

GOMOS Level 2 Daily Report

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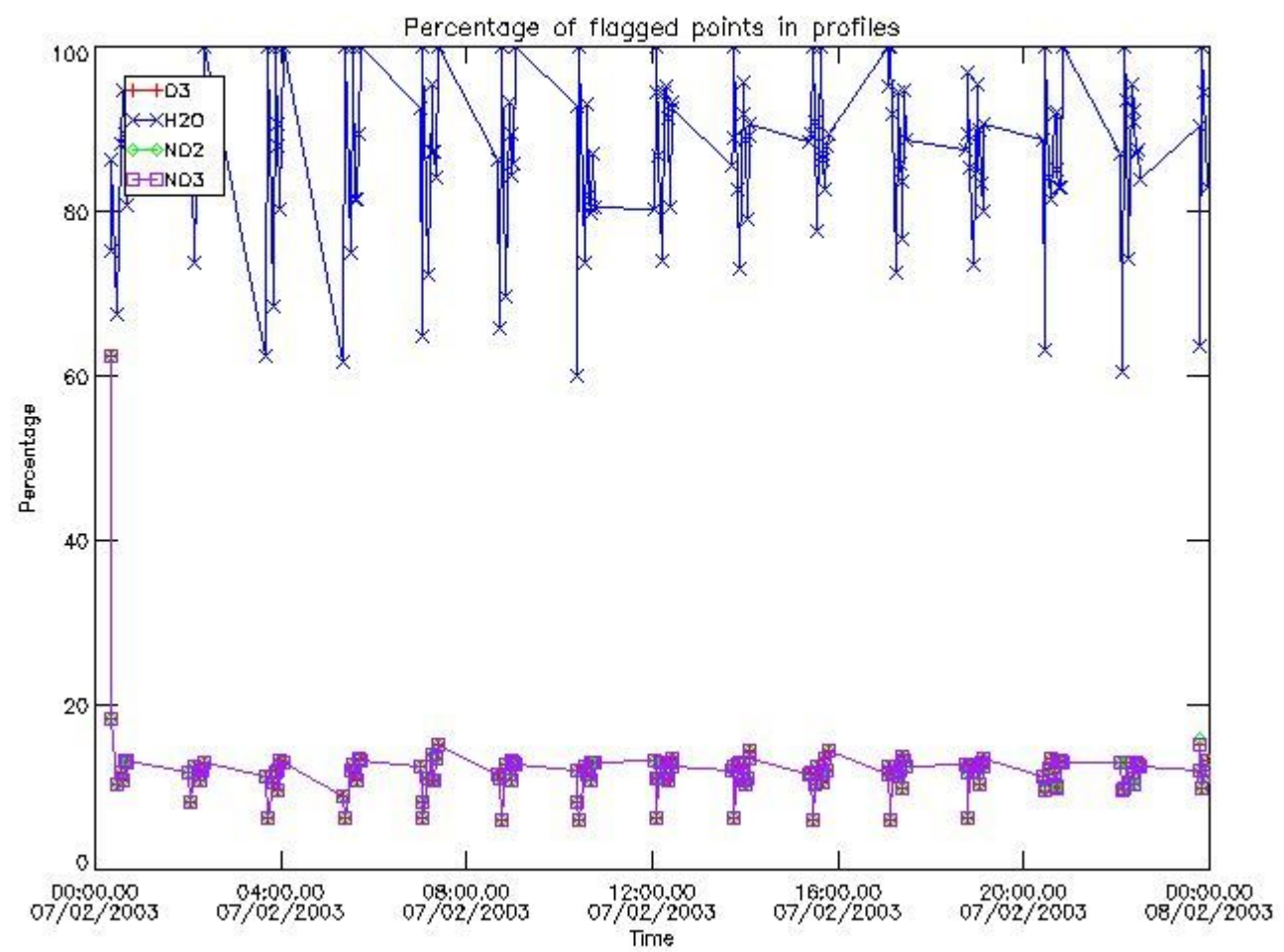
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398	GOM_NL__2PRFIN20030207_191644_000001572013_00357_04920_5510.N1	07-FEB-2003 19:16:44	Straylight	156.50	100	4Gam Crv	2.5800	13100.	313	4920	No
399	GOM_NL__2PRFIN20030207_192139_00000602013_00357_04920_5511.N1	07-FEB-2003 19:21:39	Straylight	59.500	48	30Alp Hya	1.9770	4100.0	119	4920	No
400	GOM_NL__2PRFIN20030207_192557_00000462013_00357_04920_5512.N1	07-FEB-2003 19:25:57	Tw_i_and_stray	46.000	8	10Alp CMi	0.40000	6500.0	92	4920	No
401	GOM_NL__2PRFIN20030207_192938_00000382013_00357_04920_5513.N1	07-FEB-2003 19:29:38	Bright	37.500	44	24Gam Gem	1.9280	11000.	75	4920	No
402	GOM_NL__2PRFIN20030207_193132_00000392013_00357_04920_5514.N1	07-FEB-2003 19:31:32	Bright	39.000	151	13Mu Gem	2.8900	3000.0	78	4920	No
403	GOM_NL__2PRFIN20030207_193330_00000372013_00357_04920_5515.N1	07-FEB-2003 19:33:30	Bright	37.000	24	66Alp Gem	1.5800	10200.	74	4920	No
404	GOM_NL__2PRFIN20030207_193554_00000382013_00357_04920_5516.N1	07-FEB-2003 19:35:54	Bright	37.500	107	37The Aur	2.6490	11000.	75	4920	No
405	GOM_NL__2PRFIN20030207_193756_00000372013_00357_04920_5517.N1	07-FEB-2003 19:37:56	Bright	37.000	42	34Bet Aur	1.9000	10200.	74	4920	No
406	GOM_NL__2PRFIN20030207_194037_000001252013_00357_04920_5518.N1	07-FEB-2003 19:40:37	Bright	125.00	96	68Del Leo	2.5600	9300.0	250	4920	No
407	GOM_NL__2PRFIN20030207_194537_00000492013_00357_04920_5519.N1	07-FEB-2003 19:45:37	Bright	49.000	82	48Bet UMa	2.3650	10600.	98	4920	No
408	GOM_NL__2PRFIN20030207_194949_00000382013_00357_04920_5520.N1	07-FEB-2003 19:49:49	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	4920	No
409	GOM_NL__2PRFIN20030207_195229_00000362013_00357_04920_5521.N1	07-FEB-2003 19:52:29	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	4920	No
410	GOM_NL__2PRFIN20030207_195620_00000372013_00357_04920_5522.N1	07-FEB-2003 19:56:20	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	4920	No
411	GOM_NL__2PRFIN20030207_200043_00000402013_00357_04920_5523.N1	07-FEB-2003 20:00:43	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	4920	No
412	GOM_NL__2PRFIN20030207_200215_00000362013_00357_04920_5524.N1	07-FEB-2003 20:02:15	Bright	35.500	144	18Del Cyg	2.8600	11000.	71	4920	No
413	GOM_NL__2PRFIN20030207_200437_00000382013_00357_04920_5525.N1	07-FEB-2003 20:04:37	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	4920	No
414	GOM_NL__2PRFIN20030207_200740_00000492013_00357_04920_5526.N1	07-FEB-2003 20:07:40	Bright	49.000	133	40Zet Her	2.8070	6000.0	98	4920	No
415	GOM_NL__2PRFIN20030207_201052_00000802013_00357_04920_5527.N1	07-FEB-2003 20:10:52	Bright	79.500	67	5Alp CrB	2.2210	11000.	159	4920	No
416	GOM_NL__2PRFIN20030207_201308_000001782013_00357_04920_5528.N1	07-FEB-2003 20:13:08	Tw_i_and_stray	178.00	83		2.3780	11000.	356	4920	No
417	GOM_NL__2PRFIN20030207_202207_00000472013_00357_04920_5529.N1	07-FEB-2003 20:22:07	Twilight	47.000	86	35Eta Oph	2.4300	10200.	94	4920	No
418	GOM_NL__2PRFIN20030207_202357_00000442013_00357_04920_5530.N1	07-FEB-2003 20:23:57	Twilight	44.000	116	19Del Sgr	2.7000	4100.0	88	4920	No
419	GOM_NL__2PRFIN20030207_202507_00000452013_00357_04920_5531.N1	07-FEB-2003 20:25:07	Dark	45.000	38	20Eps Sgr	1.8360	11000.	90	4920	No
420	GOM_NL__2PRFIN20030207_202645_00000642013_00357_04920_5532.N1	07-FEB-2003 20:26:45	Dark	64.000	16	21Alp Sco	1.0200	3000.0	128	4920	No
421	GOM_NL__2PRFIN20030207_202829_00000512013_00357_04920_5533.N1	07-FEB-2003 20:28:29	Dark	50.500	158	6Pi Sco	2.9060	28000.	101	4920	No
422	GOM_NL__2PRFIN20030207_203139_00000422013_00357_04920_5534.N1	07-FEB-2003 20:31:39	Dark	41.500	141	Bet Ara	2.8400	4600.0	83	4920	No
423	GOM_NL__2PRFIN20030207_203526_00000382013_00358_04921_5502.N1	07-FEB-2003 20:35:26	Dark	38.000	43	Alp TrA	1.9100	4250.0	76	4921	No
424	GOM_NL__2PRFIN20030207_203942_00000442013_00358_04921_5503.N1	07-FEB-2003 20:39:42	Dark	43.500	77	Eps Cen	2.3030	28000.	87	4921	No
425	GOM_NL__2PRFIN20030207_204132_00000522013_00358_04921_5504.N1	07-FEB-2003 20:41:32	Dark	51.500	20	Bet Cru	1.2530	30000.	103	4921	No
426	GOM_NL__2PRFIN20030207_204301_00000512013_00358_04921_5505.N1	07-FEB-2003 20:43:01	Dark	50.500	64	Gam Cen	2.2000	10600.	101	4921	No
427	GOM_NL__2PRFIN20030207_204459_00000392013_00358_04921_5506.N1	07-FEB-2003 20:44:59	Dark	38.500	29	Bet Car	1.6720	10200.	77	4921	No
428	GOM_NL__2PRFIN20030207_204728_00000392013_00358_04921_5507.N1	07-FEB-2003 20:47:28	Dark	38.500	71	lot Car	2.2460	7700.0	77	4921	No
429	GOM_NL__2PRFIN20030207_204910_00000402013_00358_04921_5508.N1	07-FEB-2003 20:49:10	Dark	39.500	46	Del Vel	1.9540	10600.	79	4921	No
430	GOM_NL__2PRFIN20030207_205137_00000412013_00358_04921_5509.N1	07-FEB-2003 20:51:37	Straylight	41.000	34	Gam2Vel	1.7930	23000.	82	4921	No
431	GOM_NL__2PRFIN20030207_205342_00000412013_00358_04921_5510.N1	07-FEB-2003 20:53:42	Straylight	41.000	70	Zet Pup	2.2460	39000.	82	4921	No
432	GOM_NL__2PRFIN20030207_205459_00000422013_00358_04921_5511.N1	07-FEB-2003 20:54:59	Straylight	41.500	117	Pi Pup	2.7060	3800.0	83	4921	No
433	GOM_NL__2PRFIN20030207_205720_000001482013_00358_04921_5512.N1	07-FEB-2003 20:57:20	Straylight	147.50	100	4Gam Crv	2.5800	13100.	295	4921	No
434	GOM_NL__2PRFIN20030207_210215_00000542013_00358_04921_5513.N1	07-FEB-2003 21:02:15	Straylight	54.000	48	30Alp Hya	1.9770	4100.0	108	4921	No
435	GOM_NL__2PRFIN20030207_210633_00000522013_00358_04921_5514.N1	07-FEB-2003 21:06:33	Tw_i_and_stray	52.000	8	10Alp CMi	0.40000	6500.0	104	4921	No
436	GOM_NL__2PRFIN20030207_211014_00000372013_00358_04921_5515.N1	07-FEB-2003 21:10:14	Bright	36.500	44	24Gam Gem	1.9280	11000.	73	4921	No
437	GOM_NL__2PRFIN20030207_211208_00000402013_00358_04921_5516.N1	07-FEB-2003 21:12:08	Bright	39.500	151	13Mu Gem	2.8900	3000.0	79	4921	No
438	GOM_NL__2PRFIN20030207_211406_00000382013_00358_04921_5517.N1	07-FEB-2003 21:14:06	Bright	37.500	24	66Alp Gem	1.5800	10200.	75	4921	No
439	GOM_NL__2PRFIN20030207_211631_00000372013_00358_04921_5518.N1	07-FEB-2003 21:16:31	Bright	37.000	107	37The Aur	2.6490	11000.	74	4921	No
440	GOM_NL__2PRFIN20030207_211832_00000372013_00358_04921_5519.N1	07-FEB-2003 21:18:32	Bright	37.000	42	34Bet Aur	1.9000	10200.	74	4921	No
441	GOM_NL__2PRFIN20030207_212110_000001202013_00358_04921_5520.N1	07-FEB-2003 21:21:10	Bright	119.50	96	68Del Leo	2.5600	9300.0	239	4921	No
442	GOM_NL__2PRFIN20030207_212613_00000492013_00358_04921_5521.N1	07-FEB-2003 21:26:13	Bright	48.500	82	48Bet UMa	2.3650	10600.	97	4921	No
443	GOM_NL__2PRFIN20030207_213025_00000342013_00358_04921_5522.N1	07-FEB-2003 21:30:25	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	4921	No
444	GOM_NL__2PRFIN20030207_213304_00000422013_00358_04921_5523.N1	07-FEB-2003 21:33:04	Bright	42.000	60	7Bet UMi	2.0810	3950.0	84	4921	No
445	GOM_NL__2PRFIN20030207_213656_00000372013_00358_04921_5524.N1	07-FEB-2003 21:36:56	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	4921	No
446	GOM_NL__2PRFIN20030207_214119_00000402013_00358_04921_5525.N1	07-FEB-2003 21:41:19	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	4921	No
447	GOM_NL__2PRFIN20030207_214251_00000352013_00358_04921_5526.N1	07-FEB-2003 21:42:51	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	4921	No
448	GOM_NL__2PRFIN20030207_214513_00000352013_00358_04921_5527.N1	07-FEB-2003 21:45:13	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	4921	No
449	GOM_NL__2PRFIN20030207_214816_00000502013_00358_04921_5528.N1	07-FEB-2003 21:48:16	Bright	49.500	133	40Zet Her	2.8070	6000.0	99	4921	No
450	GOM_NL__2PRFIN20030207_215129_00000792013_00358_04921_5529.N1	07-FEB-2003 21:51:29	Bright	79.000	67	5Alp CrB	2.2210	11000.	158	4921	No
451	GOM_NL__2PRFIN20030207_215346_000001682013_00358_04921_5530.N1	07-FEB-2003 21:53:46	Tw_i_and_stray	167.50	83		2.3780	11000.	335	4921	No
452	GOM_NL__2PRFIN20030207_220244_00000482013_00358_04921_5531.N1	07-FEB-2003 22:02:44	Twilight	47.500	86	35Eta Oph	2.4300	10200.	95	4921	No
453	GOM_NL__2PRFIN20030207_220433_00000452013_00358_04921_5532.N1	07-FEB-2003 22:04:33	Twilight	45.000	116	19Del Sgr	2.7000	4100.0	90	4921	No
454	GOM_NL__2PRFIN20030207_220543_00000432013_00358_04921_5533.N1	07-FEB-2003 22:05:43	Dark	43.000	38	20Eps Sgr	1.8360	11000.	86	4921	No
455	GOM_NL__2PRFIN20030207_220722_00000542013_00358_04921_5534.N1	07-FEB-2003 22:07:22	Dark	53.500	16	21Alp Sco	1.0200	3000.0	107	4921	No

456	GOM_NL__2PRFIN20030207_220906_000000522013_00358_04921_5535.N1	07-FEB-2003 22:09:06	Dark	51.500	158	6Pi Sco	2.9060	28000.	103	4921	No
457	GOM_NL__2PRFIN20030207_221215_000000402013_00358_04921_5536.N1	07-FEB-2003 22:12:15	Dark	39.500	141	Bet Ara	2.8400	4600.0	79	4921	No
458	GOM_NL__2PRFIN20030207_221602_000000492013_00359_04922_5525.N1	07-FEB-2003 22:16:02	Dark	49.000	43	Alp TrA	1.9100	4250.0	98	4922	No
459	GOM_NL__2PRFIN20030207_222018_000000442013_00359_04922_5526.N1	07-FEB-2003 22:20:18	Dark	43.500	77	Eps Cen	2.3030	28000.	87	4922	No
460	GOM_NL__2PRFIN20030207_222209_000000462013_00359_04922_5527.N1	07-FEB-2003 22:22:09	Dark	45.500	20	Bet Cru	1.2530	30000.	91	4922	No
461	GOM_NL__2PRFIN20030207_222338_000000492013_00359_04922_5528.N1	07-FEB-2003 22:23:38	Dark	49.000	64	Gam Cen	2.2000	10600.	98	4922	No
462	GOM_NL__2PRFIN20030207_222535_000000392013_00359_04922_5529.N1	07-FEB-2003 22:25:35	Dark	39.000	29	Bet Car	1.6720	10200.	78	4922	No
463	GOM_NL__2PRFIN20030207_222804_000000402013_00359_04922_5530.N1	07-FEB-2003 22:28:04	Dark	40.000	71	lot Car	2.2460	7700.0	80	4922	No
464	GOM_NL__2PRFIN20030207_222946_000000412013_00359_04922_5531.N1	07-FEB-2003 22:29:46	Dark	41.000	46	Del Vel	1.9540	10600.	82	4922	No
465	GOM_NL__2PRFIN20030207_223213_000000412013_00359_04922_5532.N1	07-FEB-2003 22:32:13	Straylight	41.000	34	Gam2Vel	1.7930	23000.	82	4922	No
466	GOM_NL__2PRFIN20030207_223418_000000392013_00359_04922_5533.N1	07-FEB-2003 22:34:18	Straylight	38.500	70	Zet Pup	2.2460	39000.	77	4922	No
467	GOM_NL__2PRFIN20030207_223535_000000442013_00359_04922_5534.N1	07-FEB-2003 22:35:35	Straylight	44.000	117	Pi Pup	2.7060	3800.0	88	4922	No
468	GOM_NL__2PRFIN20030207_223756_000001542013_00359_04922_5535.N1	07-FEB-2003 22:37:56	Straylight	153.50	100	4Gam Crv	2.5800	13100.	307	4922	No
469	GOM_NL__2PRFIN20030207_224251_000000552013_00359_04922_5536.N1	07-FEB-2003 22:42:51	Straylight	55.000	48	30Alp Hya	1.9770	4100.0	110	4922	No
470	GOM_NL__2PRFIN20030207_224709_000000502013_00359_04922_5537.N1	07-FEB-2003 22:47:09	Tw_i_and_stray	50.000	8	10Alp CMi	0.40000	6500.0	100	4922	No
471	GOM_NL__2PRFIN20030207_225050_000000392013_00359_04922_5538.N1	07-FEB-2003 22:50:50	Bright	38.500	44	24Gam Gem	1.9280	11000.	77	4922	No
472	GOM_NL__2PRFIN20030207_225244_000000412013_00359_04922_5539.N1	07-FEB-2003 22:52:44	Bright	40.500	151	13Mu Gem	2.8900	3000.0	81	4922	No
473	GOM_NL__2PRFIN20030207_225442_000000382013_00359_04922_5540.N1	07-FEB-2003 22:54:42	Bright	38.000	24	66Alp Gem	1.5800	10200.	76	4922	No
474	GOM_NL__2PRFIN20030207_225707_000000362013_00359_04922_5541.N1	07-FEB-2003 22:57:07	Bright	36.000	107	37The Aur	2.6490	11000.	72	4922	No
475	GOM_NL__2PRFIN20030207_225908_000000372013_00359_04922_5542.N1	07-FEB-2003 22:59:08	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	4922	No
476	GOM_NL__2PRFIN20030207_230143_000001192013_00359_04922_5543.N1	07-FEB-2003 23:01:43	Bright	118.50	96	68Del Leo	2.5600	9300.0	237	4922	No
477	GOM_NL__2PRFIN20030207_230648_000000492013_00359_04922_5544.N1	07-FEB-2003 23:06:48	Bright	49.000	82	48Bet UMa	2.3650	10600.	98	4922	No
478	GOM_NL__2PRFIN20030207_231100_000000352013_00359_04922_5545.N1	07-FEB-2003 23:11:00	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	4922	No
479	GOM_NL__2PRFIN20030207_231340_000000412013_00359_04922_5546.N1	07-FEB-2003 23:13:40	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	4922	No
480	GOM_NL__2PRFIN20030207_231733_000000362013_00359_04922_5547.N1	07-FEB-2003 23:17:33	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	4922	No
481	GOM_NL__2PRFIN20030207_232155_000000402013_00359_04922_5548.N1	07-FEB-2003 23:21:55	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	4922	No
482	GOM_NL__2PRFIN20030207_232327_000000362013_00359_04922_5549.N1	07-FEB-2003 23:23:27	Bright	36.000	144	18Del Cyg	2.8600	11000.	72	4922	No
483	GOM_NL__2PRFIN20030207_232549_000000362013_00359_04922_5550.N1	07-FEB-2003 23:25:49	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	4922	No
484	GOM_NL__2PRFIN20030207_232852_000000502013_00359_04922_5551.N1	07-FEB-2003 23:28:52	Bright	49.500	133	40Zet Her	2.8070	6000.0	99	4922	No
485	GOM_NL__2PRFIN20030207_233203_000000792013_00359_04922_5552.N1	07-FEB-2003 23:32:03	Bright	79.000	67	5Alp CrB	2.2210	11000.	158	4922	No
486	GOM_NL__2PRFIN20030207_233423_000001712013_00359_04922_5553.N1	07-FEB-2003 23:34:23	Tw_i_and_stray	170.50	83		2.3780	11000.	341	4922	No
487	GOM_NL__2PRFIN20030207_234320_000000492013_00359_04922_5554.N1	07-FEB-2003 23:43:20	Twilight	49.000	86	35Eta Oph	2.4300	10200.	98	4922	No
488	GOM_NL__2PRFIN20030207_234509_000000432013_00359_04922_5555.N1	07-FEB-2003 23:45:09	Twilight	43.000	116	19Del Sgr	2.7000	4100.0	86	4922	No
489	GOM_NL__2PRFIN20030207_234619_000000422013_00359_04922_5556.N1	07-FEB-2003 23:46:19	Dark	42.000	38	20Eps Sgr	1.8360	11000.	84	4922	No
490	GOM_NL__2PRFIN20030207_234759_000000642013_00359_04922_5557.N1	07-FEB-2003 23:47:59	Dark	63.500	16	21Alp Sco	1.0200	3000.0	127	4922	No
491	GOM_NL__2PRFIN20030207_234943_000000512013_00359_04922_5558.N1	07-FEB-2003 23:49:43	Dark	51.000	158	6Pi Sco	2.9060	28000.	102	4922	No
492	GOM_NL__2PRFIN20030207_235251_000000452013_00359_04922_5559.N1	07-FEB-2003 23:52:51	Dark	45.000	141	Bet Ara	2.8400	4600.0	90	4922	No
493	GOM_NL__2PRFIN20030207_235638_000000392013_00360_04923_5523.N1	07-FEB-2003 23:56:38	Dark	38.500	43	Alp TrA	1.9100	4250.0	77	4923	No

3. Quality information per product

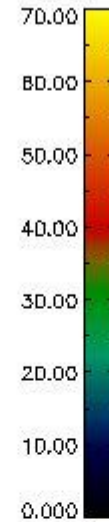
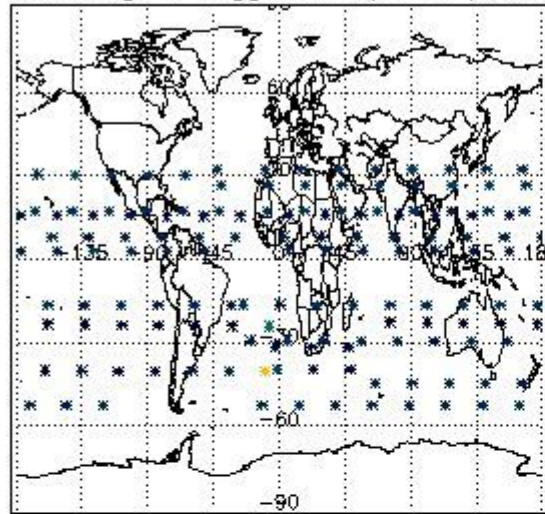
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

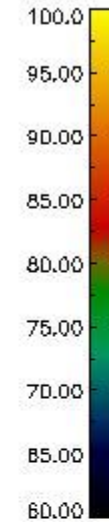
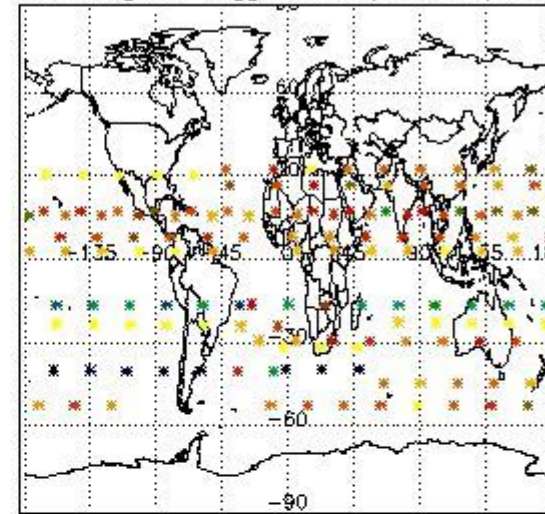


3.2 Plot quality information per product (world map)

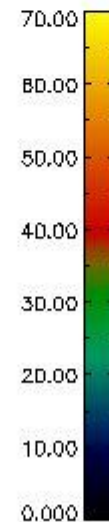
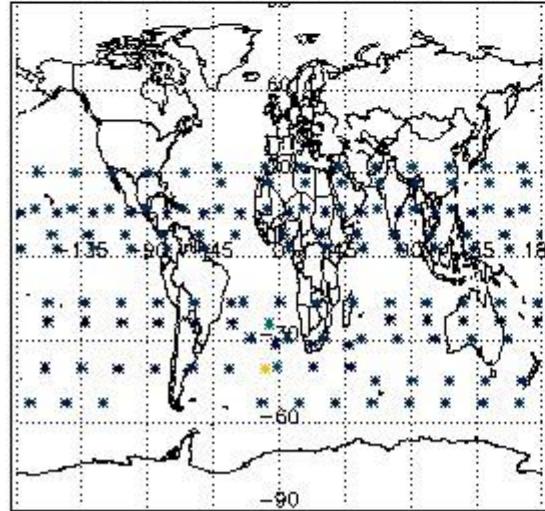
Percentage of flagged data per O3 profile



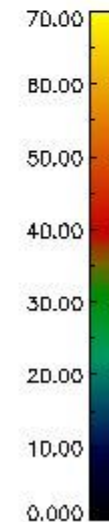
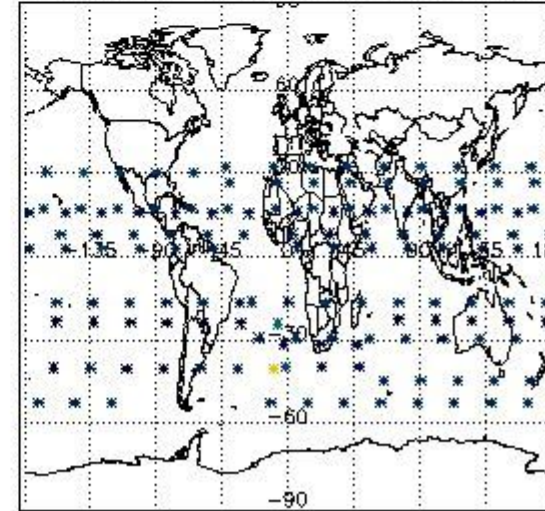
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

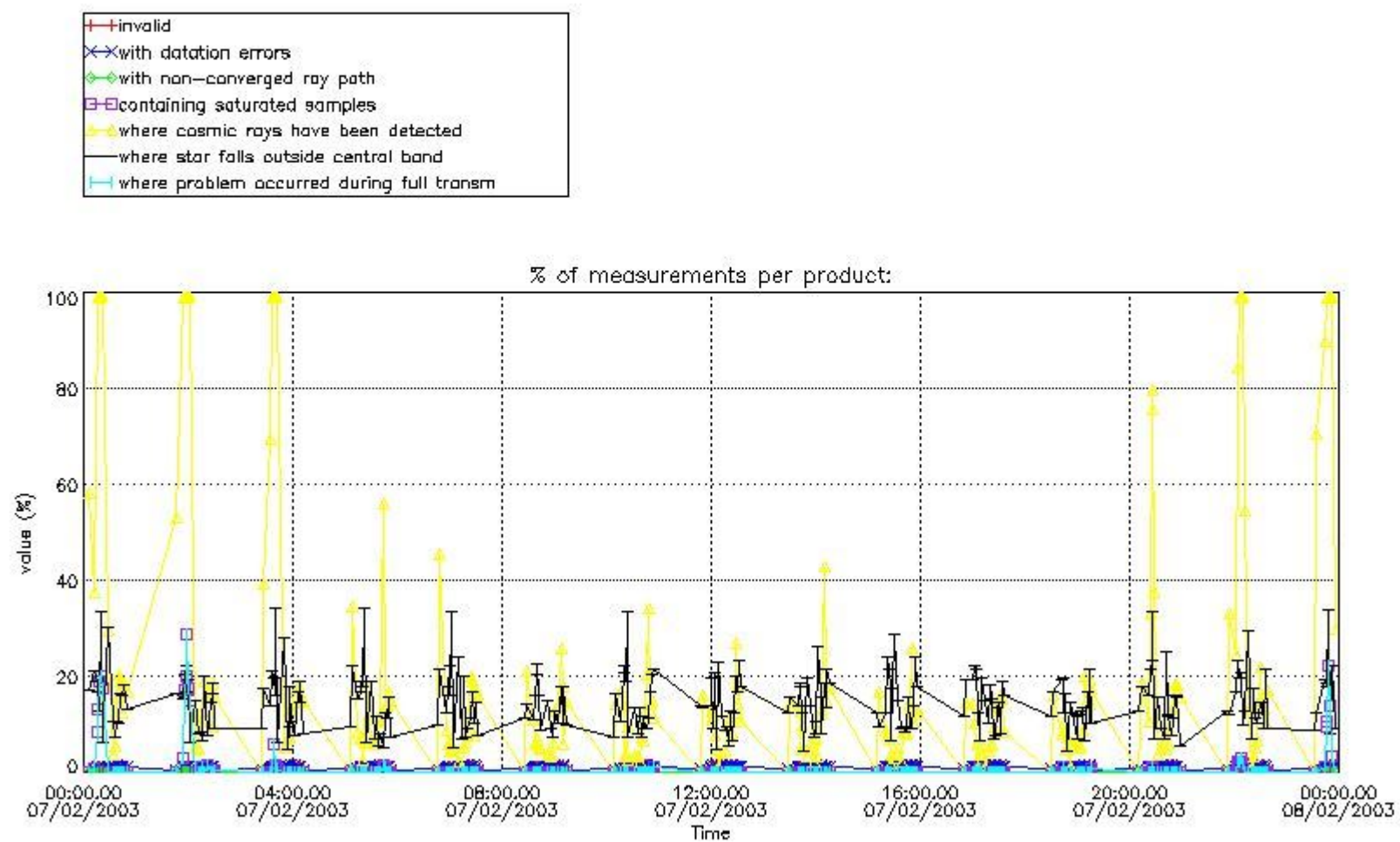


4. Level 1 quality information per product

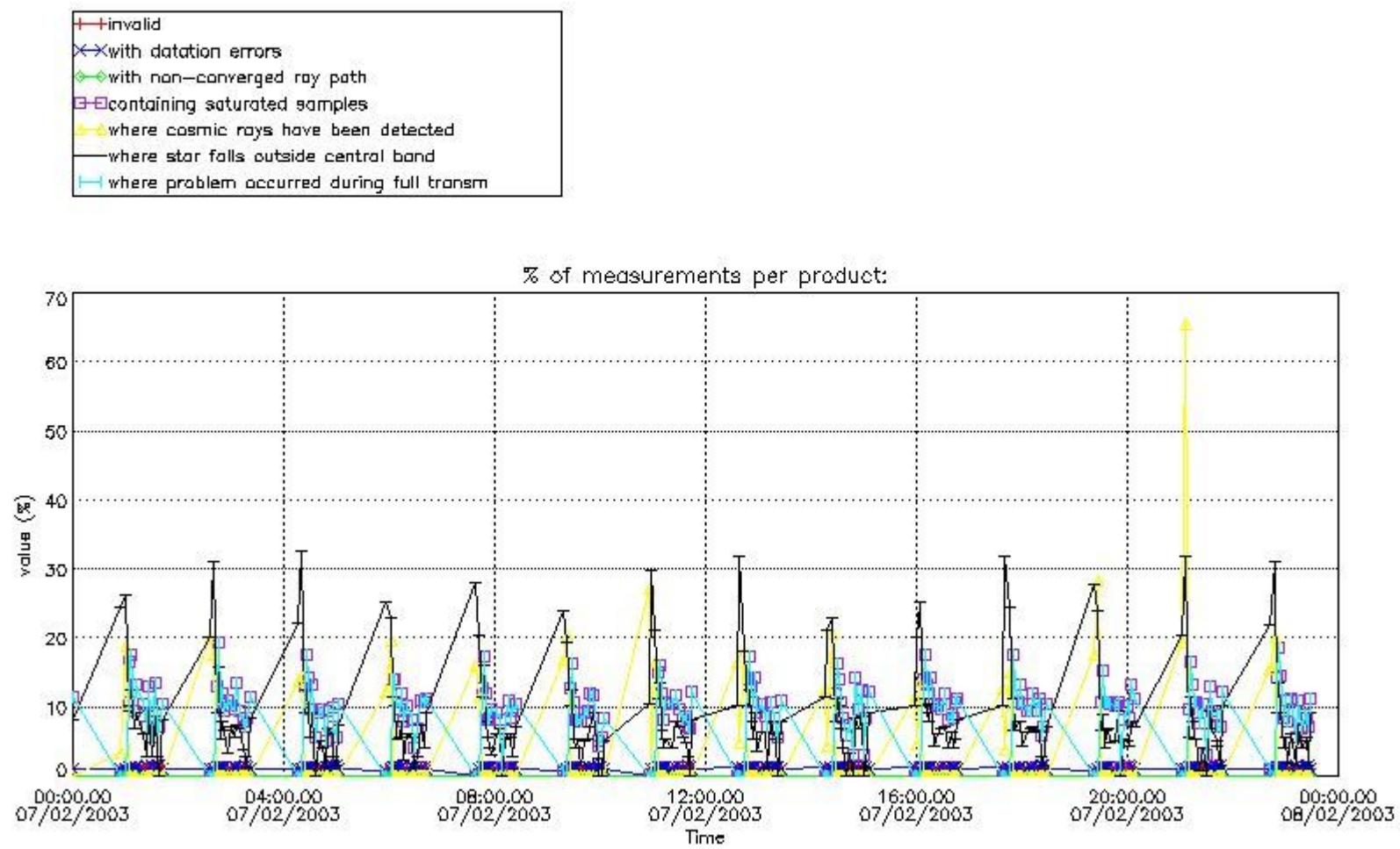
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

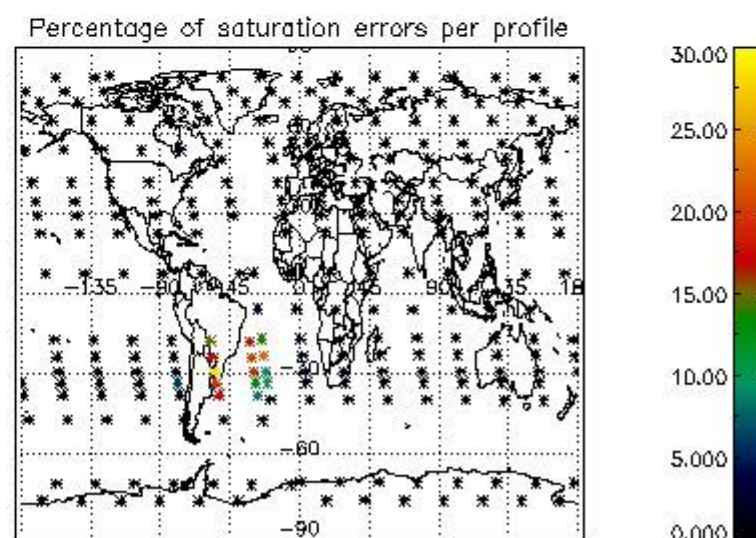
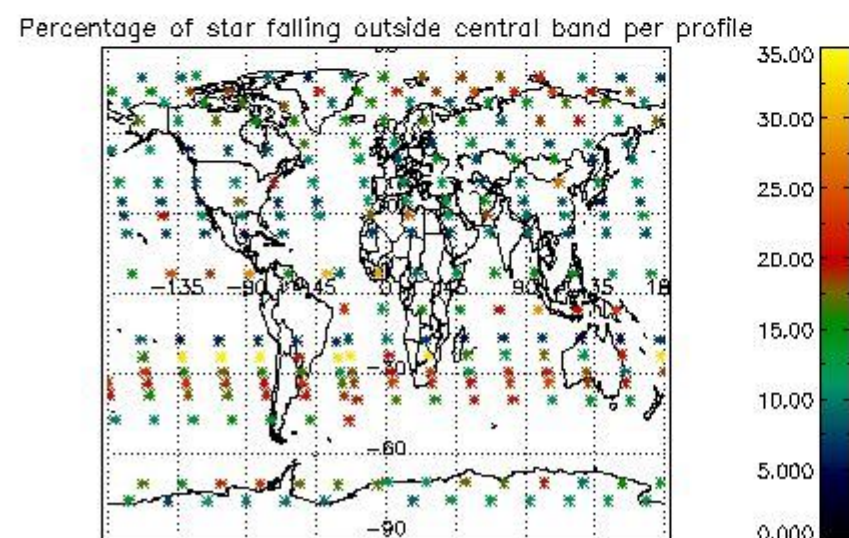
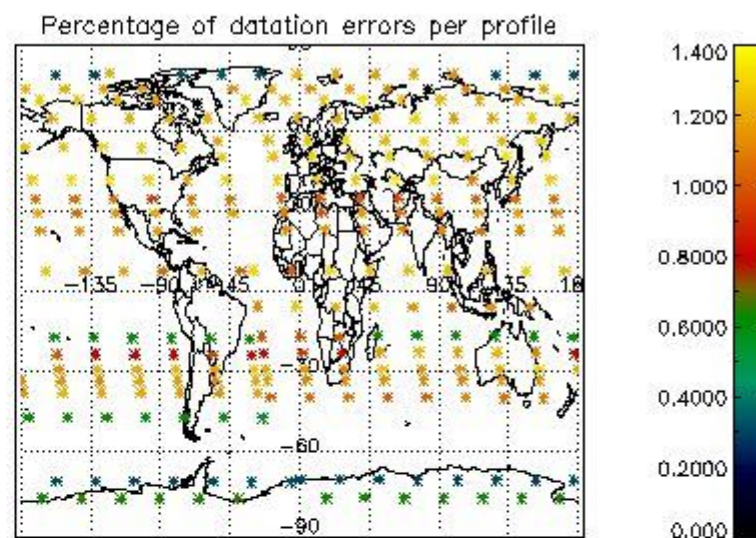
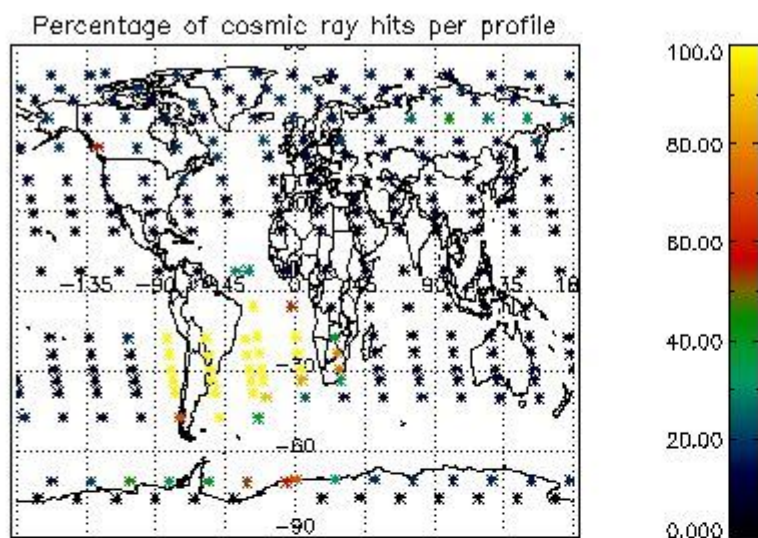


