

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	23APR2013 22:14:23
Data source version	GOMOS/6.01
Start time of products	24-05-2006 (24MAY2006 00:00:00)
Stop time of products	25-05-2006 (25MAY2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	298
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__2PRFIN20060524_000126_000000372048_00016_22114_0170.N1	24-MAY-2006 00:01:26	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	22114	No
2	GOM_NL__2PRFIN20060524_001411_000000442048_00016_22114_0171.N1	24-MAY-2006 00:14:11	Bright	44.000	76	27Gam Cas	2.3000	30000.	88	22114	No
3	GOM_NL__2PRFIN20060524_001523_000000362048_00016_22114_0172.N1	24-MAY-2006 00:15:23	Bright	36.000	68	18Alp Cas	2.2250	4500.0	72	22114	No
4	GOM_NL__2PRFIN20060524_002135_000000382048_00016_22114_0173.N1	24-MAY-2006 00:21:35	Bright	38.000	53	43Bet And	2.0480	3300.0	76	22114	No
5	GOM_NL__2PRFIN20060524_002408_000000472048_00016_22114_0174.N1	24-MAY-2006 00:24:08	Twilight	47.000	58	21Alp And	2.0730	11000.	94	22114	No
6	GOM_NL__2PRFIN20060524_002835_000000452048_00016_22114_0175.N1	24-MAY-2006 00:28:35	Dark	45.000	140	88Gam Peg	2.8340	26000.	90	22114	No
7	GOM_NL__2PRFIN20060524_004455_000000532048_00016_22114_0176.N1	24-MAY-2006 00:44:55	Dark	53.000	18	24Alp PsA	1.1660	9700.0	106	22114	No
8	GOM_NL__2PRFIN20060524_005034_000000552048_00017_22115_0158.N1	24-MAY-2006 00:50:34	Dark	54.500	31	Alp Gru	1.7340	15200.	109	22115	No
9	GOM_NL__2PRFIN20060524_005556_000000432048_00017_22115_0159.N1	24-MAY-2006 00:55:56	Dark	42.500	45	Alp Pav	1.9400	26000.	85	22115	No
10	GOM_NL__2PRFIN20060524_010242_000000402048_00017_22115_0160.N1	24-MAY-2006 01:02:42	Straylight	39.500	141	Bet Ara	2.8400	4600.0	79	22115	No
11	GOM_NL__2PRFIN20060524_010529_000000502048_00017_22115_0161.N1	24-MAY-2006 01:05:29	Straylight	49.500	40	The Sco	1.8590	7100.0	99	22115	No
12	GOM_NL__2PRFIN20060524_010719_000000502048_00017_22115_0162.N1	24-MAY-2006 01:07:19	Straylight	50.000	25	35Lam Sco	1.6200	28000.	100	22115	No
13	GOM_NL__2PRFIN20060524_010921_000000492048_00017_22115_0163.N1	24-MAY-2006 01:09:21	Twilight	48.500	75	26Eps Sco	2.2910	4250.0	97	22115	No
14	GOM_NL__2PRFIN20060524_011212_000000602048_00017_22115_0164.N1	24-MAY-2006 01:12:12	Bright	60.000	16	21Alp Sco	1.0200	3000.0	120	22115	No
15	GOM_NL__2PRFIN20060524_011435_000000422048_00017_22115_0165.N1	24-MAY-2006 01:14:35	Bright	42.000	97	8Bet1Sco	2.5610	30000.	84	22115	No
16	GOM_NL__2PRFIN20060524_011805_000000372048_00017_22115_0166.N1	24-MAY-2006 01:18:05	Bright	36.500	104	27Bet Lib	2.6140	13100.	73	22115	No
17	GOM_NL__2PRFIN20060524_011950_000000432048_00017_22115_0167.N1	24-MAY-2006 01:19:50	Bright	43.000	120	1Del Oph	2.7340	3200.0	86	22115	No
18	GOM_NL__2PRFIN20060524_012254_000000402048_00017_22115_0168.N1	24-MAY-2006 01:22:54	Bright	39.500	102	24Alp Ser	2.6000	4250.0	79	22115	No
19	GOM_NL__2PRFIN20060524_012840_000000362048_00017_22115_0169.N1	24-MAY-2006 01:28:40	Bright	36.000	83		2.3780	11000.	72	22115	No
20	GOM_NL__2PRFIN20060524_013954_000000412048_00017_22115_0170.N1	24-MAY-2006 01:39:54	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	22115	No
21	GOM_NL__2PRFIN20060524_014202_000000352048_00017_22115_0171.N1	24-MAY-2006 01:42:02	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	22115	No
22	GOM_NL__2PRFIN20060524_015447_000000542048_00017_22115_0172.N1	24-MAY-2006 01:54:47	Bright	54.000	76	27Gam Cas	2.3000	30000.	108	22115	No
23	GOM_NL__2PRFIN20060524_015559_000000372048_00017_22115_0173.N1	24-MAY-2006 01:55:59	Bright	37.000	68	18Alp Cas	2.2250	4500.0	74	22115	No
24	GOM_NL__2PRFIN20060524_020211_000000382048_00017_22115_0174.N1	24-MAY-2006 02:02:11	Bright	37.500	53	43Bet And	2.0480	3300.0	75	22115	No
25	GOM_NL__2PRFIN20060524_020444_000000502048_00017_22115_0175.N1	24-MAY-2006 02:04:44	Twilight	49.500	58	21Alp And	2.0730	11000.	99	22115	No
26	GOM_NL__2PRFIN20060524_020912_000000462048_00017_22115_0176.N1	24-MAY-2006 02:09:12	Dark	45.500	140	88Gam Peg	2.8340	26000.	91	22115	No
27	GOM_NL__2PRFIN20060524_022532_000000542048_00017_22115_0177.N1	24-MAY-2006 02:25:32	Dark	53.500	18	24Alp PsA	1.1660	9700.0	107	22115	No
28	GOM_NL__2PRFIN20060524_023111_000000452048_00018_22116_0183.N1	24-MAY-2006 02:31:11	Dark	44.500	31	Alp Gru	1.7340	15200.	89	22116	No
29	GOM_NL__2PRFIN20060524_023633_000000422048_00018_22116_0184.N1	24-MAY-2006 02:36:33	Dark	42.000	45	Alp Pav	1.9400	26000.	84	22116	No
30	GOM_NL__2PRFIN20060524_024318_000000412048_00018_22116_0185.N1	24-MAY-2006 02:43:18	Straylight	40.500	141	Bet Ara	2.8400	4600.0	81	22116	No
31	GOM_NL__2PRFIN20060524_024605_000000512048_00018_22116_0186.N1	24-MAY-2006 02:46:05	Straylight	50.500	40	The Sco	1.8590	7100.0	101	22116	No
32	GOM_NL__2PRFIN20060524_024756_000000532048_00018_22116_0187.N1	24-MAY-2006 02:47:56	Straylight	52.500	25	35Lam Sco	1.6200	28000.	105	22116	No
33	GOM_NL__2PRFIN20060524_024957_000000472048_00018_22116_0188.N1	24-MAY-2006 02:49:57	Twilight	47.000	75	26Eps Sco	2.2910	4250.0	94	22116	No
34	GOM_NL__2PRFIN20060524_025248_000000602048_00018_22116_0189.N1	24-MAY-2006 02:52:48	Bright	60.000	16	21Alp Sco	1.0200	3000.0	120	22116	No
35	GOM_NL__2PRFIN20060524_025511_000000412048_00018_22116_0190.N1	24-MAY-2006 02:55:11	Bright	40.500	97	8Bet1Sco	2.5610	30000.	81	22116	No
36	GOM_NL__2PRFIN20060524_025840_000000382048_00018_22116_0191.N1	24-MAY-2006 02:58:40	Bright	38.000	104	27Bet Lib	2.6140	13100.	76	22116	No
37	GOM_NL__2PRFIN20060524_030025_000000442048_00018_22116_0192.N1	24-MAY-2006 03:00:25	Bright	43.500	120	1Del Oph	2.7340	3200.0	87	22116	No
38	GOM_NL__2PRFIN20060524_030330_000000402048_00018_22116_0193.N1	24-MAY-2006 03:03:30	Bright	39.500	102	24Alp Ser	2.6000	4250.0	79	22116	No
39	GOM_NL__2PRFIN20060524_030916_000000372048_00018_22116_0194.N1	24-MAY-2006 03:09:16	Bright	36.500	83		2.3780	11000.	73	22116	No
40	GOM_NL__2PRFIN20060524_032029_000000392048_00018_22116_0195.N1	24-MAY-2006 03:20:29	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	22116	No
41	GOM_NL__2PRFIN20060524_032238_000000332048_00018_22116_0196.N1	24-MAY-2006 03:22:38	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	22116	No
42	GOM_NL__2PRFIN20060524_033522_000000352048_00018_22116_0197.N1	24-MAY-2006 03:35:22	Bright	34.500	76	27Gam Cas	2.3000	30000.	69	22116	No

43	GOM_NL__2PRFIN20060524_033635_000000352048_00018_22116_0198.N1	24-MAY-2006 03:36:35	Bright	35.000	68	18Alp Cas	2.2250	4500.0	70	22116	No
44	GOM_NL__2PRFIN20060524_034247_000000392048_00018_22116_0199.N1	24-MAY-2006 03:42:47	Bright	38.500	53	43Bet And	2.0480	3300.0	77	22116	No
45	GOM_NL__2PRFIN20060524_034520_000000492048_00018_22116_0200.N1	24-MAY-2006 03:45:20	Tw_i_and_stray	48.500	58	21Alp And	2.0730	11000.	97	22116	No
46	GOM_NL__2PRFIN20060524_034948_000000472048_00018_22116_0201.N1	24-MAY-2006 03:49:48	Dark	47.000	140	88Gam Peg	2.8340	26000.	94	22116	No
47	GOM_NL__2PRFIN20060524_035837_000000442048_00018_22116_0202.N1	24-MAY-2006 03:58:37	Dark	44.000	52	16Bet Cet	2.0370	4500.0	88	22116	No
48	GOM_NL__2PRFIN20060524_040609_000000542048_00018_22116_0203.N1	24-MAY-2006 04:06:09	Dark	54.000	18	24Alp PsA	1.1660	9700.0	108	22116	No
49	GOM_NL__2PRFIN20060524_041148_000000442048_00019_22117_0184.N1	24-MAY-2006 04:11:48	Dark	44.000	31	Alp Gru	1.7340	15200.	88	22117	No
50	GOM_NL__2PRFIN20060524_041709_000000412048_00019_22117_0185.N1	24-MAY-2006 04:17:09	Dark	41.000	45	Alp Pav	1.9400	26000.	82	22117	No
51	GOM_NL__2PRFIN20060524_042355_000000442048_00019_22117_0186.N1	24-MAY-2006 04:23:55	Straylight	44.000	141	Bet Ara	2.8400	4600.0	88	22117	No
52	GOM_NL__2PRFIN20060524_042641_000000482048_00019_22117_0187.N1	24-MAY-2006 04:26:41	Straylight	48.000	40	The Sco	1.8590	7100.0	96	22117	No
53	GOM_NL__2PRFIN20060524_042832_000000512048_00019_22117_0188.N1	24-MAY-2006 04:28:32	Straylight	51.000	25	35Lam Sco	1.6200	28000.	102	22117	No
54	GOM_NL__2PRFIN20060524_043034_000000482048_00019_22117_0189.N1	24-MAY-2006 04:30:34	Tw_i_and_stray	48.000	75	26Eps Sco	2.2910	4250.0	96	22117	No
55	GOM_NL__2PRFIN20060524_043324_000000602048_00019_22117_0190.N1	24-MAY-2006 04:33:24	Bright	60.000	16	21Alp Sco	1.0200	3000.0	120	22117	No
56	GOM_NL__2PRFIN20060524_043548_000000412048_00019_22117_0191.N1	24-MAY-2006 04:35:48	Bright	41.000	97	8Bet1Sco	2.5610	30000.	82	22117	No
57	GOM_NL__2PRFIN20060524_043917_000000382048_00019_22117_0192.N1	24-MAY-2006 04:39:17	Bright	38.000	104	27Bet Lib	2.6140	13100.	76	22117	No
58	GOM_NL__2PRFIN20060524_044101_000000432048_00019_22117_0193.N1	24-MAY-2006 04:41:01	Bright	43.000	120	1Del Oph	2.7340	3200.0	86	22117	No
59	GOM_NL__2PRFIN20060524_044406_000000392048_00019_22117_0194.N1	24-MAY-2006 04:44:06	Bright	39.000	102	24Alp Ser	2.6000	4250.0	78	22117	No
60	GOM_NL__2PRFIN20060524_044952_000000382048_00019_22117_0195.N1	24-MAY-2006 04:49:52	Bright	38.000	83		2.3780	11000.	76	22117	No
61	GOM_NL__2PRFIN20060524_050105_000000412048_00019_22117_0196.N1	24-MAY-2006 05:01:05	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	22117	No
62	GOM_NL__2PRFIN20060524_050314_000000372048_00019_22117_0197.N1	24-MAY-2006 05:03:14	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	22117	No
63	GOM_NL__2PRFIN20060524_051558_000000362048_00019_22117_0198.N1	24-MAY-2006 05:15:58	Bright	35.500	76	27Gam Cas	2.3000	30000.	71	22117	No
64	GOM_NL__2PRFIN20060524_051711_000000492048_00019_22117_0199.N1	24-MAY-2006 05:17:11	Bright	49.000	68	18Alp Cas	2.2250	4500.0	98	22117	No
65	GOM_NL__2PRFIN20060524_052323_000000392048_00019_22117_0200.N1	24-MAY-2006 05:23:23	Bright	38.500	53	43Bet And	2.0480	3300.0	77	22117	No
66	GOM_NL__2PRFIN20060524_052556_000000492048_00019_22117_0201.N1	24-MAY-2006 05:25:56	Tw_i_and_stray	49.000	58	21Alp And	2.0730	11000.	98	22117	No
67	GOM_NL__2PRFIN20060524_053024_000000432048_00019_22117_0202.N1	24-MAY-2006 05:30:24	Dark	43.000	140	88Gam Peg	2.8340	26000.	86	22117	No
68	GOM_NL__2PRFIN20060524_053913_000000472048_00019_22117_0203.N1	24-MAY-2006 05:39:13	Dark	47.000	52	16Bet Cet	2.0370	4500.0	94	22117	No
69	GOM_NL__2PRFIN20060524_054646_000000602048_00019_22117_0204.N1	24-MAY-2006 05:46:46	Dark	59.500	18	24Alp PsA	1.1660	9700.0	119	22117	No
70	GOM_NL__2PRFIN20060524_055225_000000512048_00020_22118_0184.N1	24-MAY-2006 05:52:25	Dark	50.500	31	Alp Gru	1.7340	15200.	101	22118	No
71	GOM_NL__2PRFIN20060524_055746_000000422048_00020_22118_0185.N1	24-MAY-2006 05:57:46	Dark	42.000	45	Alp Pav	1.9400	26000.	84	22118	No
72	GOM_NL__2PRFIN20060524_060431_000000432048_00020_22118_0186.N1	24-MAY-2006 06:04:31	Straylight	42.500	141	Bet Ara	2.8400	4600.0	85	22118	No
73	GOM_NL__2PRFIN20060524_060718_000000472048_00020_22118_0187.N1	24-MAY-2006 06:07:18	Straylight	47.000	40	The Sco	1.8590	7100.0	94	22118	No
74	GOM_NL__2PRFIN20060524_060909_000000472048_00020_22118_0188.N1	24-MAY-2006 06:09:09	Straylight	47.000	25	35Lam Sco	1.6200	28000.	94	22118	No
75	GOM_NL__2PRFIN20060524_061110_000000472048_00020_22118_0189.N1	24-MAY-2006 06:11:10	Tw_i_and_stray	47.000	75	26Eps Sco	2.2910	4250.0	94	22118	No
76	GOM_NL__2PRFIN20060524_061401_000000502048_00020_22118_0190.N1	24-MAY-2006 06:14:01	Bright	49.500	16	21Alp Sco	1.0200	3000.0	99	22118	No
77	GOM_NL__2PRFIN20060524_061624_000000412048_00020_22118_0191.N1	24-MAY-2006 06:16:24	Bright	40.500	97	8Bet1Sco	2.5610	30000.	81	22118	No
78	GOM_NL__2PRFIN20060524_061953_000000372048_00020_22118_0192.N1	24-MAY-2006 06:19:53	Bright	36.500	104	27Bet Lib	2.6140	13100.	73	22118	No
79	GOM_NL__2PRFIN20060524_062137_000000432048_00020_22118_0193.N1	24-MAY-2006 06:21:37	Bright	43.000	120	1Del Oph	2.7340	3200.0	86	22118	No
80	GOM_NL__2PRFIN20060524_062441_000000402048_00020_22118_0194.N1	24-MAY-2006 06:24:41	Bright	39.500	102	24Alp Ser	2.6000	4250.0	79	22118	No
81	GOM_NL__2PRFIN20060524_063028_000000352048_00020_22118_0195.N1	24-MAY-2006 06:30:28	Bright	35.000	83		2.3780	11000.	70	22118	No
82	GOM_NL__2PRFIN20060524_064141_000000412048_00020_22118_0196.N1	24-MAY-2006 06:41:41	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	22118	No
83	GOM_NL__2PRFIN20060524_064349_000000362048_00020_22118_0197.N1	24-MAY-2006 06:43:49	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	22118	No
84	GOM_NL__2PRFIN20060524_065634_000000352048_00020_22118_0198.N1	24-MAY-2006 06:56:34	Bright	35.000	76	27Gam Cas	2.3000	30000.	70	22118	No
85	GOM_NL__2PRFIN20060524_065746_000000382048_00020_22118_0199.N1	24-MAY-2006 06:57:46	Bright	38.000	68	18Alp Cas	2.2250	4500.0	76	22118	No
86	GOM_NL__2PRFIN20060524_070400_000000392048_00020_22118_0200.N1	24-MAY-2006 07:04:00	Bright	39.000	53	43Bet And	2.0480	3300.0	78	22118	No
87	GOM_NL__2PRFIN20060524_070632_000000492048_00020_22118_0201.N1	24-MAY-2006 07:06:32	Tw_i_and_stray	48.500	58	21Alp And	2.0730	11000.	97	22118	No
88	GOM_NL__2PRFIN20060524_071101_000000472048_00020_22118_0202.N1	24-MAY-2006 07:11:01	Dark	46.500	140	88Gam Peg	2.8340	26000.	93	22118	No
89	GOM_NL__2PRFIN20060524_071950_000000462048_00020_22118_0203.N1	24-MAY-2006 07:19:50	Dark	46.000	52	16Bet Cet	2.0370	4500.0	92	22118	No
90	GOM_NL__2PRFIN20060524_072723_000000542048_00020_22118_0204.N1	24-MAY-2006 07:27:23	Dark	53.500	18	24Alp PsA	1.1660	9700.0	107	22118	No
91	GOM_NL__2PRFIN20060524_073120_000000532048_00020_22118_0205.N1	24-MAY-2006 07:31:20	Dark	52.500	63	Bet Gru	2.1500	2800.0	105	22118	No
92	GOM_NL__2PRFIN20060524_073301_000000542048_00021_22119_0184.N1	24-MAY-2006 07:33:01	Dark	53.500	31	Alp Gru	1.7340	15200.	107	22119	No
93	GOM_NL__2PRFIN20060524_073823_000000422048_00021_22119_0185.N1	24-MAY-2006 07:38:23	Dark	42.000	45	Alp Pav	1.9400	26000.	84	22119	No
94	GOM_NL__2PRFIN20060524_074507_000000432048_00021_22119_0186.N1	24-MAY-2006 07:45:07	Straylight	42.500	141	Bet Ara	2.8400	4600.0	85	22119	No
95	GOM_NL__2PRFIN20060524_074755_000000502048_00021_22119_0187.N1	24-MAY-2006 07:47:55	Straylight	50.000	40	The Sco	1.8590	7100.0	100	22119	No
96	GOM_NL__2PRFIN20060524_074945_000000502048_00021_22119_0188.N1	24-MAY-2006 07:49:45	Straylight	50.000	25	35Lam Sco	1.6200	28000.	100	22119	No
97	GOM_NL__2PRFIN20060524_075146_000000502048_00021_22119_0189.N1	24-MAY-2006 07:51:46	Tw_i_and_stray	50.000	75	26Eps Sco	2.2910	4250.0	100	22119	No
98	GOM_NL__2PRFIN20060524_075437_000000532048_00021_22119_0190.N1	24-MAY-2006 07:54:37	Bright	52.500	16	21Alp Sco	1.0200	3000.0	105	22119	No
99	GOM_NL__2PRFIN20060524_075700_000000412048_00021_22119_0191.N1	24-MAY-2006 07:57:00	Bright	40.500	97	8Bet1Sco	2.5610	30000.	81	22119	No
100	GOM_NL__2PRFIN20060524_080029_000000362048_00021_22119_0192.N1	24-MAY-2006 08:00:29	Bright	36.000	104	27Bet Lib	2.6140	13100.	72	22119	No
101	GOM_NL__2PRFIN20060524_080213_000000442048_00021_22119_0193.N1	24-MAY-2006 08:02:13	Bright	43.500	120	1Del Oph	2.7340	3200.0	87	22119	No

102	GOM_NL__2PRFIN20060524_080517_000000402048_00021_22119_0194.N1	24-MAY-2006 08:05:17	Bright	40.000	102	24Alp Ser	2.6000	4250.0	80	22119	No
103	GOM_NL__2PRFIN20060524_081103_000000352048_00021_22119_0195.N1	24-MAY-2006 08:11:03	Bright	35.000	83		2.3780	11000.	70	22119	No
104	GOM_NL__2PRFIN20060524_082216_000000402048_00021_22119_0196.N1	24-MAY-2006 08:22:16	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	22119	No
105	GOM_NL__2PRFIN20060524_082425_000000362048_00021_22119_0197.N1	24-MAY-2006 08:24:25	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	22119	No
106	GOM_NL__2PRFIN20060524_083710_000000542048_00021_22119_0198.N1	24-MAY-2006 08:37:10	Bright	54.000	76	27Gam Cas	2.3000	30000.	108	22119	No
107	GOM_NL__2PRFIN20060524_083822_000000372048_00021_22119_0199.N1	24-MAY-2006 08:38:22	Bright	36.500	68	18Alp Cas	2.2250	4500.0	73	22119	No
108	GOM_NL__2PRFIN20060524_084436_000000392048_00021_22119_0200.N1	24-MAY-2006 08:44:36	Bright	39.000	53	43Bet And	2.0480	3300.0	78	22119	No
109	GOM_NL__2PRFIN20060524_084708_000000482048_00021_22119_0201.N1	24-MAY-2006 08:47:08	Twilight	47.500	58	21Alp And	2.0730	11000.	95	22119	No
110	GOM_NL__2PRFIN20060524_085137_000000452048_00021_22119_0202.N1	24-MAY-2006 08:51:37	Dark	45.000	140	88Gam Peg	2.8340	26000.	90	22119	No
111	GOM_NL__2PRFIN20060524_090026_000000472048_00021_22119_0203.N1	24-MAY-2006 09:00:26	Dark	47.000	52	16Bet Cet	2.0370	4500.0	94	22119	No
112	GOM_NL__2PRFIN20060524_090800_000000552048_00021_22119_0204.N1	24-MAY-2006 09:08:00	Dark	55.000	18	24Alp PsA	1.1660	9700.0	110	22119	No
113	GOM_NL__2PRFIN20060524_091157_000000462048_00021_22119_0205.N1	24-MAY-2006 09:11:57	Dark	46.000	63	Bet Gru	2.1500	2800.0	92	22119	No
114	GOM_NL__2PRFIN20060524_091338_000000452048_00022_22120_0184.N1	24-MAY-2006 09:13:38	Dark	44.500	31	Alp Gru	1.7340	15200.	89	22120	No
115	GOM_NL__2PRFIN20060524_091859_000000422048_00022_22120_0185.N1	24-MAY-2006 09:18:59	Dark	42.000	45	Alp Pav	1.9400	26000.	84	22120	No
116	GOM_NL__2PRFIN20060524_092544_000000432048_00022_22120_0186.N1	24-MAY-2006 09:25:44	Straylight	43.000	141	Bet Ara	2.8400	4600.0	86	22120	No
117	GOM_NL__2PRFIN20060524_092831_000000472048_00022_22120_0187.N1	24-MAY-2006 09:28:31	Straylight	46.500	40	The Sco	1.8590	7100.0	93	22120	No
118	GOM_NL__2PRFIN20060524_093021_000000492048_00022_22120_0188.N1	24-MAY-2006 09:30:21	Straylight	49.000	25	35Lam Sco	1.6200	28000.	98	22120	No
119	GOM_NL__2PRFIN20060524_093223_000000522048_00022_22120_0189.N1	24-MAY-2006 09:32:23	Twilight	51.500	75	26Eps Sco	2.2910	4250.0	103	22120	No
120	GOM_NL__2PRFIN20060524_093513_000000602048_00022_22120_0190.N1	24-MAY-2006 09:35:13	Bright	60.000	16	21Alp Sco	1.0200	3000.0	120	22120	No
121	GOM_NL__2PRFIN20060524_093736_000000402048_00022_22120_0191.N1	24-MAY-2006 09:37:36	Bright	39.500	97	8Bet1Sco	2.5610	30000.	79	22120	No
122	GOM_NL__2PRFIN20060524_094105_000000362048_00022_22120_0192.N1	24-MAY-2006 09:41:05	Bright	36.000	104	27Bet Lib	2.6140	13100.	72	22120	No
123	GOM_NL__2PRFIN20060524_094249_000000442048_00022_22120_0193.N1	24-MAY-2006 09:42:49	Bright	43.500	120	1Del Oph	2.7340	3200.0	87	22120	No
124	GOM_NL__2PRFIN20060524_094553_000000392048_00022_22120_0194.N1	24-MAY-2006 09:45:53	Bright	39.000	102	24Alp Ser	2.6000	4250.0	78	22120	No
125	GOM_NL__2PRFIN20060524_095139_000000382048_00022_22120_0195.N1	24-MAY-2006 09:51:39	Bright	37.500	83		2.3780	11000.	75	22120	No
126	GOM_NL__2PRFIN20060524_100252_000000392048_00022_22120_0196.N1	24-MAY-2006 10:02:52	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	22120	No
127	GOM_NL__2PRFIN20060524_100501_000000342048_00022_22120_0197.N1	24-MAY-2006 10:05:01	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	22120	No
128	GOM_NL__2PRFIN20060524_101746_000000362048_00022_22120_0198.N1	24-MAY-2006 10:17:46	Bright	35.500	76	27Gam Cas	2.3000	30000.	71	22120	No
129	GOM_NL__2PRFIN20060524_101858_000000352048_00022_22120_0199.N1	24-MAY-2006 10:18:58	Bright	35.000	68	18Alp Cas	2.2250	4500.0	70	22120	No
130	GOM_NL__2PRFIN20060524_102512_000000392048_00022_22120_0200.N1	24-MAY-2006 10:25:12	Bright	38.500	53	43Bet And	2.0480	3300.0	77	22120	No
131	GOM_NL__2PRFIN20060524_102744_000000482048_00022_22120_0201.N1	24-MAY-2006 10:27:44	Twilight	48.000	58	21Alp And	2.0730	11000.	96	22120	No
132	GOM_NL__2PRFIN20060524_103213_000000452048_00022_22120_0202.N1	24-MAY-2006 10:32:13	Dark	45.000	140	88Gam Peg	2.8340	26000.	90	22120	No
133	GOM_NL__2PRFIN20060524_104102_000000452048_00022_22120_0203.N1	24-MAY-2006 10:41:02	Dark	44.500	52	16Bet Cet	2.0370	4500.0	89	22120	No
134	GOM_NL__2PRFIN20060524_105233_000000482048_00022_22120_0204.N1	24-MAY-2006 10:52:33	Dark	47.500	63	Bet Gru	2.1500	2800.0	95	22120	No
135	GOM_NL__2PRFIN20060524_105415_000000452048_00023_22121_0184.N1	24-MAY-2006 10:54:15	Dark	45.000	31	Alp Gru	1.7340	15200.	90	22121	No
136	GOM_NL__2PRFIN20060524_105936_000000422048_00023_22121_0185.N1	24-MAY-2006 10:59:36	Dark	42.000	45	Alp Pav	1.9400	26000.	84	22121	No
137	GOM_NL__2PRFIN20060524_110620_000000412048_00023_22121_0186.N1	24-MAY-2006 11:06:20	Straylight	40.500	141	Bet Ara	2.8400	4600.0	81	22121	No
138	GOM_NL__2PRFIN20060524_110907_000000472048_00023_22121_0187.N1	24-MAY-2006 11:09:07	Straylight	46.500	40	The Sco	1.8590	7100.0	93	22121	No
139	GOM_NL__2PRFIN20060524_111058_000000512048_00023_22121_0188.N1	24-MAY-2006 11:10:58	Straylight	51.000	25	35Lam Sco	1.6200	28000.	102	22121	No
140	GOM_NL__2PRFIN20060524_111259_000000482048_00023_22121_0189.N1	24-MAY-2006 11:12:59	Twilight	47.500	75	26Eps Sco	2.2910	4250.0	95	22121	No
141	GOM_NL__2PRFIN20060524_111549_000000582048_00023_22121_0190.N1	24-MAY-2006 11:15:49	Bright	58.000	16	21Alp Sco	1.0200	3000.0	116	22121	No
142	GOM_NL__2PRFIN20060524_111812_000000402048_00023_22121_0191.N1	24-MAY-2006 11:18:12	Bright	39.500	97	8Bet1Sco	2.5610	30000.	79	22121	No
143	GOM_NL__2PRFIN20060524_112141_000000372048_00023_22121_0192.N1	24-MAY-2006 11:21:41	Bright	37.000	104	27Bet Lib	2.6140	13100.	74	22121	No
144	GOM_NL__2PRFIN20060524_112325_000000432048_00023_22121_0193.N1	24-MAY-2006 11:23:25	Bright	43.000	120	1Del Oph	2.7340	3200.0	86	22121	No
145	GOM_NL__2PRFIN20060524_112629_000000392048_00023_22121_0194.N1	24-MAY-2006 11:26:29	Bright	39.000	102	24Alp Ser	2.6000	4250.0	78	22121	No
146	GOM_NL__2PRFIN20060524_113215_000000382048_00023_22121_0195.N1	24-MAY-2006 11:32:15	Bright	38.000	83		2.3780	11000.	76	22121	No
147	GOM_NL__2PRFIN20060524_114327_000000402048_00023_22121_0196.N1	24-MAY-2006 11:43:27	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	22121	No
148	GOM_NL__2PRFIN20060524_114537_000000372048_00023_22121_0197.N1	24-MAY-2006 11:45:37	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	22121	No
149	GOM_NL__2PRFIN20060524_115822_000000522048_00023_22121_0198.N1	24-MAY-2006 11:58:22	Bright	51.500	76	27Gam Cas	2.3000	30000.	103	22121	No
150	GOM_NL__2PRFIN20060524_115934_000000382048_00023_22121_0199.N1	24-MAY-2006 11:59:34	Bright	37.500	68	18Alp Cas	2.2250	4500.0	75	22121	No
151	GOM_NL__2PRFIN20060524_120547_000000392048_00023_22121_0200.N1	24-MAY-2006 12:05:47	Bright	39.000	53	43Bet And	2.0480	3300.0	78	22121	No
152	GOM_NL__2PRFIN20060524_120820_000000472048_00023_22121_0201.N1	24-MAY-2006 12:08:20	Twilight	47.000	58	21Alp And	2.0730	11000.	94	22121	No
153	GOM_NL__2PRFIN20060524_121249_000000482048_00023_22121_0202.N1	24-MAY-2006 12:12:49	Dark	47.500	140	88Gam Peg	2.8340	26000.	95	22121	No
154	GOM_NL__2PRFIN20060524_122139_000000442048_00023_22121_0203.N1	24-MAY-2006 12:21:39	Dark	44.000	52	16Bet Cet	2.0370	4500.0	88	22121	No
155	GOM_NL__2PRFIN20060524_123310_000000552048_00023_22121_0204.N1	24-MAY-2006 12:33:10	Dark	54.500	63	Bet Gru	2.1500	2800.0	109	22121	No
156	GOM_NL__2PRFIN20060524_123452_000000512048_00024_22122_0184.N1	24-MAY-2006 12:34:52	Dark	50.500	31	Alp Gru	1.7340	15200.	101	22122	No
157	GOM_NL__2PRFIN20060524_124013_000000432048_00024_22122_0185.N1	24-MAY-2006 12:40:13	Dark	42.500	45	Alp Pav	1.9400	26000.	85	22122	No
158	GOM_NL__2PRFIN20060524_124656_000000432048_00024_22122_0186.N1	24-MAY-2006 12:46:56	Straylight	43.000	141	Bet Ara	2.8400	4600.0	86	22122	No
159	GOM_NL__2PRFIN20060524_124944_000000482048_00024_22122_0187.N1	24-MAY-2006 12:49:44	Straylight	47.500	40	The Sco	1.8590	7100.0	95	22122	No
160	GOM_NL__2PRFIN20060524_125134_000000522048_00024_22122_0188.N1	24-MAY-2006 12:51:34	Straylight	51.500	25	35Lam Sco	1.6200	28000.	103	22122	No

