

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	25APR2013 17:41:55
Data source version	GOMOS/6.01
Start time of products	04-03-2009 (04MAR2009 00:00:00)
Stop time of products	05-03-2009 (05MAR2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	212
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__2PRFIN20090304_000207_000000502077_00016_36643_6309.N1	04-MAR-2009 00:02:07	Bright	49.500	32	77Eps UMa	1.7630	11000.	99	36643	No
2	GOM_NL__2PRFIN20090304_000625_000000382077_00016_36643_6310.N1	04-MAR-2009 00:06:25	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	36643	No
3	GOM_NL__2PRFIN20090304_001102_000000452077_00016_36643_6311.N1	04-MAR-2009 00:11:02	Bright	45.000	119	14Eta Dra	2.7270	4700.0	90	36643	No
4	GOM_NL__2PRFIN20090304_001533_000000432077_00016_36643_6312.N1	04-MAR-2009 00:15:33	Bright	43.000	130	23Bet Dra	2.7990	5800.0	86	36643	No
5	GOM_NL__2PRFIN20090304_002050_000000382077_00016_36643_6313.N1	04-MAR-2009 00:20:50	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	36643	No
6	GOM_NL__2PRFIN20090304_004856_000000622077_00016_36643_6314.N1	04-MAR-2009 00:48:56	Dark	61.500	75	26Eps Sco	2.2910	4250.0	123	36643	No
7	GOM_NL__2PRFIN20090304_005452_000000532077_00017_36644_6316.N1	04-MAR-2009 00:54:52	Dark	52.500	131	Gam Lup	2.8000	26000.	105	36644	No
8	GOM_NL__2PRFIN20090304_005746_000000482077_00017_36644_6317.N1	04-MAR-2009 00:57:46	Dark	48.000	78	Alp Lup	2.3040	28000.	96	36644	No
9	GOM_NL__2PRFIN20090304_010016_000000482077_00017_36644_6318.N1	04-MAR-2009 01:00:16	Dark	48.000	95	Zet Cen	2.5450	26000.	96	36644	No
10	GOM_NL__2PRFIN20090304_010207_000000662077_00017_36644_6319.N1	04-MAR-2009 01:02:07	Dark	66.000	54	5The Cen	2.0550	4500.0	132	36644	No
11	GOM_NL__2PRFIN20090304_010442_000000562077_00017_36644_6320.N1	04-MAR-2009 01:04:42	Straylight	56.000	123	Iot Cen	2.7500	10200.	112	36644	No
12	GOM_NL__2PRFIN20090304_011225_000000552077_00017_36644_6321.N1	04-MAR-2009 01:12:25	Straylight	55.000	171	2Eps Crv	3.0010	4250.0	110	36644	No
13	GOM_NL__2PRFIN20090304_012827_000000502077_00017_36644_6322.N1	04-MAR-2009 01:28:27	Bright	49.500	96	68Del Leo	2.5600	9300.0	99	36644	No
14	GOM_NL__2PRFIN20090304_013533_000000432077_00017_36644_6323.N1	04-MAR-2009 01:35:33	Bright	43.000	174	52Psi UMa	3.0040	4400.0	86	36644	No
15	GOM_NL__2PRFIN20090304_013825_000000392077_00017_36644_6324.N1	04-MAR-2009 01:38:25	Bright	38.500	82	48Bet UMa	2.3650	10600.	77	36644	No
16	GOM_NL__2PRFIN20090304_014242_000000502077_00017_36644_6325.N1	04-MAR-2009 01:42:42	Bright	50.000	32	77Eps UMa	1.7630	11000.	100	36644	No
17	GOM_NL__2PRFIN20090304_014700_000000382077_00017_36644_6326.N1	04-MAR-2009 01:47:00	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	36644	No
18	GOM_NL__2PRFIN20090304_015137_000000452077_00017_36644_6327.N1	04-MAR-2009 01:51:37	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	36644	No
19	GOM_NL__2PRFIN20090304_015608_000000422077_00017_36644_6328.N1	04-MAR-2009 01:56:08	Bright	41.500	130	23Bet Dra	2.7990	5800.0	83	36644	No
20	GOM_NL__2PRFIN20090304_020126_000000372077_00017_36644_6329.N1	04-MAR-2009 02:01:26	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	36644	No
21	GOM_NL__2PRFIN20090304_022933_000000642077_00017_36644_6330.N1	04-MAR-2009 02:29:33	Dark	64.000	75	26Eps Sco	2.2910	4250.0	128	36644	No
22	GOM_NL__2PRFIN20090304_023529_000000522077_00018_36645_6334.N1	04-MAR-2009 02:35:29	Dark	52.000	131	Gam Lup	2.8000	26000.	104	36645	No
23	GOM_NL__2PRFIN20090304_023823_000000482077_00018_36645_6335.N1	04-MAR-2009 02:38:23	Dark	47.500	78	Alp Lup	2.3040	28000.	95	36645	No
24	GOM_NL__2PRFIN20090304_024053_000000472077_00018_36645_6336.N1	04-MAR-2009 02:40:53	Dark	46.500	95	Zet Cen	2.5450	26000.	93	36645	No
25	GOM_NL__2PRFIN20090304_024245_000000672077_00018_36645_6337.N1	04-MAR-2009 02:42:45	Dark	67.000	54	5The Cen	2.0550	4500.0	134	36645	No
26	GOM_NL__2PRFIN20090304_024519_000000542077_00018_36645_6338.N1	04-MAR-2009 02:45:19	Straylight	53.500	123	Iot Cen	2.7500	10200.	107	36645	No
27	GOM_NL__2PRFIN20090304_025301_000000572077_00018_36645_6339.N1	04-MAR-2009 02:53:01	Straylight	57.000	171	2Eps Crv	3.0010	4250.0	114	36645	No
28	GOM_NL__2PRFIN20090304_030902_000000502077_00018_36645_6340.N1	04-MAR-2009 03:09:02	Bright	49.500	96	68Del Leo	2.5600	9300.0	99	36645	No
29	GOM_NL__2PRFIN20090304_031609_000000432077_00018_36645_6341.N1	04-MAR-2009 03:16:09	Bright	43.000	174	52Psi UMa	3.0040	4400.0	86	36645	No
30	GOM_NL__2PRFIN20090304_031900_000000412077_00018_36645_6342.N1	04-MAR-2009 03:19:00	Bright	41.000	82	48Bet UMa	2.3650	10600.	82	36645	No
31	GOM_NL__2PRFIN20090304_032317_000000512077_00018_36645_6343.N1	04-MAR-2009 03:23:17	Bright	50.500	32	77Eps UMa	1.7630	11000.	101	36645	No
32	GOM_NL__2PRFIN20090304_032736_000000392077_00018_36645_6344.N1	04-MAR-2009 03:27:36	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	36645	No
33	GOM_NL__2PRFIN20090304_033212_000000442077_00018_36645_6345.N1	04-MAR-2009 03:32:12	Bright	44.000	119	14Eta Dra	2.7270	4700.0	88	36645	No
34	GOM_NL__2PRFIN20090304_033644_000000422077_00018_36645_6346.N1	04-MAR-2009 03:36:44	Bright	41.500	130	23Bet Dra	2.7990	5800.0	83	36645	No
35	GOM_NL__2PRFIN20090304_034202_000000372077_00018_36645_6347.N1	04-MAR-2009 03:42:02	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	36645	No
36	GOM_NL__2PRFIN20090304_041010_000000552077_00018_36645_6348.N1	04-MAR-2009 04:10:10	Dark	55.000	75	26Eps Sco	2.2910	4250.0	110	36645	No
37	GOM_NL__2PRFIN20090304_041606_000000532077_00019_36646_6344.N1	04-MAR-2009 04:16:06	Dark	53.000	131	Gam Lup	2.8000	26000.	106	36646	No
38	GOM_NL__2PRFIN20090304_041900_000000482077_00019_36646_6345.N1	04-MAR-2009 04:19:00	Dark	48.000	78	Alp Lup	2.3040	28000.	96	36646	No
39	GOM_NL__2PRFIN20090304_042129_000000472077_00019_36646_6346.N1	04-MAR-2009 04:21:29	Dark	46.500	95	Zet Cen	2.5450	26000.	93	36646	No
40	GOM_NL__2PRFIN20090304_042322_000000702077_00019_36646_6347.N1	04-MAR-2009 04:23:22	Dark	69.500	54	5The Cen	2.0550	4500.0	139	36646	No
41	GOM_NL__2PRFIN20090304_042556_000000562077_00019_36646_6348.N1	04-MAR-2009 04:25:56	Straylight	55.500	123	Iot Cen	2.7500	10200.	111	36646	No
42	GOM_NL__2PRFIN20090304_043337_000000602077_00019_36646_6349.N1	04-MAR-2009 04:33:37	Straylight	59.500	171	2Eps Crv	3.0010	4250.0	119	36646	No

43	GOM_NL__2PRFIN20090304_044938_000000502077_00019_36646_6350.N1	04-MAR-2009 04:49:38	Bright	49.500	96	68Del Leo	2.5600	9300.0	99	36646	No
44	GOM_NL__2PRFIN20090304_045644_000000442077_00019_36646_6351.N1	04-MAR-2009 04:56:44	Bright	43.500	174	52Psi UMa	3.0040	4400.0	87	36646	No
45	GOM_NL__2PRFIN20090304_045936_000000592077_00019_36646_6352.N1	04-MAR-2009 04:59:36	Bright	59.000	82	48Bet UMa	2.3650	10600.	118	36646	No
46	GOM_NL__2PRFIN20090304_050353_000000512077_00019_36646_6353.N1	04-MAR-2009 05:03:53	Bright	50.500	32	77Eps UMa	1.7630	11000.	101	36646	No
47	GOM_NL__2PRFIN20090304_050812_000000592077_00019_36646_6354.N1	04-MAR-2009 05:08:12	Bright	58.500	60	7Bet UMi	2.0810	3950.0	117	36646	No
48	GOM_NL__2PRFIN20090304_051248_000000442077_00019_36646_6355.N1	04-MAR-2009 05:12:48	Bright	44.000	119	14Eta Dra	2.7270	4700.0	88	36646	No
49	GOM_NL__2PRFIN20090304_051720_000000412077_00019_36646_6356.N1	04-MAR-2009 05:17:20	Bright	41.000	130	23Bet Dra	2.7990	5800.0	82	36646	No
50	GOM_NL__2PRFIN20090304_052238_000000382077_00019_36646_6357.N1	04-MAR-2009 05:22:38	Bright	37.500	5	3Alp Lyr	0.033000	11000.	75	36646	No
51	GOM_NL__2PRFIN20090304_055048_000000582077_00019_36646_6358.N1	04-MAR-2009 05:50:48	Dark	58.000	75	26Eps Sco	2.2910	4250.0	116	36646	No
52	GOM_NL__2PRFIN20090304_055643_000000532077_00020_36647_6369.N1	04-MAR-2009 05:56:43	Dark	52.500	131	Gam Lup	2.8000	26000.	105	36647	No
53	GOM_NL__2PRFIN20090304_055937_000000492077_00020_36647_6370.N1	04-MAR-2009 05:59:37	Dark	48.500	78	Alp Lup	2.3040	28000.	97	36647	No
54	GOM_NL__2PRFIN20090304_060206_000000482077_00020_36647_6371.N1	04-MAR-2009 06:02:06	Dark	48.000	95	Zet Cen	2.5450	26000.	96	36647	No
55	GOM_NL__2PRFIN20090304_060633_000000562077_00020_36647_6372.N1	04-MAR-2009 06:06:33	Straylight	56.000	123	lot Cen	2.7500	10200.	112	36647	No
56	GOM_NL__2PRFIN20090304_061414_000000582077_00020_36647_6373.N1	04-MAR-2009 06:14:14	Straylight	57.500	171	2Eps Crv	3.0010	4250.0	115	36647	No
57	GOM_NL__2PRFIN20090304_063013_000000492077_00020_36647_6374.N1	04-MAR-2009 06:30:13	Bright	49.000	96	68Del Leo	2.5600	9300.0	98	36647	No
58	GOM_NL__2PRFIN20090304_063719_000000452077_00020_36647_6375.N1	04-MAR-2009 06:37:19	Bright	44.500	174	52Psi UMa	3.0040	4400.0	89	36647	No
59	GOM_NL__2PRFIN20090304_064012_000000412077_00020_36647_6376.N1	04-MAR-2009 06:40:12	Bright	40.500	82	48Bet UMa	2.3650	10600.	81	36647	No
60	GOM_NL__2PRFIN20090304_064428_000000502077_00020_36647_6377.N1	04-MAR-2009 06:44:28	Bright	49.500	32	77Eps UMa	1.7630	11000.	99	36647	No
61	GOM_NL__2PRFIN20090304_064847_000000392077_00020_36647_6378.N1	04-MAR-2009 06:48:47	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	36647	No
62	GOM_NL__2PRFIN20090304_065323_000000432077_00020_36647_6379.N1	04-MAR-2009 06:53:23	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	36647	No
63	GOM_NL__2PRFIN20090304_065755_000000402077_00020_36647_6380.N1	04-MAR-2009 06:57:55	Bright	40.000	130	23Bet Dra	2.7990	5800.0	80	36647	No
64	GOM_NL__2PRFIN20090304_070314_000000362077_00020_36647_6381.N1	04-MAR-2009 07:03:14	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	36647	No
65	GOM_NL__2PRFIN20090304_073125_000000532077_00020_36647_6382.N1	04-MAR-2009 07:31:25	Dark	53.000	75	26Eps Sco	2.2910	4250.0	106	36647	No
66	GOM_NL__2PRFIN20090304_073720_000000512077_00021_36648_6384.N1	04-MAR-2009 07:37:20	Dark	50.500	131	Gam Lup	2.8000	26000.	101	36648	No
67	GOM_NL__2PRFIN20090304_074014_000000492077_00021_36648_6385.N1	04-MAR-2009 07:40:14	Dark	48.500	78	Alp Lup	2.3040	28000.	97	36648	No
68	GOM_NL__2PRFIN20090304_074243_000000502077_00021_36648_6386.N1	04-MAR-2009 07:42:43	Dark	49.500	95	Zet Cen	2.5450	26000.	99	36648	No
69	GOM_NL__2PRFIN20090304_074436_000000602077_00021_36648_6387.N1	04-MAR-2009 07:44:36	Dark	59.500	54	5The Cen	2.0550	4500.0	119	36648	No
70	GOM_NL__2PRFIN20090304_074709_000000542077_00021_36648_6388.N1	04-MAR-2009 07:47:09	Straylight	53.500	123	lot Cen	2.7500	10200.	107	36648	No
71	GOM_NL__2PRFIN20090304_075450_000000512077_00021_36648_6389.N1	04-MAR-2009 07:54:50	Straylight	51.000	171	2Eps Crv	3.0010	4250.0	102	36648	No
72	GOM_NL__2PRFIN20090304_081049_000000482077_00021_36648_6390.N1	04-MAR-2009 08:10:49	Bright	48.000	96	68Del Leo	2.5600	9300.0	96	36648	No
73	GOM_NL__2PRFIN20090304_081755_000000422077_00021_36648_6391.N1	04-MAR-2009 08:17:55	Bright	41.500	174	52Psi UMa	3.0040	4400.0	83	36648	No
74	GOM_NL__2PRFIN20090304_082047_000000392077_00021_36648_6392.N1	04-MAR-2009 08:20:47	Bright	39.000	82	48Bet UMa	2.3650	10600.	78	36648	No
75	GOM_NL__2PRFIN20090304_082503_000000522077_00021_36648_6393.N1	04-MAR-2009 08:25:03	Bright	52.000	32	77Eps UMa	1.7630	11000.	104	36648	No
76	GOM_NL__2PRFIN20090304_082923_000000382077_00021_36648_6394.N1	04-MAR-2009 08:29:23	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	36648	No
77	GOM_NL__2PRFIN20090304_083359_000000432077_00021_36648_6395.N1	04-MAR-2009 08:33:59	Bright	43.000	119	14Eta Dra	2.7270	4700.0	86	36648	No
78	GOM_NL__2PRFIN20090304_083831_000000402077_00021_36648_6396.N1	04-MAR-2009 08:38:31	Bright	40.000	130	23Bet Dra	2.7990	5800.0	80	36648	No
79	GOM_NL__2PRFIN20090304_084350_000000362077_00021_36648_6397.N1	04-MAR-2009 08:43:50	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	36648	No
80	GOM_NL__2PRFIN20090304_091203_000000542077_00022_36649_6401.N1	04-MAR-2009 09:12:03	Dark	54.000	75	26Eps Sco	2.2910	4250.0	108	36649	No
81	GOM_NL__2PRFIN20090304_091757_000000502077_00022_36649_6402.N1	04-MAR-2009 09:17:57	Dark	49.500	131	Gam Lup	2.8000	26000.	99	36649	No
82	GOM_NL__2PRFIN20090304_092051_000000492077_00022_36649_6403.N1	04-MAR-2009 09:20:51	Dark	48.500	78	Alp Lup	2.3040	28000.	97	36649	No
83	GOM_NL__2PRFIN20090304_092320_000000482077_00022_36649_6404.N1	04-MAR-2009 09:23:20	Dark	47.500	95	Zet Cen	2.5450	26000.	95	36649	No
84	GOM_NL__2PRFIN20090304_092513_000000632077_00022_36649_6405.N1	04-MAR-2009 09:25:13	Dark	62.500	54	5The Cen	2.0550	4500.0	125	36649	No
85	GOM_NL__2PRFIN20090304_092746_000000552077_00022_36649_6406.N1	04-MAR-2009 09:27:46	Straylight	55.000	123	lot Cen	2.7500	10200.	110	36649	No
86	GOM_NL__2PRFIN20090304_093526_000000522077_00022_36649_6407.N1	04-MAR-2009 09:35:26	Straylight	51.500	171	2Eps Crv	3.0010	4250.0	103	36649	No
87	GOM_NL__2PRFIN20090304_095124_000000472077_00022_36649_6408.N1	04-MAR-2009 09:51:24	Bright	47.000	96	68Del Leo	2.5600	9300.0	94	36649	No
88	GOM_NL__2PRFIN20090304_095830_000000442077_00022_36649_6409.N1	04-MAR-2009 09:58:30	Bright	44.000	174	52Psi UMa	3.0040	4400.0	88	36649	No
89	GOM_NL__2PRFIN20090304_100123_000000412077_00022_36649_6410.N1	04-MAR-2009 10:01:23	Bright	41.000	82	48Bet UMa	2.3650	10600.	82	36649	No
90	GOM_NL__2PRFIN20090304_100538_000000522077_00022_36649_6411.N1	04-MAR-2009 10:05:38	Bright	51.500	32	77Eps UMa	1.7630	11000.	103	36649	No
91	GOM_NL__2PRFIN20090304_100958_000000392077_00022_36649_6412.N1	04-MAR-2009 10:09:58	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	36649	No
92	GOM_NL__2PRFIN20090304_101434_000000412077_00022_36649_6413.N1	04-MAR-2009 10:14:34	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	36649	No
93	GOM_NL__2PRFIN20090304_101906_000000402077_00022_36649_6414.N1	04-MAR-2009 10:19:06	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	36649	No
94	GOM_NL__2PRFIN20090304_102426_000000352077_00022_36649_6415.N1	04-MAR-2009 10:24:26	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	36649	No
95	GOM_NL__2PRFIN20090304_105239_000000542077_00022_36649_6436.N1	04-MAR-2009 10:52:39	Dark	53.500	75	26Eps Sco	2.2910	4250.0	107	36649	No
96	GOM_NL__2PRFIN20090304_105834_000000522077_00023_36650_6437.N1	04-MAR-2009 10:58:34	Dark	51.500	131	Gam Lup	2.8000	26000.	103	36650	No
97	GOM_NL__2PRFIN20090304_110127_000000482077_00023_36650_6438.N1	04-MAR-2009 11:01:27	Dark	48.000	78	Alp Lup	2.3040	28000.	96	36650	No
98	GOM_NL__2PRFIN20090304_110356_000000472077_00023_36650_6439.N1	04-MAR-2009 11:03:56	Dark	47.000	95	Zet Cen	2.5450	26000.	94	36650	No
99	GOM_NL__2PRFIN20090304_110550_000000642077_00023_36650_6440.N1	04-MAR-2009 11:05:50	Dark	64.000	54	5The Cen	2.0550	4500.0	128	36650	No
100	GOM_NL__2PRFIN20090304_110823_000000542077_00023_36650_6441.N1	04-MAR-2009 11:08:23	Straylight	54.000	123	lot Cen	2.7500	10200.	108	36650	No
101	GOM_NL__2PRFIN20090304_111602_000000512077_00023_36650_6442.N1	04-MAR-2009 11:16:02	Straylight	50.500	171	2Eps Crv	3.0010	4250.0	101	36650	No

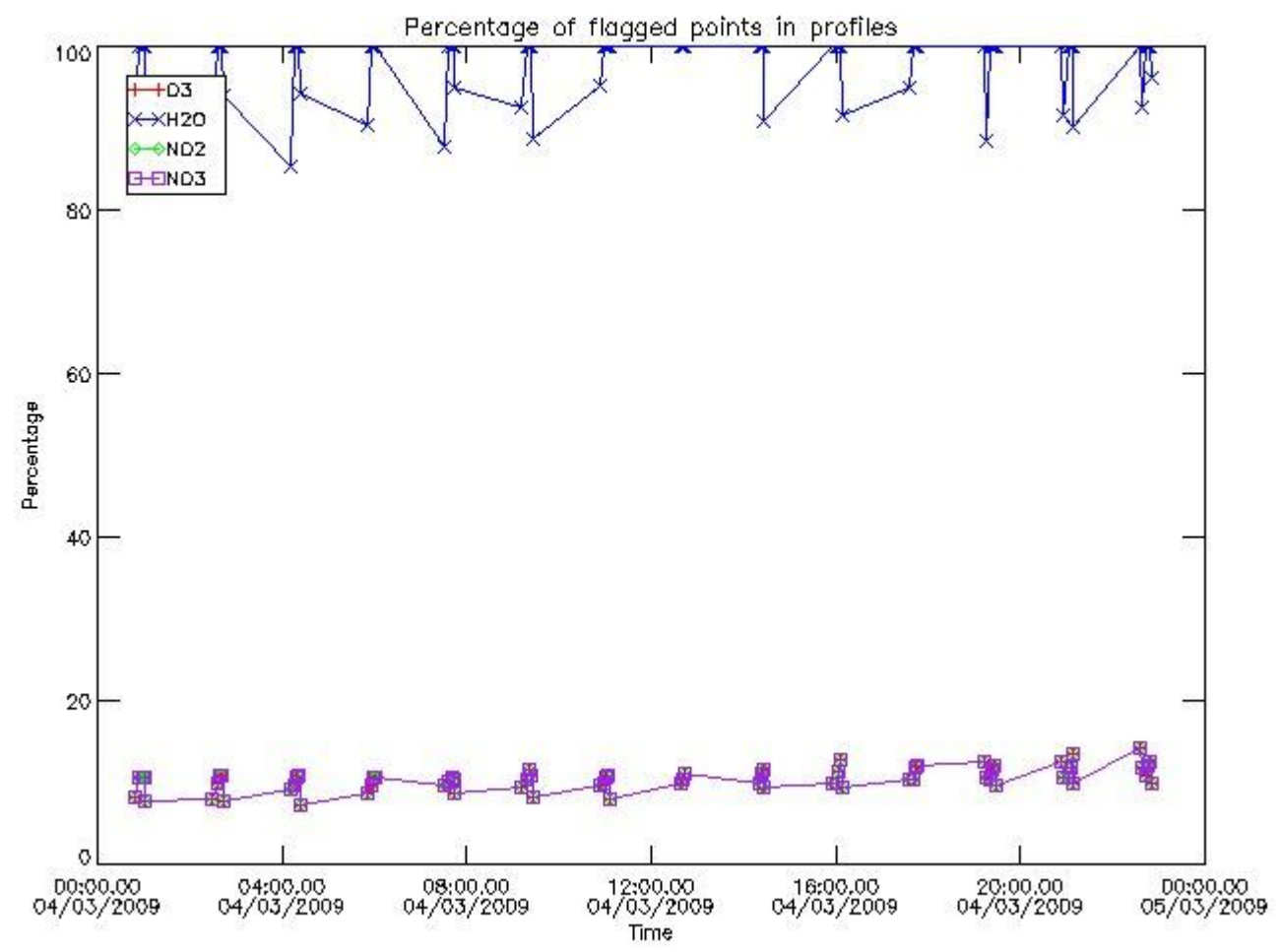
102	GOM_NL__2PRFIN20090304_113159_000000472077_00023_36650_6443.N1	04-MAR-2009 11:31:59	Bright	47.000	96	68Del Leo	2.5600	9300.0	94	36650	No
103	GOM_NL__2PRFIN20090304_113905_000000642077_00023_36650_6444.N1	04-MAR-2009 11:39:05	Bright	64.000	174	52Psi UMa	3.0040	4400.0	128	36650	No
104	GOM_NL__2PRFIN20090304_114158_000000562077_00023_36650_6445.N1	04-MAR-2009 11:41:58	Bright	55.500	82	48Bet UMa	2.3650	10600.	111	36650	No
105	GOM_NL__2PRFIN20090304_114613_000000502077_00023_36650_6446.N1	04-MAR-2009 11:46:13	Bright	49.500	32	77Eps UMa	1.7630	11000.	99	36650	No
106	GOM_NL__2PRFIN20090304_115034_000000402077_00023_36650_6447.N1	04-MAR-2009 11:50:34	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	36650	No
107	GOM_NL__2PRFIN20090304_115510_000000422077_00023_36650_6448.N1	04-MAR-2009 11:55:10	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	36650	No
108	GOM_NL__2PRFIN20090304_115942_000000402077_00023_36650_6449.N1	04-MAR-2009 11:59:42	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	36650	No
109	GOM_NL__2PRFIN20090304_120502_000000362077_00023_36650_6450.N1	04-MAR-2009 12:05:02	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	36650	No
110	GOM_NL__2PRFIN20090304_123912_000000512077_00024_36651_6450.N1	04-MAR-2009 12:39:12	Dark	51.000	131	Gam Lup	2.8000	26000.	102	36651	No
111	GOM_NL__2PRFIN20090304_124204_000000492077_00024_36651_6451.N1	04-MAR-2009 12:42:04	Dark	49.000	78	Alp Lup	2.3040	28000.	98	36651	No
112	GOM_NL__2PRFIN20090304_124433_000000462077_00024_36651_6452.N1	04-MAR-2009 12:44:33	Dark	45.500	95	Zet Cen	2.5450	26000.	91	36651	No
113	GOM_NL__2PRFIN20090304_124859_000000542077_00024_36651_6453.N1	04-MAR-2009 12:48:59	Straylight	53.500	123	Iot Cen	2.7500	10200.	107	36651	No
114	GOM_NL__2PRFIN20090304_125638_000000512077_00024_36651_6454.N1	04-MAR-2009 12:56:38	Straylight	50.500	171	2Eps Crv	3.0010	4250.0	101	36651	No
115	GOM_NL__2PRFIN20090304_131234_000000492077_00024_36651_6455.N1	04-MAR-2009 13:12:34	Bright	49.000	96	68Del Leo	2.5600	9300.0	98	36651	No
116	GOM_NL__2PRFIN20090304_131941_000000422077_00024_36651_6456.N1	04-MAR-2009 13:19:41	Bright	41.500	174	52Psi UMa	3.0040	4400.0	83	36651	No
117	GOM_NL__2PRFIN20090304_132233_000000412077_00024_36651_6457.N1	04-MAR-2009 13:22:33	Bright	40.500	82	48Bet UMa	2.3650	10600.	81	36651	No
118	GOM_NL__2PRFIN20090304_132648_000000482077_00024_36651_6458.N1	04-MAR-2009 13:26:48	Bright	48.000	32	77Eps UMa	1.7630	11000.	96	36651	No
119	GOM_NL__2PRFIN20090304_133109_000000362077_00024_36651_6459.N1	04-MAR-2009 13:31:09	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	36651	No
120	GOM_NL__2PRFIN20090304_133545_000000402077_00024_36651_6460.N1	04-MAR-2009 13:35:45	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	36651	No
121	GOM_NL__2PRFIN20090304_134018_000000392077_00024_36651_6461.N1	04-MAR-2009 13:40:18	Bright	39.000	130	23Bet Dra	2.7990	5800.0	78	36651	No
122	GOM_NL__2PRFIN20090304_134538_000000352077_00024_36651_6462.N1	04-MAR-2009 13:45:38	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	36651	No
123	GOM_NL__2PRFIN20090304_141949_000000522077_00025_36652_6464.N1	04-MAR-2009 14:19:49	Dark	51.500	131	Gam Lup	2.8000	26000.	103	36652	No
124	GOM_NL__2PRFIN20090304_142241_000000462077_00025_36652_6465.N1	04-MAR-2009 14:22:41	Dark	46.000	78	Alp Lup	2.3040	28000.	92	36652	No
125	GOM_NL__2PRFIN20090304_142510_000000452077_00025_36652_6466.N1	04-MAR-2009 14:25:10	Dark	44.500	95	Zet Cen	2.5450	26000.	89	36652	No
126	GOM_NL__2PRFIN20090304_142704_000000552077_00025_36652_6467.N1	04-MAR-2009 14:27:04	Dark	54.500	54	5The Cen	2.0550	4500.0	109	36652	No
127	GOM_NL__2PRFIN20090304_142936_000000492077_00025_36652_6468.N1	04-MAR-2009 14:29:36	Straylight	48.500	123	Iot Cen	2.7500	10200.	97	36652	No
128	GOM_NL__2PRFIN20090304_143714_000000472077_00025_36652_6469.N1	04-MAR-2009 14:37:14	Straylight	47.000	171	2Eps Crv	3.0010	4250.0	94	36652	No
129	GOM_NL__2PRFIN20090304_145309_000000472077_00025_36652_6470.N1	04-MAR-2009 14:53:09	Bright	47.000	96	68Del Leo	2.5600	9300.0	94	36652	No
130	GOM_NL__2PRFIN20090304_150016_000000442077_00025_36652_6471.N1	04-MAR-2009 15:00:16	Bright	43.500	174	52Psi UMa	3.0040	4400.0	87	36652	No
131	GOM_NL__2PRFIN20090304_150309_000000392077_00025_36652_6472.N1	04-MAR-2009 15:03:09	Bright	38.500	82	48Bet UMa	2.3650	10600.	77	36652	No
132	GOM_NL__2PRFIN20090304_150723_000000462077_00025_36652_6473.N1	04-MAR-2009 15:07:23	Bright	45.500	32	77Eps UMa	1.7630	11000.	91	36652	No
133	GOM_NL__2PRFIN20090304_151145_000000352077_00025_36652_6474.N1	04-MAR-2009 15:11:45	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	36652	No
134	GOM_NL__2PRFIN20090304_151621_000000392077_00025_36652_6475.N1	04-MAR-2009 15:16:21	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	36652	No
135	GOM_NL__2PRFIN20090304_152053_000000372077_00025_36652_6476.N1	04-MAR-2009 15:20:53	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	36652	No
136	GOM_NL__2PRFIN20090304_152614_000000342077_00025_36652_6477.N1	04-MAR-2009 15:26:14	Bright	33.500	5	3Alp Lyr	0.033000	11000.	67	36652	No
137	GOM_NL__2PRFIN20090304_155431_000000522077_00026_36653_6483.N1	04-MAR-2009 15:54:31	Dark	51.500	75	26Eps Sco	2.2910	4250.0	103	36653	No
138	GOM_NL__2PRFIN20090304_160026_000000512077_00026_36653_6484.N1	04-MAR-2009 16:00:26	Dark	51.000	131	Gam Lup	2.8000	26000.	102	36653	No
139	GOM_NL__2PRFIN20090304_160319_000000452077_00026_36653_6485.N1	04-MAR-2009 16:03:19	Dark	45.000	78	Alp Lup	2.3040	28000.	90	36653	No
140	GOM_NL__2PRFIN20090304_160547_000000442077_00026_36653_6486.N1	04-MAR-2009 16:05:47	Dark	44.000	95	Zet Cen	2.5450	26000.	88	36653	No
141	GOM_NL__2PRFIN20090304_160741_000000542077_00026_36653_6487.N1	04-MAR-2009 16:07:41	Dark	54.000	54	5The Cen	2.0550	4500.0	108	36653	No
142	GOM_NL__2PRFIN20090304_161013_000000492077_00026_36653_6488.N1	04-MAR-2009 16:10:13	Straylight	48.500	123	Iot Cen	2.7500	10200.	97	36653	No
143	GOM_NL__2PRFIN20090304_161751_000000472077_00026_36653_6489.N1	04-MAR-2009 16:17:51	Straylight	47.000	171	2Eps Crv	3.0010	4250.0	94	36653	No
144	GOM_NL__2PRFIN20090304_163345_000000532077_00026_36653_6490.N1	04-MAR-2009 16:33:45	Bright	52.500	96	68Del Leo	2.5600	9300.0	105	36653	No
145	GOM_NL__2PRFIN20090304_164051_000000442077_00026_36653_6491.N1	04-MAR-2009 16:40:51	Bright	43.500	174	52Psi UMa	3.0040	4400.0	87	36653	No
146	GOM_NL__2PRFIN20090304_164345_000000392077_00026_36653_6492.N1	04-MAR-2009 16:43:45	Bright	39.000	82	48Bet UMa	2.3650	10600.	78	36653	No
147	GOM_NL__2PRFIN20090304_164758_000000452077_00026_36653_6493.N1	04-MAR-2009 16:47:58	Bright	45.000	32	77Eps UMa	1.7630	11000.	90	36653	No
148	GOM_NL__2PRFIN20090304_165221_000000352077_00026_36653_6494.N1	04-MAR-2009 16:52:21	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	36653	No
149	GOM_NL__2PRFIN20090304_165656_000000392077_00026_36653_6495.N1	04-MAR-2009 16:56:56	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	36653	No
150	GOM_NL__2PRFIN20090304_170129_000000372077_00026_36653_6496.N1	04-MAR-2009 17:01:29	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	36653	No
151	GOM_NL__2PRFIN20090304_170649_000000332077_00026_36653_6497.N1	04-MAR-2009 17:06:49	Bright	33.000	5	3Alp Lyr	0.033000	11000.	66	36653	No
152	GOM_NL__2PRFIN20090304_173508_000000492077_00027_36654_6499.N1	04-MAR-2009 17:35:08	Dark	49.000	75	26Eps Sco	2.2910	4250.0	98	36654	No
153	GOM_NL__2PRFIN20090304_174103_000000492077_00027_36654_6500.N1	04-MAR-2009 17:41:03	Dark	49.000	131	Gam Lup	2.8000	26000.	98	36654	No
154	GOM_NL__2PRFIN20090304_174355_000000442077_00027_36654_6501.N1	04-MAR-2009 17:43:55	Dark	43.500	78	Alp Lup	2.3040	28000.	87	36654	No
155	GOM_NL__2PRFIN20090304_174623_000000422077_00027_36654_6502.N1	04-MAR-2009 17:46:23	Dark	42.000	95	Zet Cen	2.5450	26000.	84	36654	No
156	GOM_NL__2PRFIN20090304_175827_000000462077_00027_36654_6503.N1	04-MAR-2009 17:58:27	Straylight	46.000	171	2Eps Crv	3.0010	4250.0	92	36654	No
157	GOM_NL__2PRFIN20090304_181420_000000452077_00027_36654_6504.N1	04-MAR-2009 18:14:20	Bright	45.000	96	68Del Leo	2.5600	9300.0	90	36654	No
158	GOM_NL__2PRFIN20090304_182127_000000422077_00027_36654_6505.N1	04-MAR-2009 18:21:27	Bright	41.500	174	52Psi UMa	3.0040	4400.0	83	36654	No
159	GOM_NL__2PRFIN20090304_182420_000000382077_00027_36654_6506.N1	04-MAR-2009 18:24:20	Bright	38.000	82	48Bet UMa	2.3650	10600.	76	36654	No
160	GOM_NL__2PRFIN20090304_182833_000000452077_00027_36654_6507.N1	04-MAR-2009 18:28:33	Bright	44.500	32	77Eps UMa	1.7630	11000.	89	36654	No