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

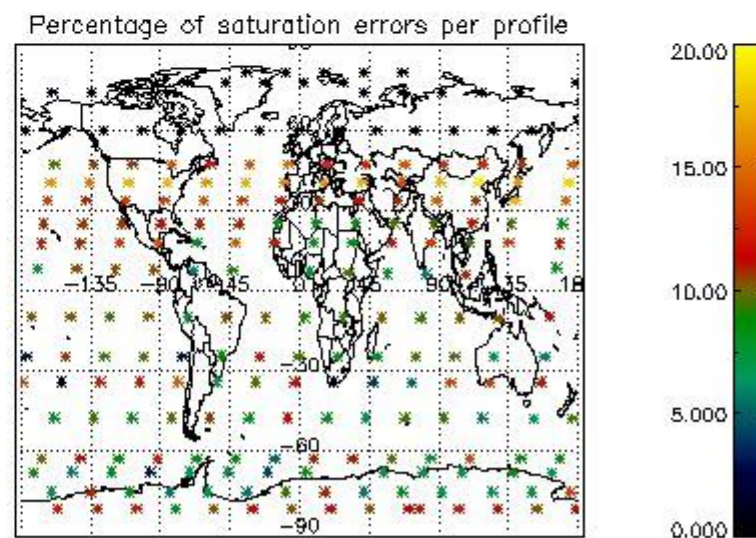
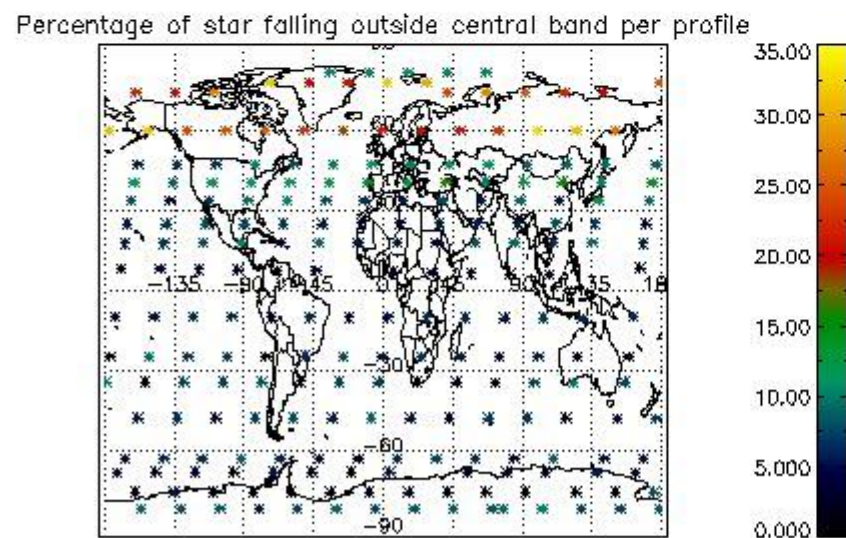
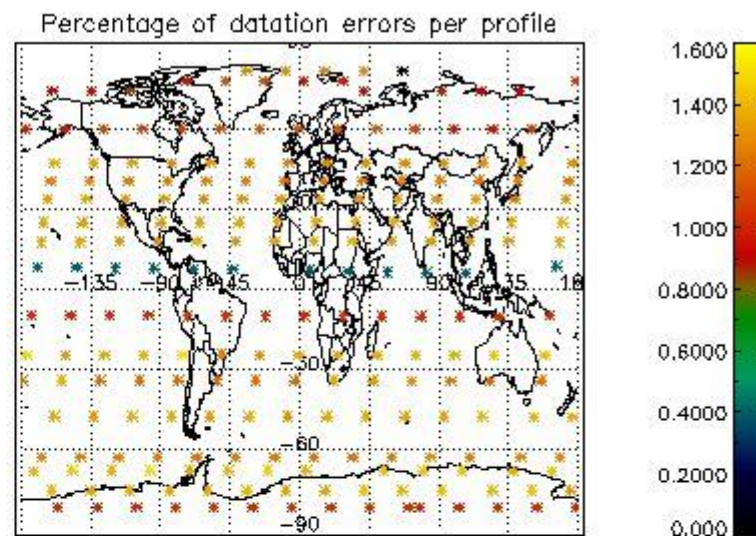
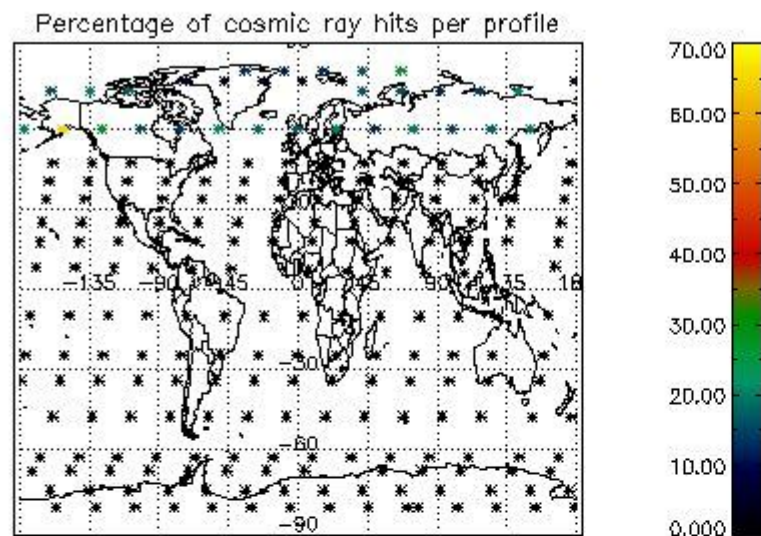


4.2 Plot quality information per product coming from level 1b processing (world map)

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

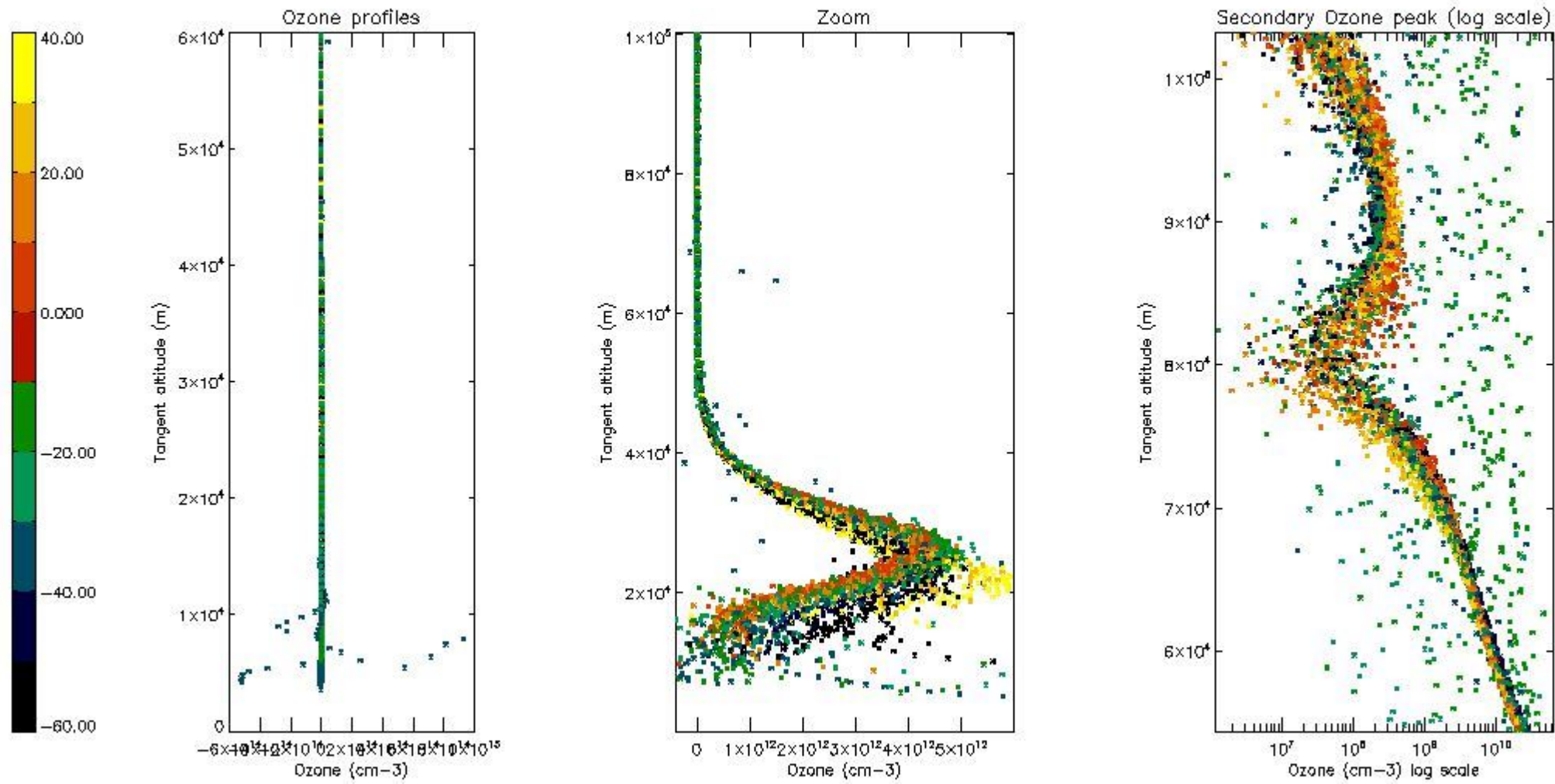
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

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

STD < 10	13
STD < 5	10

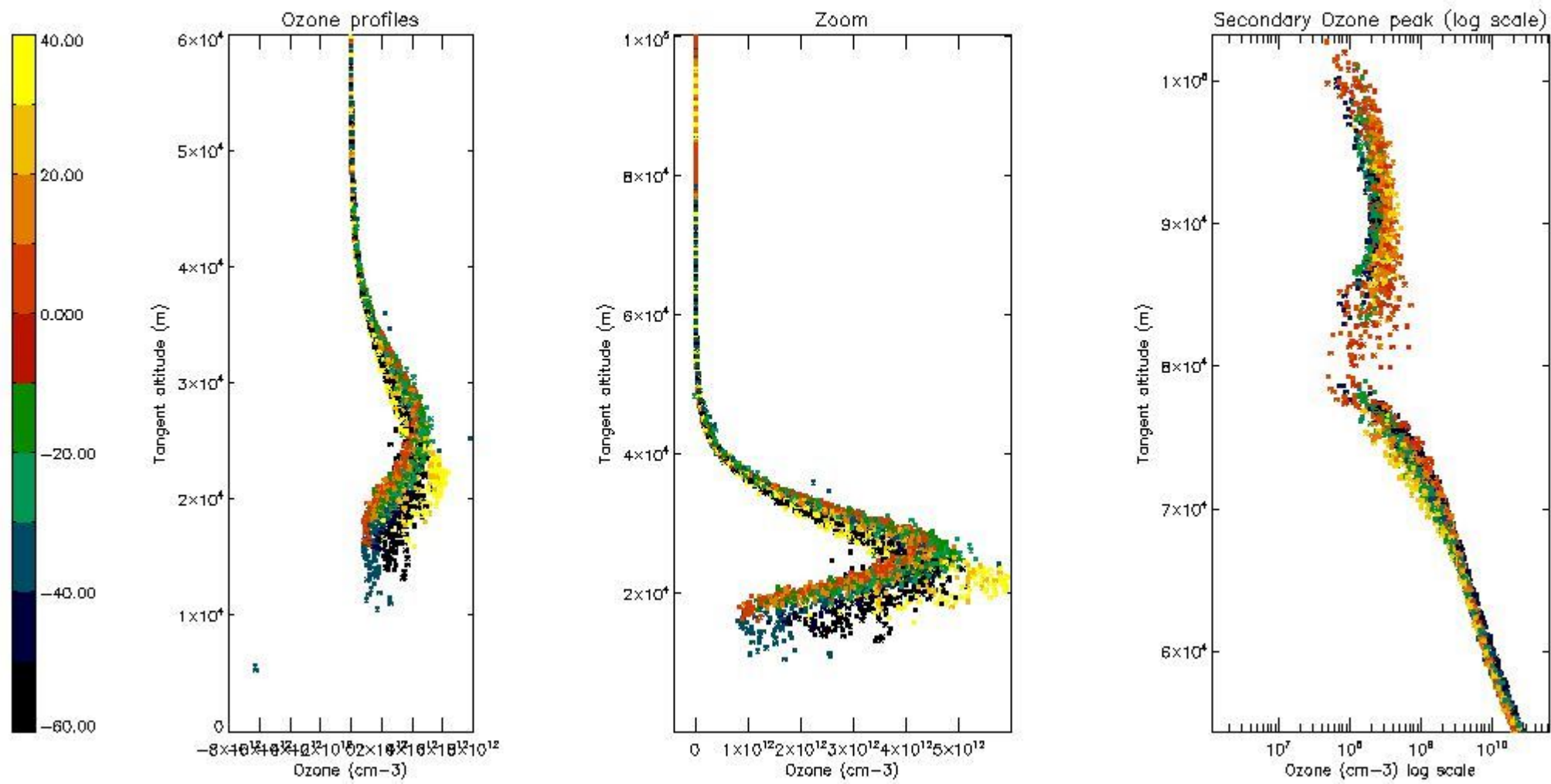
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



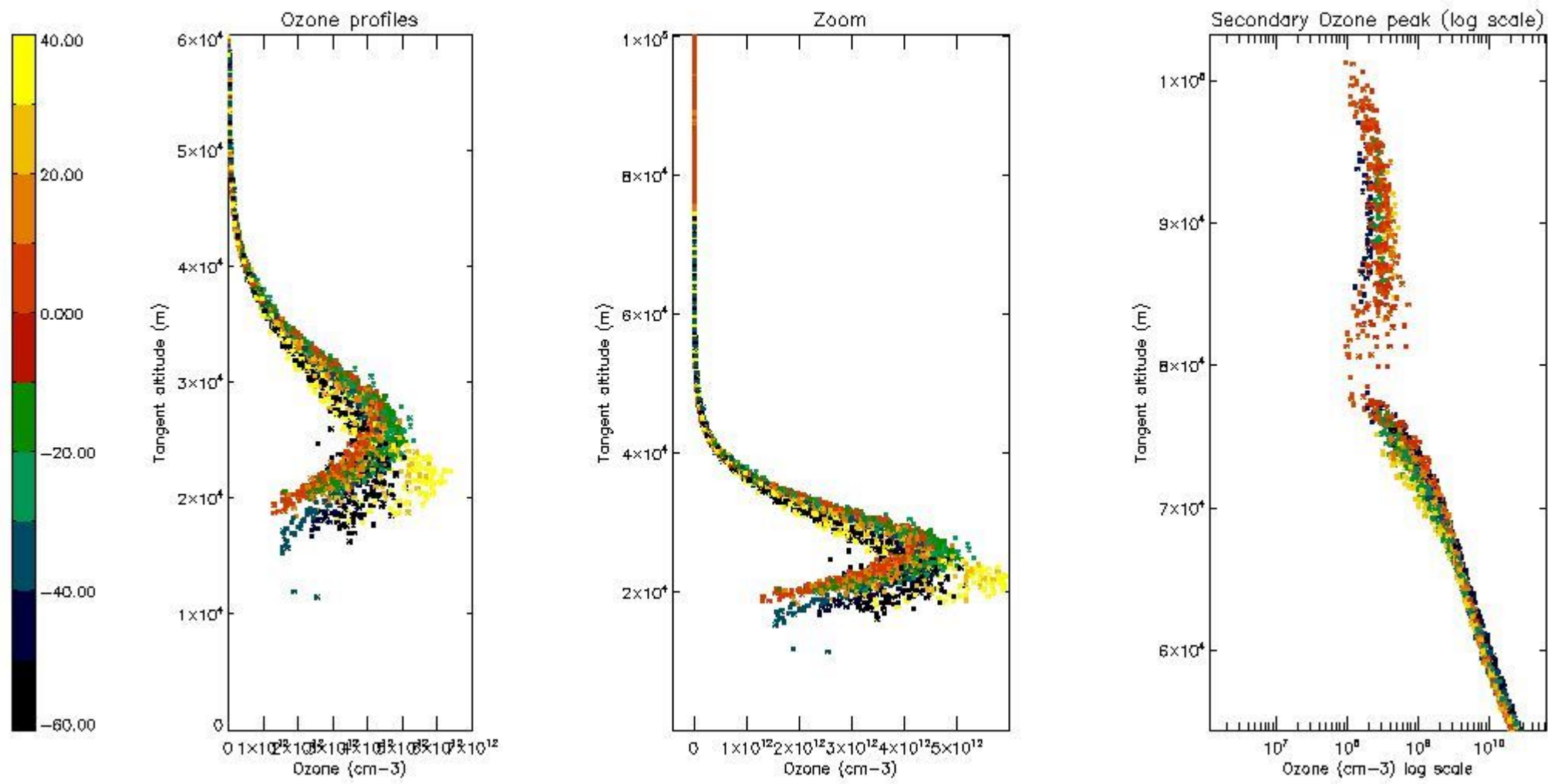
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



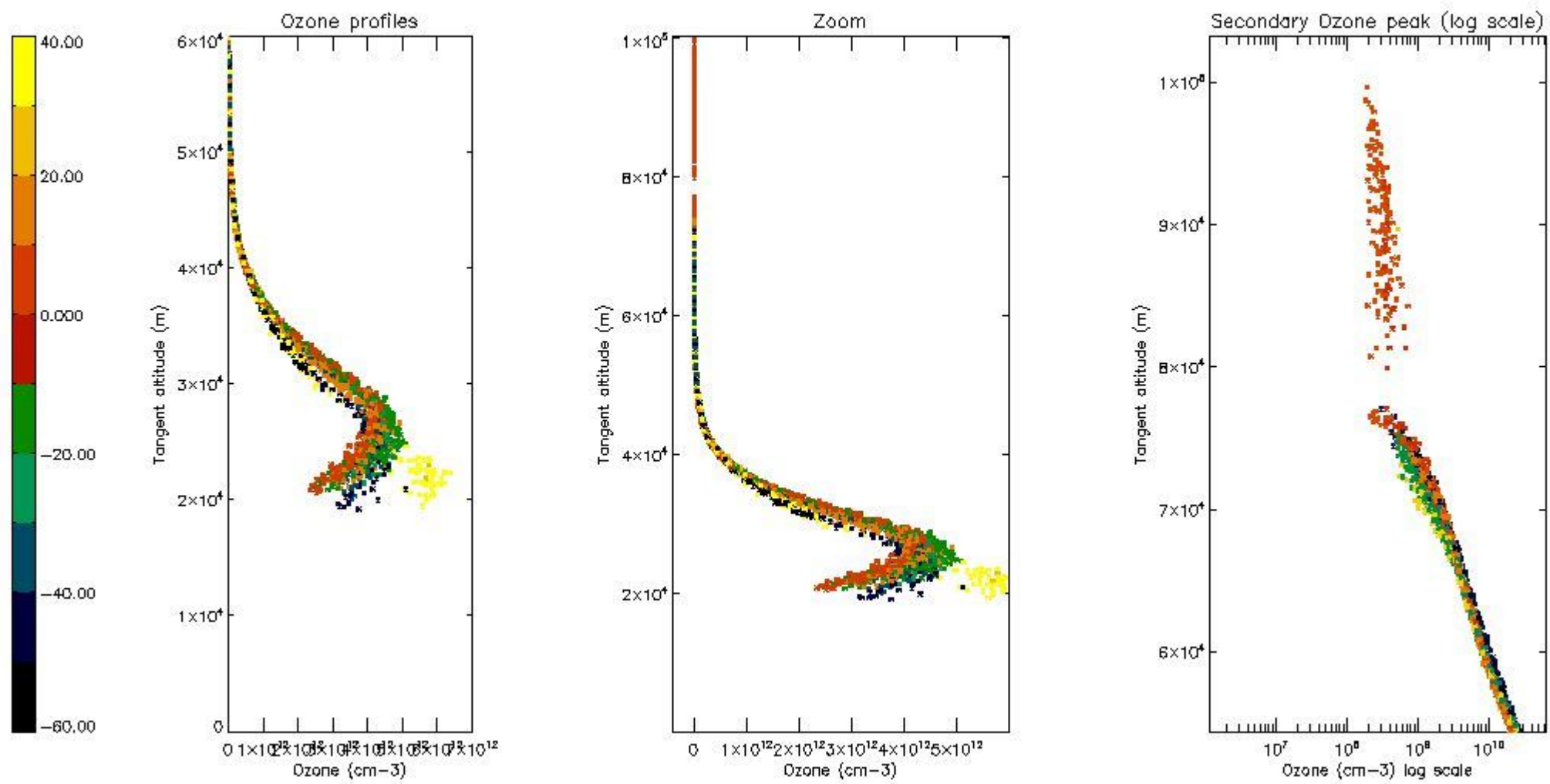
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



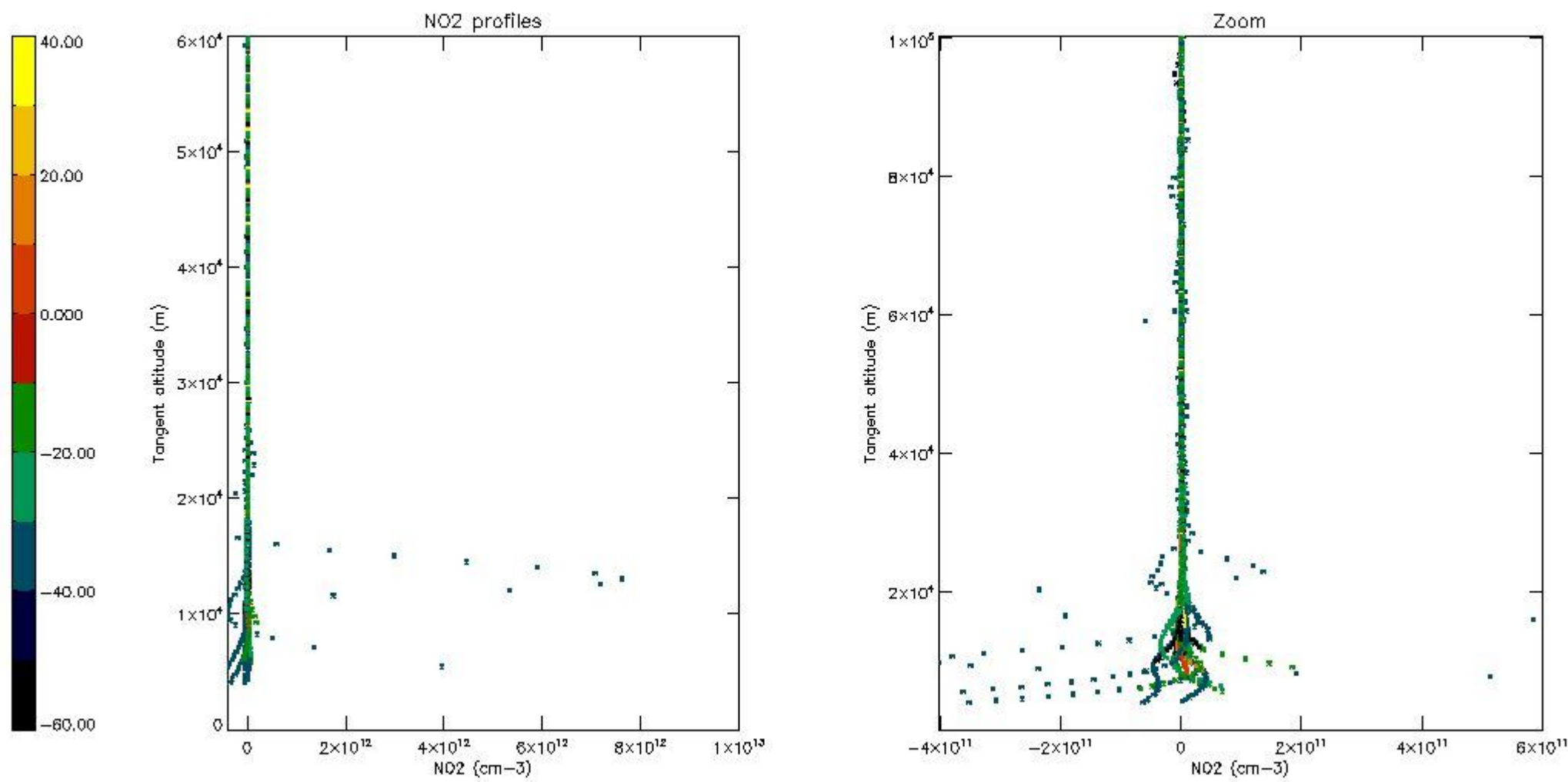
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



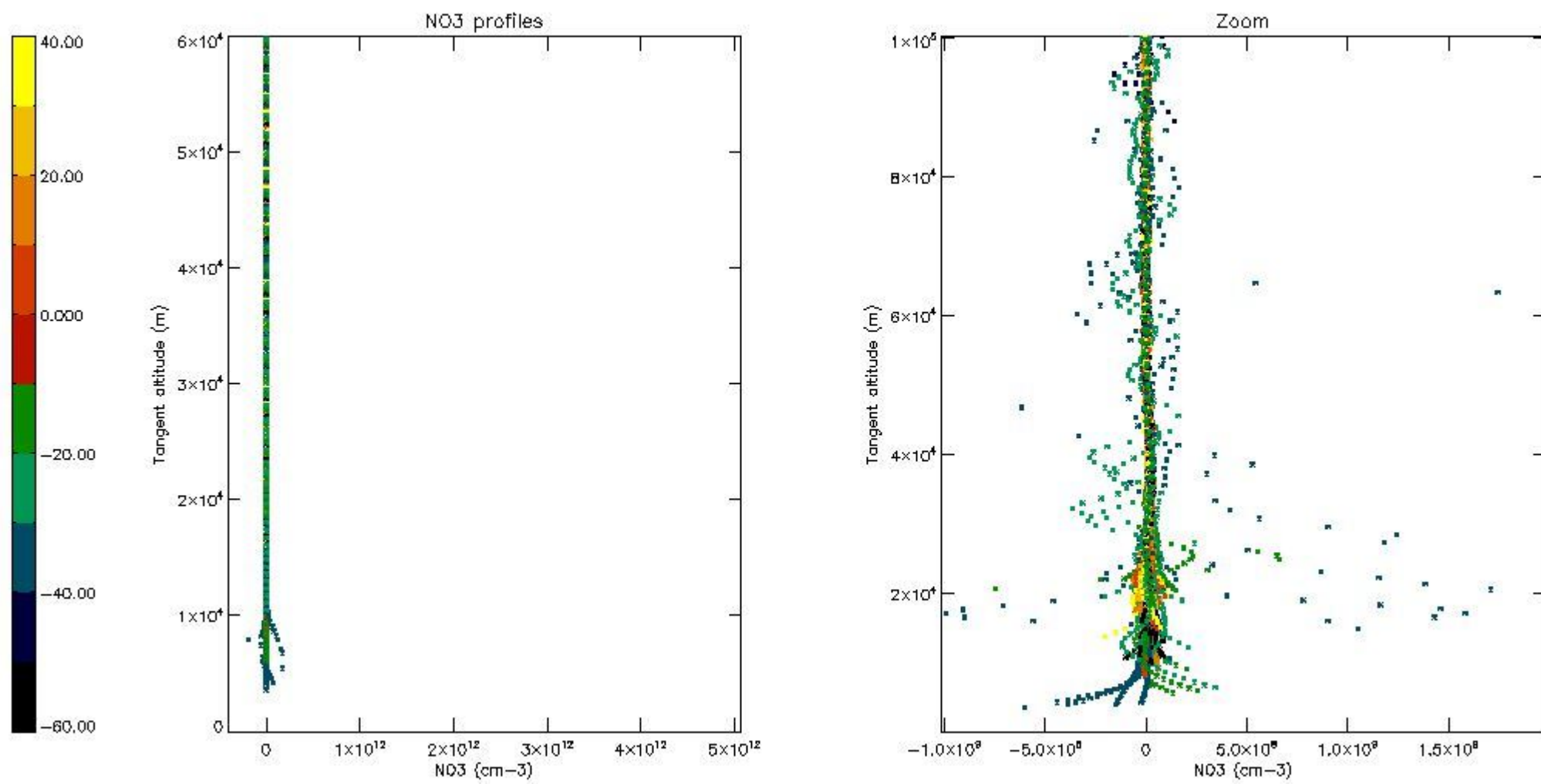
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



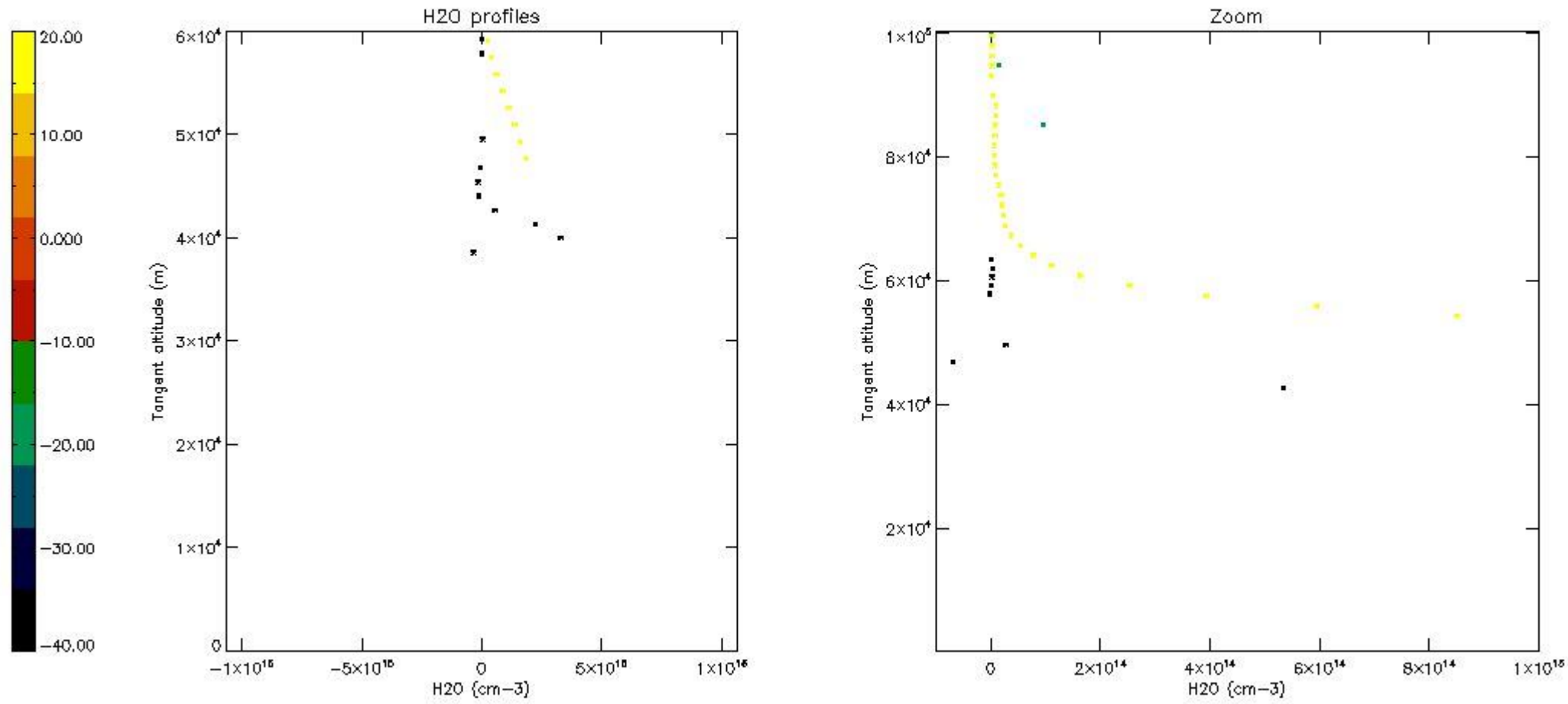
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXNIEC20050627_150440_20020301_000000_20100101_000000	1	07-FEB-2003 00:00:27
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	07-FEB-2003 00:00:27
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	07-FEB-2003 00:00:27

GOMOS Level 2 Daily Report

SUMMARY

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

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

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

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

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

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[5.5. 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 09:02:42
Data source version	GOMOS/6.01
Start time of products	07-02-2003 (07FEB2003 00:00:00)
Stop time of products	08-02-2003 (08FEB2003 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	493
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__2PRFIN20030207_000027_000000492013_00345_04908_5321.N1	07-FEB-2003 00:00:27	Bright	48.500	133	40Zet Her	2.8070	6000.0	97	4908	No
2	GOM_NL__2PRFIN20030207_000540_000001612013_00345_04908_5322.N1	07-FEB-2003 00:05:40	Twilight	161.00	83		2.3780	11000.	322	4908	No
3	GOM_NL__2PRFIN20030207_001244_000000882013_00345_04908_5323.N1	07-FEB-2003 00:12:44	Straylight	88.000	102	24Alp Ser	2.6000	4250.0	176	4908	No
4	GOM_NL__2PRFIN20030207_001525_000000432013_00345_04908_5324.N1	07-FEB-2003 00:15:25	Twilight	42.500	137	22Lam Sgr	2.8240	4400.0	85	4908	No
5	GOM_NL__2PRFIN20030207_001643_000000422013_00345_04908_5325.N1	07-FEB-2003 00:16:43	Twilight	42.000	116	19Del Sgr	2.7000	4100.0	84	4908	No
6	GOM_NL__2PRFIN20030207_001753_000000402013_00345_04908_5326.N1	07-FEB-2003 00:17:53	Twilight	39.500	38	20Eps Sgr	1.8360	11000.	79	4908	No
7	GOM_NL__2PRFIN20030207_001924_000000632013_00345_04908_5327.N1	07-FEB-2003 00:19:24	Dark	63.000	16	21Alp Sco	1.0200	3000.0	126	4908	No
8	GOM_NL__2PRFIN20030207_002106_000000802013_00345_04908_5328.N1	07-FEB-2003 00:21:06	Dark	80.000	104	27Bet Lib	2.6140	13100.	160	4908	No
9	GOM_NL__2PRFIN20030207_002812_000000502013_00346_04909_5616.N1	07-FEB-2003 00:28:12	Dark	49.500	43	Alp TrA	1.9100	4250.0	99	4909	No
10	GOM_NL__2PRFIN20030207_003414_000000432013_00346_04909_5617.N1	07-FEB-2003 00:34:14	Dark	43.000	20	Bet Cru	1.2530	30000.	86	4909	No
11	GOM_NL__2PRFIN20030207_003540_000000472013_00346_04909_5618.N1	07-FEB-2003 00:35:40	Dark	47.000	64	Gam Cen	2.2000	10600.	94	4909	No
12	GOM_NL__2PRFIN20030207_003745_000000392013_00346_04909_5619.N1	07-FEB-2003 00:37:45	Dark	38.500	29	Bet Car	1.6720	10200.	77	4909	No
13	GOM_NL__2PRFIN20030207_004014_000000402013_00346_04909_5620.N1	07-FEB-2003 00:40:14	Dark	39.500	71	lot Car	2.2460	7700.0	79	4909	No
14	GOM_NL__2PRFIN20030207_004156_000000432013_00346_04909_5621.N1	07-FEB-2003 00:41:56	Dark	42.500	46	Del Vel	1.9540	10600.	85	4909	No
15	GOM_NL__2PRFIN20030207_004424_000000412013_00346_04909_5622.N1	07-FEB-2003 00:44:24	Straylight	41.000	34	Gam2Vel	1.7930	23000.	82	4909	No
16	GOM_NL__2PRFIN20030207_004611_000001112013_00346_04909_5623.N1	07-FEB-2003 00:46:11	Straylight	110.50	171	2Eps Crv	3.0010	4250.0	221	4909	No
17	GOM_NL__2PRFIN20030207_005047_000000422013_00346_04909_5624.N1	07-FEB-2003 00:50:47	Straylight	41.500	132	15Rho Pup	2.8030	6900.0	83	4909	No
18	GOM_NL__2PRFIN20030207_005346_000000472013_00346_04909_5625.N1	07-FEB-2003 00:53:46	Straylight	47.000	1	9Alp CMa	-1.4400	11000.	94	4909	No
19	GOM_NL__2PRFIN20030207_005921_000000482013_00346_04909_5626.N1	07-FEB-2003 00:59:21	Twilight	47.500	8	10Alp CMi	0.40000	6500.0	95	4909	No
20	GOM_NL__2PRFIN20030207_010300_000000382013_00346_04909_5627.N1	07-FEB-2003 01:03:00	Bright	37.500	44	24Gam Gem	1.9280	11000.	75	4909	No
21	GOM_NL__2PRFIN20030207_010454_000000402013_00346_04909_5628.N1	07-FEB-2003 01:04:54	Bright	39.500	151	13Mu Gem	2.8900	3000.0	79	4909	No
22	GOM_NL__2PRFIN20030207_010655_000000402013_00346_04909_5629.N1	07-FEB-2003 01:06:55	Bright	40.000	24	66Alp Gem	1.5800	10200.	80	4909	No
23	GOM_NL__2PRFIN20030207_010915_000000372013_00346_04909_5630.N1	07-FEB-2003 01:09:15	Bright	37.000	107	37The Aur	2.6490	11000.	74	4909	No
24	GOM_NL__2PRFIN20030207_011117_000000382013_00346_04909_5631.N1	07-FEB-2003 01:11:17	Bright	38.000	42	34Bet Aur	1.9000	10200.	76	4909	No
25	GOM_NL__2PRFIN20030207_011912_000000492013_00346_04909_5632.N1	07-FEB-2003 01:19:12	Bright	48.500	82	48Bet UMa	2.3650	10600.	97	4909	No
26	GOM_NL__2PRFIN20030207_012313_000000352013_00346_04909_5633.N1	07-FEB-2003 01:23:13	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	4909	No
27	GOM_NL__2PRFIN20030207_012557_000000422013_00346_04909_5634.N1	07-FEB-2003 01:25:57	Bright	42.000	60	7Bet UMi	2.0810	3950.0	84	4909	No
28	GOM_NL__2PRFIN20030207_012943_000000362013_00346_04909_5635.N1	07-FEB-2003 01:29:43	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	4909	No
29	GOM_NL__2PRFIN20030207_013409_000000412013_00346_04909_5636.N1	07-FEB-2003 01:34:09	Bright	40.500	130	23Bet Dra	2.7990	5800.0	81	4909	No
30	GOM_NL__2PRFIN20030207_013538_000000352013_00346_04909_5637.N1	07-FEB-2003 01:35:38	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	4909	No
31	GOM_NL__2PRFIN20030207_013800_000000352013_00346_04909_5638.N1	07-FEB-2003 01:38:00	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	4909	No
32	GOM_NL__2PRFIN20030207_014103_000000492013_00346_04909_5639.N1	07-FEB-2003 01:41:03	Bright	48.500	133	40Zet Her	2.8070	6000.0	97	4909	No
33	GOM_NL__2PRFIN20030207_014618_000001612013_00346_04909_5640.N1	07-FEB-2003 01:46:18	Twilight	160.50	83		2.3780	11000.	321	4909	No
34	GOM_NL__2PRFIN20030207_015321_000000822013_00346_04909_5641.N1	07-FEB-2003 01:53:21	Straylight	82.000	102	24Alp Ser	2.6000	4250.0	164	4909	No
35	GOM_NL__2PRFIN20030207_015601_000000442013_00346_04909_5642.N1	07-FEB-2003 01:56:01	Twilight	44.000	137	22Lam Sgr	2.8240	4400.0	88	4909	No
36	GOM_NL__2PRFIN20030207_015719_000000452013_00346_04909_5643.N1	07-FEB-2003 01:57:19	Twilight	45.000	116	19Del Sgr	2.7000	4100.0	90	4909	No
37	GOM_NL__2PRFIN20030207_015829_000000422013_00346_04909_5644.N1	07-FEB-2003 01:58:29	Twilight	42.000	38	20Eps Sgr	1.8360	11000.	84	4909	No
38	GOM_NL__2PRFIN20030207_020001_000000522013_00346_04909_5645.N1	07-FEB-2003 02:00:01	Dark	52.000	16	21Alp Sco	1.0200	3000.0	104	4909	No
39	GOM_NL__2PRFIN20030207_020144_000000812013_00346_04909_5646.N1	07-FEB-2003 02:01:44	Dark	80.500	104	27Bet Lib	2.6140	13100.	161	4909	No
40	GOM_NL__2PRFIN20030207_020848_000000412013_00347_04910_5489.N1	07-FEB-2003 02:08:48	Dark	40.500	43	Alp TrA	1.9100	4250.0	81	4910	No
41	GOM_NL__2PRFIN20030207_021258_000000442013_00347_04910_5490.N1	07-FEB-2003 02:12:58	Dark	44.000	77	Eps Cen	2.3030	28000.	88	4910	No
42	GOM_NL__2PRFIN20030207_021450_000000422013_00347_04910_5491.N1	07-FEB-2003 02:14:50	Dark	42.000	20	Bet Cru	1.2530	30000.	84	4910	No