161	GOM_NL__2PRFIN20060524_125335_000000492048_00024_22122_0189.N1	24-MAY-2006 12:53:35	Twilight	48.500	75	26Eps Sco	2.2910	4250.0	97	22122	No
162	GOM_NL__2PRFIN20060524_125625_000000602048_00024_22122_0190.N1	24-MAY-2006 12:56:25	Bright	60.000	16	21Alp Sco	1.0200	3000.0	120	22122	No
163	GOM_NL__2PRFIN20060524_125848_000000392048_00024_22122_0191.N1	24-MAY-2006 12:58:48	Bright	39.000	97	8Bet1Sco	2.5610	30000.	78	22122	No
164	GOM_NL__2PRFIN20060524_130217_000000372048_00024_22122_0192.N1	24-MAY-2006 13:02:17	Bright	36.500	104	27Bet Lib	2.6140	13100.	73	22122	No
165	GOM_NL__2PRFIN20060524_130400_000000432048_00024_22122_0193.N1	24-MAY-2006 13:04:00	Bright	43.000	120	1Del Oph	2.7340	3200.0	86	22122	No
166	GOM_NL__2PRFIN20060524_130704_000000392048_00024_22122_0194.N1	24-MAY-2006 13:07:04	Bright	39.000	102	24Alp Ser	2.6000	4250.0	78	22122	No
167	GOM_NL__2PRFIN20060524_131251_000000362048_00024_22122_0195.N1	24-MAY-2006 13:12:51	Bright	35.500	83		2.3780	11000.	71	22122	No
168	GOM_NL__2PRFIN20060524_132403_000000392048_00024_22122_0196.N1	24-MAY-2006 13:24:03	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	22122	No
169	GOM_NL__2PRFIN20060524_132613_000000362048_00024_22122_0197.N1	24-MAY-2006 13:26:13	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	22122	No
170	GOM_NL__2PRFIN20060524_133858_000000352048_00024_22122_0198.N1	24-MAY-2006 13:38:58	Bright	34.500	76	27Gam Cas	2.3000	30000.	69	22122	No
171	GOM_NL__2PRFIN20060524_134010_000000352048_00024_22122_0199.N1	24-MAY-2006 13:40:10	Bright	35.000	68	18Alp Cas	2.2250	4500.0	70	22122	No
172	GOM_NL__2PRFIN20060524_134624_000000362048_00024_22122_0200.N1	24-MAY-2006 13:46:24	Bright	35.500	53	43Bet And	2.0480	3300.0	71	22122	No
173	GOM_NL__2PRFIN20060524_134856_000000492048_00024_22122_0201.N1	24-MAY-2006 13:48:56	Twilight	49.000	58	21Alp And	2.0730	11000.	98	22122	No
174	GOM_NL__2PRFIN20060524_135326_000000462048_00024_22122_0202.N1	24-MAY-2006 13:53:26	Dark	46.000	140	88Gam Peg	2.8340	26000.	92	22122	No
175	GOM_NL__2PRFIN20060524_140215_000000452048_00024_22122_0203.N1	24-MAY-2006 14:02:15	Dark	44.500	52	16Bet Cet	2.0370	4500.0	89	22122	No
176	GOM_NL__2PRFIN20060524_141346_000000602048_00024_22122_0204.N1	24-MAY-2006 14:13:46	Dark	59.500	63	Bet Gru	2.1500	2800.0	119	22122	No
177	GOM_NL__2PRFIN20060524_141529_000000452048_00025_22123_0184.N1	24-MAY-2006 14:15:29	Dark	45.000	31	Alp Gru	1.7340	15200.	90	22123	No
178	GOM_NL__2PRFIN20060524_142049_000000422048_00025_22123_0185.N1	24-MAY-2006 14:20:49	Dark	41.500	45	Alp Pav	1.9400	26000.	83	22123	No
179	GOM_NL__2PRFIN20060524_142733_000000462048_00025_22123_0186.N1	24-MAY-2006 14:27:33	Straylight	45.500	141	Bet Ara	2.8400	4600.0	91	22123	No
180	GOM_NL__2PRFIN20060524_143020_000000492048_00025_22123_0187.N1	24-MAY-2006 14:30:20	Straylight	49.000	40	The Sco	1.8590	7100.0	98	22123	No
181	GOM_NL__2PRFIN20060524_143211_000000512048_00025_22123_0188.N1	24-MAY-2006 14:32:11	Straylight	51.000	25	35Lam Sco	1.6200	28000.	102	22123	No
182	GOM_NL__2PRFIN20060524_143411_000000502048_00025_22123_0189.N1	24-MAY-2006 14:34:11	Twilight	49.500	75	26Eps Sco	2.2910	4250.0	99	22123	No
183	GOM_NL__2PRFIN20060524_143701_000000502048_00025_22123_0190.N1	24-MAY-2006 14:37:01	Bright	50.000	16	21Alp Sco	1.0200	3000.0	100	22123	No
184	GOM_NL__2PRFIN20060524_143924_000000422048_00025_22123_0191.N1	24-MAY-2006 14:39:24	Bright	41.500	97	8Bet1Sco	2.5610	30000.	83	22123	No
185	GOM_NL__2PRFIN20060524_144253_000000372048_00025_22123_0192.N1	24-MAY-2006 14:42:53	Bright	36.500	104	27Bet Lib	2.6140	13100.	73	22123	No
186	GOM_NL__2PRFIN20060524_144436_000000432048_00025_22123_0193.N1	24-MAY-2006 14:44:36	Bright	43.000	120	1Del Oph	2.7340	3200.0	86	22123	No
187	GOM_NL__2PRFIN20060524_144740_000000402048_00025_22123_0194.N1	24-MAY-2006 14:47:40	Bright	39.500	102	24Alp Ser	2.6000	4250.0	79	22123	No
188	GOM_NL__2PRFIN20060524_145327_000000362048_00025_22123_0195.N1	24-MAY-2006 14:53:27	Bright	35.500	83		2.3780	11000.	71	22123	No
189	GOM_NL__2PRFIN20060524_150438_000000402048_00025_22123_0196.N1	24-MAY-2006 15:04:38	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	22123	No
190	GOM_NL__2PRFIN20060524_150649_000000382048_00025_22123_0197.N1	24-MAY-2006 15:06:49	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	22123	No
191	GOM_NL__2PRFIN20060524_151934_000000372048_00025_22123_0198.N1	24-MAY-2006 15:19:34	Bright	36.500	76	27Gam Cas	2.3000	30000.	73	22123	No
192	GOM_NL__2PRFIN20060524_152046_000000552048_00025_22123_0199.N1	24-MAY-2006 15:20:46	Bright	55.000	68	18Alp Cas	2.2250	4500.0	110	22123	No
193	GOM_NL__2PRFIN20060524_152700_000000392048_00025_22123_0200.N1	24-MAY-2006 15:27:00	Bright	39.000	53	43Bet And	2.0480	3300.0	78	22123	No
194	GOM_NL__2PRFIN20060524_152933_000000492048_00025_22123_0201.N1	24-MAY-2006 15:29:33	Twilight	49.000	58	21Alp And	2.0730	11000.	98	22123	No
195	GOM_NL__2PRFIN20060524_153402_000000452048_00025_22123_0202.N1	24-MAY-2006 15:34:02	Dark	45.000	140	88Gam Peg	2.8340	26000.	90	22123	No
196	GOM_NL__2PRFIN20060524_154251_000000462048_00025_22123_0203.N1	24-MAY-2006 15:42:51	Dark	45.500	52	16Bet Cet	2.0370	4500.0	91	22123	No
197	GOM_NL__2PRFIN20060524_155423_000000512048_00025_22123_0204.N1	24-MAY-2006 15:54:23	Dark	51.000	63	Bet Gru	2.1500	2800.0	102	22123	No
198	GOM_NL__2PRFIN20060524_155605_000000462048_00026_22124_0184.N1	24-MAY-2006 15:56:05	Dark	45.500	31	Alp Gru	1.7340	15200.	91	22124	No
199	GOM_NL__2PRFIN20060524_160126_000000442048_00026_22124_0185.N1	24-MAY-2006 16:01:26	Dark	44.000	45	Alp Pav	1.9400	26000.	88	22124	No
200	GOM_NL__2PRFIN20060524_160809_000000452048_00026_22124_0186.N1	24-MAY-2006 16:08:09	Straylight	44.500	141	Bet Ara	2.8400	4600.0	89	22124	No
201	GOM_NL__2PRFIN20060524_161057_000000532048_00026_22124_0187.N1	24-MAY-2006 16:10:57	Straylight	53.000	40	The Sco	1.8590	7100.0	106	22124	No
202	GOM_NL__2PRFIN20060524_161247_000000522048_00026_22124_0188.N1	24-MAY-2006 16:12:47	Straylight	51.500	25	35Lam Sco	1.6200	28000.	103	22124	No
203	GOM_NL__2PRFIN20060524_161448_000000452048_00026_22124_0189.N1	24-MAY-2006 16:14:48	Twilight	44.500	75	26Eps Sco	2.2910	4250.0	89	22124	No
204	GOM_NL__2PRFIN20060524_161738_000000602048_00026_22124_0190.N1	24-MAY-2006 16:17:38	Bright	60.000	16	21Alp Sco	1.0200	3000.0	120	22124	No
205	GOM_NL__2PRFIN20060524_162000_000000422048_00026_22124_0191.N1	24-MAY-2006 16:20:00	Bright	41.500	97	8Bet1Sco	2.5610	30000.	83	22124	No
206	GOM_NL__2PRFIN20060524_162329_000000362048_00026_22124_0192.N1	24-MAY-2006 16:23:29	Bright	35.500	104	27Bet Lib	2.6140	13100.	71	22124	No
207	GOM_NL__2PRFIN20060524_162512_000000432048_00026_22124_0193.N1	24-MAY-2006 16:25:12	Bright	43.000	120	1Del Oph	2.7340	3200.0	86	22124	No
208	GOM_NL__2PRFIN20060524_162816_000000392048_00026_22124_0194.N1	24-MAY-2006 16:28:16	Bright	39.000	102	24Alp Ser	2.6000	4250.0	78	22124	No
209	GOM_NL__2PRFIN20060524_163403_000000362048_00026_22124_0195.N1	24-MAY-2006 16:34:03	Bright	35.500	83		2.3780	11000.	71	22124	No
210	GOM_NL__2PRFIN20060524_164514_000000402048_00026_22124_0196.N1	24-MAY-2006 16:45:14	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	22124	No
211	GOM_NL__2PRFIN20060524_164724_000000372048_00026_22124_0197.N1	24-MAY-2006 16:47:24	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	22124	No
212	GOM_NL__2PRFIN20060524_170010_000000542048_00026_22124_0198.N1	24-MAY-2006 17:00:10	Bright	54.000	76	27Gam Cas	2.3000	30000.	108	22124	No
213	GOM_NL__2PRFIN20060524_170122_000000552048_00026_22124_0199.N1	24-MAY-2006 17:01:22	Bright	55.000	68	18Alp Cas	2.2250	4500.0	110	22124	No
214	GOM_NL__2PRFIN20060524_170736_000000392048_00026_22124_0200.N1	24-MAY-2006 17:07:36	Bright	39.000	53	43Bet And	2.0480	3300.0	78	22124	No
215	GOM_NL__2PRFIN20060524_171009_000000472048_00026_22124_0201.N1	24-MAY-2006 17:10:09	Twilight	47.000	58	21Alp And	2.0730	11000.	94	22124	No
216	GOM_NL__2PRFIN20060524_171438_000000452048_00026_22124_0202.N1	24-MAY-2006 17:14:38	Dark	44.500	140	88Gam Peg	2.8340	26000.	89	22124	No
217	GOM_NL__2PRFIN20060524_172328_000000462048_00026_22124_0203.N1	24-MAY-2006 17:23:28	Dark	45.500	52	16Bet Cet	2.0370	4500.0	91	22124	No
218	GOM_NL__2PRFIN20060524_173500_000000602048_00026_22124_0204.N1	24-MAY-2006 17:35:00	Dark	60.000	63	Bet Gru	2.1500	2800.0	120	22124	No
219	GOM_NL__2PRFIN20060524_173642_000000432048_00027_22125_0185.N1	24-MAY-2006 17:36:42	Dark	43.000	31	Alp Gru	1.7340	15200.	86	22125	No

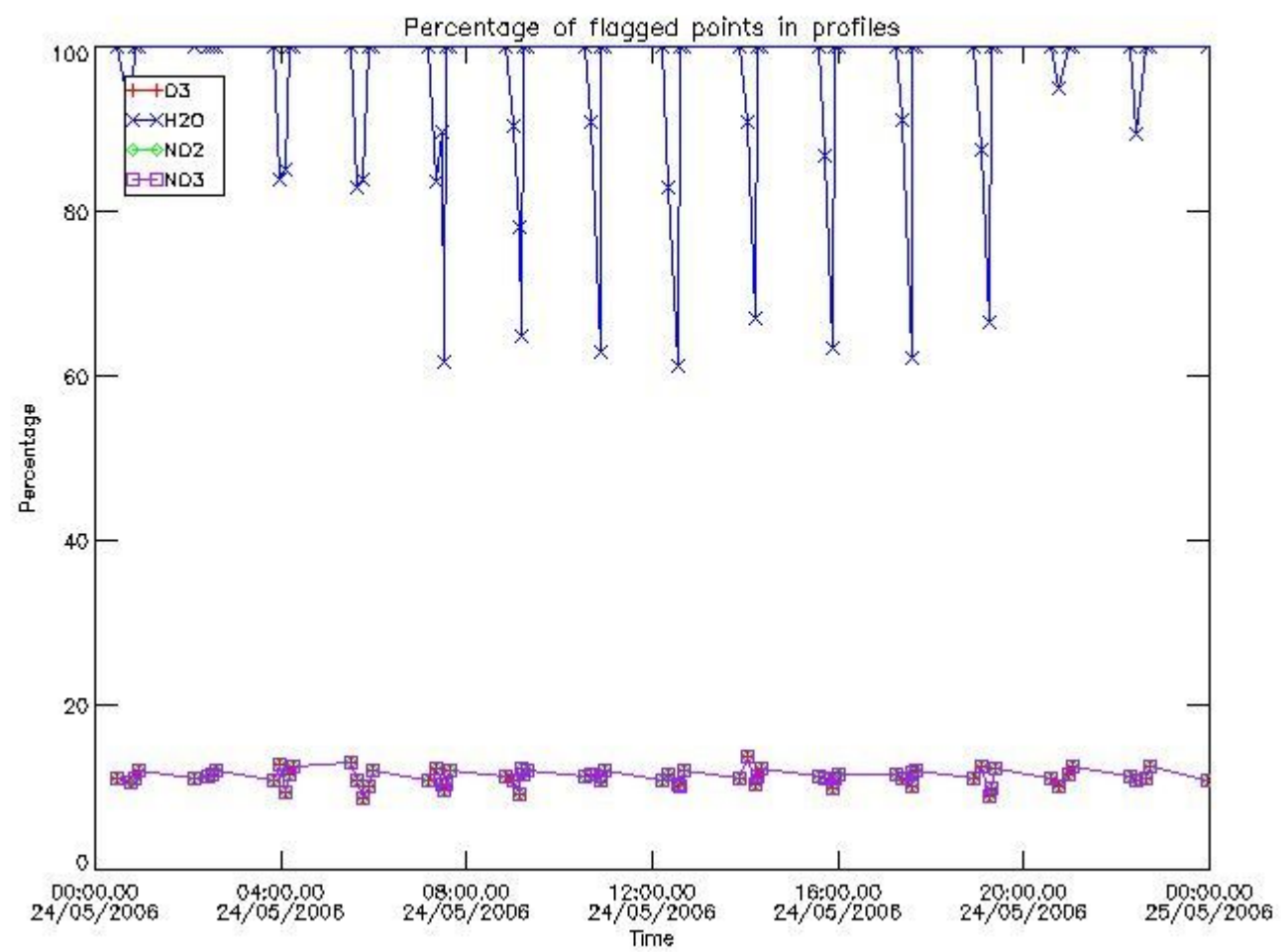
220	GOM_NL_2PRFIN20060524_174203_000000432048_00027_22125_0186.N1	24-MAY-2006 17:42:03	Dark	42.500	45	Alp Pav	1.9400	26000.	85	22125	No
221	GOM_NL_2PRFIN20060524_174846_000000462048_00027_22125_0187.N1	24-MAY-2006 17:48:46	Straylight	46.000	141	Bet Ara	2.8400	4600.0	92	22125	No
222	GOM_NL_2PRFIN20060524_175133_000000512048_00027_22125_0188.N1	24-MAY-2006 17:51:33	Straylight	50.500	40	The Sco	1.8590	7100.0	101	22125	No
223	GOM_NL_2PRFIN20060524_175324_000000522048_00027_22125_0189.N1	24-MAY-2006 17:53:24	Straylight	51.500	25	35Lam Sco	1.6200	28000.	103	22125	No
224	GOM_NL_2PRFIN20060524_175524_000000492048_00027_22125_0190.N1	24-MAY-2006 17:55:24	Twi_and_stray	48.500	75	26Eps Sco	2.2910	4250.0	97	22125	No
225	GOM_NL_2PRFIN20060524_175814_000000502048_00027_22125_0191.N1	24-MAY-2006 17:58:14	Bright	50.000	16	21Alp Sco	1.0200	3000.0	100	22125	No
226	GOM_NL_2PRFIN20060524_180036_000000412048_00027_22125_0192.N1	24-MAY-2006 18:00:36	Bright	41.000	97	8Bet1Sco	2.5610	30000.	82	22125	No
227	GOM_NL_2PRFIN20060524_180405_000000372048_00027_22125_0193.N1	24-MAY-2006 18:04:05	Bright	36.500	104	27Bet Lib	2.6140	13100.	73	22125	No
228	GOM_NL_2PRFIN20060524_180548_000000442048_00027_22125_0194.N1	24-MAY-2006 18:05:48	Bright	43.500	120	1Del Oph	2.7340	3200.0	87	22125	No
229	GOM_NL_2PRFIN20060524_180852_000000392048_00027_22125_0195.N1	24-MAY-2006 18:08:52	Bright	39.000	102	24Alp Ser	2.6000	4250.0	78	22125	No
230	GOM_NL_2PRFIN20060524_181439_000000352048_00027_22125_0196.N1	24-MAY-2006 18:14:39	Bright	34.500	83		2.3780	11000.	69	22125	No
231	GOM_NL_2PRFIN20060524_182549_000000402048_00027_22125_0197.N1	24-MAY-2006 18:25:49	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	22125	No
232	GOM_NL_2PRFIN20060524_182800_000000532048_00027_22125_0198.N1	24-MAY-2006 18:28:00	Bright	53.000	60	7Bet UMi	2.0810	3950.0	106	22125	No
233	GOM_NL_2PRFIN20060524_184046_000000352048_00027_22125_0199.N1	24-MAY-2006 18:40:46	Bright	34.500	76	27Gam Cas	2.3000	30000.	69	22125	No
234	GOM_NL_2PRFIN20060524_184157_000000362048_00027_22125_0200.N1	24-MAY-2006 18:41:57	Bright	36.000	68	18Alp Cas	2.2250	4500.0	72	22125	No
235	GOM_NL_2PRFIN20060524_184812_000000392048_00027_22125_0201.N1	24-MAY-2006 18:48:12	Bright	39.000	53	43Bet And	2.0480	3300.0	78	22125	No
236	GOM_NL_2PRFIN20060524_185045_000000482048_00027_22125_0202.N1	24-MAY-2006 18:50:45	Twi_and_stray	47.500	58	21Alp And	2.0730	11000.	95	22125	No
237	GOM_NL_2PRFIN20060524_185515_000000462048_00027_22125_0203.N1	24-MAY-2006 18:55:15	Dark	45.500	140	88Gam Peg	2.8340	26000.	91	22125	No
238	GOM_NL_2PRFIN20060524_190404_000000452048_00027_22125_0204.N1	24-MAY-2006 19:04:04	Dark	44.500	52	16Bet Cet	2.0370	4500.0	89	22125	No
239	GOM_NL_2PRFIN20060524_191537_000000572048_00027_22125_0205.N1	24-MAY-2006 19:15:37	Dark	57.000	63	Bet Gru	2.1500	2800.0	114	22125	No
240	GOM_NL_2PRFIN20060524_191719_000000512048_00028_22126_0205.N1	24-MAY-2006 19:17:19	Dark	51.000	31	Alp Gru	1.7340	15200.	102	22126	No
241	GOM_NL_2PRFIN20060524_192239_000000422048_00028_22126_0206.N1	24-MAY-2006 19:22:39	Dark	41.500	45	Alp Pav	1.9400	26000.	83	22126	No
242	GOM_NL_2PRFIN20060524_192922_000000392048_00028_22126_0207.N1	24-MAY-2006 19:29:22	Straylight	39.000	141	Bet Ara	2.8400	4600.0	78	22126	No
243	GOM_NL_2PRFIN20060524_193210_000000512048_00028_22126_0208.N1	24-MAY-2006 19:32:10	Straylight	50.500	40	The Sco	1.8590	7100.0	101	22126	No
244	GOM_NL_2PRFIN20060524_193400_000000492048_00028_22126_0209.N1	24-MAY-2006 19:34:00	Straylight	48.500	25	35Lam Sco	1.6200	28000.	97	22126	No
245	GOM_NL_2PRFIN20060524_193600_000000482048_00028_22126_0210.N1	24-MAY-2006 19:36:00	Twi_and_stray	47.500	75	26Eps Sco	2.2910	4250.0	95	22126	No
246	GOM_NL_2PRFIN20060524_193850_000000562048_00028_22126_0211.N1	24-MAY-2006 19:38:50	Bright	56.000	16	21Alp Sco	1.0200	3000.0	112	22126	No
247	GOM_NL_2PRFIN20060524_194112_000000402048_00028_22126_0212.N1	24-MAY-2006 19:41:12	Bright	39.500	97	8Bet1Sco	2.5610	30000.	79	22126	No
248	GOM_NL_2PRFIN20060524_194441_000000362048_00028_22126_0213.N1	24-MAY-2006 19:44:41	Bright	36.000	104	27Bet Lib	2.6140	13100.	72	22126	No
249	GOM_NL_2PRFIN20060524_194624_000000442048_00028_22126_0214.N1	24-MAY-2006 19:46:24	Bright	44.000	120	1Del Oph	2.7340	3200.0	88	22126	No
250	GOM_NL_2PRFIN20060524_194928_000000392048_00028_22126_0215.N1	24-MAY-2006 19:49:28	Bright	38.500	102	24Alp Ser	2.6000	4250.0	77	22126	No
251	GOM_NL_2PRFIN20060524_195515_000000392048_00028_22126_0216.N1	24-MAY-2006 19:55:15	Bright	38.500	83		2.3780	11000.	77	22126	No
252	GOM_NL_2PRFIN20060524_200625_000000402048_00028_22126_0217.N1	24-MAY-2006 20:06:25	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	22126	No
253	GOM_NL_2PRFIN20060524_200836_000000382048_00028_22126_0218.N1	24-MAY-2006 20:08:36	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	22126	No
254	GOM_NL_2PRFIN20060524_202121_000000512048_00028_22126_0219.N1	24-MAY-2006 20:21:21	Bright	50.500	76	27Gam Cas	2.3000	30000.	101	22126	No
255	GOM_NL_2PRFIN20060524_202233_000000382048_00028_22126_0220.N1	24-MAY-2006 20:22:33	Bright	37.500	68	18Alp Cas	2.2250	4500.0	75	22126	No
256	GOM_NL_2PRFIN20060524_202848_000000392048_00028_22126_0221.N1	24-MAY-2006 20:28:48	Bright	38.500	53	43Bet And	2.0480	3300.0	77	22126	No
257	GOM_NL_2PRFIN20060524_203121_000000482048_00028_22126_0222.N1	24-MAY-2006 20:31:21	Twi_and_stray	48.000	58	21Alp And	2.0730	11000.	96	22126	No
258	GOM_NL_2PRFIN20060524_203551_000000462048_00028_22126_0223.N1	24-MAY-2006 20:35:51	Dark	45.500	140	88Gam Peg	2.8340	26000.	91	22126	No
259	GOM_NL_2PRFIN20060524_204441_000000512048_00028_22126_0224.N1	24-MAY-2006 20:44:41	Dark	50.500	52	16Bet Cet	2.0370	4500.0	101	22126	No
260	GOM_NL_2PRFIN20060524_205756_000000442048_00029_22127_0205.N1	24-MAY-2006 20:57:56	Dark	44.000	31	Alp Gru	1.7340	15200.	88	22127	No
261	GOM_NL_2PRFIN20060524_210316_000000412048_00029_22127_0206.N1	24-MAY-2006 21:03:16	Dark	41.000	45	Alp Pav	1.9400	26000.	82	22127	No
262	GOM_NL_2PRFIN20060524_210958_000000402048_00029_22127_0207.N1	24-MAY-2006 21:09:58	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	22127	No
263	GOM_NL_2PRFIN20060524_211246_000000452048_00029_22127_0208.N1	24-MAY-2006 21:12:46	Straylight	45.000	40	The Sco	1.8590	7100.0	90	22127	No
264	GOM_NL_2PRFIN20060524_211437_000000472048_00029_22127_0209.N1	24-MAY-2006 21:14:37	Straylight	47.000	25	35Lam Sco	1.6200	28000.	94	22127	No
265	GOM_NL_2PRFIN20060524_211637_000000462048_00029_22127_0210.N1	24-MAY-2006 21:16:37	Twi_and_stray	46.000	75	26Eps Sco	2.2910	4250.0	92	22127	No
266	GOM_NL_2PRFIN20060524_211926_000000602048_00029_22127_0211.N1	24-MAY-2006 21:19:26	Bright	60.000	16	21Alp Sco	1.0200	3000.0	120	22127	No
267	GOM_NL_2PRFIN20060524_212148_000000412048_00029_22127_0212.N1	24-MAY-2006 21:21:48	Bright	41.000	97	8Bet1Sco	2.5610	30000.	82	22127	No
268	GOM_NL_2PRFIN20060524_212517_000000382048_00029_22127_0213.N1	24-MAY-2006 21:25:17	Bright	37.500	104	27Bet Lib	2.6140	13100.	75	22127	No
269	GOM_NL_2PRFIN20060524_212700_000000442048_00029_22127_0214.N1	24-MAY-2006 21:27:00	Bright	43.500	120	1Del Oph	2.7340	3200.0	87	22127	No
270	GOM_NL_2PRFIN20060524_213003_000000392048_00029_22127_0215.N1	24-MAY-2006 21:30:03	Bright	38.500	102	24Alp Ser	2.6000	4250.0	77	22127	No
271	GOM_NL_2PRFIN20060524_213550_000000372048_00029_22127_0216.N1	24-MAY-2006 21:35:50	Bright	36.500	83		2.3780	11000.	73	22127	No
272	GOM_NL_2PRFIN20060524_214700_000000412048_00029_22127_0217.N1	24-MAY-2006 21:47:00	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	22127	No
273	GOM_NL_2PRFIN20060524_214912_000000372048_00029_22127_0218.N1	24-MAY-2006 21:49:12	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	22127	No
274	GOM_NL_2PRFIN20060524_220157_000000342048_00029_22127_0219.N1	24-MAY-2006 22:01:57	Bright	33.500	76	27Gam Cas	2.3000	30000.	67	22127	No
275	GOM_NL_2PRFIN20060524_220309_000000552048_00029_22127_0220.N1	24-MAY-2006 22:03:09	Bright	55.000	68	18Alp Cas	2.2250	4500.0	110	22127	No
276	GOM_NL_2PRFIN20060524_220924_000000392048_00029_22127_0221.N1	24-MAY-2006 22:09:24	Bright	39.000	53	43Bet And	2.0480	3300.0	78	22127	No
277	GOM_NL_2PRFIN20060524_221157_000000482048_00029_22127_0222.N1	24-MAY-2006 22:11:57	Twi_and_stray	47.500	58	21Alp And	2.0730	11000.	95	22127	No
278	GOM_NL_2PRFIN20060524_221627_000000452048_00029_22127_0223.N1	24-MAY-2006 22:16:27	Dark	44.500	140	88Gam Peg	2.8340	26000.	89	22127	No

279	GOM_NL__2PRFIN20060524_222517_000000482048_00029_22127_0224.N1	24-MAY-2006 22:25:17	Dark	47.500	52	16Bet Cet	2.0370	4500.0	95	22127	No
280	GOM_NL__2PRFIN20060524_223832_000000462048_00030_22128_0205.N1	24-MAY-2006 22:38:32	Dark	45.500	31	Alp Gru	1.7340	15200.	91	22128	No
281	GOM_NL__2PRFIN20060524_224352_000000412048_00030_22128_0206.N1	24-MAY-2006 22:43:52	Dark	41.000	45	Alp Pav	1.9400	26000.	82	22128	No
282	GOM_NL__2PRFIN20060524_225035_000000412048_00030_22128_0207.N1	24-MAY-2006 22:50:35	Straylight	40.500	141	Bet Ara	2.8400	4600.0	81	22128	No
283	GOM_NL__2PRFIN20060524_225323_000000492048_00030_22128_0208.N1	24-MAY-2006 22:53:23	Straylight	49.000	40	The Sco	1.8590	7100.0	98	22128	No
284	GOM_NL__2PRFIN20060524_225513_000000492048_00030_22128_0209.N1	24-MAY-2006 22:55:13	Straylight	49.000	25	35Lam Sco	1.6200	28000.	98	22128	No
285	GOM_NL__2PRFIN20060524_225713_000000472048_00030_22128_0210.N1	24-MAY-2006 22:57:13	Twilight_stray	47.000	75	26Eps Sco	2.2910	4250.0	94	22128	No
286	GOM_NL__2PRFIN20060524_230002_000000592048_00030_22128_0211.N1	24-MAY-2006 23:00:02	Bright	59.000	16	21Alp Sco	1.0200	3000.0	118	22128	No
287	GOM_NL__2PRFIN20060524_230224_000000402048_00030_22128_0212.N1	24-MAY-2006 23:02:24	Bright	39.500	97	8Bet1Sco	2.5610	30000.	79	22128	No
288	GOM_NL__2PRFIN20060524_230553_000000382048_00030_22128_0213.N1	24-MAY-2006 23:05:53	Bright	37.500	104	27Bet Lib	2.6140	13100.	75	22128	No
289	GOM_NL__2PRFIN20060524_230735_000000432048_00030_22128_0214.N1	24-MAY-2006 23:07:35	Bright	43.000	120	1Del Oph	2.7340	3200.0	86	22128	No
290	GOM_NL__2PRFIN20060524_231039_000000392048_00030_22128_0215.N1	24-MAY-2006 23:10:39	Bright	39.000	102	24Alp Ser	2.6000	4250.0	78	22128	No
291	GOM_NL__2PRFIN20060524_231626_000000352048_00030_22128_0216.N1	24-MAY-2006 23:16:26	Bright	34.500	83		2.3780	11000.	69	22128	No
292	GOM_NL__2PRFIN20060524_232736_000000402048_00030_22128_0217.N1	24-MAY-2006 23:27:36	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	22128	No
293	GOM_NL__2PRFIN20060524_232948_000000362048_00030_22128_0218.N1	24-MAY-2006 23:29:48	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	22128	No
294	GOM_NL__2PRFIN20060524_234233_000000472048_00030_22128_0219.N1	24-MAY-2006 23:42:33	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	22128	No
295	GOM_NL__2PRFIN20060524_234345_000000552048_00030_22128_0220.N1	24-MAY-2006 23:43:45	Bright	55.000	68	18Alp Cas	2.2250	4500.0	110	22128	No
296	GOM_NL__2PRFIN20060524_235000_000000402048_00030_22128_0221.N1	24-MAY-2006 23:50:00	Bright	39.500	53	43Bet And	2.0480	3300.0	79	22128	No
297	GOM_NL__2PRFIN20060524_235233_000000502048_00030_22128_0222.N1	24-MAY-2006 23:52:33	Twilight_stray	49.500	58	21Alp And	2.0730	11000.	99	22128	No
298	GOM_NL__2PRFIN20060524_235703_000000472048_00030_22128_0223.N1	24-MAY-2006 23:57:03	Dark	47.000	140	88Gam Peg	2.8340	26000.	94	22128	No

3. Quality information per product

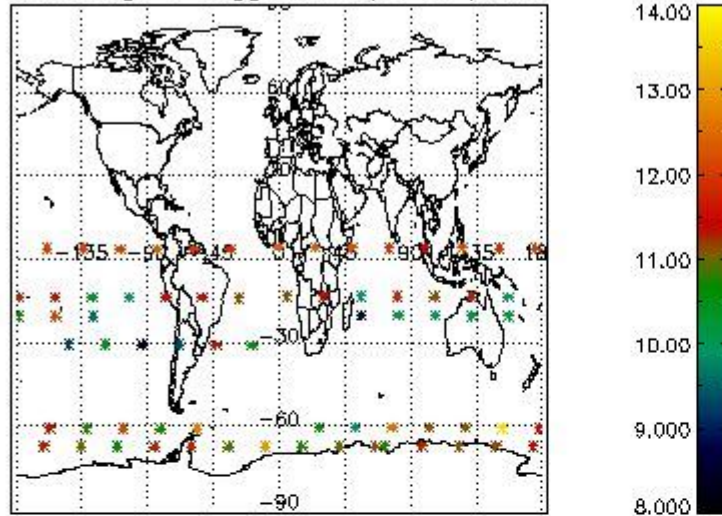
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

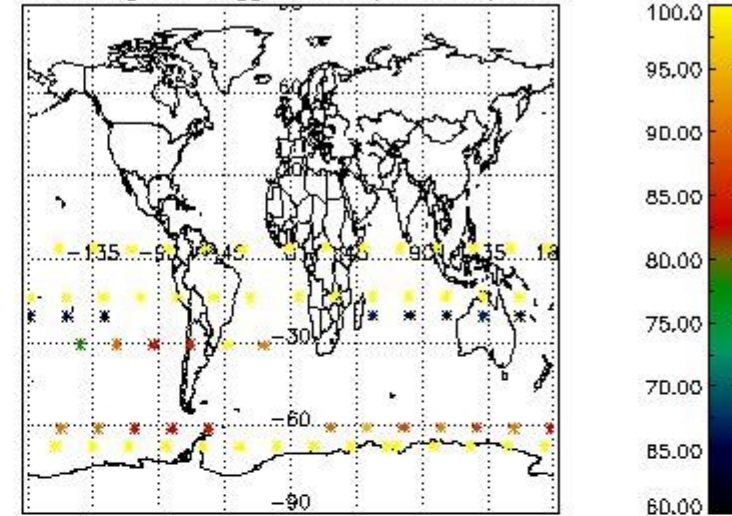


3.2 Plot quality information per product (world map)

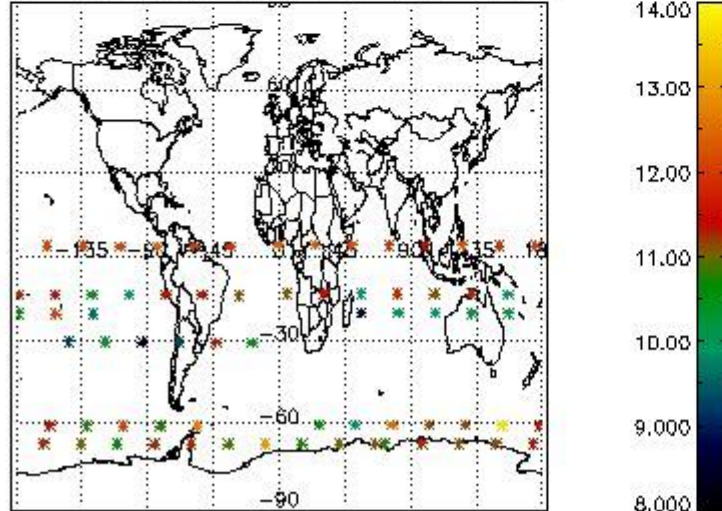
Percentage of flagged data per O3 profile



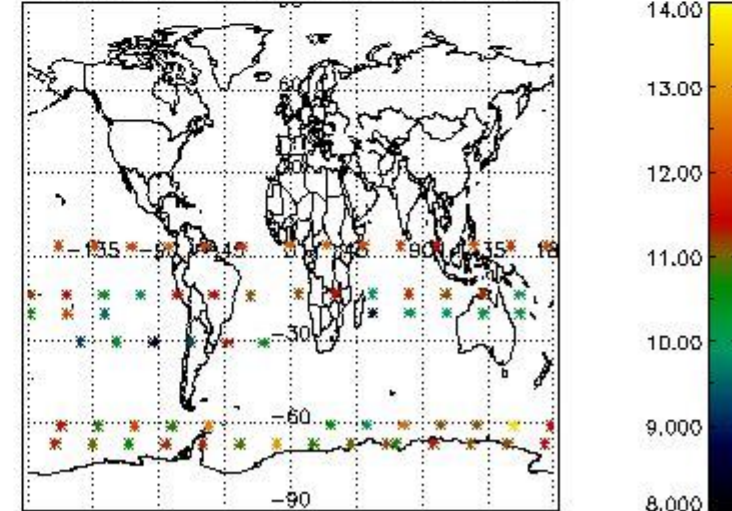
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

