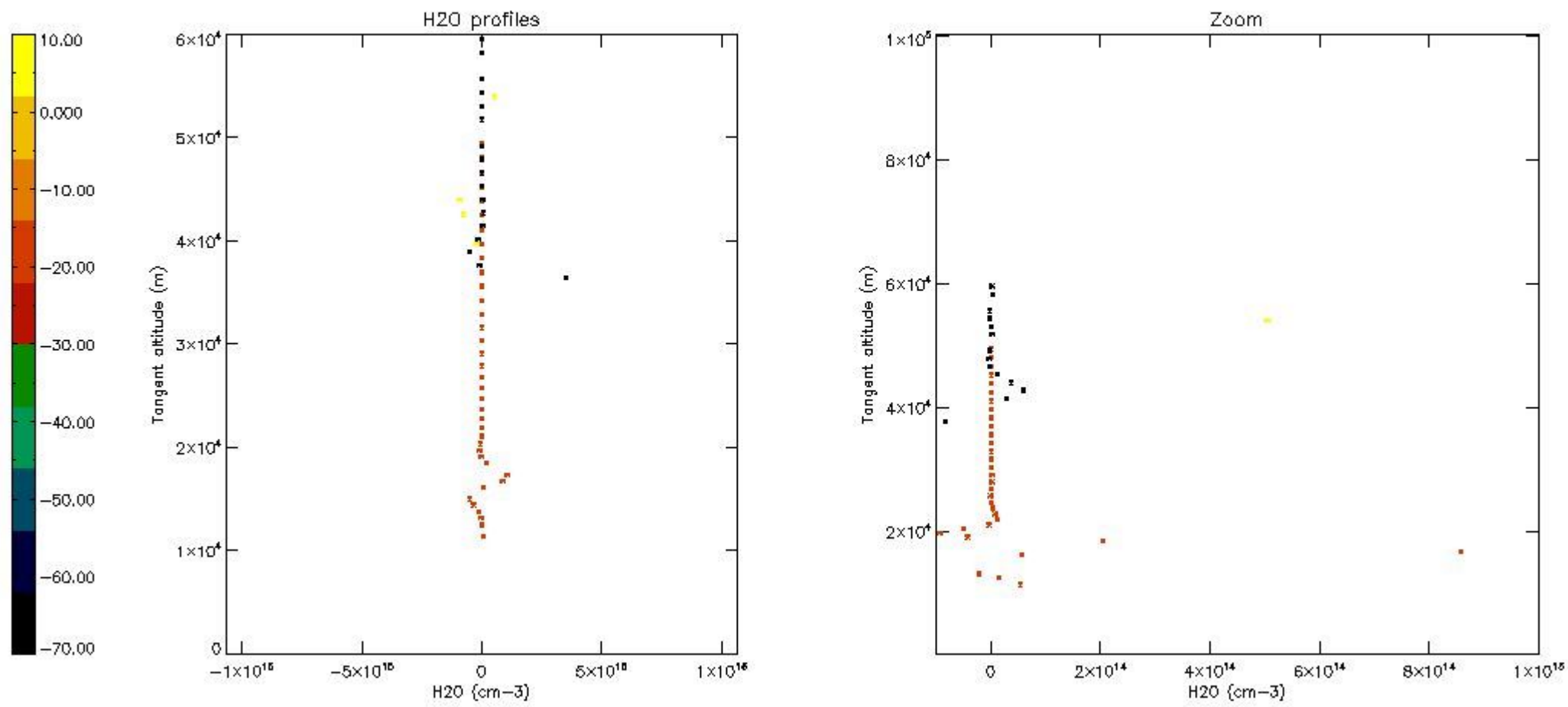
*5.7 Plot NO3 profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

The colorbar represents the latitude.

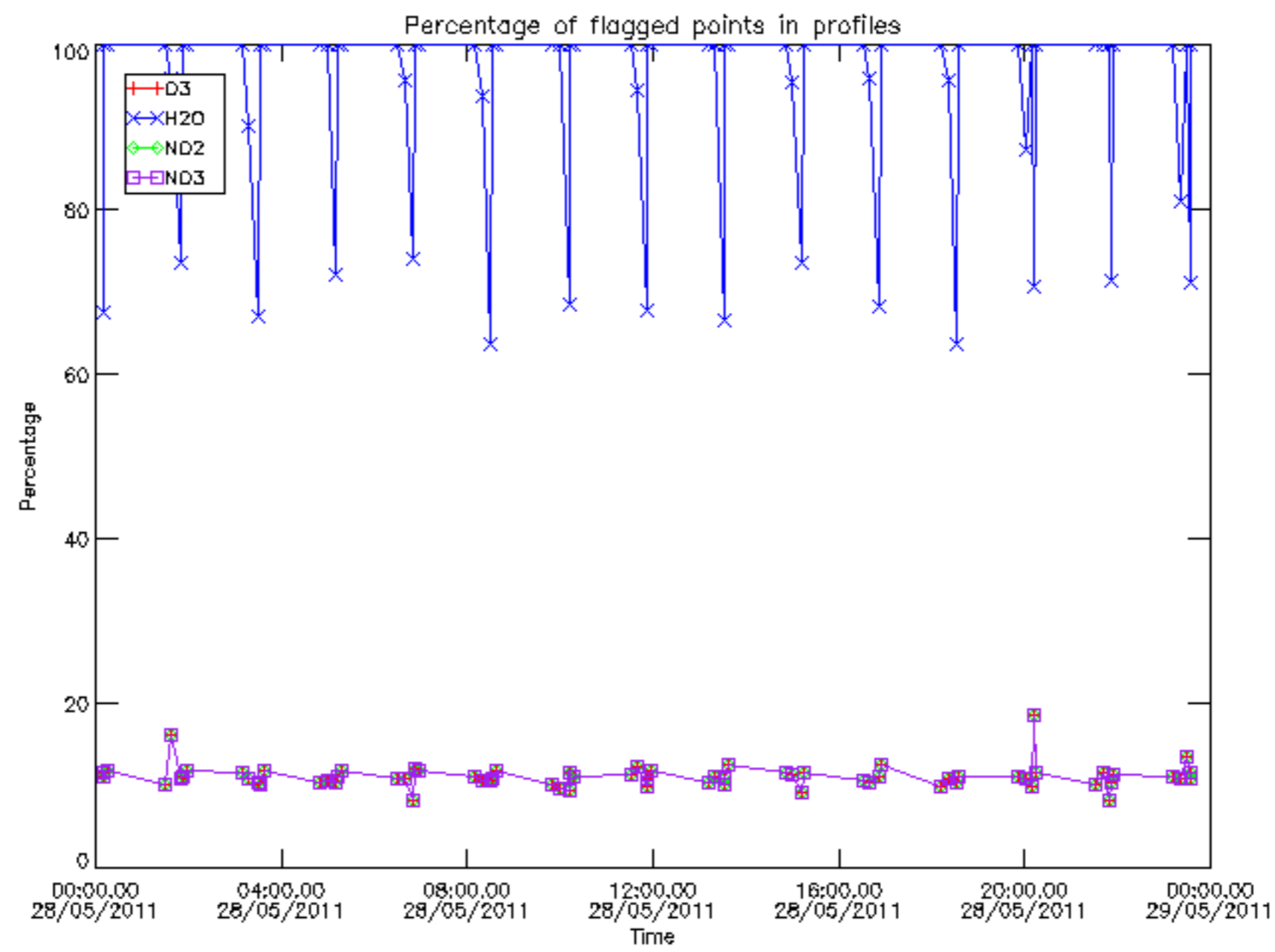


## 6. Auxiliary Data Files used for the production reported in section 2

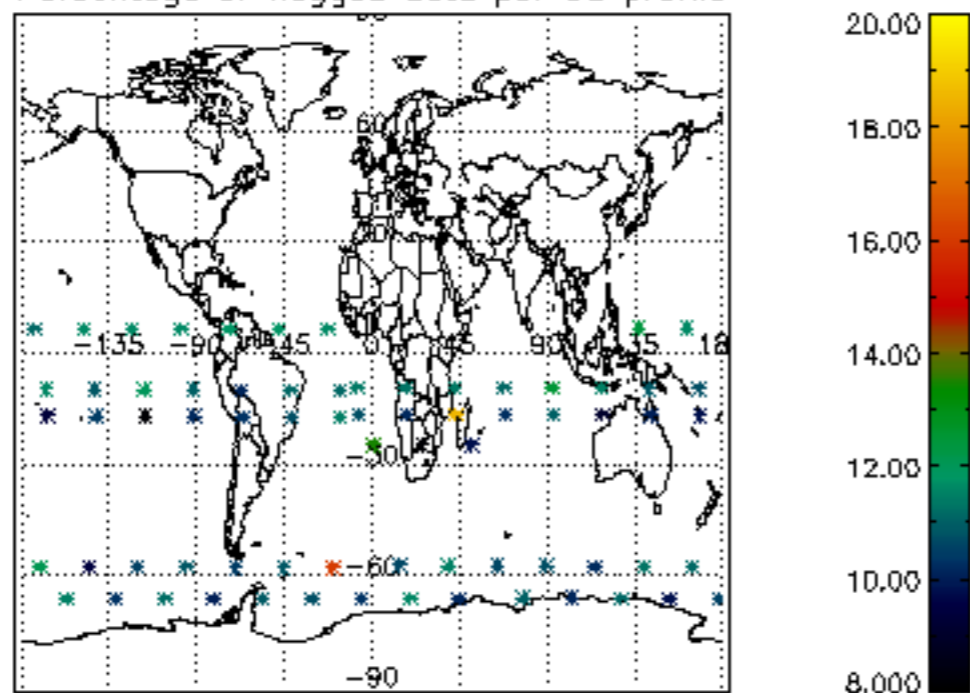
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	28-MAY-2011 00:09:38
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	28-MAY-2011 00:09:38
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	28-MAY-2011 00:09:38

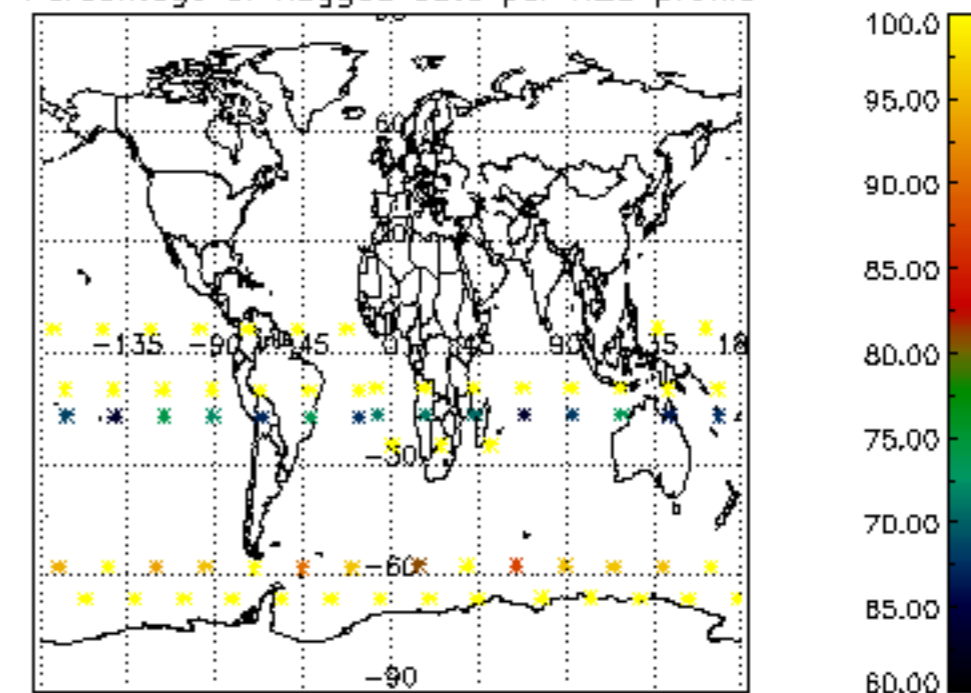




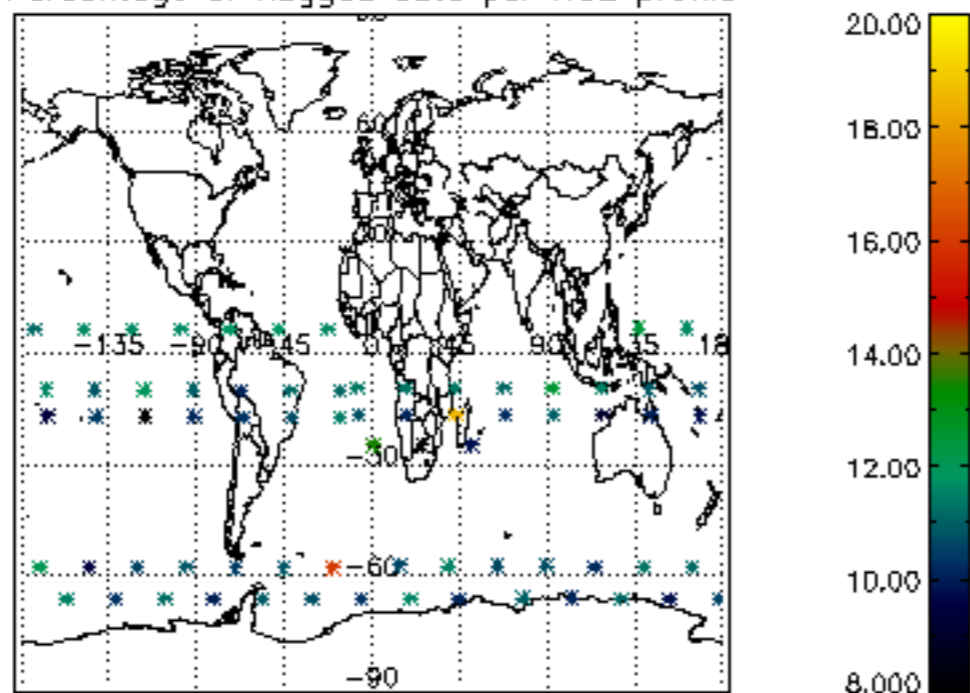
Percentage of flagged data per D3 profile