161	GOM_NL__2PRFIN20090304_183256_000000352077_00027_36654_6508.N1	04-MAR-2009 18:32:56	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	36654	No
162	GOM_NL__2PRFIN20090304_183732_000000382077_00027_36654_6509.N1	04-MAR-2009 18:37:32	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	36654	No
163	GOM_NL__2PRFIN20090304_184205_000000372077_00027_36654_6510.N1	04-MAR-2009 18:42:05	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	36654	No
164	GOM_NL__2PRFIN20090304_184725_000000332077_00027_36654_6511.N1	04-MAR-2009 18:47:25	Bright	33.000	5	3Alp Lyr	0.033000	11000.	66	36654	No
165	GOM_NL__2PRFIN20090304_191334_000000412077_00027_36654_6512.N1	04-MAR-2009 19:13:34	Dark	40.500	115	34Ups Sco	2.6960	26000.	81	36654	No
166	GOM_NL__2PRFIN20090304_191546_000000482077_00028_36655_6516.N1	04-MAR-2009 19:15:46	Dark	48.000	75	26Eps Sco	2.2910	4250.0	96	36655	No
167	GOM_NL__2PRFIN20090304_192140_000000492077_00028_36655_6517.N1	04-MAR-2009 19:21:40	Dark	49.000	131	Gam Lup	2.8000	26000.	98	36655	No
168	GOM_NL__2PRFIN20090304_192432_000000442077_00028_36655_6518.N1	04-MAR-2009 19:24:32	Dark	44.000	78	Alp Lup	2.3040	28000.	88	36655	No
169	GOM_NL__2PRFIN20090304_192700_000000432077_00028_36655_6519.N1	04-MAR-2009 19:27:00	Dark	42.500	95	Zet Cen	2.5450	26000.	85	36655	No
170	GOM_NL__2PRFIN20090304_192855_000000532077_00028_36655_6520.N1	04-MAR-2009 19:28:55	Dark	52.500	54	5The Cen	2.0550	4500.0	105	36655	No
171	GOM_NL__2PRFIN20090304_193126_000000482077_00028_36655_6521.N1	04-MAR-2009 19:31:26	Straylight	47.500	123	lot Cen	2.7500	10200.	95	36655	No
172	GOM_NL__2PRFIN20090304_193903_000000462077_00028_36655_6522.N1	04-MAR-2009 19:39:03	Straylight	45.500	171	2Eps Crv	3.0010	4250.0	91	36655	No
173	GOM_NL__2PRFIN20090304_195456_000000462077_00028_36655_6523.N1	04-MAR-2009 19:54:56	Bright	45.500	96	68Del Leo	2.5600	9300.0	91	36655	No
174	GOM_NL__2PRFIN20090304_200202_000000422077_00028_36655_6524.N1	04-MAR-2009 20:02:02	Bright	41.500	174	52Psi UMa	3.0040	4400.0	83	36655	No
175	GOM_NL__2PRFIN20090304_200456_000000392077_00028_36655_6525.N1	04-MAR-2009 20:04:56	Bright	38.500	82	48Bet UMa	2.3650	10600.	77	36655	No
176	GOM_NL__2PRFIN20090304_200908_000000442077_00028_36655_6526.N1	04-MAR-2009 20:09:08	Bright	44.000	32	77Eps UMa	1.7630	11000.	88	36655	No
177	GOM_NL__2PRFIN20090304_201332_000000342077_00028_36655_6527.N1	04-MAR-2009 20:13:32	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	36655	No
178	GOM_NL__2PRFIN20090304_201807_000000382077_00028_36655_6528.N1	04-MAR-2009 20:18:07	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	36655	No
179	GOM_NL__2PRFIN20090304_202241_000000362077_00028_36655_6529.N1	04-MAR-2009 20:22:41	Bright	36.000	130	23Bet Dra	2.7990	5800.0	72	36655	No
180	GOM_NL__2PRFIN20090304_202801_000000332077_00028_36655_6530.N1	04-MAR-2009 20:28:01	Bright	33.000	5	3Alp Lyr	0.033000	11000.	66	36655	No
181	GOM_NL__2PRFIN20090304_205410_000000412077_00028_36655_6531.N1	04-MAR-2009 20:54:10	Dark	41.000	115	34Ups Sco	2.6960	26000.	82	36655	No
182	GOM_NL__2PRFIN20090304_205622_000000482077_00029_36656_6535.N1	04-MAR-2009 20:56:22	Dark	48.000	75	26Eps Sco	2.2910	4250.0	96	36656	No
183	GOM_NL__2PRFIN20090304_210218_000000482077_00029_36656_6536.N1	04-MAR-2009 21:02:18	Dark	48.000	131	Gam Lup	2.8000	26000.	96	36656	No
184	GOM_NL__2PRFIN20090304_210508_000000442077_00029_36656_6537.N1	04-MAR-2009 21:05:08	Dark	43.500	78	Alp Lup	2.3040	28000.	87	36656	No
185	GOM_NL__2PRFIN20090304_210737_000000422077_00029_36656_6538.N1	04-MAR-2009 21:07:37	Dark	41.500	95	Zet Cen	2.5450	26000.	83	36656	No
186	GOM_NL__2PRFIN20090304_210932_000000522077_00029_36656_6539.N1	04-MAR-2009 21:09:32	Dark	51.500	54	5The Cen	2.0550	4500.0	103	36656	No
187	GOM_NL__2PRFIN20090304_211203_000000482077_00029_36656_6540.N1	04-MAR-2009 21:12:03	Straylight	47.500	123	lot Cen	2.7500	10200.	95	36656	No
188	GOM_NL__2PRFIN20090304_211940_000000442077_00029_36656_6541.N1	04-MAR-2009 21:19:40	Straylight	44.000	171	2Eps Crv	3.0010	4250.0	88	36656	No
189	GOM_NL__2PRFIN20090304_213531_000000442077_00029_36656_6542.N1	04-MAR-2009 21:35:31	Bright	43.500	96	68Del Leo	2.5600	9300.0	87	36656	No
190	GOM_NL__2PRFIN20090304_214238_000000412077_00029_36656_6543.N1	04-MAR-2009 21:42:38	Bright	41.000	174	52Psi UMa	3.0040	4400.0	82	36656	No
191	GOM_NL__2PRFIN20090304_214531_000000372077_00029_36656_6544.N1	04-MAR-2009 21:45:31	Bright	37.000	82	48Bet UMa	2.3650	10600.	74	36656	No
192	GOM_NL__2PRFIN20090304_214944_000000432077_00029_36656_6545.N1	04-MAR-2009 21:49:44	Bright	43.000	32	77Eps UMa	1.7630	11000.	86	36656	No
193	GOM_NL__2PRFIN20090304_215407_000000342077_00029_36656_6546.N1	04-MAR-2009 21:54:07	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	36656	No
194	GOM_NL__2PRFIN20090304_215843_000000372077_00029_36656_6547.N1	04-MAR-2009 21:58:43	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	36656	No
195	GOM_NL__2PRFIN20090304_220316_000000352077_00029_36656_6548.N1	04-MAR-2009 22:03:16	Bright	35.000	130	23Bet Dra	2.7990	5800.0	70	36656	No
196	GOM_NL__2PRFIN20090304_220837_000000322077_00029_36656_6549.N1	04-MAR-2009 22:08:37	Bright	32.000	5	3Alp Lyr	0.033000	11000.	64	36656	No
197	GOM_NL__2PRFIN20090304_223447_000000402077_00029_36656_6550.N1	04-MAR-2009 22:34:47	Dark	39.500	115	34Ups Sco	2.6960	26000.	79	36656	No
198	GOM_NL__2PRFIN20090304_223659_000000472077_00030_36657_6551.N1	04-MAR-2009 22:36:59	Dark	47.000	75	26Eps Sco	2.2910	4250.0	94	36657	No
199	GOM_NL__2PRFIN20090304_224255_000000472077_00030_36657_6552.N1	04-MAR-2009 22:42:55	Dark	47.000	131	Gam Lup	2.8000	26000.	94	36657	No
200	GOM_NL__2PRFIN20090304_224545_000000432077_00030_36657_6553.N1	04-MAR-2009 22:45:45	Dark	42.500	78	Alp Lup	2.3040	28000.	85	36657	No
201	GOM_NL__2PRFIN20090304_224814_000000412077_00030_36657_6554.N1	04-MAR-2009 22:48:14	Dark	41.000	95	Zet Cen	2.5450	26000.	82	36657	No
202	GOM_NL__2PRFIN20090304_225009_000000512077_00030_36657_6555.N1	04-MAR-2009 22:50:09	Dark	51.000	54	5The Cen	2.0550	4500.0	102	36657	No
203	GOM_NL__2PRFIN20090304_225239_000000462077_00030_36657_6556.N1	04-MAR-2009 22:52:39	Straylight	46.000	123	lot Cen	2.7500	10200.	92	36657	No
204	GOM_NL__2PRFIN20090304_230016_000000442077_00030_36657_6557.N1	04-MAR-2009 23:00:16	Straylight	44.000	171	2Eps Crv	3.0010	4250.0	88	36657	No
205	GOM_NL__2PRFIN20090304_231606_000000442077_00030_36657_6558.N1	04-MAR-2009 23:16:06	Bright	43.500	96	68Del Leo	2.5600	9300.0	87	36657	No
206	GOM_NL__2PRFIN20090304_232313_000000402077_00030_36657_6559.N1	04-MAR-2009 23:23:13	Bright	39.500	174	52Psi UMa	3.0040	4400.0	79	36657	No
207	GOM_NL__2PRFIN20090304_232607_000000372077_00030_36657_6560.N1	04-MAR-2009 23:26:07	Bright	37.000	82	48Bet UMa	2.3650	10600.	74	36657	No
208	GOM_NL__2PRFIN20090304_233019_000000432077_00030_36657_6561.N1	04-MAR-2009 23:30:19	Bright	43.000	32	77Eps UMa	1.7630	11000.	86	36657	No
209	GOM_NL__2PRFIN20090304_233443_000000342077_00030_36657_6562.N1	04-MAR-2009 23:34:43	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	36657	No
210	GOM_NL__2PRFIN20090304_233918_000000372077_00030_36657_6563.N1	04-MAR-2009 23:39:18	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	36657	No
211	GOM_NL__2PRFIN20090304_234351_000000362077_00030_36657_6564.N1	04-MAR-2009 23:43:51	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	36657	No
212	GOM_NL__2PRFIN20090304_234914_000000312077_00030_36657_6565.N1	04-MAR-2009 23:49:14	Bright	31.000	5	3Alp Lyr	0.033000	11000.	62	36657	No

3. Quality information per product

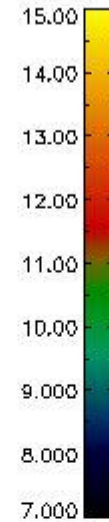
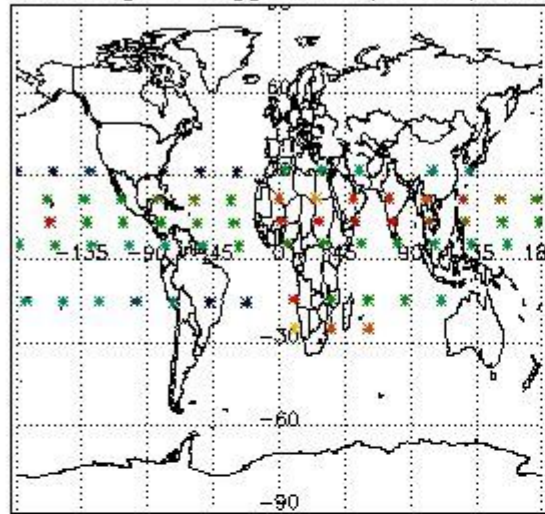
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

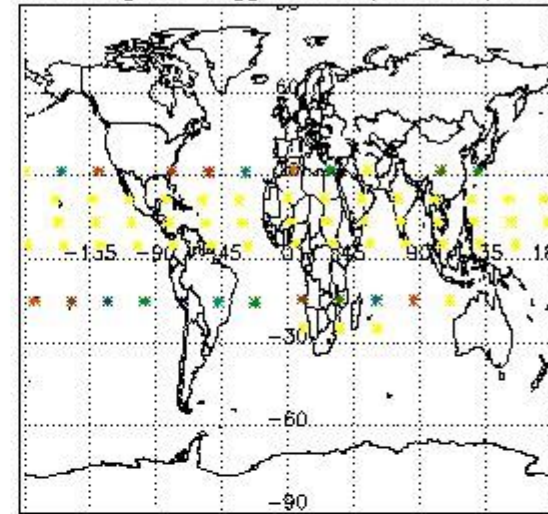


3.2 Plot quality information per product (world map)

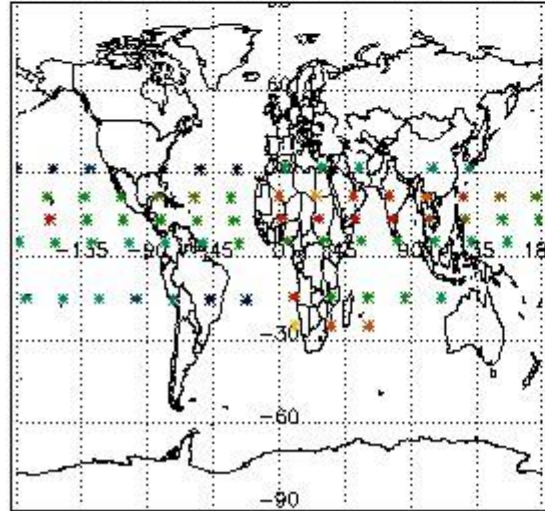
Percentage of flagged data per O3 profile



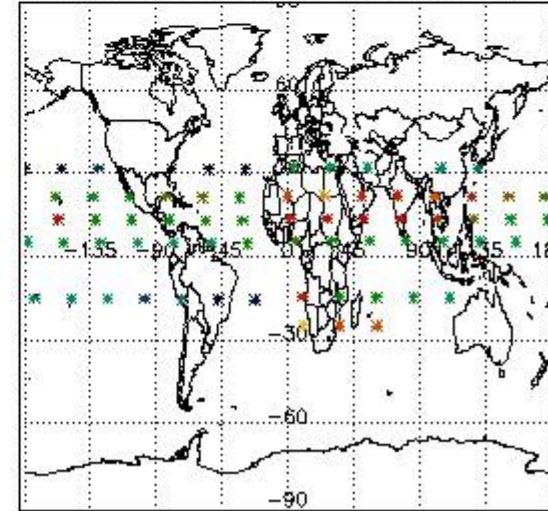
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

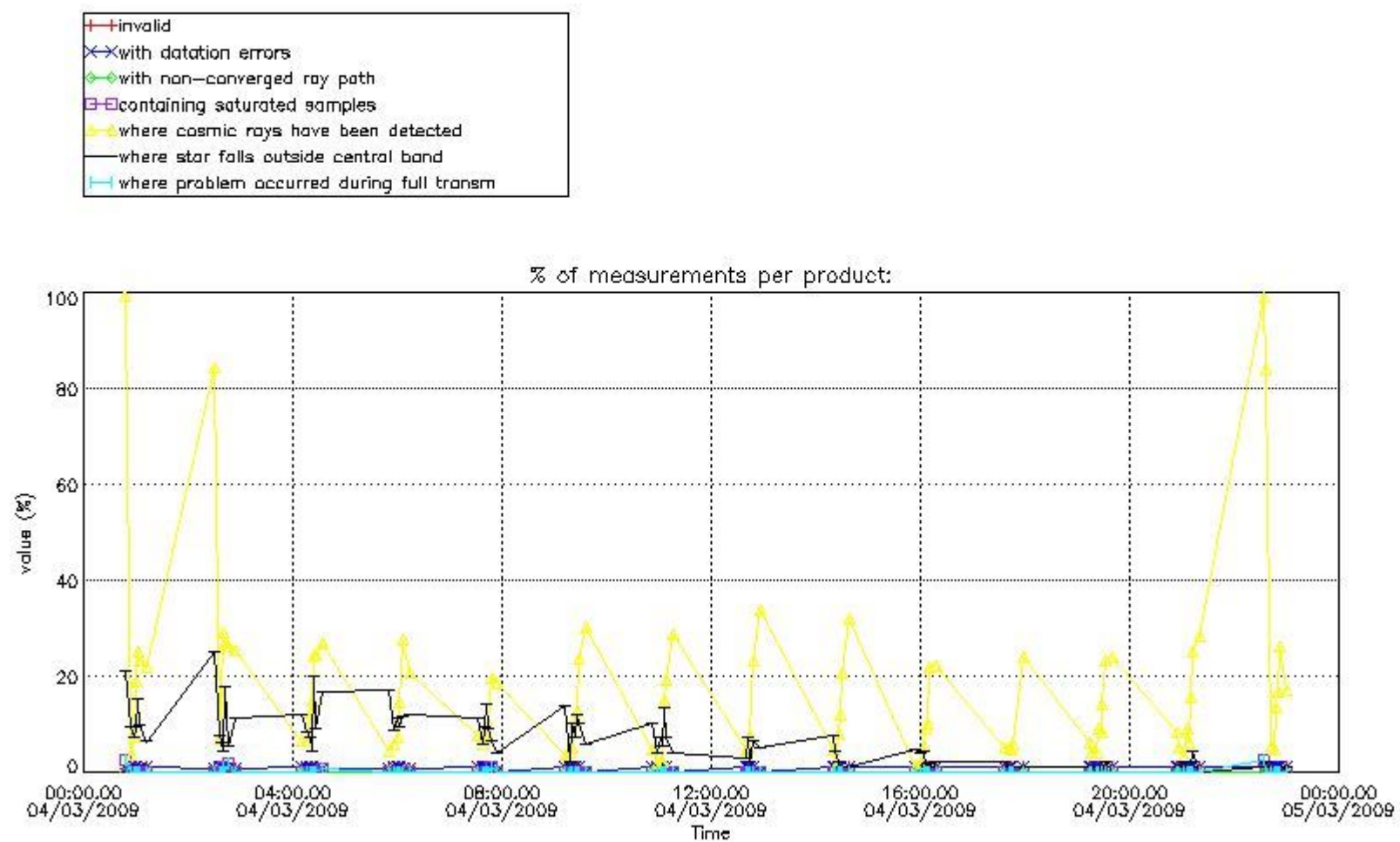


4. Level 1 quality information per product

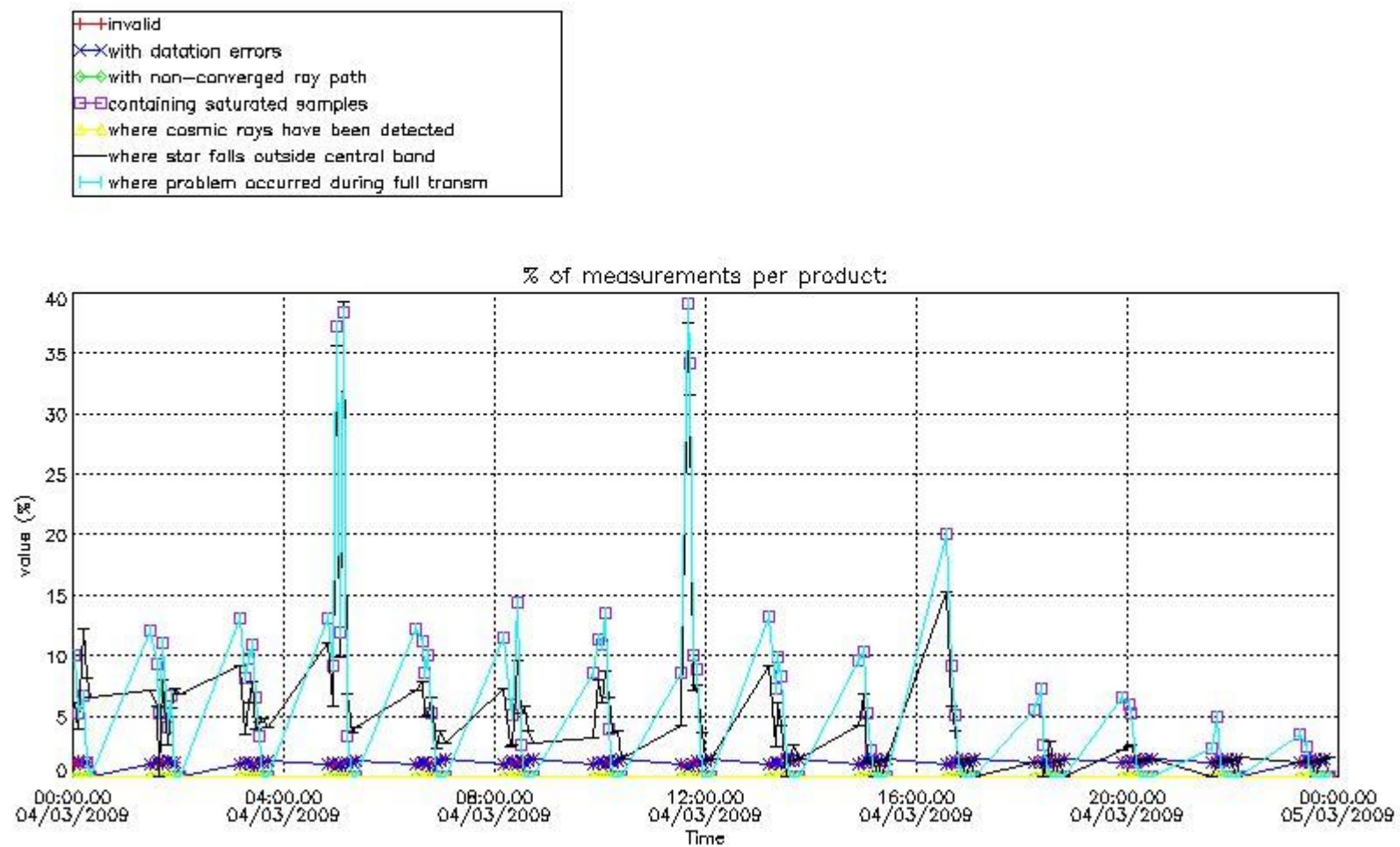
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

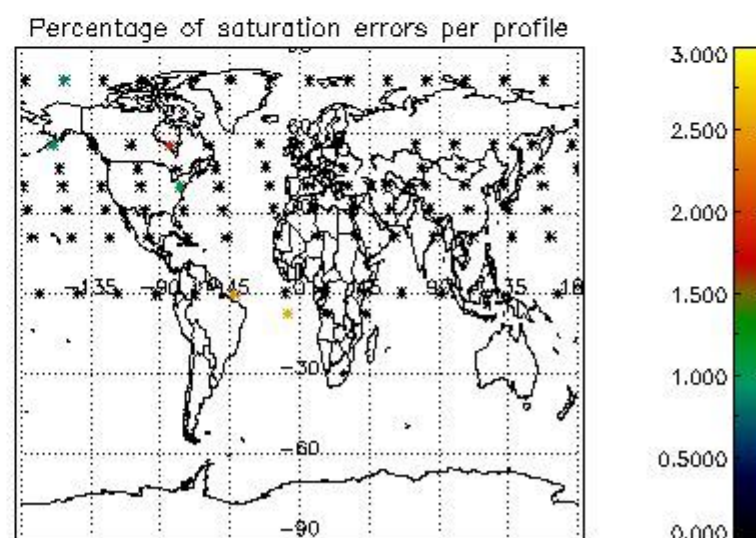
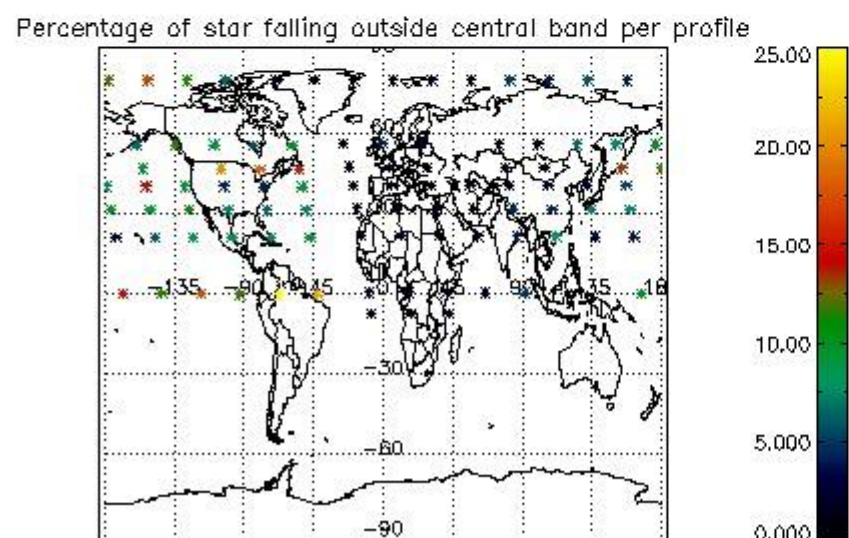
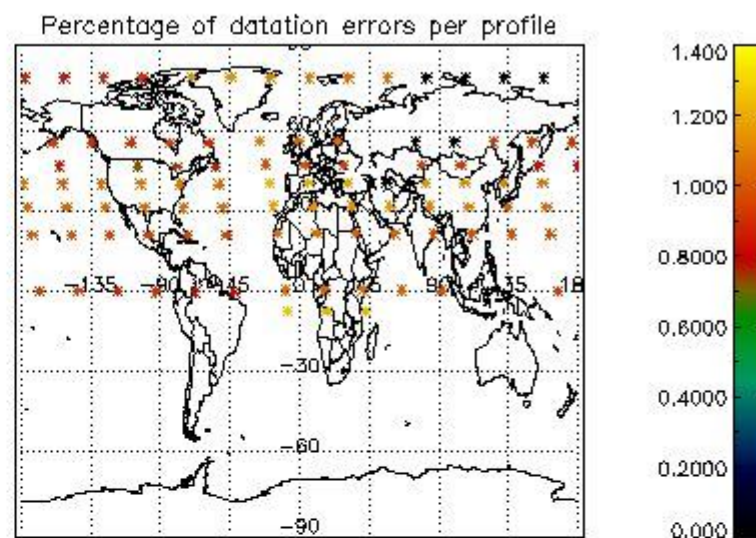
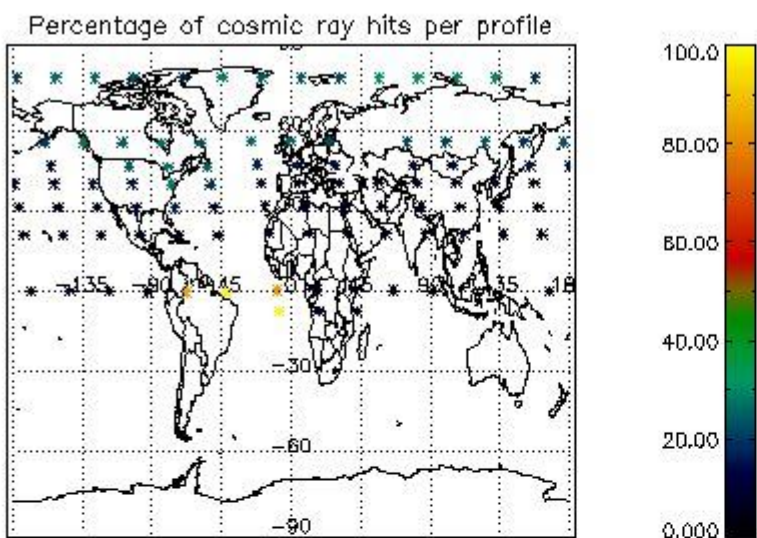


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

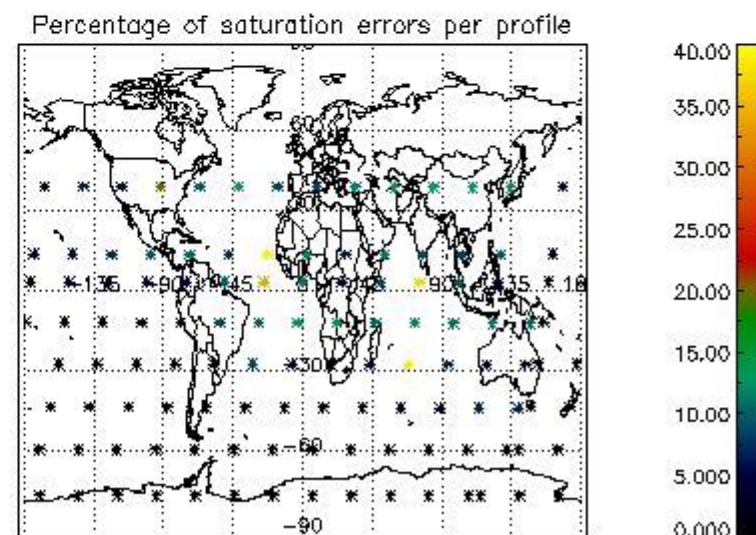
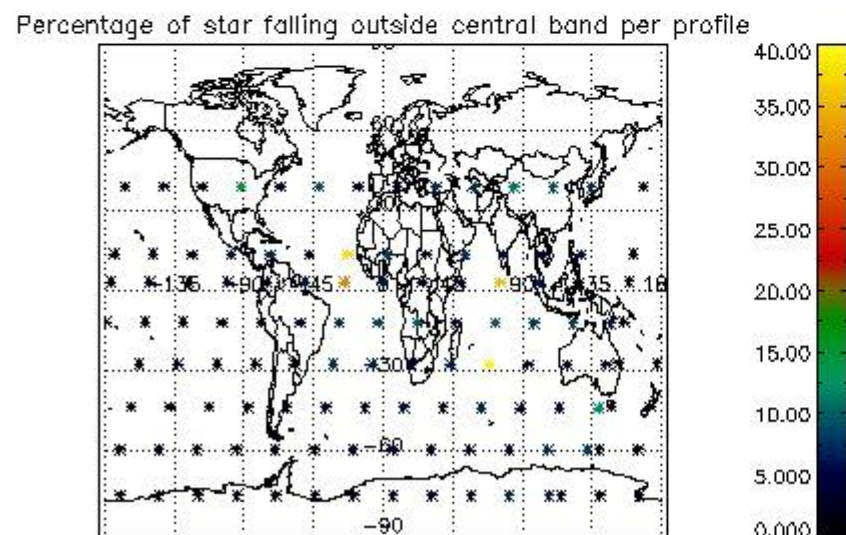
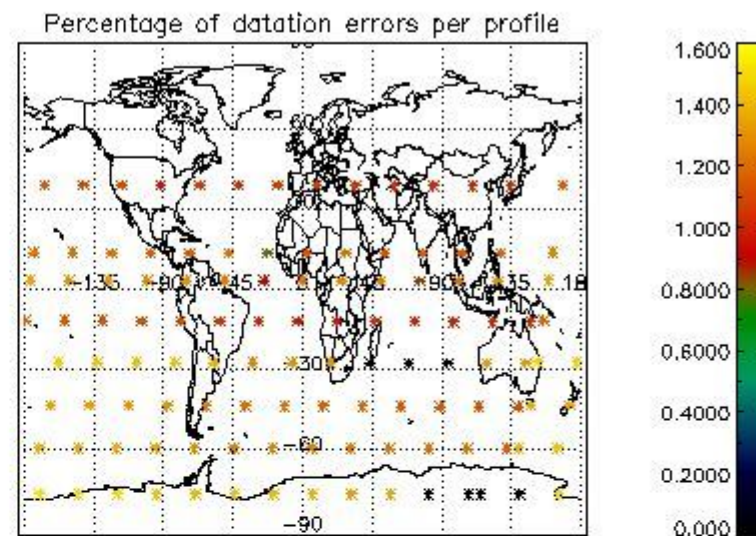
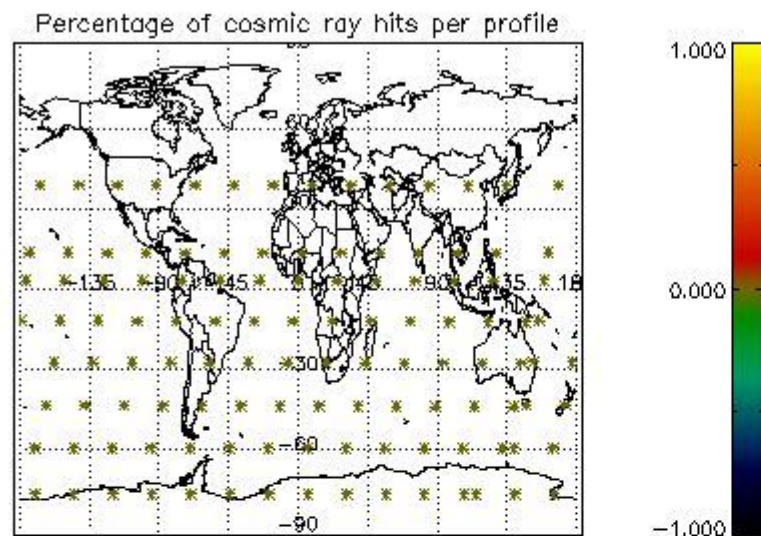


4.2 Plot quality information per product coming from level 1b processing (world map)

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

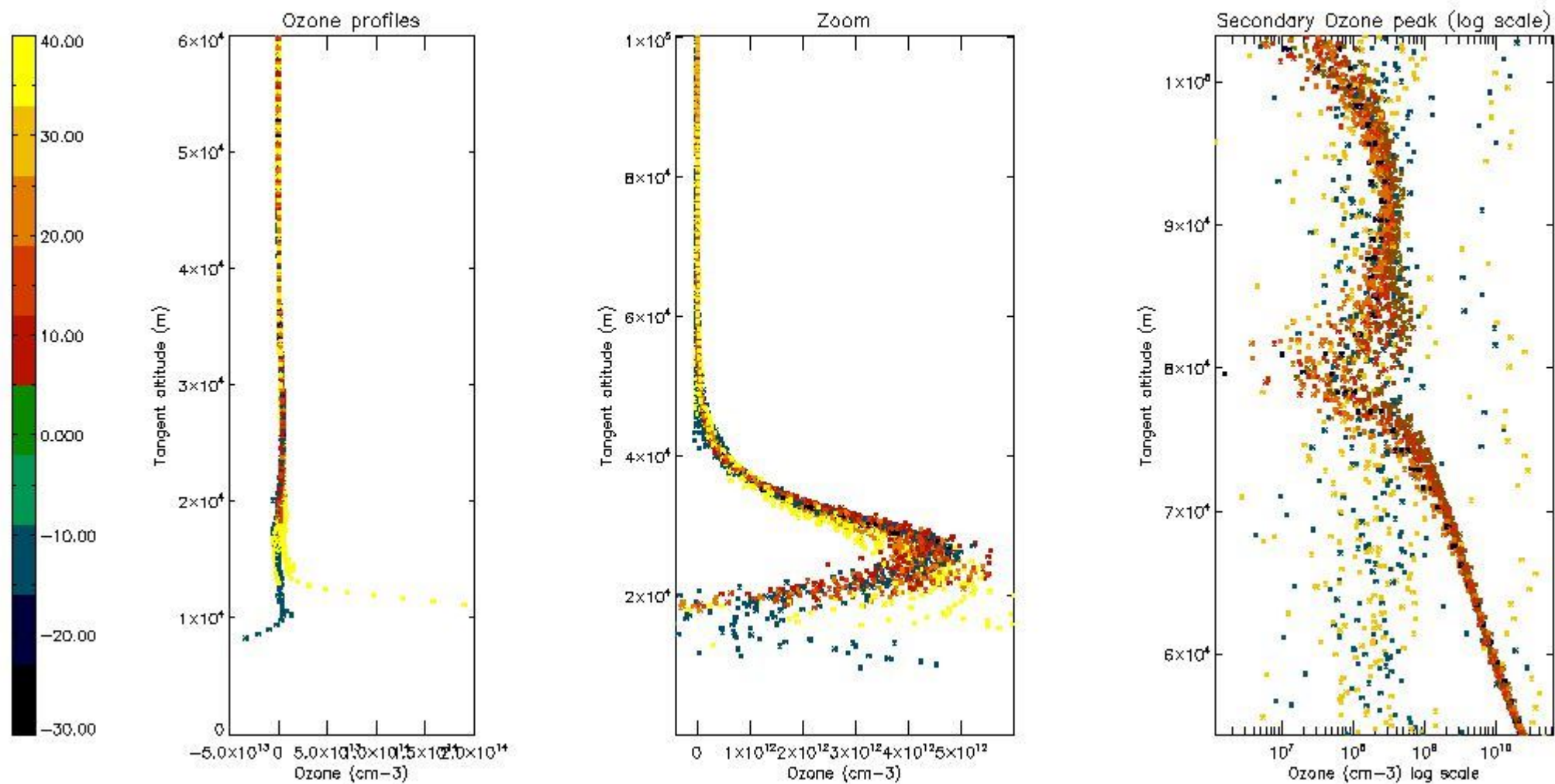
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	36
STD < 20	19

