

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	19APR2013 08:53:37
Data source version	GOMOS/6.01
Start time of products	05-02-2003 (05FEB2003 00:00:00)
Stop time of products	06-02-2003 (06FEB2003 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	462
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__2PRFIN20030205_000018_000000392013_00317_04880_4661.N1	05-FEB-2003 00:00:18	Dark	39.000	29	Bet Car	1.6720	10200.	78	4880	No
2	GOM_NL__2PRFIN20030205_000244_000000402013_00317_04880_4662.N1	05-FEB-2003 00:02:44	Dark	40.000	71	lot Car	2.2460	7700.0	80	4880	No
3	GOM_NL__2PRFIN20030205_000426_000000412013_00317_04880_4663.N1	05-FEB-2003 00:04:26	Dark	40.500	46	Del Vel	1.9540	10600.	81	4880	No
4	GOM_NL__2PRFIN20030205_000656_000000422013_00317_04880_4664.N1	05-FEB-2003 00:06:56	Straylight	41.500	34	Gam2Vel	1.7930	23000.	83	4880	No
5	GOM_NL__2PRFIN20030205_000900_000000412013_00317_04880_4665.N1	05-FEB-2003 00:09:00	Straylight	40.500	70	Zet Pup	2.2460	39000.	81	4880	No
6	GOM_NL__2PRFIN20030205_001020_000000432013_00317_04880_4666.N1	05-FEB-2003 00:10:20	Straylight	43.000	117	Pi Pup	2.7060	3800.0	86	4880	No
7	GOM_NL__2PRFIN20030205_001246_000000442013_00317_04880_4667.N1	05-FEB-2003 00:12:46	Straylight	43.500	23	21Eps CMa	1.5020	26000.	87	4880	No
8	GOM_NL__2PRFIN20030205_001409_000000402013_00317_04880_4668.N1	05-FEB-2003 00:14:09	Straylight	39.500	179	24Omi2CMa	3.0320	24000.	79	4880	No
9	GOM_NL__2PRFIN20030205_001744_000000632013_00317_04880_4669.N1	05-FEB-2003 00:17:44	Straylight	62.500	48	30Alp Hya	1.9770	4100.0	125	4880	No
10	GOM_NL__2PRFIN20030205_002158_000000522013_00317_04880_4670.N1	05-FEB-2003 00:21:58	Twilight	52.000	8	10Alp CMi	0.40000	6500.0	104	4880	No
11	GOM_NL__2PRFIN20030205_002533_000000392013_00317_04880_4671.N1	05-FEB-2003 00:25:33	Bright	38.500	44	24Gam Gem	1.9280	11000.	77	4880	No
12	GOM_NL__2PRFIN20030205_002725_000000402013_00317_04880_4672.N1	05-FEB-2003 00:27:25	Bright	39.500	151	13Mu Gem	2.8900	3000.0	79	4880	No
13	GOM_NL__2PRFIN20030205_002935_000000382013_00317_04880_4673.N1	05-FEB-2003 00:29:35	Bright	38.000	24	66Alp Gem	1.5800	10200.	76	4880	No
14	GOM_NL__2PRFIN20030205_003145_000000372013_00317_04880_4674.N1	05-FEB-2003 00:31:45	Bright	36.500	107	37The Aur	2.6490	11000.	73	4880	No
15	GOM_NL__2PRFIN20030205_003348_000000382013_00317_04880_4675.N1	05-FEB-2003 00:33:48	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	4880	No
16	GOM_NL__2PRFIN20030205_004214_000000482013_00317_04880_4676.N1	05-FEB-2003 00:42:14	Bright	48.000	82	48Bet UMa	2.3650	10600.	96	4880	No
17	GOM_NL__2PRFIN20030205_004552_000000332013_00317_04880_4677.N1	05-FEB-2003 00:45:52	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	4880	No
18	GOM_NL__2PRFIN20030205_005329_000000422013_00317_04880_4678.N1	05-FEB-2003 00:53:29	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	4880	No
19	GOM_NL__2PRFIN20030205_005649_000000402013_00317_04880_4679.N1	05-FEB-2003 00:56:49	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	4880	No
20	GOM_NL__2PRFIN20030205_005902_000000372013_00317_04880_4680.N1	05-FEB-2003 00:59:02	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	4880	No
21	GOM_NL__2PRFIN20030205_010035_000000372013_00317_04880_4681.N1	05-FEB-2003 01:00:35	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	4880	No
22	GOM_NL__2PRFIN20030205_010338_000000462013_00317_04880_4682.N1	05-FEB-2003 01:03:38	Bright	45.500	133	40Zet Her	2.8070	6000.0	91	4880	No
23	GOM_NL__2PRFIN20030205_010823_000001322013_00317_04880_4683.N1	05-FEB-2003 01:08:23	Twilight	131.50	83		2.3780	11000.	263	4880	No
24	GOM_NL__2PRFIN20030205_011522_000000762013_00317_04880_4684.N1	05-FEB-2003 01:15:22	Straylight	76.000	102	24Alp Ser	2.6000	4250.0	152	4880	No
25	GOM_NL__2PRFIN20030205_011746_000000482013_00317_04880_4685.N1	05-FEB-2003 01:17:46	Twilight	47.500	86	35Eta Oph	2.4300	10200.	95	4880	No
26	GOM_NL__2PRFIN20030205_011950_000000432013_00317_04880_4686.N1	05-FEB-2003 01:19:50	Twilight	42.500	116	19Del Sgr	2.7000	4100.0	85	4880	No
27	GOM_NL__2PRFIN20030205_012101_000000422013_00317_04880_4687.N1	05-FEB-2003 01:21:01	Twilight	42.000	38	20Eps Sgr	1.8360	11000.	84	4880	No
28	GOM_NL__2PRFIN20030205_012323_000000762013_00317_04880_4688.N1	05-FEB-2003 01:23:23	Dark	76.000	104	27Bet Lib	2.6140	13100.	152	4880	No
29	GOM_NL__2PRFIN20030205_012802_000000812013_00317_04880_4689.N1	05-FEB-2003 01:28:02	Dark	80.500	122	9Alp2Lib	2.7470	9700.0	161	4880	No
30	GOM_NL__2PRFIN20030205_013120_000000432013_00318_04881_5305.N1	05-FEB-2003 01:31:20	Dark	42.500	43	Alp TrA	1.9100	4250.0	85	4881	No
31	GOM_NL__2PRFIN20030205_013738_000000432013_00318_04881_5306.N1	05-FEB-2003 01:37:38	Dark	42.500	12	Alp1Cru	0.77500	30000.	85	4881	No
32	GOM_NL__2PRFIN20030205_014054_000000432013_00318_04881_5307.N1	05-FEB-2003 01:40:54	Dark	42.500	29	Bet Car	1.6720	10200.	85	4881	No
33	GOM_NL__2PRFIN20030205_014320_000000412013_00318_04881_5308.N1	05-FEB-2003 01:43:20	Dark	40.500	71	lot Car	2.2460	7700.0	81	4881	No
34	GOM_NL__2PRFIN20030205_014503_000000442013_00318_04881_5309.N1	05-FEB-2003 01:45:03	Dark	43.500	46	Del Vel	1.9540	10600.	87	4881	No
35	GOM_NL__2PRFIN20030205_014732_000000392013_00318_04881_5310.N1	05-FEB-2003 01:47:32	Straylight	38.500	34	Gam2Vel	1.7930	23000.	77	4881	No
36	GOM_NL__2PRFIN20030205_014936_000000422013_00318_04881_5311.N1	05-FEB-2003 01:49:36	Straylight	42.000	70	Zet Pup	2.2460	39000.	84	4881	No
37	GOM_NL__2PRFIN20030205_015056_000000442013_00318_04881_5312.N1	05-FEB-2003 01:50:56	Straylight	44.000	117	Pi Pup	2.7060	3800.0	88	4881	No
38	GOM_NL__2PRFIN20030205_015322_000000452013_00318_04881_5313.N1	05-FEB-2003 01:53:22	Straylight	44.500	23	21Eps CMa	1.5020	26000.	89	4881	No
39	GOM_NL__2PRFIN20030205_015445_000000392013_00318_04881_5314.N1	05-FEB-2003 01:54:45	Straylight	39.000	179	24Omi2CMa	3.0320	24000.	78	4881	No
40	GOM_NL__2PRFIN20030205_015820_000000632013_00318_04881_5315.N1	05-FEB-2003 01:58:20	Straylight	62.500	48	30Alp Hya	1.9770	4100.0	125	4881	No
41	GOM_NL__2PRFIN20030205_020234_000000522013_00318_04881_5316.N1	05-FEB-2003 02:02:34	Twilight	52.000	8	10Alp CMi	0.40000	6500.0	104	4881	No
42	GOM_NL__2PRFIN20030205_020609_000000392013_00318_04881_5317.N1	05-FEB-2003 02:06:09	Bright	39.000	44	24Gam Gem	1.9280	11000.	78	4881	No

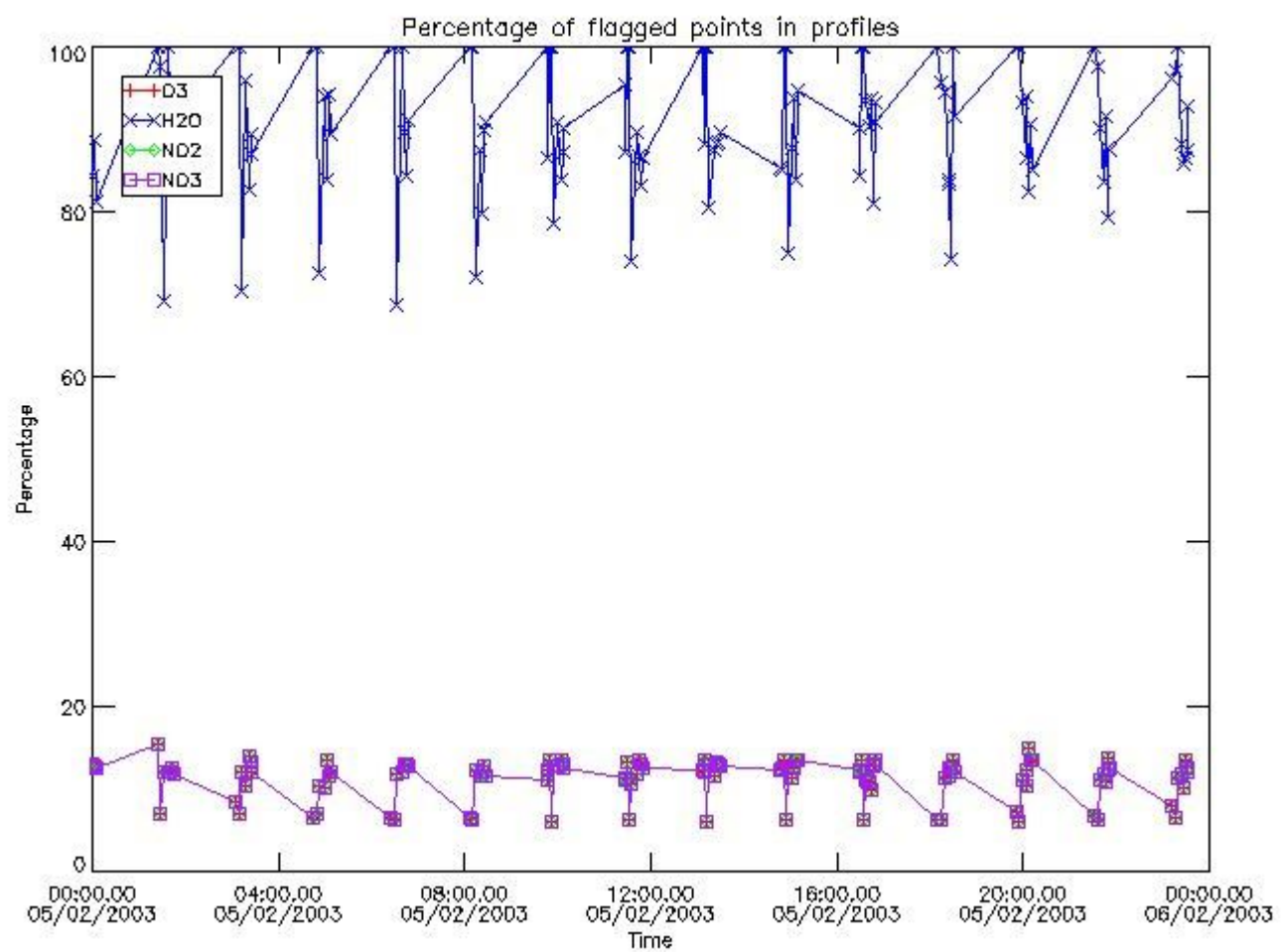
397	GOM_NL__2PRFIN20030205_202910_000000522013_00329_04892_5314.N1	05-FEB-2003 20:29:10	Twilight	52.000	8	10Alp CMI	0.40000	6500.0	104	4892	No
398	GOM_NL__2PRFIN20030205_203246_000000382013_00329_04892_5315.N1	05-FEB-2003 20:32:46	Bright	38.000	44	24Gam Gem	1.9280	11000.	76	4892	No
399	GOM_NL__2PRFIN20030205_203439_000000402013_00329_04892_5316.N1	05-FEB-2003 20:34:39	Bright	39.500	151	13Mu Gem	2.8900	3000.0	79	4892	No
400	GOM_NL__2PRFIN20030205_203646_000000382013_00329_04892_5317.N1	05-FEB-2003 20:36:46	Bright	38.000	24	66Alp Gem	1.5800	10200.	76	4892	No
401	GOM_NL__2PRFIN20030205_203900_000000372013_00329_04892_5318.N1	05-FEB-2003 20:39:00	Bright	37.000	107	37The Aur	2.6490	11000.	74	4892	No
402	GOM_NL__2PRFIN20030205_204102_000000372013_00329_04892_5319.N1	05-FEB-2003 20:41:02	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	4892	No
403	GOM_NL__2PRFIN20030205_204915_000000492013_00329_04892_5320.N1	05-FEB-2003 20:49:15	Bright	49.000	82	48Bet UMa	2.3650	10600.	98	4892	No
404	GOM_NL__2PRFIN20030205_205303_000000372013_00329_04892_5321.N1	05-FEB-2003 20:53:03	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	4892	No
405	GOM_NL__2PRFIN20030205_205551_000000422013_00329_04892_5322.N1	05-FEB-2003 20:55:51	Bright	42.000	60	7Bet UMi	2.0810	3950.0	84	4892	No
406	GOM_NL__2PRFIN20030205_205928_000000362013_00329_04892_5323.N1	05-FEB-2003 20:59:28	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	4892	No
407	GOM_NL__2PRFIN20030205_210400_000000392013_00329_04892_5324.N1	05-FEB-2003 21:04:00	Bright	39.000	130	23Bet Dra	2.7990	5800.0	78	4892	No
408	GOM_NL__2PRFIN20030205_210616_000000362013_00329_04892_5325.N1	05-FEB-2003 21:06:16	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	4892	No
409	GOM_NL__2PRFIN20030205_210748_000000362013_00329_04892_5326.N1	05-FEB-2003 21:07:48	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	4892	No
410	GOM_NL__2PRFIN20030205_211050_000000472013_00329_04892_5327.N1	05-FEB-2003 21:10:50	Bright	47.000	133	40Zet Her	2.8070	6000.0	94	4892	No
411	GOM_NL__2PRFIN20030205_211547_000001532013_00329_04892_5328.N1	05-FEB-2003 21:15:47	Twilight	152.50	83		2.3780	11000.	305	4892	No
412	GOM_NL__2PRFIN20030205_212505_000000472013_00329_04892_5329.N1	05-FEB-2003 21:25:05	Twilight	47.000	86	35Eta Oph	2.4300	10200.	94	4892	No
413	GOM_NL__2PRFIN20030205_212704_000000422013_00329_04892_5330.N1	05-FEB-2003 21:27:04	Twilight	42.000	116	19Del Sgr	2.7000	4100.0	84	4892	No
414	GOM_NL__2PRFIN20030205_212815_000000422013_00329_04892_5331.N1	05-FEB-2003 21:28:15	Twilight	41.500	38	20Eps Sgr	1.8360	11000.	83	4892	No
415	GOM_NL__2PRFIN20030205_213059_000000772013_00329_04892_5332.N1	05-FEB-2003 21:30:59	Dark	76.500	104	27Bet Lib	2.6140	13100.	153	4892	No
416	GOM_NL__2PRFIN20030205_213541_000000832013_00329_04892_5333.N1	05-FEB-2003 21:35:41	Dark	83.000	122	9Alp2Lib	2.7470	9700.0	166	4892	No
417	GOM_NL__2PRFIN20030205_213910_000000462013_00330_04893_5303.N1	05-FEB-2003 21:39:10	Dark	46.000	78	Alp Lup	2.3040	28000.	92	4893	No
418	GOM_NL__2PRFIN20030205_214430_000000432013_00330_04893_5304.N1	05-FEB-2003 21:44:30	Dark	43.000	20	Bet Cru	1.2530	30000.	86	4893	No
419	GOM_NL__2PRFIN20030205_214552_000000482013_00330_04893_5305.N1	05-FEB-2003 21:45:52	Dark	47.500	64	Gam Cen	2.2000	10600.	95	4893	No
420	GOM_NL__2PRFIN20030205_214808_000000422013_00330_04893_5306.N1	05-FEB-2003 21:48:08	Dark	41.500	29	Bet Car	1.6720	10200.	83	4893	No
421	GOM_NL__2PRFIN20030205_215035_000000412013_00330_04893_5307.N1	05-FEB-2003 21:50:35	Dark	41.000	71	lot Car	2.2460	7700.0	82	4893	No
422	GOM_NL__2PRFIN20030205_215217_000000412013_00330_04893_5308.N1	05-FEB-2003 21:52:17	Dark	40.500	46	Del Vel	1.9540	10600.	81	4893	No
423	GOM_NL__2PRFIN20030205_215453_000000522013_00330_04893_5309.N1	05-FEB-2003 21:54:53	Straylight	52.000	65	Lam Vel	2.2040	4400.0	104	4893	No
424	GOM_NL__2PRFIN20030205_215650_000000392013_00330_04893_5310.N1	05-FEB-2003 21:56:50	Straylight	38.500	70	Zet Pup	2.2460	39000.	77	4893	No
425	GOM_NL__2PRFIN20030205_215809_000000422013_00330_04893_5311.N1	05-FEB-2003 21:58:09	Straylight	41.500	117	Pi Pup	2.7060	3800.0	83	4893	No
426	GOM_NL__2PRFIN20030205_220110_000000422013_00330_04893_5312.N1	05-FEB-2003 22:01:10	Straylight	41.500	132	15Rho Pup	2.8030	6900.0	83	4893	No
427	GOM_NL__2PRFIN20030205_220408_000000472013_00330_04893_5313.N1	05-FEB-2003 22:04:08	Straylight	46.500	1	9Alp CMa	-1.4400	11000.	93	4893	No
428	GOM_NL__2PRFIN20030205_220946_000000482013_00330_04893_5314.N1	05-FEB-2003 22:09:46	Twilight	47.500	8	10Alp CMI	0.40000	6500.0	95	4893	No
429	GOM_NL__2PRFIN20030205_221322_000000372013_00330_04893_5315.N1	05-FEB-2003 22:13:22	Bright	37.000	44	24Gam Gem	1.9280	11000.	74	4893	No
430	GOM_NL__2PRFIN20030205_221515_000000392013_00330_04893_5316.N1	05-FEB-2003 22:15:15	Bright	38.500	151	13Mu Gem	2.8900	3000.0	77	4893	No
431	GOM_NL__2PRFIN20030205_221722_000000392013_00330_04893_5317.N1	05-FEB-2003 22:17:22	Bright	38.500	24	66Alp Gem	1.5800	10200.	77	4893	No
432	GOM_NL__2PRFIN20030205_221936_000000372013_00330_04893_5318.N1	05-FEB-2003 22:19:36	Bright	36.500	107	37The Aur	2.6490	11000.	73	4893	No
433	GOM_NL__2PRFIN20030205_222139_000000382013_00330_04893_5319.N1	05-FEB-2003 22:21:39	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	4893	No
434	GOM_NL__2PRFIN20030205_222950_000000492013_00330_04893_5320.N1	05-FEB-2003 22:29:50	Bright	49.000	82	48Bet UMa	2.3650	10600.	98	4893	No
435	GOM_NL__2PRFIN20030205_223339_000000332013_00330_04893_5321.N1	05-FEB-2003 22:33:39	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	4893	No
436	GOM_NL__2PRFIN20030205_223626_000000432013_00330_04893_5322.N1	05-FEB-2003 22:36:26	Bright	42.500	60	7Bet UMi	2.0810	3950.0	85	4893	No
437	GOM_NL__2PRFIN20030205_224004_000000372013_00330_04893_5323.N1	05-FEB-2003 22:40:04	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	4893	No
438	GOM_NL__2PRFIN20030205_224435_000000392013_00330_04893_5324.N1	05-FEB-2003 22:44:35	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	4893	No
439	GOM_NL__2PRFIN20030205_224652_000000352013_00330_04893_5325.N1	05-FEB-2003 22:46:52	Bright	34.500	66	37Gam Cyg	2.2080	5900.0	69	4893	No
440	GOM_NL__2PRFIN20030205_224824_000000352013_00330_04893_5326.N1	05-FEB-2003 22:48:24	Bright	34.500	5	3Alp Lyr	0.033000	11000.	69	4893	No
441	GOM_NL__2PRFIN20030205_225126_000000482013_00330_04893_5327.N1	05-FEB-2003 22:51:26	Bright	48.000	133	40Zet Her	2.8070	6000.0	96	4893	No
442	GOM_NL__2PRFIN20030205_225623_000001512013_00330_04893_5328.N1	05-FEB-2003 22:56:23	Twilight	150.50	83		2.3780	11000.	301	4893	No
443	GOM_NL__2PRFIN20030205_230541_000000452013_00330_04893_5329.N1	05-FEB-2003 23:05:41	Twilight	45.000	86	35Eta Oph	2.4300	10200.	90	4893	No
444	GOM_NL__2PRFIN20030205_230740_000000442013_00330_04893_5330.N1	05-FEB-2003 23:07:40	Twilight	43.500	116	19Del Sgr	2.7000	4100.0	87	4893	No
445	GOM_NL__2PRFIN20030205_230851_000000432013_00330_04893_5331.N1	05-FEB-2003 23:08:51	Twilight	43.000	38	20Eps Sgr	1.8360	11000.	86	4893	No
446	GOM_NL__2PRFIN20030205_231136_000000772013_00330_04893_5332.N1	05-FEB-2003 23:11:36	Dark	76.500	104	27Bet Lib	2.6140	13100.	153	4893	No
447	GOM_NL__2PRFIN20030205_231616_000000852013_00330_04893_5333.N1	05-FEB-2003 23:16:16	Dark	85.000	122	9Alp2Lib	2.7470	9700.0	170	4893	No
448	GOM_NL__2PRFIN20030205_231947_000000452013_00331_04894_5303.N1	05-FEB-2003 23:19:47	Dark	45.000	78	Alp Lup	2.3040	28000.	90	4894	No
449	GOM_NL__2PRFIN20030205_232506_000000432013_00331_04894_5304.N1	05-FEB-2003 23:25:06	Dark	43.000	20	Bet Cru	1.2530	30000.	86	4894	No
450	GOM_NL__2PRFIN20030205_232628_000000502013_00331_04894_5305.N1	05-FEB-2003 23:26:28	Dark	50.000	64	Gam Cen	2.2000	10600.	100	4894	No
451	GOM_NL__2PRFIN20030205_232844_000000382013_00331_04894_5306.N1	05-FEB-2003 23:28:44	Dark	37.500	29	Bet Car	1.6720	10200.	75	4894	No
452	GOM_NL__2PRFIN20030205_233111_000000412013_00331_04894_5307.N1	05-FEB-2003 23:31:11	Dark	40.500	71	lot Car	2.2460	7700.0	81	4894	No
453	GOM_NL__2PRFIN20030205_233253_000000432013_00331_04894_5308.N1	05-FEB-2003 23:32:53	Dark	42.500	46	Del Vel	1.9540	10600.	85	4894	No
454	GOM_NL__2PRFIN20030205_233529_000000522013_00331_04894_5309.N1	05-FEB-2003 23:35:29	Straylight	52.000	65	Lam Vel	2.2040	4400.0	104	4894	No
455	GOM_NL__2PRFIN20030205_233726_000000402013_00331_04894_5310.N1	05-FEB-2003 23:37:26	Straylight	40.000	70	Zet Pup	2.2460	39000.	80	4894	No

456	GOM_NL__2PRFIN20030205_233845_000000422013_00331_04894_5311.N1	05-FEB-2003 23:38:45	Straylight	42.000	117	Pi Pup	2.7060	3800.0	84	4894	No
457	GOM_NL__2PRFIN20030205_234146_000000442013_00331_04894_5312.N1	05-FEB-2003 23:41:46	Straylight	43.500	132	15Rho Pup	2.8030	6900.0	87	4894	No
458	GOM_NL__2PRFIN20030205_234445_000000472013_00331_04894_5313.N1	05-FEB-2003 23:44:45	Straylight	46.500	1	9Alp CMa	-1.4400	11000.	93	4894	No
459	GOM_NL__2PRFIN20030205_235022_000000522013_00331_04894_5314.N1	05-FEB-2003 23:50:22	Twilight_stray	52.000	8	10Alp CMi	0.40000	6500.0	104	4894	No
460	GOM_NL__2PRFIN20030205_235358_000000392013_00331_04894_5315.N1	05-FEB-2003 23:53:58	Bright	38.500	44	24Gam Gem	1.9280	11000.	77	4894	No
461	GOM_NL__2PRFIN20030205_235551_000000392013_00331_04894_5316.N1	05-FEB-2003 23:55:51	Bright	39.000	151	13Mu Gem	2.8900	3000.0	78	4894	No
462	GOM_NL__2PRFIN20030205_235757_000000382013_00331_04894_5317.N1	05-FEB-2003 23:57:57	Bright	38.000	24	66Alp Gem	1.5800	10200.	76	4894	No

3. Quality information per product

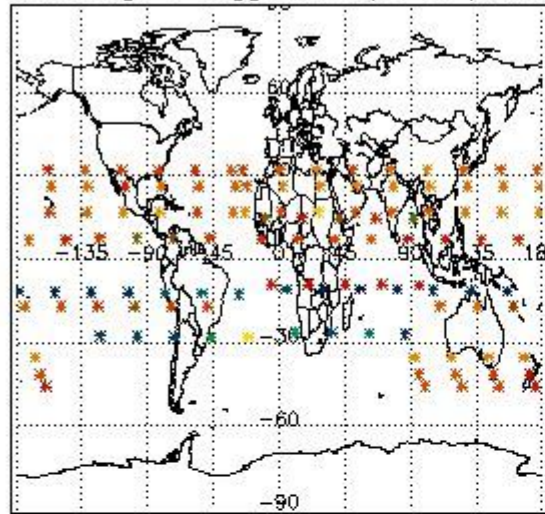
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

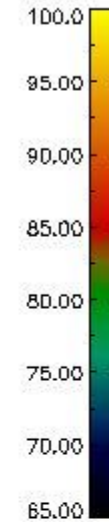
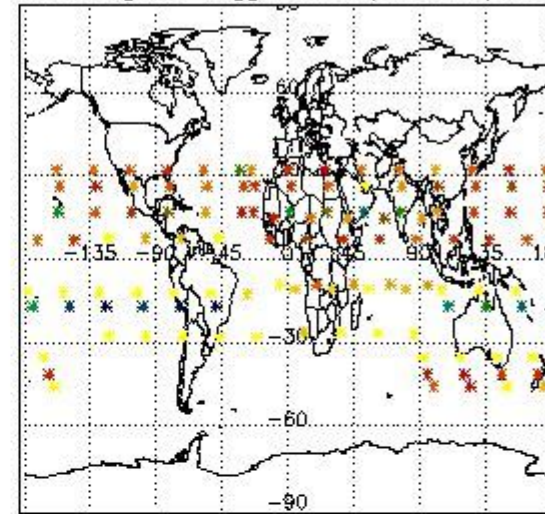


3.2 Plot quality information per product (world map)

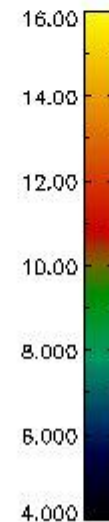
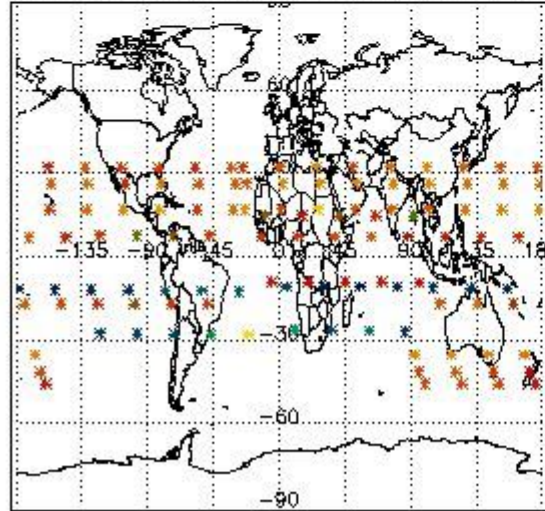
Percentage of flagged data per O3 profile



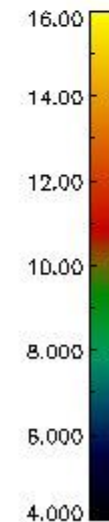
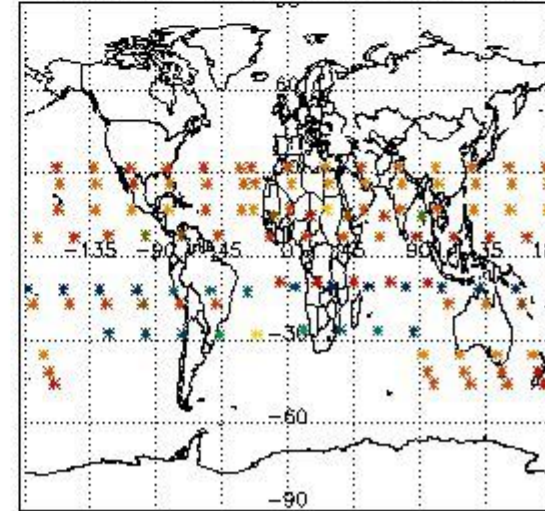
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

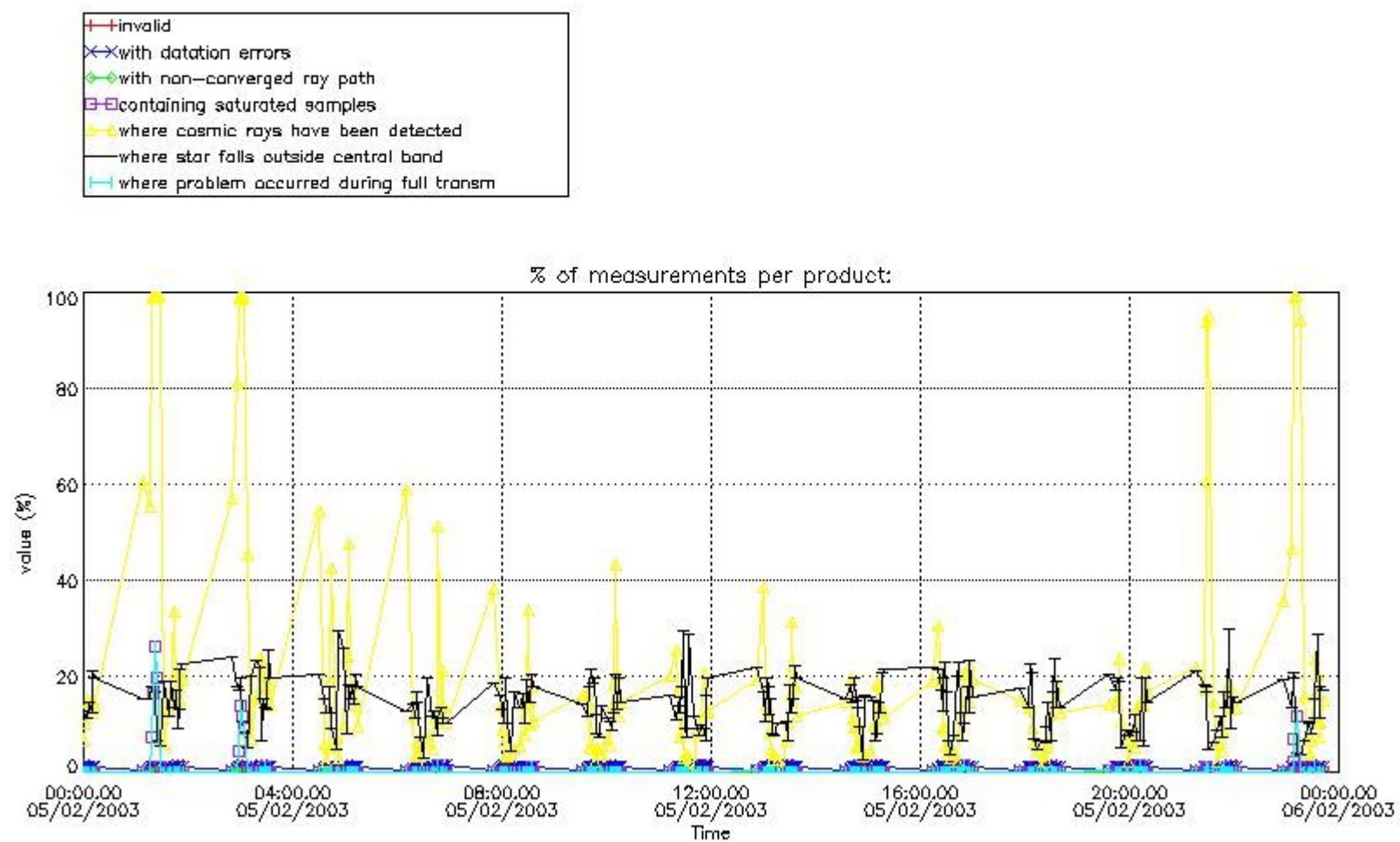


4. Level 1 quality information per product

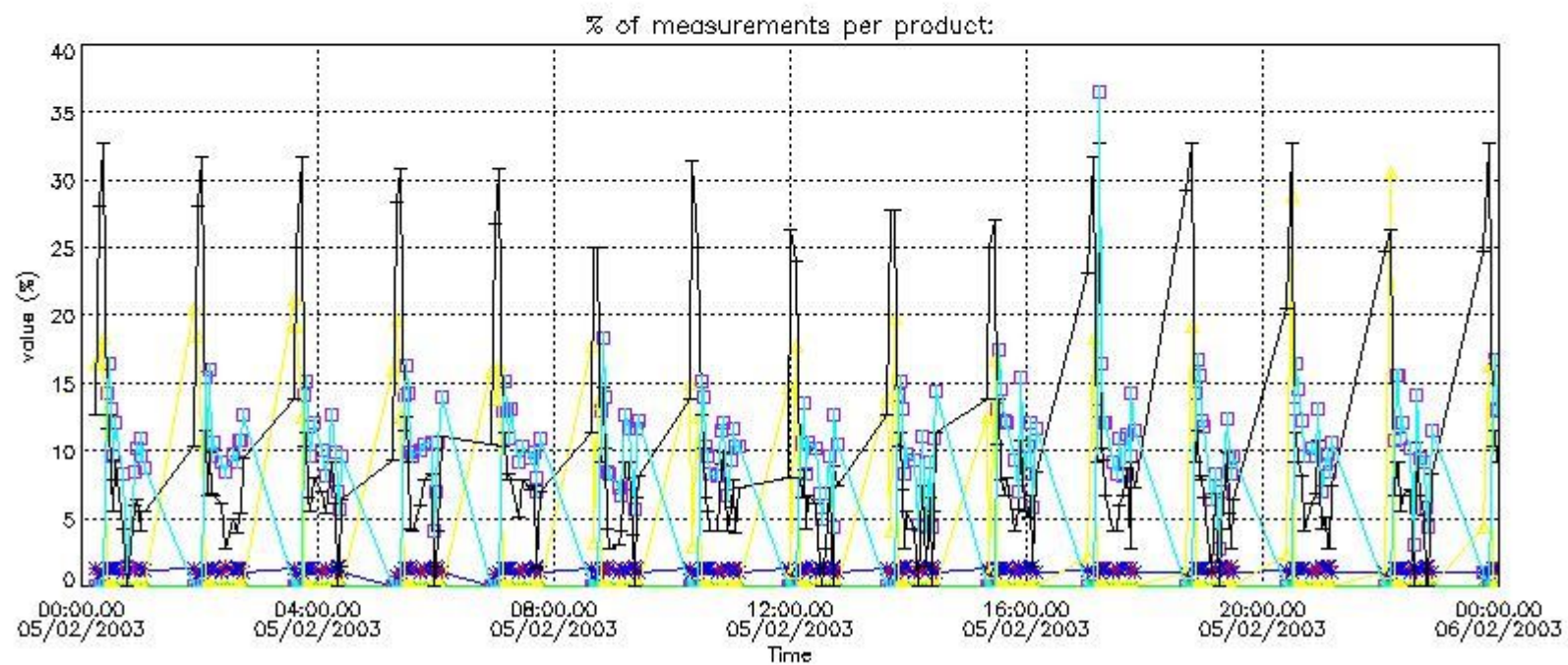
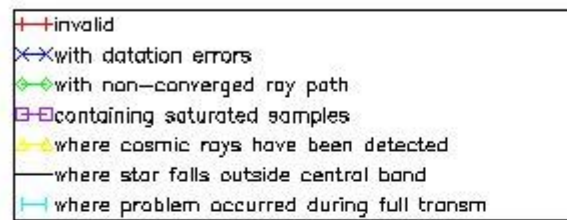
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



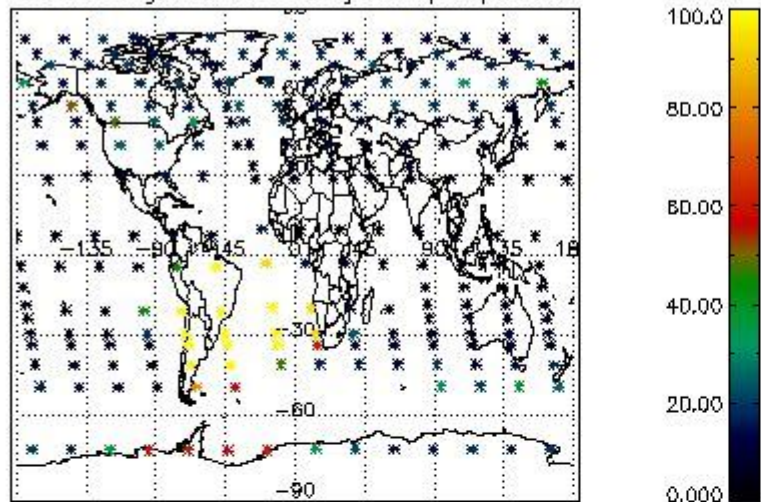
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



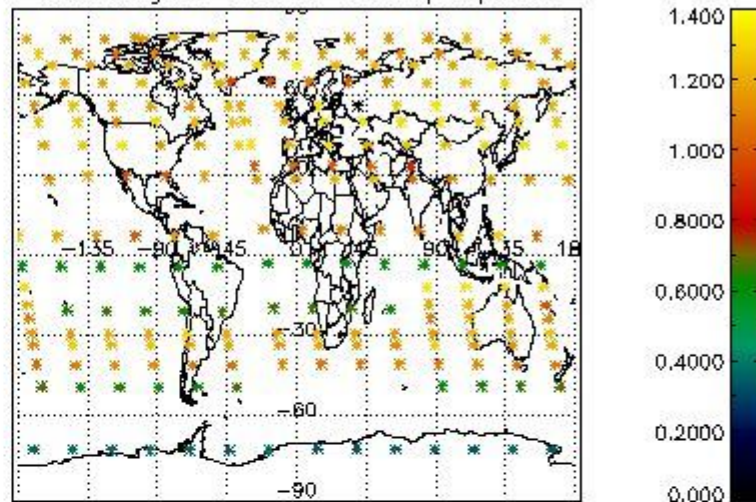
4.2 Plot quality information per product coming from level 1b processing (world map)