43	GOM_NL__2PRFIN20030207_021617_00000472013_00347_04910_5492.N1	07-FEB-2003 02:16:17	Dark	46.500	64	Gam Cen	2.2000	10600.	93	4910	No
44	GOM_NL__2PRFIN20030207_021822_00000432013_00347_04910_5493.N1	07-FEB-2003 02:18:22	Dark	42.500	29	Bet Car	1.6720	10200.	85	4910	No
45	GOM_NL__2PRFIN20030207_022148_00000392013_00347_04910_5494.N1	07-FEB-2003 02:21:48	Dark	39.000	91	Kap Vel	2.4900	26000.	78	4910	No
46	GOM_NL__2PRFIN20030207_022500_00000412013_00347_04910_5495.N1	07-FEB-2003 02:25:00	Straylight	41.000	34	Gam2Vel	1.7930	23000.	82	4910	No
47	GOM_NL__2PRFIN20030207_022704_00000432013_00347_04910_5496.N1	07-FEB-2003 02:27:04	Straylight	42.500	70	Zet Pup	2.2460	39000.	85	4910	No
48	GOM_NL__2PRFIN20030207_022823_00000432013_00347_04910_5497.N1	07-FEB-2003 02:28:23	Straylight	43.000	117	Pi Pup	2.7060	3800.0	86	4910	No
49	GOM_NL__2PRFIN20030207_023040_000001632013_00347_04910_5498.N1	07-FEB-2003 02:30:40	Straylight	162.50	100	4Gam Crv	2.5800	13100.	325	4910	No
50	GOM_NL__2PRFIN20030207_023540_00000552013_00347_04910_5499.N1	07-FEB-2003 02:35:40	Straylight	54.500	48	30Alp Hya	1.9770	4100.0	109	4910	No
51	GOM_NL__2PRFIN20030207_023957_00000522013_00347_04910_5500.N1	07-FEB-2003 02:39:57	Twl_and_stray	51.500	8	10Alp CMi	0.40000	6500.0	103	4910	No
52	GOM_NL__2PRFIN20030207_024336_00000392013_00347_04910_5501.N1	07-FEB-2003 02:43:36	Bright	38.500	44	24Gam Gem	1.9280	11000.	77	4910	No
53	GOM_NL__2PRFIN20030207_024530_00000422013_00347_04910_5502.N1	07-FEB-2003 02:45:30	Bright	41.500	151	13Mu Gem	2.8900	3000.0	83	4910	No
54	GOM_NL__2PRFIN20030207_024731_00000382013_00347_04910_5503.N1	07-FEB-2003 02:47:31	Bright	37.500	24	66Alp Gem	1.5800	10200.	75	4910	No
55	GOM_NL__2PRFIN20030207_024951_00000382013_00347_04910_5504.N1	07-FEB-2003 02:49:51	Bright	38.000	107	37The Aur	2.6490	11000.	76	4910	No
56	GOM_NL__2PRFIN20030207_025153_00000382013_00347_04910_5505.N1	07-FEB-2003 02:51:53	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	4910	No
57	GOM_NL__2PRFIN20030207_025512_000001332013_00347_04910_5506.N1	07-FEB-2003 02:55:12	Bright	133.00	96	68Del Leo	2.5600	9300.0	266	4910	No
58	GOM_NL__2PRFIN20030207_025946_00000492013_00347_04910_5507.N1	07-FEB-2003 02:59:46	Bright	49.000	82	48Bet UMa	2.3650	10600.	98	4910	No
59	GOM_NL__2PRFIN20030207_030349_00000372013_00347_04910_5508.N1	07-FEB-2003 03:03:49	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	4910	No
60	GOM_NL__2PRFIN20030207_030632_00000412013_00347_04910_5509.N1	07-FEB-2003 03:06:32	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	4910	No
61	GOM_NL__2PRFIN20030207_031019_00000372013_00347_04910_5510.N1	07-FEB-2003 03:10:19	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	4910	No
62	GOM_NL__2PRFIN20030207_031445_00000392013_00347_04910_5511.N1	07-FEB-2003 03:14:45	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	4910	No
63	GOM_NL__2PRFIN20030207_031614_00000352013_00347_04910_5512.N1	07-FEB-2003 03:16:14	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	4910	No
64	GOM_NL__2PRFIN20030207_031836_00000362013_00347_04910_5513.N1	07-FEB-2003 03:18:36	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	4910	No
65	GOM_NL__2PRFIN20030207_032139_00000482013_00347_04910_5514.N1	07-FEB-2003 03:21:39	Bright	48.000	133	40Zet Her	2.8070	6000.0	96	4910	No
66	GOM_NL__2PRFIN20030207_032446_00000772013_00347_04910_5515.N1	07-FEB-2003 03:24:46	Bright	76.500	67	5Alp CrB	2.2210	11000.	153	4910	No
67	GOM_NL__2PRFIN20030207_032655_000001642013_00347_04910_5516.N1	07-FEB-2003 03:26:55	Twl_and_stray	163.50	83		2.3780	11000.	327	4910	No
68	GOM_NL__2PRFIN20030207_033359_00000802013_00347_04910_5517.N1	07-FEB-2003 03:33:59	Straylight	80.000	102	24Alp Ser	2.6000	4250.0	160	4910	No
69	GOM_NL__2PRFIN20030207_033637_00000432013_00347_04910_5518.N1	07-FEB-2003 03:36:37	Twilight	43.000	137	22Lam Sgr	2.8240	4400.0	86	4910	No
70	GOM_NL__2PRFIN20030207_033755_00000432013_00347_04910_5519.N1	07-FEB-2003 03:37:55	Twilight	43.000	116	19Del Sgr	2.7000	4100.0	86	4910	No
71	GOM_NL__2PRFIN20030207_033906_00000412013_00347_04910_5520.N1	07-FEB-2003 03:39:06	Twilight	41.000	38	20Eps Sgr	1.8360	11000.	82	4910	No
72	GOM_NL__2PRFIN20030207_034038_00000632013_00347_04910_5521.N1	07-FEB-2003 03:40:38	Dark	63.000	16	21Alp Sco	1.0200	3000.0	126	4910	No
73	GOM_NL__2PRFIN20030207_034222_00000812013_00347_04910_5522.N1	07-FEB-2003 03:42:22	Dark	81.000	104	27Bet Lib	2.6140	13100.	162	4910	No
74	GOM_NL__2PRFIN20030207_034924_00000482013_00348_04911_5484.N1	07-FEB-2003 03:49:24	Dark	48.000	43	Alp TrA	1.9100	4250.0	96	4911	No
75	GOM_NL__2PRFIN20030207_035335_00000432013_00348_04911_5485.N1	07-FEB-2003 03:53:35	Dark	43.000	77	Eps Cen	2.3030	28000.	86	4911	No
76	GOM_NL__2PRFIN20030207_035527_00000422013_00348_04911_5486.N1	07-FEB-2003 03:55:27	Dark	42.000	20	Bet Cru	1.2530	30000.	84	4911	No
77	GOM_NL__2PRFIN20030207_035654_00000542013_00348_04911_5487.N1	07-FEB-2003 03:56:54	Dark	53.500	64	Gam Cen	2.2000	10600.	107	4911	No
78	GOM_NL__2PRFIN20030207_035858_00000392013_00348_04911_5488.N1	07-FEB-2003 03:58:58	Dark	38.500	29	Bet Car	1.6720	10200.	77	4911	No
79	GOM_NL__2PRFIN20030207_040225_00000392013_00348_04911_5489.N1	07-FEB-2003 04:02:25	Dark	39.000	91	Kap Vel	2.4900	26000.	78	4911	No
80	GOM_NL__2PRFIN20030207_040536_00000422013_00348_04911_5490.N1	07-FEB-2003 04:05:36	Straylight	41.500	34	Gam2Vel	1.7930	23000.	83	4911	No
81	GOM_NL__2PRFIN20030207_040740_00000412013_00348_04911_5491.N1	07-FEB-2003 04:07:40	Straylight	41.000	70	Zet Pup	2.2460	39000.	82	4911	No
82	GOM_NL__2PRFIN20030207_040859_00000432013_00348_04911_5492.N1	07-FEB-2003 04:08:59	Straylight	42.500	117	Pi Pup	2.7060	3800.0	85	4911	No
83	GOM_NL__2PRFIN20030207_041116_000001612013_00348_04911_5493.N1	07-FEB-2003 04:11:16	Straylight	161.00	100	4Gam Crv	2.5800	13100.	322	4911	No
84	GOM_NL__2PRFIN20030207_041616_00000552013_00348_04911_5494.N1	07-FEB-2003 04:16:16	Straylight	54.500	48	30Alp Hya	1.9770	4100.0	109	4911	No
85	GOM_NL__2PRFIN20030207_042033_00000522013_00348_04911_5495.N1	07-FEB-2003 04:20:33	Twl_and_stray	52.000	8	10Alp CMi	0.40000	6500.0	104	4911	No
86	GOM_NL__2PRFIN20030207_042413_00000392013_00348_04911_5496.N1	07-FEB-2003 04:24:13	Bright	38.500	44	24Gam Gem	1.9280	11000.	77	4911	No
87	GOM_NL__2PRFIN20030207_042606_00000402013_00348_04911_5497.N1	07-FEB-2003 04:26:06	Bright	40.000	151	13Mu Gem	2.8900	3000.0	80	4911	No
88	GOM_NL__2PRFIN20030207_042807_00000392013_00348_04911_5498.N1	07-FEB-2003 04:28:07	Bright	38.500	24	66Alp Gem	1.5800	10200.	77	4911	No
89	GOM_NL__2PRFIN20030207_043028_00000372013_00348_04911_5499.N1	07-FEB-2003 04:30:28	Bright	36.500	107	37The Aur	2.6490	11000.	73	4911	No
90	GOM_NL__2PRFIN20030207_043230_00000382013_00348_04911_5500.N1	07-FEB-2003 04:32:30	Bright	38.000	42	34Bet Aur	1.9000	10200.	76	4911	No
91	GOM_NL__2PRFIN20030207_043545_000001252013_00348_04911_5501.N1	07-FEB-2003 04:35:45	Bright	125.00	96	68Del Leo	2.5600	9300.0	250	4911	No
92	GOM_NL__2PRFIN20030207_044022_00000492013_00348_04911_5502.N1	07-FEB-2003 04:40:22	Bright	48.500	82	48Bet UMa	2.3650	10600.	97	4911	No
93	GOM_NL__2PRFIN20030207_044425_00000372013_00348_04911_5503.N1	07-FEB-2003 04:44:25	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	4911	No
94	GOM_NL__2PRFIN20030207_044708_00000392013_00348_04911_5504.N1	07-FEB-2003 04:47:08	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	4911	No
95	GOM_NL__2PRFIN20030207_045055_00000372013_00348_04911_5505.N1	07-FEB-2003 04:50:55	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	4911	No
96	GOM_NL__2PRFIN20030207_045520_00000412013_00348_04911_5506.N1	07-FEB-2003 04:55:20	Bright	40.500	130	23Bet Dra	2.7990	5800.0	81	4911	No
97	GOM_NL__2PRFIN20030207_045650_00000352013_00348_04911_5507.N1	07-FEB-2003 04:56:50	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	4911	No
98	GOM_NL__2PRFIN20030207_045912_00000352013_00348_04911_5508.N1	07-FEB-2003 04:59:12	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	4911	No
99	GOM_NL__2PRFIN20030207_050215_00000482013_00348_04911_5509.N1	07-FEB-2003 05:02:15	Bright	48.000	133	40Zet Her	2.8070	6000.0	96	4911	No
100	GOM_NL__2PRFIN20030207_050523_00000782013_00348_04911_5510.N1	07-FEB-2003 05:05:23	Bright	78.000	67	5Alp CrB	2.2210	11000.	156	4911	No
101	GOM_NL__2PRFIN20030207_050733_000001752013_00348_04911_5511.N1	07-FEB-2003 05:07:33	Twl_and_stray	174.50	83		2.3780	11000.	349	4911	No

102	GOM_NL__2PRFIN20030207_051434_000000852013_00348_04911_5512.N1	07-FEB-2003 05:14:34	Straylight	85.000	102	24Alp Ser	2.6000	4250.0	170	4911	No
103	GOM_NL__2PRFIN20030207_051713_000000422013_00348_04911_5513.N1	07-FEB-2003 05:17:13	Twilight	42.000	137	22Lam Sgr	2.8240	4400.0	84	4911	No
104	GOM_NL__2PRFIN20030207_051831_000000432013_00348_04911_5514.N1	07-FEB-2003 05:18:31	Twilight	42.500	116	19Del Sgr	2.7000	4100.0	85	4911	No
105	GOM_NL__2PRFIN20030207_051942_000000422013_00348_04911_5515.N1	07-FEB-2003 05:19:42	Twilight	42.000	38	20Eps Sgr	1.8360	11000.	84	4911	No
106	GOM_NL__2PRFIN20030207_052114_000000632013_00348_04911_5516.N1	07-FEB-2003 05:21:14	Dark	63.000	16	21Alp Sco	1.0200	3000.0	126	4911	No
107	GOM_NL__2PRFIN20030207_052300_000000822013_00348_04911_5517.N1	07-FEB-2003 05:23:00	Dark	82.000	104	27Bet Lib	2.6140	13100.	164	4911	No
108	GOM_NL__2PRFIN20030207_053000_000000432013_00349_04912_5485.N1	07-FEB-2003 05:30:00	Dark	42.500	43	Alp TrA	1.9100	4250.0	85	4912	No
109	GOM_NL__2PRFIN20030207_053411_000000442013_00349_04912_5486.N1	07-FEB-2003 05:34:11	Dark	43.500	77	Eps Cen	2.3030	28000.	87	4912	No
110	GOM_NL__2PRFIN20030207_053603_000000442013_00349_04912_5487.N1	07-FEB-2003 05:36:03	Dark	43.500	20	Bet Cru	1.2530	30000.	87	4912	No
111	GOM_NL__2PRFIN20030207_053731_000000472013_00349_04912_5488.N1	07-FEB-2003 05:37:31	Dark	46.500	64	Gam Cen	2.2000	10600.	93	4912	No
112	GOM_NL__2PRFIN20030207_053934_000000382013_00349_04912_5489.N1	07-FEB-2003 05:39:34	Dark	38.000	29	Bet Car	1.6720	10200.	76	4912	No
113	GOM_NL__2PRFIN20030207_054301_000000392013_00349_04912_5490.N1	07-FEB-2003 05:43:01	Dark	38.500	91	Kap Vel	2.4900	26000.	77	4912	No
114	GOM_NL__2PRFIN20030207_054612_000000402013_00349_04912_5491.N1	07-FEB-2003 05:46:12	Straylight	40.000	34	Gam2Vel	1.7930	23000.	80	4912	No
115	GOM_NL__2PRFIN20030207_054816_000000402013_00349_04912_5492.N1	07-FEB-2003 05:48:16	Straylight	40.000	70	Zet Pup	2.2460	39000.	80	4912	No
116	GOM_NL__2PRFIN20030207_054935_000000422013_00349_04912_5493.N1	07-FEB-2003 05:49:35	Straylight	41.500	117	Pi Pup	2.7060	3800.0	83	4912	No
117	GOM_NL__2PRFIN20030207_055152_000001592013_00349_04912_5494.N1	07-FEB-2003 05:51:52	Straylight	159.00	100	4Gam Crv	2.5800	13100.	318	4912	No
118	GOM_NL__2PRFIN20030207_055652_000000582013_00349_04912_5495.N1	07-FEB-2003 05:56:52	Straylight	57.500	48	30Alp Hya	1.9770	4100.0	115	4912	No
119	GOM_NL__2PRFIN20030207_060109_000000462013_00349_04912_5496.N1	07-FEB-2003 06:01:09	Tw_and_stray	46.000	8	10Alp CMi	0.40000	6500.0	92	4912	No
120	GOM_NL__2PRFIN20030207_060449_000000392013_00349_04912_5497.N1	07-FEB-2003 06:04:49	Bright	39.000	44	24Gam Gem	1.9280	11000.	78	4912	No
121	GOM_NL__2PRFIN20030207_060643_000000392013_00349_04912_5498.N1	07-FEB-2003 06:06:43	Bright	39.000	151	13Mu Gem	2.8900	3000.0	78	4912	No
122	GOM_NL__2PRFIN20030207_060843_000000372013_00349_04912_5499.N1	07-FEB-2003 06:08:43	Bright	37.000	24	66Alp Gem	1.5800	10200.	74	4912	No
123	GOM_NL__2PRFIN20030207_061104_000000372013_00349_04912_5500.N1	07-FEB-2003 06:11:04	Bright	36.500	107	37The Aur	2.6490	11000.	73	4912	No
124	GOM_NL__2PRFIN20030207_061306_000000382013_00349_04912_5501.N1	07-FEB-2003 06:13:06	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	4912	No
125	GOM_NL__2PRFIN20030207_061617_000001292013_00349_04912_5502.N1	07-FEB-2003 06:16:17	Bright	128.50	96	68Del Leo	2.5600	9300.0	257	4912	No
126	GOM_NL__2PRFIN20030207_062057_000000492013_00349_04912_5503.N1	07-FEB-2003 06:20:57	Bright	49.000	82	48Bet UMa	2.3650	10600.	98	4912	No
127	GOM_NL__2PRFIN20030207_062501_000000372013_00349_04912_5504.N1	07-FEB-2003 06:25:01	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	4912	No
128	GOM_NL__2PRFIN20030207_062743_000000382013_00349_04912_5505.N1	07-FEB-2003 06:27:43	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	4912	No
129	GOM_NL__2PRFIN20030207_063131_000000362013_00349_04912_5506.N1	07-FEB-2003 06:31:31	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	4912	No
130	GOM_NL__2PRFIN20030207_063556_000000412013_00349_04912_5507.N1	07-FEB-2003 06:35:56	Bright	41.000	130	23Bet Dra	2.7990	5800.0	82	4912	No
131	GOM_NL__2PRFIN20030207_063948_000000372013_00349_04912_5508.N1	07-FEB-2003 06:39:48	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	4912	No
132	GOM_NL__2PRFIN20030207_064251_000000492013_00349_04912_5509.N1	07-FEB-2003 06:42:51	Bright	49.000	133	40Zet Her	2.8070	6000.0	98	4912	No
133	GOM_NL__2PRFIN20030207_064559_000000782013_00349_04912_5510.N1	07-FEB-2003 06:45:59	Bright	77.500	67	5Alp CrB	2.2210	11000.	155	4912	No
134	GOM_NL__2PRFIN20030207_064810_000001742013_00349_04912_5511.N1	07-FEB-2003 06:48:10	Tw_and_stray	173.50	83		2.3780	11000.	347	4912	No
135	GOM_NL__2PRFIN20030207_065514_000000802013_00349_04912_5512.N1	07-FEB-2003 06:55:14	Straylight	80.000	102	24Alp Ser	2.6000	4250.0	160	4912	No
136	GOM_NL__2PRFIN20030207_065750_000000422013_00349_04912_5513.N1	07-FEB-2003 06:57:50	Twilight	42.000	137	22Lam Sgr	2.8240	4400.0	84	4912	No
137	GOM_NL__2PRFIN20030207_065907_000000452013_00349_04912_5514.N1	07-FEB-2003 06:59:07	Twilight	45.000	116	19Del Sgr	2.7000	4100.0	90	4912	No
138	GOM_NL__2PRFIN20030207_070018_000000412013_00349_04912_5515.N1	07-FEB-2003 07:00:18	Dark	41.000	38	20Eps Sgr	1.8360	11000.	82	4912	No
139	GOM_NL__2PRFIN20030207_070151_000000632013_00349_04912_5516.N1	07-FEB-2003 07:01:51	Dark	63.000	16	21Alp Sco	1.0200	3000.0	126	4912	No
140	GOM_NL__2PRFIN20030207_070338_000000812013_00349_04912_5517.N1	07-FEB-2003 07:03:38	Dark	81.000	104	27Bet Lib	2.6140	13100.	162	4912	No
141	GOM_NL__2PRFIN20030207_071037_000000462013_00350_04913_5487.N1	07-FEB-2003 07:10:37	Dark	45.500	43	Alp TrA	1.9100	4250.0	91	4913	No
142	GOM_NL__2PRFIN20030207_071448_000000442013_00350_04913_5488.N1	07-FEB-2003 07:14:48	Dark	43.500	77	Eps Cen	2.3030	28000.	87	4913	No
143	GOM_NL__2PRFIN20030207_071640_000000482013_00350_04913_5489.N1	07-FEB-2003 07:16:40	Dark	47.500	20	Bet Cru	1.2530	30000.	95	4913	No
144	GOM_NL__2PRFIN20030207_071808_000000482013_00350_04913_5490.N1	07-FEB-2003 07:18:08	Dark	47.500	64	Gam Cen	2.2000	10600.	95	4913	No
145	GOM_NL__2PRFIN20030207_072010_000000382013_00350_04913_5491.N1	07-FEB-2003 07:20:10	Dark	38.000	29	Bet Car	1.6720	10200.	76	4913	No
146	GOM_NL__2PRFIN20030207_072337_000000402013_00350_04913_5492.N1	07-FEB-2003 07:23:37	Dark	40.000	91	Kap Vel	2.4900	26000.	80	4913	No
147	GOM_NL__2PRFIN20030207_072648_000000422013_00350_04913_5493.N1	07-FEB-2003 07:26:48	Straylight	42.000	34	Gam2Vel	1.7930	23000.	84	4913	No
148	GOM_NL__2PRFIN20030207_072852_000000392013_00350_04913_5494.N1	07-FEB-2003 07:28:52	Straylight	39.000	70	Zet Pup	2.2460	39000.	78	4913	No
149	GOM_NL__2PRFIN20030207_073011_000000412013_00350_04913_5495.N1	07-FEB-2003 07:30:11	Straylight	41.000	117	Pi Pup	2.7060	3800.0	82	4913	No
150	GOM_NL__2PRFIN20030207_073229_000001582013_00350_04913_5496.N1	07-FEB-2003 07:32:29	Straylight	158.00	100	4Gam Crv	2.5800	13100.	316	4913	No
151	GOM_NL__2PRFIN20030207_073728_000000592013_00350_04913_5497.N1	07-FEB-2003 07:37:28	Straylight	59.000	48	30Alp Hya	1.9770	4100.0	118	4913	No
152	GOM_NL__2PRFIN20030207_074145_000000442013_00350_04913_5498.N1	07-FEB-2003 07:41:45	Tw_and_stray	44.000	8	10Alp CMi	0.40000	6500.0	88	4913	No
153	GOM_NL__2PRFIN20030207_074525_000000392013_00350_04913_5499.N1	07-FEB-2003 07:45:25	Bright	39.000	44	24Gam Gem	1.9280	11000.	78	4913	No
154	GOM_NL__2PRFIN20030207_074719_000000412013_00350_04913_5500.N1	07-FEB-2003 07:47:19	Bright	40.500	151	13Mu Gem	2.8900	3000.0	81	4913	No
155	GOM_NL__2PRFIN20030207_074919_000000382013_00350_04913_5501.N1	07-FEB-2003 07:49:19	Bright	38.000	24	66Alp Gem	1.5800	10200.	76	4913	No
156	GOM_NL__2PRFIN20030207_075140_000000372013_00350_04913_5502.N1	07-FEB-2003 07:51:40	Bright	36.500	107	37The Aur	2.6490	11000.	73	4913	No
157	GOM_NL__2PRFIN20030207_075342_000000362013_00350_04913_5503.N1	07-FEB-2003 07:53:42	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	4913	No
158	GOM_NL__2PRFIN20030207_075649_000001302013_00350_04913_5504.N1	07-FEB-2003 07:56:49	Bright	130.00	96	68Del Leo	2.5600	9300.0	260	4913	No
159	GOM_NL__2PRFIN20030207_080132_000000492013_00350_04913_5505.N1	07-FEB-2003 08:01:32	Bright	48.500	82	48Bet UMa	2.3650	10600.	97	4913	No
160	GOM_NL__2PRFIN20030207_080537_000000372013_00350_04913_5506.N1	07-FEB-2003 08:05:37	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	4913	No

161	GOM_NL__2PRFIN20030207_080819_000000372013_00350_04913_5507.N1	07-FEB-2003 08:08:19	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	4913	No
162	GOM_NL__2PRFIN20030207_081207_000000372013_00350_04913_5508.N1	07-FEB-2003 08:12:07	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	4913	No
163	GOM_NL__2PRFIN20030207_081632_000000412013_00350_04913_5509.N1	07-FEB-2003 08:16:32	Bright	41.000	130	23Bet Dra	2.7990	5800.0	82	4913	No
164	GOM_NL__2PRFIN20030207_081802_000000362013_00350_04913_5510.N1	07-FEB-2003 08:18:02	Bright	36.000	144	18Del Cyg	2.8600	11000.	72	4913	No
165	GOM_NL__2PRFIN20030207_082024_000000372013_00350_04913_5511.N1	07-FEB-2003 08:20:24	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	4913	No
166	GOM_NL__2PRFIN20030207_082327_000000492013_00350_04913_5512.N1	07-FEB-2003 08:23:27	Bright	48.500	133	40Zet Her	2.8070	6000.0	97	4913	No
167	GOM_NL__2PRFIN20030207_082636_000000792013_00350_04913_5513.N1	07-FEB-2003 08:26:36	Bright	79.000	67	5Alp CrB	2.2210	11000.	158	4913	No
168	GOM_NL__2PRFIN20030207_082847_000001612013_00350_04913_5514.N1	07-FEB-2003 08:28:47	Twi_and_stray	161.00	83		2.3780	11000.	322	4913	No
169	GOM_NL__2PRFIN20030207_083551_000000792013_00350_04913_5515.N1	07-FEB-2003 08:35:51	Straylight	79.000	102	24Alp Ser	2.6000	4250.0	158	4913	No
170	GOM_NL__2PRFIN20030207_083826_000000412013_00350_04913_5516.N1	07-FEB-2003 08:38:26	Twilight	41.000	137	22Lam Sgr	2.8240	4400.0	82	4913	No
171	GOM_NL__2PRFIN20030207_083944_000000442013_00350_04913_5517.N1	07-FEB-2003 08:39:44	Twilight	44.000	116	19Del Sgr	2.7000	4100.0	88	4913	No
172	GOM_NL__2PRFIN20030207_084054_000000452013_00350_04913_5518.N1	07-FEB-2003 08:40:54	Dark	44.500	38	20Eps Sgr	1.8360	11000.	89	4913	No
173	GOM_NL__2PRFIN20030207_084228_000000502013_00350_04913_5519.N1	07-FEB-2003 08:42:28	Dark	50.000	16	21Alp Sco	1.0200	3000.0	100	4913	No
174	GOM_NL__2PRFIN20030207_084416_000000862013_00350_04913_5520.N1	07-FEB-2003 08:44:16	Dark	85.500	104	27Bet Lib	2.6140	13100.	171	4913	No
175	GOM_NL__2PRFIN20030207_085113_000000402013_00351_04914_5487.N1	07-FEB-2003 08:51:13	Dark	40.000	43	Alp TrA	1.9100	4250.0	80	4914	No
176	GOM_NL__2PRFIN20030207_085525_000000452013_00351_04914_5488.N1	07-FEB-2003 08:55:25	Dark	44.500	77	Eps Cen	2.3030	28000.	89	4914	No
177	GOM_NL__2PRFIN20030207_085716_000000422013_00351_04914_5489.N1	07-FEB-2003 08:57:16	Dark	42.000	20	Bet Cru	1.2530	30000.	84	4914	No
178	GOM_NL__2PRFIN20030207_085844_000000482013_00351_04914_5490.N1	07-FEB-2003 08:58:44	Dark	47.500	64	Gam Cen	2.2000	10600.	95	4914	No
179	GOM_NL__2PRFIN20030207_090046_000000392013_00351_04914_5491.N1	07-FEB-2003 09:00:46	Dark	39.000	29	Bet Car	1.6720	10200.	78	4914	No
180	GOM_NL__2PRFIN20030207_090413_000000402013_00351_04914_5492.N1	07-FEB-2003 09:04:13	Dark	40.000	91	Kap Vel	2.4900	26000.	80	4914	No
181	GOM_NL__2PRFIN20030207_090724_000000432013_00351_04914_5493.N1	07-FEB-2003 09:07:24	Straylight	42.500	34	Gam2Vel	1.7930	23000.	85	4914	No
182	GOM_NL__2PRFIN20030207_090929_000000392013_00351_04914_5494.N1	07-FEB-2003 09:09:29	Straylight	39.000	70	Zet Pup	2.2460	39000.	78	4914	No
183	GOM_NL__2PRFIN20030207_091047_000000422013_00351_04914_5495.N1	07-FEB-2003 09:10:47	Straylight	42.000	117	Pi Pup	2.7060	3800.0	84	4914	No
184	GOM_NL__2PRFIN20030207_091306_000001612013_00351_04914_5496.N1	07-FEB-2003 09:13:06	Straylight	161.00	100	4Gam Crv	2.5800	13100.	322	4914	No
185	GOM_NL__2PRFIN20030207_091804_000000572013_00351_04914_5497.N1	07-FEB-2003 09:18:04	Straylight	56.500	48	30Alp Hya	1.9770	4100.0	113	4914	No
186	GOM_NL__2PRFIN20030207_092221_000000442013_00351_04914_5498.N1	07-FEB-2003 09:22:21	Twi_and_stray	44.000	8	10Alp CMi	0.40000	6500.0	88	4914	No
187	GOM_NL__2PRFIN20030207_092601_000000392013_00351_04914_5499.N1	07-FEB-2003 09:26:01	Bright	39.000	44	24Gam Gem	1.9280	11000.	78	4914	No
188	GOM_NL__2PRFIN20030207_092755_000000402013_00351_04914_5500.N1	07-FEB-2003 09:27:55	Bright	40.000	151	13Mu Gem	2.8900	3000.0	80	4914	No
189	GOM_NL__2PRFIN20030207_092954_000000382013_00351_04914_5501.N1	07-FEB-2003 09:29:54	Bright	37.500	24	66Alp Gem	1.5800	10200.	75	4914	No
190	GOM_NL__2PRFIN20030207_093216_000000372013_00351_04914_5502.N1	07-FEB-2003 09:32:16	Bright	37.000	107	37The Aur	2.6490	11000.	74	4914	No
191	GOM_NL__2PRFIN20030207_093418_000000372013_00351_04914_5503.N1	07-FEB-2003 09:34:18	Bright	37.000	42	34Bet Aur	1.9000	10200.	74	4914	No
192	GOM_NL__2PRFIN20030207_093722_000001272013_00351_04914_5504.N1	07-FEB-2003 09:37:22	Bright	126.50	96	68Del Leo	2.5600	9300.0	253	4914	No
193	GOM_NL__2PRFIN20030207_094207_000000492013_00351_04914_5505.N1	07-FEB-2003 09:42:07	Bright	49.000	82	48Bet UMa	2.3650	10600.	98	4914	No
194	GOM_NL__2PRFIN20030207_094613_000000372013_00351_04914_5506.N1	07-FEB-2003 09:46:13	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	4914	No
195	GOM_NL__2PRFIN20030207_094854_000000422013_00351_04914_5507.N1	07-FEB-2003 09:48:54	Bright	42.000	60	7Bet UMi	2.0810	3950.0	84	4914	No
196	GOM_NL__2PRFIN20030207_095243_000000392013_00351_04914_5508.N1	07-FEB-2003 09:52:43	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	4914	No
197	GOM_NL__2PRFIN20030207_095707_000000402013_00351_04914_5509.N1	07-FEB-2003 09:57:07	Bright	40.000	130	23Bet Dra	2.7990	5800.0	80	4914	No
198	GOM_NL__2PRFIN20030207_095838_000000342013_00351_04914_5510.N1	07-FEB-2003 09:58:38	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	4914	No
199	GOM_NL__2PRFIN20030207_100100_000000362013_00351_04914_5511.N1	07-FEB-2003 10:01:00	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	4914	No
200	GOM_NL__2PRFIN20030207_100403_000000482013_00351_04914_5512.N1	07-FEB-2003 10:04:03	Bright	48.000	133	40Zet Her	2.8070	6000.0	96	4914	No
201	GOM_NL__2PRFIN20030207_100712_000000772013_00351_04914_5513.N1	07-FEB-2003 10:07:12	Bright	76.500	67	5Alp CrB	2.2210	11000.	153	4914	No
202	GOM_NL__2PRFIN20030207_100924_000001672013_00351_04914_5514.N1	07-FEB-2003 10:09:24	Twi_and_stray	166.50	83		2.3780	11000.	333	4914	No
203	GOM_NL__2PRFIN20030207_101627_000000812013_00351_04914_5515.N1	07-FEB-2003 10:16:27	Straylight	81.000	102	24Alp Ser	2.6000	4250.0	162	4914	No
204	GOM_NL__2PRFIN20030207_101902_000000442013_00351_04914_5516.N1	07-FEB-2003 10:19:02	Twilight	43.500	137	22Lam Sgr	2.8240	4400.0	87	4914	No
205	GOM_NL__2PRFIN20030207_102020_000000452013_00351_04914_5517.N1	07-FEB-2003 10:20:20	Twilight	45.000	116	19Del Sgr	2.7000	4100.0	90	4914	No
206	GOM_NL__2PRFIN20030207_102130_000000432013_00351_04914_5518.N1	07-FEB-2003 10:21:30	Dark	42.500	38	20Eps Sgr	1.8360	11000.	85	4914	No
207	GOM_NL__2PRFIN20030207_102304_000000632013_00351_04914_5519.N1	07-FEB-2003 10:23:04	Dark	63.000	16	21Alp Sco	1.0200	3000.0	126	4914	No
208	GOM_NL__2PRFIN20030207_102454_000000842013_00351_04914_5520.N1	07-FEB-2003 10:24:54	Dark	84.000	104	27Bet Lib	2.6140	13100.	168	4914	No
209	GOM_NL__2PRFIN20030207_103149_000000412013_00352_04915_5487.N1	07-FEB-2003 10:31:49	Dark	40.500	43	Alp TrA	1.9100	4250.0	81	4915	No
210	GOM_NL__2PRFIN20030207_103601_000000442013_00352_04915_5488.N1	07-FEB-2003 10:36:01	Dark	44.000	77	Eps Cen	2.3030	28000.	88	4915	No
211	GOM_NL__2PRFIN20030207_103753_000000452013_00352_04915_5489.N1	07-FEB-2003 10:37:53	Dark	44.500	20	Bet Cru	1.2530	30000.	89	4915	No
212	GOM_NL__2PRFIN20030207_103921_000000482013_00352_04915_5490.N1	07-FEB-2003 10:39:21	Dark	47.500	64	Gam Cen	2.2000	10600.	95	4915	No
213	GOM_NL__2PRFIN20030207_104122_000000392013_00352_04915_5491.N1	07-FEB-2003 10:41:22	Dark	39.000	29	Bet Car	1.6720	10200.	78	4915	No
214	GOM_NL__2PRFIN20030207_104351_000000392013_00352_04915_5492.N1	07-FEB-2003 10:43:51	Dark	39.000	71	lot Car	2.2460	7700.0	78	4915	No
215	GOM_NL__2PRFIN20030207_104532_000000392013_00352_04915_5493.N1	07-FEB-2003 10:45:32	Dark	39.000	46	Del Vel	1.9540	10600.	78	4915	No
216	GOM_NL__2PRFIN20030207_104800_000000402013_00352_04915_5494.N1	07-FEB-2003 10:48:00	Straylight	39.500	34	Gam2Vel	1.7930	23000.	79	4915	No
217	GOM_NL__2PRFIN20030207_105005_000000422013_00352_04915_5495.N1	07-FEB-2003 10:50:05	Straylight	42.000	70	Zet Pup	2.2460	39000.	84	4915	No
218	GOM_NL__2PRFIN20030207_105123_000000442013_00352_04915_5496.N1	07-FEB-2003 10:51:23	Straylight	44.000	117	Pi Pup	2.7060	3800.0	88	4915	No
219	GOM_NL__2PRFIN20030207_105349_000000442013_00352_04915_5497.N1	07-FEB-2003 10:53:49	Straylight	44.000	23	21Eps CMa	1.5020	26000.	88	4915	No

220	GOM_NL__2PRFIN20030207_105512_000000392013_00352_04915_5498.N1	07-FEB-2003 10:55:12	Straylight	38.500	179	24Omi2CMA	3.0320	24000.	77	4915	No
221	GOM_NL__2PRFIN20030207_105722_000000512013_00352_04915_5499.N1	07-FEB-2003 10:57:22	Straylight	50.500	1	9Alp CMA	-1.4400	11000.	101	4915	No
222	GOM_NL__2PRFIN20030207_110257_000000452013_00352_04915_5500.N1	07-FEB-2003 11:02:57	Twl_and_stray	45.000	8	10Alp CMi	0.40000	6500.0	90	4915	No
223	GOM_NL__2PRFIN20030207_110637_000000402013_00352_04915_5501.N1	07-FEB-2003 11:06:37	Bright	40.000	44	24Gam Gem	1.9280	11000.	80	4915	No
224	GOM_NL__2PRFIN20030207_110831_000000412013_00352_04915_5502.N1	07-FEB-2003 11:08:31	Bright	40.500	151	13Mu Gem	2.8900	3000.0	81	4915	No
225	GOM_NL__2PRFIN20030207_111030_000000382013_00352_04915_5503.N1	07-FEB-2003 11:10:30	Bright	38.000	24	66Alp Gem	1.5800	10200.	76	4915	No
226	GOM_NL__2PRFIN20030207_111252_000000372013_00352_04915_5504.N1	07-FEB-2003 11:12:52	Bright	37.000	107	37The Aur	2.6490	11000.	74	4915	No
227	GOM_NL__2PRFIN20030207_111455_000000372013_00352_04915_5505.N1	07-FEB-2003 11:14:55	Bright	37.000	42	34Bet Aur	1.9000	10200.	74	4915	No
228	GOM_NL__2PRFIN20030207_112242_000000492013_00352_04915_5506.N1	07-FEB-2003 11:22:42	Bright	48.500	82	48Bet UMa	2.3650	10600.	97	4915	No
229	GOM_NL__2PRFIN20030207_112648_000000392013_00352_04915_5507.N1	07-FEB-2003 11:26:48	Bright	38.500	49	1Alp UMi	1.9900	6300.0	77	4915	No
230	GOM_NL__2PRFIN20030207_112930_000000422013_00352_04915_5508.N1	07-FEB-2003 11:29:30	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	4915	No
231	GOM_NL__2PRFIN20030207_113319_000000372013_00352_04915_5509.N1	07-FEB-2003 11:33:19	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	4915	No
232	GOM_NL__2PRFIN20030207_113743_000000412013_00352_04915_5510.N1	07-FEB-2003 11:37:43	Bright	40.500	130	23Bet Dra	2.7990	5800.0	81	4915	No
233	GOM_NL__2PRFIN20030207_113914_000000362013_00352_04915_5511.N1	07-FEB-2003 11:39:14	Bright	35.500	144	18Del Cyg	2.8600	11000.	71	4915	No
234	GOM_NL__2PRFIN20030207_114135_000000372013_00352_04915_5512.N1	07-FEB-2003 11:41:35	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	4915	No
235	GOM_NL__2PRFIN20030207_114439_000000502013_00352_04915_5513.N1	07-FEB-2003 11:44:39	Bright	49.500	133	40Zet Her	2.8070	6000.0	99	4915	No
236	GOM_NL__2PRFIN20030207_114751_000000792013_00352_04915_5514.N1	07-FEB-2003 11:47:51	Bright	79.000	67	5Alp CrB	2.2210	11000.	158	4915	No
237	GOM_NL__2PRFIN20030207_115002_000001622013_00352_04915_5515.N1	07-FEB-2003 11:50:02	Twl_and_stray	162.00	83		2.3780	11000.	324	4915	No
238	GOM_NL__2PRFIN20030207_115904_000000472013_00352_04915_5516.N1	07-FEB-2003 11:59:04	Twl_and_stray	46.500	86	35Eta Oph	2.4300	10200.	93	4915	No
239	GOM_NL__2PRFIN20030207_120056_000000442013_00352_04915_5517.N1	07-FEB-2003 12:00:56	Twilight	43.500	116	19Del Sgr	2.7000	4100.0	87	4915	No
240	GOM_NL__2PRFIN20030207_120206_000000392013_00352_04915_5518.N1	07-FEB-2003 12:02:06	Dark	38.500	38	20Eps Sgr	1.8360	11000.	77	4915	No
241	GOM_NL__2PRFIN20030207_120352_000000462013_00352_04915_5519.N1	07-FEB-2003 12:03:52	Dark	45.500	25	35Lam Sco	1.6200	28000.	91	4915	No
242	GOM_NL__2PRFIN20030207_120532_000000822013_00352_04915_5520.N1	07-FEB-2003 12:05:32	Dark	82.000	104	27Bet Lib	2.6140	13100.	164	4915	No
243	GOM_NL__2PRFIN20030207_120838_000000462013_00352_04915_5521.N1	07-FEB-2003 12:08:38	Dark	45.500	141	Bet Ara	2.8400	4600.0	91	4915	No
244	GOM_NL__2PRFIN20030207_121225_000000392013_00353_04916_5572.N1	07-FEB-2003 12:12:25	Dark	39.000	43	Alp TrA	1.9100	4250.0	78	4916	No
245	GOM_NL__2PRFIN20030207_121637_000000462013_00353_04916_5573.N1	07-FEB-2003 12:16:37	Dark	45.500	77	Eps Cen	2.3030	28000.	91	4916	No
246	GOM_NL__2PRFIN20030207_121828_000000432013_00353_04916_5574.N1	07-FEB-2003 12:18:28	Dark	43.000	20	Bet Cru	1.2530	30000.	86	4916	No
247	GOM_NL__2PRFIN20030207_121957_000000472013_00353_04916_5575.N1	07-FEB-2003 12:19:57	Dark	47.000	64	Gam Cen	2.2000	10600.	94	4916	No
248	GOM_NL__2PRFIN20030207_122158_000000392013_00353_04916_5576.N1	07-FEB-2003 12:21:58	Dark	39.000	29	Bet Car	1.6720	10200.	78	4916	No
249	GOM_NL__2PRFIN20030207_122427_000000382013_00353_04916_5577.N1	07-FEB-2003 12:24:27	Dark	37.500	71	lot Car	2.2460	7700.0	75	4916	No
250	GOM_NL__2PRFIN20030207_122608_000000412013_00353_04916_5578.N1	07-FEB-2003 12:26:08	Dark	41.000	46	Del Vel	1.9540	10600.	82	4916	No
251	GOM_NL__2PRFIN20030207_122837_000000432013_00353_04916_5579.N1	07-FEB-2003 12:28:37	Straylight	42.500	34	Gam2Vel	1.7930	23000.	85	4916	No
252	GOM_NL__2PRFIN20030207_123041_000000422013_00353_04916_5580.N1	07-FEB-2003 12:30:41	Straylight	42.000	70	Zet Pup	2.2460	39000.	84	4916	No
253	GOM_NL__2PRFIN20030207_123159_000000452013_00353_04916_5581.N1	07-FEB-2003 12:31:59	Straylight	45.000	117	Pi Pup	2.7060	3800.0	90	4916	No
254	GOM_NL__2PRFIN20030207_123425_000000422013_00353_04916_5582.N1	07-FEB-2003 12:34:25	Straylight	42.000	23	21Eps CMA	1.5020	26000.	84	4916	No
255	GOM_NL__2PRFIN20030207_123548_000000392013_00353_04916_5583.N1	07-FEB-2003 12:35:48	Straylight	39.000	179	24Omi2CMA	3.0320	24000.	78	4916	No
256	GOM_NL__2PRFIN20030207_123759_000000522013_00353_04916_5584.N1	07-FEB-2003 12:37:59	Twl_and_stray	52.000	1	9Alp CMA	-1.4400	11000.	104	4916	No
257	GOM_NL__2PRFIN20030207_124333_000000442013_00353_04916_5585.N1	07-FEB-2003 12:43:33	Twl_and_stray	44.000	8	10Alp CMi	0.40000	6500.0	88	4916	No
258	GOM_NL__2PRFIN20030207_124713_000000392013_00353_04916_5586.N1	07-FEB-2003 12:47:13	Bright	39.000	44	24Gam Gem	1.9280	11000.	78	4916	No
259	GOM_NL__2PRFIN20030207_124907_000000412013_00353_04916_5587.N1	07-FEB-2003 12:49:07	Bright	40.500	151	13Mu Gem	2.8900	3000.0	81	4916	No
260	GOM_NL__2PRFIN20030207_125106_000000392013_00353_04916_5588.N1	07-FEB-2003 12:51:06	Bright	38.500	24	66Alp Gem	1.5800	10200.	77	4916	No
261	GOM_NL__2PRFIN20030207_125329_000000372013_00353_04916_5589.N1	07-FEB-2003 12:53:29	Bright	37.000	107	37The Aur	2.6490	11000.	74	4916	No
262	GOM_NL__2PRFIN20030207_125531_000000392013_00353_04916_5590.N1	07-FEB-2003 12:55:31	Bright	38.500	42	34Bet Aur	1.9000	10200.	77	4916	No
263	GOM_NL__2PRFIN20030207_125827_000001262013_00353_04916_5591.N1	07-FEB-2003 12:58:27	Bright	125.50	96	68Del Leo	2.5600	9300.0	251	4916	No
264	GOM_NL__2PRFIN20030207_130318_000000482013_00353_04916_5592.N1	07-FEB-2003 13:03:18	Bright	48.000	82	48Bet UMa	2.3650	10600.	96	4916	No
265	GOM_NL__2PRFIN20030207_130721_000000402013_00353_04916_5593.N1	07-FEB-2003 13:07:21	Bright	40.000	49	1Alp UMi	1.9900	6300.0	80	4916	No
266	GOM_NL__2PRFIN20030207_131002_000000432013_00353_04916_5594.N1	07-FEB-2003 13:10:02	Bright	42.500	60	7Bet UMi	2.0810	3950.0	85	4916	No
267	GOM_NL__2PRFIN20030207_131356_000000382013_00353_04916_5595.N1	07-FEB-2003 13:13:56	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	4916	No
268	GOM_NL__2PRFIN20030207_131818_000000422013_00353_04916_5596.N1	07-FEB-2003 13:18:18	Bright	41.500	130	23Bet Dra	2.7990	5800.0	83	4916	No
269	GOM_NL__2PRFIN20030207_131949_000000372013_00353_04916_5597.N1	07-FEB-2003 13:19:49	Bright	37.000	144	18Del Cyg	2.8600	11000.	74	4916	No
270	GOM_NL__2PRFIN20030207_132211_000000372013_00353_04916_5598.N1	07-FEB-2003 13:22:11	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	4916	No
271	GOM_NL__2PRFIN20030207_132514_000000502013_00353_04916_5599.N1	07-FEB-2003 13:25:14	Bright	50.000	133	40Zet Her	2.8070	6000.0	100	4916	No
272	GOM_NL__2PRFIN20030207_132828_000000782013_00353_04916_5600.N1	07-FEB-2003 13:28:28	Bright	77.500	67	5Alp CrB	2.2210	11000.	155	4916	No
273	GOM_NL__2PRFIN20030207_133039_000001672013_00353_04916_5601.N1	07-FEB-2003 13:30:39	Twl_and_stray	167.00	83		2.3780	11000.	334	4916	No
274	GOM_NL__2PRFIN20030207_133940_000000472013_00353_04916_5602.N1	07-FEB-2003 13:39:40	Twl_and_stray	47.000	86	35Eta Oph	2.4300	10200.	94	4916	No
275	GOM_NL__2PRFIN20030207_134132_000000432013_00353_04916_5603.N1	07-FEB-2003 13:41:32	Twilight	43.000	116	19Del Sgr	2.7000	4100.0	86	4916	No
276	GOM_NL__2PRFIN20030207_134242_000000422013_00353_04916_5604.N1	07-FEB-2003 13:42:42	Dark	42.000	38	20Eps Sgr	1.8360	11000.	84	4916	No
277	GOM_NL__2PRFIN20030207_134428_000000412013_00353_04916_5605.N1	07-FEB-2003 13:44:28	Dark	41.000	25	35Lam Sco	1.6200	28000.	82	4916	No
278	GOM_NL__2PRFIN20030207_134610_000000822013_00353_04916_5606.N1	07-FEB-2003 13:46:10	Dark	82.000	104	27Bet Lib	2.6140	13100.	164	4916	No