STD < 10	15
STD < 5	11

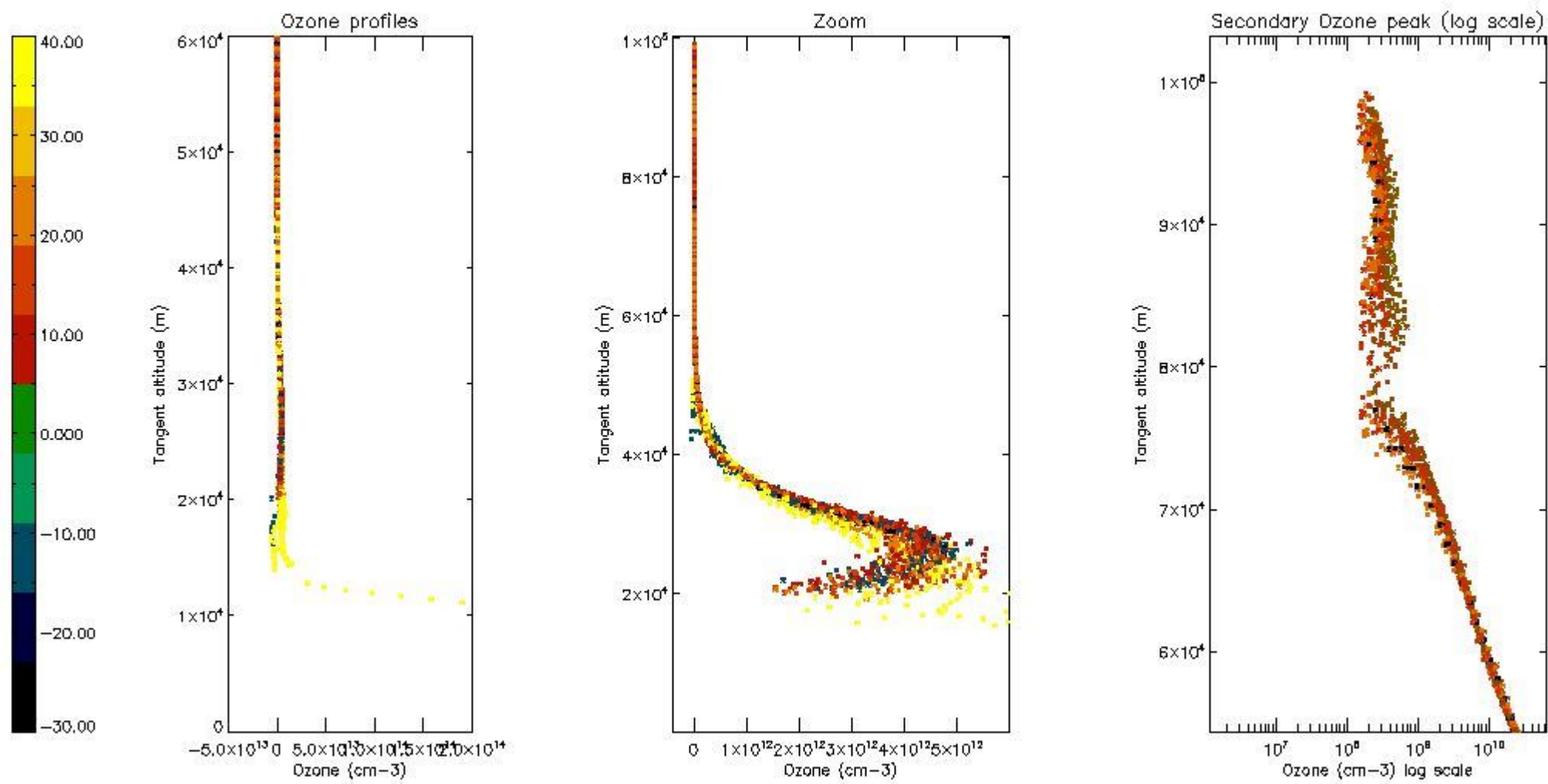
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



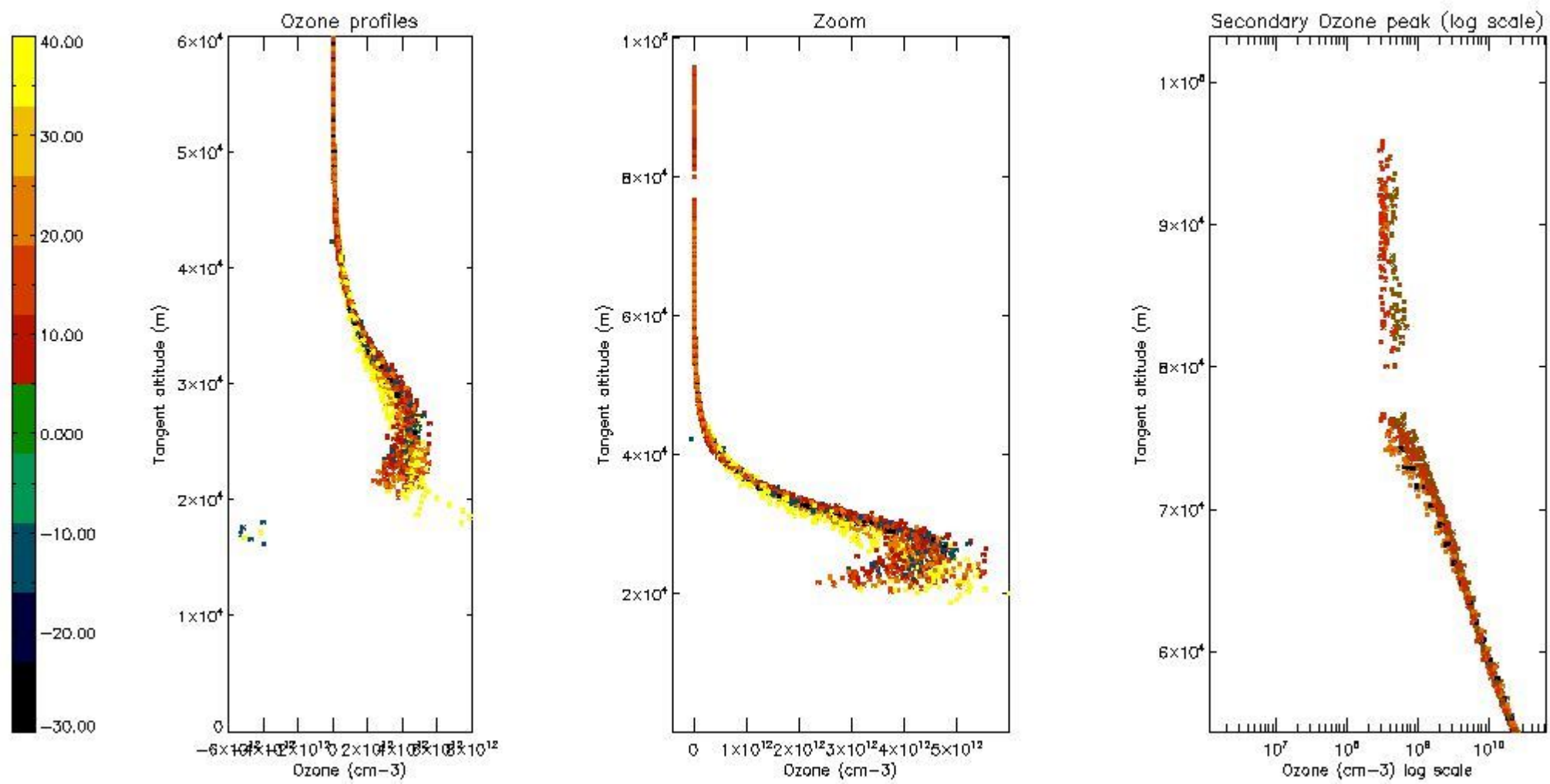
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



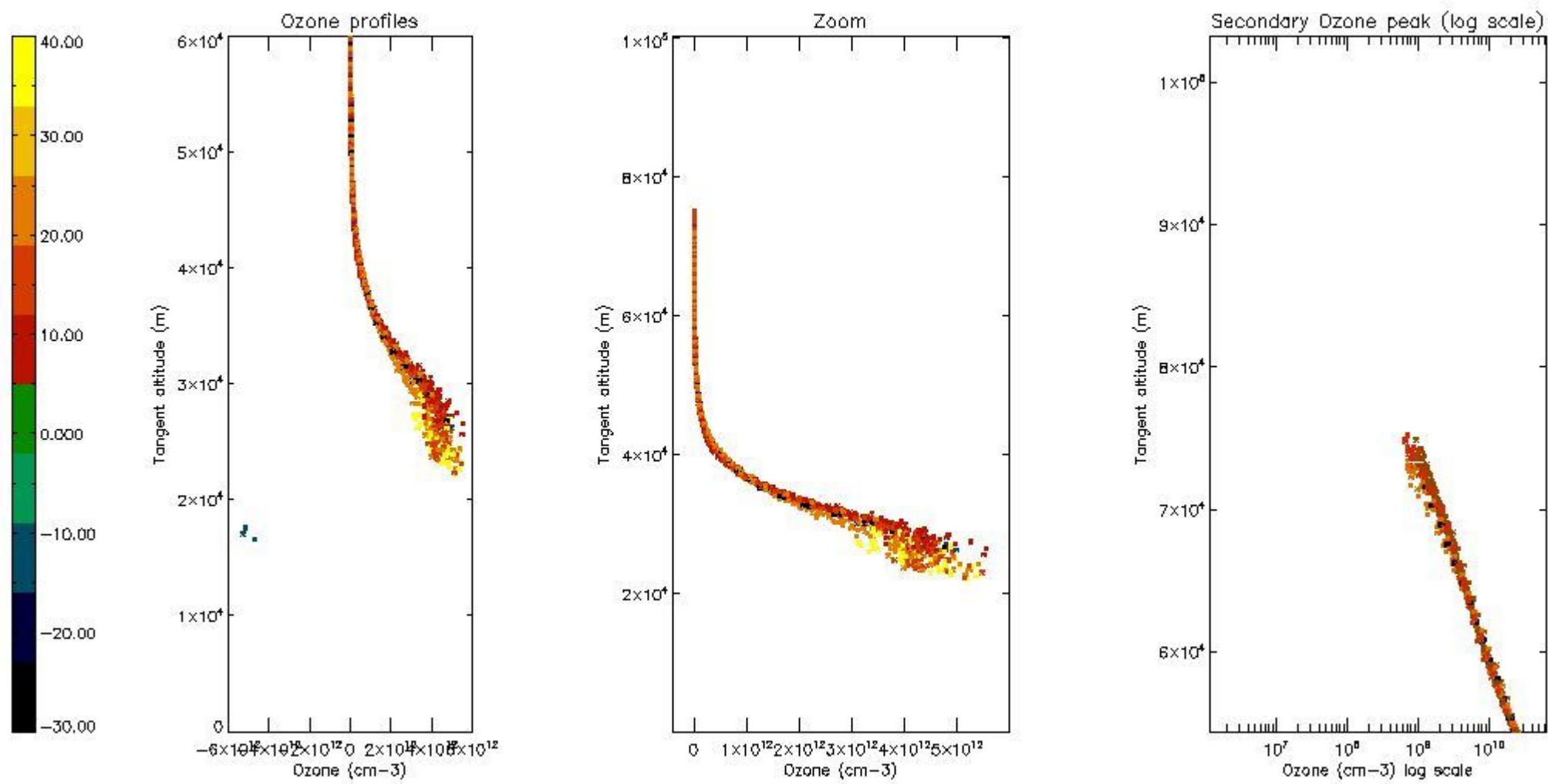
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



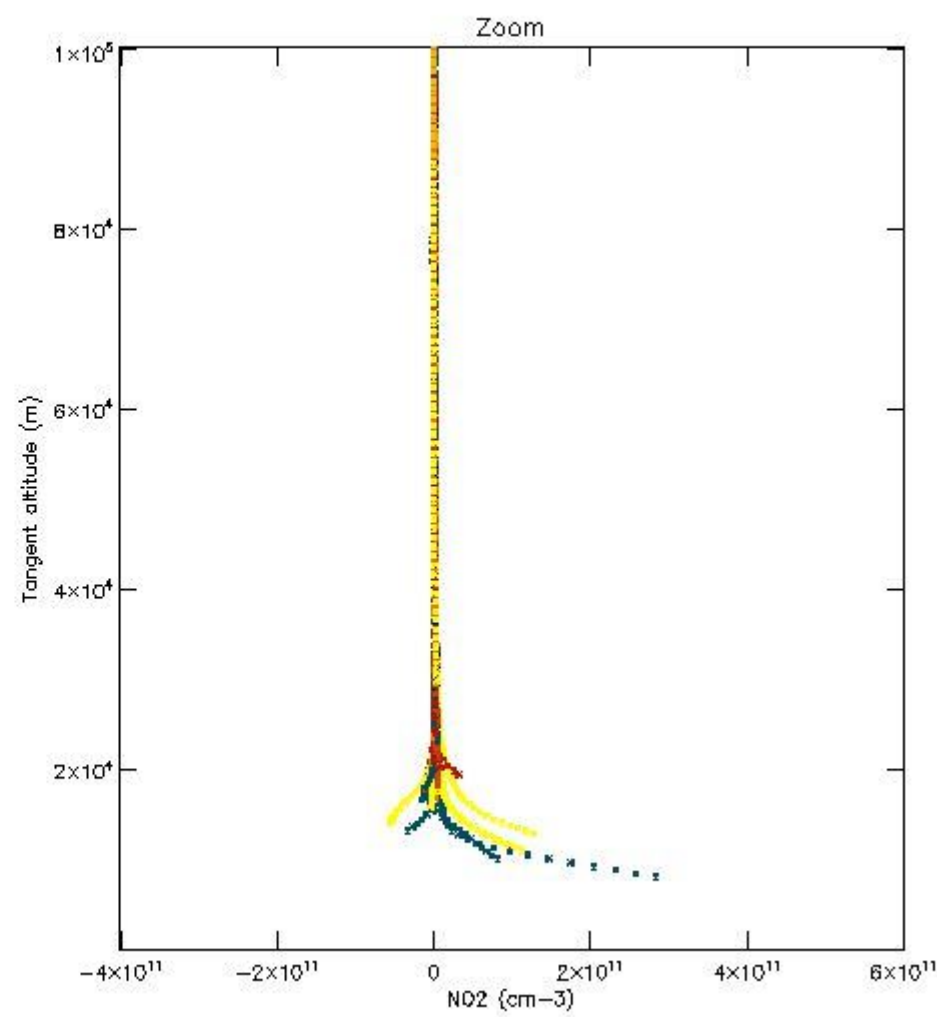
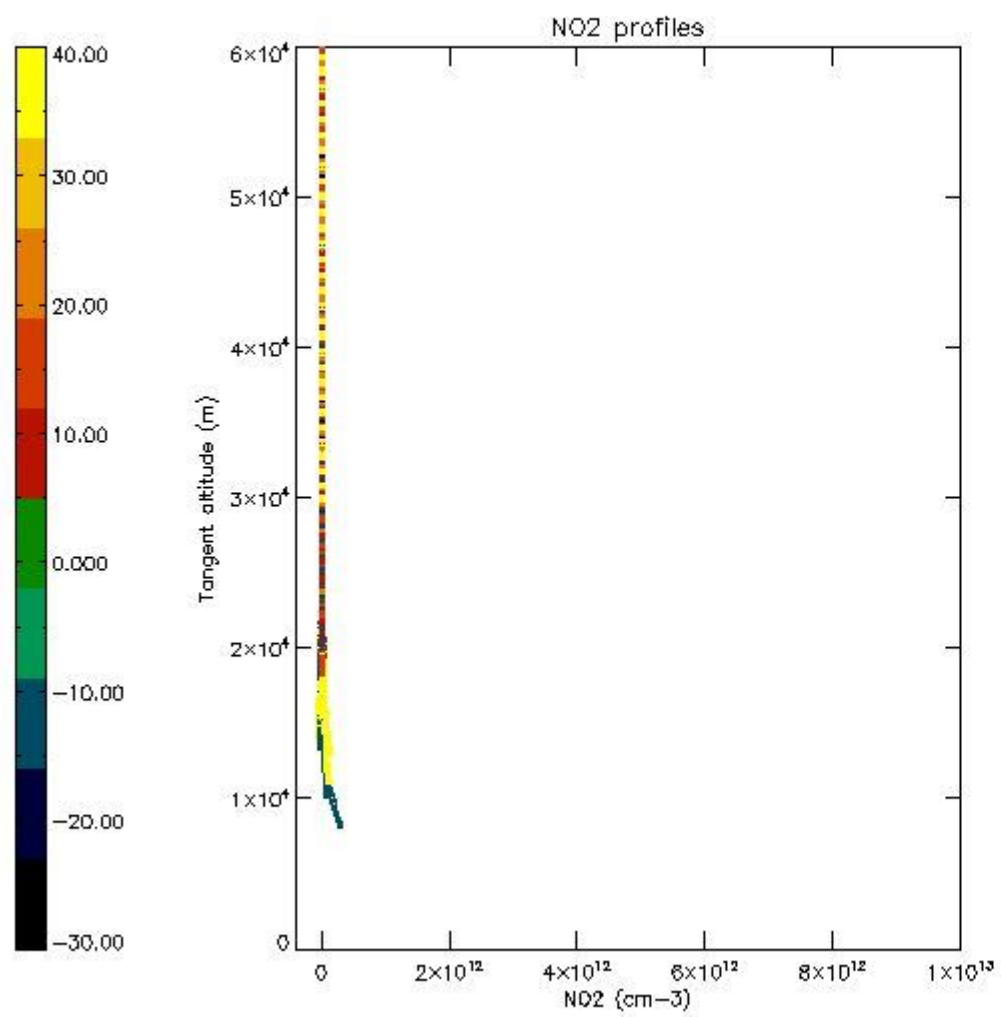
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



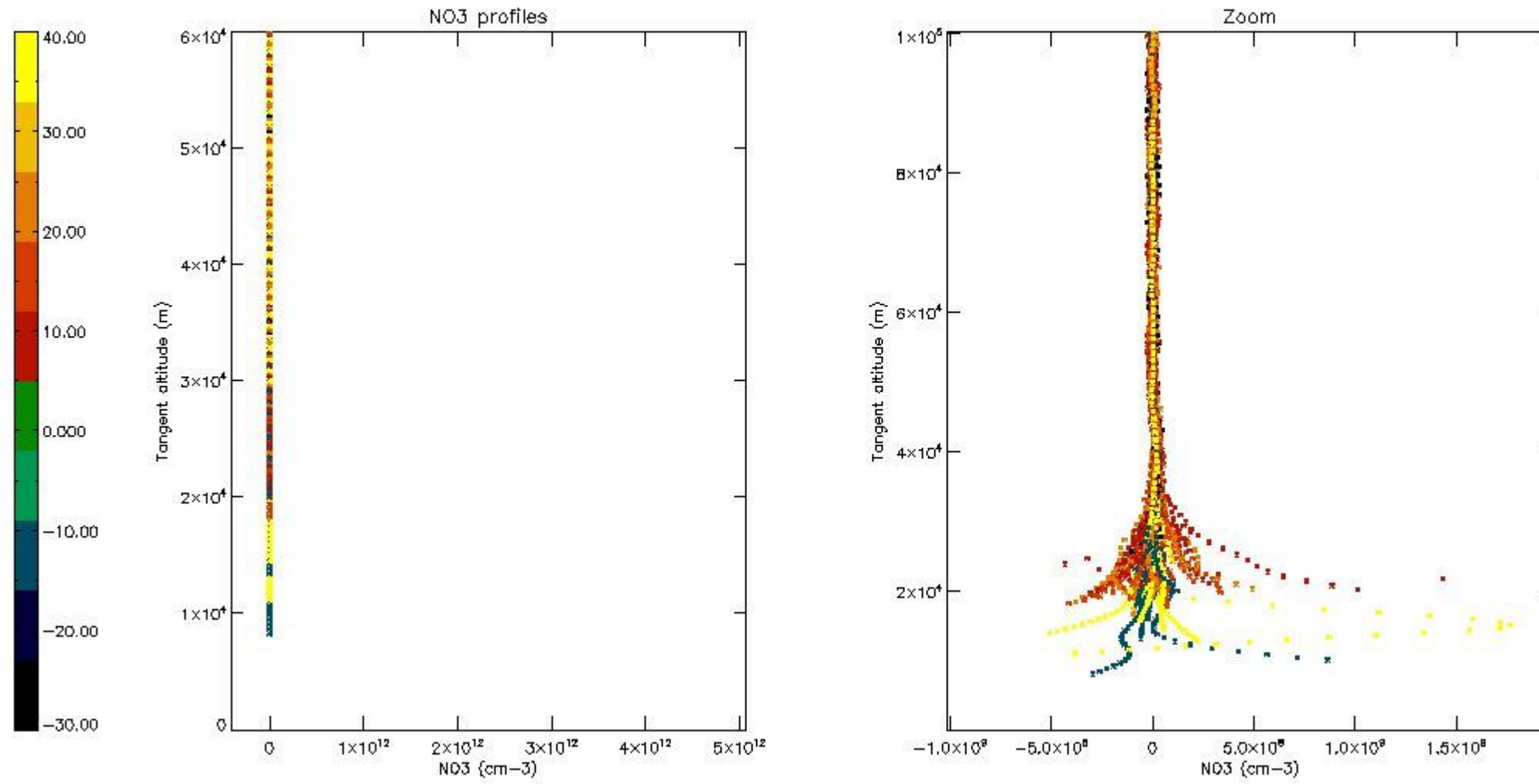
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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	04-MAR-2009 00:02:07
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	04-MAR-2009 00:02:07
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	04-MAR-2009 00:02:07

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	25APR2013 17:41:55
Data source version	GOMOS/6.01
Start time of products	04-03-2009 (04MAR2009 00:00:00)
Stop time of products	05-03-2009 (05MAR2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	212
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__2PRFIN20090304_000207_000000502077_00016_36643_6309.N1	04-MAR-2009 00:02:07	Bright	49.500	32	77Eps UMa	1.7630	11000.	99	36643	No
2	GOM_NL__2PRFIN20090304_000625_000000382077_00016_36643_6310.N1	04-MAR-2009 00:06:25	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	36643	No
3	GOM_NL__2PRFIN20090304_001102_000000452077_00016_36643_6311.N1	04-MAR-2009 00:11:02	Bright	45.000	119	14Eta Dra	2.7270	4700.0	90	36643	No
4	GOM_NL__2PRFIN20090304_001533_000000432077_00016_36643_6312.N1	04-MAR-2009 00:15:33	Bright	43.000	130	23Bet Dra	2.7990	5800.0	86	36643	No
5	GOM_NL__2PRFIN20090304_002050_000000382077_00016_36643_6313.N1	04-MAR-2009 00:20:50	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	36643	No
6	GOM_NL__2PRFIN20090304_004856_000000622077_00016_36643_6314.N1	04-MAR-2009 00:48:56	Dark	61.500	75	26Eps Sco	2.2910	4250.0	123	36643	No
7	GOM_NL__2PRFIN20090304_005452_000000532077_00017_36644_6316.N1	04-MAR-2009 00:54:52	Dark	52.500	131	Gam Lup	2.8000	26000.	105	36644	No
8	GOM_NL__2PRFIN20090304_005746_000000482077_00017_36644_6317.N1	04-MAR-2009 00:57:46	Dark	48.000	78	Alp Lup	2.3040	28000.	96	36644	No
9	GOM_NL__2PRFIN20090304_010016_000000482077_00017_36644_6318.N1	04-MAR-2009 01:00:16	Dark	48.000	95	Zet Cen	2.5450	26000.	96	36644	No
10	GOM_NL__2PRFIN20090304_010207_000000662077_00017_36644_6319.N1	04-MAR-2009 01:02:07	Dark	66.000	54	5The Cen	2.0550	4500.0	132	36644	No
11	GOM_NL__2PRFIN20090304_010442_000000562077_00017_36644_6320.N1	04-MAR-2009 01:04:42	Straylight	56.000	123	Iot Cen	2.7500	10200.	112	36644	No
12	GOM_NL__2PRFIN20090304_011225_000000552077_00017_36644_6321.N1	04-MAR-2009 01:12:25	Straylight	55.000	171	2Eps Crv	3.0010	4250.0	110	36644	No
13	GOM_NL__2PRFIN20090304_012827_000000502077_00017_36644_6322.N1	04-MAR-2009 01:28:27	Bright	49.500	96	68Del Leo	2.5600	9300.0	99	36644	No
14	GOM_NL__2PRFIN20090304_013533_000000432077_00017_36644_6323.N1	04-MAR-2009 01:35:33	Bright	43.000	174	52Psi UMa	3.0040	4400.0	86	36644	No
15	GOM_NL__2PRFIN20090304_013825_000000392077_00017_36644_6324.N1	04-MAR-2009 01:38:25	Bright	38.500	82	48Bet UMa	2.3650	10600.	77	36644	No
16	GOM_NL__2PRFIN20090304_014242_000000502077_00017_36644_6325.N1	04-MAR-2009 01:42:42	Bright	50.000	32	77Eps UMa	1.7630	11000.	100	36644	No
17	GOM_NL__2PRFIN20090304_014700_000000382077_00017_36644_6326.N1	04-MAR-2009 01:47:00	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	36644	No
18	GOM_NL__2PRFIN20090304_015137_000000452077_00017_36644_6327.N1	04-MAR-2009 01:51:37	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	36644	No
19	GOM_NL__2PRFIN20090304_015608_000000422077_00017_36644_6328.N1	04-MAR-2009 01:56:08	Bright	41.500	130	23Bet Dra	2.7990	5800.0	83	36644	No
20	GOM_NL__2PRFIN20090304_020126_000000372077_00017_36644_6329.N1	04-MAR-2009 02:01:26	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	36644	No
21	GOM_NL__2PRFIN20090304_022933_000000642077_00017_36644_6330.N1	04-MAR-2009 02:29:33	Dark	64.000	75	26Eps Sco	2.2910	4250.0	128	36644	No
22	GOM_NL__2PRFIN20090304_023529_000000522077_00018_36645_6334.N1	04-MAR-2009 02:35:29	Dark	52.000	131	Gam Lup	2.8000	26000.	104	36645	No
23	GOM_NL__2PRFIN20090304_023823_000000482077_00018_36645_6335.N1	04-MAR-2009 02:38:23	Dark	47.500	78	Alp Lup	2.3040	28000.	95	36645	No
24	GOM_NL__2PRFIN20090304_024053_000000472077_00018_36645_6336.N1	04-MAR-2009 02:40:53	Dark	46.500	95	Zet Cen	2.5450	26000.	93	36645	No
25	GOM_NL__2PRFIN20090304_024245_000000672077_00018_36645_6337.N1	04-MAR-2009 02:42:45	Dark	67.000	54	5The Cen	2.0550	4500.0	134	36645	No
26	GOM_NL__2PRFIN20090304_024519_000000542077_00018_36645_6338.N1	04-MAR-2009 02:45:19	Straylight	53.500	123	Iot Cen	2.7500	10200.	107	36645	No
27	GOM_NL__2PRFIN20090304_025301_000000572077_00018_36645_6339.N1	04-MAR-2009 02:53:01	Straylight	57.000	171	2Eps Crv	3.0010	4250.0	114	36645	No
28	GOM_NL__2PRFIN20090304_030902_000000502077_00018_36645_6340.N1	04-MAR-2009 03:09:02	Bright	49.500	96	68Del Leo	2.5600	9300.0	99	36645	No
29	GOM_NL__2PRFIN20090304_031609_000000432077_00018_36645_6341.N1	04-MAR-2009 03:16:09	Bright	43.000	174	52Psi UMa	3.0040	4400.0	86	36645	No
30	GOM_NL__2PRFIN20090304_031900_000000412077_00018_36645_6342.N1	04-MAR-2009 03:19:00	Bright	41.000	82	48Bet UMa	2.3650	10600.	82	36645	No
31	GOM_NL__2PRFIN20090304_032317_000000512077_00018_36645_6343.N1	04-MAR-2009 03:23:17	Bright	50.500	32	77Eps UMa	1.7630	11000.	101	36645	No
32	GOM_NL__2PRFIN20090304_032736_000000392077_00018_36645_6344.N1	04-MAR-2009 03:27:36	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	36645	No
33	GOM_NL__2PRFIN20090304_033212_000000442077_00018_36645_6345.N1	04-MAR-2009 03:32:12	Bright	44.000	119	14Eta Dra	2.7270	4700.0	88	36645	No
34	GOM_NL__2PRFIN20090304_033644_000000422077_00018_36645_6346.N1	04-MAR-2009 03:36:44	Bright	41.500	130	23Bet Dra	2.7990	5800.0	83	36645	No
35	GOM_NL__2PRFIN20090304_034202_000000372077_00018_36645_6347.N1	04-MAR-2009 03:42:02	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	36645	No
36	GOM_NL__2PRFIN20090304_041010_000000552077_00018_36645_6348.N1	04-MAR-2009 04:10:10	Dark	55.000	75	26Eps Sco	2.2910	4250.0	110	36645	No
37	GOM_NL__2PRFIN20090304_041606_000000532077_00019_36646_6344.N1	04-MAR-2009 04:16:06	Dark	53.000	131	Gam Lup	2.8000	26000.	106	36646	No
38	GOM_NL__2PRFIN20090304_041900_000000482077_00019_36646_6345.N1	04-MAR-2009 04:19:00	Dark	48.000	78	Alp Lup	2.3040	28000.	96	36646	No
39	GOM_NL__2PRFIN20090304_042129_000000472077_00019_36646_6346.N1	04-MAR-2009 04:21:29	Dark	46.500	95	Zet Cen	2.5450	26000.	93	36646	No
40	GOM_NL__2PRFIN20090304_042322_000000702077_00019_36646_6347.N1	04-MAR-2009 04:23:22	Dark	69.500	54	5The Cen	2.0550	4500.0	139	36646	No
41	GOM_NL__2PRFIN20090304_042556_000000562077_00019_36646_6348.N1	04-MAR-2009 04:25:56	Straylight	55.500	123	Iot Cen	2.7500	10200.	111	36646	No
42	GOM_NL__2PRFIN20090304_043337_000000602077_00019_36646_6349.N1	04-MAR-2009 04:33:37	Straylight	59.500	171	2Eps Crv	3.0010	4250.0	119	36646	No