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

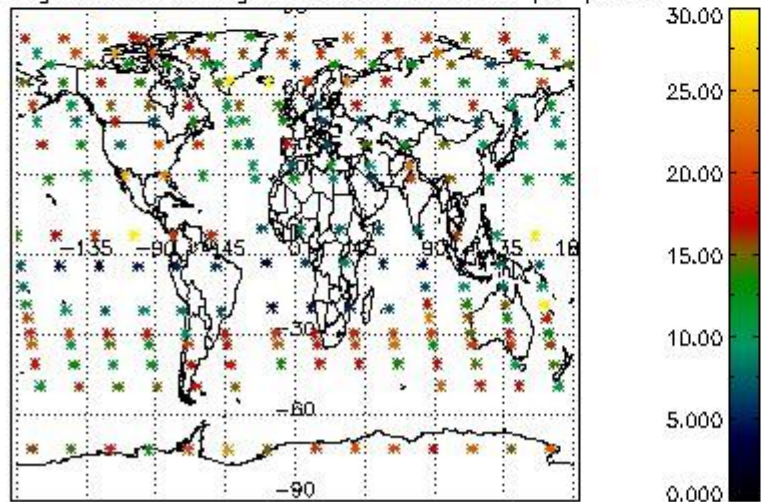
Percentage of cosmic ray hits per profile



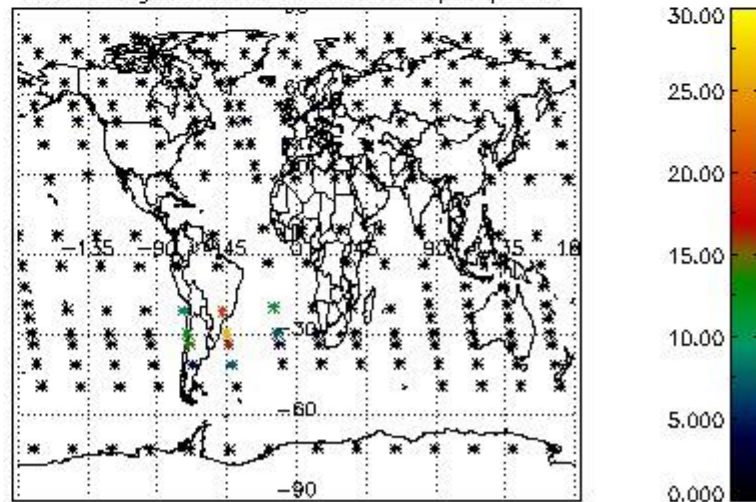
Percentage of datation errors per profile



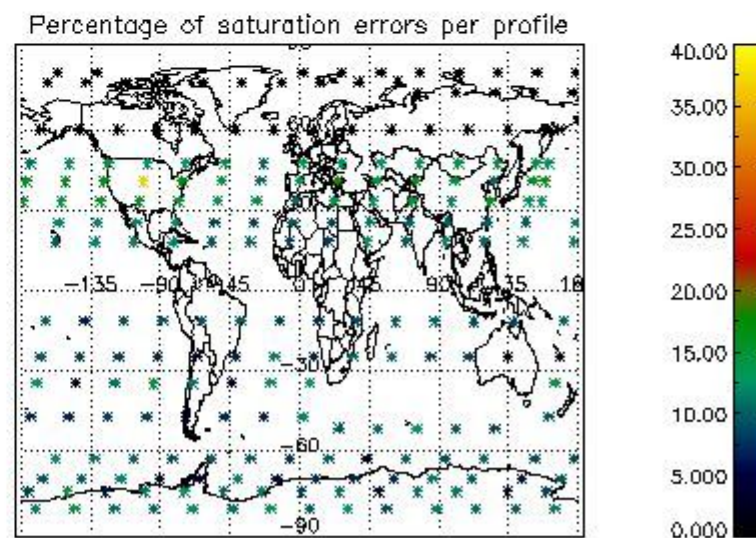
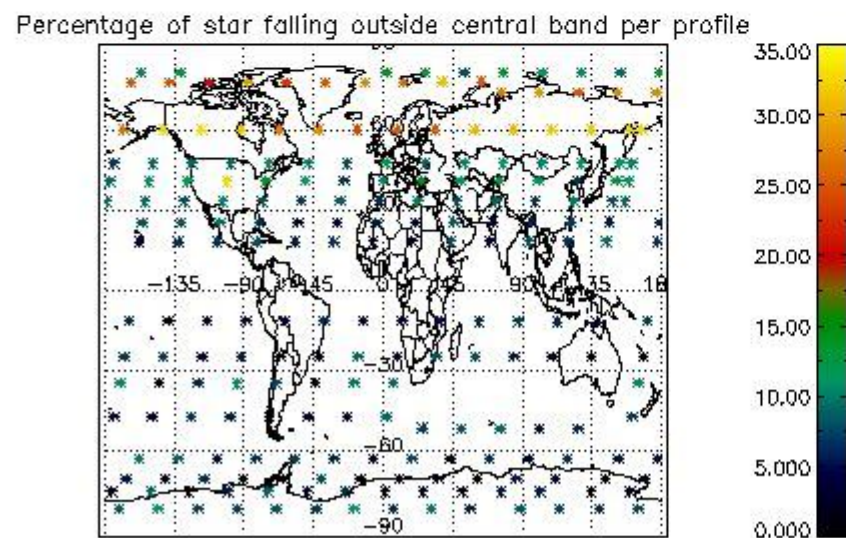
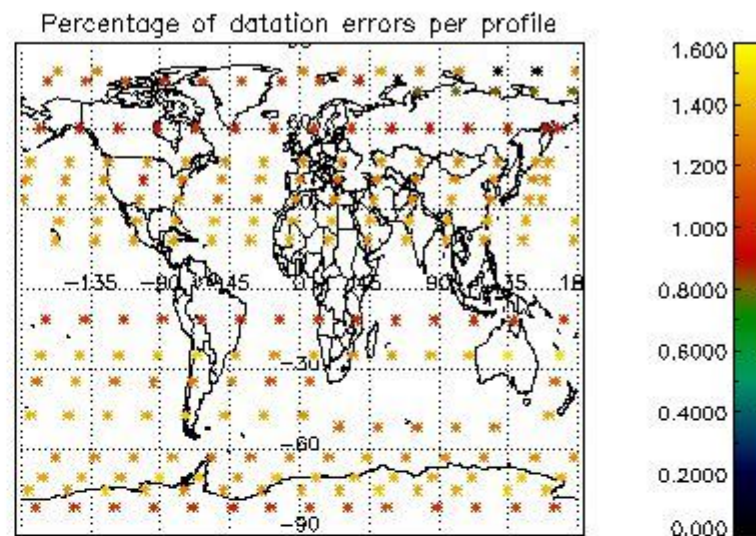
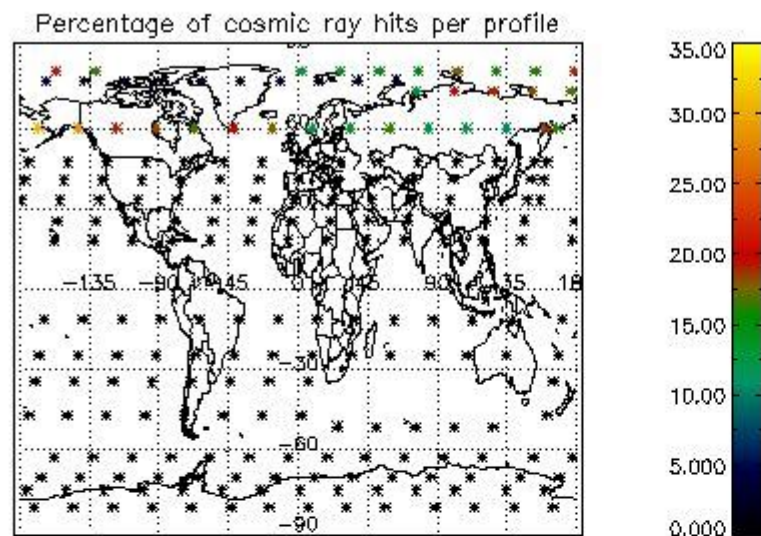
Percentage of star falling outside central band per profile



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

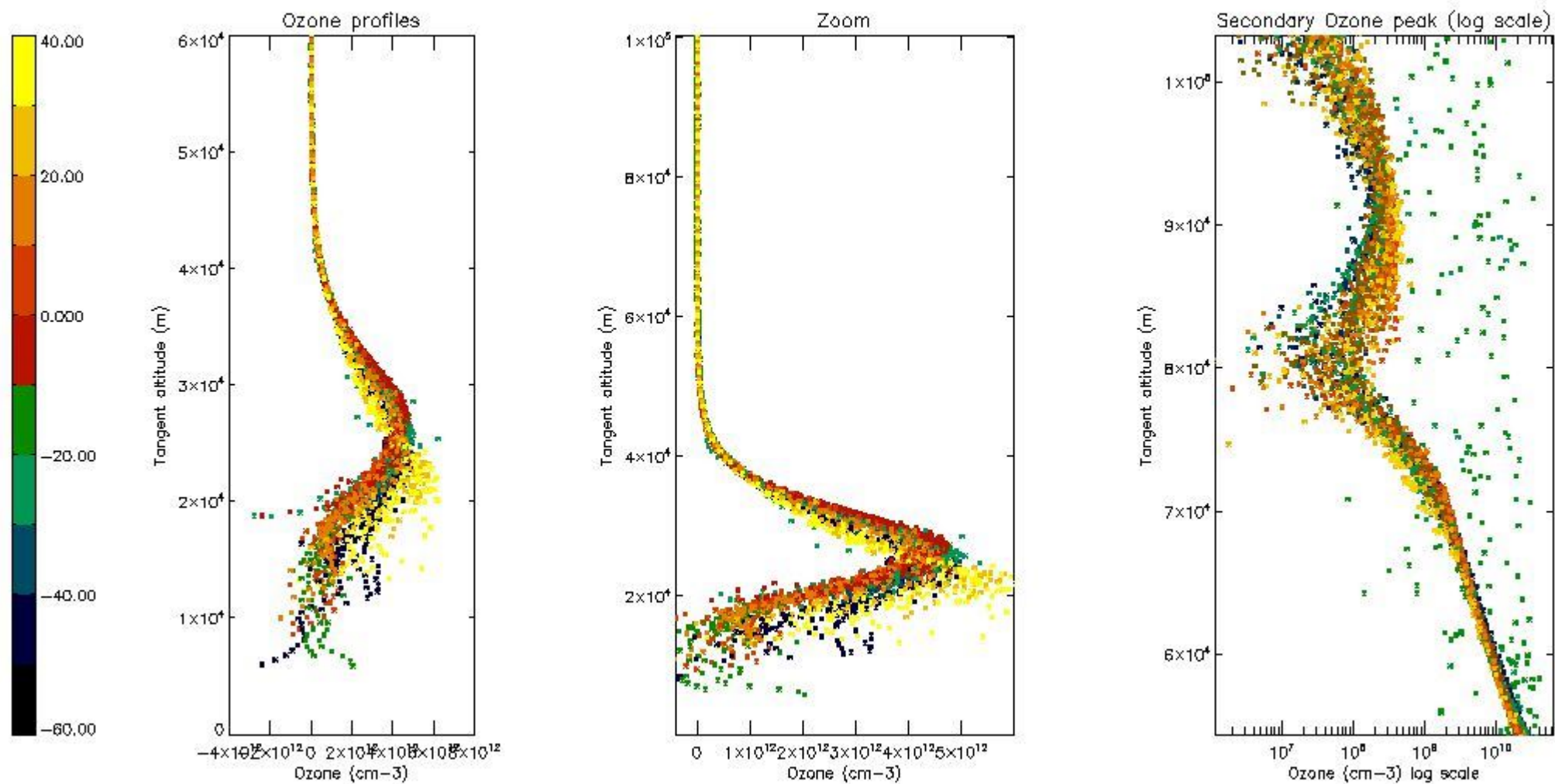
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	27
STD < 20	16

STD < 10	14
STD < 5	11

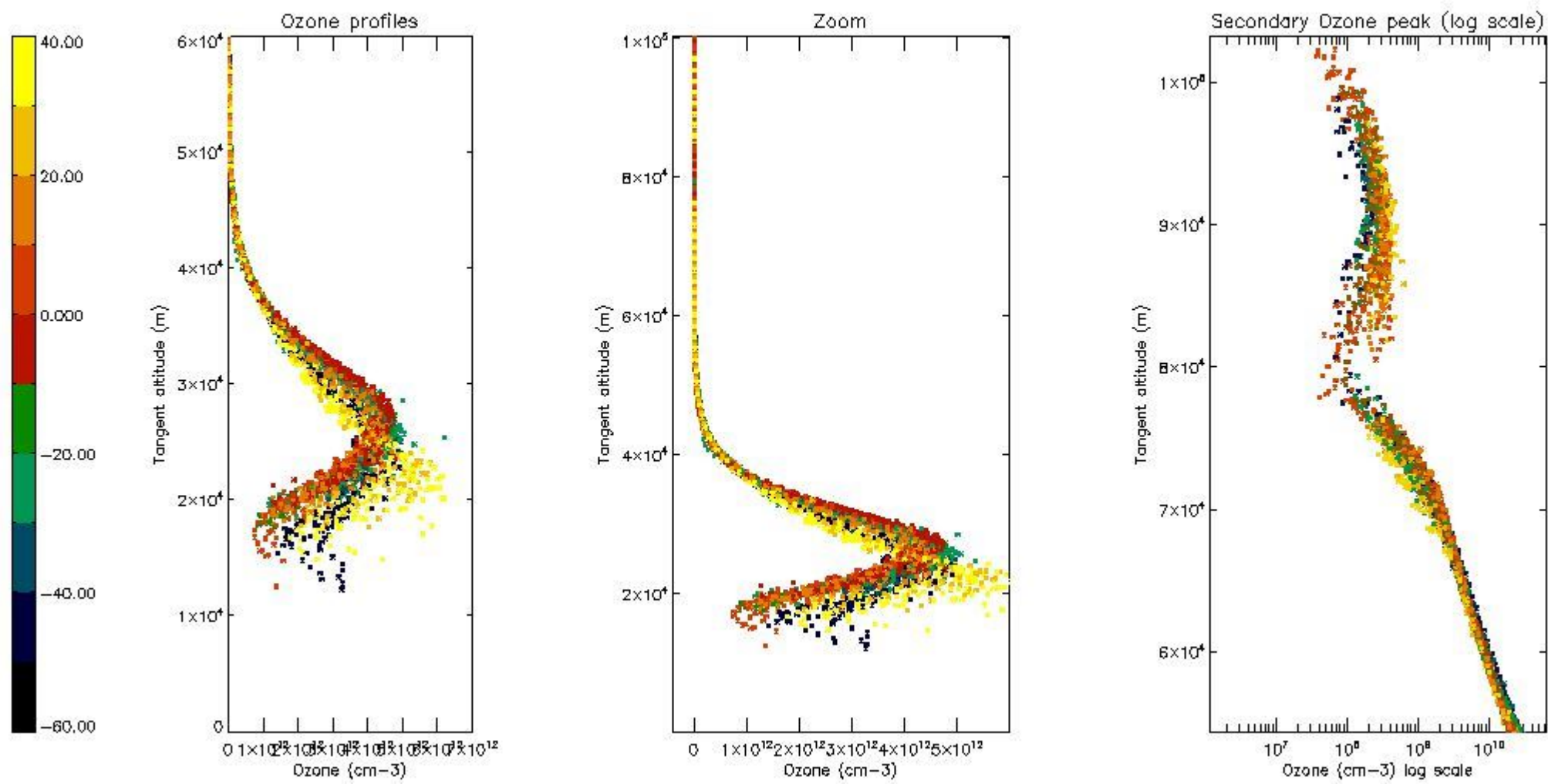
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



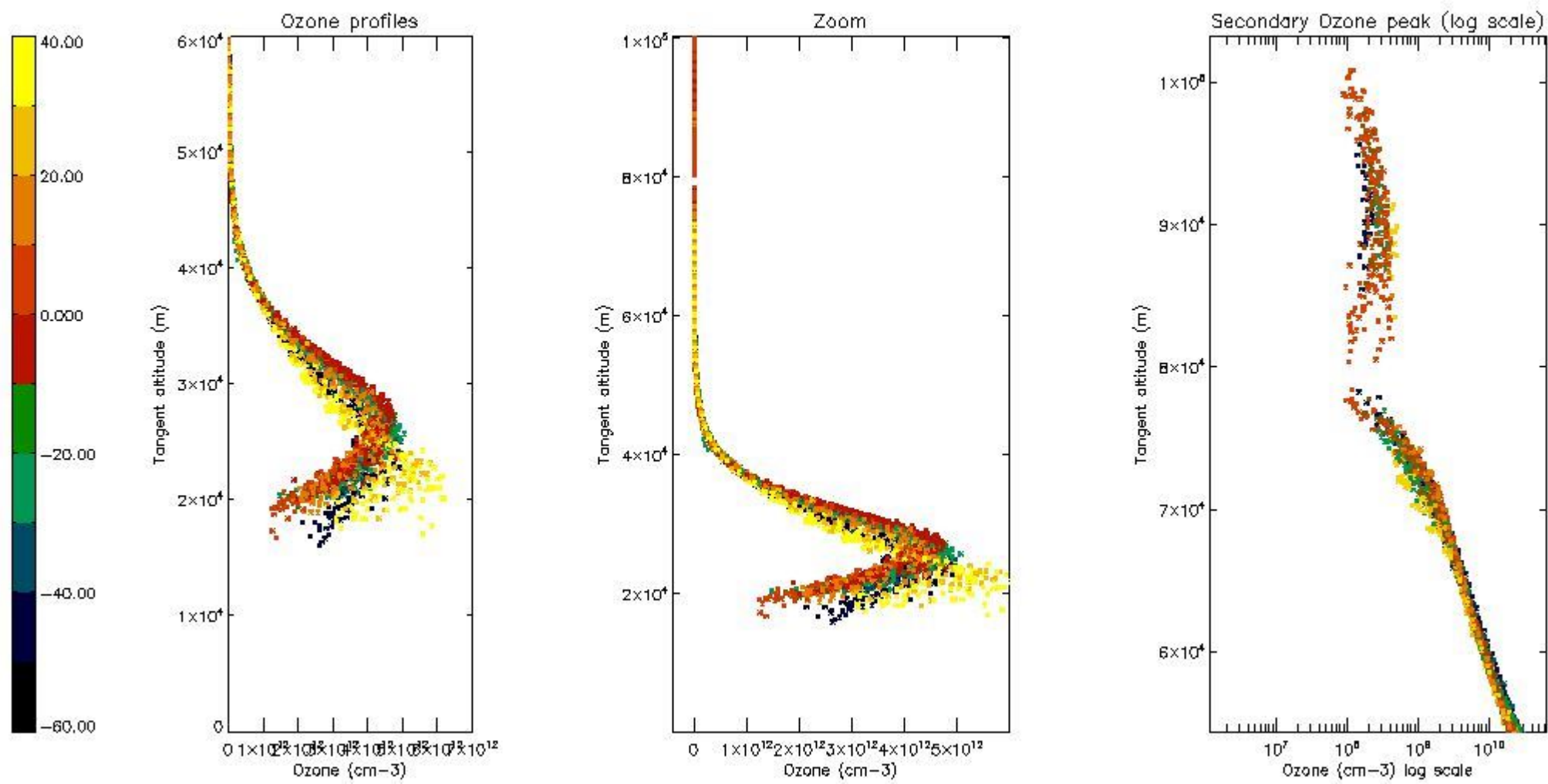
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



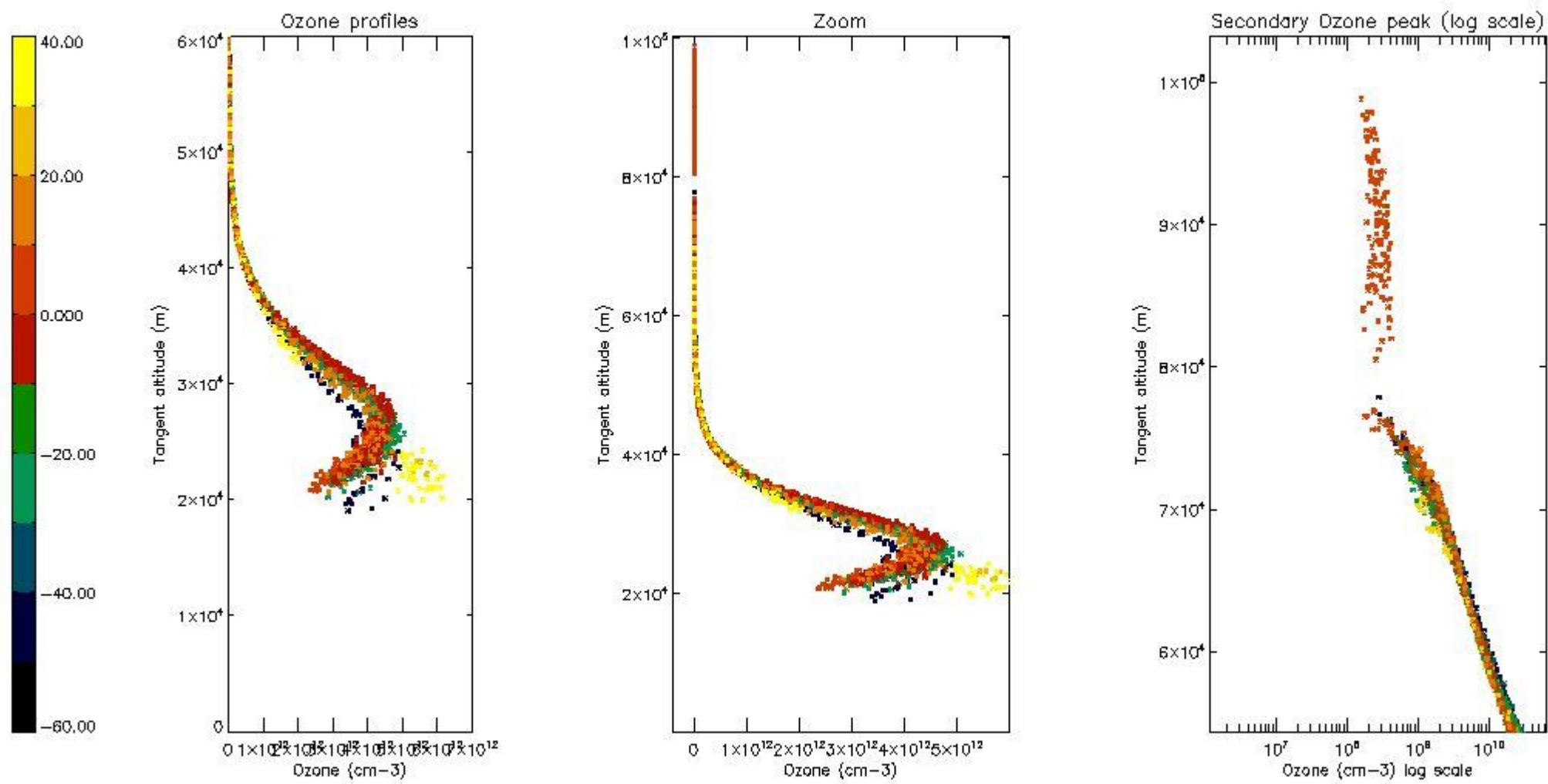
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



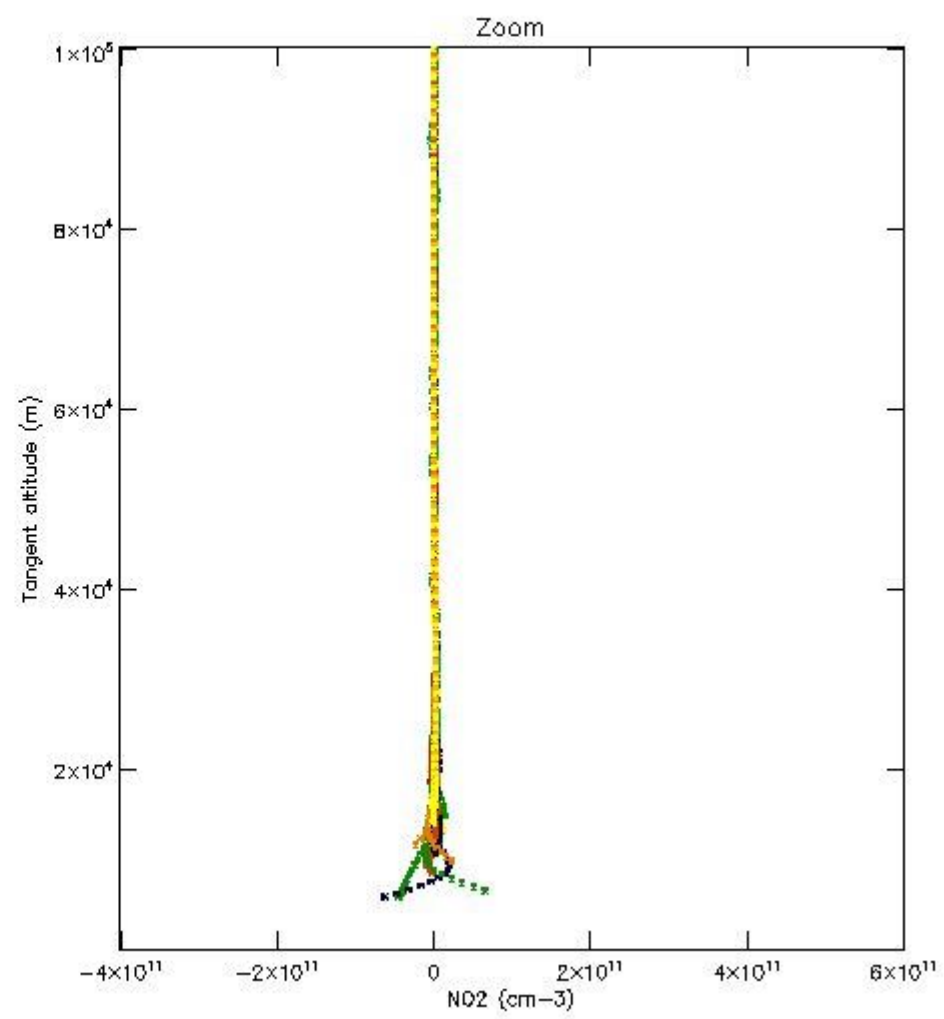
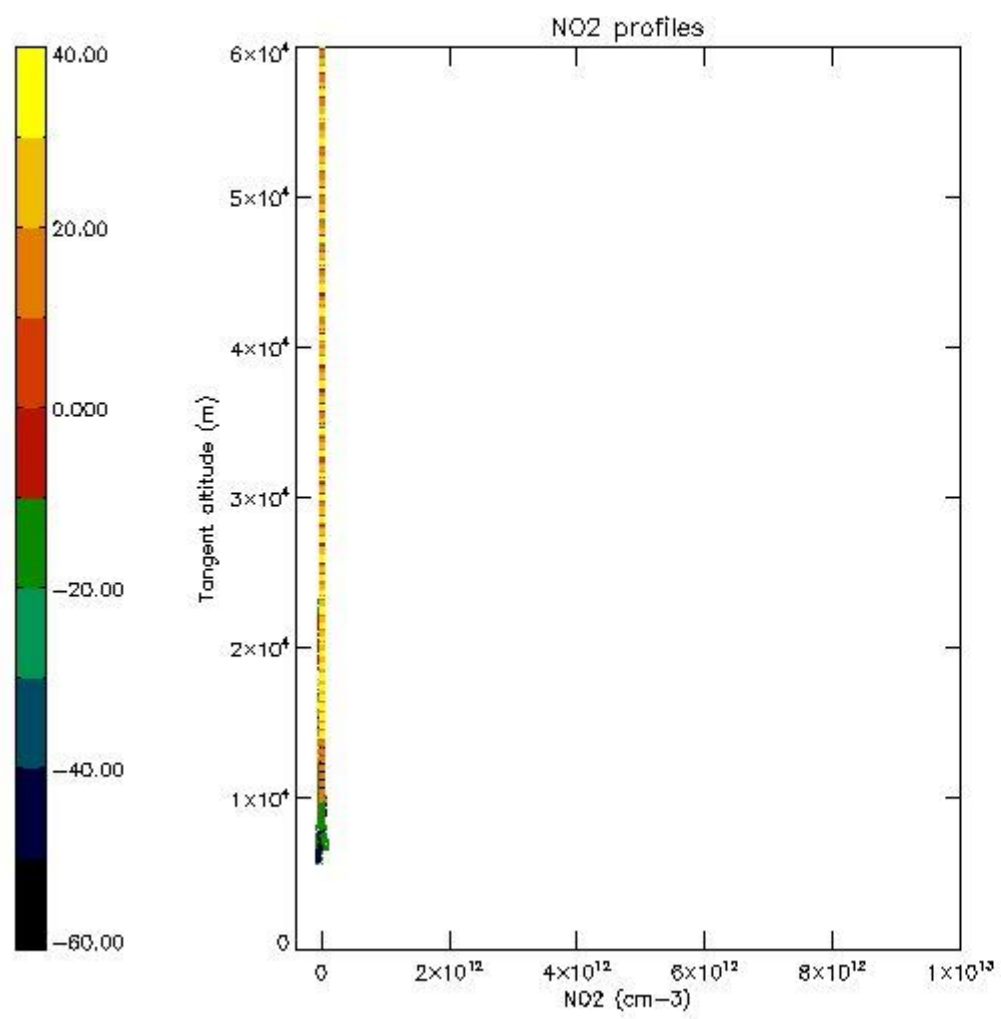
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



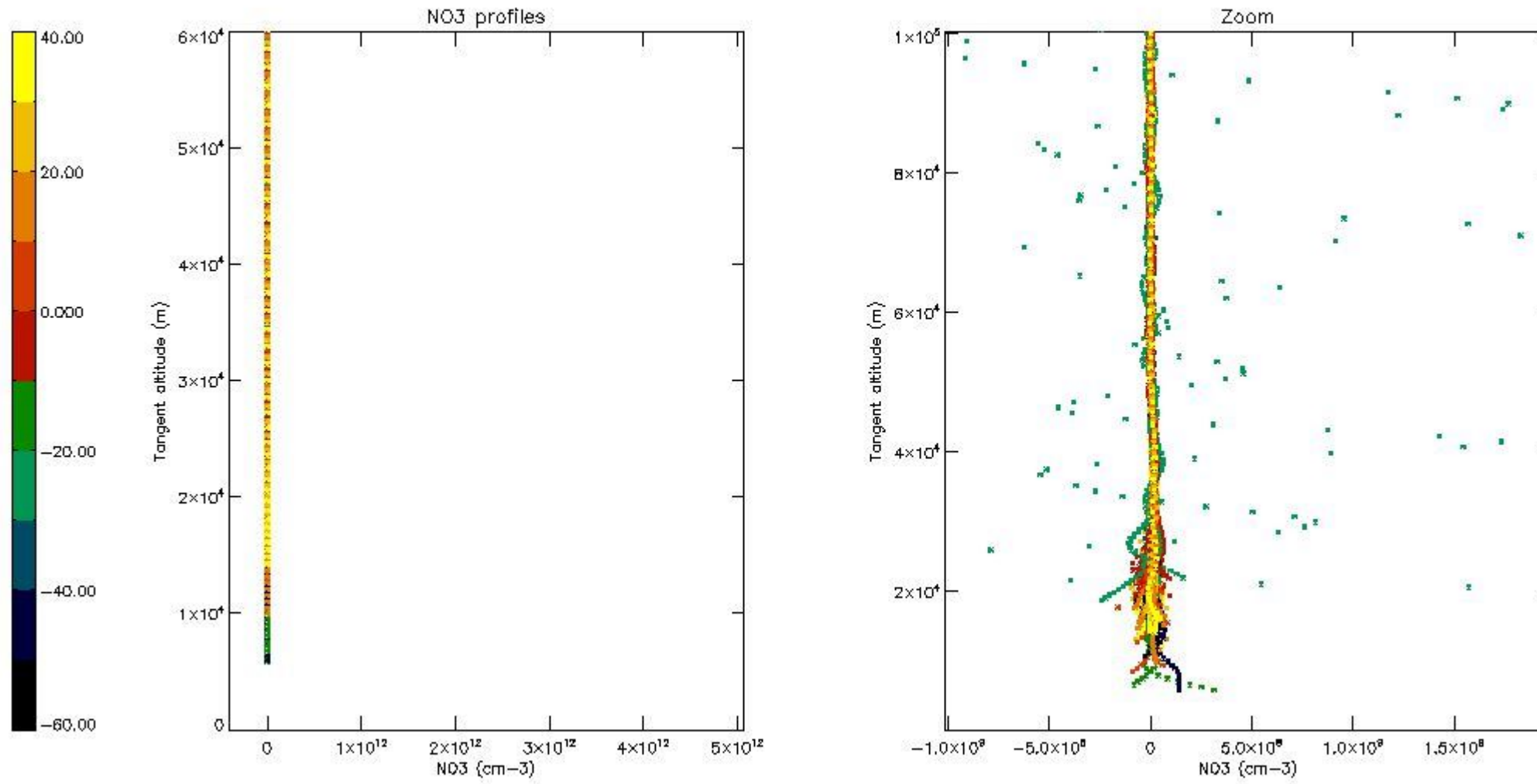
5.6 Plot NO₂ profiles for all STD (dark without errors)

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_AXNIEC20050627_150440_20020301_000000_20100101_000000	1	05-FEB-2003 00:00:18
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	05-FEB-2003 00:00:18
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	05-FEB-2003 00:00:18

GOMOS Level 2 Daily Report

SUMMARY

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

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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](#)

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[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	19APR2013 08:53:37
Data source version	GOMOS/6.01
Start time of products	05-02-2003 (05FEB2003 00:00:00)
Stop time of products	06-02-2003 (06FEB2003 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	462
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__2PRFIN20030205_000018_000000392013_00317_04880_4661.N1	05-FEB-2003 00:00:18	Dark	39.000	29	Bet Car	1.6720	10200.	78	4880	No
2	GOM_NL__2PRFIN20030205_000244_000000402013_00317_04880_4662.N1	05-FEB-2003 00:02:44	Dark	40.000	71	lot Car	2.2460	7700.0	80	4880	No
3	GOM_NL__2PRFIN20030205_000426_000000412013_00317_04880_4663.N1	05-FEB-2003 00:04:26	Dark	40.500	46	Del Vel	1.9540	10600.	81	4880	No
4	GOM_NL__2PRFIN20030205_000656_000000422013_00317_04880_4664.N1	05-FEB-2003 00:06:56	Straylight	41.500	34	Gam2Vel	1.7930	23000.	83	4880	No
5	GOM_NL__2PRFIN20030205_000900_000000412013_00317_04880_4665.N1	05-FEB-2003 00:09:00	Straylight	40.500	70	Zet Pup	2.2460	39000.	81	4880	No
6	GOM_NL__2PRFIN20030205_001020_000000432013_00317_04880_4666.N1	05-FEB-2003 00:10:20	Straylight	43.000	117	Pi Pup	2.7060	3800.0	86	4880	No
7	GOM_NL__2PRFIN20030205_001246_000000442013_00317_04880_4667.N1	05-FEB-2003 00:12:46	Straylight	43.500	23	21Eps CMa	1.5020	26000.	87	4880	No
8	GOM_NL__2PRFIN20030205_001409_000000402013_00317_04880_4668.N1	05-FEB-2003 00:14:09	Straylight	39.500	179	24Omi2CMa	3.0320	24000.	79	4880	No
9	GOM_NL__2PRFIN20030205_001744_000000632013_00317_04880_4669.N1	05-FEB-2003 00:17:44	Straylight	62.500	48	30Alp Hya	1.9770	4100.0	125	4880	No
10	GOM_NL__2PRFIN20030205_002158_000000522013_00317_04880_4670.N1	05-FEB-2003 00:21:58	Twl_and_stray	52.000	8	10Alp CMi	0.40000	6500.0	104	4880	No
11	GOM_NL__2PRFIN20030205_002533_000000392013_00317_04880_4671.N1	05-FEB-2003 00:25:33	Bright	38.500	44	24Gam Gem	1.9280	11000.	77	4880	No
12	GOM_NL__2PRFIN20030205_002725_000000402013_00317_04880_4672.N1	05-FEB-2003 00:27:25	Bright	39.500	151	13Mu Gem	2.8900	3000.0	79	4880	No
13	GOM_NL__2PRFIN20030205_002935_000000382013_00317_04880_4673.N1	05-FEB-2003 00:29:35	Bright	38.000	24	66Alp Gem	1.5800	10200.	76	4880	No
14	GOM_NL__2PRFIN20030205_003145_000000372013_00317_04880_4674.N1	05-FEB-2003 00:31:45	Bright	36.500	107	37The Aur	2.6490	11000.	73	4880	No
15	GOM_NL__2PRFIN20030205_003348_000000382013_00317_04880_4675.N1	05-FEB-2003 00:33:48	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	4880	No
16	GOM_NL__2PRFIN20030205_004214_000000482013_00317_04880_4676.N1	05-FEB-2003 00:42:14	Bright	48.000	82	48Bet UMa	2.3650	10600.	96	4880	No
17	GOM_NL__2PRFIN20030205_004552_000000332013_00317_04880_4677.N1	05-FEB-2003 00:45:52	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	4880	No
18	GOM_NL__2PRFIN20030205_005329_000000422013_00317_04880_4678.N1	05-FEB-2003 00:53:29	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	4880	No
19	GOM_NL__2PRFIN20030205_005649_000000402013_00317_04880_4679.N1	05-FEB-2003 00:56:49	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	4880	No
20	GOM_NL__2PRFIN20030205_005902_000000372013_00317_04880_4680.N1	05-FEB-2003 00:59:02	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	4880	No
21	GOM_NL__2PRFIN20030205_010035_000000372013_00317_04880_4681.N1	05-FEB-2003 01:00:35	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	4880	No
22	GOM_NL__2PRFIN20030205_010338_000000462013_00317_04880_4682.N1	05-FEB-2003 01:03:38	Bright	45.500	133	40Zet Her	2.8070	6000.0	91	4880	No
23	GOM_NL__2PRFIN20030205_010823_000001322013_00317_04880_4683.N1	05-FEB-2003 01:08:23	Twl_and_stray	131.50	83		2.3780	11000.	263	4880	No
24	GOM_NL__2PRFIN20030205_011522_000000762013_00317_04880_4684.N1	05-FEB-2003 01:15:22	Straylight	76.000	102	24Alp Ser	2.6000	4250.0	152	4880	No
25	GOM_NL__2PRFIN20030205_011746_000000482013_00317_04880_4685.N1	05-FEB-2003 01:17:46	Twl_and_stray	47.500	86	35Eta Oph	2.4300	10200.	95	4880	No
26	GOM_NL__2PRFIN20030205_011950_000000432013_00317_04880_4686.N1	05-FEB-2003 01:19:50	Twilight	42.500	116	19Del Sgr	2.7000	4100.0	85	4880	No
27	GOM_NL__2PRFIN20030205_012101_000000422013_00317_04880_4687.N1	05-FEB-2003 01:21:01	Twilight	42.000	38	20Eps Sgr	1.8360	11000.	84	4880	No
28	GOM_NL__2PRFIN20030205_012323_000000762013_00317_04880_4688.N1	05-FEB-2003 01:23:23	Dark	76.000	104	27Bet Lib	2.6140	13100.	152	4880	No
29	GOM_NL__2PRFIN20030205_012802_000000812013_00317_04880_4689.N1	05-FEB-2003 01:28:02	Dark	80.500	122	9Alp2Lib	2.7470	9700.0	161	4880	No
30	GOM_NL__2PRFIN20030205_013120_000000432013_00318_04881_5305.N1	05-FEB-2003 01:31:20	Dark	42.500	43	Alp TrA	1.9100	4250.0	85	4881	No
31	GOM_NL__2PRFIN20030205_013738_000000432013_00318_04881_5306.N1	05-FEB-2003 01:37:38	Dark	42.500	12	Alp1Cru	0.77500	30000.	85	4881	No
32	GOM_NL__2PRFIN20030205_014054_000000432013_00318_04881_5307.N1	05-FEB-2003 01:40:54	Dark	42.500	29	Bet Car	1.6720	10200.	85	4881	No
33	GOM_NL__2PRFIN20030205_014320_000000412013_00318_04881_5308.N1	05-FEB-2003 01:43:20	Dark	40.500	71	lot Car	2.2460	7700.0	81	4881	No
34	GOM_NL__2PRFIN20030205_014503_000000442013_00318_04881_5309.N1	05-FEB-2003 01:45:03	Dark	43.500	46	Del Vel	1.9540	10600.	87	4881	No
35	GOM_NL__2PRFIN20030205_014732_000000392013_00318_04881_5310.N1	05-FEB-2003 01:47:32	Straylight	38.500	34	Gam2Vel	1.7930	23000.	77	4881	No
36	GOM_NL__2PRFIN20030205_014936_000000422013_00318_04881_5311.N1	05-FEB-2003 01:49:36	Straylight	42.000	70	Zet Pup	2.2460	39000.	84	4881	No
37	GOM_NL__2PRFIN20030205_015056_000000442013_00318_04881_5312.N1	05-FEB-2003 01:50:56	Straylight	44.000	117	Pi Pup	2.7060	3800.0	88	4881	No
38	GOM_NL__2PRFIN20030205_015322_000000452013_00318_04881_5313.N1	05-FEB-2003 01:53:22	Straylight	44.500	23	21Eps CMa	1.5020	26000.	89	4881	No
39	GOM_NL__2PRFIN20030205_015445_000000392013_00318_04881_5314.N1	05-FEB-2003 01:54:45	Straylight	39.000	179	24Omi2CMa	3.0320	24000.	78	4881	No
40	GOM_NL__2PRFIN20030205_015820_000000632013_00318_04881_5315.N1	05-FEB-2003 01:58:20	Straylight	62.500	48	30Alp Hya	1.9770	4100.0	125	4881	No
41	GOM_NL__2PRFIN20030205_020234_000000522013_00318_04881_5316.N1	05-FEB-2003 02:02:34	Twl_and_stray	52.000	8	10Alp CMi	0.40000	6500.0	104	4881	No
42	GOM_NL__2PRFIN20030205_020609_000000392013_00318_04881_5317.N1	05-FEB-2003 02:06:09	Bright	39.000	44	24Gam Gem	1.9280	11000.	78	4881	No