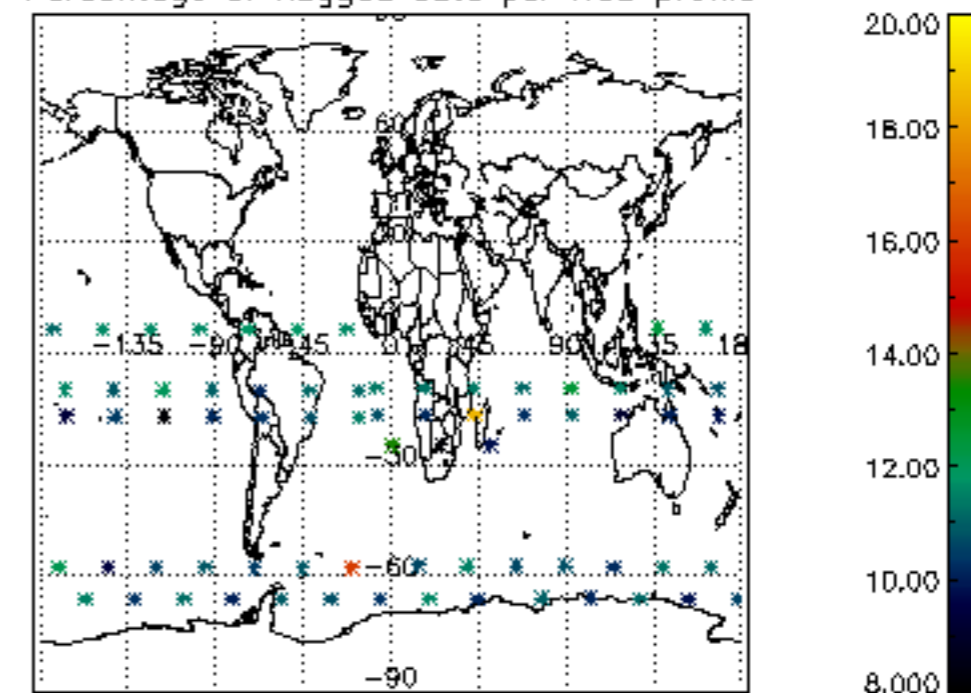
Percentage of flagged data per H2O profile

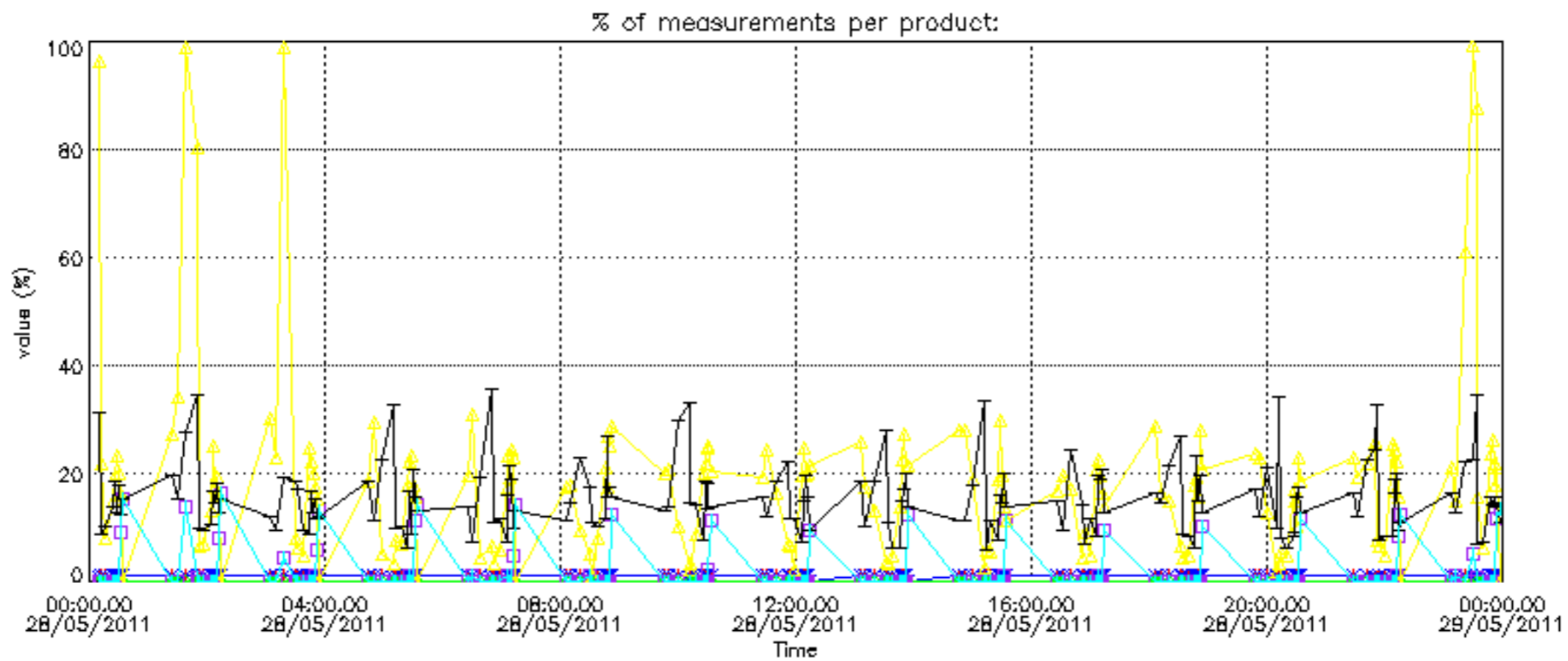
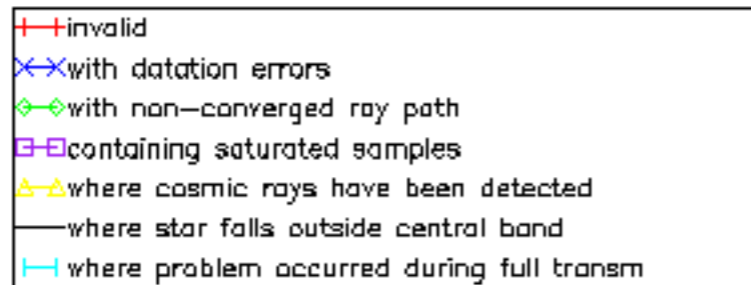


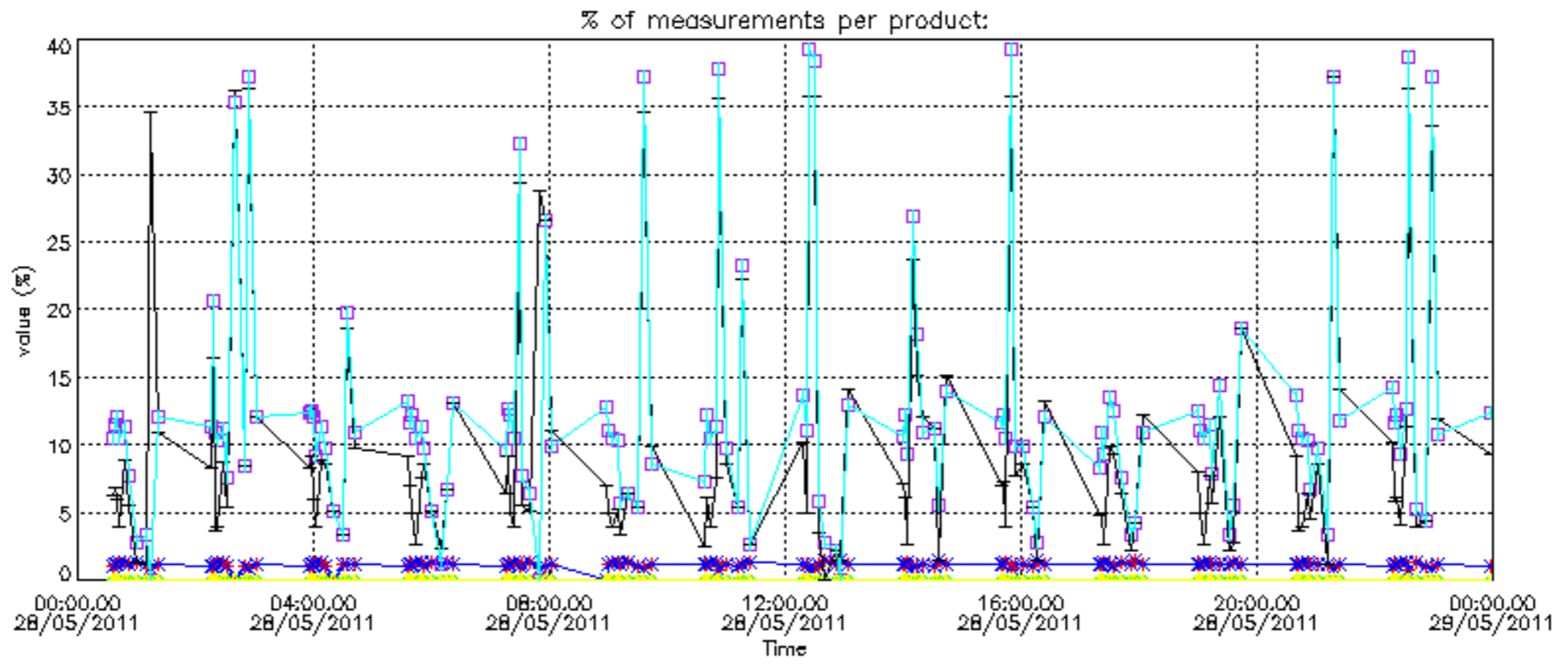
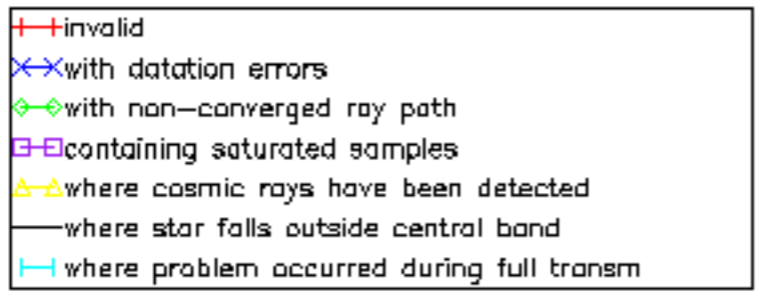
Percentage of flagged data per NO2 profile



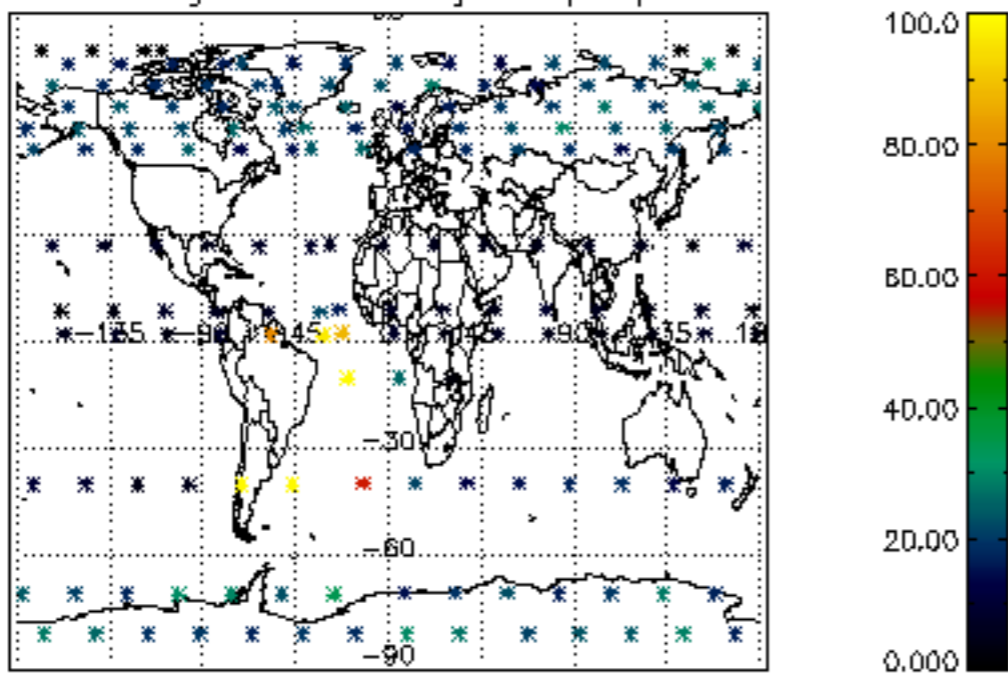
Percentage of flagged data per NO3 profile



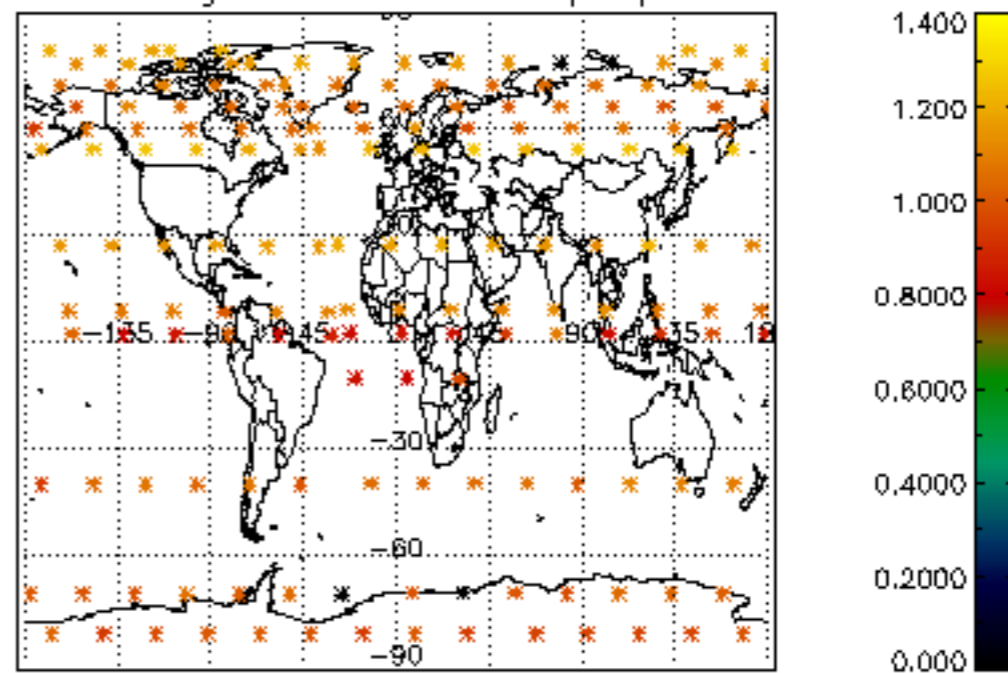




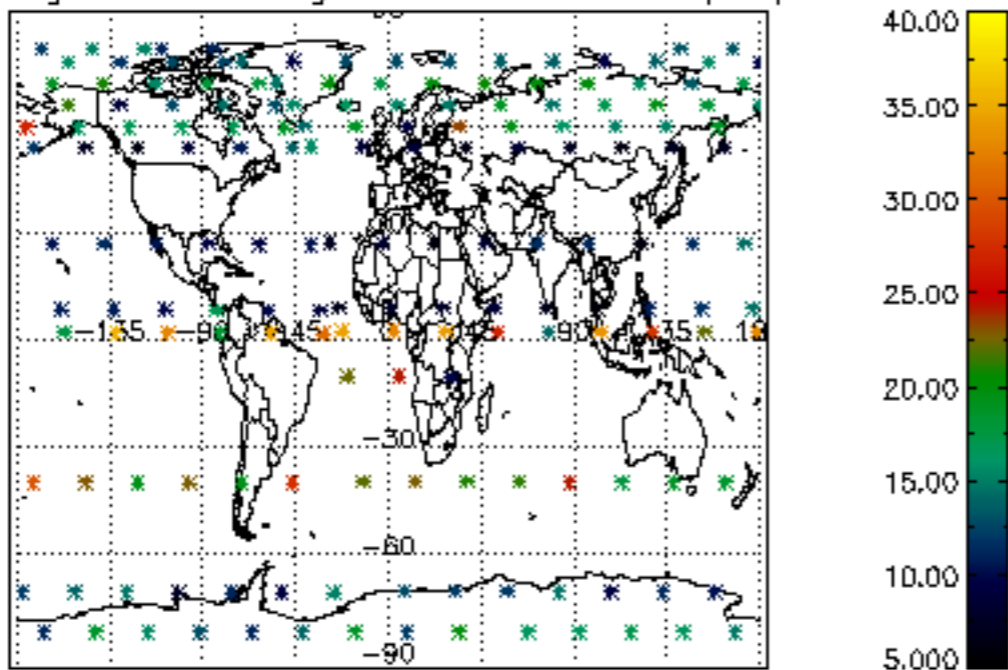
Percentage of cosmic ray hits per profile