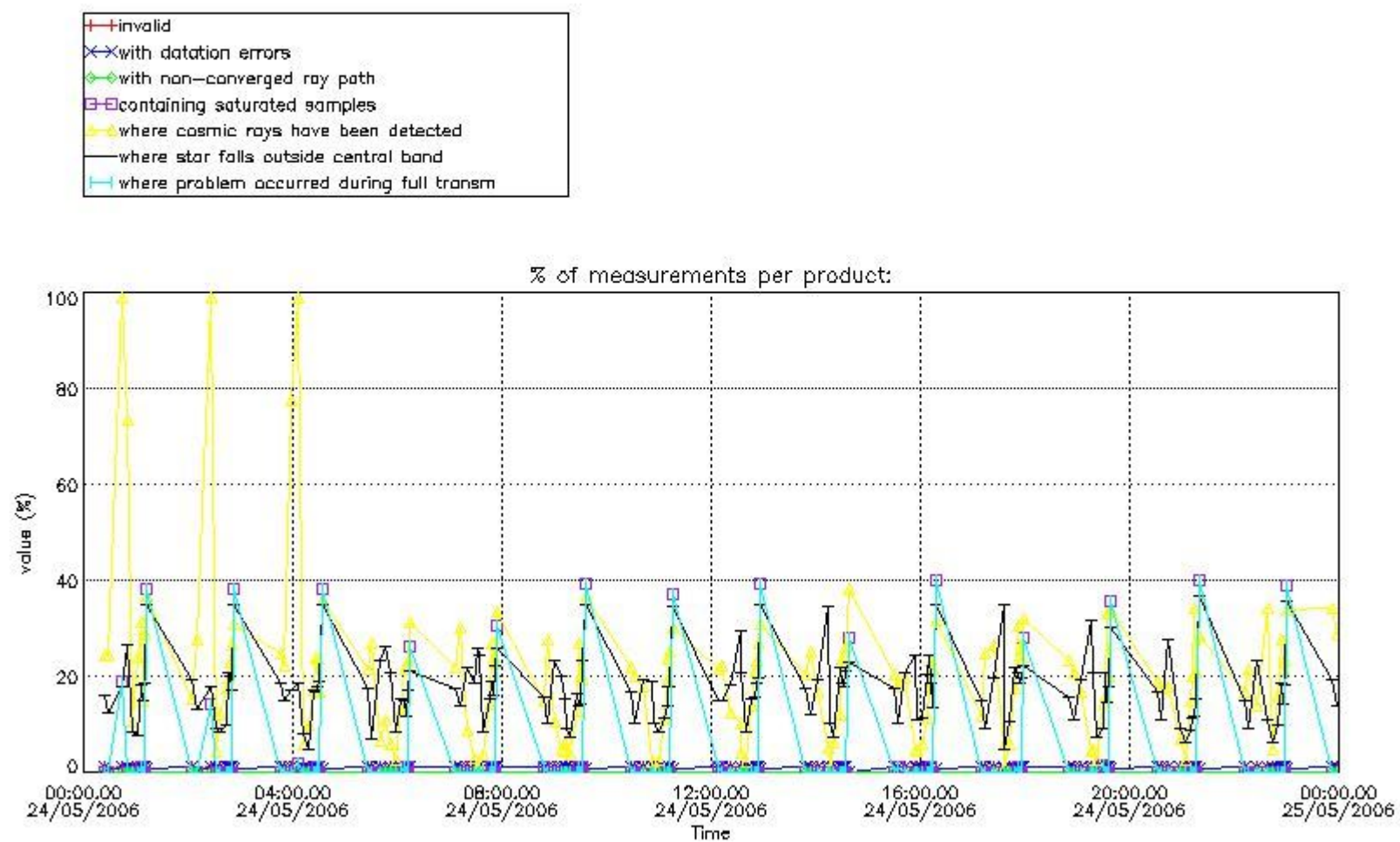


4. Level 1 quality information per product

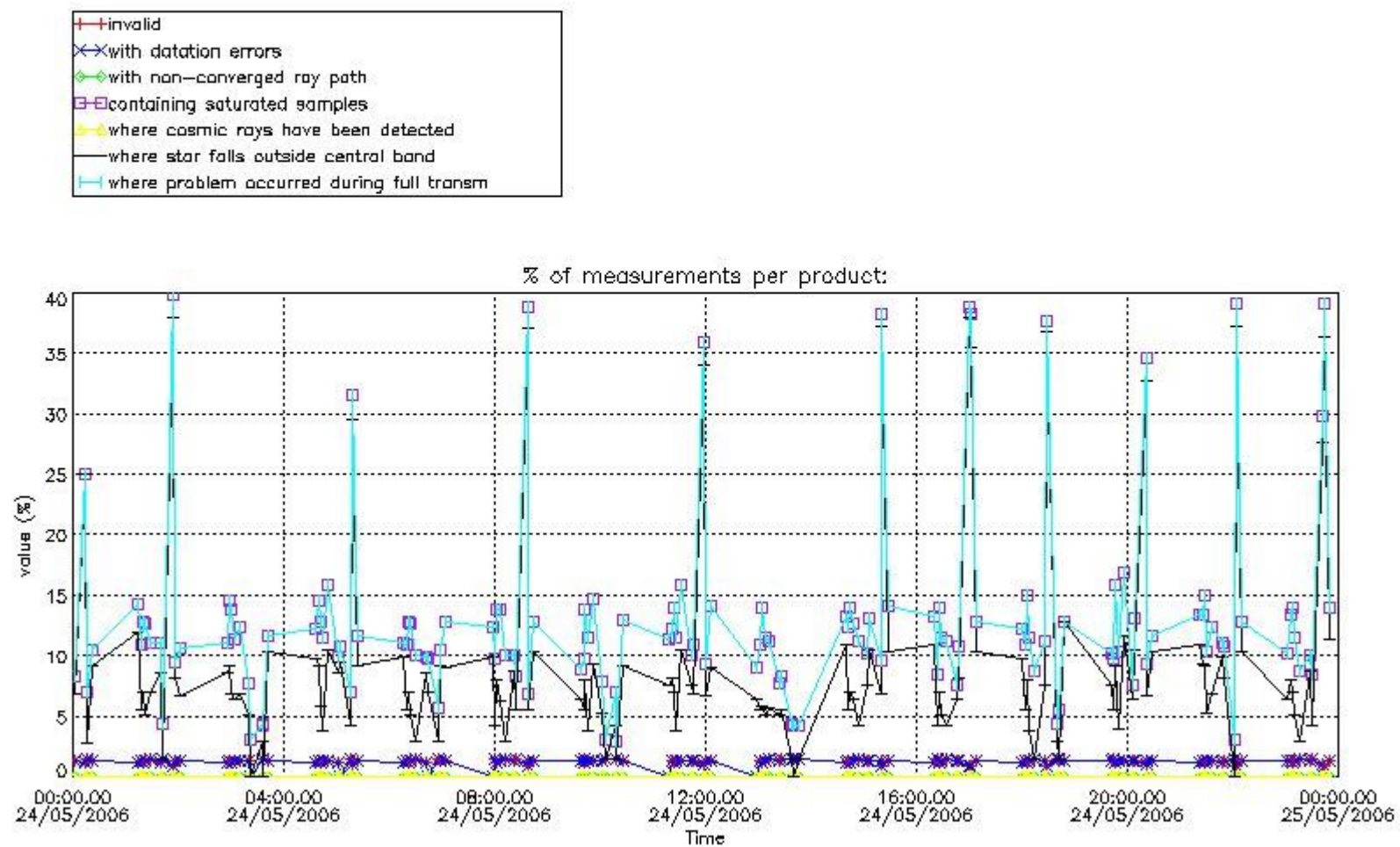
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

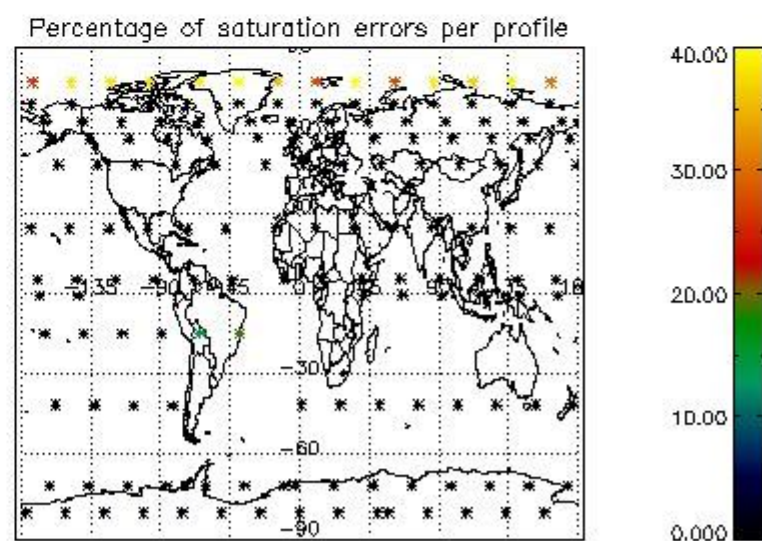
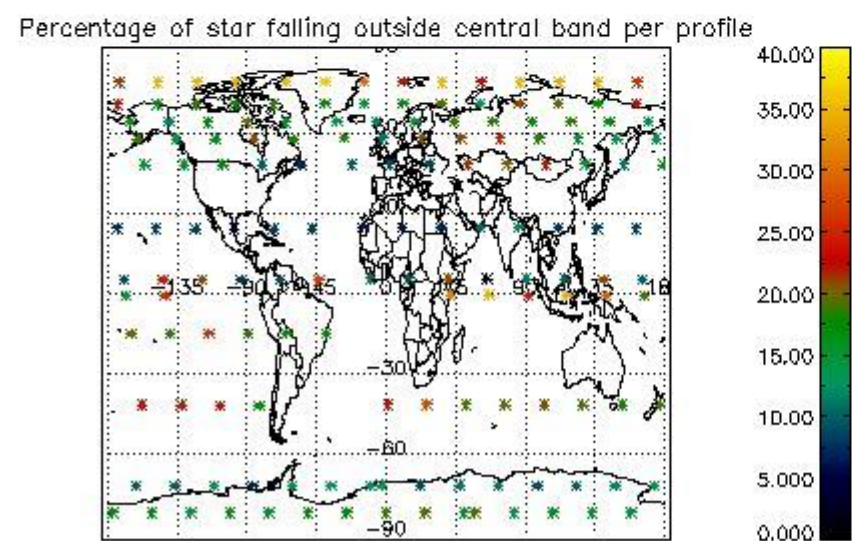
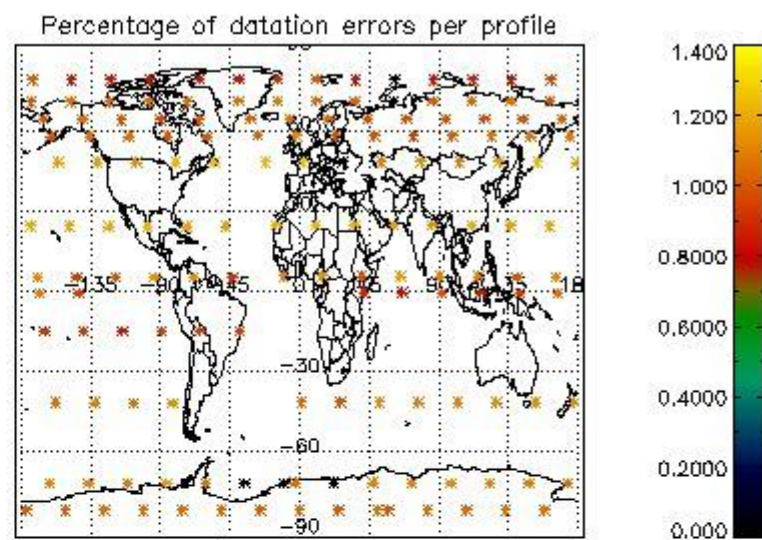
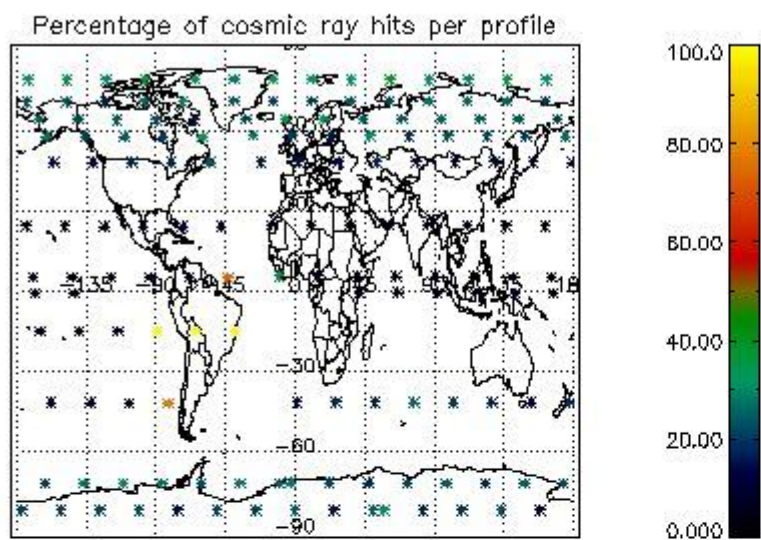


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



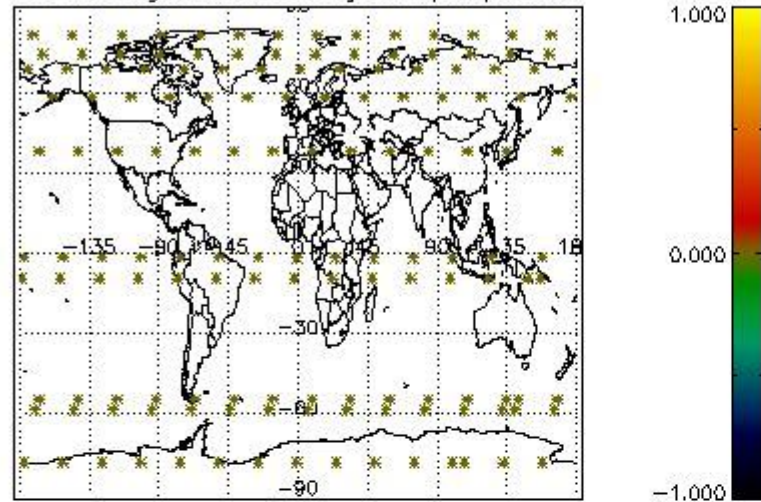
4.2 Plot quality information per product coming from level 1b processing (world map)

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

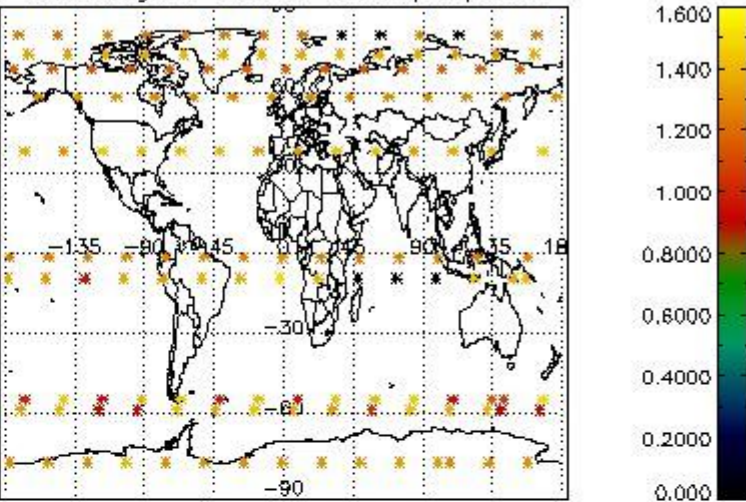


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

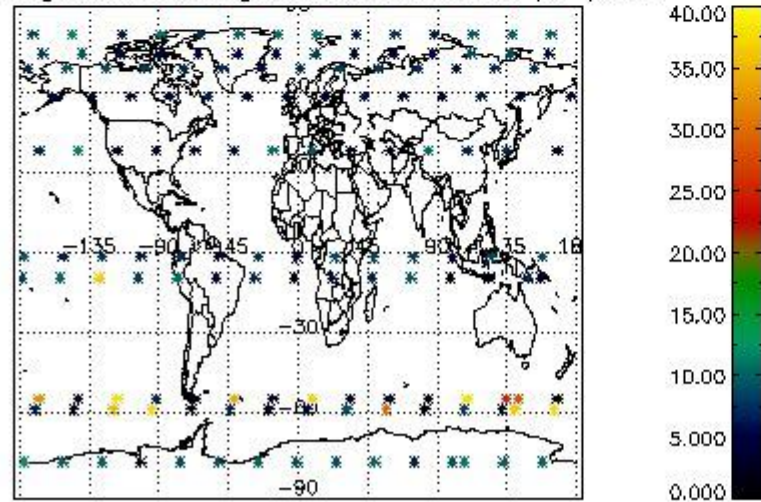
Percentage of cosmic ray hits per profile



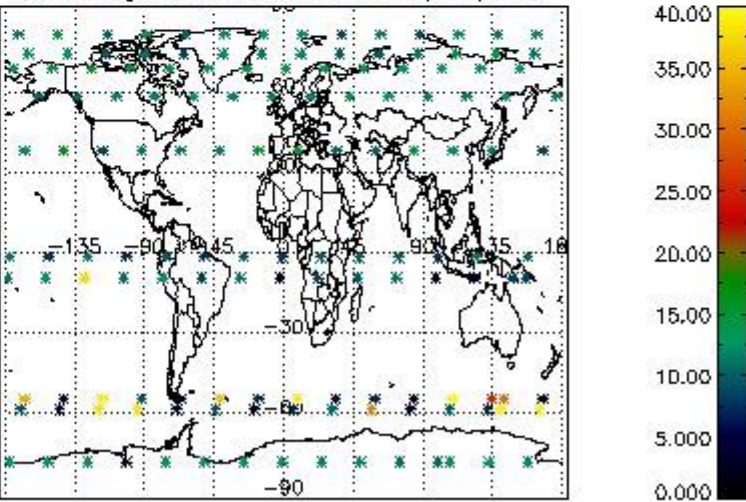
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

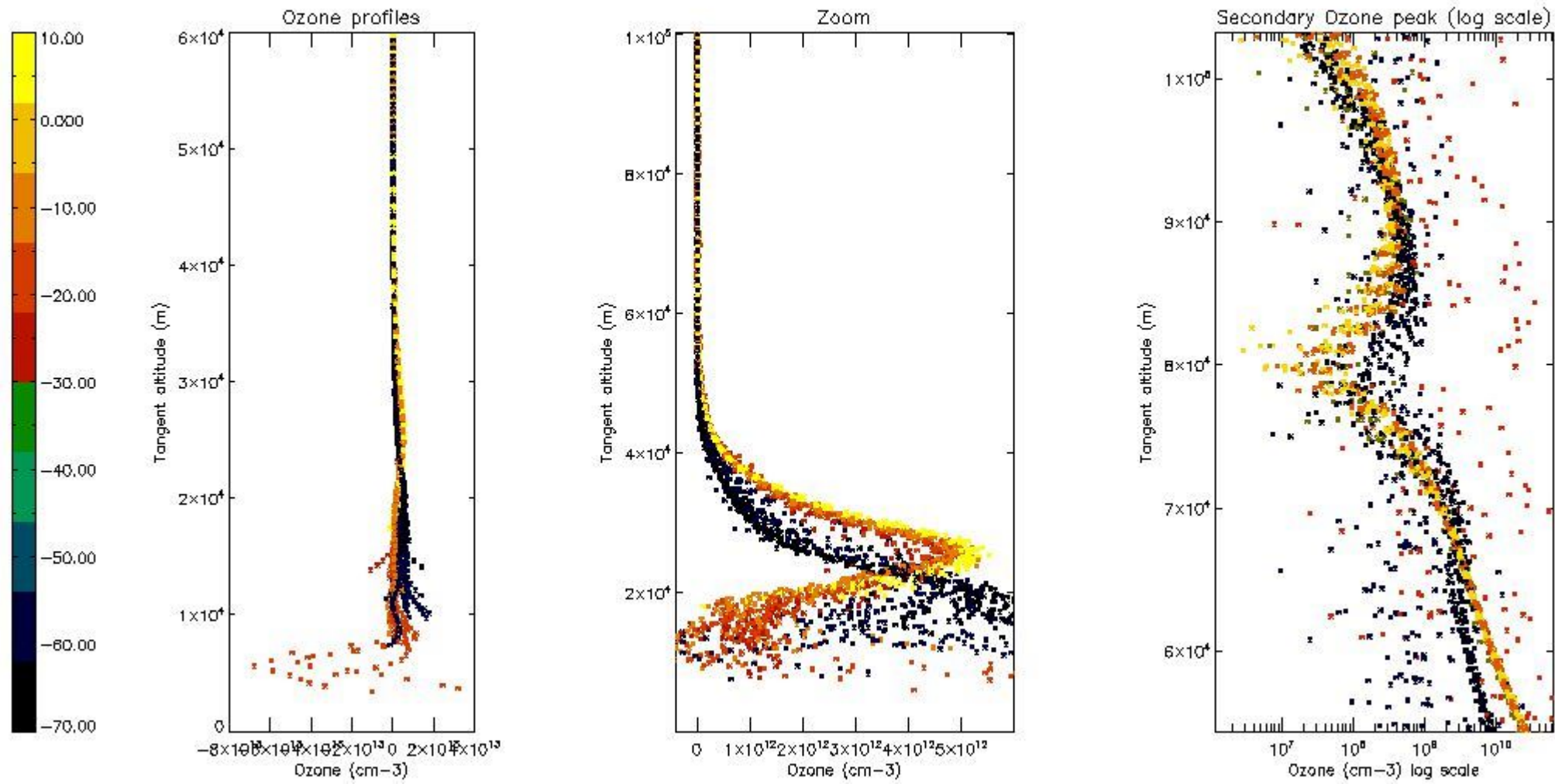
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	26
STD < 20	15

STD < 10	12
STD < 5	8

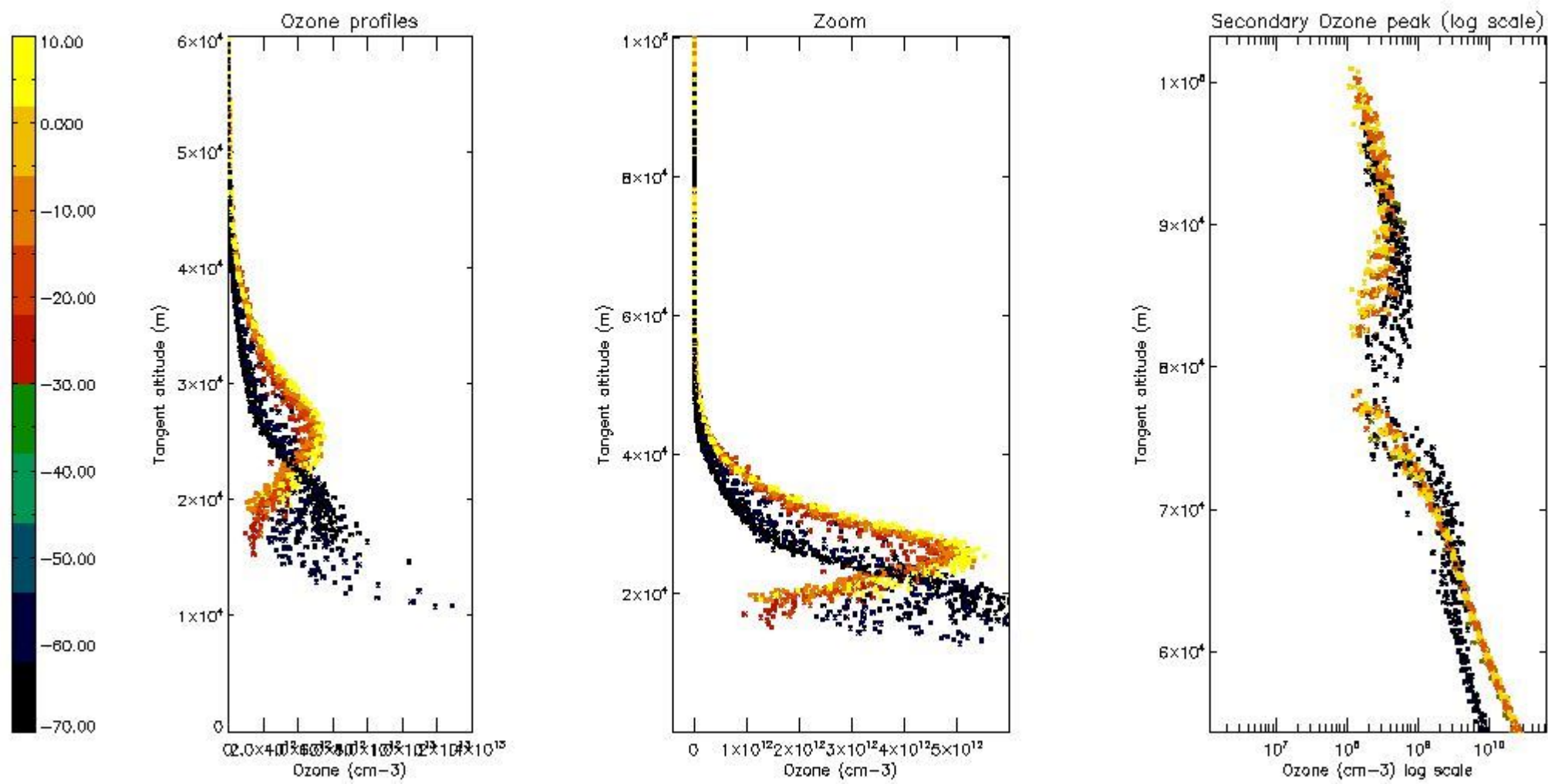
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



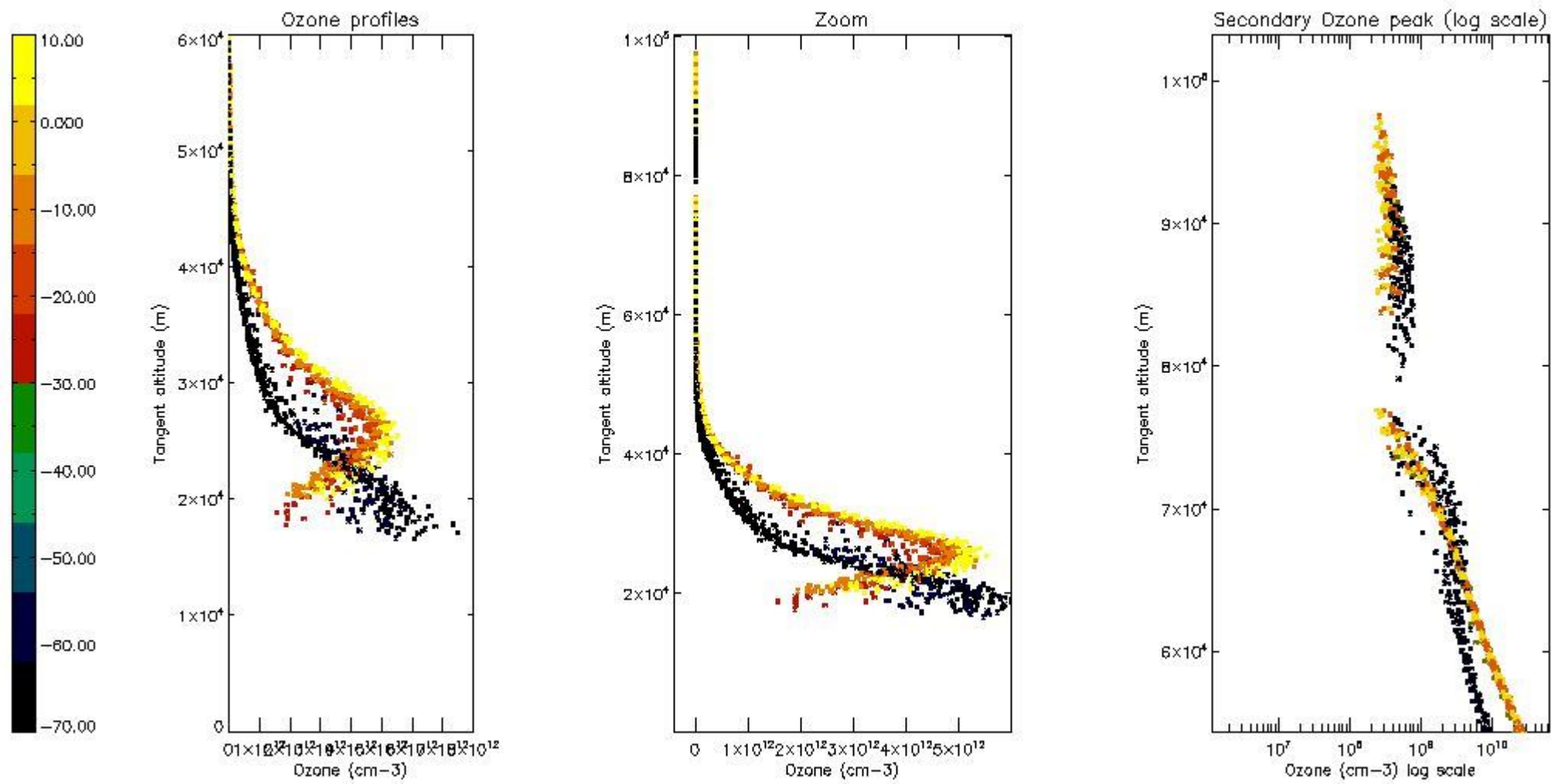
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



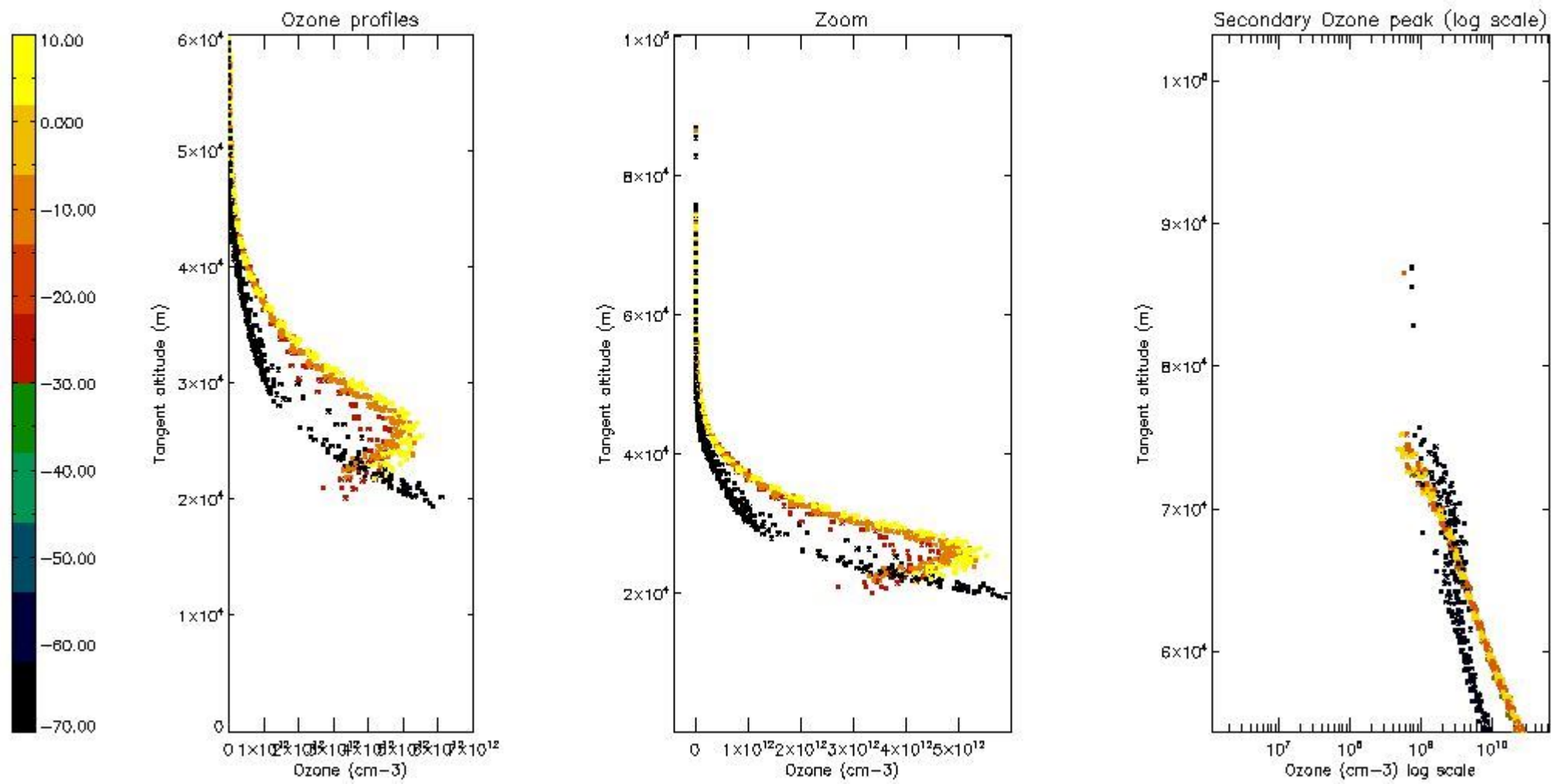
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



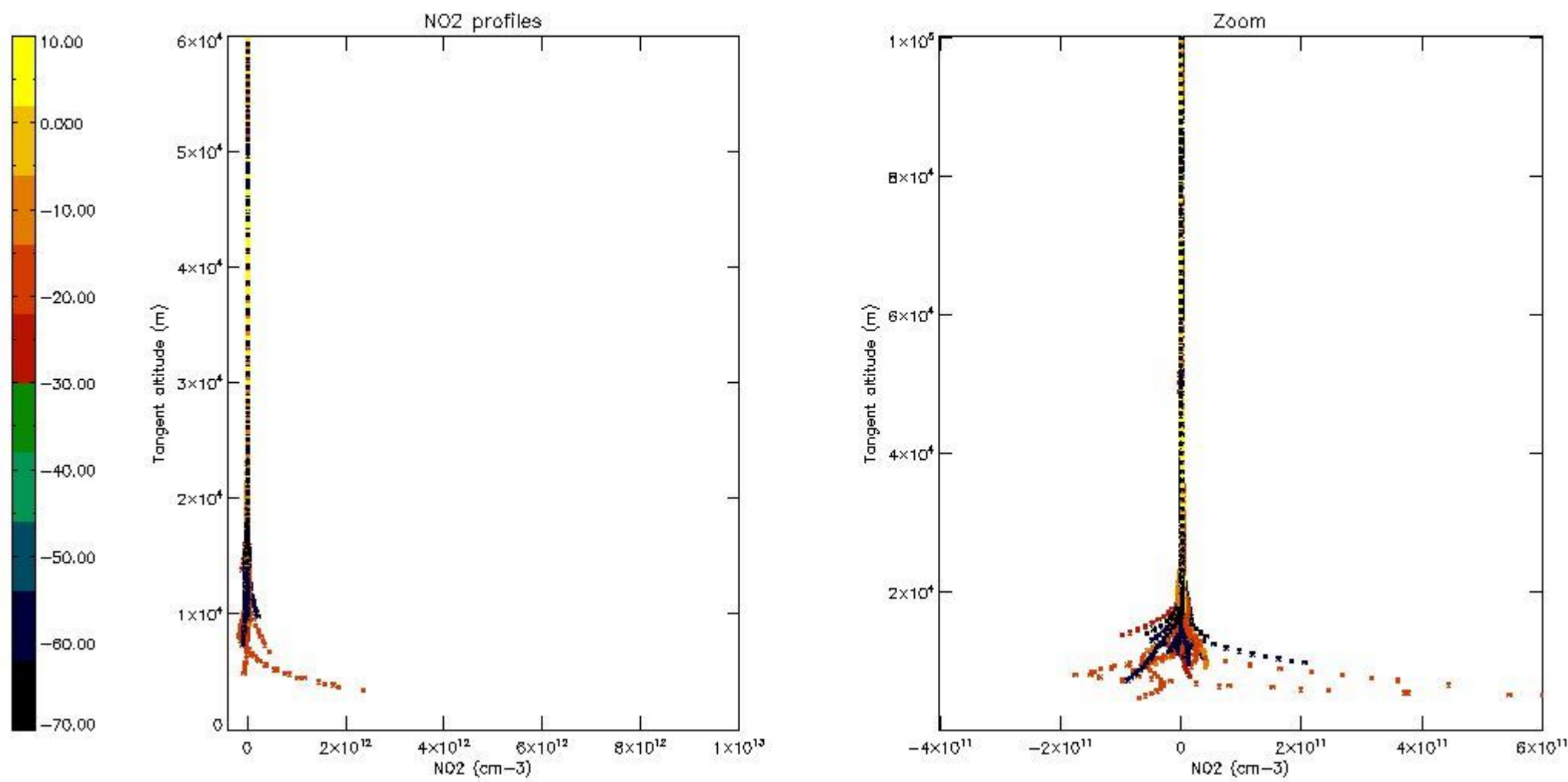
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