43	GOM_NL__2PRFIN20030205_020801_000000382013_00318_04881_5318.N1	05-FEB-2003 02:08:01	Bright	37.500	151	13Mu Gem	2.8900	3000.0	75	4881	No
44	GOM_NL__2PRFIN20030205_021010_000000412013_00318_04881_5319.N1	05-FEB-2003 02:10:10	Bright	40.500	24	66Alp Gem	1.5800	10200.	81	4881	No
45	GOM_NL__2PRFIN20030205_021222_000000372013_00318_04881_5320.N1	05-FEB-2003 02:12:22	Bright	36.500	107	37The Aur	2.6490	11000.	73	4881	No
46	GOM_NL__2PRFIN20030205_021424_000000382013_00318_04881_5321.N1	05-FEB-2003 02:14:24	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	4881	No
47	GOM_NL__2PRFIN20030205_022248_000000502013_00318_04881_5322.N1	05-FEB-2003 02:22:48	Bright	49.500	82	48Bet UMa	2.3650	10600.	99	4881	No
48	GOM_NL__2PRFIN20030205_022627_000000362013_00318_04881_5323.N1	05-FEB-2003 02:26:27	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	4881	No
49	GOM_NL__2PRFIN20030205_023405_000000412013_00318_04881_5324.N1	05-FEB-2003 02:34:05	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	4881	No
50	GOM_NL__2PRFIN20030205_023724_000000392013_00318_04881_5325.N1	05-FEB-2003 02:37:24	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	4881	No
51	GOM_NL__2PRFIN20030205_023938_000000372013_00318_04881_5326.N1	05-FEB-2003 02:39:38	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	4881	No
52	GOM_NL__2PRFIN20030205_024111_000000372013_00318_04881_5327.N1	05-FEB-2003 02:41:11	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	4881	No
53	GOM_NL__2PRFIN20030205_024414_000000482013_00318_04881_5328.N1	05-FEB-2003 02:44:14	Bright	47.500	133	40Zet Her	2.8070	6000.0	95	4881	No
54	GOM_NL__2PRFIN20030205_024900_000001472013_00318_04881_5329.N1	05-FEB-2003 02:49:00	Twilight	147.00	83		2.3780	11000.	294	4881	No
55	GOM_NL__2PRFIN20030205_025558_000000792013_00318_04881_5330.N1	05-FEB-2003 02:55:58	Straylight	79.000	102	24Alp Ser	2.6000	4250.0	158	4881	No
56	GOM_NL__2PRFIN20030205_025823_000000472013_00318_04881_5331.N1	05-FEB-2003 02:58:23	Twilight	46.500	86	35Eta Oph	2.4300	10200.	93	4881	No
57	GOM_NL__2PRFIN20030205_030026_000000432013_00318_04881_5332.N1	05-FEB-2003 03:00:26	Twilight	43.000	116	19Del Sgr	2.7000	4100.0	86	4881	No
58	GOM_NL__2PRFIN20030205_030137_000000392013_00318_04881_5333.N1	05-FEB-2003 03:01:37	Twilight	38.500	38	20Eps Sgr	1.8360	11000.	77	4881	No
59	GOM_NL__2PRFIN20030205_030401_000000782013_00318_04881_5334.N1	05-FEB-2003 03:04:01	Dark	78.000	104	27Bet Lib	2.6140	13100.	156	4881	No
60	GOM_NL__2PRFIN20030205_030841_000000812013_00318_04881_5335.N1	05-FEB-2003 03:08:41	Dark	80.500	122	9Alp2Lib	2.7470	9700.0	161	4881	No
61	GOM_NL__2PRFIN20030205_031156_000000432013_00319_04882_5305.N1	05-FEB-2003 03:11:56	Dark	42.500	43	Alp TrA	1.9100	4250.0	85	4882	No
62	GOM_NL__2PRFIN20030205_031815_000000502013_00319_04882_5306.N1	05-FEB-2003 03:18:15	Dark	49.500	12	Alp1Cru	0.77500	30000.	99	4882	No
63	GOM_NL__2PRFIN20030205_032130_000000442013_00319_04882_5307.N1	05-FEB-2003 03:21:30	Dark	43.500	29	Bet Car	1.6720	10200.	87	4882	No
64	GOM_NL__2PRFIN20030205_032356_000000392013_00319_04882_5308.N1	05-FEB-2003 03:23:56	Dark	38.500	71	lot Car	2.2460	7700.0	77	4882	No
65	GOM_NL__2PRFIN20030205_032539_000000432013_00319_04882_5309.N1	05-FEB-2003 03:25:39	Dark	42.500	46	Del Vel	1.9540	10600.	85	4882	No
66	GOM_NL__2PRFIN20030205_032808_000000412013_00319_04882_5310.N1	05-FEB-2003 03:28:08	Straylight	40.500	34	Gam2Vel	1.7930	23000.	81	4882	No
67	GOM_NL__2PRFIN20030205_033012_000000422013_00319_04882_5311.N1	05-FEB-2003 03:30:12	Straylight	41.500	70	Zet Pup	2.2460	39000.	83	4882	No
68	GOM_NL__2PRFIN20030205_033132_000000472013_00319_04882_5312.N1	05-FEB-2003 03:31:32	Straylight	47.000	117	Pi Pup	2.7060	3800.0	94	4882	No
69	GOM_NL__2PRFIN20030205_033358_000000442013_00319_04882_5313.N1	05-FEB-2003 03:33:58	Straylight	43.500	23	21Eps CMa	1.5020	26000.	87	4882	No
70	GOM_NL__2PRFIN20030205_033521_000000402013_00319_04882_5314.N1	05-FEB-2003 03:35:21	Straylight	40.000	179	24Omi2CMa	3.0320	24000.	80	4882	No
71	GOM_NL__2PRFIN20030205_033856_000000602013_00319_04882_5315.N1	05-FEB-2003 03:38:56	Straylight	60.000	48	30Alp Hya	1.9770	4100.0	120	4882	No
72	GOM_NL__2PRFIN20030205_034310_000000522013_00319_04882_5316.N1	05-FEB-2003 03:43:10	Twilight	52.000	8	10Alp CMi	0.40000	6500.0	104	4882	No
73	GOM_NL__2PRFIN20030205_034645_000000392013_00319_04882_5317.N1	05-FEB-2003 03:46:45	Bright	39.000	44	24Gam Gem	1.9280	11000.	78	4882	No
74	GOM_NL__2PRFIN20030205_034837_000000402013_00319_04882_5318.N1	05-FEB-2003 03:48:37	Bright	39.500	151	13Mu Gem	2.8900	3000.0	79	4882	No
75	GOM_NL__2PRFIN20030205_035046_000000382013_00319_04882_5319.N1	05-FEB-2003 03:50:46	Bright	38.000	24	66Alp Gem	1.5800	10200.	76	4882	No
76	GOM_NL__2PRFIN20030205_035258_000000372013_00319_04882_5320.N1	05-FEB-2003 03:52:58	Bright	36.500	107	37The Aur	2.6490	11000.	73	4882	No
77	GOM_NL__2PRFIN20030205_035501_000000382013_00319_04882_5321.N1	05-FEB-2003 03:55:01	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	4882	No
78	GOM_NL__2PRFIN20030205_040323_000000502013_00319_04882_5322.N1	05-FEB-2003 04:03:23	Bright	50.000	82	48Bet UMa	2.3650	10600.	100	4882	No
79	GOM_NL__2PRFIN20030205_040703_000000372013_00319_04882_5323.N1	05-FEB-2003 04:07:03	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	4882	No
80	GOM_NL__2PRFIN20030205_041440_000000442013_00319_04882_5324.N1	05-FEB-2003 04:14:40	Bright	43.500	119	14Eta Dra	2.7270	4700.0	87	4882	No
81	GOM_NL__2PRFIN20030205_041759_000000412013_00319_04882_5325.N1	05-FEB-2003 04:17:59	Bright	40.500	130	23Bet Dra	2.7990	5800.0	81	4882	No
82	GOM_NL__2PRFIN20030205_042014_000000362013_00319_04882_5326.N1	05-FEB-2003 04:20:14	Bright	35.500	66	37Gam Cyg	2.2080	5900.0	71	4882	No
83	GOM_NL__2PRFIN20030205_042147_000000352013_00319_04882_5327.N1	05-FEB-2003 04:21:47	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	4882	No
84	GOM_NL__2PRFIN20030205_042449_000000472013_00319_04882_5328.N1	05-FEB-2003 04:24:49	Bright	47.000	133	40Zet Her	2.8070	6000.0	94	4882	No
85	GOM_NL__2PRFIN20030205_042937_000001422013_00319_04882_5329.N1	05-FEB-2003 04:29:37	Twilight	141.50	83		2.3780	11000.	283	4882	No
86	GOM_NL__2PRFIN20030205_043634_000000802013_00319_04882_5330.N1	05-FEB-2003 04:36:34	Straylight	79.500	102	24Alp Ser	2.6000	4250.0	159	4882	No
87	GOM_NL__2PRFIN20030205_043859_000000452013_00319_04882_5331.N1	05-FEB-2003 04:38:59	Twilight	44.500	86	35Eta Oph	2.4300	10200.	89	4882	No
88	GOM_NL__2PRFIN20030205_044102_000000402013_00319_04882_5332.N1	05-FEB-2003 04:41:02	Twilight	40.000	116	19Del Sgr	2.7000	4100.0	80	4882	No
89	GOM_NL__2PRFIN20030205_044214_000000422013_00319_04882_5333.N1	05-FEB-2003 04:42:14	Twilight	42.000	38	20Eps Sgr	1.8360	11000.	84	4882	No
90	GOM_NL__2PRFIN20030205_044439_000000792013_00319_04882_5334.N1	05-FEB-2003 04:44:39	Dark	78.500	104	27Bet Lib	2.6140	13100.	157	4882	No
91	GOM_NL__2PRFIN20030205_044918_000000822013_00319_04882_5335.N1	05-FEB-2003 04:49:18	Dark	81.500	122	9Alp2Lib	2.7470	9700.0	163	4882	No
92	GOM_NL__2PRFIN20030205_045232_000000502013_00320_04883_5305.N1	05-FEB-2003 04:52:32	Dark	49.500	43	Alp TrA	1.9100	4250.0	99	4883	No
93	GOM_NL__2PRFIN20030205_045851_000000512013_00320_04883_5306.N1	05-FEB-2003 04:58:51	Dark	50.500	12	Alp1Cru	0.77500	30000.	101	4883	No
94	GOM_NL__2PRFIN20030205_050206_000000382013_00320_04883_5307.N1	05-FEB-2003 05:02:06	Dark	37.500	29	Bet Car	1.6720	10200.	75	4883	No
95	GOM_NL__2PRFIN20030205_050432_000000442013_00320_04883_5308.N1	05-FEB-2003 05:04:32	Dark	44.000	71	lot Car	2.2460	7700.0	88	4883	No
96	GOM_NL__2PRFIN20030205_050615_000000432013_00320_04883_5309.N1	05-FEB-2003 05:06:15	Dark	42.500	46	Del Vel	1.9540	10600.	85	4883	No
97	GOM_NL__2PRFIN20030205_050845_000000432013_00320_04883_5310.N1	05-FEB-2003 05:08:45	Straylight	42.500	34	Gam2Vel	1.7930	23000.	85	4883	No
98	GOM_NL__2PRFIN20030205_051048_000000432013_00320_04883_5311.N1	05-FEB-2003 05:10:48	Straylight	42.500	70	Zet Pup	2.2460	39000.	85	4883	No
99	GOM_NL__2PRFIN20030205_051208_000000442013_00320_04883_5312.N1	05-FEB-2003 05:12:08	Straylight	44.000	117	Pi Pup	2.7060	3800.0	88	4883	No
100	GOM_NL__2PRFIN20030205_051435_000000422013_00320_04883_5313.N1	05-FEB-2003 05:14:35	Straylight	42.000	23	21Eps CMa	1.5020	26000.	84	4883	No
101	GOM_NL__2PRFIN20030205_051558_000000382013_00320_04883_5314.N1	05-FEB-2003 05:15:58	Straylight	37.500	179	24Omi2CMa	3.0320	24000.	75	4883	No

102	GOM_NL__2PRFIN20030205_051931_000000642013_00320_04883_5315.N1	05-FEB-2003 05:19:31	Straylight	63.500	48	30Alp Hya	1.9770	4100.0	127	4883	No
103	GOM_NL__2PRFIN20030205_052345_000000522013_00320_04883_5316.N1	05-FEB-2003 05:23:45	Twl_and_stray	52.000	8	10Alp CMi	0.40000	6500.0	104	4883	No
104	GOM_NL__2PRFIN20030205_052721_000000392013_00320_04883_5317.N1	05-FEB-2003 05:27:21	Bright	39.000	44	24Gam Gem	1.9280	11000.	78	4883	No
105	GOM_NL__2PRFIN20030205_052913_000000402013_00320_04883_5318.N1	05-FEB-2003 05:29:13	Bright	40.000	151	13Mu Gem	2.8900	3000.0	80	4883	No
106	GOM_NL__2PRFIN20030205_053122_000000392013_00320_04883_5319.N1	05-FEB-2003 05:31:22	Bright	38.500	24	66Alp Gem	1.5800	10200.	77	4883	No
107	GOM_NL__2PRFIN20030205_053334_000000362013_00320_04883_5320.N1	05-FEB-2003 05:33:34	Bright	35.500	107	37The Aur	2.6490	11000.	71	4883	No
108	GOM_NL__2PRFIN20030205_053537_000000372013_00320_04883_5321.N1	05-FEB-2003 05:35:37	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	4883	No
109	GOM_NL__2PRFIN20030205_054358_000000502013_00320_04883_5322.N1	05-FEB-2003 05:43:58	Bright	50.000	82	48Bet UMa	2.3650	10600.	100	4883	No
110	GOM_NL__2PRFIN20030205_054739_000000382013_00320_04883_5323.N1	05-FEB-2003 05:47:39	Bright	38.000	49	1Alp UMi	1.9900	6300.0	76	4883	No
111	GOM_NL__2PRFIN20030205_055516_000000432013_00320_04883_5324.N1	05-FEB-2003 05:55:16	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	4883	No
112	GOM_NL__2PRFIN20030205_055836_000000372013_00320_04883_5325.N1	05-FEB-2003 05:58:36	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	4883	No
113	GOM_NL__2PRFIN20030205_060050_000000362013_00320_04883_5326.N1	05-FEB-2003 06:00:50	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	4883	No
114	GOM_NL__2PRFIN20030205_060223_000000382013_00320_04883_5327.N1	05-FEB-2003 06:02:23	Bright	37.500	5	3Alp Lyr	0.033000	11000.	75	4883	No
115	GOM_NL__2PRFIN20030205_060524_000000502013_00320_04883_5328.N1	05-FEB-2003 06:05:24	Bright	50.000	133	40Zet Her	2.8070	6000.0	100	4883	No
116	GOM_NL__2PRFIN20030205_061014_000001302013_00320_04883_5329.N1	05-FEB-2003 06:10:14	Twl_and_stray	130.00	83		2.3780	11000.	260	4883	No
117	GOM_NL__2PRFIN20030205_061711_000000782013_00320_04883_5330.N1	05-FEB-2003 06:17:11	Straylight	78.000	102	24Alp Ser	2.6000	4250.0	156	4883	No
118	GOM_NL__2PRFIN20030205_061935_000000452013_00320_04883_5331.N1	05-FEB-2003 06:19:35	Twl_and_stray	44.500	86	35Eta Oph	2.4300	10200.	89	4883	No
119	GOM_NL__2PRFIN20030205_062138_000000412013_00320_04883_5332.N1	05-FEB-2003 06:21:38	Twilight	41.000	116	19Del Sgr	2.7000	4100.0	82	4883	No
120	GOM_NL__2PRFIN20030205_062250_000000422013_00320_04883_5333.N1	05-FEB-2003 06:22:50	Twilight	41.500	38	20Eps Sgr	1.8360	11000.	83	4883	No
121	GOM_NL__2PRFIN20030205_062517_000000772013_00320_04883_5334.N1	05-FEB-2003 06:25:17	Dark	77.000	104	27Bet Lib	2.6140	13100.	154	4883	No
122	GOM_NL__2PRFIN20030205_062956_000000812013_00320_04883_5335.N1	05-FEB-2003 06:29:56	Dark	81.000	122	9Alp2Lib	2.7470	9700.0	162	4883	No
123	GOM_NL__2PRFIN20030205_063308_000000442013_00321_04884_5520.N1	05-FEB-2003 06:33:08	Dark	43.500	43	Alp TrA	1.9100	4250.0	87	4884	No
124	GOM_NL__2PRFIN20030205_063928_000000432013_00321_04884_5521.N1	05-FEB-2003 06:39:28	Dark	42.500	12	Alp1Cru	0.77500	30000.	85	4884	No
125	GOM_NL__2PRFIN20030205_064242_000000402013_00321_04884_5522.N1	05-FEB-2003 06:42:42	Dark	39.500	29	Bet Car	1.6720	10200.	79	4884	No
126	GOM_NL__2PRFIN20030205_064508_000000392013_00321_04884_5523.N1	05-FEB-2003 06:45:08	Dark	39.000	71	lot Car	2.2460	7700.0	78	4884	No
127	GOM_NL__2PRFIN20030205_064651_000000402013_00321_04884_5524.N1	05-FEB-2003 06:46:51	Dark	40.000	46	Del Vel	1.9540	10600.	80	4884	No
128	GOM_NL__2PRFIN20030205_064921_000000412013_00321_04884_5525.N1	05-FEB-2003 06:49:21	Straylight	40.500	34	Gam2Vel	1.7930	23000.	81	4884	No
129	GOM_NL__2PRFIN20030205_065124_000000412013_00321_04884_5526.N1	05-FEB-2003 06:51:24	Straylight	40.500	70	Zet Pup	2.2460	39000.	81	4884	No
130	GOM_NL__2PRFIN20030205_065245_000000392013_00321_04884_5527.N1	05-FEB-2003 06:52:45	Straylight	39.000	117	Pi Pup	2.7060	3800.0	78	4884	No
131	GOM_NL__2PRFIN20030205_065511_000000392013_00321_04884_5528.N1	05-FEB-2003 06:55:11	Straylight	39.000	23	21Eps CMa	1.5020	26000.	78	4884	No
132	GOM_NL__2PRFIN20030205_065633_000000382013_00321_04884_5529.N1	05-FEB-2003 06:56:33	Straylight	38.000	179	24Omi2CMa	3.0320	24000.	76	4884	No
133	GOM_NL__2PRFIN20030205_070007_000000622013_00321_04884_5530.N1	05-FEB-2003 07:00:07	Straylight	61.500	48	30Alp Hya	1.9770	4100.0	123	4884	No
134	GOM_NL__2PRFIN20030205_070421_000000522013_00321_04884_5531.N1	05-FEB-2003 07:04:21	Twl_and_stray	52.000	8	10Alp CMi	0.40000	6500.0	104	4884	No
135	GOM_NL__2PRFIN20030205_070757_000000392013_00321_04884_5532.N1	05-FEB-2003 07:07:57	Bright	38.500	44	24Gam Gem	1.9280	11000.	77	4884	No
136	GOM_NL__2PRFIN20030205_070949_000000402013_00321_04884_5533.N1	05-FEB-2003 07:09:49	Bright	39.500	151	13Mu Gem	2.8900	3000.0	79	4884	No
137	GOM_NL__2PRFIN20030205_071158_000000392013_00321_04884_5534.N1	05-FEB-2003 07:11:58	Bright	38.500	24	66Alp Gem	1.5800	10200.	77	4884	No
138	GOM_NL__2PRFIN20030205_071410_000000372013_00321_04884_5535.N1	05-FEB-2003 07:14:10	Bright	36.500	107	37The Aur	2.6490	11000.	73	4884	No
139	GOM_NL__2PRFIN20030205_071613_000000382013_00321_04884_5536.N1	05-FEB-2003 07:16:13	Bright	38.000	42	34Bet Aur	1.9000	10200.	76	4884	No
140	GOM_NL__2PRFIN20030205_072434_000000502013_00321_04884_5537.N1	05-FEB-2003 07:24:34	Bright	49.500	82	48Bet UMa	2.3650	10600.	99	4884	No
141	GOM_NL__2PRFIN20030205_072815_000000392013_00321_04884_5538.N1	05-FEB-2003 07:28:15	Bright	38.500	49	1Alp UMi	1.9900	6300.0	77	4884	No
142	GOM_NL__2PRFIN20030205_073552_000000432013_00321_04884_5539.N1	05-FEB-2003 07:35:52	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	4884	No
143	GOM_NL__2PRFIN20030205_073911_000000412013_00321_04884_5540.N1	05-FEB-2003 07:39:11	Bright	40.500	130	23Bet Dra	2.7990	5800.0	81	4884	No
144	GOM_NL__2PRFIN20030205_074126_000000362013_00321_04884_5541.N1	05-FEB-2003 07:41:26	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	4884	No
145	GOM_NL__2PRFIN20030205_074258_000000382013_00321_04884_5542.N1	05-FEB-2003 07:42:58	Bright	37.500	5	3Alp Lyr	0.033000	11000.	75	4884	No
146	GOM_NL__2PRFIN20030205_074559_000000512013_00321_04884_5543.N1	05-FEB-2003 07:45:59	Bright	50.500	133	40Zet Her	2.8070	6000.0	101	4884	No
147	GOM_NL__2PRFIN20030205_075052_000001402013_00321_04884_5544.N1	05-FEB-2003 07:50:52	Twl_and_stray	139.50	83		2.3780	11000.	279	4884	No
148	GOM_NL__2PRFIN20030205_075748_000000812013_00321_04884_5545.N1	05-FEB-2003 07:57:48	Straylight	80.500	102	24Alp Ser	2.6000	4250.0	161	4884	No
149	GOM_NL__2PRFIN20030205_080011_000000462013_00321_04884_5546.N1	05-FEB-2003 08:00:11	Twl_and_stray	46.000	86	35Eta Oph	2.4300	10200.	92	4884	No
150	GOM_NL__2PRFIN20030205_080215_000000392013_00321_04884_5547.N1	05-FEB-2003 08:02:15	Twilight	39.000	116	19Del Sgr	2.7000	4100.0	78	4884	No
151	GOM_NL__2PRFIN20030205_080326_000000432013_00321_04884_5548.N1	05-FEB-2003 08:03:26	Twilight	43.000	38	20Eps Sgr	1.8360	11000.	86	4884	No
152	GOM_NL__2PRFIN20030205_080555_000000792013_00321_04884_5549.N1	05-FEB-2003 08:05:55	Dark	79.000	104	27Bet Lib	2.6140	13100.	158	4884	No
153	GOM_NL__2PRFIN20030205_081034_000000822013_00321_04884_5550.N1	05-FEB-2003 08:10:34	Dark	81.500	122	9Alp2Lib	2.7470	9700.0	163	4884	No
154	GOM_NL__2PRFIN20030205_081344_000000422013_00322_04885_5521.N1	05-FEB-2003 08:13:44	Dark	41.500	43	Alp TrA	1.9100	4250.0	83	4885	No
155	GOM_NL__2PRFIN20030205_081937_000000452013_00322_04885_5522.N1	05-FEB-2003 08:19:37	Dark	44.500	20	Bet Cru	1.2530	30000.	89	4885	No
156	GOM_NL__2PRFIN20030205_082318_000000432013_00322_04885_5523.N1	05-FEB-2003 08:23:18	Dark	42.500	29	Bet Car	1.6720	10200.	85	4885	No
157	GOM_NL__2PRFIN20030205_082545_000000402013_00322_04885_5524.N1	05-FEB-2003 08:25:45	Dark	40.000	71	lot Car	2.2460	7700.0	80	4885	No
158	GOM_NL__2PRFIN20030205_082727_000000452013_00322_04885_5525.N1	05-FEB-2003 08:27:27	Dark	44.500	46	Del Vel	1.9540	10600.	89	4885	No
159	GOM_NL__2PRFIN20030205_082957_000000422013_00322_04885_5526.N1	05-FEB-2003 08:29:57	Straylight	41.500	34	Gam2Vel	1.7930	23000.	83	4885	No
160	GOM_NL__2PRFIN20030205_083201_000000422013_00322_04885_5527.N1	05-FEB-2003 08:32:01	Straylight	41.500	70	Zet Pup	2.2460	39000.	83	4885	No

161	GOM_NL__2PRFIN20030205_083320_000000452013_00322_04885_5528.N1	05-FEB-2003 08:33:20	Straylight	44.500	117	Pi Pup	2.7060	3800.0	89	4885	No
162	GOM_NL__2PRFIN20030205_083547_000000432013_00322_04885_5529.N1	05-FEB-2003 08:35:47	Straylight	42.500	23	21Eps CMa	1.5020	26000.	85	4885	No
163	GOM_NL__2PRFIN20030205_083710_000000402013_00322_04885_5530.N1	05-FEB-2003 08:37:10	Straylight	39.500	179	24Omi2CMa	3.0320	24000.	79	4885	No
164	GOM_NL__2PRFIN20030205_083920_000000462013_00322_04885_5531.N1	05-FEB-2003 08:39:20	Straylight	46.000	1	9Alp CMa	-1.4400	11000.	92	4885	No
165	GOM_NL__2PRFIN20030205_084457_000000482013_00322_04885_5532.N1	05-FEB-2003 08:44:57	Twi_and_stray	48.000	8	10Alp CMi	0.40000	6500.0	96	4885	No
166	GOM_NL__2PRFIN20030205_084833_000000392013_00322_04885_5533.N1	05-FEB-2003 08:48:33	Bright	38.500	44	24Gam Gem	1.9280	11000.	77	4885	No
167	GOM_NL__2PRFIN20030205_085025_000000412013_00322_04885_5534.N1	05-FEB-2003 08:50:25	Bright	41.000	151	13Mu Gem	2.8900	3000.0	82	4885	No
168	GOM_NL__2PRFIN20030205_085234_000000402013_00322_04885_5535.N1	05-FEB-2003 08:52:34	Bright	39.500	24	66Alp Gem	1.5800	10200.	79	4885	No
169	GOM_NL__2PRFIN20030205_085447_000000362013_00322_04885_5536.N1	05-FEB-2003 08:54:47	Bright	35.500	107	37The Aur	2.6490	11000.	71	4885	No
170	GOM_NL__2PRFIN20030205_085649_000000372013_00322_04885_5537.N1	05-FEB-2003 08:56:49	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	4885	No
171	GOM_NL__2PRFIN20030205_090509_000000492013_00322_04885_5538.N1	05-FEB-2003 09:05:09	Bright	48.500	82	48Bet UMa	2.3650	10600.	97	4885	No
172	GOM_NL__2PRFIN20030205_090851_000000372013_00322_04885_5539.N1	05-FEB-2003 09:08:51	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	4885	No
173	GOM_NL__2PRFIN20030205_091139_000000442013_00322_04885_5540.N1	05-FEB-2003 09:11:39	Bright	43.500	60	7Bet UMi	2.0810	3950.0	87	4885	No
174	GOM_NL__2PRFIN20030205_091513_000000392013_00322_04885_5541.N1	05-FEB-2003 09:15:13	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	4885	No
175	GOM_NL__2PRFIN20030205_091946_000000402013_00322_04885_5542.N1	05-FEB-2003 09:19:46	Bright	40.000	130	23Bet Dra	2.7990	5800.0	80	4885	No
176	GOM_NL__2PRFIN20030205_092203_000000352013_00322_04885_5543.N1	05-FEB-2003 09:22:03	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	4885	No
177	GOM_NL__2PRFIN20030205_092334_000000392013_00322_04885_5544.N1	05-FEB-2003 09:23:34	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	4885	No
178	GOM_NL__2PRFIN20030205_092636_000000492013_00322_04885_5545.N1	05-FEB-2003 09:26:36	Bright	49.000	133	40Zet Her	2.8070	6000.0	98	4885	No
179	GOM_NL__2PRFIN20030205_093128_000001342013_00322_04885_5546.N1	05-FEB-2003 09:31:28	Twi_and_stray	134.00	83		2.3780	11000.	268	4885	No
180	GOM_NL__2PRFIN20030205_093828_000000742013_00322_04885_5547.N1	05-FEB-2003 09:38:28	Straylight	73.500	102	24Alp Ser	2.6000	4250.0	147	4885	No
181	GOM_NL__2PRFIN20030205_094048_000000482013_00322_04885_5548.N1	05-FEB-2003 09:40:48	Twi_and_stray	48.000	86	35Eta Oph	2.4300	10200.	96	4885	No
182	GOM_NL__2PRFIN20030205_094250_000000452013_00322_04885_5549.N1	05-FEB-2003 09:42:50	Twilight	44.500	116	19Del Sgr	2.7000	4100.0	89	4885	No
183	GOM_NL__2PRFIN20030205_094402_000000432013_00322_04885_5550.N1	05-FEB-2003 09:44:02	Twilight	43.000	38	20Eps Sgr	1.8360	11000.	86	4885	No
184	GOM_NL__2PRFIN20030205_094541_000000462013_00322_04885_5551.N1	05-FEB-2003 09:45:41	Dark	45.500	25	35Lam Sco	1.6200	28000.	91	4885	No
185	GOM_NL__2PRFIN20030205_094706_000000422013_00322_04885_5552.N1	05-FEB-2003 09:47:06	Dark	41.500	40	The Sco	1.8590	7100.0	83	4885	No
186	GOM_NL__2PRFIN20030205_094859_000000382013_00322_04885_5553.N1	05-FEB-2003 09:48:59	Dark	38.000	147	Alp Ara	2.8770	26000.	76	4885	No
187	GOM_NL__2PRFIN20030205_095112_000000842013_00322_04885_5554.N1	05-FEB-2003 09:51:12	Dark	84.000	122	9Alp2Lib	2.7470	9700.0	168	4885	No
188	GOM_NL__2PRFIN20030205_095421_000000402013_00323_04886_5303.N1	05-FEB-2003 09:54:21	Dark	40.000	43	Alp TrA	1.9100	4250.0	80	4886	No
189	GOM_NL__2PRFIN20030205_100013_000000442013_00323_04886_5304.N1	05-FEB-2003 10:00:13	Dark	44.000	20	Bet Cru	1.2530	30000.	88	4886	No
190	GOM_NL__2PRFIN20030205_100355_000000382013_00323_04886_5305.N1	05-FEB-2003 10:03:55	Dark	37.500	29	Bet Car	1.6720	10200.	75	4886	No
191	GOM_NL__2PRFIN20030205_100621_000000402013_00323_04886_5306.N1	05-FEB-2003 10:06:21	Dark	39.500	71	lot Car	2.2460	7700.0	79	4886	No
192	GOM_NL__2PRFIN20030205_100803_000000412013_00323_04886_5307.N1	05-FEB-2003 10:08:03	Dark	41.000	46	Del Vel	1.9540	10600.	82	4886	No
193	GOM_NL__2PRFIN20030205_101033_000000442013_00323_04886_5308.N1	05-FEB-2003 10:10:33	Straylight	44.000	34	Gam2Vel	1.7930	23000.	88	4886	No
194	GOM_NL__2PRFIN20030205_101236_000000422013_00323_04886_5309.N1	05-FEB-2003 10:12:36	Straylight	41.500	70	Zet Pup	2.2460	39000.	83	4886	No
195	GOM_NL__2PRFIN20030205_101357_000000442013_00323_04886_5310.N1	05-FEB-2003 10:13:57	Straylight	43.500	117	Pi Pup	2.7060	3800.0	87	4886	No
196	GOM_NL__2PRFIN20030205_101623_000000412013_00323_04886_5311.N1	05-FEB-2003 10:16:23	Straylight	41.000	23	21Eps CMa	1.5020	26000.	82	4886	No
197	GOM_NL__2PRFIN20030205_101746_000000402013_00323_04886_5312.N1	05-FEB-2003 10:17:46	Straylight	40.000	179	24Omi2CMa	3.0320	24000.	80	4886	No
198	GOM_NL__2PRFIN20030205_101956_000000512013_00323_04886_5313.N1	05-FEB-2003 10:19:56	Straylight	51.000	1	9Alp CMa	-1.4400	11000.	102	4886	No
199	GOM_NL__2PRFIN20030205_102533_000000482013_00323_04886_5314.N1	05-FEB-2003 10:25:33	Twi_and_stray	48.000	8	10Alp CMi	0.40000	6500.0	96	4886	No
200	GOM_NL__2PRFIN20030205_102909_000000402013_00323_04886_5315.N1	05-FEB-2003 10:29:09	Bright	39.500	44	24Gam Gem	1.9280	11000.	79	4886	No
201	GOM_NL__2PRFIN20030205_103102_000000402013_00323_04886_5316.N1	05-FEB-2003 10:31:02	Bright	39.500	151	13Mu Gem	2.8900	3000.0	79	4886	No
202	GOM_NL__2PRFIN20030205_103309_000000392013_00323_04886_5317.N1	05-FEB-2003 10:33:09	Bright	38.500	24	66Alp Gem	1.5800	10200.	77	4886	No
203	GOM_NL__2PRFIN20030205_103523_000000372013_00323_04886_5318.N1	05-FEB-2003 10:35:23	Bright	36.500	107	37The Aur	2.6490	11000.	73	4886	No
204	GOM_NL__2PRFIN20030205_103725_000000372013_00323_04886_5319.N1	05-FEB-2003 10:37:25	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	4886	No
205	GOM_NL__2PRFIN20030205_104544_000000492013_00323_04886_5320.N1	05-FEB-2003 10:45:44	Bright	49.000	82	48Bet UMa	2.3650	10600.	98	4886	No
206	GOM_NL__2PRFIN20030205_104926_000000392013_00323_04886_5321.N1	05-FEB-2003 10:49:26	Bright	39.000	49	1Alp UMi	1.9900	6300.0	78	4886	No
207	GOM_NL__2PRFIN20030205_105213_000000462013_00323_04886_5322.N1	05-FEB-2003 10:52:13	Bright	45.500	60	7Bet UMi	2.0810	3950.0	91	4886	No
208	GOM_NL__2PRFIN20030205_105549_000000372013_00323_04886_5323.N1	05-FEB-2003 10:55:49	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	4886	No
209	GOM_NL__2PRFIN20030205_110021_000000432013_00323_04886_5324.N1	05-FEB-2003 11:00:21	Bright	43.000	130	23Bet Dra	2.7990	5800.0	86	4886	No
210	GOM_NL__2PRFIN20030205_110239_000000392013_00323_04886_5325.N1	05-FEB-2003 11:02:39	Bright	38.500	66	37Gam Cyg	2.2080	5900.0	77	4886	No
211	GOM_NL__2PRFIN20030205_110410_000000392013_00323_04886_5326.N1	05-FEB-2003 11:04:10	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	4886	No
212	GOM_NL__2PRFIN20030205_110713_000000492013_00323_04886_5327.N1	05-FEB-2003 11:07:13	Bright	48.500	133	40Zet Her	2.8070	6000.0	97	4886	No
213	GOM_NL__2PRFIN20030205_111205_000001382013_00323_04886_5328.N1	05-FEB-2003 11:12:05	Twi_and_stray	138.00	83		2.3780	11000.	276	4886	No
214	GOM_NL__2PRFIN20030205_111905_000000732013_00323_04886_5329.N1	05-FEB-2003 11:19:05	Straylight	73.000	102	24Alp Ser	2.6000	4250.0	146	4886	No
215	GOM_NL__2PRFIN20030205_112124_000000472013_00323_04886_5330.N1	05-FEB-2003 11:21:24	Twi_and_stray	46.500	86	35Eta Oph	2.4300	10200.	93	4886	No
216	GOM_NL__2PRFIN20030205_112327_000000422013_00323_04886_5331.N1	05-FEB-2003 11:23:27	Twilight	41.500	116	19Del Sgr	2.7000	4100.0	83	4886	No
217	GOM_NL__2PRFIN20030205_112438_000000402013_00323_04886_5332.N1	05-FEB-2003 11:24:38	Twilight	40.000	38	20Eps Sgr	1.8360	11000.	80	4886	No
218	GOM_NL__2PRFIN20030205_112617_000000452013_00323_04886_5333.N1	05-FEB-2003 11:26:17	Dark	45.000	25	35Lam Sco	1.6200	28000.	90	4886	No
219	GOM_NL__2PRFIN20030205_112743_000000512013_00323_04886_5334.N1	05-FEB-2003 11:27:43	Dark	51.000	40	The Sco	1.8590	7100.0	102	4886	No