43	GOM_NL__2PRFIN20090304_044938_000000502077_00019_36646_6350.N1	04-MAR-2009 04:49:38	Bright	49.500	96	68Del Leo	2.5600	9300.0	99	36646	No
44	GOM_NL__2PRFIN20090304_045644_000000442077_00019_36646_6351.N1	04-MAR-2009 04:56:44	Bright	43.500	174	52Psi UMa	3.0040	4400.0	87	36646	No
45	GOM_NL__2PRFIN20090304_045936_000000592077_00019_36646_6352.N1	04-MAR-2009 04:59:36	Bright	59.000	82	48Bet UMa	2.3650	10600.	118	36646	No
46	GOM_NL__2PRFIN20090304_050353_000000512077_00019_36646_6353.N1	04-MAR-2009 05:03:53	Bright	50.500	32	77Eps UMa	1.7630	11000.	101	36646	No
47	GOM_NL__2PRFIN20090304_050812_000000592077_00019_36646_6354.N1	04-MAR-2009 05:08:12	Bright	58.500	60	7Bet UMi	2.0810	3950.0	117	36646	No
48	GOM_NL__2PRFIN20090304_051248_000000442077_00019_36646_6355.N1	04-MAR-2009 05:12:48	Bright	44.000	119	14Eta Dra	2.7270	4700.0	88	36646	No
49	GOM_NL__2PRFIN20090304_051720_000000412077_00019_36646_6356.N1	04-MAR-2009 05:17:20	Bright	41.000	130	23Bet Dra	2.7990	5800.0	82	36646	No
50	GOM_NL__2PRFIN20090304_052238_000000382077_00019_36646_6357.N1	04-MAR-2009 05:22:38	Bright	37.500	5	3Alp Lyr	0.033000	11000.	75	36646	No
51	GOM_NL__2PRFIN20090304_055048_000000582077_00019_36646_6358.N1	04-MAR-2009 05:50:48	Dark	58.000	75	26Eps Sco	2.2910	4250.0	116	36646	No
52	GOM_NL__2PRFIN20090304_055643_000000532077_00020_36647_6369.N1	04-MAR-2009 05:56:43	Dark	52.500	131	Gam Lup	2.8000	26000.	105	36647	No
53	GOM_NL__2PRFIN20090304_055937_000000492077_00020_36647_6370.N1	04-MAR-2009 05:59:37	Dark	48.500	78	Alp Lup	2.3040	28000.	97	36647	No
54	GOM_NL__2PRFIN20090304_060206_000000482077_00020_36647_6371.N1	04-MAR-2009 06:02:06	Dark	48.000	95	Zet Cen	2.5450	26000.	96	36647	No
55	GOM_NL__2PRFIN20090304_060633_000000562077_00020_36647_6372.N1	04-MAR-2009 06:06:33	Straylight	56.000	123	Iot Cen	2.7500	10200.	112	36647	No
56	GOM_NL__2PRFIN20090304_061414_000000582077_00020_36647_6373.N1	04-MAR-2009 06:14:14	Straylight	57.500	171	2Eps Crv	3.0010	4250.0	115	36647	No
57	GOM_NL__2PRFIN20090304_063013_000000492077_00020_36647_6374.N1	04-MAR-2009 06:30:13	Bright	49.000	96	68Del Leo	2.5600	9300.0	98	36647	No
58	GOM_NL__2PRFIN20090304_063719_000000452077_00020_36647_6375.N1	04-MAR-2009 06:37:19	Bright	44.500	174	52Psi UMa	3.0040	4400.0	89	36647	No
59	GOM_NL__2PRFIN20090304_064012_000000412077_00020_36647_6376.N1	04-MAR-2009 06:40:12	Bright	40.500	82	48Bet UMa	2.3650	10600.	81	36647	No
60	GOM_NL__2PRFIN20090304_064428_000000502077_00020_36647_6377.N1	04-MAR-2009 06:44:28	Bright	49.500	32	77Eps UMa	1.7630	11000.	99	36647	No
61	GOM_NL__2PRFIN20090304_064847_000000392077_00020_36647_6378.N1	04-MAR-2009 06:48:47	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	36647	No
62	GOM_NL__2PRFIN20090304_065323_000000432077_00020_36647_6379.N1	04-MAR-2009 06:53:23	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	36647	No
63	GOM_NL__2PRFIN20090304_065755_000000402077_00020_36647_6380.N1	04-MAR-2009 06:57:55	Bright	40.000	130	23Bet Dra	2.7990	5800.0	80	36647	No
64	GOM_NL__2PRFIN20090304_070314_000000362077_00020_36647_6381.N1	04-MAR-2009 07:03:14	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	36647	No
65	GOM_NL__2PRFIN20090304_073125_000000532077_00020_36647_6382.N1	04-MAR-2009 07:31:25	Dark	53.000	75	26Eps Sco	2.2910	4250.0	106	36647	No
66	GOM_NL__2PRFIN20090304_073720_000000512077_00021_36648_6384.N1	04-MAR-2009 07:37:20	Dark	50.500	131	Gam Lup	2.8000	26000.	101	36648	No
67	GOM_NL__2PRFIN20090304_074014_000000492077_00021_36648_6385.N1	04-MAR-2009 07:40:14	Dark	48.500	78	Alp Lup	2.3040	28000.	97	36648	No
68	GOM_NL__2PRFIN20090304_074243_000000502077_00021_36648_6386.N1	04-MAR-2009 07:42:43	Dark	49.500	95	Zet Cen	2.5450	26000.	99	36648	No
69	GOM_NL__2PRFIN20090304_074436_000000602077_00021_36648_6387.N1	04-MAR-2009 07:44:36	Dark	59.500	54	5The Cen	2.0550	4500.0	119	36648	No
70	GOM_NL__2PRFIN20090304_074709_000000542077_00021_36648_6388.N1	04-MAR-2009 07:47:09	Straylight	53.500	123	Iot Cen	2.7500	10200.	107	36648	No
71	GOM_NL__2PRFIN20090304_075450_000000512077_00021_36648_6389.N1	04-MAR-2009 07:54:50	Straylight	51.000	171	2Eps Crv	3.0010	4250.0	102	36648	No
72	GOM_NL__2PRFIN20090304_081049_000000482077_00021_36648_6390.N1	04-MAR-2009 08:10:49	Bright	48.000	96	68Del Leo	2.5600	9300.0	96	36648	No
73	GOM_NL__2PRFIN20090304_081755_000000422077_00021_36648_6391.N1	04-MAR-2009 08:17:55	Bright	41.500	174	52Psi UMa	3.0040	4400.0	83	36648	No
74	GOM_NL__2PRFIN20090304_082047_000000392077_00021_36648_6392.N1	04-MAR-2009 08:20:47	Bright	39.000	82	48Bet UMa	2.3650	10600.	78	36648	No
75	GOM_NL__2PRFIN20090304_082503_000000522077_00021_36648_6393.N1	04-MAR-2009 08:25:03	Bright	52.000	32	77Eps UMa	1.7630	11000.	104	36648	No
76	GOM_NL__2PRFIN20090304_082923_000000382077_00021_36648_6394.N1	04-MAR-2009 08:29:23	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	36648	No
77	GOM_NL__2PRFIN20090304_083359_000000432077_00021_36648_6395.N1	04-MAR-2009 08:33:59	Bright	43.000	119	14Eta Dra	2.7270	4700.0	86	36648	No
78	GOM_NL__2PRFIN20090304_083831_000000402077_00021_36648_6396.N1	04-MAR-2009 08:38:31	Bright	40.000	130	23Bet Dra	2.7990	5800.0	80	36648	No
79	GOM_NL__2PRFIN20090304_084350_000000362077_00021_36648_6397.N1	04-MAR-2009 08:43:50	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	36648	No
80	GOM_NL__2PRFIN20090304_091203_000000542077_00022_36649_6401.N1	04-MAR-2009 09:12:03	Dark	54.000	75	26Eps Sco	2.2910	4250.0	108	36649	No
81	GOM_NL__2PRFIN20090304_091757_000000502077_00022_36649_6402.N1	04-MAR-2009 09:17:57	Dark	49.500	131	Gam Lup	2.8000	26000.	99	36649	No
82	GOM_NL__2PRFIN20090304_092051_000000492077_00022_36649_6403.N1	04-MAR-2009 09:20:51	Dark	48.500	78	Alp Lup	2.3040	28000.	97	36649	No
83	GOM_NL__2PRFIN20090304_092320_000000482077_00022_36649_6404.N1	04-MAR-2009 09:23:20	Dark	47.500	95	Zet Cen	2.5450	26000.	95	36649	No
84	GOM_NL__2PRFIN20090304_092513_000000632077_00022_36649_6405.N1	04-MAR-2009 09:25:13	Dark	62.500	54	5The Cen	2.0550	4500.0	125	36649	No
85	GOM_NL__2PRFIN20090304_092746_000000552077_00022_36649_6406.N1	04-MAR-2009 09:27:46	Straylight	55.000	123	Iot Cen	2.7500	10200.	110	36649	No
86	GOM_NL__2PRFIN20090304_093526_000000522077_00022_36649_6407.N1	04-MAR-2009 09:35:26	Straylight	51.500	171	2Eps Crv	3.0010	4250.0	103	36649	No
87	GOM_NL__2PRFIN20090304_095124_000000472077_00022_36649_6408.N1	04-MAR-2009 09:51:24	Bright	47.000	96	68Del Leo	2.5600	9300.0	94	36649	No
88	GOM_NL__2PRFIN20090304_095830_000000442077_00022_36649_6409.N1	04-MAR-2009 09:58:30	Bright	44.000	174	52Psi UMa	3.0040	4400.0	88	36649	No
89	GOM_NL__2PRFIN20090304_100123_000000412077_00022_36649_6410.N1	04-MAR-2009 10:01:23	Bright	41.000	82	48Bet UMa	2.3650	10600.	82	36649	No
90	GOM_NL__2PRFIN20090304_100538_000000522077_00022_36649_6411.N1	04-MAR-2009 10:05:38	Bright	51.500	32	77Eps UMa	1.7630	11000.	103	36649	No
91	GOM_NL__2PRFIN20090304_100958_000000392077_00022_36649_6412.N1	04-MAR-2009 10:09:58	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	36649	No
92	GOM_NL__2PRFIN20090304_101434_000000412077_00022_36649_6413.N1	04-MAR-2009 10:14:34	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	36649	No
93	GOM_NL__2PRFIN20090304_101906_000000402077_00022_36649_6414.N1	04-MAR-2009 10:19:06	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	36649	No
94	GOM_NL__2PRFIN20090304_102426_000000352077_00022_36649_6415.N1	04-MAR-2009 10:24:26	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	36649	No
95	GOM_NL__2PRFIN20090304_105239_000000542077_00022_36649_6436.N1	04-MAR-2009 10:52:39	Dark	53.500	75	26Eps Sco	2.2910	4250.0	107	36649	No
96	GOM_NL__2PRFIN20090304_105834_000000522077_00023_36650_6437.N1	04-MAR-2009 10:58:34	Dark	51.500	131	Gam Lup	2.8000	26000.	103	36650	No
97	GOM_NL__2PRFIN20090304_110127_000000482077_00023_36650_6438.N1	04-MAR-2009 11:01:27	Dark	48.000	78	Alp Lup	2.3040	28000.	96	36650	No
98	GOM_NL__2PRFIN20090304_110356_000000472077_00023_36650_6439.N1	04-MAR-2009 11:03:56	Dark	47.000	95	Zet Cen	2.5450	26000.	94	36650	No
99	GOM_NL__2PRFIN20090304_110550_000000642077_00023_36650_6440.N1	04-MAR-2009 11:05:50	Dark	64.000	54	5The Cen	2.0550	4500.0	128	36650	No
100	GOM_NL__2PRFIN20090304_110823_000000542077_00023_36650_6441.N1	04-MAR-2009 11:08:23	Straylight	54.000	123	Iot Cen	2.7500	10200.	108	36650	No
101	GOM_NL__2PRFIN20090304_111602_000000512077_00023_36650_6442.N1	04-MAR-2009 11:16:02	Straylight	50.500	171	2Eps Crv	3.0010	4250.0	101	36650	No

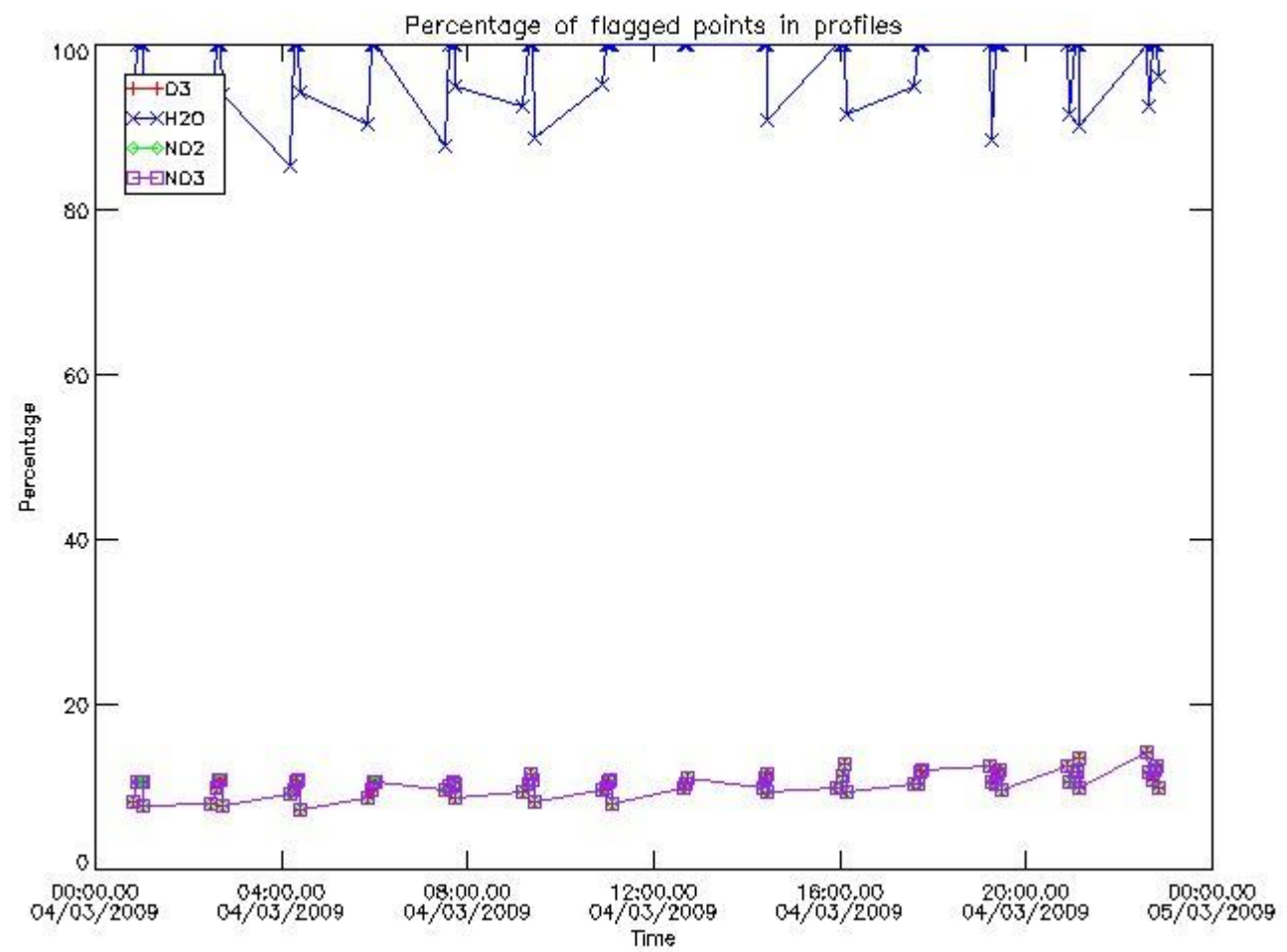
102	GOM_NL__2PRFIN20090304_113159_000000472077_00023_36650_6443.N1	04-MAR-2009 11:31:59	Bright	47.000	96	68Del Leo	2.5600	9300.0	94	36650	No
103	GOM_NL__2PRFIN20090304_113905_000000642077_00023_36650_6444.N1	04-MAR-2009 11:39:05	Bright	64.000	174	52Psi UMa	3.0040	4400.0	128	36650	No
104	GOM_NL__2PRFIN20090304_114158_000000562077_00023_36650_6445.N1	04-MAR-2009 11:41:58	Bright	55.500	82	48Bet UMa	2.3650	10600.	111	36650	No
105	GOM_NL__2PRFIN20090304_114613_000000502077_00023_36650_6446.N1	04-MAR-2009 11:46:13	Bright	49.500	32	77Eps UMa	1.7630	11000.	99	36650	No
106	GOM_NL__2PRFIN20090304_115034_000000402077_00023_36650_6447.N1	04-MAR-2009 11:50:34	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	36650	No
107	GOM_NL__2PRFIN20090304_115510_000000422077_00023_36650_6448.N1	04-MAR-2009 11:55:10	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	36650	No
108	GOM_NL__2PRFIN20090304_115942_000000402077_00023_36650_6449.N1	04-MAR-2009 11:59:42	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	36650	No
109	GOM_NL__2PRFIN20090304_120502_000000362077_00023_36650_6450.N1	04-MAR-2009 12:05:02	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	36650	No
110	GOM_NL__2PRFIN20090304_123912_000000512077_00024_36651_6450.N1	04-MAR-2009 12:39:12	Dark	51.000	131	Gam Lup	2.8000	26000.	102	36651	No
111	GOM_NL__2PRFIN20090304_124204_000000492077_00024_36651_6451.N1	04-MAR-2009 12:42:04	Dark	49.000	78	Alp Lup	2.3040	28000.	98	36651	No
112	GOM_NL__2PRFIN20090304_124433_000000462077_00024_36651_6452.N1	04-MAR-2009 12:44:33	Dark	45.500	95	Zet Cen	2.5450	26000.	91	36651	No
113	GOM_NL__2PRFIN20090304_124859_000000542077_00024_36651_6453.N1	04-MAR-2009 12:48:59	Straylight	53.500	123	lot Cen	2.7500	10200.	107	36651	No
114	GOM_NL__2PRFIN20090304_125638_000000512077_00024_36651_6454.N1	04-MAR-2009 12:56:38	Straylight	50.500	171	2Eps Crv	3.0010	4250.0	101	36651	No
115	GOM_NL__2PRFIN20090304_131234_000000492077_00024_36651_6455.N1	04-MAR-2009 13:12:34	Bright	49.000	96	68Del Leo	2.5600	9300.0	98	36651	No
116	GOM_NL__2PRFIN20090304_131941_000000422077_00024_36651_6456.N1	04-MAR-2009 13:19:41	Bright	41.500	174	52Psi UMa	3.0040	4400.0	83	36651	No
117	GOM_NL__2PRFIN20090304_132233_000000412077_00024_36651_6457.N1	04-MAR-2009 13:22:33	Bright	40.500	82	48Bet UMa	2.3650	10600.	81	36651	No
118	GOM_NL__2PRFIN20090304_132648_000000482077_00024_36651_6458.N1	04-MAR-2009 13:26:48	Bright	48.000	32	77Eps UMa	1.7630	11000.	96	36651	No
119	GOM_NL__2PRFIN20090304_133109_000000362077_00024_36651_6459.N1	04-MAR-2009 13:31:09	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	36651	No
120	GOM_NL__2PRFIN20090304_133545_000000402077_00024_36651_6460.N1	04-MAR-2009 13:35:45	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	36651	No
121	GOM_NL__2PRFIN20090304_134018_000000392077_00024_36651_6461.N1	04-MAR-2009 13:40:18	Bright	39.000	130	23Bet Dra	2.7990	5800.0	78	36651	No
122	GOM_NL__2PRFIN20090304_134538_000000352077_00024_36651_6462.N1	04-MAR-2009 13:45:38	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	36651	No
123	GOM_NL__2PRFIN20090304_141949_000000522077_00025_36652_6464.N1	04-MAR-2009 14:19:49	Dark	51.500	131	Gam Lup	2.8000	26000.	103	36652	No
124	GOM_NL__2PRFIN20090304_142241_000000462077_00025_36652_6465.N1	04-MAR-2009 14:22:41	Dark	46.000	78	Alp Lup	2.3040	28000.	92	36652	No
125	GOM_NL__2PRFIN20090304_142510_000000452077_00025_36652_6466.N1	04-MAR-2009 14:25:10	Dark	44.500	95	Zet Cen	2.5450	26000.	89	36652	No
126	GOM_NL__2PRFIN20090304_142704_000000552077_00025_36652_6467.N1	04-MAR-2009 14:27:04	Dark	54.500	54	5The Cen	2.0550	4500.0	109	36652	No
127	GOM_NL__2PRFIN20090304_142936_000000492077_00025_36652_6468.N1	04-MAR-2009 14:29:36	Straylight	48.500	123	lot Cen	2.7500	10200.	97	36652	No
128	GOM_NL__2PRFIN20090304_143714_000000472077_00025_36652_6469.N1	04-MAR-2009 14:37:14	Straylight	47.000	171	2Eps Crv	3.0010	4250.0	94	36652	No
129	GOM_NL__2PRFIN20090304_145309_000000472077_00025_36652_6470.N1	04-MAR-2009 14:53:09	Bright	47.000	96	68Del Leo	2.5600	9300.0	94	36652	No
130	GOM_NL__2PRFIN20090304_150016_000000442077_00025_36652_6471.N1	04-MAR-2009 15:00:16	Bright	43.500	174	52Psi UMa	3.0040	4400.0	87	36652	No
131	GOM_NL__2PRFIN20090304_150309_000000392077_00025_36652_6472.N1	04-MAR-2009 15:03:09	Bright	38.500	82	48Bet UMa	2.3650	10600.	77	36652	No
132	GOM_NL__2PRFIN20090304_150723_000000462077_00025_36652_6473.N1	04-MAR-2009 15:07:23	Bright	45.500	32	77Eps UMa	1.7630	11000.	91	36652	No
133	GOM_NL__2PRFIN20090304_151145_000000352077_00025_36652_6474.N1	04-MAR-2009 15:11:45	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	36652	No
134	GOM_NL__2PRFIN20090304_151621_000000392077_00025_36652_6475.N1	04-MAR-2009 15:16:21	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	36652	No
135	GOM_NL__2PRFIN20090304_152053_000000372077_00025_36652_6476.N1	04-MAR-2009 15:20:53	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	36652	No
136	GOM_NL__2PRFIN20090304_152614_000000342077_00025_36652_6477.N1	04-MAR-2009 15:26:14	Bright	33.500	5	3Alp Lyr	0.033000	11000.	67	36652	No
137	GOM_NL__2PRFIN20090304_155431_000000522077_00026_36653_6483.N1	04-MAR-2009 15:54:31	Dark	51.500	75	26Eps Sco	2.2910	4250.0	103	36653	No
138	GOM_NL__2PRFIN20090304_160026_000000512077_00026_36653_6484.N1	04-MAR-2009 16:00:26	Dark	51.000	131	Gam Lup	2.8000	26000.	102	36653	No
139	GOM_NL__2PRFIN20090304_160319_000000452077_00026_36653_6485.N1	04-MAR-2009 16:03:19	Dark	45.000	78	Alp Lup	2.3040	28000.	90	36653	No
140	GOM_NL__2PRFIN20090304_160547_000000442077_00026_36653_6486.N1	04-MAR-2009 16:05:47	Dark	44.000	95	Zet Cen	2.5450	26000.	88	36653	No
141	GOM_NL__2PRFIN20090304_160741_000000542077_00026_36653_6487.N1	04-MAR-2009 16:07:41	Dark	54.000	54	5The Cen	2.0550	4500.0	108	36653	No
142	GOM_NL__2PRFIN20090304_161013_000000492077_00026_36653_6488.N1	04-MAR-2009 16:10:13	Straylight	48.500	123	lot Cen	2.7500	10200.	97	36653	No
143	GOM_NL__2PRFIN20090304_161751_000000472077_00026_36653_6489.N1	04-MAR-2009 16:17:51	Straylight	47.000	171	2Eps Crv	3.0010	4250.0	94	36653	No
144	GOM_NL__2PRFIN20090304_163345_000000532077_00026_36653_6490.N1	04-MAR-2009 16:33:45	Bright	52.500	96	68Del Leo	2.5600	9300.0	105	36653	No
145	GOM_NL__2PRFIN20090304_164051_000000442077_00026_36653_6491.N1	04-MAR-2009 16:40:51	Bright	43.500	174	52Psi UMa	3.0040	4400.0	87	36653	No
146	GOM_NL__2PRFIN20090304_164345_000000392077_00026_36653_6492.N1	04-MAR-2009 16:43:45	Bright	39.000	82	48Bet UMa	2.3650	10600.	78	36653	No
147	GOM_NL__2PRFIN20090304_164758_000000452077_00026_36653_6493.N1	04-MAR-2009 16:47:58	Bright	45.000	32	77Eps UMa	1.7630	11000.	90	36653	No
148	GOM_NL__2PRFIN20090304_165221_000000352077_00026_36653_6494.N1	04-MAR-2009 16:52:21	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	36653	No
149	GOM_NL__2PRFIN20090304_165656_000000392077_00026_36653_6495.N1	04-MAR-2009 16:56:56	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	36653	No
150	GOM_NL__2PRFIN20090304_170129_000000372077_00026_36653_6496.N1	04-MAR-2009 17:01:29	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	36653	No
151	GOM_NL__2PRFIN20090304_170649_000000332077_00026_36653_6497.N1	04-MAR-2009 17:06:49	Bright	33.000	5	3Alp Lyr	0.033000	11000.	66	36653	No
152	GOM_NL__2PRFIN20090304_173508_000000492077_00027_36654_6499.N1	04-MAR-2009 17:35:08	Dark	49.000	75	26Eps Sco	2.2910	4250.0	98	36654	No
153	GOM_NL__2PRFIN20090304_174103_000000492077_00027_36654_6500.N1	04-MAR-2009 17:41:03	Dark	49.000	131	Gam Lup	2.8000	26000.	98	36654	No
154	GOM_NL__2PRFIN20090304_174355_000000442077_00027_36654_6501.N1	04-MAR-2009 17:43:55	Dark	43.500	78	Alp Lup	2.3040	28000.	87	36654	No
155	GOM_NL__2PRFIN20090304_174623_000000422077_00027_36654_6502.N1	04-MAR-2009 17:46:23	Dark	42.000	95	Zet Cen	2.5450	26000.	84	36654	No
156	GOM_NL__2PRFIN20090304_175827_000000462077_00027_36654_6503.N1	04-MAR-2009 17:58:27	Straylight	46.000	171	2Eps Crv	3.0010	4250.0	92	36654	No
157	GOM_NL__2PRFIN20090304_181420_000000452077_00027_36654_6504.N1	04-MAR-2009 18:14:20	Bright	45.000	96	68Del Leo	2.5600	9300.0	90	36654	No
158	GOM_NL__2PRFIN20090304_182127_000000422077_00027_36654_6505.N1	04-MAR-2009 18:21:27	Bright	41.500	174	52Psi UMa	3.0040	4400.0	83	36654	No
159	GOM_NL__2PRFIN20090304_182420_000000382077_00027_36654_6506.N1	04-MAR-2009 18:24:20	Bright	38.000	82	48Bet UMa	2.3650	10600.	76	36654	No
160	GOM_NL__2PRFIN20090304_182833_000000452077_00027_36654_6507.N1	04-MAR-2009 18:28:33	Bright	44.500	32	77Eps UMa	1.7630	11000.	89	36654	No

161	GOM_NL__2PRFIN20090304_183256_000000352077_00027_36654_6508.N1	04-MAR-2009 18:32:56	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	36654	No
162	GOM_NL__2PRFIN20090304_183732_000000382077_00027_36654_6509.N1	04-MAR-2009 18:37:32	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	36654	No
163	GOM_NL__2PRFIN20090304_184205_000000372077_00027_36654_6510.N1	04-MAR-2009 18:42:05	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	36654	No
164	GOM_NL__2PRFIN20090304_184725_000000332077_00027_36654_6511.N1	04-MAR-2009 18:47:25	Bright	33.000	5	3Alp Lyr	0.033000	11000.	66	36654	No
165	GOM_NL__2PRFIN20090304_191334_000000412077_00027_36654_6512.N1	04-MAR-2009 19:13:34	Dark	40.500	115	34Ups Sco	2.6960	26000.	81	36654	No
166	GOM_NL__2PRFIN20090304_191546_000000482077_00028_36655_6516.N1	04-MAR-2009 19:15:46	Dark	48.000	75	26Eps Sco	2.2910	4250.0	96	36655	No
167	GOM_NL__2PRFIN20090304_192140_000000492077_00028_36655_6517.N1	04-MAR-2009 19:21:40	Dark	49.000	131	Gam Lup	2.8000	26000.	98	36655	No
168	GOM_NL__2PRFIN20090304_192432_000000442077_00028_36655_6518.N1	04-MAR-2009 19:24:32	Dark	44.000	78	Alp Lup	2.3040	28000.	88	36655	No
169	GOM_NL__2PRFIN20090304_192700_000000432077_00028_36655_6519.N1	04-MAR-2009 19:27:00	Dark	42.500	95	Zet Cen	2.5450	26000.	85	36655	No
170	GOM_NL__2PRFIN20090304_192855_000000532077_00028_36655_6520.N1	04-MAR-2009 19:28:55	Dark	52.500	54	5The Cen	2.0550	4500.0	105	36655	No
171	GOM_NL__2PRFIN20090304_193126_000000482077_00028_36655_6521.N1	04-MAR-2009 19:31:26	Straylight	47.500	123	lot Cen	2.7500	10200.	95	36655	No
172	GOM_NL__2PRFIN20090304_193903_000000462077_00028_36655_6522.N1	04-MAR-2009 19:39:03	Straylight	45.500	171	2Eps Crv	3.0010	4250.0	91	36655	No
173	GOM_NL__2PRFIN20090304_195456_000000462077_00028_36655_6523.N1	04-MAR-2009 19:54:56	Bright	45.500	96	68Del Leo	2.5600	9300.0	91	36655	No
174	GOM_NL__2PRFIN20090304_200202_000000422077_00028_36655_6524.N1	04-MAR-2009 20:02:02	Bright	41.500	174	52Psi UMa	3.0040	4400.0	83	36655	No
175	GOM_NL__2PRFIN20090304_200456_000000392077_00028_36655_6525.N1	04-MAR-2009 20:04:56	Bright	38.500	82	48Bet UMa	2.3650	10600.	77	36655	No
176	GOM_NL__2PRFIN20090304_200908_000000442077_00028_36655_6526.N1	04-MAR-2009 20:09:08	Bright	44.000	32	77Eps UMa	1.7630	11000.	88	36655	No
177	GOM_NL__2PRFIN20090304_201332_000000342077_00028_36655_6527.N1	04-MAR-2009 20:13:32	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	36655	No
178	GOM_NL__2PRFIN20090304_201807_000000382077_00028_36655_6528.N1	04-MAR-2009 20:18:07	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	36655	No
179	GOM_NL__2PRFIN20090304_202241_000000362077_00028_36655_6529.N1	04-MAR-2009 20:22:41	Bright	36.000	130	23Bet Dra	2.7990	5800.0	72	36655	No
180	GOM_NL__2PRFIN20090304_202801_000000332077_00028_36655_6530.N1	04-MAR-2009 20:28:01	Bright	33.000	5	3Alp Lyr	0.033000	11000.	66	36655	No
181	GOM_NL__2PRFIN20090304_205410_000000412077_00028_36655_6531.N1	04-MAR-2009 20:54:10	Dark	41.000	115	34Ups Sco	2.6960	26000.	82	36655	No
182	GOM_NL__2PRFIN20090304_205622_000000482077_00029_36656_6535.N1	04-MAR-2009 20:56:22	Dark	48.000	75	26Eps Sco	2.2910	4250.0	96	36656	No
183	GOM_NL__2PRFIN20090304_210218_000000482077_00029_36656_6536.N1	04-MAR-2009 21:02:18	Dark	48.000	131	Gam Lup	2.8000	26000.	96	36656	No
184	GOM_NL__2PRFIN20090304_210508_000000442077_00029_36656_6537.N1	04-MAR-2009 21:05:08	Dark	43.500	78	Alp Lup	2.3040	28000.	87	36656	No
185	GOM_NL__2PRFIN20090304_210737_000000422077_00029_36656_6538.N1	04-MAR-2009 21:07:37	Dark	41.500	95	Zet Cen	2.5450	26000.	83	36656	No
186	GOM_NL__2PRFIN20090304_210932_000000522077_00029_36656_6539.N1	04-MAR-2009 21:09:32	Dark	51.500	54	5The Cen	2.0550	4500.0	103	36656	No
187	GOM_NL__2PRFIN20090304_211203_000000482077_00029_36656_6540.N1	04-MAR-2009 21:12:03	Straylight	47.500	123	lot Cen	2.7500	10200.	95	36656	No
188	GOM_NL__2PRFIN20090304_211940_000000442077_00029_36656_6541.N1	04-MAR-2009 21:19:40	Straylight	44.000	171	2Eps Crv	3.0010	4250.0	88	36656	No
189	GOM_NL__2PRFIN20090304_213531_000000442077_00029_36656_6542.N1	04-MAR-2009 21:35:31	Bright	43.500	96	68Del Leo	2.5600	9300.0	87	36656	No
190	GOM_NL__2PRFIN20090304_214238_000000412077_00029_36656_6543.N1	04-MAR-2009 21:42:38	Bright	41.000	174	52Psi UMa	3.0040	4400.0	82	36656	No
191	GOM_NL__2PRFIN20090304_214531_000000372077_00029_36656_6544.N1	04-MAR-2009 21:45:31	Bright	37.000	82	48Bet UMa	2.3650	10600.	74	36656	No
192	GOM_NL__2PRFIN20090304_214944_000000432077_00029_36656_6545.N1	04-MAR-2009 21:49:44	Bright	43.000	32	77Eps UMa	1.7630	11000.	86	36656	No
193	GOM_NL__2PRFIN20090304_215407_000000342077_00029_36656_6546.N1	04-MAR-2009 21:54:07	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	36656	No
194	GOM_NL__2PRFIN20090304_215843_000000372077_00029_36656_6547.N1	04-MAR-2009 21:58:43	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	36656	No
195	GOM_NL__2PRFIN20090304_220316_000000352077_00029_36656_6548.N1	04-MAR-2009 22:03:16	Bright	35.000	130	23Bet Dra	2.7990	5800.0	70	36656	No
196	GOM_NL__2PRFIN20090304_220837_000000322077_00029_36656_6549.N1	04-MAR-2009 22:08:37	Bright	32.000	5	3Alp Lyr	0.033000	11000.	64	36656	No
197	GOM_NL__2PRFIN20090304_223447_000000402077_00029_36656_6550.N1	04-MAR-2009 22:34:47	Dark	39.500	115	34Ups Sco	2.6960	26000.	79	36656	No
198	GOM_NL__2PRFIN20090304_223659_000000472077_00030_36657_6551.N1	04-MAR-2009 22:36:59	Dark	47.000	75	26Eps Sco	2.2910	4250.0	94	36657	No
199	GOM_NL__2PRFIN20090304_224255_000000472077_00030_36657_6552.N1	04-MAR-2009 22:42:55	Dark	47.000	131	Gam Lup	2.8000	26000.	94	36657	No
200	GOM_NL__2PRFIN20090304_224545_000000432077_00030_36657_6553.N1	04-MAR-2009 22:45:45	Dark	42.500	78	Alp Lup	2.3040	28000.	85	36657	No
201	GOM_NL__2PRFIN20090304_224814_000000412077_00030_36657_6554.N1	04-MAR-2009 22:48:14	Dark	41.000	95	Zet Cen	2.5450	26000.	82	36657	No
202	GOM_NL__2PRFIN20090304_225009_000000512077_00030_36657_6555.N1	04-MAR-2009 22:50:09	Dark	51.000	54	5The Cen	2.0550	4500.0	102	36657	No
203	GOM_NL__2PRFIN20090304_225239_000000462077_00030_36657_6556.N1	04-MAR-2009 22:52:39	Straylight	46.000	123	lot Cen	2.7500	10200.	92	36657	No
204	GOM_NL__2PRFIN20090304_230016_000000442077_00030_36657_6557.N1	04-MAR-2009 23:00:16	Straylight	44.000	171	2Eps Crv	3.0010	4250.0	88	36657	No
205	GOM_NL__2PRFIN20090304_231606_000000442077_00030_36657_6558.N1	04-MAR-2009 23:16:06	Bright	43.500	96	68Del Leo	2.5600	9300.0	87	36657	No
206	GOM_NL__2PRFIN20090304_232313_000000402077_00030_36657_6559.N1	04-MAR-2009 23:23:13	Bright	39.500	174	52Psi UMa	3.0040	4400.0	79	36657	No
207	GOM_NL__2PRFIN20090304_232607_000000372077_00030_36657_6560.N1	04-MAR-2009 23:26:07	Bright	37.000	82	48Bet UMa	2.3650	10600.	74	36657	No
208	GOM_NL__2PRFIN20090304_233019_000000432077_00030_36657_6561.N1	04-MAR-2009 23:30:19	Bright	43.000	32	77Eps UMa	1.7630	11000.	86	36657	No
209	GOM_NL__2PRFIN20090304_233443_000000342077_00030_36657_6562.N1	04-MAR-2009 23:34:43	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	36657	No
210	GOM_NL__2PRFIN20090304_233918_000000372077_00030_36657_6563.N1	04-MAR-2009 23:39:18	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	36657	No
211	GOM_NL__2PRFIN20090304_234351_000000362077_00030_36657_6564.N1	04-MAR-2009 23:43:51	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	36657	No
212	GOM_NL__2PRFIN20090304_234914_000000312077_00030_36657_6565.N1	04-MAR-2009 23:49:14	Bright	31.000	5	3Alp Lyr	0.033000	11000.	62	36657	No

3. Quality information per product

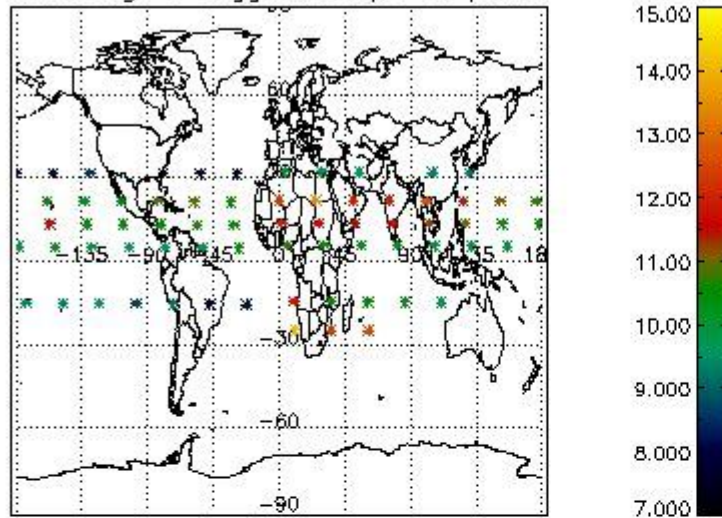
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

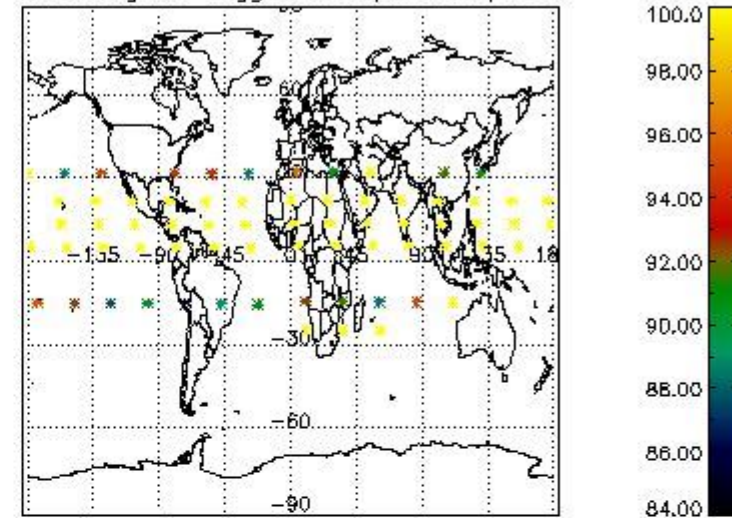


3.2 Plot quality information per product (world map)

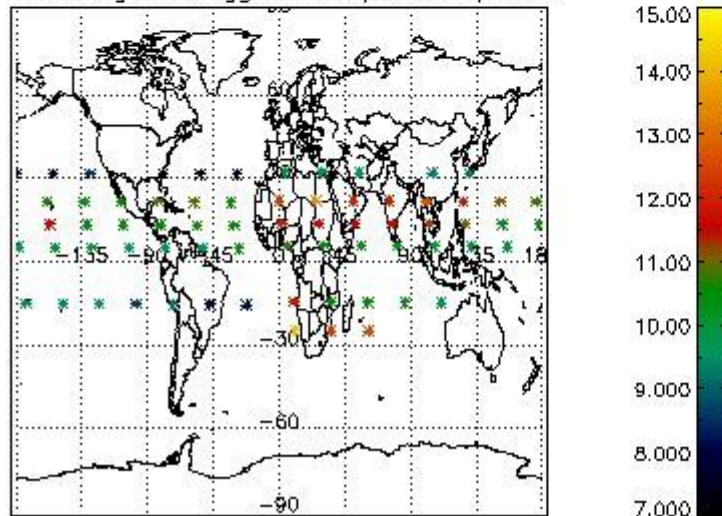
Percentage of flagged data per O3 profile