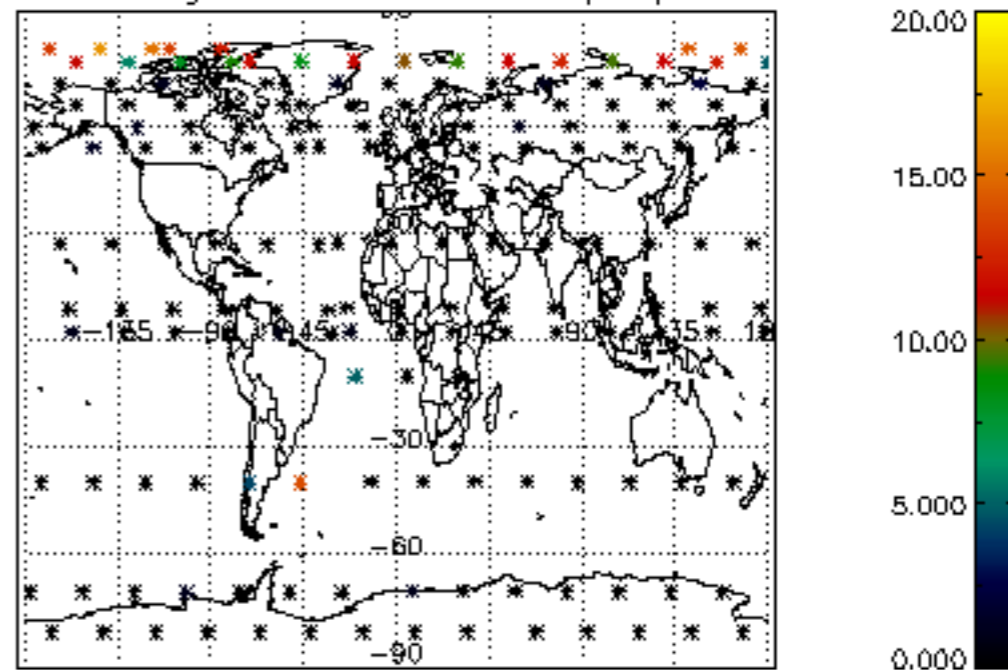
Percentage of datation errors per profile



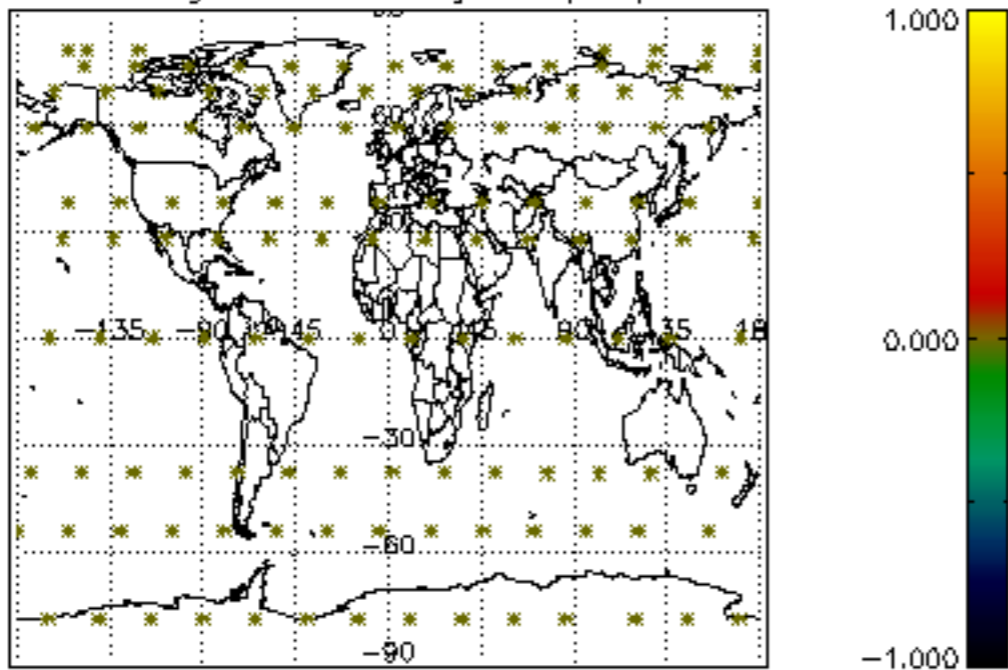
Percentage of star falling outside central band per profile



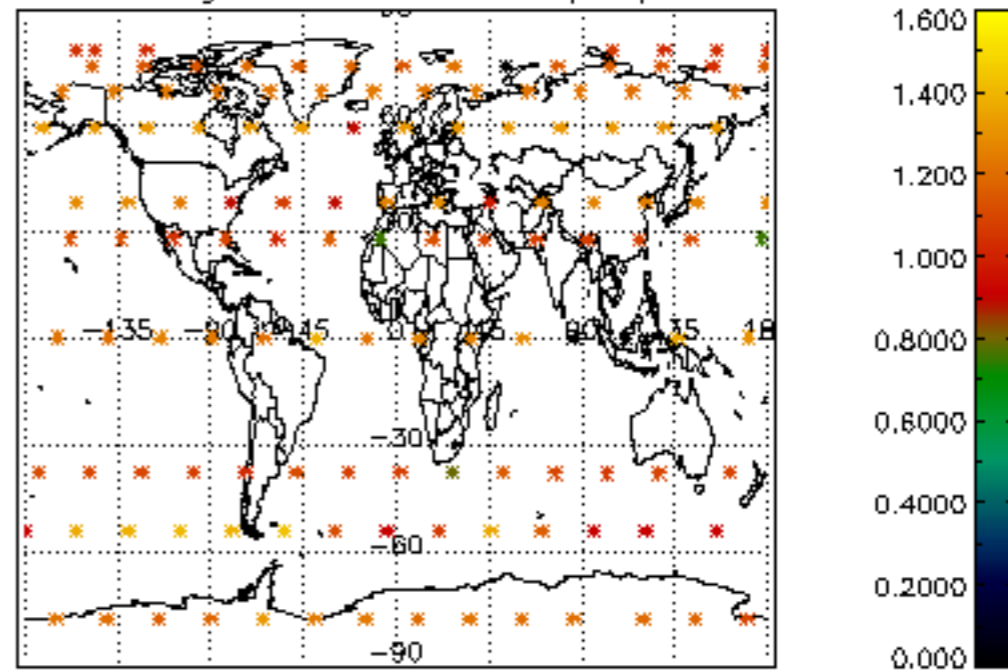
Percentage of saturation errors per profile



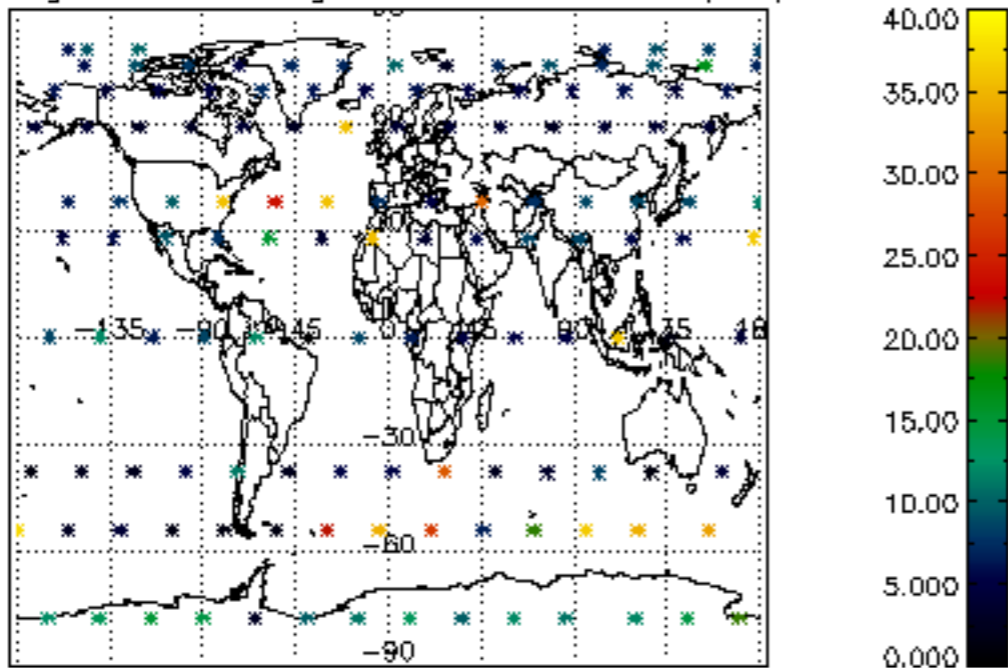
Percentage of cosmic ray hits per profile



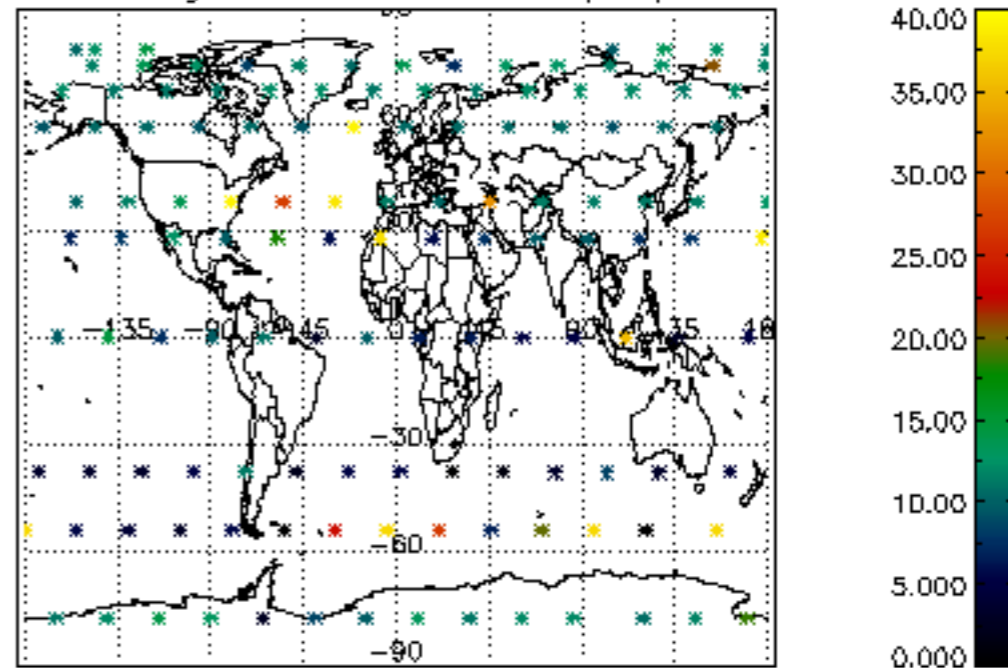
Percentage of datation errors per profile