220	GOM_NL__2PRFIN20030205_112935_000000392013_00323_04886_5335.N1	05-FEB-2003 11:29:35	Dark	38.500	147	Alp Ara	2.8770	26000.	77	4886	No
221	GOM_NL__2PRFIN20030205_113151_000000832013_00323_04886_5336.N1	05-FEB-2003 11:31:51	Dark	83.000	122	9Alp2Lib	2.7470	9700.0	166	4886	No
222	GOM_NL__2PRFIN20030205_113456_000000492013_00324_04887_5303.N1	05-FEB-2003 11:34:56	Dark	48.500	43	Alp TrA	1.9100	4250.0	97	4887	No
223	GOM_NL__2PRFIN20030205_114050_000000442013_00324_04887_5304.N1	05-FEB-2003 11:40:50	Dark	43.500	20	Bet Cru	1.2530	30000.	87	4887	No
224	GOM_NL__2PRFIN20030205_114431_000000382013_00324_04887_5305.N1	05-FEB-2003 11:44:31	Dark	38.000	29	Bet Car	1.6720	10200.	76	4887	No
225	GOM_NL__2PRFIN20030205_114657_000000392013_00324_04887_5306.N1	05-FEB-2003 11:46:57	Dark	39.000	71	lot Car	2.2460	7700.0	78	4887	No
226	GOM_NL__2PRFIN20030205_114838_000000412013_00324_04887_5307.N1	05-FEB-2003 11:48:38	Dark	41.000	46	Del Vel	1.9540	10600.	82	4887	No
227	GOM_NL__2PRFIN20030205_115109_000000392013_00324_04887_5308.N1	05-FEB-2003 11:51:09	Straylight	38.500	34	Gam2Vel	1.7930	23000.	77	4887	No
228	GOM_NL__2PRFIN20030205_115313_000000382013_00324_04887_5309.N1	05-FEB-2003 11:53:13	Straylight	38.000	70	Zet Pup	2.2460	39000.	76	4887	No
229	GOM_NL__2PRFIN20030205_115433_000000412013_00324_04887_5310.N1	05-FEB-2003 11:54:33	Straylight	41.000	117	Pi Pup	2.7060	3800.0	82	4887	No
230	GOM_NL__2PRFIN20030205_115659_000000442013_00324_04887_5311.N1	05-FEB-2003 11:56:59	Straylight	43.500	23	21Eps CMa	1.5020	26000.	87	4887	No
231	GOM_NL__2PRFIN20030205_115822_000000382013_00324_04887_5312.N1	05-FEB-2003 11:58:22	Straylight	37.500	179	24Omi2CMa	3.0320	24000.	75	4887	No
232	GOM_NL__2PRFIN20030205_120032_000000482013_00324_04887_5313.N1	05-FEB-2003 12:00:32	Straylight	47.500	1	9Alp CMa	-1.4400	11000.	95	4887	No
233	GOM_NL__2PRFIN20030205_120609_000000482013_00324_04887_5314.N1	05-FEB-2003 12:06:09	Twilight	48.000	8	10Alp CMi	0.40000	6500.0	96	4887	No
234	GOM_NL__2PRFIN20030205_120945_000000382013_00324_04887_5315.N1	05-FEB-2003 12:09:45	Bright	37.500	44	24Gam Gem	1.9280	11000.	75	4887	No
235	GOM_NL__2PRFIN20030205_121138_000000382013_00324_04887_5316.N1	05-FEB-2003 12:11:38	Bright	38.000	151	13Mu Gem	2.8900	3000.0	76	4887	No
236	GOM_NL__2PRFIN20030205_121344_000000412013_00324_04887_5317.N1	05-FEB-2003 12:13:44	Bright	40.500	24	66Alp Gem	1.5800	10200.	81	4887	No
237	GOM_NL__2PRFIN20030205_121559_000000362013_00324_04887_5318.N1	05-FEB-2003 12:15:59	Bright	36.000	107	37The Aur	2.6490	11000.	72	4887	No
238	GOM_NL__2PRFIN20030205_121801_000000382013_00324_04887_5319.N1	05-FEB-2003 12:18:01	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	4887	No
239	GOM_NL__2PRFIN20030205_122620_000000492013_00324_04887_5320.N1	05-FEB-2003 12:26:20	Bright	49.000	82	48Bet UMa	2.3650	10600.	98	4887	No
240	GOM_NL__2PRFIN20030205_123001_000000372013_00324_04887_5321.N1	05-FEB-2003 12:30:01	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	4887	No
241	GOM_NL__2PRFIN20030205_123251_000000402013_00324_04887_5322.N1	05-FEB-2003 12:32:51	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	4887	No
242	GOM_NL__2PRFIN20030205_123626_000000372013_00324_04887_5323.N1	05-FEB-2003 12:36:26	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	4887	No
243	GOM_NL__2PRFIN20030205_124058_000000422013_00324_04887_5324.N1	05-FEB-2003 12:40:58	Bright	41.500	130	23Bet Dra	2.7990	5800.0	83	4887	No
244	GOM_NL__2PRFIN20030205_124315_000000352013_00324_04887_5325.N1	05-FEB-2003 12:43:15	Bright	34.500	66	37Gam Cyg	2.2080	5900.0	69	4887	No
245	GOM_NL__2PRFIN20030205_124446_000000402013_00324_04887_5326.N1	05-FEB-2003 12:44:46	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	4887	No
246	GOM_NL__2PRFIN20030205_124749_000000482013_00324_04887_5327.N1	05-FEB-2003 12:47:49	Bright	47.500	133	40Zet Her	2.8070	6000.0	95	4887	No
247	GOM_NL__2PRFIN20030205_125242_000001482013_00324_04887_5328.N1	05-FEB-2003 12:52:42	Twilight	148.00	83		2.3780	11000.	296	4887	No
248	GOM_NL__2PRFIN20030205_125943_000000782013_00324_04887_5329.N1	05-FEB-2003 12:59:43	Straylight	77.500	102	24Alp Ser	2.6000	4250.0	155	4887	No
249	GOM_NL__2PRFIN20030205_130158_000000482013_00324_04887_5330.N1	05-FEB-2003 13:01:58	Twilight	47.500	86	35Eta Oph	2.4300	10200.	95	4887	No
250	GOM_NL__2PRFIN20030205_130403_000000442013_00324_04887_5331.N1	05-FEB-2003 13:04:03	Twilight	43.500	116	19Del Sgr	2.7000	4100.0	87	4887	No
251	GOM_NL__2PRFIN20030205_130514_000000422013_00324_04887_5332.N1	05-FEB-2003 13:05:14	Twilight	42.000	38	20Eps Sgr	1.8360	11000.	84	4887	No
252	GOM_NL__2PRFIN20030205_130654_000000422013_00324_04887_5333.N1	05-FEB-2003 13:06:54	Dark	41.500	25	35Lam Sco	1.6200	28000.	83	4887	No
253	GOM_NL__2PRFIN20030205_130819_000000432013_00324_04887_5334.N1	05-FEB-2003 13:08:19	Dark	42.500	40	The Sco	1.8590	7100.0	85	4887	No
254	GOM_NL__2PRFIN20030205_131011_000000382013_00324_04887_5335.N1	05-FEB-2003 13:10:11	Dark	38.000	147	Alp Ara	2.8770	26000.	76	4887	No
255	GOM_NL__2PRFIN20030205_131230_000000842013_00324_04887_5336.N1	05-FEB-2003 13:12:30	Dark	84.000	122	9Alp2Lib	2.7470	9700.0	168	4887	No
256	GOM_NL__2PRFIN20030205_131533_000000392013_00325_04888_5303.N1	05-FEB-2003 13:15:33	Dark	39.000	43	Alp TrA	1.9100	4250.0	78	4888	No
257	GOM_NL__2PRFIN20030205_132125_000000442013_00325_04888_5304.N1	05-FEB-2003 13:21:25	Dark	44.000	20	Bet Cru	1.2530	30000.	88	4888	No
258	GOM_NL__2PRFIN20030205_132507_000000392013_00325_04888_5305.N1	05-FEB-2003 13:25:07	Dark	38.500	29	Bet Car	1.6720	10200.	77	4888	No
259	GOM_NL__2PRFIN20030205_132733_000000392013_00325_04888_5306.N1	05-FEB-2003 13:27:33	Dark	39.000	71	lot Car	2.2460	7700.0	78	4888	No
260	GOM_NL__2PRFIN20030205_132915_000000442013_00325_04888_5307.N1	05-FEB-2003 13:29:15	Dark	44.000	46	Del Vel	1.9540	10600.	88	4888	No
261	GOM_NL__2PRFIN20030205_133145_000000402013_00325_04888_5308.N1	05-FEB-2003 13:31:45	Straylight	40.000	34	Gam2Vel	1.7930	23000.	80	4888	No
262	GOM_NL__2PRFIN20030205_133349_000000432013_00325_04888_5309.N1	05-FEB-2003 13:33:49	Straylight	42.500	70	Zet Pup	2.2460	39000.	85	4888	No
263	GOM_NL__2PRFIN20030205_133509_000000452013_00325_04888_5310.N1	05-FEB-2003 13:35:09	Straylight	45.000	117	Pi Pup	2.7060	3800.0	90	4888	No
264	GOM_NL__2PRFIN20030205_133735_000000442013_00325_04888_5311.N1	05-FEB-2003 13:37:35	Straylight	43.500	23	21Eps CMa	1.5020	26000.	87	4888	No
265	GOM_NL__2PRFIN20030205_133858_000000402013_00325_04888_5312.N1	05-FEB-2003 13:38:58	Straylight	39.500	179	24Omi2CMa	3.0320	24000.	79	4888	No
266	GOM_NL__2PRFIN20030205_134108_000000492013_00325_04888_5313.N1	05-FEB-2003 13:41:08	Straylight	48.500	1	9Alp CMa	-1.4400	11000.	97	4888	No
267	GOM_NL__2PRFIN20030205_134645_000000512013_00325_04888_5314.N1	05-FEB-2003 13:46:45	Twilight	50.500	8	10Alp CMi	0.40000	6500.0	101	4888	No
268	GOM_NL__2PRFIN20030205_135021_000000392013_00325_04888_5315.N1	05-FEB-2003 13:50:21	Bright	39.000	44	24Gam Gem	1.9280	11000.	78	4888	No
269	GOM_NL__2PRFIN20030205_135214_000000402013_00325_04888_5316.N1	05-FEB-2003 13:52:14	Bright	39.500	151	13Mu Gem	2.8900	3000.0	79	4888	No
270	GOM_NL__2PRFIN20030205_135418_000000422013_00325_04888_5317.N1	05-FEB-2003 13:54:18	Bright	42.000	24	66Alp Gem	1.5800	10200.	84	4888	No
271	GOM_NL__2PRFIN20030205_135635_000000362013_00325_04888_5318.N1	05-FEB-2003 13:56:35	Bright	36.000	107	37The Aur	2.6490	11000.	72	4888	No
272	GOM_NL__2PRFIN20030205_135838_000000362013_00325_04888_5319.N1	05-FEB-2003 13:58:38	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	4888	No
273	GOM_NL__2PRFIN20030205_140655_000000482013_00325_04888_5320.N1	05-FEB-2003 14:06:55	Bright	48.000	82	48Bet UMa	2.3650	10600.	96	4888	No
274	GOM_NL__2PRFIN20030205_141040_000000342013_00325_04888_5321.N1	05-FEB-2003 14:10:40	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	4888	No
275	GOM_NL__2PRFIN20030205_141328_000000412013_00325_04888_5322.N1	05-FEB-2003 14:13:28	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	4888	No
276	GOM_NL__2PRFIN20030205_141703_000000352013_00325_04888_5323.N1	05-FEB-2003 14:17:03	Bright	34.500	89	5Alp Cep	2.4510	8000.0	69	4888	No
277	GOM_NL__2PRFIN20030205_142136_000000392013_00325_04888_5324.N1	05-FEB-2003 14:21:36	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	4888	No
278	GOM_NL__2PRFIN20030205_142352_000000342013_00325_04888_5325.N1	05-FEB-2003 14:23:52	Bright	34.000	66	37Gam Cyg	2.2080	5900.0	68	4888	No

279	GOM_NL__2PRFIN20030205_142524_000000372013_00325_04888_5326.N1	05-FEB-2003 14:25:24	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	4888	No
280	GOM_NL__2PRFIN20030205_142826_000000492013_00325_04888_5327.N1	05-FEB-2003 14:28:26	Bright	48.500	133	40Zet Her	2.8070	6000.0	97	4888	No
281	GOM_NL__2PRFIN20030205_143319_000001382013_00325_04888_5328.N1	05-FEB-2003 14:33:19	Twi_and_stray	137.50	83		2.3780	11000.	275	4888	No
282	GOM_NL__2PRFIN20030205_144020_000000802013_00325_04888_5329.N1	05-FEB-2003 14:40:20	Straylight	79.500	102	24Alp Ser	2.6000	4250.0	159	4888	No
283	GOM_NL__2PRFIN20030205_144239_000000452013_00325_04888_5330.N1	05-FEB-2003 14:42:39	Twi_and_stray	45.000	86	35Eta Oph	2.4300	10200.	90	4888	No
284	GOM_NL__2PRFIN20030205_144440_000000432013_00325_04888_5331.N1	05-FEB-2003 14:44:40	Twilight	43.000	116	19Del Sgr	2.7000	4100.0	86	4888	No
285	GOM_NL__2PRFIN20030205_144551_000000412013_00325_04888_5332.N1	05-FEB-2003 14:45:51	Twilight	40.500	38	20Eps Sgr	1.8360	11000.	81	4888	No
286	GOM_NL__2PRFIN20030205_144731_000000422013_00325_04888_5333.N1	05-FEB-2003 14:47:31	Dark	41.500	25	35Lam Sco	1.6200	28000.	83	4888	No
287	GOM_NL__2PRFIN20030205_144857_000000412013_00325_04888_5334.N1	05-FEB-2003 14:48:57	Dark	40.500	40	The Sco	1.8590	7100.0	81	4888	No
288	GOM_NL__2PRFIN20030205_145048_000000382013_00325_04888_5335.N1	05-FEB-2003 14:50:48	Dark	37.500	147	Alp Ara	2.8770	26000.	75	4888	No
289	GOM_NL__2PRFIN20030205_145308_000000812013_00325_04888_5336.N1	05-FEB-2003 14:53:08	Dark	80.500	122	9Alp2Lib	2.7470	9700.0	161	4888	No
290	GOM_NL__2PRFIN20030205_145609_000000412013_00326_04889_5303.N1	05-FEB-2003 14:56:09	Dark	40.500	43	Alp TrA	1.9100	4250.0	81	4889	No
291	GOM_NL__2PRFIN20030205_150204_000000452013_00326_04889_5304.N1	05-FEB-2003 15:02:04	Dark	45.000	20	Bet Cru	1.2530	30000.	90	4889	No
292	GOM_NL__2PRFIN20030205_150543_000000412013_00326_04889_5305.N1	05-FEB-2003 15:05:43	Dark	40.500	29	Bet Car	1.6720	10200.	81	4889	No
293	GOM_NL__2PRFIN20030205_150810_000000382013_00326_04889_5306.N1	05-FEB-2003 15:08:10	Dark	37.500	71	lot Car	2.2460	7700.0	75	4889	No
294	GOM_NL__2PRFIN20030205_150953_000000382013_00326_04889_5307.N1	05-FEB-2003 15:09:53	Dark	37.500	46	Del Vel	1.9540	10600.	75	4889	No
295	GOM_NL__2PRFIN20030205_151222_000000412013_00326_04889_5308.N1	05-FEB-2003 15:12:22	Straylight	41.000	34	Gam2Vel	1.7930	23000.	82	4889	No
296	GOM_NL__2PRFIN20030205_151426_000000402013_00326_04889_5309.N1	05-FEB-2003 15:14:26	Straylight	40.000	70	Zet Pup	2.2460	39000.	80	4889	No
297	GOM_NL__2PRFIN20030205_151545_000000442013_00326_04889_5310.N1	05-FEB-2003 15:15:45	Straylight	43.500	117	Pi Pup	2.7060	3800.0	87	4889	No
298	GOM_NL__2PRFIN20030205_151811_000000442013_00326_04889_5311.N1	05-FEB-2003 15:18:11	Straylight	44.000	23	21Eps CMa	1.5020	26000.	88	4889	No
299	GOM_NL__2PRFIN20030205_151934_000000402013_00326_04889_5312.N1	05-FEB-2003 15:19:34	Straylight	40.000	179	24Omi2CMa	3.0320	24000.	80	4889	No
300	GOM_NL__2PRFIN20030205_152144_000000462013_00326_04889_5313.N1	05-FEB-2003 15:21:44	Straylight	46.000	1	9Alp CMa	-1.4400	11000.	92	4889	No
301	GOM_NL__2PRFIN20030205_152722_000000482013_00326_04889_5314.N1	05-FEB-2003 15:27:22	Twi_and_stray	48.000	8	10Alp CMi	0.40000	6500.0	96	4889	No
302	GOM_NL__2PRFIN20030205_153058_000000382013_00326_04889_5315.N1	05-FEB-2003 15:30:58	Bright	38.000	44	24Gam Gem	1.9280	11000.	76	4889	No
303	GOM_NL__2PRFIN20030205_153251_000000402013_00326_04889_5316.N1	05-FEB-2003 15:32:51	Bright	40.000	151	13Mu Gem	2.8900	3000.0	80	4889	No
304	GOM_NL__2PRFIN20030205_153458_000000382013_00326_04889_5317.N1	05-FEB-2003 15:34:58	Bright	38.000	24	66Alp Gem	1.5800	10200.	76	4889	No
305	GOM_NL__2PRFIN20030205_153711_000000372013_00326_04889_5318.N1	05-FEB-2003 15:37:11	Bright	37.000	107	37The Aur	2.6490	11000.	74	4889	No
306	GOM_NL__2PRFIN20030205_153914_000000382013_00326_04889_5319.N1	05-FEB-2003 15:39:14	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	4889	No
307	GOM_NL__2PRFIN20030205_154730_000000492013_00326_04889_5320.N1	05-FEB-2003 15:47:30	Bright	48.500	82	48Bet UMa	2.3650	10600.	97	4889	No
308	GOM_NL__2PRFIN20030205_155115_000000362013_00326_04889_5321.N1	05-FEB-2003 15:51:15	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	4889	No
309	GOM_NL__2PRFIN20030205_155404_000000422013_00326_04889_5322.N1	05-FEB-2003 15:54:04	Bright	42.000	60	7Bet UMi	2.0810	3950.0	84	4889	No
310	GOM_NL__2PRFIN20030205_155739_000000372013_00326_04889_5323.N1	05-FEB-2003 15:57:39	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	4889	No
311	GOM_NL__2PRFIN20030205_160212_000000392013_00326_04889_5324.N1	05-FEB-2003 16:02:12	Bright	39.000	130	23Bet Dra	2.7990	5800.0	78	4889	No
312	GOM_NL__2PRFIN20030205_160428_000000382013_00326_04889_5325.N1	05-FEB-2003 16:04:28	Bright	37.500	66	37Gam Cyg	2.2080	5900.0	75	4889	No
313	GOM_NL__2PRFIN20030205_160600_000000352013_00326_04889_5326.N1	05-FEB-2003 16:06:00	Bright	34.500	5	3Alp Lyr	0.033000	11000.	69	4889	No
314	GOM_NL__2PRFIN20030205_160902_000000482013_00326_04889_5327.N1	05-FEB-2003 16:09:02	Bright	47.500	133	40Zet Her	2.8070	6000.0	95	4889	No
315	GOM_NL__2PRFIN20030205_161356_000001512013_00326_04889_5328.N1	05-FEB-2003 16:13:56	Twi_and_stray	151.00	83		2.3780	11000.	302	4889	No
316	GOM_NL__2PRFIN20030205_162057_000000842013_00326_04889_5329.N1	05-FEB-2003 16:20:57	Straylight	83.500	102	24Alp Ser	2.6000	4250.0	167	4889	No
317	GOM_NL__2PRFIN20030205_162315_000000472013_00326_04889_5330.N1	05-FEB-2003 16:23:15	Twi_and_stray	46.500	86	35Eta Oph	2.4300	10200.	93	4889	No
318	GOM_NL__2PRFIN20030205_162516_000000392013_00326_04889_5331.N1	05-FEB-2003 16:25:16	Twilight	39.000	116	19Del Sgr	2.7000	4100.0	78	4889	No
319	GOM_NL__2PRFIN20030205_162627_000000432013_00326_04889_5332.N1	05-FEB-2003 16:26:27	Twilight	43.000	38	20Eps Sgr	1.8360	11000.	86	4889	No
320	GOM_NL__2PRFIN20030205_162808_000000462013_00326_04889_5333.N1	05-FEB-2003 16:28:08	Dark	45.500	25	35Lam Sco	1.6200	28000.	91	4889	No
321	GOM_NL__2PRFIN20030205_162933_000000422013_00326_04889_5334.N1	05-FEB-2003 16:29:33	Dark	42.000	40	The Sco	1.8590	7100.0	84	4889	No
322	GOM_NL__2PRFIN20030205_163124_000000382013_00326_04889_5335.N1	05-FEB-2003 16:31:24	Dark	37.500	147	Alp Ara	2.8770	26000.	75	4889	No
323	GOM_NL__2PRFIN20030205_163346_000000812013_00326_04889_5336.N1	05-FEB-2003 16:33:46	Dark	81.000	122	9Alp2Lib	2.7470	9700.0	162	4889	No
324	GOM_NL__2PRFIN20030205_163720_000000462013_00327_04890_5303.N1	05-FEB-2003 16:37:20	Dark	46.000	78	Alp Lup	2.3040	28000.	92	4890	No
325	GOM_NL__2PRFIN20030205_164240_000000482013_00327_04890_5304.N1	05-FEB-2003 16:42:40	Dark	47.500	20	Bet Cru	1.2530	30000.	95	4890	No
326	GOM_NL__2PRFIN20030205_164402_000000572013_00327_04890_5305.N1	05-FEB-2003 16:44:02	Dark	57.000	64	Gam Cen	2.2000	10600.	114	4890	No
327	GOM_NL__2PRFIN20030205_164619_000000402013_00327_04890_5306.N1	05-FEB-2003 16:46:19	Dark	40.000	29	Bet Car	1.6720	10200.	80	4890	No
328	GOM_NL__2PRFIN20030205_164846_000000382013_00327_04890_5307.N1	05-FEB-2003 16:48:46	Dark	38.000	71	lot Car	2.2460	7700.0	76	4890	No
329	GOM_NL__2PRFIN20030205_165029_000000392013_00327_04890_5308.N1	05-FEB-2003 16:50:29	Dark	39.000	46	Del Vel	1.9540	10600.	78	4890	No
330	GOM_NL__2PRFIN20030205_165304_000000452013_00327_04890_5309.N1	05-FEB-2003 16:53:04	Straylight	45.000	65	Lam Vel	2.2040	4400.0	90	4890	No
331	GOM_NL__2PRFIN20030205_165502_000000412013_00327_04890_5310.N1	05-FEB-2003 16:55:02	Straylight	40.500	70	Zet Pup	2.2460	39000.	81	4890	No
332	GOM_NL__2PRFIN20030205_165621_000000452013_00327_04890_5311.N1	05-FEB-2003 16:56:21	Straylight	45.000	117	Pi Pup	2.7060	3800.0	90	4890	No
333	GOM_NL__2PRFIN20030205_165922_000000422013_00327_04890_5312.N1	05-FEB-2003 16:59:22	Straylight	41.500	132	15Rho Pup	2.8030	6900.0	83	4890	No
334	GOM_NL__2PRFIN20030205_170220_000000462013_00327_04890_5313.N1	05-FEB-2003 17:02:20	Straylight	45.500	1	9Alp CMa	-1.4400	11000.	91	4890	No
335	GOM_NL__2PRFIN20030205_170758_000000522013_00327_04890_5314.N1	05-FEB-2003 17:07:58	Twi_and_stray	52.000	8	10Alp CMi	0.40000	6500.0	104	4890	No
336	GOM_NL__2PRFIN20030205_171134_000000392013_00327_04890_5315.N1	05-FEB-2003 17:11:34	Bright	38.500	44	24Gam Gem	1.9280	11000.	77	4890	No
337	GOM_NL__2PRFIN20030205_171327_000000522013_00327_04890_5316.N1	05-FEB-2003 17:13:27	Bright	52.000	151	13Mu Gem	2.8900	3000.0	104	4890	No

338	GOM_NL__2PRFIN20030205_171534_000000402013_00327_04890_5317.N1	05-FEB-2003 17:15:34	Bright	39.500	24	66Alp Gem	1.5800	10200.	79	4890	No
339	GOM_NL__2PRFIN20030205_171748_000000382013_00327_04890_5318.N1	05-FEB-2003 17:17:48	Bright	37.500	107	37The Aur	2.6490	11000.	75	4890	No
340	GOM_NL__2PRFIN20030205_171950_000000382013_00327_04890_5319.N1	05-FEB-2003 17:19:50	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	4890	No
341	GOM_NL__2PRFIN20030205_172804_000000492013_00327_04890_5320.N1	05-FEB-2003 17:28:04	Bright	49.000	82	48Bet UMa	2.3650	10600.	98	4890	No
342	GOM_NL__2PRFIN20030205_173151_000000372013_00327_04890_5321.N1	05-FEB-2003 17:31:51	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	4890	No
343	GOM_NL__2PRFIN20030205_173439_000000422013_00327_04890_5322.N1	05-FEB-2003 17:34:39	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	4890	No
344	GOM_NL__2PRFIN20030205_173815_000000372013_00327_04890_5323.N1	05-FEB-2003 17:38:15	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	4890	No
345	GOM_NL__2PRFIN20030205_174247_000000402013_00327_04890_5324.N1	05-FEB-2003 17:42:47	Bright	40.000	130	23Bet Dra	2.7990	5800.0	80	4890	No
346	GOM_NL__2PRFIN20030205_174503_000000372013_00327_04890_5325.N1	05-FEB-2003 17:45:03	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	4890	No
347	GOM_NL__2PRFIN20030205_174636_000000392013_00327_04890_5326.N1	05-FEB-2003 17:46:36	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	4890	No
348	GOM_NL__2PRFIN20030205_174937_000000482013_00327_04890_5327.N1	05-FEB-2003 17:49:37	Bright	48.000	133	40Zet Her	2.8070	6000.0	96	4890	No
349	GOM_NL__2PRFIN20030205_175433_000001432013_00327_04890_5328.N1	05-FEB-2003 17:54:33	Twilight	142.50	83		2.3780	11000.	285	4890	No
350	GOM_NL__2PRFIN20030205_180352_000000452013_00327_04890_5329.N1	05-FEB-2003 18:03:52	Twilight	44.500	86	35Eta Oph	2.4300	10200.	89	4890	No
351	GOM_NL__2PRFIN20030205_180552_000000452013_00327_04890_5330.N1	05-FEB-2003 18:05:52	Twilight	44.500	116	19Del Sgr	2.7000	4100.0	89	4890	No
352	GOM_NL__2PRFIN20030205_180703_000000442013_00327_04890_5331.N1	05-FEB-2003 18:07:03	Twilight	43.500	38	20Eps Sgr	1.8360	11000.	87	4890	No
353	GOM_NL__2PRFIN20030205_180940_000000812013_00327_04890_5332.N1	05-FEB-2003 18:09:40	Dark	80.500	104	27Bet Lib	2.6140	13100.	161	4890	No
354	GOM_NL__2PRFIN20030205_181424_000000832013_00327_04890_5333.N1	05-FEB-2003 18:14:24	Dark	82.500	122	9Alp2Lib	2.7470	9700.0	165	4890	No
355	GOM_NL__2PRFIN20030205_181757_000000452013_00328_04891_5303.N1	05-FEB-2003 18:17:57	Dark	45.000	78	Alp Lup	2.3040	28000.	90	4891	No
356	GOM_NL__2PRFIN20030205_182317_000000412013_00328_04891_5304.N1	05-FEB-2003 18:23:17	Dark	40.500	20	Bet Cru	1.2530	30000.	81	4891	No
357	GOM_NL__2PRFIN20030205_182439_000000492013_00328_04891_5305.N1	05-FEB-2003 18:24:39	Dark	48.500	64	Gam Cen	2.2000	10600.	97	4891	No
358	GOM_NL__2PRFIN20030205_182656_000000412013_00328_04891_5306.N1	05-FEB-2003 18:26:56	Dark	41.000	29	Bet Car	1.6720	10200.	82	4891	No
359	GOM_NL__2PRFIN20030205_182923_000000382013_00328_04891_5307.N1	05-FEB-2003 18:29:23	Dark	37.500	71	lot Car	2.2460	7700.0	75	4891	No
360	GOM_NL__2PRFIN20030205_183105_000000422013_00328_04891_5308.N1	05-FEB-2003 18:31:05	Dark	41.500	46	Del Vel	1.9540	10600.	83	4891	No
361	GOM_NL__2PRFIN20030205_183340_000000492013_00328_04891_5309.N1	05-FEB-2003 18:33:40	Straylight	48.500	65	Lam Vel	2.2040	4400.0	97	4891	No
362	GOM_NL__2PRFIN20030205_183538_000000412013_00328_04891_5310.N1	05-FEB-2003 18:35:38	Straylight	41.000	70	Zet Pup	2.2460	39000.	82	4891	No
363	GOM_NL__2PRFIN20030205_183657_000000432013_00328_04891_5311.N1	05-FEB-2003 18:36:57	Straylight	42.500	117	Pi Pup	2.7060	3800.0	85	4891	No
364	GOM_NL__2PRFIN20030205_183958_000000412013_00328_04891_5312.N1	05-FEB-2003 18:39:58	Straylight	41.000	132	15Rho Pup	2.8030	6900.0	82	4891	No
365	GOM_NL__2PRFIN20030205_184256_000000502013_00328_04891_5313.N1	05-FEB-2003 18:42:56	Straylight	49.500	1	9Alp CMa	-1.4400	11000.	99	4891	No
366	GOM_NL__2PRFIN20030205_184834_000000522013_00328_04891_5314.N1	05-FEB-2003 18:48:34	Twilight	52.000	8	10Alp CMi	0.40000	6500.0	104	4891	No
367	GOM_NL__2PRFIN20030205_185210_000000392013_00328_04891_5315.N1	05-FEB-2003 18:52:10	Bright	38.500	44	24Gam Gem	1.9280	11000.	77	4891	No
368	GOM_NL__2PRFIN20030205_185403_000000392013_00328_04891_5316.N1	05-FEB-2003 18:54:03	Bright	39.000	151	13Mu Gem	2.8900	3000.0	78	4891	No
369	GOM_NL__2PRFIN20030205_185610_000000392013_00328_04891_5317.N1	05-FEB-2003 18:56:10	Bright	38.500	24	66Alp Gem	1.5800	10200.	77	4891	No
370	GOM_NL__2PRFIN20030205_185824_000000372013_00328_04891_5318.N1	05-FEB-2003 18:58:24	Bright	37.000	107	37The Aur	2.6490	11000.	74	4891	No
371	GOM_NL__2PRFIN20030205_190026_000000382013_00328_04891_5319.N1	05-FEB-2003 19:00:26	Bright	38.000	42	34Bet Aur	1.9000	10200.	76	4891	No
372	GOM_NL__2PRFIN20030205_190840_000000472013_00328_04891_5320.N1	05-FEB-2003 19:08:40	Bright	47.000	82	48Bet UMa	2.3650	10600.	94	4891	No
373	GOM_NL__2PRFIN20030205_191227_000000372013_00328_04891_5321.N1	05-FEB-2003 19:12:27	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	4891	No
374	GOM_NL__2PRFIN20030205_191515_000000372013_00328_04891_5322.N1	05-FEB-2003 19:15:15	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	4891	No
375	GOM_NL__2PRFIN20030205_191851_000000362013_00328_04891_5323.N1	05-FEB-2003 19:18:51	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	4891	No
376	GOM_NL__2PRFIN20030205_192324_000000412013_00328_04891_5324.N1	05-FEB-2003 19:23:24	Bright	40.500	130	23Bet Dra	2.7990	5800.0	81	4891	No
377	GOM_NL__2PRFIN20030205_192540_000000372013_00328_04891_5325.N1	05-FEB-2003 19:25:40	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	4891	No
378	GOM_NL__2PRFIN20030205_192712_000000362013_00328_04891_5326.N1	05-FEB-2003 19:27:12	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	4891	No
379	GOM_NL__2PRFIN20030205_193014_000000472013_00328_04891_5327.N1	05-FEB-2003 19:30:14	Bright	47.000	133	40Zet Her	2.8070	6000.0	94	4891	No
380	GOM_NL__2PRFIN20030205_193510_000001502013_00328_04891_5328.N1	05-FEB-2003 19:35:10	Twilight	149.50	83		2.3780	11000.	299	4891	No
381	GOM_NL__2PRFIN20030205_194428_000000472013_00328_04891_5329.N1	05-FEB-2003 19:44:28	Twilight	46.500	86	35Eta Oph	2.4300	10200.	93	4891	No
382	GOM_NL__2PRFIN20030205_194628_000000432013_00328_04891_5330.N1	05-FEB-2003 19:46:28	Twilight	43.000	116	19Del Sgr	2.7000	4100.0	86	4891	No
383	GOM_NL__2PRFIN20030205_194739_000000432013_00328_04891_5331.N1	05-FEB-2003 19:47:39	Twilight	42.500	38	20Eps Sgr	1.8360	11000.	85	4891	No
384	GOM_NL__2PRFIN20030205_195020_000000772013_00328_04891_5332.N1	05-FEB-2003 19:50:20	Dark	76.500	104	27Bet Lib	2.6140	13100.	153	4891	No
385	GOM_NL__2PRFIN20030205_195502_000000872013_00328_04891_5333.N1	05-FEB-2003 19:55:02	Dark	86.500	122	9Alp2Lib	2.7470	9700.0	173	4891	No
386	GOM_NL__2PRFIN20030205_195834_000000462013_00329_04892_5303.N1	05-FEB-2003 19:58:34	Dark	45.500	78	Alp Lup	2.3040	28000.	91	4892	No
387	GOM_NL__2PRFIN20030205_200353_000000422013_00329_04892_5304.N1	05-FEB-2003 20:03:53	Dark	41.500	20	Bet Cru	1.2530	30000.	83	4892	No
388	GOM_NL__2PRFIN20030205_200515_000000502013_00329_04892_5305.N1	05-FEB-2003 20:05:15	Dark	49.500	64	Gam Cen	2.2000	10600.	99	4892	No
389	GOM_NL__2PRFIN20030205_200731_000000382013_00329_04892_5306.N1	05-FEB-2003 20:07:31	Dark	37.500	29	Bet Car	1.6720	10200.	75	4892	No
390	GOM_NL__2PRFIN20030205_200959_000000382013_00329_04892_5307.N1	05-FEB-2003 20:09:59	Dark	37.500	71	lot Car	2.2460	7700.0	75	4892	No
391	GOM_NL__2PRFIN20030205_201141_000000382013_00329_04892_5308.N1	05-FEB-2003 20:11:41	Dark	37.500	46	Del Vel	1.9540	10600.	75	4892	No
392	GOM_NL__2PRFIN20030205_201417_000000462013_00329_04892_5309.N1	05-FEB-2003 20:14:17	Straylight	45.500	65	Lam Vel	2.2040	4400.0	91	4892	No
393	GOM_NL__2PRFIN20030205_201614_000000372013_00329_04892_5310.N1	05-FEB-2003 20:16:14	Straylight	36.500	70	Zet Pup	2.2460	39000.	73	4892	No
394	GOM_NL__2PRFIN20030205_201733_000000442013_00329_04892_5311.N1	05-FEB-2003 20:17:33	Straylight	43.500	117	Pi Pup	2.7060	3800.0	87	4892	No
395	GOM_NL__2PRFIN20030205_202034_000000422013_00329_04892_5312.N1	05-FEB-2003 20:20:34	Straylight	41.500	132	15Rho Pup	2.8030	6900.0	83	4892	No
396	GOM_NL__2PRFIN20030205_202333_000000442013_00329_04892_5313.N1	05-FEB-2003 20:23:33	Straylight	44.000	1	9Alp CMa	-1.4400	11000.	88	4892	No