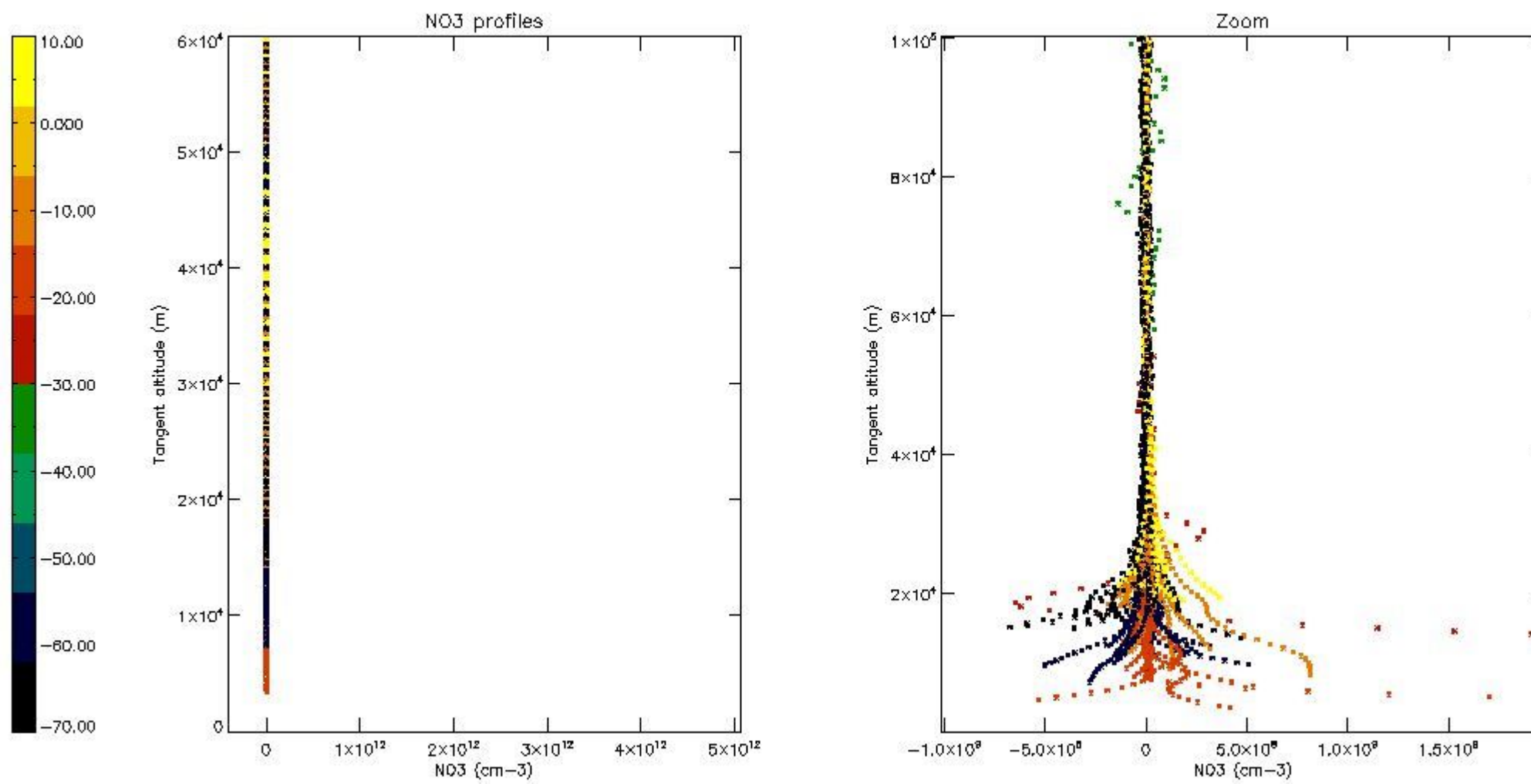
5.6 Plot NO₂ profiles for all STD (dark without errors)

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	24-MAY-2006 00:01:26
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	24-MAY-2006 00:01:26
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	24-MAY-2006 00:01:26

GOMOS Level 2 Daily Report

SUMMARY

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[4.1.1 Plot of level 1 quality information per product \(time dependant\): 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 \(dark without errors\)](#)

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[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	23APR2013 22:14:23
Data source version	GOMOS/6.01
Start time of products	24-05-2006 (24MAY2006 00:00:00)
Stop time of products	25-05-2006 (25MAY2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	298
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__2PRFIN20060524_000126_000000372048_00016_22114_0170.N1	24-MAY-2006 00:01:26	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	22114	No
2	GOM_NL__2PRFIN20060524_001411_000000442048_00016_22114_0171.N1	24-MAY-2006 00:14:11	Bright	44.000	76	27Gam Cas	2.3000	30000.	88	22114	No
3	GOM_NL__2PRFIN20060524_001523_000000362048_00016_22114_0172.N1	24-MAY-2006 00:15:23	Bright	36.000	68	18Alp Cas	2.2250	4500.0	72	22114	No
4	GOM_NL__2PRFIN20060524_002135_000000382048_00016_22114_0173.N1	24-MAY-2006 00:21:35	Bright	38.000	53	43Bet And	2.0480	3300.0	76	22114	No
5	GOM_NL__2PRFIN20060524_002408_000000472048_00016_22114_0174.N1	24-MAY-2006 00:24:08	Twilight	47.000	58	21Alp And	2.0730	11000.	94	22114	No
6	GOM_NL__2PRFIN20060524_002835_000000452048_00016_22114_0175.N1	24-MAY-2006 00:28:35	Dark	45.000	140	88Gam Peg	2.8340	26000.	90	22114	No
7	GOM_NL__2PRFIN20060524_004455_000000532048_00016_22114_0176.N1	24-MAY-2006 00:44:55	Dark	53.000	18	24Alp PsA	1.1660	9700.0	106	22114	No
8	GOM_NL__2PRFIN20060524_005034_000000552048_00017_22115_0158.N1	24-MAY-2006 00:50:34	Dark	54.500	31	Alp Gru	1.7340	15200.	109	22115	No
9	GOM_NL__2PRFIN20060524_005556_000000432048_00017_22115_0159.N1	24-MAY-2006 00:55:56	Dark	42.500	45	Alp Pav	1.9400	26000.	85	22115	No
10	GOM_NL__2PRFIN20060524_010242_000000402048_00017_22115_0160.N1	24-MAY-2006 01:02:42	Straylight	39.500	141	Bet Ara	2.8400	4600.0	79	22115	No
11	GOM_NL__2PRFIN20060524_010529_000000502048_00017_22115_0161.N1	24-MAY-2006 01:05:29	Straylight	49.500	40	The Sco	1.8590	7100.0	99	22115	No
12	GOM_NL__2PRFIN20060524_010719_000000502048_00017_22115_0162.N1	24-MAY-2006 01:07:19	Straylight	50.000	25	35Lam Sco	1.6200	28000.	100	22115	No
13	GOM_NL__2PRFIN20060524_010921_000000492048_00017_22115_0163.N1	24-MAY-2006 01:09:21	Twilight	48.500	75	26Eps Sco	2.2910	4250.0	97	22115	No
14	GOM_NL__2PRFIN20060524_011212_000000602048_00017_22115_0164.N1	24-MAY-2006 01:12:12	Bright	60.000	16	21Alp Sco	1.0200	3000.0	120	22115	No
15	GOM_NL__2PRFIN20060524_011435_000000422048_00017_22115_0165.N1	24-MAY-2006 01:14:35	Bright	42.000	97	8Bet1Sco	2.5610	30000.	84	22115	No
16	GOM_NL__2PRFIN20060524_011805_000000372048_00017_22115_0166.N1	24-MAY-2006 01:18:05	Bright	36.500	104	27Bet Lib	2.6140	13100.	73	22115	No
17	GOM_NL__2PRFIN20060524_011950_000000432048_00017_22115_0167.N1	24-MAY-2006 01:19:50	Bright	43.000	120	1Del Oph	2.7340	3200.0	86	22115	No
18	GOM_NL__2PRFIN20060524_012254_000000402048_00017_22115_0168.N1	24-MAY-2006 01:22:54	Bright	39.500	102	24Alp Ser	2.6000	4250.0	79	22115	No
19	GOM_NL__2PRFIN20060524_012840_000000362048_00017_22115_0169.N1	24-MAY-2006 01:28:40	Bright	36.000	83		2.3780	11000.	72	22115	No
20	GOM_NL__2PRFIN20060524_013954_000000412048_00017_22115_0170.N1	24-MAY-2006 01:39:54	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	22115	No
21	GOM_NL__2PRFIN20060524_014202_000000352048_00017_22115_0171.N1	24-MAY-2006 01:42:02	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	22115	No
22	GOM_NL__2PRFIN20060524_015447_000000542048_00017_22115_0172.N1	24-MAY-2006 01:54:47	Bright	54.000	76	27Gam Cas	2.3000	30000.	108	22115	No
23	GOM_NL__2PRFIN20060524_015559_000000372048_00017_22115_0173.N1	24-MAY-2006 01:55:59	Bright	37.000	68	18Alp Cas	2.2250	4500.0	74	22115	No
24	GOM_NL__2PRFIN20060524_020211_000000382048_00017_22115_0174.N1	24-MAY-2006 02:02:11	Bright	37.500	53	43Bet And	2.0480	3300.0	75	22115	No
25	GOM_NL__2PRFIN20060524_020444_000000502048_00017_22115_0175.N1	24-MAY-2006 02:04:44	Twilight	49.500	58	21Alp And	2.0730	11000.	99	22115	No
26	GOM_NL__2PRFIN20060524_020912_000000462048_00017_22115_0176.N1	24-MAY-2006 02:09:12	Dark	45.500	140	88Gam Peg	2.8340	26000.	91	22115	No
27	GOM_NL__2PRFIN20060524_022532_000000542048_00017_22115_0177.N1	24-MAY-2006 02:25:32	Dark	53.500	18	24Alp PsA	1.1660	9700.0	107	22115	No
28	GOM_NL__2PRFIN20060524_023111_000000452048_00018_22116_0183.N1	24-MAY-2006 02:31:11	Dark	44.500	31	Alp Gru	1.7340	15200.	89	22116	No
29	GOM_NL__2PRFIN20060524_023633_000000422048_00018_22116_0184.N1	24-MAY-2006 02:36:33	Dark	42.000	45	Alp Pav	1.9400	26000.	84	22116	No
30	GOM_NL__2PRFIN20060524_024318_000000412048_00018_22116_0185.N1	24-MAY-2006 02:43:18	Straylight	40.500	141	Bet Ara	2.8400	4600.0	81	22116	No
31	GOM_NL__2PRFIN20060524_024605_000000512048_00018_22116_0186.N1	24-MAY-2006 02:46:05	Straylight	50.500	40	The Sco	1.8590	7100.0	101	22116	No
32	GOM_NL__2PRFIN20060524_024756_000000532048_00018_22116_0187.N1	24-MAY-2006 02:47:56	Straylight	52.500	25	35Lam Sco	1.6200	28000.	105	22116	No
33	GOM_NL__2PRFIN20060524_024957_000000472048_00018_22116_0188.N1	24-MAY-2006 02:49:57	Twilight	47.000	75	26Eps Sco	2.2910	4250.0	94	22116	No
34	GOM_NL__2PRFIN20060524_025248_000000602048_00018_22116_0189.N1	24-MAY-2006 02:52:48	Bright	60.000	16	21Alp Sco	1.0200	3000.0	120	22116	No
35	GOM_NL__2PRFIN20060524_025511_000000412048_00018_22116_0190.N1	24-MAY-2006 02:55:11	Bright	40.500	97	8Bet1Sco	2.5610	30000.	81	22116	No
36	GOM_NL__2PRFIN20060524_025840_000000382048_00018_22116_0191.N1	24-MAY-2006 02:58:40	Bright	38.000	104	27Bet Lib	2.6140	13100.	76	22116	No
37	GOM_NL__2PRFIN20060524_030025_000000442048_00018_22116_0192.N1	24-MAY-2006 03:00:25	Bright	43.500	120	1Del Oph	2.7340	3200.0	87	22116	No
38	GOM_NL__2PRFIN20060524_030330_000000402048_00018_22116_0193.N1	24-MAY-2006 03:03:30	Bright	39.500	102	24Alp Ser	2.6000	4250.0	79	22116	No
39	GOM_NL__2PRFIN20060524_030916_000000372048_00018_22116_0194.N1	24-MAY-2006 03:09:16	Bright	36.500	83		2.3780	11000.	73	22116	No
40	GOM_NL__2PRFIN20060524_032029_000000392048_00018_22116_0195.N1	24-MAY-2006 03:20:29	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	22116	No
41	GOM_NL__2PRFIN20060524_032238_000000332048_00018_22116_0196.N1	24-MAY-2006 03:22:38	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	22116	No
42	GOM_NL__2PRFIN20060524_033522_000000352048_00018_22116_0197.N1	24-MAY-2006 03:35:22	Bright	34.500	76	27Gam Cas	2.3000	30000.	69	22116	No

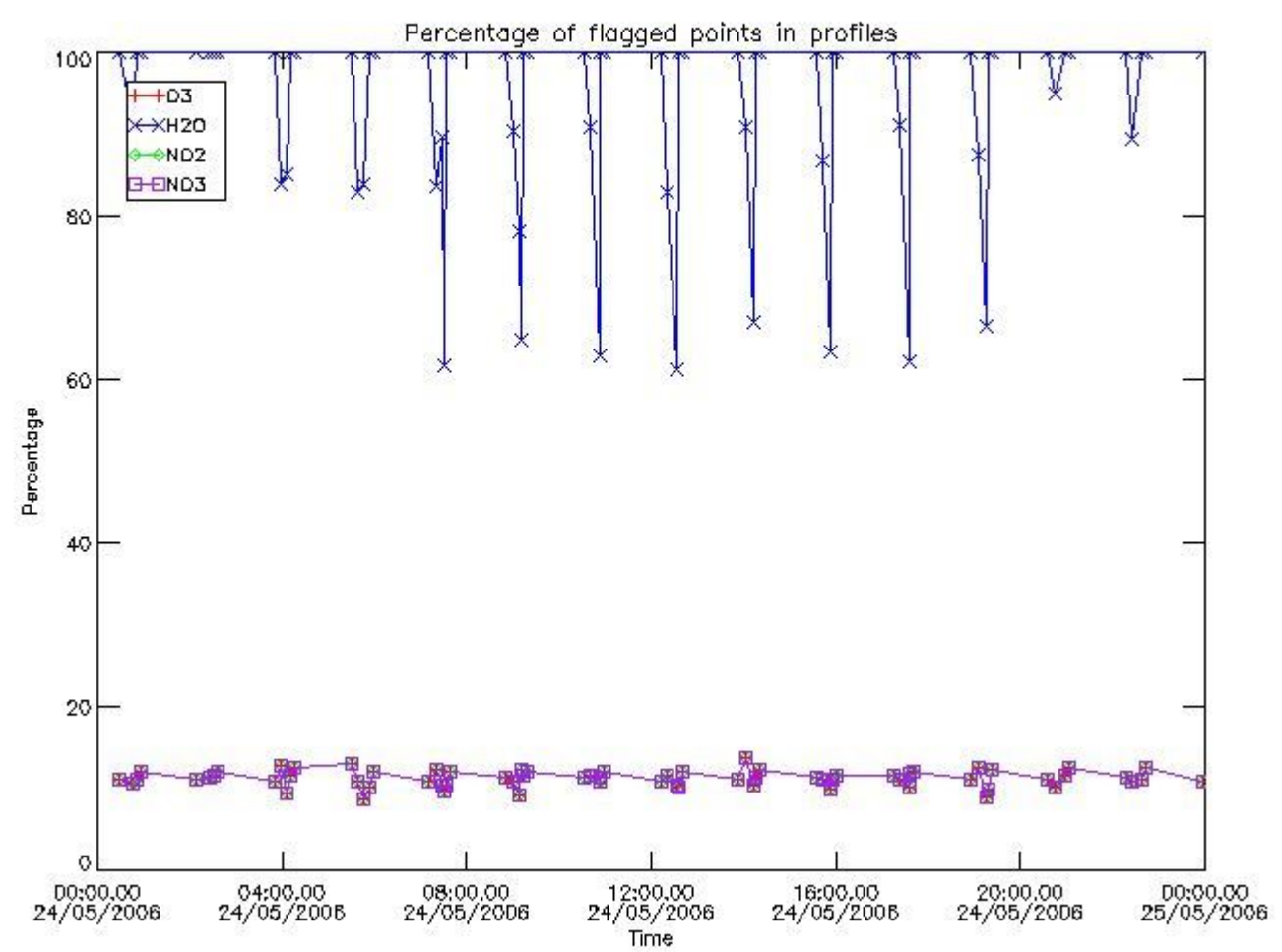
220	GOM_NL__2PRFIN20060524_174203_000000432048_00027_22125_0186.N1	24-MAY-2006 17:42:03	Dark	42.500	45	Alp Pav	1.9400	26000.	85	22125	No
221	GOM_NL__2PRFIN20060524_174846_000000462048_00027_22125_0187.N1	24-MAY-2006 17:48:46	Straylight	46.000	141	Bet Ara	2.8400	4600.0	92	22125	No
222	GOM_NL__2PRFIN20060524_175133_000000512048_00027_22125_0188.N1	24-MAY-2006 17:51:33	Straylight	50.500	40	The Sco	1.8590	7100.0	101	22125	No
223	GOM_NL__2PRFIN20060524_175324_000000522048_00027_22125_0189.N1	24-MAY-2006 17:53:24	Straylight	51.500	25	35Lam Sco	1.6200	28000.	103	22125	No
224	GOM_NL__2PRFIN20060524_175524_000000492048_00027_22125_0190.N1	24-MAY-2006 17:55:24	Tw_i_and_stray	48.500	75	26Eps Sco	2.2910	4250.0	97	22125	No
225	GOM_NL__2PRFIN20060524_175814_000000502048_00027_22125_0191.N1	24-MAY-2006 17:58:14	Bright	50.000	16	21Alp Sco	1.0200	3000.0	100	22125	No
226	GOM_NL__2PRFIN20060524_180036_000000412048_00027_22125_0192.N1	24-MAY-2006 18:00:36	Bright	41.000	97	8Bet1Sco	2.5610	30000.	82	22125	No
227	GOM_NL__2PRFIN20060524_180405_000000372048_00027_22125_0193.N1	24-MAY-2006 18:04:05	Bright	36.500	104	27Bet Lib	2.6140	13100.	73	22125	No
228	GOM_NL__2PRFIN20060524_180548_000000442048_00027_22125_0194.N1	24-MAY-2006 18:05:48	Bright	43.500	120	1Del Oph	2.7340	3200.0	87	22125	No
229	GOM_NL__2PRFIN20060524_180852_000000392048_00027_22125_0195.N1	24-MAY-2006 18:08:52	Bright	39.000	102	24Alp Ser	2.6000	4250.0	78	22125	No
230	GOM_NL__2PRFIN20060524_181439_000000352048_00027_22125_0196.N1	24-MAY-2006 18:14:39	Bright	34.500	83		2.3780	11000.	69	22125	No
231	GOM_NL__2PRFIN20060524_182549_000000402048_00027_22125_0197.N1	24-MAY-2006 18:25:49	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	22125	No
232	GOM_NL__2PRFIN20060524_182800_000000532048_00027_22125_0198.N1	24-MAY-2006 18:28:00	Bright	53.000	60	7Bet UMi	2.0810	3950.0	106	22125	No
233	GOM_NL__2PRFIN20060524_184046_000000352048_00027_22125_0199.N1	24-MAY-2006 18:40:46	Bright	34.500	76	27Gam Cas	2.3000	30000.	69	22125	No
234	GOM_NL__2PRFIN20060524_184157_000000362048_00027_22125_0200.N1	24-MAY-2006 18:41:57	Bright	36.000	68	18Alp Cas	2.2250	4500.0	72	22125	No
235	GOM_NL__2PRFIN20060524_184812_000000392048_00027_22125_0201.N1	24-MAY-2006 18:48:12	Bright	39.000	53	43Bet And	2.0480	3300.0	78	22125	No
236	GOM_NL__2PRFIN20060524_185045_000000482048_00027_22125_0202.N1	24-MAY-2006 18:50:45	Tw_i_and_stray	47.500	58	21Alp And	2.0730	11000.	95	22125	No
237	GOM_NL__2PRFIN20060524_185515_000000462048_00027_22125_0203.N1	24-MAY-2006 18:55:15	Dark	45.500	140	88Gam Peg	2.8340	26000.	91	22125	No
238	GOM_NL__2PRFIN20060524_190404_000000452048_00027_22125_0204.N1	24-MAY-2006 19:04:04	Dark	44.500	52	16Bet Cet	2.0370	4500.0	89	22125	No
239	GOM_NL__2PRFIN20060524_191537_000000572048_00027_22125_0205.N1	24-MAY-2006 19:15:37	Dark	57.000	63	Bet Gru	2.1500	2800.0	114	22125	No
240	GOM_NL__2PRFIN20060524_191719_000000512048_00028_22126_0205.N1	24-MAY-2006 19:17:19	Dark	51.000	31	Alp Gru	1.7340	15200.	102	22126	No
241	GOM_NL__2PRFIN20060524_192239_000000422048_00028_22126_0206.N1	24-MAY-2006 19:22:39	Dark	41.500	45	Alp Pav	1.9400	26000.	83	22126	No
242	GOM_NL__2PRFIN20060524_192922_000000392048_00028_22126_0207.N1	24-MAY-2006 19:29:22	Straylight	39.000	141	Bet Ara	2.8400	4600.0	78	22126	No
243	GOM_NL__2PRFIN20060524_193210_000000512048_00028_22126_0208.N1	24-MAY-2006 19:32:10	Straylight	50.500	40	The Sco	1.8590	7100.0	101	22126	No
244	GOM_NL__2PRFIN20060524_193400_000000492048_00028_22126_0209.N1	24-MAY-2006 19:34:00	Straylight	48.500	25	35Lam Sco	1.6200	28000.	97	22126	No
245	GOM_NL__2PRFIN20060524_193600_000000482048_00028_22126_0210.N1	24-MAY-2006 19:36:00	Tw_i_and_stray	47.500	75	26Eps Sco	2.2910	4250.0	95	22126	No
246	GOM_NL__2PRFIN20060524_193850_000000562048_00028_22126_0211.N1	24-MAY-2006 19:38:50	Bright	56.000	16	21Alp Sco	1.0200	3000.0	112	22126	No
247	GOM_NL__2PRFIN20060524_194112_000000402048_00028_22126_0212.N1	24-MAY-2006 19:41:12	Bright	39.500	97	8Bet1Sco	2.5610	30000.	79	22126	No
248	GOM_NL__2PRFIN20060524_194441_000000362048_00028_22126_0213.N1	24-MAY-2006 19:44:41	Bright	36.000	104	27Bet Lib	2.6140	13100.	72	22126	No
249	GOM_NL__2PRFIN20060524_194624_000000442048_00028_22126_0214.N1	24-MAY-2006 19:46:24	Bright	44.000	120	1Del Oph	2.7340	3200.0	88	22126	No
250	GOM_NL__2PRFIN20060524_194928_000000392048_00028_22126_0215.N1	24-MAY-2006 19:49:28	Bright	38.500	102	24Alp Ser	2.6000	4250.0	77	22126	No
251	GOM_NL__2PRFIN20060524_195515_000000392048_00028_22126_0216.N1	24-MAY-2006 19:55:15	Bright	38.500	83		2.3780	11000.	77	22126	No
252	GOM_NL__2PRFIN20060524_200625_000000402048_00028_22126_0217.N1	24-MAY-2006 20:06:25	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	22126	No
253	GOM_NL__2PRFIN20060524_200836_000000382048_00028_22126_0218.N1	24-MAY-2006 20:08:36	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	22126	No
254	GOM_NL__2PRFIN20060524_202121_000000512048_00028_22126_0219.N1	24-MAY-2006 20:21:21	Bright	50.500	76	27Gam Cas	2.3000	30000.	101	22126	No
255	GOM_NL__2PRFIN20060524_202233_000000382048_00028_22126_0220.N1	24-MAY-2006 20:22:33	Bright	37.500	68	18Alp Cas	2.2250	4500.0	75	22126	No
256	GOM_NL__2PRFIN20060524_202848_000000392048_00028_22126_0221.N1	24-MAY-2006 20:28:48	Bright	38.500	53	43Bet And	2.0480	3300.0	77	22126	No
257	GOM_NL__2PRFIN20060524_203121_000000482048_00028_22126_0222.N1	24-MAY-2006 20:31:21	Tw_i_and_stray	48.000	58	21Alp And	2.0730	11000.	96	22126	No
258	GOM_NL__2PRFIN20060524_203551_000000462048_00028_22126_0223.N1	24-MAY-2006 20:35:51	Dark	45.500	140	88Gam Peg	2.8340	26000.	91	22126	No
259	GOM_NL__2PRFIN20060524_204441_000000512048_00028_22126_0224.N1	24-MAY-2006 20:44:41	Dark	50.500	52	16Bet Cet	2.0370	4500.0	101	22126	No
260	GOM_NL__2PRFIN20060524_205756_000000442048_00029_22127_0205.N1	24-MAY-2006 20:57:56	Dark	44.000	31	Alp Gru	1.7340	15200.	88	22127	No
261	GOM_NL__2PRFIN20060524_210316_000000412048_00029_22127_0206.N1	24-MAY-2006 21:03:16	Dark	41.000	45	Alp Pav	1.9400	26000.	82	22127	No
262	GOM_NL__2PRFIN20060524_210958_000000402048_00029_22127_0207.N1	24-MAY-2006 21:09:58	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	22127	No
263	GOM_NL__2PRFIN20060524_211246_000000452048_00029_22127_0208.N1	24-MAY-2006 21:12:46	Straylight	45.000	40	The Sco	1.8590	7100.0	90	22127	No
264	GOM_NL__2PRFIN20060524_211437_000000472048_00029_22127_0209.N1	24-MAY-2006 21:14:37	Straylight	47.000	25	35Lam Sco	1.6200	28000.	94	22127	No
265	GOM_NL__2PRFIN20060524_211637_000000462048_00029_22127_0210.N1	24-MAY-2006 21:16:37	Tw_i_and_stray	46.000	75	26Eps Sco	2.2910	4250.0	92	22127	No
266	GOM_NL__2PRFIN20060524_211926_000000602048_00029_22127_0211.N1	24-MAY-2006 21:19:26	Bright	60.000	16	21Alp Sco	1.0200	3000.0	120	22127	No
267	GOM_NL__2PRFIN20060524_212148_000000412048_00029_22127_0212.N1	24-MAY-2006 21:21:48	Bright	41.000	97	8Bet1Sco	2.5610	30000.	82	22127	No
268	GOM_NL__2PRFIN20060524_212517_000000382048_00029_22127_0213.N1	24-MAY-2006 21:25:17	Bright	37.500	104	27Bet Lib	2.6140	13100.	75	22127	No
269	GOM_NL__2PRFIN20060524_212700_000000442048_00029_22127_0214.N1	24-MAY-2006 21:27:00	Bright	43.500	120	1Del Oph	2.7340	3200.0	87	22127	No
270	GOM_NL__2PRFIN20060524_213003_000000392048_00029_22127_0215.N1	24-MAY-2006 21:30:03	Bright	38.500	102	24Alp Ser	2.6000	4250.0	77	22127	No
271	GOM_NL__2PRFIN20060524_213550_000000372048_00029_22127_0216.N1	24-MAY-2006 21:35:50	Bright	36.500	83		2.3780	11000.	73	22127	No
272	GOM_NL__2PRFIN20060524_214700_000000412048_00029_22127_0217.N1	24-MAY-2006 21:47:00	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	22127	No
273	GOM_NL__2PRFIN20060524_214912_000000372048_00029_22127_0218.N1	24-MAY-2006 21:49:12	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	22127	No
274	GOM_NL__2PRFIN20060524_220157_000000342048_00029_22127_0219.N1	24-MAY-2006 22:01:57	Bright	33.500	76	27Gam Cas	2.3000	30000.	67	22127	No
275	GOM_NL__2PRFIN20060524_220309_000000552048_00029_22127_0220.N1	24-MAY-2006 22:03:09	Bright	55.000	68	18Alp Cas	2.2250	4500.0	110	22127	No
276	GOM_NL__2PRFIN20060524_220924_000000392048_00029_22127_0221.N1	24-MAY-2006 22:09:24	Bright	39.000	53	43Bet And	2.0480	3300.0	78	22127	No
277	GOM_NL__2PRFIN20060524_221157_000000482048_00029_22127_0222.N1	24-MAY-2006 22:11:57	Tw_i_and_stray	47.500	58	21Alp And	2.0730	11000.	95	22127	No
278	GOM_NL__2PRFIN20060524_221627_000000452048_00029_22127_0223.N1	24-MAY-2006 22:16:27	Dark	44.500	140	88Gam Peg	2.8340	26000.	89	22127	No

279	GOM_NL__2PRFIN20060524_222517_000000482048_00029_22127_0224.N1	24-MAY-2006 22:25:17	Dark	47.500	52	16Bet Cet	2.0370	4500.0	95	22127	No
280	GOM_NL__2PRFIN20060524_223832_000000462048_00030_22128_0205.N1	24-MAY-2006 22:38:32	Dark	45.500	31	Alp Gru	1.7340	15200.	91	22128	No
281	GOM_NL__2PRFIN20060524_224352_000000412048_00030_22128_0206.N1	24-MAY-2006 22:43:52	Dark	41.000	45	Alp Pav	1.9400	26000.	82	22128	No
282	GOM_NL__2PRFIN20060524_225035_000000412048_00030_22128_0207.N1	24-MAY-2006 22:50:35	Straylight	40.500	141	Bet Ara	2.8400	4600.0	81	22128	No
283	GOM_NL__2PRFIN20060524_225323_000000492048_00030_22128_0208.N1	24-MAY-2006 22:53:23	Straylight	49.000	40	The Sco	1.8590	7100.0	98	22128	No
284	GOM_NL__2PRFIN20060524_225513_000000492048_00030_22128_0209.N1	24-MAY-2006 22:55:13	Straylight	49.000	25	35Lam Sco	1.6200	28000.	98	22128	No
285	GOM_NL__2PRFIN20060524_225713_000000472048_00030_22128_0210.N1	24-MAY-2006 22:57:13	Twilight_stray	47.000	75	26Eps Sco	2.2910	4250.0	94	22128	No
286	GOM_NL__2PRFIN20060524_230002_000000592048_00030_22128_0211.N1	24-MAY-2006 23:00:02	Bright	59.000	16	21Alp Sco	1.0200	3000.0	118	22128	No
287	GOM_NL__2PRFIN20060524_230224_000000402048_00030_22128_0212.N1	24-MAY-2006 23:02:24	Bright	39.500	97	8Bet1Sco	2.5610	30000.	79	22128	No
288	GOM_NL__2PRFIN20060524_230553_000000382048_00030_22128_0213.N1	24-MAY-2006 23:05:53	Bright	37.500	104	27Bet Lib	2.6140	13100.	75	22128	No
289	GOM_NL__2PRFIN20060524_230735_000000432048_00030_22128_0214.N1	24-MAY-2006 23:07:35	Bright	43.000	120	1Del Oph	2.7340	3200.0	86	22128	No
290	GOM_NL__2PRFIN20060524_231039_000000392048_00030_22128_0215.N1	24-MAY-2006 23:10:39	Bright	39.000	102	24Alp Ser	2.6000	4250.0	78	22128	No
291	GOM_NL__2PRFIN20060524_231626_000000352048_00030_22128_0216.N1	24-MAY-2006 23:16:26	Bright	34.500	83		2.3780	11000.	69	22128	No
292	GOM_NL__2PRFIN20060524_232736_000000402048_00030_22128_0217.N1	24-MAY-2006 23:27:36	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	22128	No
293	GOM_NL__2PRFIN20060524_232948_000000362048_00030_22128_0218.N1	24-MAY-2006 23:29:48	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	22128	No
294	GOM_NL__2PRFIN20060524_234233_000000472048_00030_22128_0219.N1	24-MAY-2006 23:42:33	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	22128	No
295	GOM_NL__2PRFIN20060524_234345_000000552048_00030_22128_0220.N1	24-MAY-2006 23:43:45	Bright	55.000	68	18Alp Cas	2.2250	4500.0	110	22128	No
296	GOM_NL__2PRFIN20060524_235000_000000402048_00030_22128_0221.N1	24-MAY-2006 23:50:00	Bright	39.500	53	43Bet And	2.0480	3300.0	79	22128	No
297	GOM_NL__2PRFIN20060524_235233_000000502048_00030_22128_0222.N1	24-MAY-2006 23:52:33	Twilight_stray	49.500	58	21Alp And	2.0730	11000.	99	22128	No
298	GOM_NL__2PRFIN20060524_235703_000000472048_00030_22128_0223.N1	24-MAY-2006 23:57:03	Dark	47.000	140	88Gam Peg	2.8340	26000.	94	22128	No

3. Quality information per product

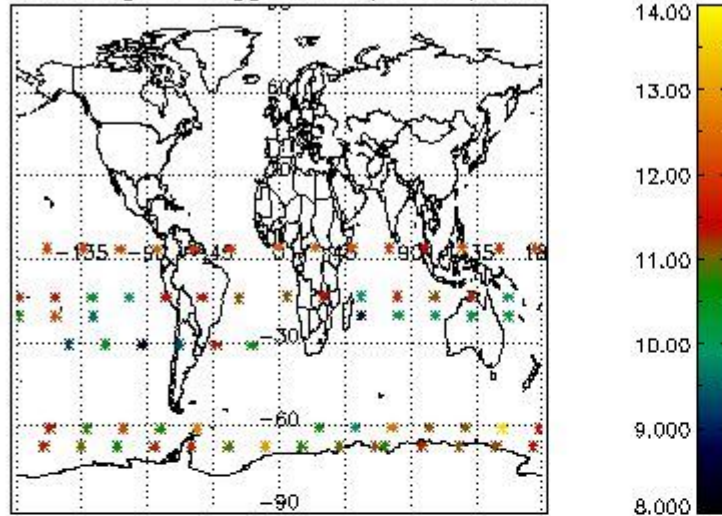
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

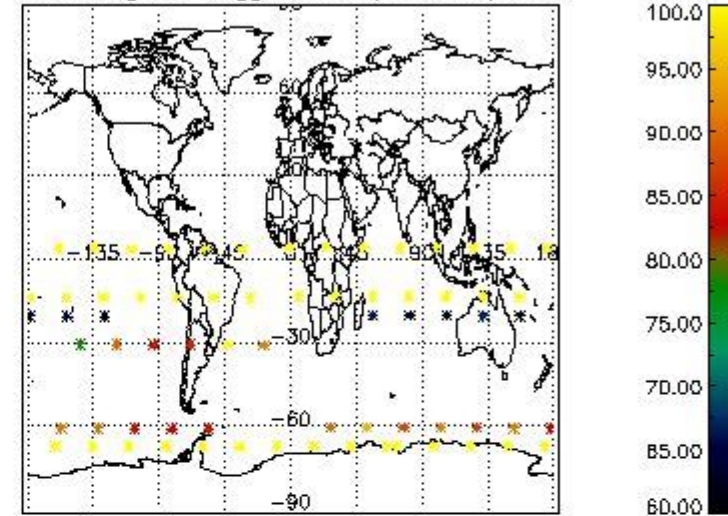


3.2 Plot quality information per product (world map)

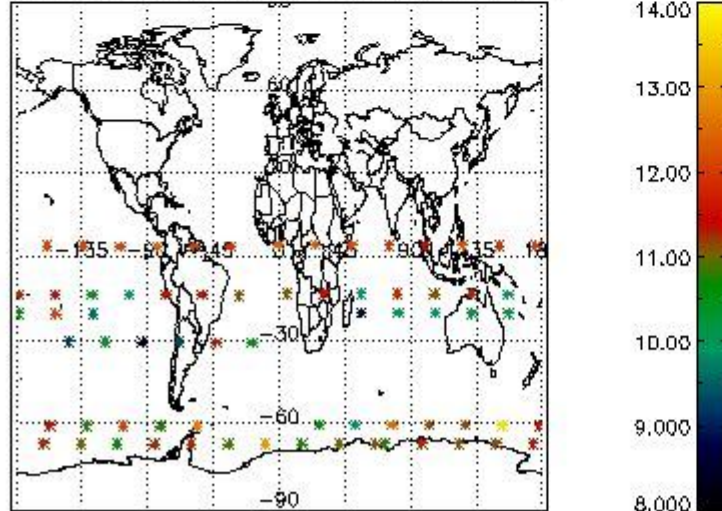
Percentage of flagged data per O3 profile