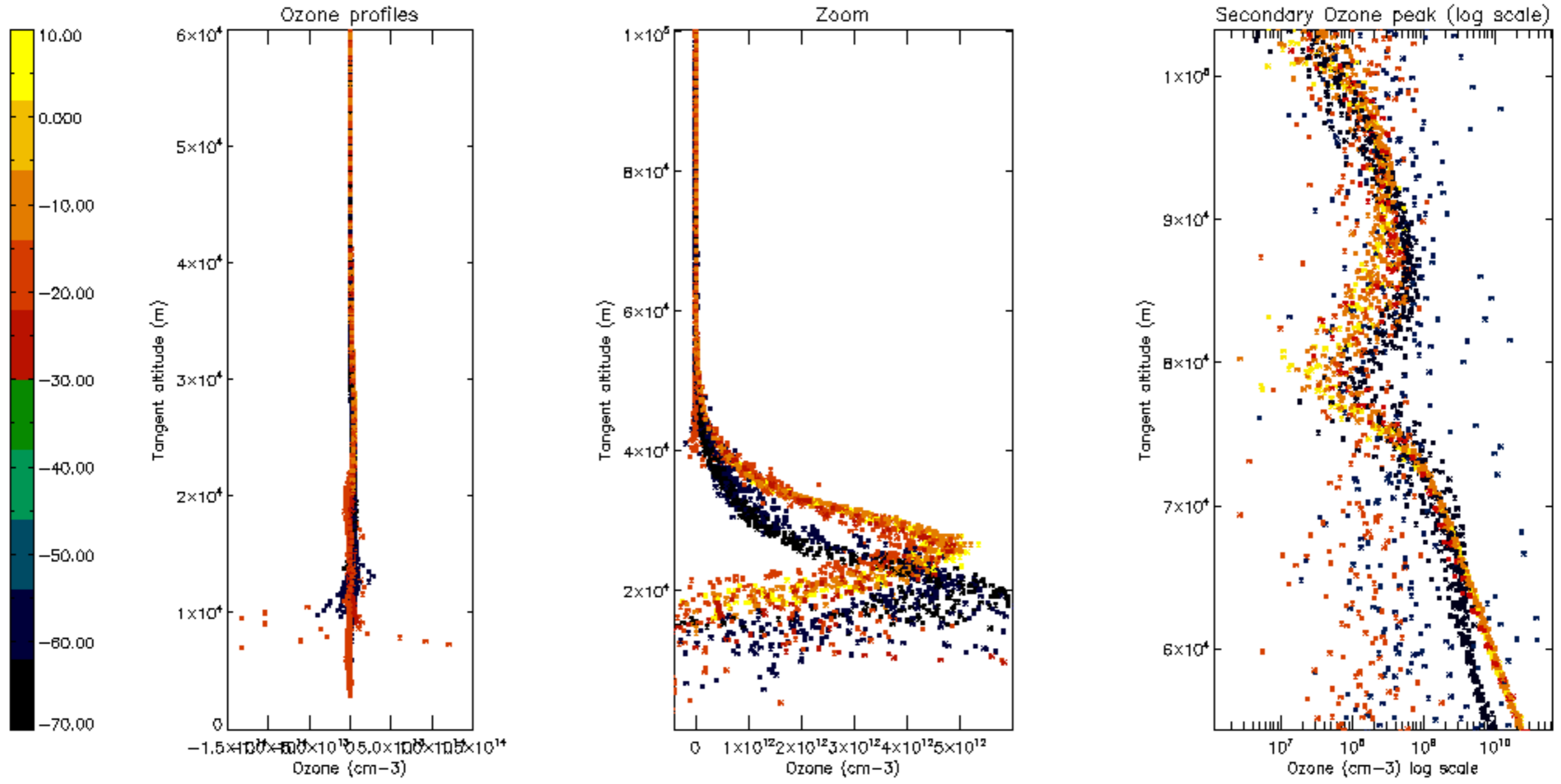


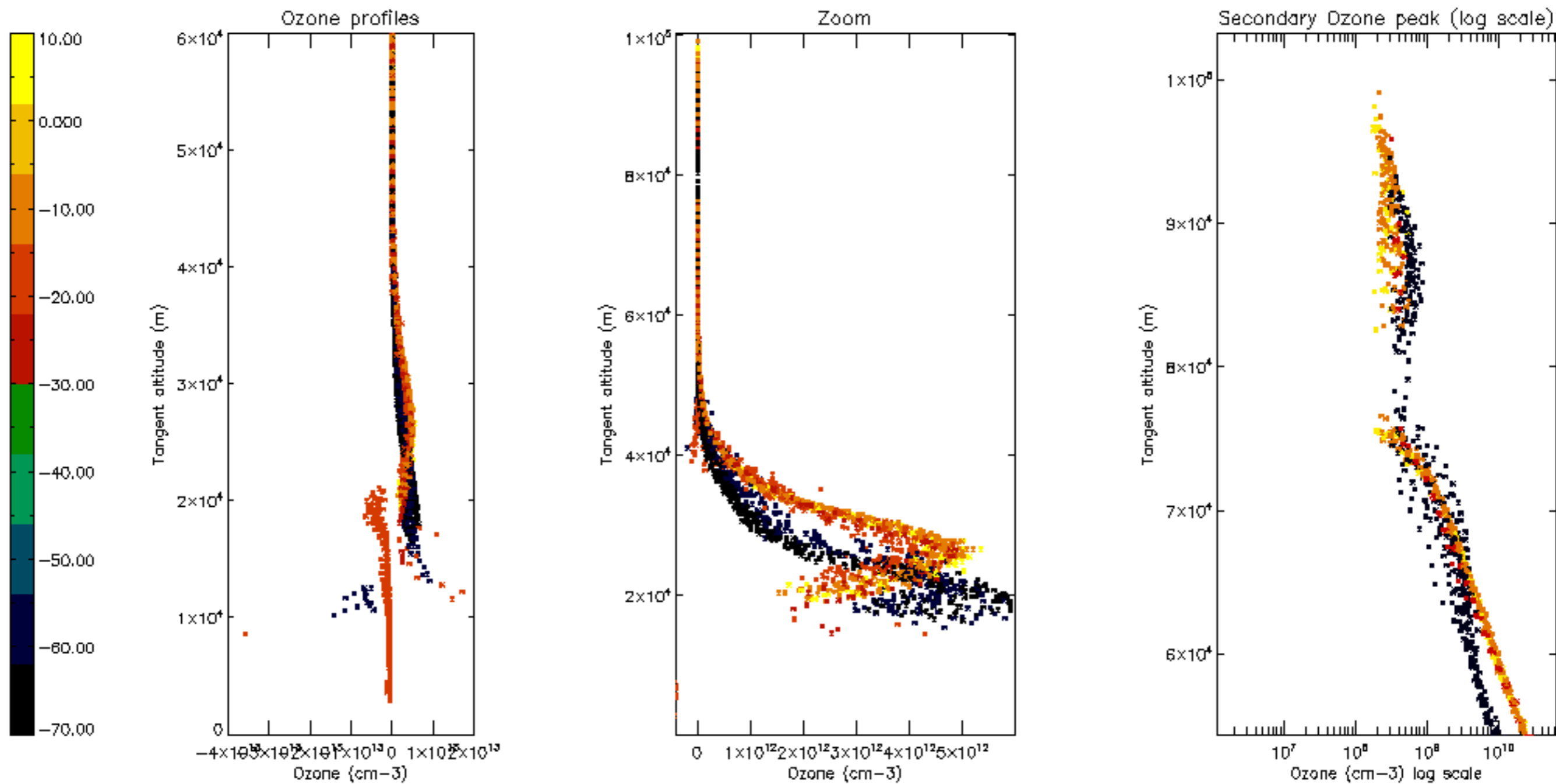
Percentage of star falling outside central band per profile



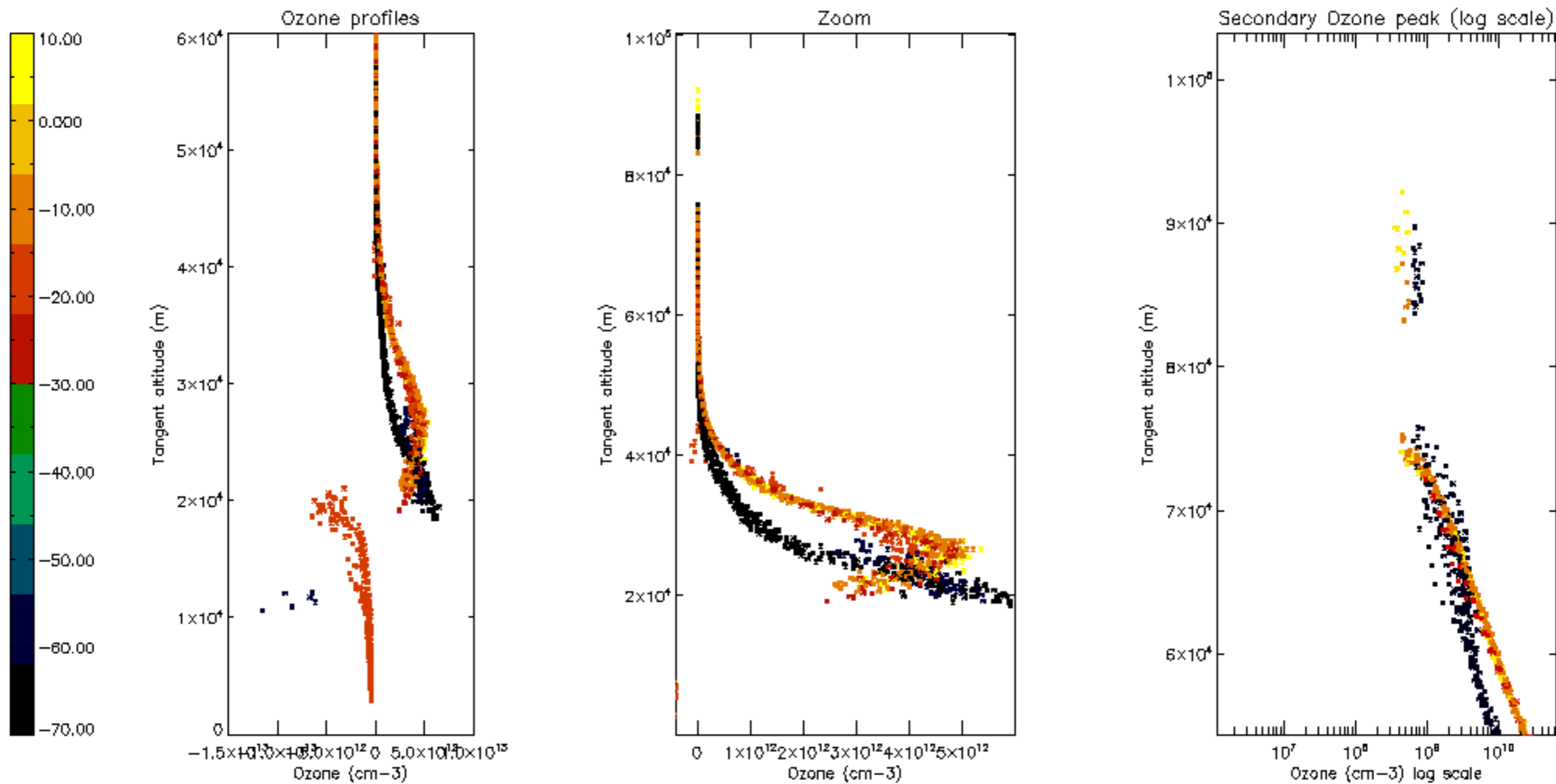
Percentage of saturation errors per profile

