Line Identification Plots
to Accompany
A High Spectral Resolution Atlas of
Comet 122P/de Vico

Anita L. Cochran and William D. Cochran

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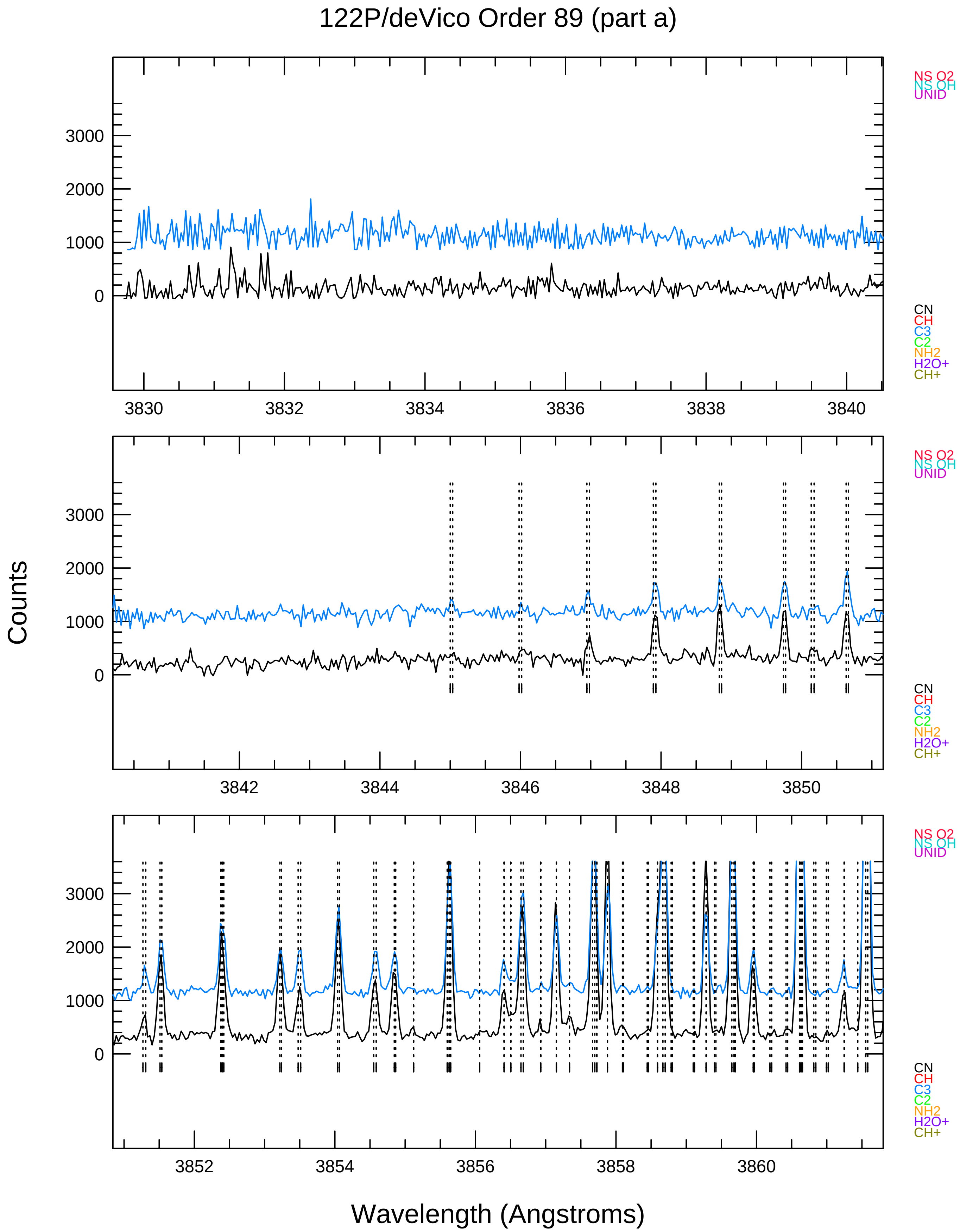
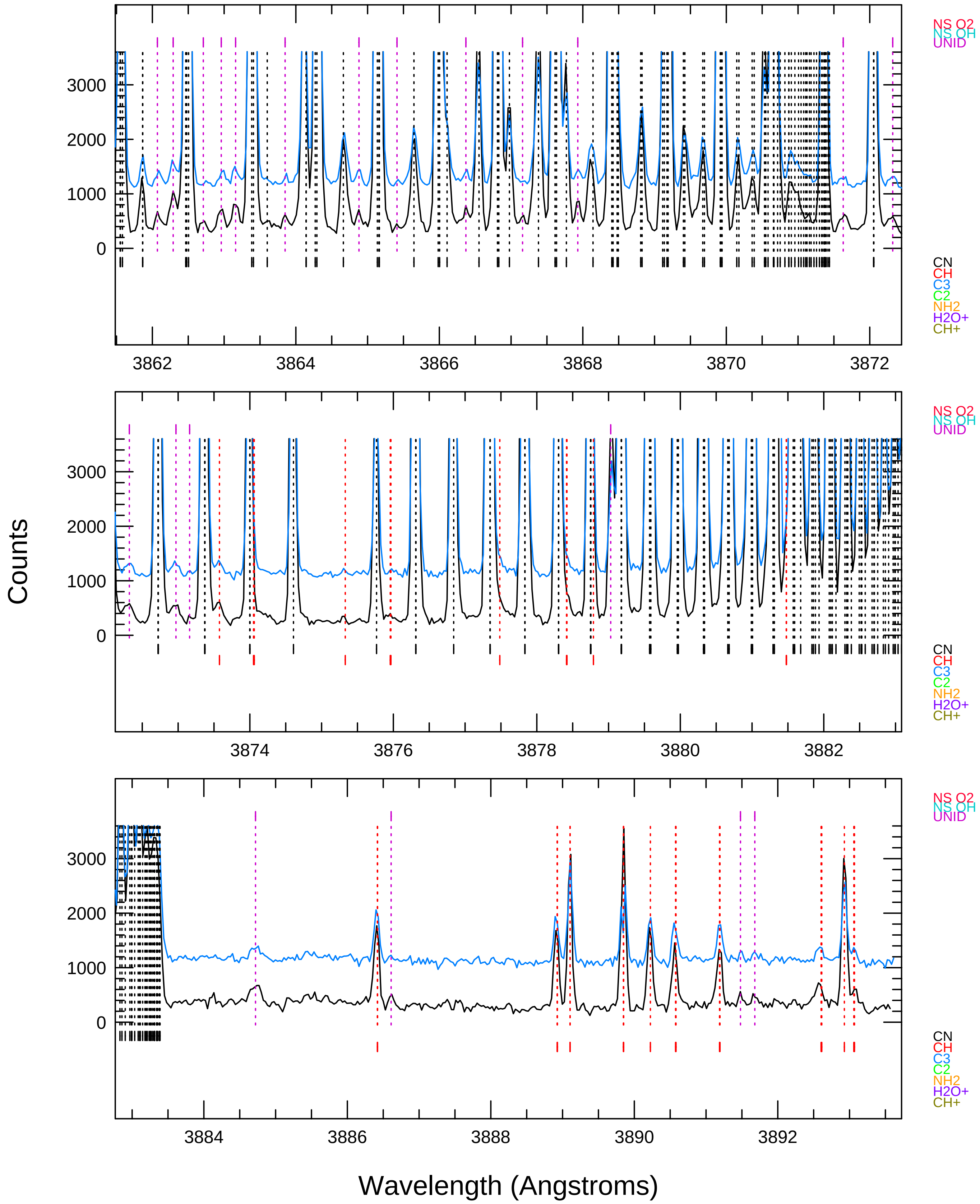
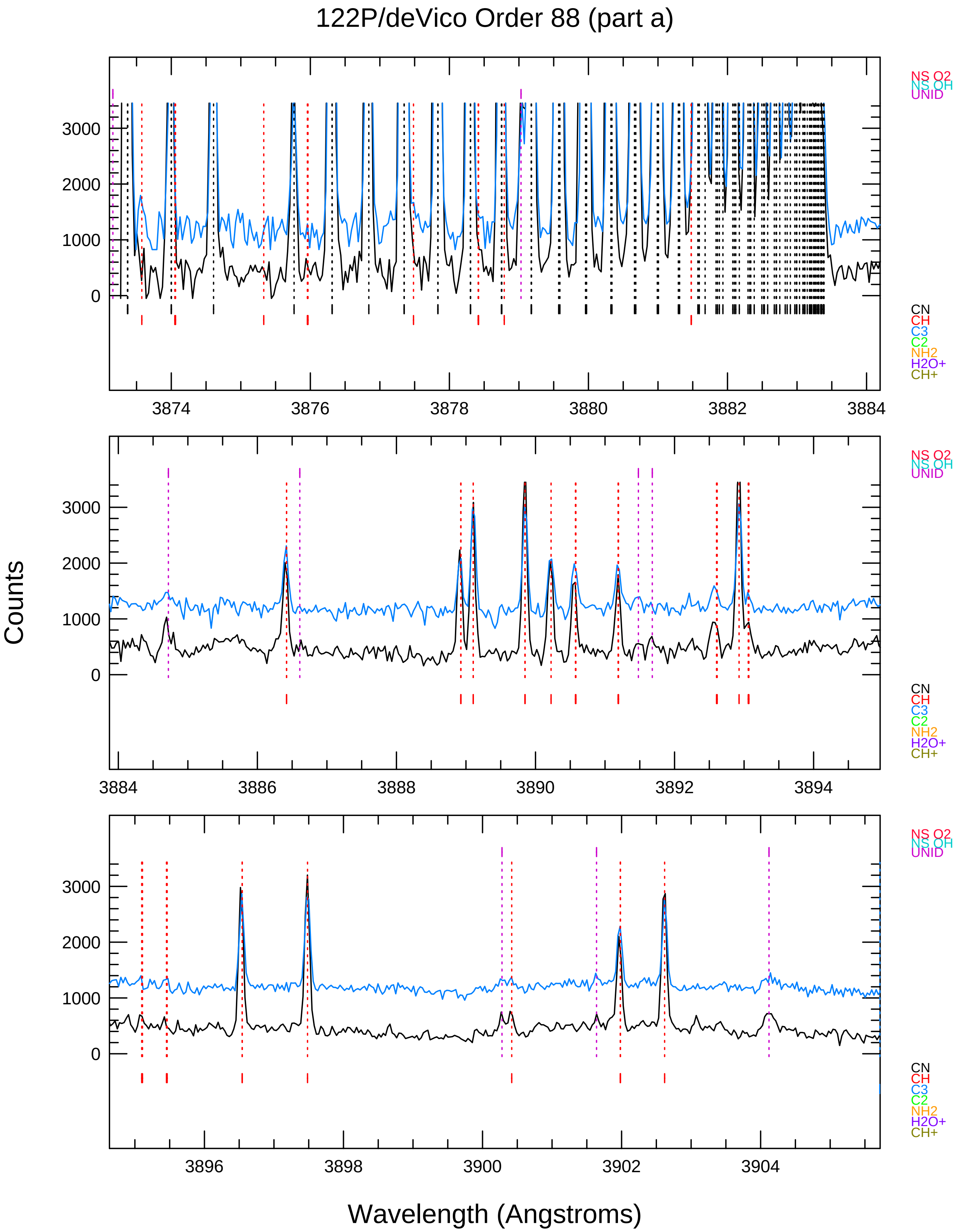
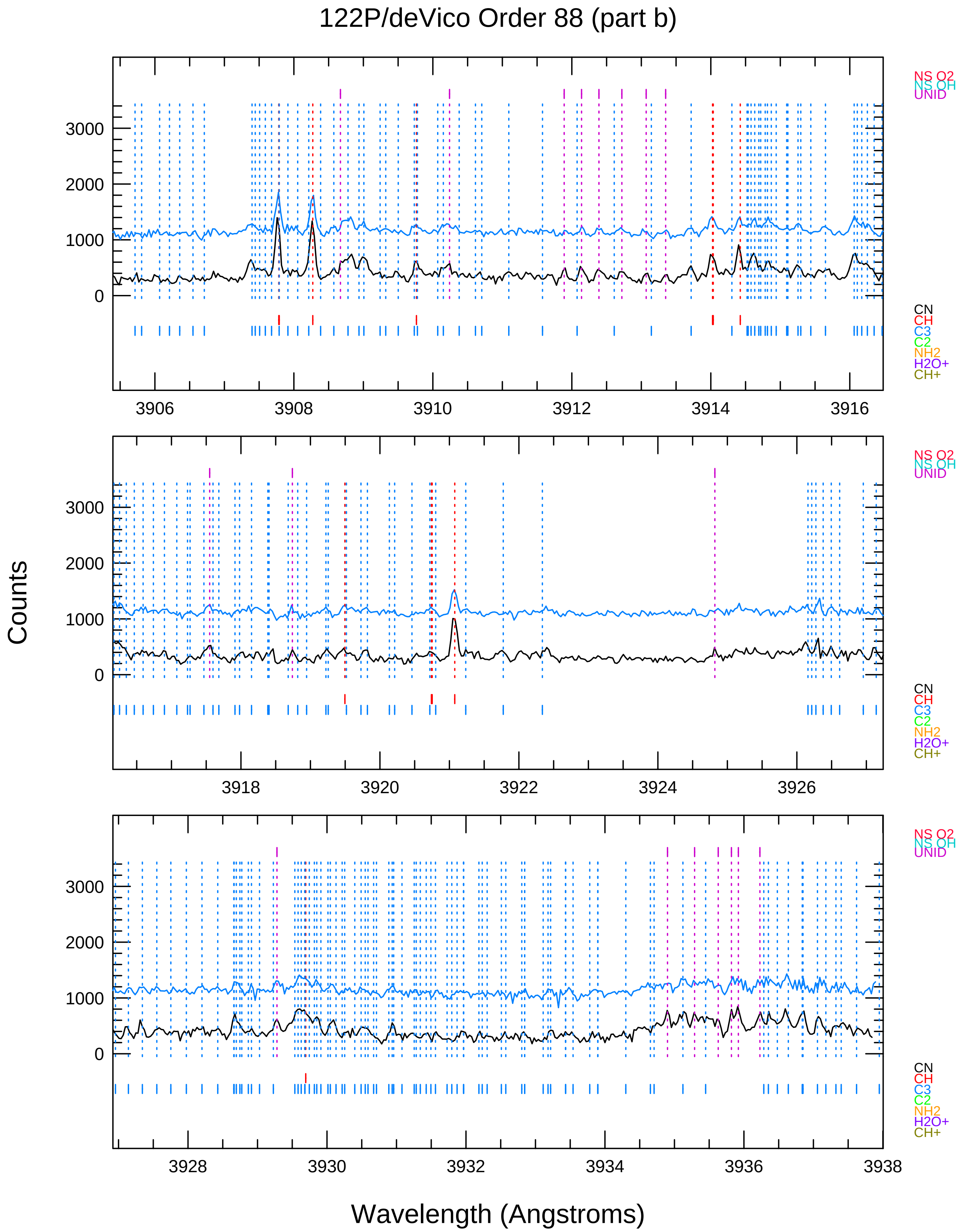


122P/deVico Order 89 (part a)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+
0
1000
2000
3000
3830
3832
3834
3836
3838
3840
3842
3844
3846
3848
3850
3852
3854
3856
3858
3860

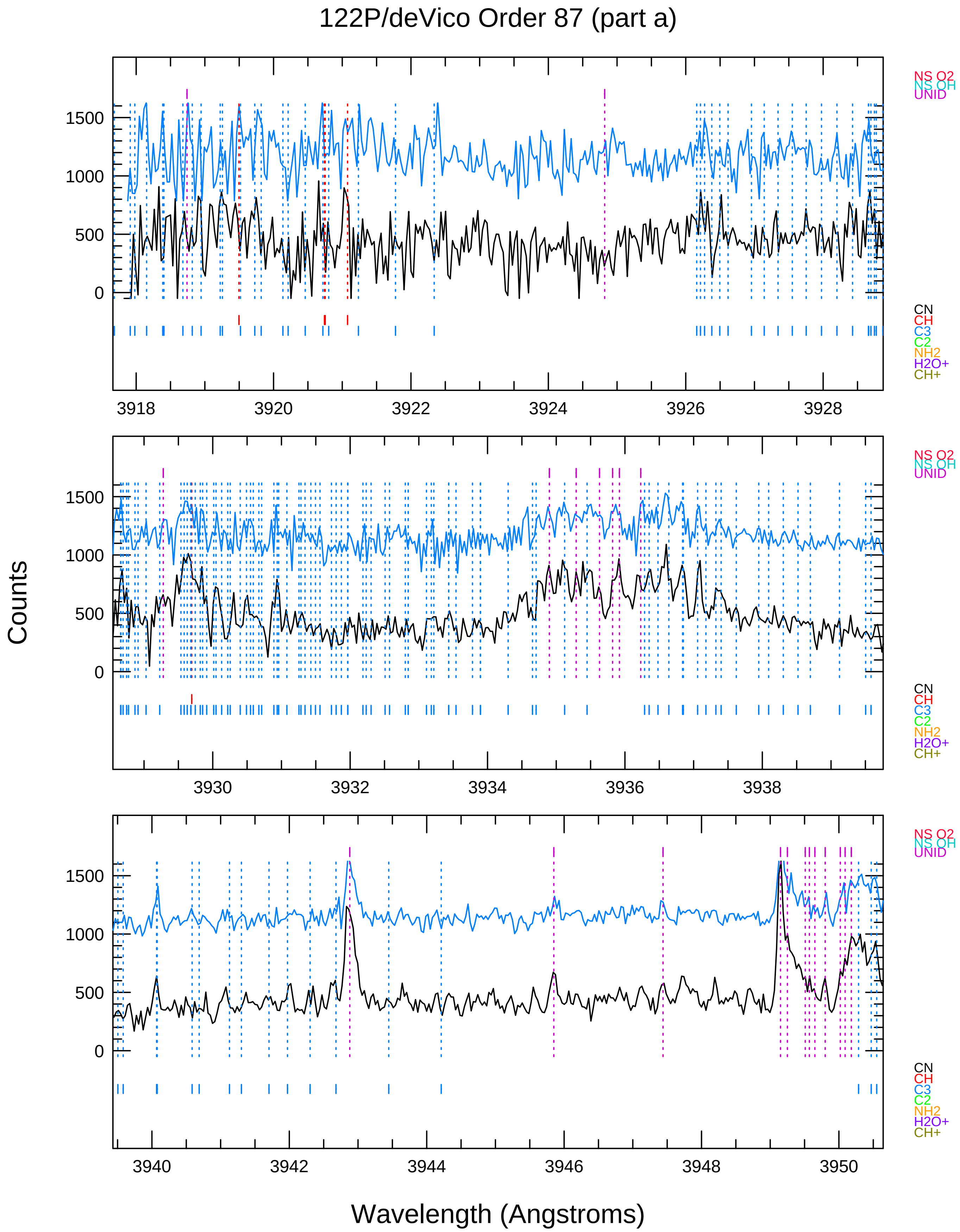
122P/deVico Order 89 (part b)



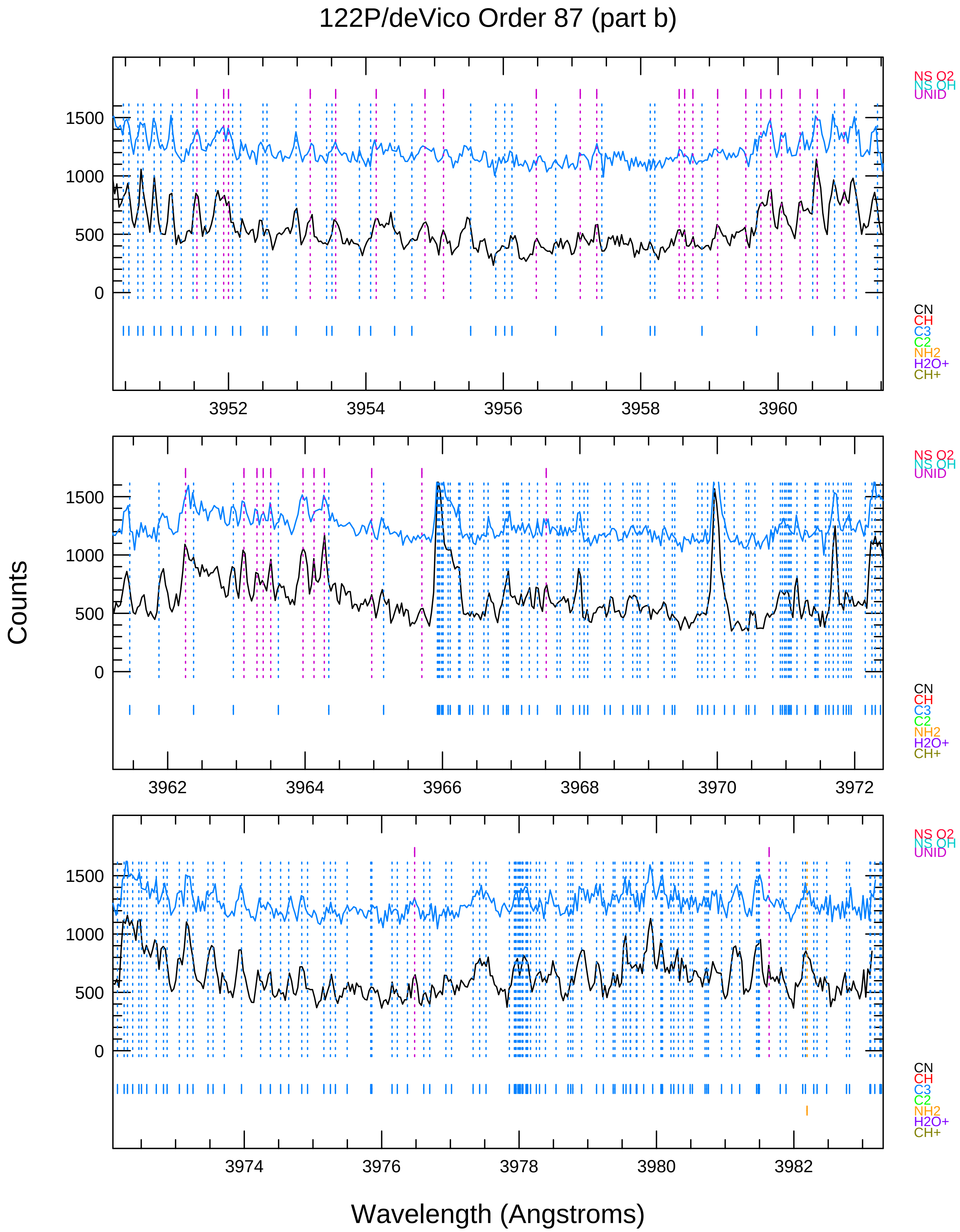

122P/deVico Order 88 (part a)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+
3874
3876
3878
3880
3882
3884
3886
3888
3890
3892
3894
3896
3898
3900
3902
3904
0
1000
2000
3000



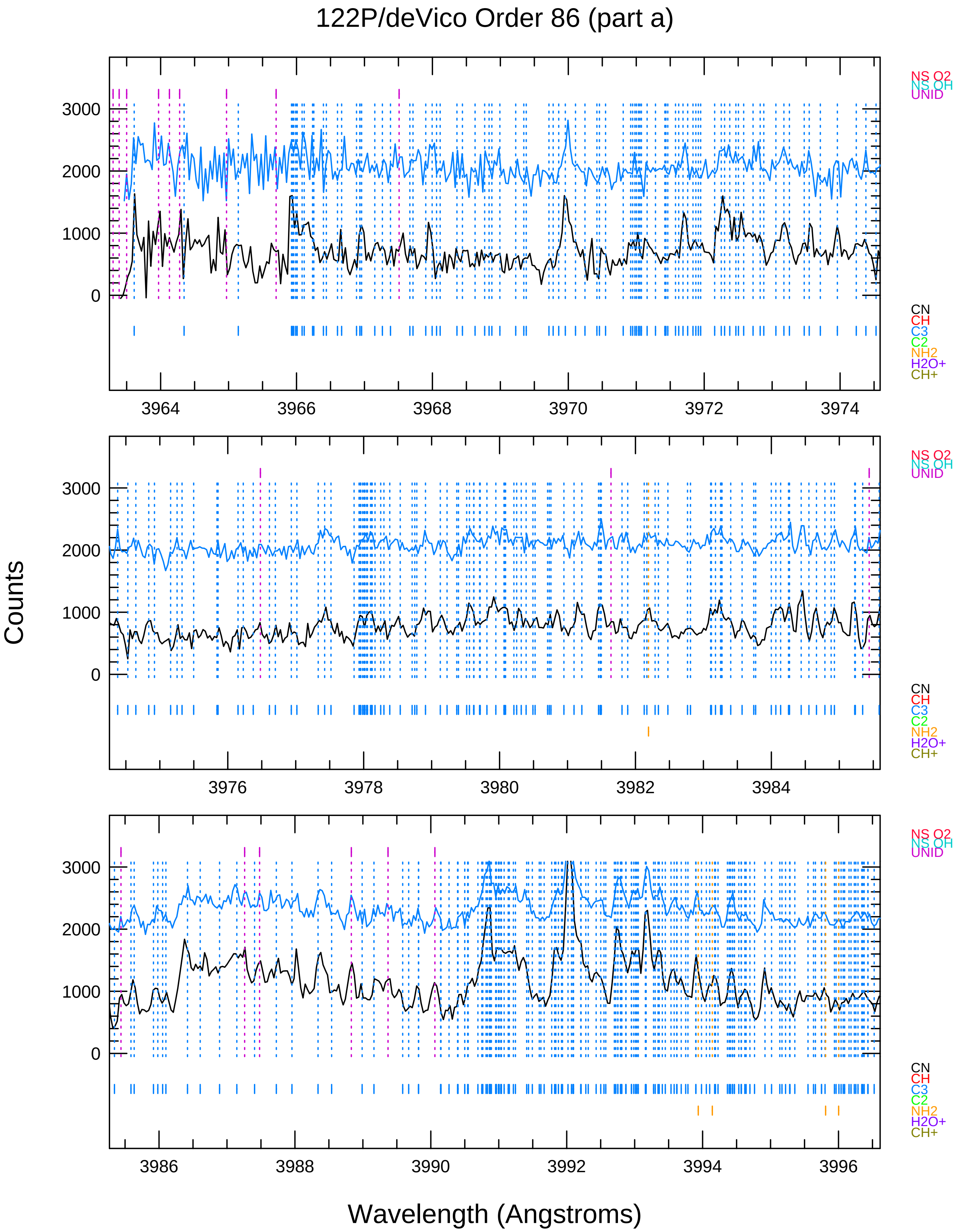
122P/deVico Order 88 (part b)
Counts
Wavelength (Angstroms)
3000
2000
1000
0
3906
3908
3910
3912
3914
3916
3918
3920
3922
3924
3926
3928
3930
3932
3934
3936
3938
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+



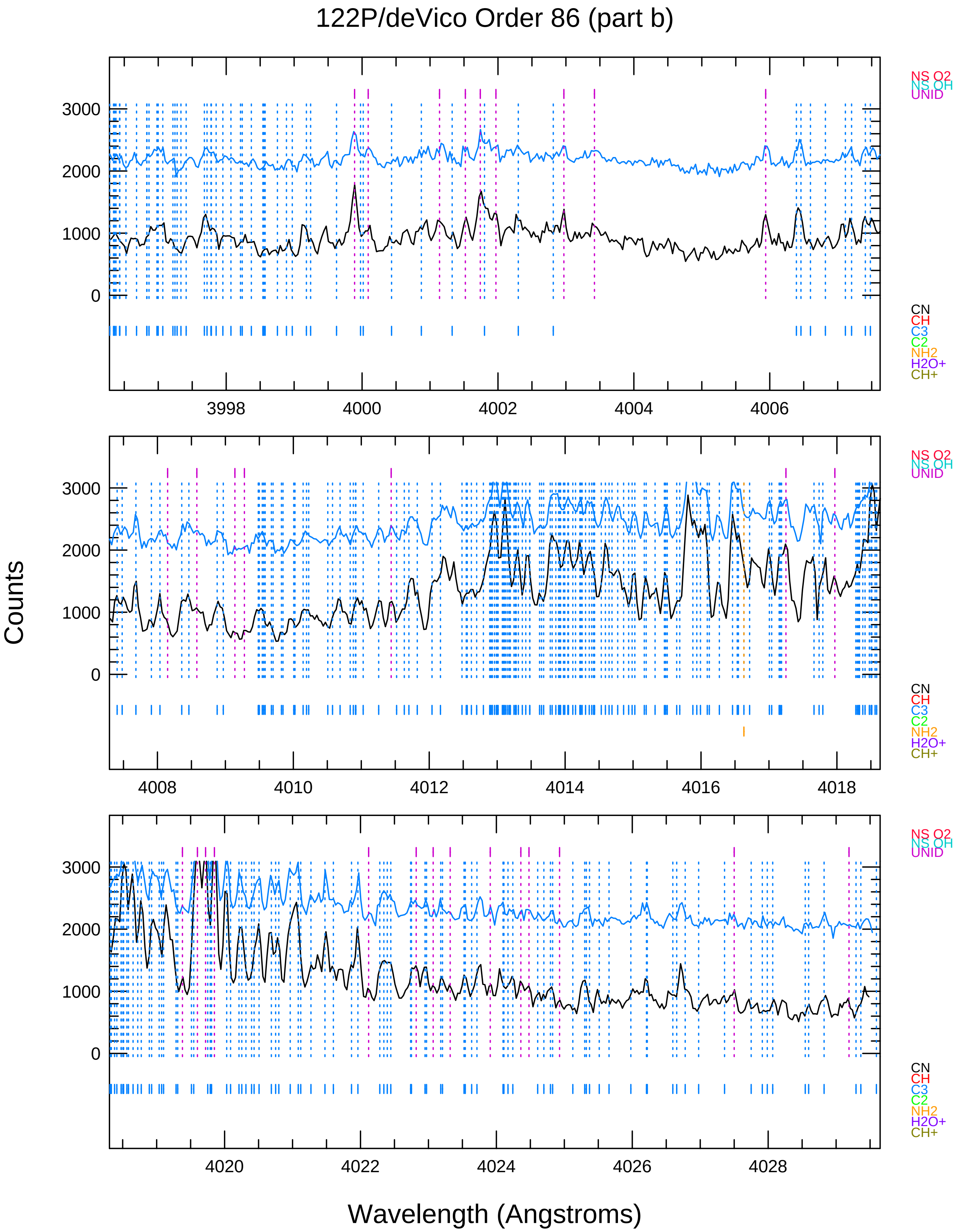
122P/deVico Order 87 (part a)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+
1500
1000
500
0
3918
3920
3922
3924
3926
3928
3930
3932
3934
3936
3938
3940
3942
3944
3946
3948
3950



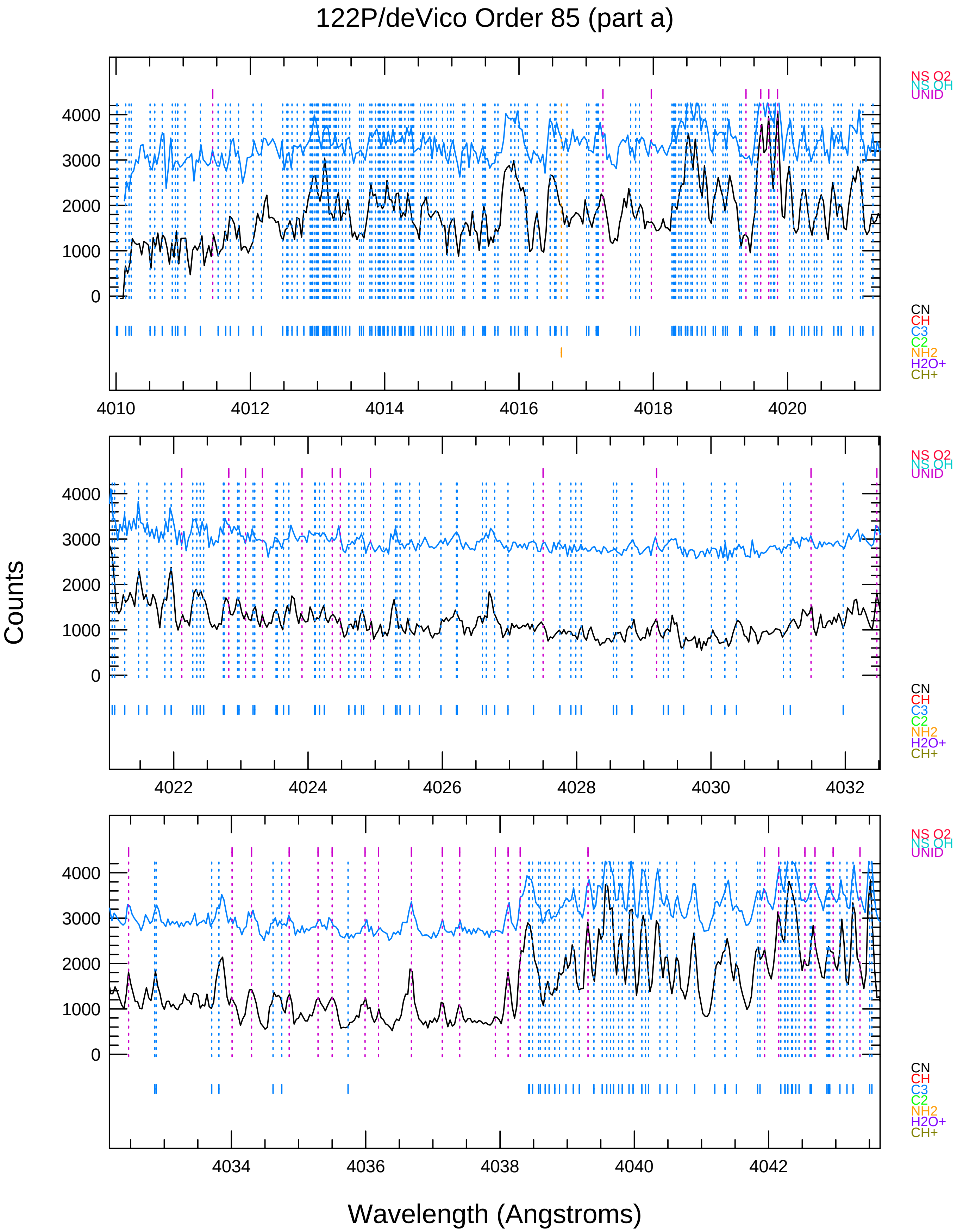
122P/deVico Order 87 (part b)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+
0
500
1000
1500
3952
3954
3956
3958
3960
3962
3964
3966
3968
3970
3972
3974
3976
3978
3980
3982



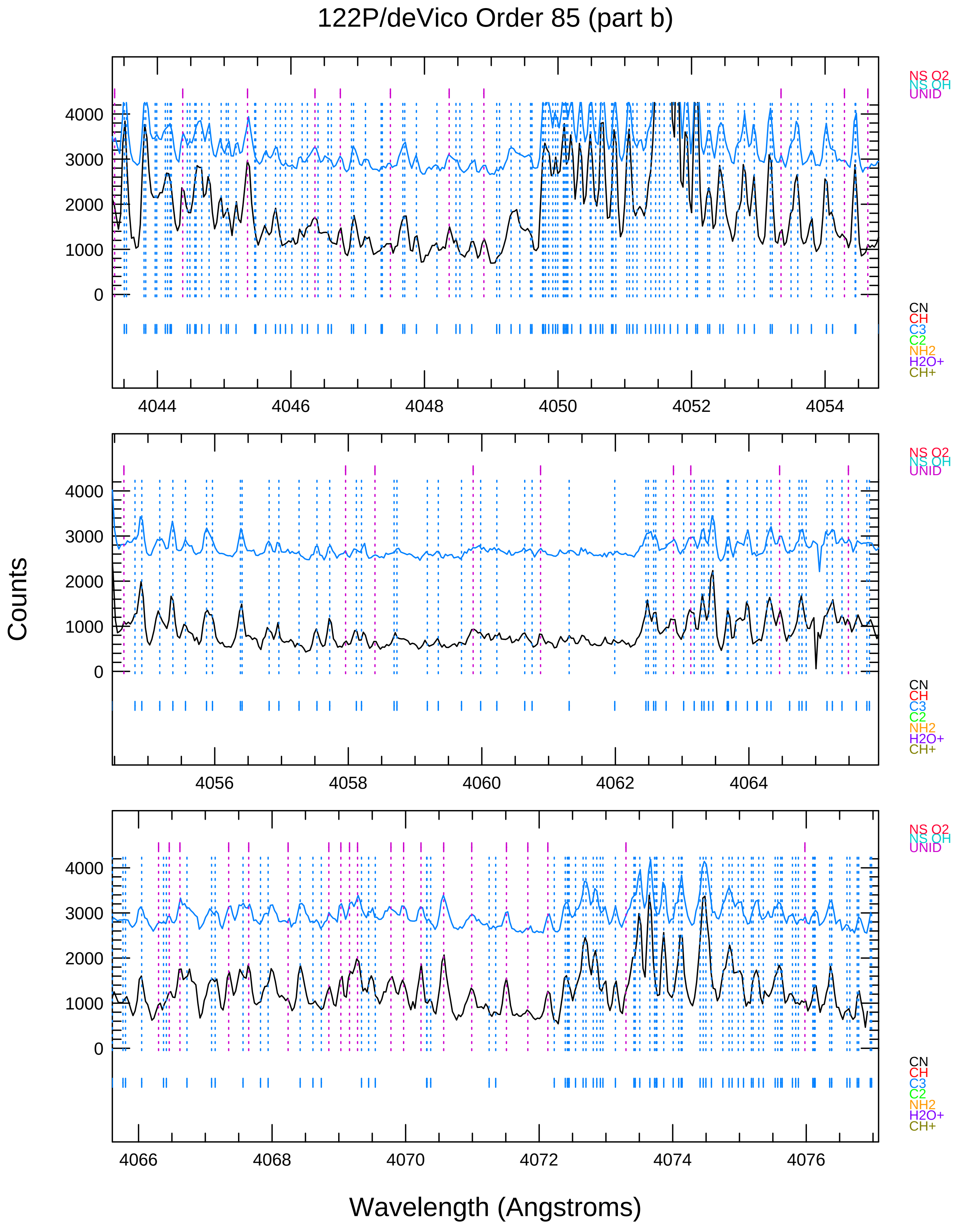
122P/deVico Order 86 (part a)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+
3964
3966
3968
3970
3972
3974
3976
3978
3980
3982
3984
3986
3988
3990
3992
3994
3996
0
1000
2000
3000