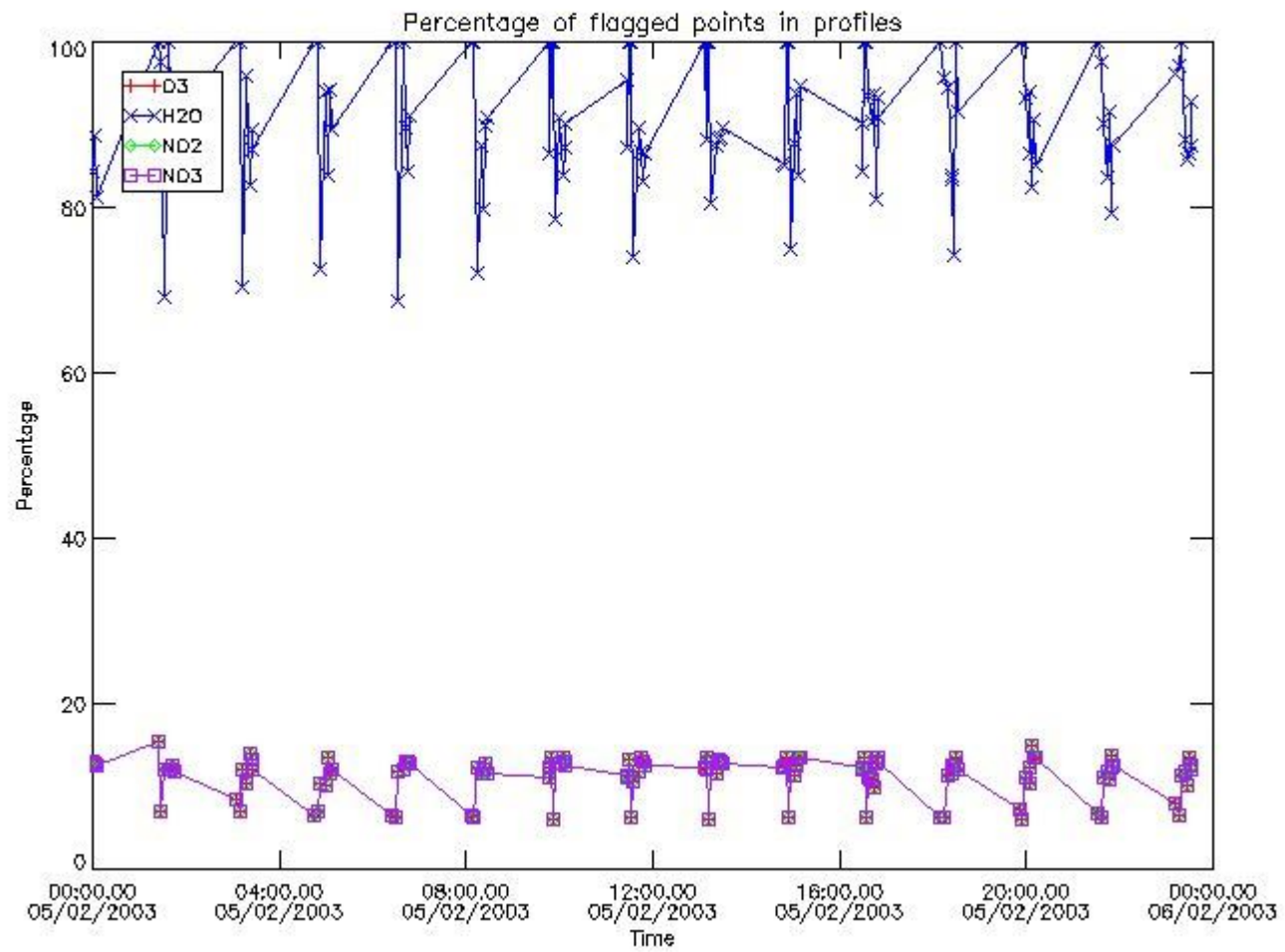
397	GOM_NL__2PRFIN20030205_202910_00000522013_00329_04892_5314.N1	05-FEB-2003 20:29:10	Twilight	52.000	8	10Alp CMI	0.40000	6500.0	104	4892	No
398	GOM_NL__2PRFIN20030205_203246_00000382013_00329_04892_5315.N1	05-FEB-2003 20:32:46	Bright	38.000	44	24Gam Gem	1.9280	11000.	76	4892	No
399	GOM_NL__2PRFIN20030205_203439_00000402013_00329_04892_5316.N1	05-FEB-2003 20:34:39	Bright	39.500	151	13Mu Gem	2.8900	3000.0	79	4892	No
400	GOM_NL__2PRFIN20030205_203646_00000382013_00329_04892_5317.N1	05-FEB-2003 20:36:46	Bright	38.000	24	66Alp Gem	1.5800	10200.	76	4892	No
401	GOM_NL__2PRFIN20030205_203900_00000372013_00329_04892_5318.N1	05-FEB-2003 20:39:00	Bright	37.000	107	37The Aur	2.6490	11000.	74	4892	No
402	GOM_NL__2PRFIN20030205_204102_00000372013_00329_04892_5319.N1	05-FEB-2003 20:41:02	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	4892	No
403	GOM_NL__2PRFIN20030205_204915_00000492013_00329_04892_5320.N1	05-FEB-2003 20:49:15	Bright	49.000	82	48Bet UMa	2.3650	10600.	98	4892	No
404	GOM_NL__2PRFIN20030205_205303_00000372013_00329_04892_5321.N1	05-FEB-2003 20:53:03	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	4892	No
405	GOM_NL__2PRFIN20030205_205551_00000422013_00329_04892_5322.N1	05-FEB-2003 20:55:51	Bright	42.000	60	7Bet UMi	2.0810	3950.0	84	4892	No
406	GOM_NL__2PRFIN20030205_205928_00000362013_00329_04892_5323.N1	05-FEB-2003 20:59:28	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	4892	No
407	GOM_NL__2PRFIN20030205_210400_00000392013_00329_04892_5324.N1	05-FEB-2003 21:04:00	Bright	39.000	130	23Bet Dra	2.7990	5800.0	78	4892	No
408	GOM_NL__2PRFIN20030205_210616_00000362013_00329_04892_5325.N1	05-FEB-2003 21:06:16	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	4892	No
409	GOM_NL__2PRFIN20030205_210748_00000362013_00329_04892_5326.N1	05-FEB-2003 21:07:48	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	4892	No
410	GOM_NL__2PRFIN20030205_211050_00000472013_00329_04892_5327.N1	05-FEB-2003 21:10:50	Bright	47.000	133	40Zet Her	2.8070	6000.0	94	4892	No
411	GOM_NL__2PRFIN20030205_211547_000001532013_00329_04892_5328.N1	05-FEB-2003 21:15:47	Twilight	152.50	83		2.3780	11000.	305	4892	No
412	GOM_NL__2PRFIN20030205_212505_00000472013_00329_04892_5329.N1	05-FEB-2003 21:25:05	Twilight	47.000	86	35Eta Oph	2.4300	10200.	94	4892	No
413	GOM_NL__2PRFIN20030205_212704_00000422013_00329_04892_5330.N1	05-FEB-2003 21:27:04	Twilight	42.000	116	19Del Sgr	2.7000	4100.0	84	4892	No
414	GOM_NL__2PRFIN20030205_212815_00000422013_00329_04892_5331.N1	05-FEB-2003 21:28:15	Twilight	41.500	38	20Eps Sgr	1.8360	11000.	83	4892	No
415	GOM_NL__2PRFIN20030205_213059_00000772013_00329_04892_5332.N1	05-FEB-2003 21:30:59	Dark	76.500	104	27Bet Lib	2.6140	13100.	153	4892	No
416	GOM_NL__2PRFIN20030205_213541_00000832013_00329_04892_5333.N1	05-FEB-2003 21:35:41	Dark	83.000	122	9Alp2Lib	2.7470	9700.0	166	4892	No
417	GOM_NL__2PRFIN20030205_213910_00000462013_00330_04893_5303.N1	05-FEB-2003 21:39:10	Dark	46.000	78	Alp Lup	2.3040	28000.	92	4893	No
418	GOM_NL__2PRFIN20030205_214430_00000432013_00330_04893_5304.N1	05-FEB-2003 21:44:30	Dark	43.000	20	Bet Cru	1.2530	30000.	86	4893	No
419	GOM_NL__2PRFIN20030205_214552_00000482013_00330_04893_5305.N1	05-FEB-2003 21:45:52	Dark	47.500	64	Gam Cen	2.2000	10600.	95	4893	No
420	GOM_NL__2PRFIN20030205_214808_00000422013_00330_04893_5306.N1	05-FEB-2003 21:48:08	Dark	41.500	29	Bet Car	1.6720	10200.	83	4893	No
421	GOM_NL__2PRFIN20030205_215035_00000412013_00330_04893_5307.N1	05-FEB-2003 21:50:35	Dark	41.000	71	lot Car	2.2460	7700.0	82	4893	No
422	GOM_NL__2PRFIN20030205_215217_00000412013_00330_04893_5308.N1	05-FEB-2003 21:52:17	Dark	40.500	46	Del Vel	1.9540	10600.	81	4893	No
423	GOM_NL__2PRFIN20030205_215453_00000522013_00330_04893_5309.N1	05-FEB-2003 21:54:53	Straylight	52.000	65	Lam Vel	2.2040	4400.0	104	4893	No
424	GOM_NL__2PRFIN20030205_215650_00000392013_00330_04893_5310.N1	05-FEB-2003 21:56:50	Straylight	38.500	70	Zet Pup	2.2460	39000.	77	4893	No
425	GOM_NL__2PRFIN20030205_215809_00000422013_00330_04893_5311.N1	05-FEB-2003 21:58:09	Straylight	41.500	117	Pi Pup	2.7060	3800.0	83	4893	No
426	GOM_NL__2PRFIN20030205_220110_00000422013_00330_04893_5312.N1	05-FEB-2003 22:01:10	Straylight	41.500	132	15Rho Pup	2.8030	6900.0	83	4893	No
427	GOM_NL__2PRFIN20030205_220408_00000472013_00330_04893_5313.N1	05-FEB-2003 22:04:08	Straylight	46.500	1	9Alp CMa	-1.4400	11000.	93	4893	No
428	GOM_NL__2PRFIN20030205_220946_00000482013_00330_04893_5314.N1	05-FEB-2003 22:09:46	Twilight	47.500	8	10Alp CMI	0.40000	6500.0	95	4893	No
429	GOM_NL__2PRFIN20030205_221322_00000372013_00330_04893_5315.N1	05-FEB-2003 22:13:22	Bright	37.000	44	24Gam Gem	1.9280	11000.	74	4893	No
430	GOM_NL__2PRFIN20030205_221515_00000392013_00330_04893_5316.N1	05-FEB-2003 22:15:15	Bright	38.500	151	13Mu Gem	2.8900	3000.0	77	4893	No
431	GOM_NL__2PRFIN20030205_221722_00000392013_00330_04893_5317.N1	05-FEB-2003 22:17:22	Bright	38.500	24	66Alp Gem	1.5800	10200.	77	4893	No
432	GOM_NL__2PRFIN20030205_221936_00000372013_00330_04893_5318.N1	05-FEB-2003 22:19:36	Bright	36.500	107	37The Aur	2.6490	11000.	73	4893	No
433	GOM_NL__2PRFIN20030205_222139_00000382013_00330_04893_5319.N1	05-FEB-2003 22:21:39	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	4893	No
434	GOM_NL__2PRFIN20030205_222950_00000492013_00330_04893_5320.N1	05-FEB-2003 22:29:50	Bright	49.000	82	48Bet UMa	2.3650	10600.	98	4893	No
435	GOM_NL__2PRFIN20030205_223339_00000332013_00330_04893_5321.N1	05-FEB-2003 22:33:39	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	4893	No
436	GOM_NL__2PRFIN20030205_223626_00000432013_00330_04893_5322.N1	05-FEB-2003 22:36:26	Bright	42.500	60	7Bet UMi	2.0810	3950.0	85	4893	No
437	GOM_NL__2PRFIN20030205_224004_00000372013_00330_04893_5323.N1	05-FEB-2003 22:40:04	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	4893	No
438	GOM_NL__2PRFIN20030205_224435_00000392013_00330_04893_5324.N1	05-FEB-2003 22:44:35	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	4893	No
439	GOM_NL__2PRFIN20030205_224652_00000352013_00330_04893_5325.N1	05-FEB-2003 22:46:52	Bright	34.500	66	37Gam Cyg	2.2080	5900.0	69	4893	No
440	GOM_NL__2PRFIN20030205_224824_00000352013_00330_04893_5326.N1	05-FEB-2003 22:48:24	Bright	34.500	5	3Alp Lyr	0.033000	11000.	69	4893	No
441	GOM_NL__2PRFIN20030205_225126_00000482013_00330_04893_5327.N1	05-FEB-2003 22:51:26	Bright	48.000	133	40Zet Her	2.8070	6000.0	96	4893	No
442	GOM_NL__2PRFIN20030205_225623_000001512013_00330_04893_5328.N1	05-FEB-2003 22:56:23	Twilight	150.50	83		2.3780	11000.	301	4893	No
443	GOM_NL__2PRFIN20030205_230541_00000452013_00330_04893_5329.N1	05-FEB-2003 23:05:41	Twilight	45.000	86	35Eta Oph	2.4300	10200.	90	4893	No
444	GOM_NL__2PRFIN20030205_230740_00000442013_00330_04893_5330.N1	05-FEB-2003 23:07:40	Twilight	43.500	116	19Del Sgr	2.7000	4100.0	87	4893	No
445	GOM_NL__2PRFIN20030205_230851_00000432013_00330_04893_5331.N1	05-FEB-2003 23:08:51	Twilight	43.000	38	20Eps Sgr	1.8360	11000.	86	4893	No
446	GOM_NL__2PRFIN20030205_231136_00000772013_00330_04893_5332.N1	05-FEB-2003 23:11:36	Dark	76.500	104	27Bet Lib	2.6140	13100.	153	4893	No
447	GOM_NL__2PRFIN20030205_231616_00000852013_00330_04893_5333.N1	05-FEB-2003 23:16:16	Dark	85.000	122	9Alp2Lib	2.7470	9700.0	170	4893	No
448	GOM_NL__2PRFIN20030205_231947_00000452013_00331_04894_5303.N1	05-FEB-2003 23:19:47	Dark	45.000	78	Alp Lup	2.3040	28000.	90	4894	No
449	GOM_NL__2PRFIN20030205_232506_00000432013_00331_04894_5304.N1	05-FEB-2003 23:25:06	Dark	43.000	20	Bet Cru	1.2530	30000.	86	4894	No
450	GOM_NL__2PRFIN20030205_232628_00000502013_00331_04894_5305.N1	05-FEB-2003 23:26:28	Dark	50.000	64	Gam Cen	2.2000	10600.	100	4894	No
451	GOM_NL__2PRFIN20030205_232844_00000382013_00331_04894_5306.N1	05-FEB-2003 23:28:44	Dark	37.500	29	Bet Car	1.6720	10200.	75	4894	No
452	GOM_NL__2PRFIN20030205_233111_00000412013_00331_04894_5307.N1	05-FEB-2003 23:31:11	Dark	40.500	71	lot Car	2.2460	7700.0	81	4894	No
453	GOM_NL__2PRFIN20030205_233253_00000432013_00331_04894_5308.N1	05-FEB-2003 23:32:53	Dark	42.500	46	Del Vel	1.9540	10600.	85	4894	No
454	GOM_NL__2PRFIN20030205_233529_00000522013_00331_04894_5309.N1	05-FEB-2003 23:35:29	Straylight	52.000	65	Lam Vel	2.2040	4400.0	104	4894	No
455	GOM_NL__2PRFIN20030205_233726_00000402013_00331_04894_5310.N1	05-FEB-2003 23:37:26	Straylight	40.000	70	Zet Pup	2.2460	39000.	80	4894	No

456	GOM_NL__2PRFIN20030205_233845_000000422013_00331_04894_5311.N1	05-FEB-2003 23:38:45	Straylight	42.000	117	Pi Pup	2.7060	3800.0	84	4894	No
457	GOM_NL__2PRFIN20030205_234146_000000442013_00331_04894_5312.N1	05-FEB-2003 23:41:46	Straylight	43.500	132	15Rho Pup	2.8030	6900.0	87	4894	No
458	GOM_NL__2PRFIN20030205_234445_000000472013_00331_04894_5313.N1	05-FEB-2003 23:44:45	Straylight	46.500	1	9Alp CMa	-1.4400	11000.	93	4894	No
459	GOM_NL__2PRFIN20030205_235022_000000522013_00331_04894_5314.N1	05-FEB-2003 23:50:22	Twilight_and_stray	52.000	8	10Alp CMi	0.40000	6500.0	104	4894	No
460	GOM_NL__2PRFIN20030205_235358_000000392013_00331_04894_5315.N1	05-FEB-2003 23:53:58	Bright	38.500	44	24Gam Gem	1.9280	11000.	77	4894	No
461	GOM_NL__2PRFIN20030205_235551_000000392013_00331_04894_5316.N1	05-FEB-2003 23:55:51	Bright	39.000	151	13Mu Gem	2.8900	3000.0	78	4894	No
462	GOM_NL__2PRFIN20030205_235757_000000382013_00331_04894_5317.N1	05-FEB-2003 23:57:57	Bright	38.000	24	66Alp Gem	1.5800	10200.	76	4894	No

3. Quality information per product

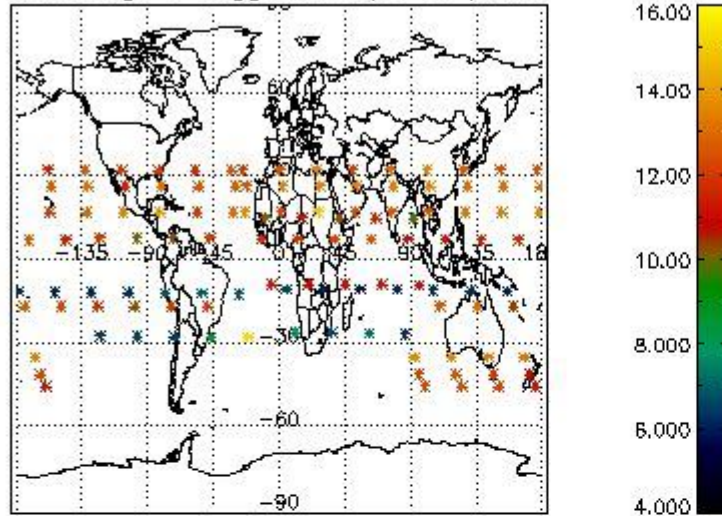
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

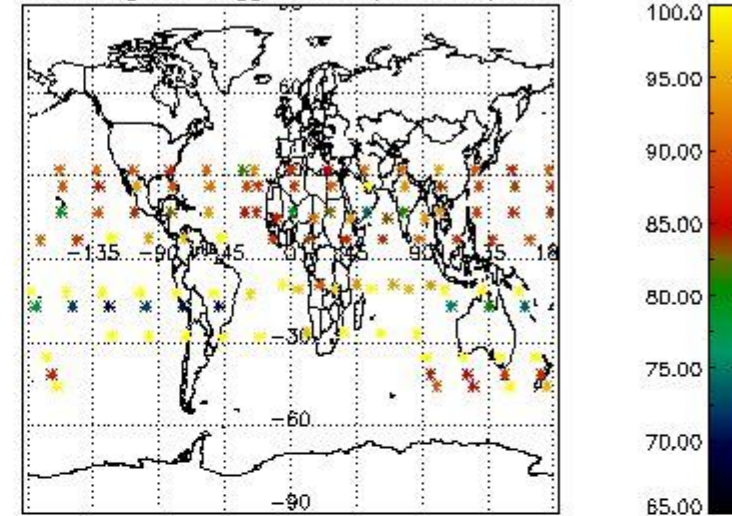


3.2 Plot quality information per product (world map)

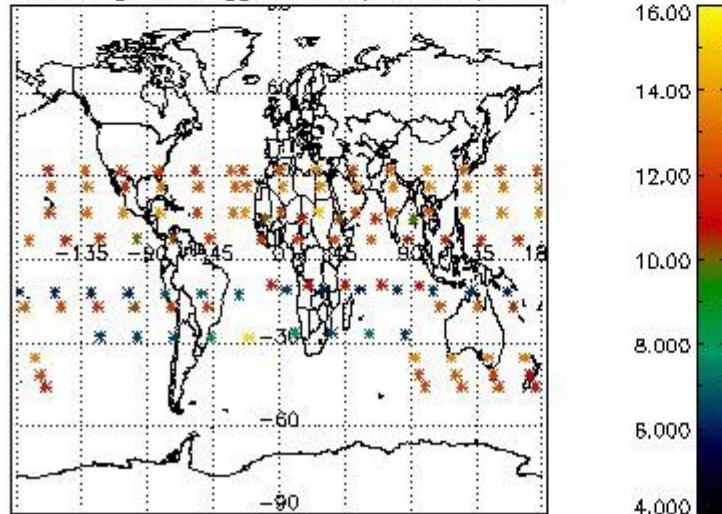
Percentage of flagged data per O3 profile



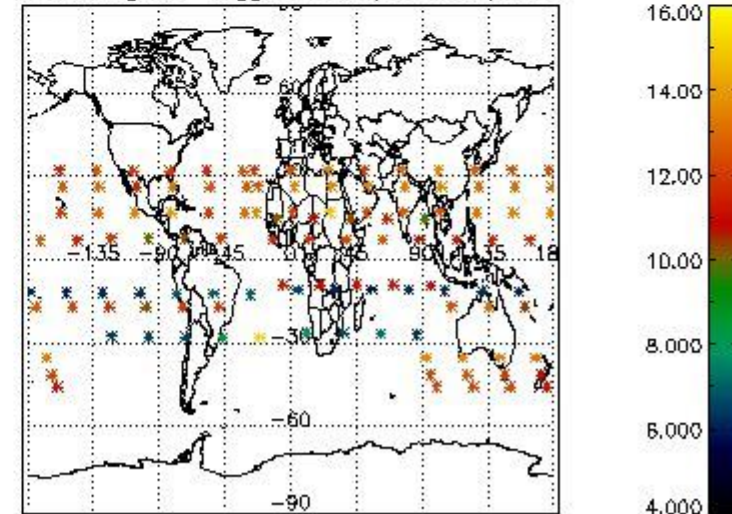
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

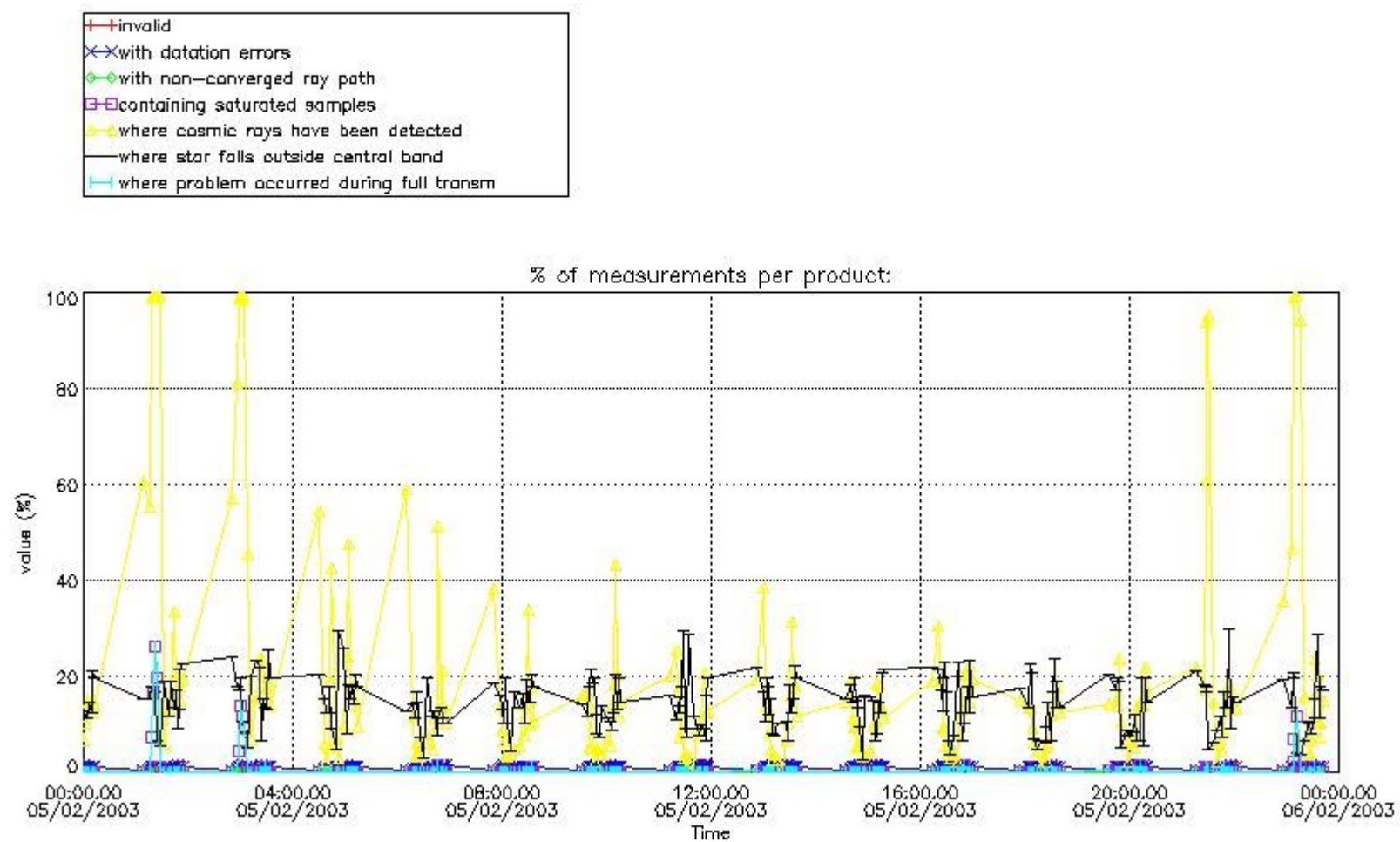


4. Level 1 quality information per product

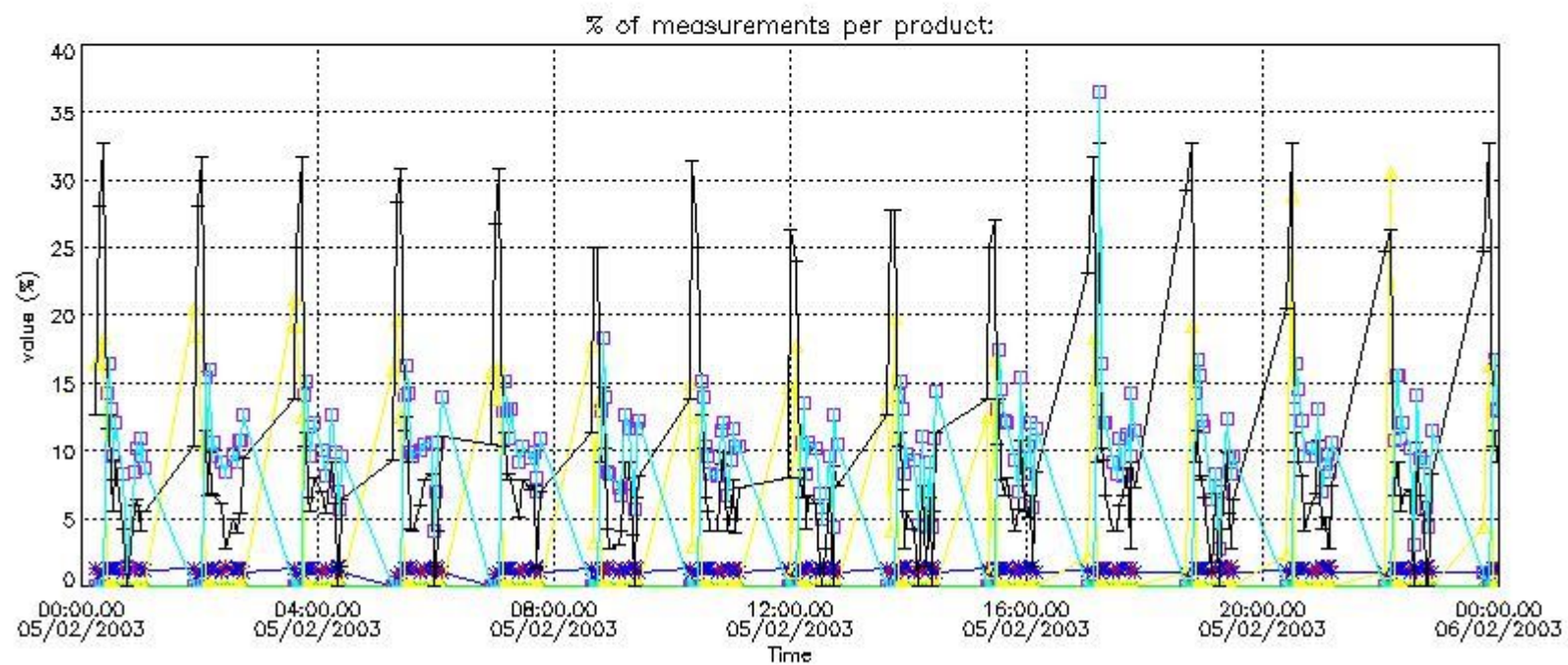
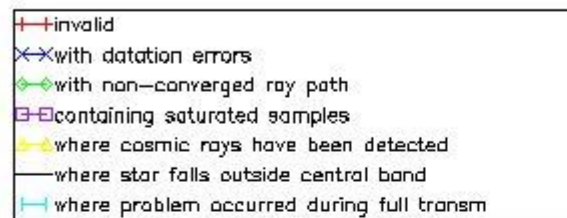
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

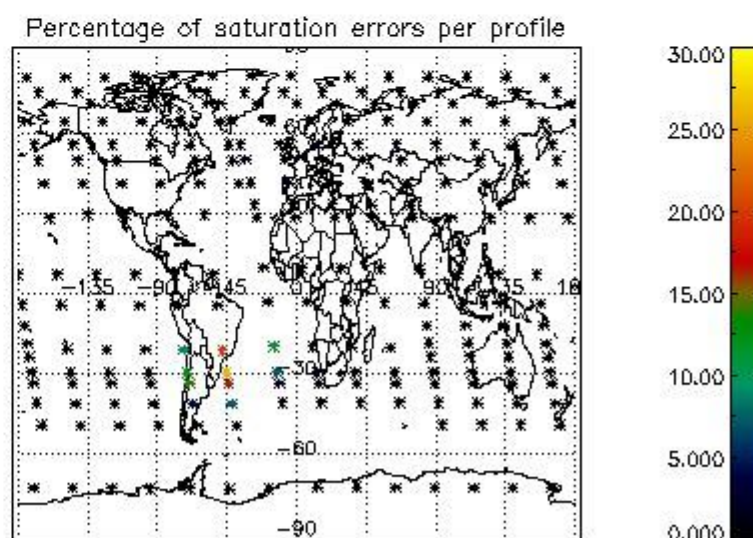
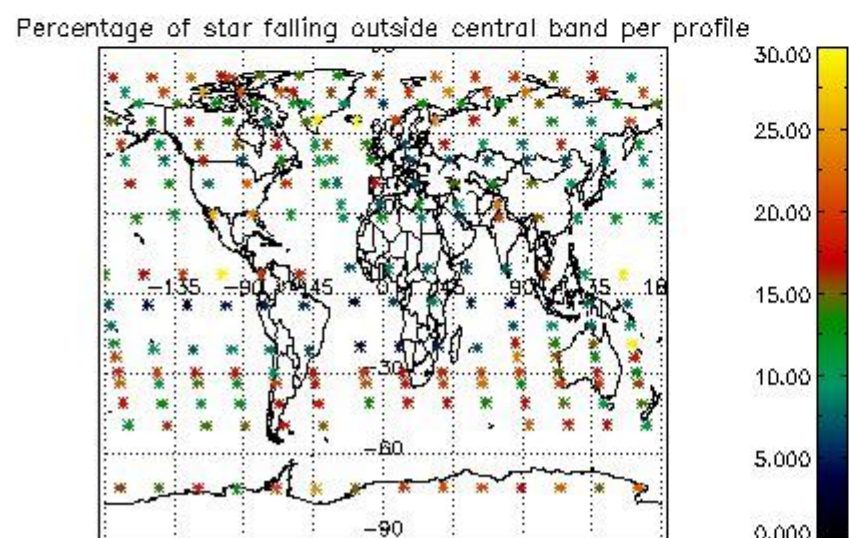
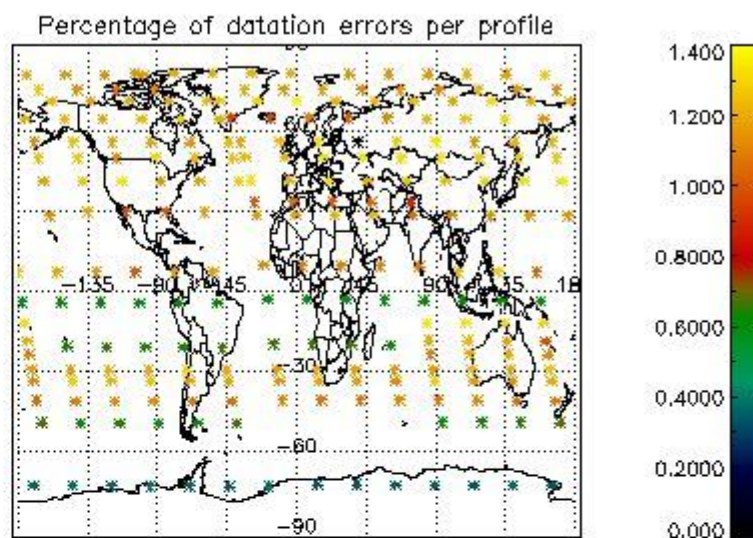
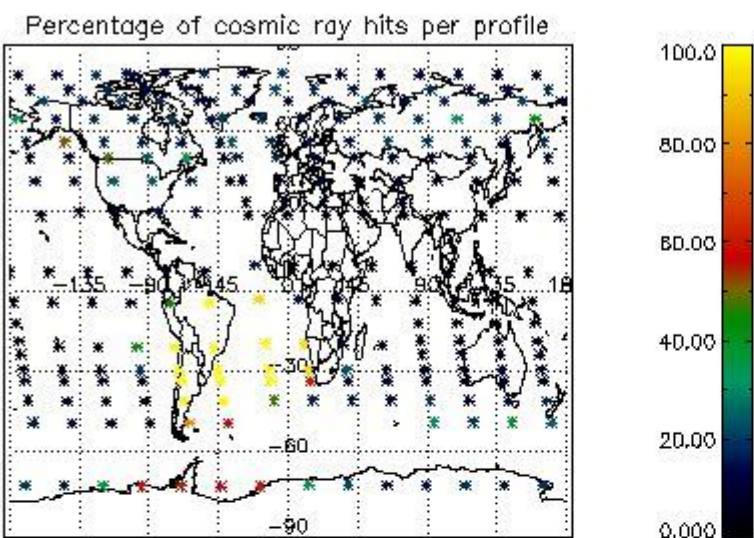


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

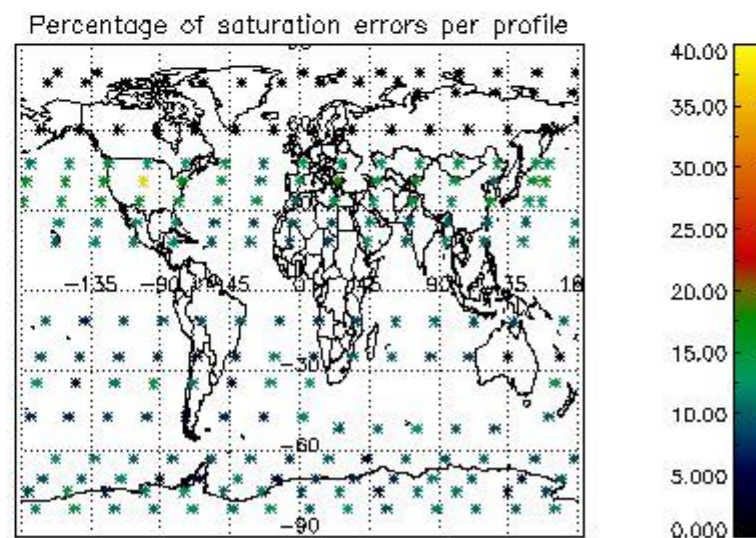
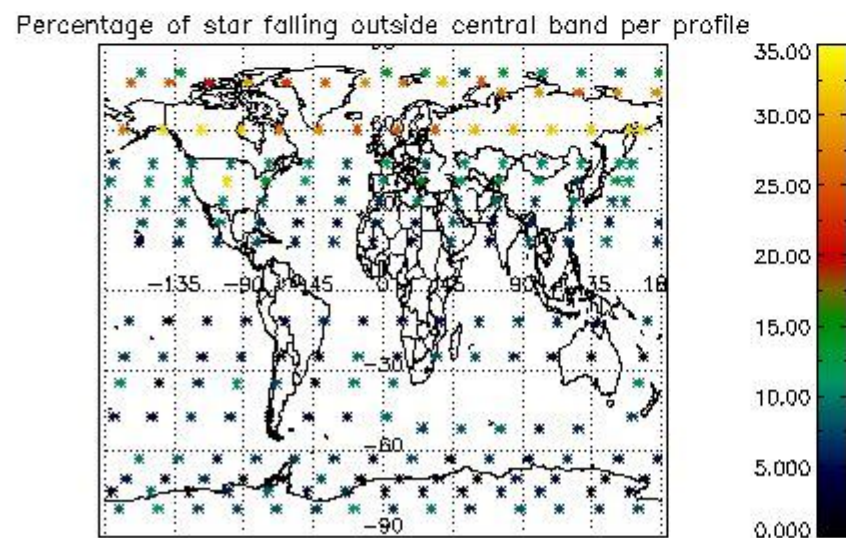
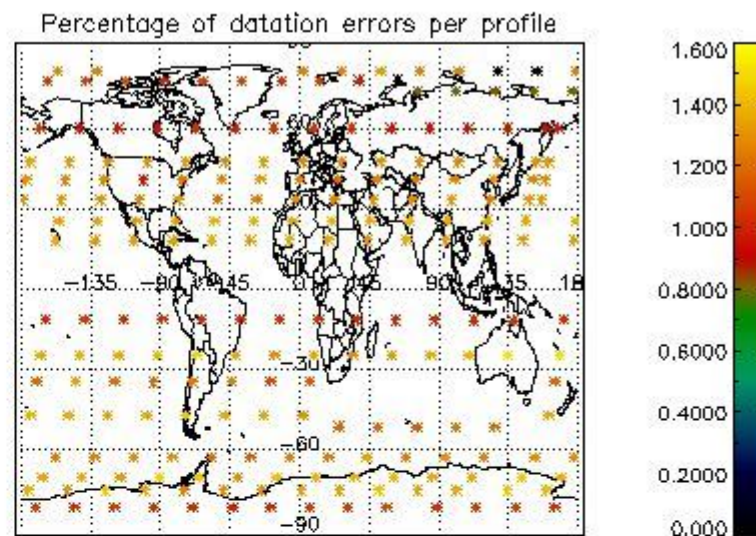
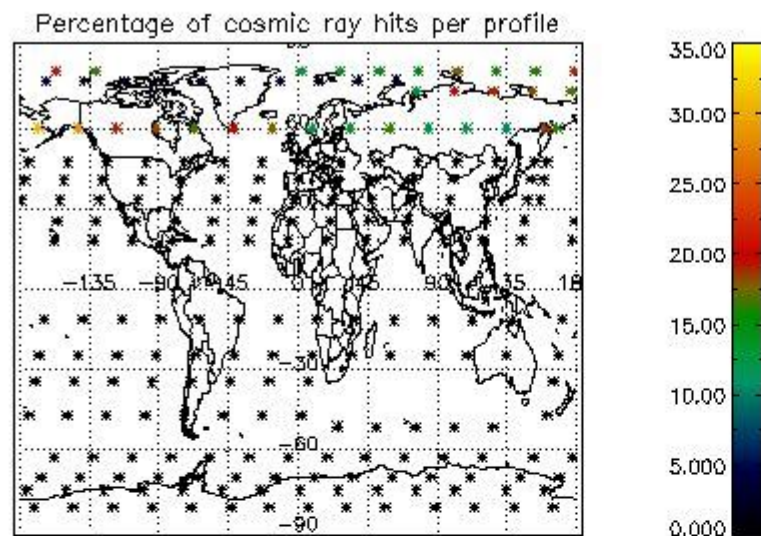


4.2 Plot quality information per product coming from level 1b processing (world map)

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

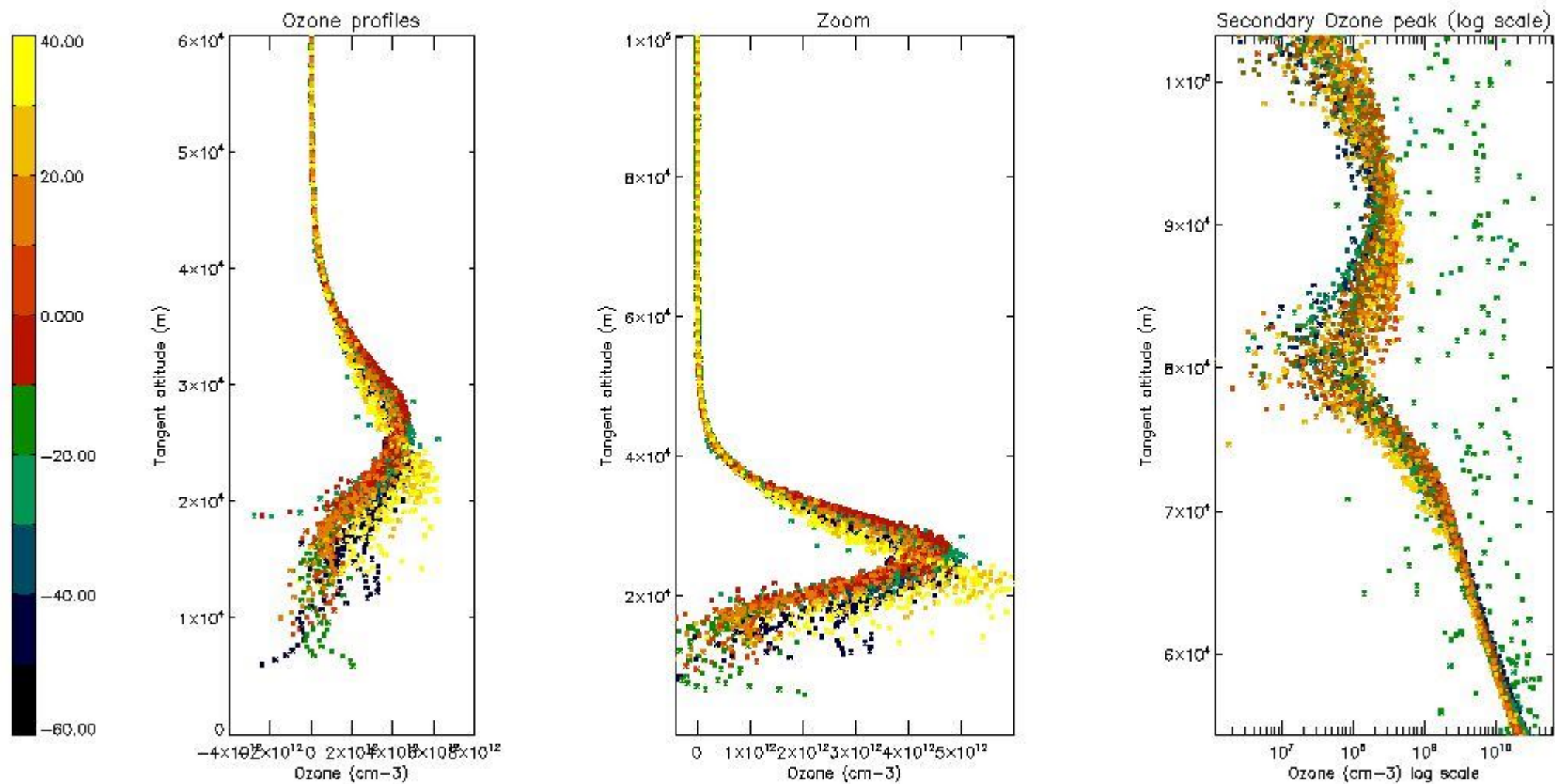
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	27
STD < 20	16