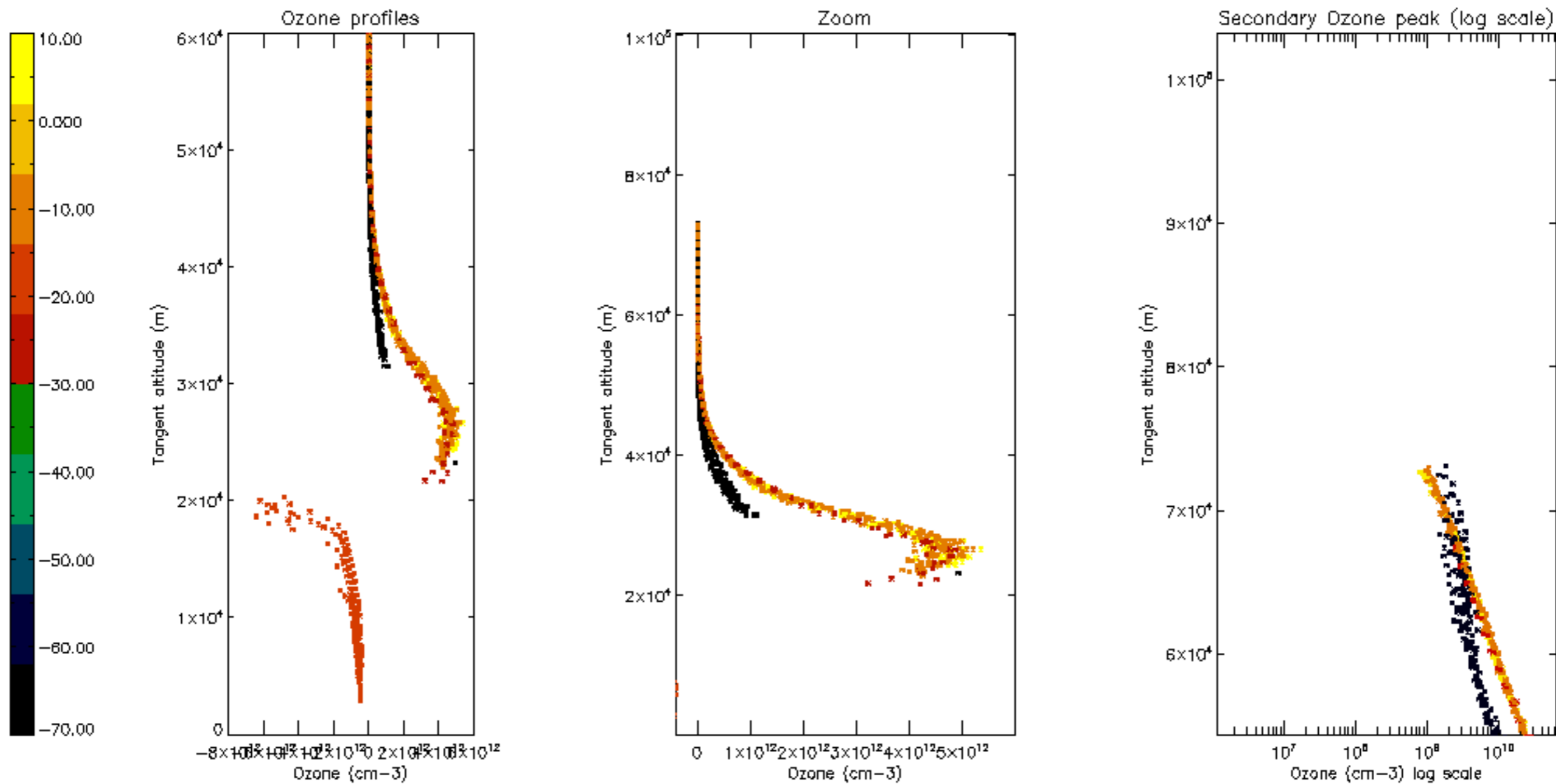


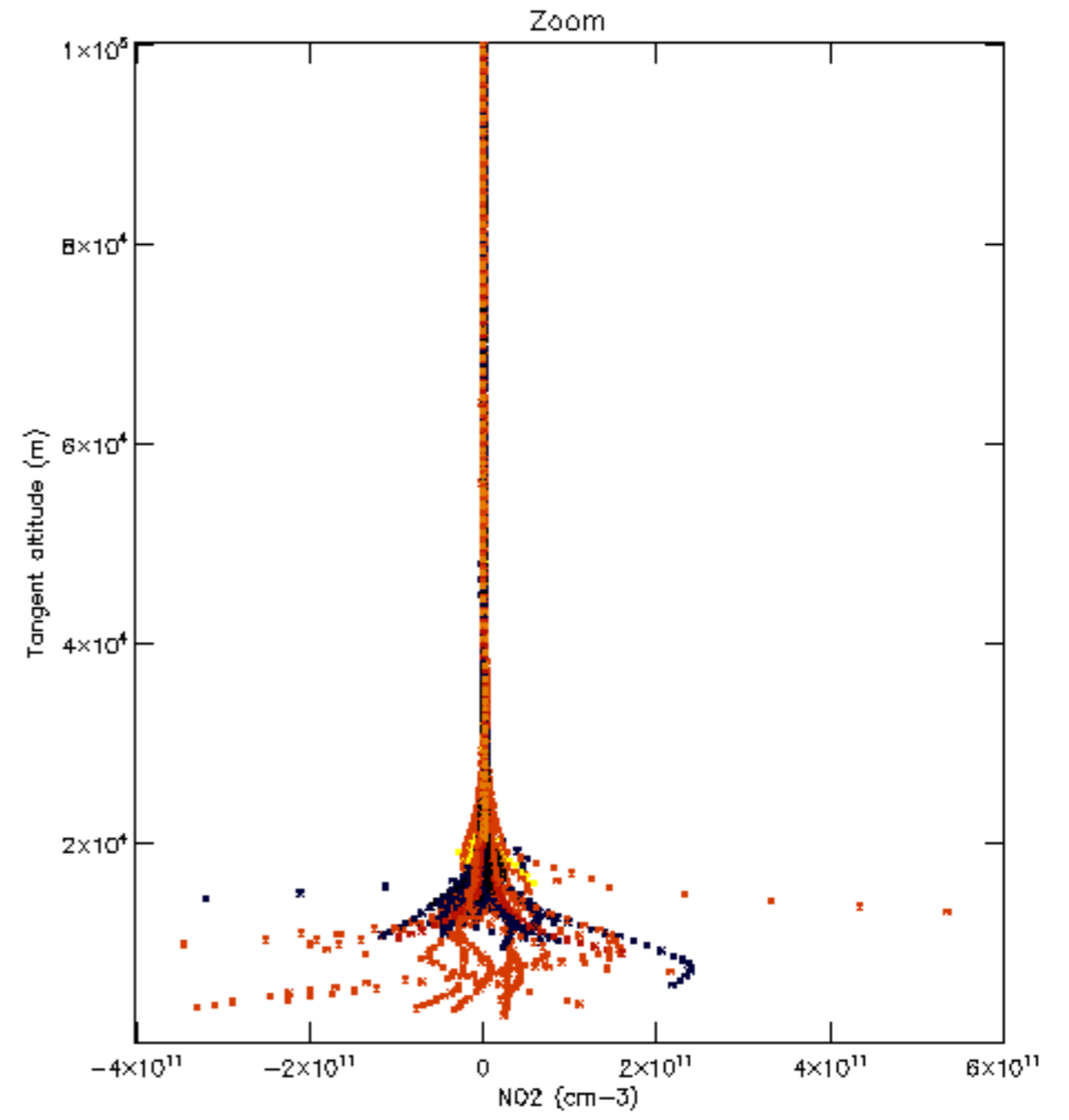
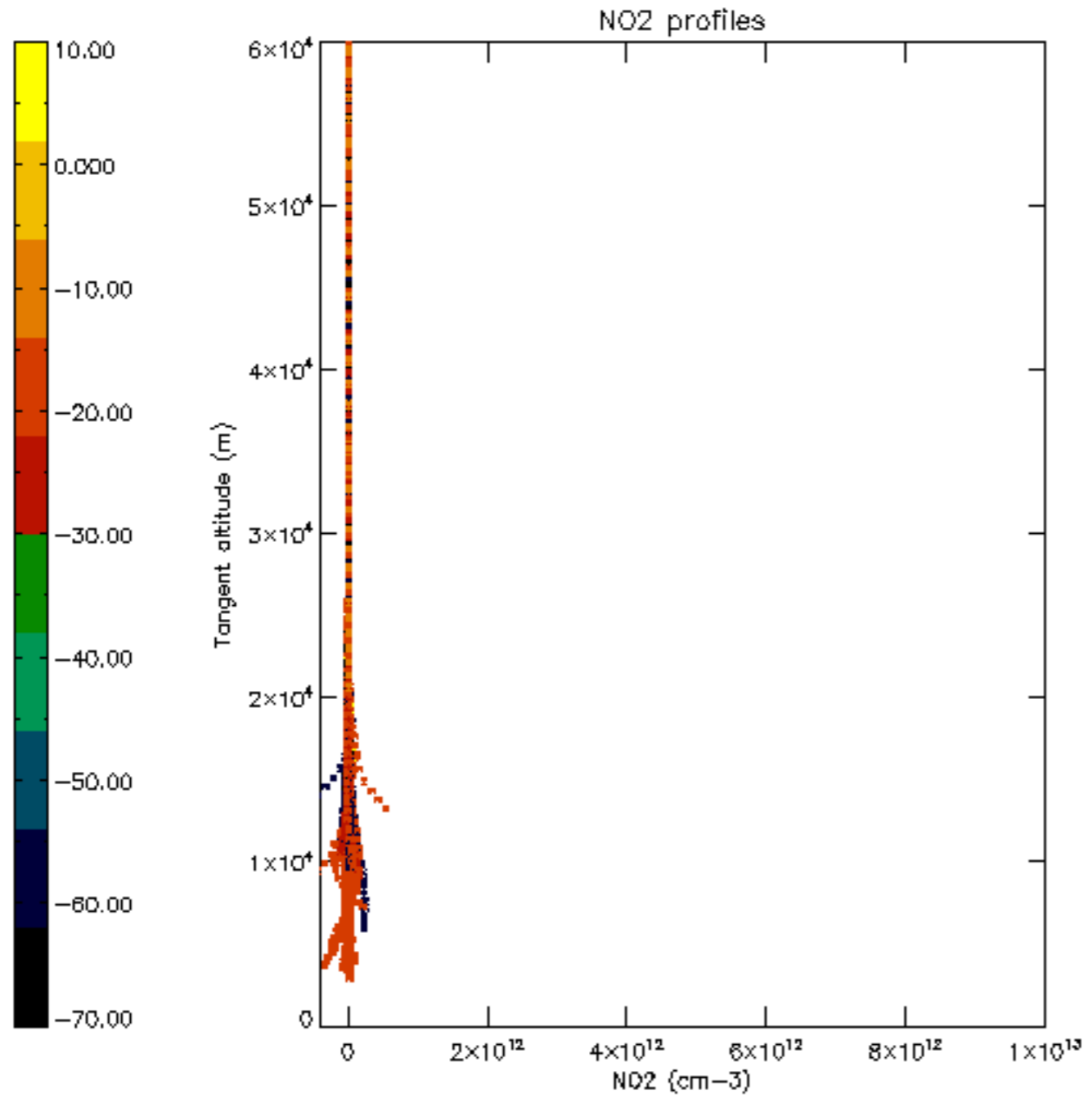


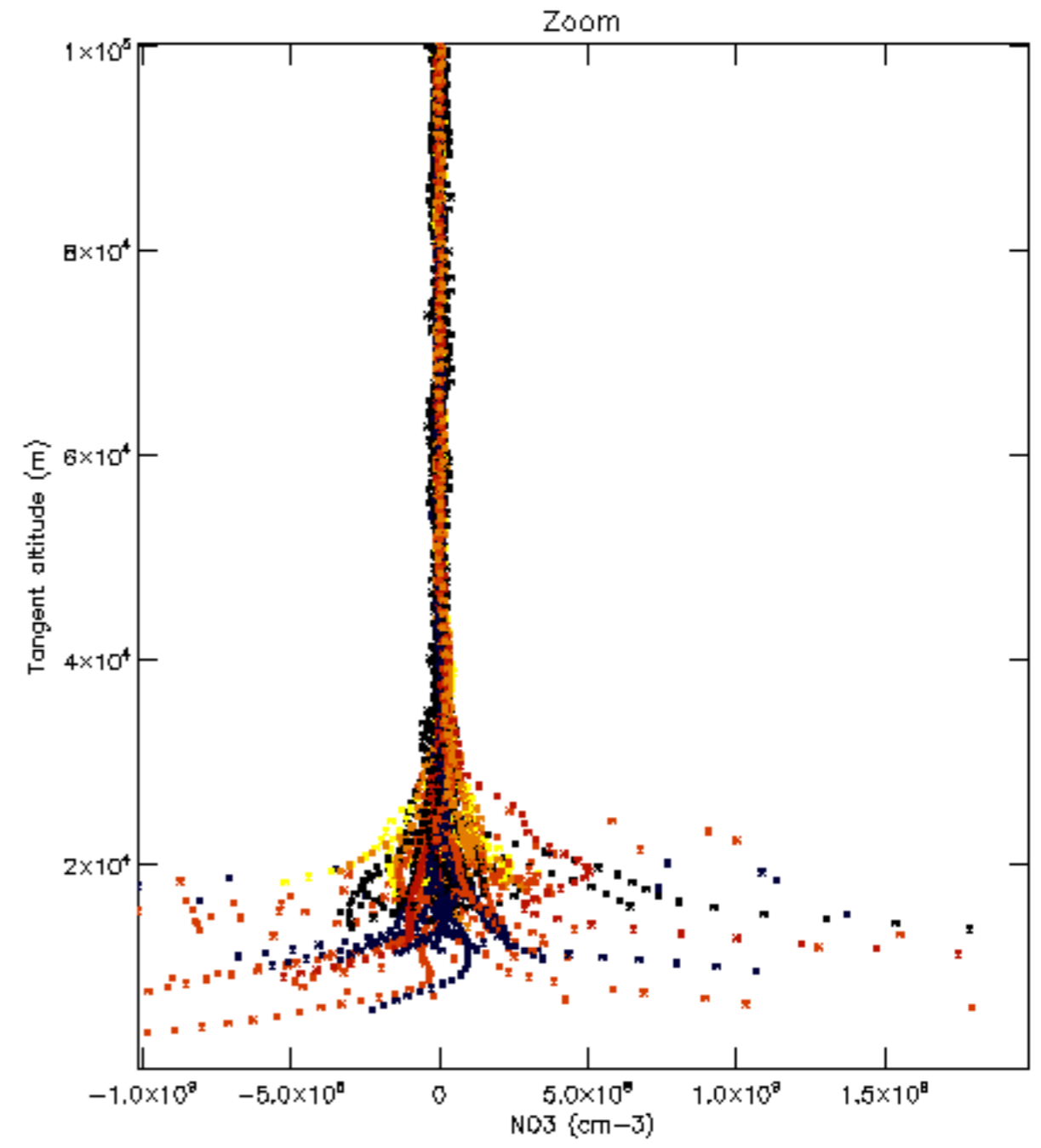
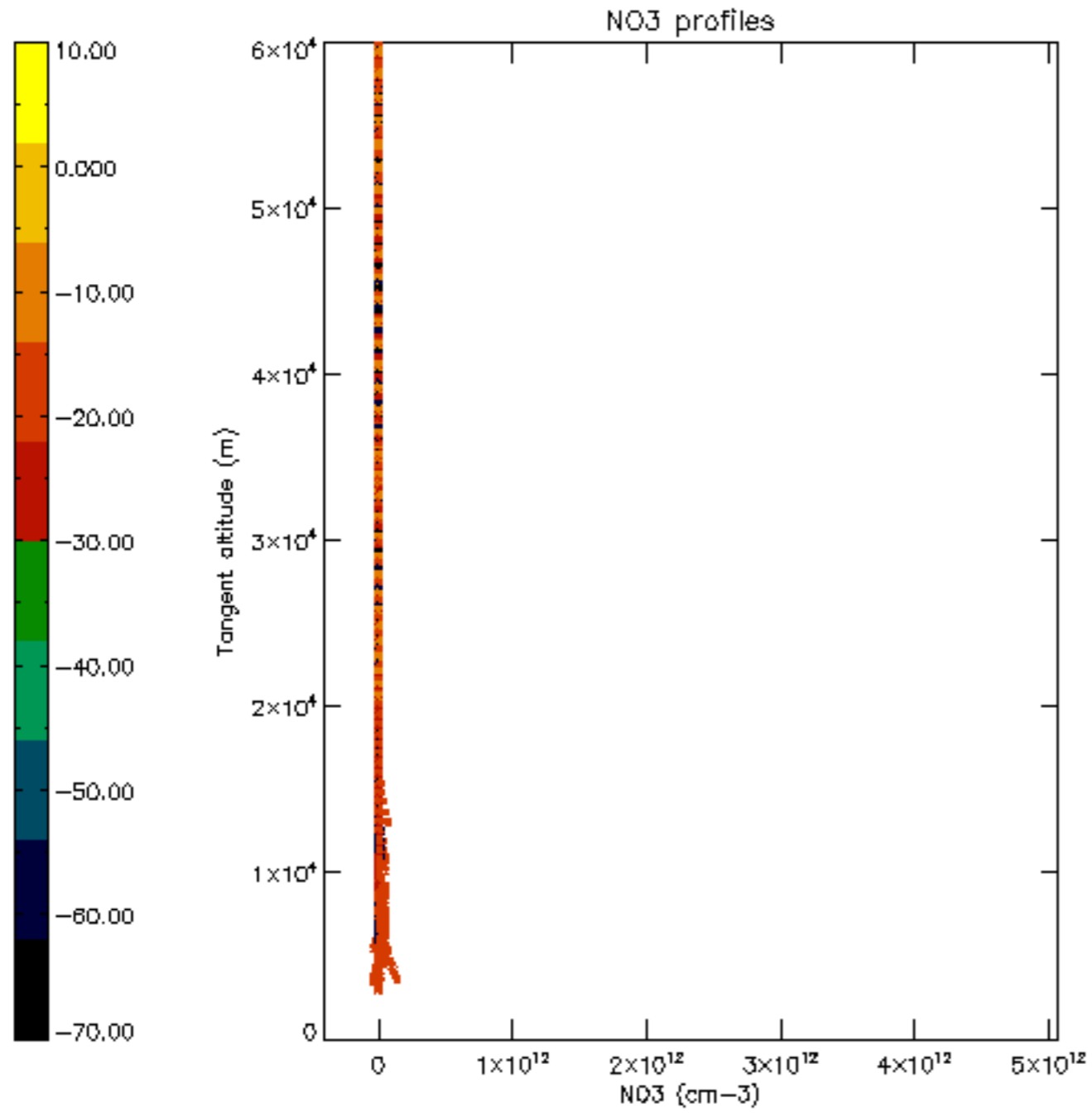