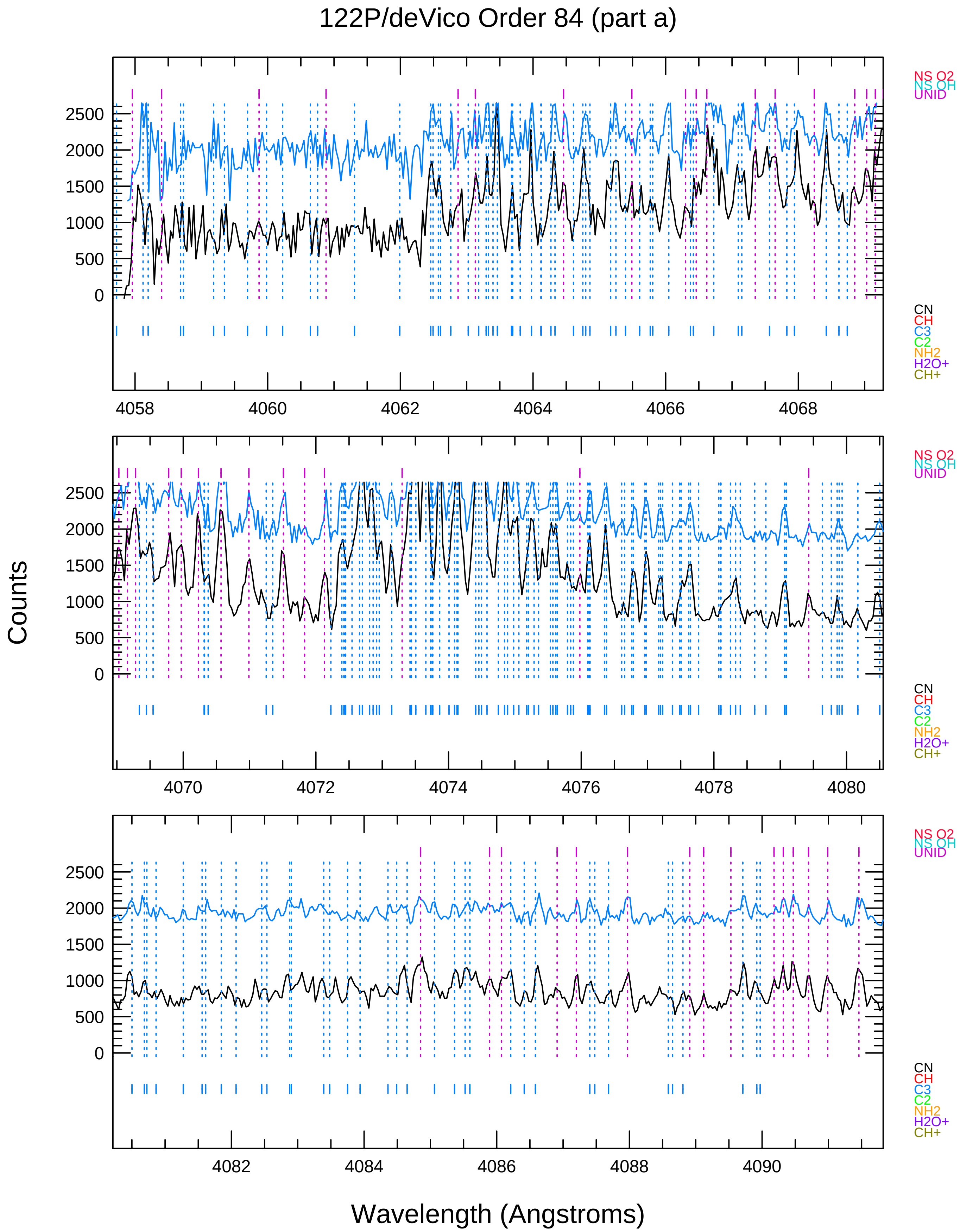
122P/deVico Order 86 (part b)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+
3998
4000
4002
4004
4006
4008
4010
4012
4014
4016
4018
4020
4022
4024
4026
4028
0
1000
2000
3000

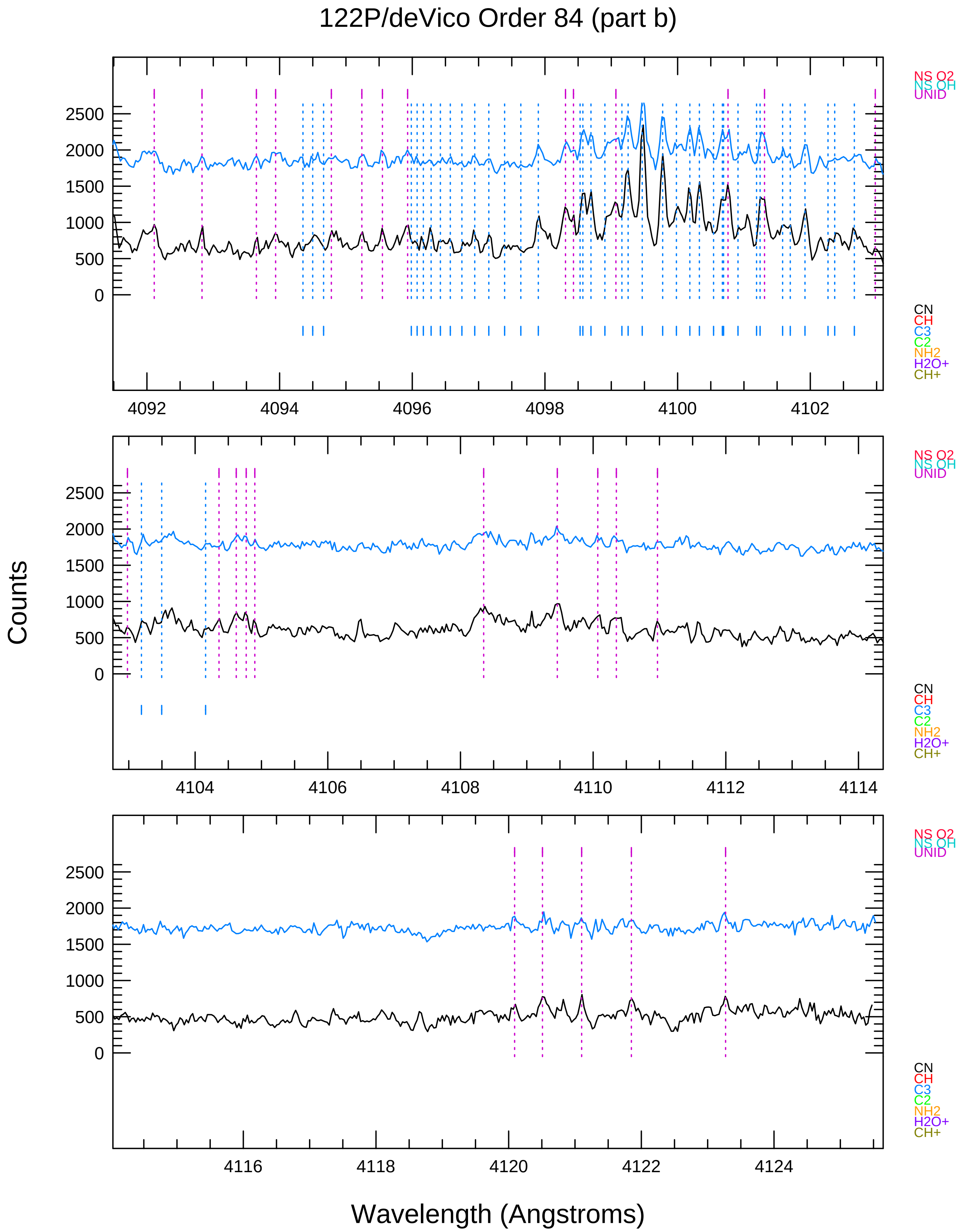


122P/deVico Order 85 (part a)
Counts
Wavelength (Angstroms)
4000
3000
2000
1000
0
4010
4012
4014
4016
4018
4020
4022
4024
4026
4028
4030
4032
4034
4036
4038
4040
4042
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+

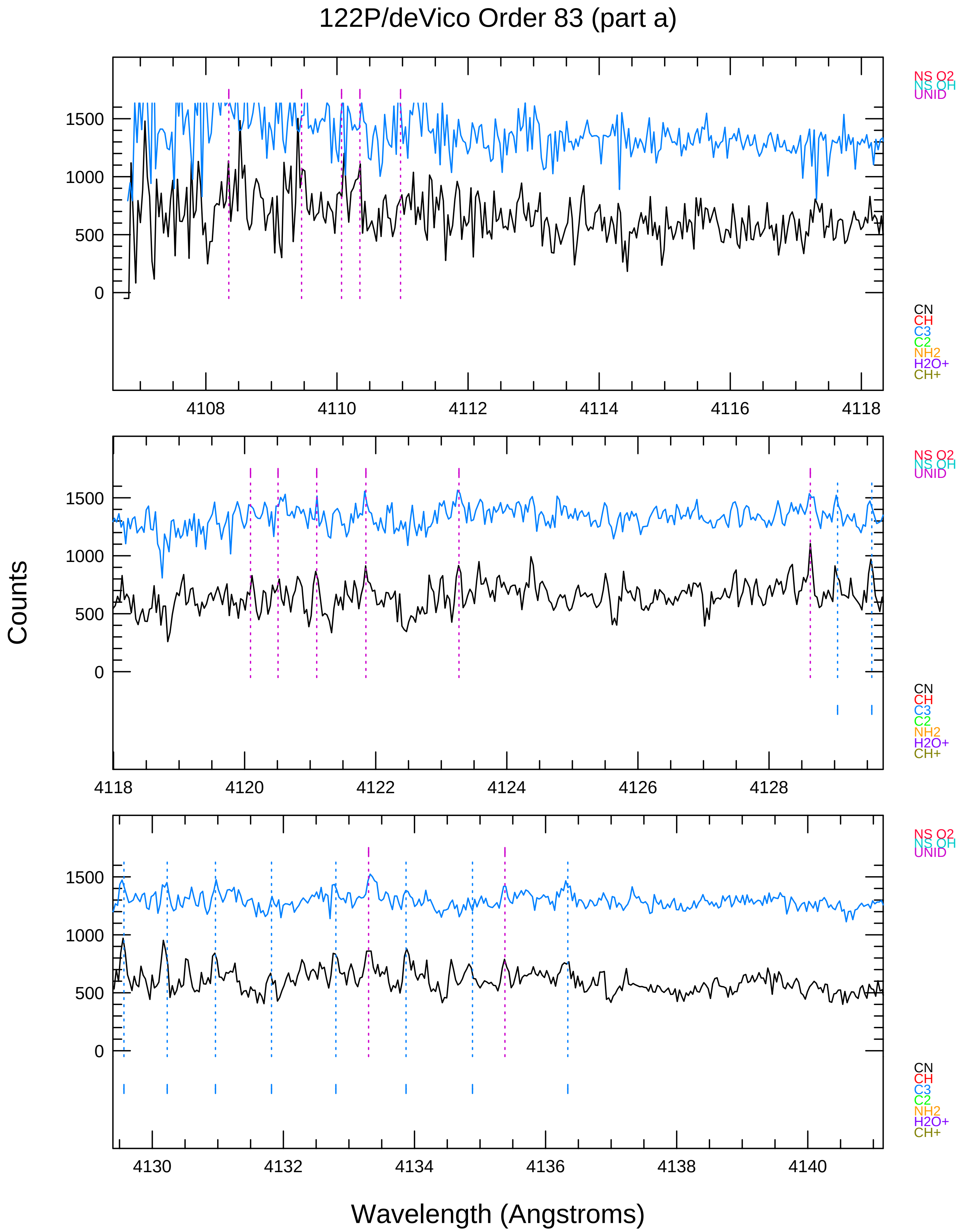


122P/deVico Order 85 (part b)
Counts
Wavelength (Angstroms)
4044
4046
4048
4050
4052
4054
4056
4058
4060
4062
4064
4066
4068
4070
4072
4074
4076
0
1000
2000
3000
4000
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+

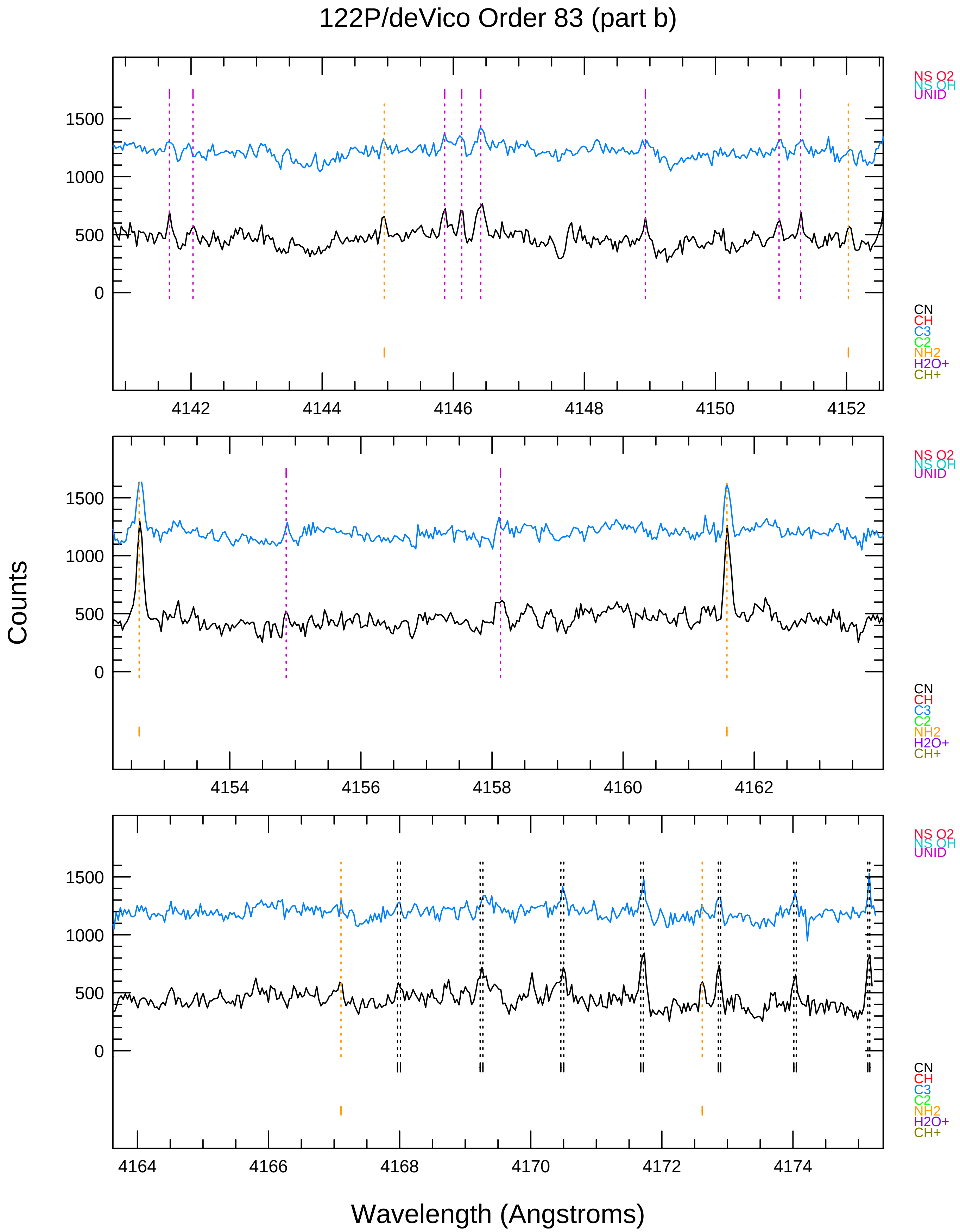

122P/deVico Order 84 (part a)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+
4058
4060
4062
4064
4066
4068
4070
4072
4074
4076
4078
4080
4082
4084
4086
4088
4090
0
500
1000
1500
2000
2500

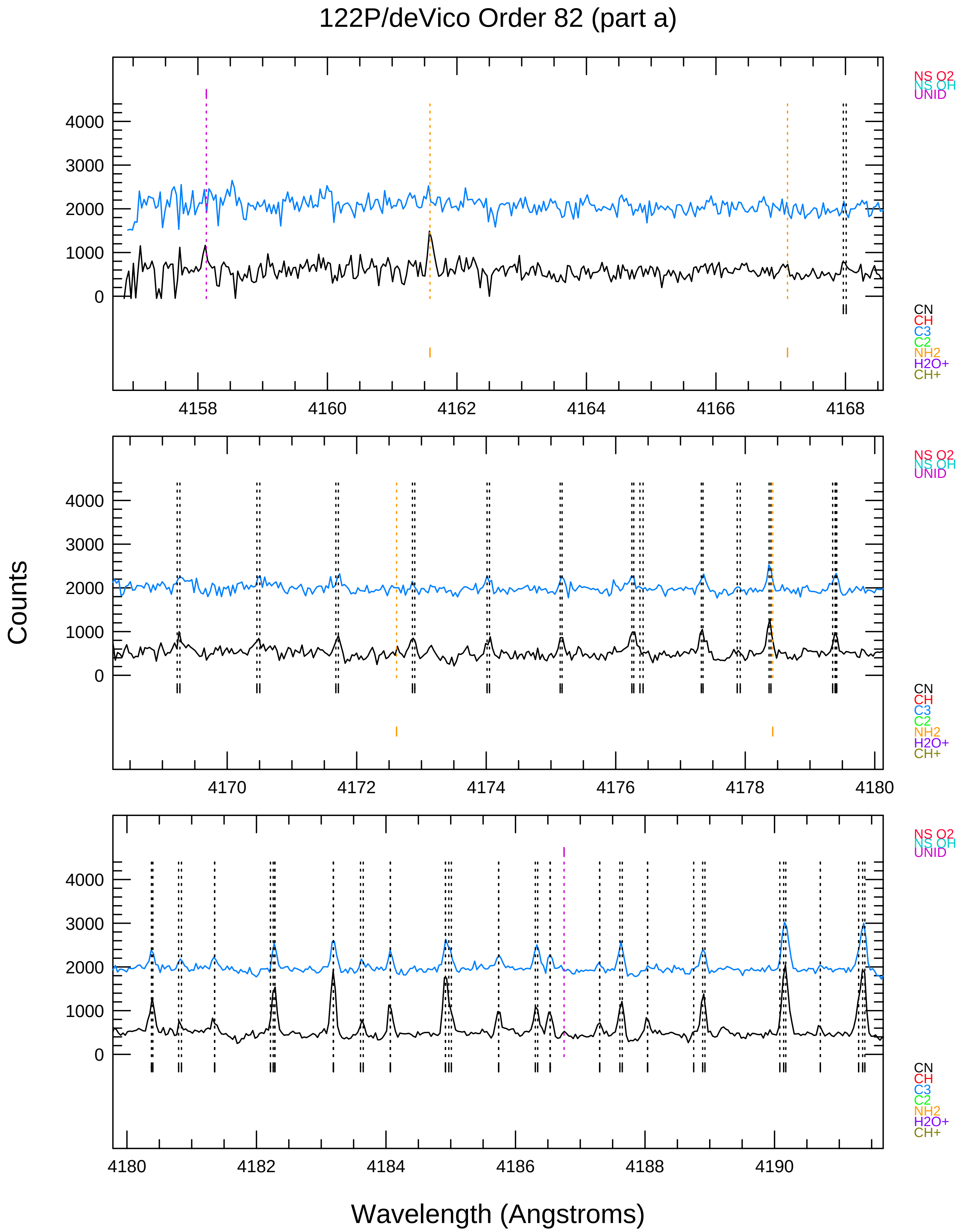


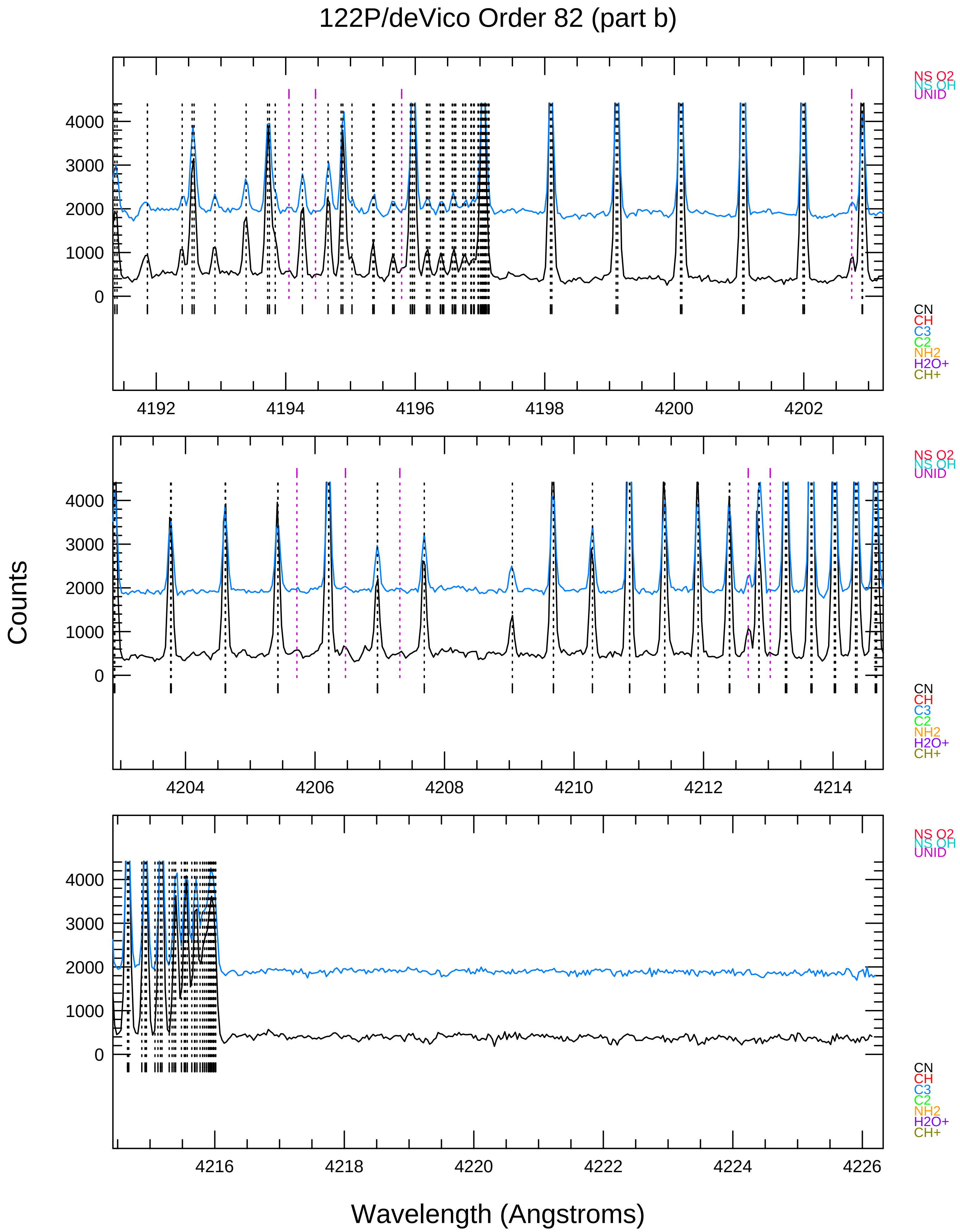
122P/deVico Order 84 (part b)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+
2500
2000
1500
1000
500
0
4092
4094
4096
4098
4100
4102
4104
4106
4108
4110
4112
4114
4116
4118
4120
4122
4124



122P/deVico Order 83 (part a)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+

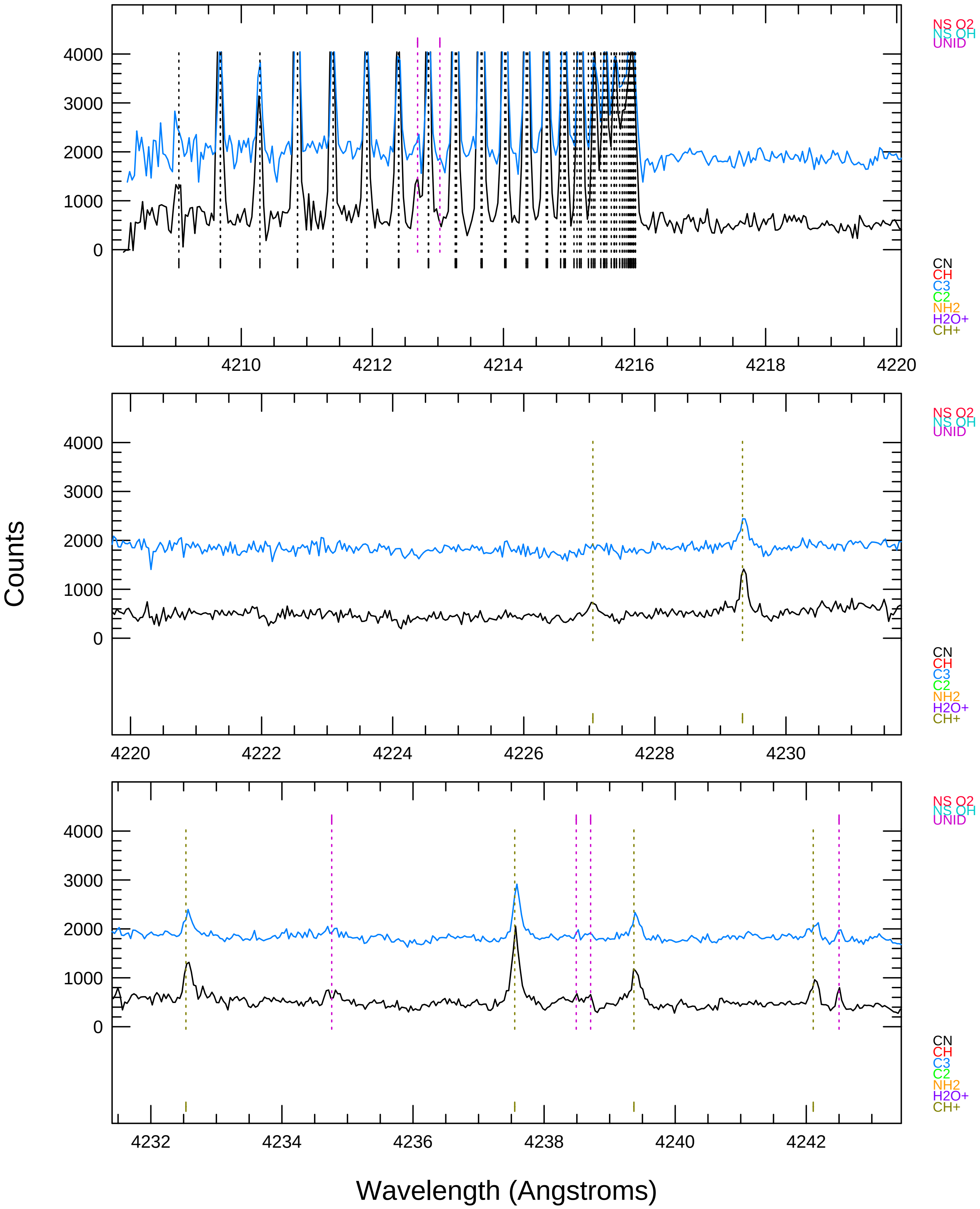

122P/deVico Order 83 (part b)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+
Counts
Wavelength (Angstroms)

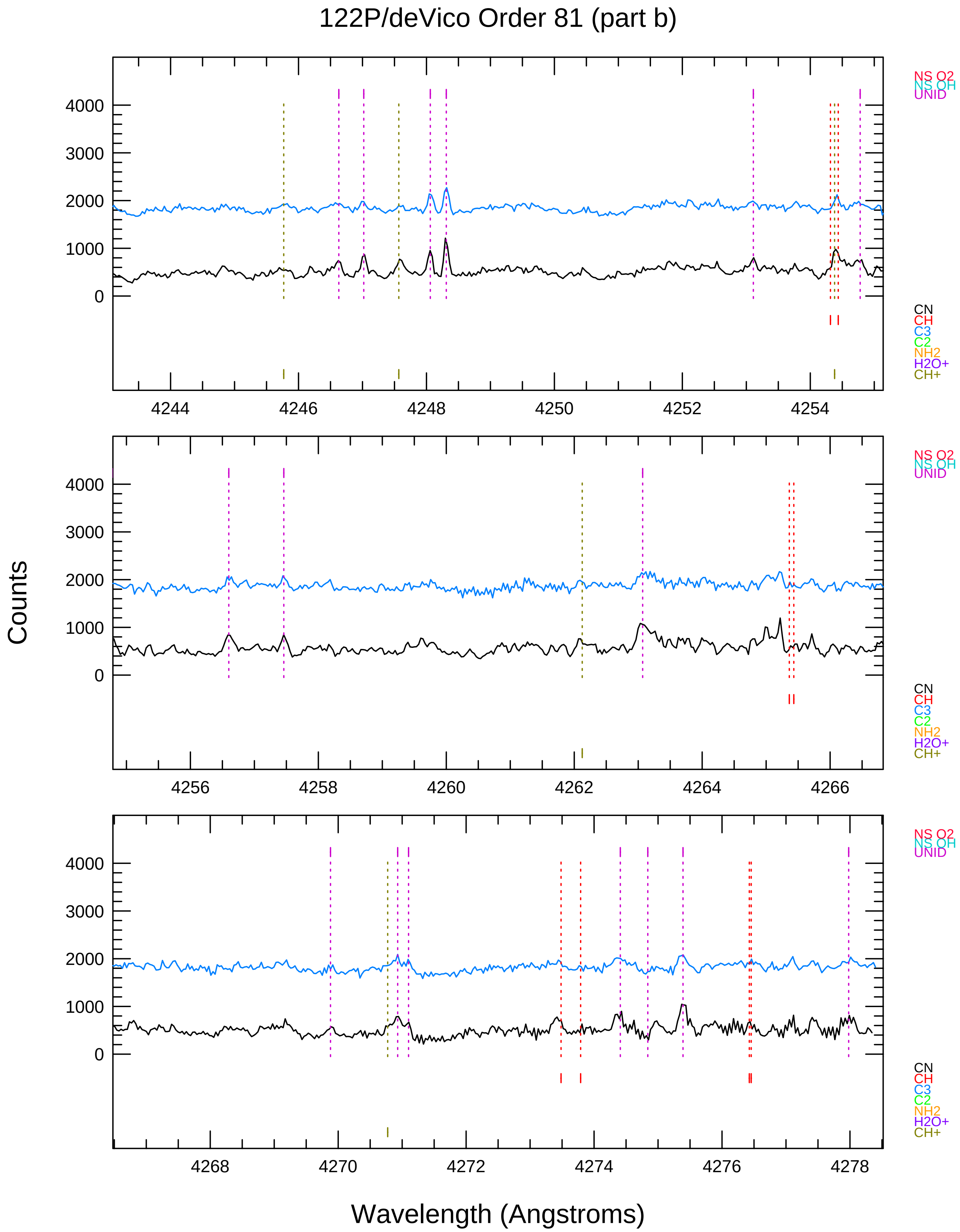

122P/deVico Order 82 (part a)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+
4000
3000
2000
1000
0
4158
4160
4162
4164
4166
4168
4170
4172
4174
4176
4178
4180
4182
4184
4186
4188
4190



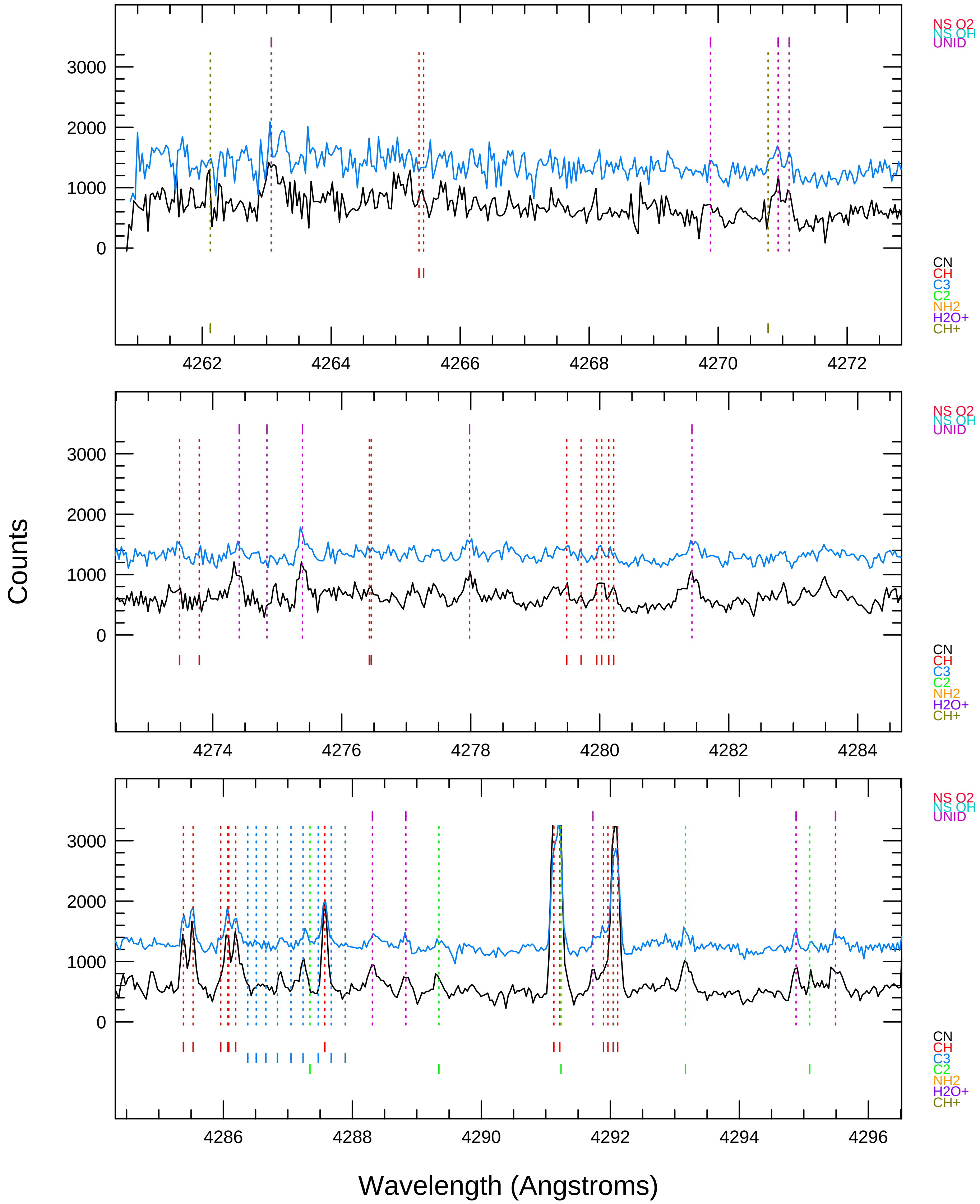
122P/deVico Order 82 (part b)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+

122P/deVico Order 81 (part a)

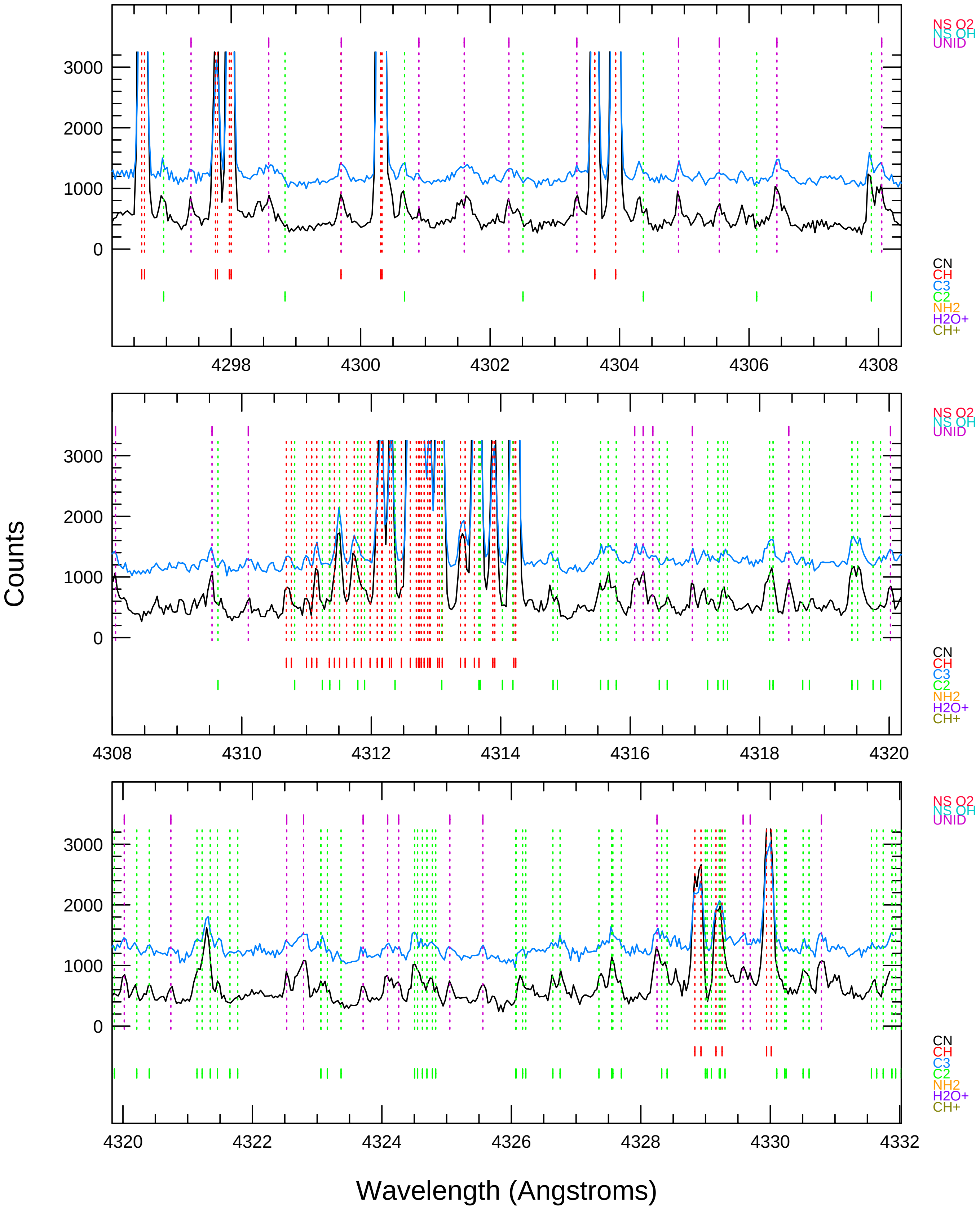


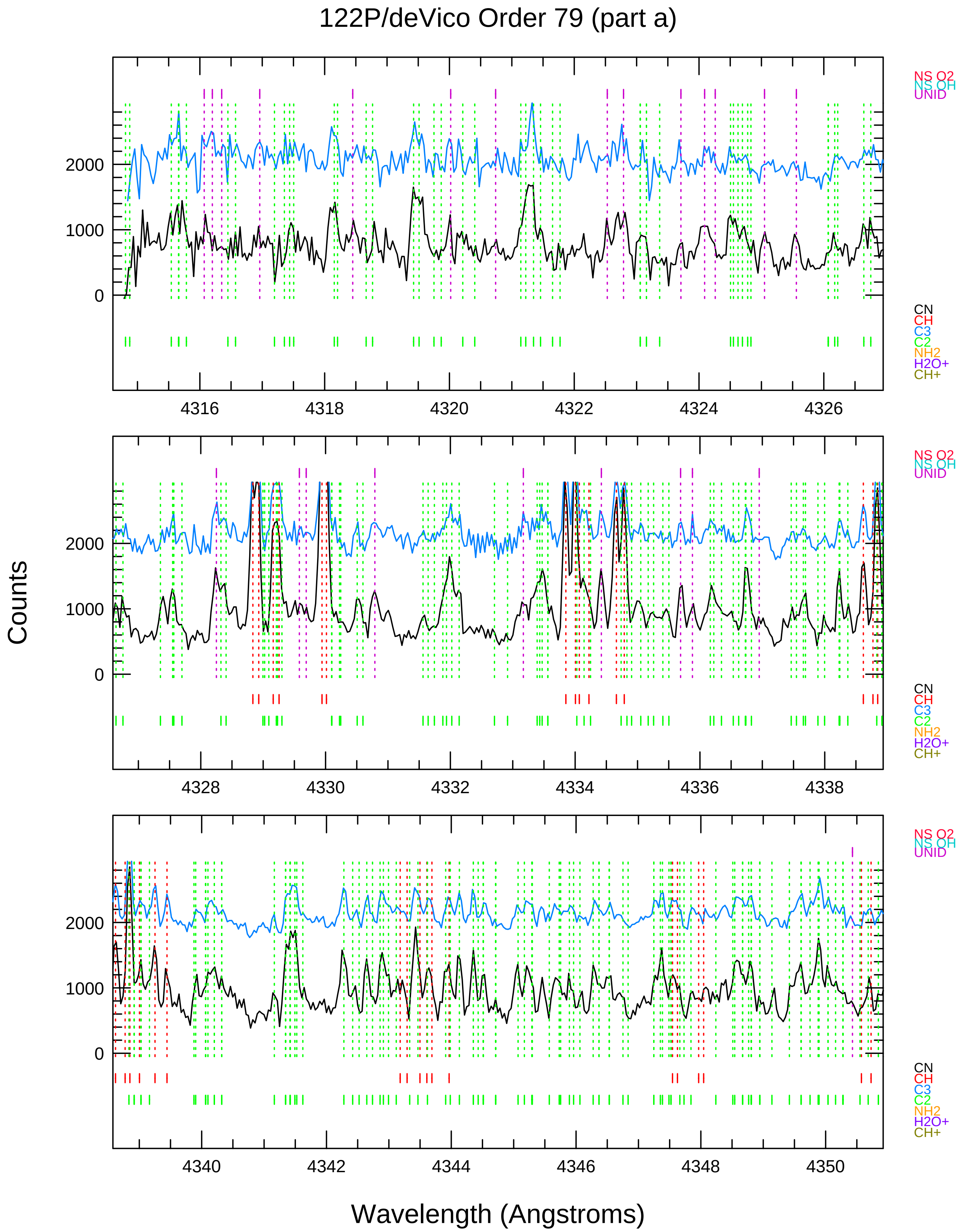

122P/deVico Order 81 (part b)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+
4244
4246
4248
4250
4252
4254
4256
4258
4260
4262
4264
4266
4268
4270
4272
4274
4276
4278
0
1000
2000
3000
4000