STD < 10	14
STD < 5	11

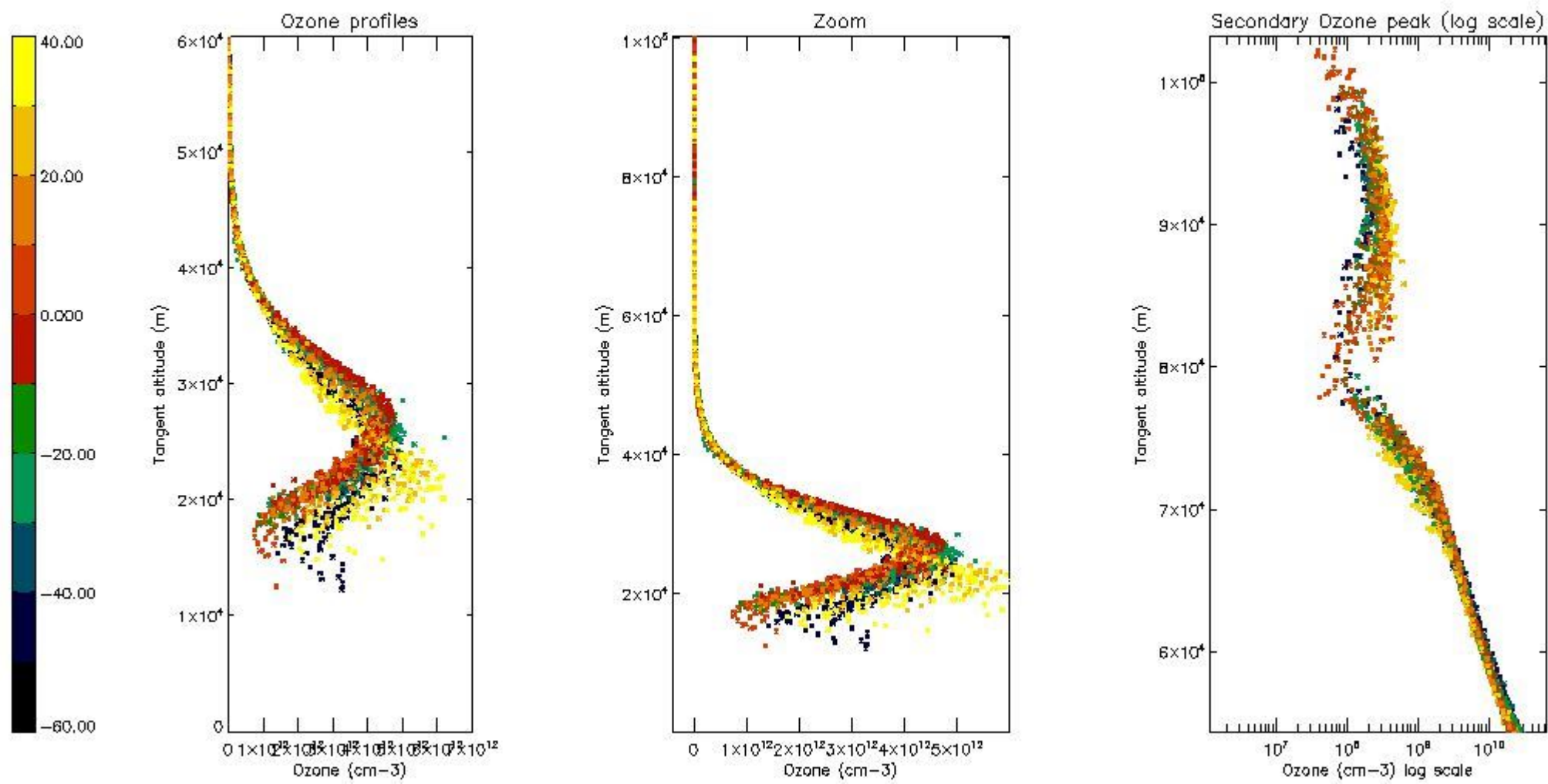
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



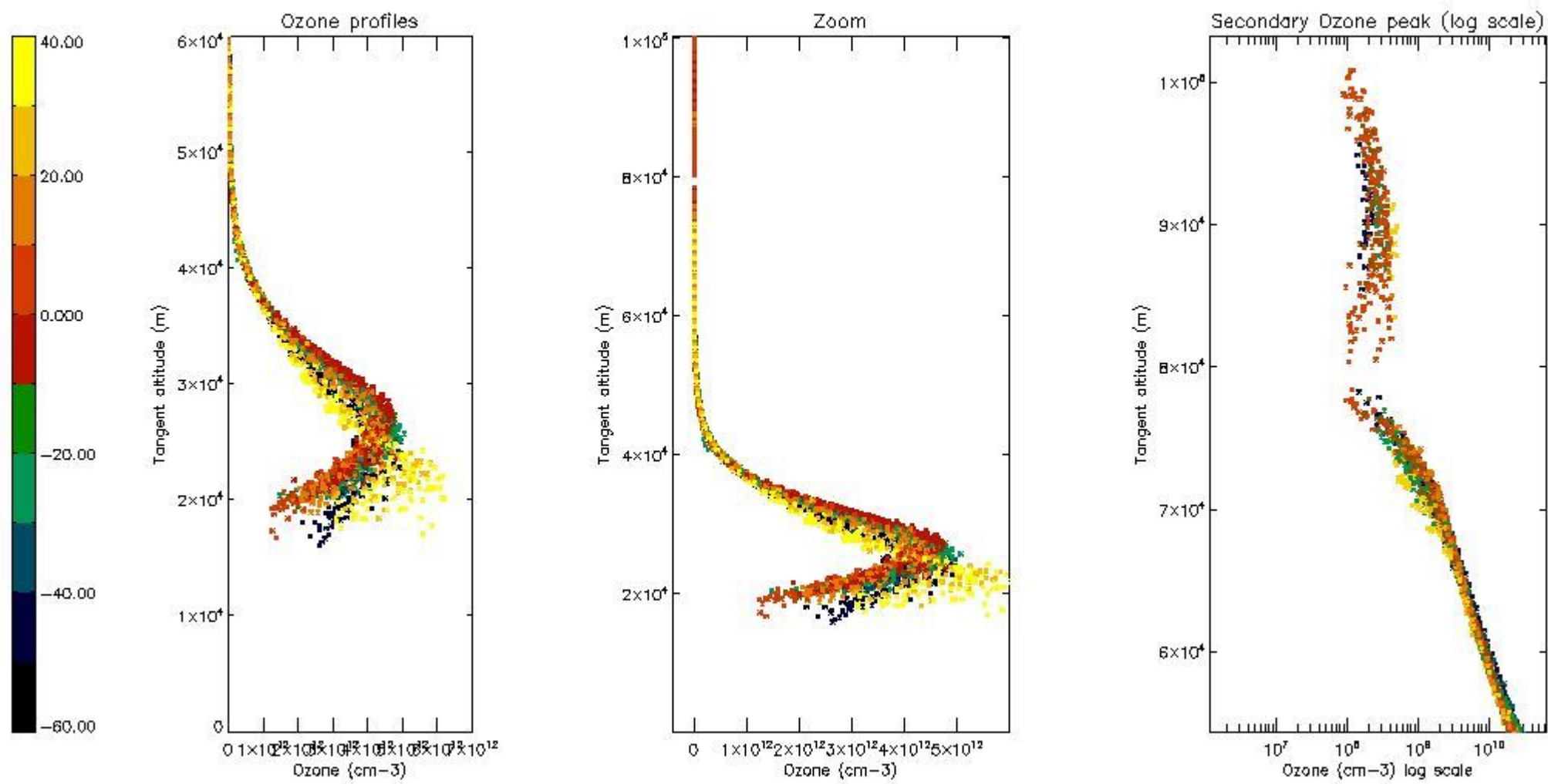
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



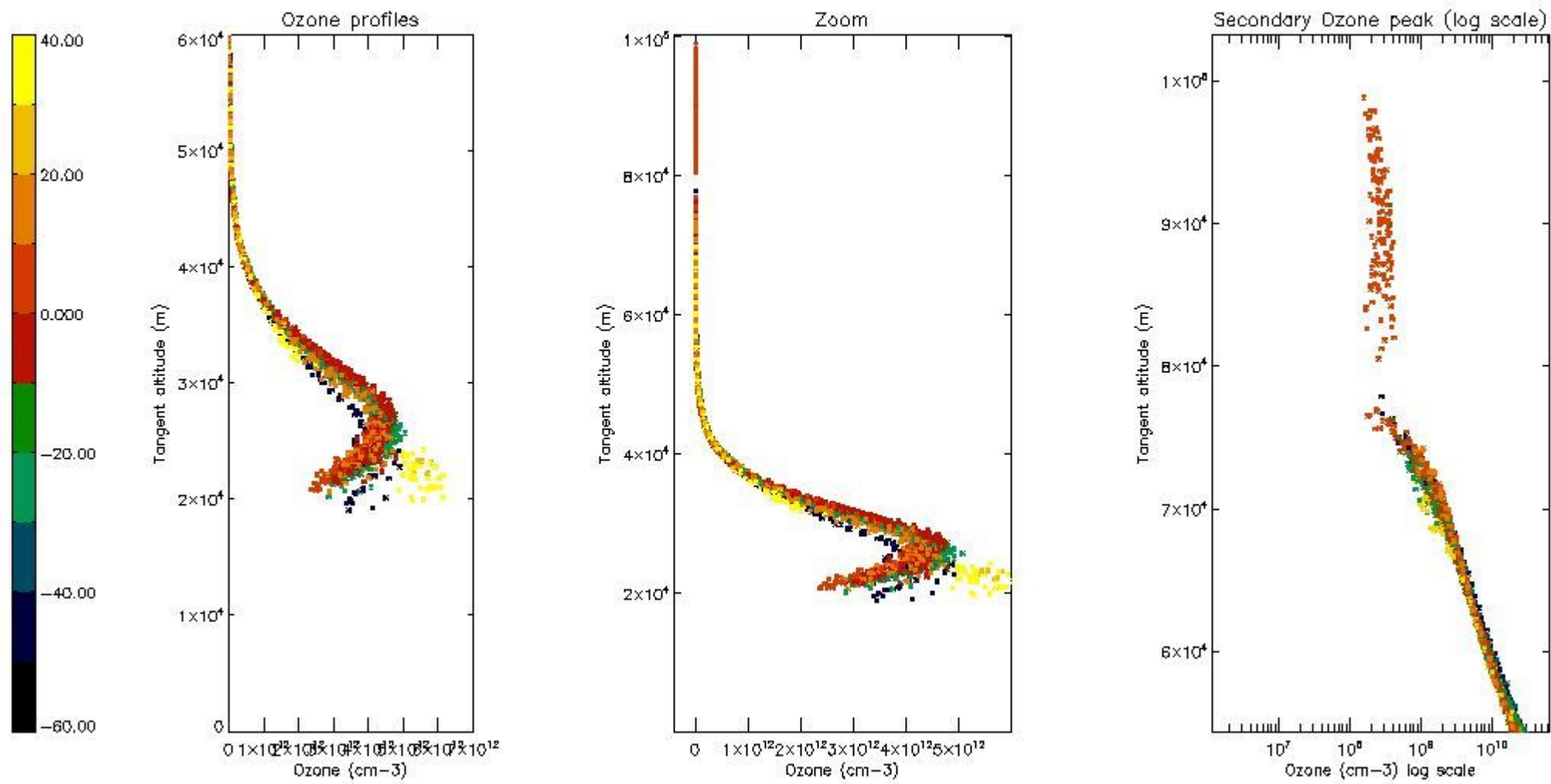
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



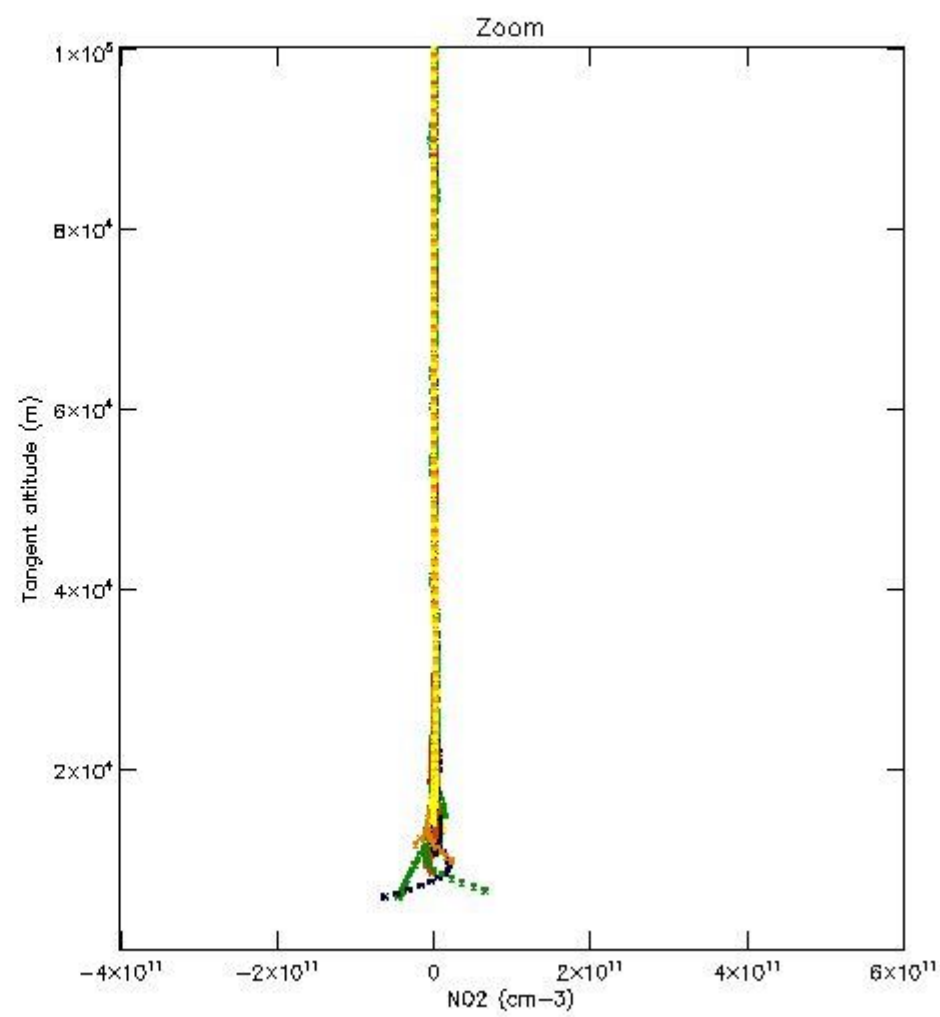
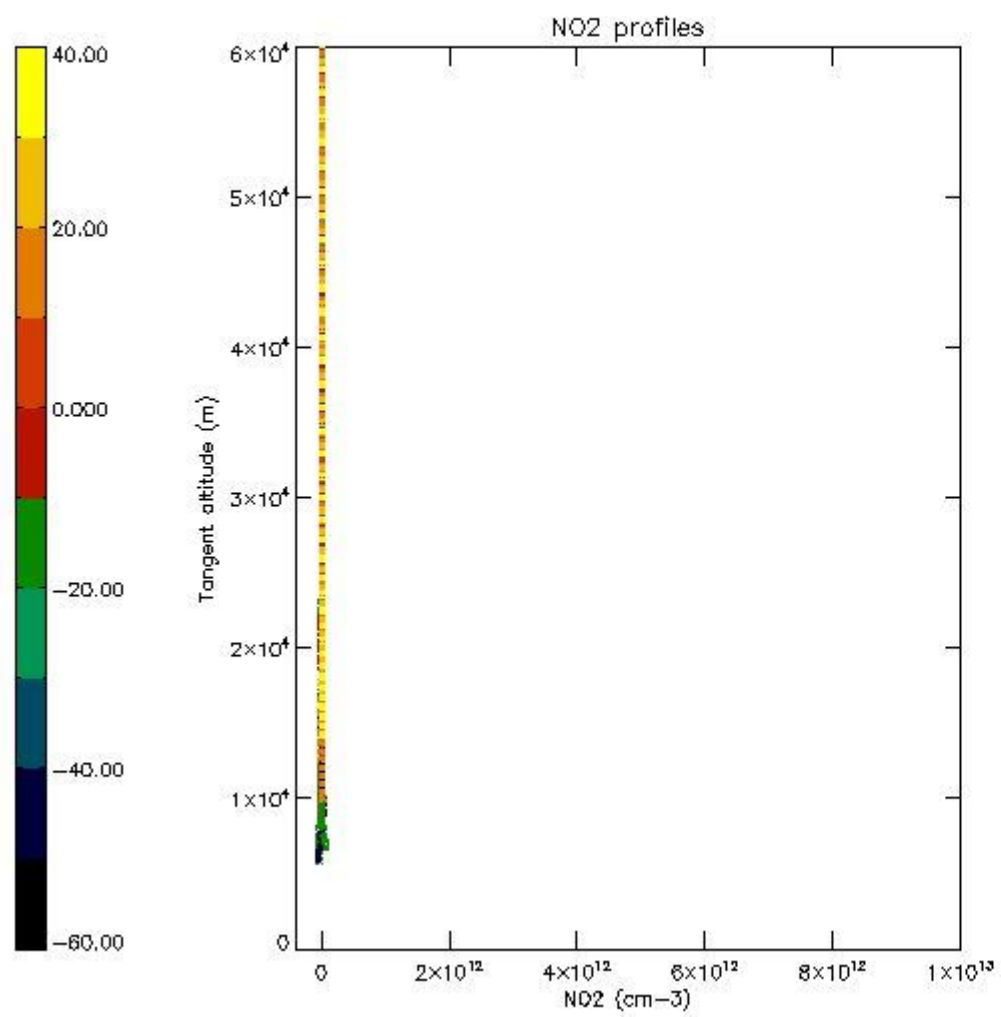
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



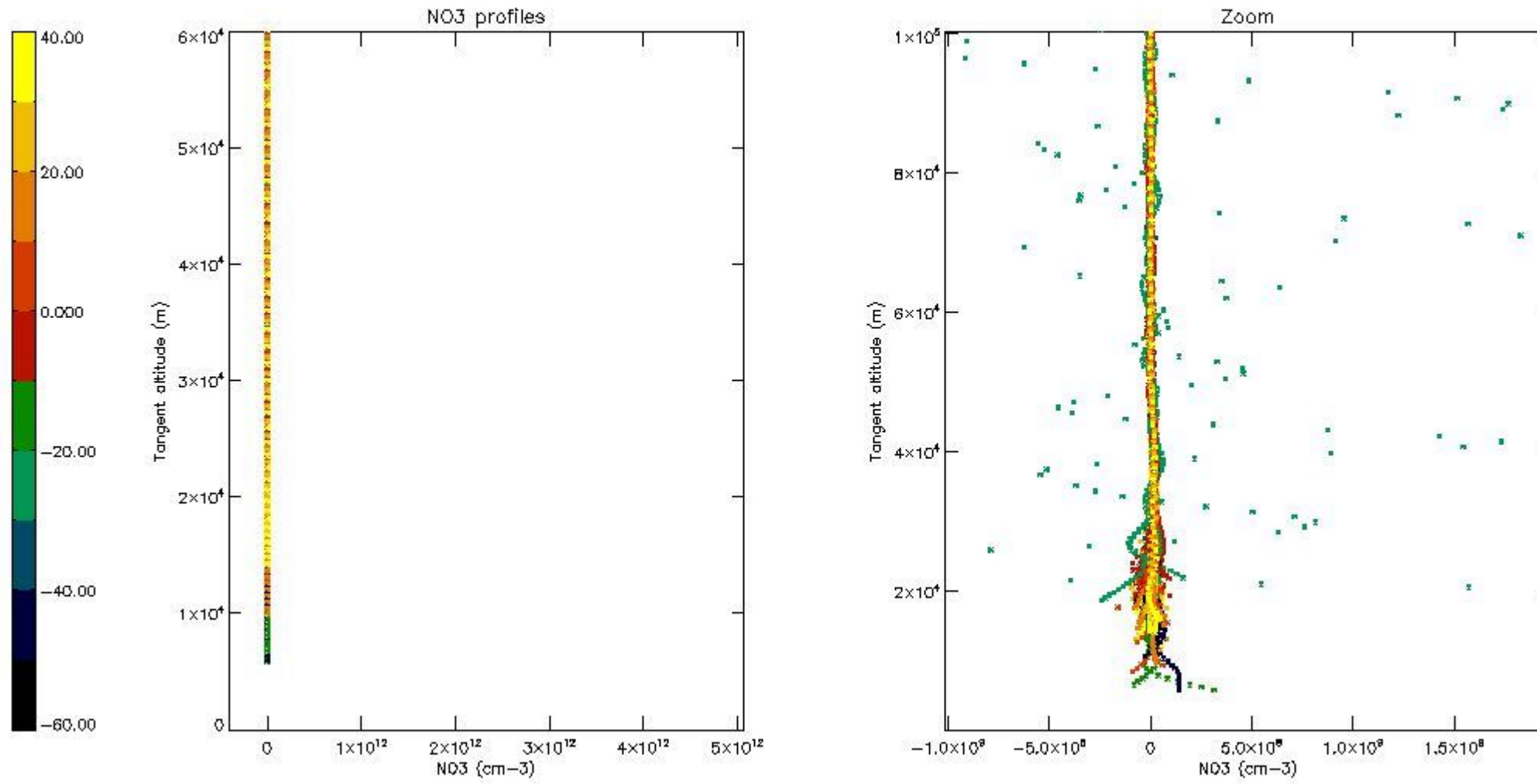
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

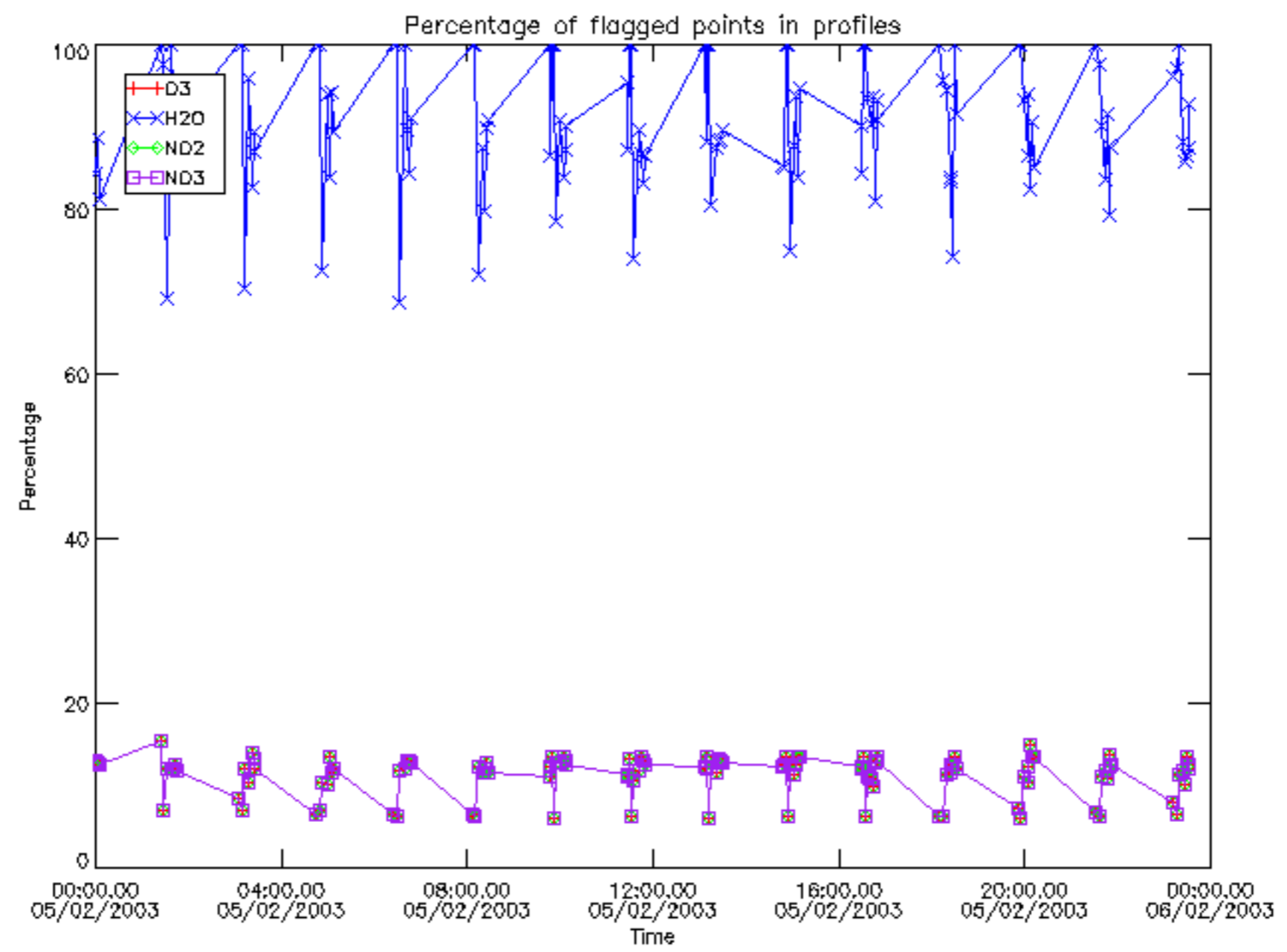
The colorbar represents the latitude.



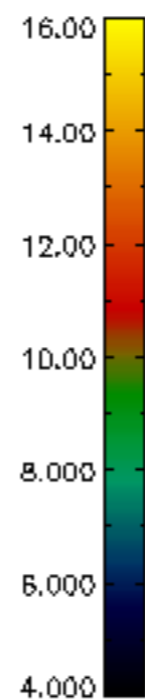
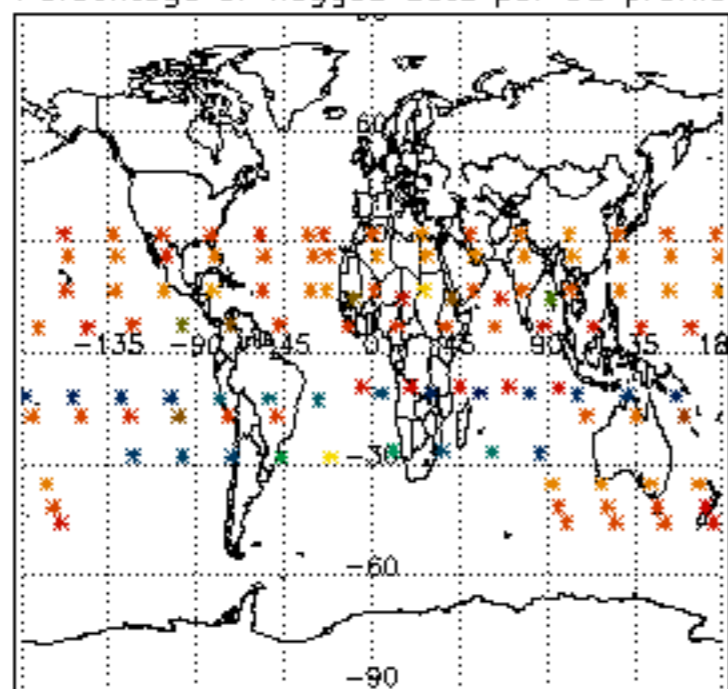
6. Auxiliary Data Files used for the production reported in section 2

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.

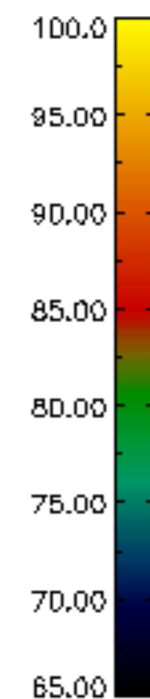
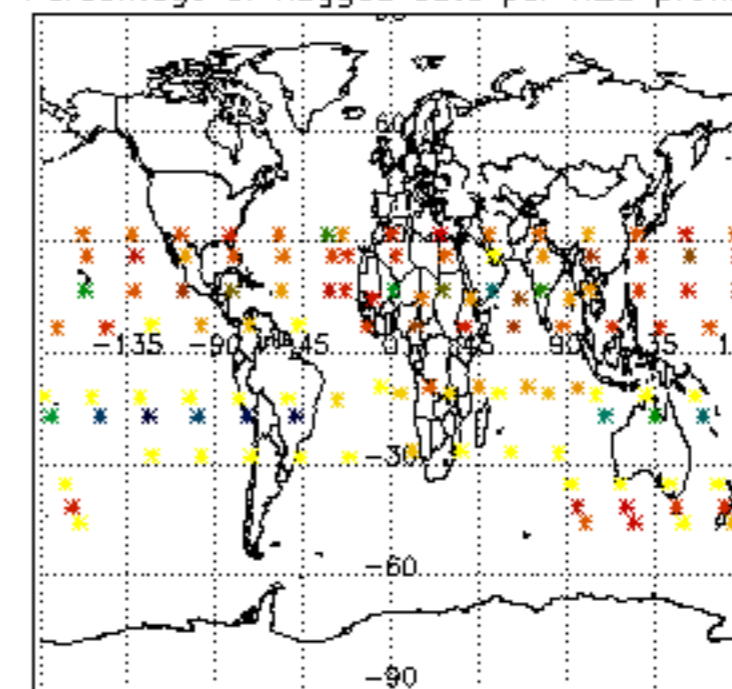
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXNIEC20050627_150440_20020301_000000_20100101_000000	1	05-FEB-2003 00:00:18
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	05-FEB-2003 00:00:18
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	05-FEB-2003 00:00:18



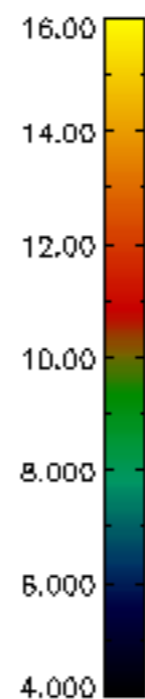
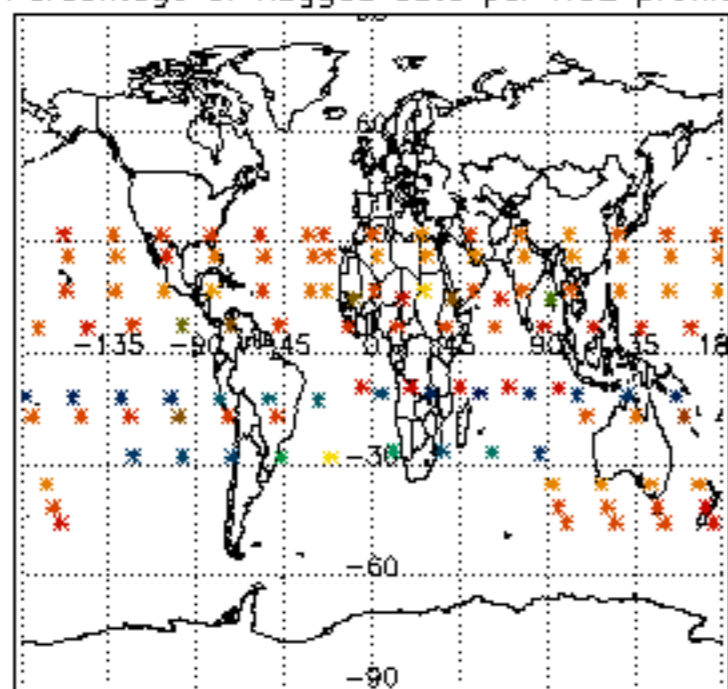
Percentage of flagged data per D3 profile



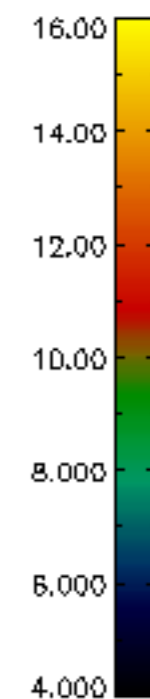
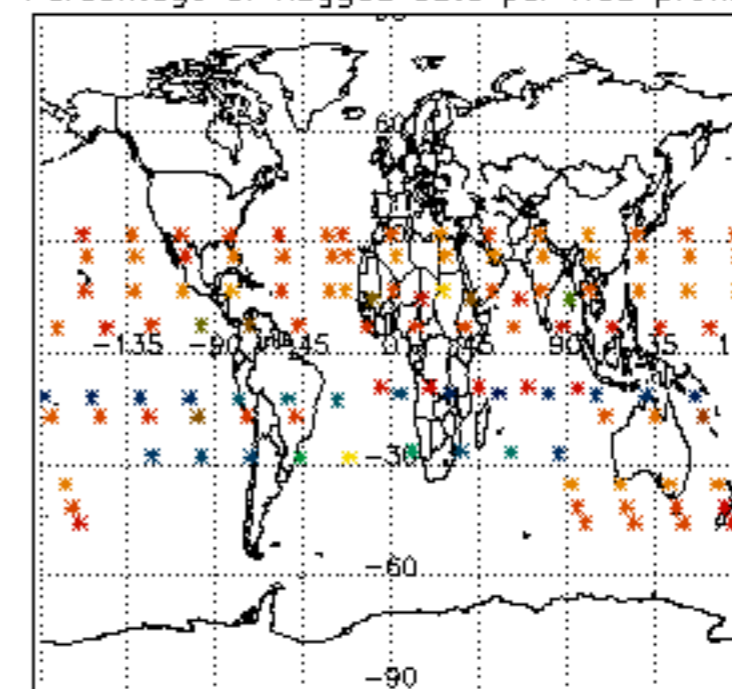
Percentage of flagged data per H2O profile

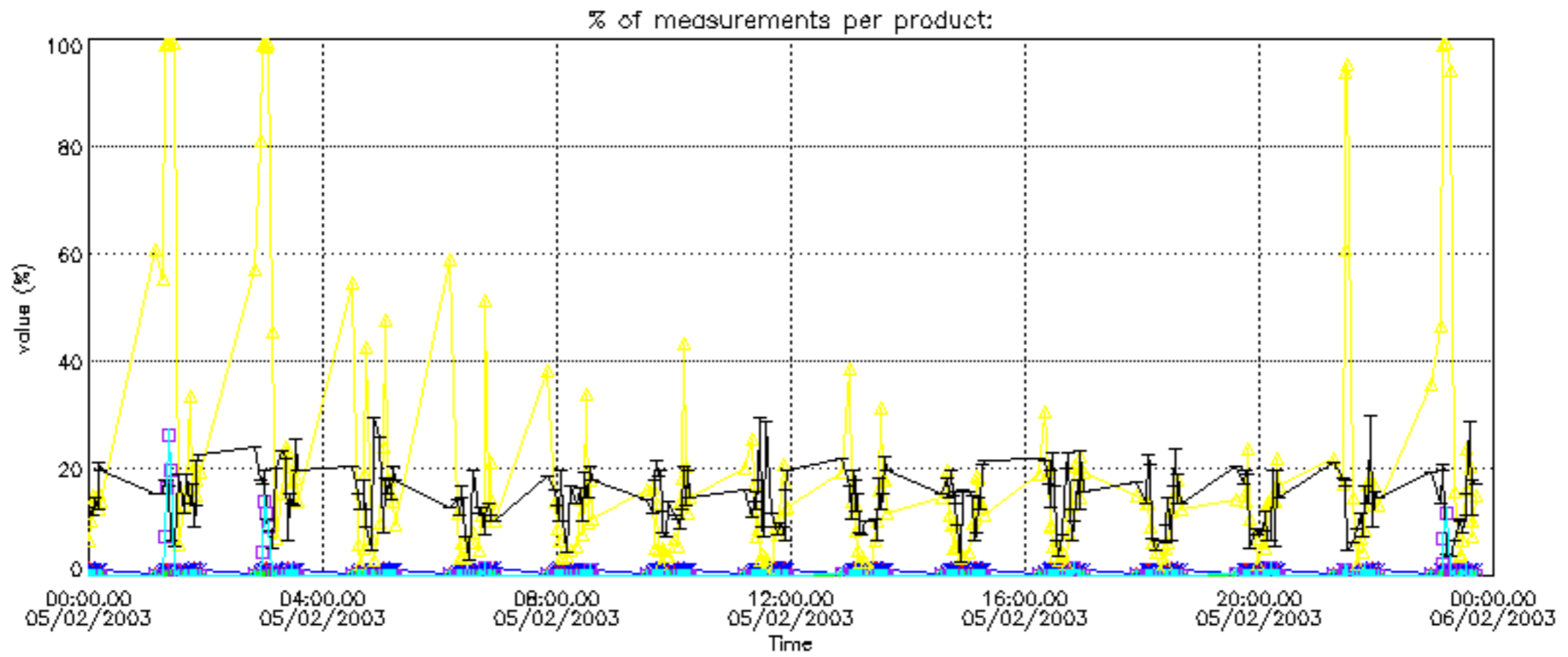
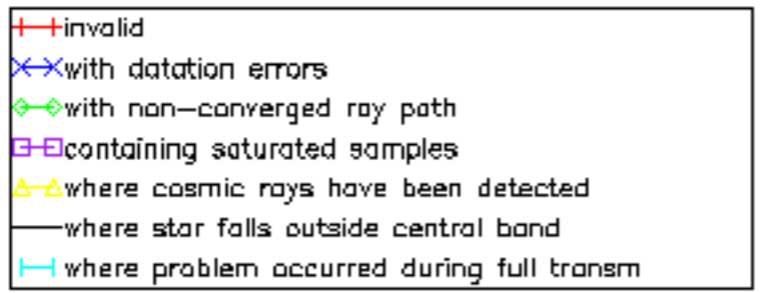


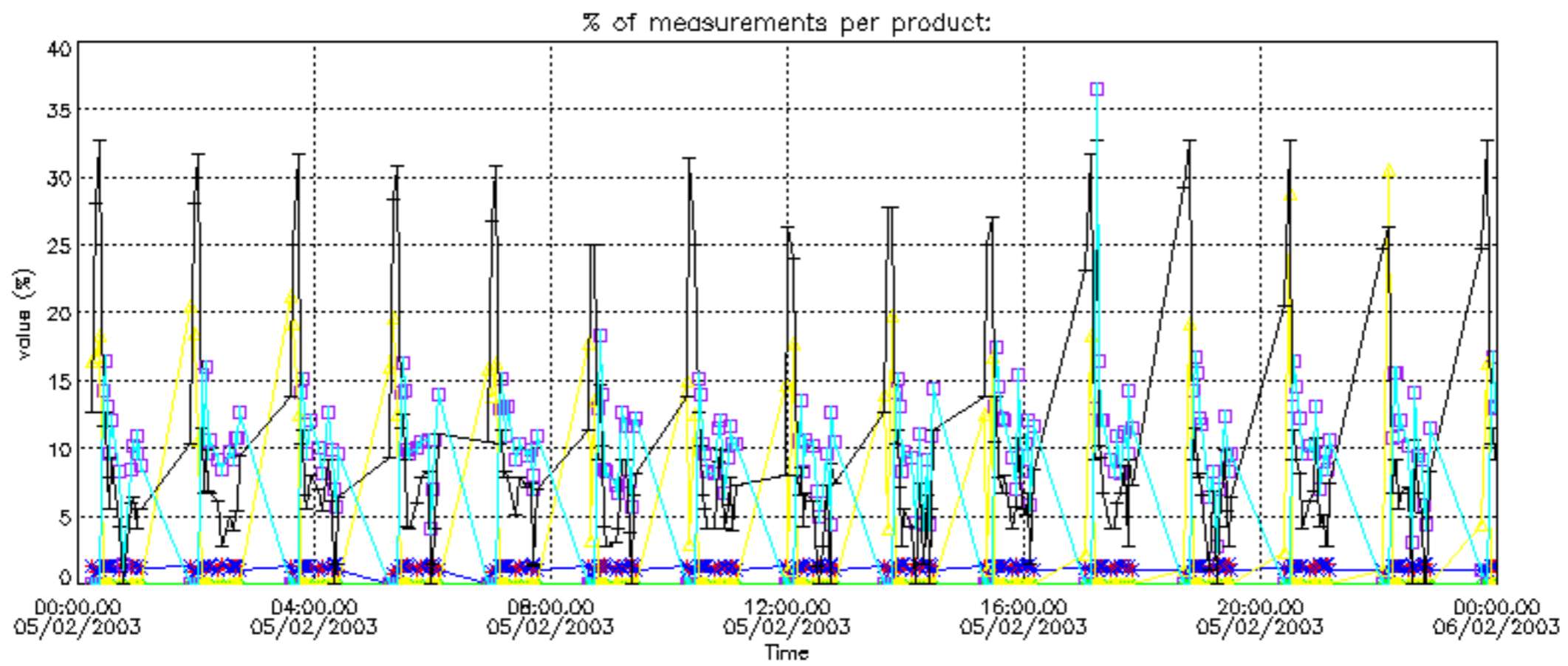
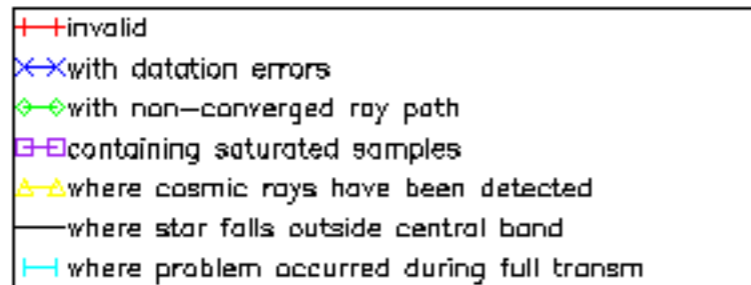
Percentage of flagged data per NO2 profile