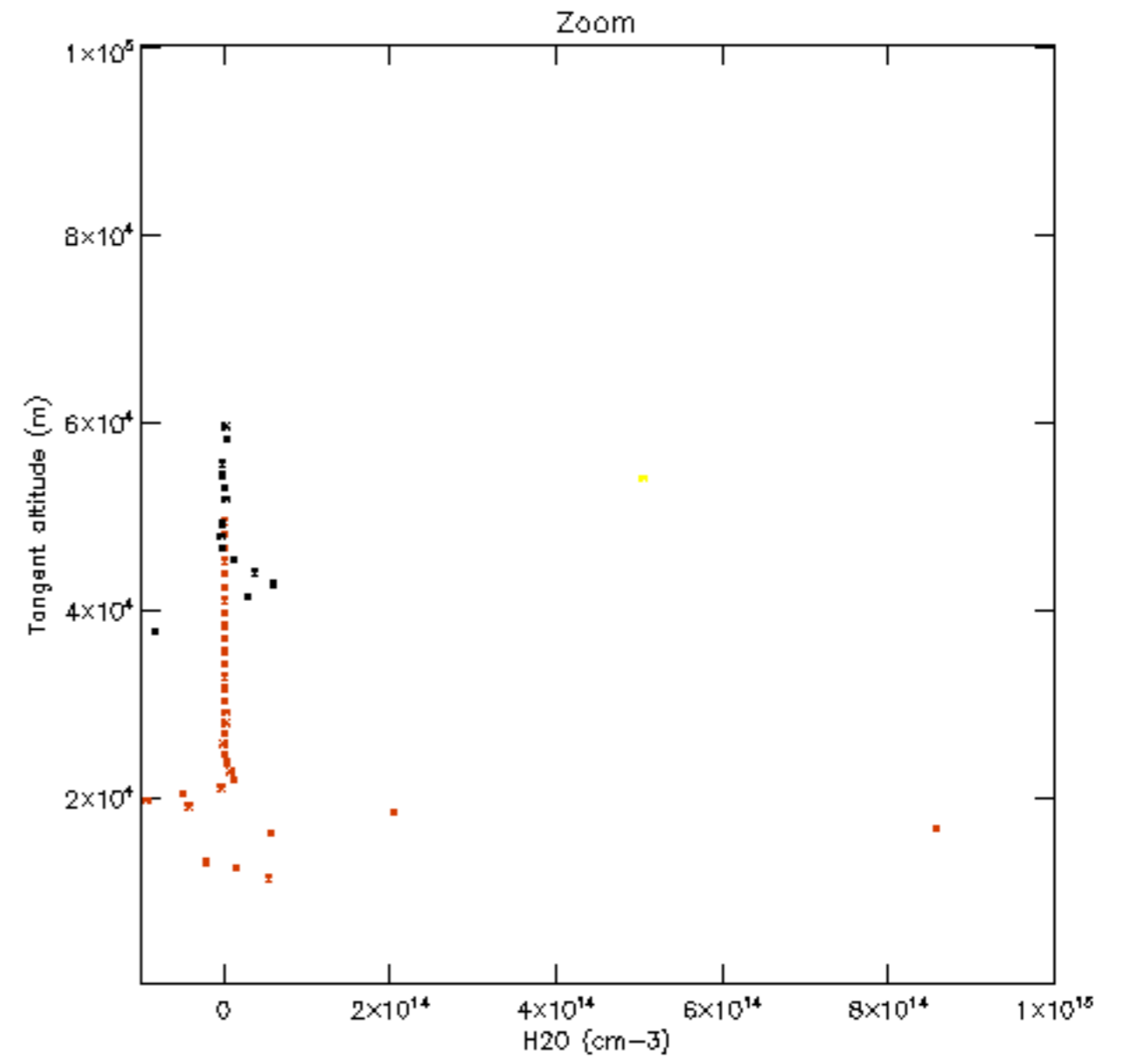
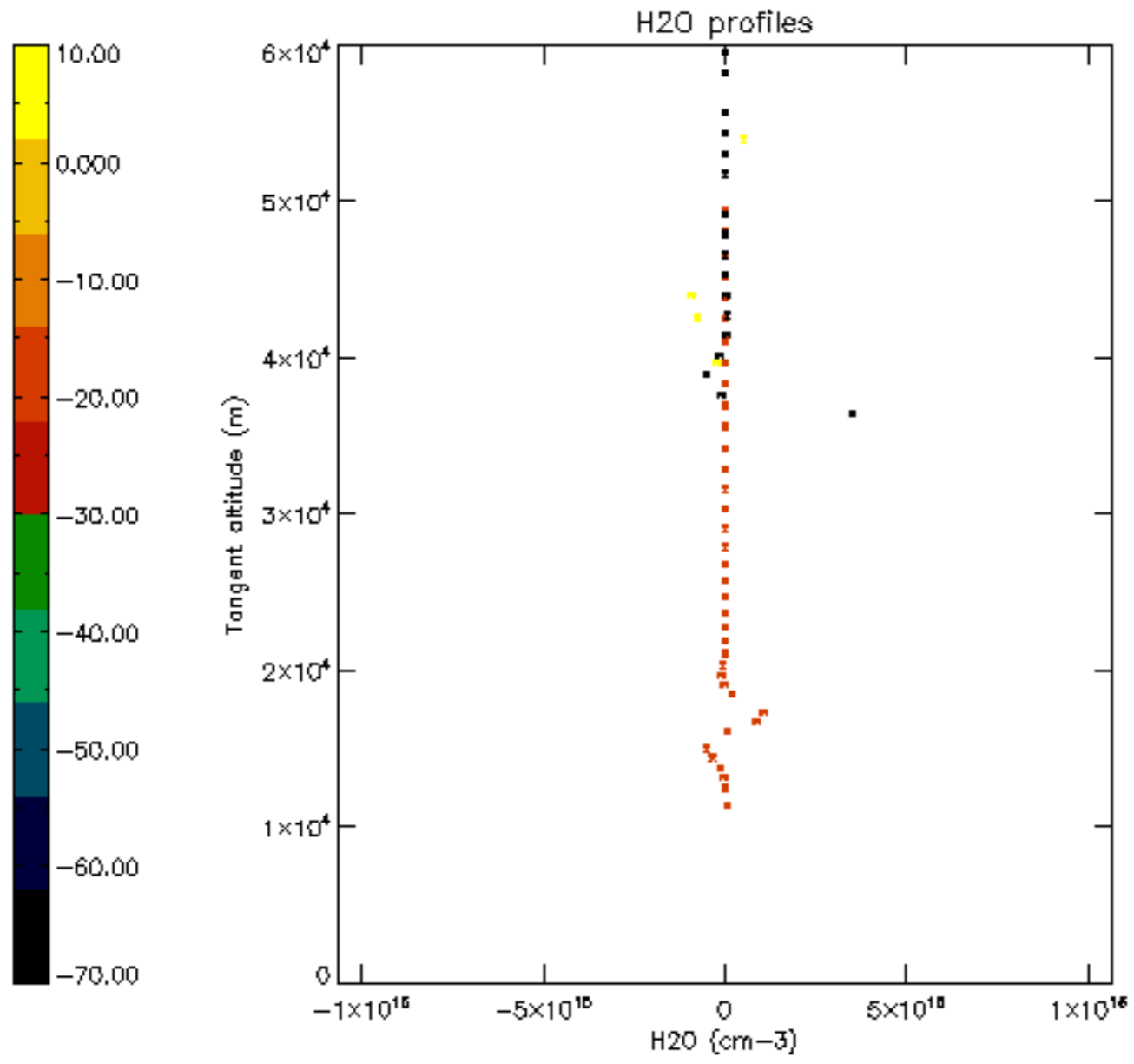