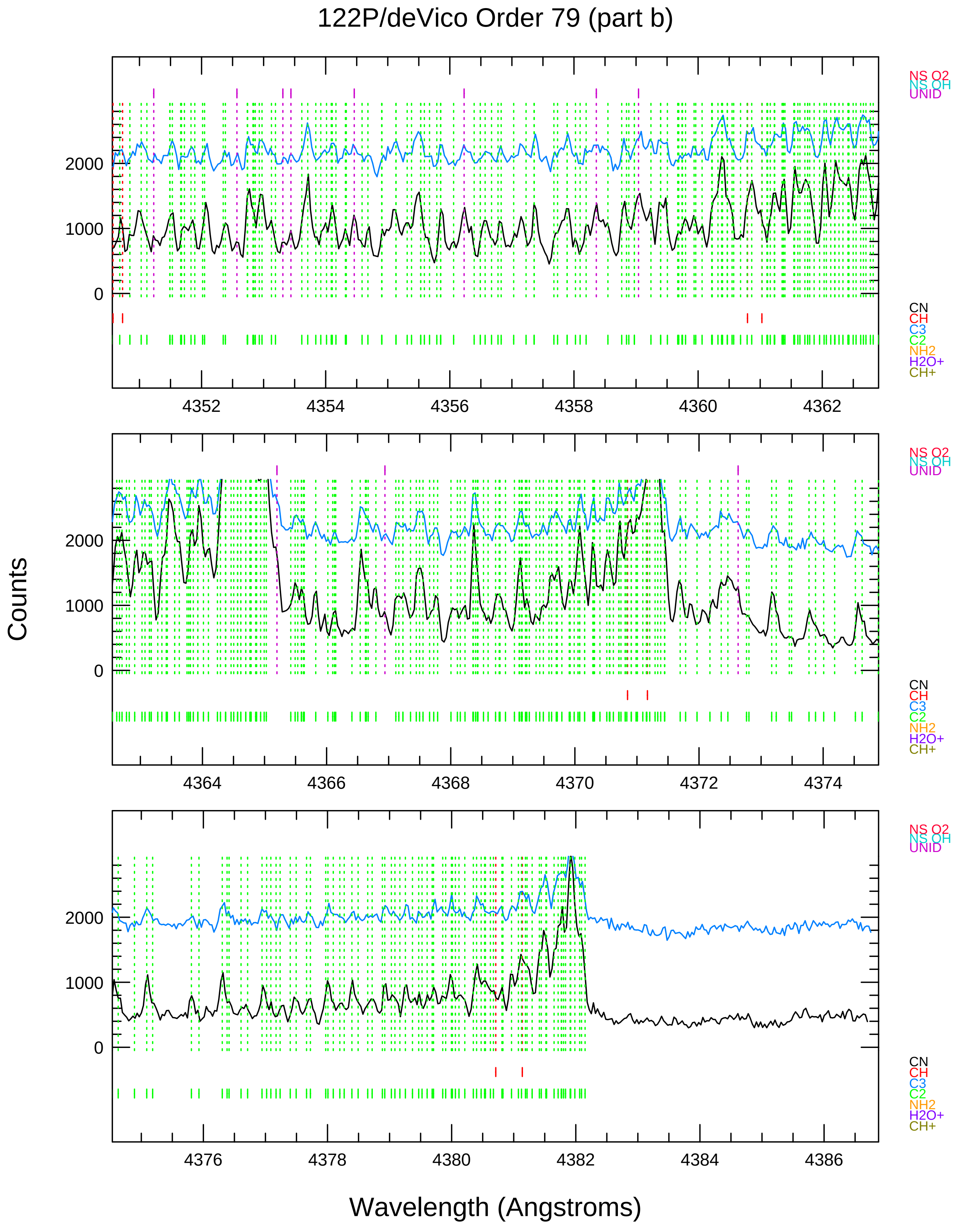
122P/deVico Order 80 (part a)



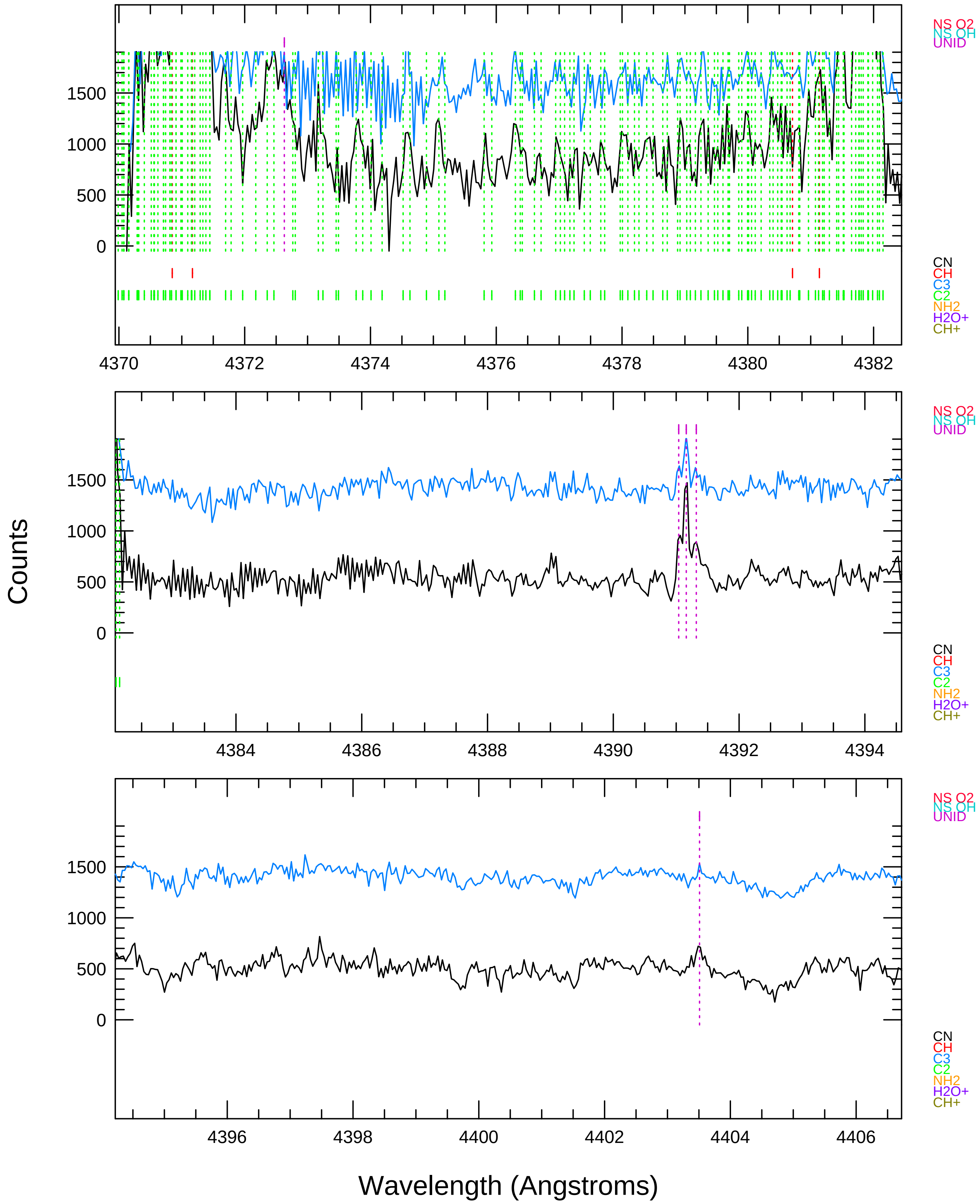
122P/deVico Order 80 (part b)

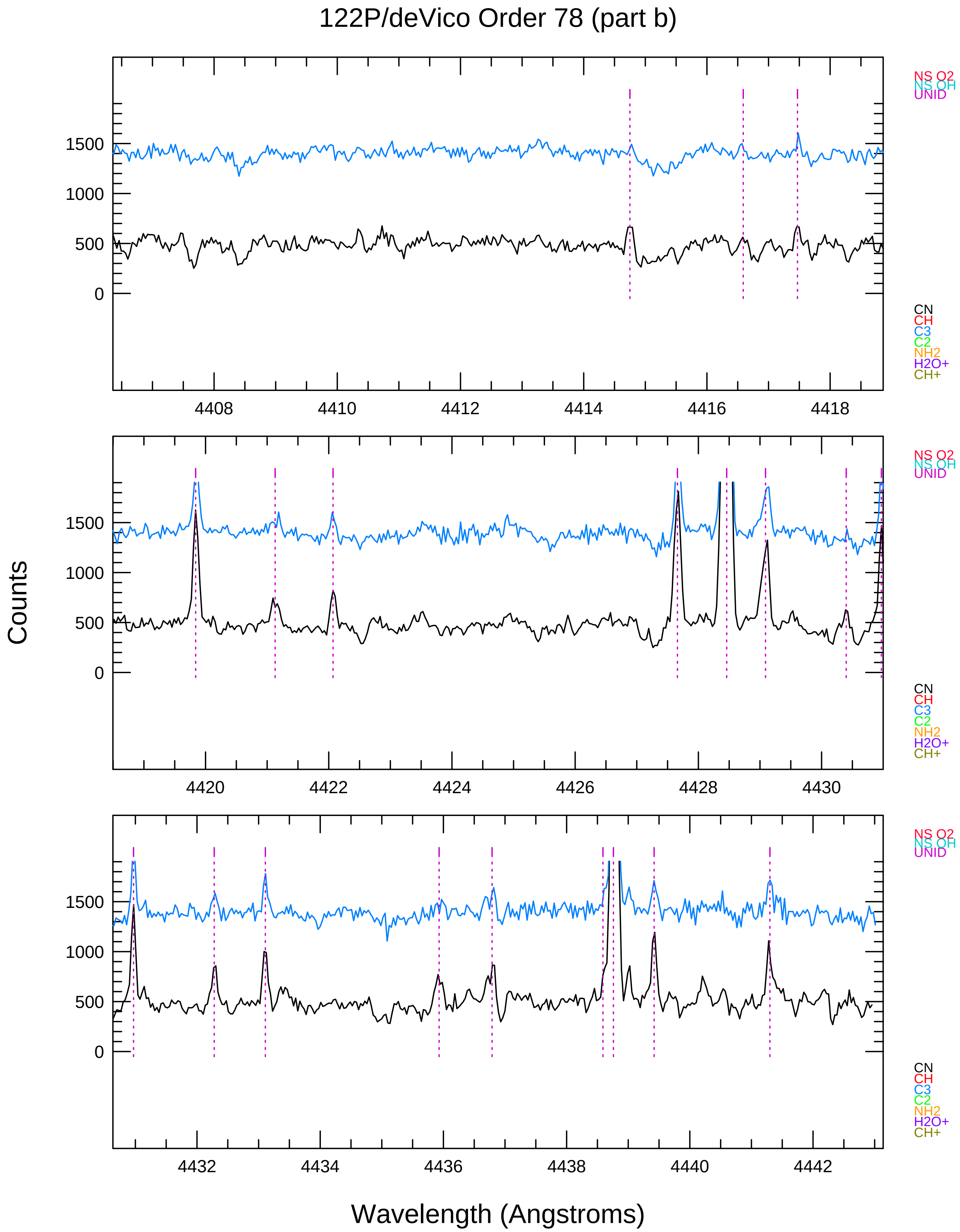



122P/deVico Order 79 (part a)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+
2000
1000
0
4316
4318
4320
4322
4324
4326
4328
4330
4332
4334
4336
4338
4340
4342
4344
4346
4348
4350

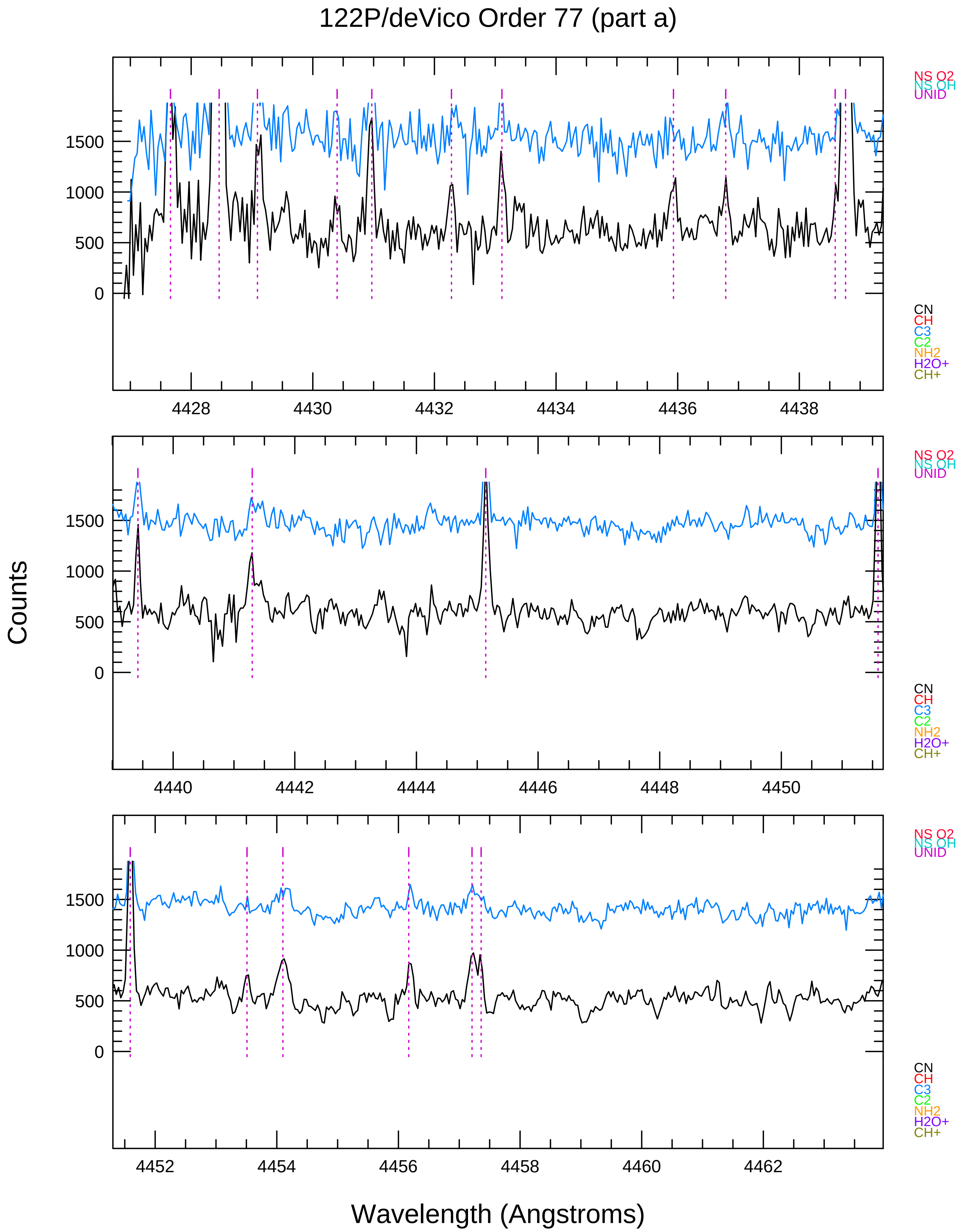

122P/deVico Order 79 (part b)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+
0
1000
2000
4352
4354
4356
4358
4360
4362
4364
4366
4368
4370
4372
4374
4376
4378
4380
4382
4384
4386

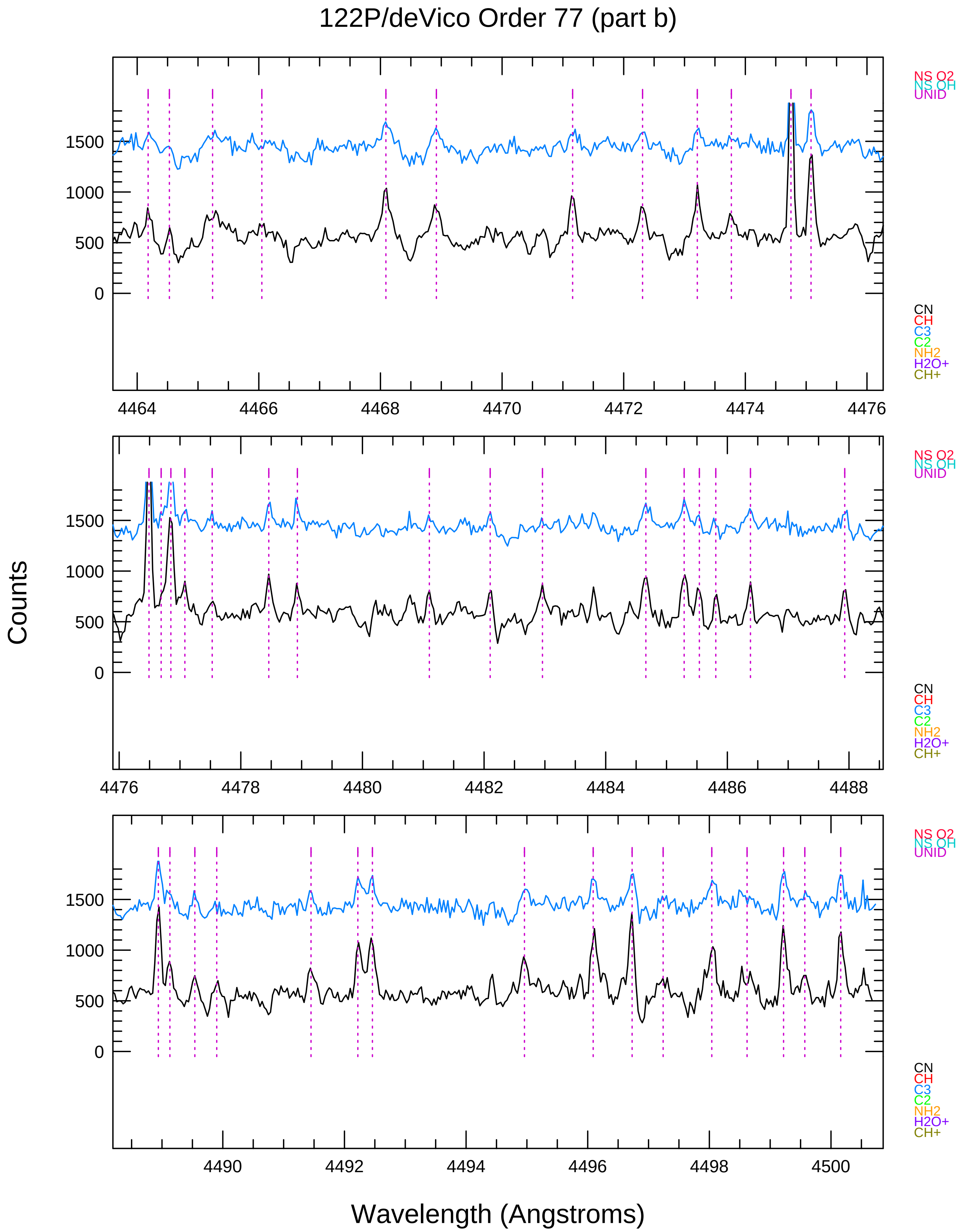
122P/deVico Order 78 (part a)



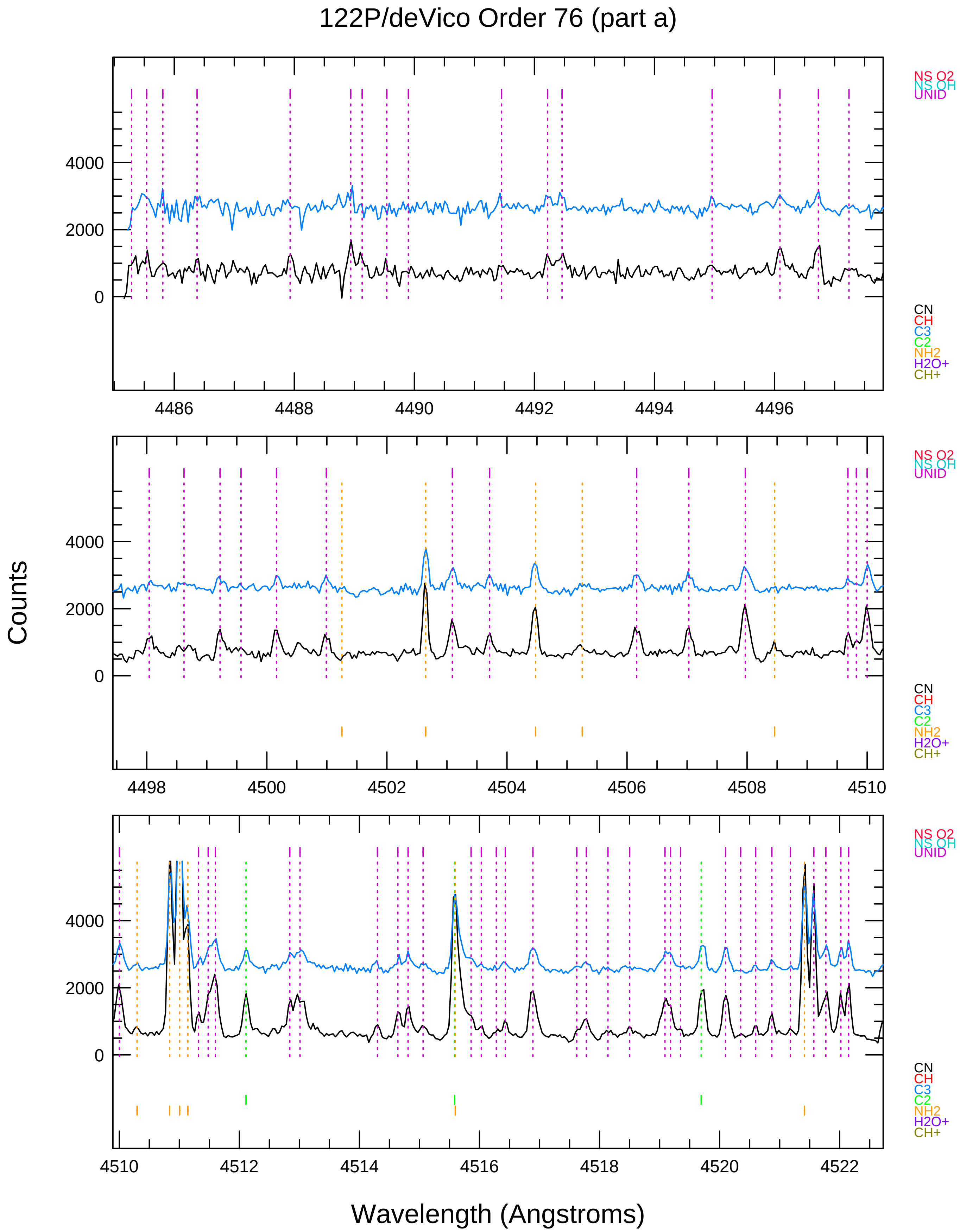


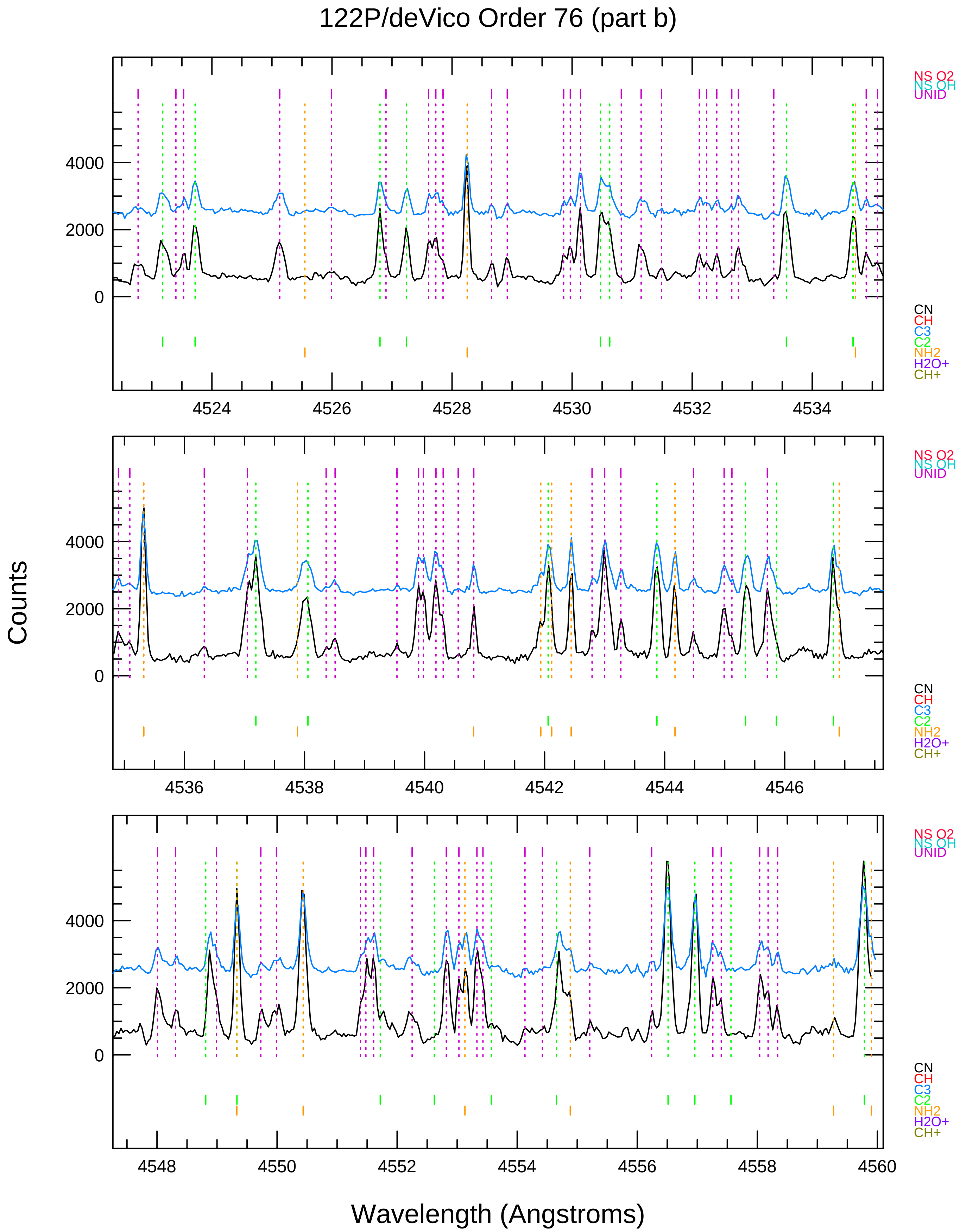
122P/deVico Order 78 (part b)
Counts
Wavelength (Angstroms)
0
500
1000
1500
4408
4410
4412
4414
4416
4418
4420
4422
4424
4426
4428
4430
4432
4434
4436
4438
4440
4442
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+

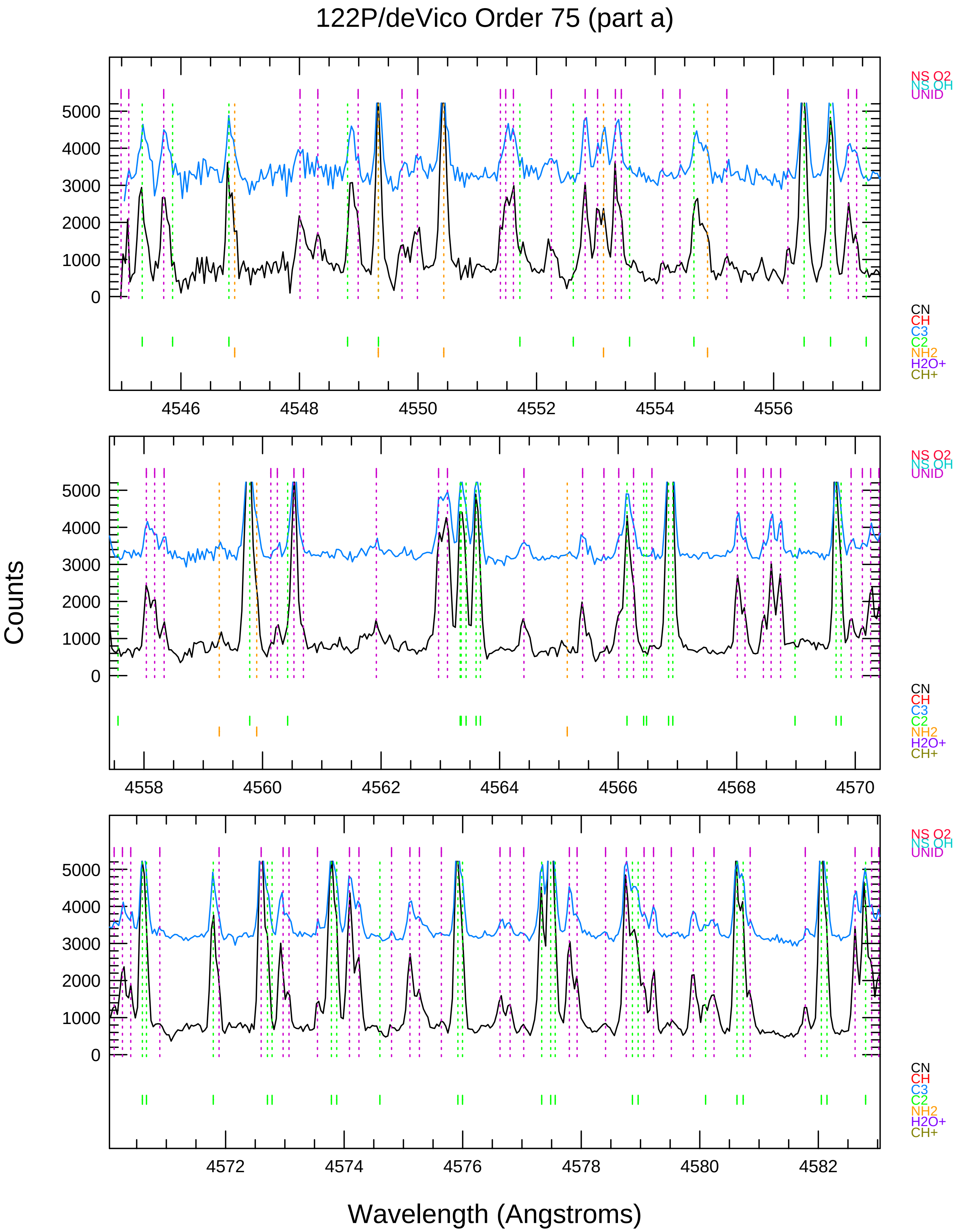

122P/deVico Order 77 (part a)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+
0
500
1000
1500
4428
4430
4432
4434
4436
4438
4440
4442
4444
4446
4448
4450
4452
4454
4456
4458
4460
4462



122P/deVico Order 77 (part b)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+


122P/deVico Order 76 (part a)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+
4000
2000
0
4486
4488
4490
4492
4494
4496
4498
4500
4502
4504
4506
4508
4510
4512
4514
4516
4518
4520
4522


122P/deVico Order 76 (part b)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+
4000
2000
0
4524
4526
4528
4530
4532
4534
4536
4538
4540
4542
4544
4546
4548
4550
4552
4554
4556
4558
4560