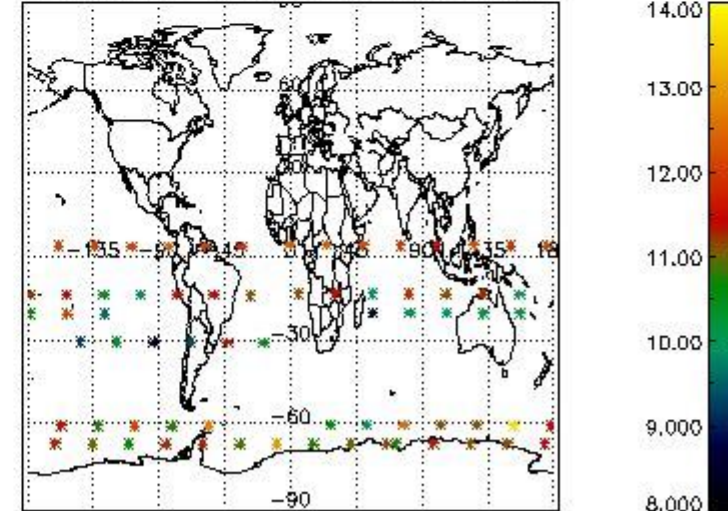
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

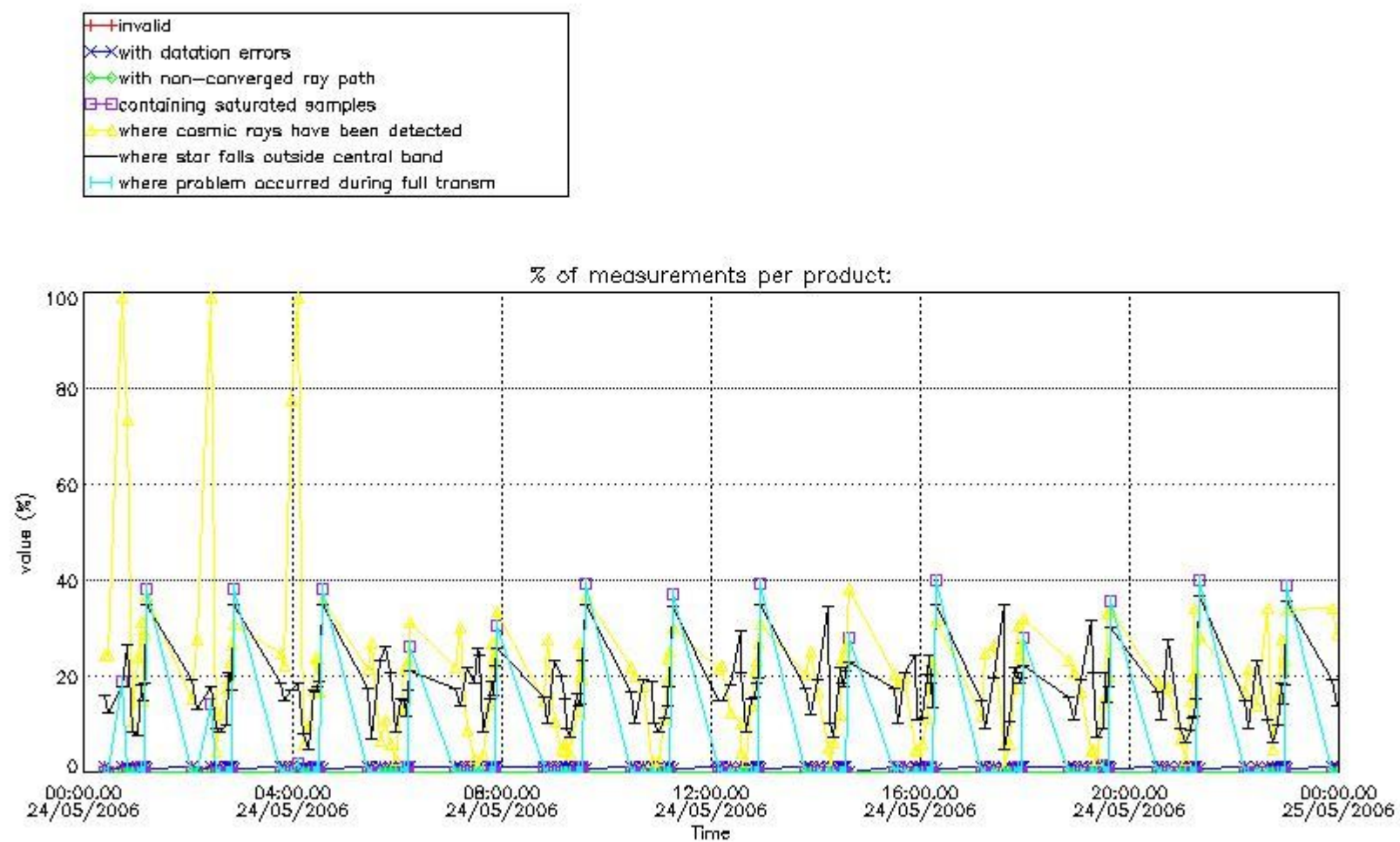


4. Level 1 quality information per product

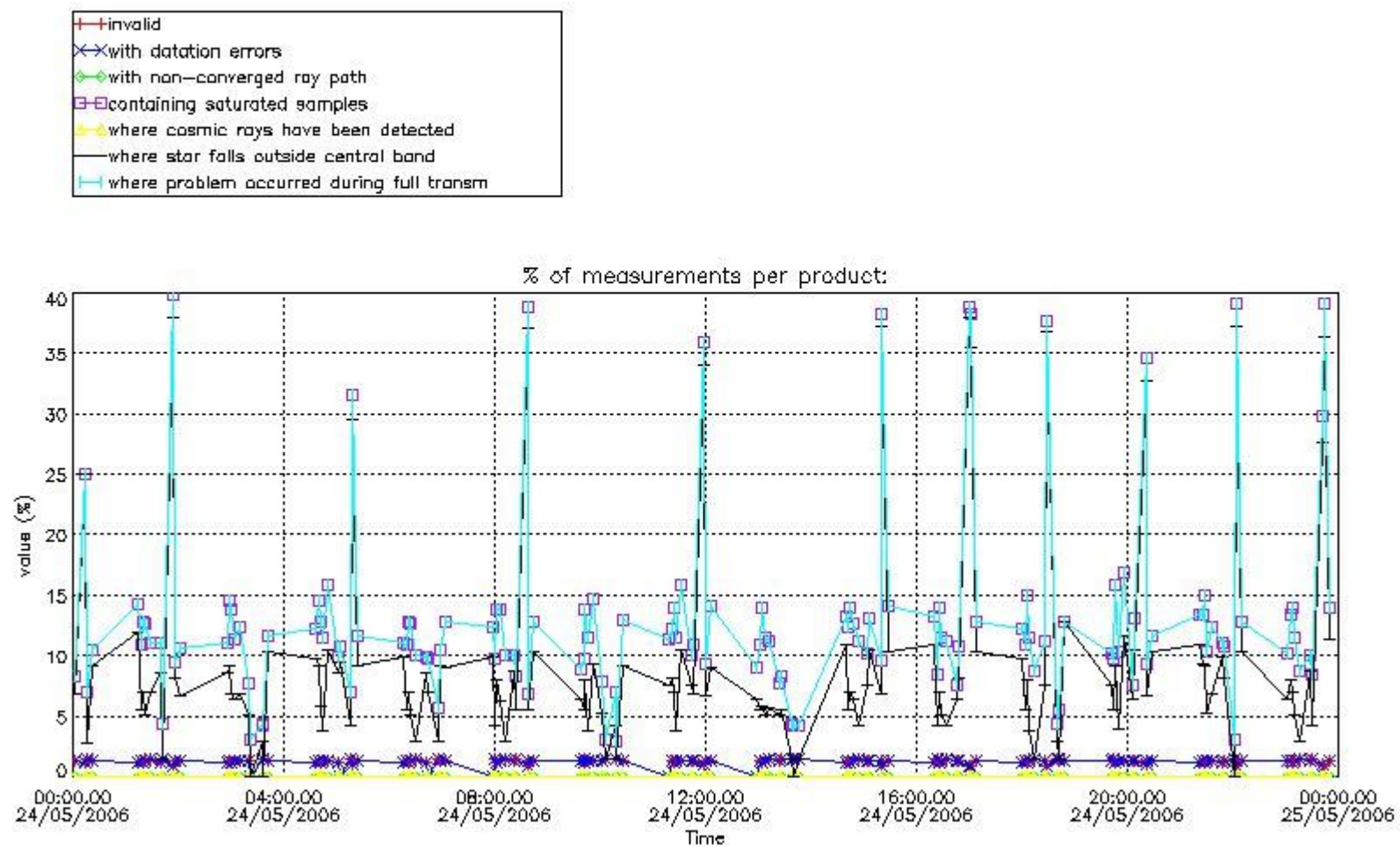
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

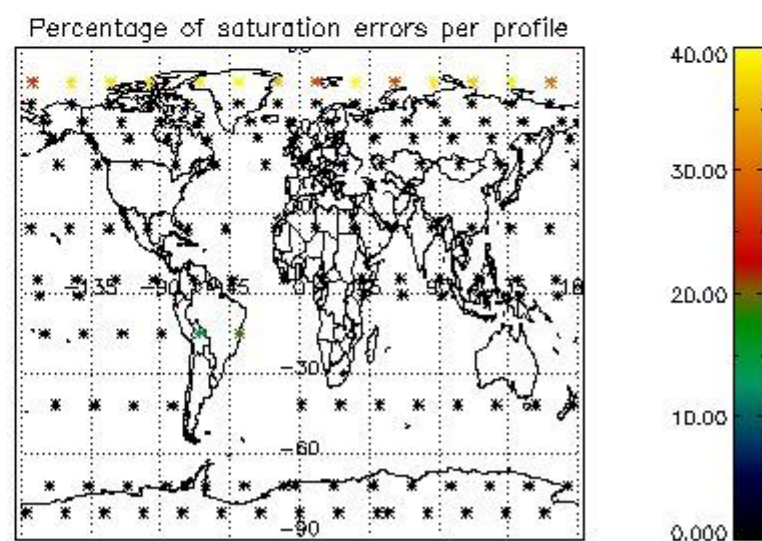
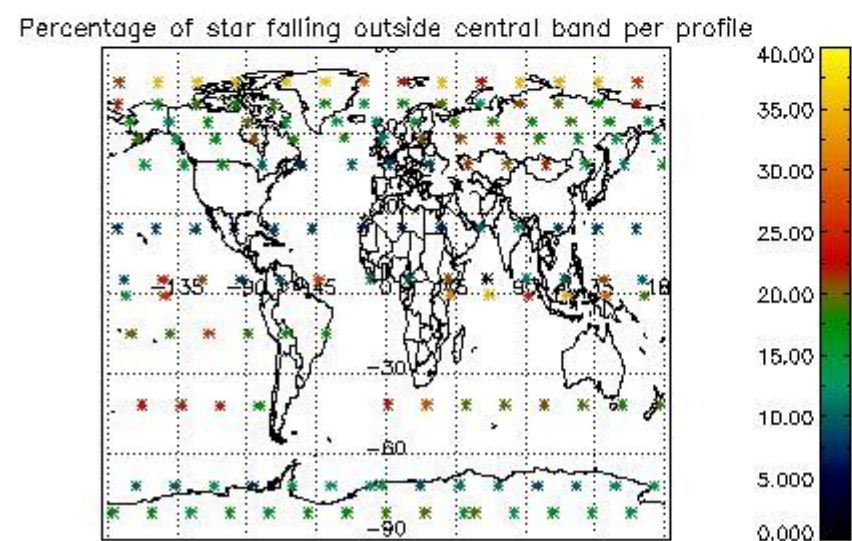
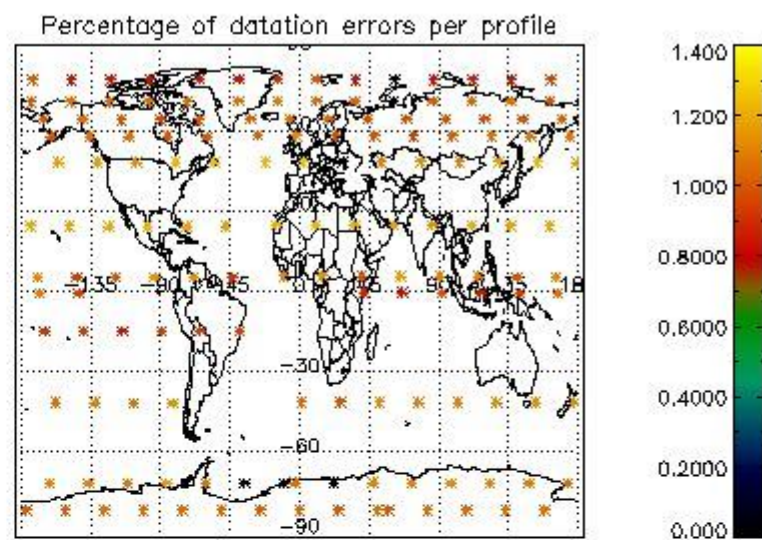
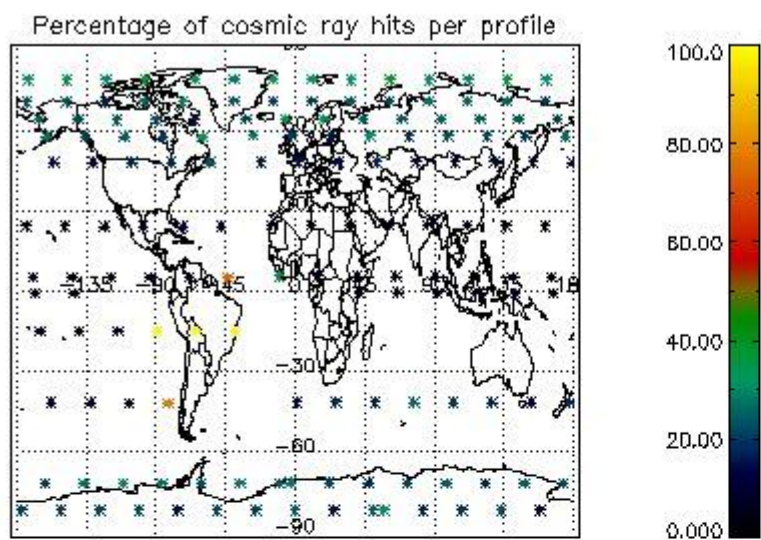


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



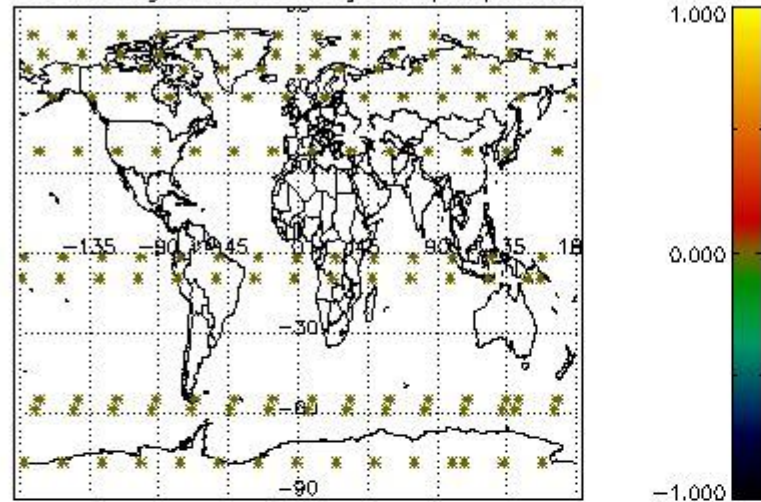
4.2 Plot quality information per product coming from level 1b processing (world map)

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

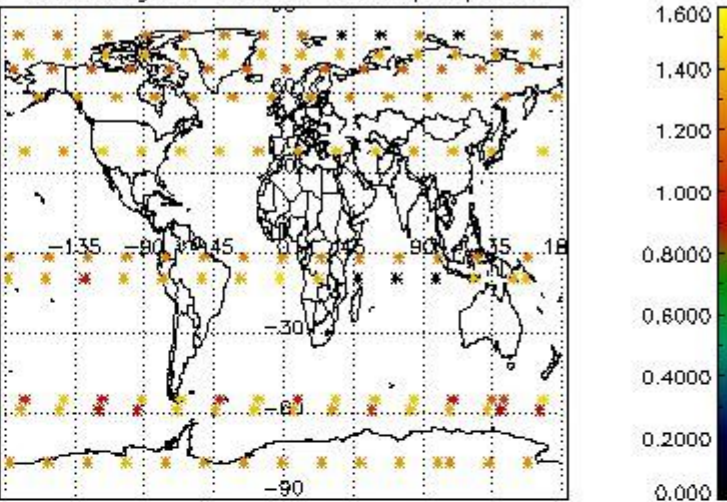


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

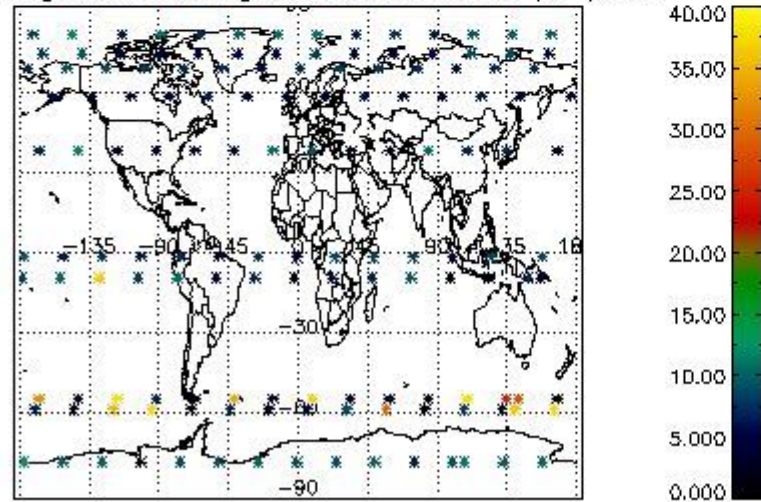
Percentage of cosmic ray hits per profile



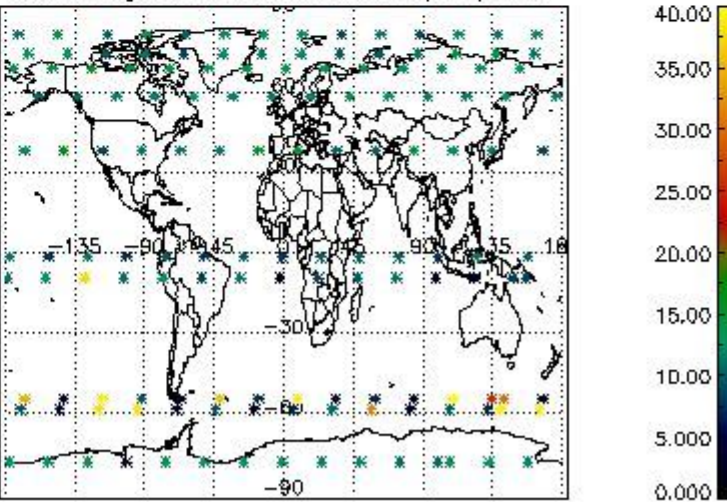
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

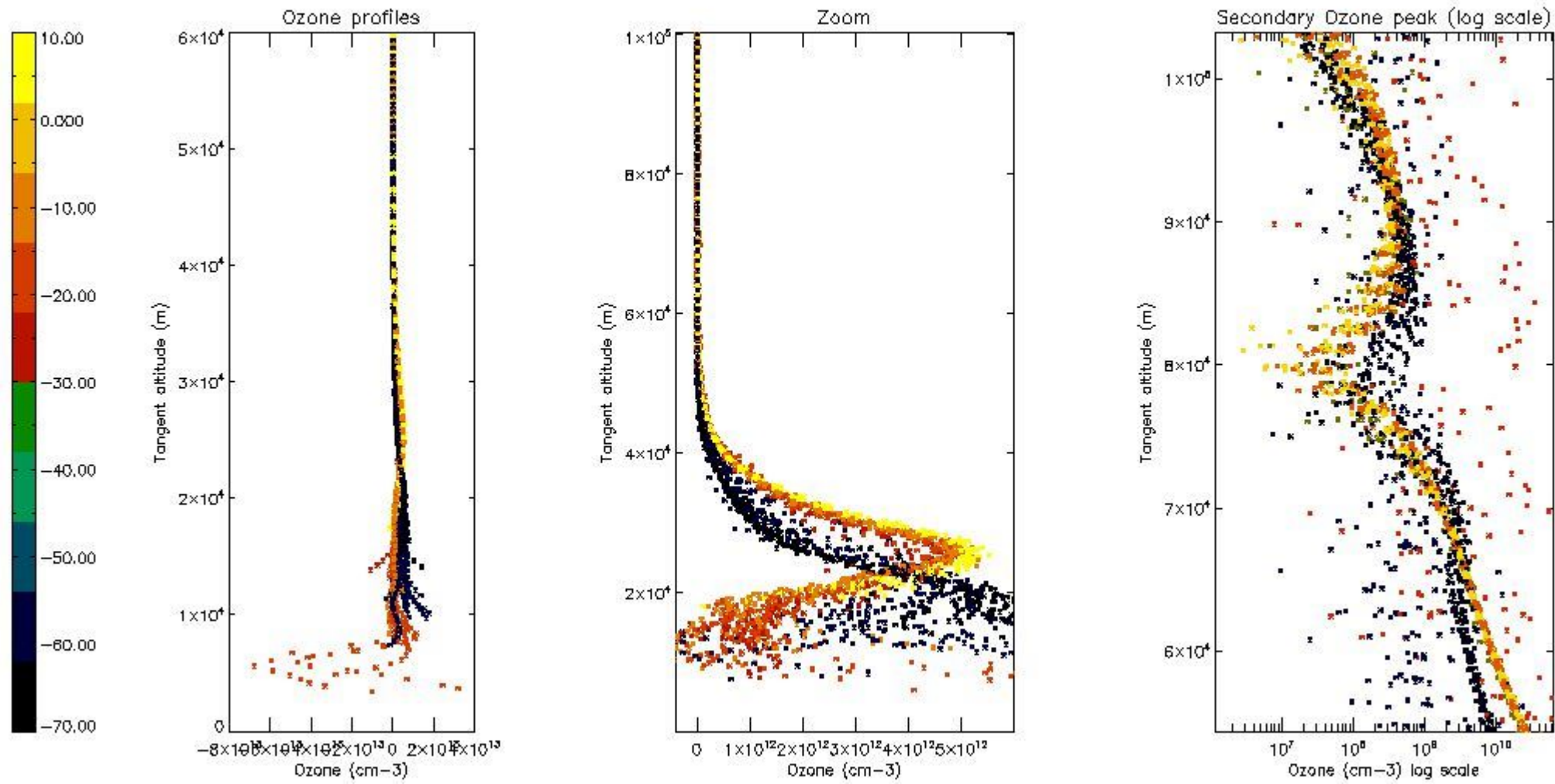
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	26
STD < 20	15

STD < 10	12
STD < 5	8

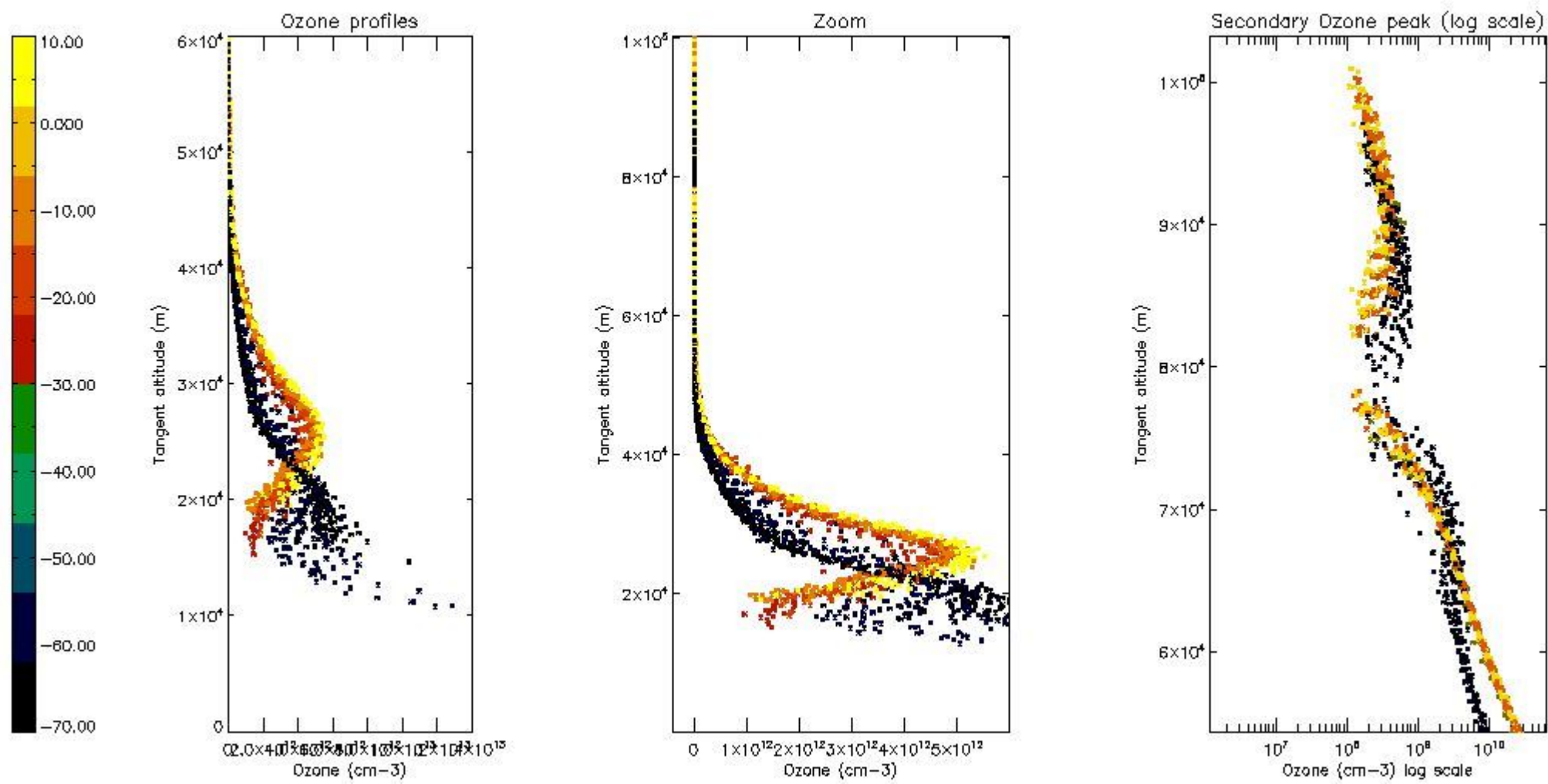
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



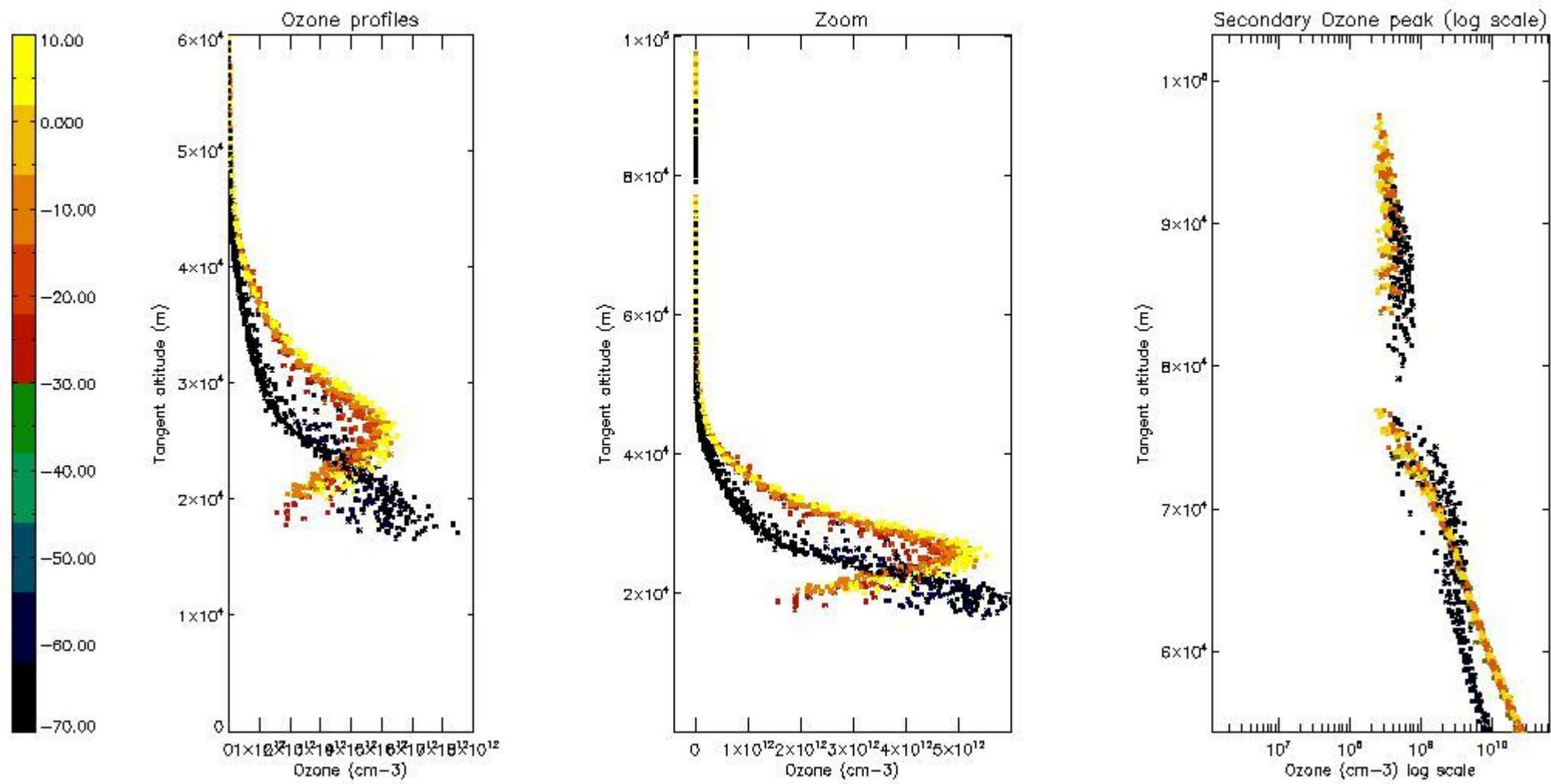
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



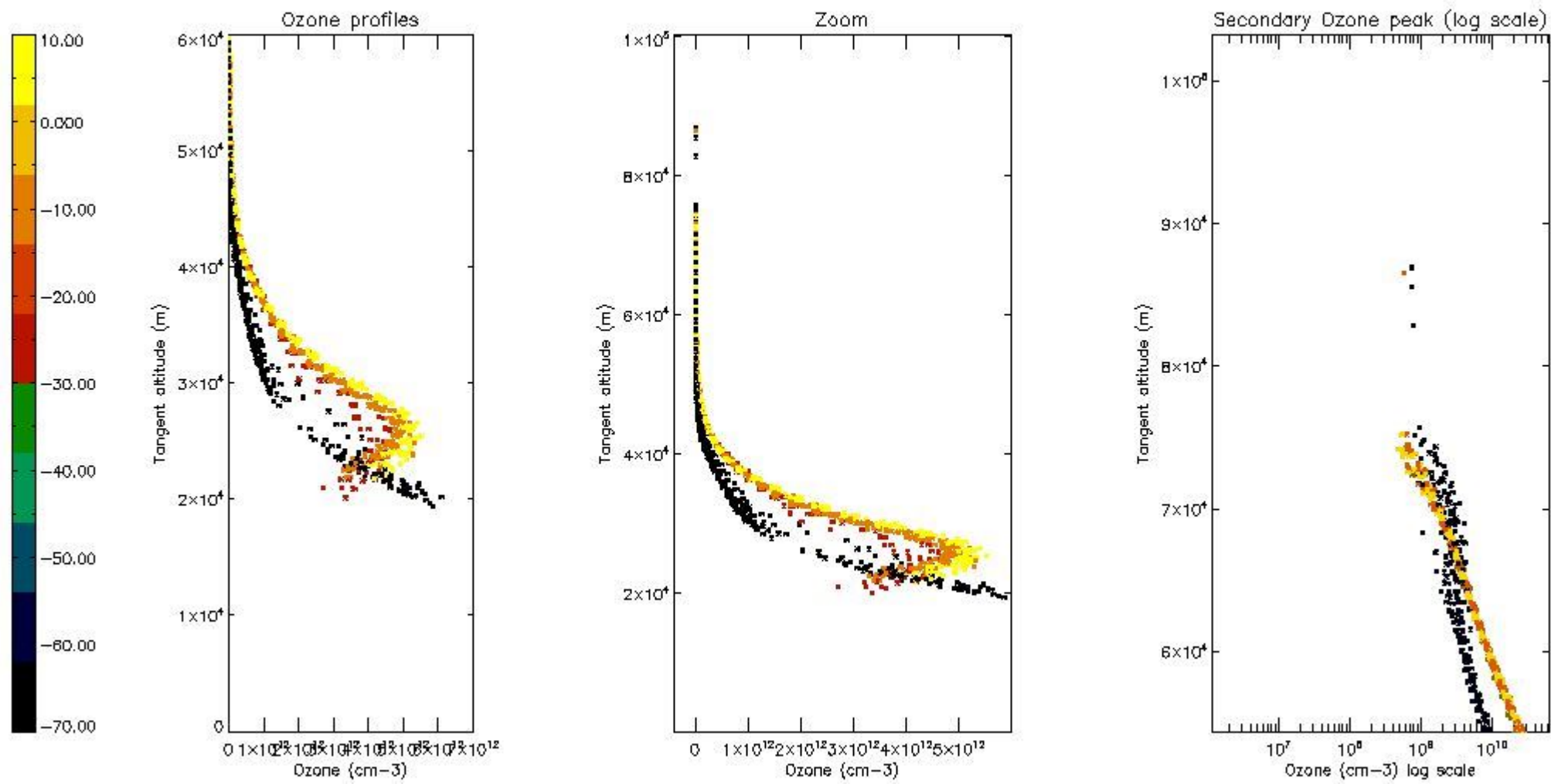
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