279	GOM_NL__2PRFIN20030207_134914_000000442013_00353_04916_5607.N1	07-FEB-2003 13:49:14	Dark	43.500	141	Bet Ara	2.8400	4600.0	87	4916	No
280	GOM_NL__2PRFIN20030207_135301_000000402013_00354_04917_5573.N1	07-FEB-2003 13:53:01	Dark	39.500	43	Alp TrA	1.9100	4250.0	79	4917	No
281	GOM_NL__2PRFIN20030207_135711_000000482013_00354_04917_5574.N1	07-FEB-2003 13:57:11	Dark	47.500	77	Eps Cen	2.3030	28000.	95	4917	No
282	GOM_NL__2PRFIN20030207_135905_000000432013_00354_04917_5575.N1	07-FEB-2003 13:59:05	Dark	43.000	20	Bet Cru	1.2530	30000.	86	4917	No
283	GOM_NL__2PRFIN20030207_140033_000000492013_00354_04917_5576.N1	07-FEB-2003 14:00:33	Dark	49.000	64	Gam Cen	2.2000	10600.	98	4917	No
284	GOM_NL__2PRFIN20030207_140234_000000462013_00354_04917_5577.N1	07-FEB-2003 14:02:34	Dark	46.000	29	Bet Car	1.6720	10200.	92	4917	No
285	GOM_NL__2PRFIN20030207_140503_000000422013_00354_04917_5578.N1	07-FEB-2003 14:05:03	Dark	42.000	71	lot Car	2.2460	7700.0	84	4917	No
286	GOM_NL__2PRFIN20030207_140645_000000382013_00354_04917_5579.N1	07-FEB-2003 14:06:45	Dark	38.000	46	Del Vel	1.9540	10600.	76	4917	No
287	GOM_NL__2PRFIN20030207_140912_000000432013_00354_04917_5580.N1	07-FEB-2003 14:09:12	Straylight	43.000	34	Gam2Vel	1.7930	23000.	86	4917	No
288	GOM_NL__2PRFIN20030207_141117_000000412013_00354_04917_5581.N1	07-FEB-2003 14:11:17	Straylight	40.500	70	Zet Pup	2.2460	39000.	81	4917	No
289	GOM_NL__2PRFIN20030207_141235_000000442013_00354_04917_5582.N1	07-FEB-2003 14:12:35	Straylight	44.000	117	Pi Pup	2.7060	3800.0	88	4917	No
290	GOM_NL__2PRFIN20030207_141501_000000432013_00354_04917_5583.N1	07-FEB-2003 14:15:01	Straylight	43.000	23	21Eps CMa	1.5020	26000.	86	4917	No
291	GOM_NL__2PRFIN20030207_141624_000000402013_00354_04917_5584.N1	07-FEB-2003 14:16:24	Straylight	39.500	179	24Omi2CMa	3.0320	24000.	79	4917	No
292	GOM_NL__2PRFIN20030207_141835_000000452013_00354_04917_5585.N1	07-FEB-2003 14:18:35	Straylight	45.000	1	9Alp CMa	-1.4400	11000.	90	4917	No
293	GOM_NL__2PRFIN20030207_142409_000000462013_00354_04917_5586.N1	07-FEB-2003 14:24:09	Twilight	46.000	8	10Alp CMi	0.40000	6500.0	92	4917	No
294	GOM_NL__2PRFIN20030207_142749_000000382013_00354_04917_5587.N1	07-FEB-2003 14:27:49	Bright	38.000	44	24Gam Gem	1.9280	11000.	76	4917	No
295	GOM_NL__2PRFIN20030207_142943_000000402013_00354_04917_5588.N1	07-FEB-2003 14:29:43	Bright	40.000	151	13Mu Gem	2.8900	3000.0	80	4917	No
296	GOM_NL__2PRFIN20030207_143141_000000402013_00354_04917_5589.N1	07-FEB-2003 14:31:41	Bright	39.500	24	66Alp Gem	1.5800	10200.	79	4917	No
297	GOM_NL__2PRFIN20030207_143405_000000372013_00354_04917_5590.N1	07-FEB-2003 14:34:05	Bright	37.000	107	37The Aur	2.6490	11000.	74	4917	No
298	GOM_NL__2PRFIN20030207_143607_000000362013_00354_04917_5591.N1	07-FEB-2003 14:36:07	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	4917	No
299	GOM_NL__2PRFIN20030207_143900_000001212013_00354_04917_5592.N1	07-FEB-2003 14:39:00	Bright	120.50	96	68Del Leo	2.5600	9300.0	241	4917	No
300	GOM_NL__2PRFIN20030207_144353_000000472013_00354_04917_5593.N1	07-FEB-2003 14:43:53	Bright	47.000	82	48Bet UMa	2.3650	10600.	94	4917	No
301	GOM_NL__2PRFIN20030207_144801_000000332013_00354_04917_5594.N1	07-FEB-2003 14:48:01	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	4917	No
302	GOM_NL__2PRFIN20030207_145042_000000422013_00354_04917_5595.N1	07-FEB-2003 14:50:42	Bright	42.000	60	7Bet UMi	2.0810	3950.0	84	4917	No
303	GOM_NL__2PRFIN20030207_145432_000000372013_00354_04917_5596.N1	07-FEB-2003 14:54:32	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	4917	No
304	GOM_NL__2PRFIN20030207_145856_000000412013_00354_04917_5597.N1	07-FEB-2003 14:58:56	Bright	40.500	130	23Bet Dra	2.7990	5800.0	81	4917	No
305	GOM_NL__2PRFIN20030207_150027_000000332013_00354_04917_5598.N1	07-FEB-2003 15:00:27	Bright	33.000	144	18Del Cyg	2.8600	11000.	66	4917	No
306	GOM_NL__2PRFIN20030207_150248_000000362013_00354_04917_5599.N1	07-FEB-2003 15:02:48	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	4917	No
307	GOM_NL__2PRFIN20030207_150551_000000502013_00354_04917_5600.N1	07-FEB-2003 15:05:51	Bright	49.500	133	40Zet Her	2.8070	6000.0	99	4917	No
308	GOM_NL__2PRFIN20030207_150901_000000812013_00354_04917_5601.N1	07-FEB-2003 15:09:01	Bright	80.500	67	5Alp CrB	2.2210	11000.	161	4917	No
309	GOM_NL__2PRFIN20030207_151116_000001572013_00354_04917_5602.N1	07-FEB-2003 15:11:16	Twilight	157.00	83		2.3780	11000.	314	4917	No
310	GOM_NL__2PRFIN20030207_152018_000000452013_00354_04917_5603.N1	07-FEB-2003 15:20:18	Twilight	45.000	86	35Eta Oph	2.4300	10200.	90	4917	No
311	GOM_NL__2PRFIN20030207_152209_000000462013_00354_04917_5604.N1	07-FEB-2003 15:22:09	Twilight	45.500	116	19Del Sgr	2.7000	4100.0	91	4917	No
312	GOM_NL__2PRFIN20030207_152319_000000442013_00354_04917_5605.N1	07-FEB-2003 15:23:19	Dark	44.000	38	20Eps Sgr	1.8360	11000.	88	4917	No
313	GOM_NL__2PRFIN20030207_152505_000000432013_00354_04917_5606.N1	07-FEB-2003 15:25:05	Dark	43.000	25	35Lam Sco	1.6200	28000.	86	4917	No
314	GOM_NL__2PRFIN20030207_152649_000000842013_00354_04917_5607.N1	07-FEB-2003 15:26:49	Dark	83.500	104	27Bet Lib	2.6140	13100.	167	4917	No
315	GOM_NL__2PRFIN20030207_152950_000000492013_00354_04917_5608.N1	07-FEB-2003 15:29:50	Dark	49.000	141	Bet Ara	2.8400	4600.0	98	4917	No
316	GOM_NL__2PRFIN20030207_153337_000000412013_00355_04918_5571.N1	07-FEB-2003 15:33:37	Dark	40.500	43	Alp TrA	1.9100	4250.0	81	4918	No
317	GOM_NL__2PRFIN20030207_153752_000000452013_00355_04918_5572.N1	07-FEB-2003 15:37:52	Dark	44.500	77	Eps Cen	2.3030	28000.	89	4918	No
318	GOM_NL__2PRFIN20030207_153943_000000432013_00355_04918_5573.N1	07-FEB-2003 15:39:43	Dark	42.500	20	Bet Cru	1.2530	30000.	85	4918	No
319	GOM_NL__2PRFIN20030207_154111_000000482013_00355_04918_5574.N1	07-FEB-2003 15:41:11	Dark	48.000	64	Gam Cen	2.2000	10600.	96	4918	No
320	GOM_NL__2PRFIN20030207_154311_000000382013_00355_04918_5575.N1	07-FEB-2003 15:43:11	Dark	38.000	29	Bet Car	1.6720	10200.	76	4918	No
321	GOM_NL__2PRFIN20030207_154540_000000422013_00355_04918_5576.N1	07-FEB-2003 15:45:40	Dark	42.000	71	lot Car	2.2460	7700.0	84	4918	No
322	GOM_NL__2PRFIN20030207_154721_000000392013_00355_04918_5577.N1	07-FEB-2003 15:47:21	Dark	38.500	46	Del Vel	1.9540	10600.	77	4918	No
323	GOM_NL__2PRFIN20030207_154949_000000392013_00355_04918_5578.N1	07-FEB-2003 15:49:49	Straylight	38.500	34	Gam2Vel	1.7930	23000.	77	4918	No
324	GOM_NL__2PRFIN20030207_155153_000000402013_00355_04918_5579.N1	07-FEB-2003 15:51:53	Straylight	40.000	70	Zet Pup	2.2460	39000.	80	4918	No
325	GOM_NL__2PRFIN20030207_155311_000000462013_00355_04918_5580.N1	07-FEB-2003 15:53:11	Straylight	45.500	117	Pi Pup	2.7060	3800.0	91	4918	No
326	GOM_NL__2PRFIN20030207_155537_000000422013_00355_04918_5581.N1	07-FEB-2003 15:55:37	Straylight	42.000	23	21Eps CMa	1.5020	26000.	84	4918	No
327	GOM_NL__2PRFIN20030207_155700_000000392013_00355_04918_5582.N1	07-FEB-2003 15:57:00	Straylight	39.000	179	24Omi2CMa	3.0320	24000.	78	4918	No
328	GOM_NL__2PRFIN20030207_155911_000000452013_00355_04918_5583.N1	07-FEB-2003 15:59:11	Straylight	44.500	1	9Alp CMa	-1.4400	11000.	89	4918	No
329	GOM_NL__2PRFIN20030207_160445_000000482013_00355_04918_5584.N1	07-FEB-2003 16:04:45	Twilight	47.500	8	10Alp CMi	0.40000	6500.0	95	4918	No
330	GOM_NL__2PRFIN20030207_160825_000000392013_00355_04918_5585.N1	07-FEB-2003 16:08:25	Bright	39.000	44	24Gam Gem	1.9280	11000.	78	4918	No
331	GOM_NL__2PRFIN20030207_161020_000000402013_00355_04918_5586.N1	07-FEB-2003 16:10:20	Bright	40.000	151	13Mu Gem	2.8900	3000.0	80	4918	No
332	GOM_NL__2PRFIN20030207_161218_000000382013_00355_04918_5587.N1	07-FEB-2003 16:12:18	Bright	38.000	24	66Alp Gem	1.5800	10200.	76	4918	No
333	GOM_NL__2PRFIN20030207_161442_000000382013_00355_04918_5588.N1	07-FEB-2003 16:14:42	Bright	38.000	107	37The Aur	2.6490	11000.	76	4918	No
334	GOM_NL__2PRFIN20030207_161643_000000392013_00355_04918_5589.N1	07-FEB-2003 16:16:43	Bright	38.500	42	34Bet Aur	1.9000	10200.	77	4918	No
335	GOM_NL__2PRFIN20030207_161933_000001262013_00355_04918_5590.N1	07-FEB-2003 16:19:33	Bright	125.50	96	68Del Leo	2.5600	9300.0	251	4918	No
336	GOM_NL__2PRFIN20030207_162428_000000492013_00355_04918_5591.N1	07-FEB-2003 16:24:28	Bright	49.000	82	48Bet UMa	2.3650	10600.	98	4918	No
337	GOM_NL__2PRFIN20030207_162837_000000372013_00355_04918_5592.N1	07-FEB-2003 16:28:37	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	4918	No

338	GOM_NL__2PRFIN20030207_163117_000000422013_00355_04918_5593.N1	07-FEB-2003 16:31:17	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	4918	No
339	GOM_NL__2PRFIN20030207_163508_000000372013_00355_04918_5594.N1	07-FEB-2003 16:35:08	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	4918	No
340	GOM_NL__2PRFIN20030207_163932_000000402013_00355_04918_5595.N1	07-FEB-2003 16:39:32	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	4918	No
341	GOM_NL__2PRFIN20030207_164102_000000362013_00355_04918_5596.N1	07-FEB-2003 16:41:02	Bright	36.000	144	18Del Cyg	2.8600	11000.	72	4918	No
342	GOM_NL__2PRFIN20030207_164324_000000372013_00355_04918_5597.N1	07-FEB-2003 16:43:24	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	4918	No
343	GOM_NL__2PRFIN20030207_164628_000000492013_00355_04918_5598.N1	07-FEB-2003 16:46:28	Bright	49.000	133	40Zet Her	2.8070	6000.0	98	4918	No
344	GOM_NL__2PRFIN20030207_164938_000000812013_00355_04918_5599.N1	07-FEB-2003 16:49:38	Bright	80.500	67	5Alp CrB	2.2210	11000.	161	4918	No
345	GOM_NL__2PRFIN20030207_165153_000001782013_00355_04918_5600.N1	07-FEB-2003 16:51:53	Twi_and_stray	178.00	83		2.3780	11000.	356	4918	No
346	GOM_NL__2PRFIN20030207_170054_000000502013_00355_04918_5601.N1	07-FEB-2003 17:00:54	Twi_and_stray	49.500	86	35Eta Oph	2.4300	10200.	99	4918	No
347	GOM_NL__2PRFIN20030207_170244_000000452013_00355_04918_5602.N1	07-FEB-2003 17:02:44	Twilight	45.000	116	19Del Sgr	2.7000	4100.0	90	4918	No
348	GOM_NL__2PRFIN20030207_170355_000000442013_00355_04918_5603.N1	07-FEB-2003 17:03:55	Dark	44.000	38	20Eps Sgr	1.8360	11000.	88	4918	No
349	GOM_NL__2PRFIN20030207_170541_000000412013_00355_04918_5604.N1	07-FEB-2003 17:05:41	Dark	41.000	25	35Lam Sco	1.6200	28000.	82	4918	No
350	GOM_NL__2PRFIN20030207_170726_000000852013_00355_04918_5605.N1	07-FEB-2003 17:07:26	Dark	84.500	104	27Bet Lib	2.6140	13100.	169	4918	No
351	GOM_NL__2PRFIN20030207_171026_000000442013_00355_04918_5606.N1	07-FEB-2003 17:10:26	Dark	43.500	141	Bet Ara	2.8400	4600.0	87	4918	No
352	GOM_NL__2PRFIN20030207_171413_000000412013_00356_04919_5505.N1	07-FEB-2003 17:14:13	Dark	40.500	43	Alp TrA	1.9100	4250.0	81	4919	No
353	GOM_NL__2PRFIN20030207_171828_000000452013_00356_04919_5506.N1	07-FEB-2003 17:18:28	Dark	45.000	77	Eps Cen	2.3030	28000.	90	4919	No
354	GOM_NL__2PRFIN20030207_172019_000000472013_00356_04919_5507.N1	07-FEB-2003 17:20:19	Dark	46.500	20	Bet Cru	1.2530	30000.	93	4919	No
355	GOM_NL__2PRFIN20030207_172148_000000522013_00356_04919_5508.N1	07-FEB-2003 17:21:48	Dark	52.000	64	Gam Cen	2.2000	10600.	104	4919	No
356	GOM_NL__2PRFIN20030207_172347_000000372013_00356_04919_5509.N1	07-FEB-2003 17:23:47	Dark	37.000	29	Bet Car	1.6720	10200.	74	4919	No
357	GOM_NL__2PRFIN20030207_172616_000000392013_00356_04919_5510.N1	07-FEB-2003 17:26:16	Dark	38.500	71	lot Car	2.2460	7700.0	77	4919	No
358	GOM_NL__2PRFIN20030207_172758_000000412013_00356_04919_5511.N1	07-FEB-2003 17:27:58	Dark	40.500	46	Del Vel	1.9540	10600.	81	4919	No
359	GOM_NL__2PRFIN20030207_173025_000000412013_00356_04919_5512.N1	07-FEB-2003 17:30:25	Straylight	41.000	34	Gam2Vel	1.7930	23000.	82	4919	No
360	GOM_NL__2PRFIN20030207_173229_000000382013_00356_04919_5513.N1	07-FEB-2003 17:32:29	Straylight	37.500	70	Zet Pup	2.2460	39000.	75	4919	No
361	GOM_NL__2PRFIN20030207_173347_000000432013_00356_04919_5514.N1	07-FEB-2003 17:33:47	Straylight	42.500	117	Pi Pup	2.7060	3800.0	85	4919	No
362	GOM_NL__2PRFIN20030207_173613_000000412013_00356_04919_5515.N1	07-FEB-2003 17:36:13	Straylight	41.000	23	21Eps CMa	1.5020	26000.	82	4919	No
363	GOM_NL__2PRFIN20030207_173736_000000392013_00356_04919_5516.N1	07-FEB-2003 17:37:36	Straylight	39.000	179	24Omi2CMa	3.0320	24000.	78	4919	No
364	GOM_NL__2PRFIN20030207_173947_000000522013_00356_04919_5517.N1	07-FEB-2003 17:39:47	Twi_and_stray	52.000	1	9Alp CMa	-1.4400	11000.	104	4919	No
365	GOM_NL__2PRFIN20030207_174521_000000472013_00356_04919_5518.N1	07-FEB-2003 17:45:21	Twi_and_stray	47.000	8	10Alp CMi	0.40000	6500.0	94	4919	No
366	GOM_NL__2PRFIN20030207_174902_000000382013_00356_04919_5519.N1	07-FEB-2003 17:49:02	Bright	37.500	44	24Gam Gem	1.9280	11000.	75	4919	No
367	GOM_NL__2PRFIN20030207_175056_000000402013_00356_04919_5520.N1	07-FEB-2003 17:50:56	Bright	40.000	151	13Mu Gem	2.8900	3000.0	80	4919	No
368	GOM_NL__2PRFIN20030207_175254_000000382013_00356_04919_5521.N1	07-FEB-2003 17:52:54	Bright	38.000	24	66Alp Gem	1.5800	10200.	76	4919	No
369	GOM_NL__2PRFIN20030207_175518_000000382013_00356_04919_5522.N1	07-FEB-2003 17:55:18	Bright	37.500	107	37The Aur	2.6490	11000.	75	4919	No
370	GOM_NL__2PRFIN20030207_175719_000000382013_00356_04919_5523.N1	07-FEB-2003 17:57:19	Bright	38.000	42	34Bet Aur	1.9000	10200.	76	4919	No
371	GOM_NL__2PRFIN20030207_180005_000001252013_00356_04919_5524.N1	07-FEB-2003 18:00:05	Bright	124.50	96	68Del Leo	2.5600	9300.0	249	4919	No
372	GOM_NL__2PRFIN20030207_180503_000000482013_00356_04919_5525.N1	07-FEB-2003 18:05:03	Bright	48.000	82	48Bet UMa	2.3650	10600.	96	4919	No
373	GOM_NL__2PRFIN20030207_180913_000000372013_00356_04919_5526.N1	07-FEB-2003 18:09:13	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	4919	No
374	GOM_NL__2PRFIN20030207_181153_000000422013_00356_04919_5527.N1	07-FEB-2003 18:11:53	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	4919	No
375	GOM_NL__2PRFIN20030207_181544_000000382013_00356_04919_5528.N1	07-FEB-2003 18:15:44	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	4919	No
376	GOM_NL__2PRFIN20030207_182008_000000402013_00356_04919_5529.N1	07-FEB-2003 18:20:08	Bright	40.000	130	23Bet Dra	2.7990	5800.0	80	4919	No
377	GOM_NL__2PRFIN20030207_182139_000000352013_00356_04919_5530.N1	07-FEB-2003 18:21:39	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	4919	No
378	GOM_NL__2PRFIN20030207_182401_000000362013_00356_04919_5531.N1	07-FEB-2003 18:24:01	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	4919	No
379	GOM_NL__2PRFIN20030207_182704_000000492013_00356_04919_5532.N1	07-FEB-2003 18:27:04	Bright	48.500	133	40Zet Her	2.8070	6000.0	97	4919	No
380	GOM_NL__2PRFIN20030207_183016_000000792013_00356_04919_5533.N1	07-FEB-2003 18:30:16	Bright	78.500	67	5Alp CrB	2.2210	11000.	157	4919	No
381	GOM_NL__2PRFIN20030207_183231_000001742013_00356_04919_5534.N1	07-FEB-2003 18:32:31	Twi_and_stray	174.00	83		2.3780	11000.	348	4919	No
382	GOM_NL__2PRFIN20030207_184131_000000502013_00356_04919_5535.N1	07-FEB-2003 18:41:31	Twilight	49.500	86	35Eta Oph	2.4300	10200.	99	4919	No
383	GOM_NL__2PRFIN20030207_184321_000000442013_00356_04919_5536.N1	07-FEB-2003 18:43:21	Twilight	43.500	116	19Del Sgr	2.7000	4100.0	87	4919	No
384	GOM_NL__2PRFIN20030207_184431_000000402013_00356_04919_5537.N1	07-FEB-2003 18:44:31	Dark	40.000	38	20Eps Sgr	1.8360	11000.	80	4919	No
385	GOM_NL__2PRFIN20030207_184618_000000432013_00356_04919_5538.N1	07-FEB-2003 18:46:18	Dark	43.000	25	35Lam Sco	1.6200	28000.	86	4919	No
386	GOM_NL__2PRFIN20030207_184804_000000822013_00356_04919_5539.N1	07-FEB-2003 18:48:04	Dark	82.000	104	27Bet Lib	2.6140	13100.	164	4919	No
387	GOM_NL__2PRFIN20030207_185103_000000412013_00356_04919_5540.N1	07-FEB-2003 18:51:03	Dark	41.000	141	Bet Ara	2.8400	4600.0	82	4919	No
388	GOM_NL__2PRFIN20030207_185450_000000402013_00357_04920_5500.N1	07-FEB-2003 18:54:50	Dark	40.000	43	Alp TrA	1.9100	4250.0	80	4920	No
389	GOM_NL__2PRFIN20030207_185905_000000442013_00357_04920_5501.N1	07-FEB-2003 18:59:05	Dark	43.500	77	Eps Cen	2.3030	28000.	87	4920	No
390	GOM_NL__2PRFIN20030207_190056_000000432013_00357_04920_5502.N1	07-FEB-2003 19:00:56	Dark	43.000	20	Bet Cru	1.2530	30000.	86	4920	No
391	GOM_NL__2PRFIN20030207_190225_000000502013_00357_04920_5503.N1	07-FEB-2003 19:02:25	Dark	49.500	64	Gam Cen	2.2000	10600.	99	4920	No
392	GOM_NL__2PRFIN20030207_190423_000000402013_00357_04920_5504.N1	07-FEB-2003 19:04:23	Dark	39.500	29	Bet Car	1.6720	10200.	79	4920	No
393	GOM_NL__2PRFIN20030207_190652_000000412013_00357_04920_5505.N1	07-FEB-2003 19:06:52	Dark	40.500	71	lot Car	2.2460	7700.0	81	4920	No
394	GOM_NL__2PRFIN20030207_190834_000000382013_00357_04920_5506.N1	07-FEB-2003 19:08:34	Dark	37.500	46	Del Vel	1.9540	10600.	75	4920	No
395	GOM_NL__2PRFIN20030207_191101_000000422013_00357_04920_5507.N1	07-FEB-2003 19:11:01	Straylight	42.000	34	Gam2Vel	1.7930	23000.	84	4920	No
396	GOM_NL__2PRFIN20030207_191305_000000392013_00357_04920_5508.N1	07-FEB-2003 19:13:05	Straylight	39.000	70	Zet Pup	2.2460	39000.	78	4920	No

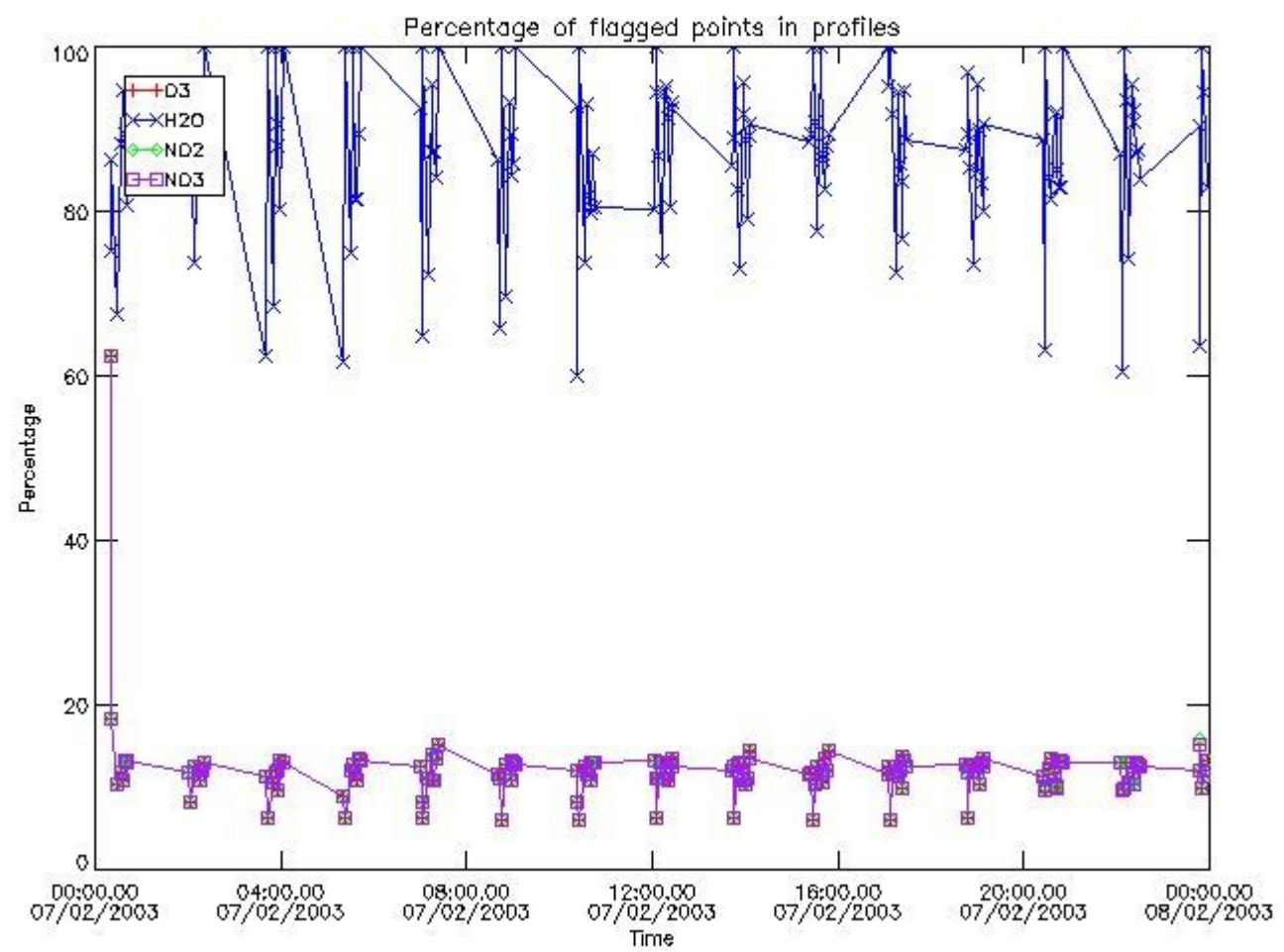
397	GOM_NL__2PRFIN20030207_191423_00000452013_00357_04920_5509.N1	07-FEB-2003 19:14:23	Straylight	44.500	117	Pi Pup	2.7060	3800.0	89	4920	No
398	GOM_NL__2PRFIN20030207_191644_000001572013_00357_04920_5510.N1	07-FEB-2003 19:16:44	Straylight	156.50	100	4Gam Crv	2.5800	13100.	313	4920	No
399	GOM_NL__2PRFIN20030207_192139_000000602013_00357_04920_5511.N1	07-FEB-2003 19:21:39	Straylight	59.500	48	30Alp Hya	1.9770	4100.0	119	4920	No
400	GOM_NL__2PRFIN20030207_192557_000000462013_00357_04920_5512.N1	07-FEB-2003 19:25:57	Tw_i_and_stray	46.000	8	10Alp CMi	0.40000	6500.0	92	4920	No
401	GOM_NL__2PRFIN20030207_192938_000000382013_00357_04920_5513.N1	07-FEB-2003 19:29:38	Bright	37.500	44	24Gam Gem	1.9280	11000.	75	4920	No
402	GOM_NL__2PRFIN20030207_193132_000000392013_00357_04920_5514.N1	07-FEB-2003 19:31:32	Bright	39.000	151	13Mu Gem	2.8900	3000.0	78	4920	No
403	GOM_NL__2PRFIN20030207_193330_000000372013_00357_04920_5515.N1	07-FEB-2003 19:33:30	Bright	37.000	24	66Alp Gem	1.5800	10200.	74	4920	No
404	GOM_NL__2PRFIN20030207_193554_000000382013_00357_04920_5516.N1	07-FEB-2003 19:35:54	Bright	37.500	107	37The Aur	2.6490	11000.	75	4920	No
405	GOM_NL__2PRFIN20030207_193756_000000372013_00357_04920_5517.N1	07-FEB-2003 19:37:56	Bright	37.000	42	34Bet Aur	1.9000	10200.	74	4920	No
406	GOM_NL__2PRFIN20030207_194037_000001252013_00357_04920_5518.N1	07-FEB-2003 19:40:37	Bright	125.00	96	68Del Leo	2.5600	9300.0	250	4920	No
407	GOM_NL__2PRFIN20030207_194537_000000492013_00357_04920_5519.N1	07-FEB-2003 19:45:37	Bright	49.000	82	48Bet UMa	2.3650	10600.	98	4920	No
408	GOM_NL__2PRFIN20030207_194949_000000382013_00357_04920_5520.N1	07-FEB-2003 19:49:49	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	4920	No
409	GOM_NL__2PRFIN20030207_195229_000000362013_00357_04920_5521.N1	07-FEB-2003 19:52:29	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	4920	No
410	GOM_NL__2PRFIN20030207_195620_000000372013_00357_04920_5522.N1	07-FEB-2003 19:56:20	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	4920	No
411	GOM_NL__2PRFIN20030207_200043_000000402013_00357_04920_5523.N1	07-FEB-2003 20:00:43	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	4920	No
412	GOM_NL__2PRFIN20030207_200215_000000362013_00357_04920_5524.N1	07-FEB-2003 20:02:15	Bright	35.500	144	18Del Cyg	2.8600	11000.	71	4920	No
413	GOM_NL__2PRFIN20030207_200437_000000382013_00357_04920_5525.N1	07-FEB-2003 20:04:37	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	4920	No
414	GOM_NL__2PRFIN20030207_200740_000000492013_00357_04920_5526.N1	07-FEB-2003 20:07:40	Bright	49.000	133	40Zet Her	2.8070	6000.0	98	4920	No
415	GOM_NL__2PRFIN20030207_201052_000000802013_00357_04920_5527.N1	07-FEB-2003 20:10:52	Bright	79.500	67	5Alp CrB	2.2210	11000.	159	4920	No
416	GOM_NL__2PRFIN20030207_201308_000001782013_00357_04920_5528.N1	07-FEB-2003 20:13:08	Tw_i_and_stray	178.00	83		2.3780	11000.	356	4920	No
417	GOM_NL__2PRFIN20030207_202207_000000472013_00357_04920_5529.N1	07-FEB-2003 20:22:07	Twilight	47.000	86	35Eta Oph	2.4300	10200.	94	4920	No
418	GOM_NL__2PRFIN20030207_202357_000000442013_00357_04920_5530.N1	07-FEB-2003 20:23:57	Twilight	44.000	116	19Del Sgr	2.7000	4100.0	88	4920	No
419	GOM_NL__2PRFIN20030207_202507_000000452013_00357_04920_5531.N1	07-FEB-2003 20:25:07	Dark	45.000	38	20Eps Sgr	1.8360	11000.	90	4920	No
420	GOM_NL__2PRFIN20030207_202645_000000642013_00357_04920_5532.N1	07-FEB-2003 20:26:45	Dark	64.000	16	21Alp Sco	1.0200	3000.0	128	4920	No
421	GOM_NL__2PRFIN20030207_202829_000000512013_00357_04920_5533.N1	07-FEB-2003 20:28:29	Dark	50.500	158	6Pi Sco	2.9060	28000.	101	4920	No
422	GOM_NL__2PRFIN20030207_203139_000000422013_00357_04920_5534.N1	07-FEB-2003 20:31:39	Dark	41.500	141	Bet Ara	2.8400	4600.0	83	4920	No
423	GOM_NL__2PRFIN20030207_203526_000000382013_00358_04921_5502.N1	07-FEB-2003 20:35:26	Dark	38.000	43	Alp TrA	1.9100	4250.0	76	4921	No
424	GOM_NL__2PRFIN20030207_203942_000000442013_00358_04921_5503.N1	07-FEB-2003 20:39:42	Dark	43.500	77	Eps Cen	2.3030	28000.	87	4921	No
425	GOM_NL__2PRFIN20030207_204132_000000522013_00358_04921_5504.N1	07-FEB-2003 20:41:32	Dark	51.500	20	Bet Cru	1.2530	30000.	103	4921	No
426	GOM_NL__2PRFIN20030207_204301_000000512013_00358_04921_5505.N1	07-FEB-2003 20:43:01	Dark	50.500	64	Gam Cen	2.2000	10600.	101	4921	No
427	GOM_NL__2PRFIN20030207_204459_000000392013_00358_04921_5506.N1	07-FEB-2003 20:44:59	Dark	38.500	29	Bet Car	1.6720	10200.	77	4921	No
428	GOM_NL__2PRFIN20030207_204728_000000392013_00358_04921_5507.N1	07-FEB-2003 20:47:28	Dark	38.500	71	lot Car	2.2460	7700.0	77	4921	No
429	GOM_NL__2PRFIN20030207_204910_000000402013_00358_04921_5508.N1	07-FEB-2003 20:49:10	Dark	39.500	46	Del Vel	1.9540	10600.	79	4921	No
430	GOM_NL__2PRFIN20030207_205137_000000412013_00358_04921_5509.N1	07-FEB-2003 20:51:37	Straylight	41.000	34	Gam2Vel	1.7930	23000.	82	4921	No
431	GOM_NL__2PRFIN20030207_205342_000000412013_00358_04921_5510.N1	07-FEB-2003 20:53:42	Straylight	41.000	70	Zet Pup	2.2460	39000.	82	4921	No
432	GOM_NL__2PRFIN20030207_205459_000000422013_00358_04921_5511.N1	07-FEB-2003 20:54:59	Straylight	41.500	117	Pi Pup	2.7060	3800.0	83	4921	No
433	GOM_NL__2PRFIN20030207_205720_000001482013_00358_04921_5512.N1	07-FEB-2003 20:57:20	Straylight	147.50	100	4Gam Crv	2.5800	13100.	295	4921	No
434	GOM_NL__2PRFIN20030207_210215_000000542013_00358_04921_5513.N1	07-FEB-2003 21:02:15	Straylight	54.000	48	30Alp Hya	1.9770	4100.0	108	4921	No
435	GOM_NL__2PRFIN20030207_210633_000000522013_00358_04921_5514.N1	07-FEB-2003 21:06:33	Tw_i_and_stray	52.000	8	10Alp CMi	0.40000	6500.0	104	4921	No
436	GOM_NL__2PRFIN20030207_211014_000000372013_00358_04921_5515.N1	07-FEB-2003 21:10:14	Bright	36.500	44	24Gam Gem	1.9280	11000.	73	4921	No
437	GOM_NL__2PRFIN20030207_211208_000000402013_00358_04921_5516.N1	07-FEB-2003 21:12:08	Bright	39.500	151	13Mu Gem	2.8900	3000.0	79	4921	No
438	GOM_NL__2PRFIN20030207_211406_000000382013_00358_04921_5517.N1	07-FEB-2003 21:14:06	Bright	37.500	24	66Alp Gem	1.5800	10200.	75	4921	No
439	GOM_NL__2PRFIN20030207_211631_000000372013_00358_04921_5518.N1	07-FEB-2003 21:16:31	Bright	37.000	107	37The Aur	2.6490	11000.	74	4921	No
440	GOM_NL__2PRFIN20030207_211832_000000372013_00358_04921_5519.N1	07-FEB-2003 21:18:32	Bright	37.000	42	34Bet Aur	1.9000	10200.	74	4921	No
441	GOM_NL__2PRFIN20030207_212110_000001202013_00358_04921_5520.N1	07-FEB-2003 21:21:10	Bright	119.50	96	68Del Leo	2.5600	9300.0	239	4921	No
442	GOM_NL__2PRFIN20030207_212613_000000492013_00358_04921_5521.N1	07-FEB-2003 21:26:13	Bright	48.500	82	48Bet UMa	2.3650	10600.	97	4921	No
443	GOM_NL__2PRFIN20030207_213025_000000342013_00358_04921_5522.N1	07-FEB-2003 21:30:25	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	4921	No
444	GOM_NL__2PRFIN20030207_213304_000000422013_00358_04921_5523.N1	07-FEB-2003 21:33:04	Bright	42.000	60	7Bet UMi	2.0810	3950.0	84	4921	No
445	GOM_NL__2PRFIN20030207_213656_000000372013_00358_04921_5524.N1	07-FEB-2003 21:36:56	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	4921	No
446	GOM_NL__2PRFIN20030207_214119_000000402013_00358_04921_5525.N1	07-FEB-2003 21:41:19	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	4921	No
447	GOM_NL__2PRFIN20030207_214251_000000352013_00358_04921_5526.N1	07-FEB-2003 21:42:51	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	4921	No
448	GOM_NL__2PRFIN20030207_214513_000000352013_00358_04921_5527.N1	07-FEB-2003 21:45:13	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	4921	No
449	GOM_NL__2PRFIN20030207_214816_000000502013_00358_04921_5528.N1	07-FEB-2003 21:48:16	Bright	49.500	133	40Zet Her	2.8070	6000.0	99	4921	No
450	GOM_NL__2PRFIN20030207_215129_000000792013_00358_04921_5529.N1	07-FEB-2003 21:51:29	Bright	79.000	67	5Alp CrB	2.2210	11000.	158	4921	No
451	GOM_NL__2PRFIN20030207_215346_000001682013_00358_04921_5530.N1	07-FEB-2003 21:53:46	Tw_i_and_stray	167.50	83		2.3780	11000.	335	4921	No
452	GOM_NL__2PRFIN20030207_220244_000000482013_00358_04921_5531.N1	07-FEB-2003 22:02:44	Twilight	47.500	86	35Eta Oph	2.4300	10200.	95	4921	No
453	GOM_NL__2PRFIN20030207_220433_000000452013_00358_04921_5532.N1	07-FEB-2003 22:04:33	Twilight	45.000	116	19Del Sgr	2.7000	4100.0	90	4921	No
454	GOM_NL__2PRFIN20030207_220543_000000432013_00358_04921_5533.N1	07-FEB-2003 22:05:43	Dark	43.000	38	20Eps Sgr	1.8360	11000.	86	4921	No
455	GOM_NL__2PRFIN20030207_220722_000000542013_00358_04921_5534.N1	07-FEB-2003 22:07:22	Dark	53.500	16	21Alp Sco	1.0200	3000.0	107	4921	No