122P/deVico Order 75 (part a)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+
0
1000
2000
3000
4000
5000
4546
4548
4550
4552
4554
4556
4558
4560
4562
4564
4566
4568
4570
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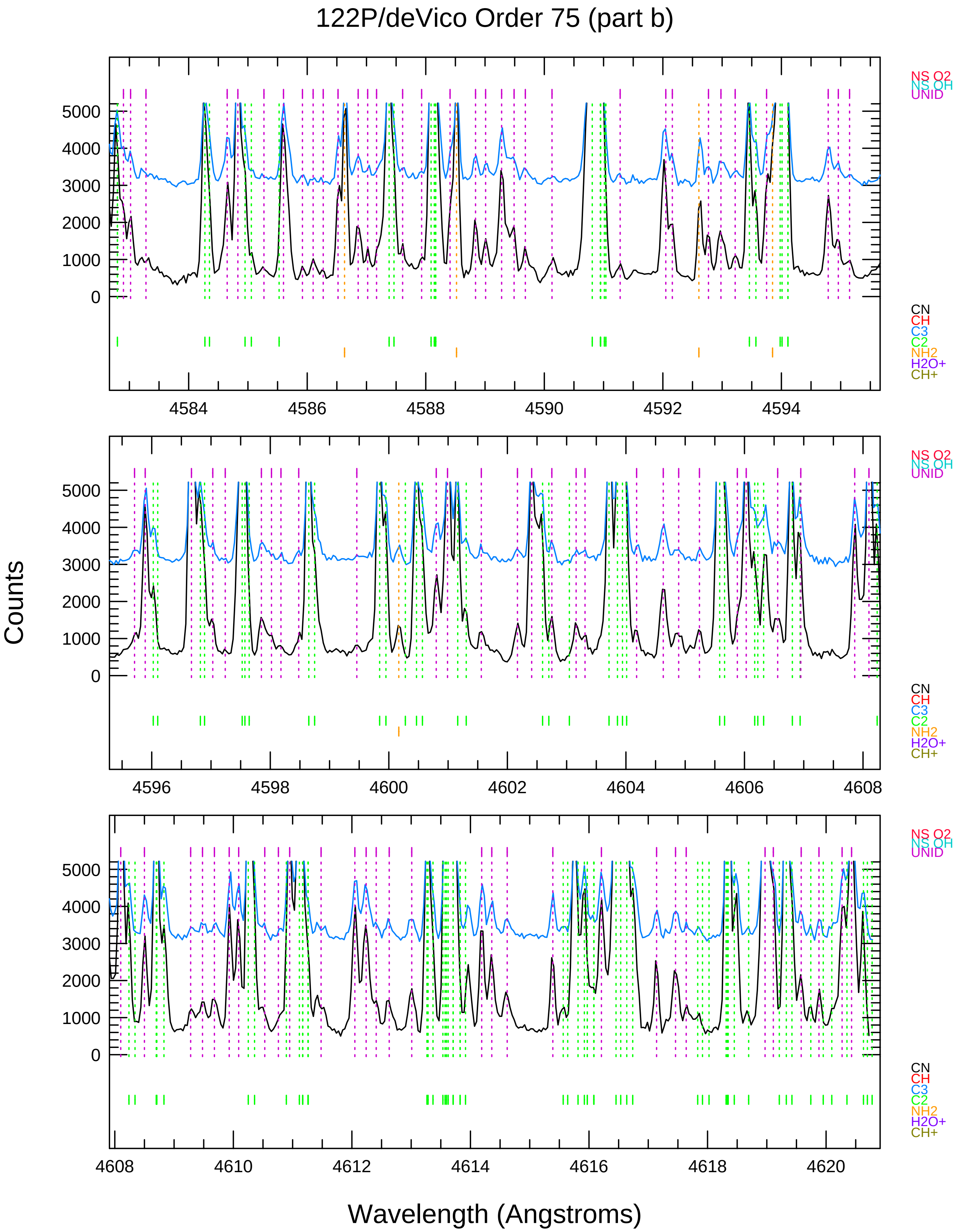
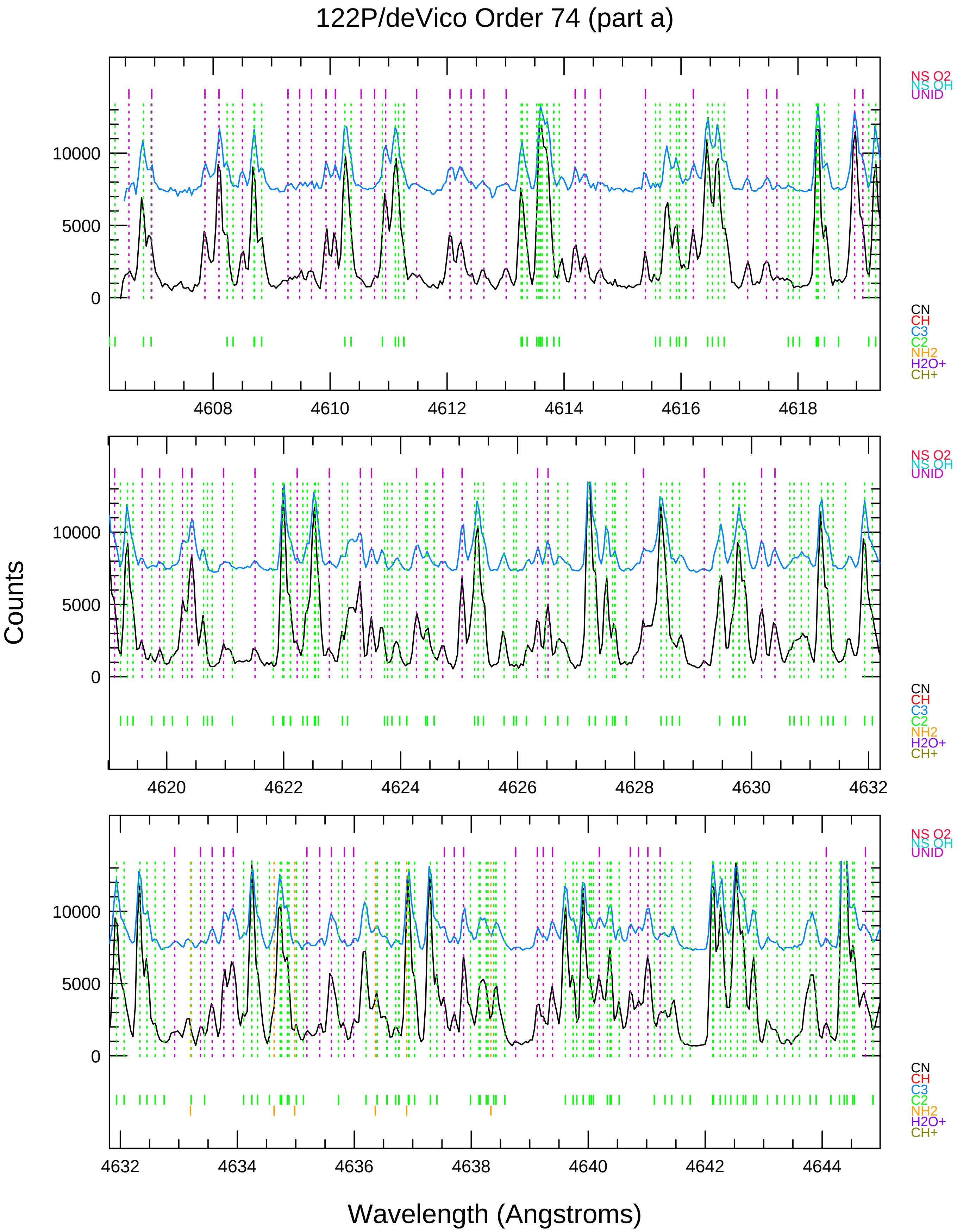
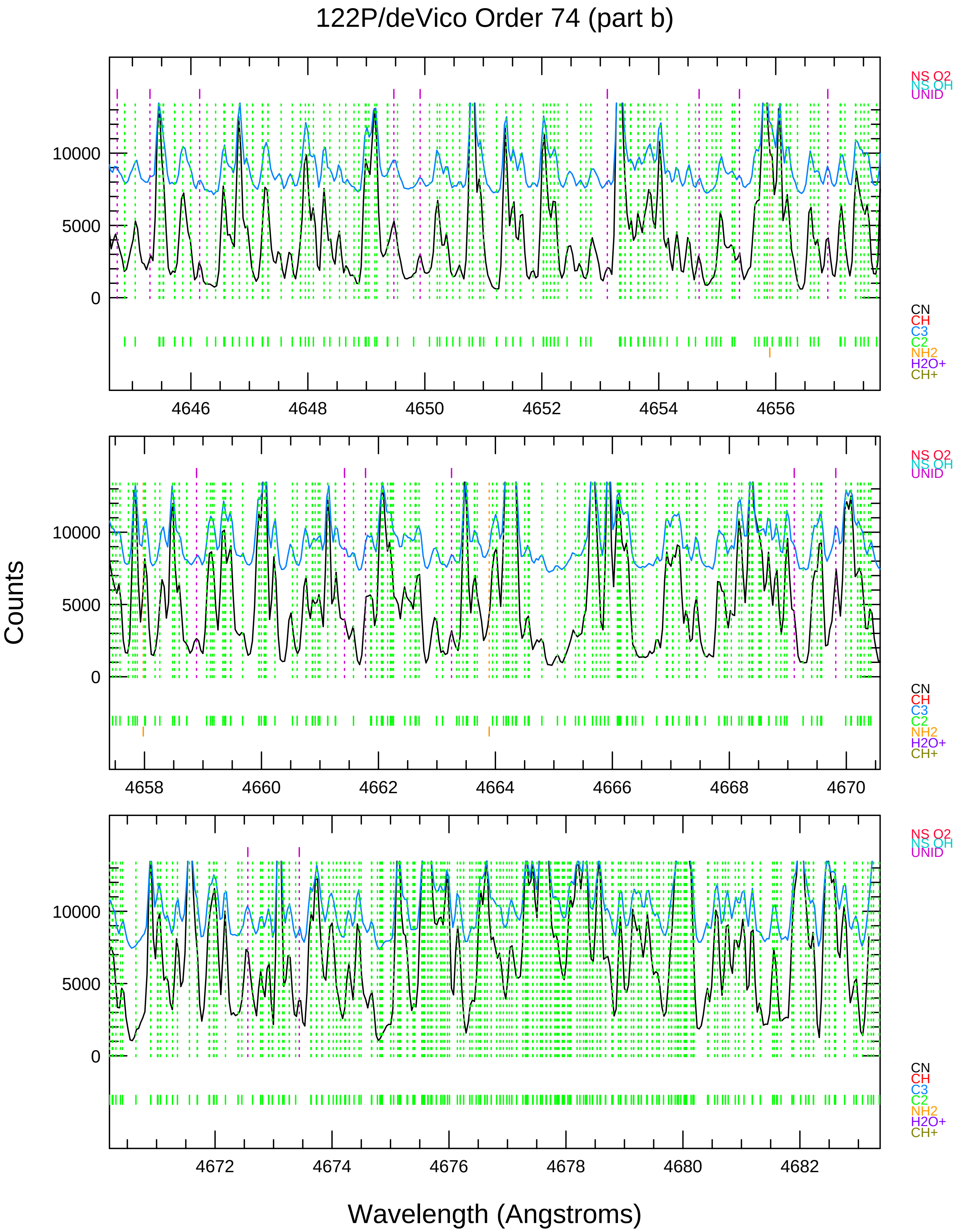
4576
4578
4580
4582



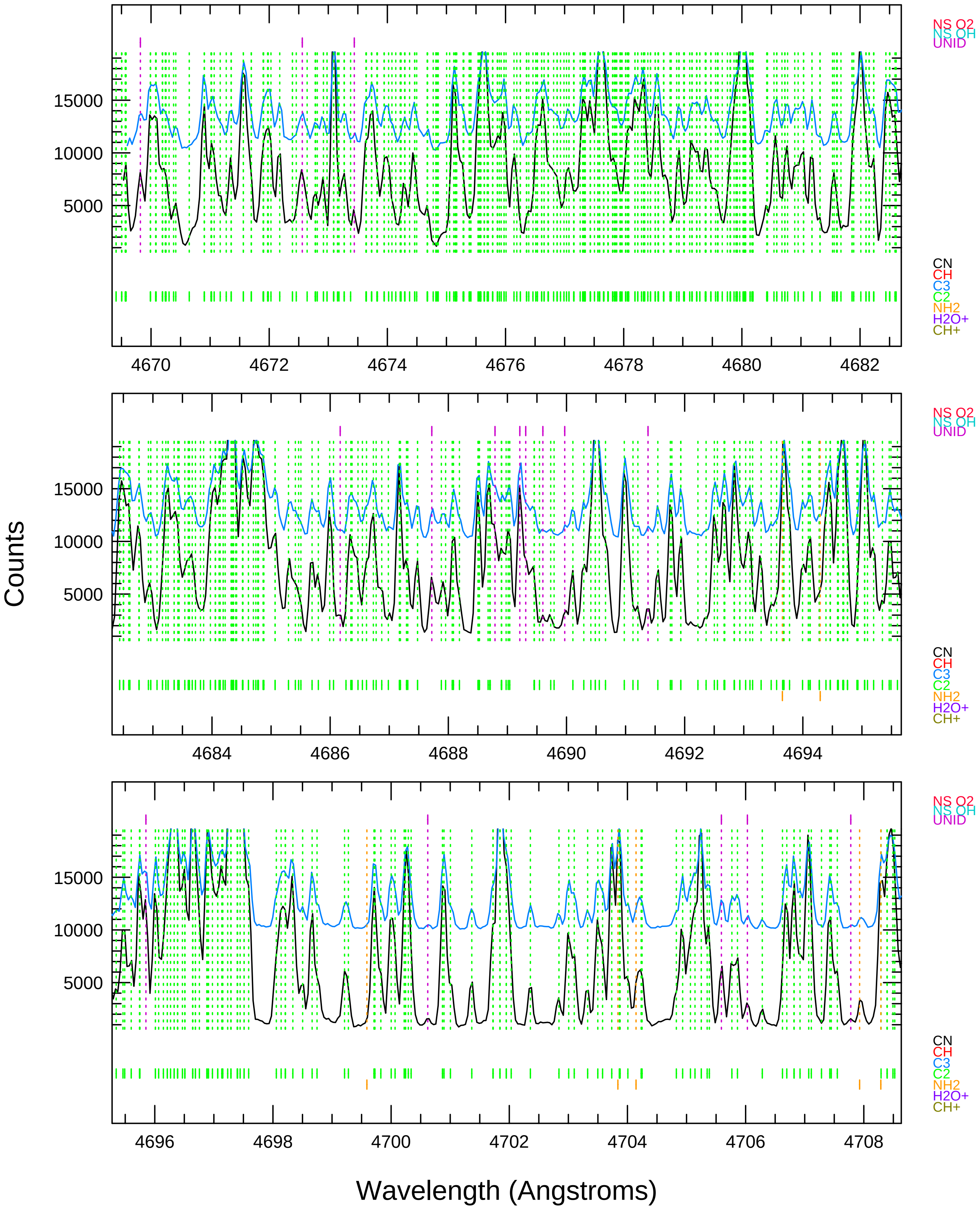
122P/deVico Order 75 (part b)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+

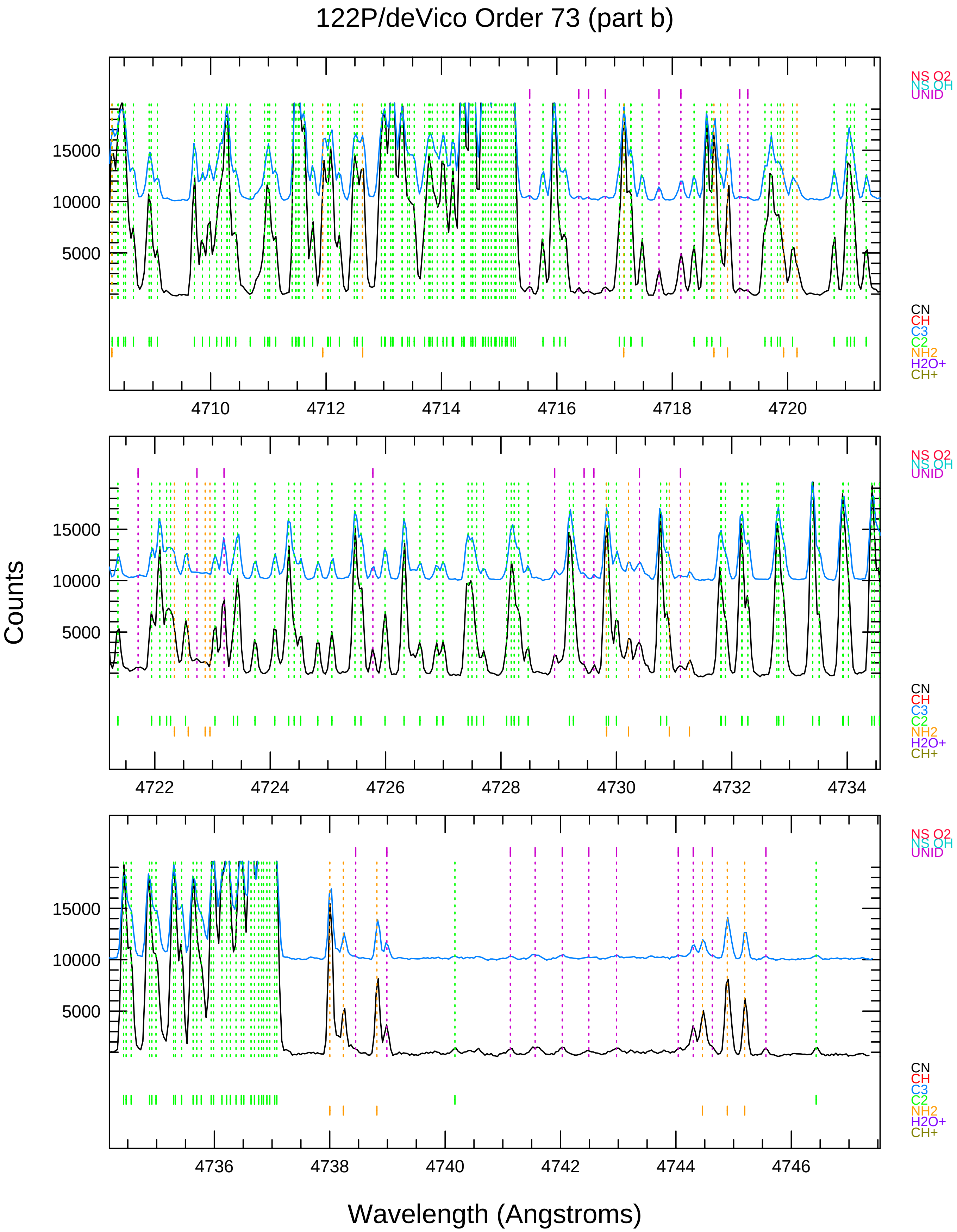

122P/deVico Order 74 (part a)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+
10000
5000
0
4608
4610
4612
4614
4616
4618
4620
4622
4624
4626
4628
4630
4632
4634
4636
4638
4640
4642
4644



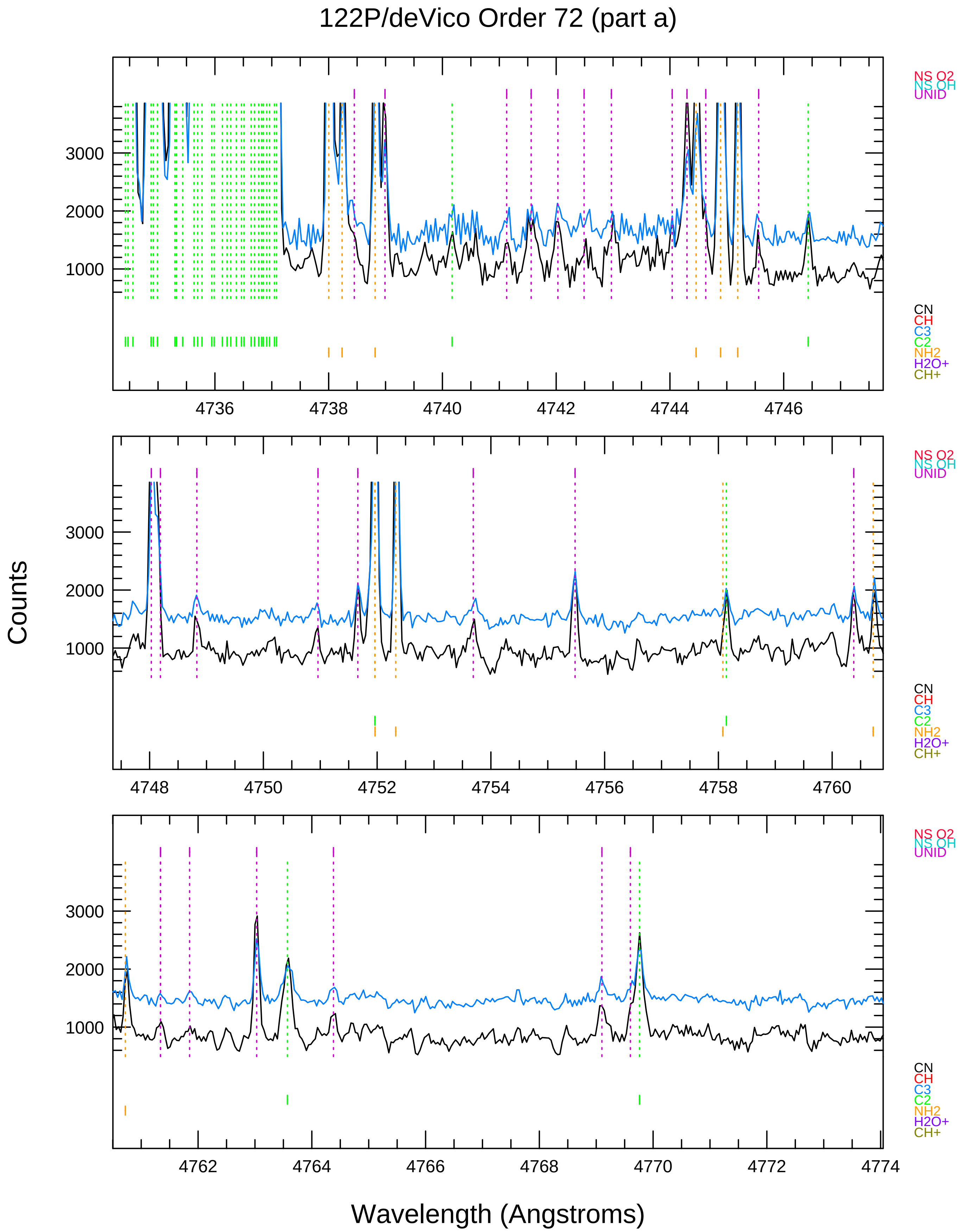
122P/deVico Order 74 (part b)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+
10000
5000
0
4646
4648
4650
4652
4654
4656
4658
4660
4662
4664
4666
4668
4670
4672
4674
4676
4678
4680
4682

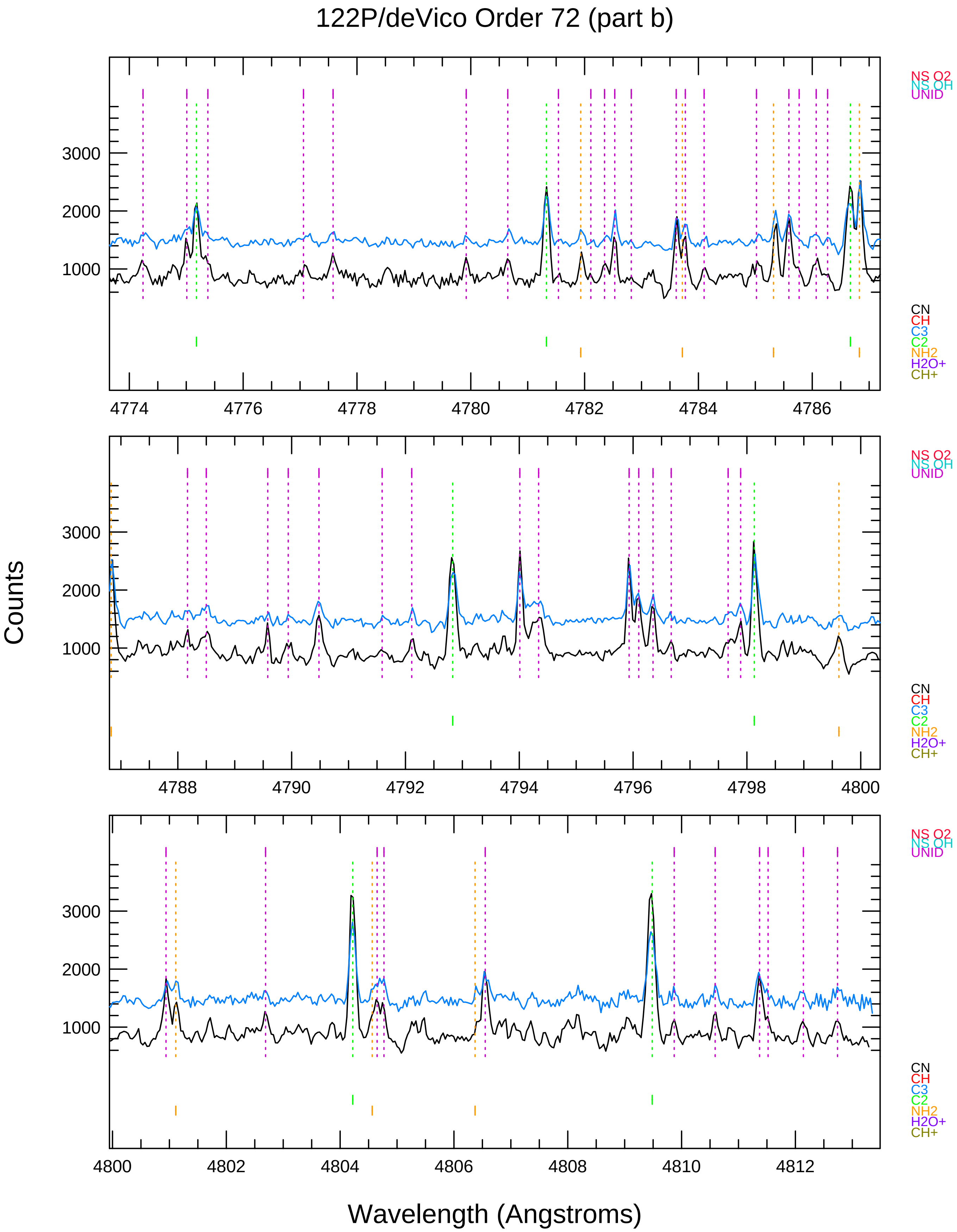
122P/deVico Order 73 (part a)

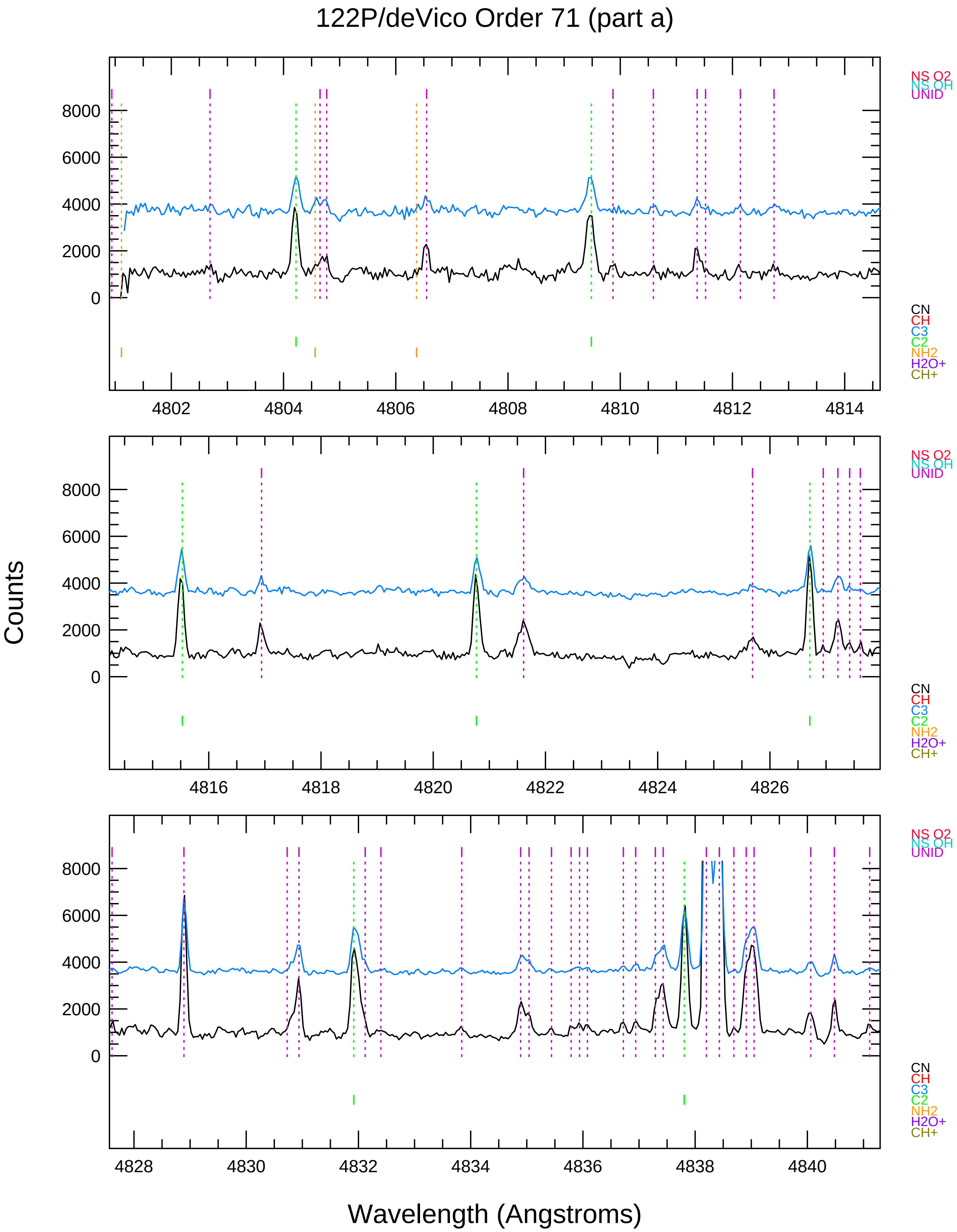


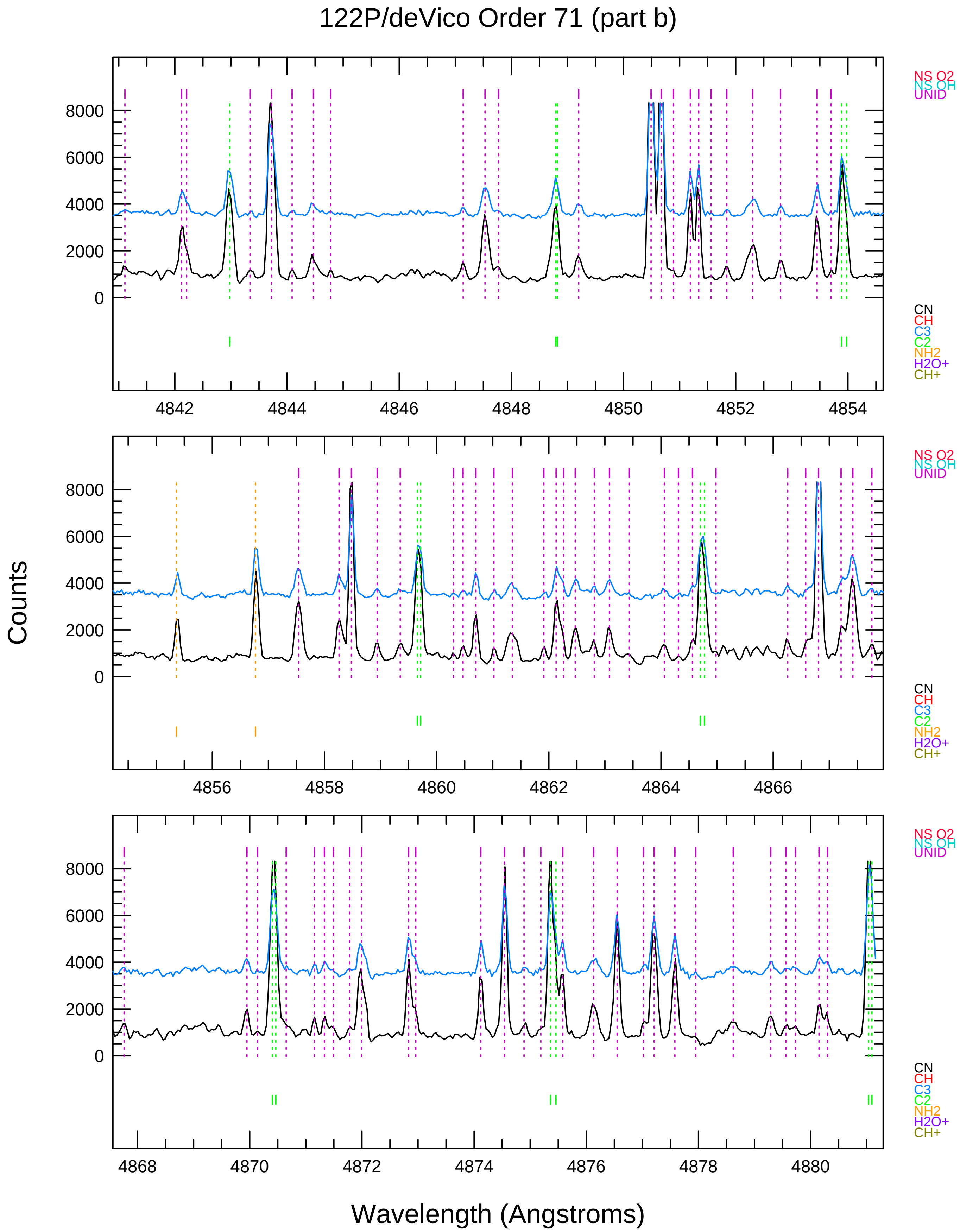


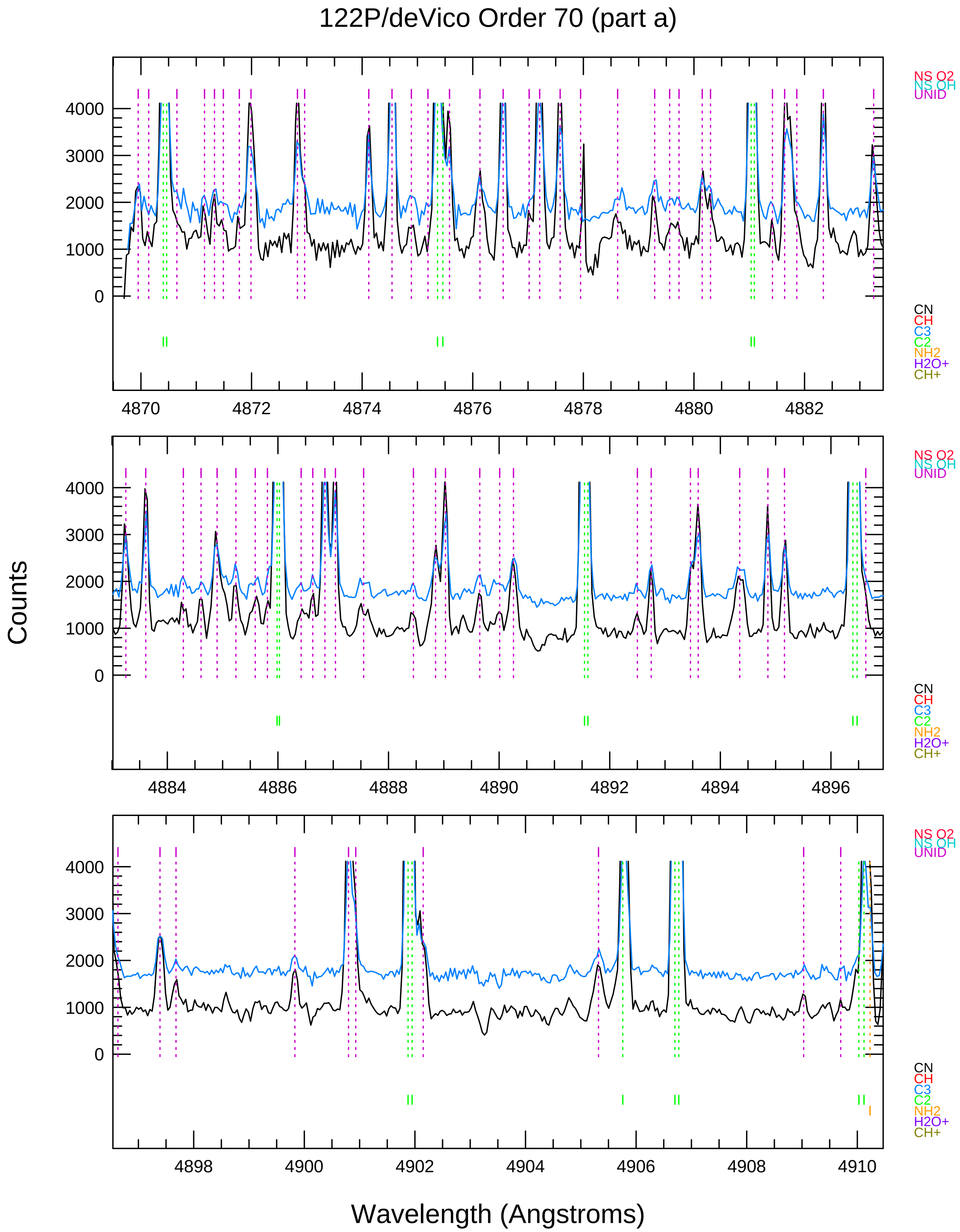
122P/deVico Order 73 (part b)
Counts
Wavelength (Angstroms)
15000
10000
5000
4710
4712
4714
4716
4718
4720
4722
4724
4726
4728
4730
4732
4734
4736
4738
4740
4742
4744
4746
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+


122P/deVico Order 72 (part a)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+


122P/deVico Order 72 (part b)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+
3000
2000
1000
4774
4776
4778
4780
4782
4784
4786
4788
4790
4792
4794
4796
4798
4800
4802
4804
4806
4808
4810
4812

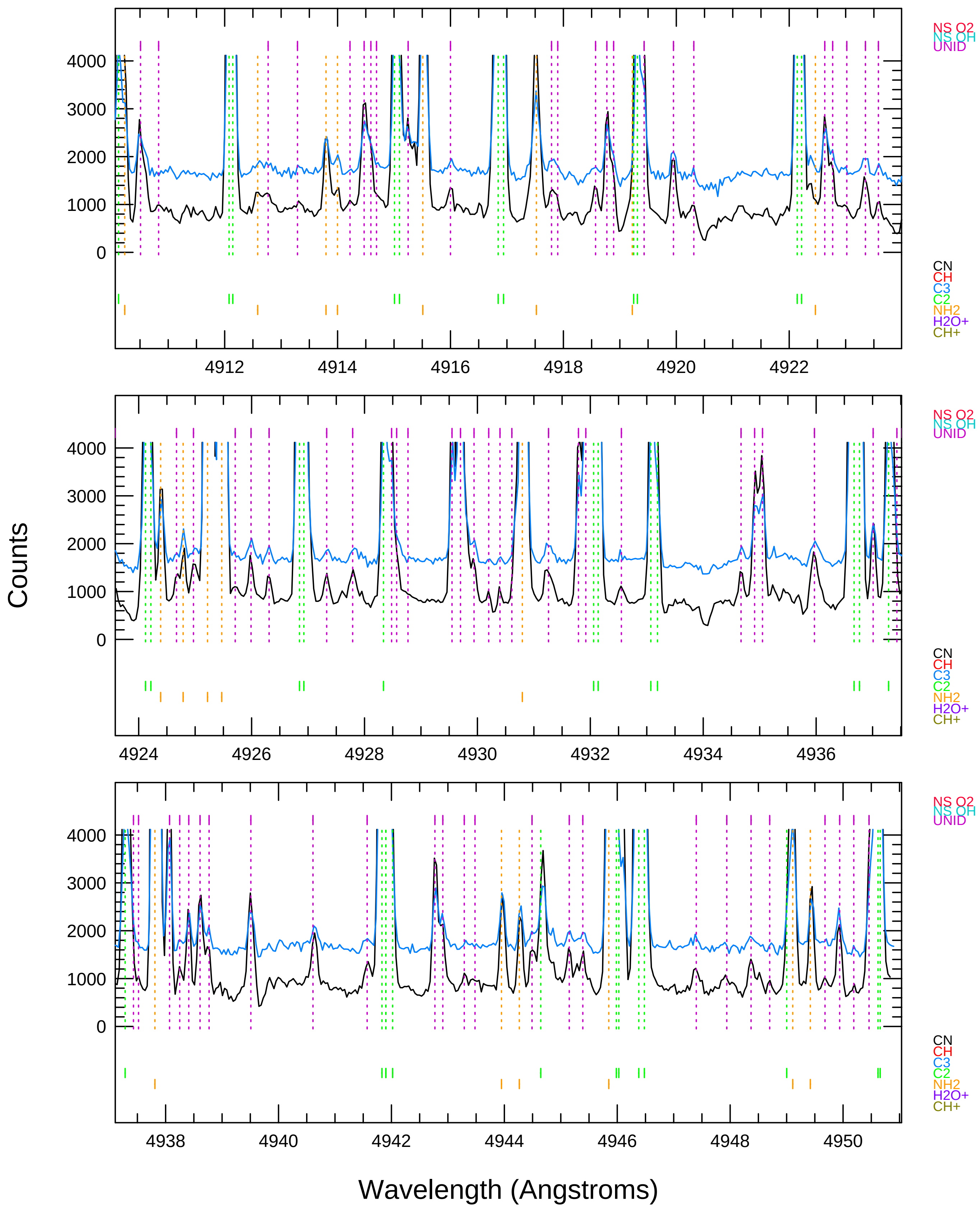

122P/deVico Order 71 (part a)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+
8000
6000
4000
2000
0
4802
4804
4806
4808
4810
4812
4814
4816
4818
4820
4822
4824
4826
4828
4830
4832
4834
4836
4838
4840


122P/deVico Order 71 (part b)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+