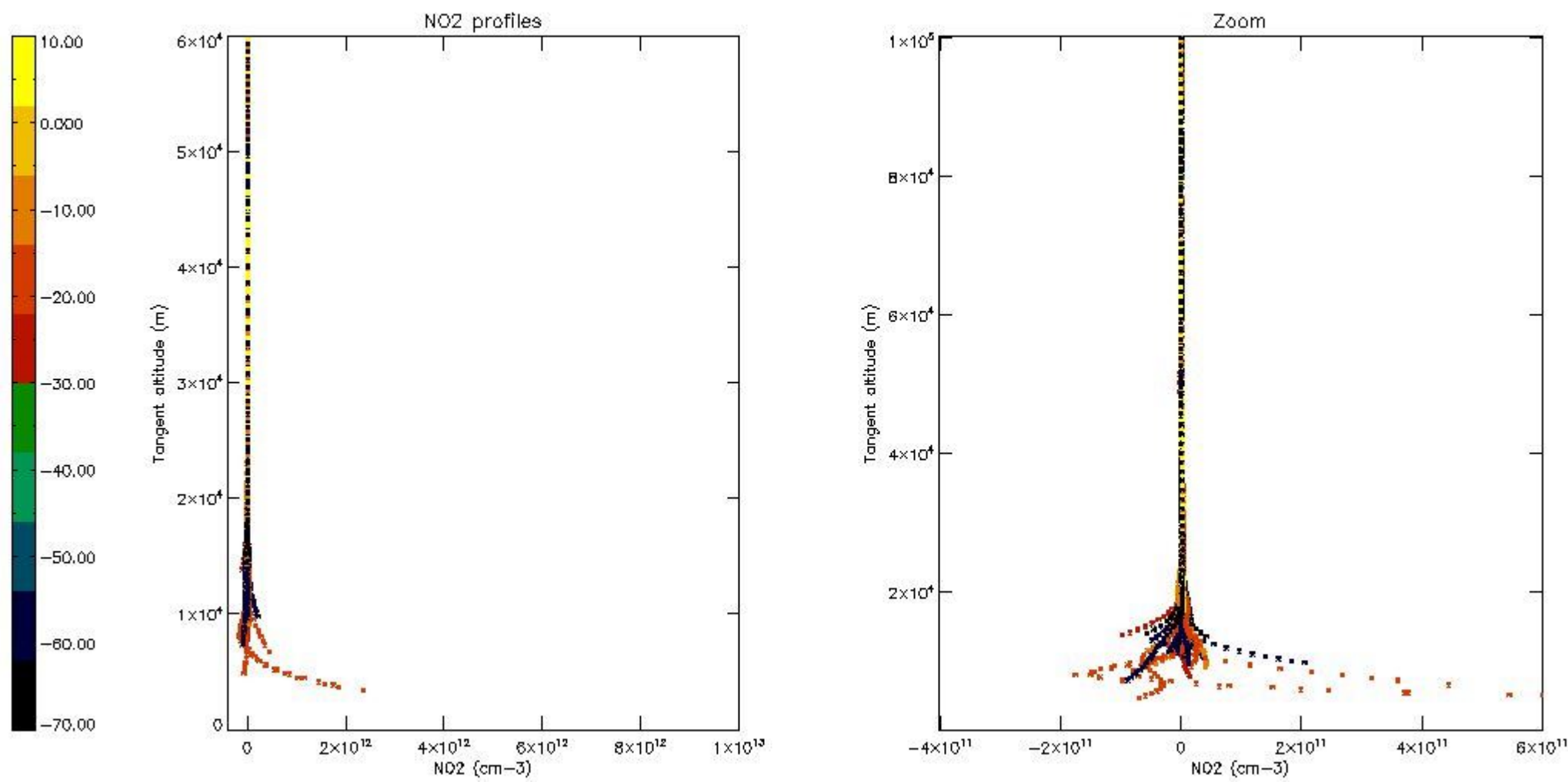
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



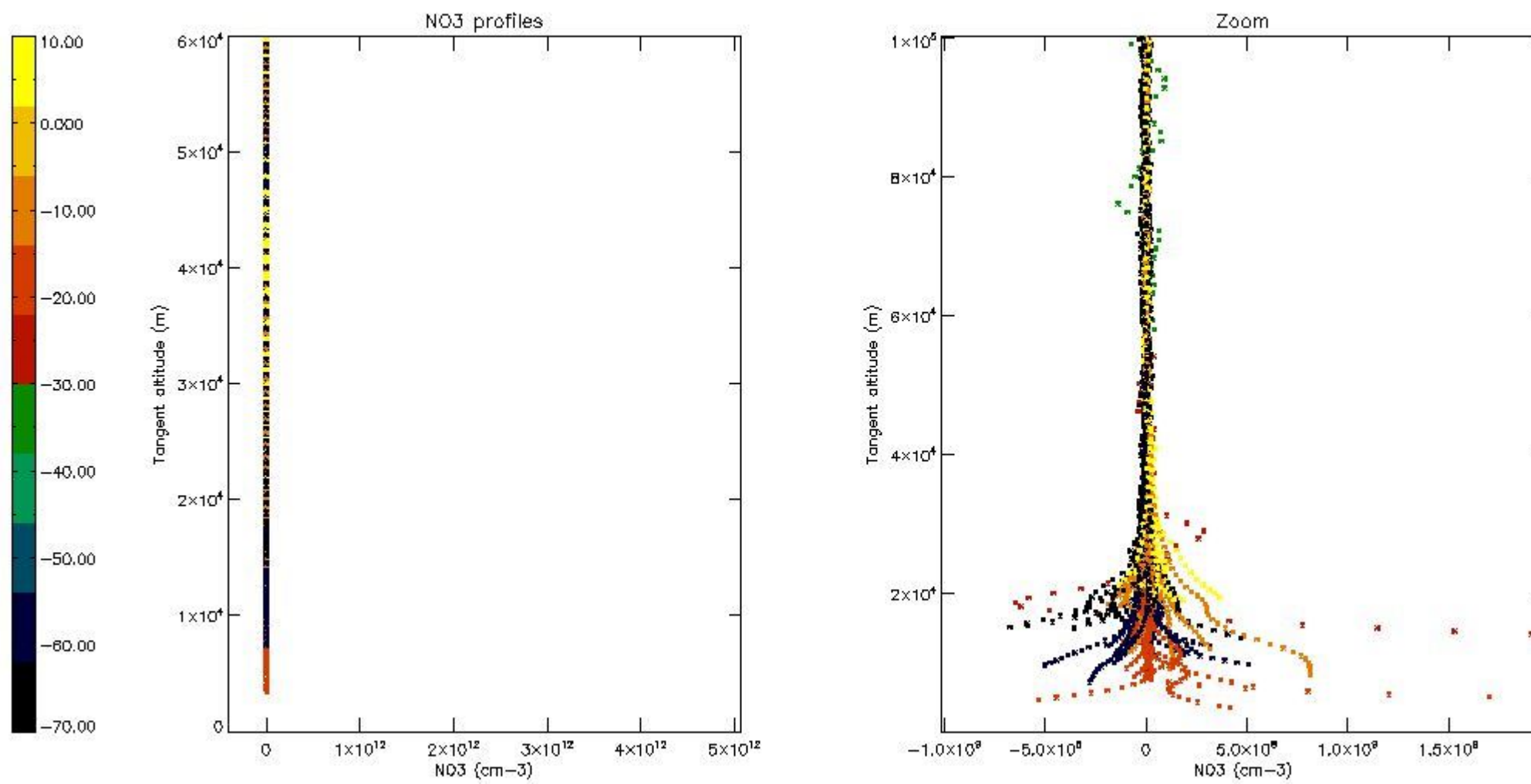
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

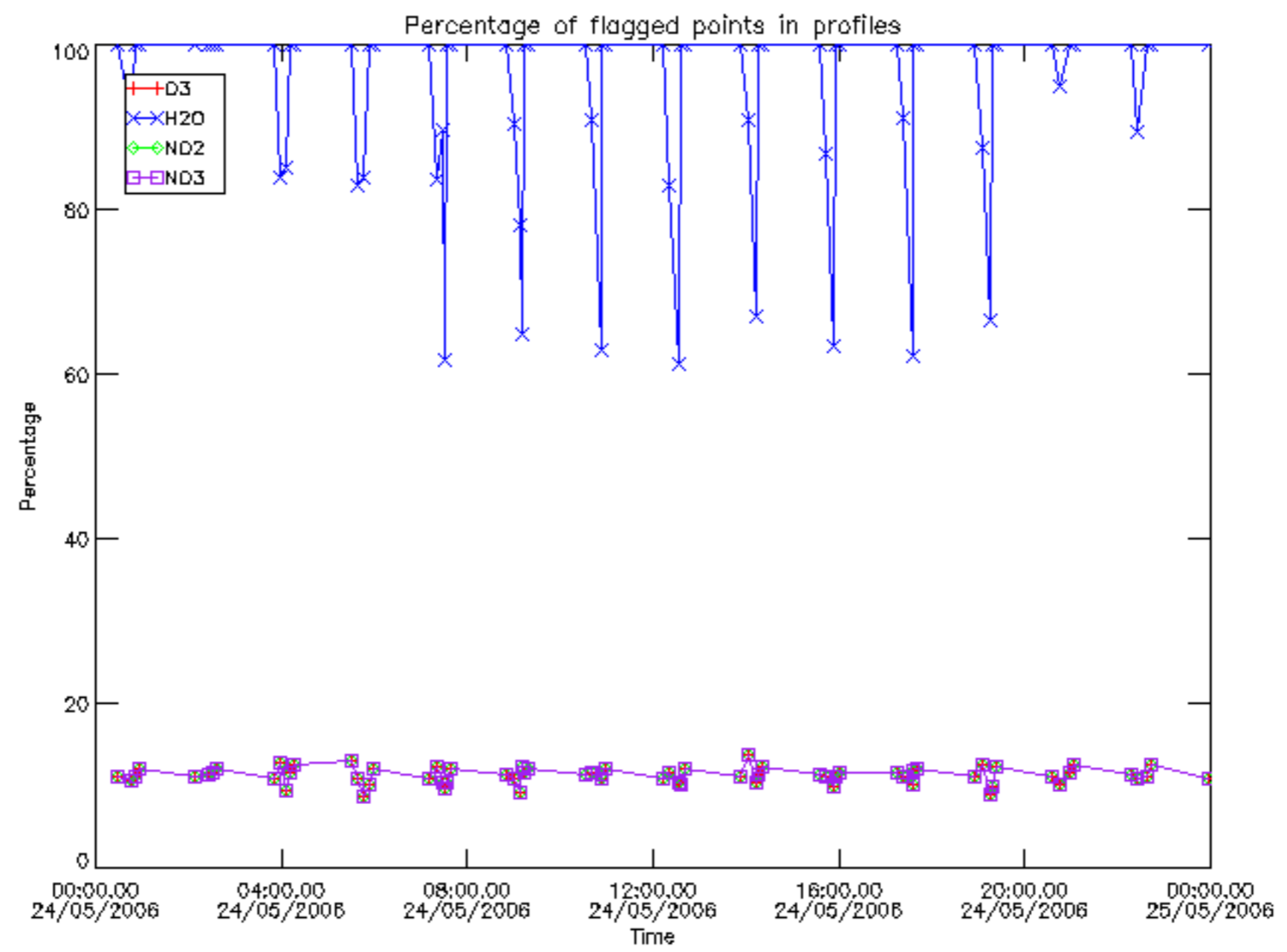
The colorbar represents the latitude.



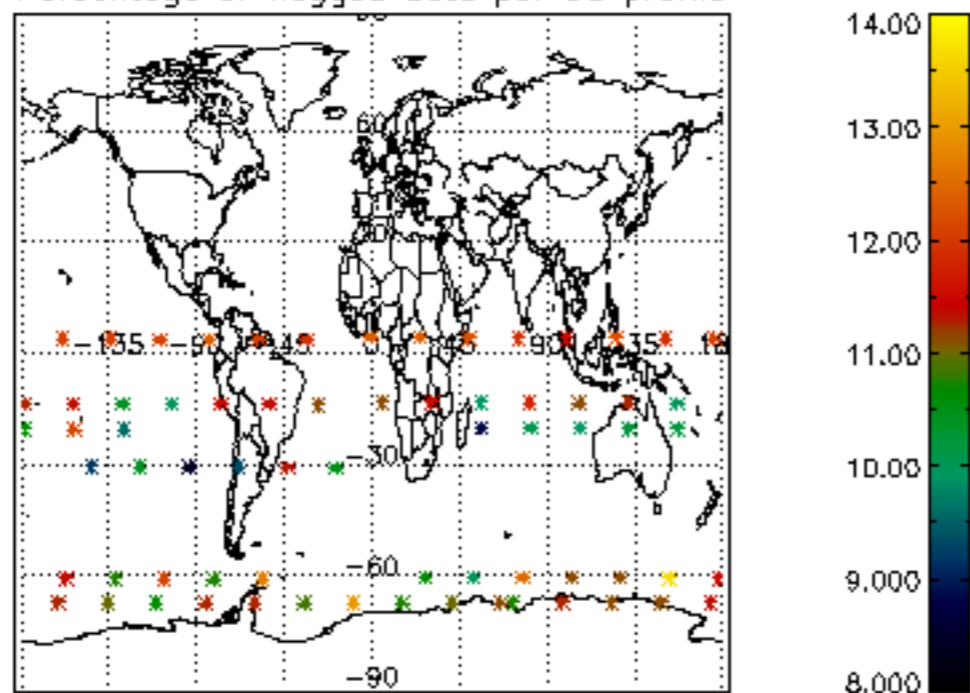
6. Auxiliary Data Files used for the production reported in section 2

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.

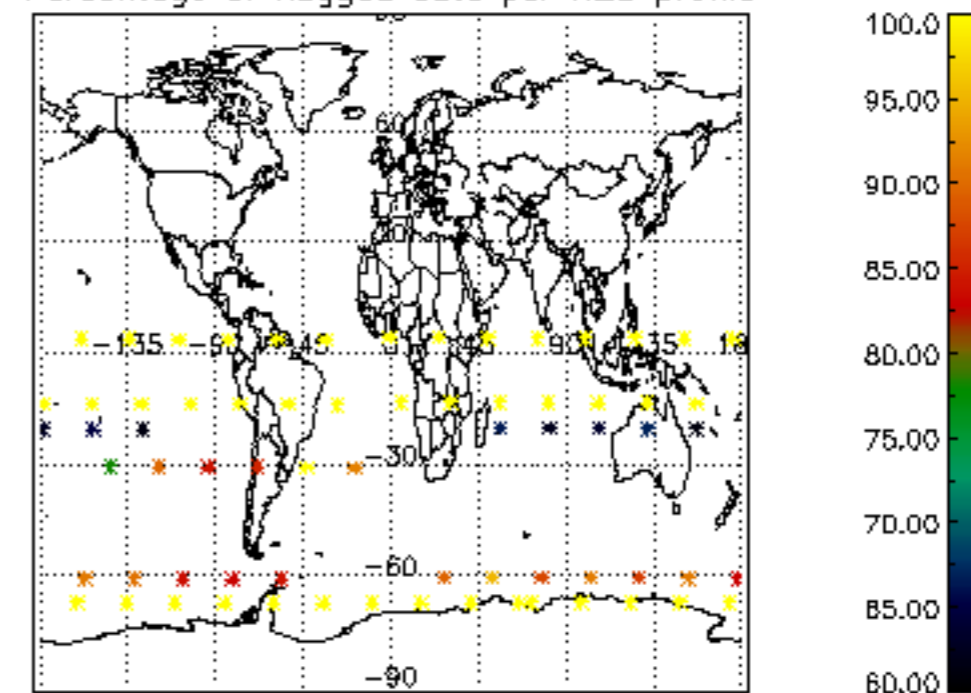
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	24-MAY-2006 00:01:26
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	24-MAY-2006 00:01:26
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	24-MAY-2006 00:01:26



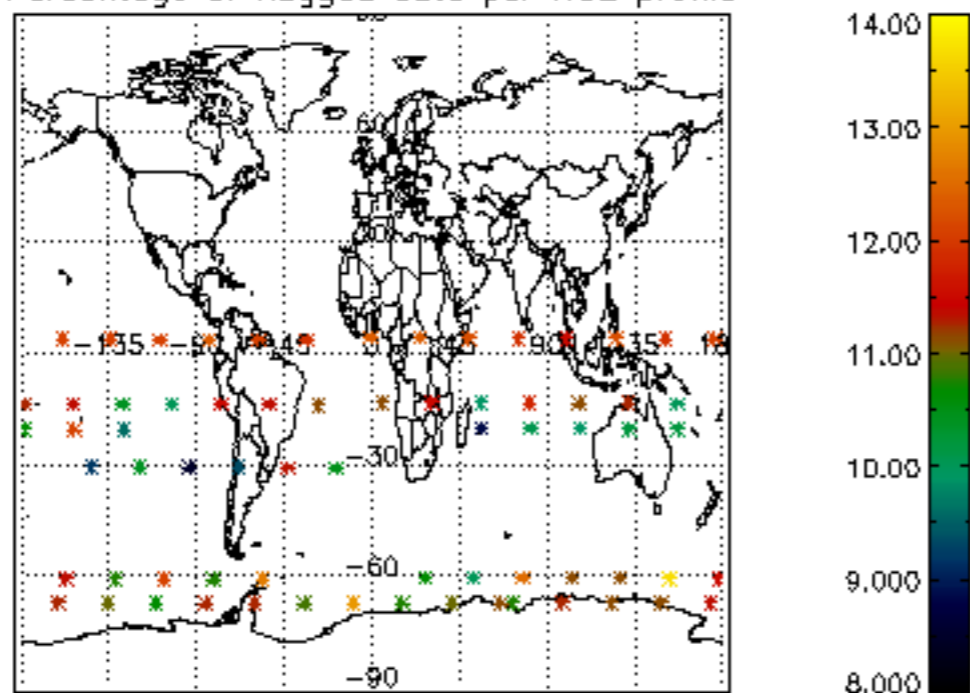
Percentage of flagged data per D3 profile



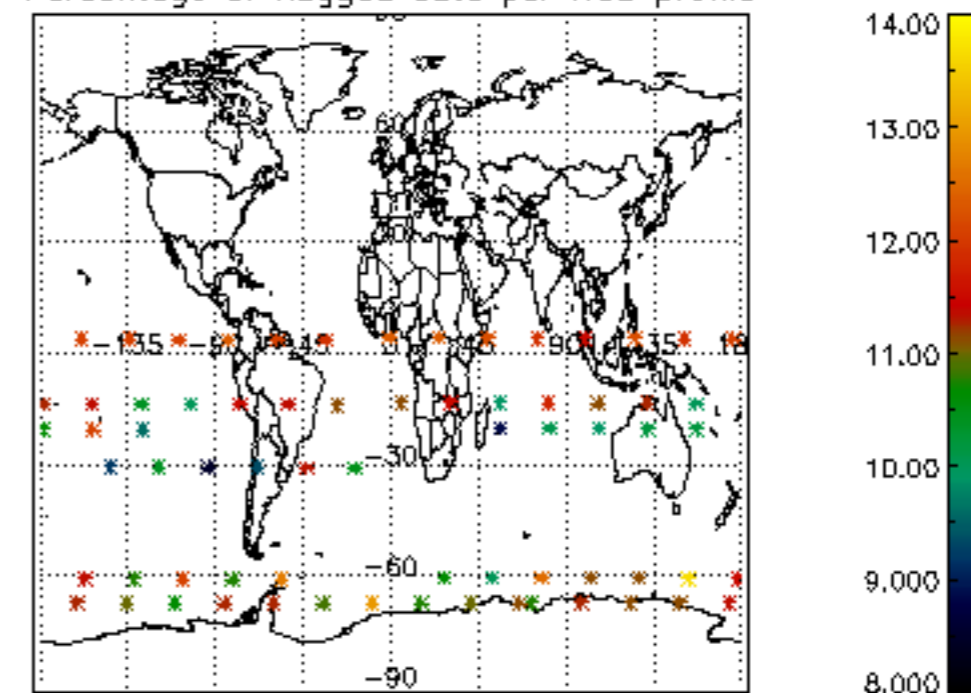
Percentage of flagged data per H2O profile

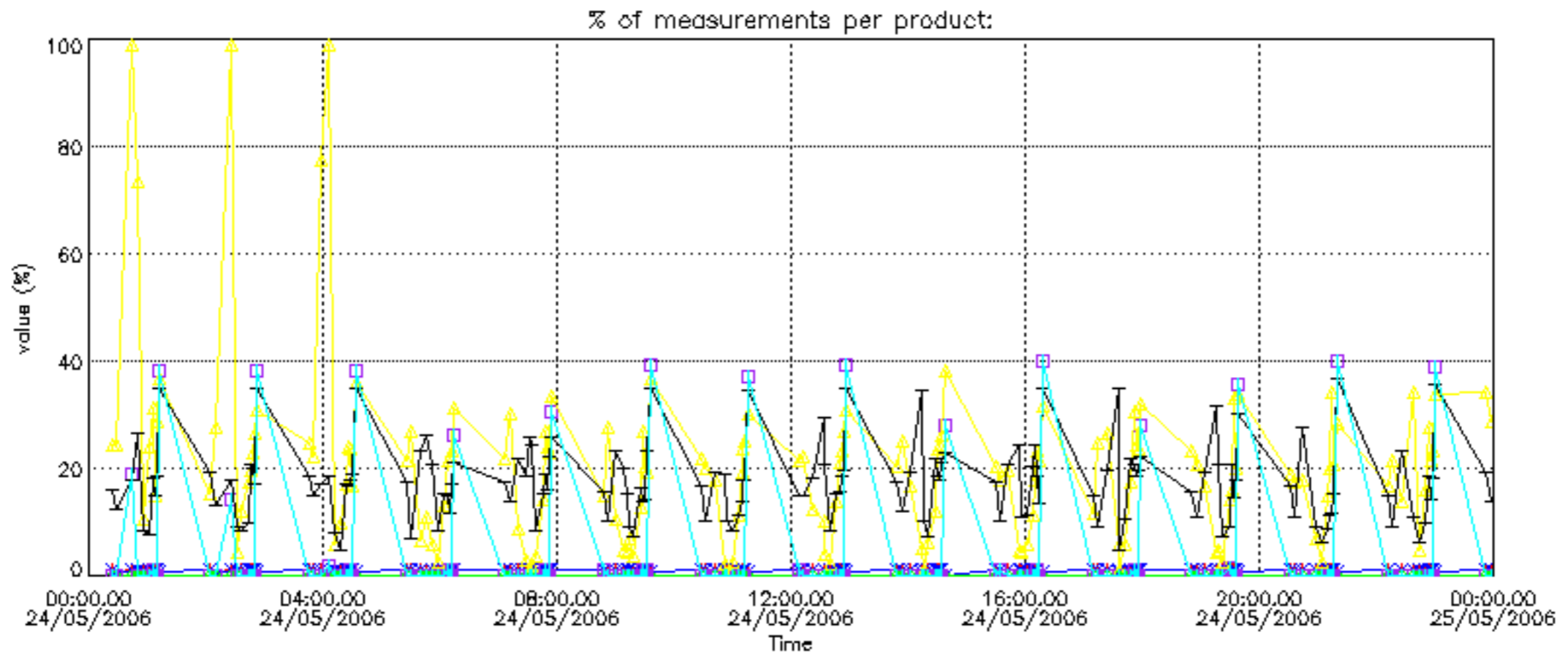


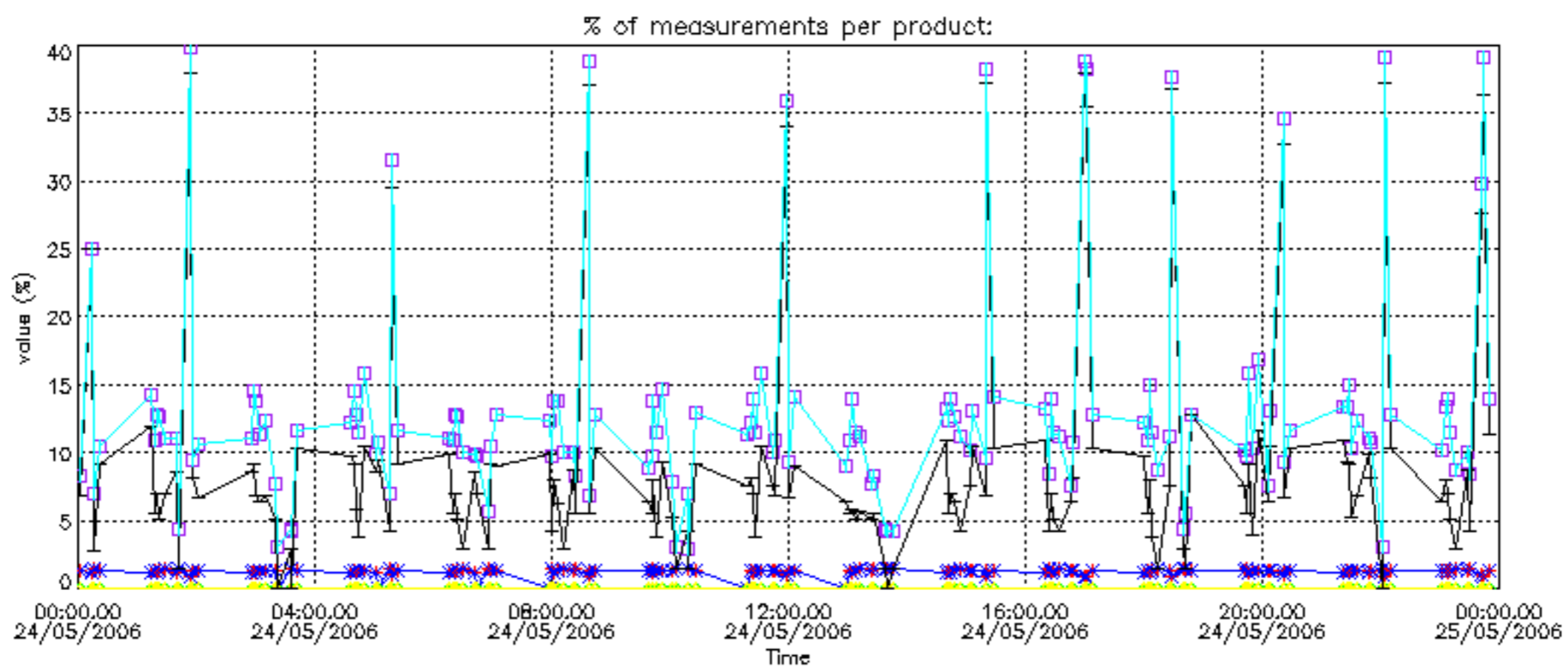
Percentage of flagged data per NO2 profile



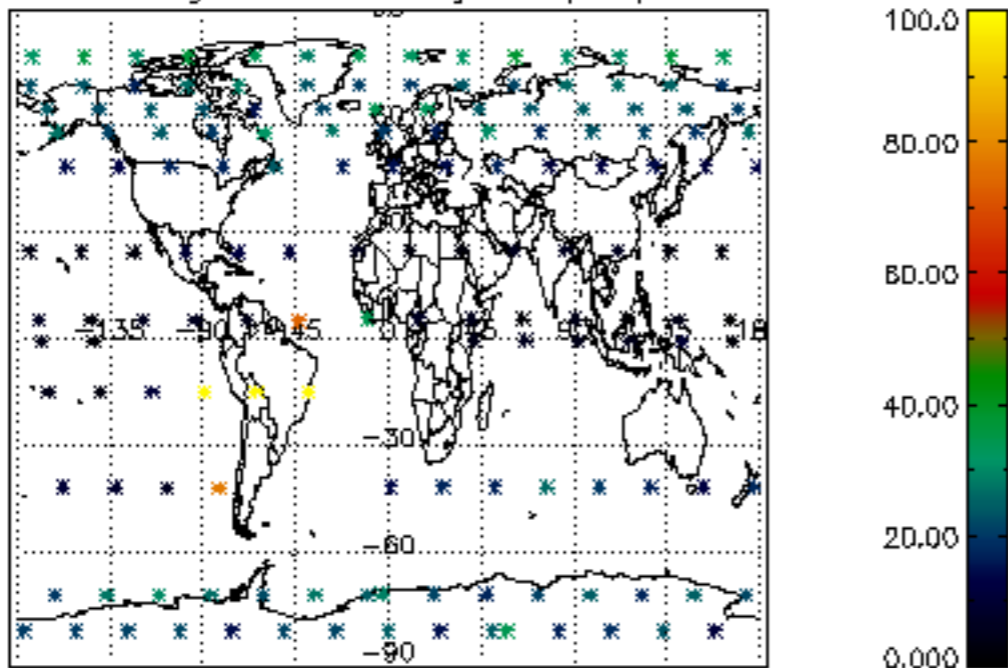
Percentage of flagged data per NO3 profile



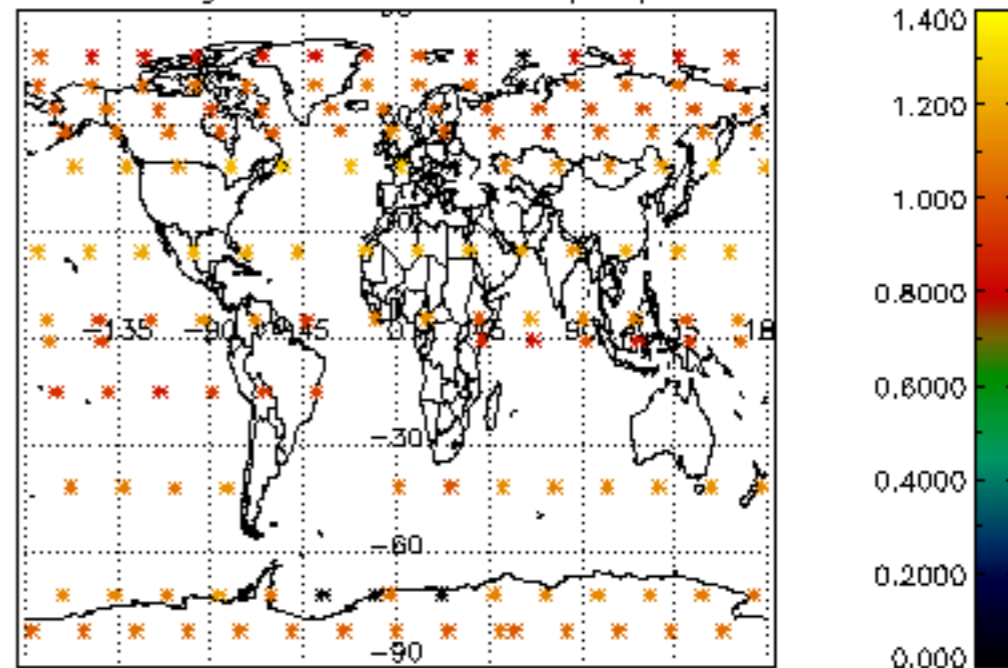




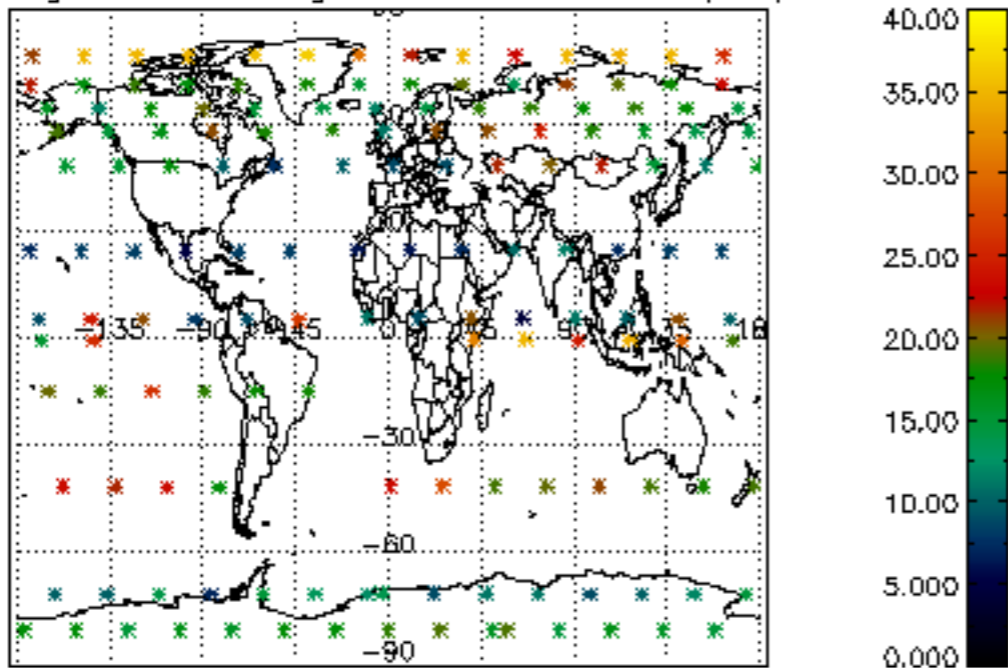
Percentage of cosmic ray hits per profile



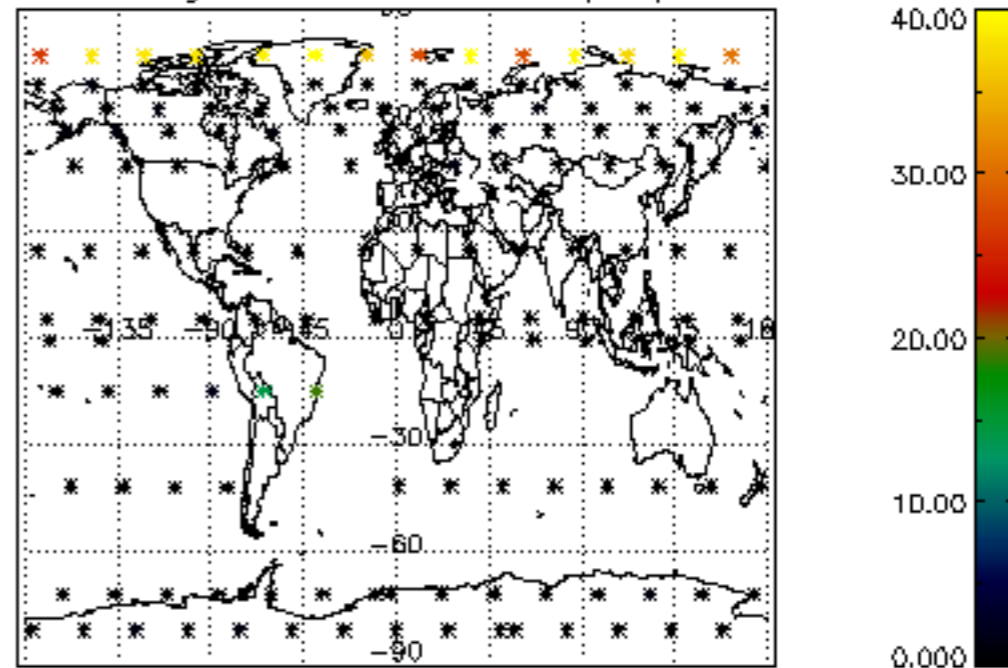
Percentage of datation errors per profile