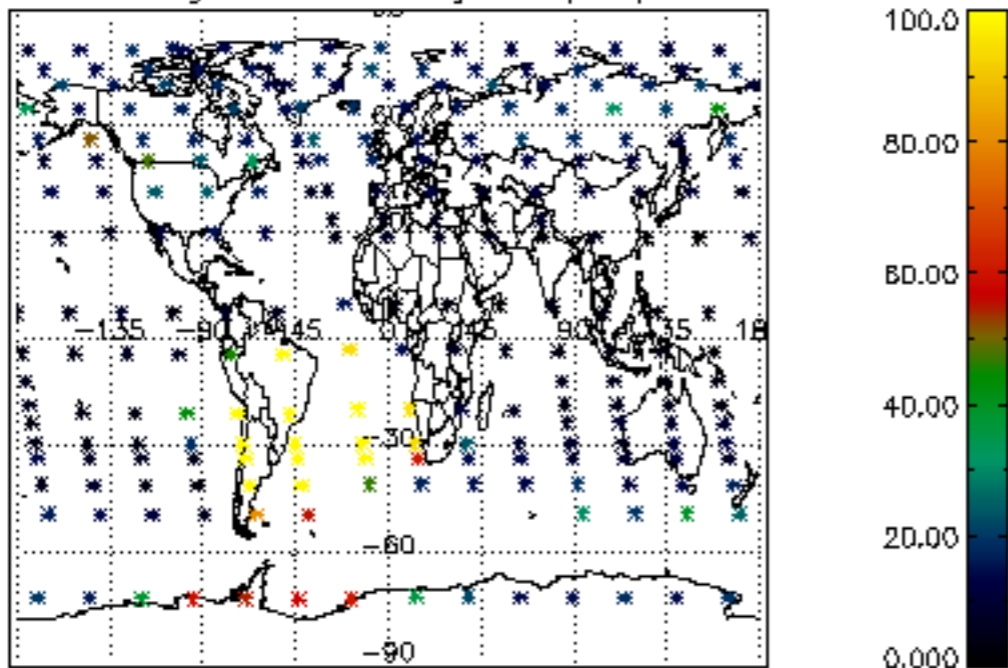
Percentage of flagged data per NO3 profile



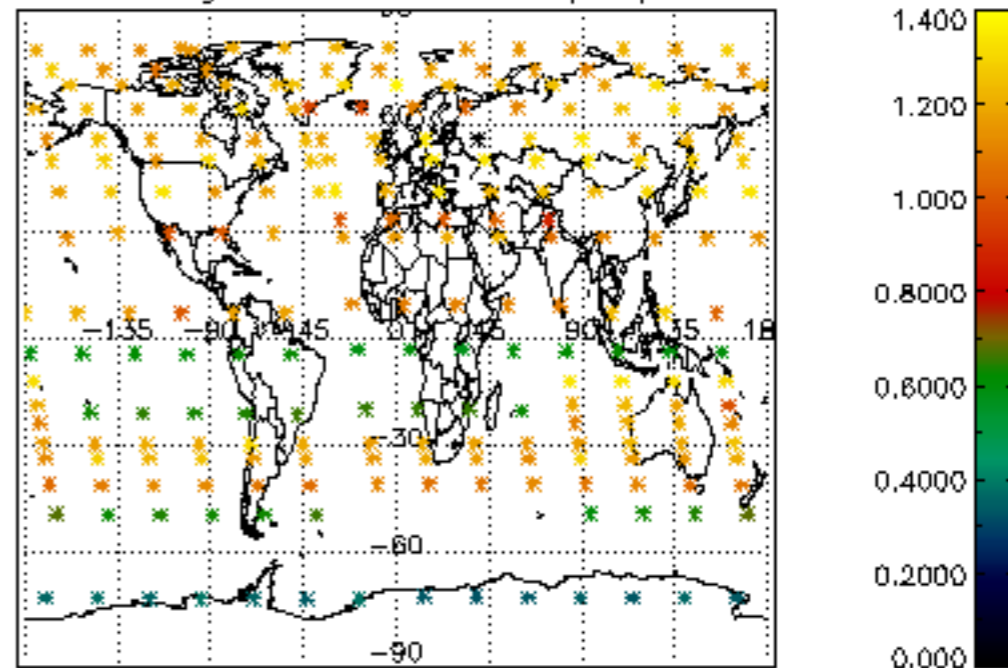




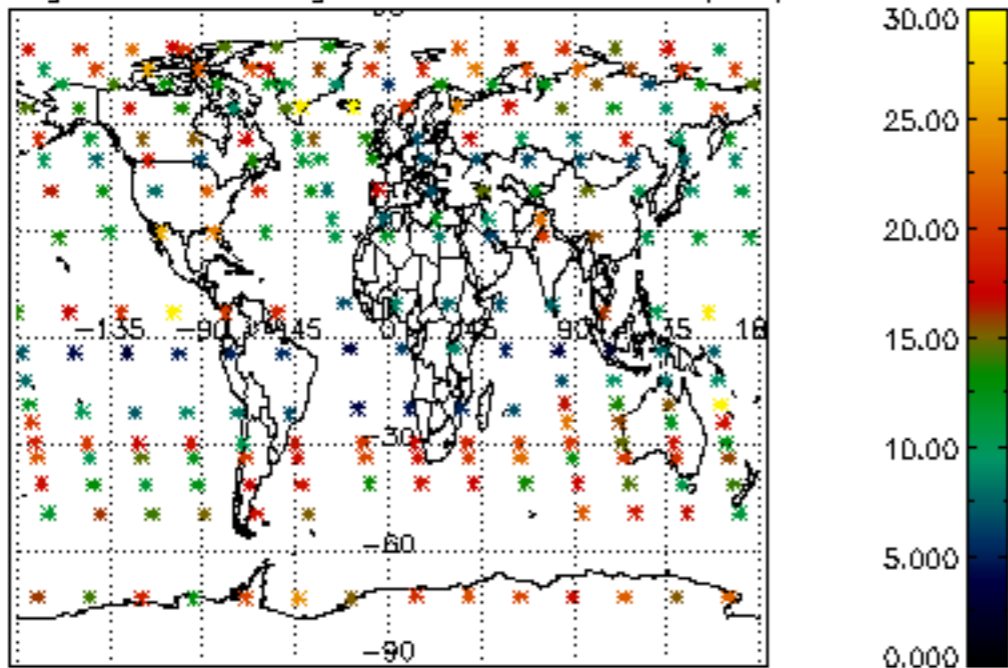
Percentage of cosmic ray hits per profile



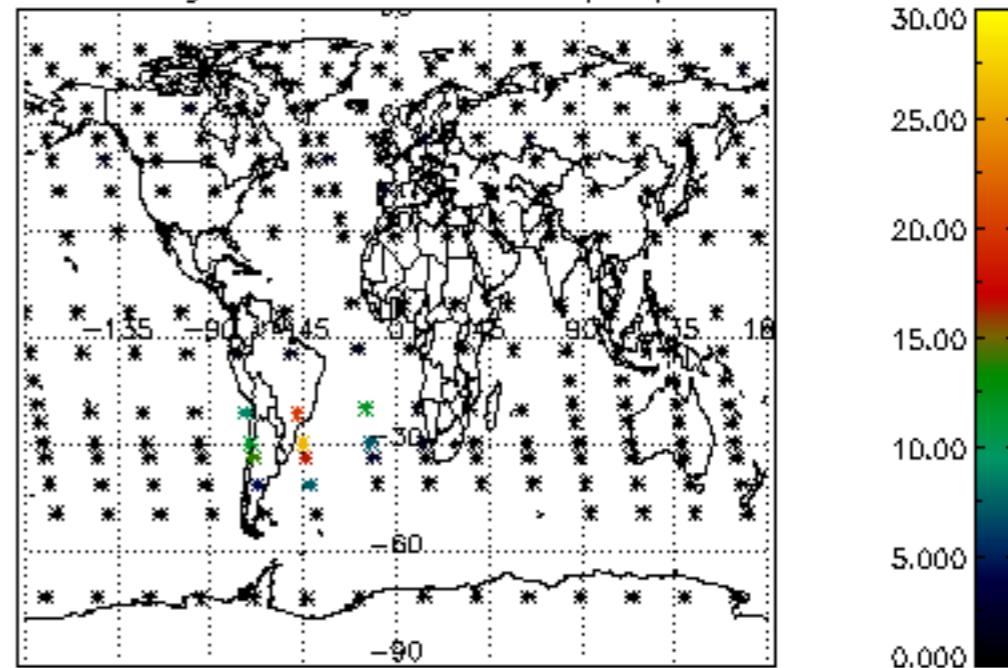
Percentage of datation errors per profile



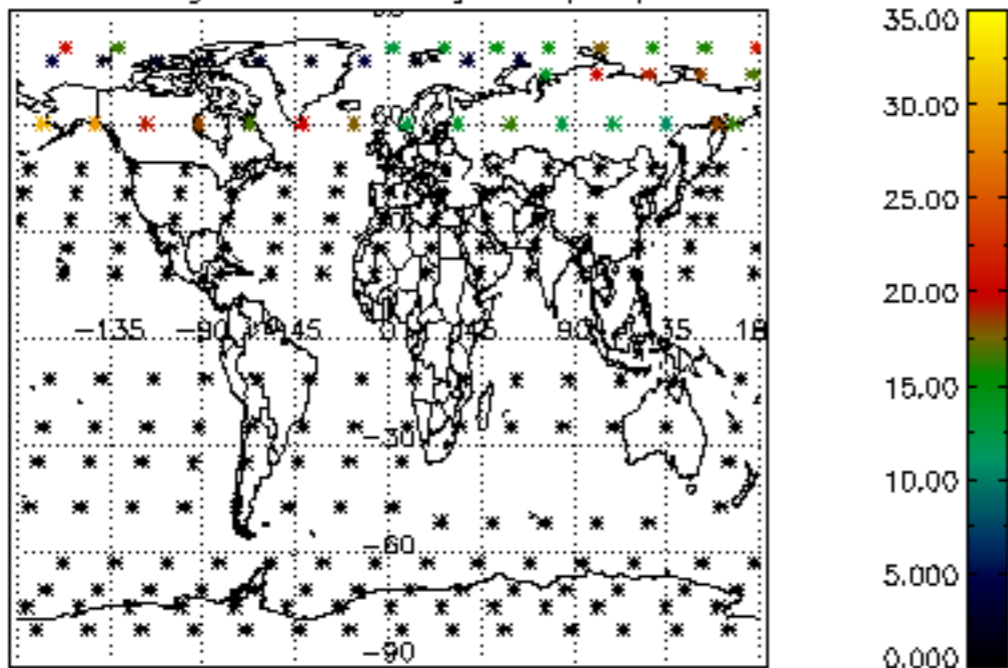
Percentage of star falling outside central band per profile



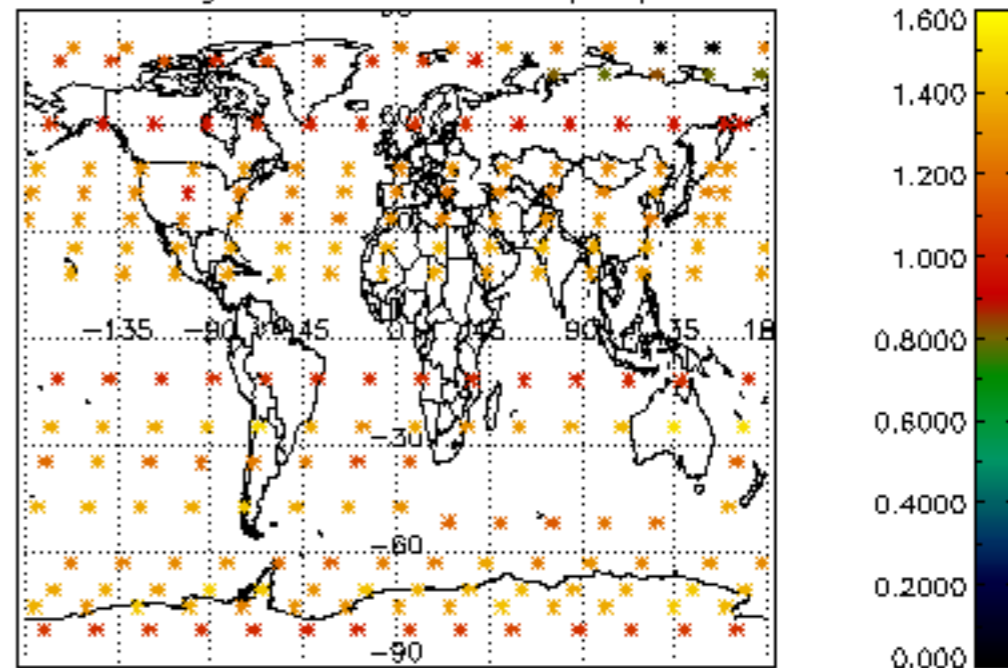
Percentage of saturation errors per profile



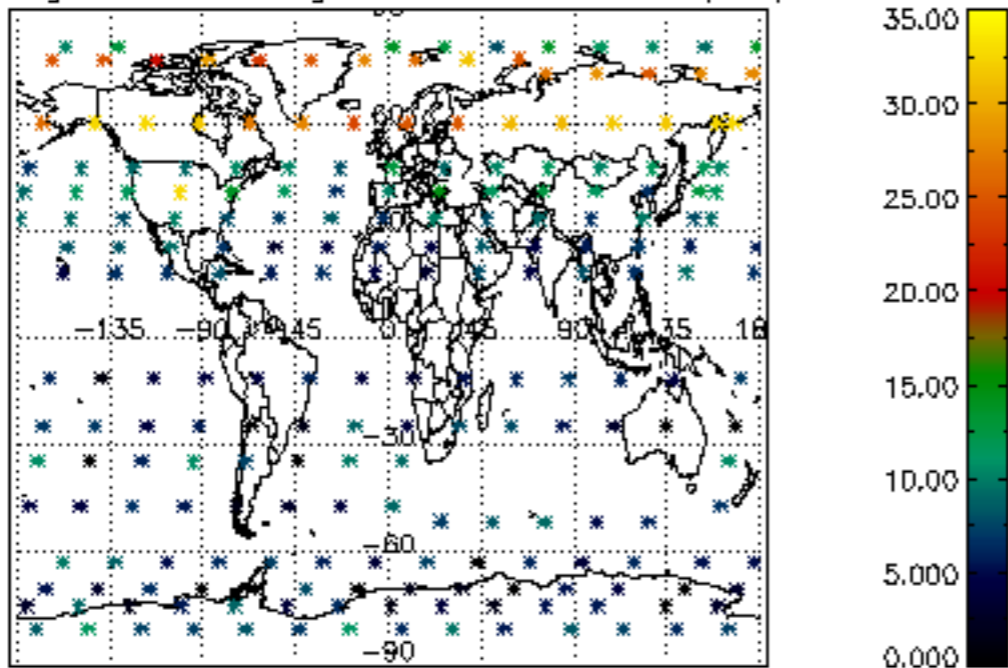
Percentage of cosmic ray hits per profile



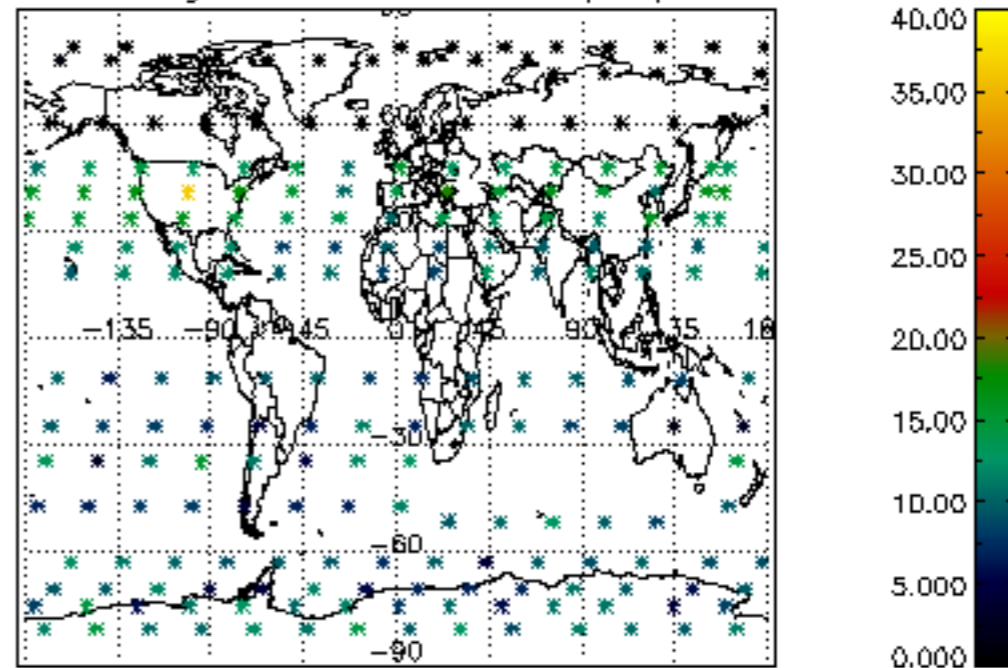
Percentage of datation errors per profile

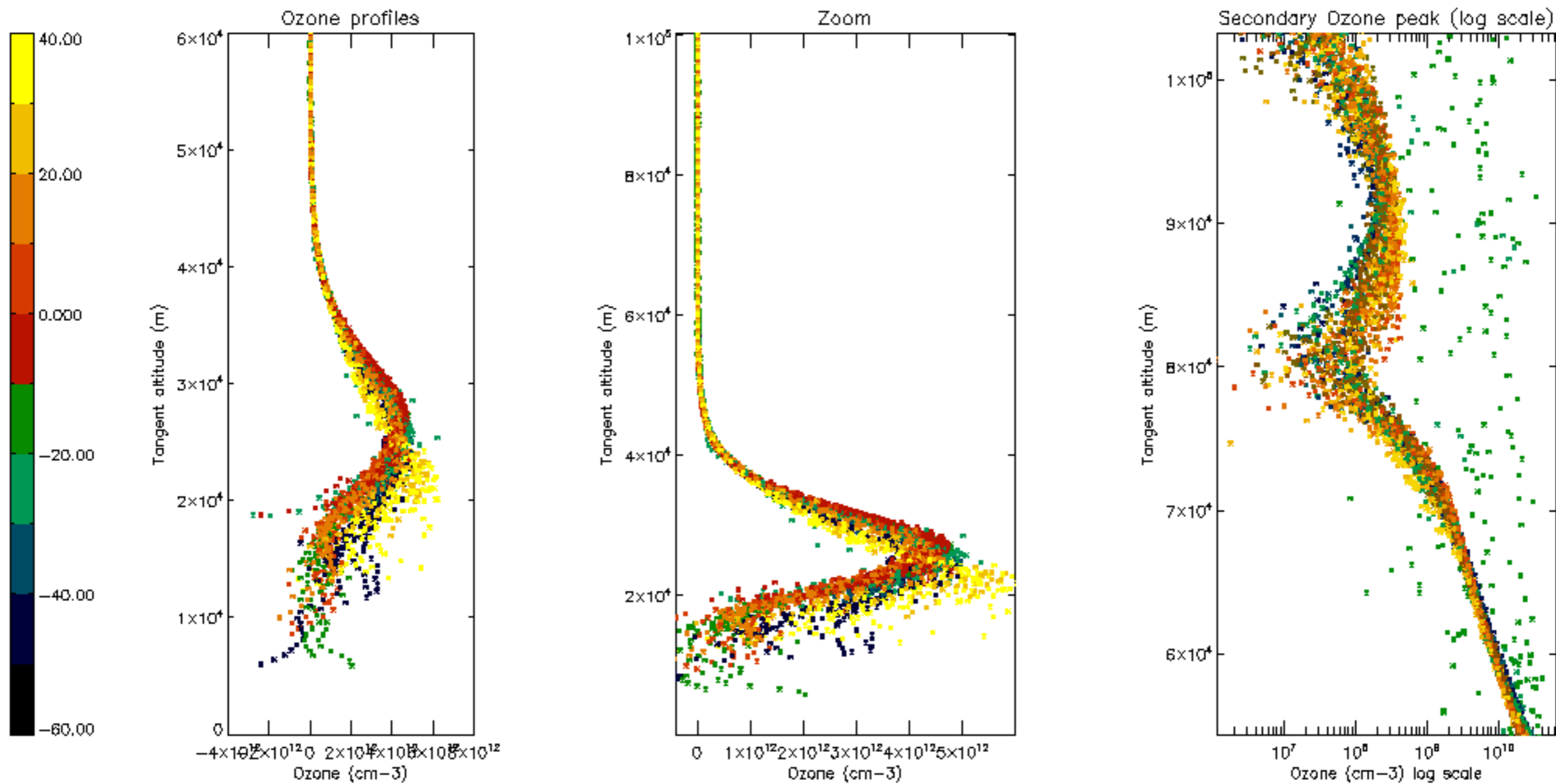


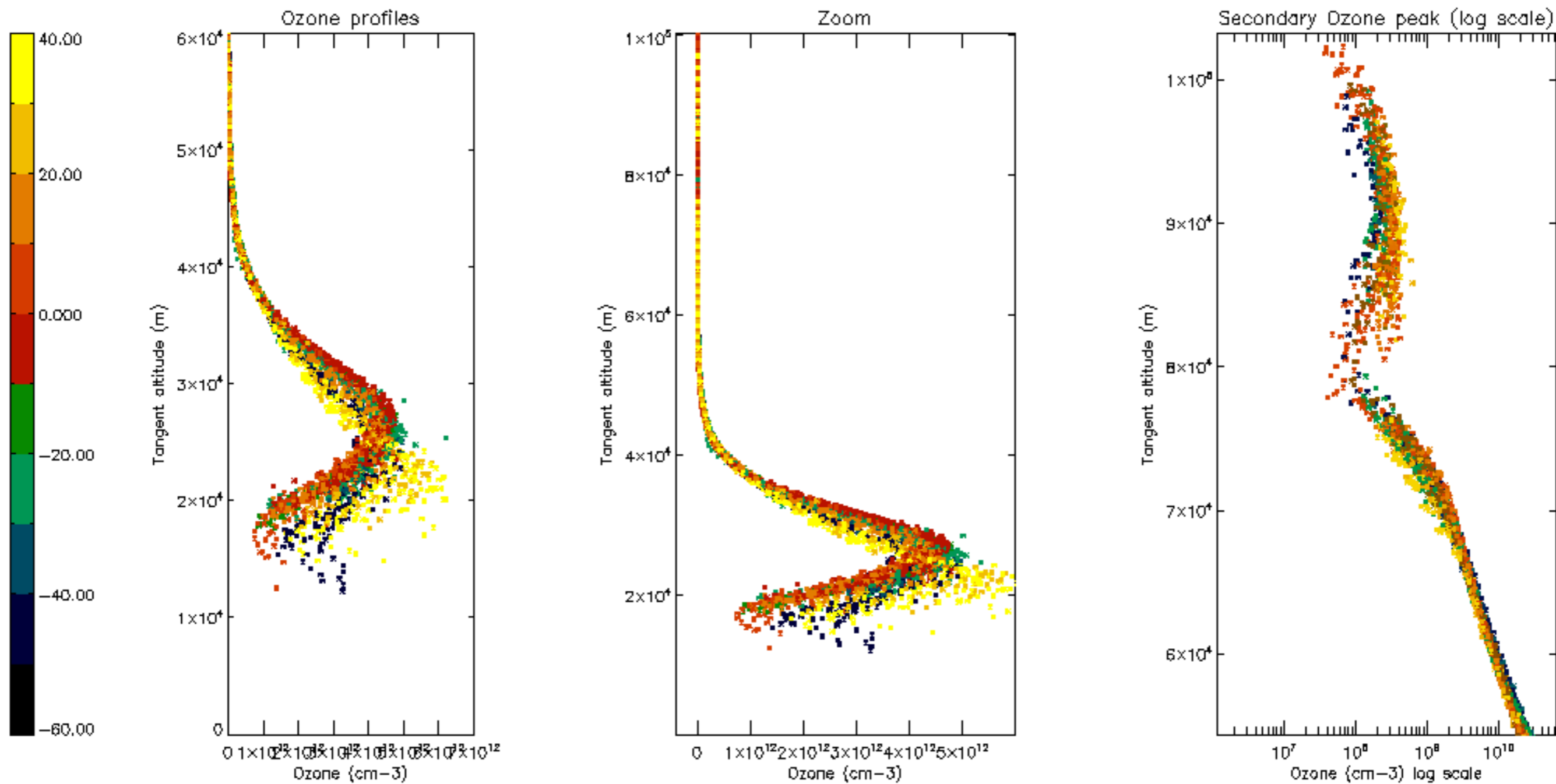
Percentage of star falling outside central band per profile

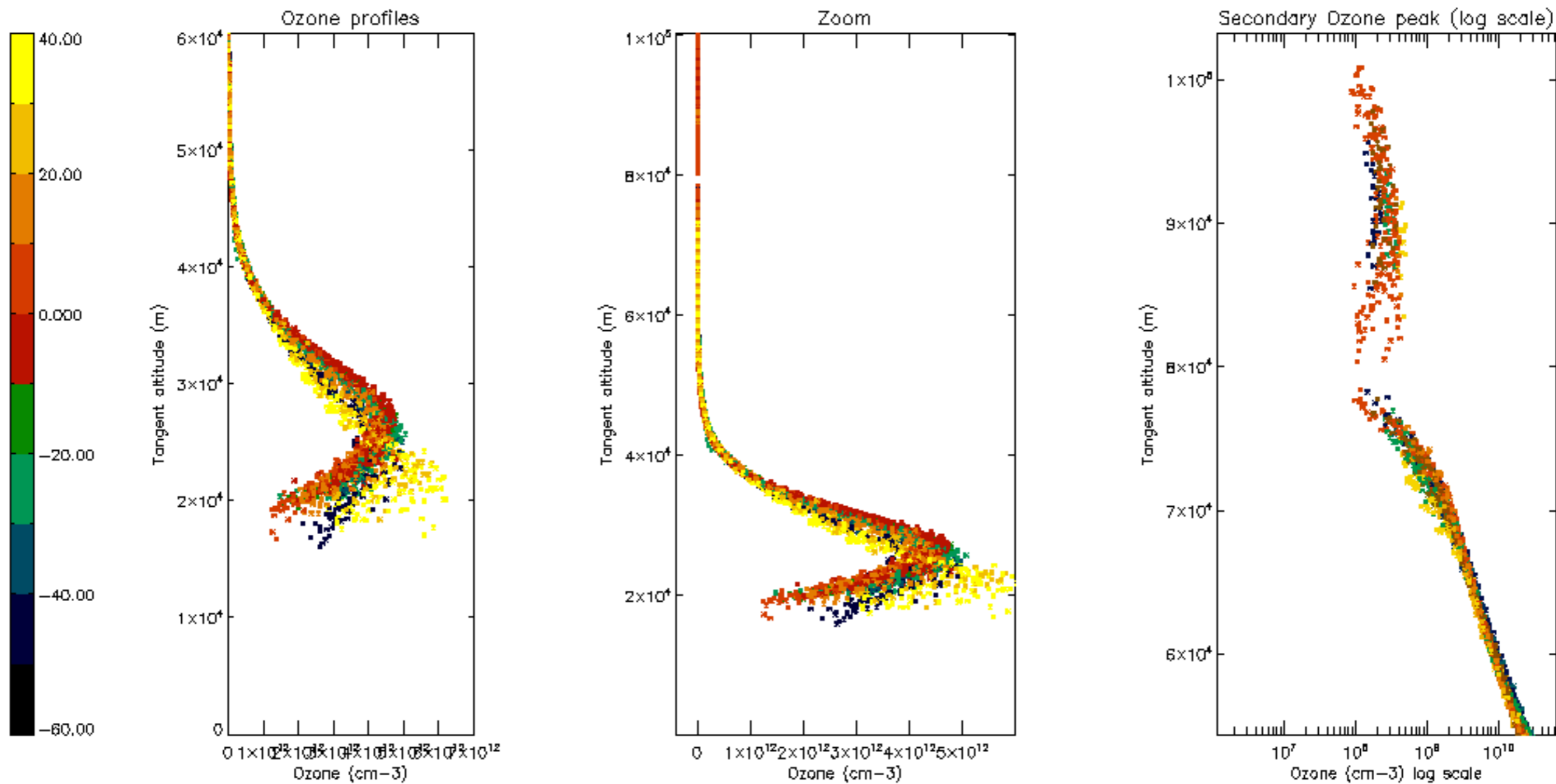


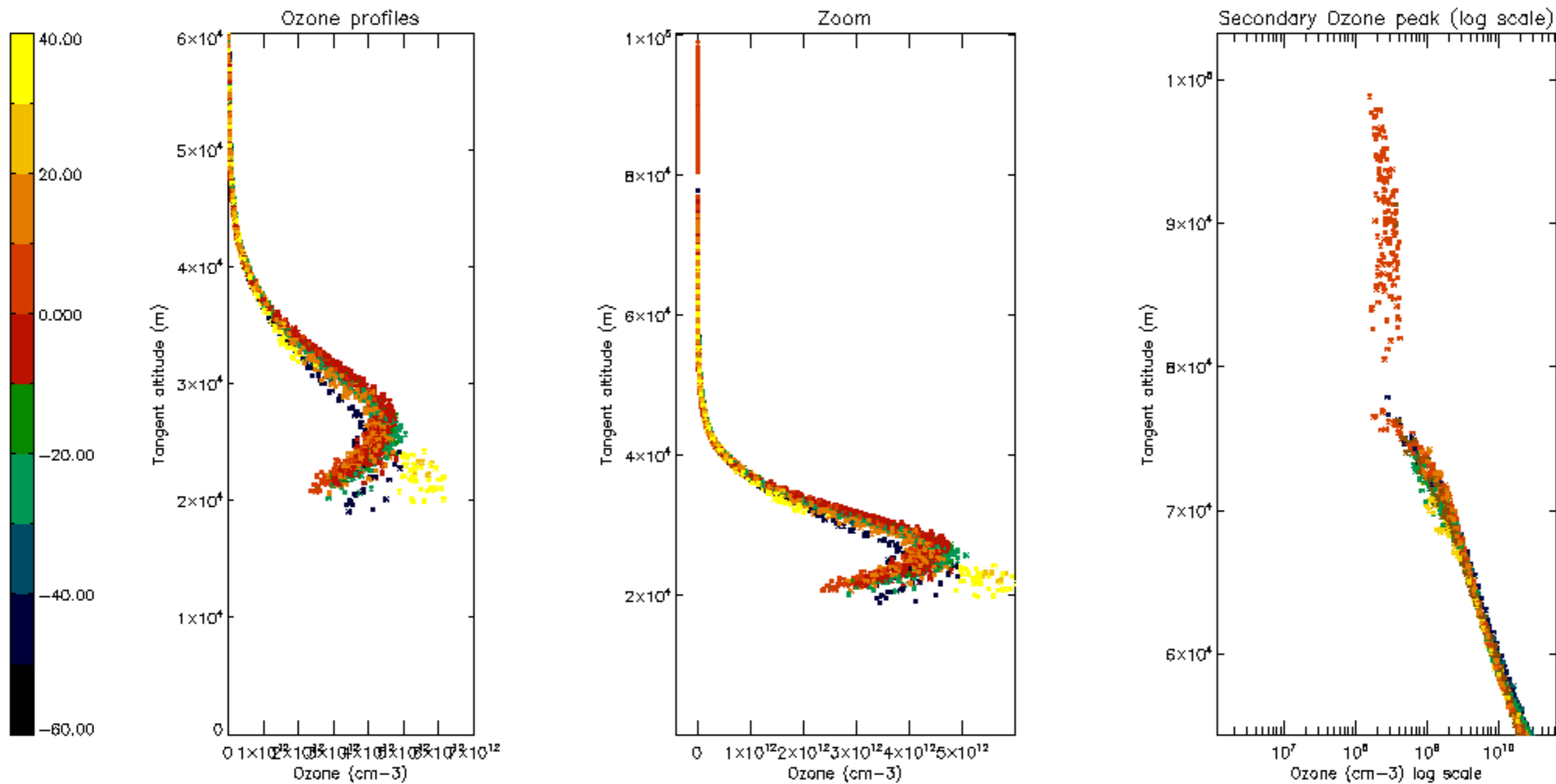
Percentage of saturation errors per profile

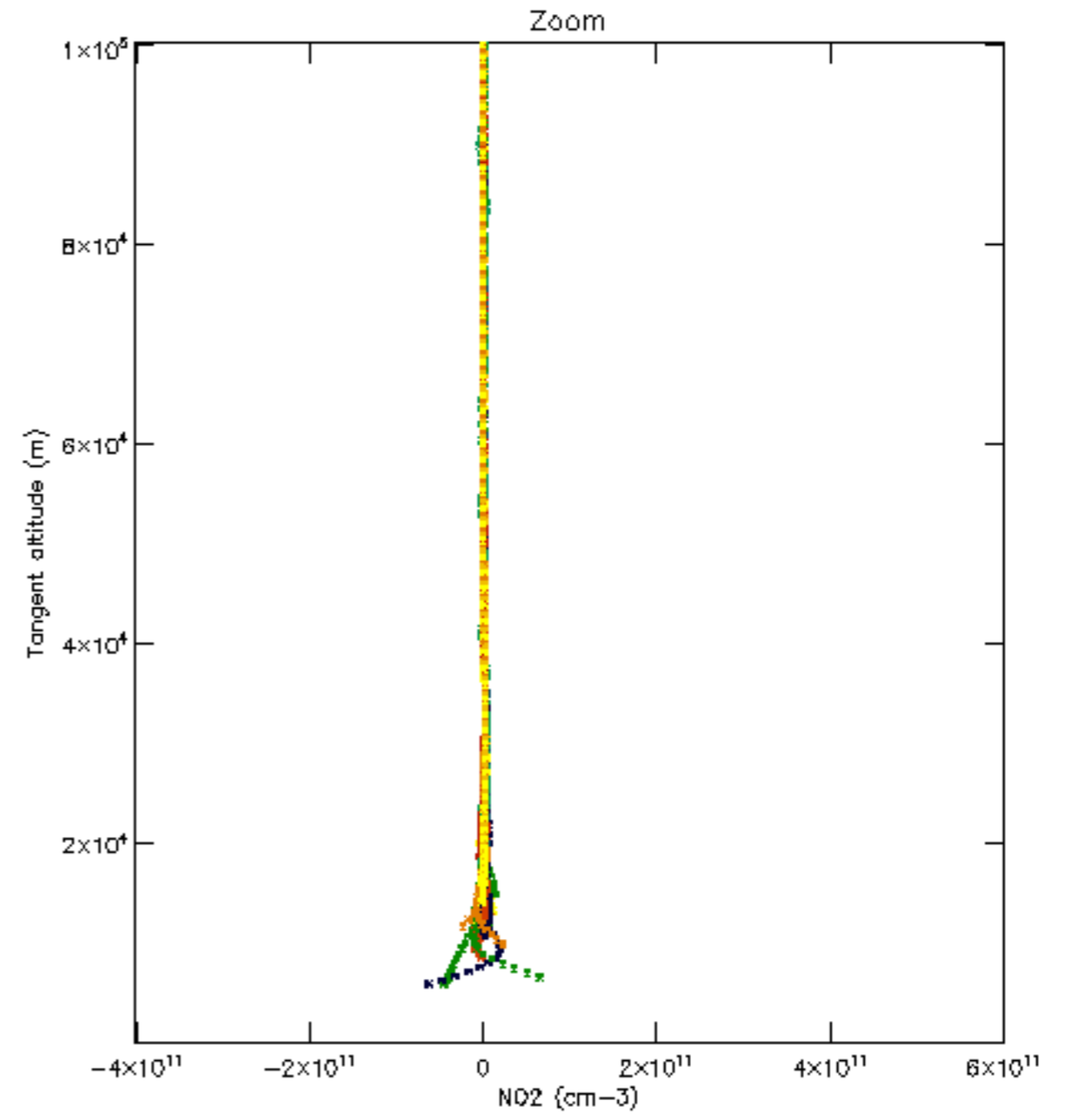
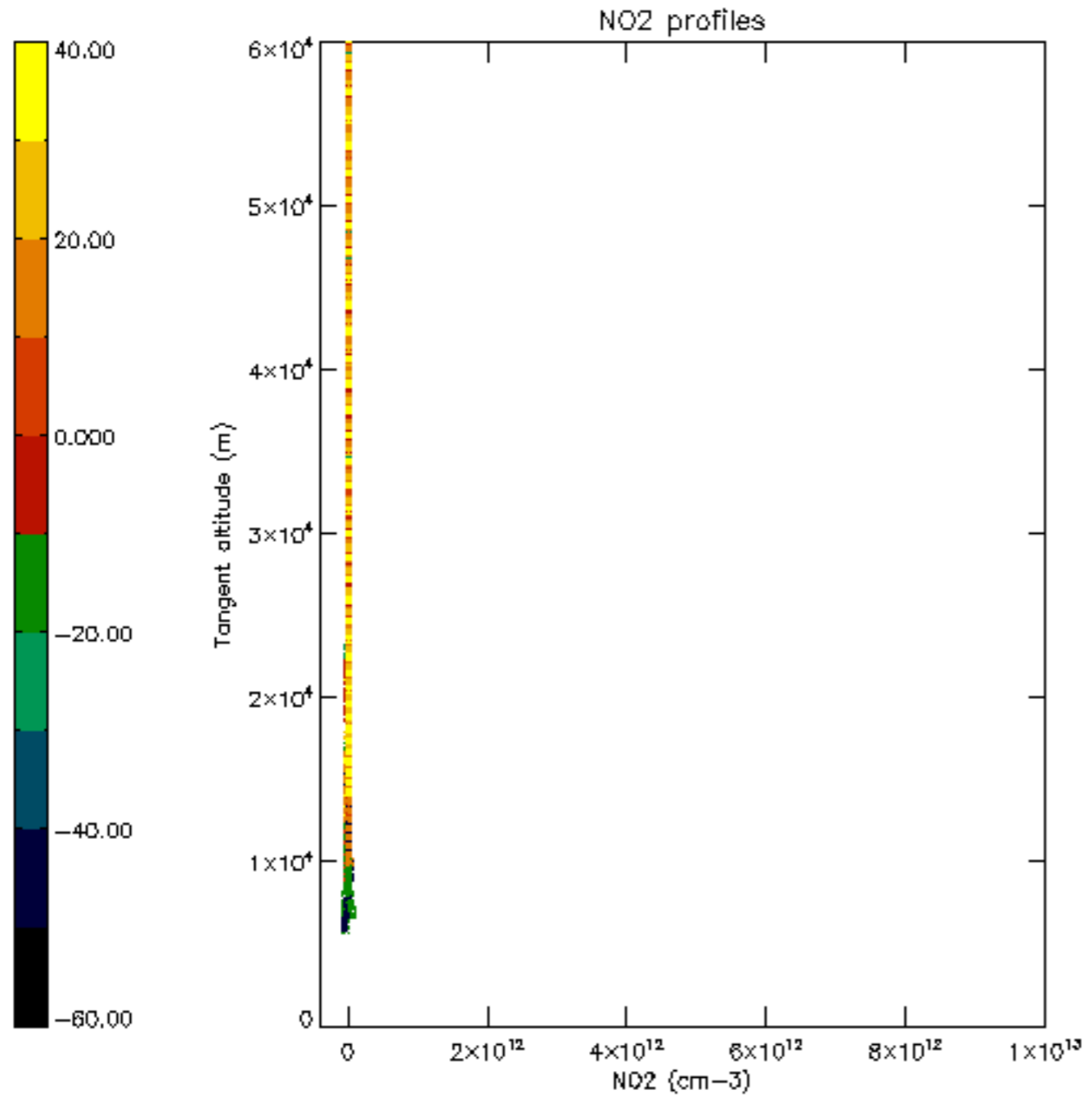