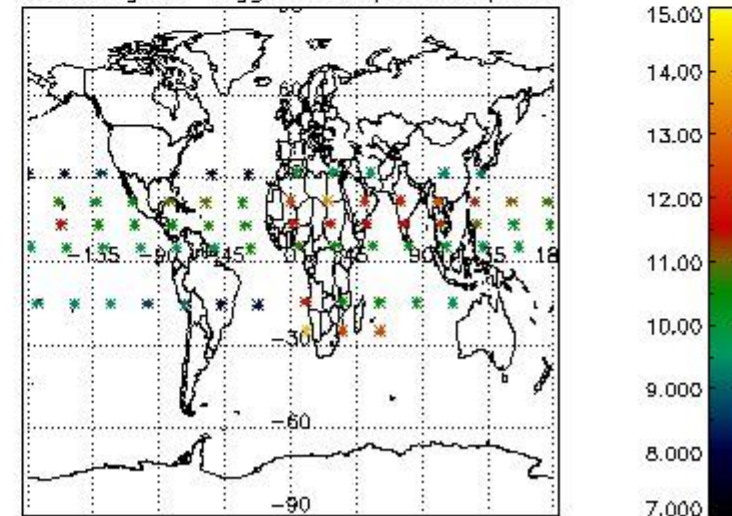
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

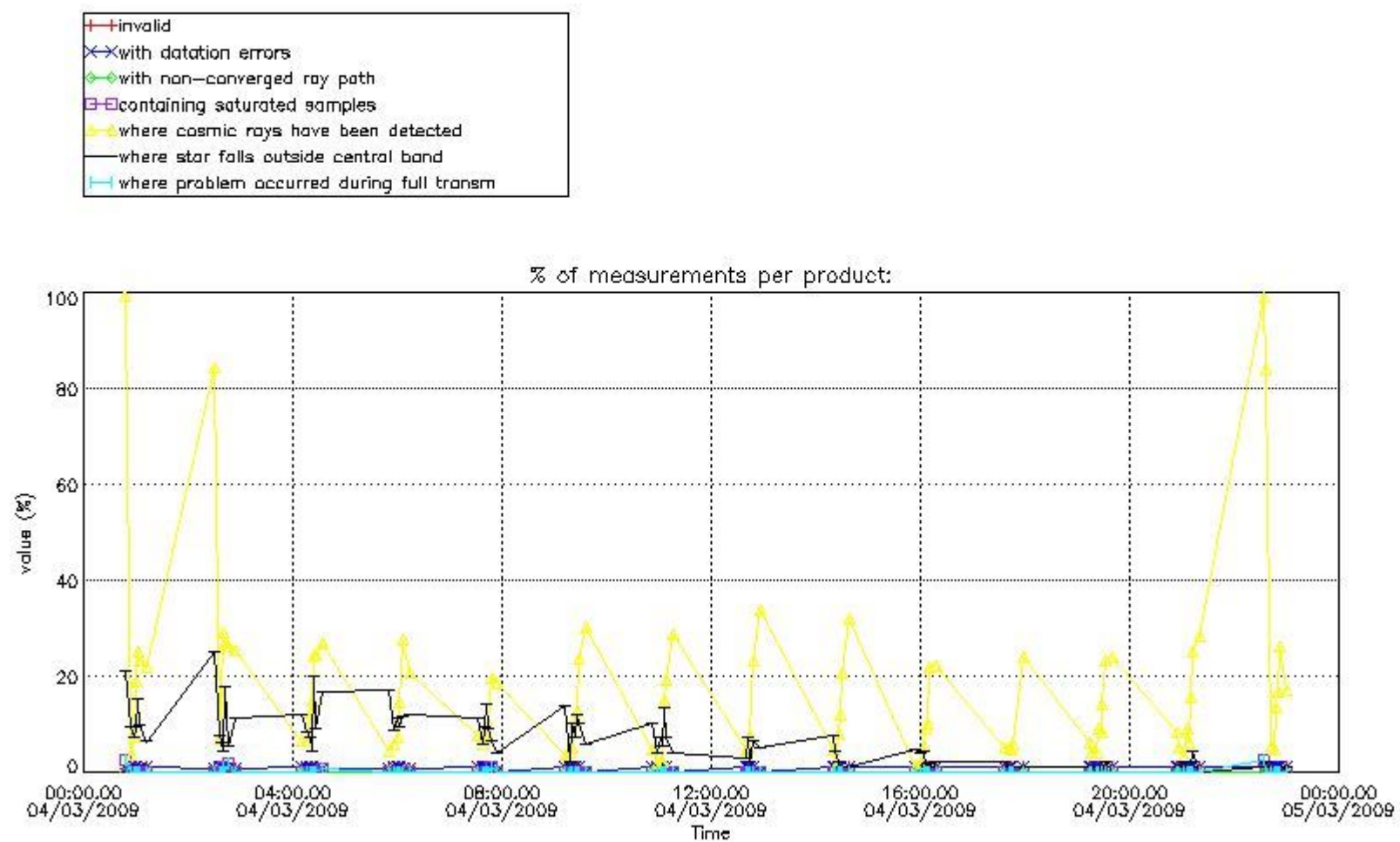


4. Level 1 quality information per product

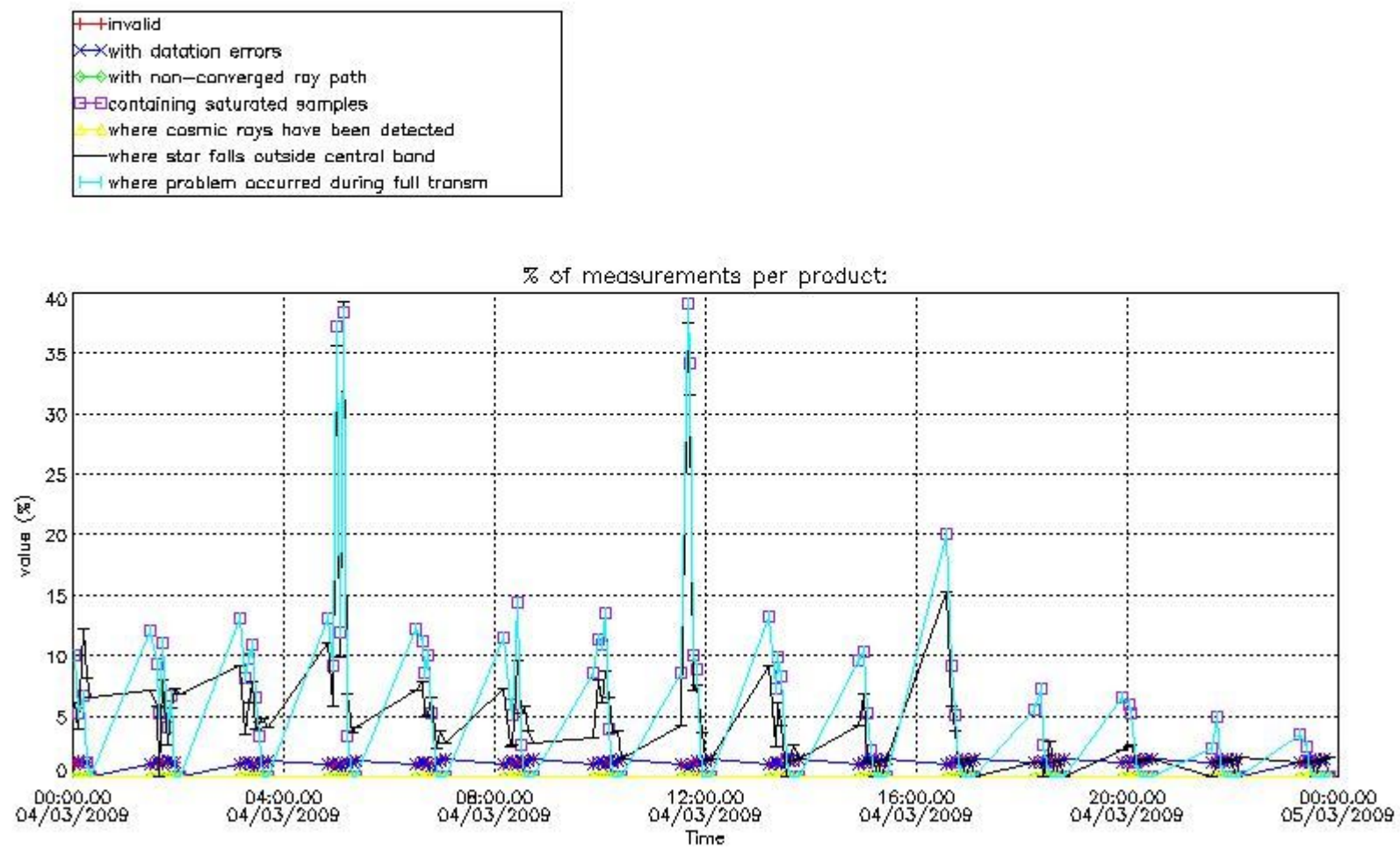
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



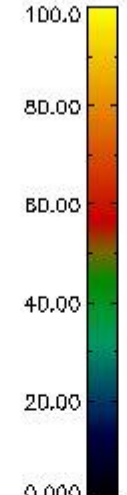
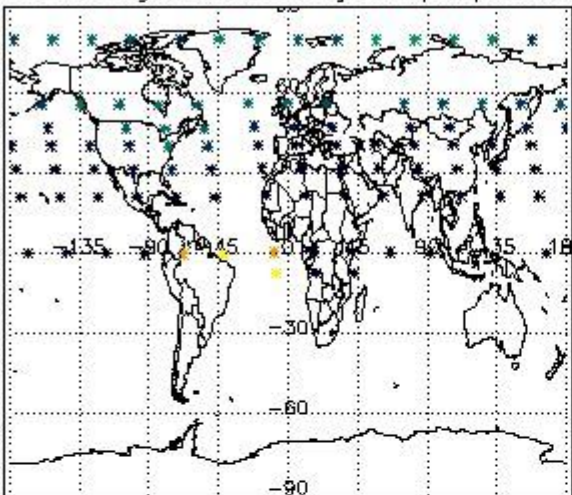
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



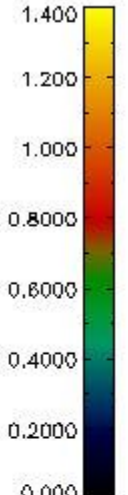
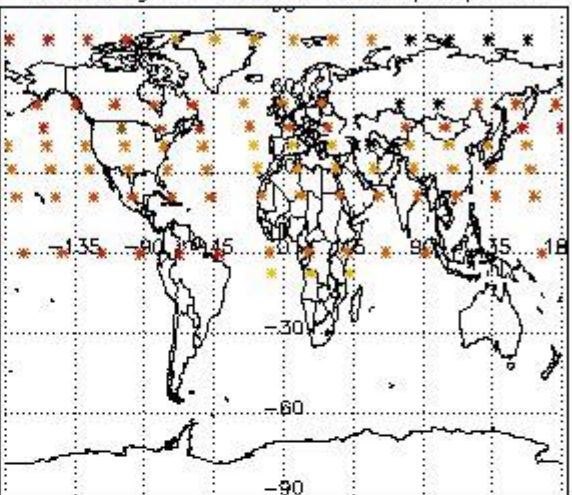
4.2 Plot quality information per product coming from level 1b processing (world map)

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

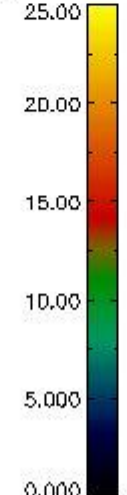
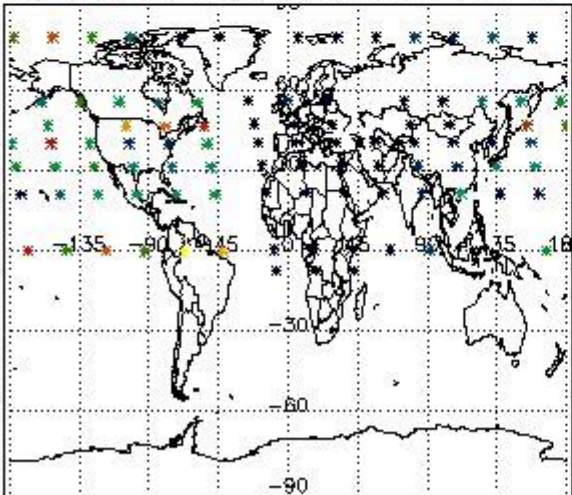
Percentage of cosmic ray hits per profile



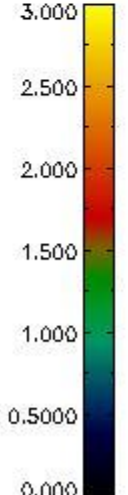
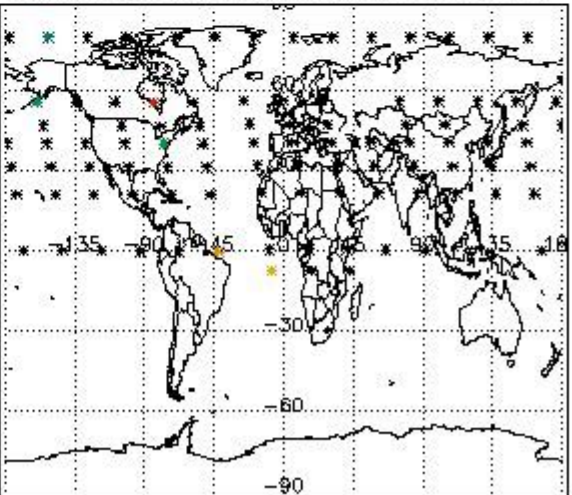
Percentage of datation errors per profile



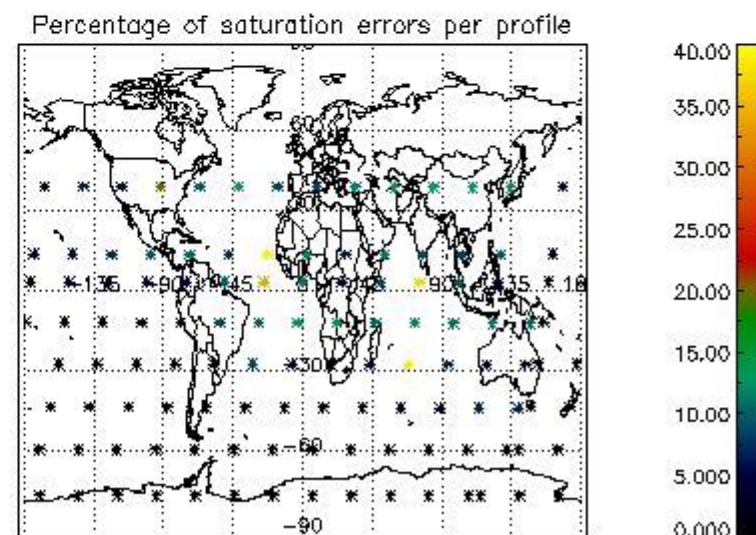
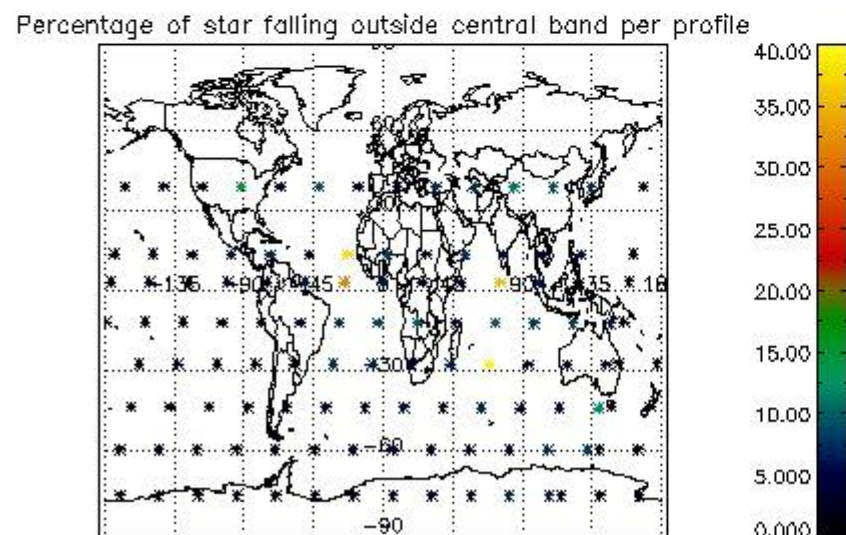
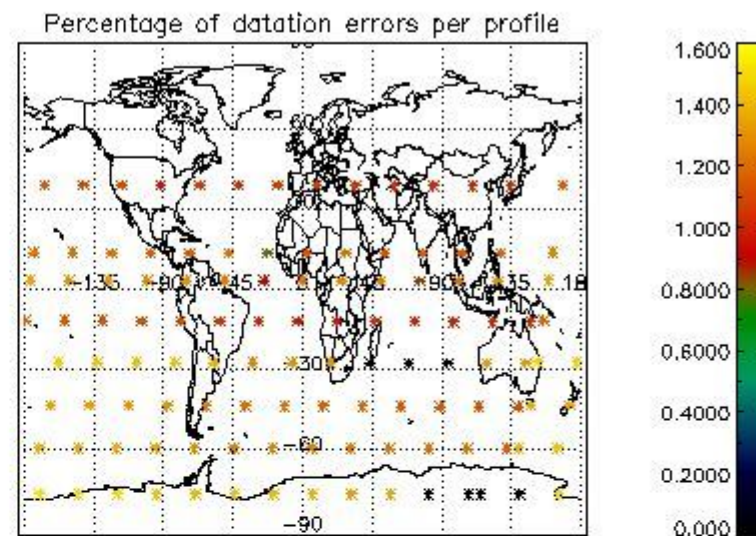
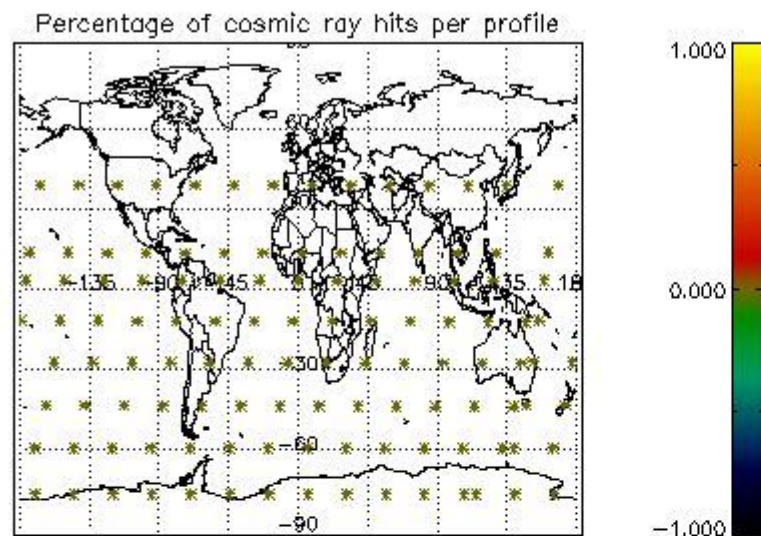
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

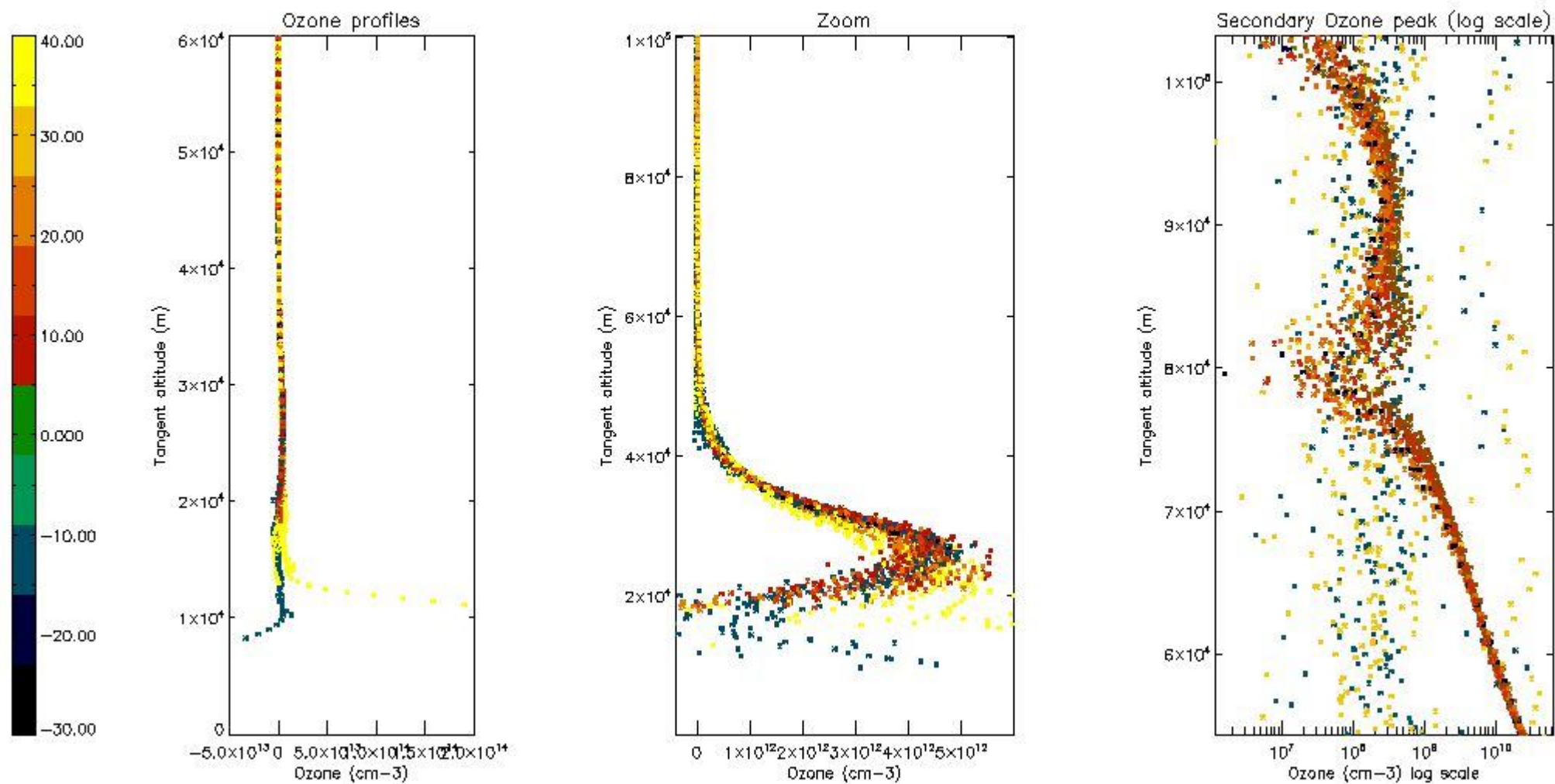
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	36
STD < 20	19

STD < 10	15
STD < 5	11

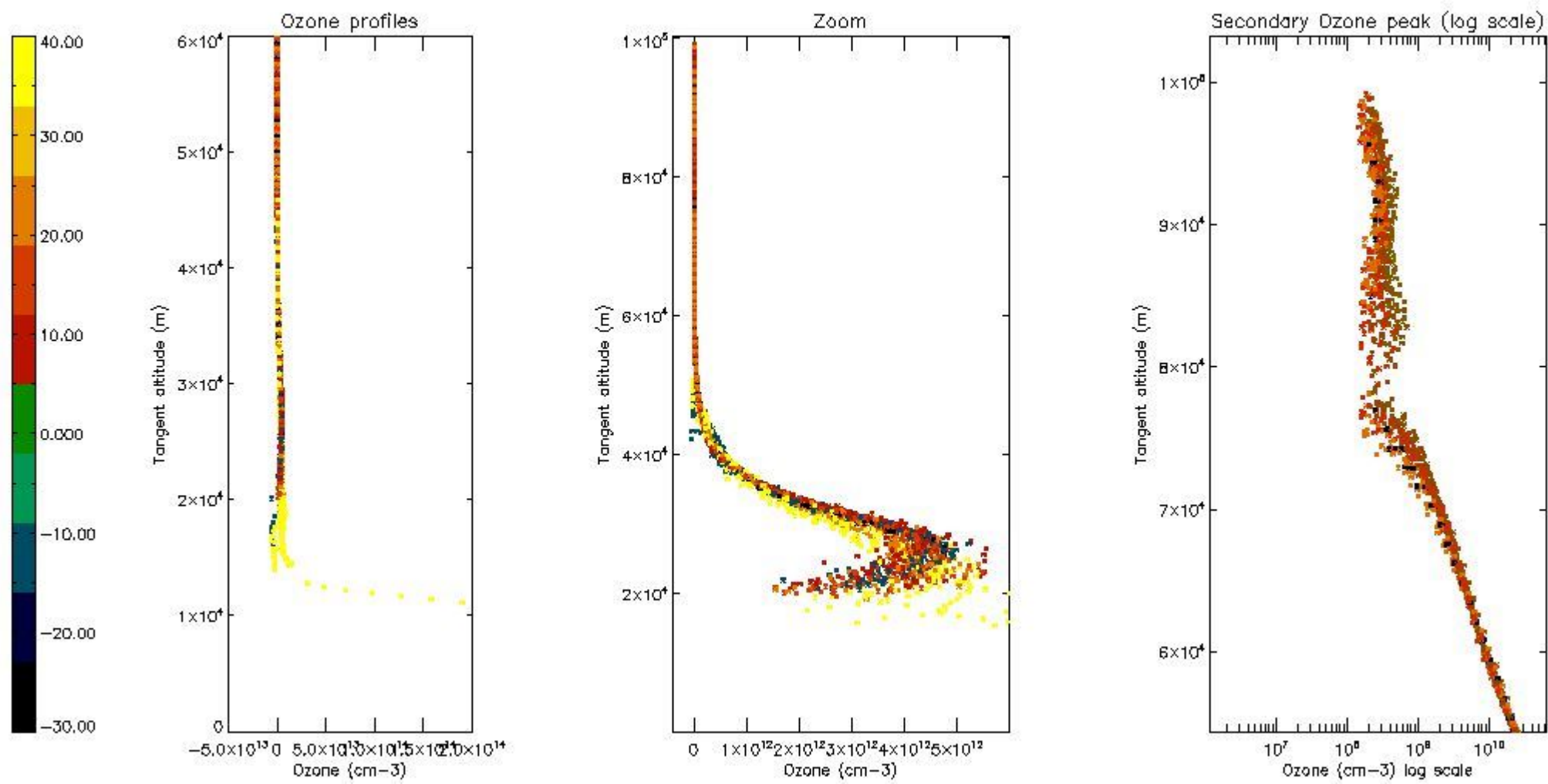
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



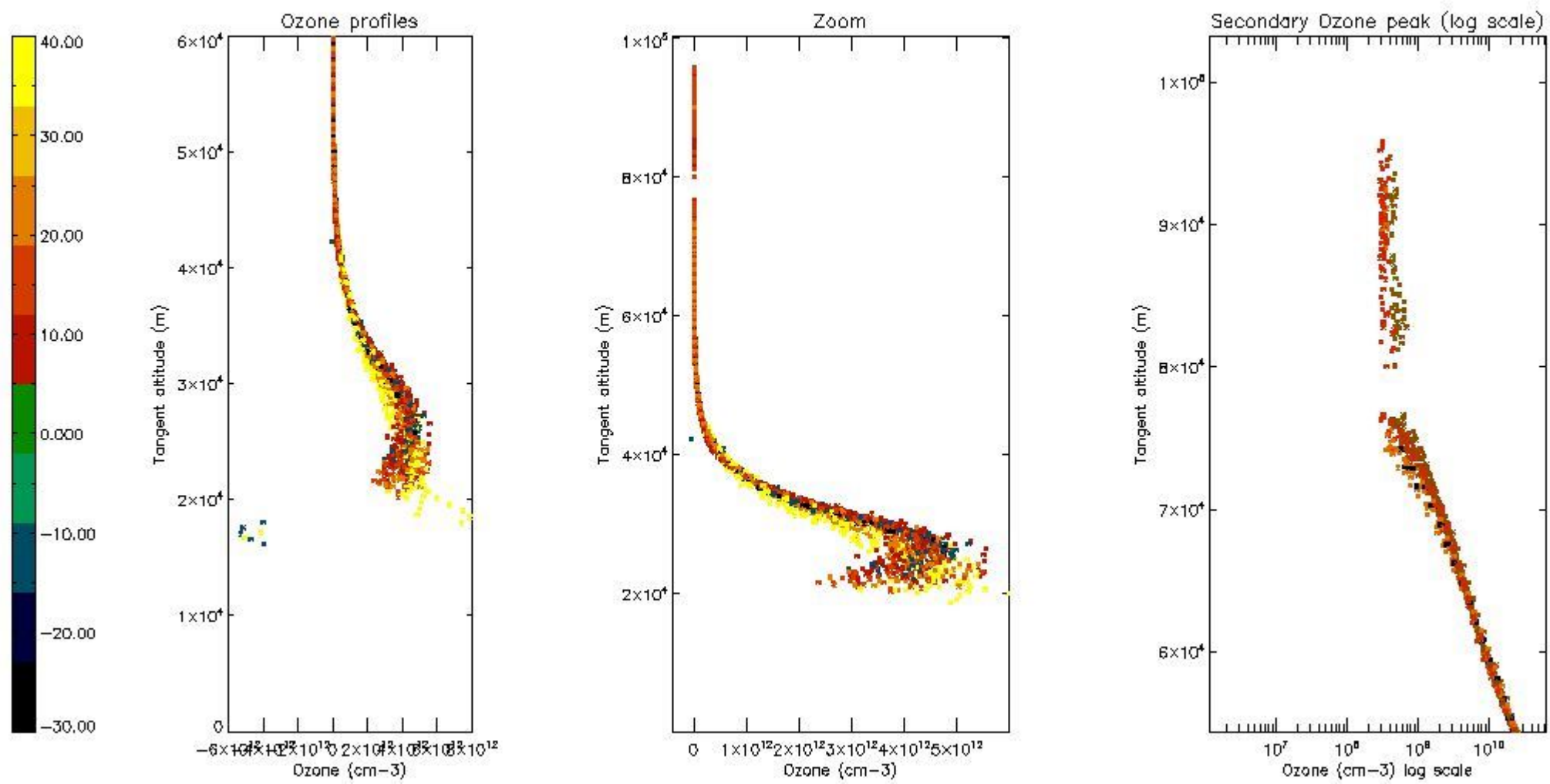
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



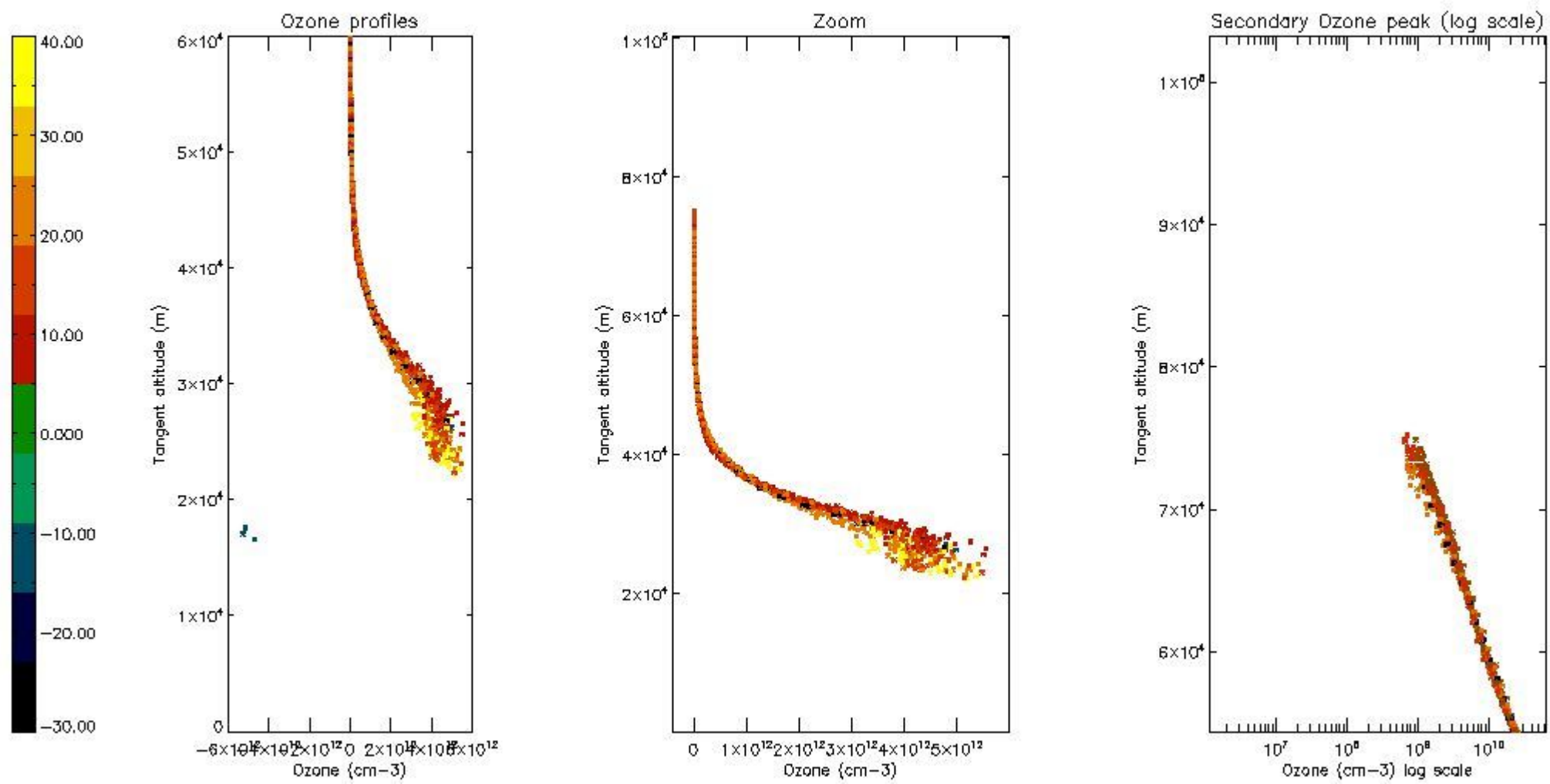
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