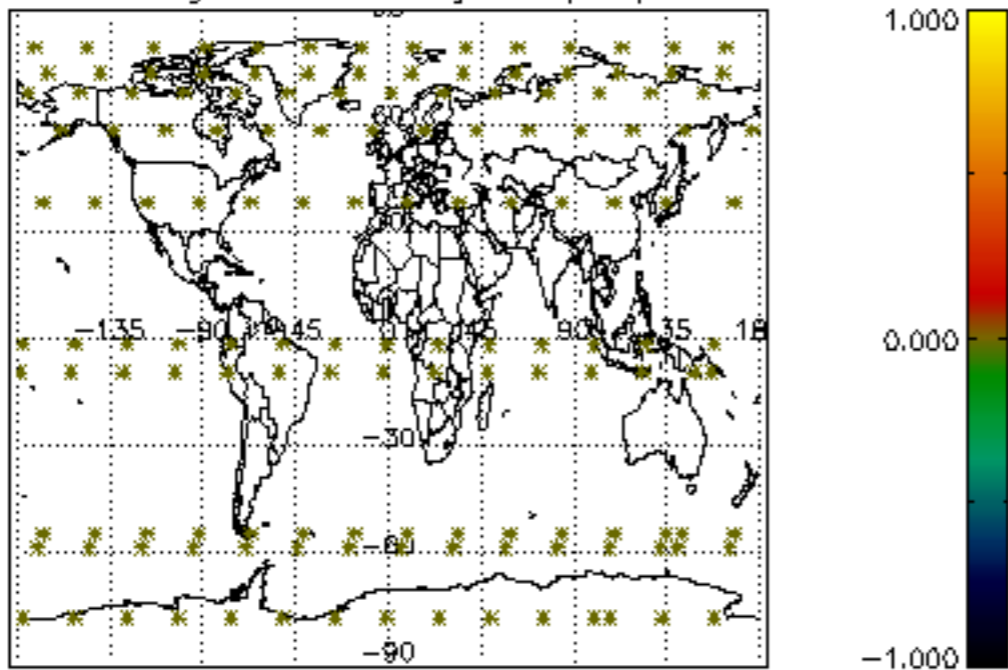
Percentage of star falling outside central band per profile



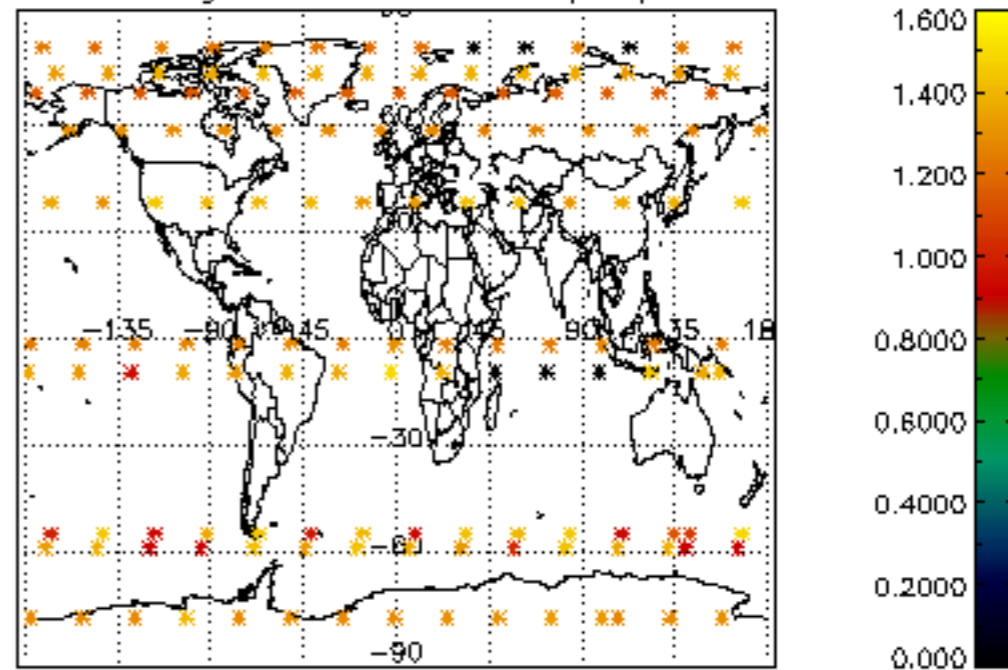
Percentage of saturation errors per profile



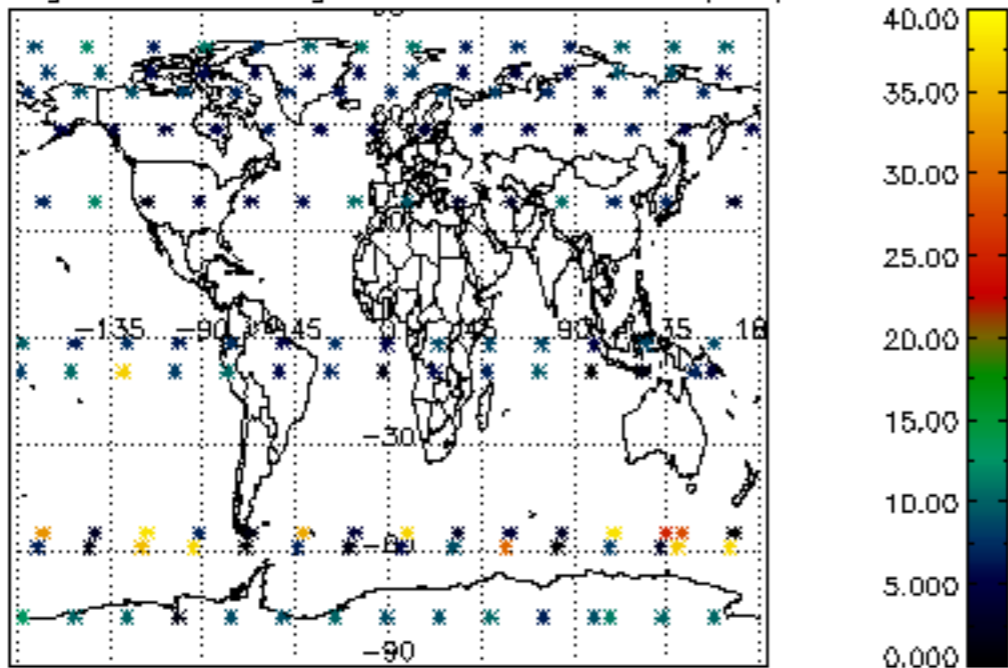
Percentage of cosmic ray hits per profile



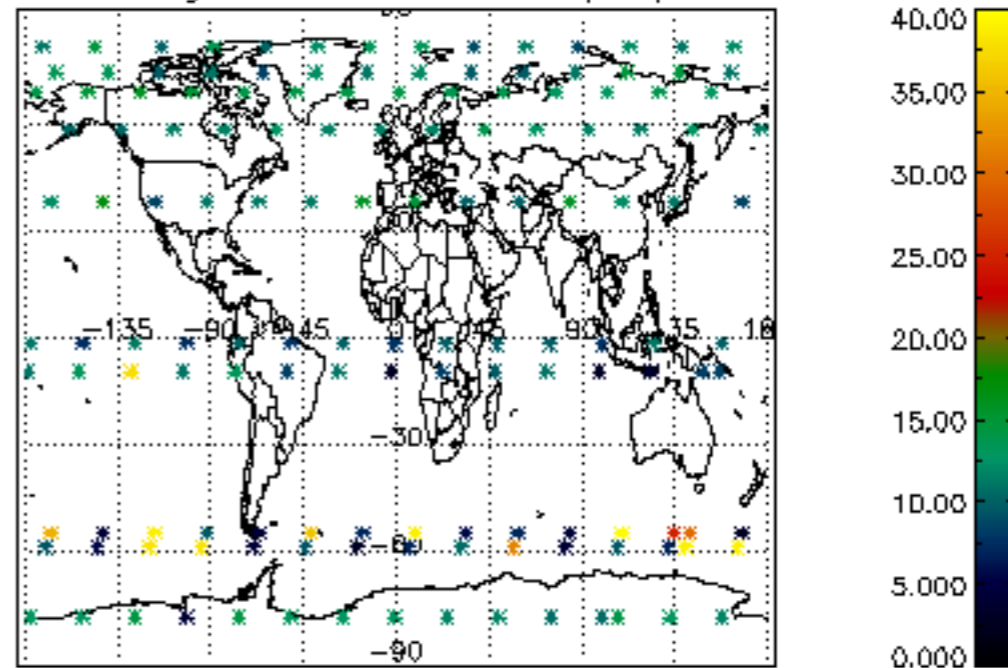
Percentage of datation errors per profile

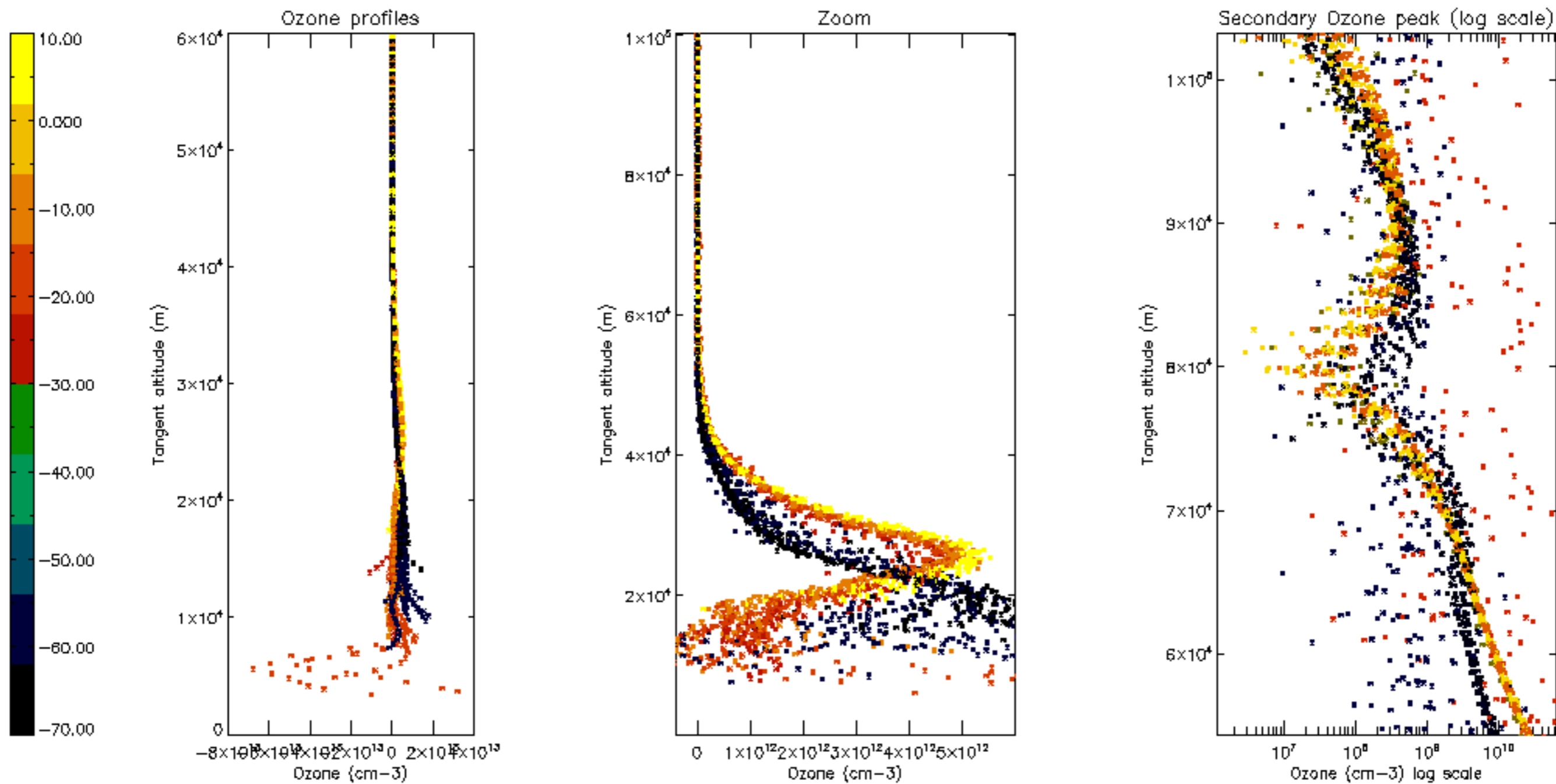


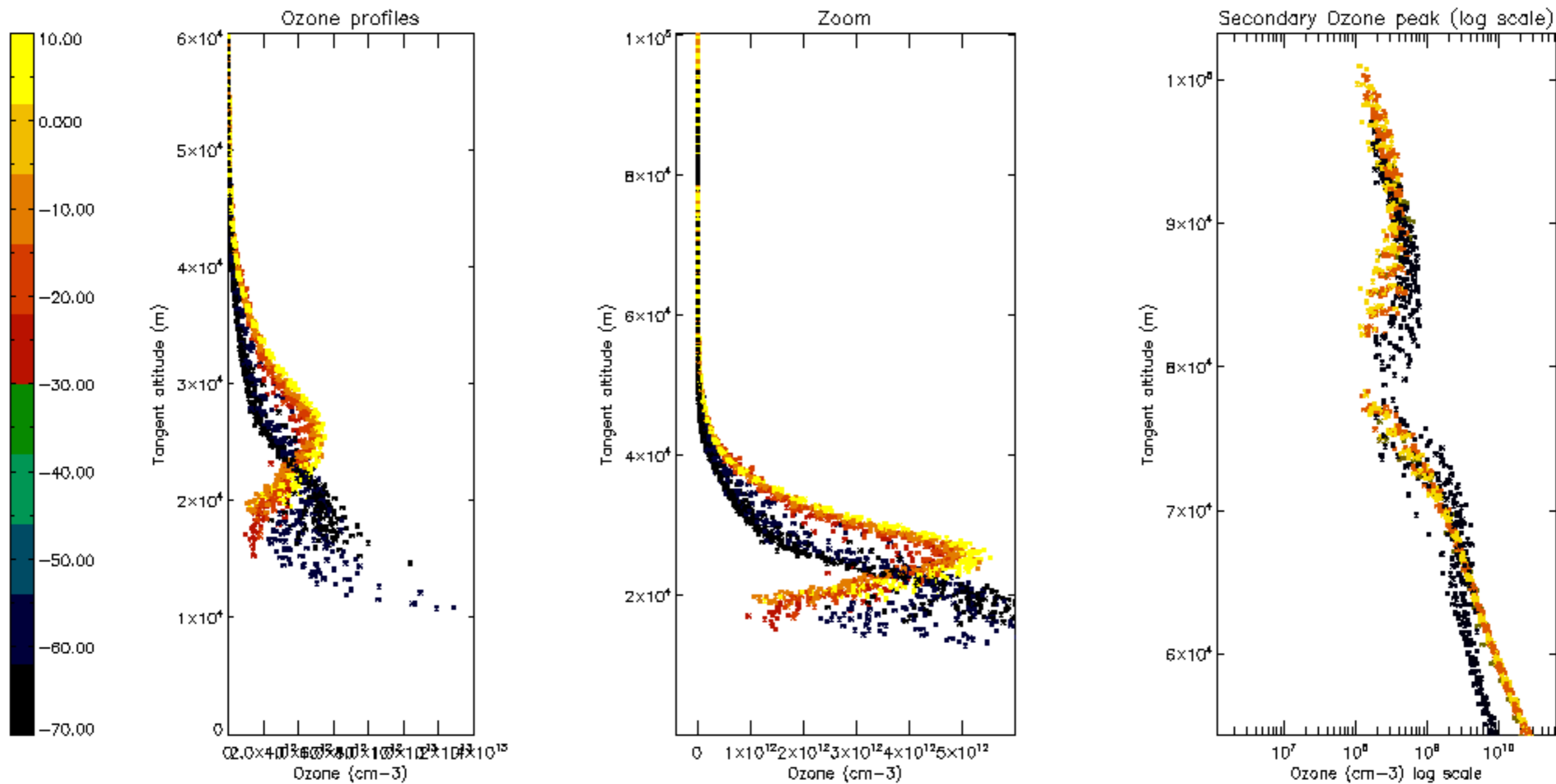
Percentage of star falling outside central band per profile

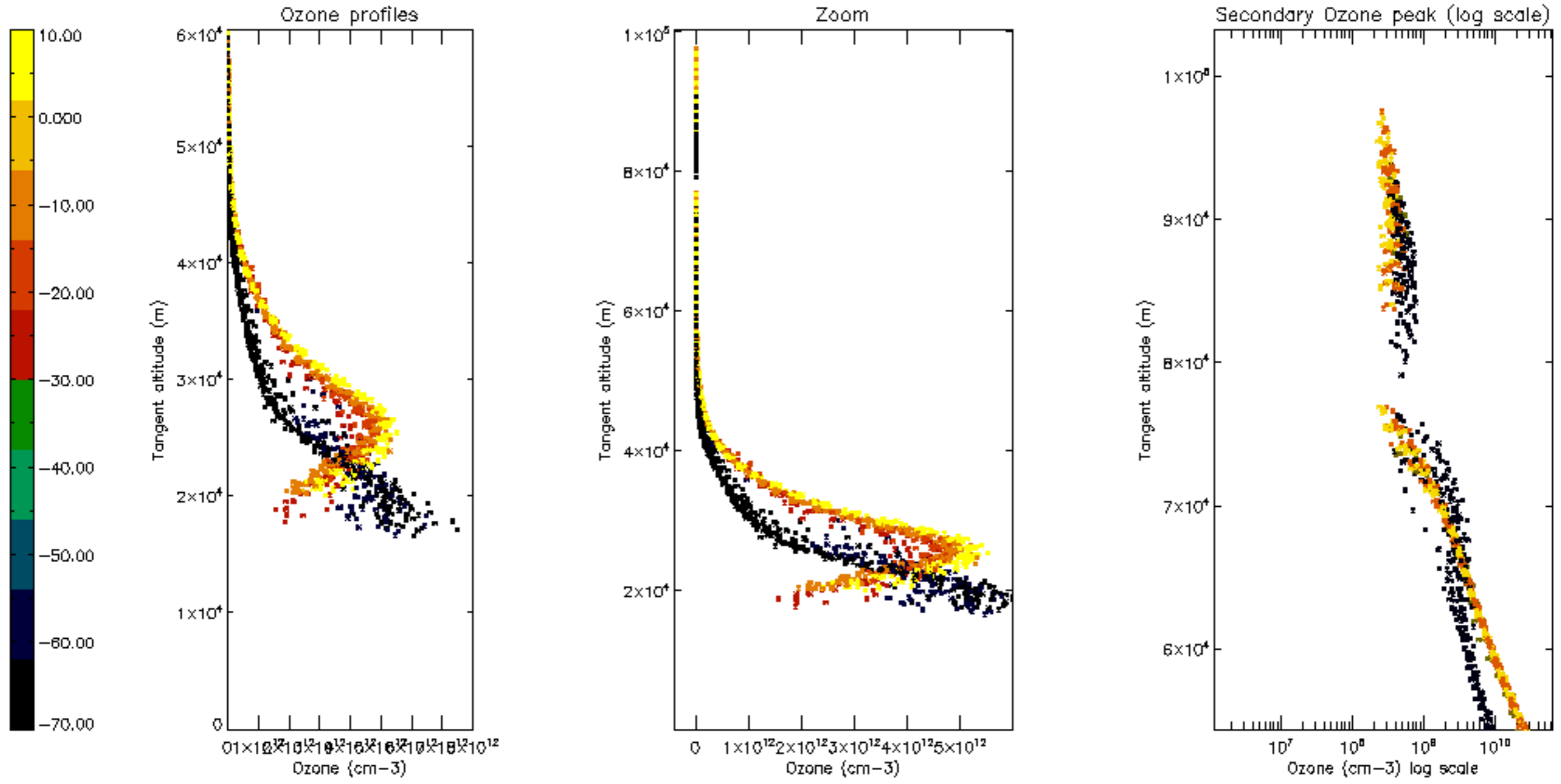


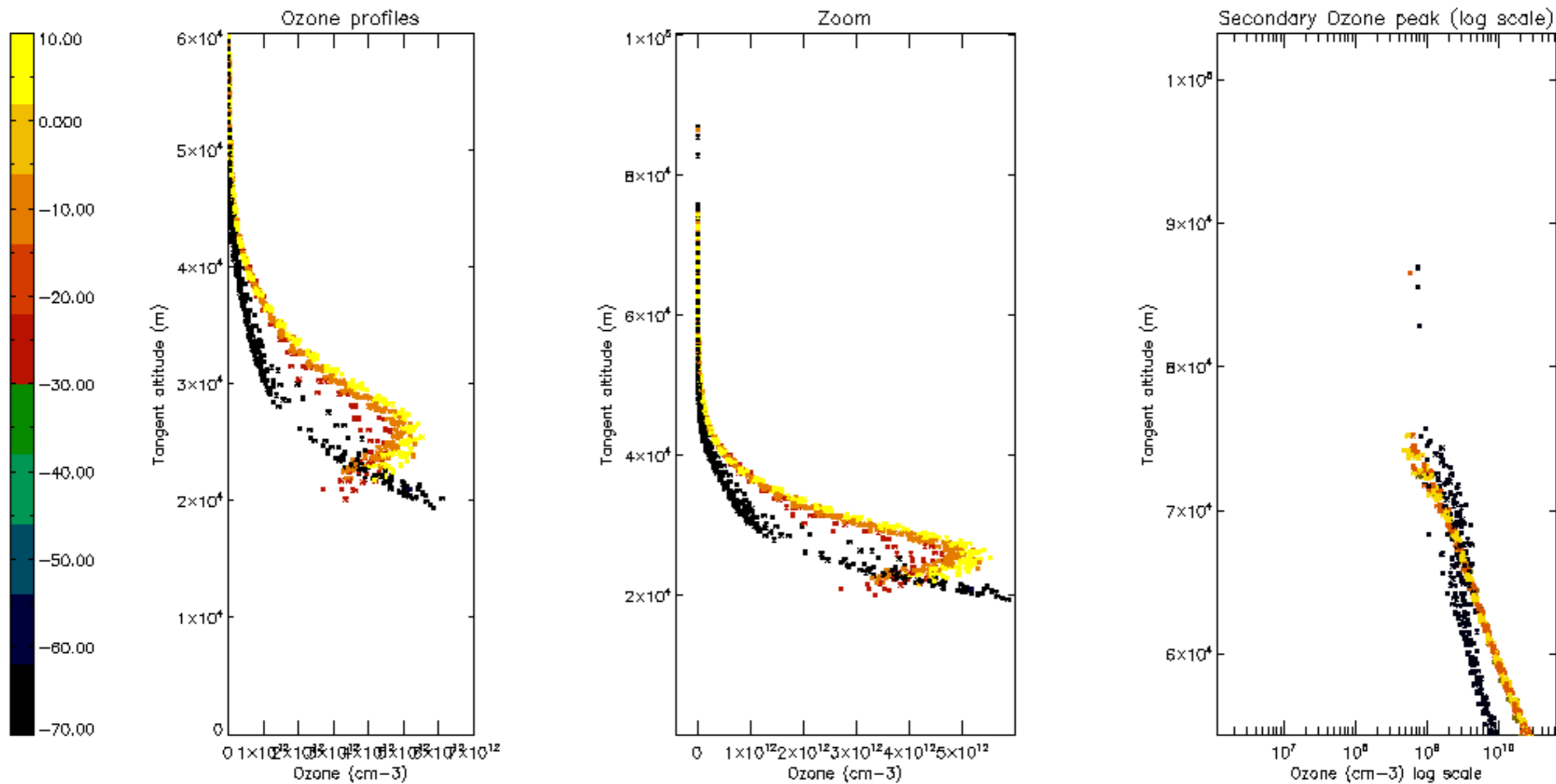
Percentage of saturation errors per profile

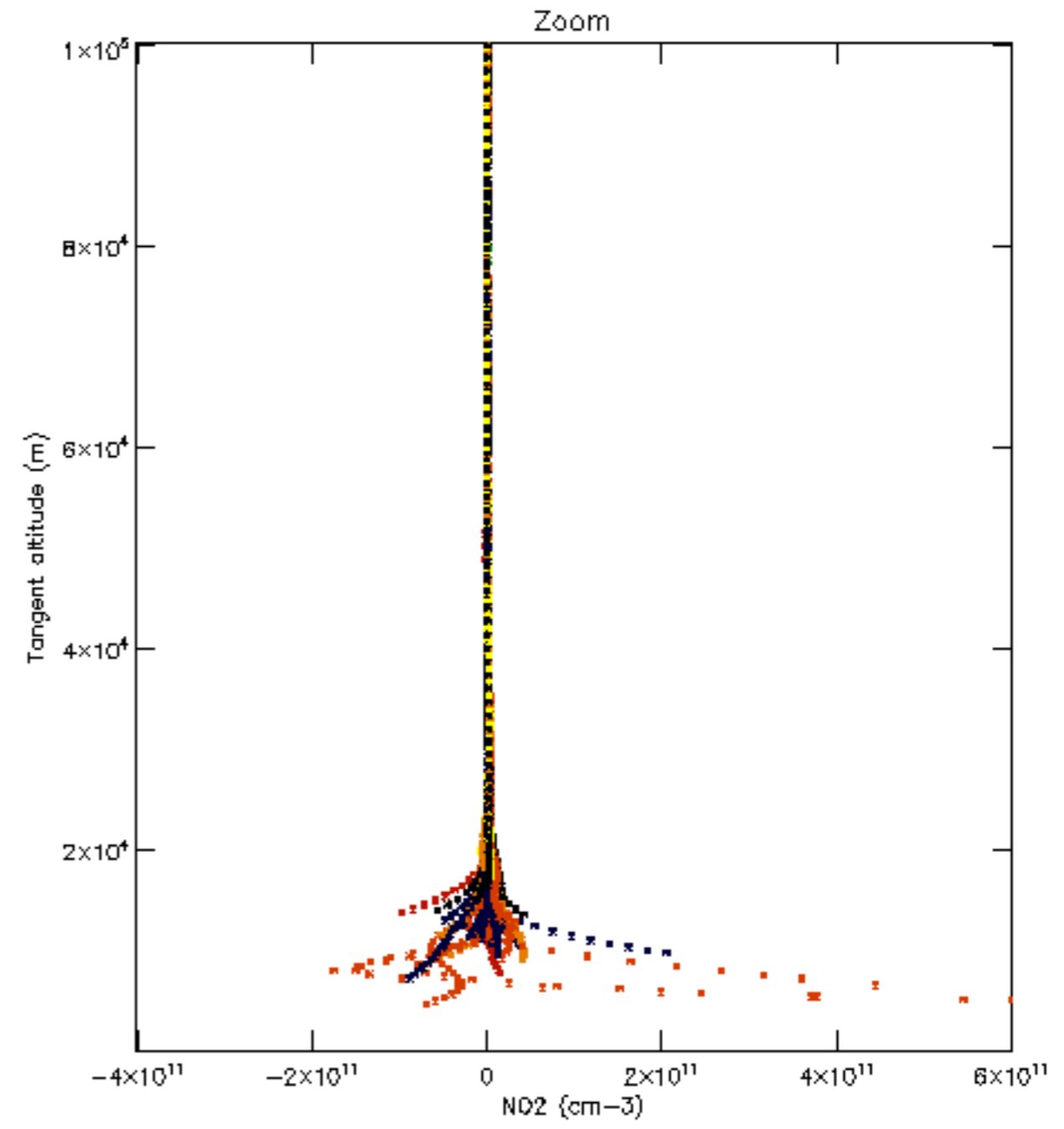
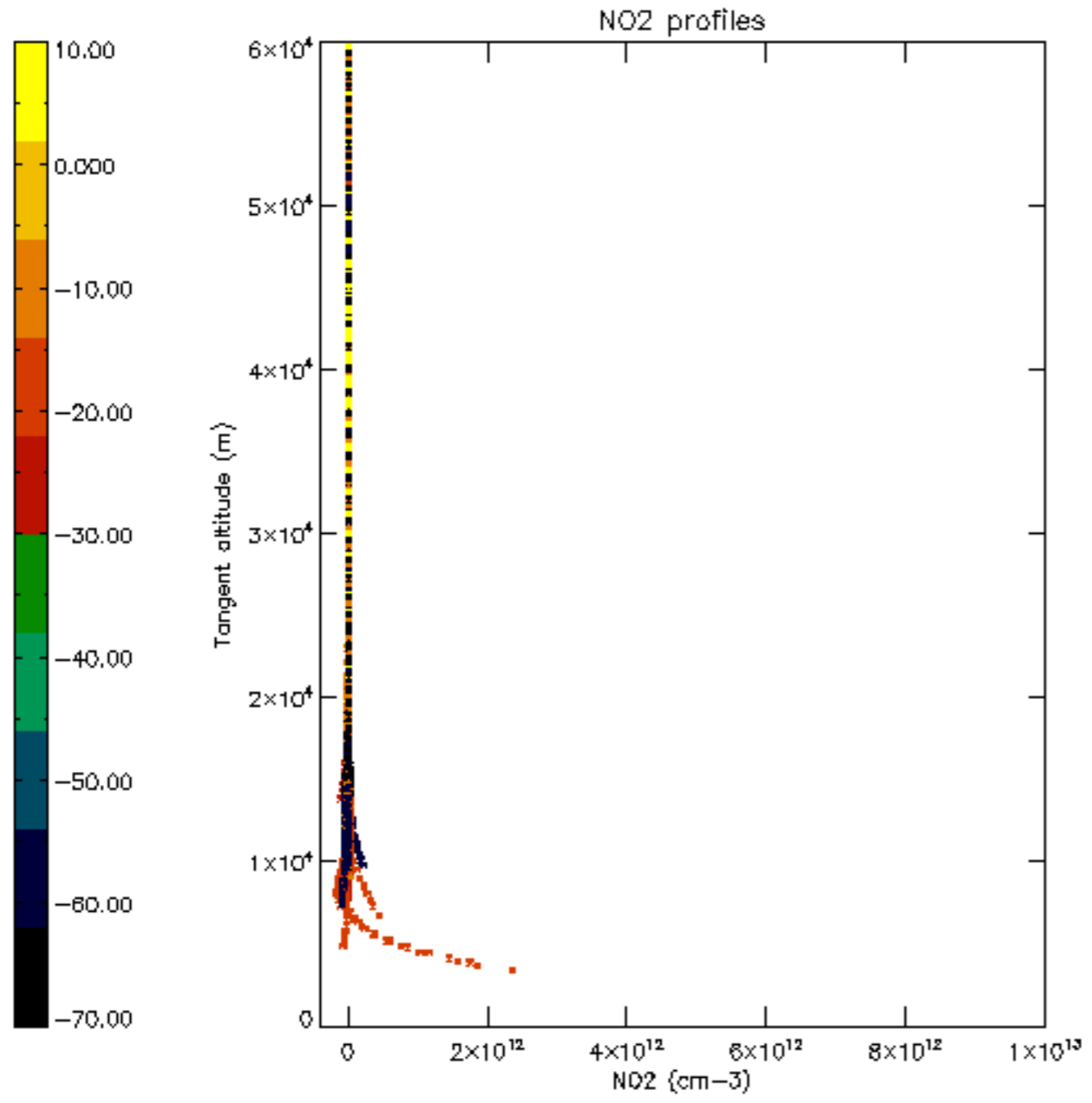


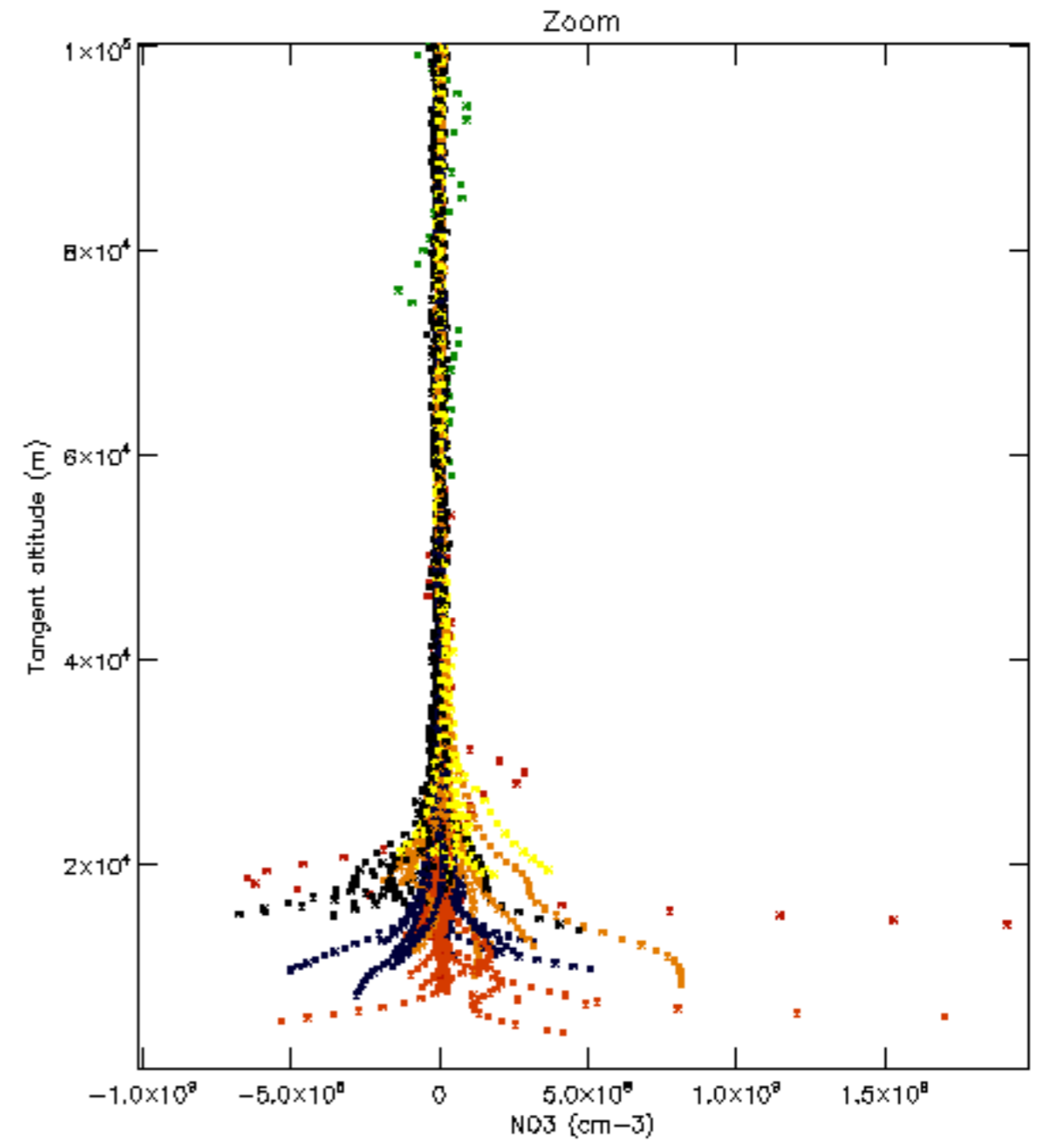
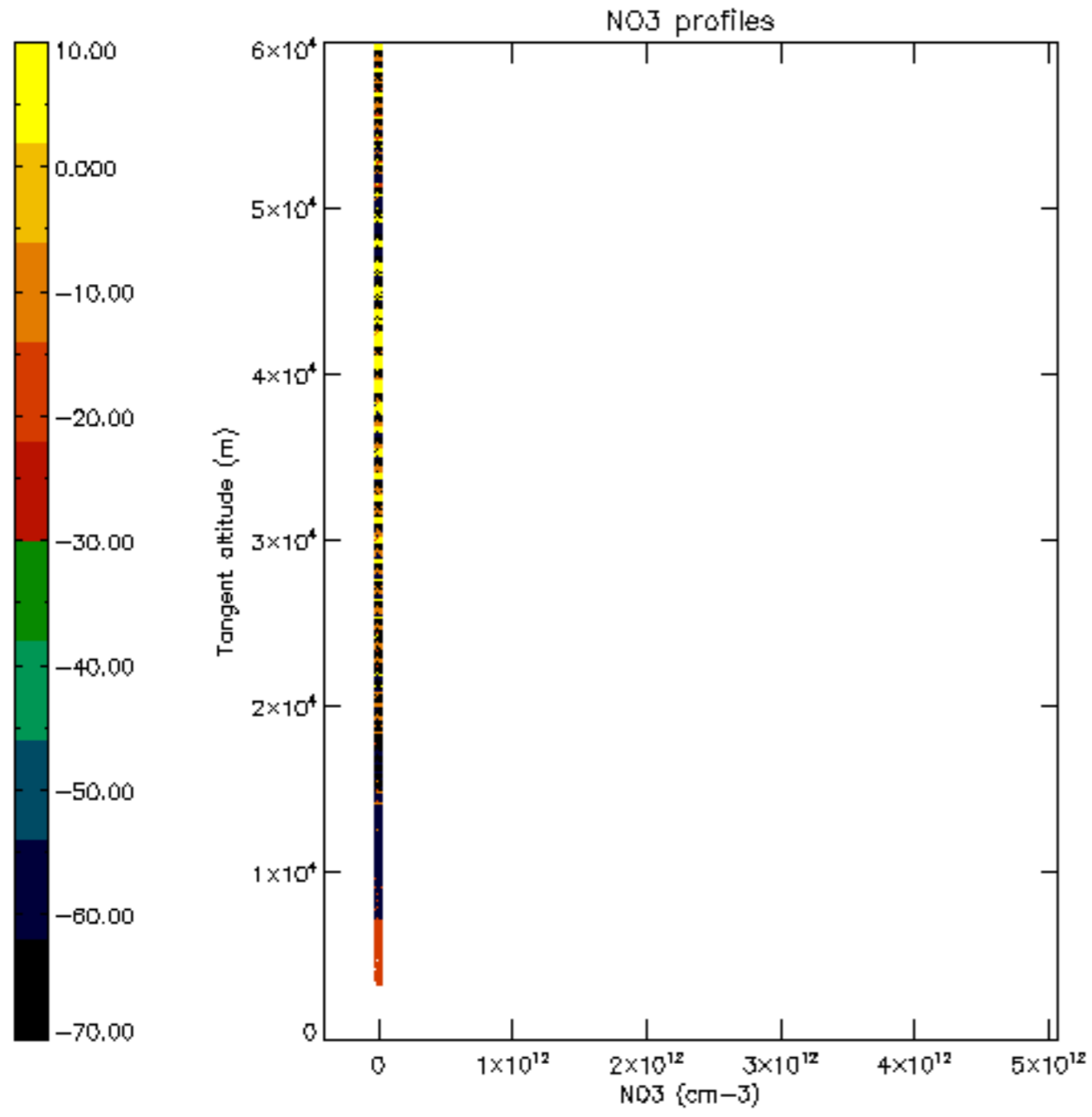