456	GOM_NL__2PRFIN20030207_220906_000000522013_00358_04921_5535.N1	07-FEB-2003 22:09:06	Dark	51.500	158	6Pi Sco	2.9060	28000.	103	4921	No
457	GOM_NL__2PRFIN20030207_221215_000000402013_00358_04921_5536.N1	07-FEB-2003 22:12:15	Dark	39.500	141	Bet Ara	2.8400	4600.0	79	4921	No
458	GOM_NL__2PRFIN20030207_221602_000000492013_00359_04922_5525.N1	07-FEB-2003 22:16:02	Dark	49.000	43	Alp TrA	1.9100	4250.0	98	4922	No
459	GOM_NL__2PRFIN20030207_222018_000000442013_00359_04922_5526.N1	07-FEB-2003 22:20:18	Dark	43.500	77	Eps Cen	2.3030	28000.	87	4922	No
460	GOM_NL__2PRFIN20030207_222209_000000462013_00359_04922_5527.N1	07-FEB-2003 22:22:09	Dark	45.500	20	Bet Cru	1.2530	30000.	91	4922	No
461	GOM_NL__2PRFIN20030207_222338_000000492013_00359_04922_5528.N1	07-FEB-2003 22:23:38	Dark	49.000	64	Gam Cen	2.2000	10600.	98	4922	No
462	GOM_NL__2PRFIN20030207_222535_000000392013_00359_04922_5529.N1	07-FEB-2003 22:25:35	Dark	39.000	29	Bet Car	1.6720	10200.	78	4922	No
463	GOM_NL__2PRFIN20030207_222804_000000402013_00359_04922_5530.N1	07-FEB-2003 22:28:04	Dark	40.000	71	lot Car	2.2460	7700.0	80	4922	No
464	GOM_NL__2PRFIN20030207_222946_000000412013_00359_04922_5531.N1	07-FEB-2003 22:29:46	Dark	41.000	46	Del Vel	1.9540	10600.	82	4922	No
465	GOM_NL__2PRFIN20030207_223213_000000412013_00359_04922_5532.N1	07-FEB-2003 22:32:13	Straylight	41.000	34	Gam2Vel	1.7930	23000.	82	4922	No
466	GOM_NL__2PRFIN20030207_223418_000000392013_00359_04922_5533.N1	07-FEB-2003 22:34:18	Straylight	38.500	70	Zet Pup	2.2460	39000.	77	4922	No
467	GOM_NL__2PRFIN20030207_223535_000000442013_00359_04922_5534.N1	07-FEB-2003 22:35:35	Straylight	44.000	117	Pi Pup	2.7060	3800.0	88	4922	No
468	GOM_NL__2PRFIN20030207_223756_000001542013_00359_04922_5535.N1	07-FEB-2003 22:37:56	Straylight	153.50	100	4Gam Crv	2.5800	13100.	307	4922	No
469	GOM_NL__2PRFIN20030207_224251_000000552013_00359_04922_5536.N1	07-FEB-2003 22:42:51	Straylight	55.000	48	30Alp Hya	1.9770	4100.0	110	4922	No
470	GOM_NL__2PRFIN20030207_224709_000000502013_00359_04922_5537.N1	07-FEB-2003 22:47:09	Twilight	50.000	8	10Alp CMi	0.40000	6500.0	100	4922	No
471	GOM_NL__2PRFIN20030207_225050_000000392013_00359_04922_5538.N1	07-FEB-2003 22:50:50	Bright	38.500	44	24Gam Gem	1.9280	11000.	77	4922	No
472	GOM_NL__2PRFIN20030207_225244_000000412013_00359_04922_5539.N1	07-FEB-2003 22:52:44	Bright	40.500	151	13Mu Gem	2.8900	3000.0	81	4922	No
473	GOM_NL__2PRFIN20030207_225442_000000382013_00359_04922_5540.N1	07-FEB-2003 22:54:42	Bright	38.000	24	66Alp Gem	1.5800	10200.	76	4922	No
474	GOM_NL__2PRFIN20030207_225707_000000362013_00359_04922_5541.N1	07-FEB-2003 22:57:07	Bright	36.000	107	37The Aur	2.6490	11000.	72	4922	No
475	GOM_NL__2PRFIN20030207_225908_000000372013_00359_04922_5542.N1	07-FEB-2003 22:59:08	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	4922	No
476	GOM_NL__2PRFIN20030207_230143_000001192013_00359_04922_5543.N1	07-FEB-2003 23:01:43	Bright	118.50	96	68Del Leo	2.5600	9300.0	237	4922	No
477	GOM_NL__2PRFIN20030207_230648_000000492013_00359_04922_5544.N1	07-FEB-2003 23:06:48	Bright	49.000	82	48Bet UMa	2.3650	10600.	98	4922	No
478	GOM_NL__2PRFIN20030207_231100_000000352013_00359_04922_5545.N1	07-FEB-2003 23:11:00	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	4922	No
479	GOM_NL__2PRFIN20030207_231340_000000412013_00359_04922_5546.N1	07-FEB-2003 23:13:40	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	4922	No
480	GOM_NL__2PRFIN20030207_231733_000000362013_00359_04922_5547.N1	07-FEB-2003 23:17:33	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	4922	No
481	GOM_NL__2PRFIN20030207_232155_000000402013_00359_04922_5548.N1	07-FEB-2003 23:21:55	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	4922	No
482	GOM_NL__2PRFIN20030207_232327_000000362013_00359_04922_5549.N1	07-FEB-2003 23:23:27	Bright	36.000	144	18Del Cyg	2.8600	11000.	72	4922	No
483	GOM_NL__2PRFIN20030207_232549_000000362013_00359_04922_5550.N1	07-FEB-2003 23:25:49	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	4922	No
484	GOM_NL__2PRFIN20030207_232852_000000502013_00359_04922_5551.N1	07-FEB-2003 23:28:52	Bright	49.500	133	40Zet Her	2.8070	6000.0	99	4922	No
485	GOM_NL__2PRFIN20030207_233203_000000792013_00359_04922_5552.N1	07-FEB-2003 23:32:03	Bright	79.000	67	5Alp CrB	2.2210	11000.	158	4922	No
486	GOM_NL__2PRFIN20030207_233423_000001712013_00359_04922_5553.N1	07-FEB-2003 23:34:23	Twilight	170.50	83		2.3780	11000.	341	4922	No
487	GOM_NL__2PRFIN20030207_234320_000000492013_00359_04922_5554.N1	07-FEB-2003 23:43:20	Twilight	49.000	86	35Eta Oph	2.4300	10200.	98	4922	No
488	GOM_NL__2PRFIN20030207_234509_000000432013_00359_04922_5555.N1	07-FEB-2003 23:45:09	Twilight	43.000	116	19Del Sgr	2.7000	4100.0	86	4922	No
489	GOM_NL__2PRFIN20030207_234619_000000422013_00359_04922_5556.N1	07-FEB-2003 23:46:19	Dark	42.000	38	20Eps Sgr	1.8360	11000.	84	4922	No
490	GOM_NL__2PRFIN20030207_234759_000000642013_00359_04922_5557.N1	07-FEB-2003 23:47:59	Dark	63.500	16	21Alp Sco	1.0200	3000.0	127	4922	No
491	GOM_NL__2PRFIN20030207_234943_000000512013_00359_04922_5558.N1	07-FEB-2003 23:49:43	Dark	51.000	158	6Pi Sco	2.9060	28000.	102	4922	No
492	GOM_NL__2PRFIN20030207_235251_000000452013_00359_04922_5559.N1	07-FEB-2003 23:52:51	Dark	45.000	141	Bet Ara	2.8400	4600.0	90	4922	No
493	GOM_NL__2PRFIN20030207_235638_000000392013_00360_04923_5523.N1	07-FEB-2003 23:56:38	Dark	38.500	43	Alp TrA	1.9100	4250.0	77	4923	No

3. Quality information per product

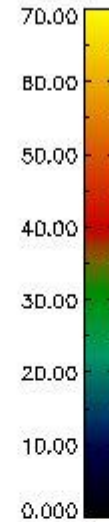
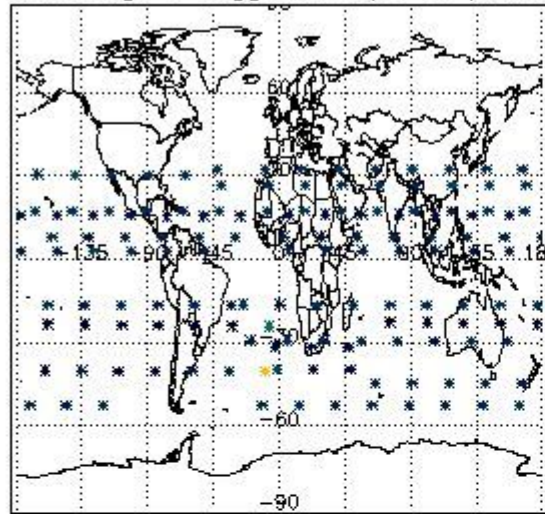
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

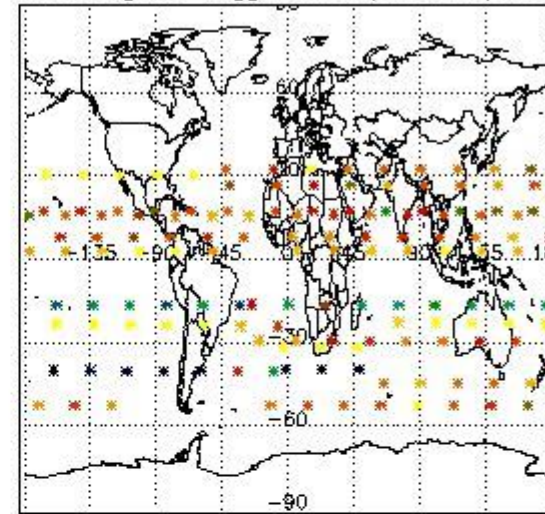


3.2 Plot quality information per product (world map)

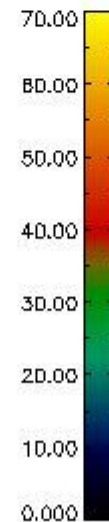
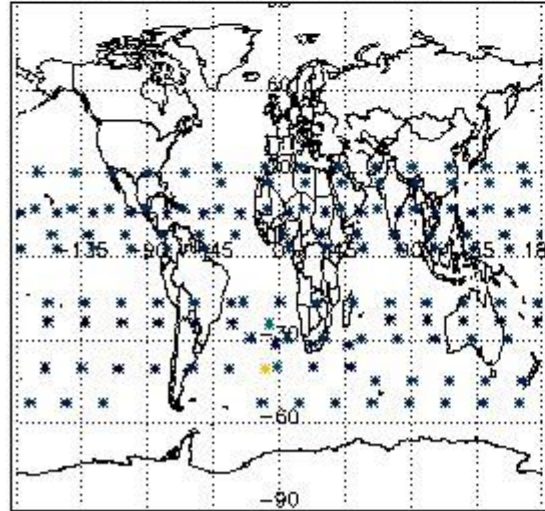
Percentage of flagged data per O3 profile



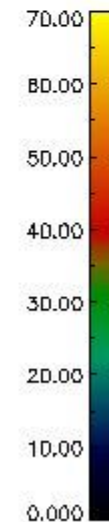
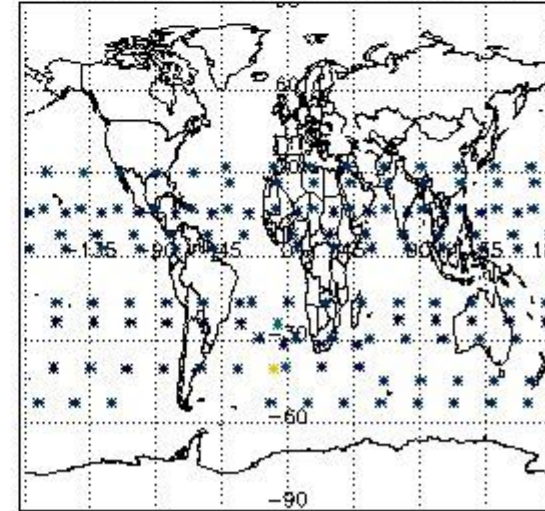
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

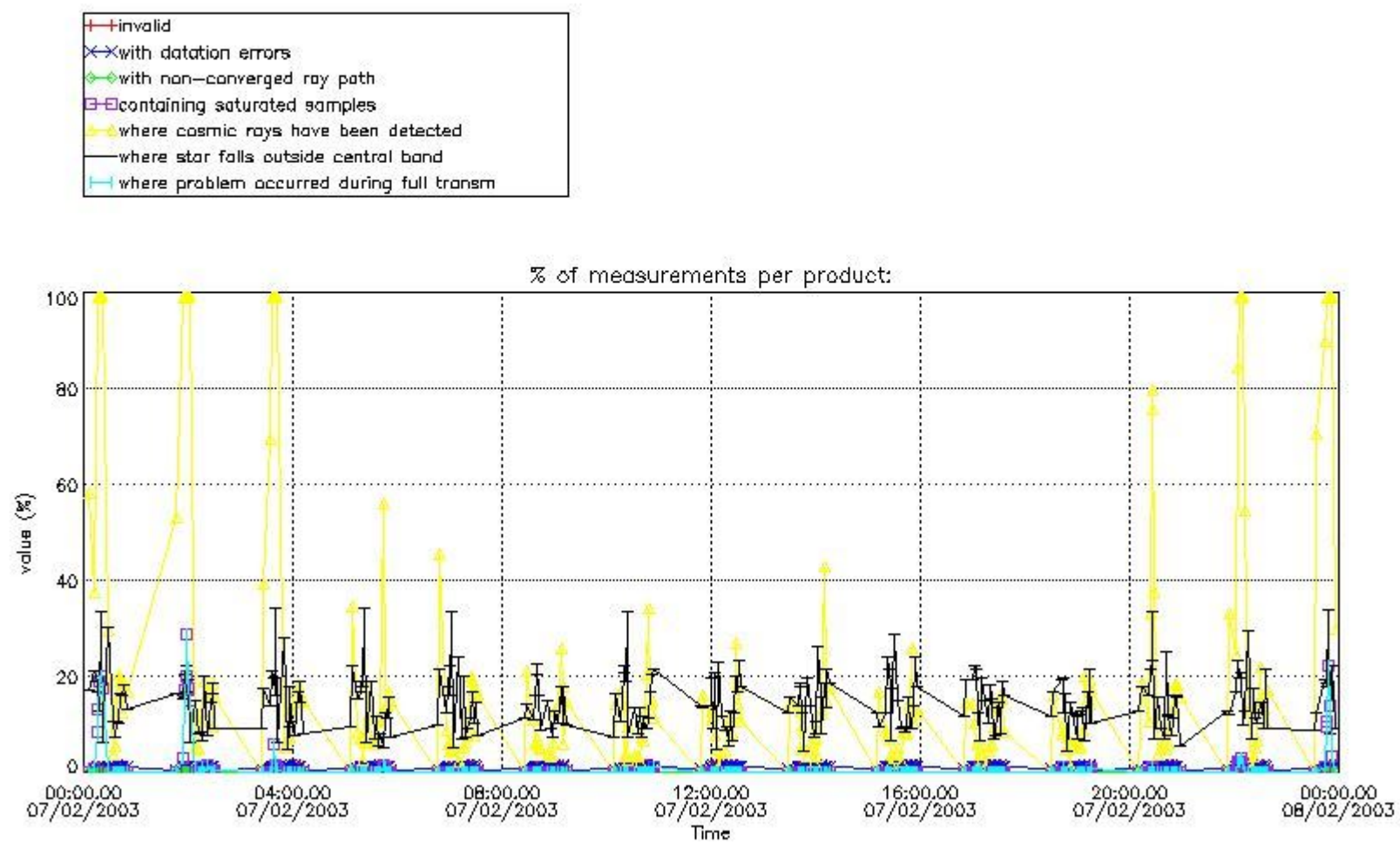


4. Level 1 quality information per product

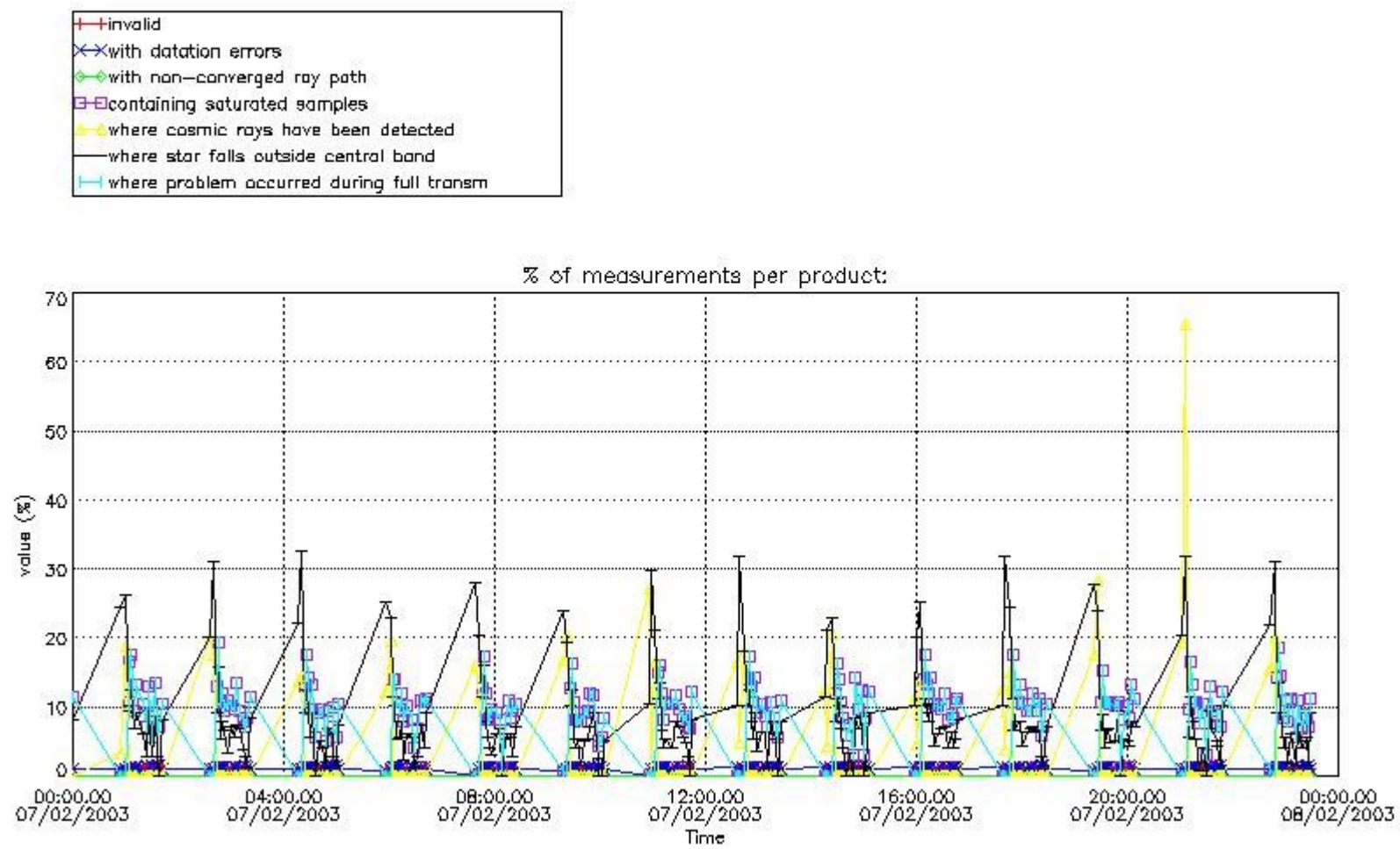
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

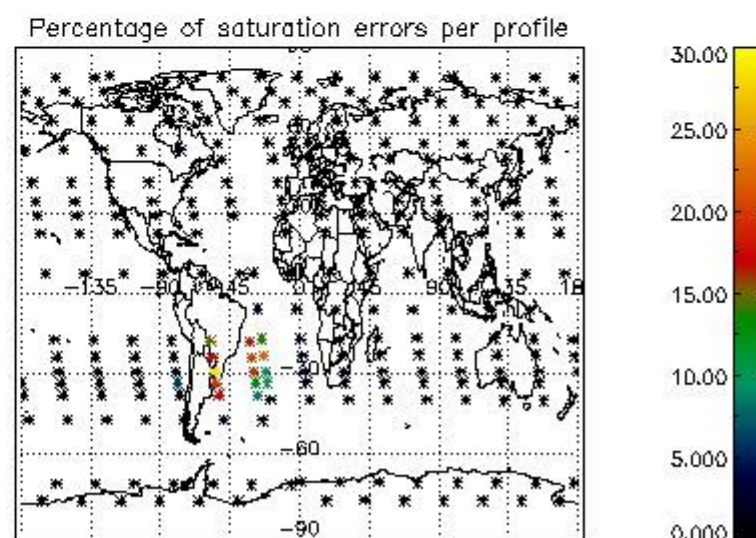
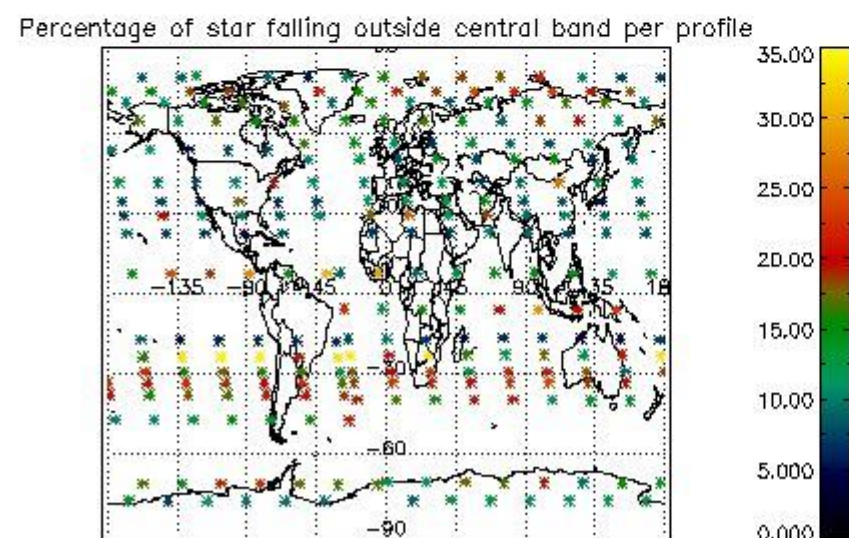
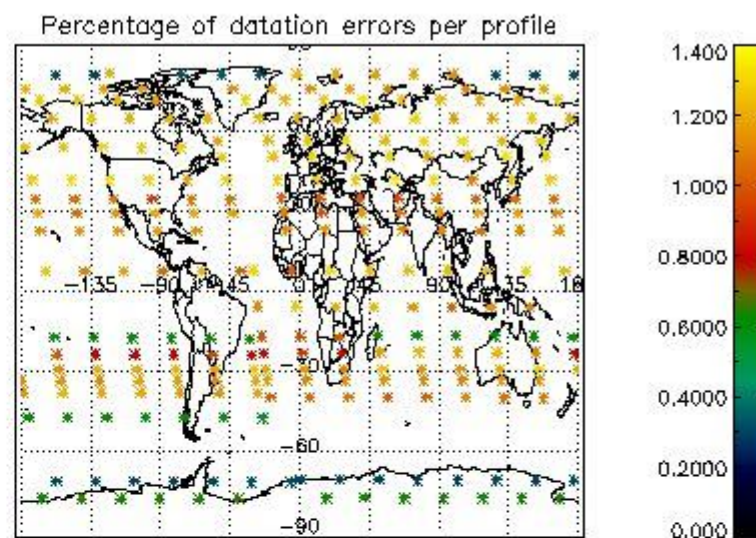
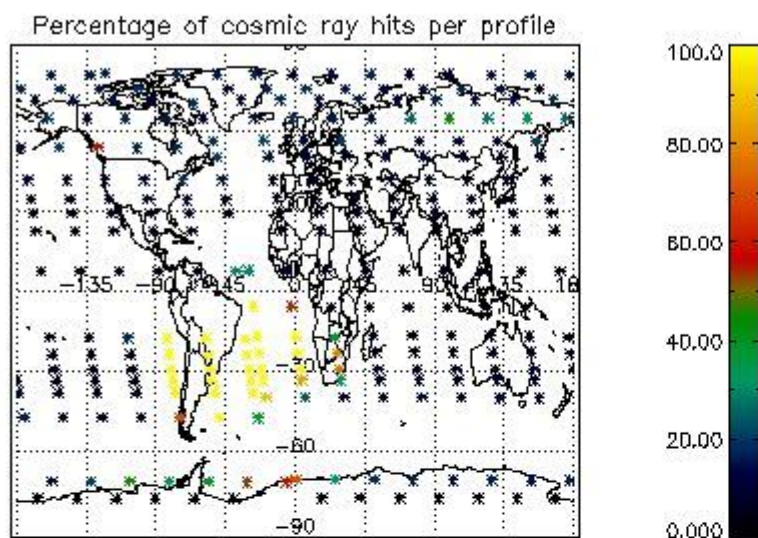


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

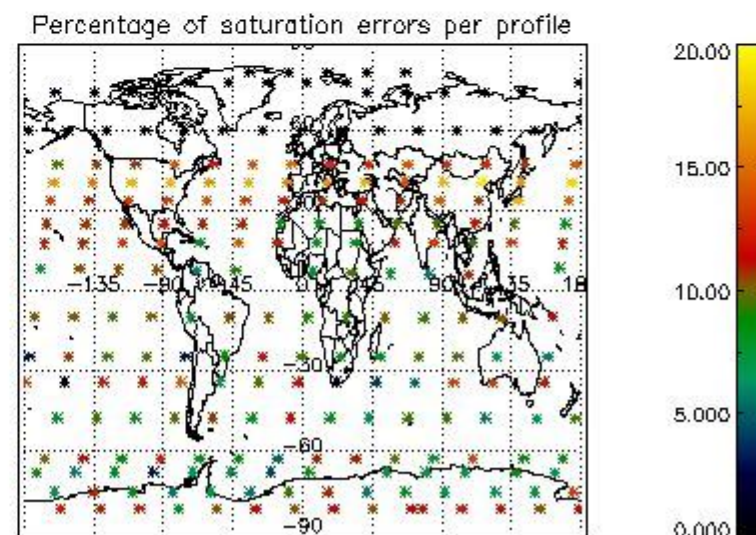
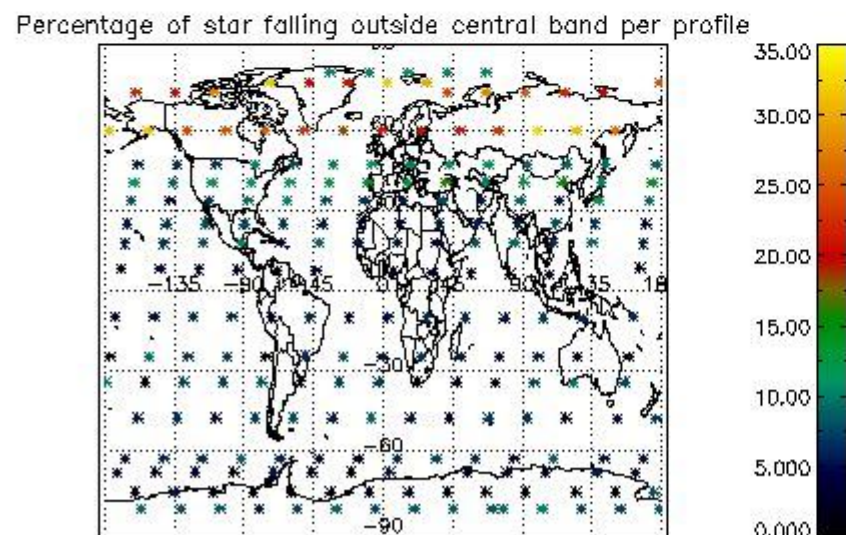
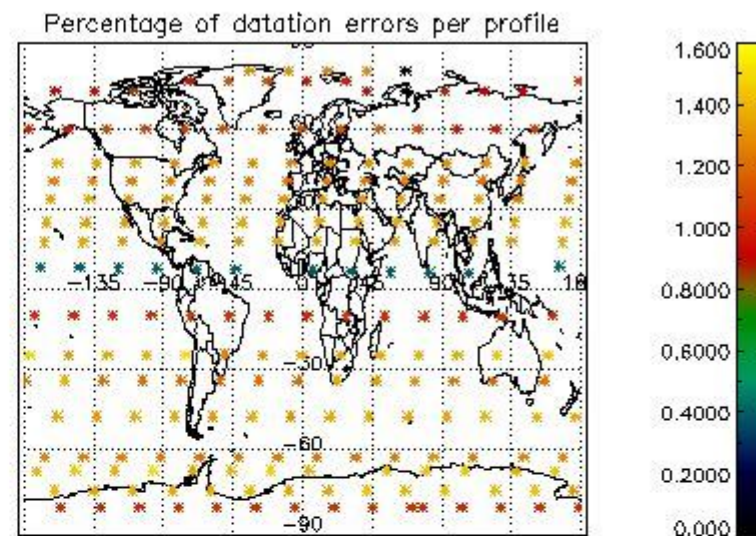
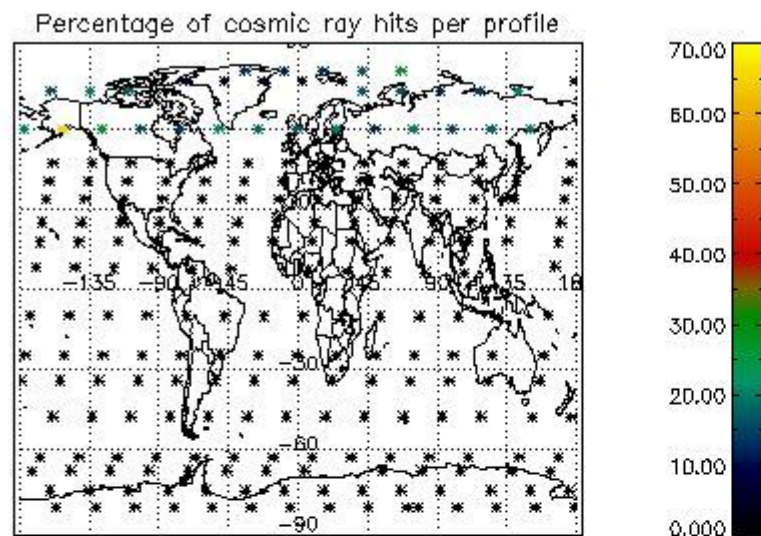


4.2 Plot quality information per product coming from level 1b processing (world map)

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

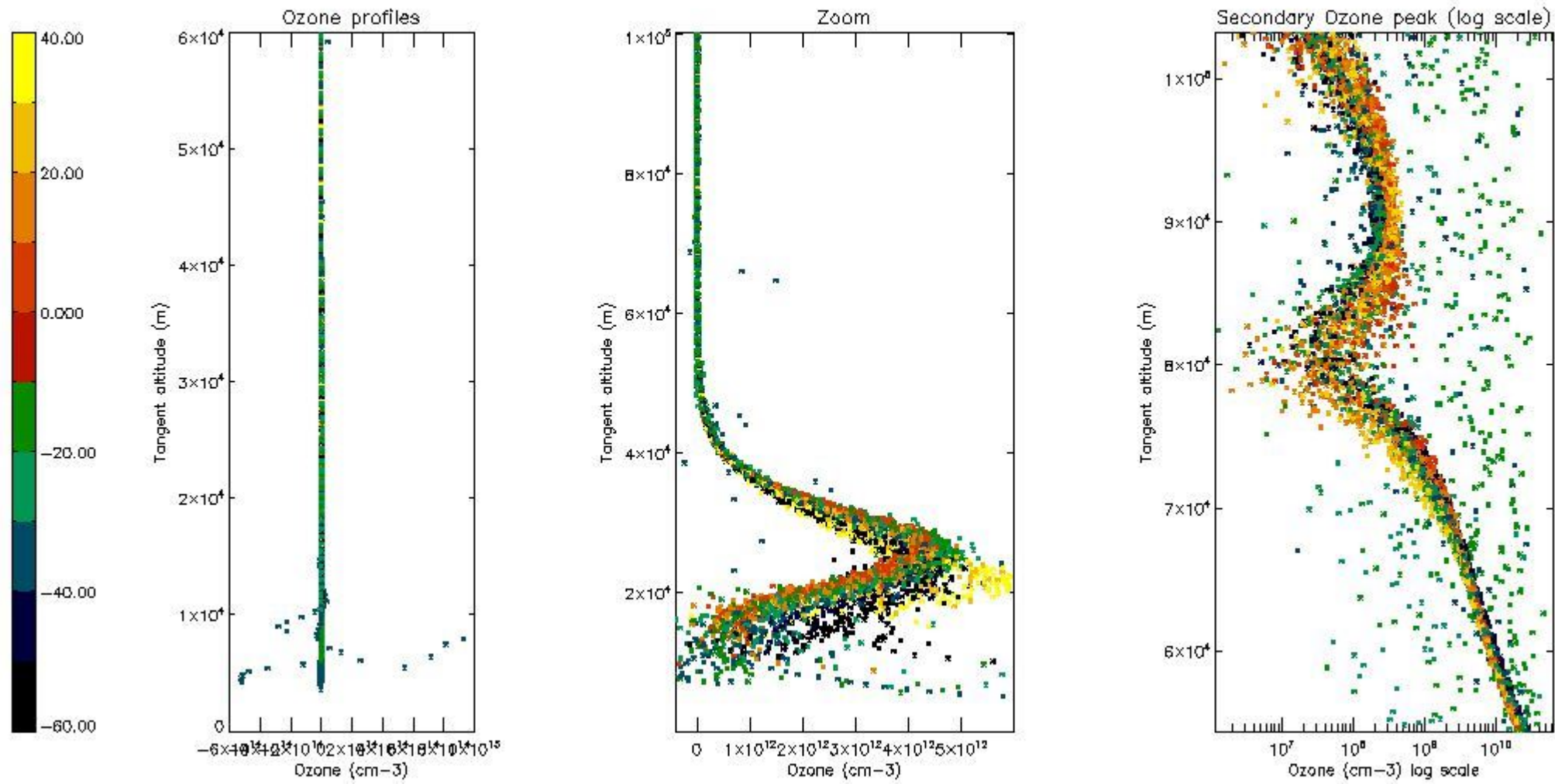
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

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

STD < 10	13
STD < 5	10

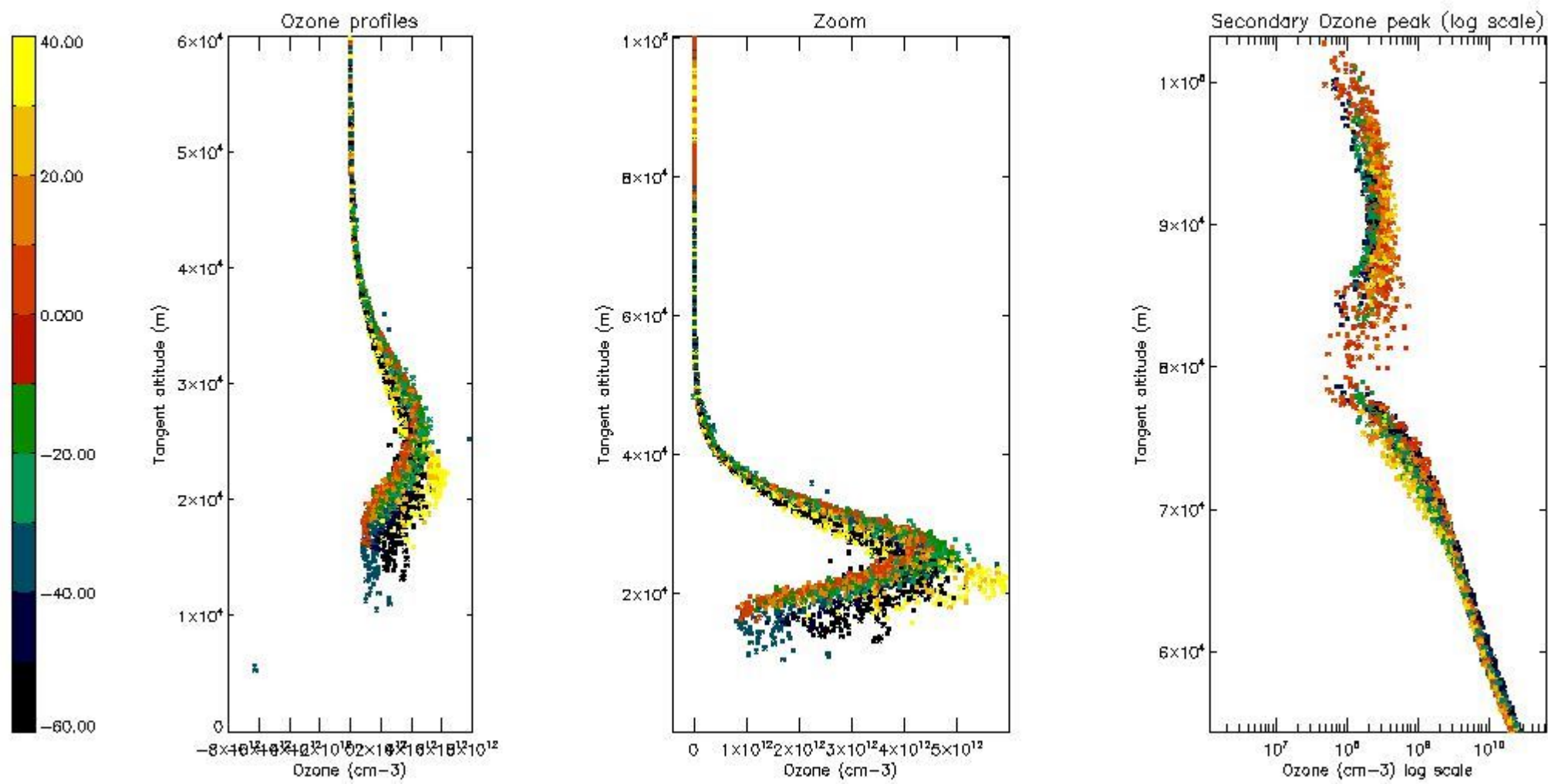
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