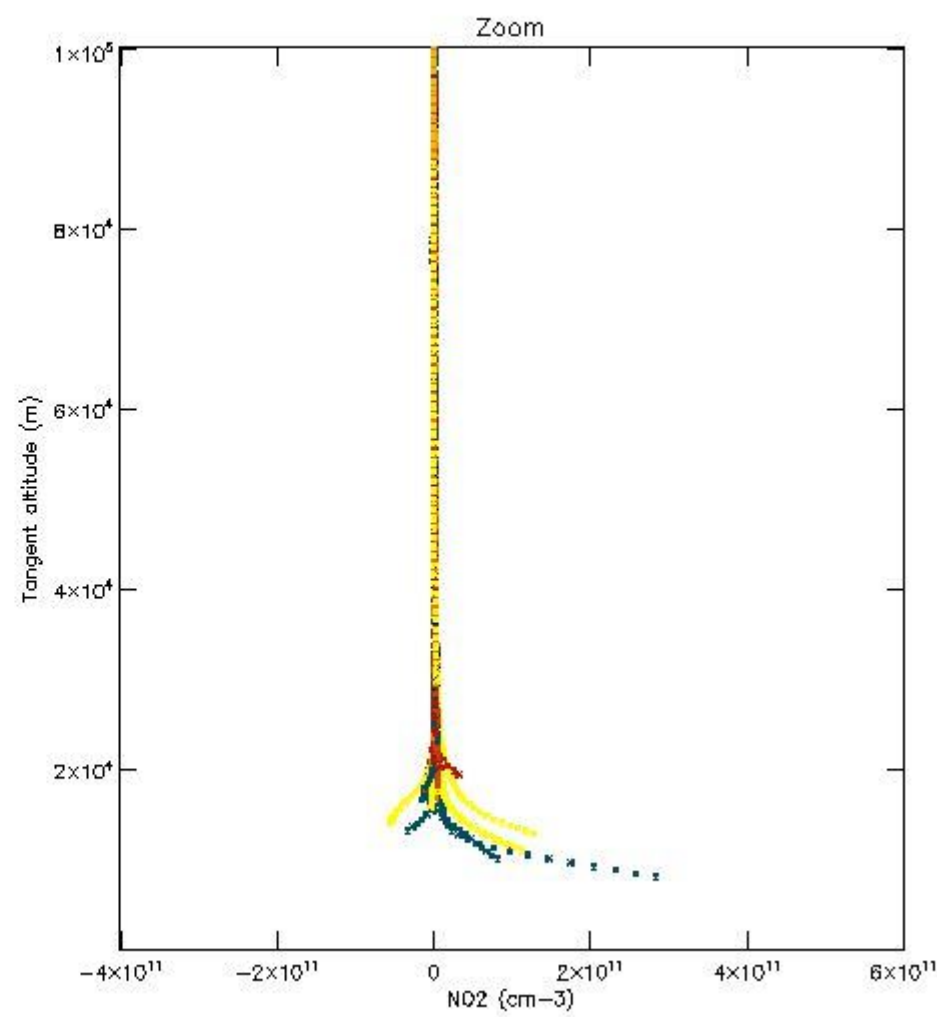
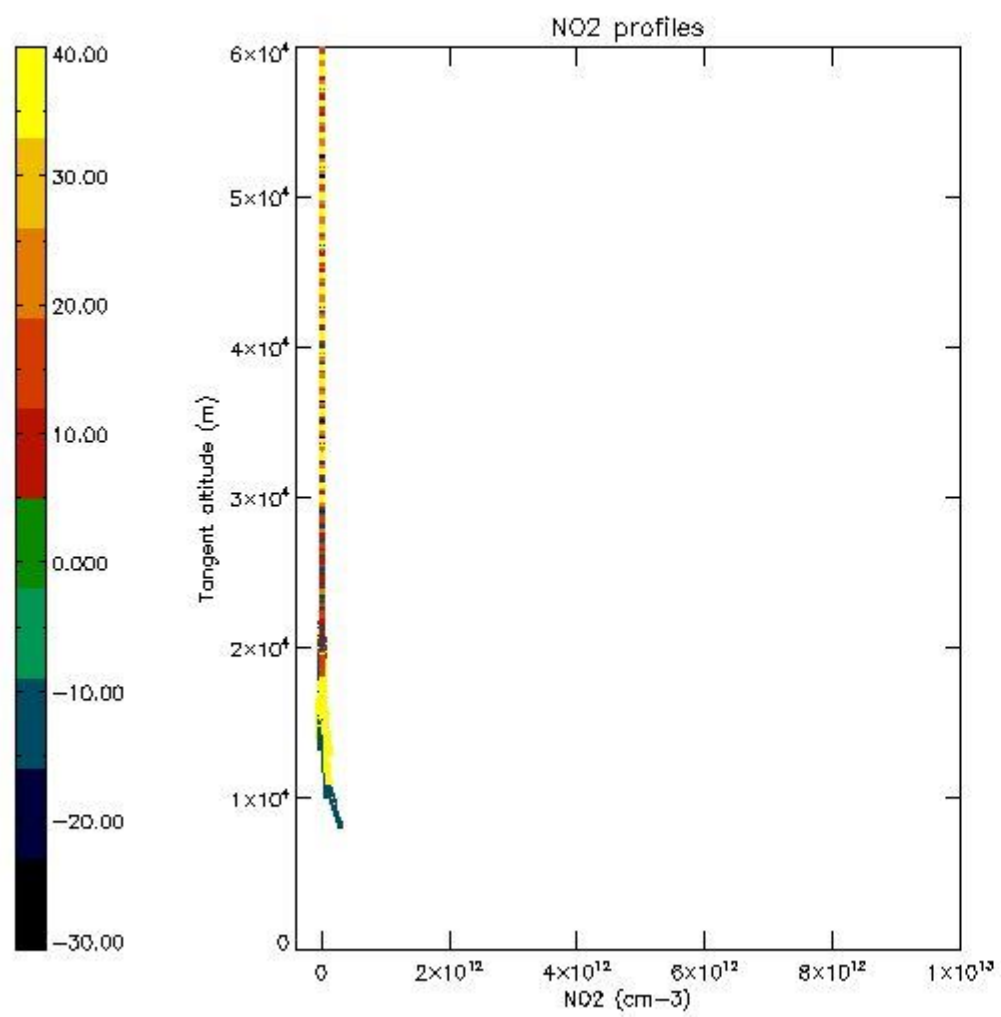
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



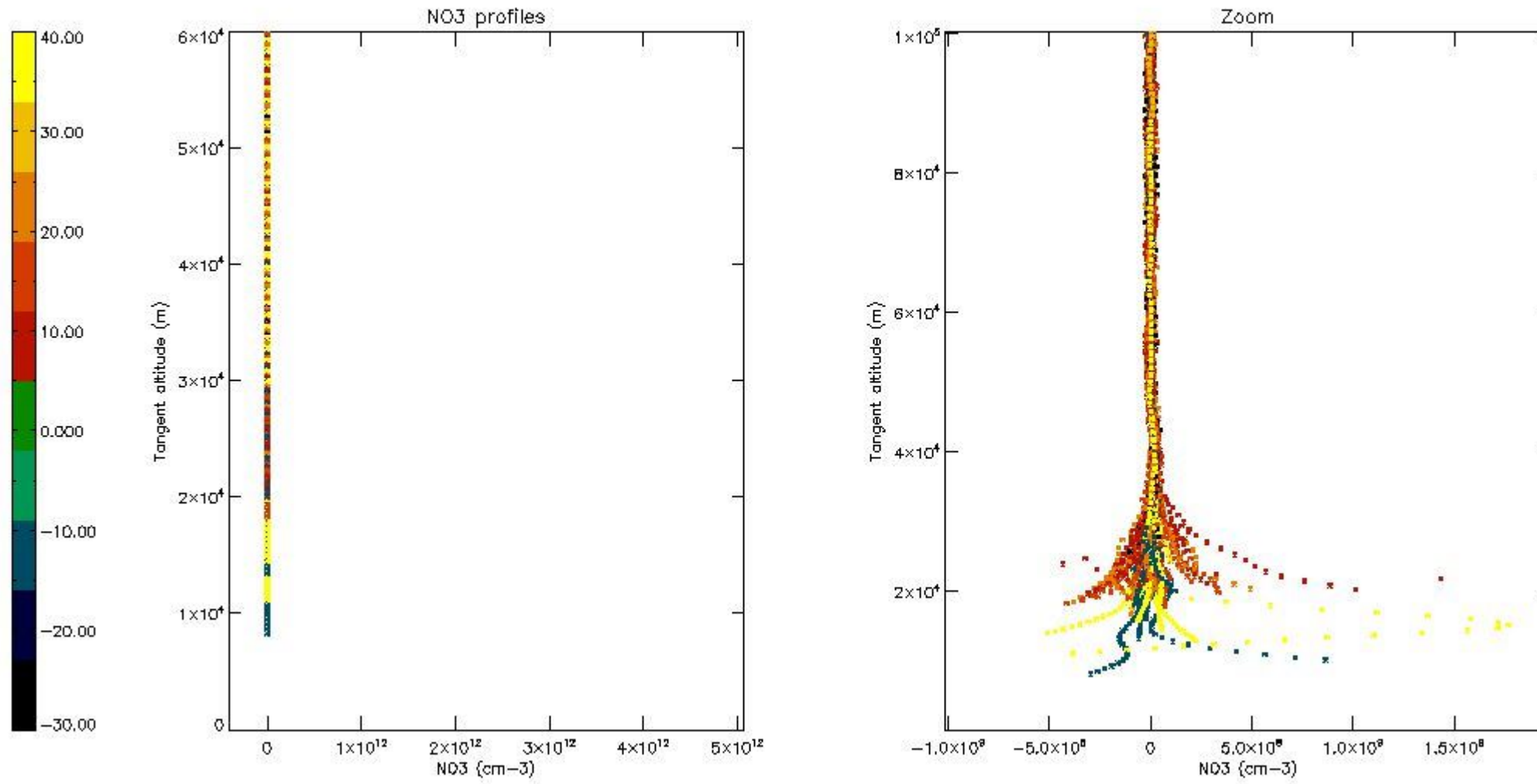
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

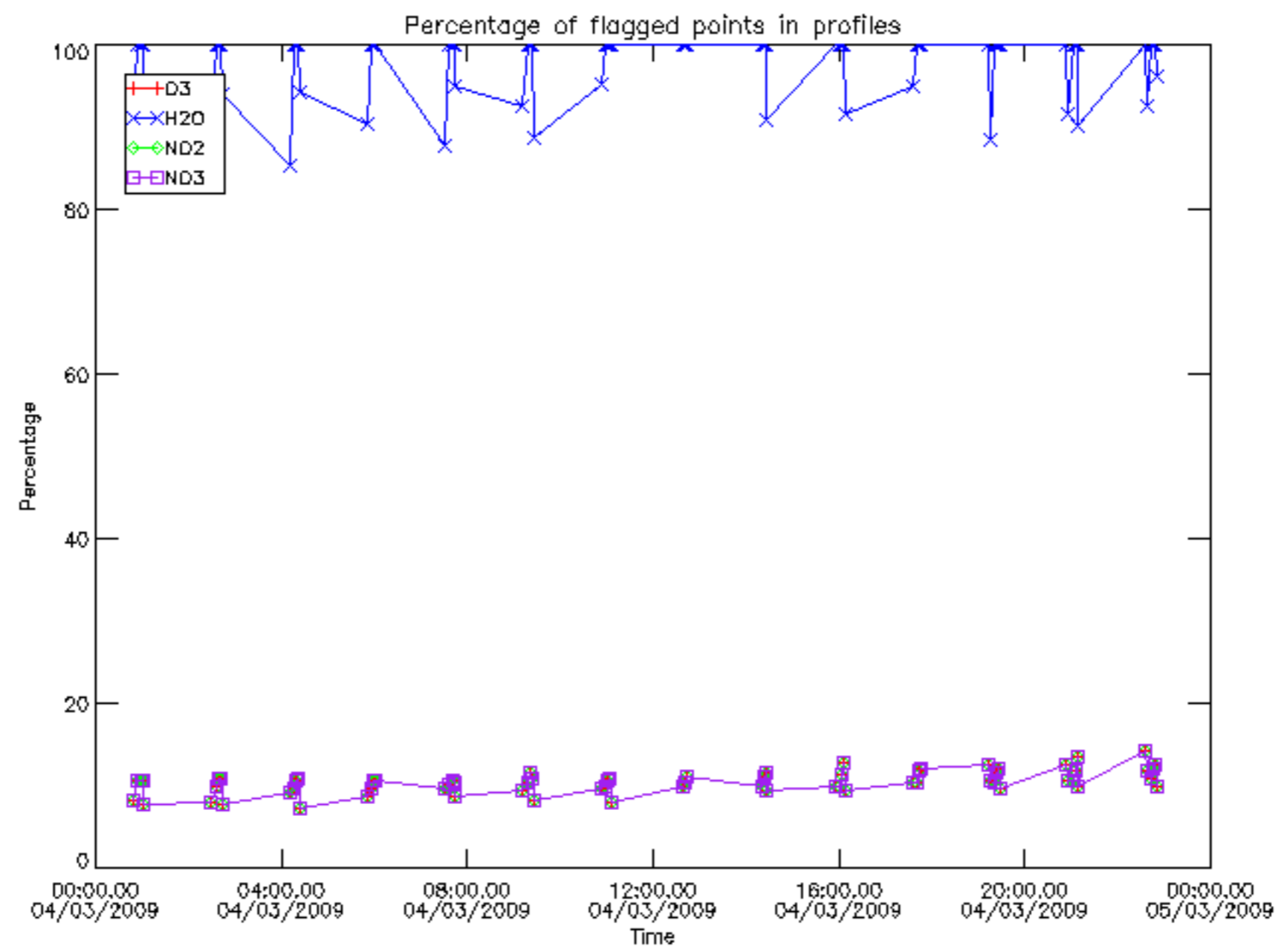
The colorbar represents the latitude.



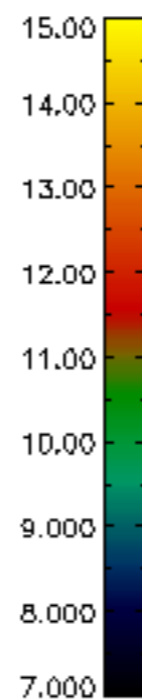
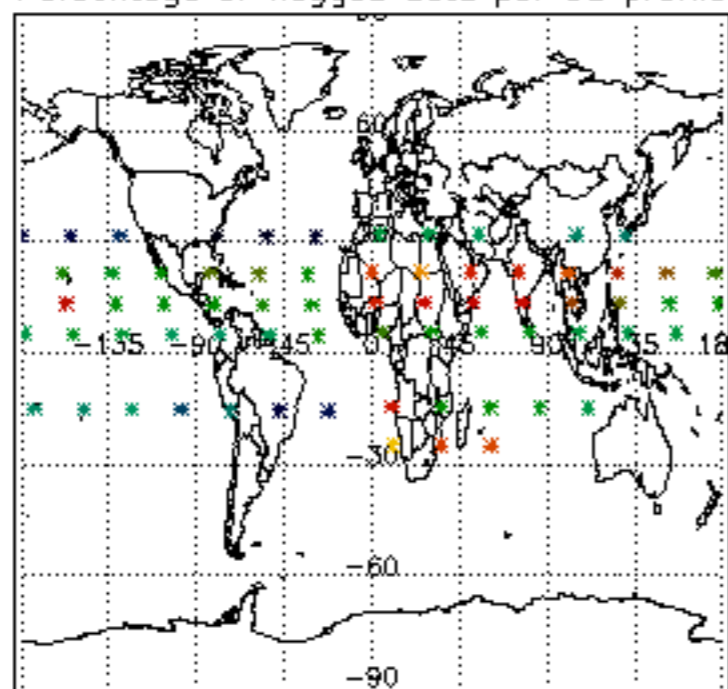
6. Auxiliary Data Files used for the production reported in section 2

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.

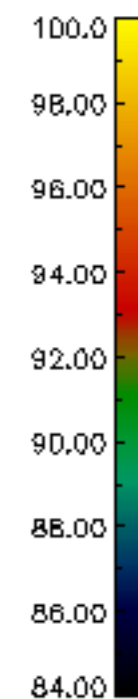
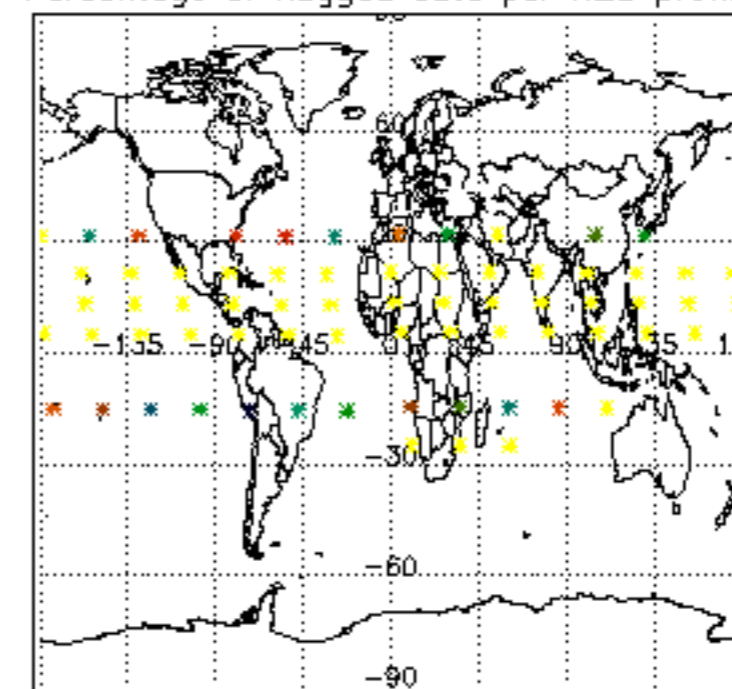
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	04-MAR-2009 00:02:07
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	04-MAR-2009 00:02:07
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	04-MAR-2009 00:02:07



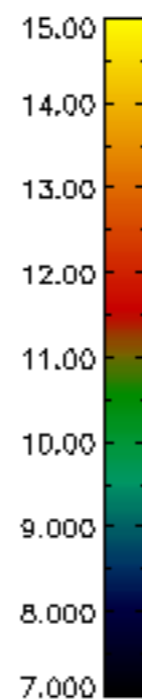
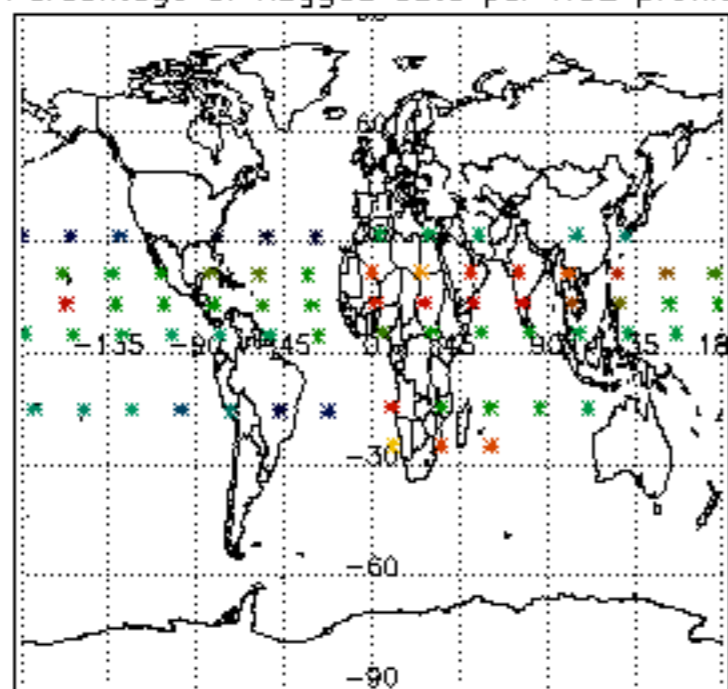
Percentage of flagged data per D3 profile



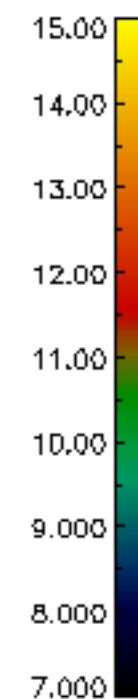
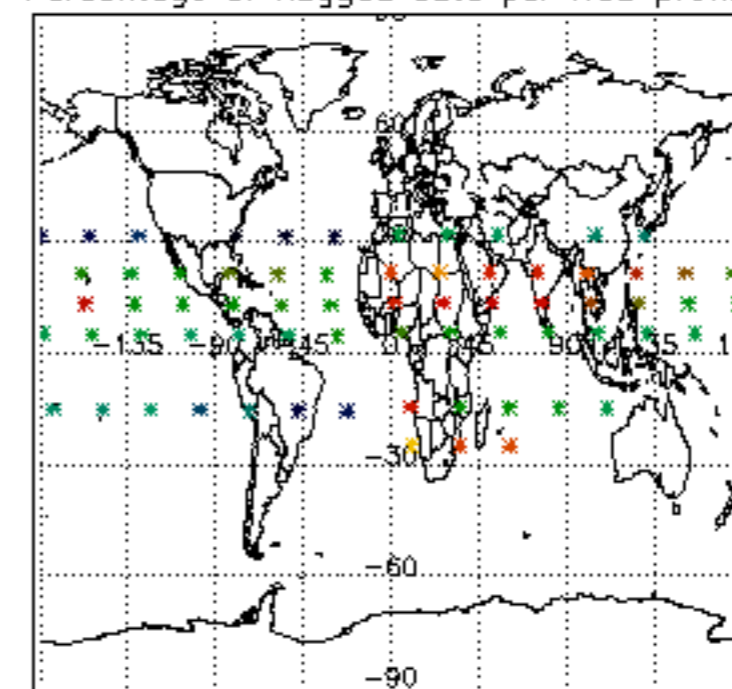
Percentage of flagged data per H2O profile

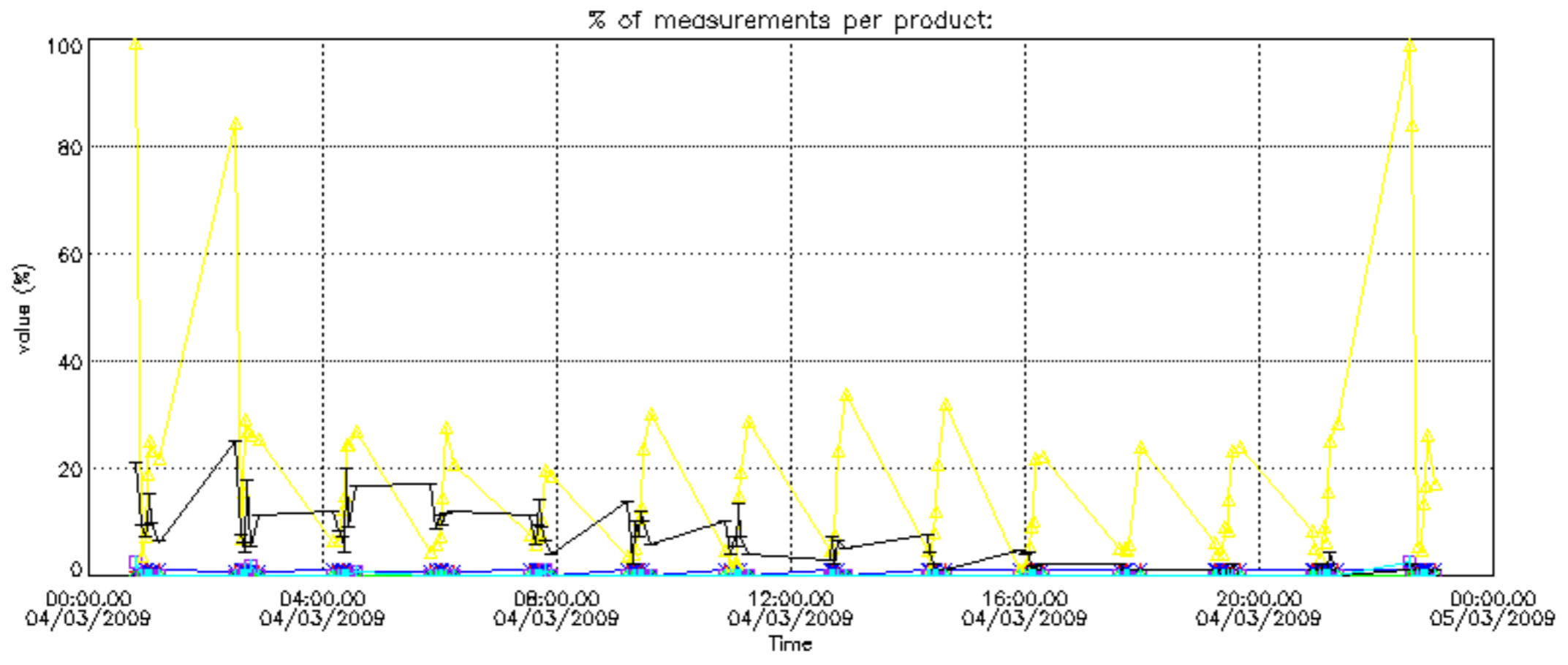


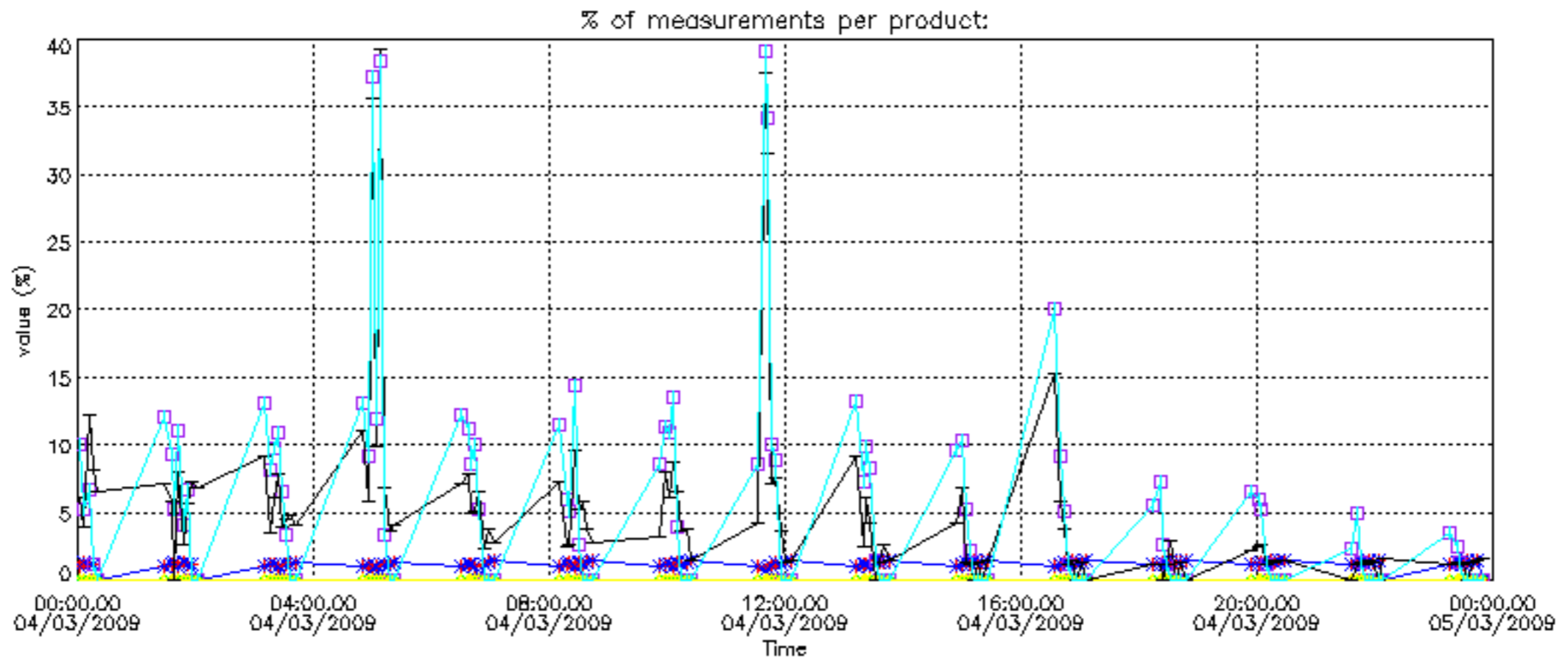
Percentage of flagged data per NO2 profile



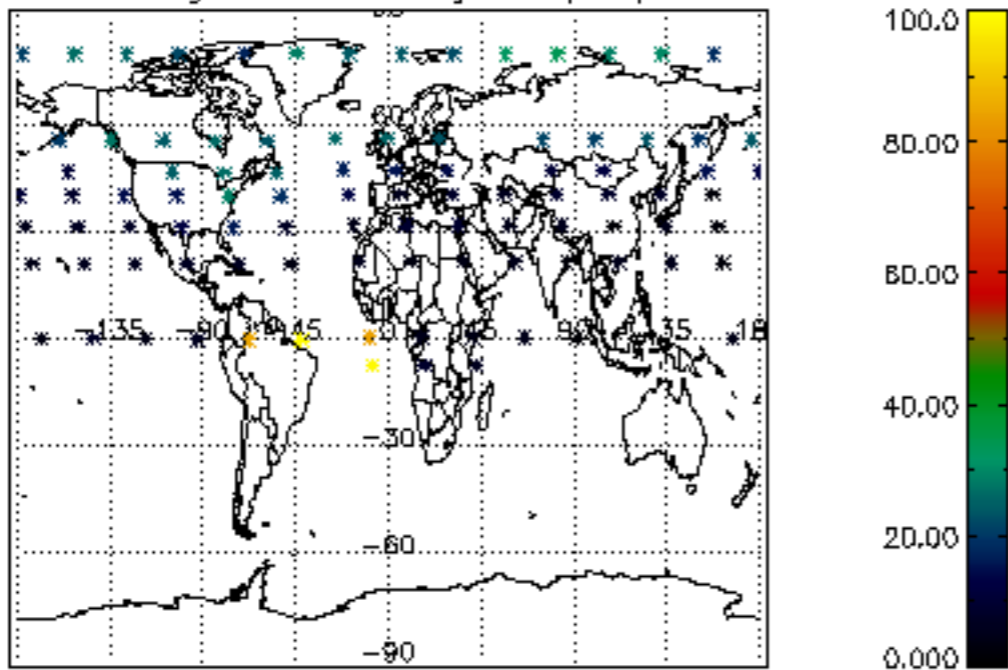
Percentage of flagged data per NO3 profile



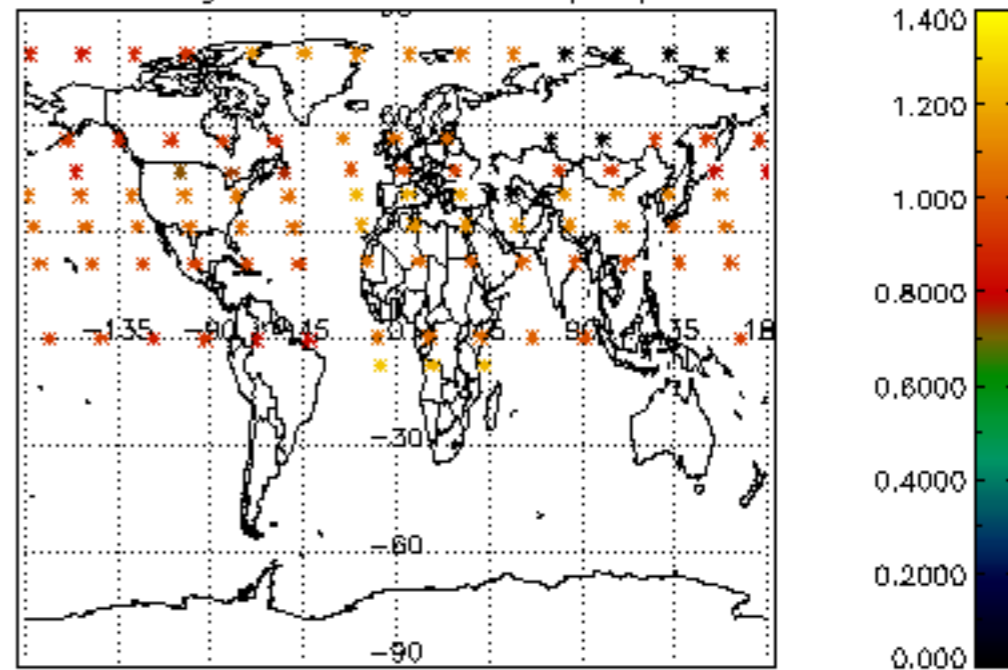




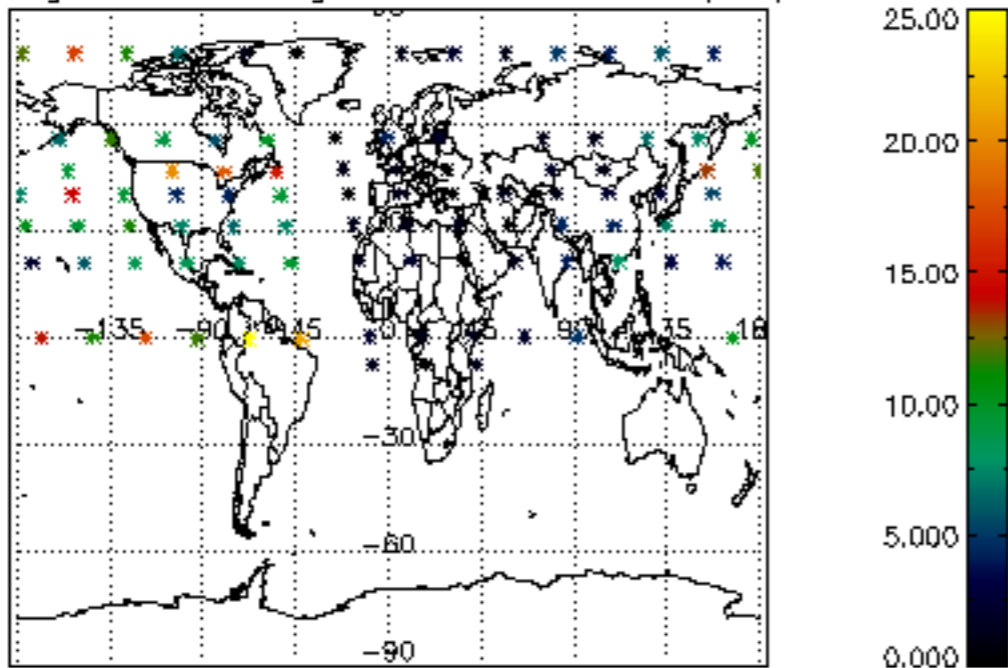
Percentage of cosmic ray hits per profile



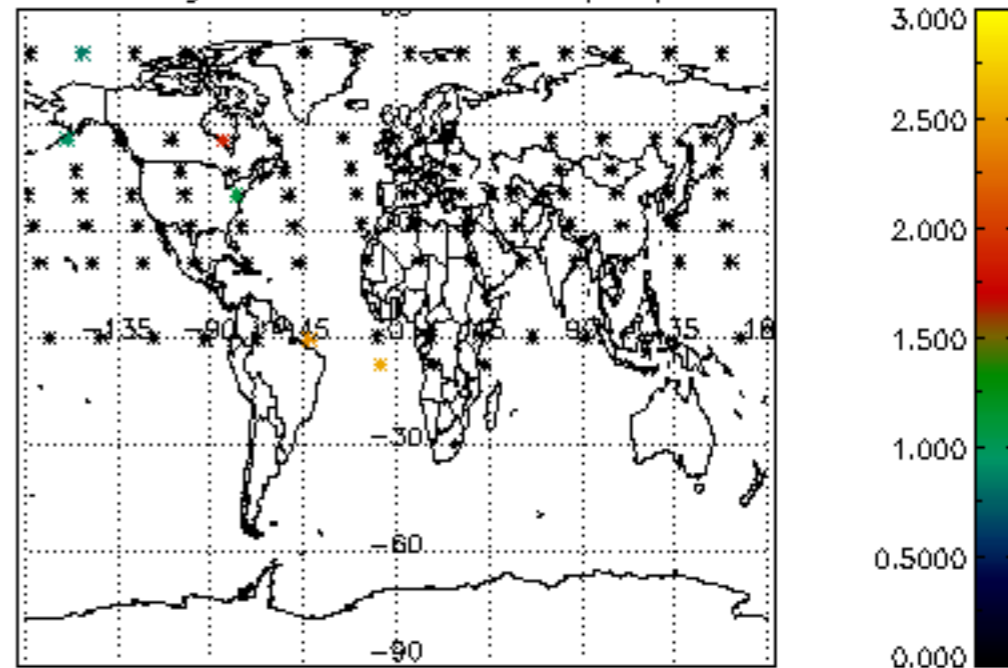
Percentage of datation errors per profile