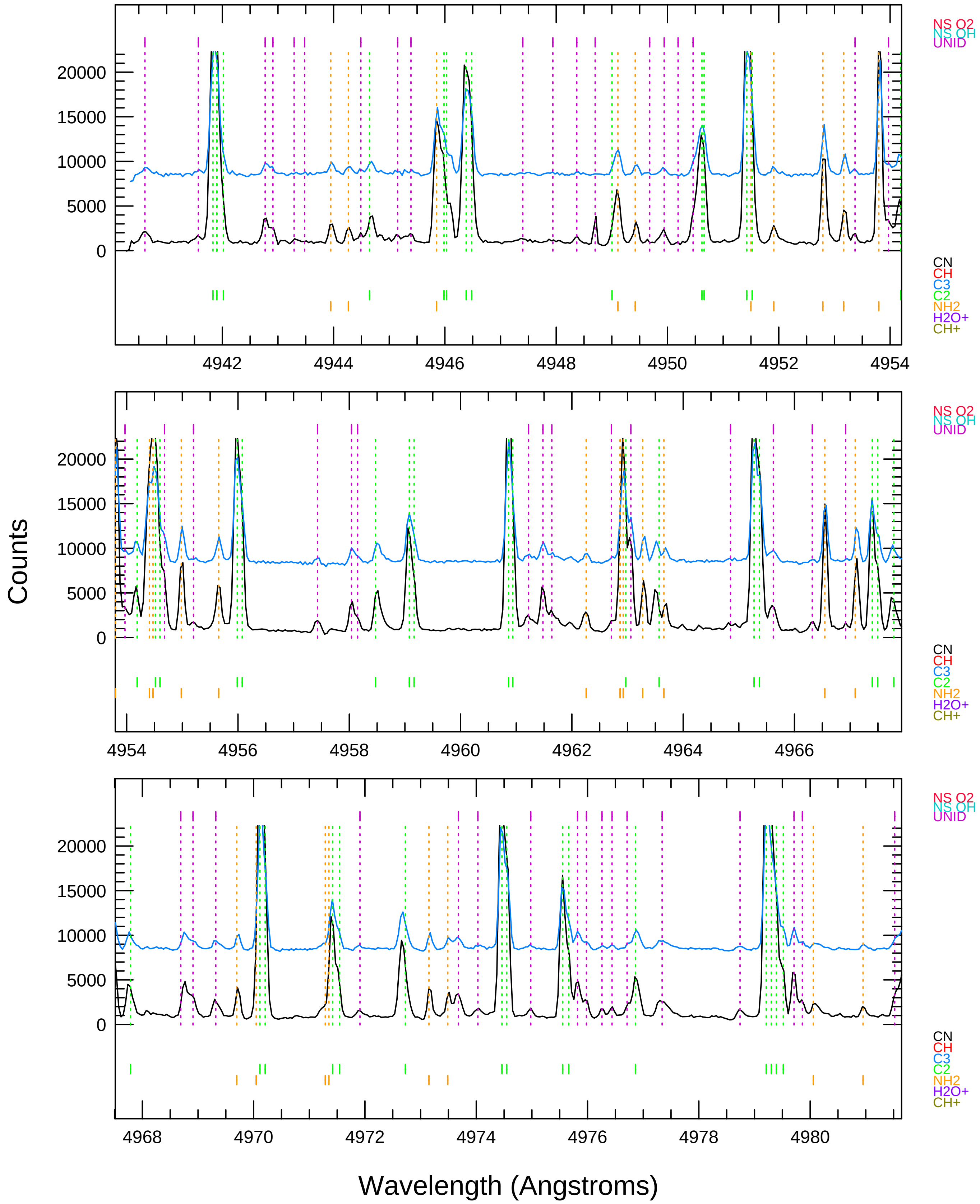


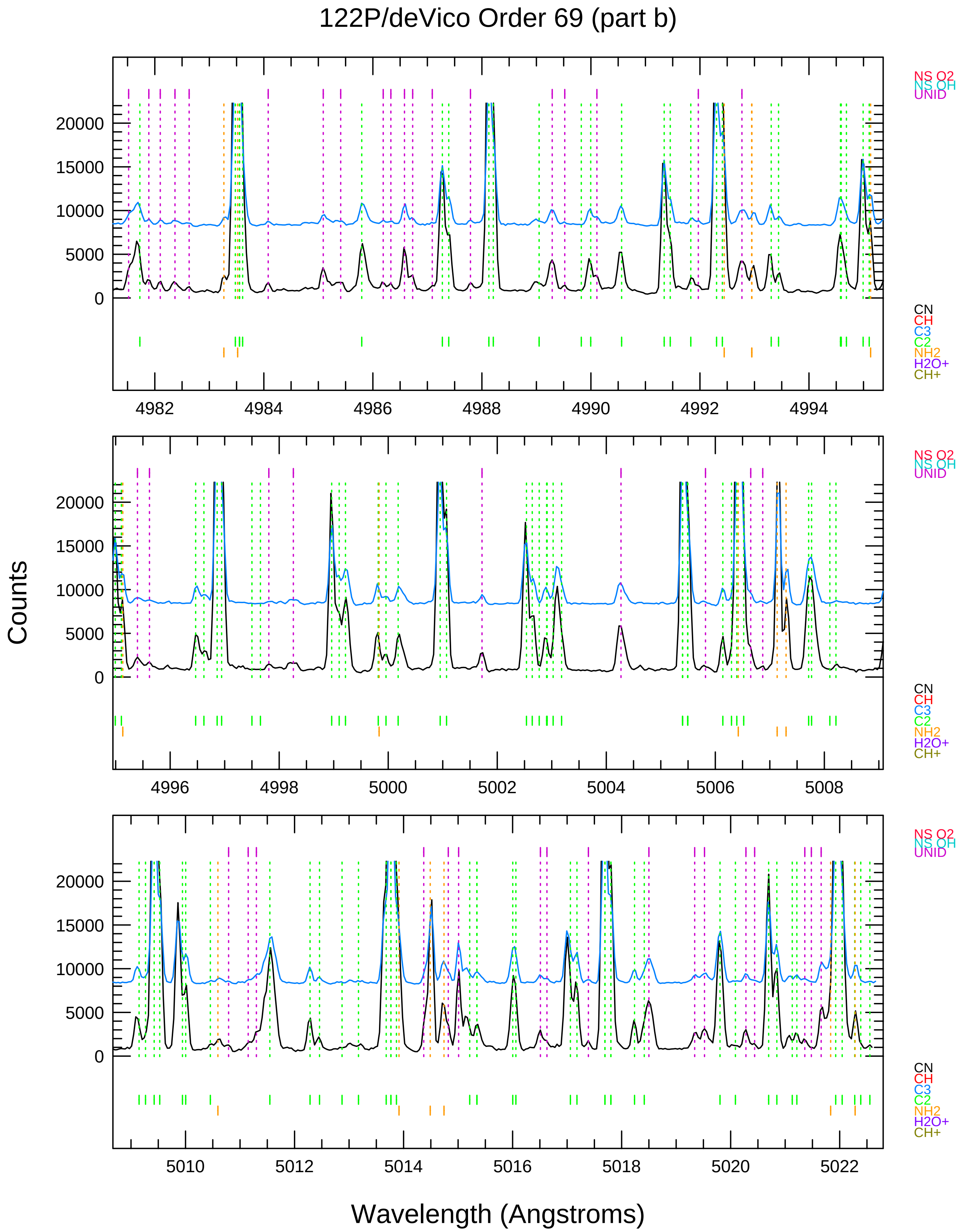
122P/deVico Order 70 (part a)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+

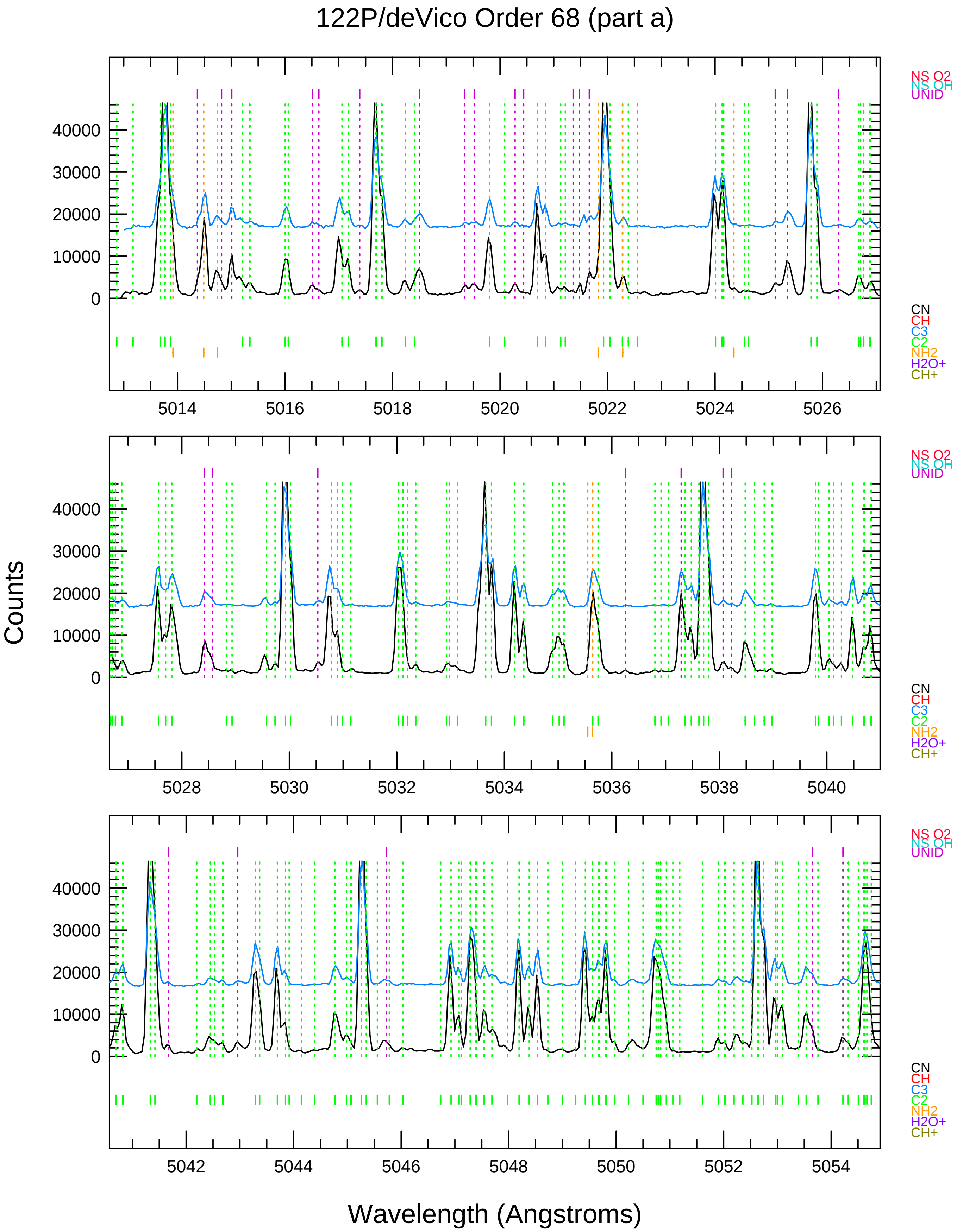
122P/deVico Order 70 (part b)



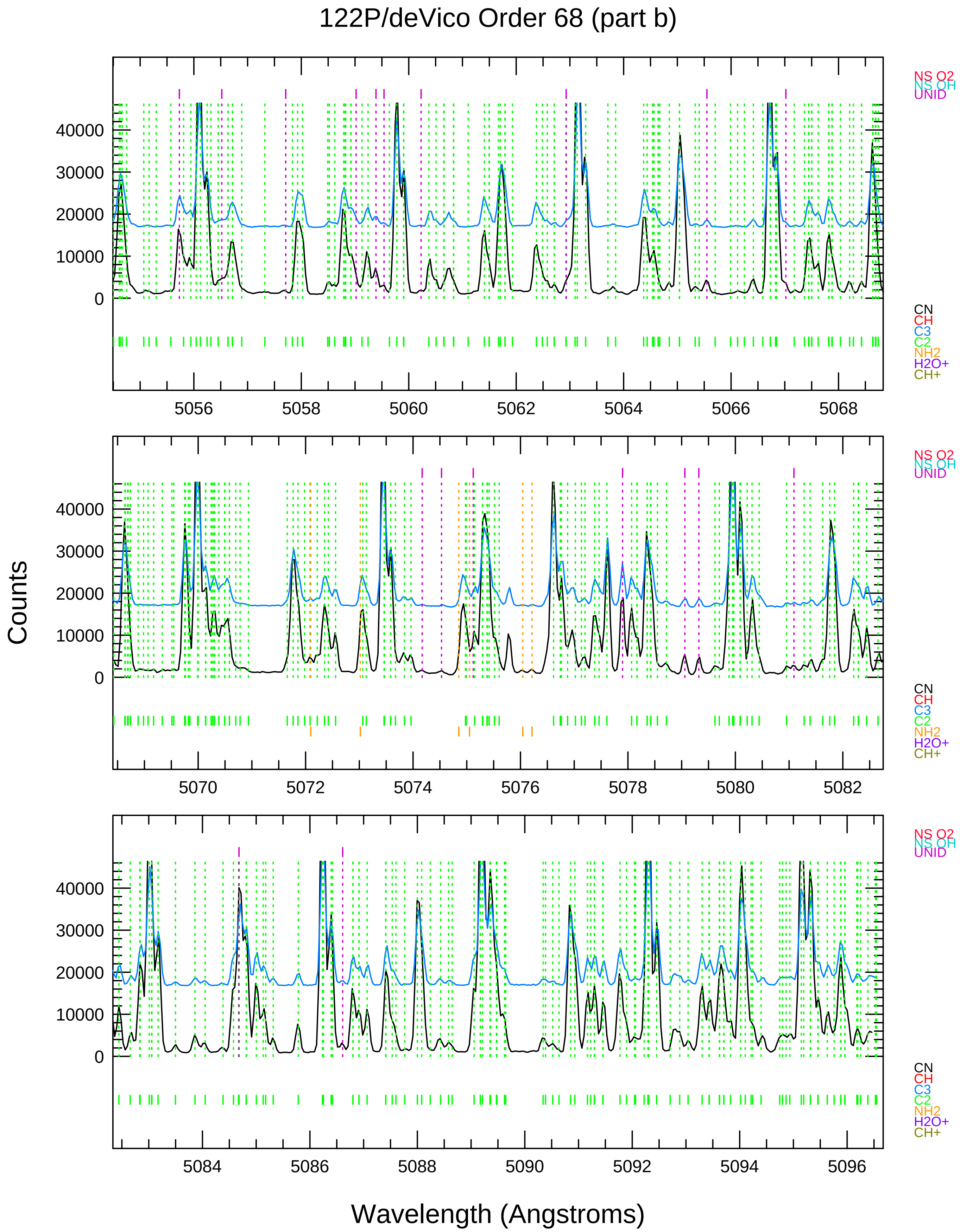
122P/deVico Order 69 (part a)



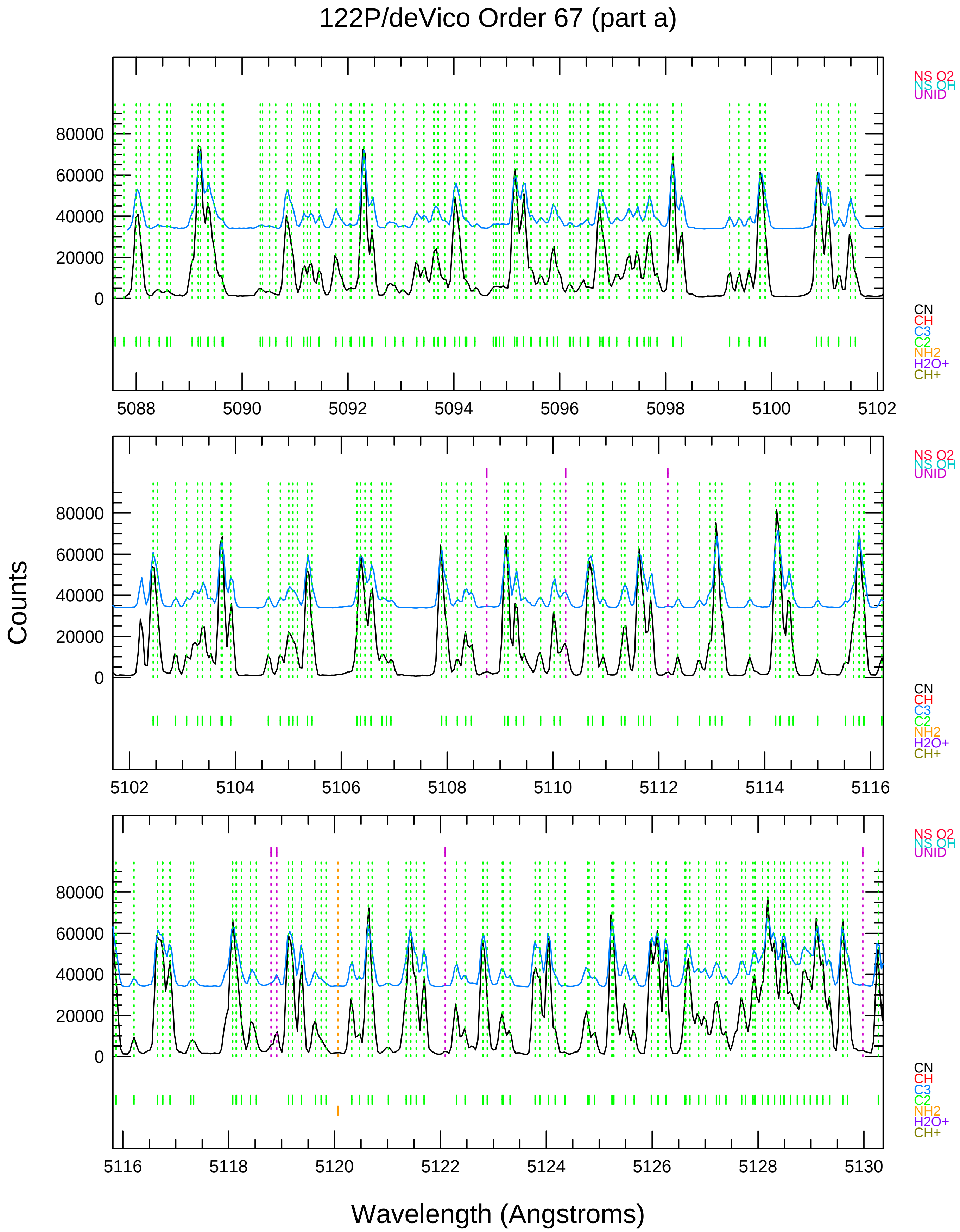

122P/deVico Order 69 (part b)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+
0
5000
10000
15000
20000
4982
4984
4986
4988
4990
4992
4994
4996
4998
5000
5002
5004
5006
5008
5010
5012
5014
5016
5018
5020
5022



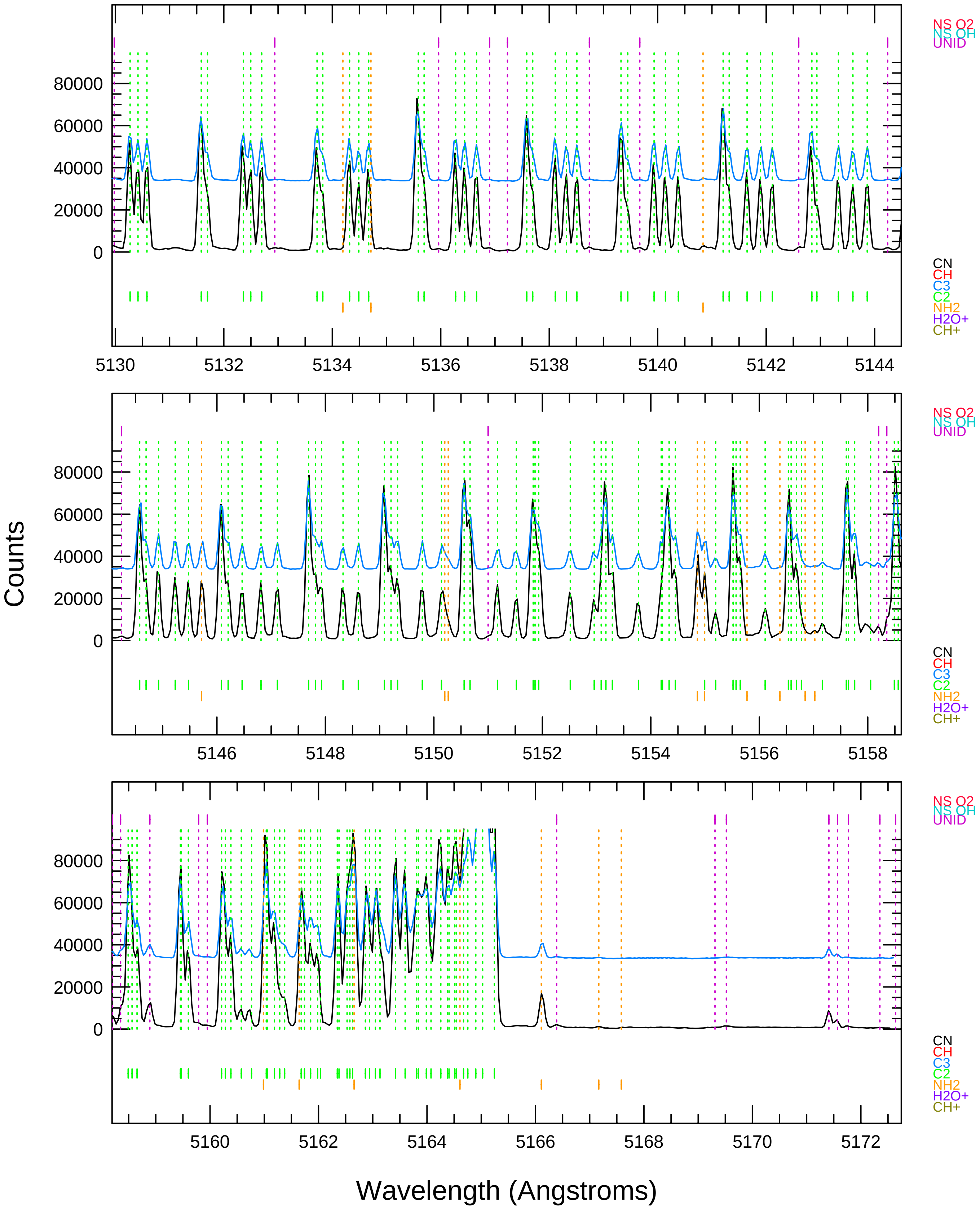
122P/deVico Order 68 (part a)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+

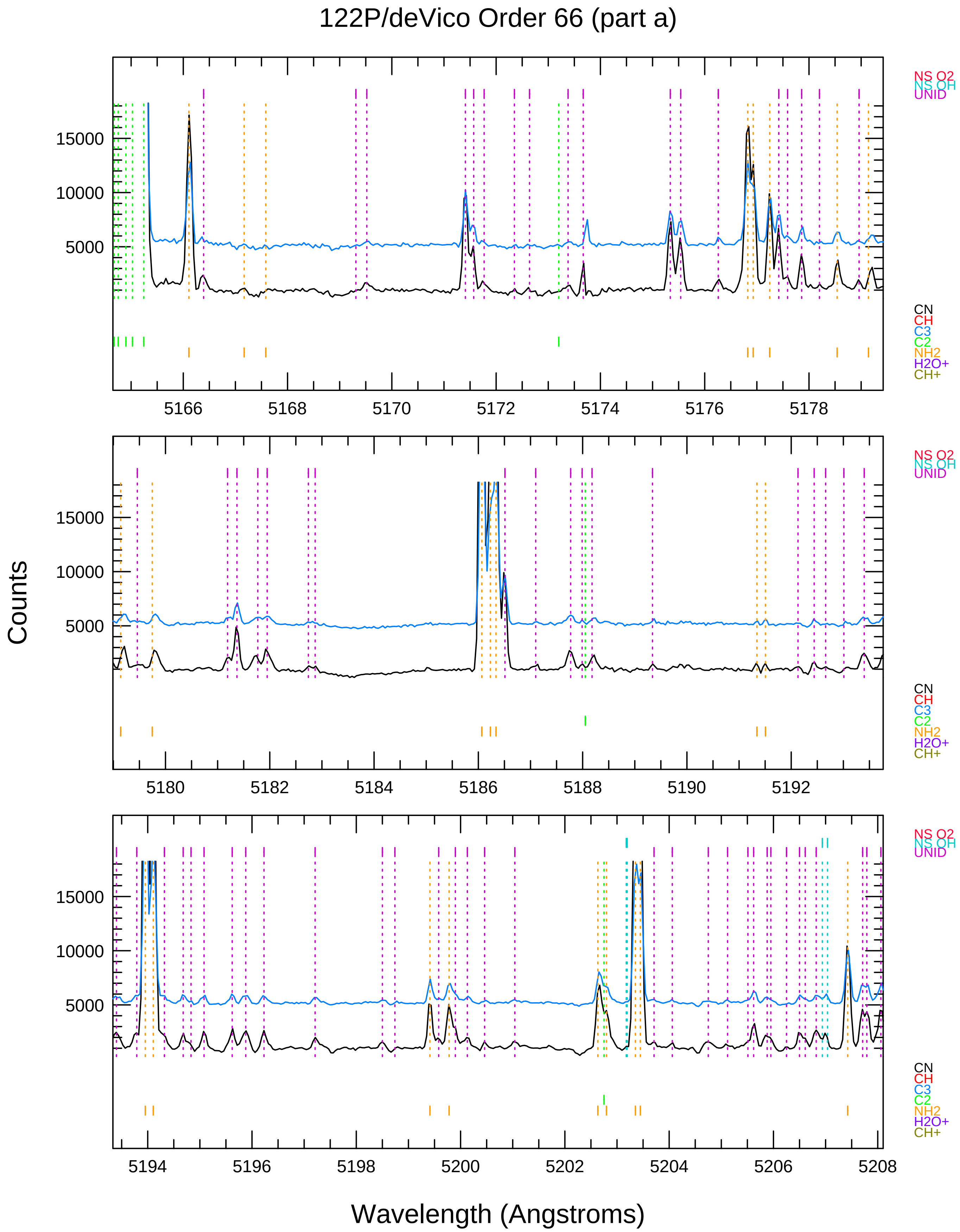


122P/deVico Order 68 (part b)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+

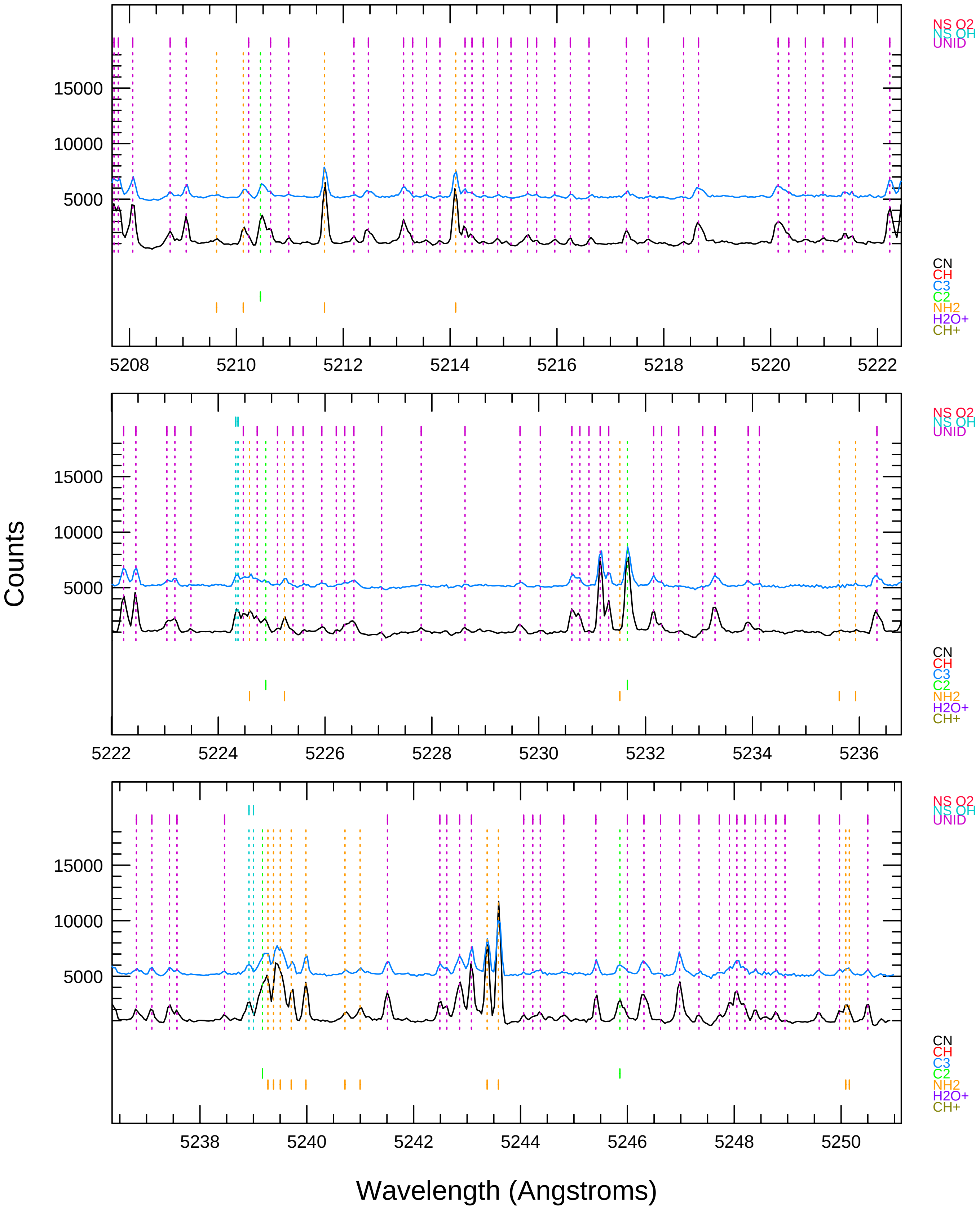

122P/deVico Order 67 (part a)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+

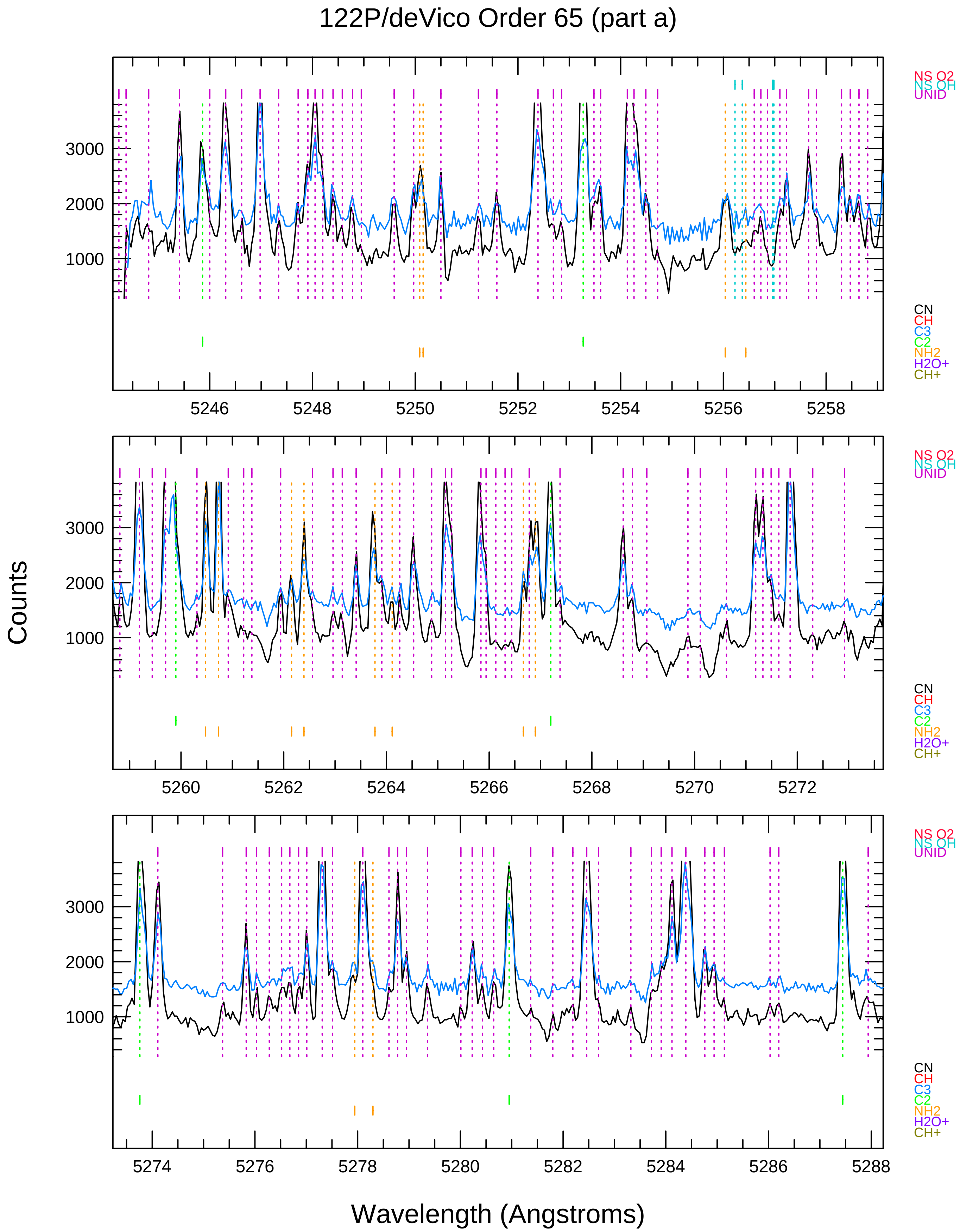
122P/deVico Order 67 (part b)



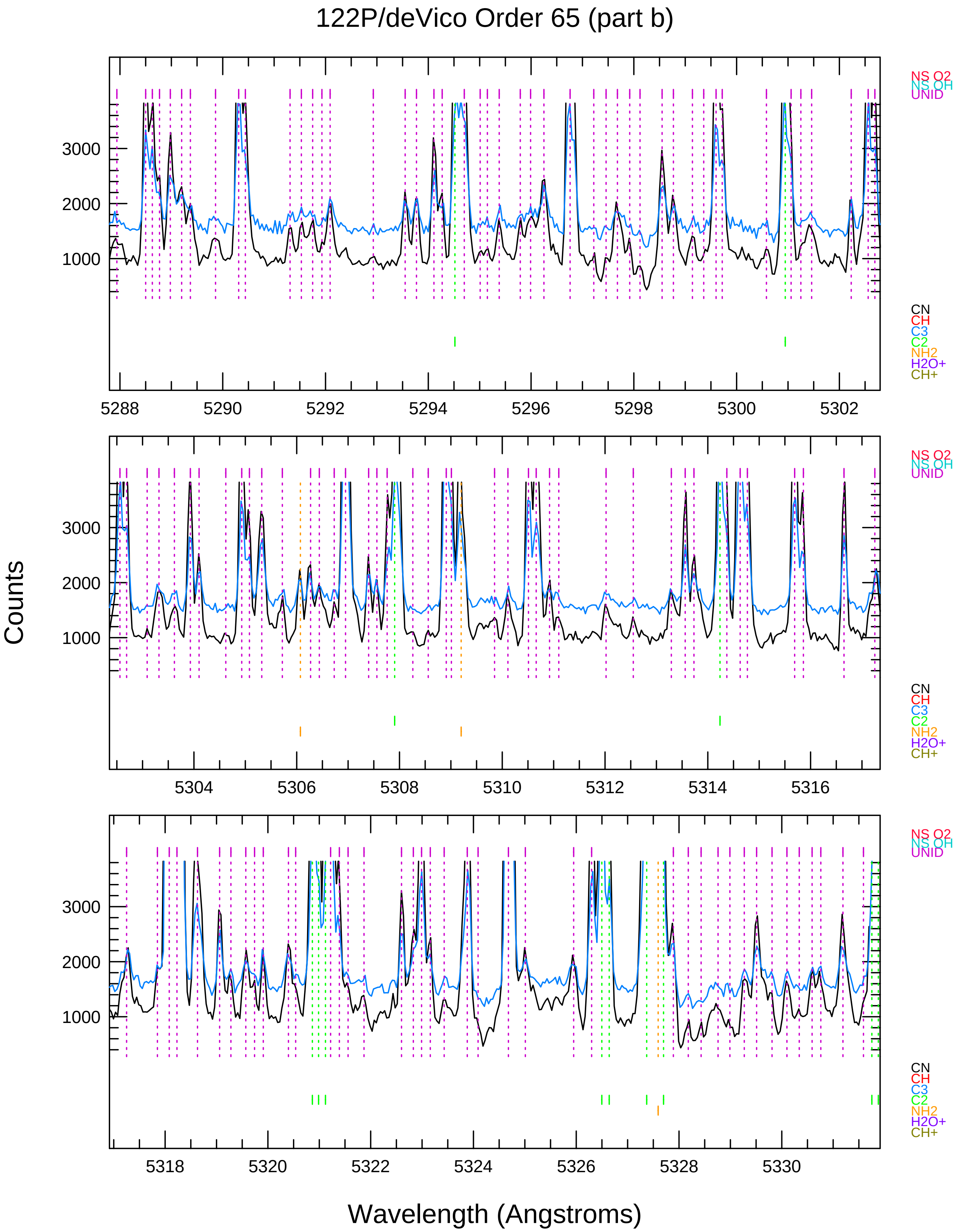

122P/deVico Order 66 (part a)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+
5000
10000
15000
5166
5168
5170
5172
5174
5176
5178
5180
5182
5184
5186
5188
5190
5192
5194
5196
5198
5200
5202
5204
5206
5208

122P/deVico Order 66 (part b)