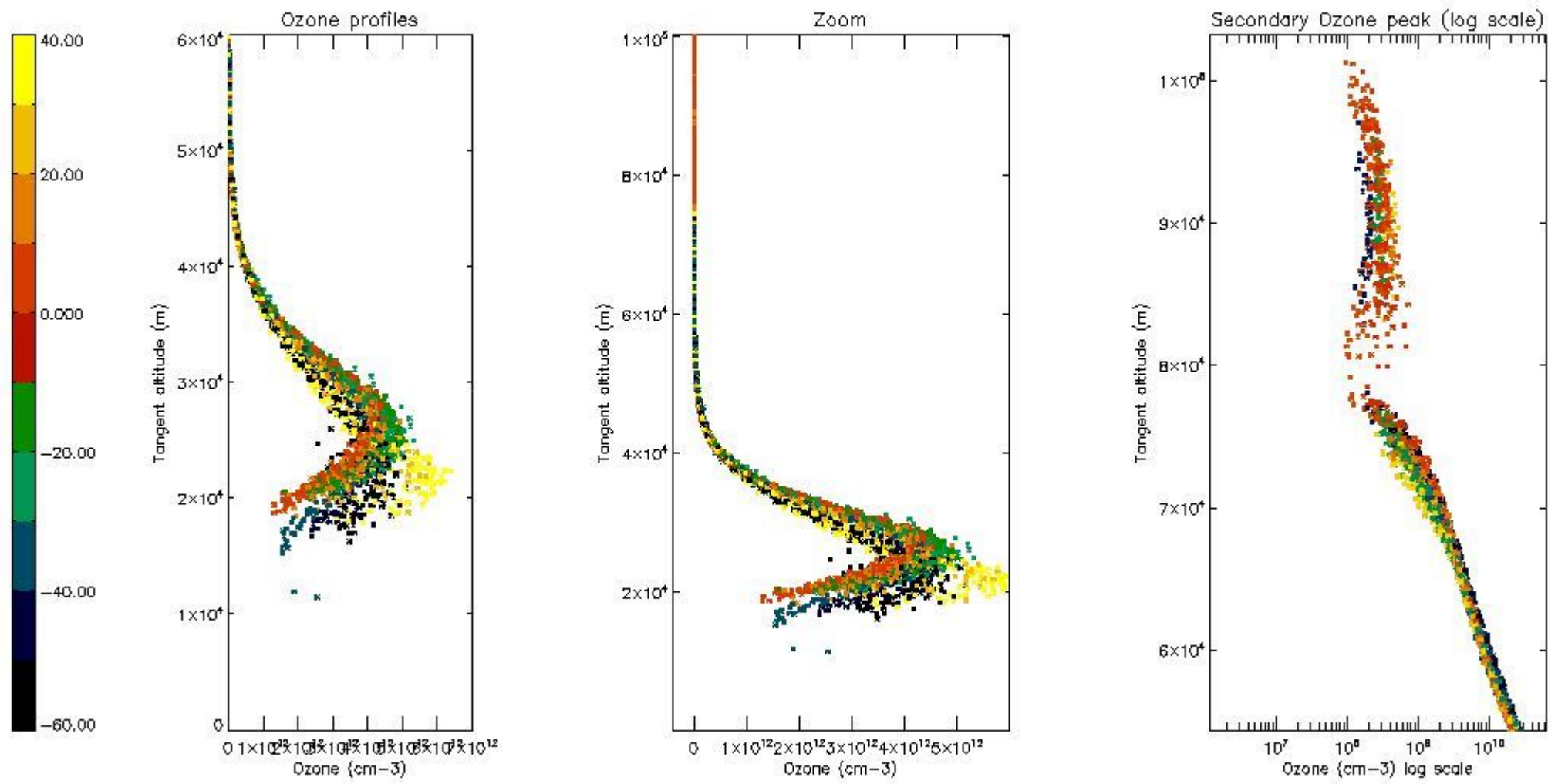
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



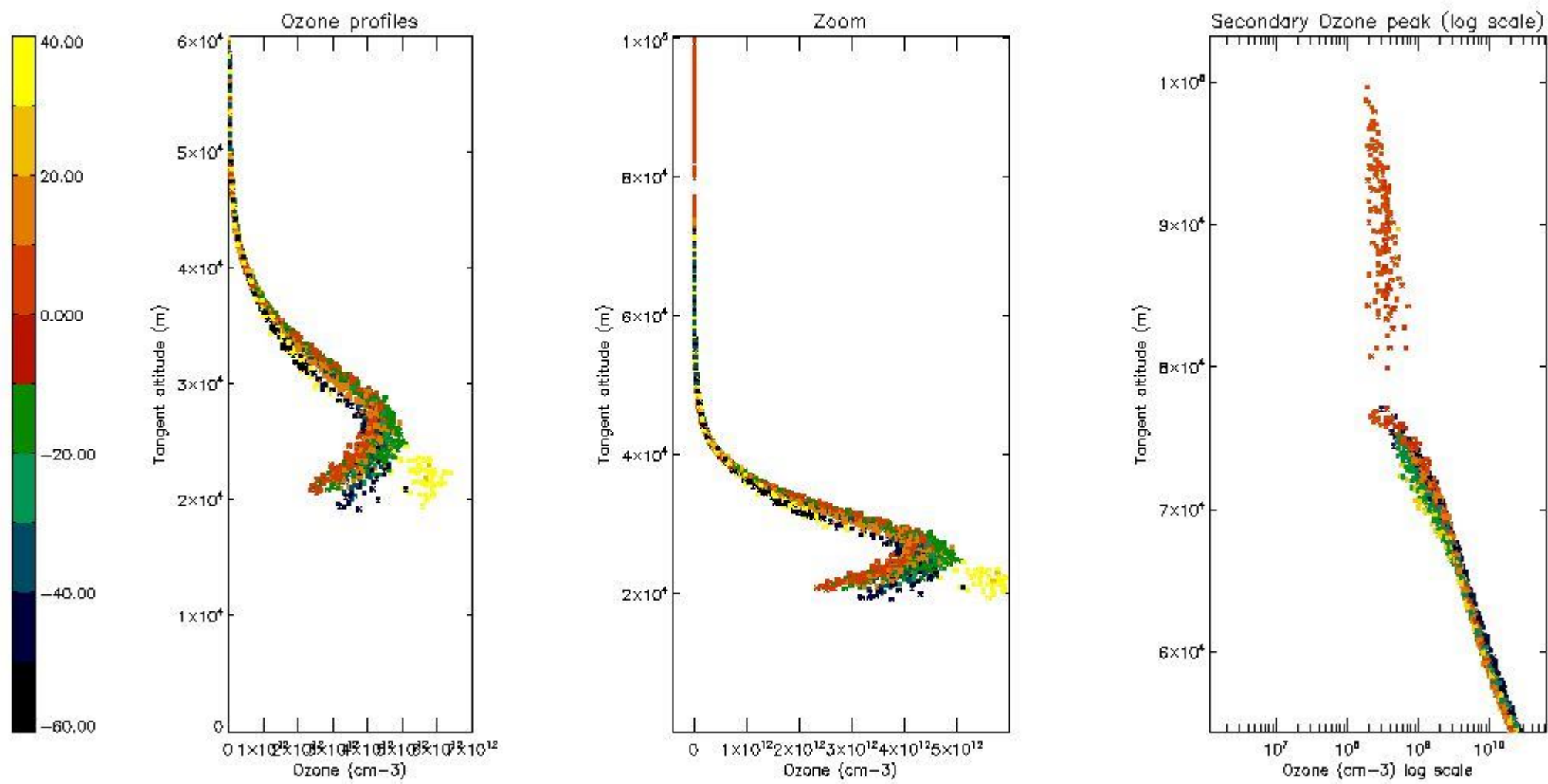
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



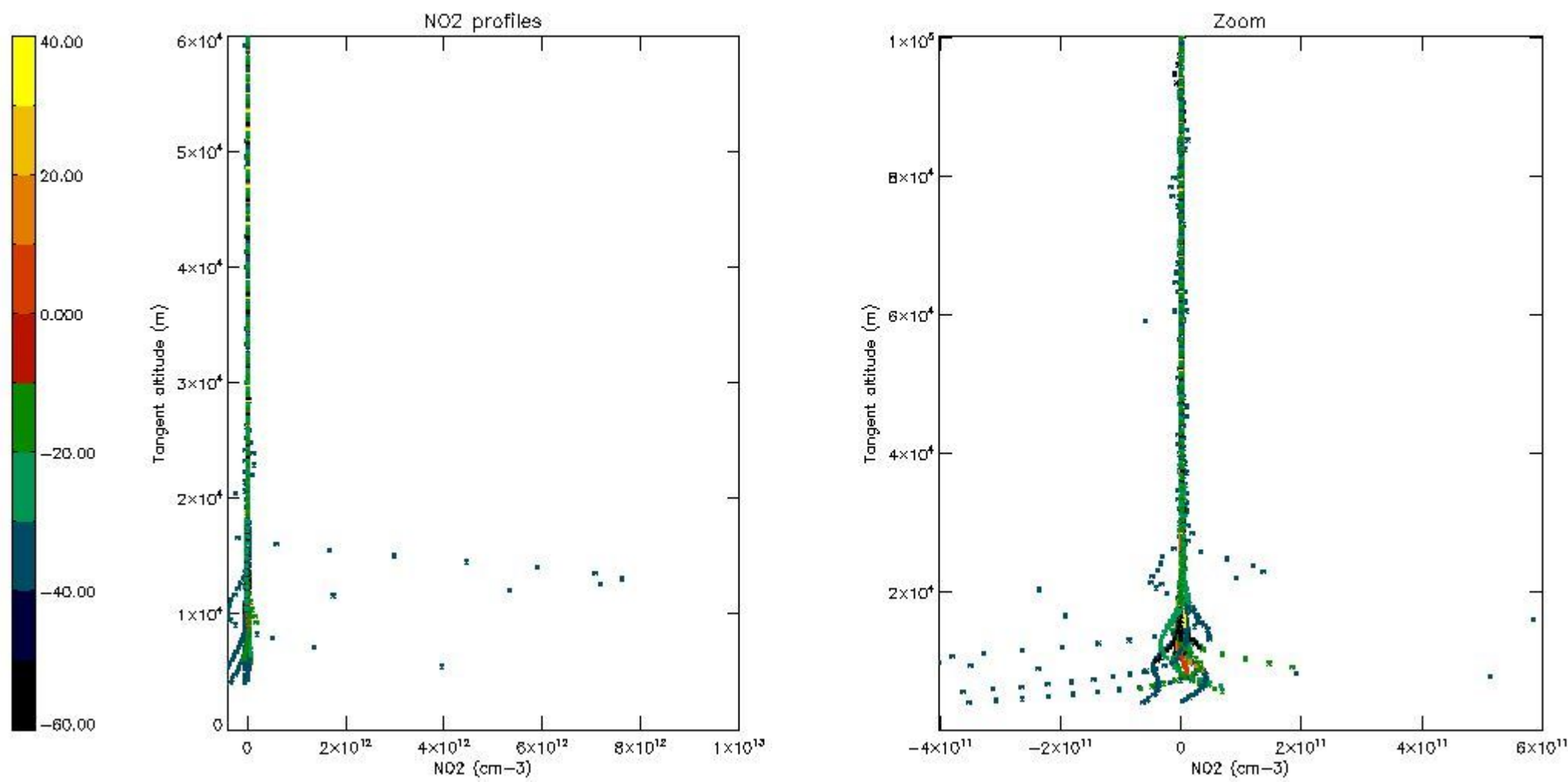
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



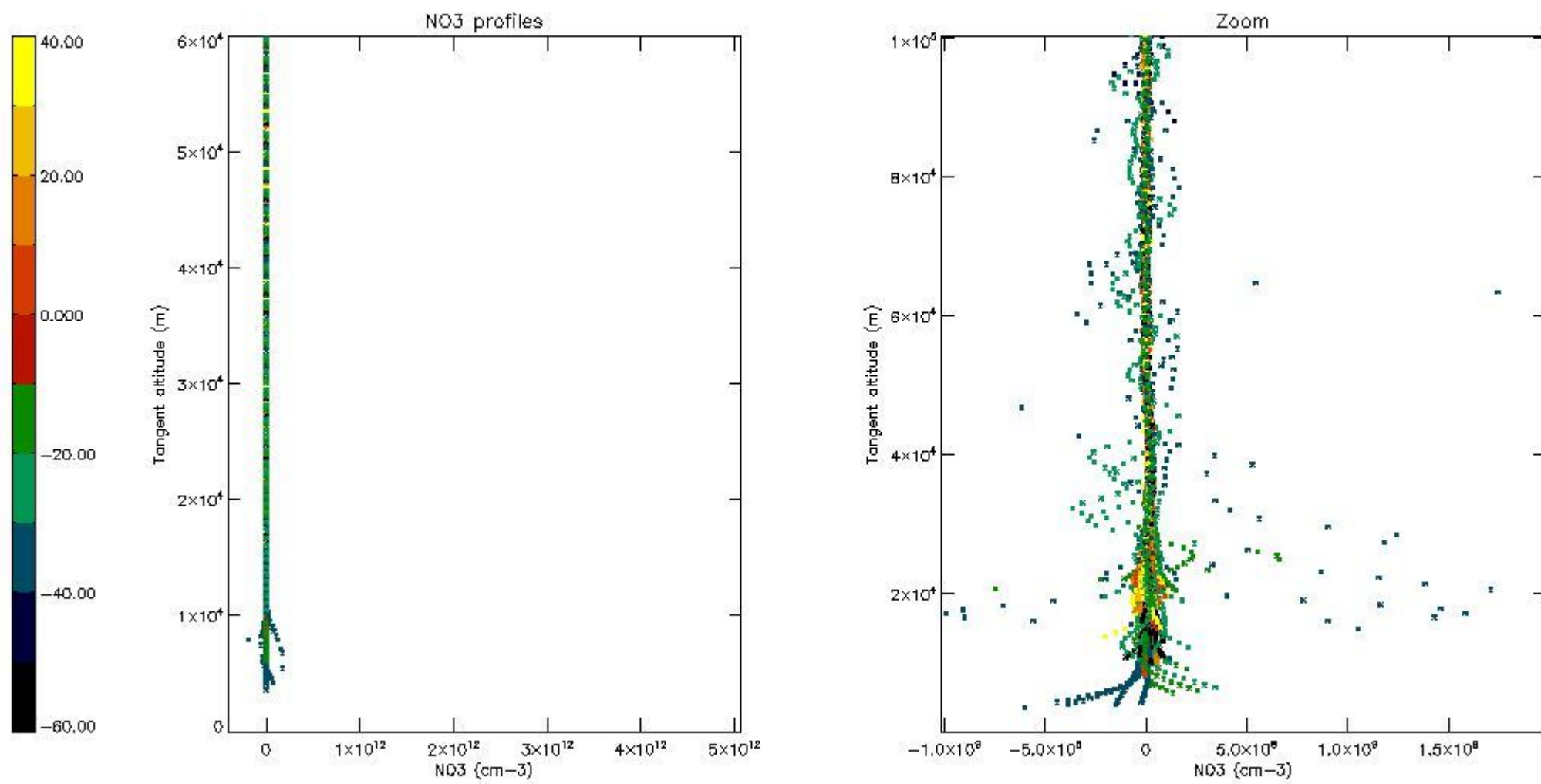
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



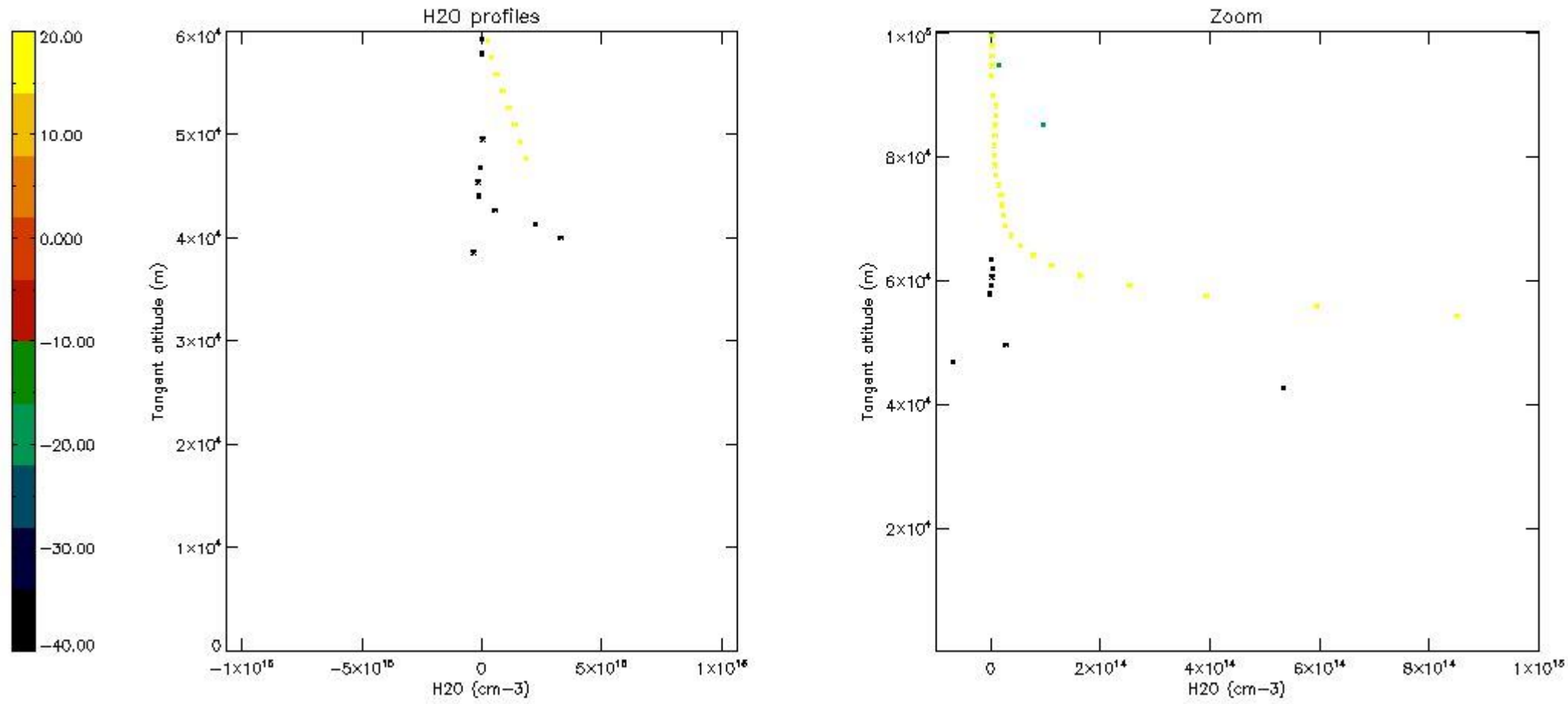
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

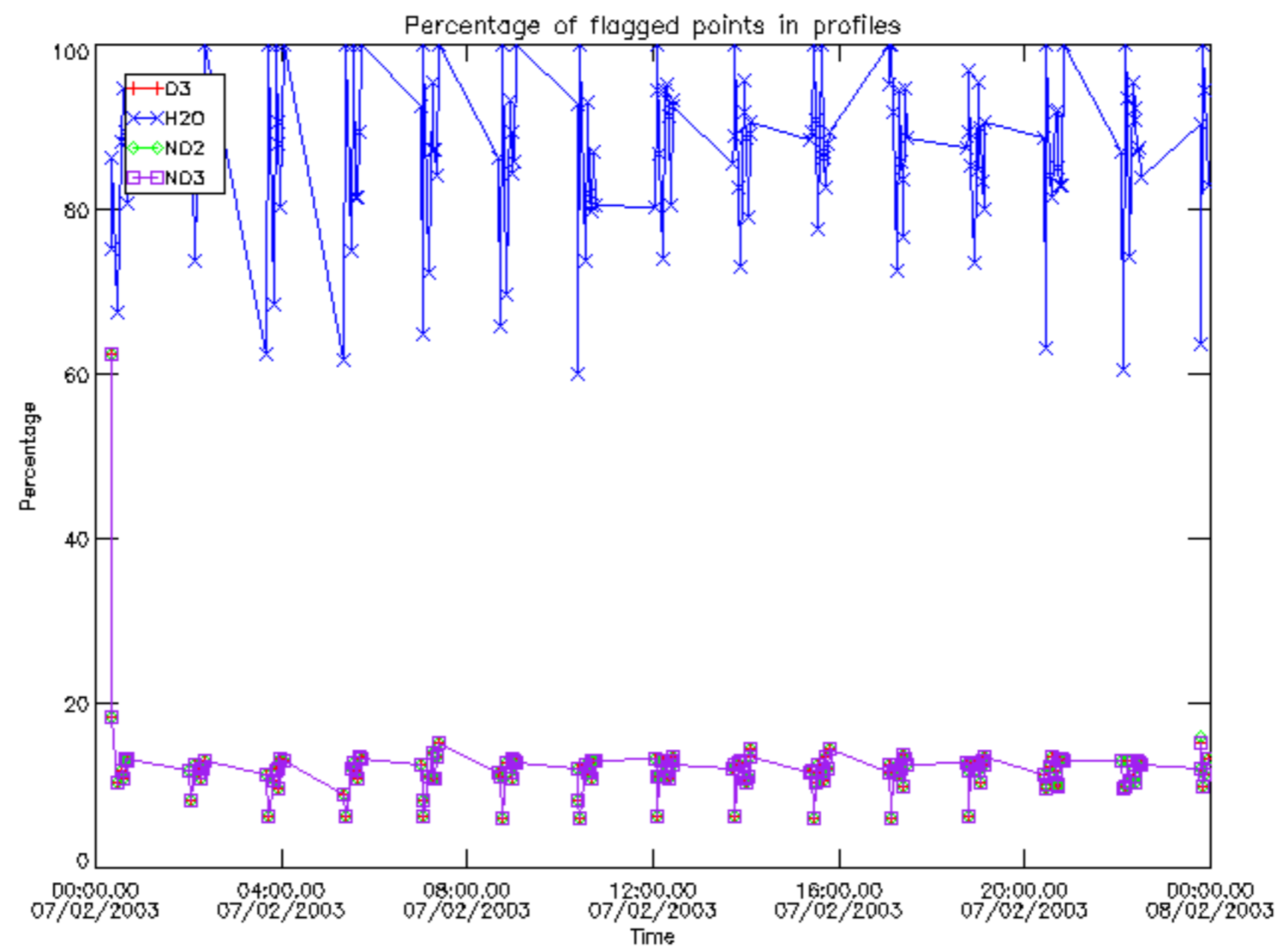
The colorbar represents the latitude.



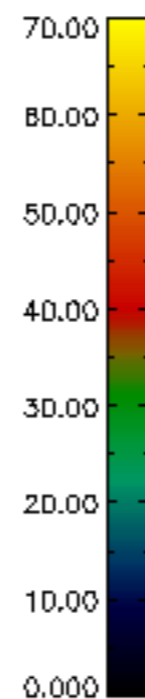
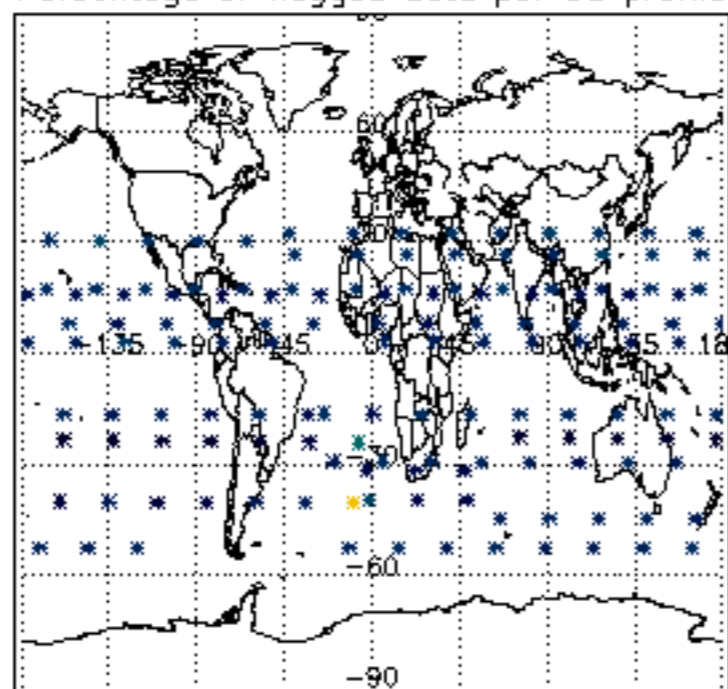
6. Auxiliary Data Files used for the production reported in section 2

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

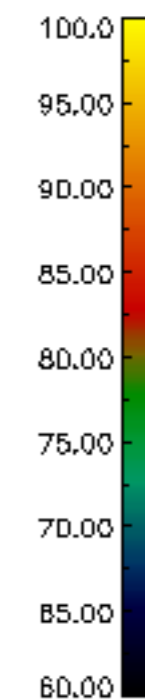
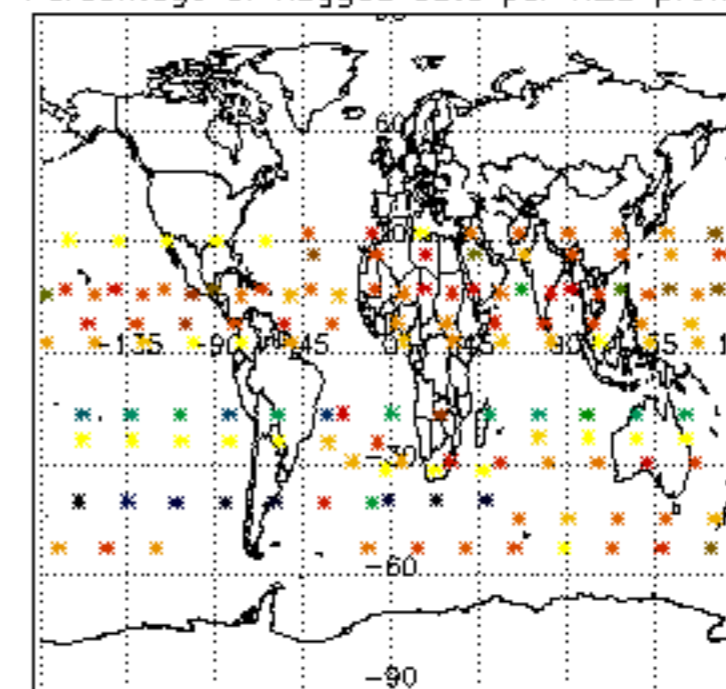
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXNIEC20050627_150440_20020301_000000_20100101_000000	1	07-FEB-2003 00:00:27
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	07-FEB-2003 00:00:27
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	07-FEB-2003 00:00:27



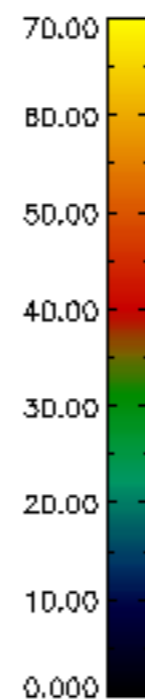
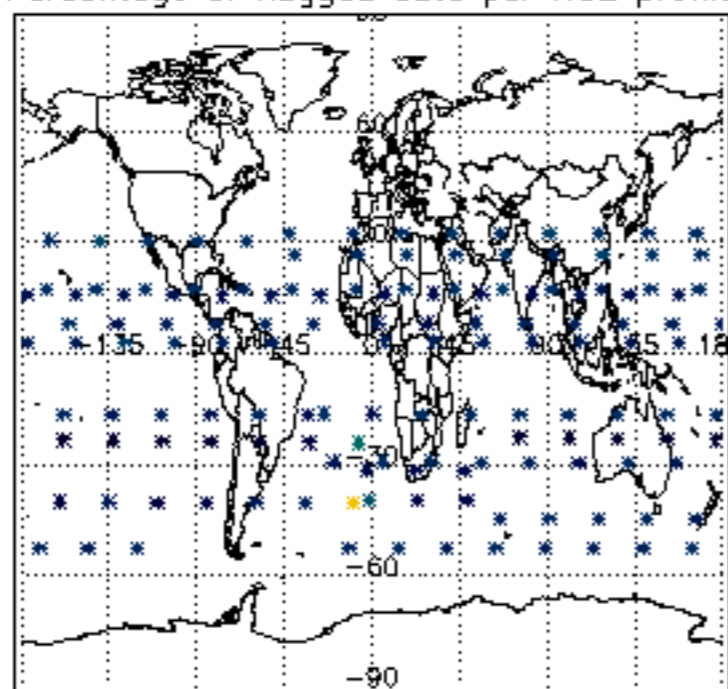
Percentage of flagged data per D3 profile



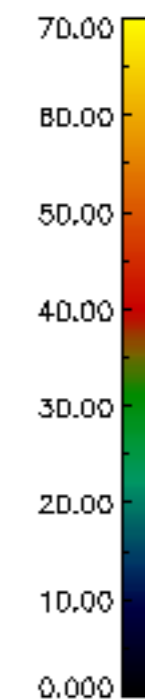
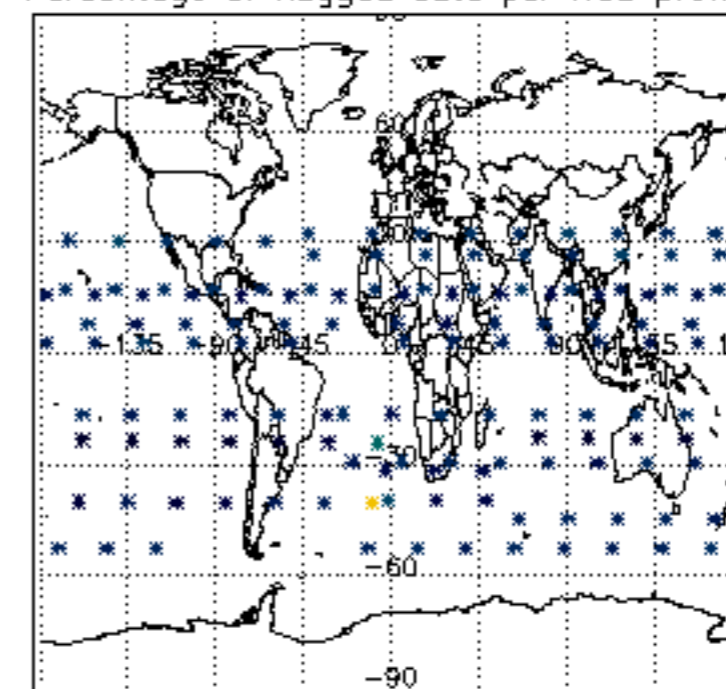
Percentage of flagged data per H2O profile

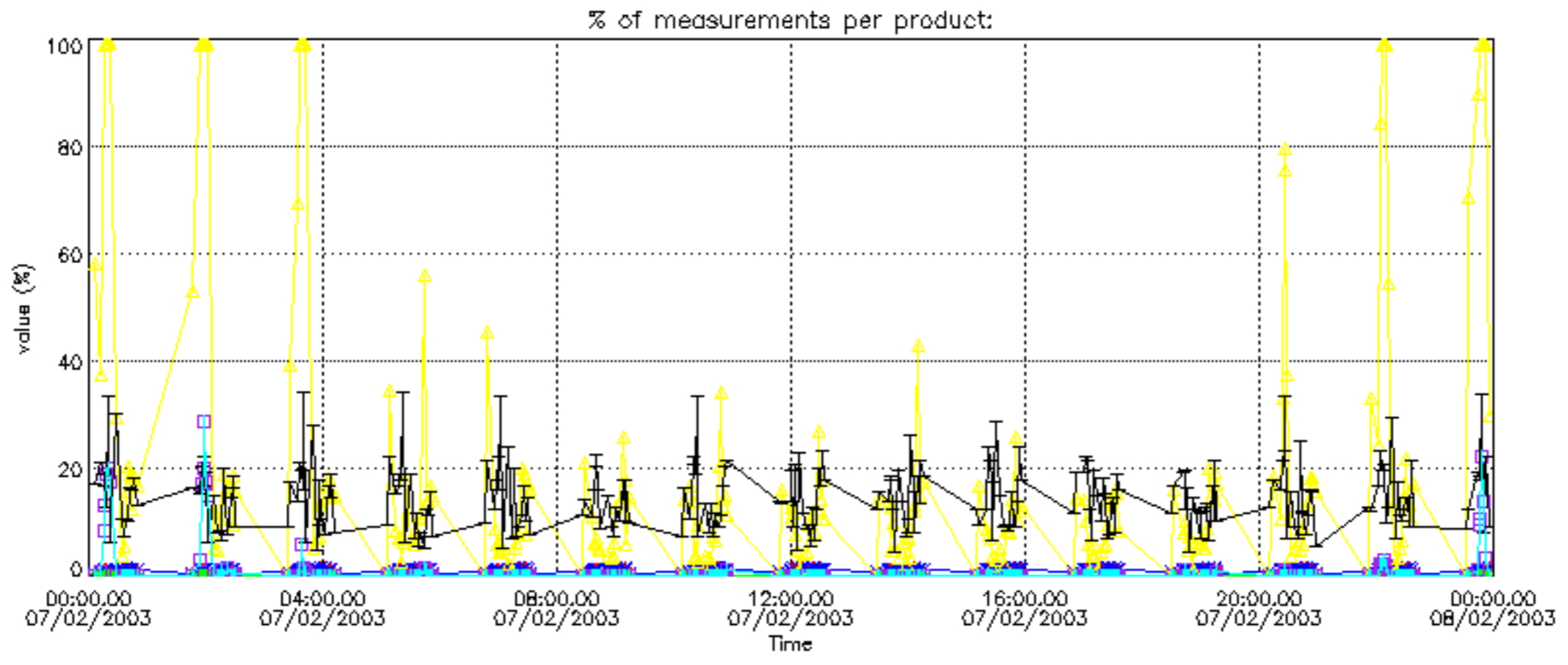


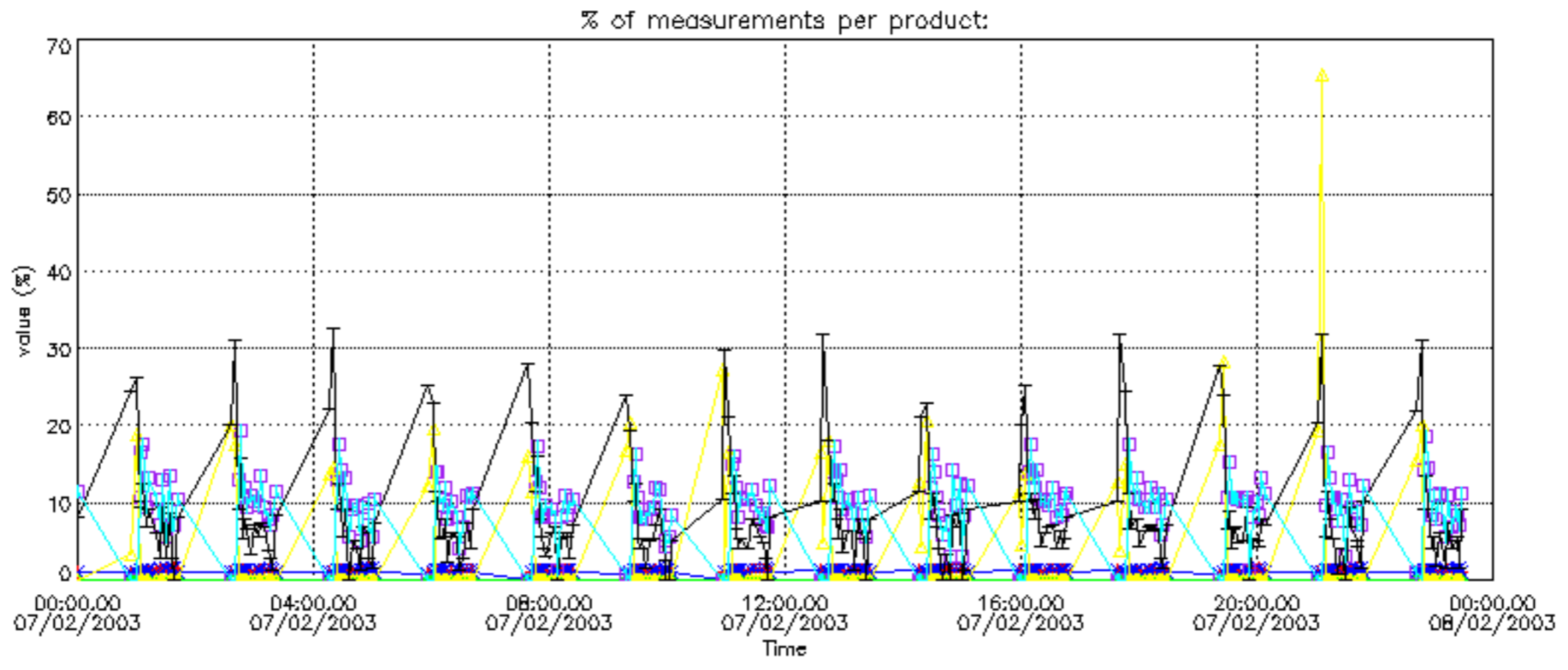
Percentage of flagged data per NO2 profile



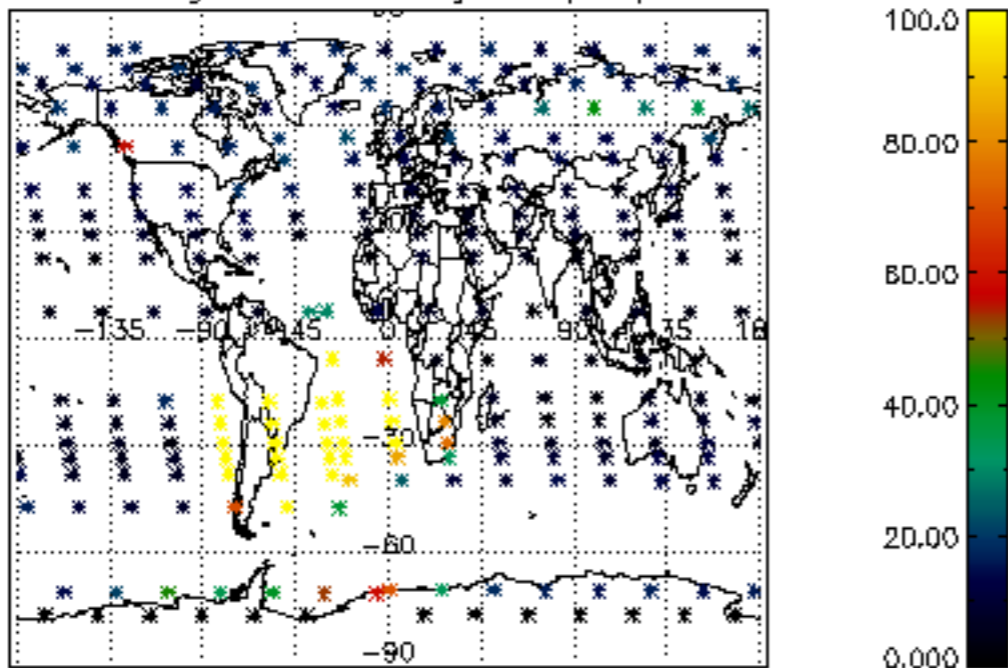
Percentage of flagged data per NO3 profile



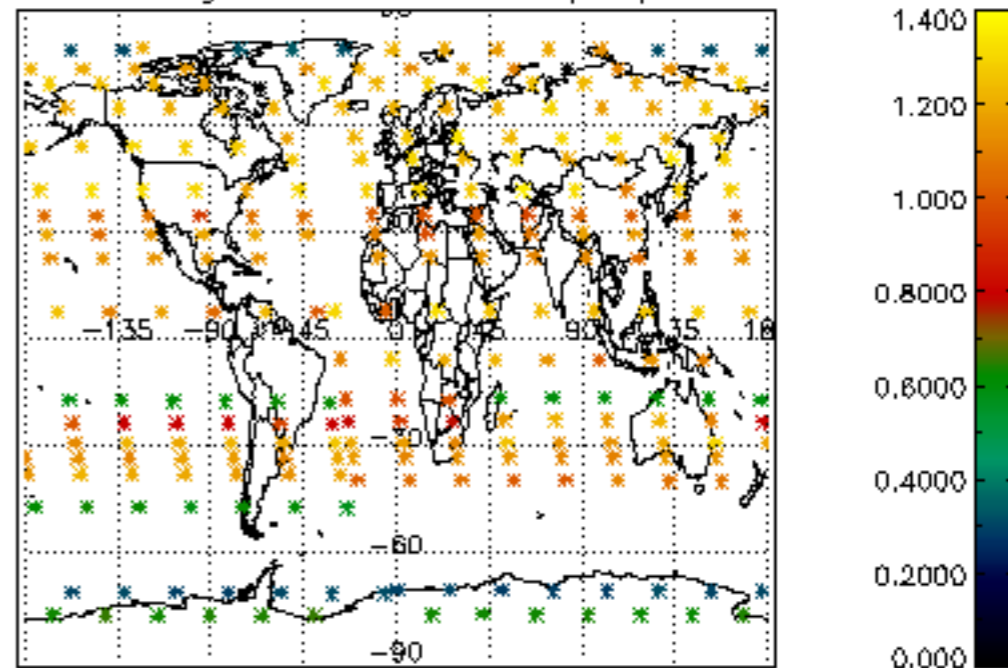




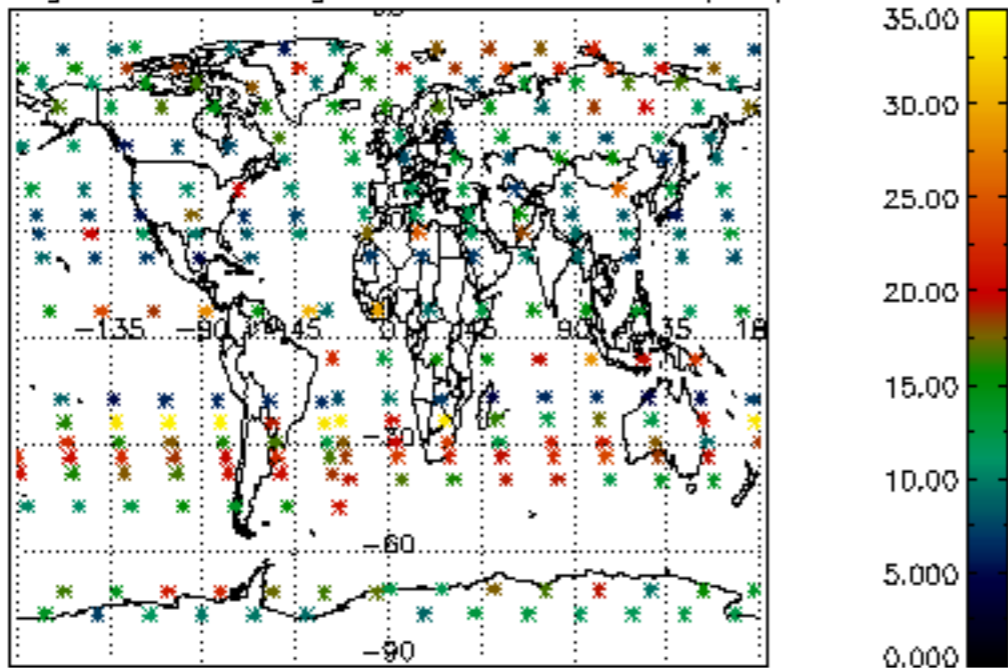
Percentage of cosmic ray hits per profile