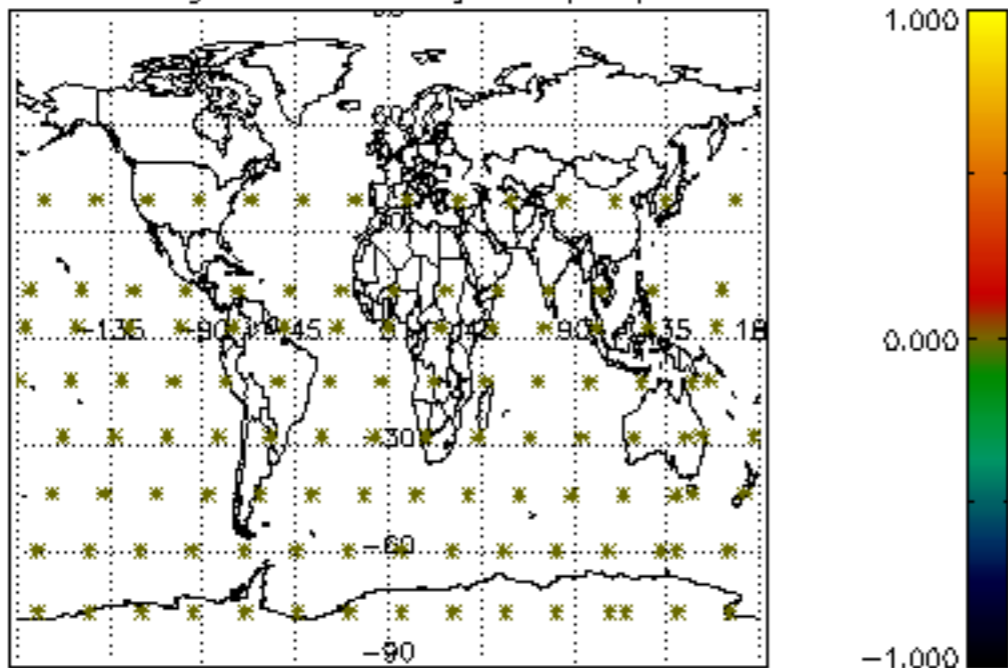
Percentage of star falling outside central band per profile



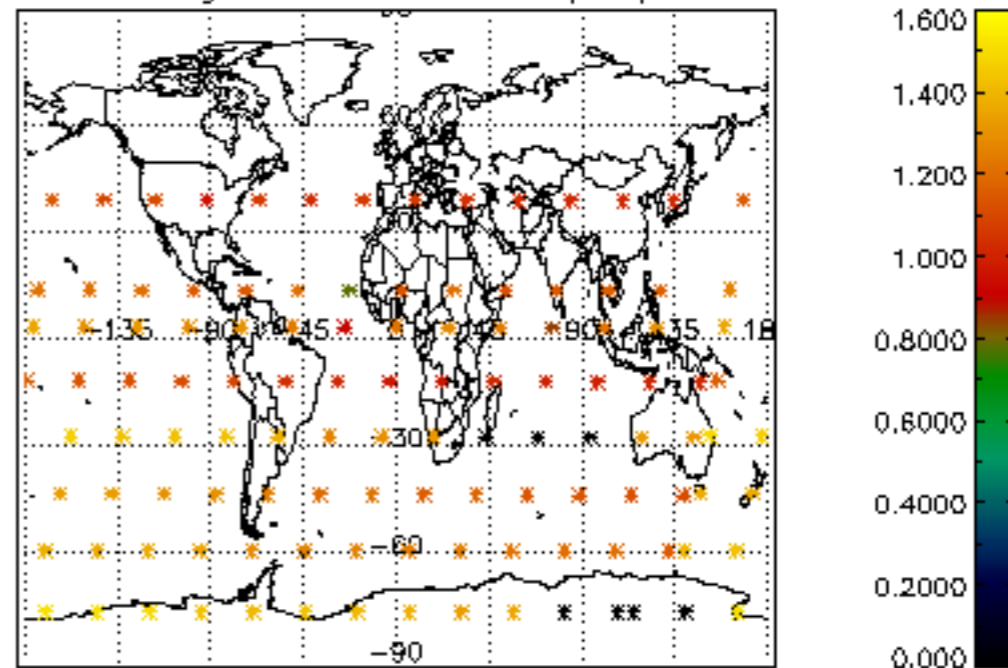
Percentage of saturation errors per profile



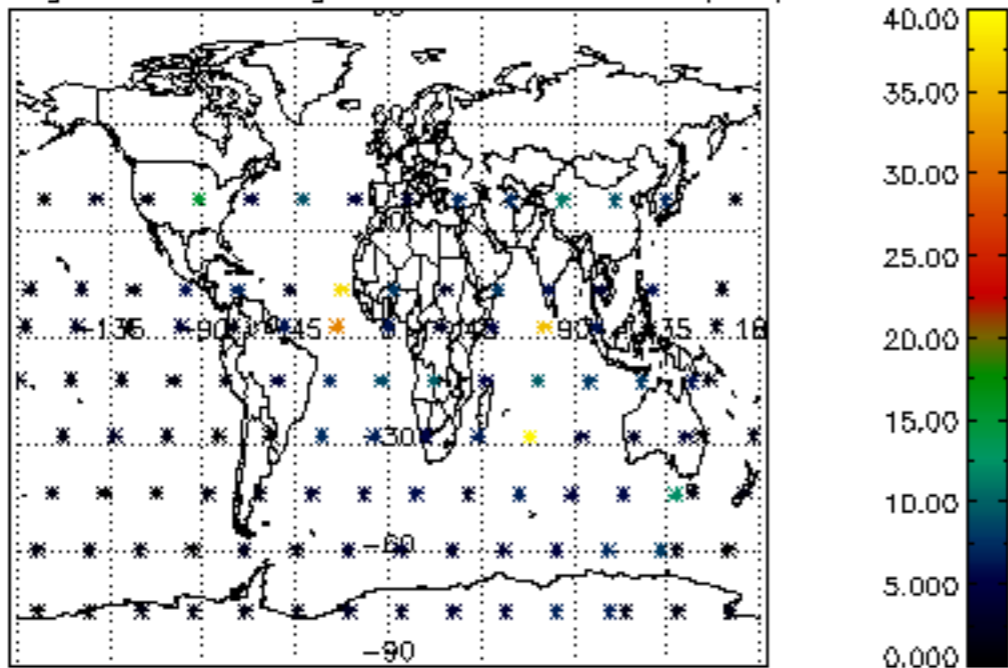
Percentage of cosmic ray hits per profile



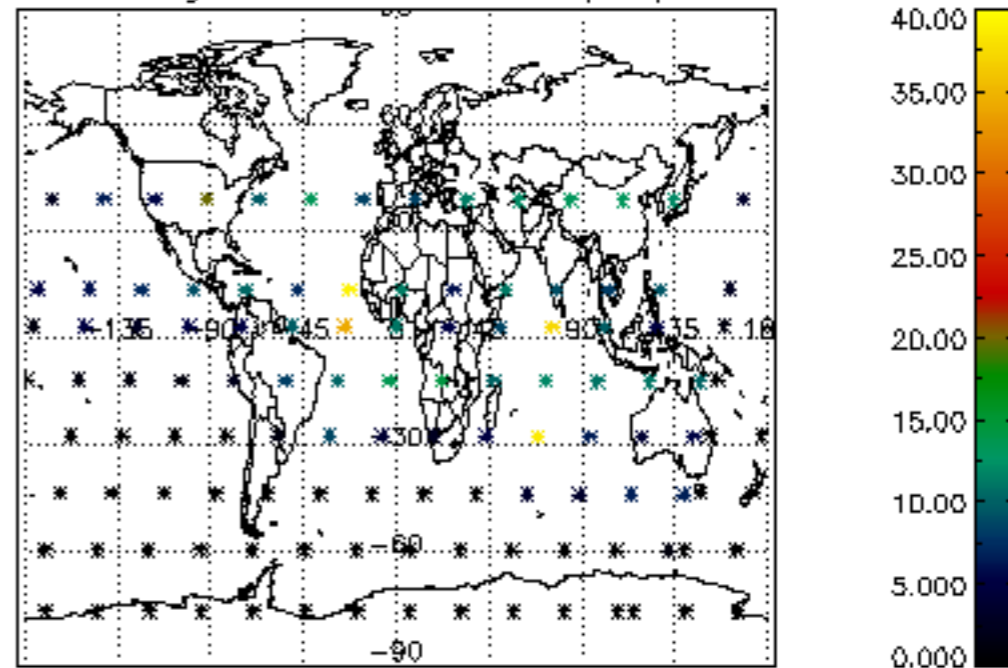
Percentage of datation errors per profile

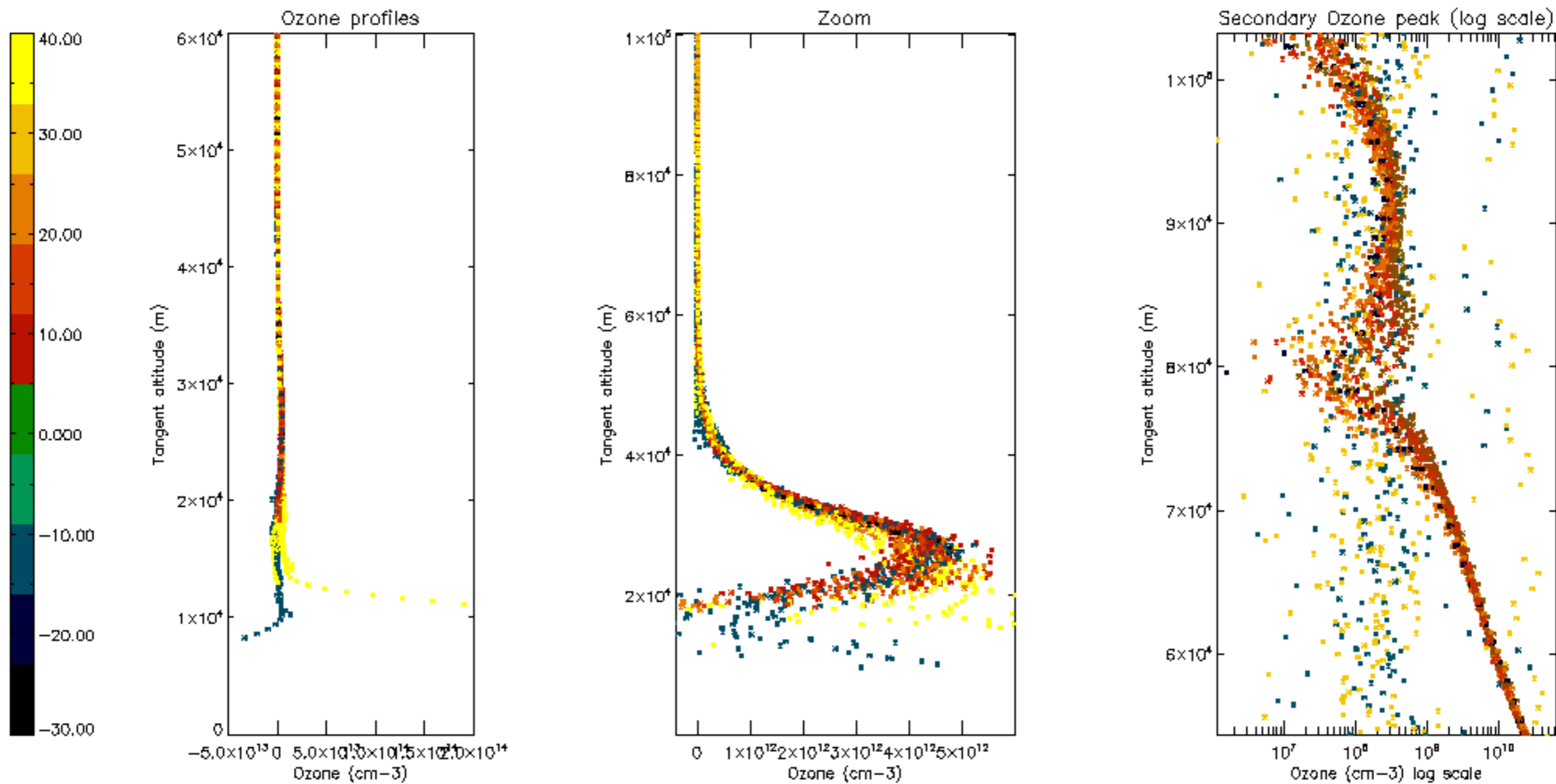


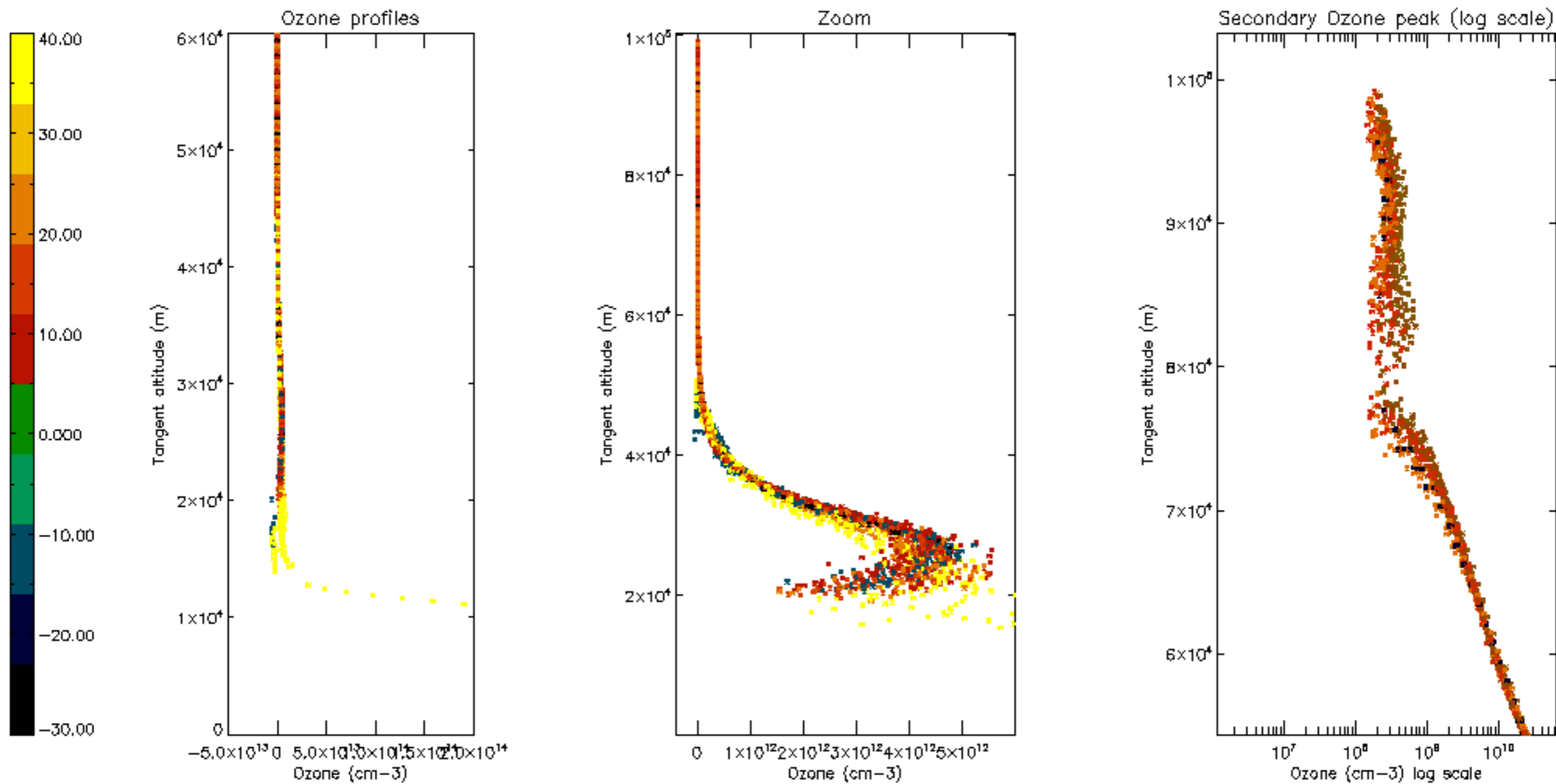
Percentage of star falling outside central band per profile

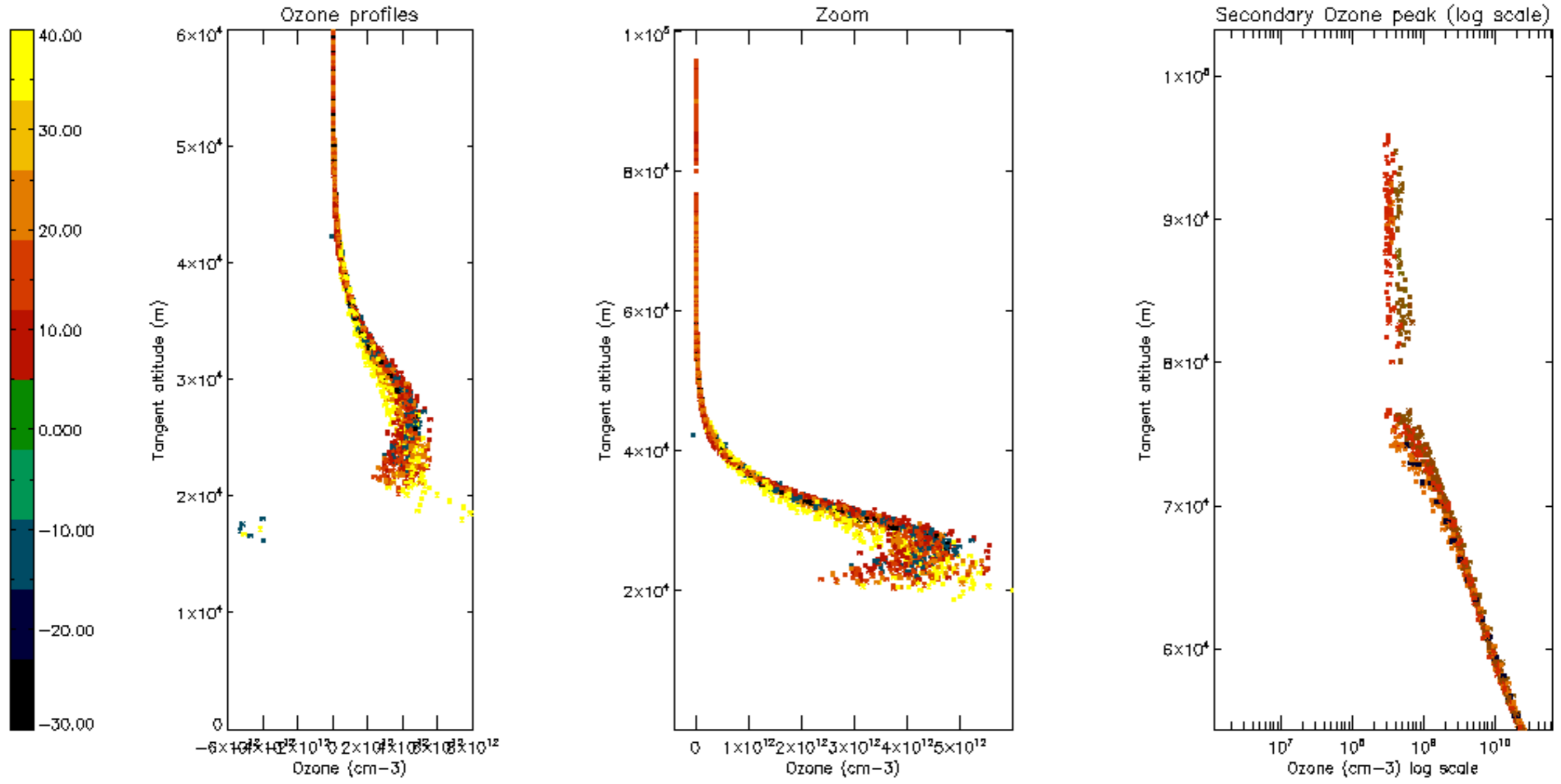


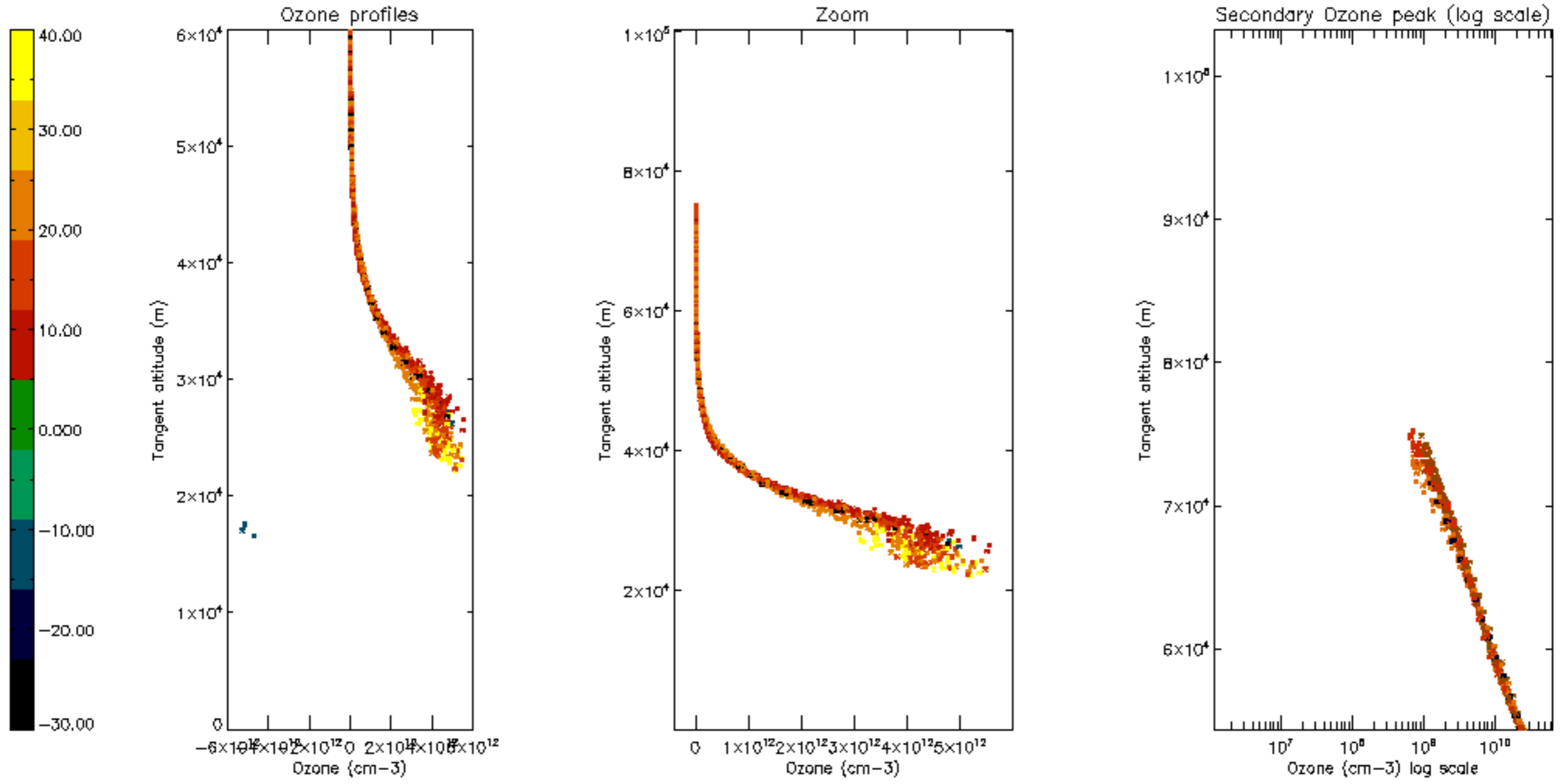
Percentage of saturation errors per profile

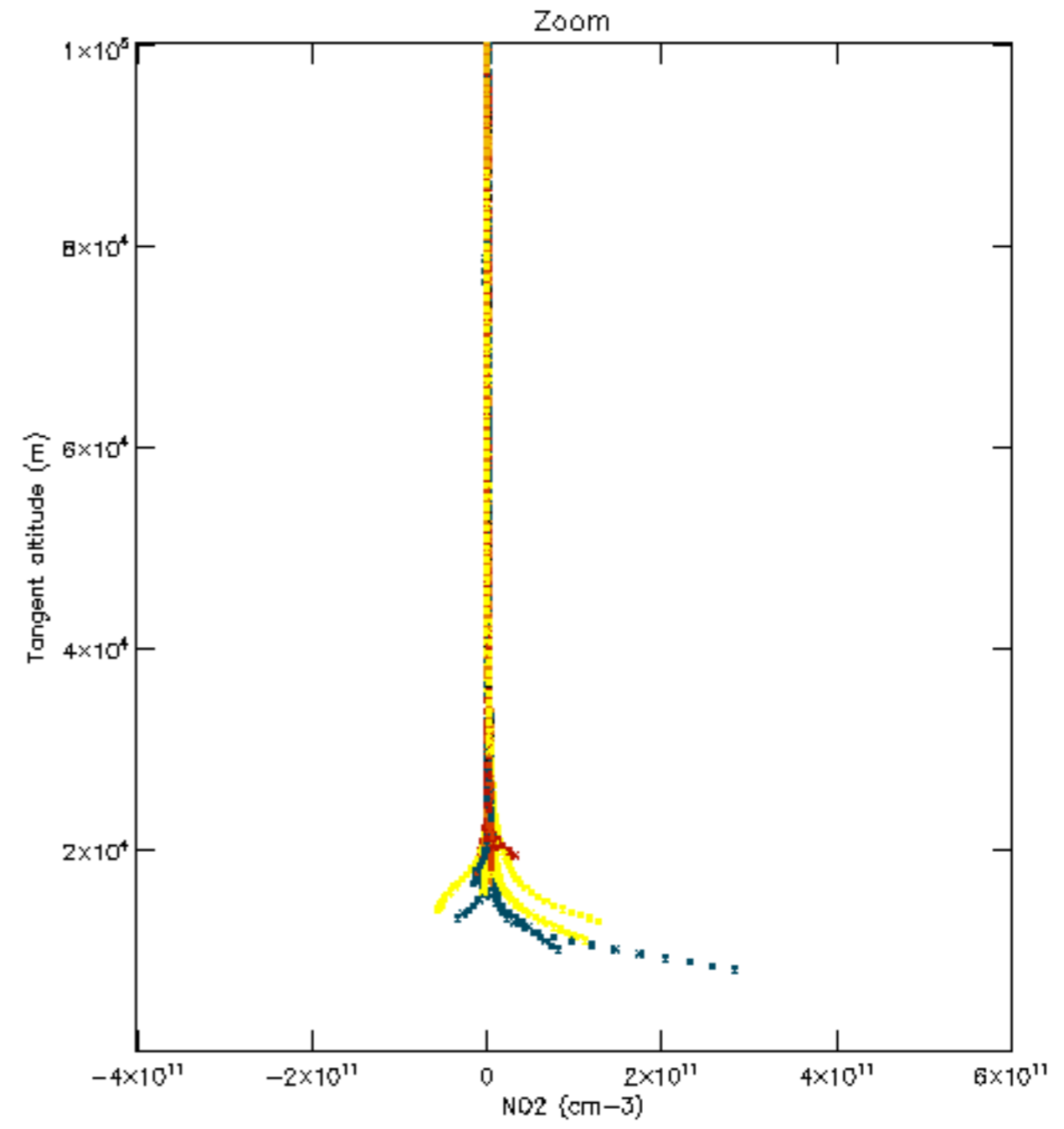
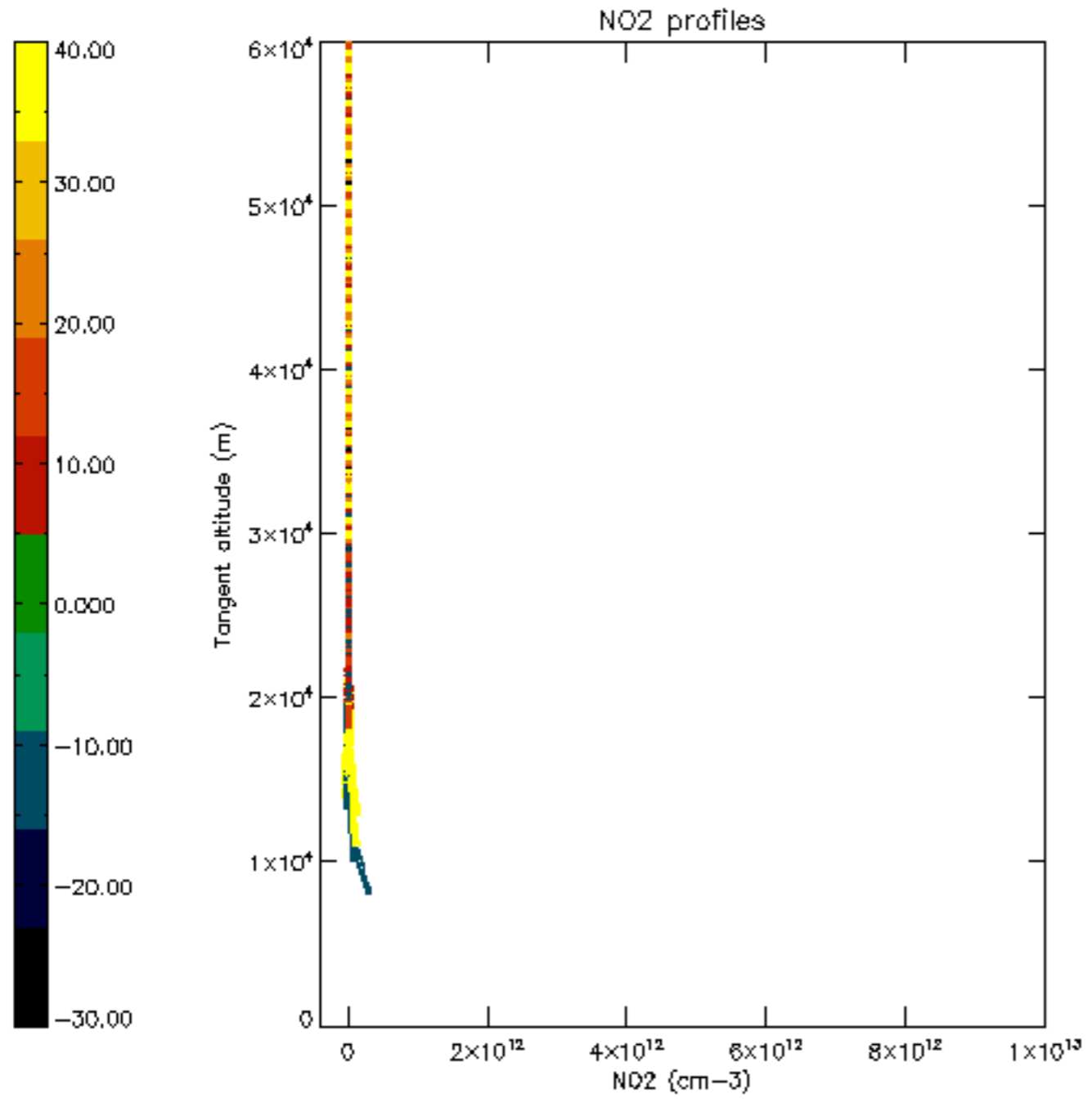


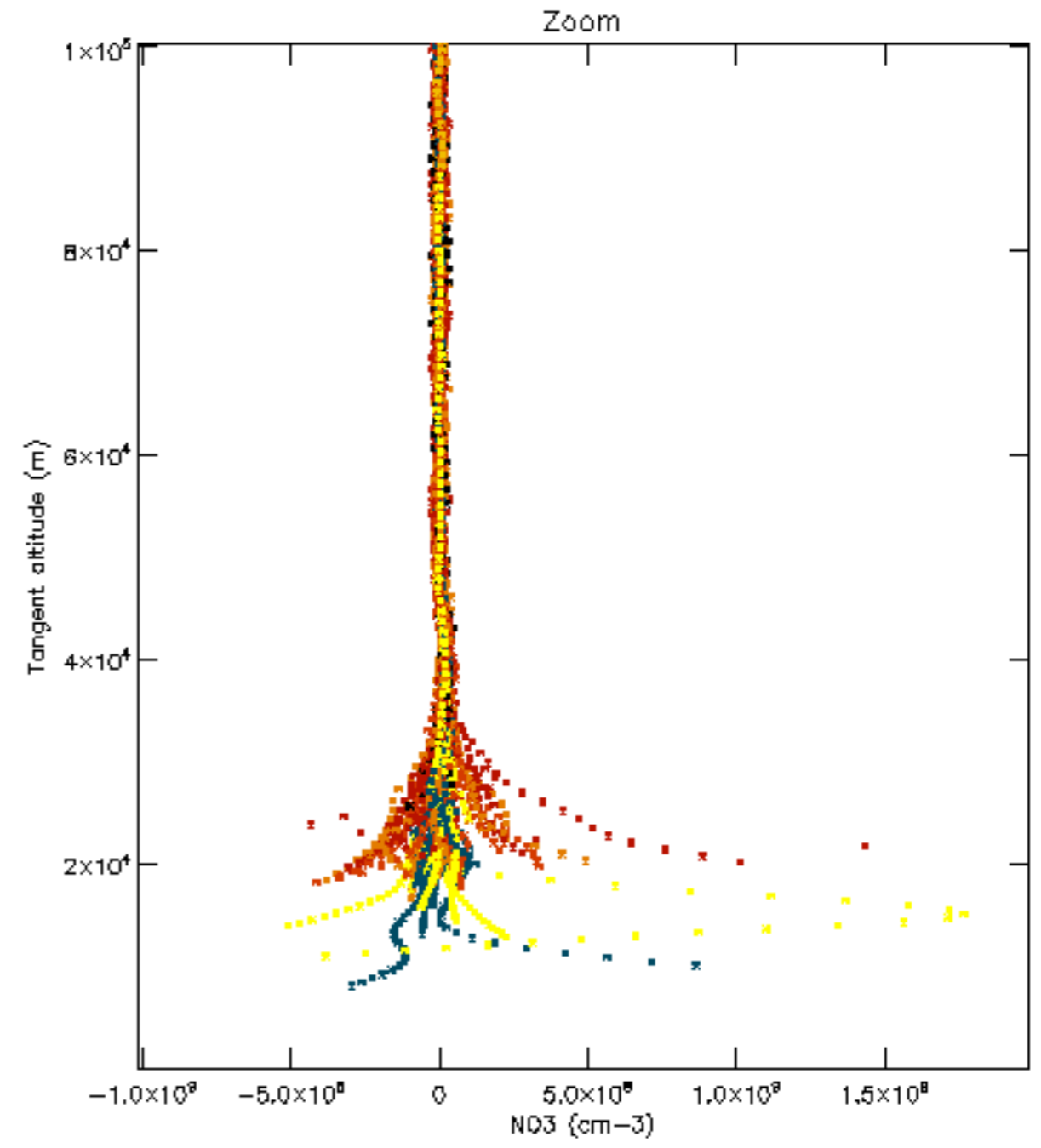
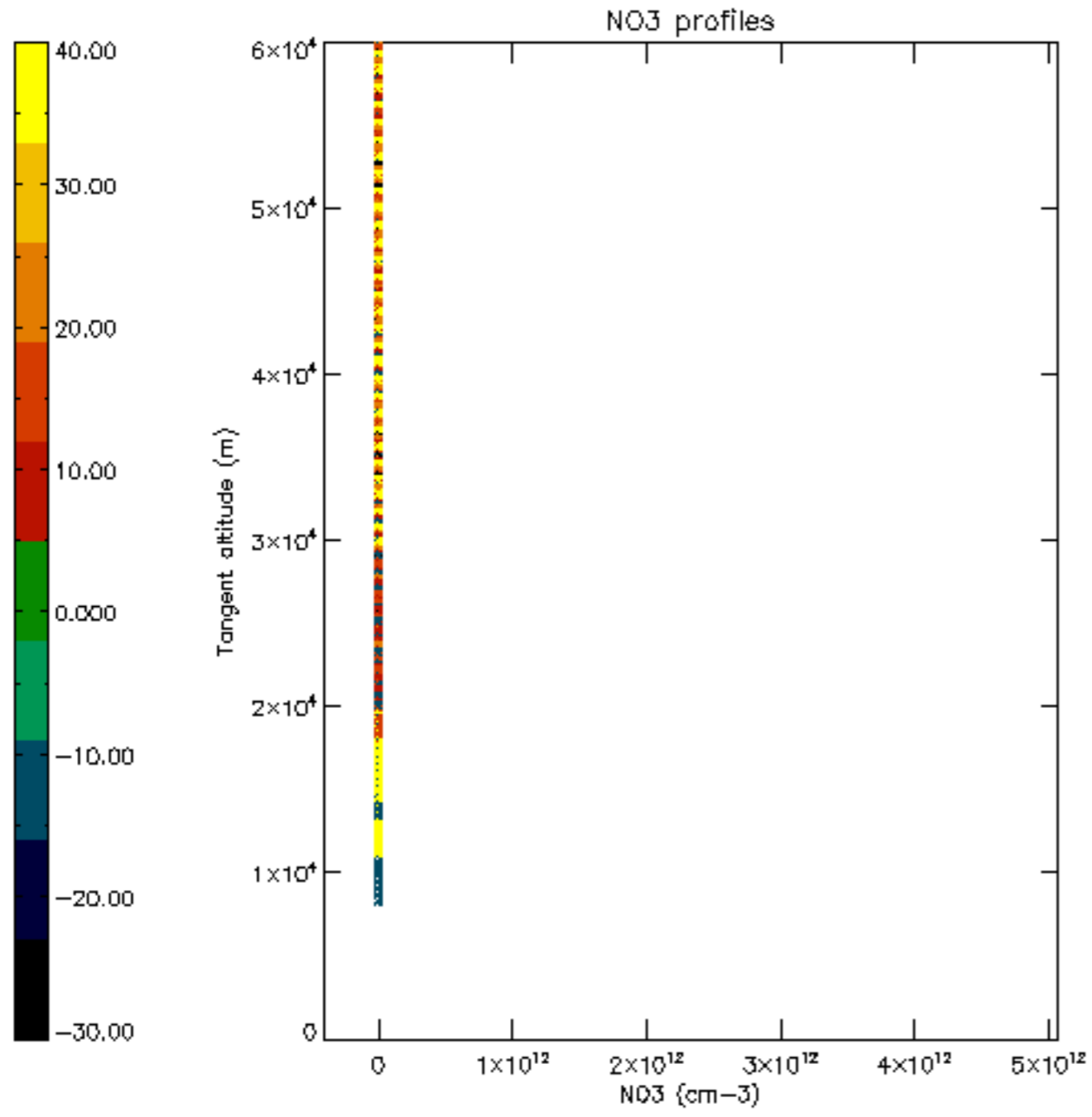