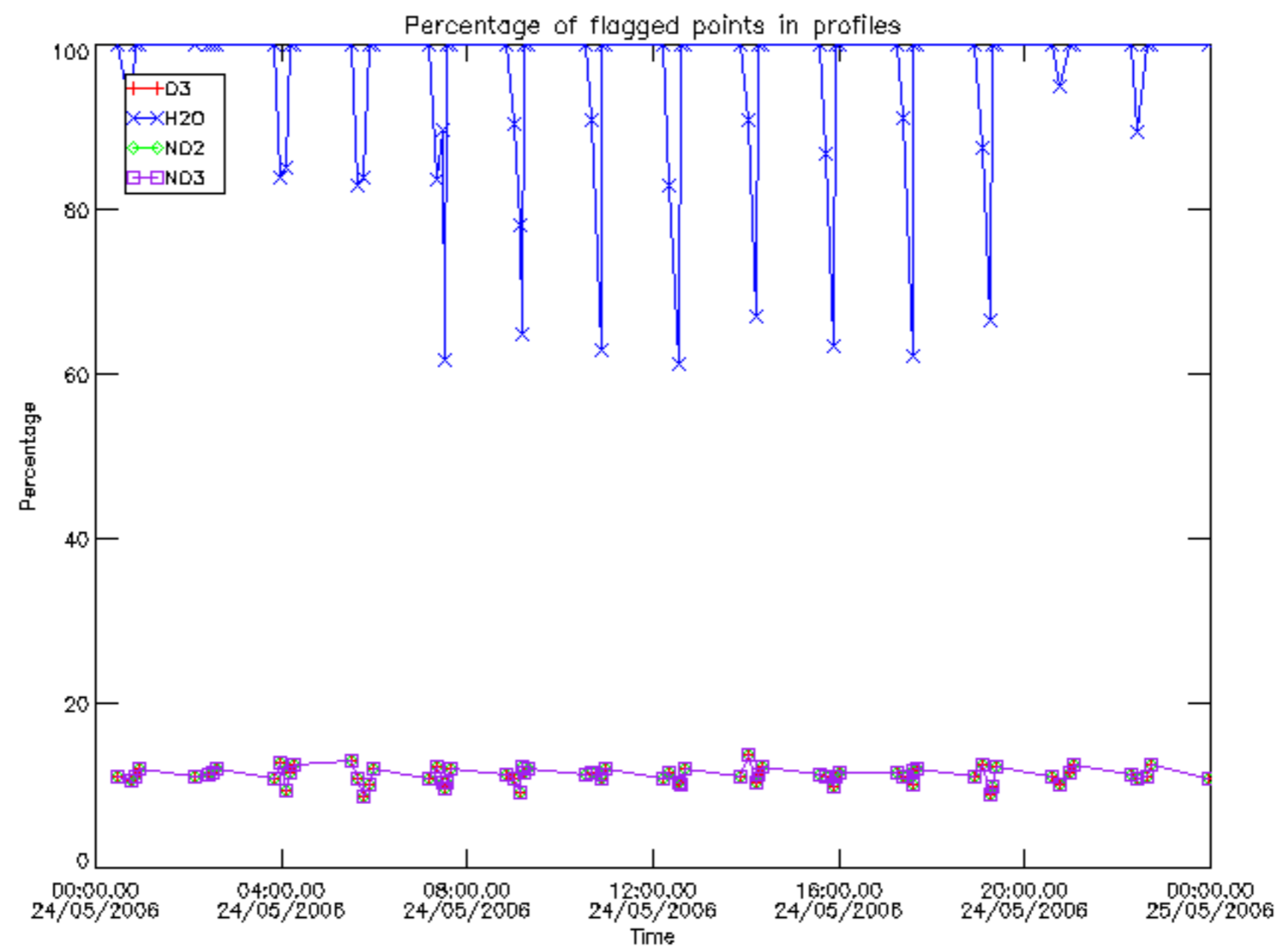




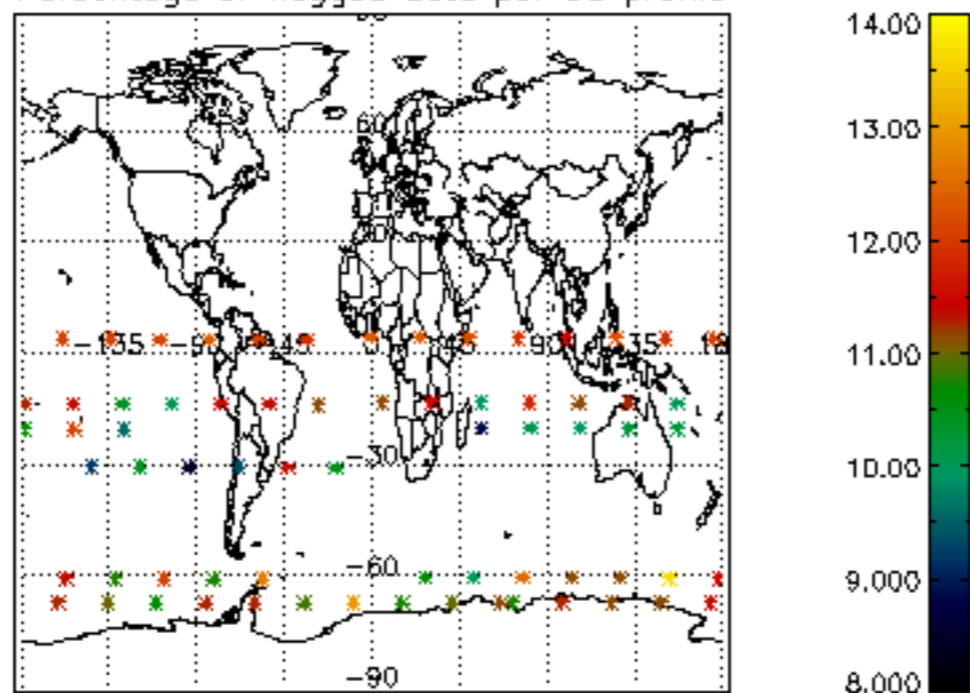




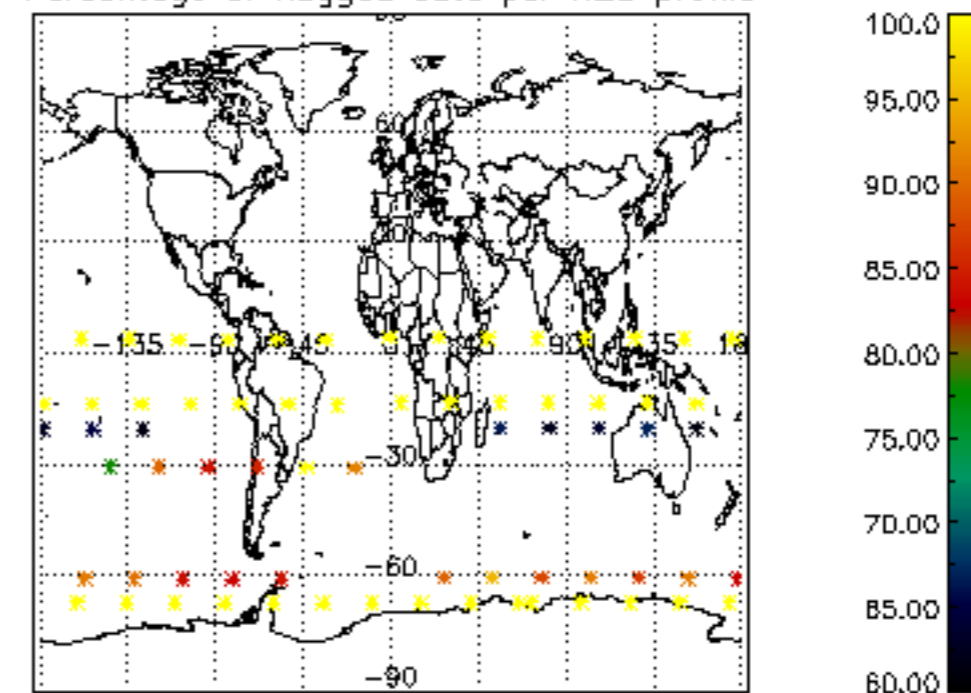




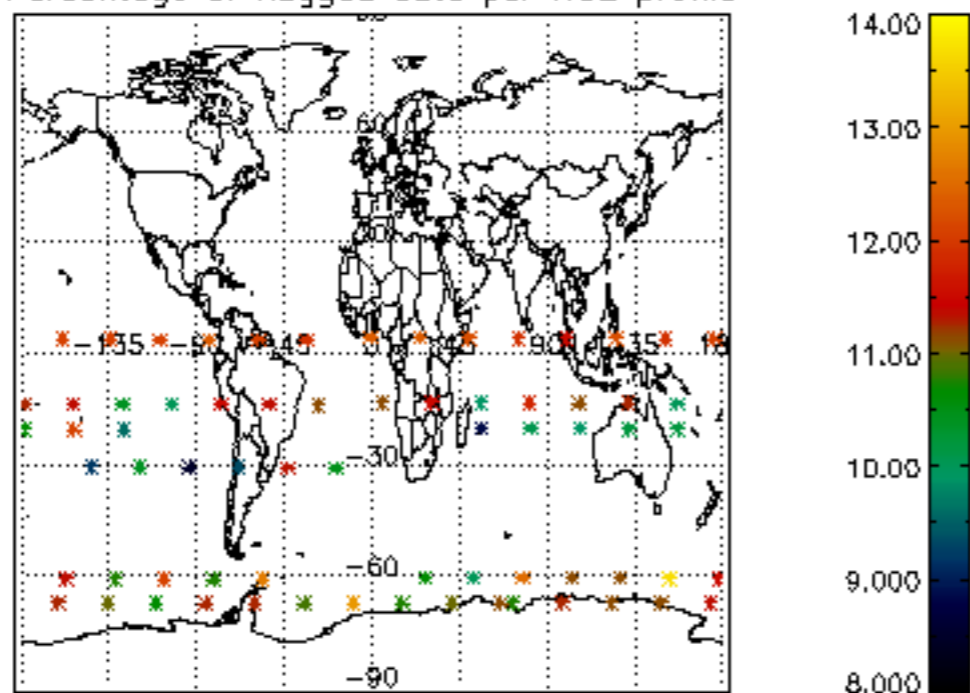
Percentage of flagged data per D3 profile



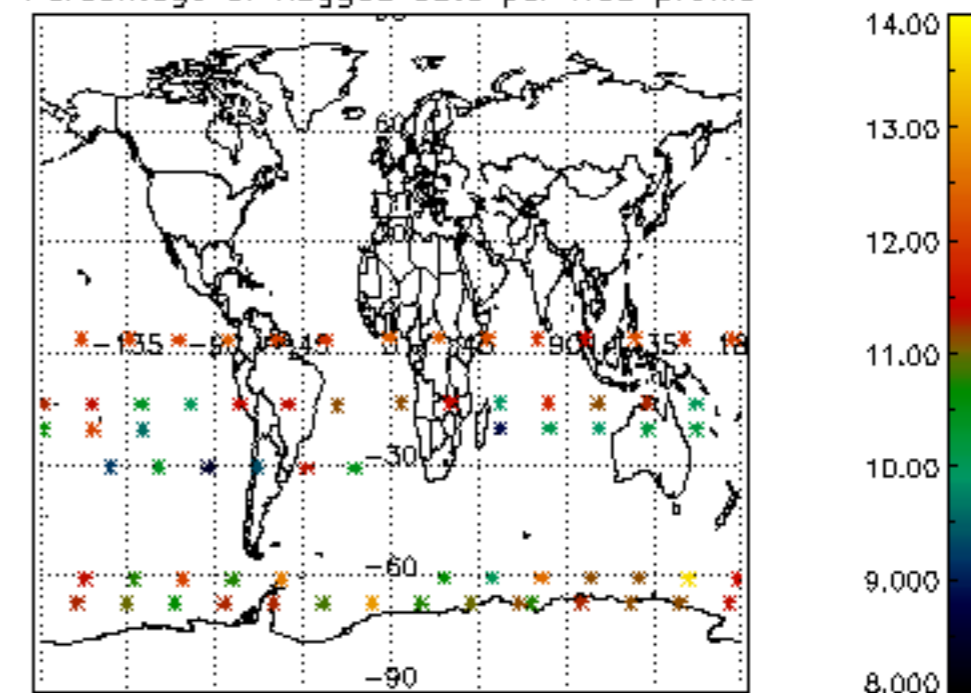
Percentage of flagged data per H2O profile

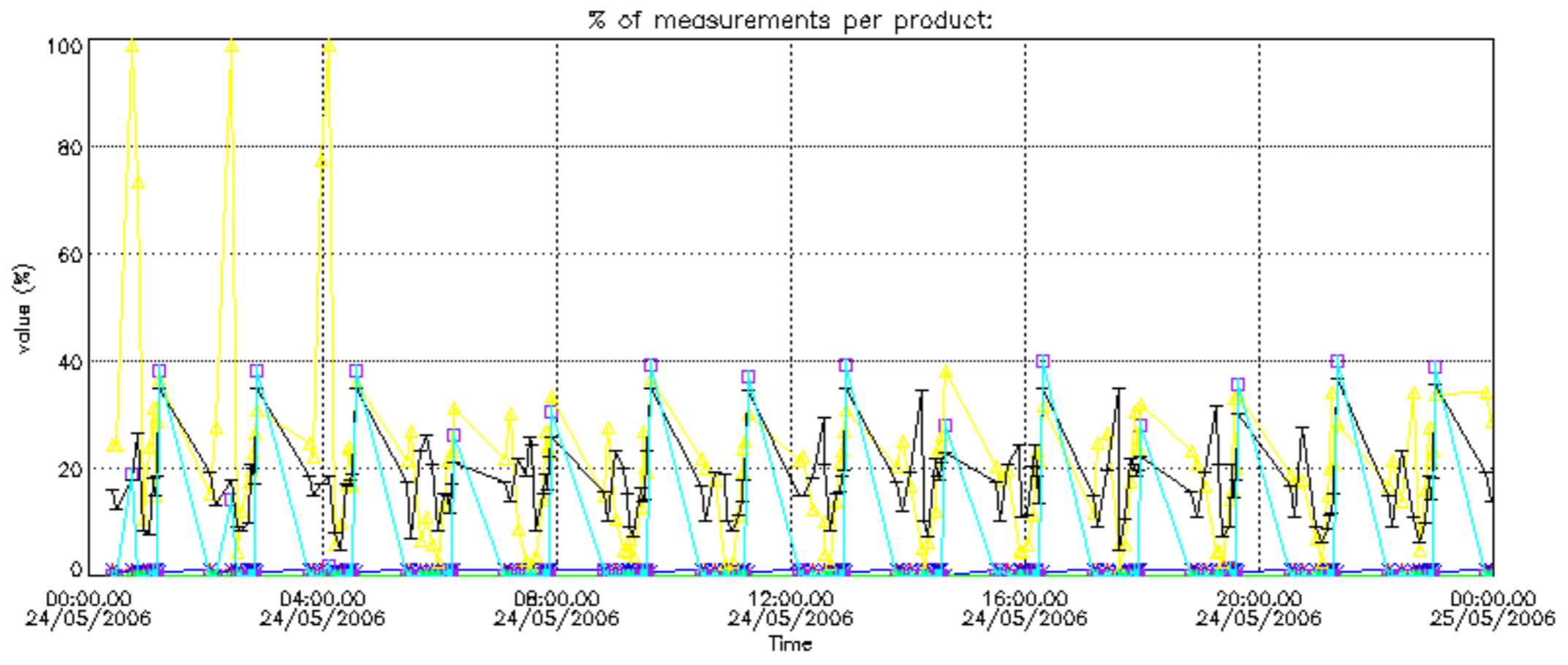


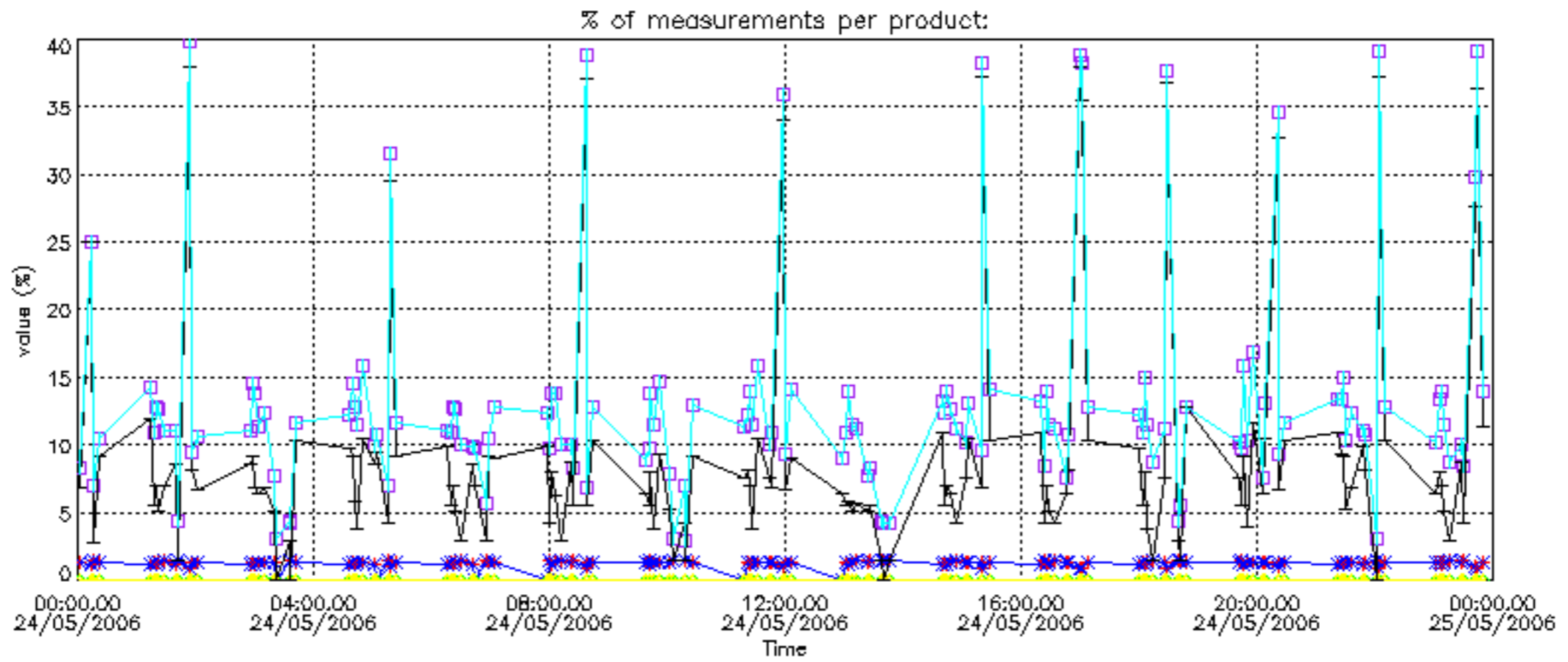
Percentage of flagged data per NO2 profile



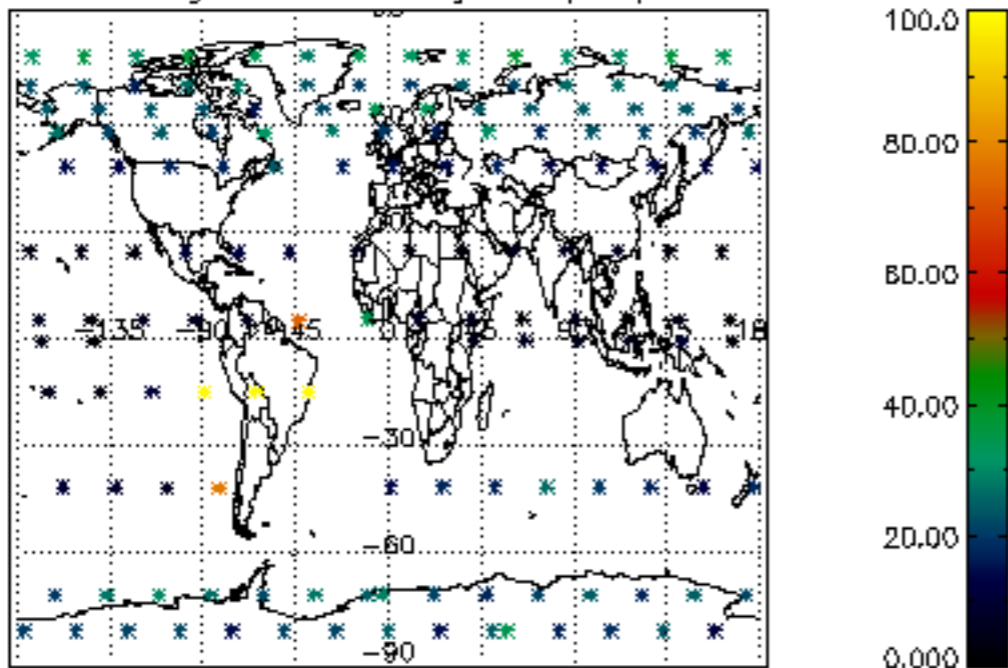
Percentage of flagged data per NO3 profile



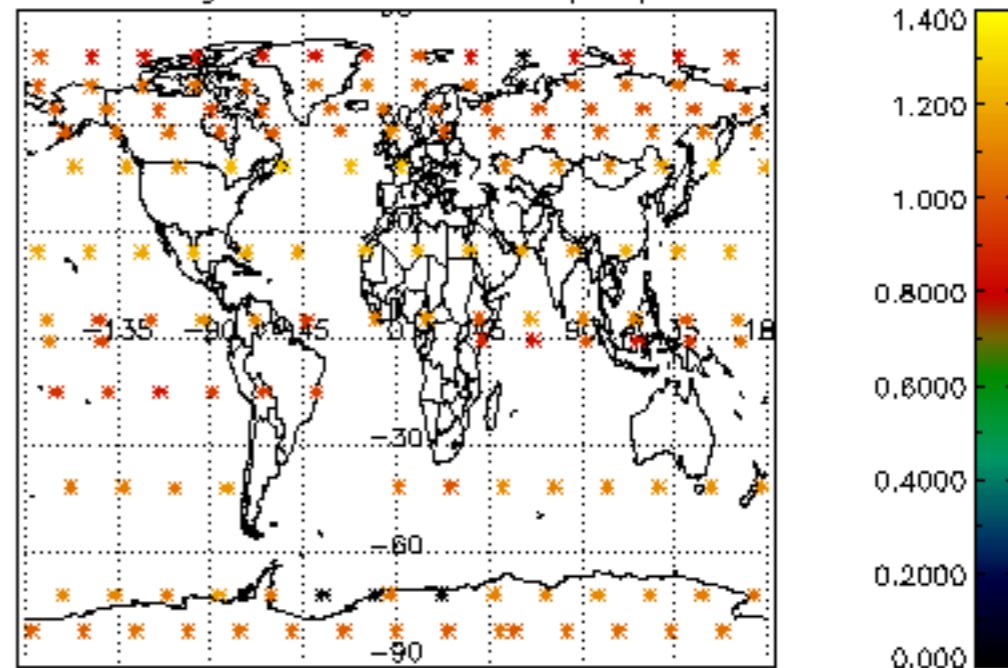




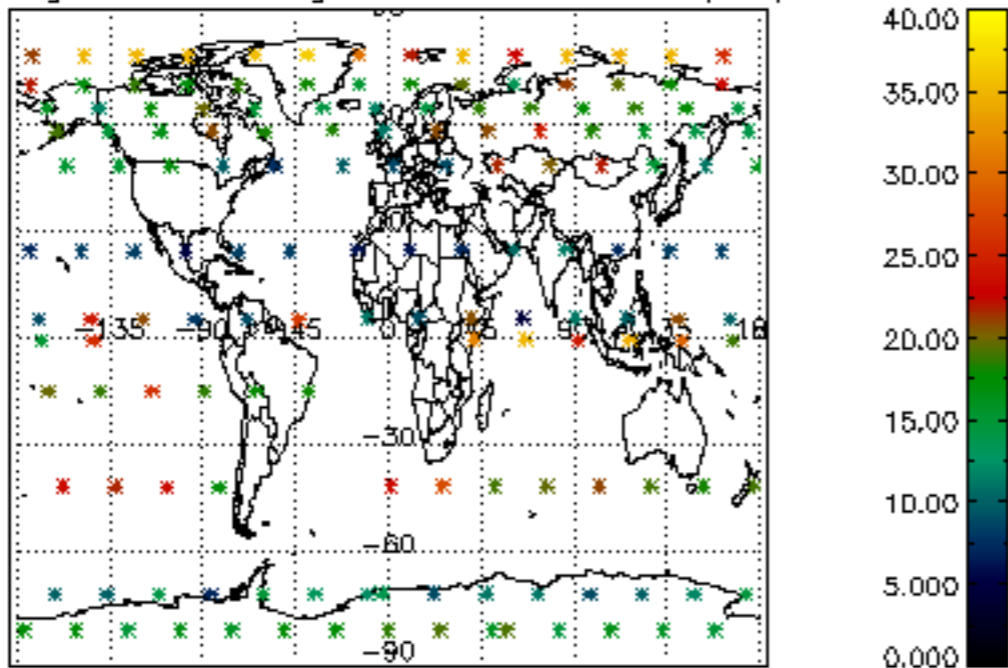
Percentage of cosmic ray hits per profile



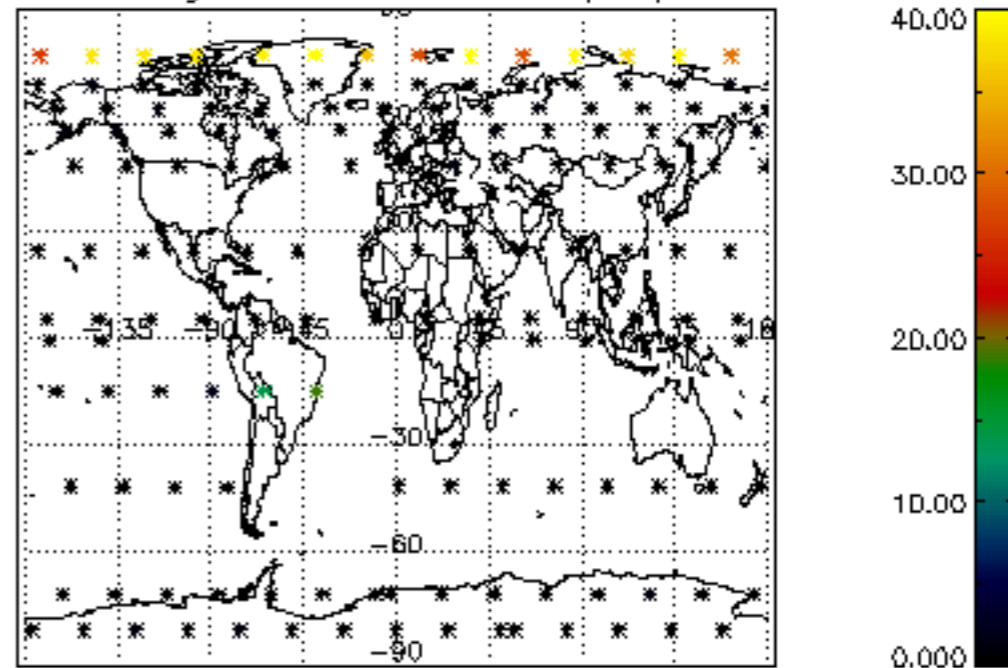
Percentage of datation errors per profile



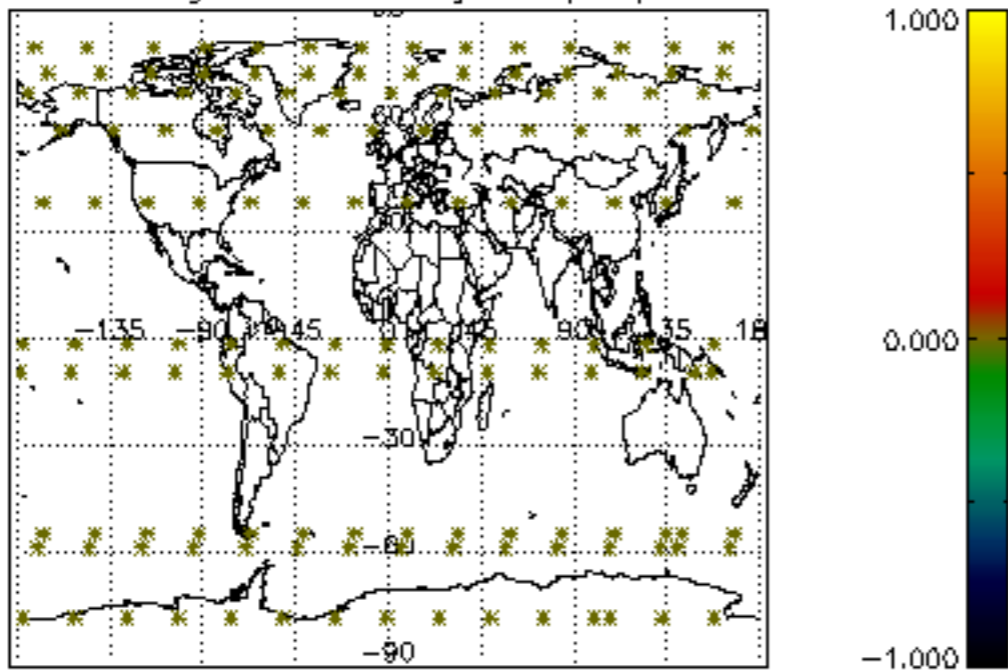
Percentage of star falling outside central band per profile



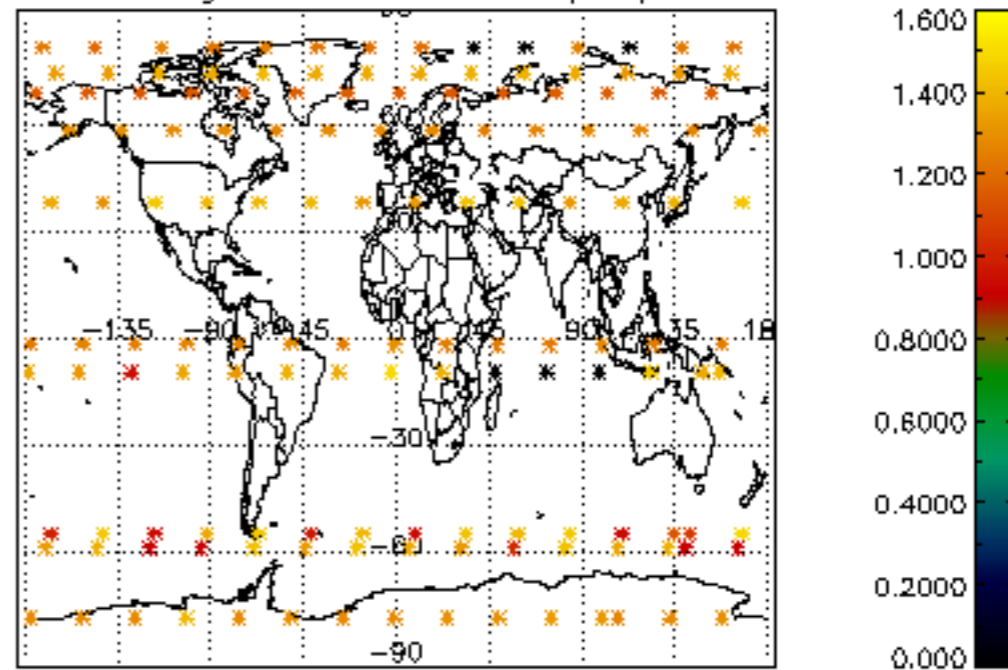
Percentage of saturation errors per profile



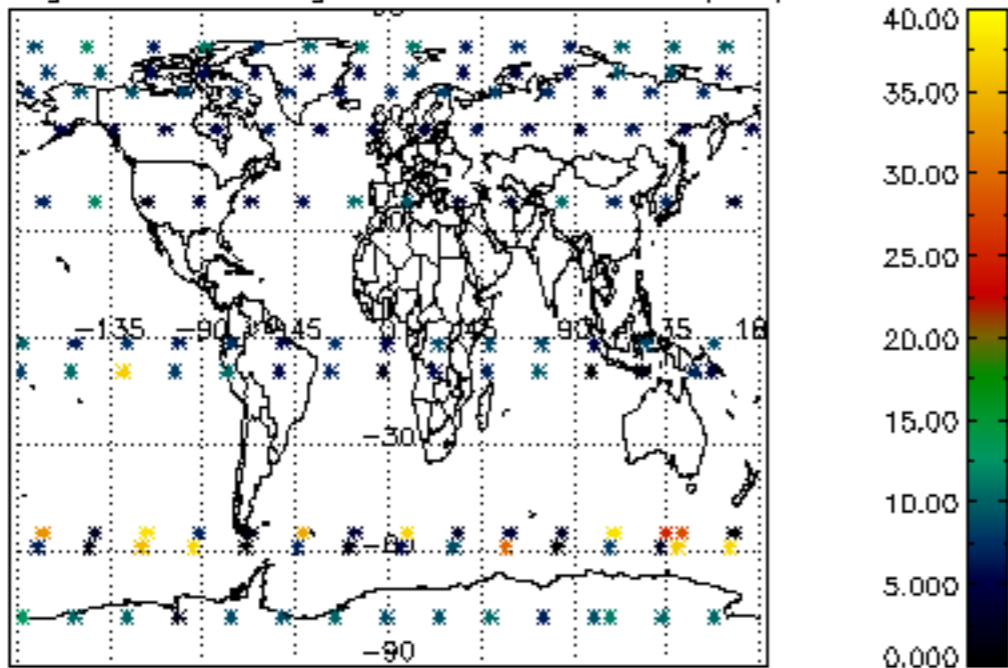
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