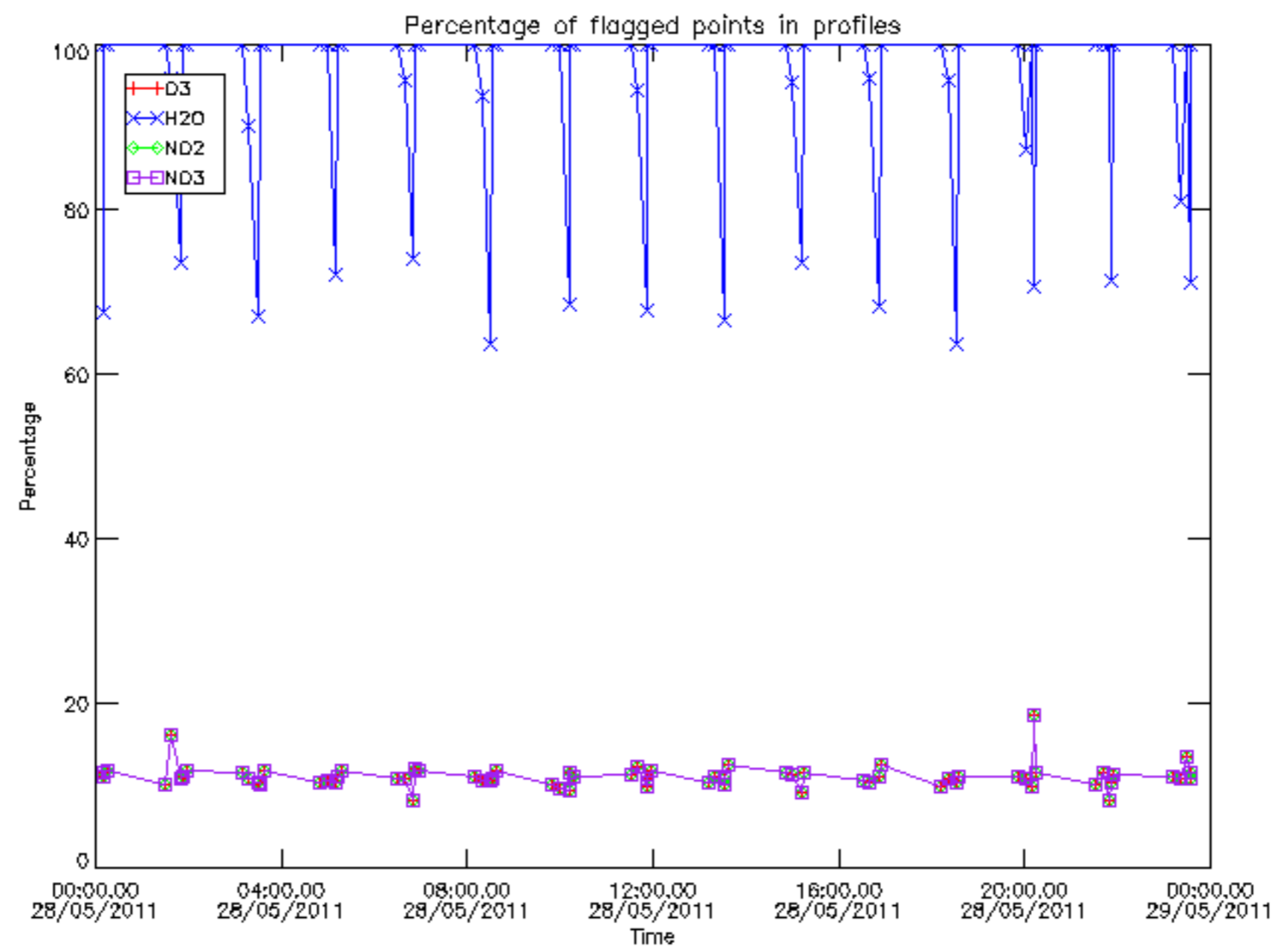




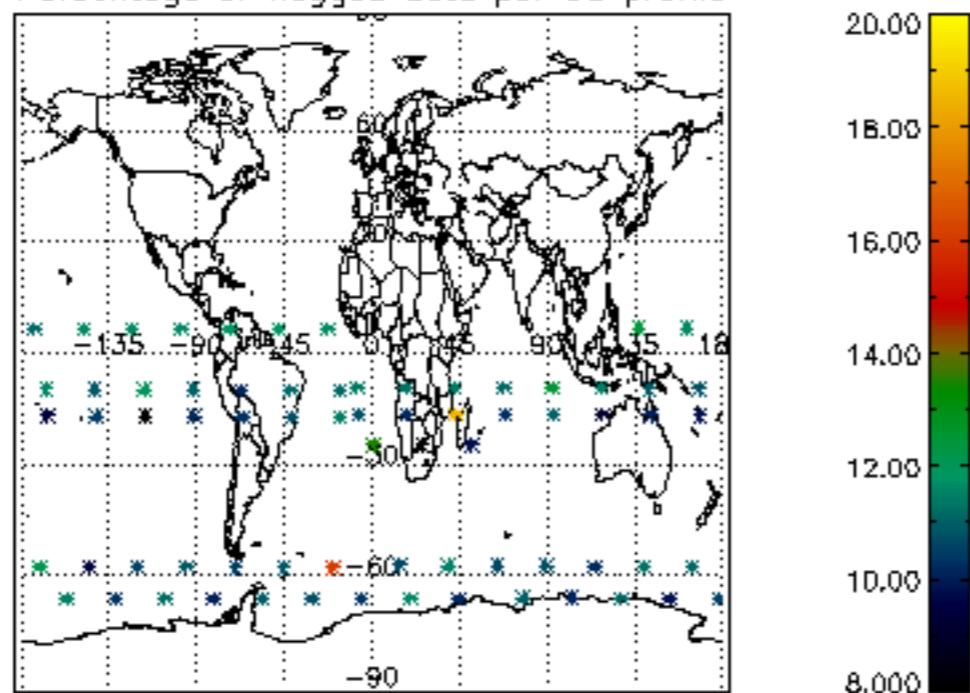




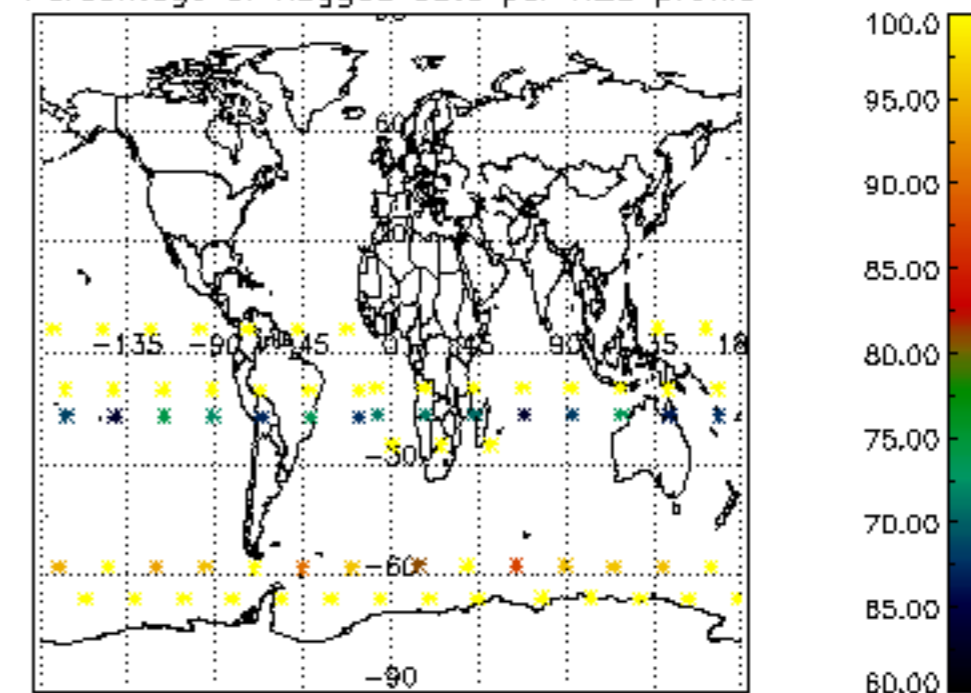




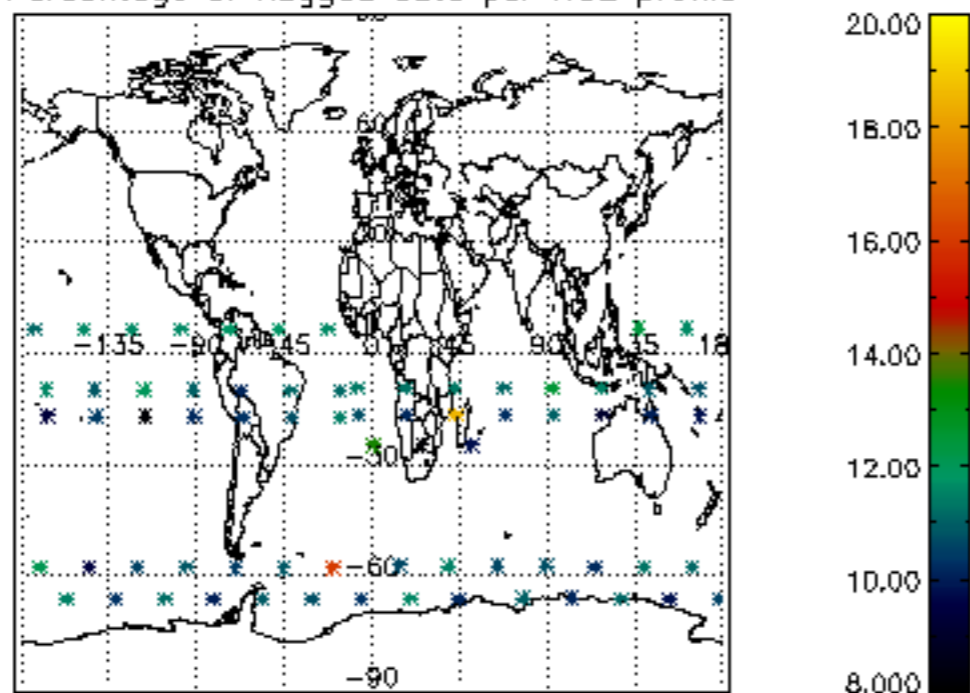
Percentage of flagged data per D3 profile



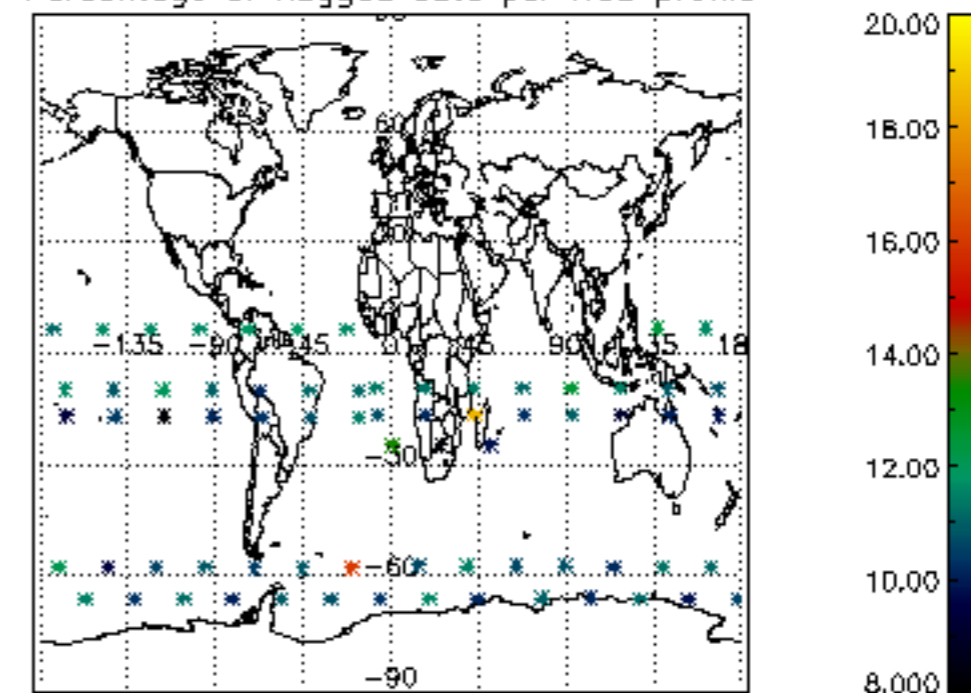
Percentage of flagged data per H2O profile

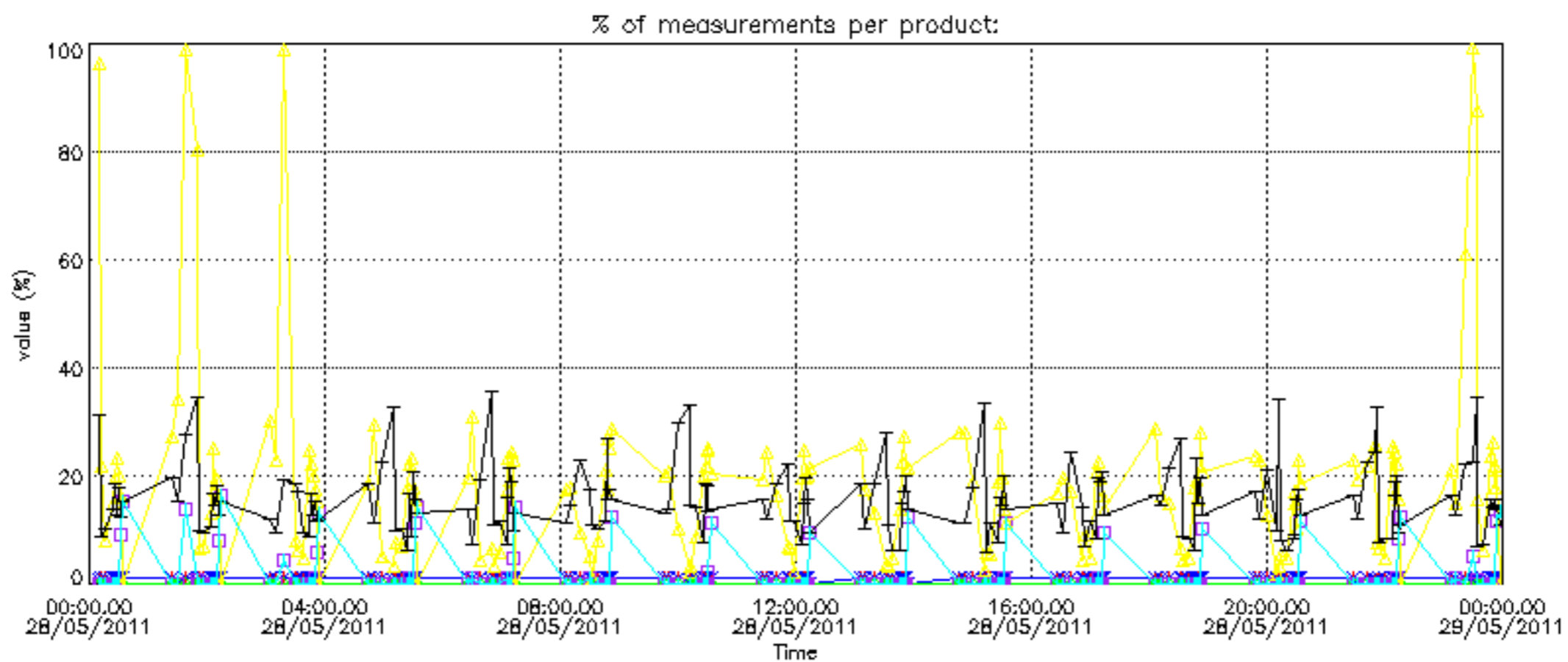
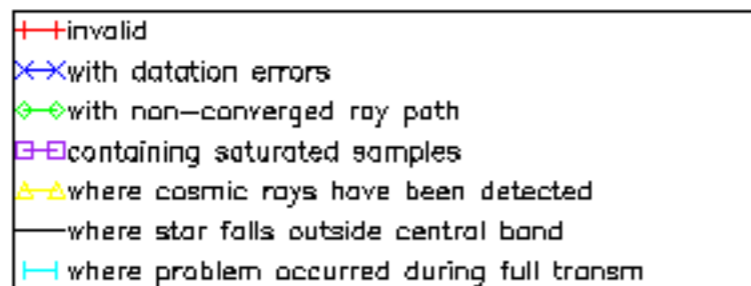


Percentage of flagged data per NO2 profile

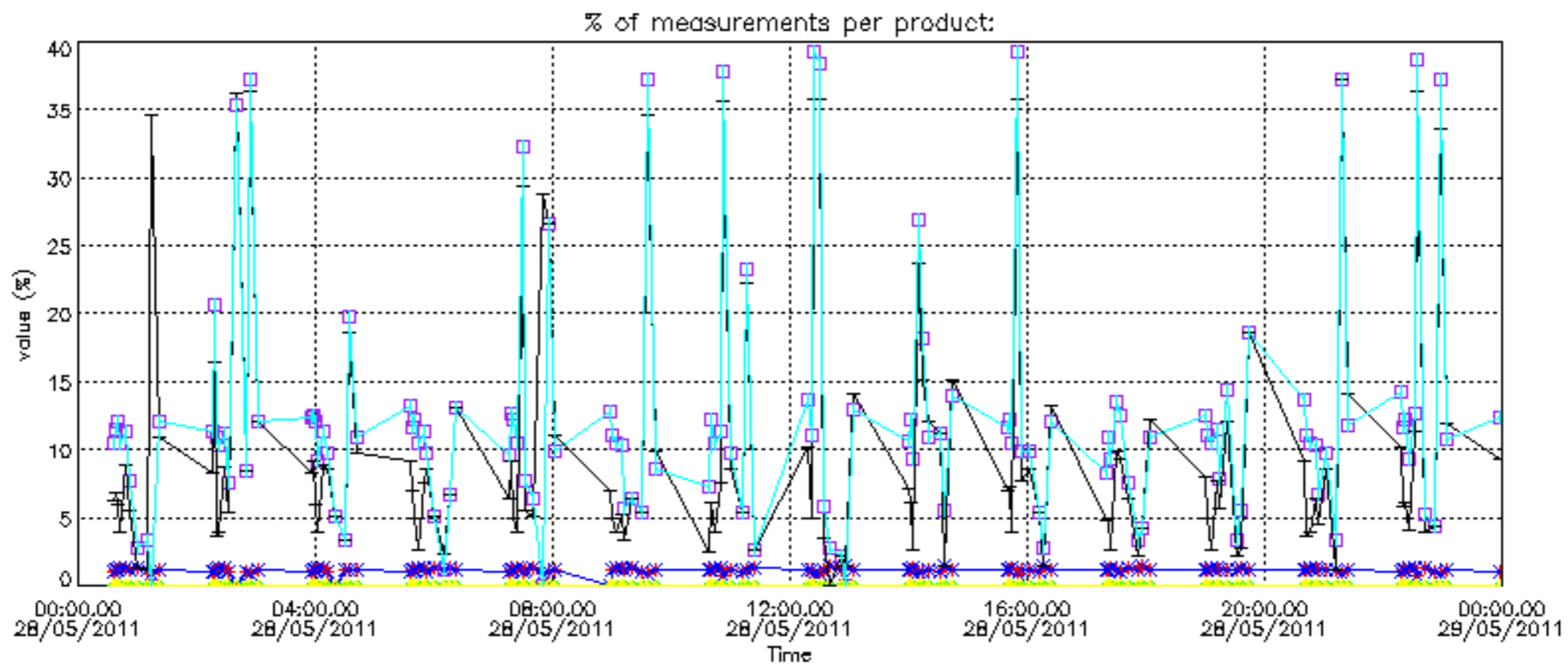
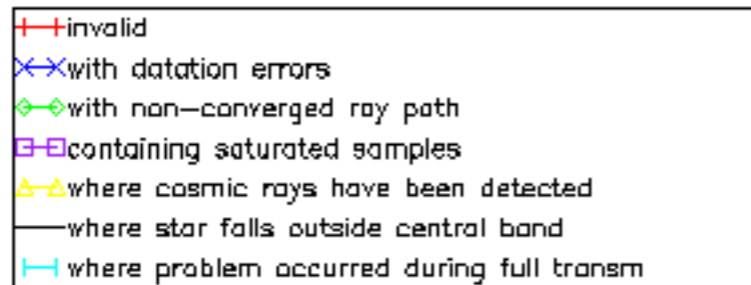