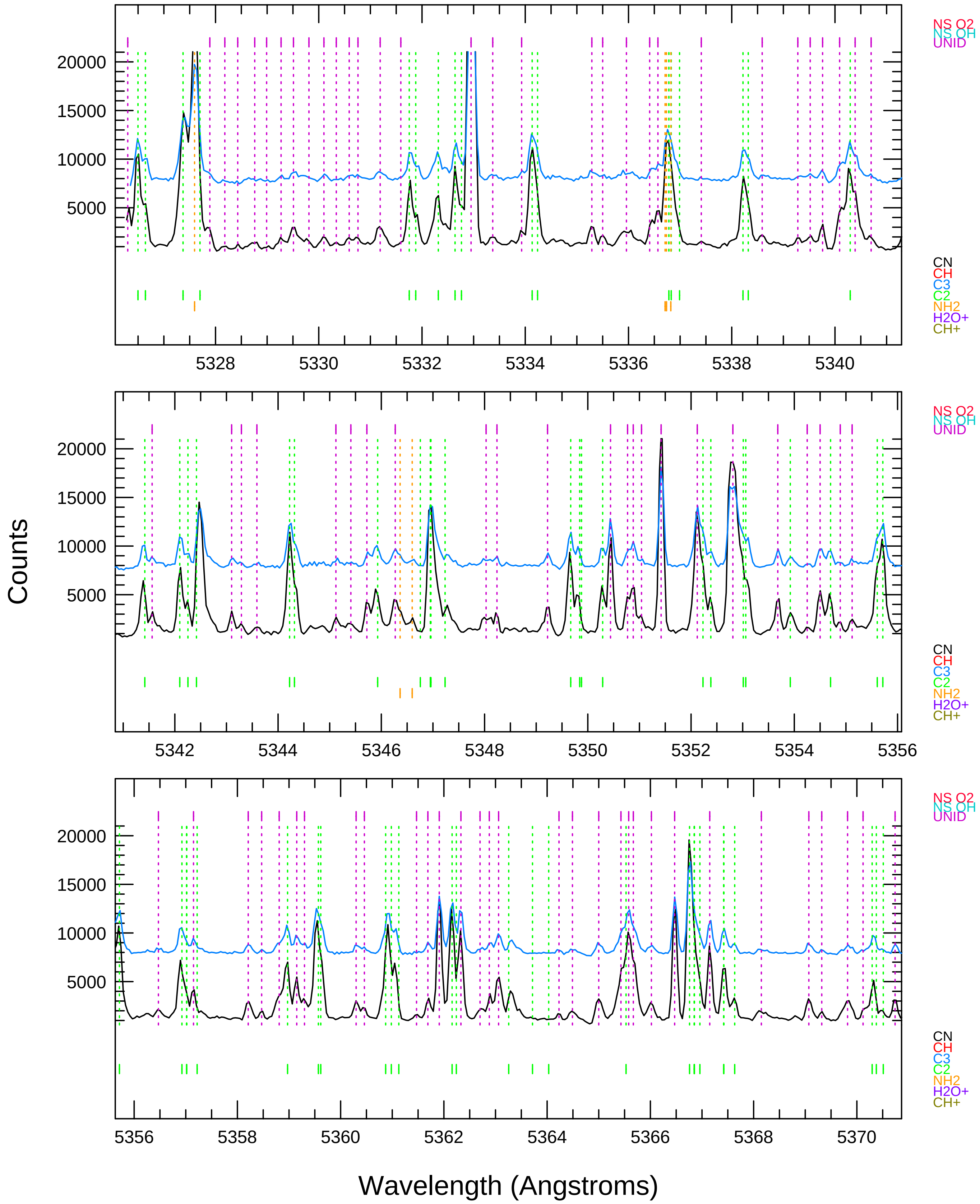


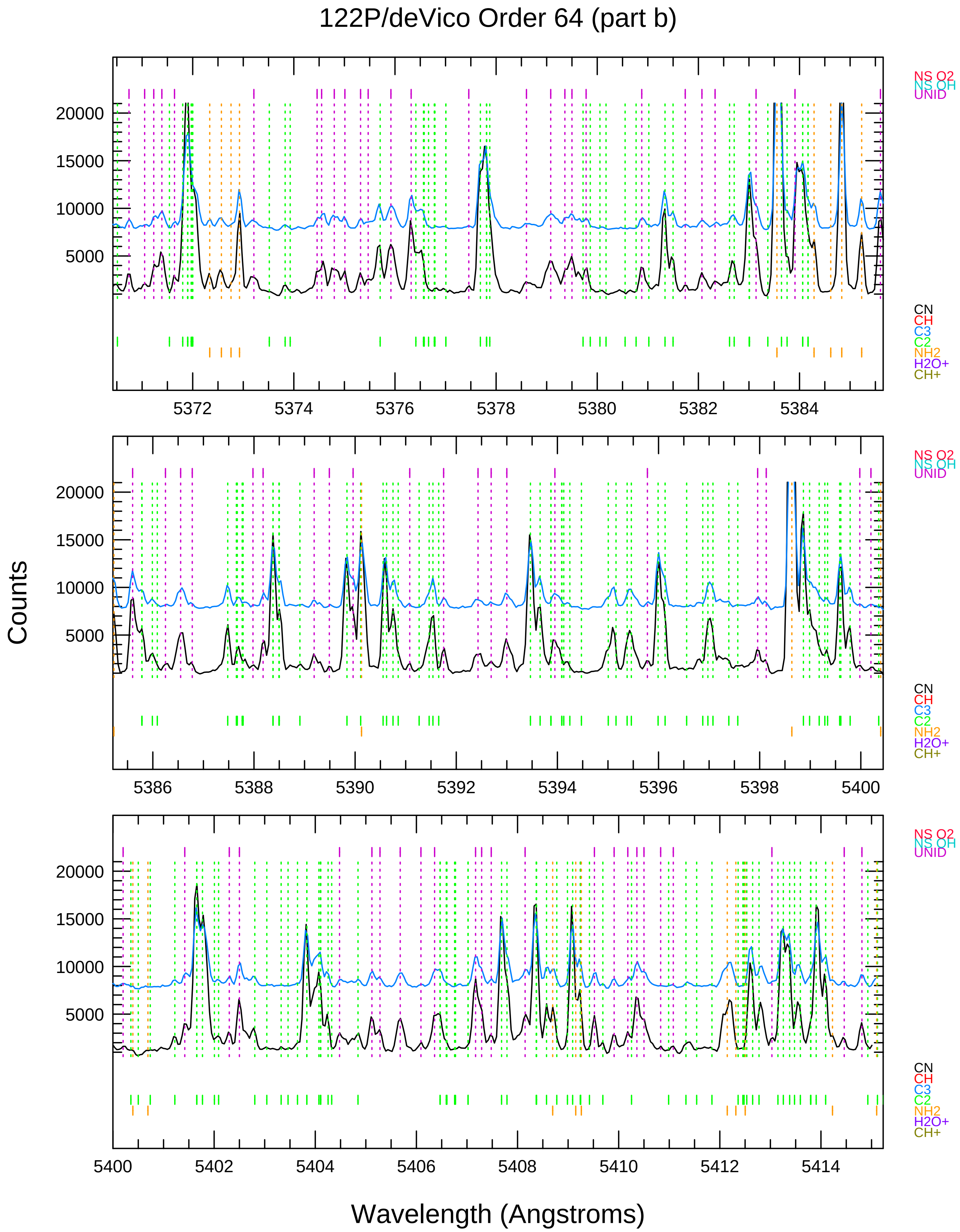
122P/deVico Order 65 (part a)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+



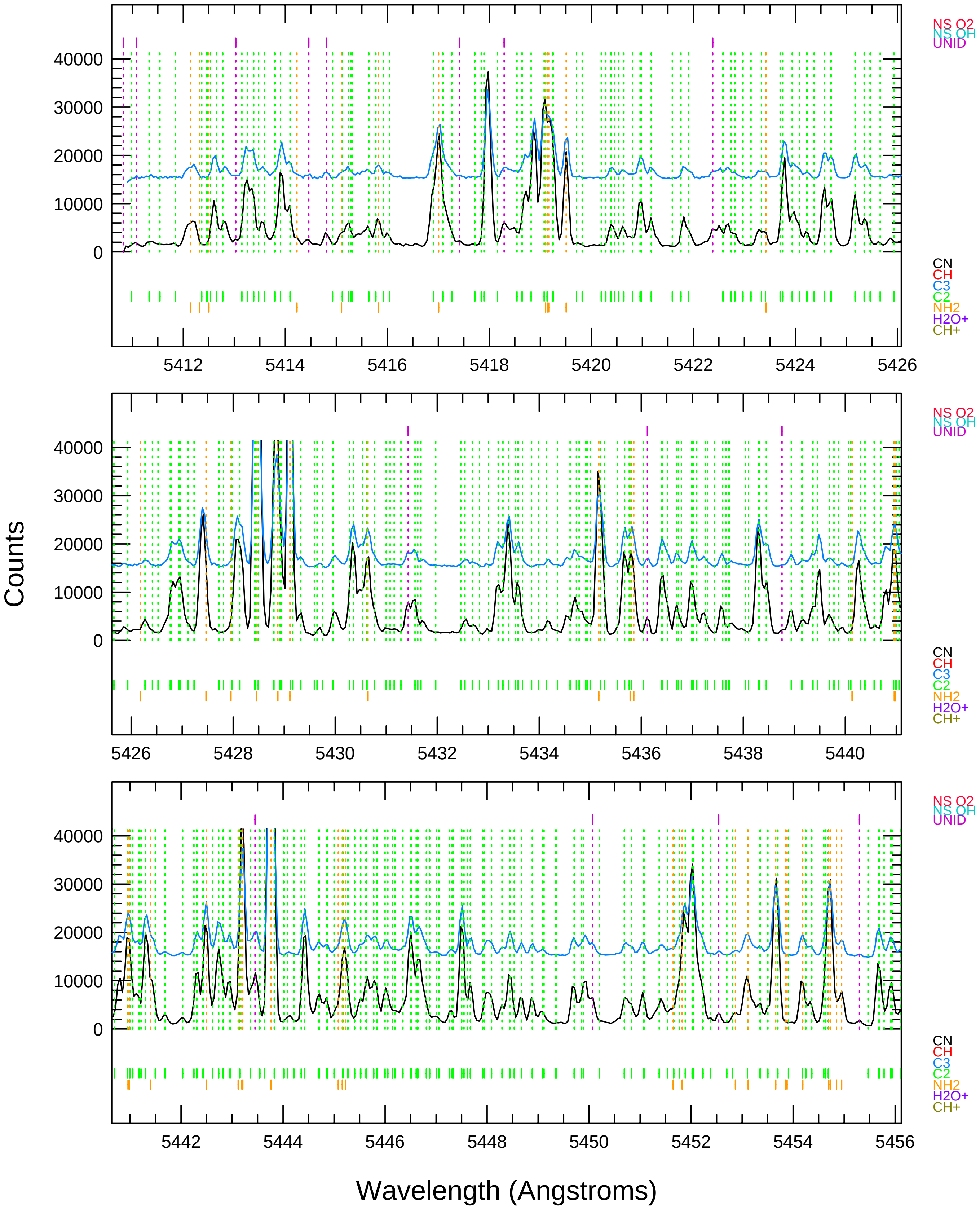
122P/deVico Order 65 (part b)
Counts
Wavelength (Angstroms)
3000
2000
1000
5288
5290
5292
5294
5296
5298
5300
5302
5304
5306
5308
5310
5312
5314
5316
5318
5320
5322
5324
5326
5328
5330
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+

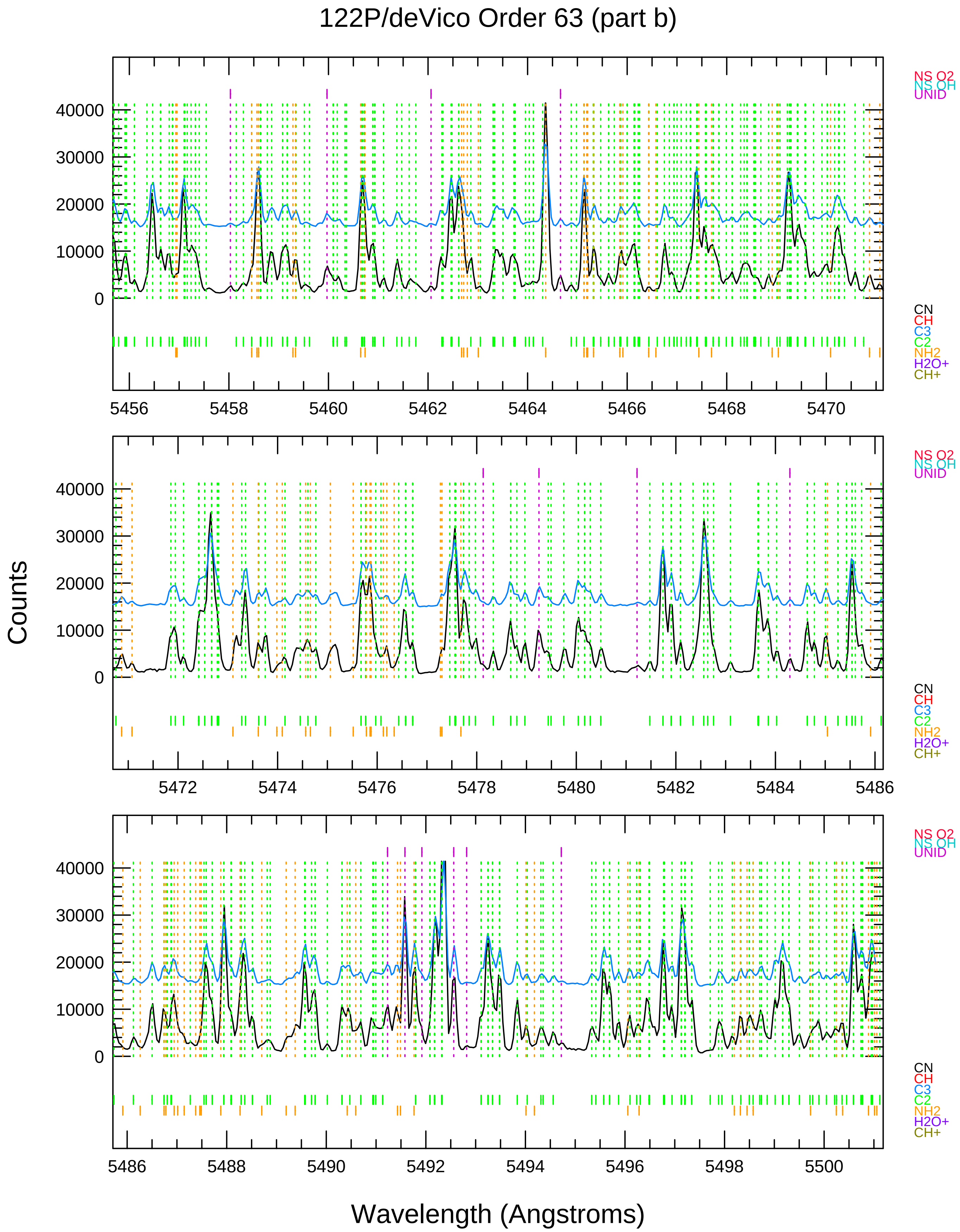
122P/deVico Order 64 (part a)



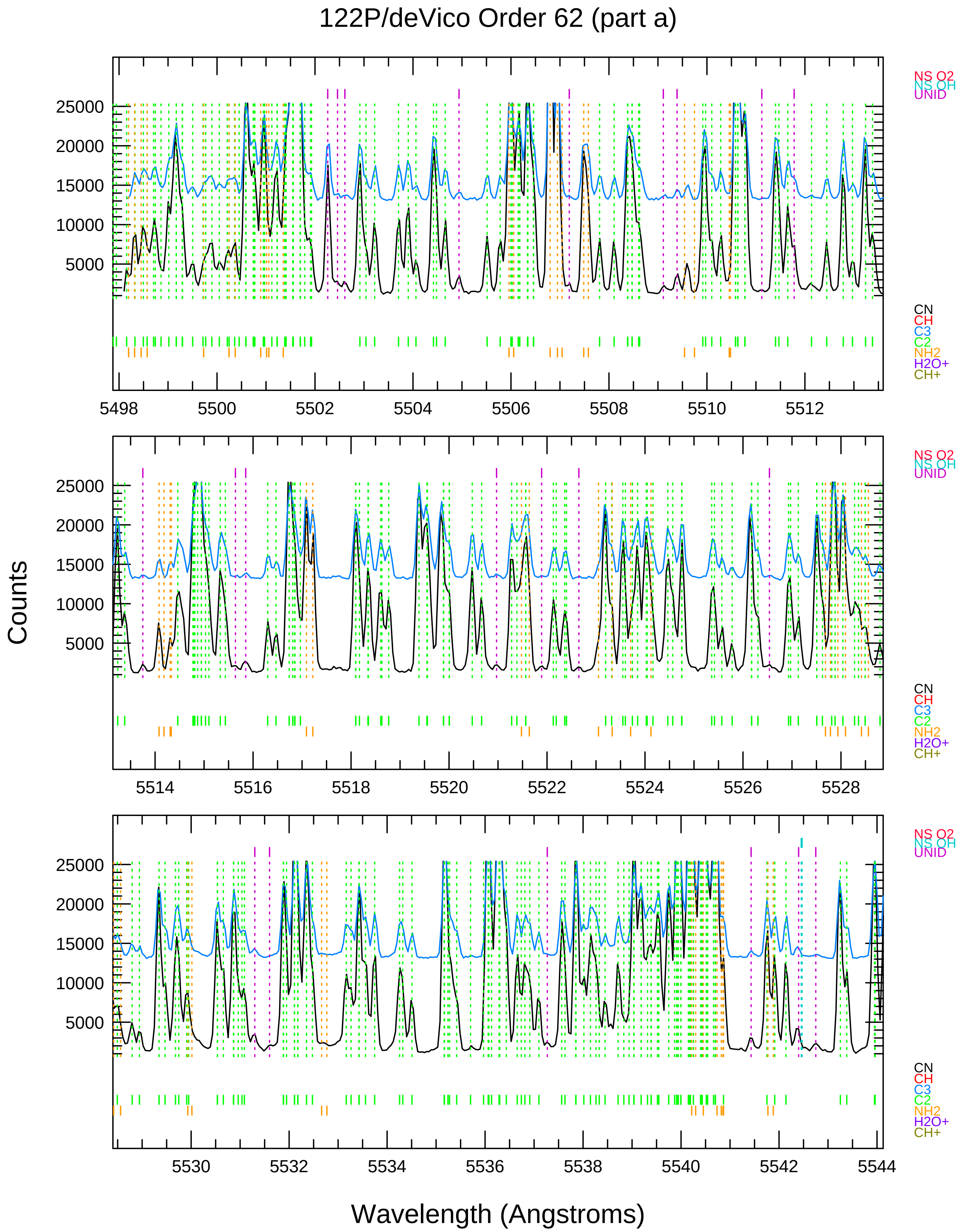

122P/deVico Order 64 (part b)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+
20000
15000
10000
5000
5372
5374
5376
5378
5380
5382
5384
5386
5388
5390
5392
5394
5396
5398
5400
5402
5404
5406
5408
5410
5412
5414

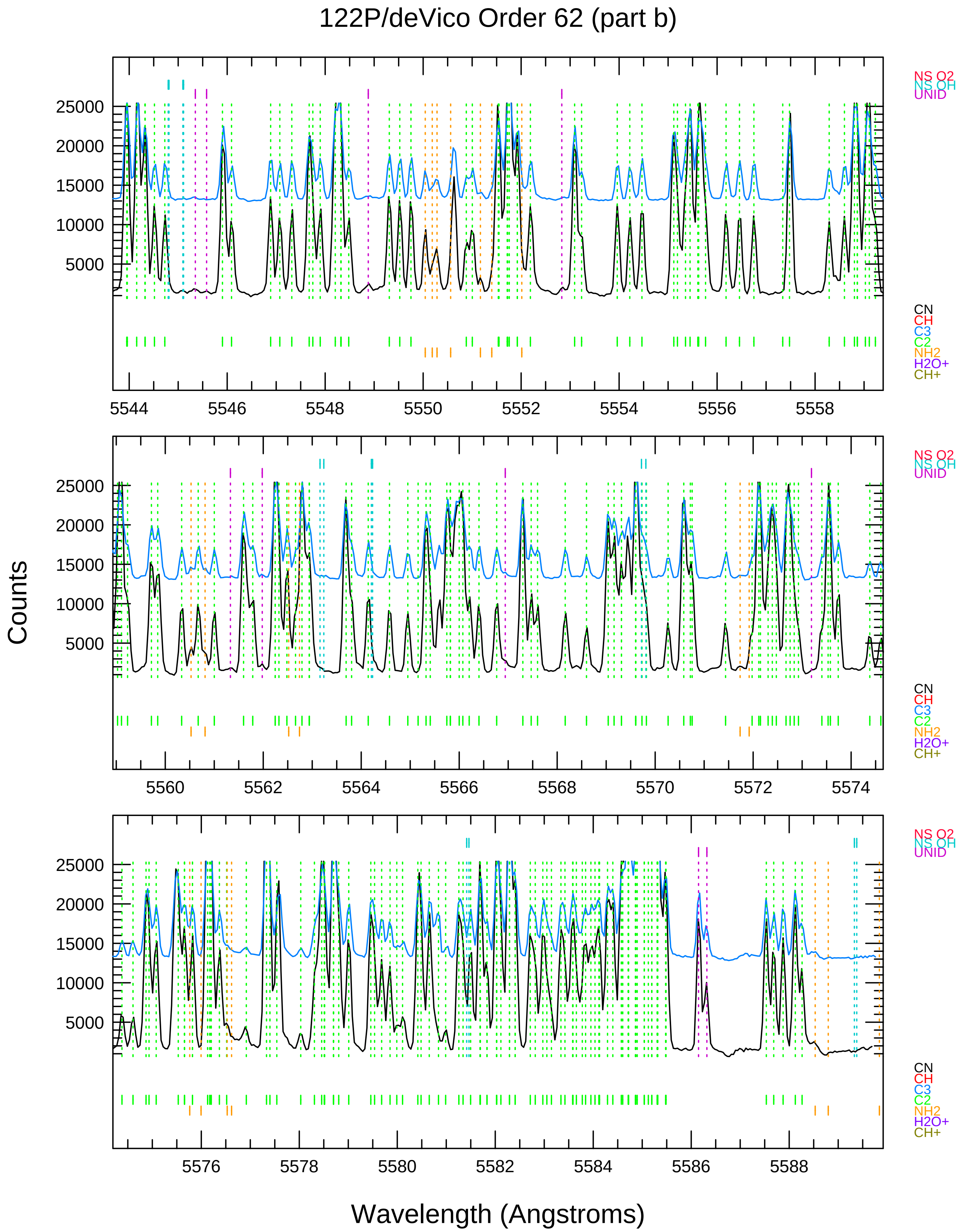
122P/deVico Order 63 (part a)





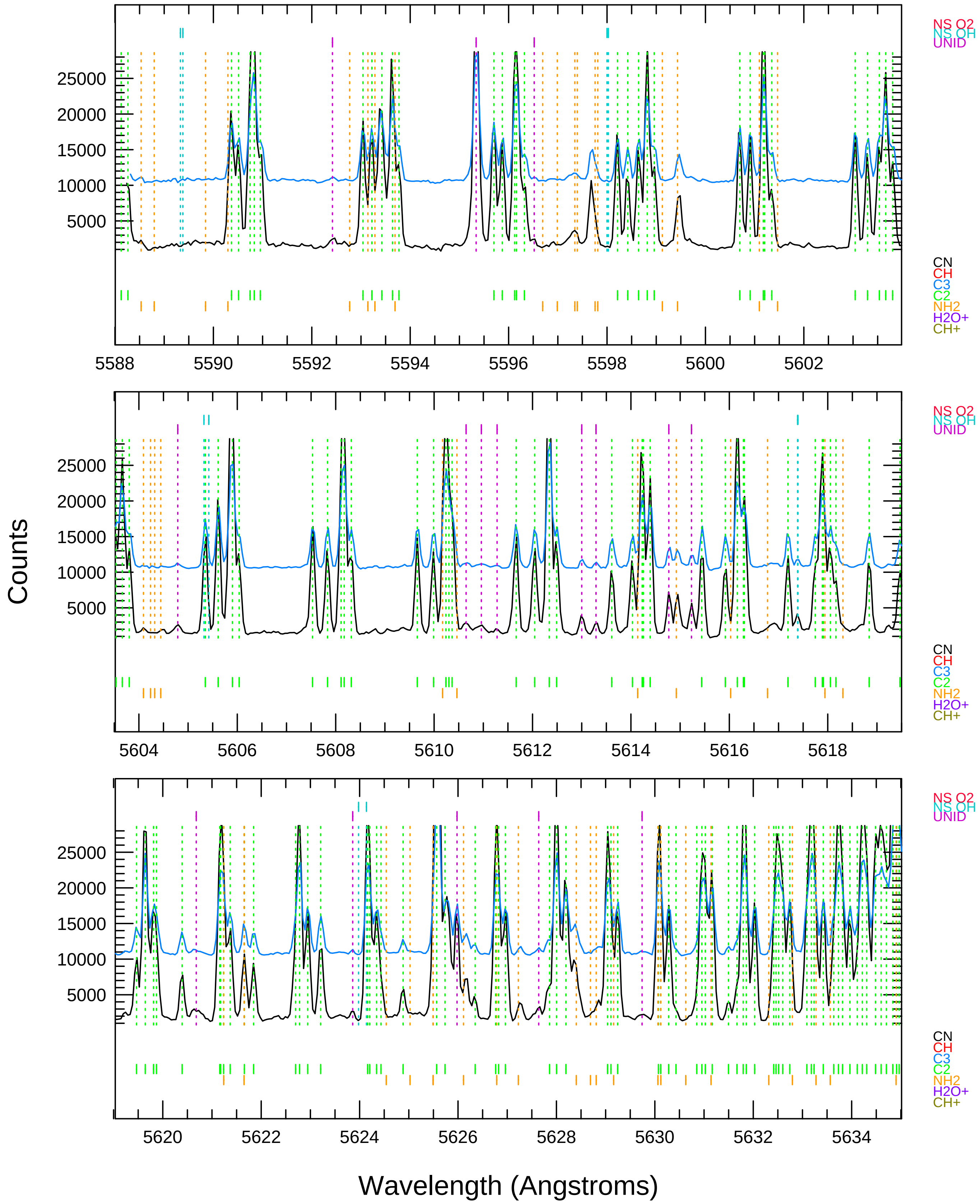
122P/deVico Order 63 (part b)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+


122P/deVico Order 62 (part a)
Counts
Wavelength (Angstroms)
25000
20000
15000
10000
5000
5498
5500
5502
5504
5506
5508
5510
5512
5514
5516
5518
5520
5522
5524
5526
5528
5530
5532
5534
5536
5538
5540
5542
5544
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+

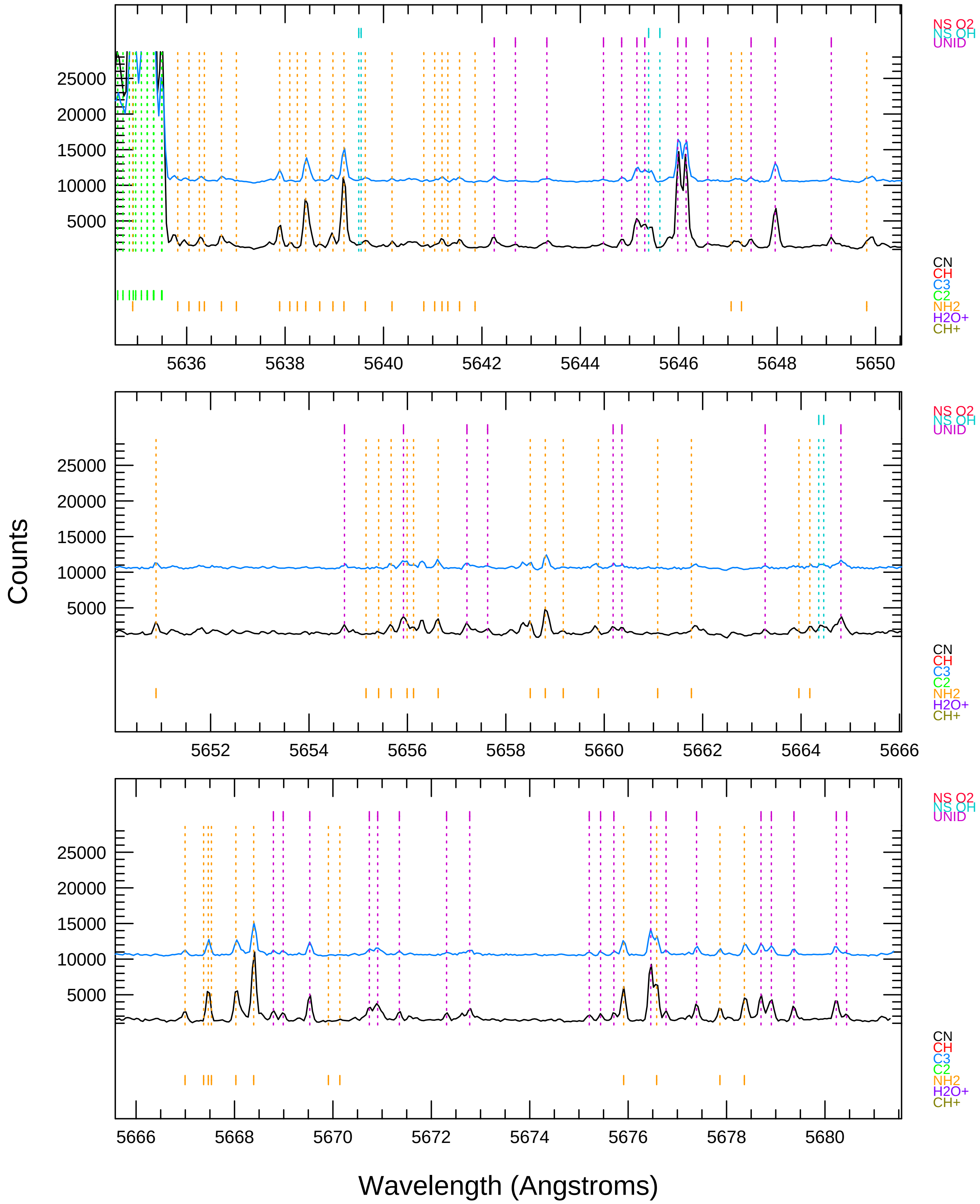


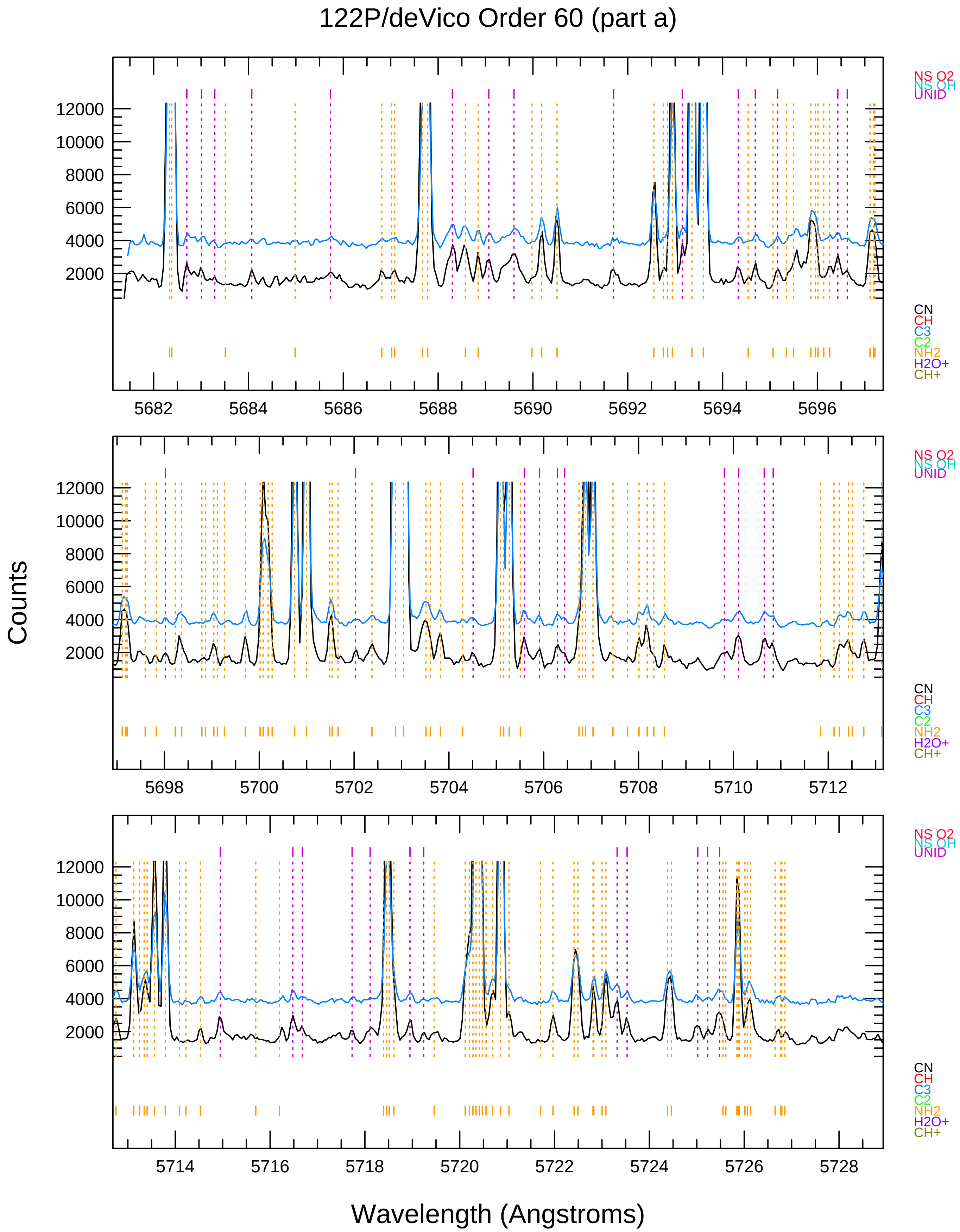
122P/deVico Order 62 (part b)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+
25000
20000
15000
10000
5000
5544
5546
5548
5550
5552
5554
5556
5558
5560
5562
5564
5566
5568
5570
5572
5574
5576
5578
5580
5582
5584
5586
5588

122P/deVico Order 61 (part a)

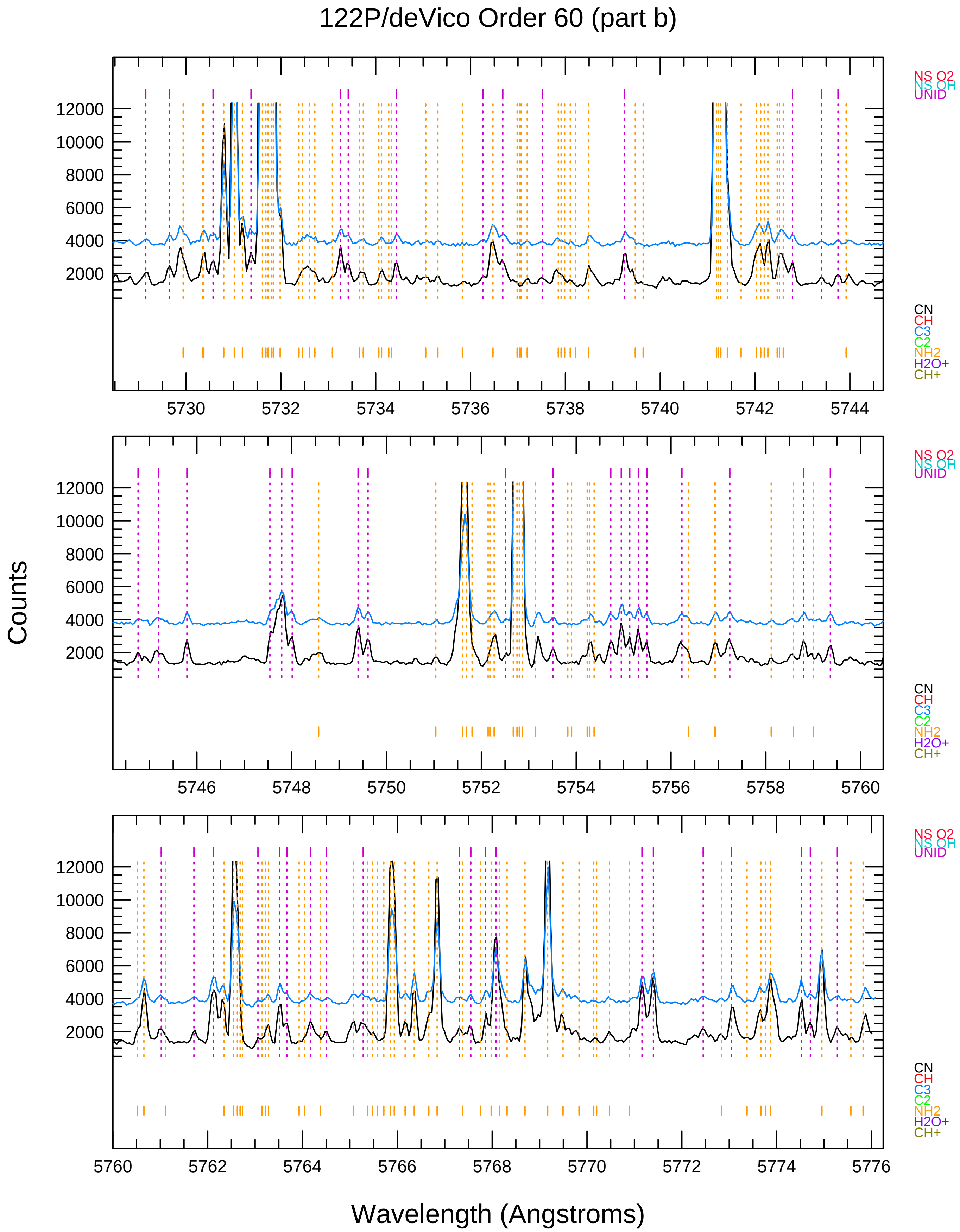


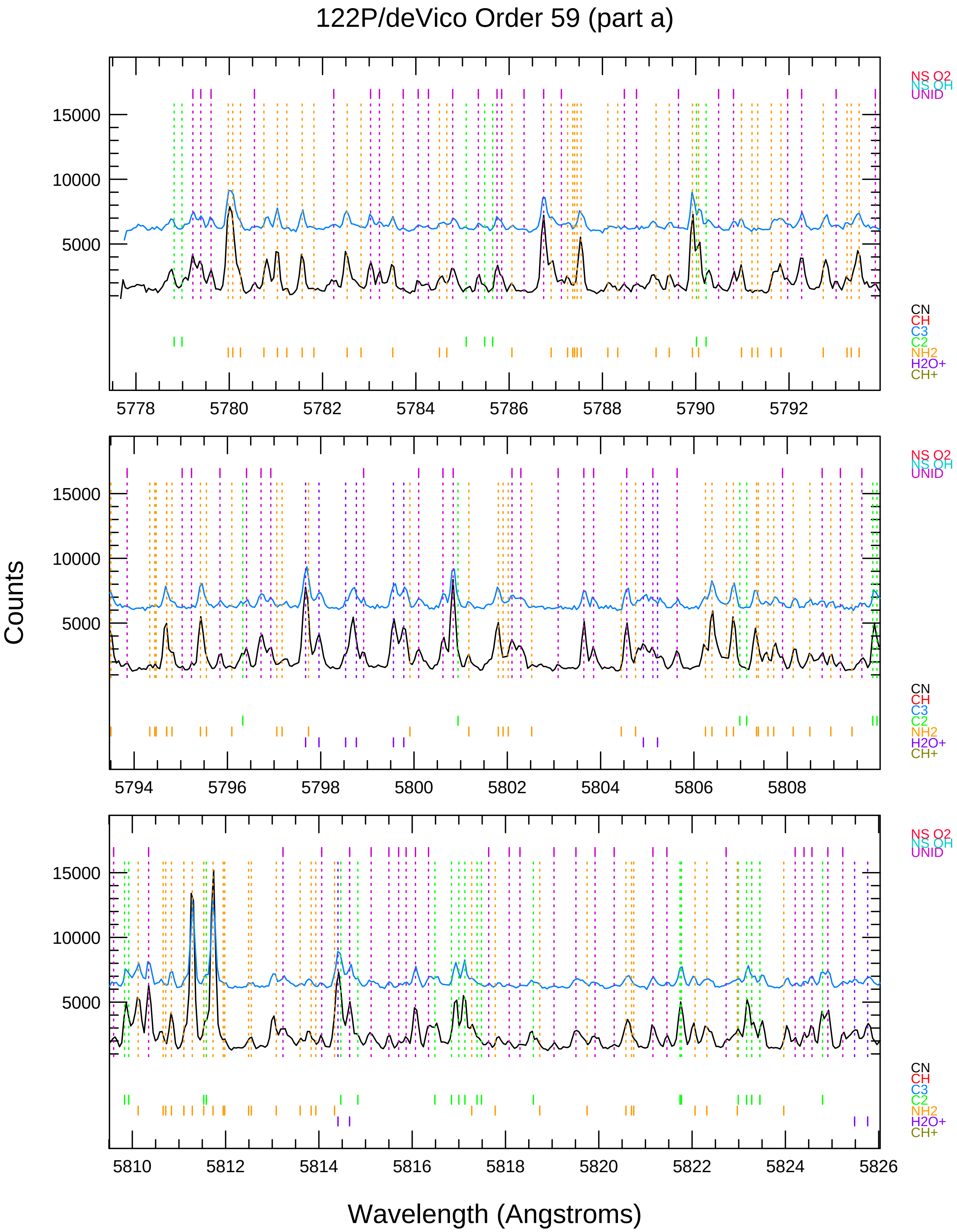
122P/deVico Order 61 (part b)