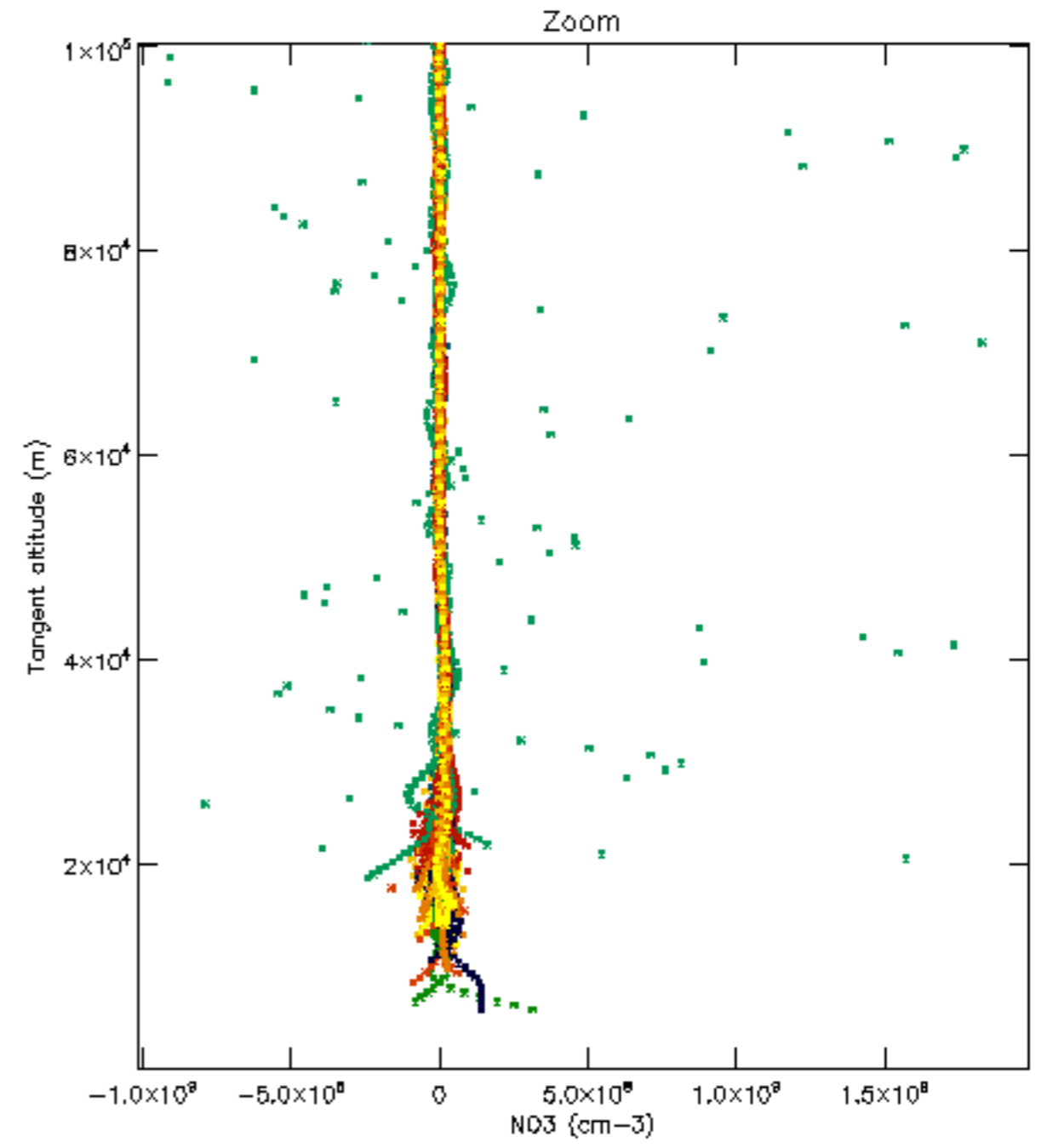
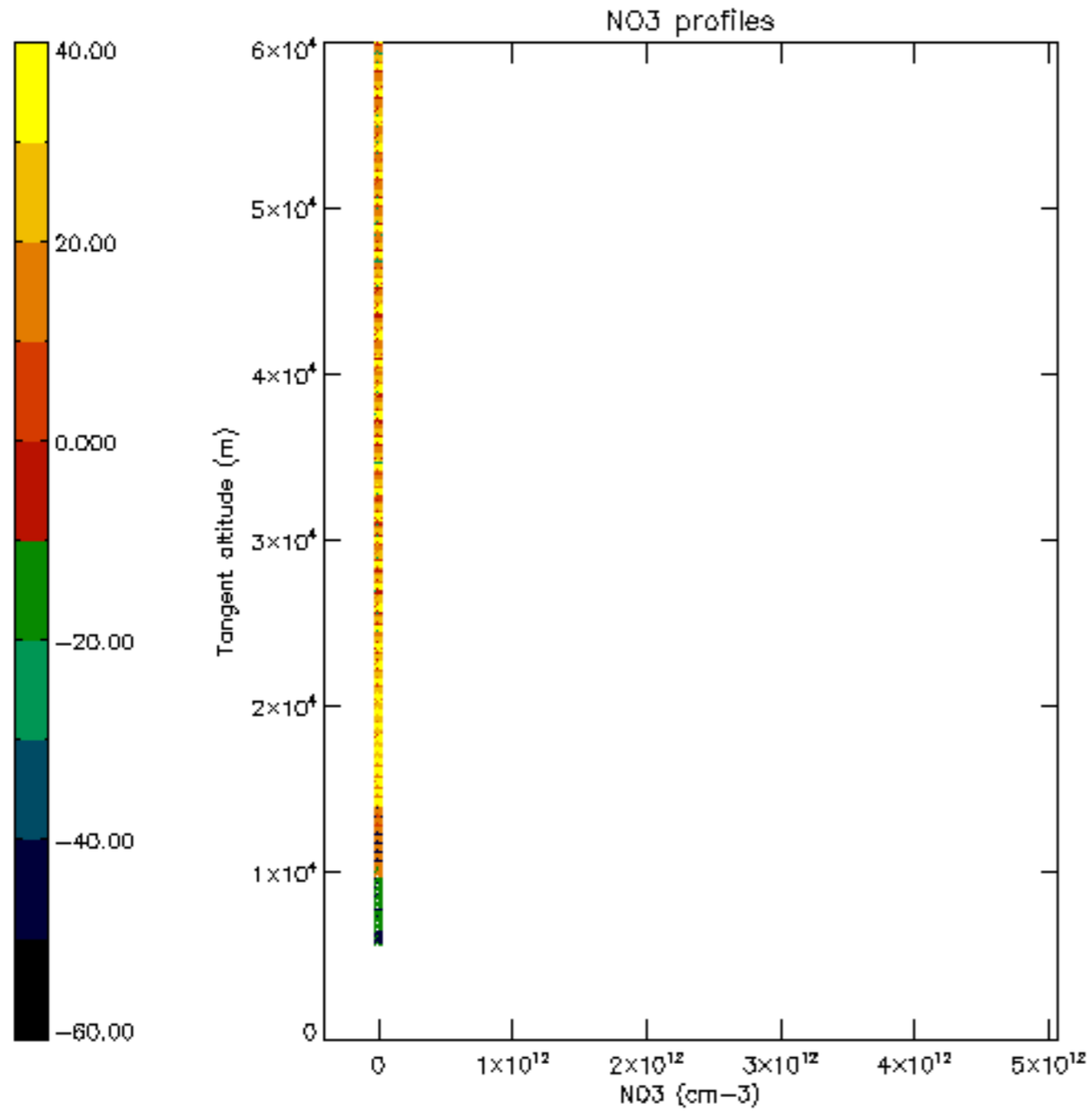


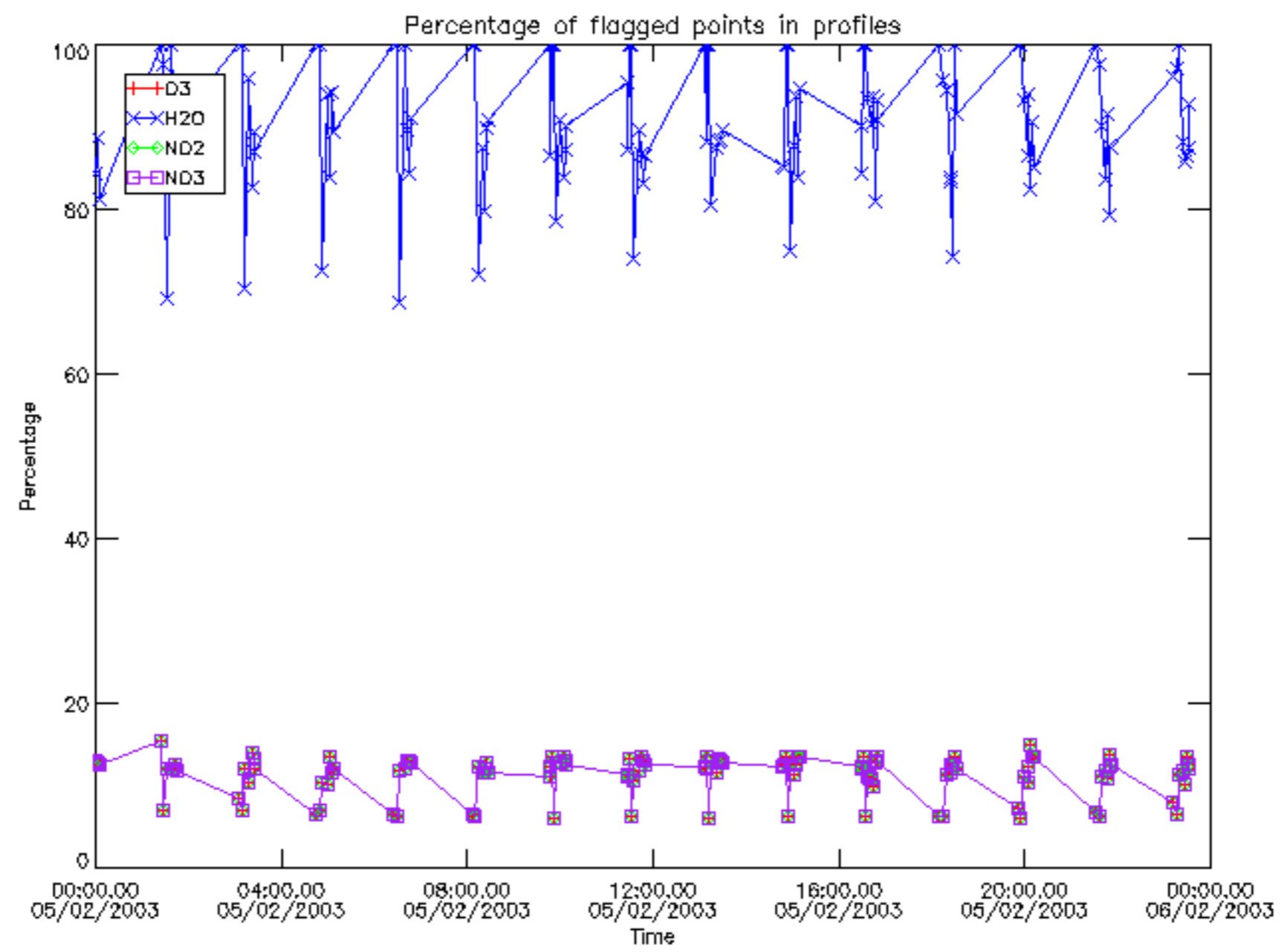




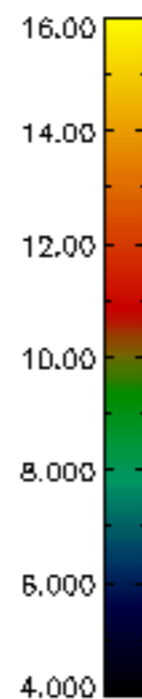
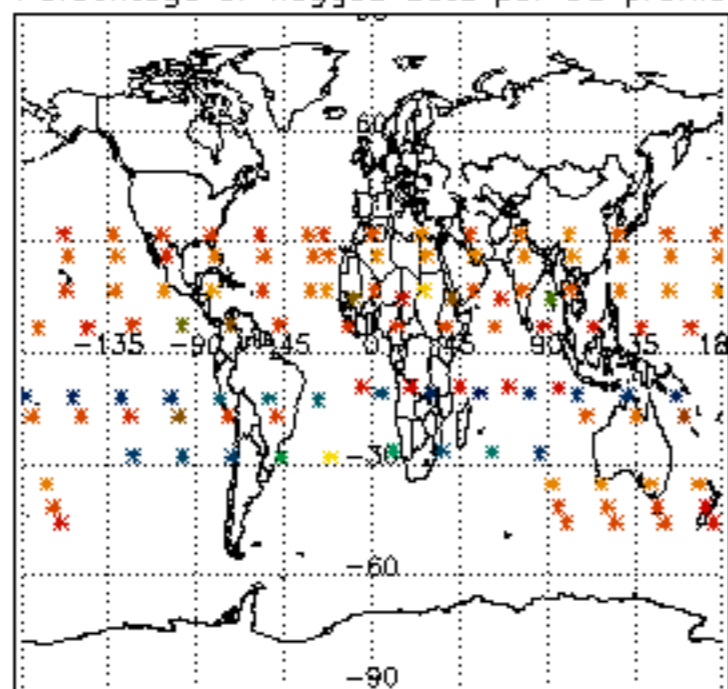




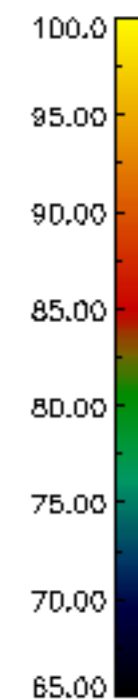
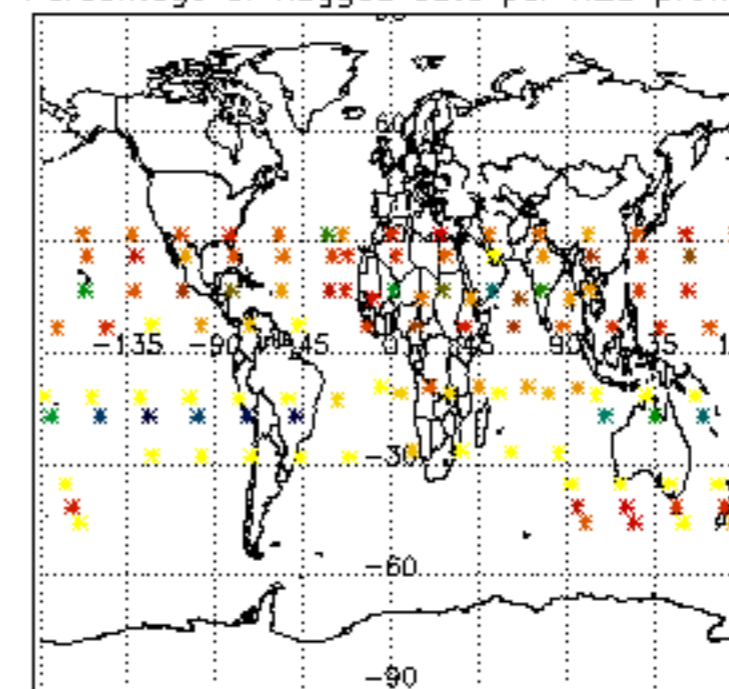




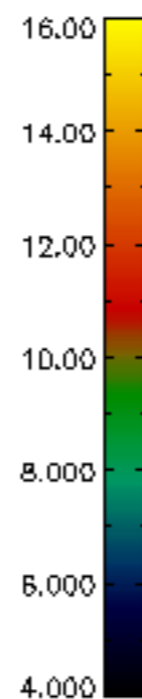
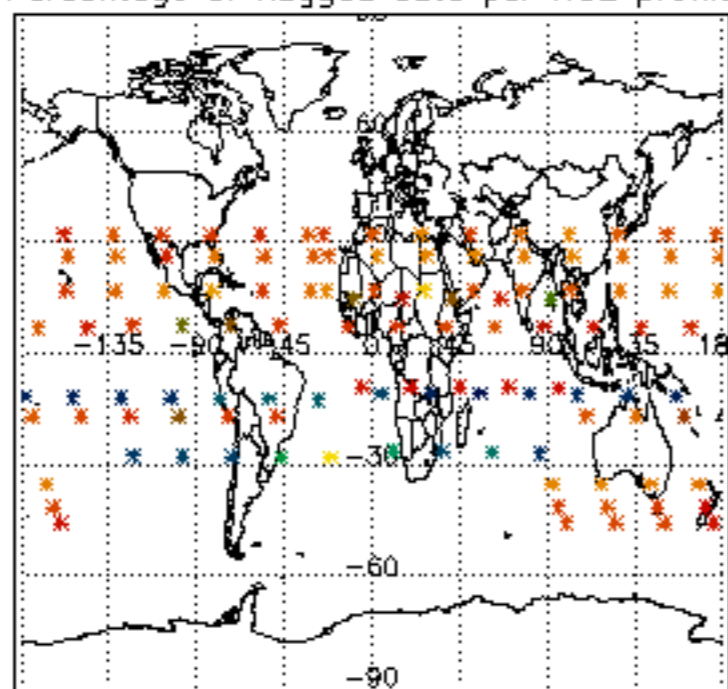
Percentage of flagged data per D3 profile



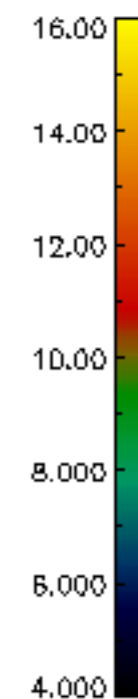
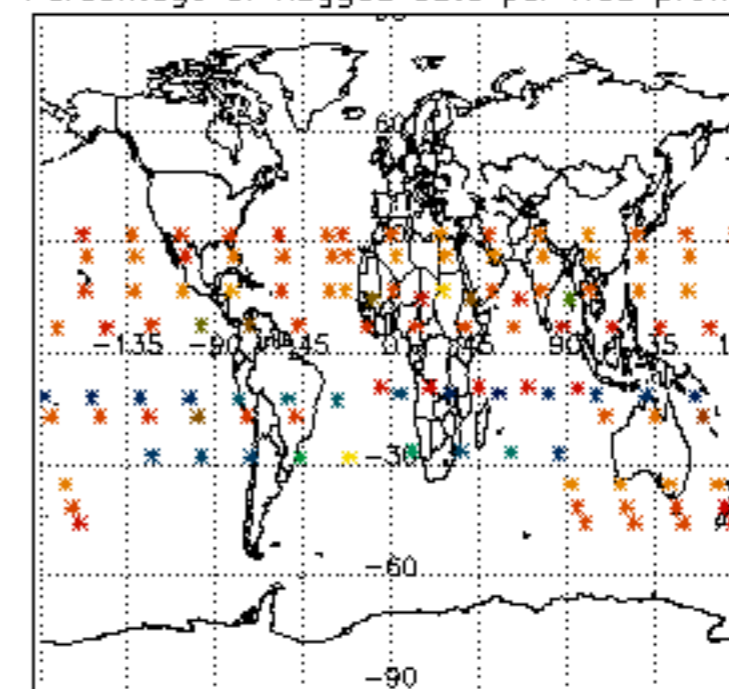
Percentage of flagged data per H2O profile

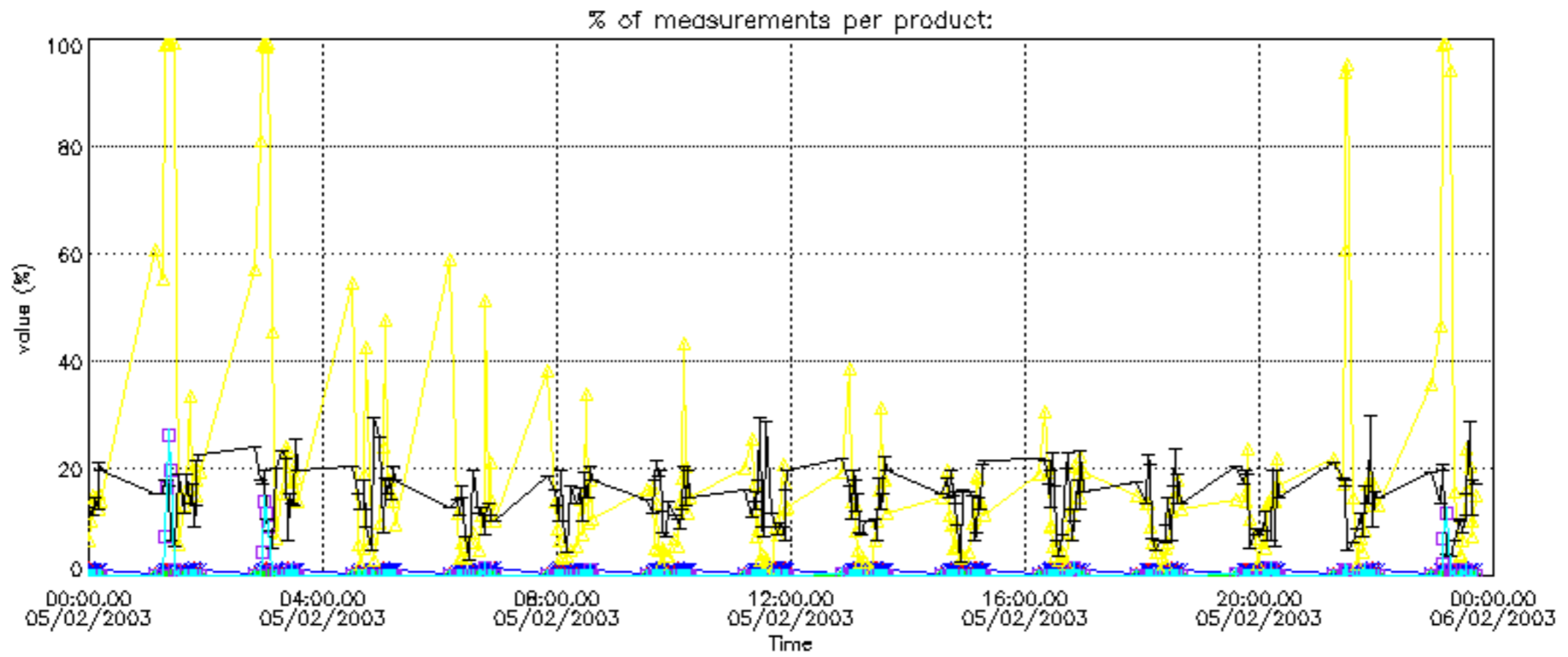


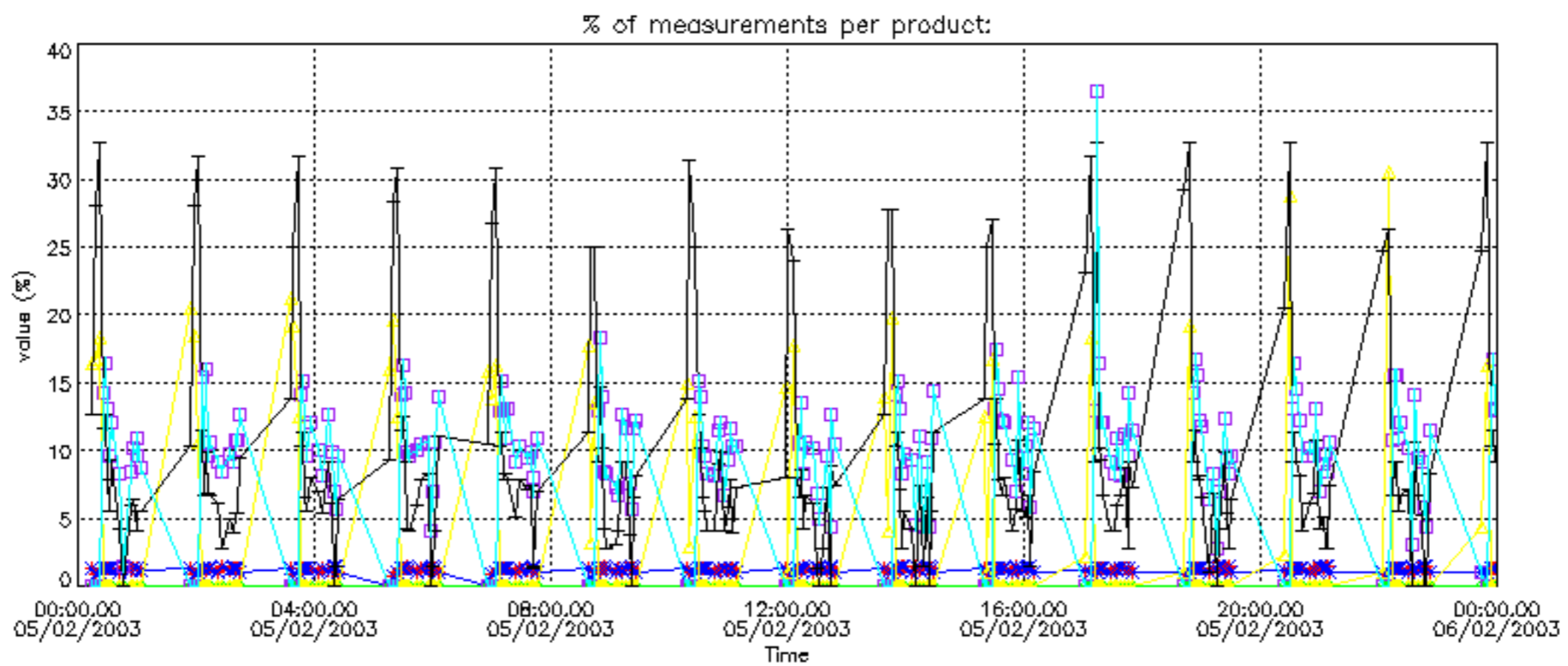
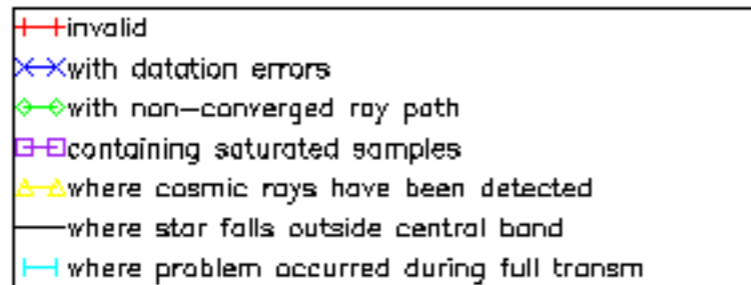
Percentage of flagged data per NO2 profile



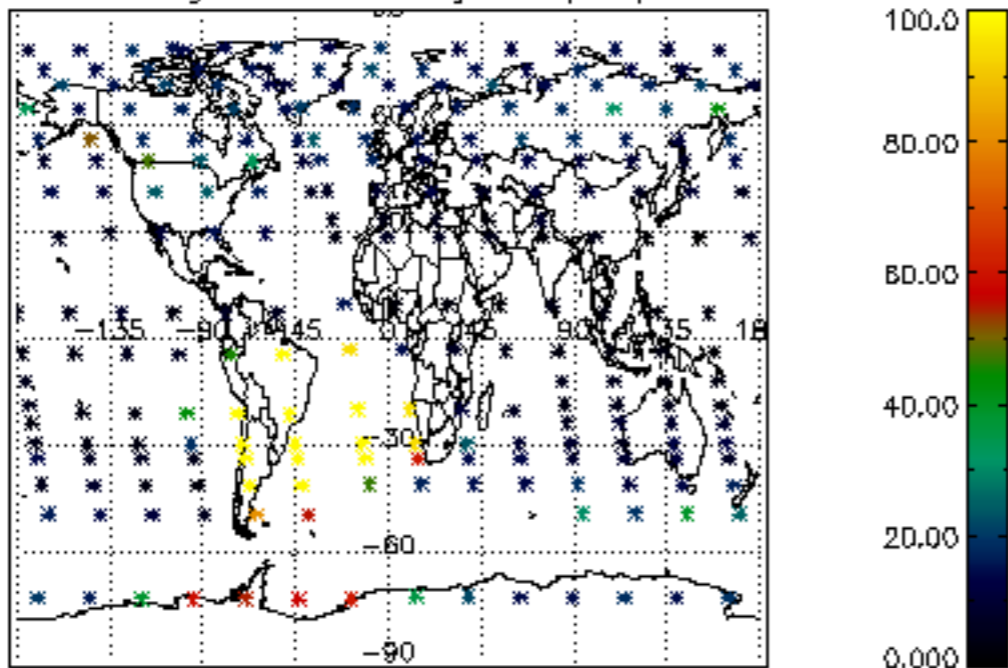
Percentage of flagged data per NO3 profile



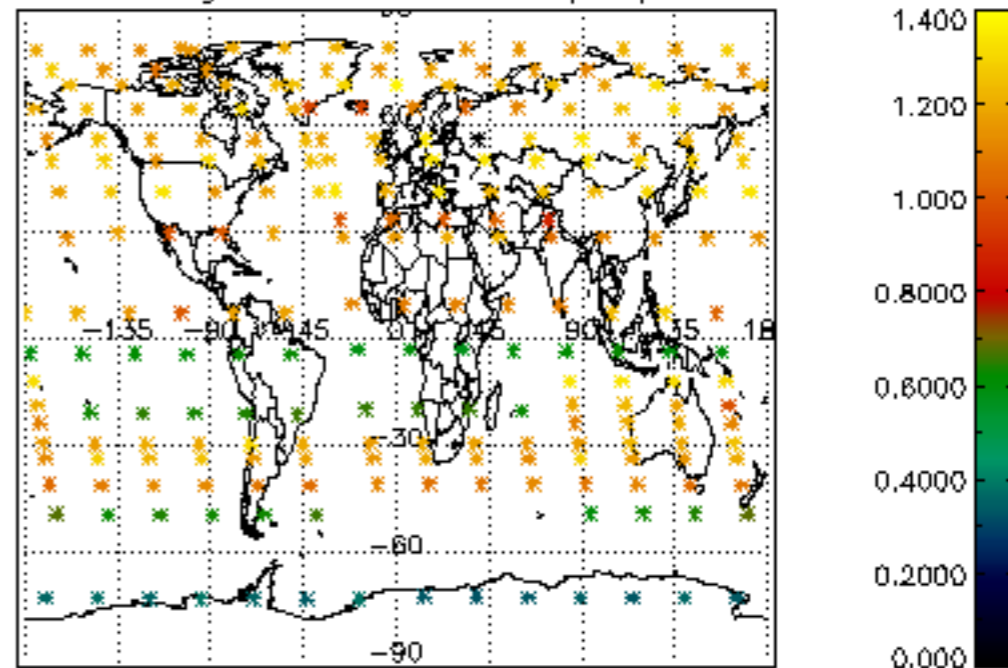




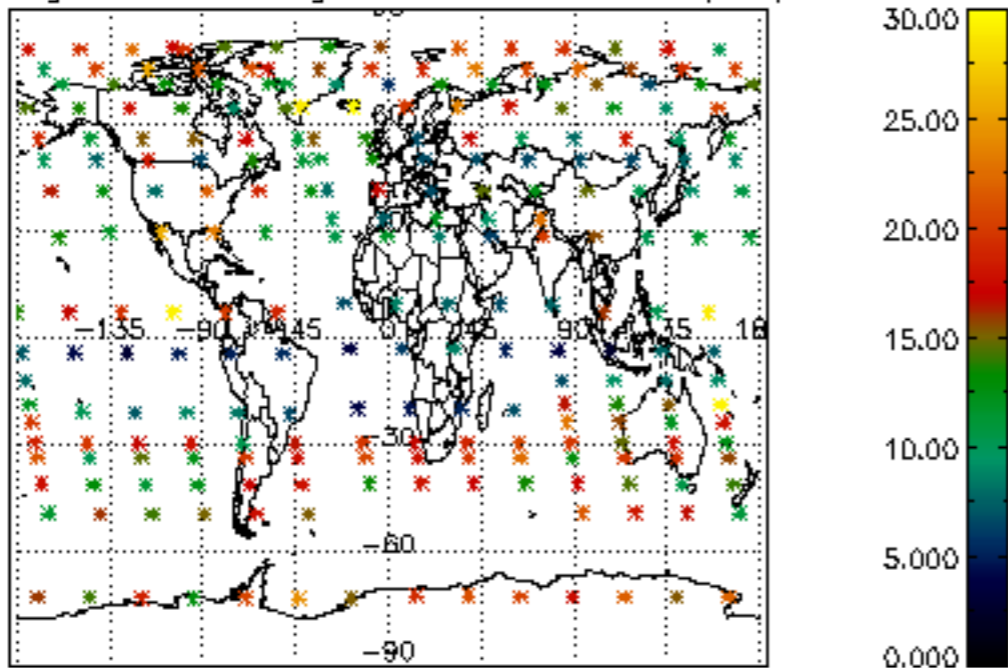
Percentage of cosmic ray hits per profile



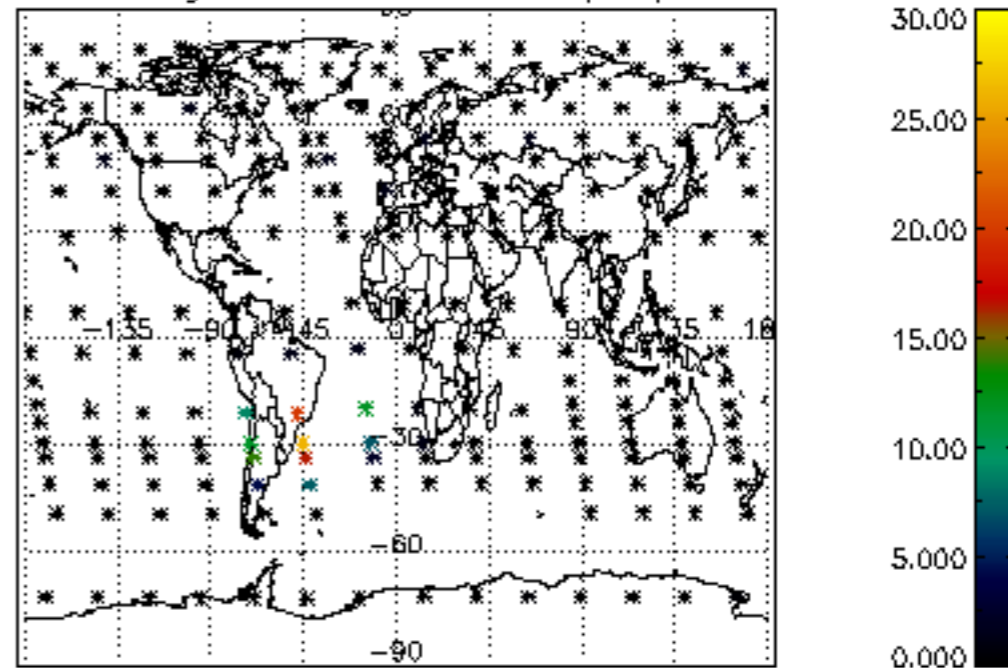
Percentage of datation errors per profile



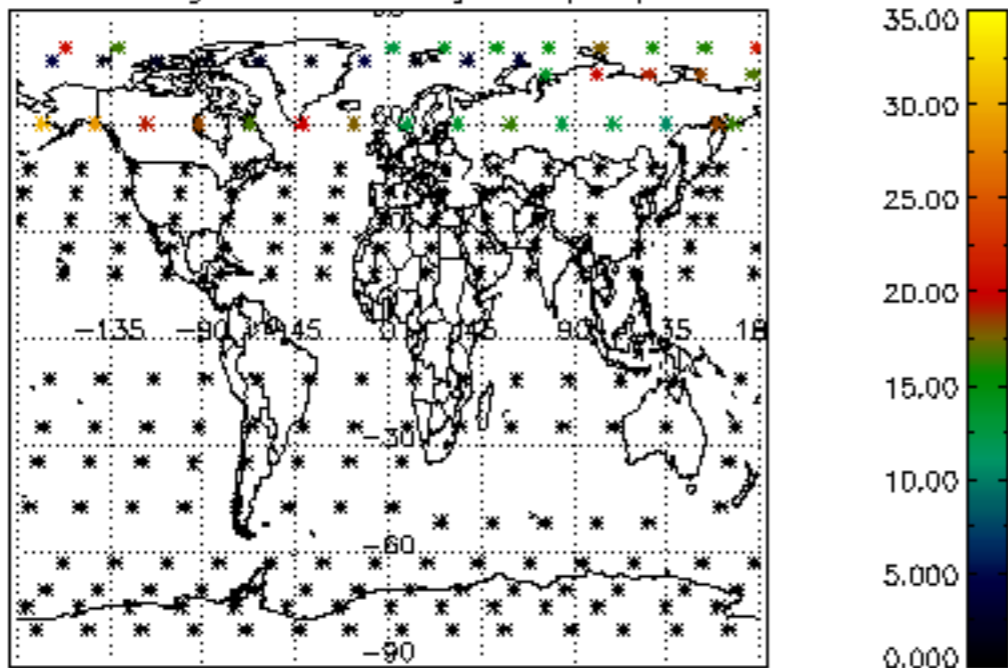
Percentage of star falling outside central band per profile



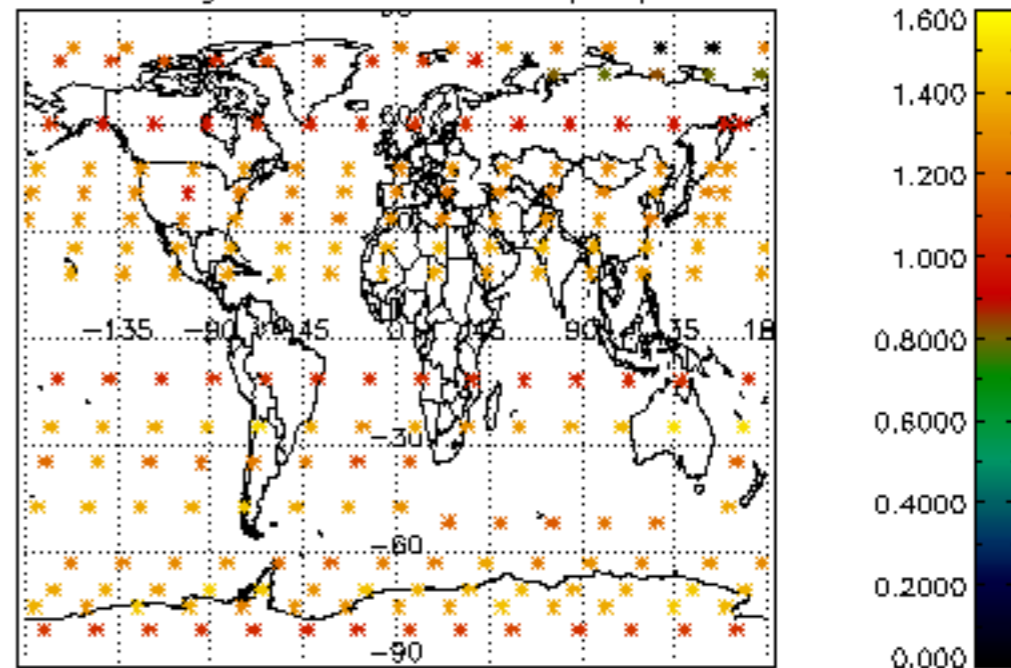
Percentage of saturation errors per profile



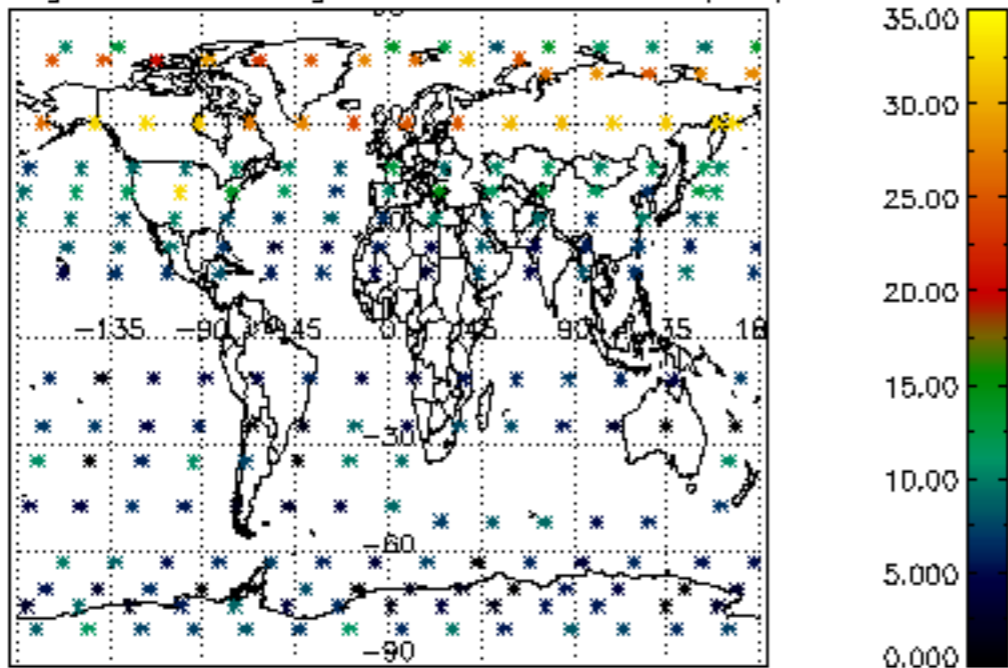
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