Percentage of flagged data per NO3 profile

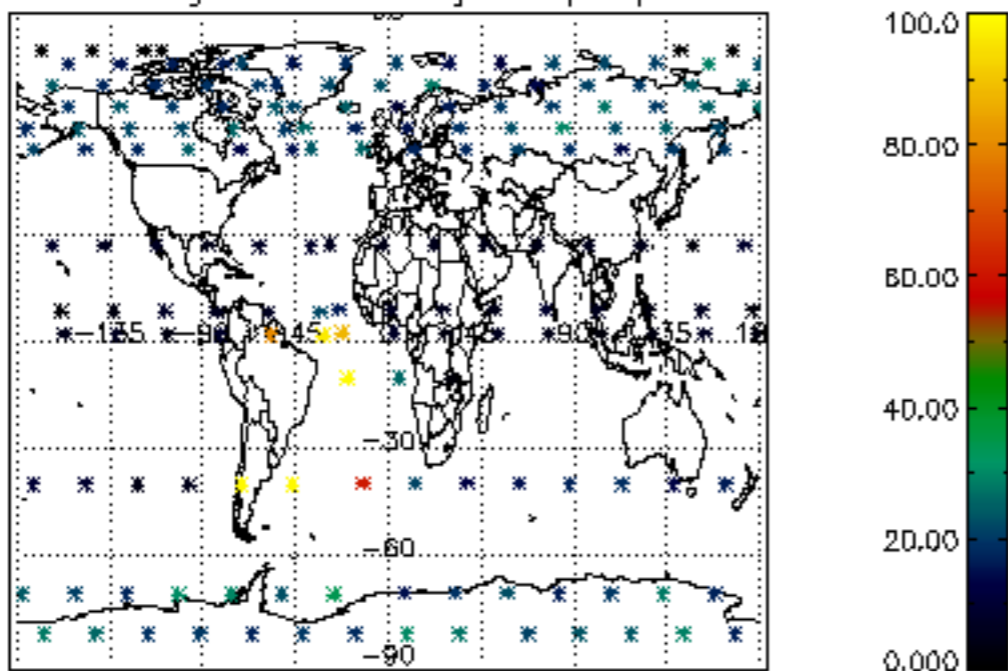




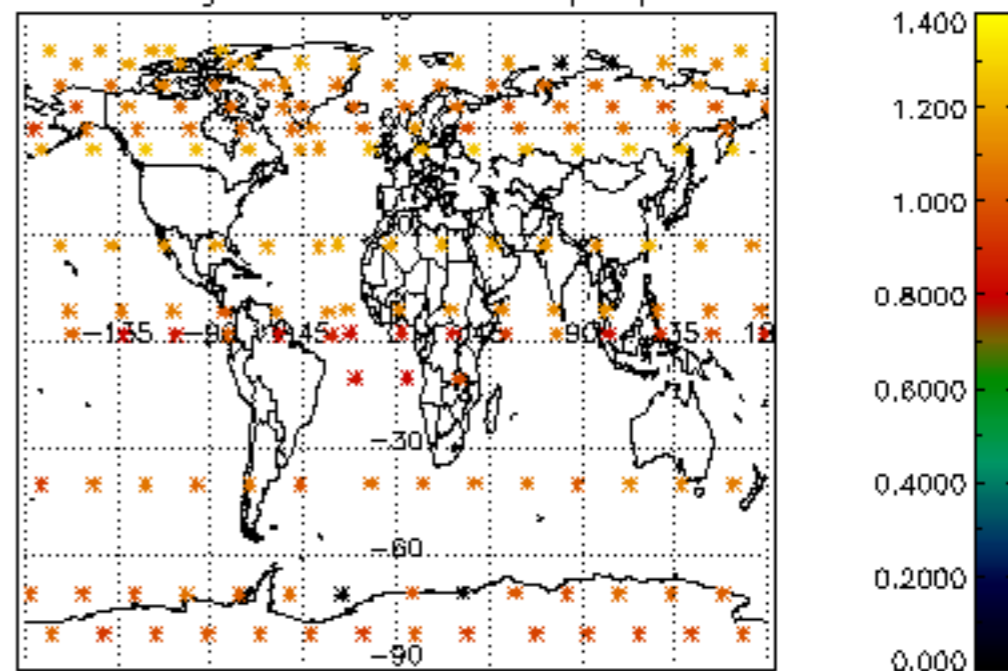




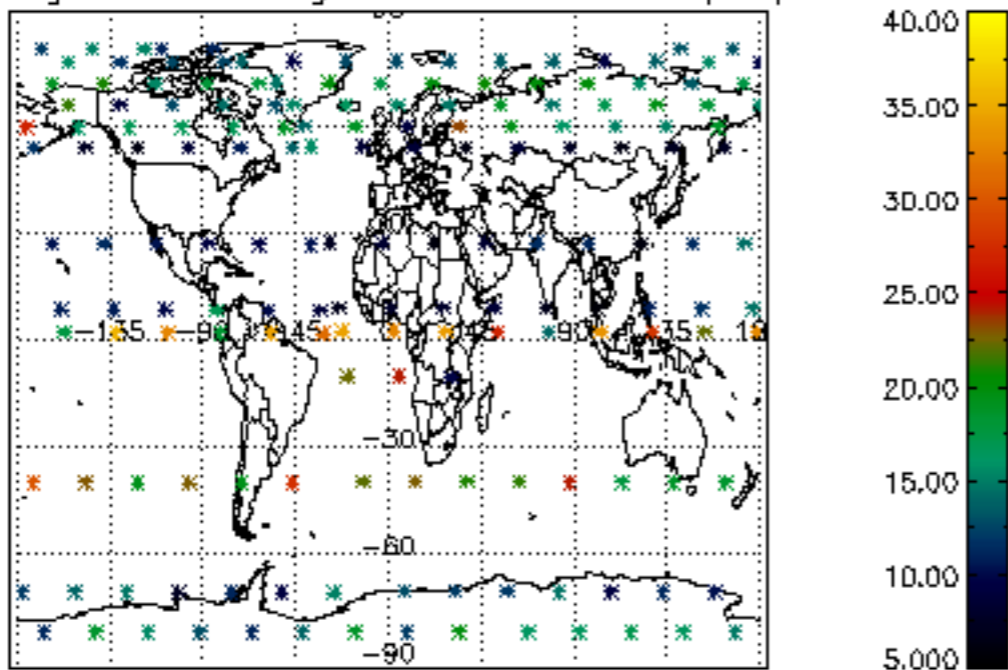
Percentage of cosmic ray hits per profile



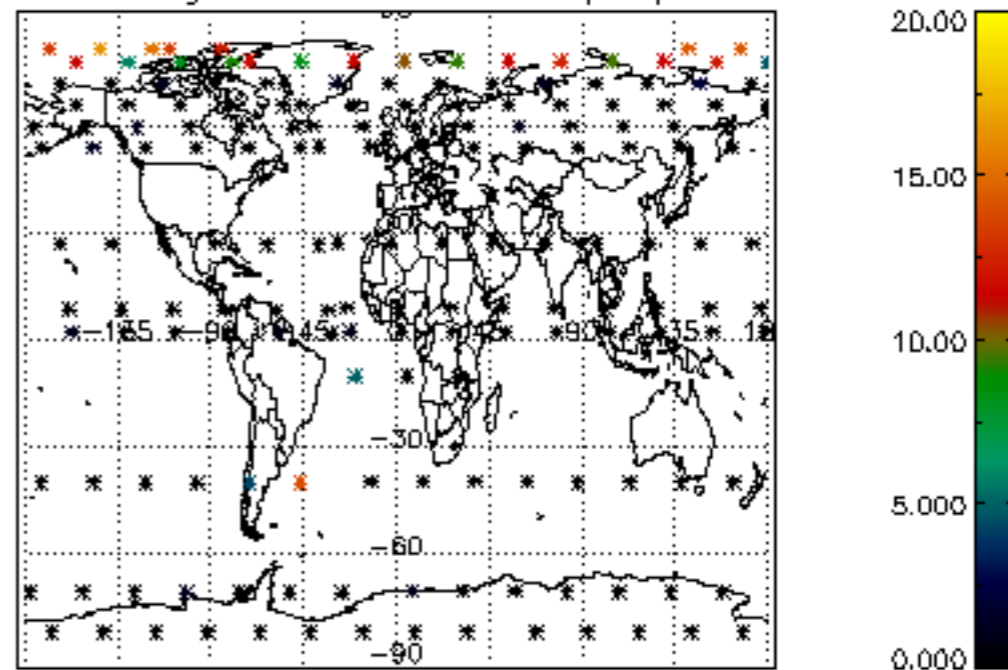
Percentage of datation errors per profile



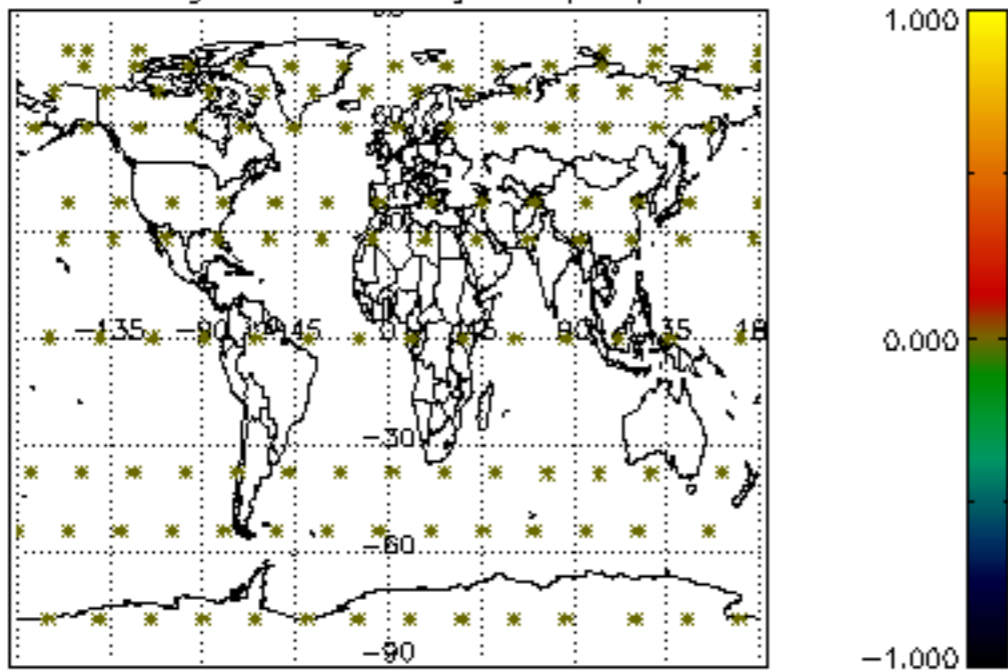
Percentage of star falling outside central band per profile



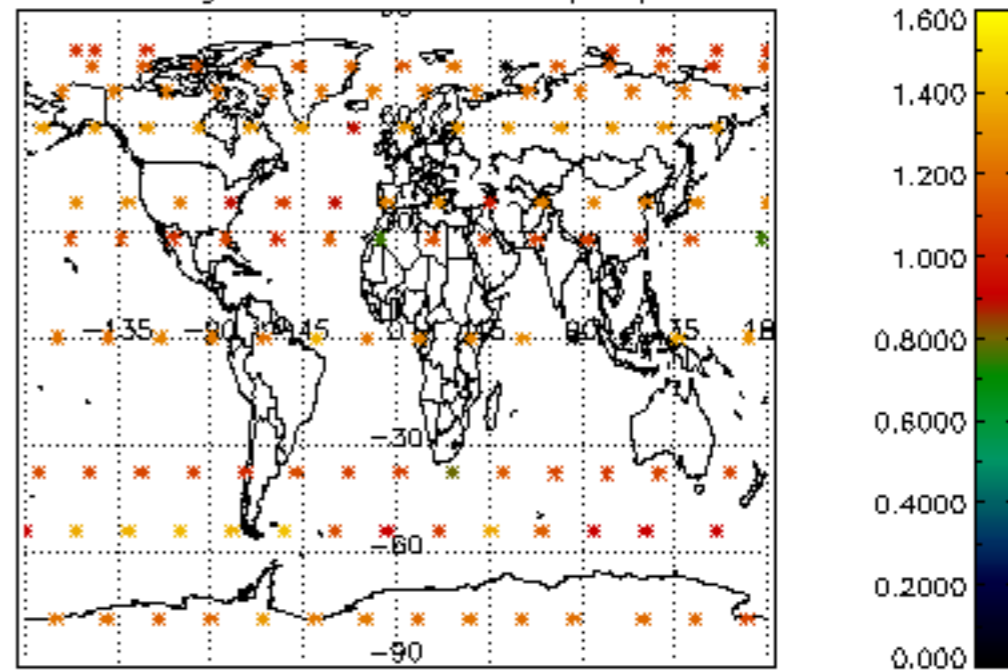
Percentage of saturation errors per profile



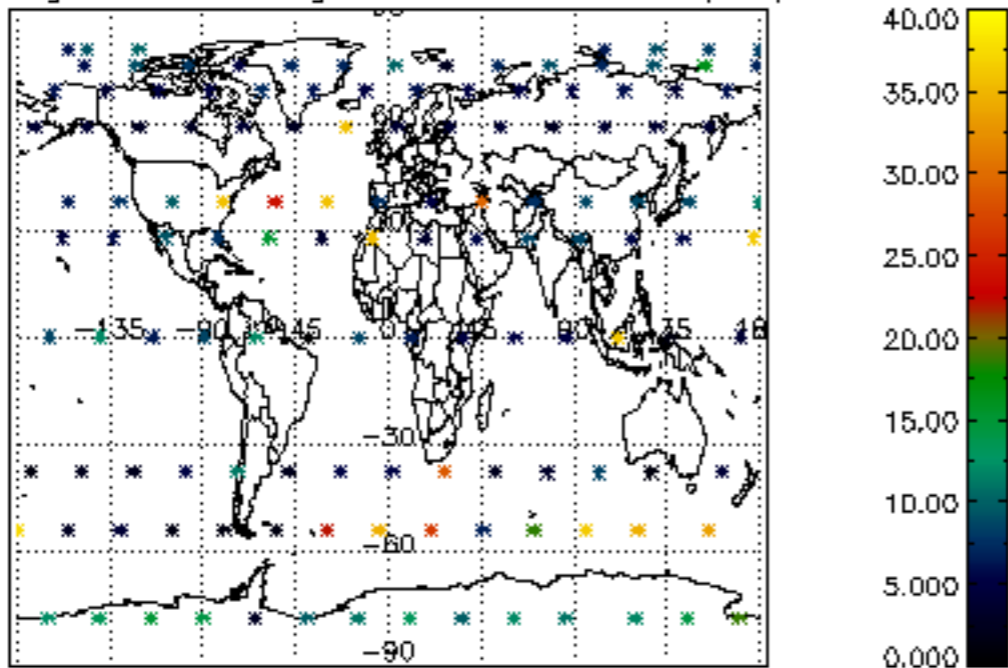
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