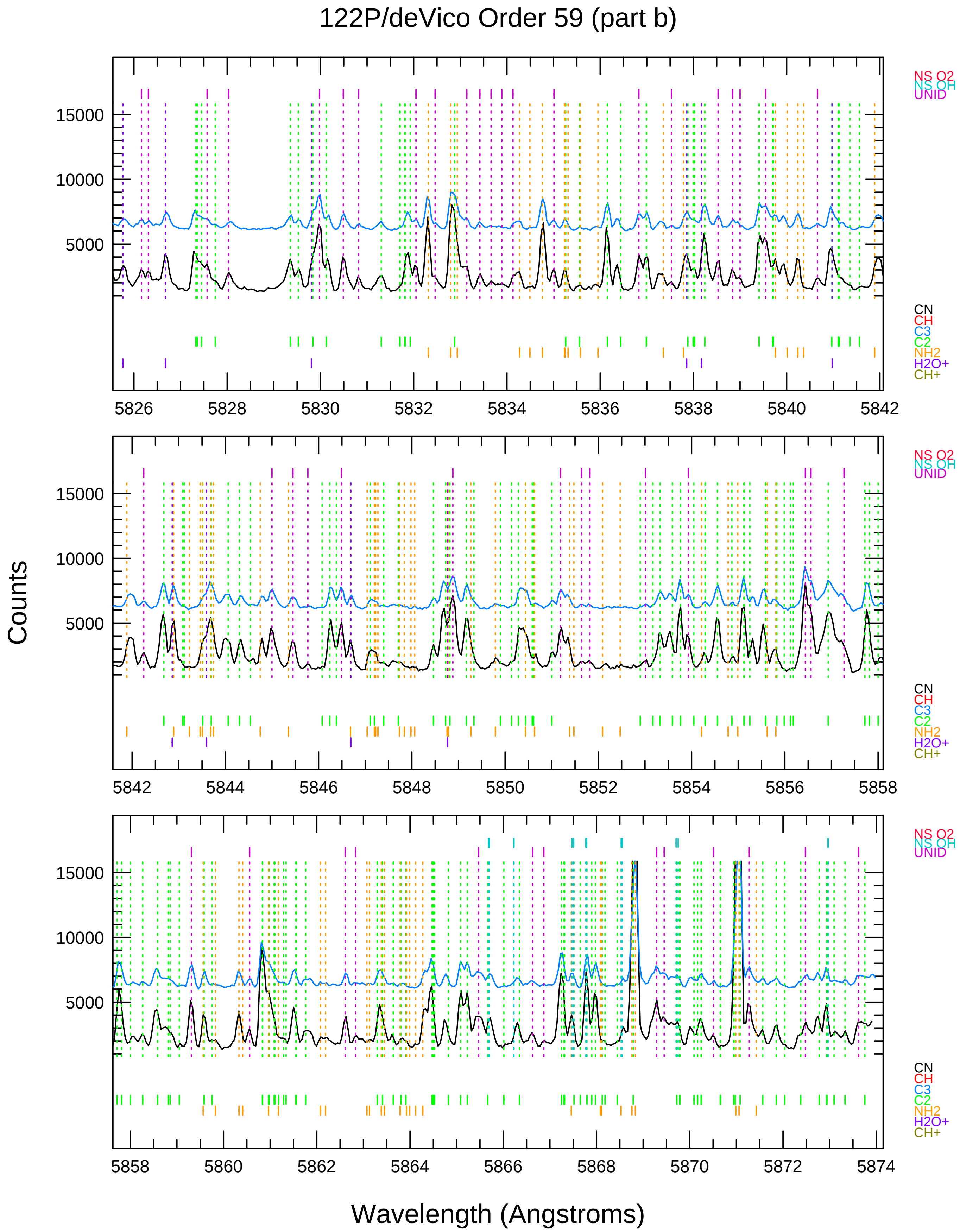


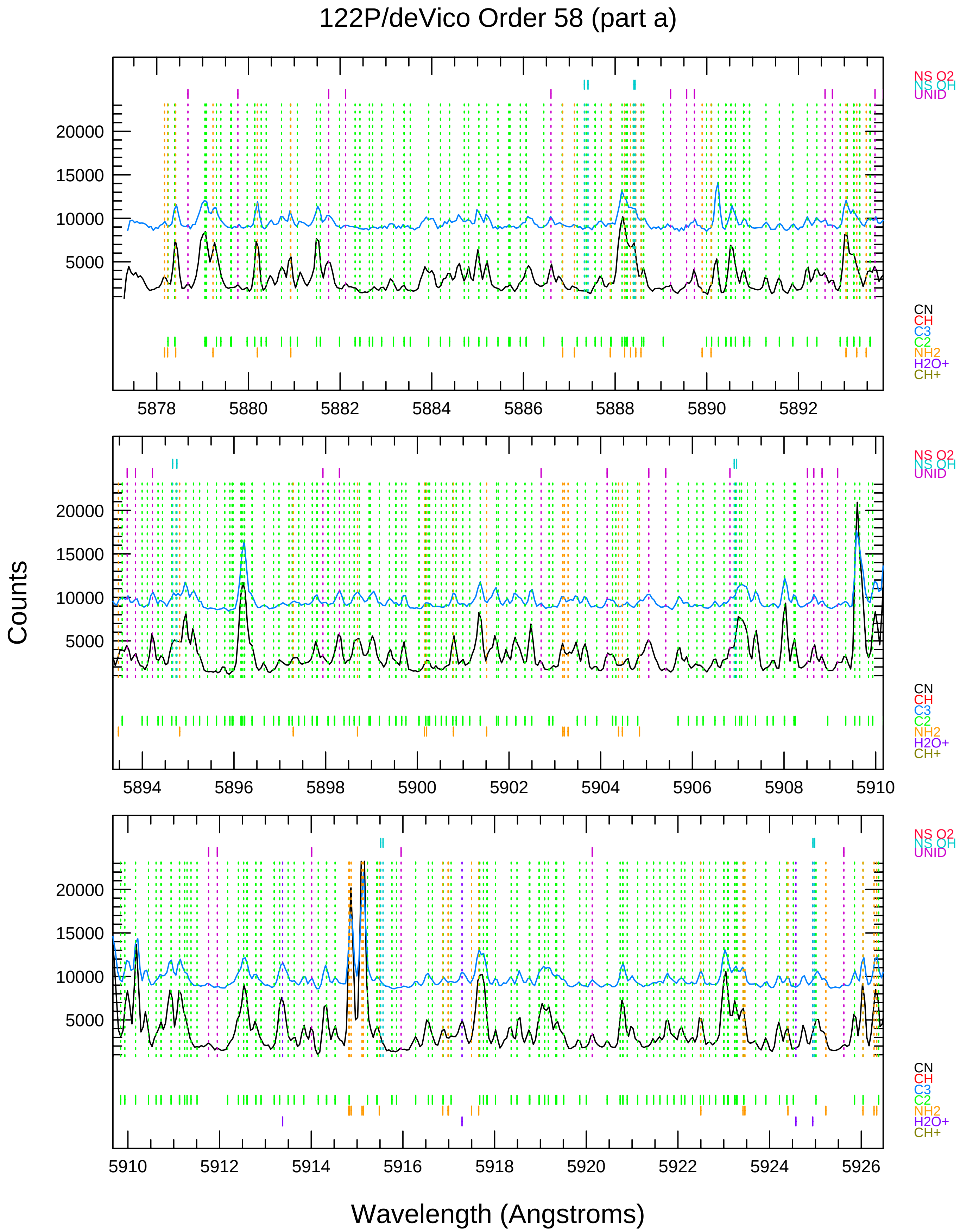


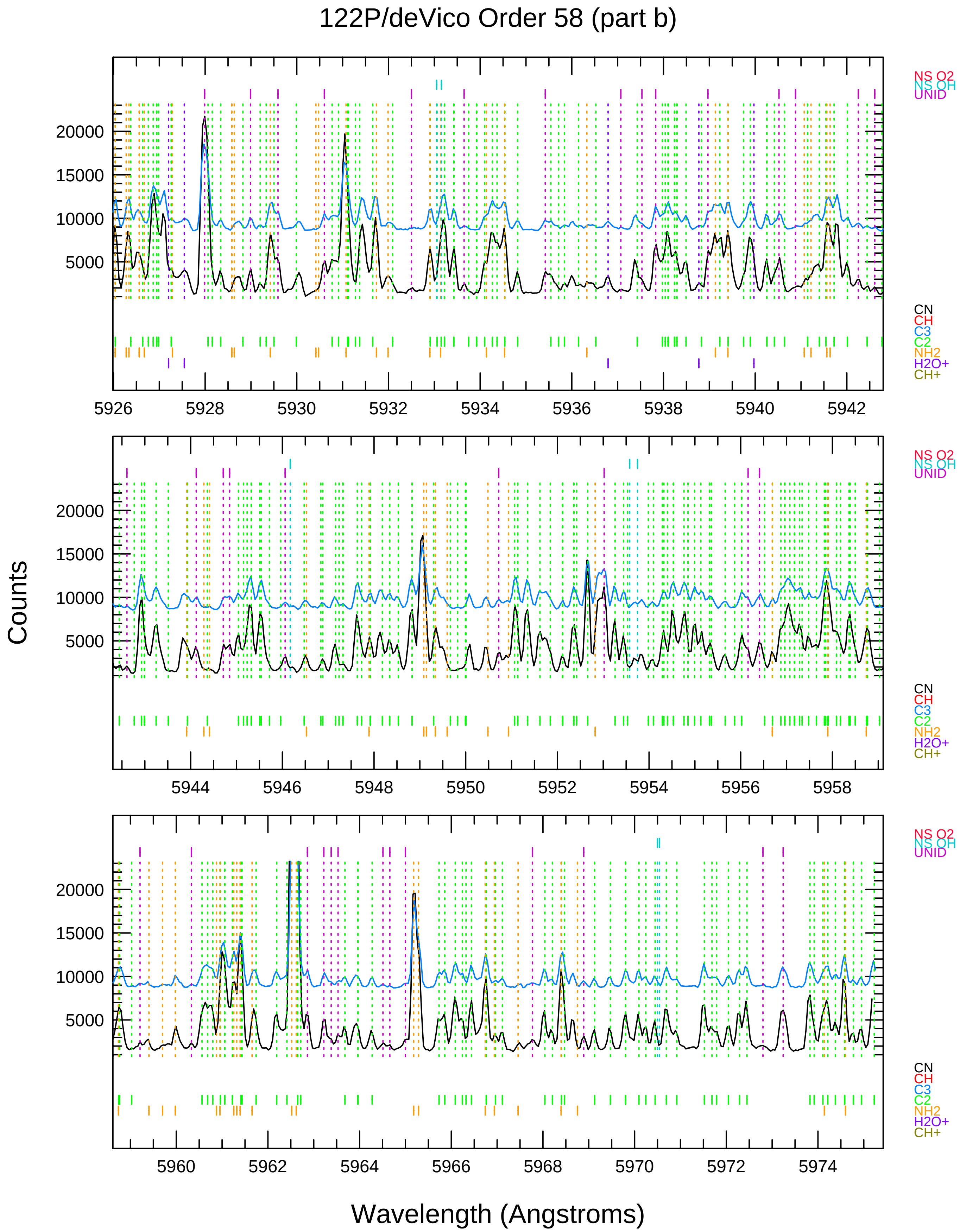
122P/deVico Order 60 (part a)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+
12000
10000
8000
6000
4000
2000
5682
5684
5686
5688
5690
5692
5694
5696
5698
5700
5702
5704
5706
5708
5710
5712
5714
5716
5718
5720
5722
5724
5726
5728

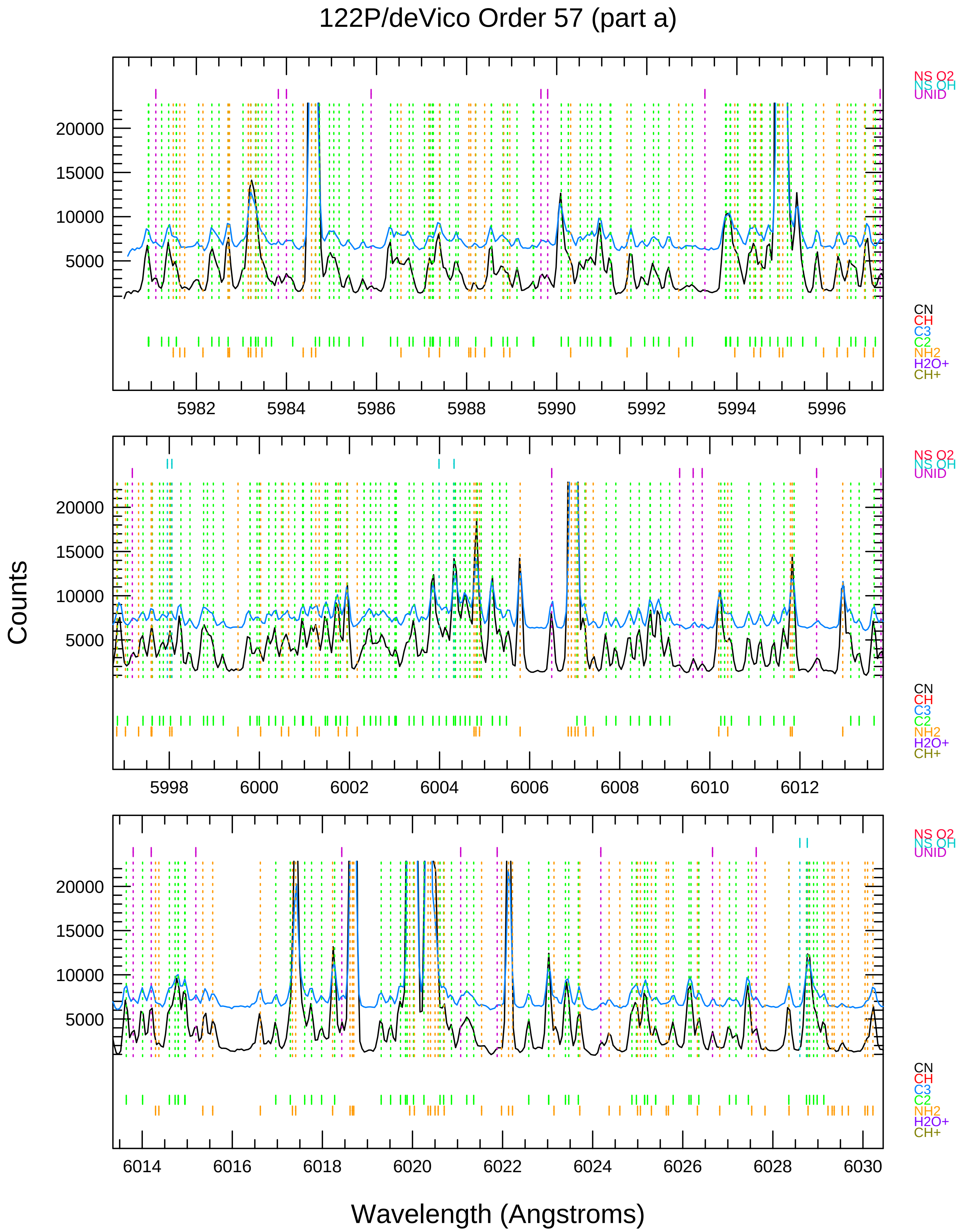

122P/deVico Order 60 (part b)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+

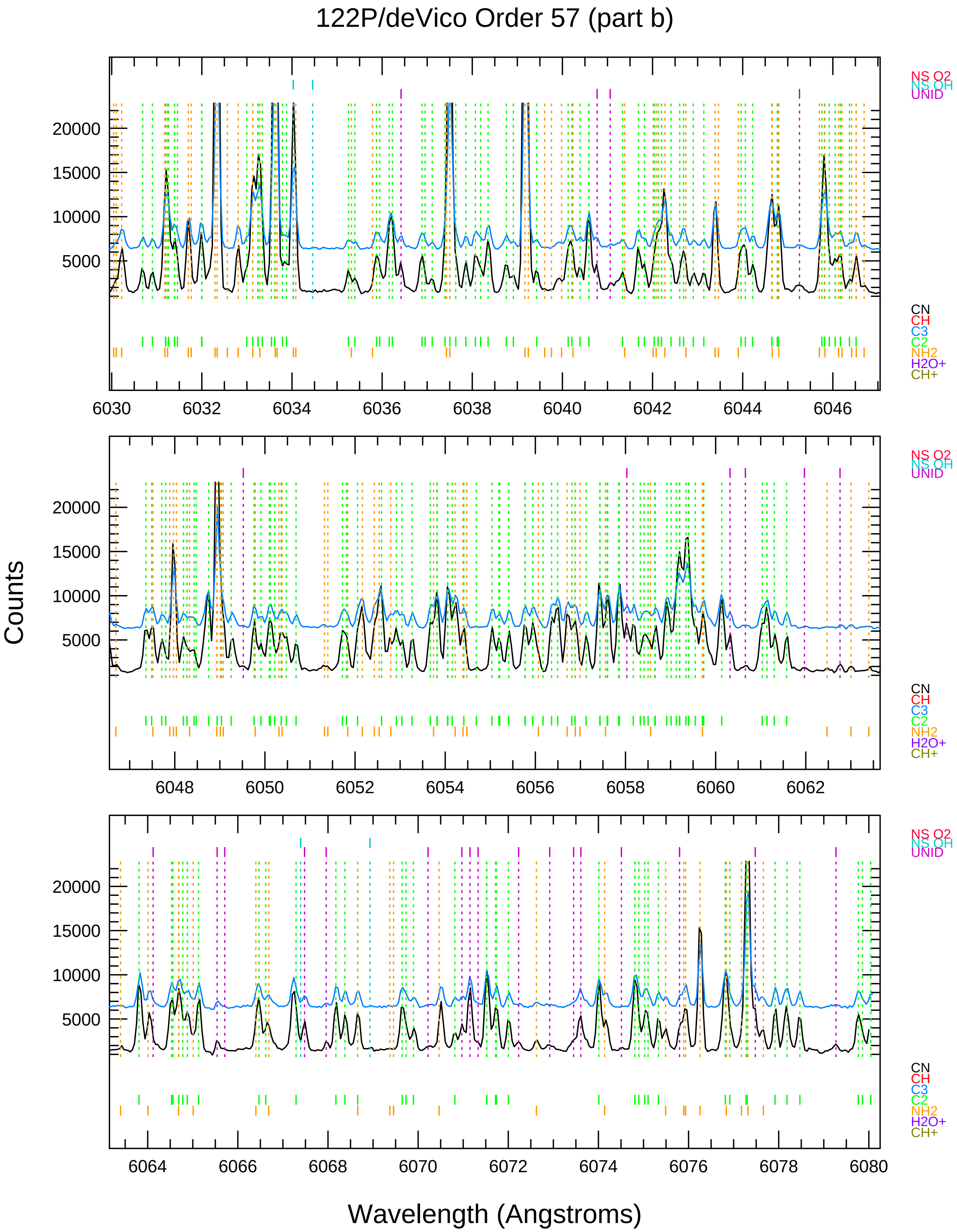

122P/deVico Order 59 (part a)
Counts
15000
10000
5000
5778
5780
5782
5784
5786
5788
5790
5792
5794
5796
5798
5800
5802
5804
5806
5808
5810
5812
5814
5816
5818
5820
5822
5824
5826
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+
Wavelength (Angstroms)


122P/deVico Order 59 (part b)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+
15000
10000
5000
5826
5828
5830
5832
5834
5836
5838
5840
5842
5844
5846
5848
5850
5852
5854
5856
5858
5860
5862
5864
5866
5868
5870
5872
5874

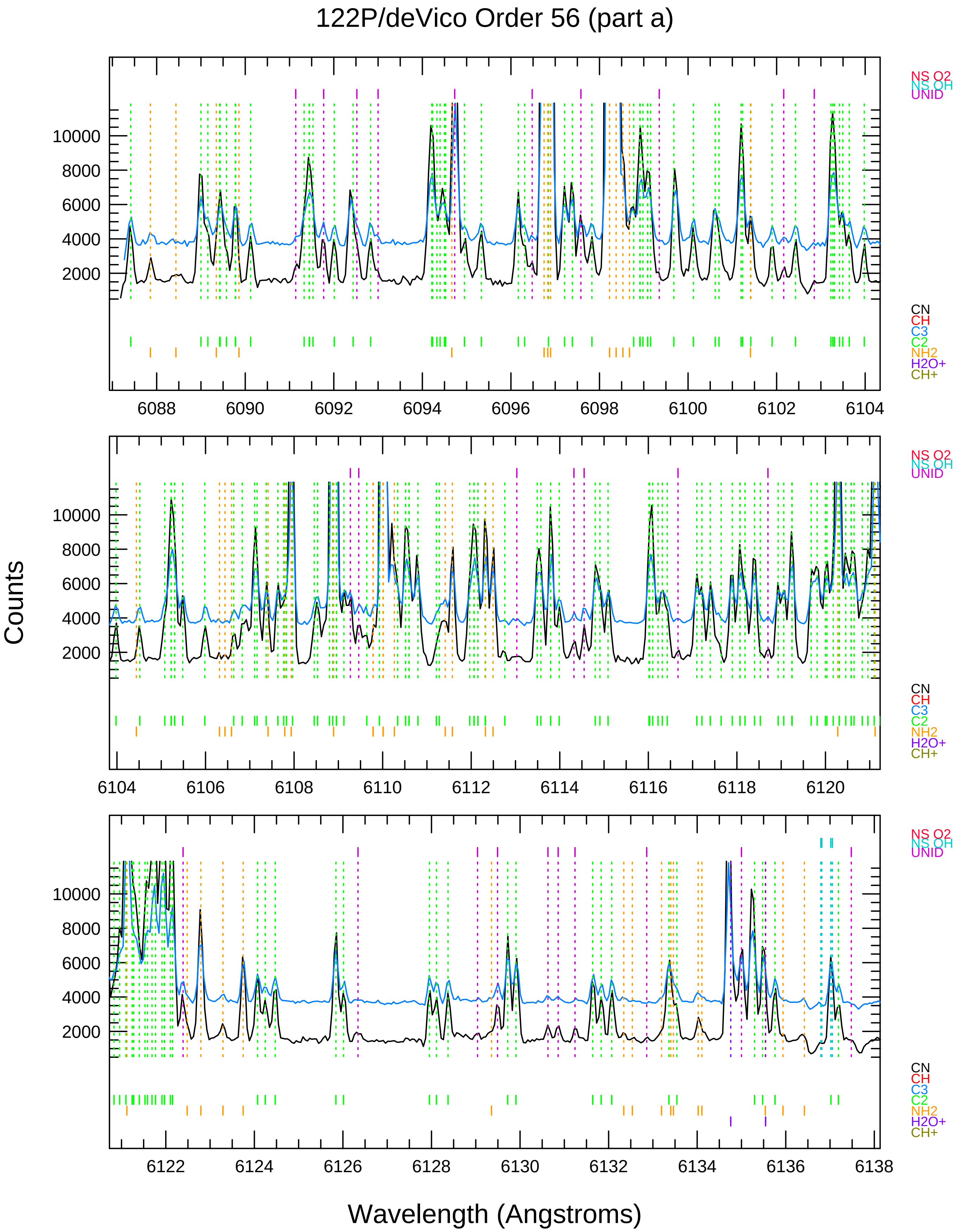

122P/deVico Order 58 (part a)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+


122P/deVico Order 58 (part b)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+
5000
10000
15000
20000
5926
5928
5930
5932
5934
5936
5938
5940
5942
5944
5946
5948
5950
5952
5954
5956
5958
5960
5962
5964
5966
5968
5970
5972
5974

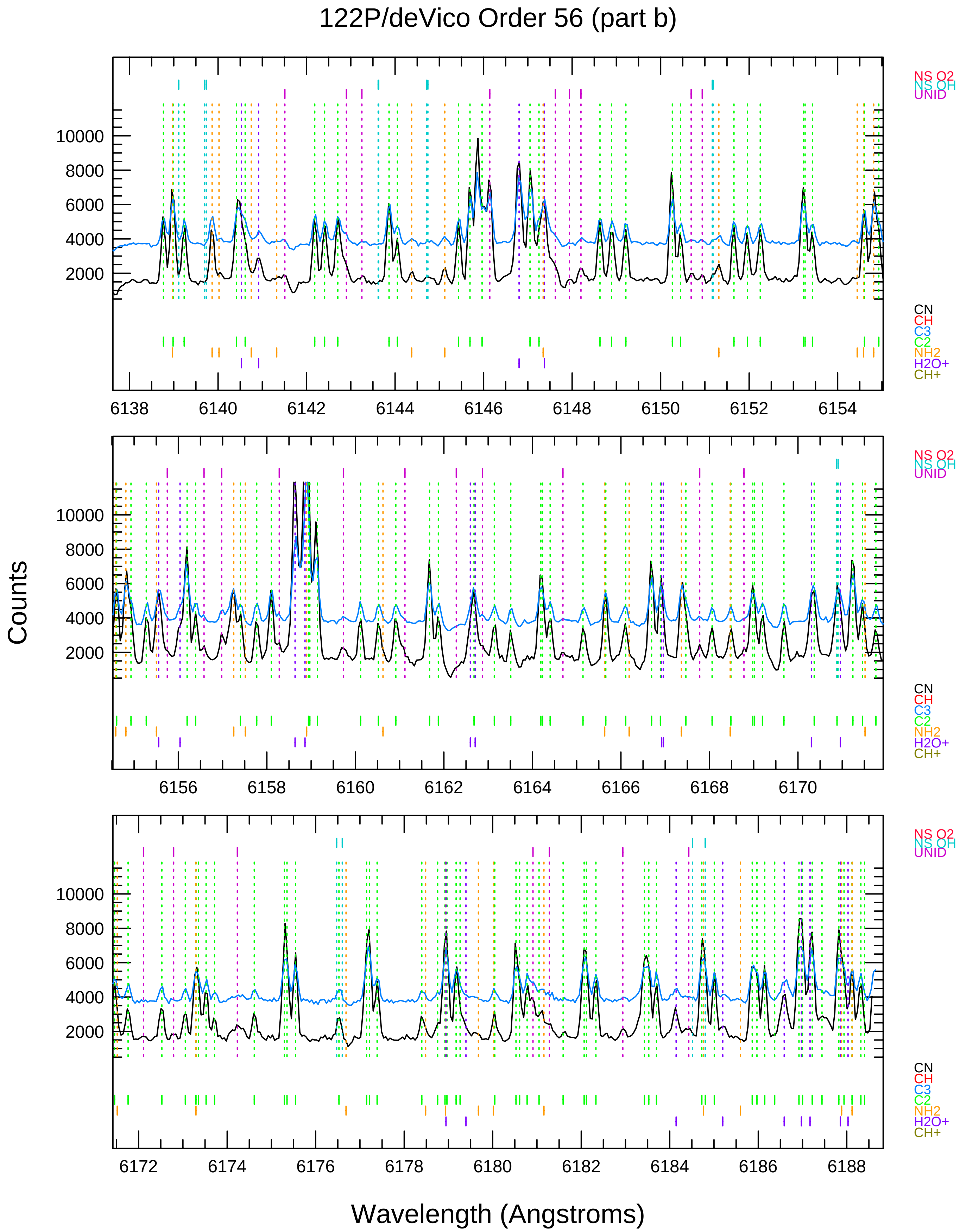

122P/deVico Order 57 (part a)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+
5982
5984
5986
5988
5990
5992
5994
5996
5998
6000
6002
6004
6006
6008
6010
6012
6014
6016
6018
6020
6022
6024
6026
6028
6030
5000
10000
15000
20000



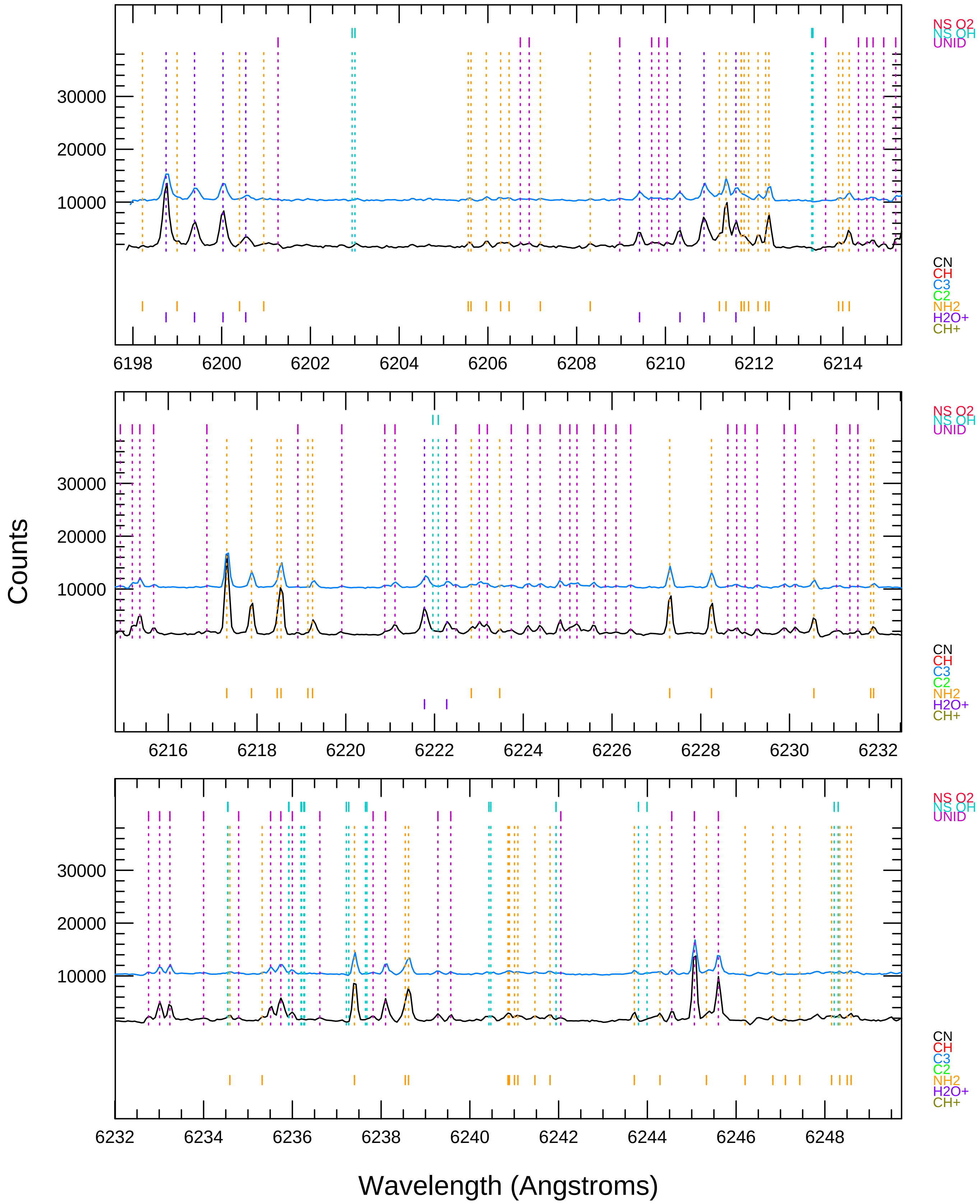
122P/deVico Order 57 (part b)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+



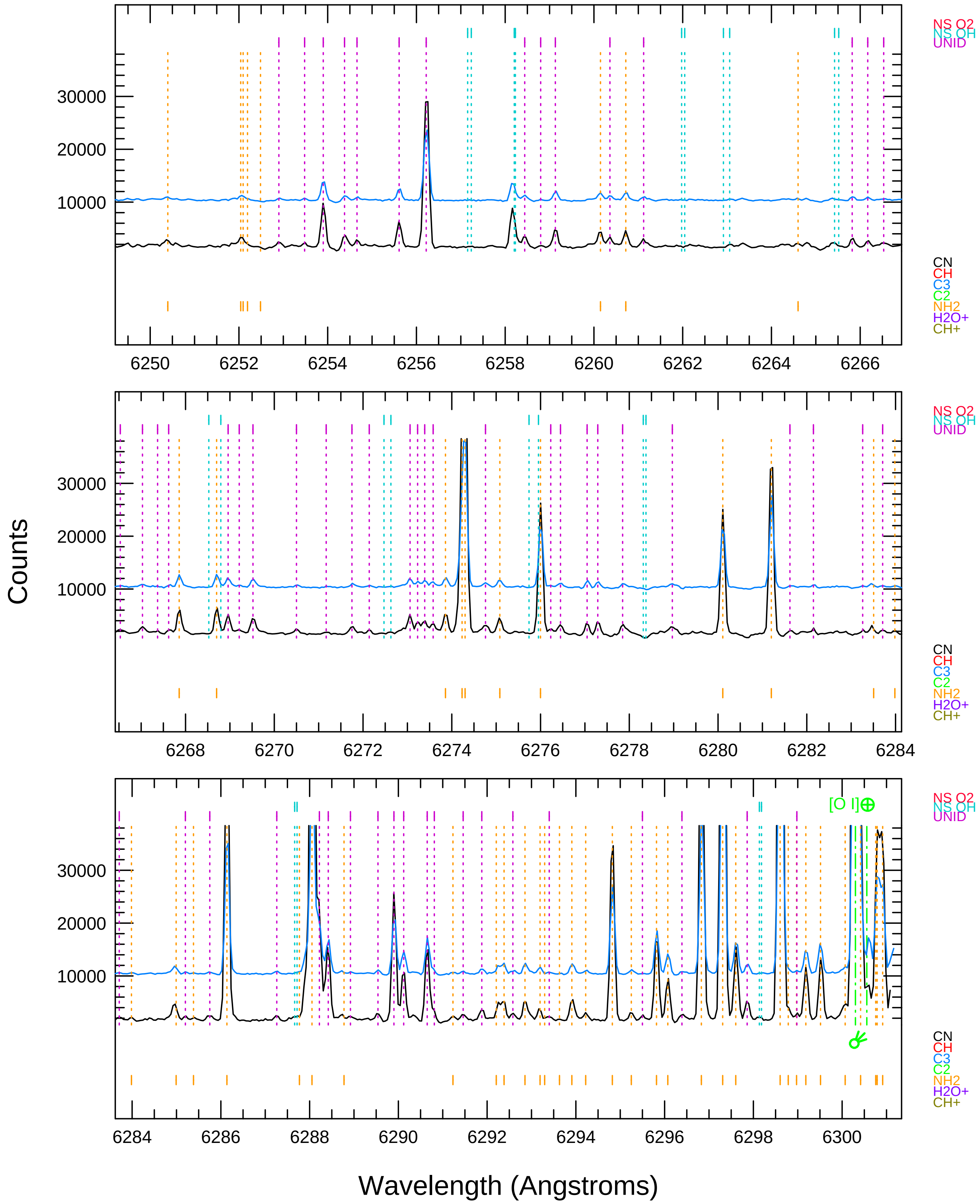
122P/deVico Order 56 (part a)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+

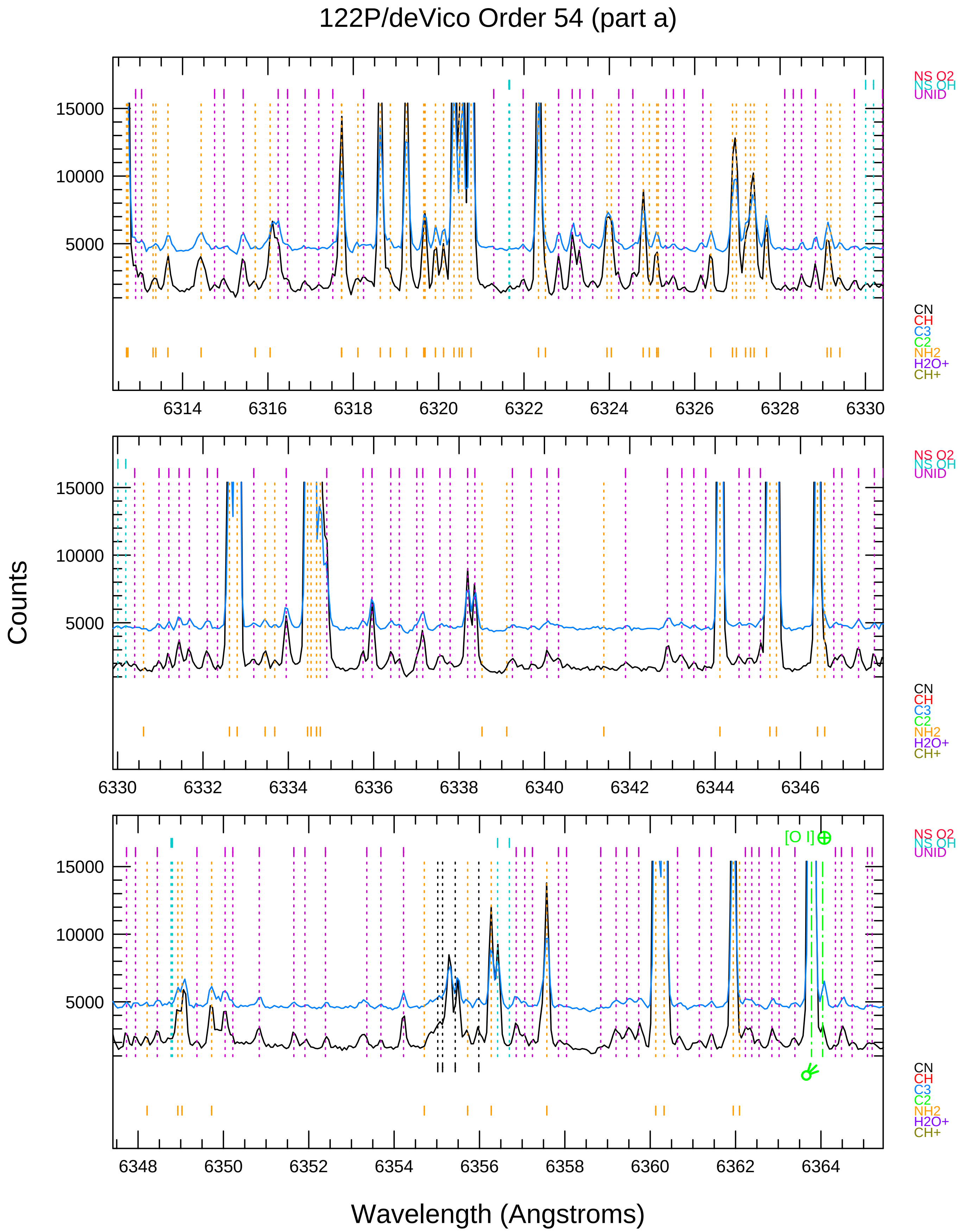

122P/deVico Order 56 (part b)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+