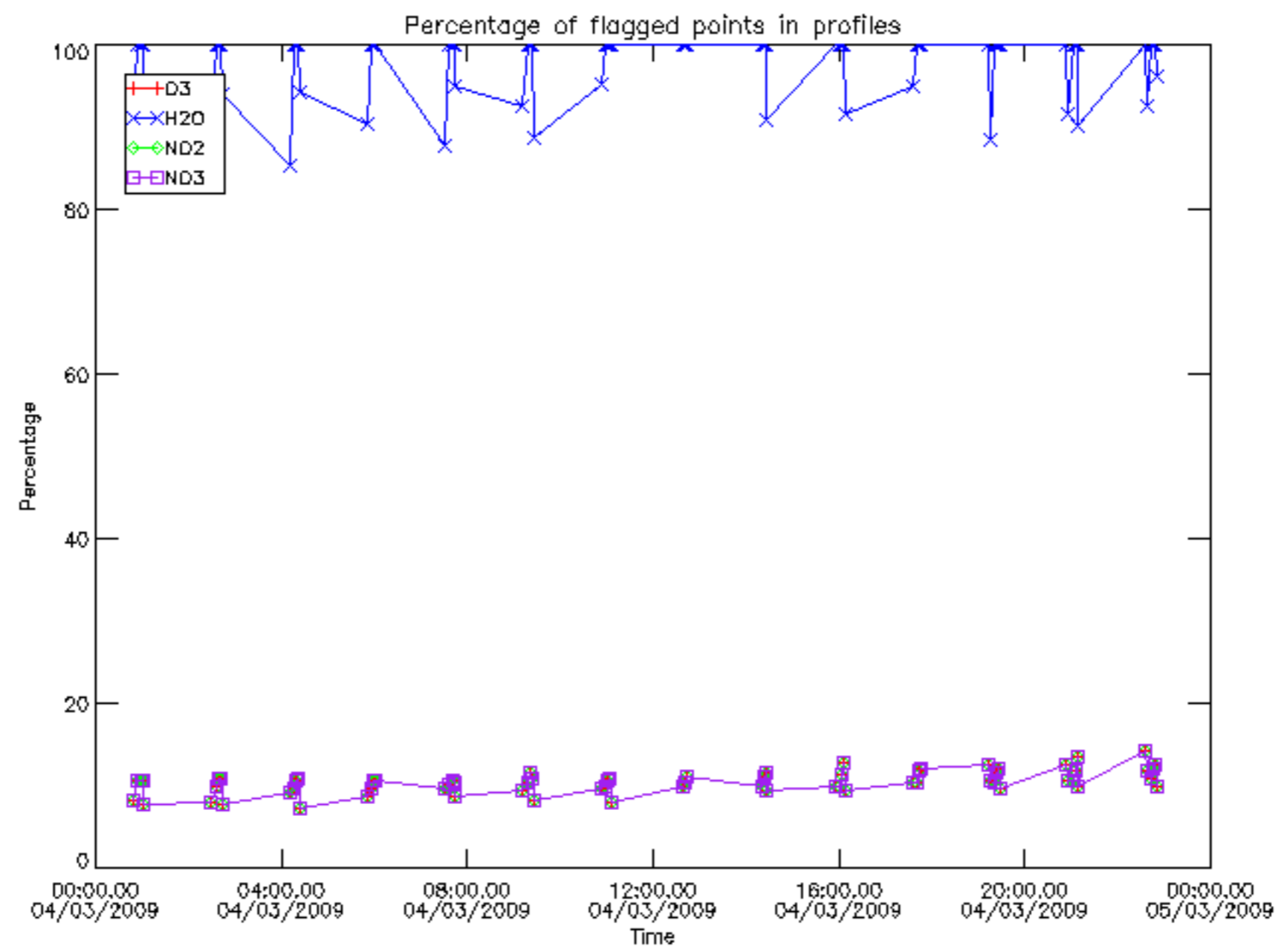




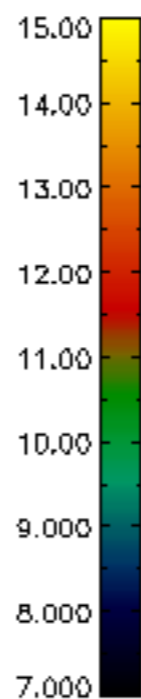
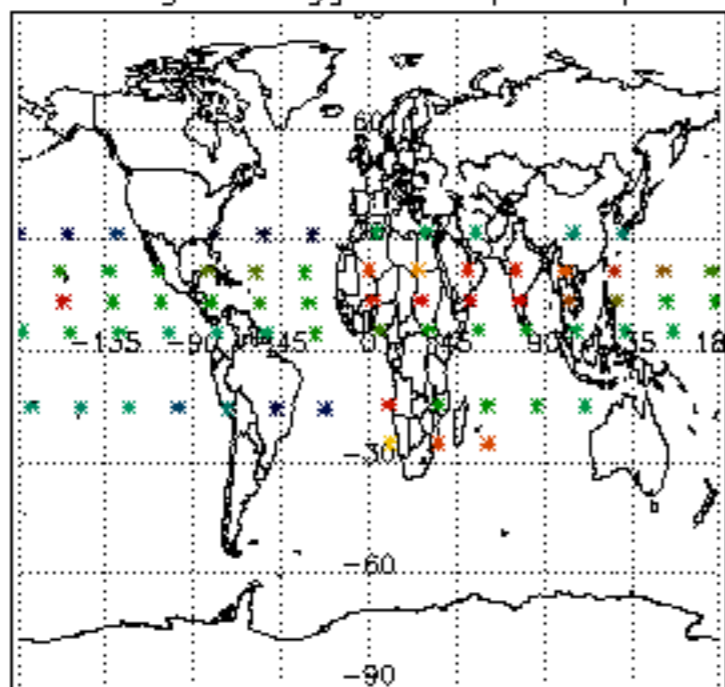




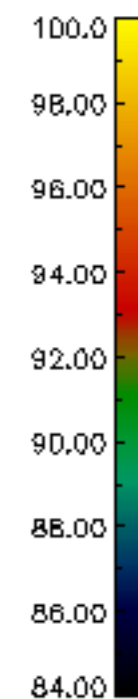
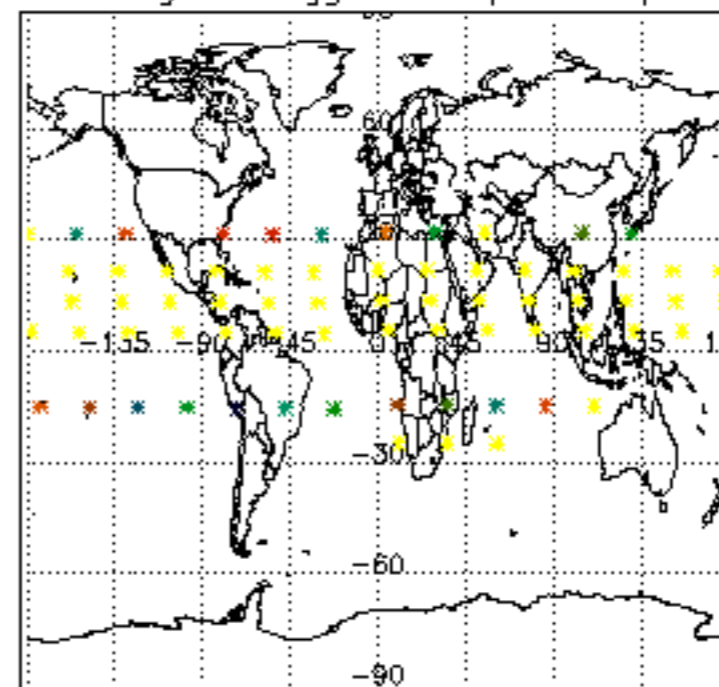




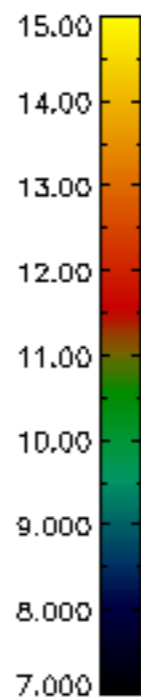
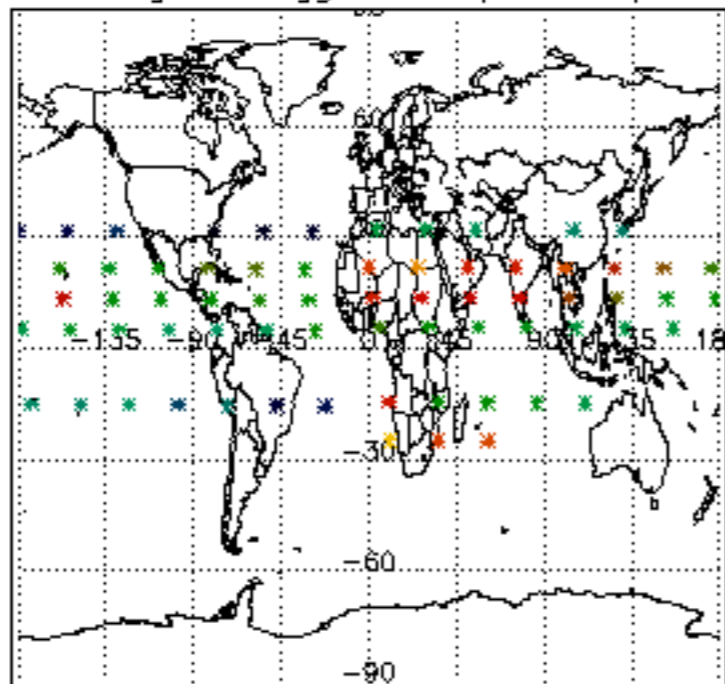
Percentage of flagged data per D3 profile



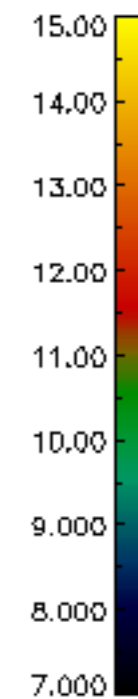
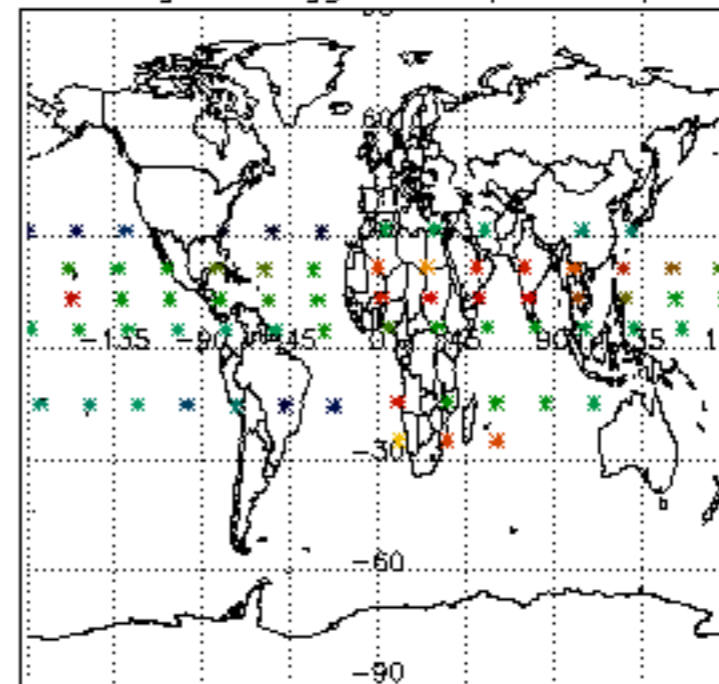
Percentage of flagged data per H2O profile

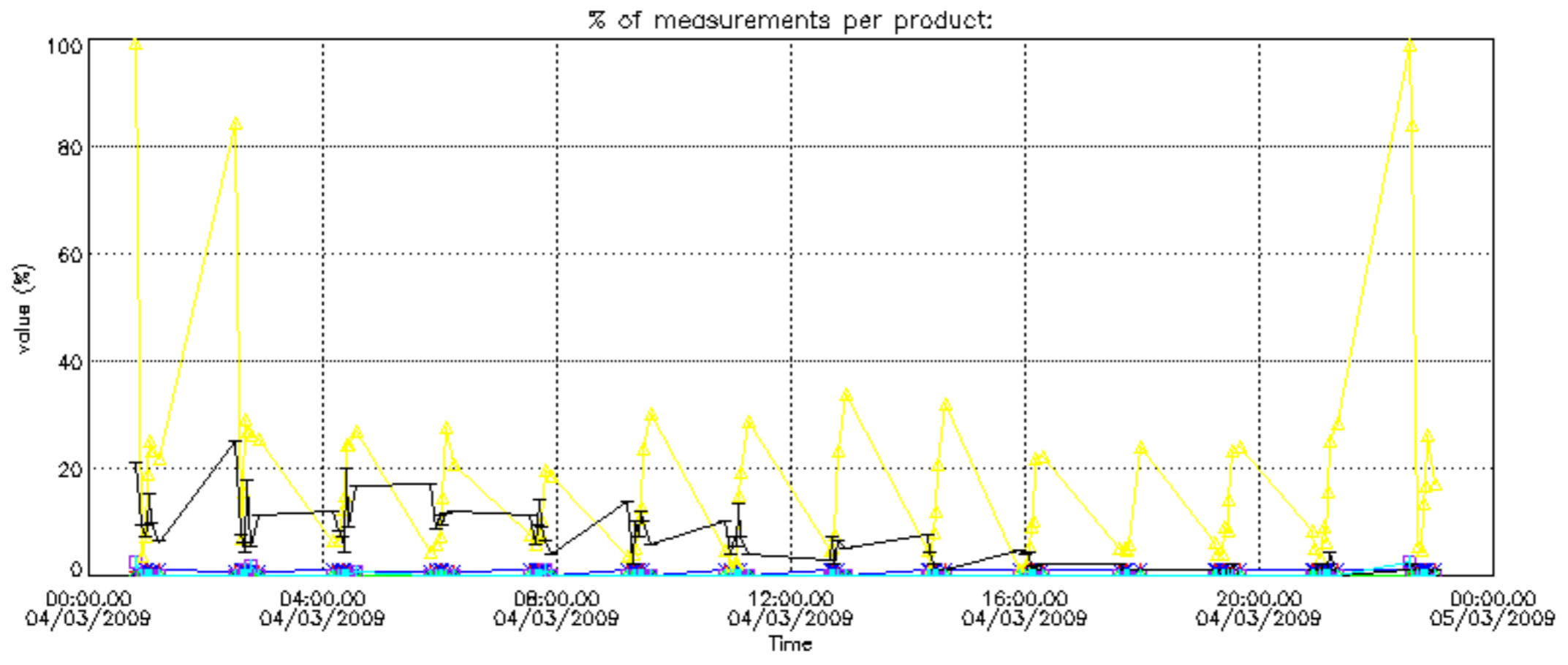


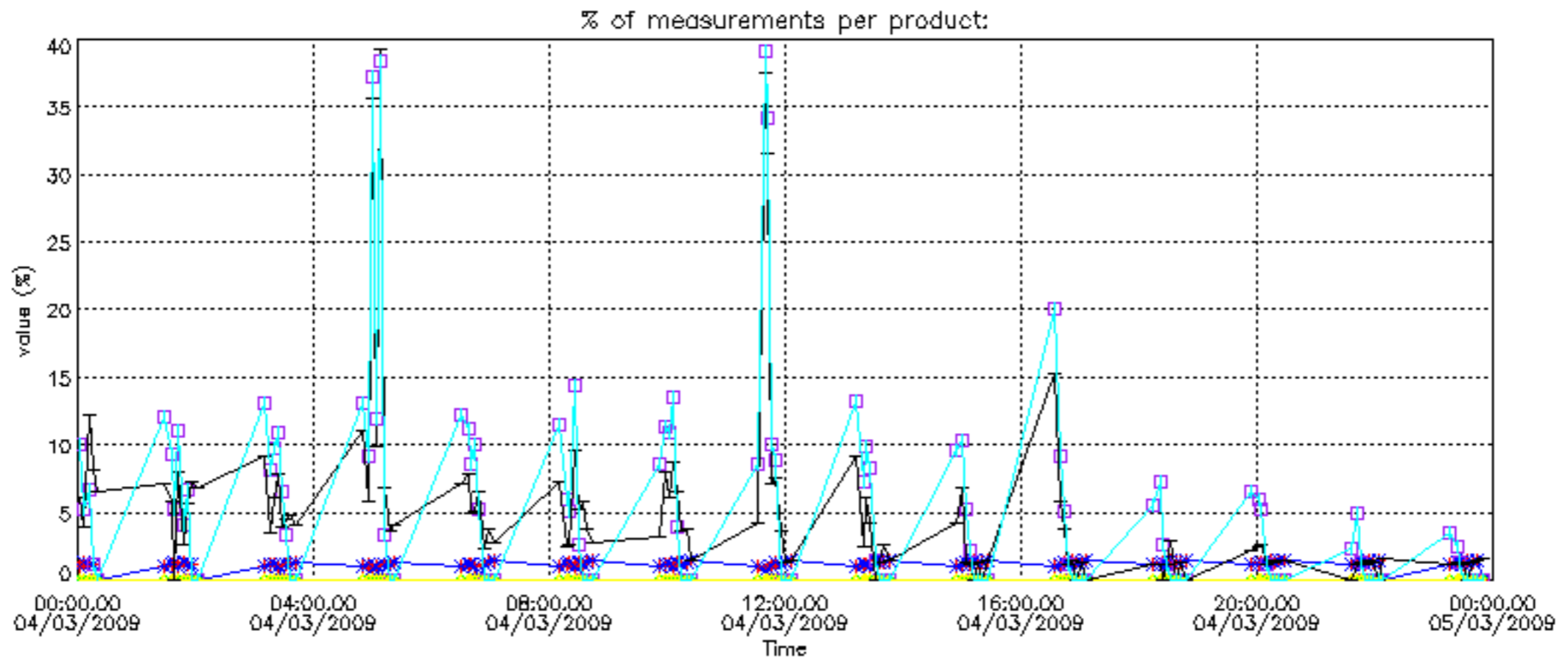
Percentage of flagged data per NO2 profile



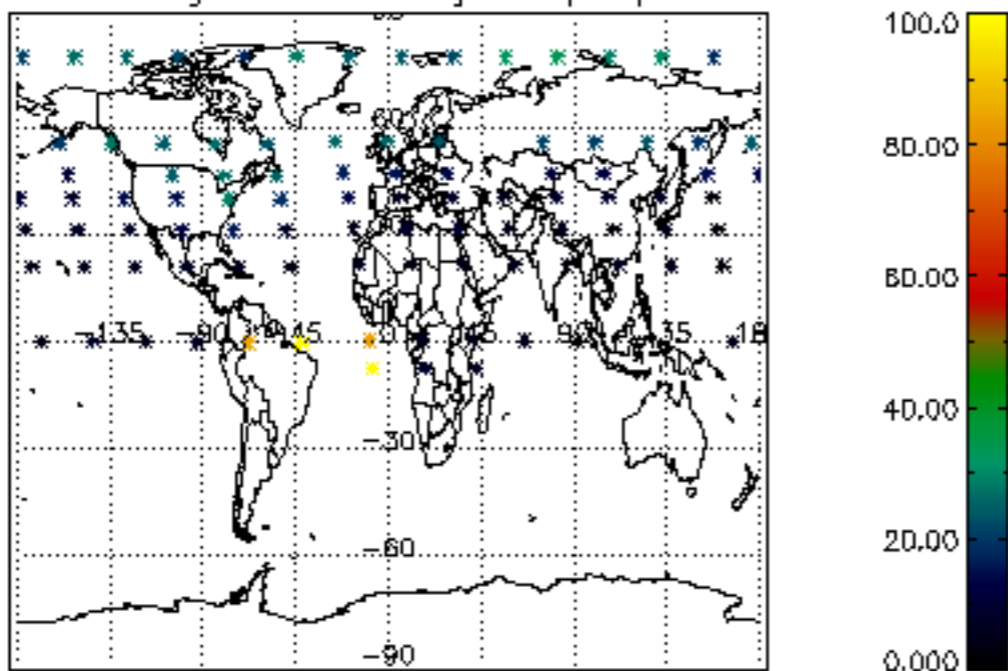
Percentage of flagged data per NO3 profile



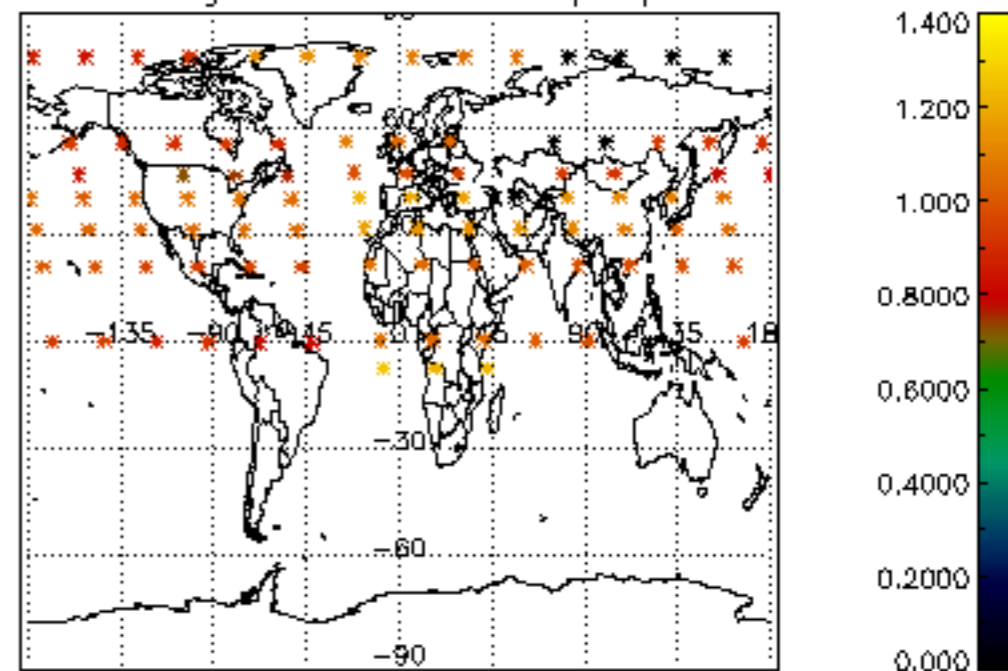




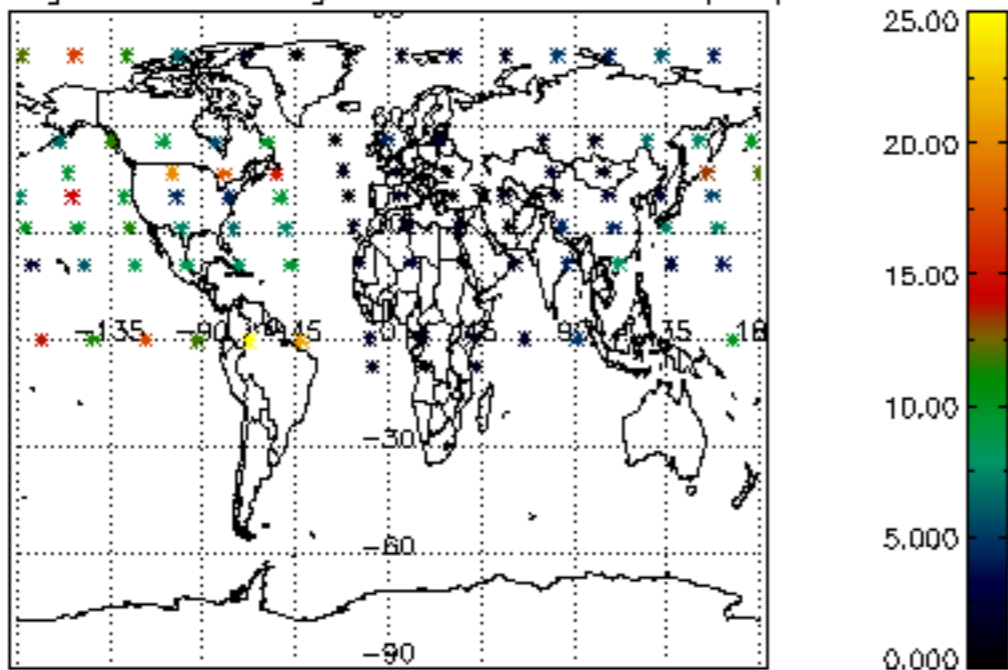
Percentage of cosmic ray hits per profile



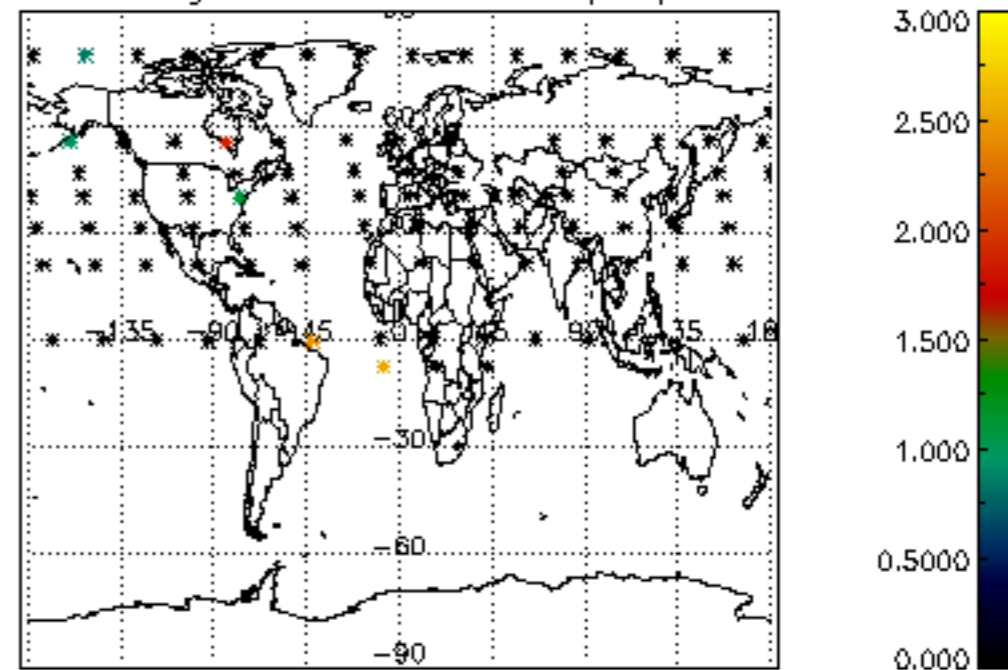
Percentage of datation errors per profile



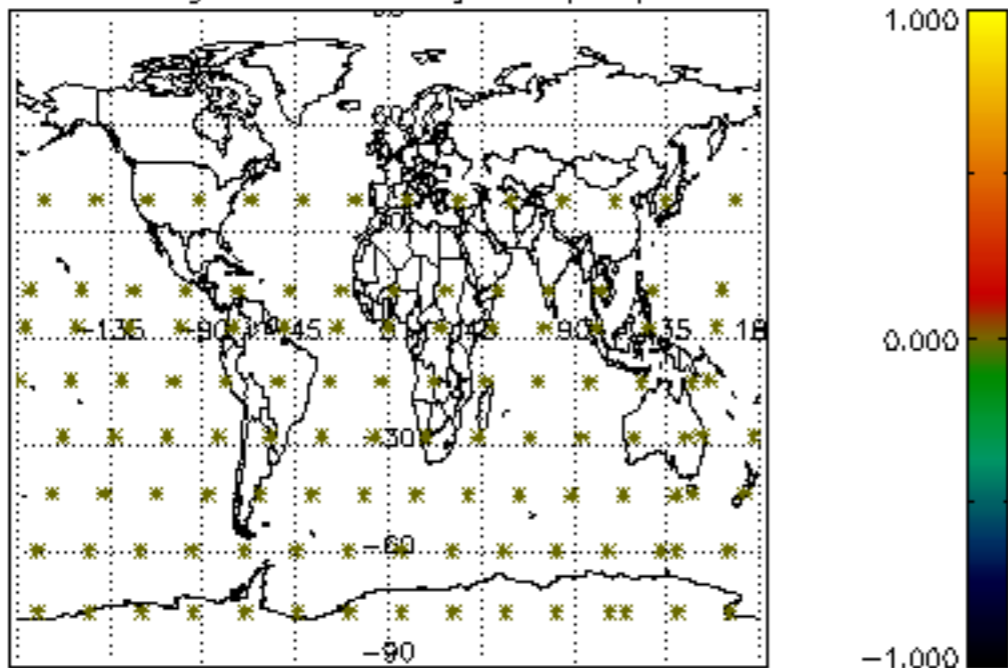
Percentage of star falling outside central band per profile



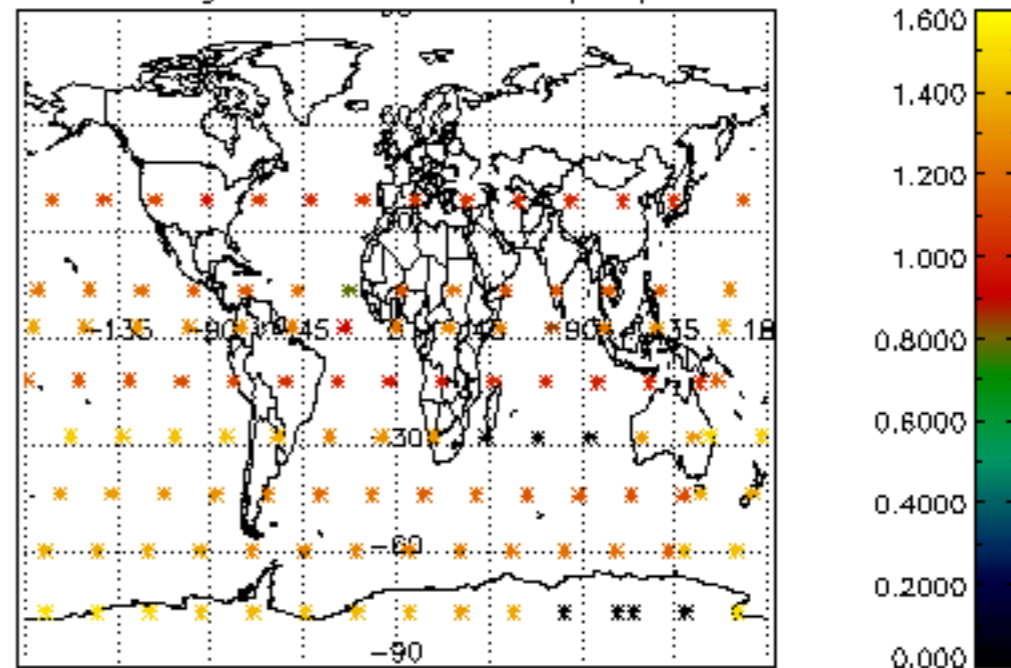
Percentage of saturation errors per profile



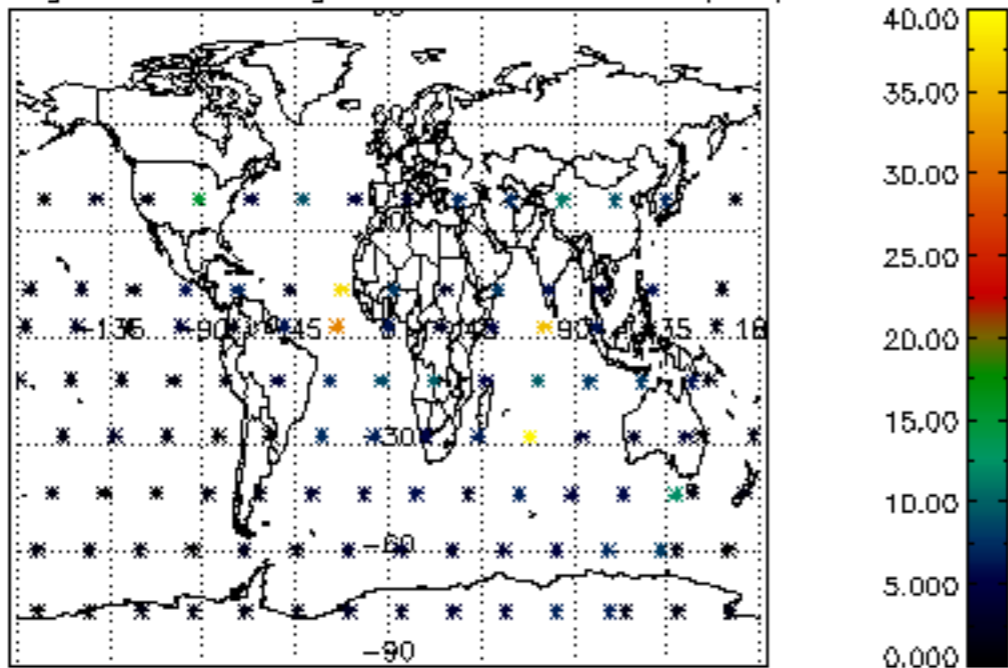
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