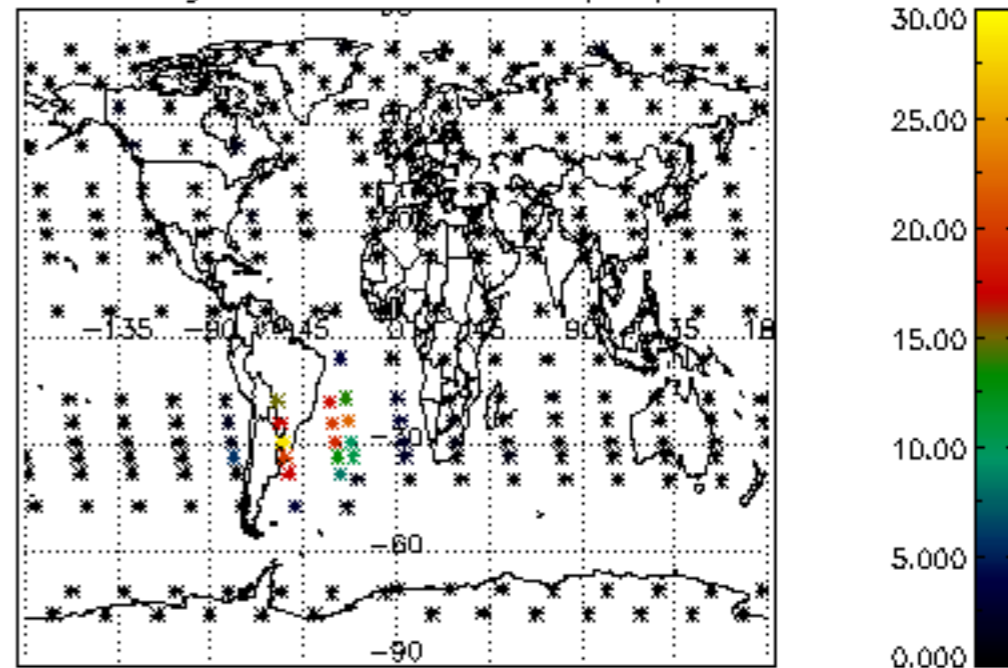
Percentage of datation errors per profile



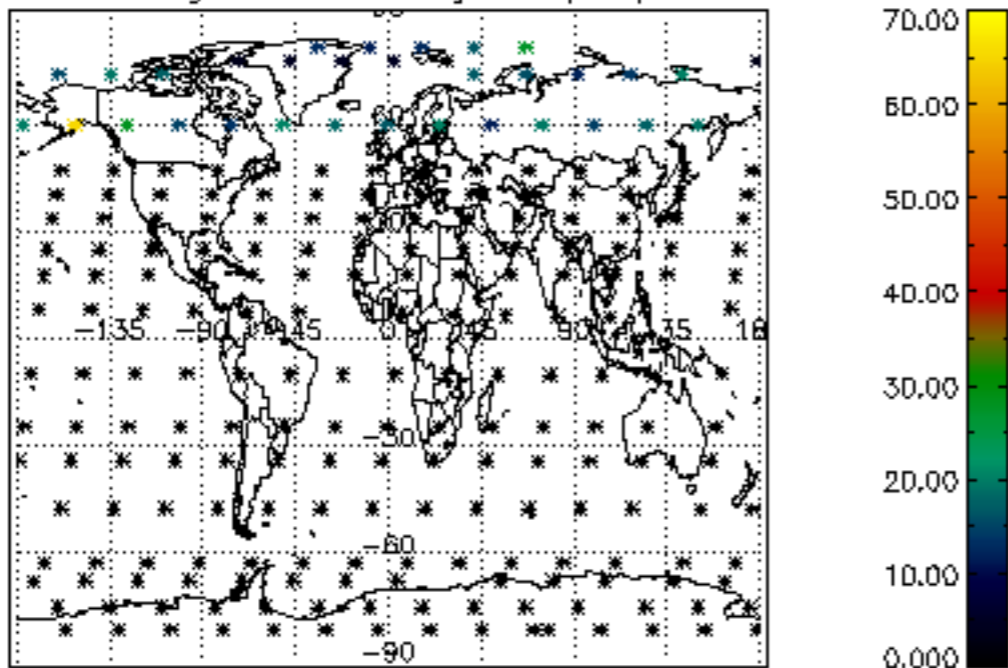
Percentage of star falling outside central band per profile



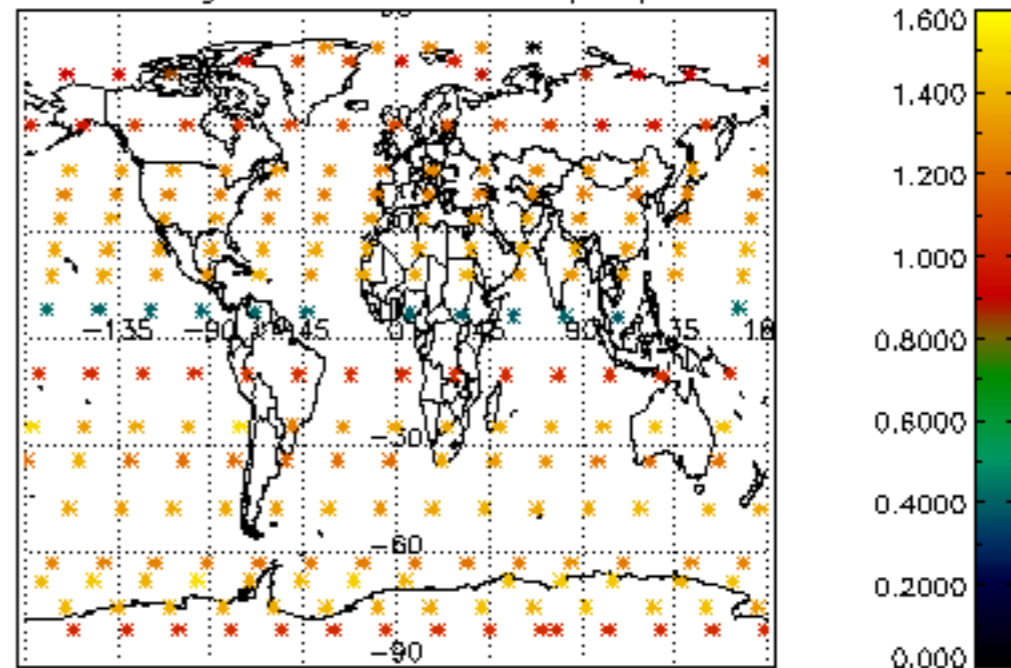
Percentage of saturation errors per profile



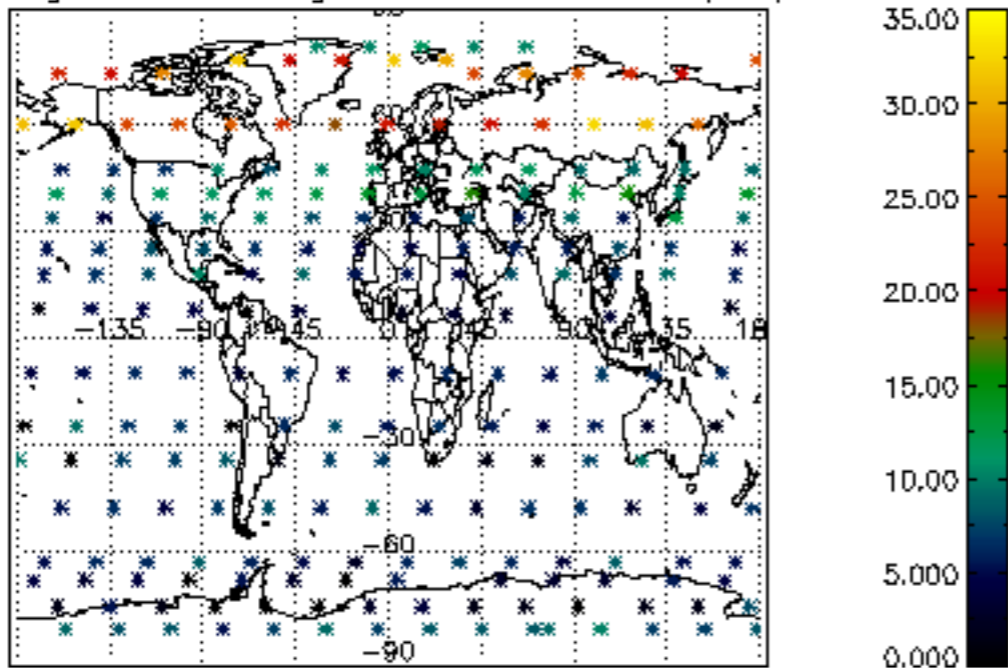
Percentage of cosmic ray hits per profile



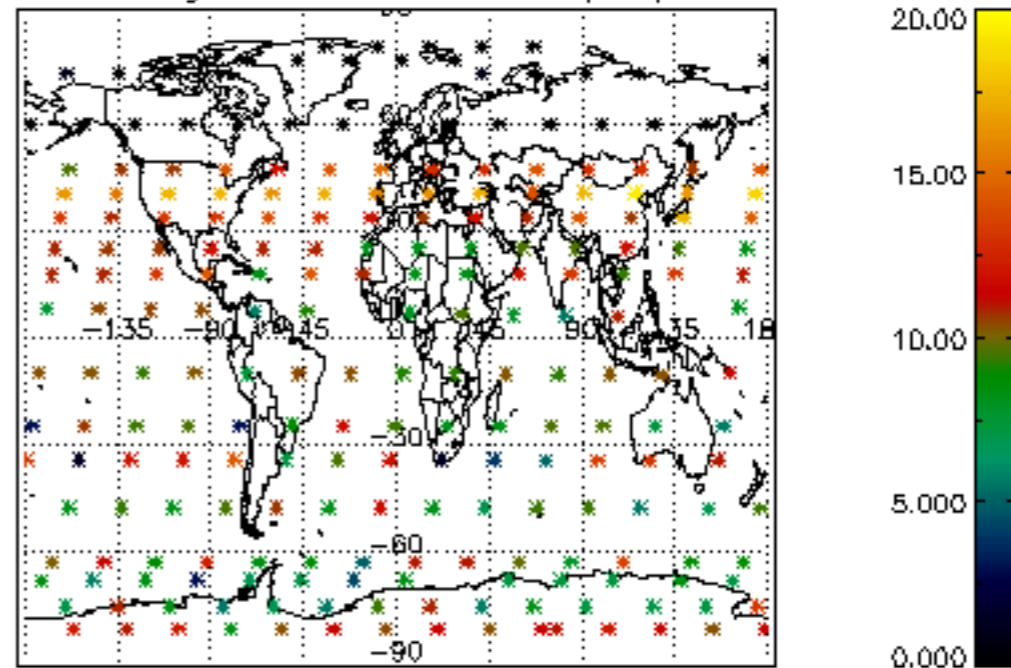
Percentage of datation errors per profile

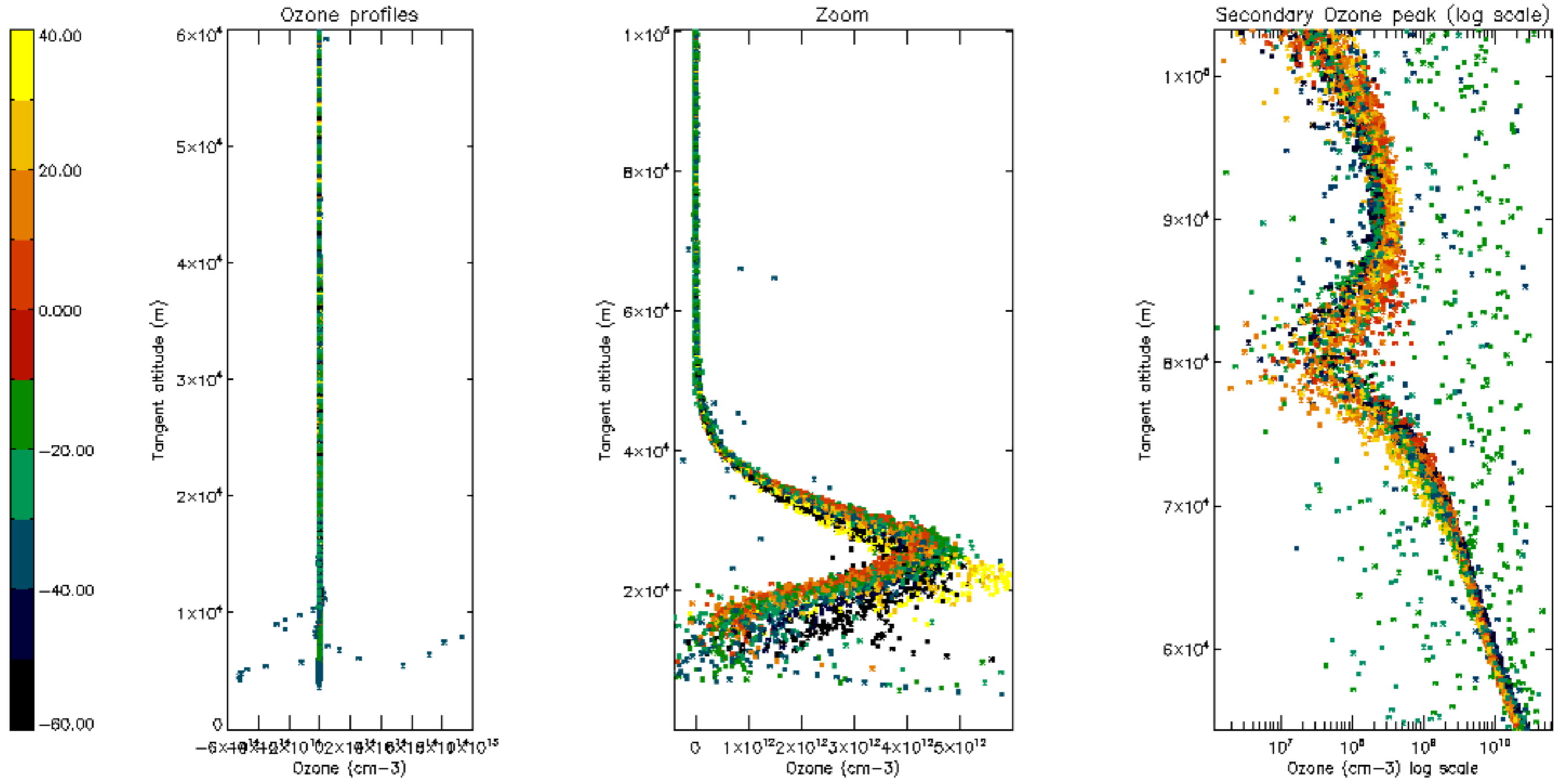


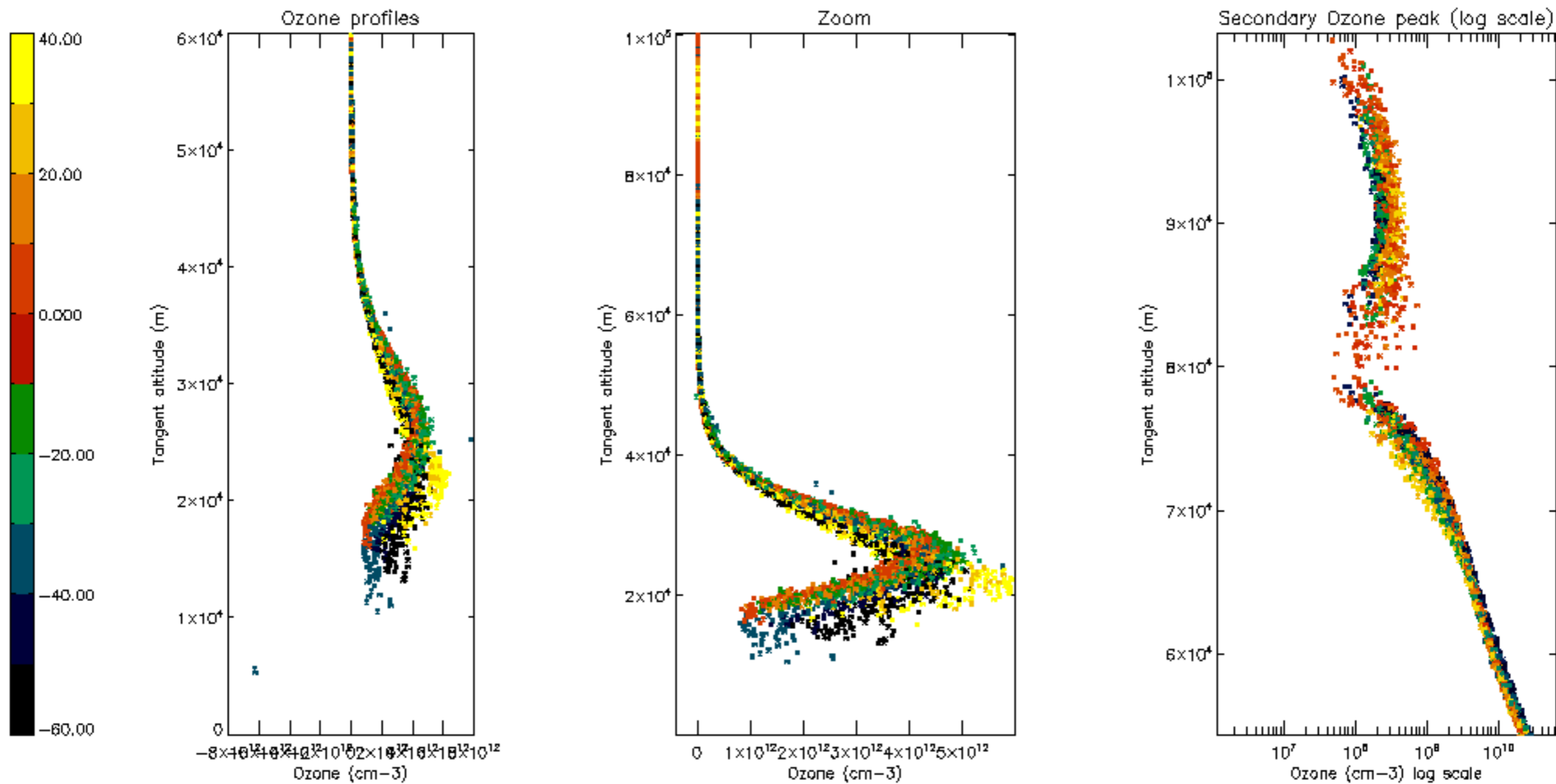
Percentage of star falling outside central band per profile

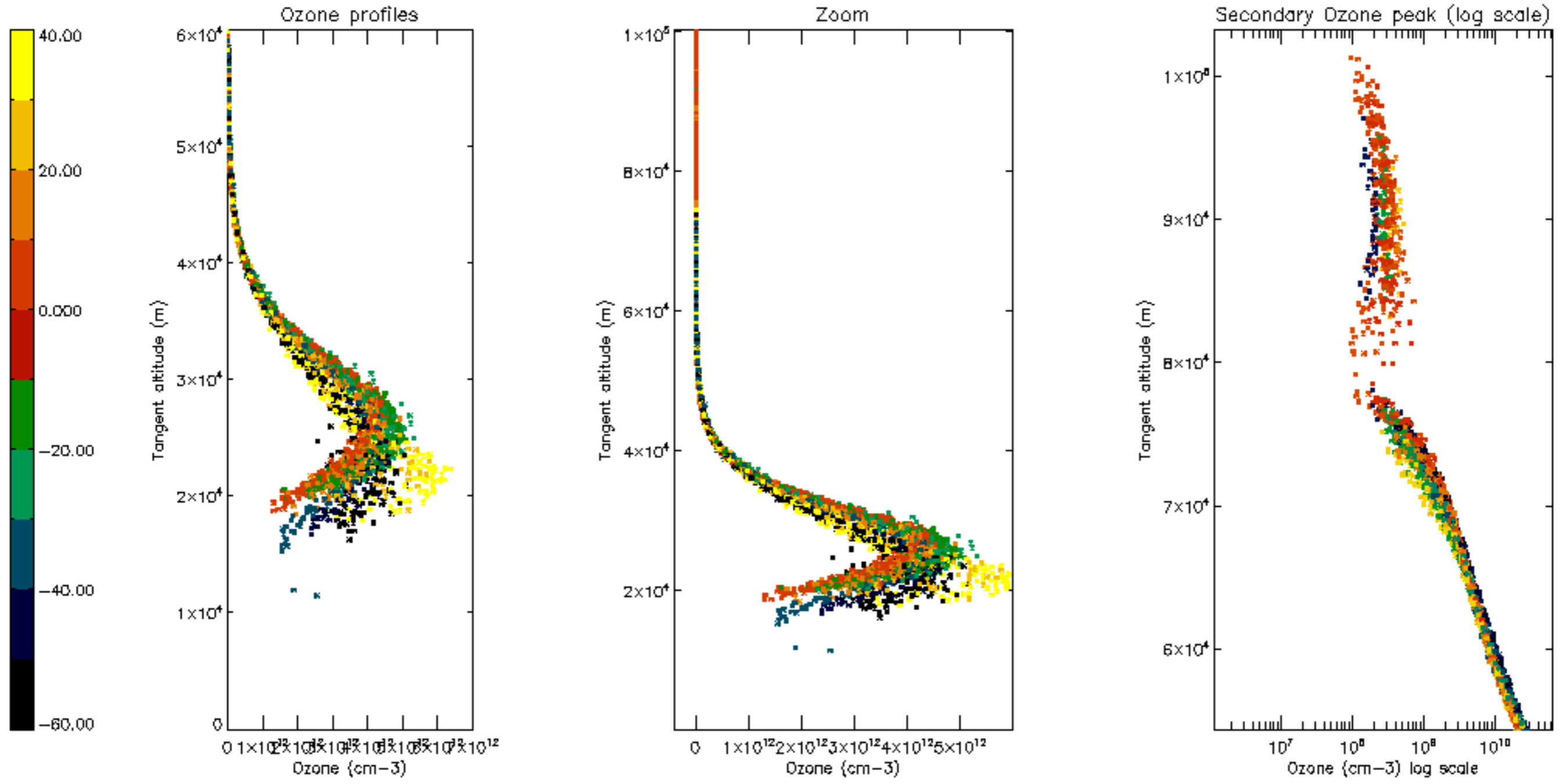


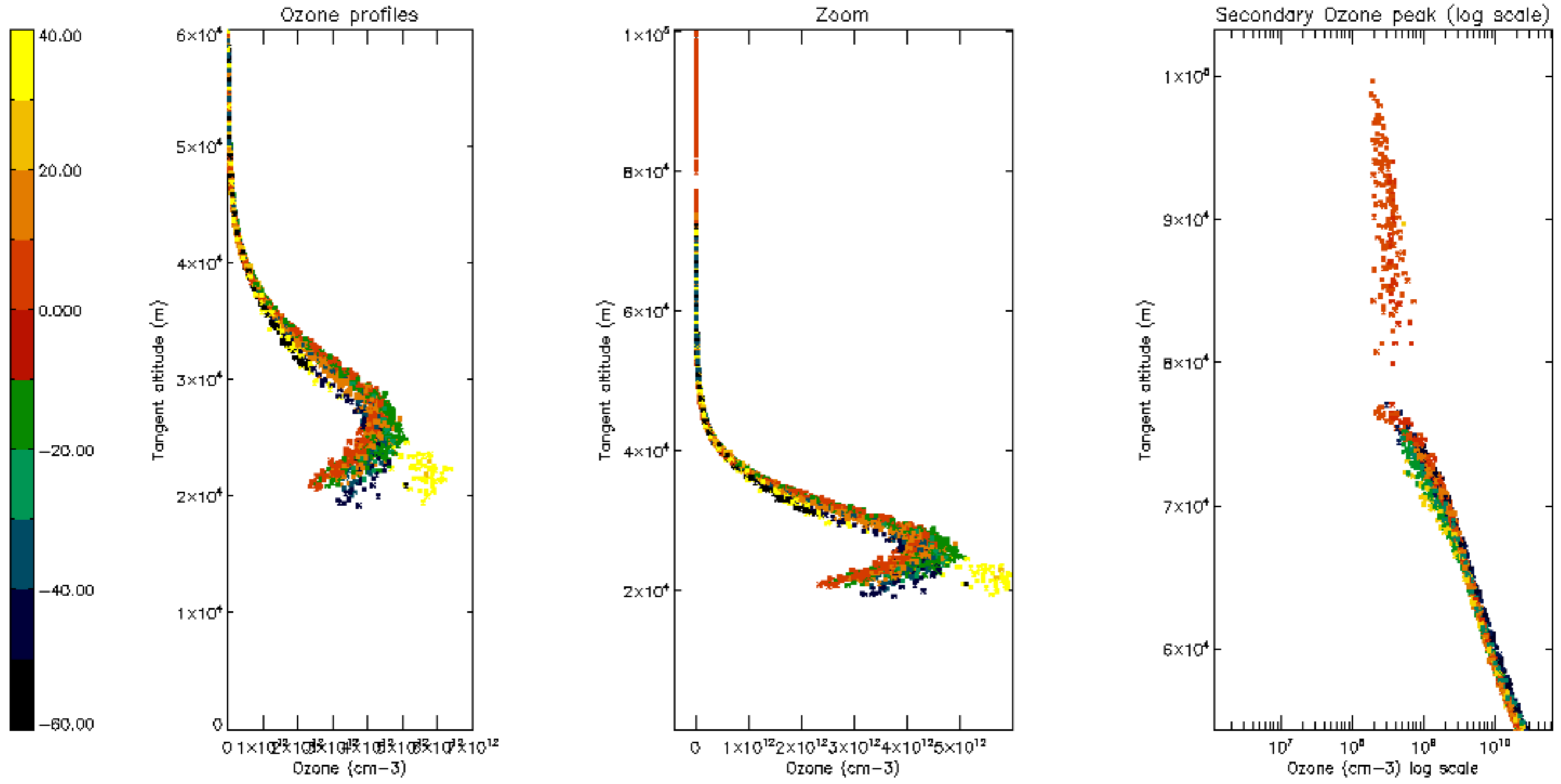
Percentage of saturation errors per profile

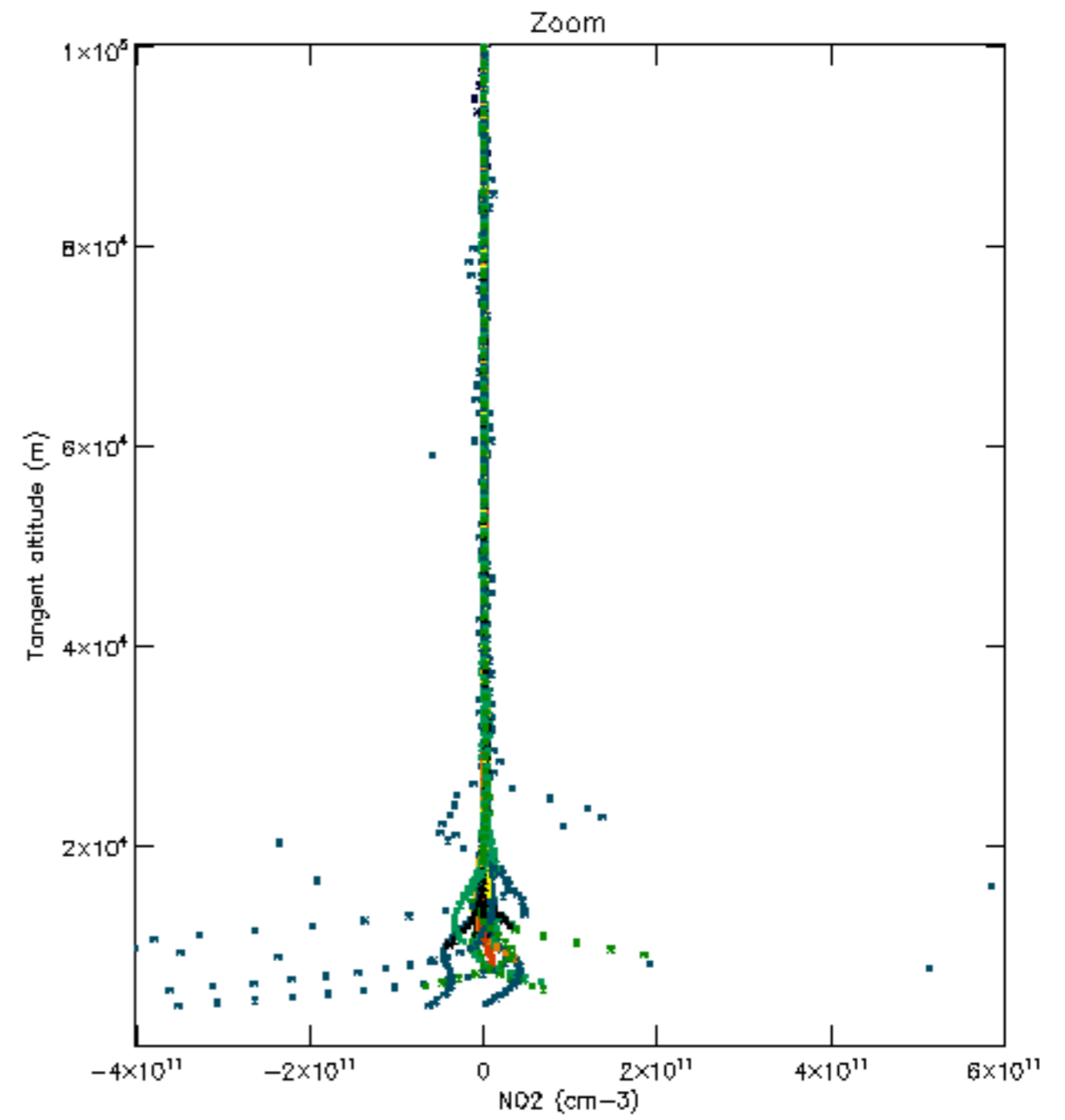
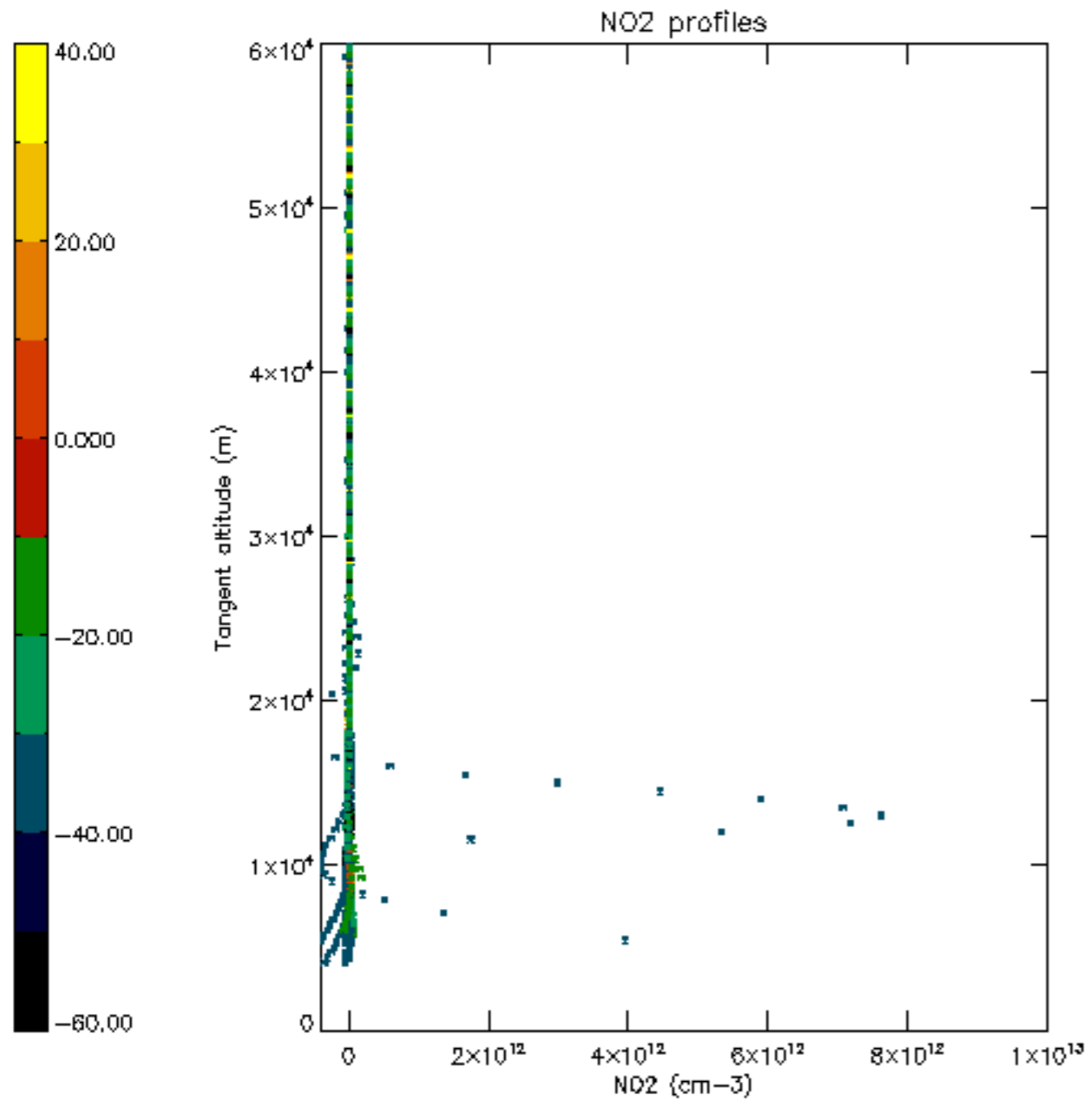


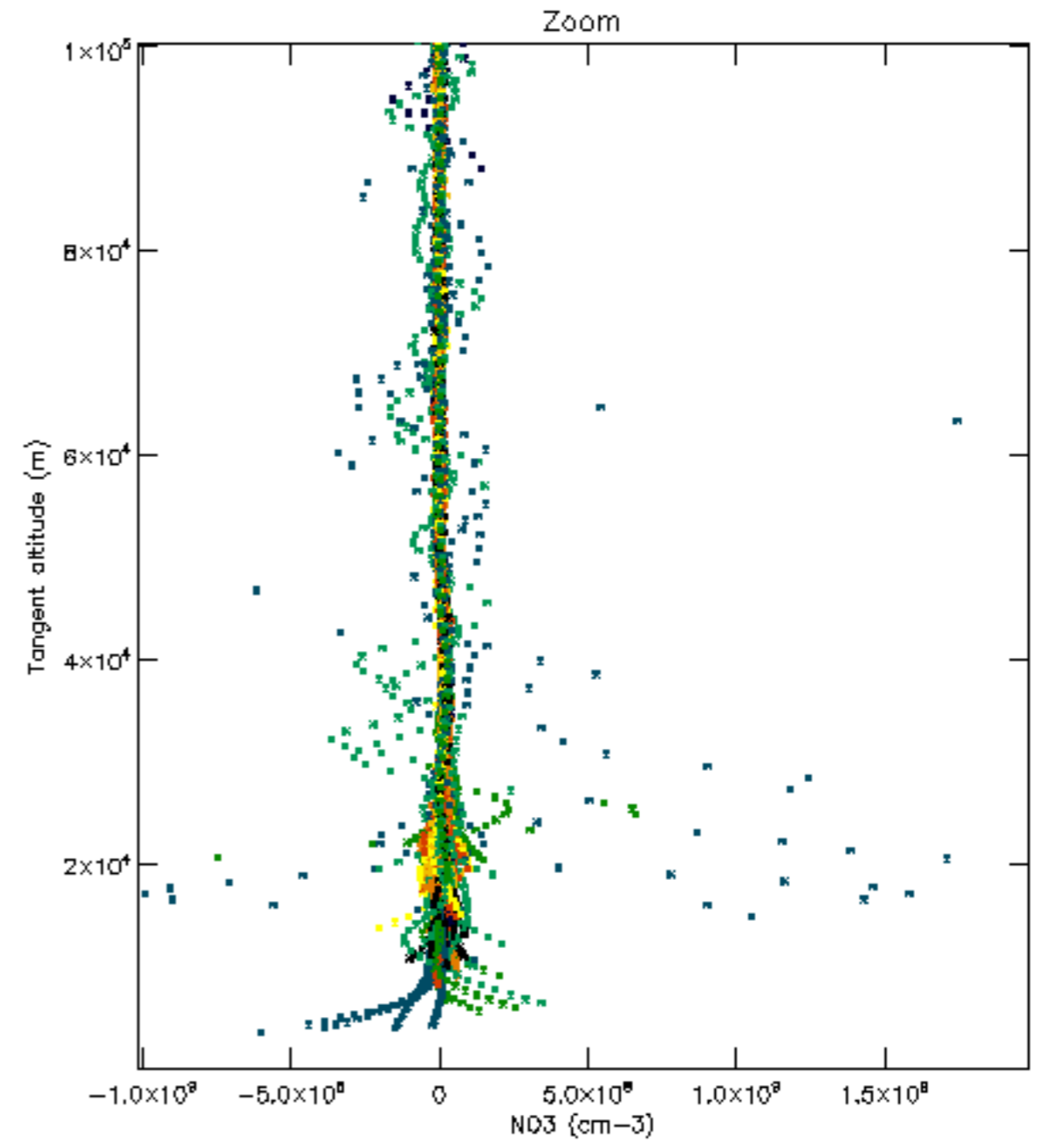
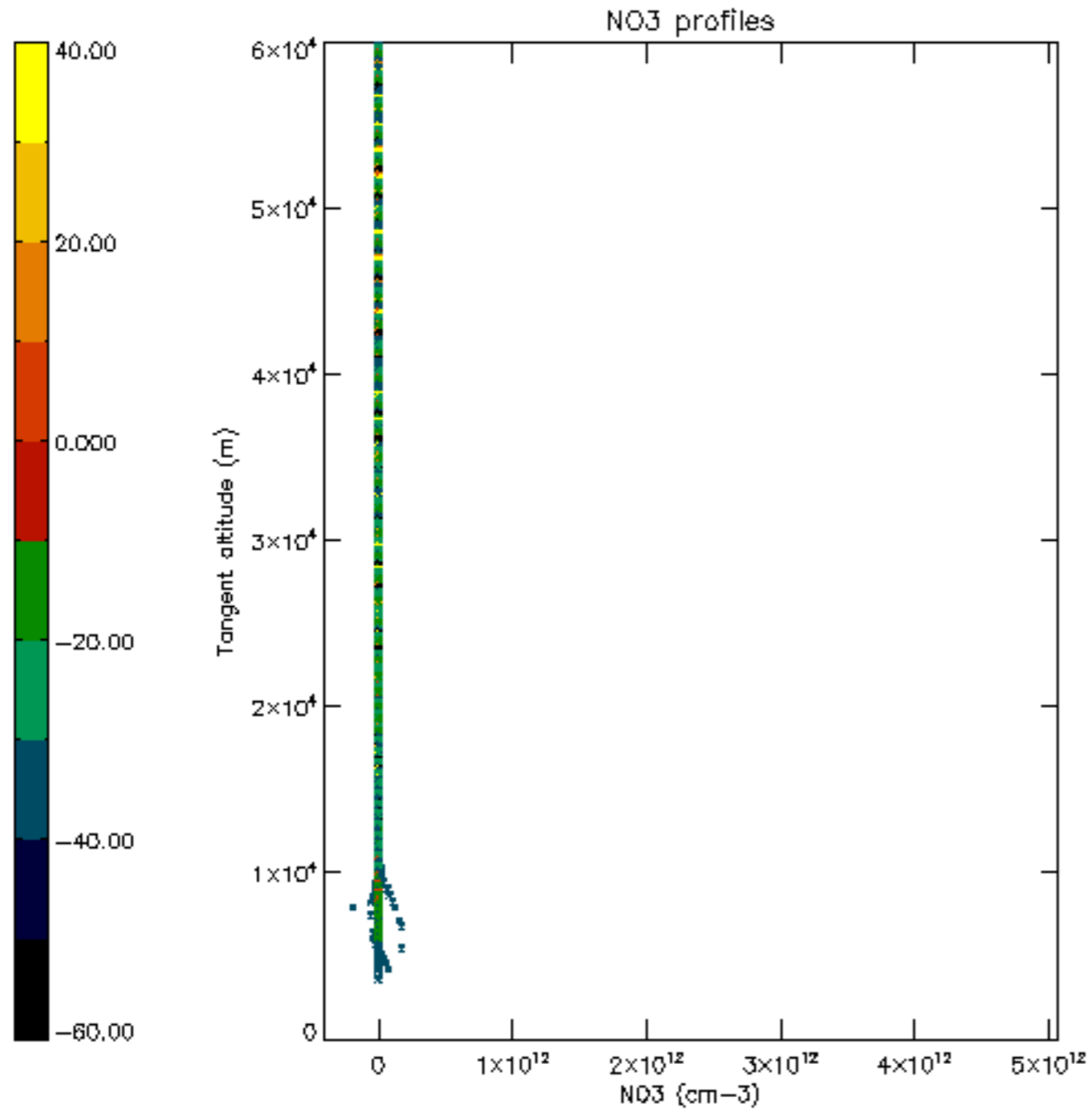


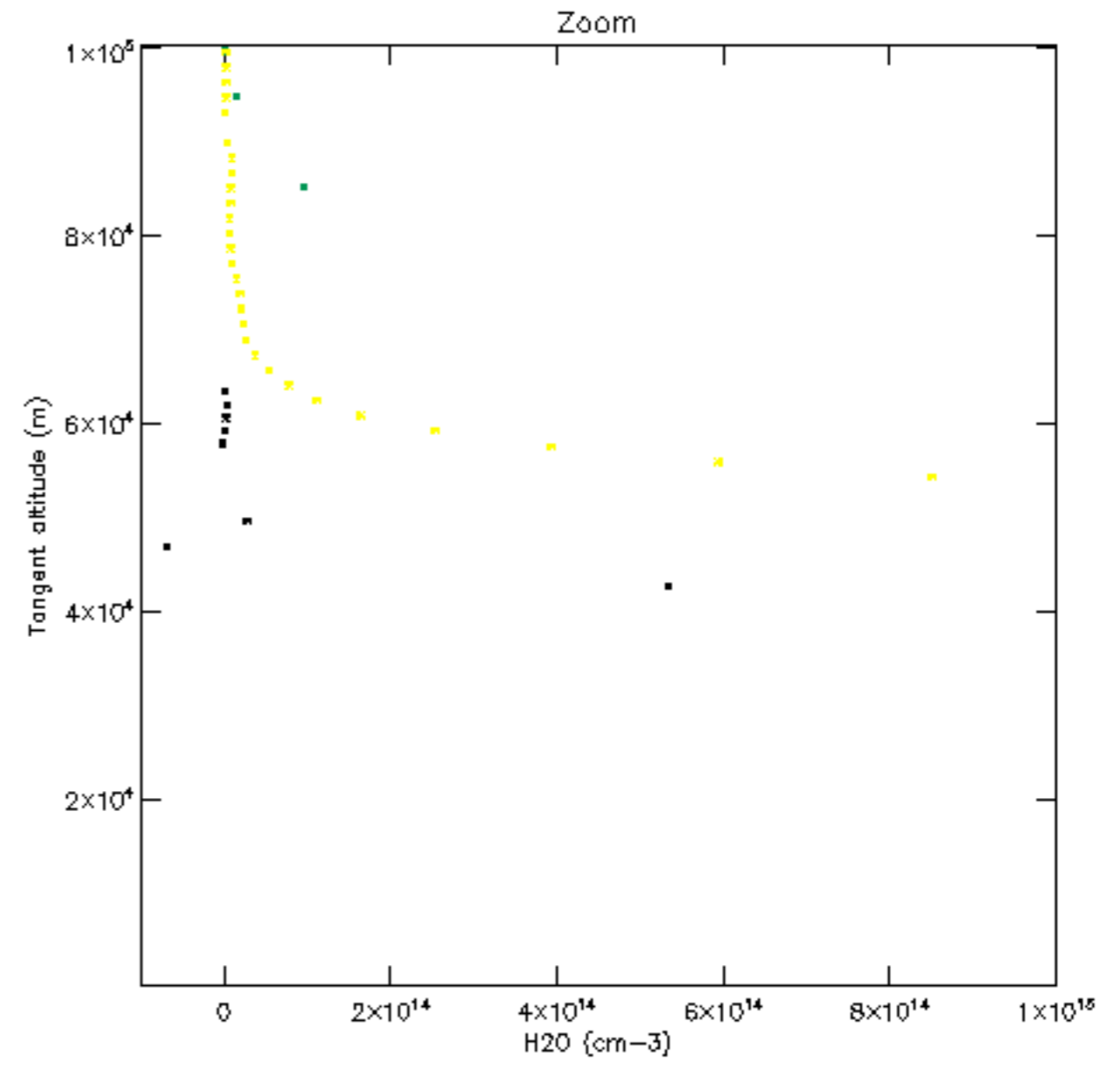
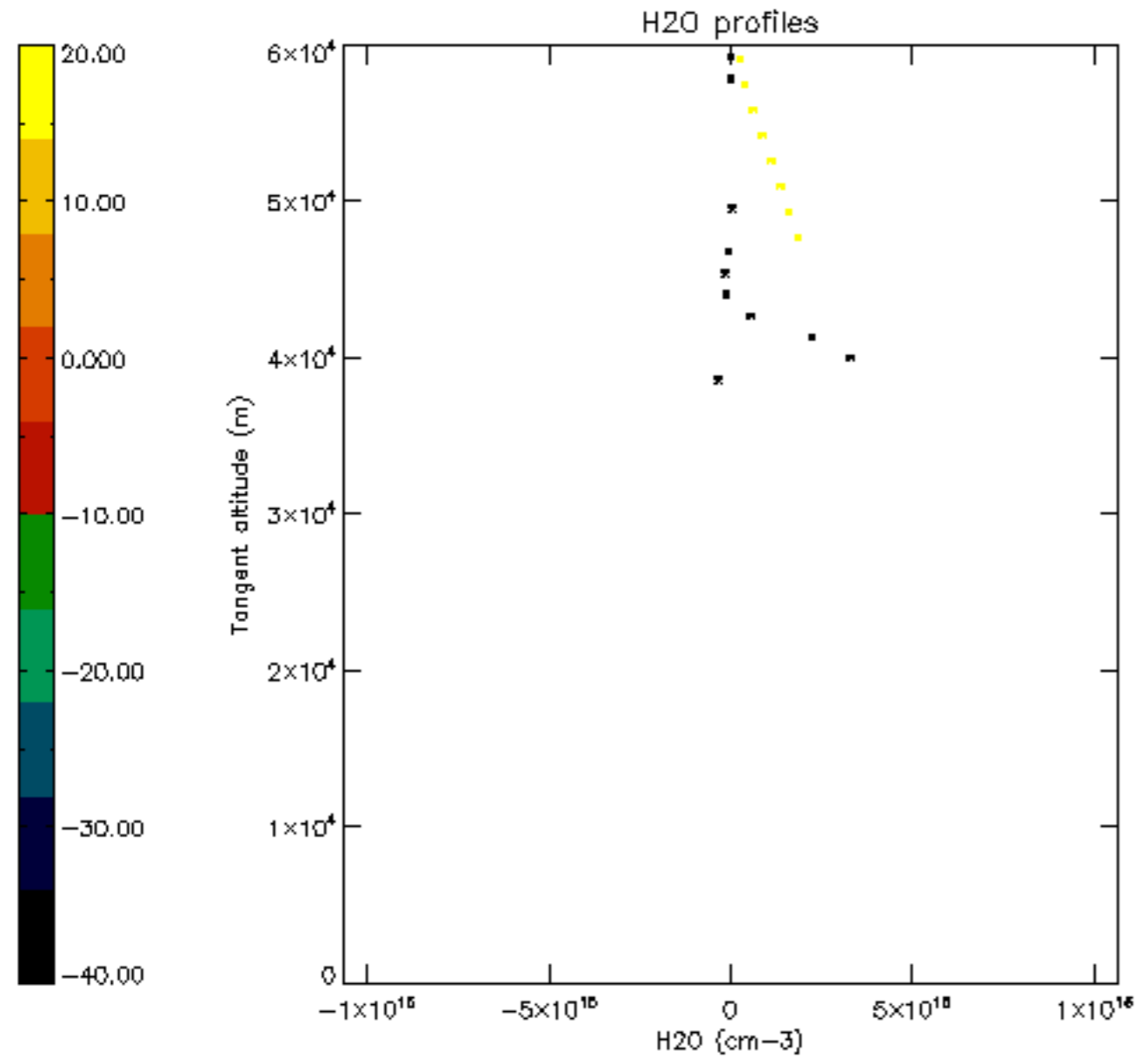


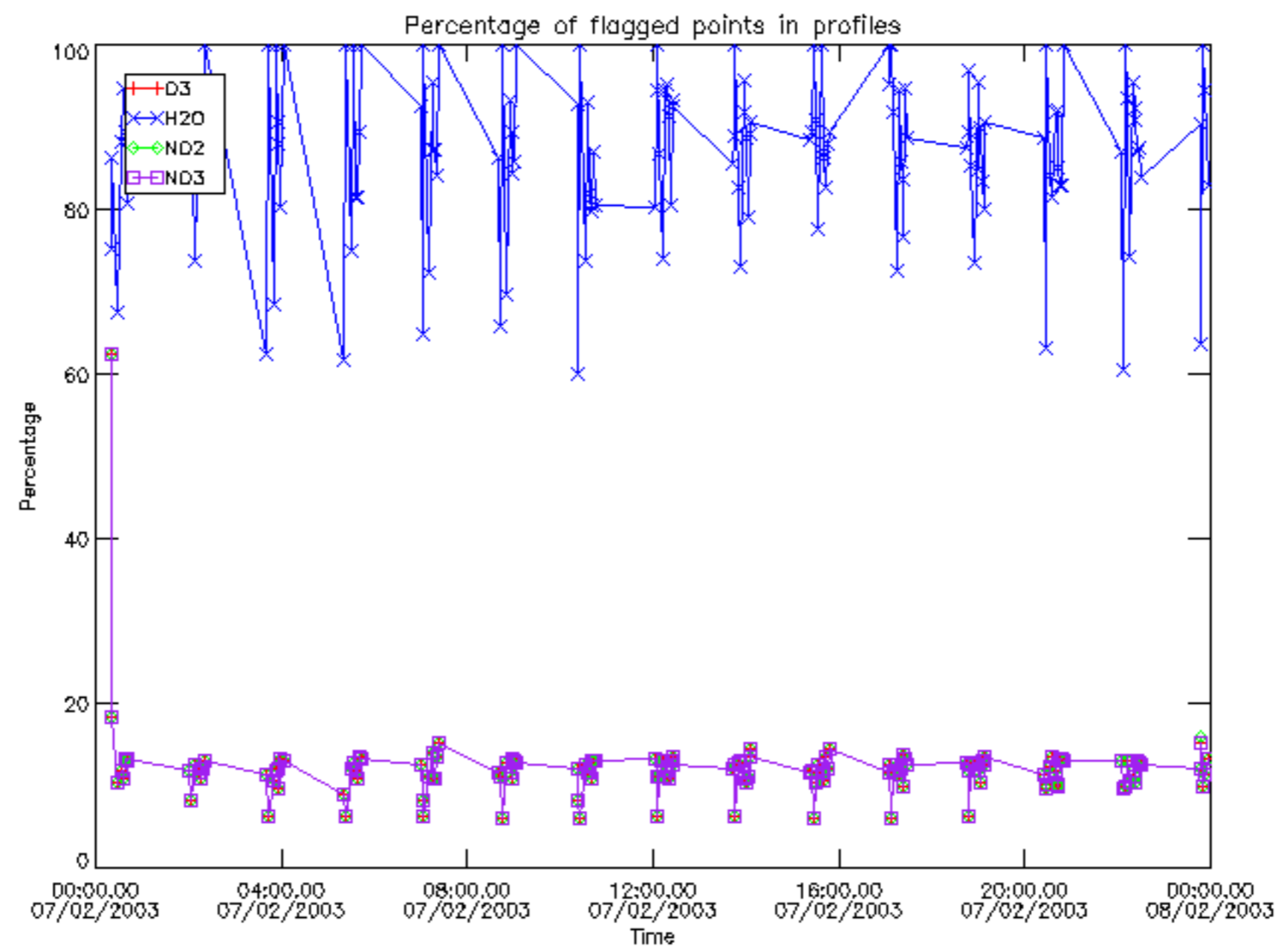




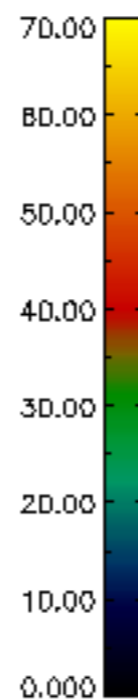
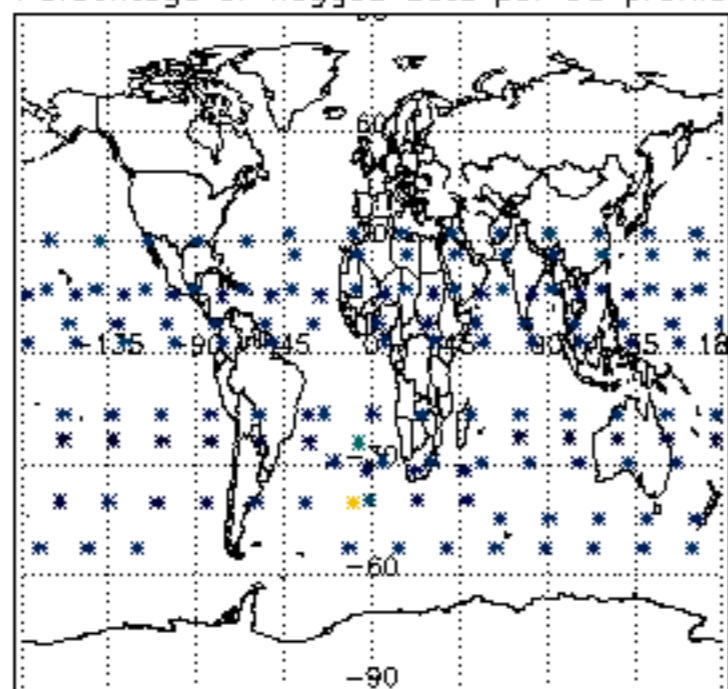




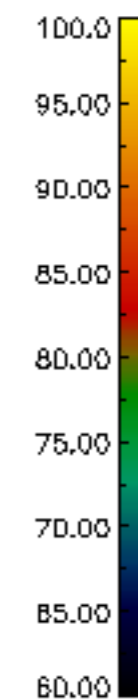
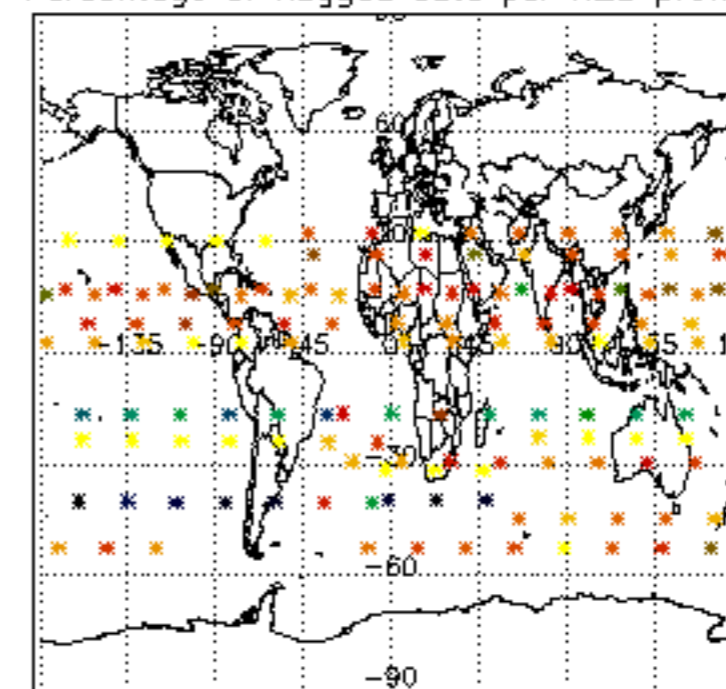




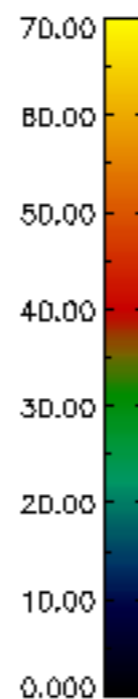
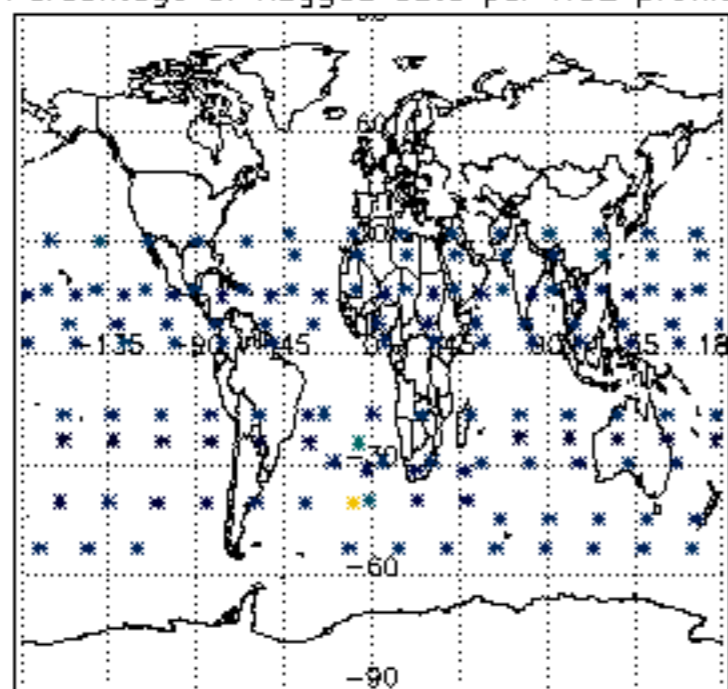
Percentage of flagged data per D3 profile



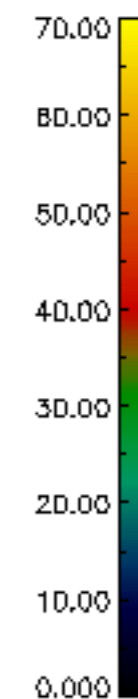
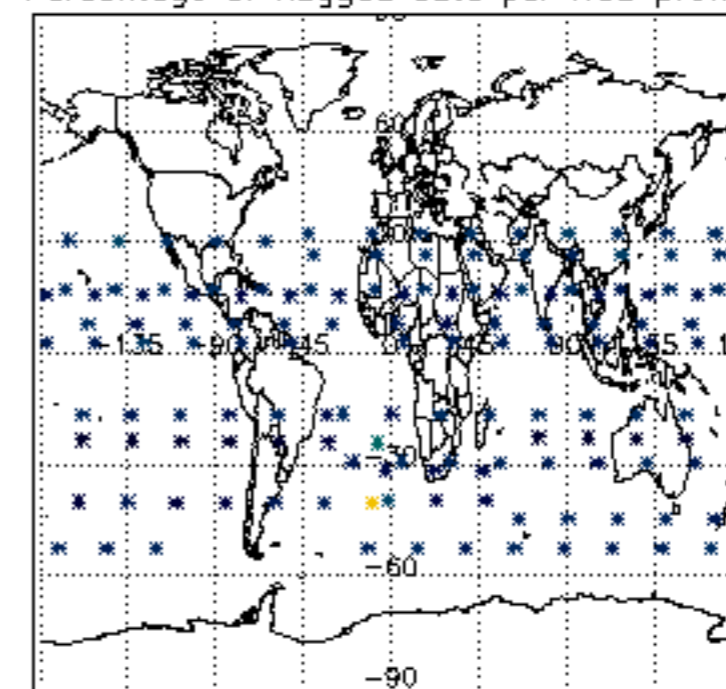
Percentage of flagged data per H2O profile

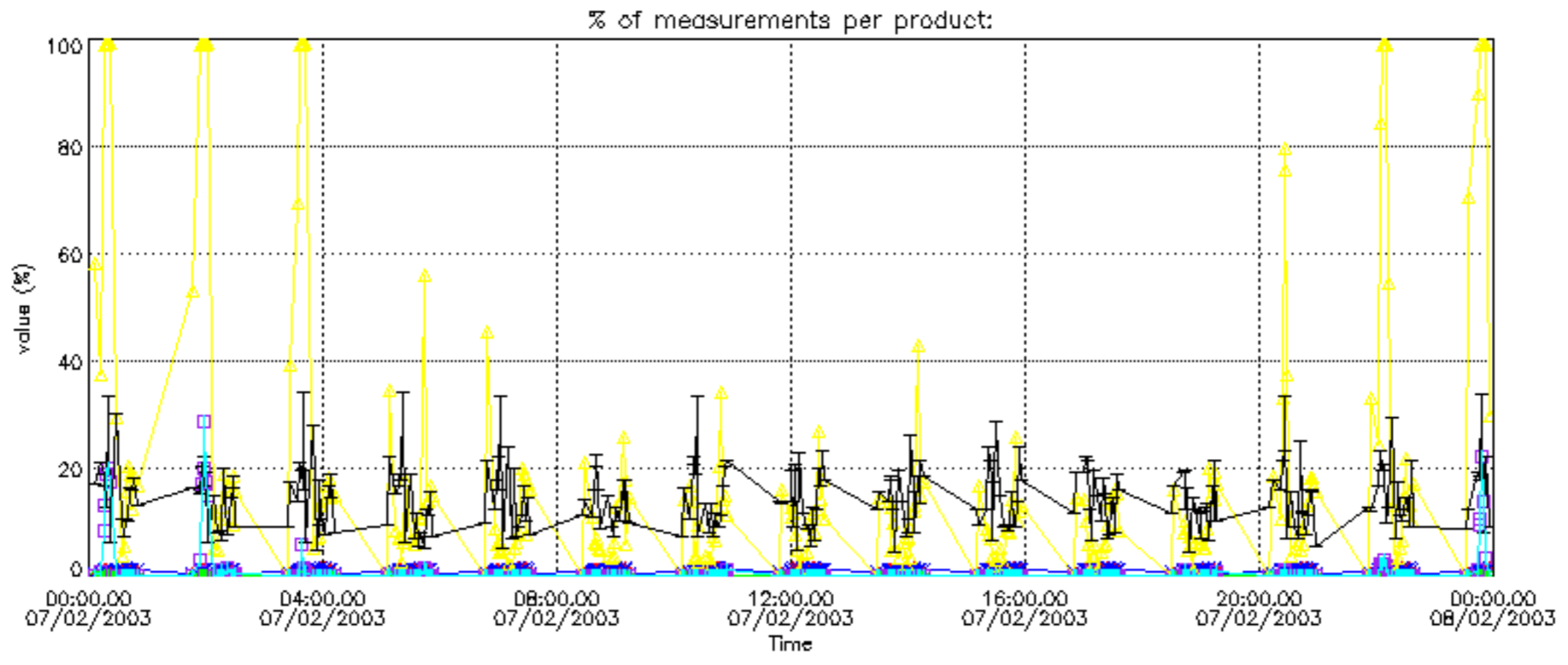


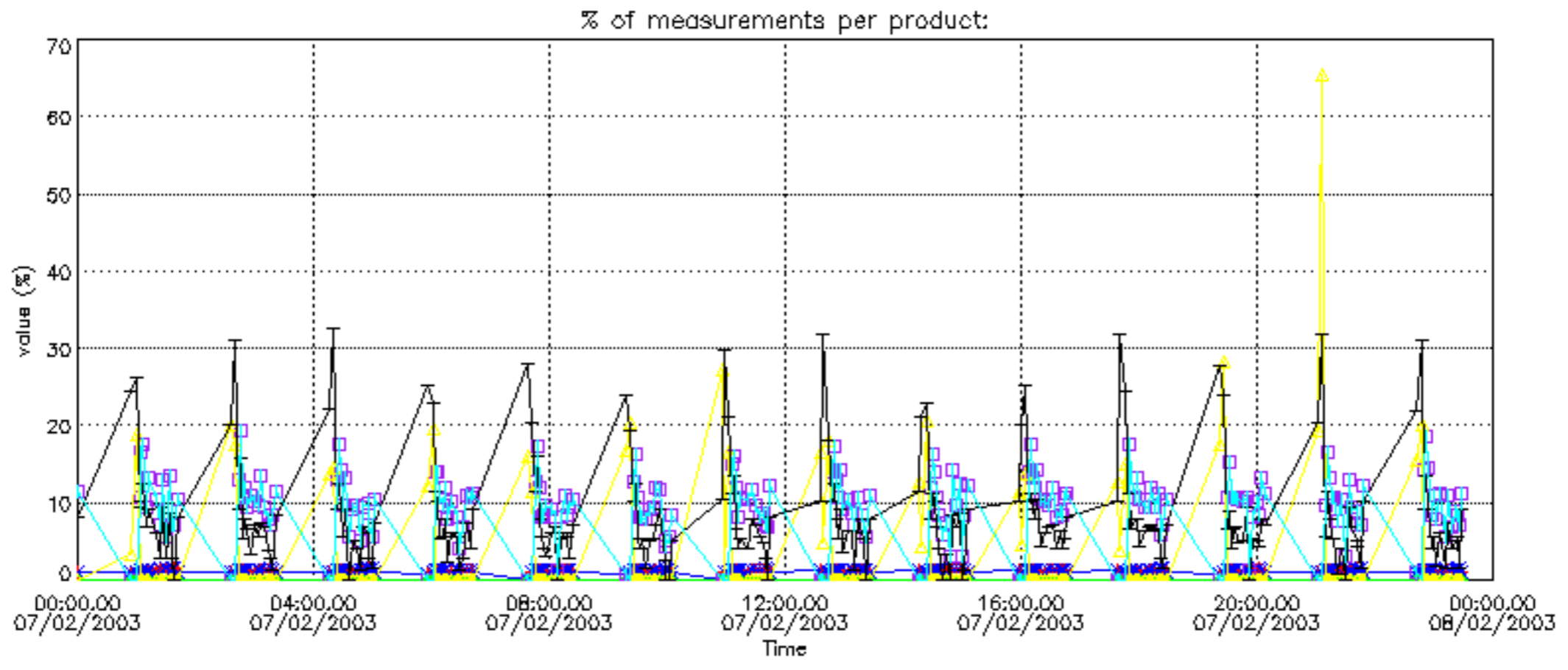
Percentage of flagged data per NO2 profile



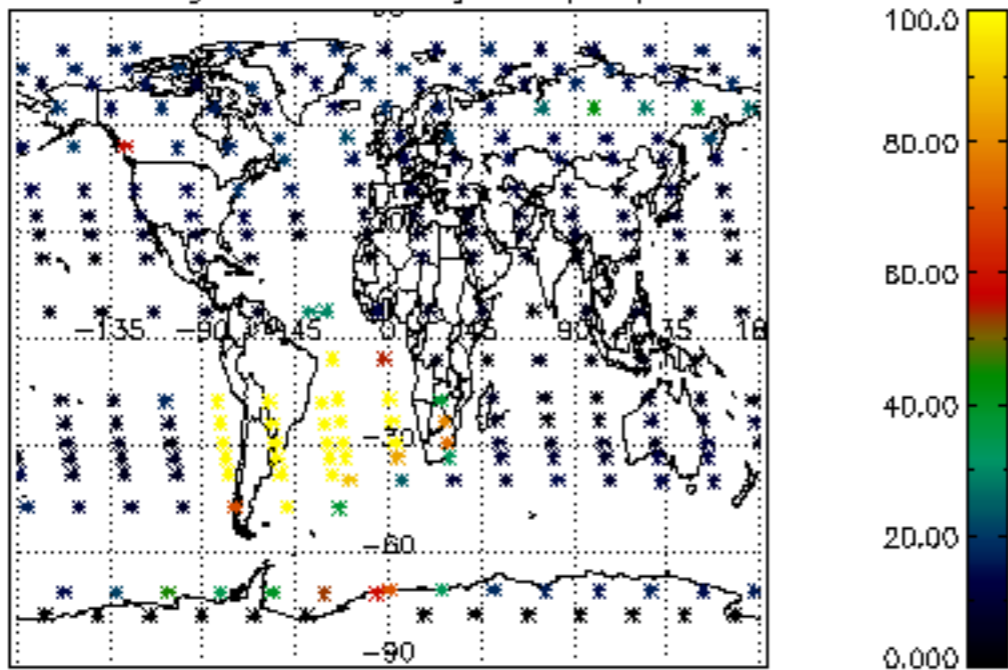
Percentage of flagged data per NO3 profile



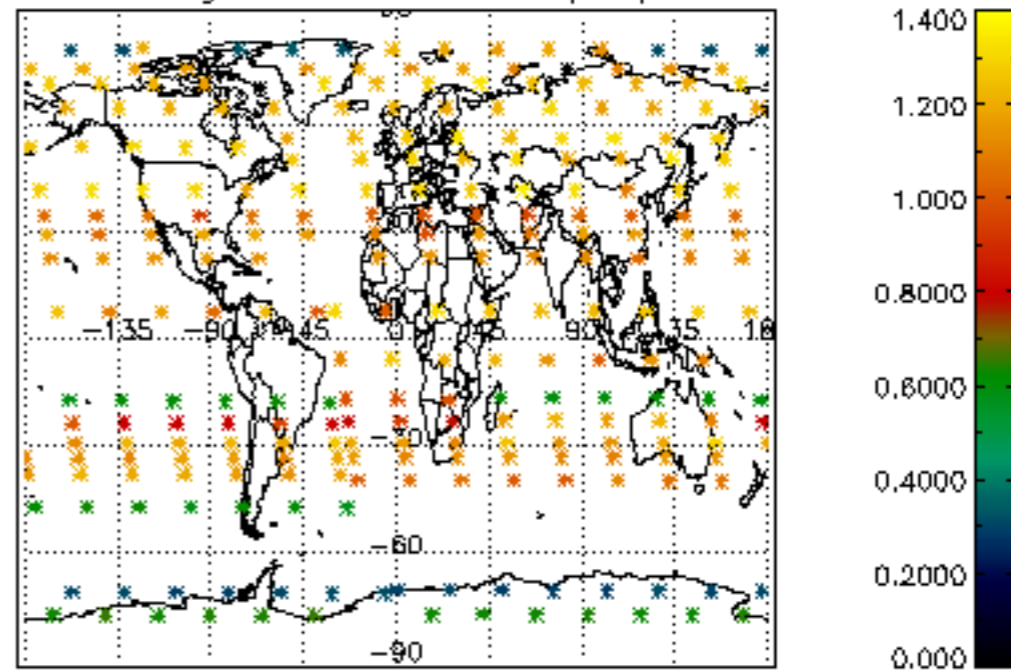




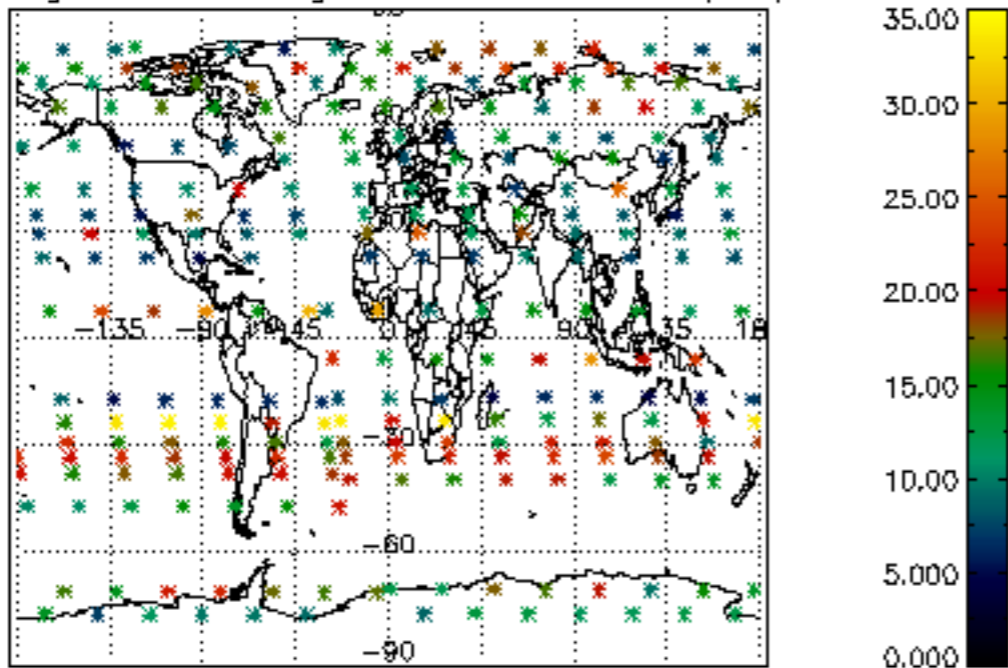
Percentage of cosmic ray hits per profile



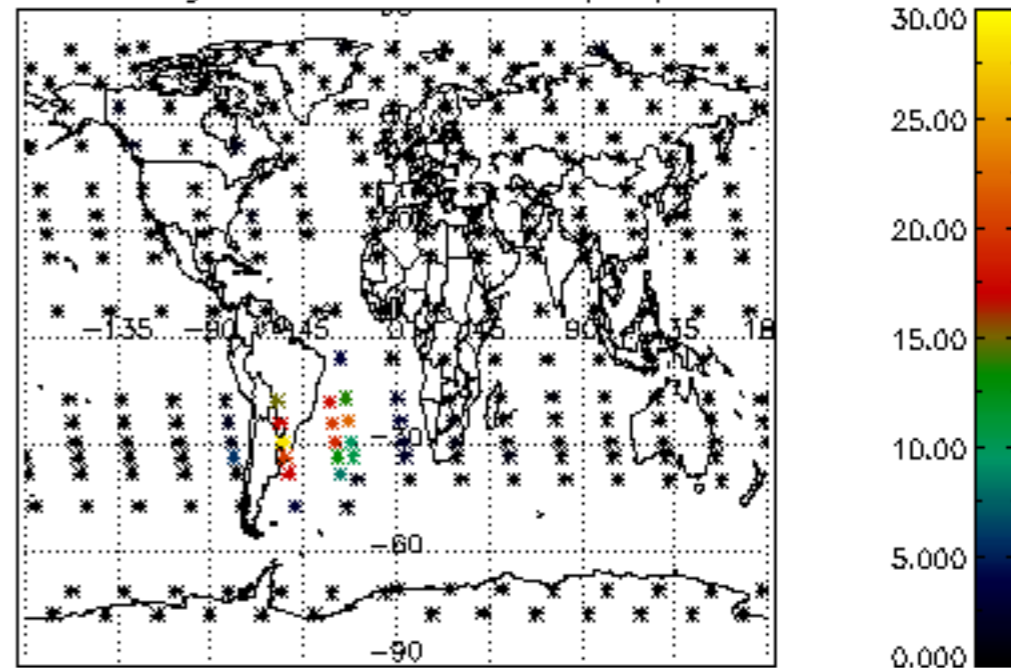
Percentage of datation errors per profile



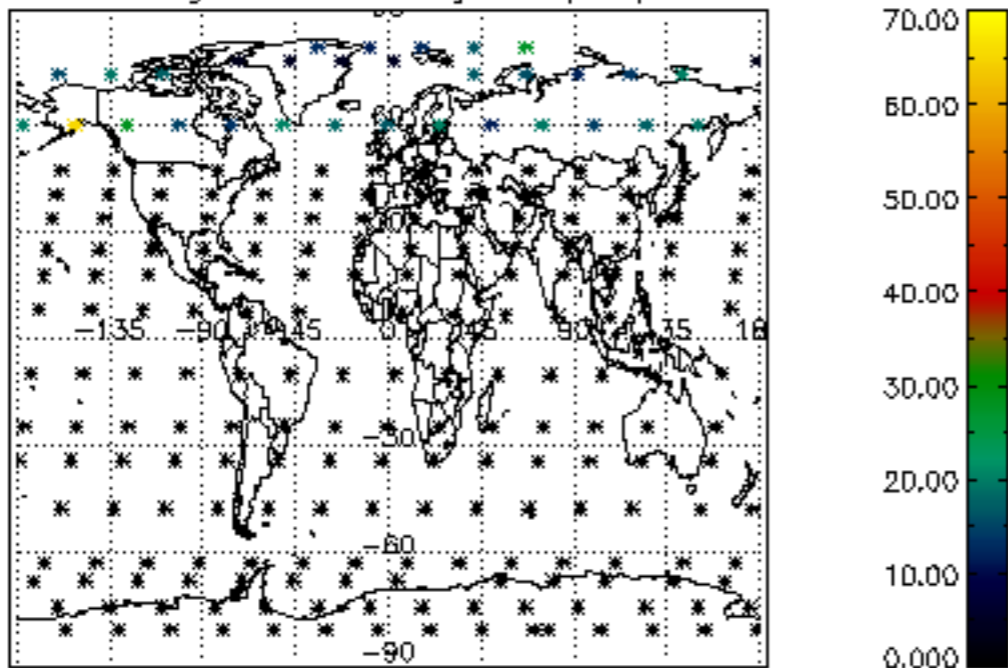
Percentage of star falling outside central band per profile



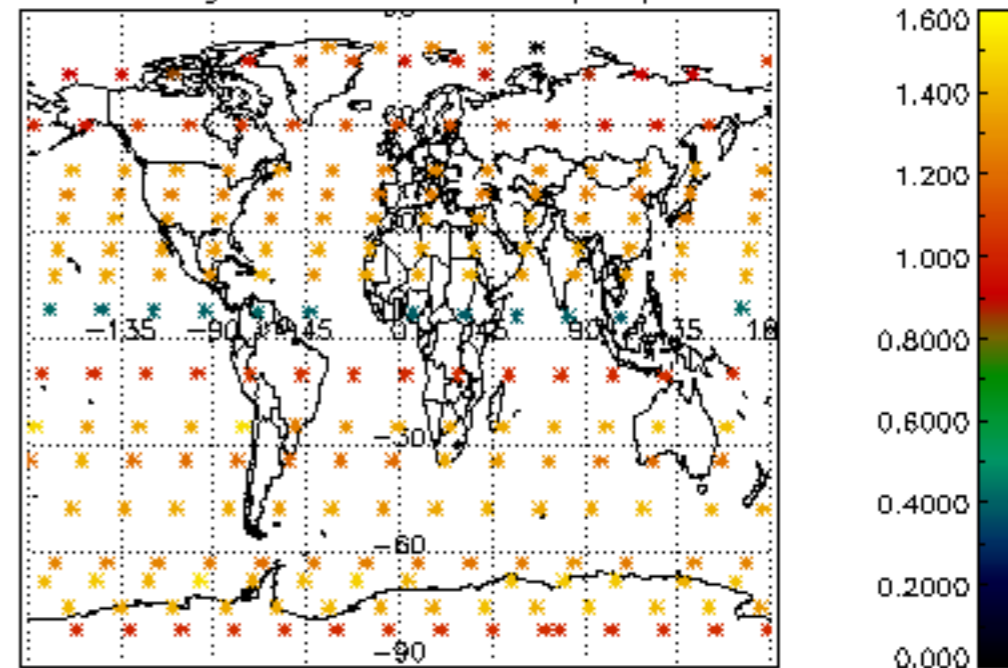
Percentage of saturation errors per profile



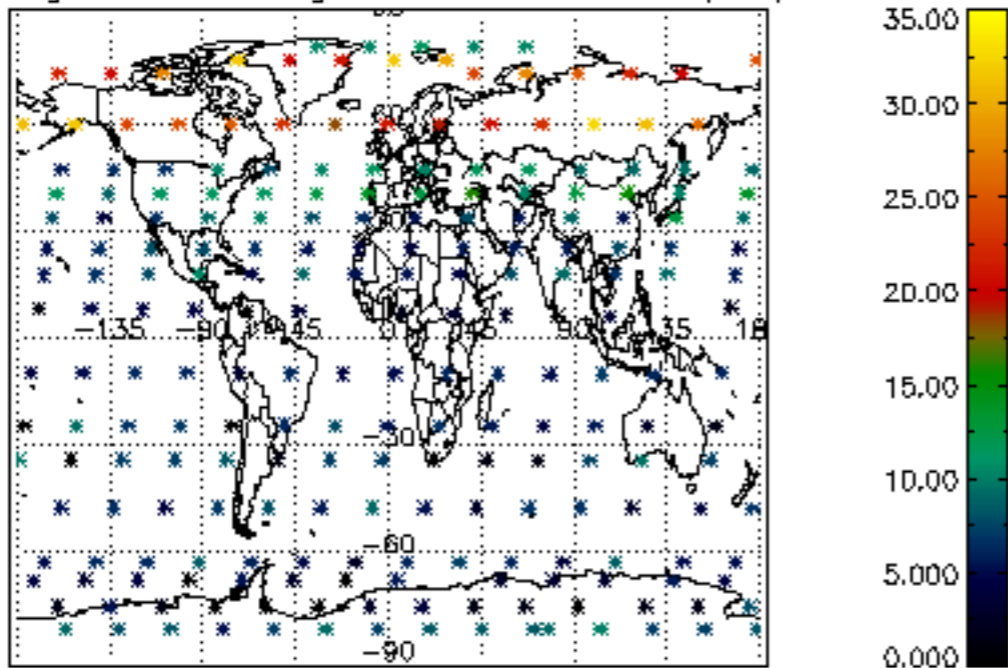
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