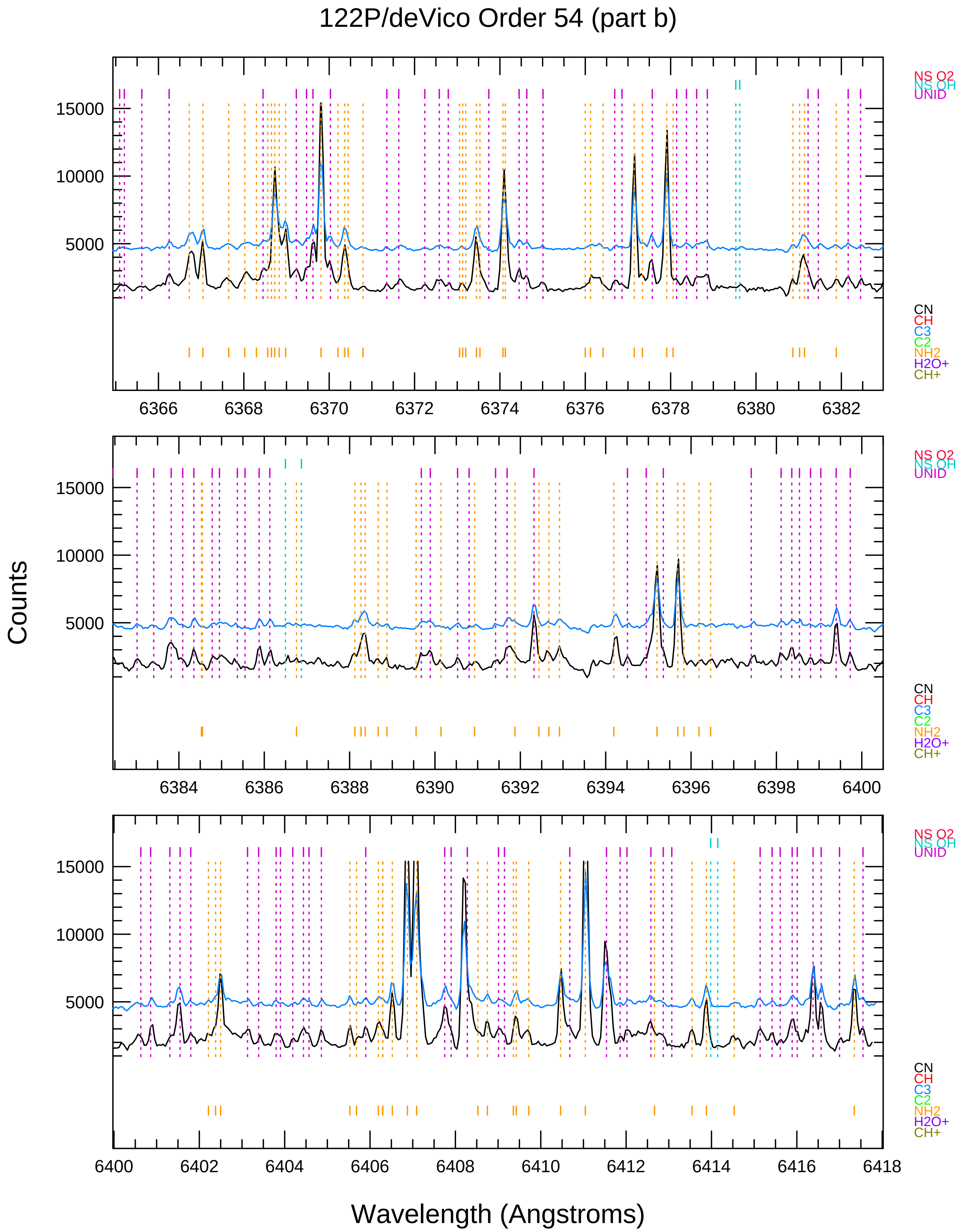
122P/deVico Order 55 (part a)



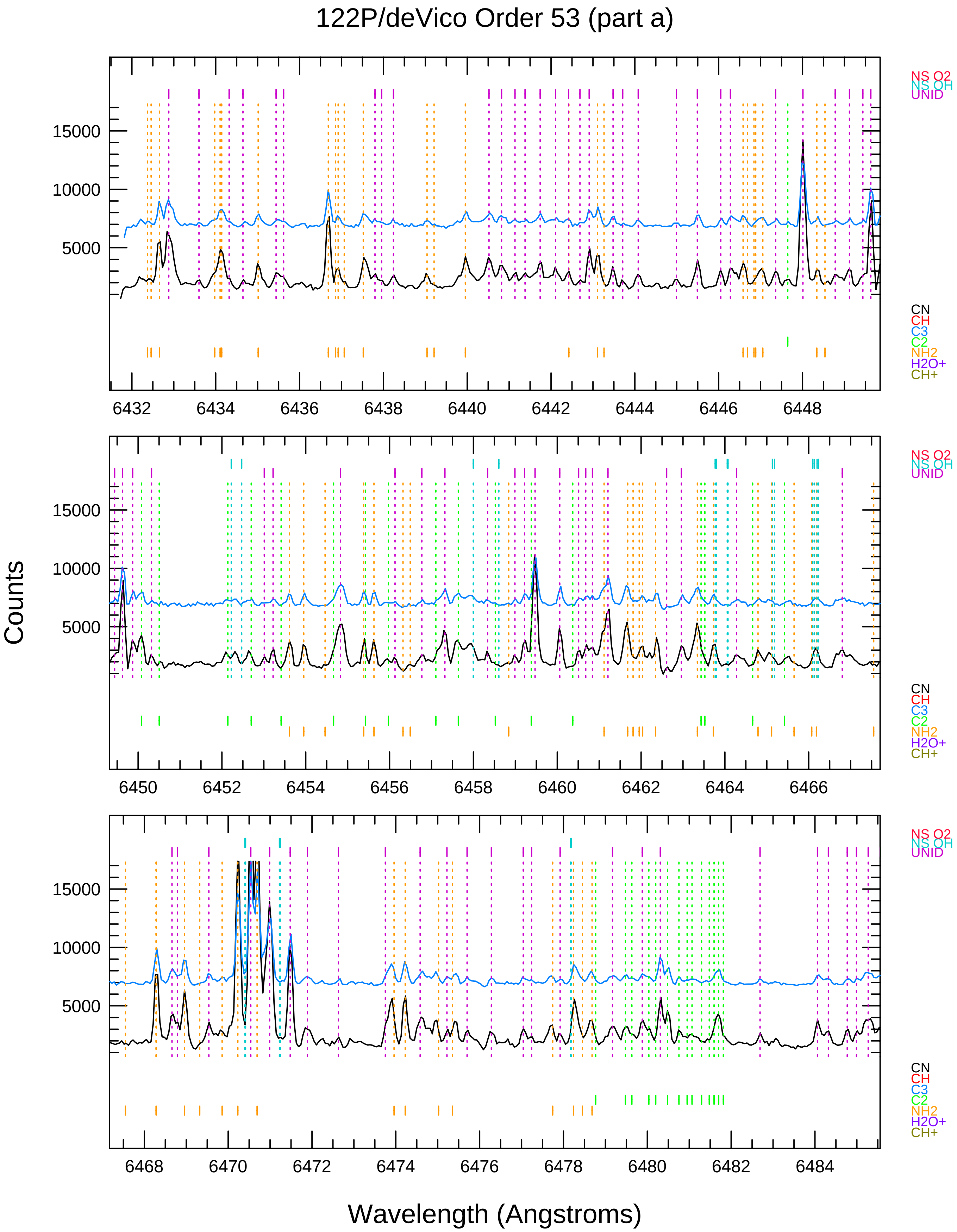
122P/deVico Order 55 (part b)

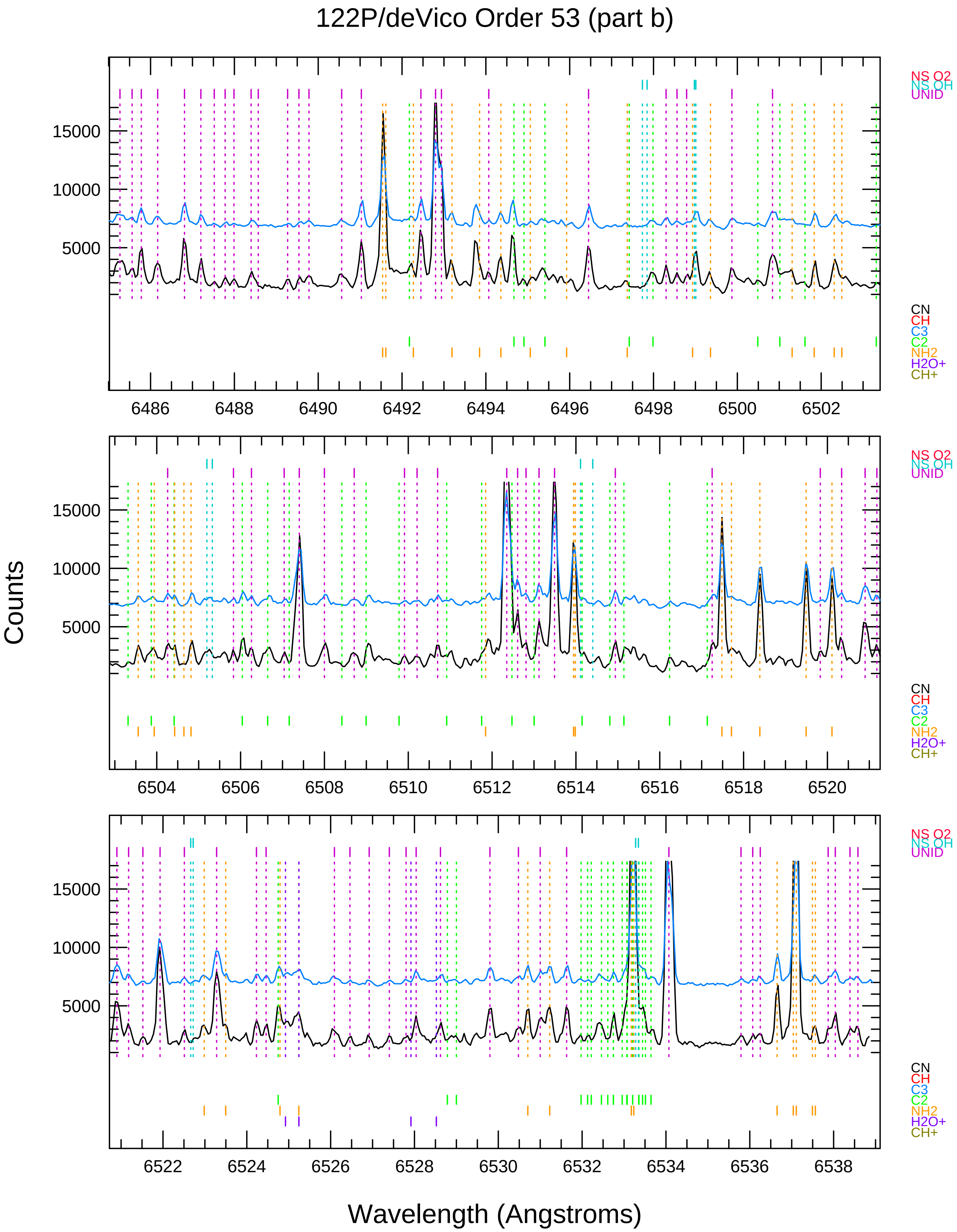



122P/deVico Order 54 (part a)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+
[O I]
15000
10000
5000
6314
6316
6318
6320
6322
6324
6326
6328
6330
6332
6334
6336
6338
6340
6342
6344
6346
6348
6350
6352
6354
6356
6358
6360
6362
6364

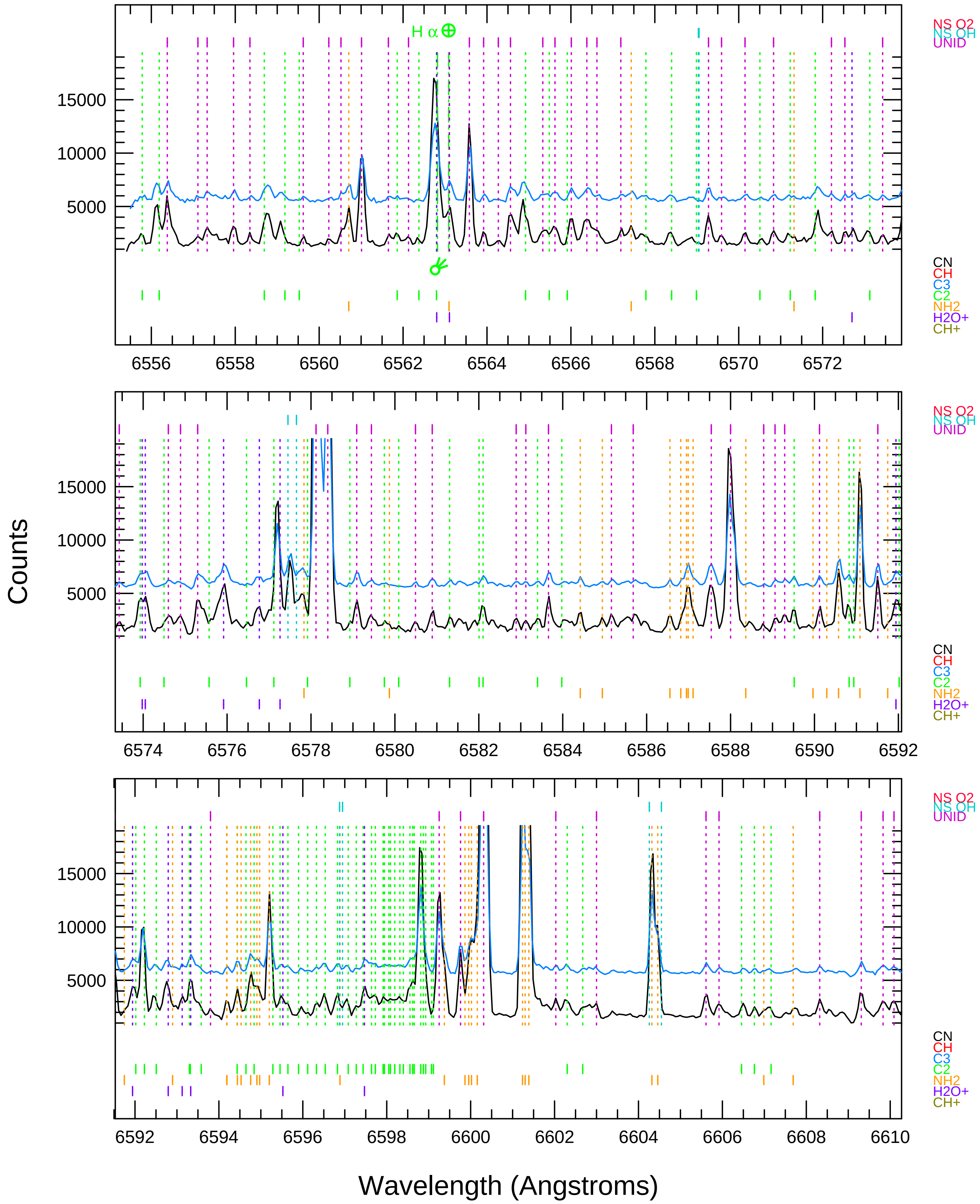


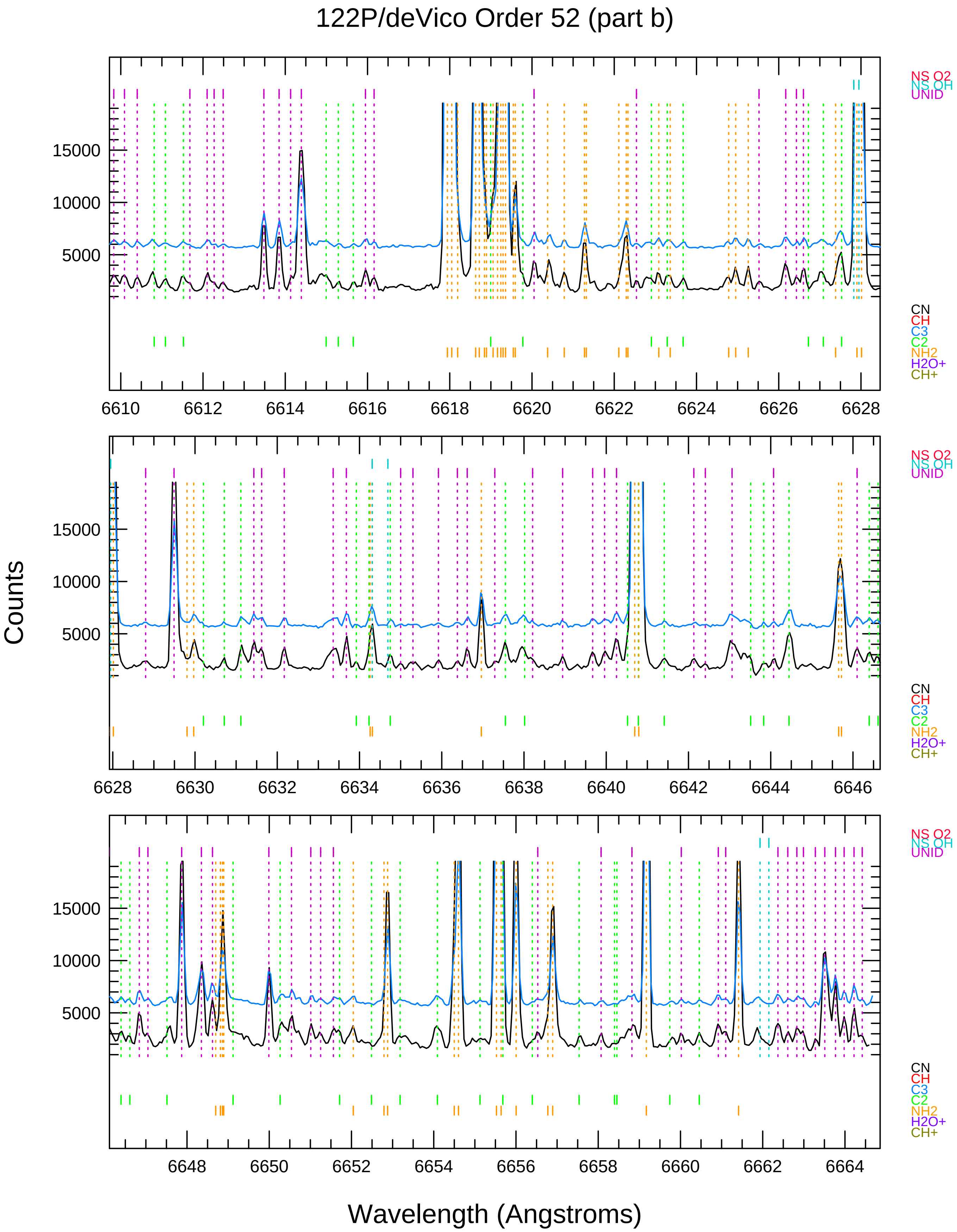
122P/deVico Order 54 (part b)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+


122P/deVico Order 53 (part a)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+

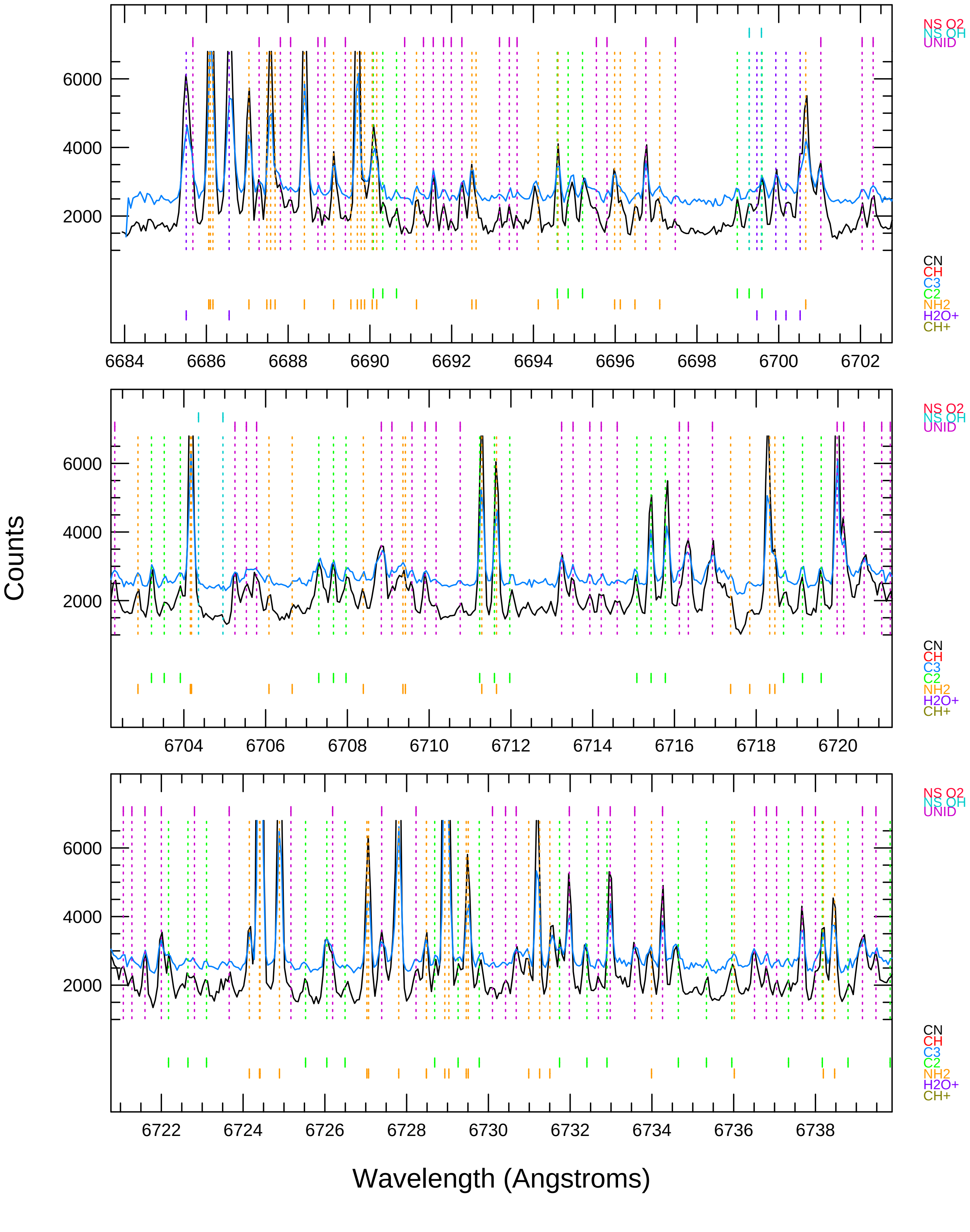

122P/deVico Order 53 (part b)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+
15000
10000
5000
6486
6488
6490
6492
6494
6496
6498
6500
6502
6504
6506
6508
6510
6512
6514
6516
6518
6520
6522
6524
6526
6528
6530
6532
6534
6536
6538

122P/deVico Order 52 (part a)

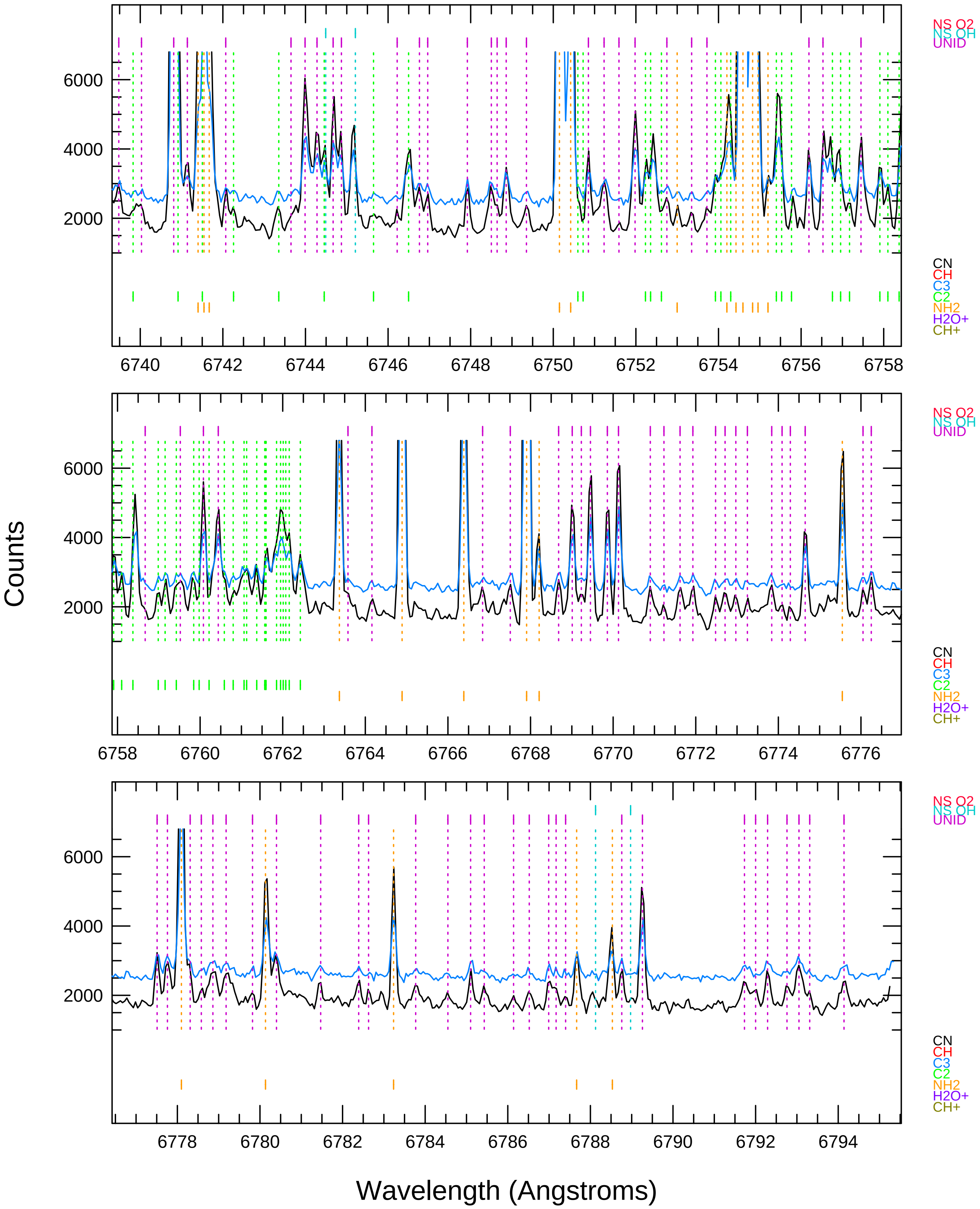



122P/deVico Order 52 (part b)
Counts
Wavelength (Angstroms)
15000
10000
5000
6610
6612
6614
6616
6618
6620
6622
6624
6626
6628
6630
6632
6634
6636
6638
6640
6642
6644
6646
6648
6650
6652
6654
6656
6658
6660
6662
6664
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+

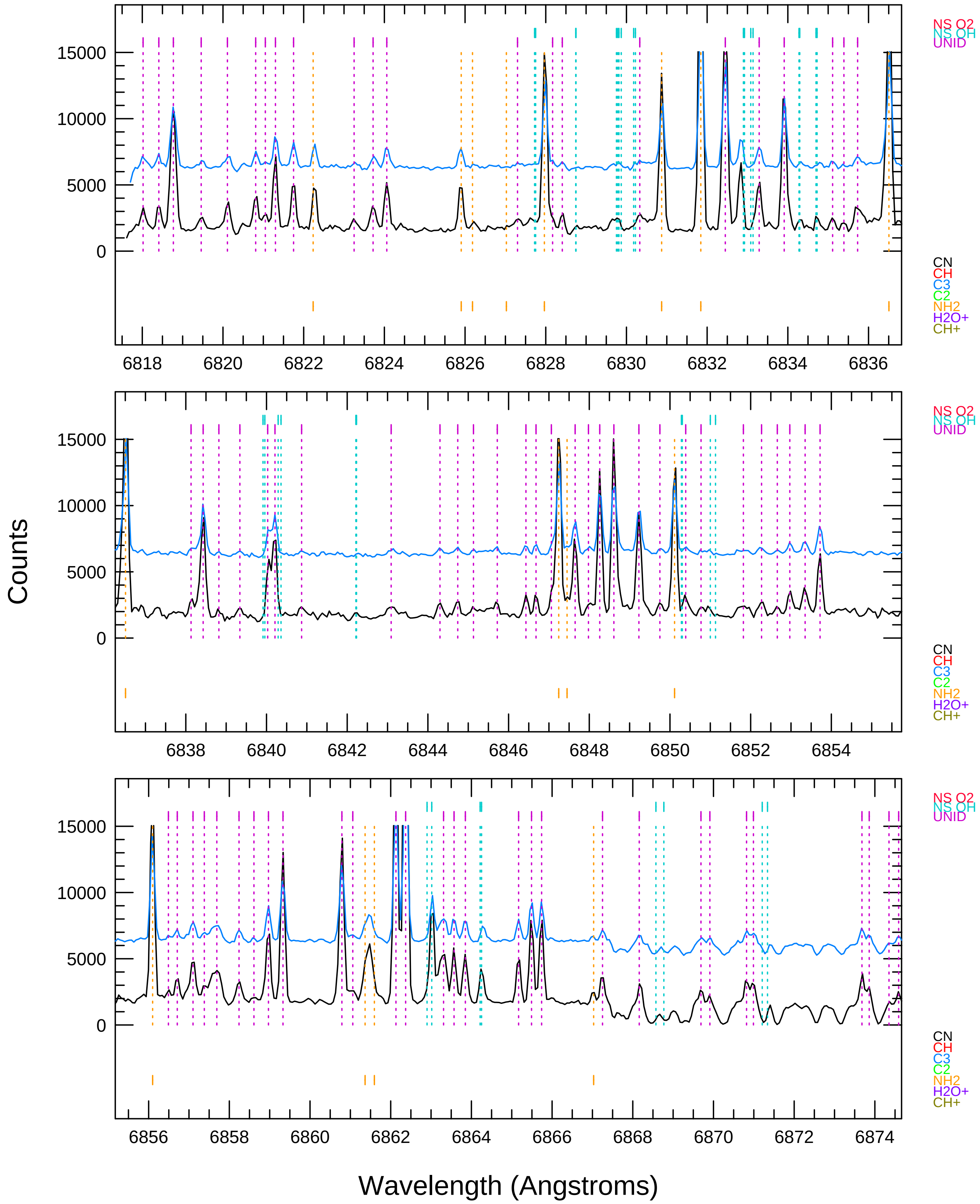
122P/deVico Order 51 (part a)

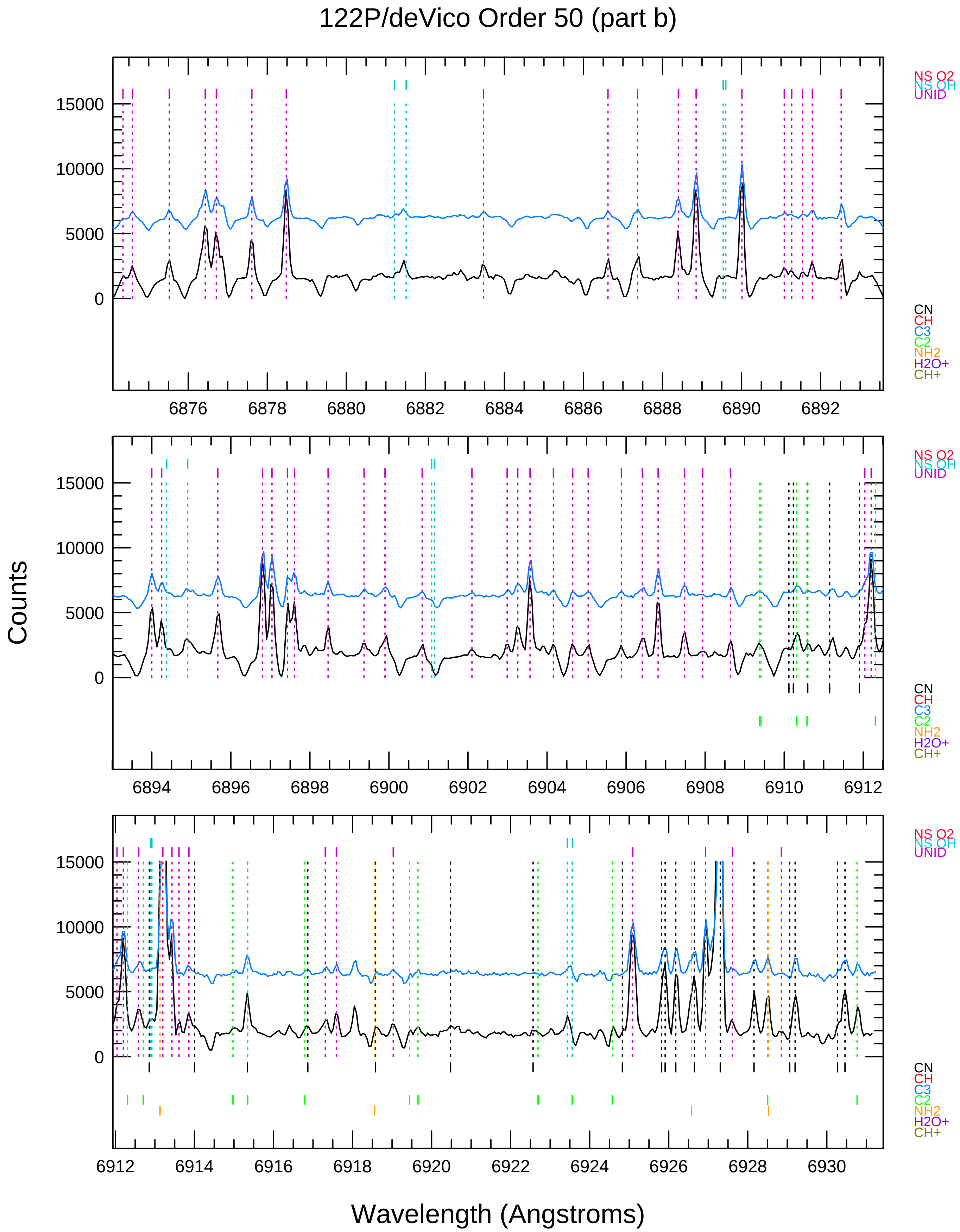


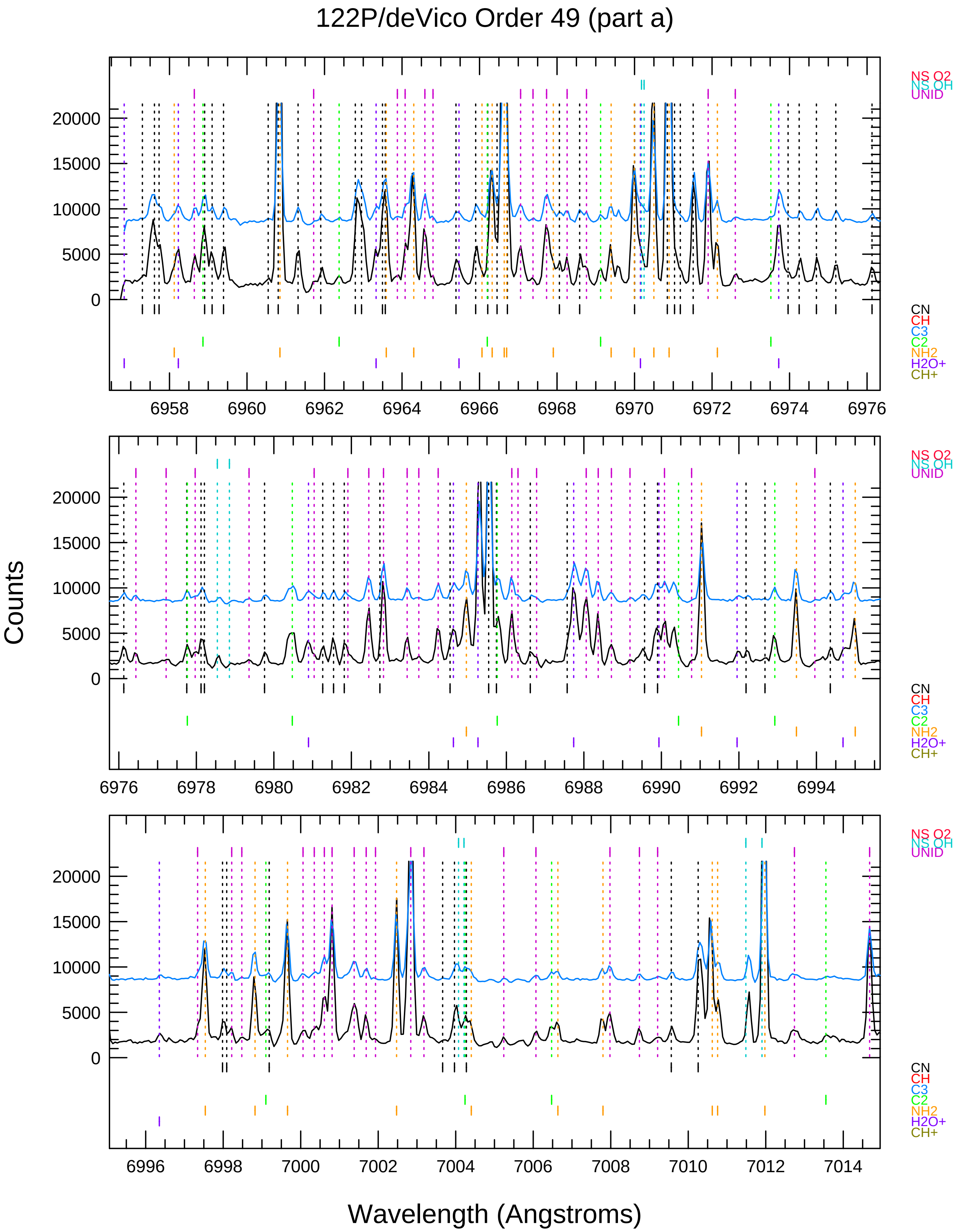
122P/deVico Order 51 (part b)

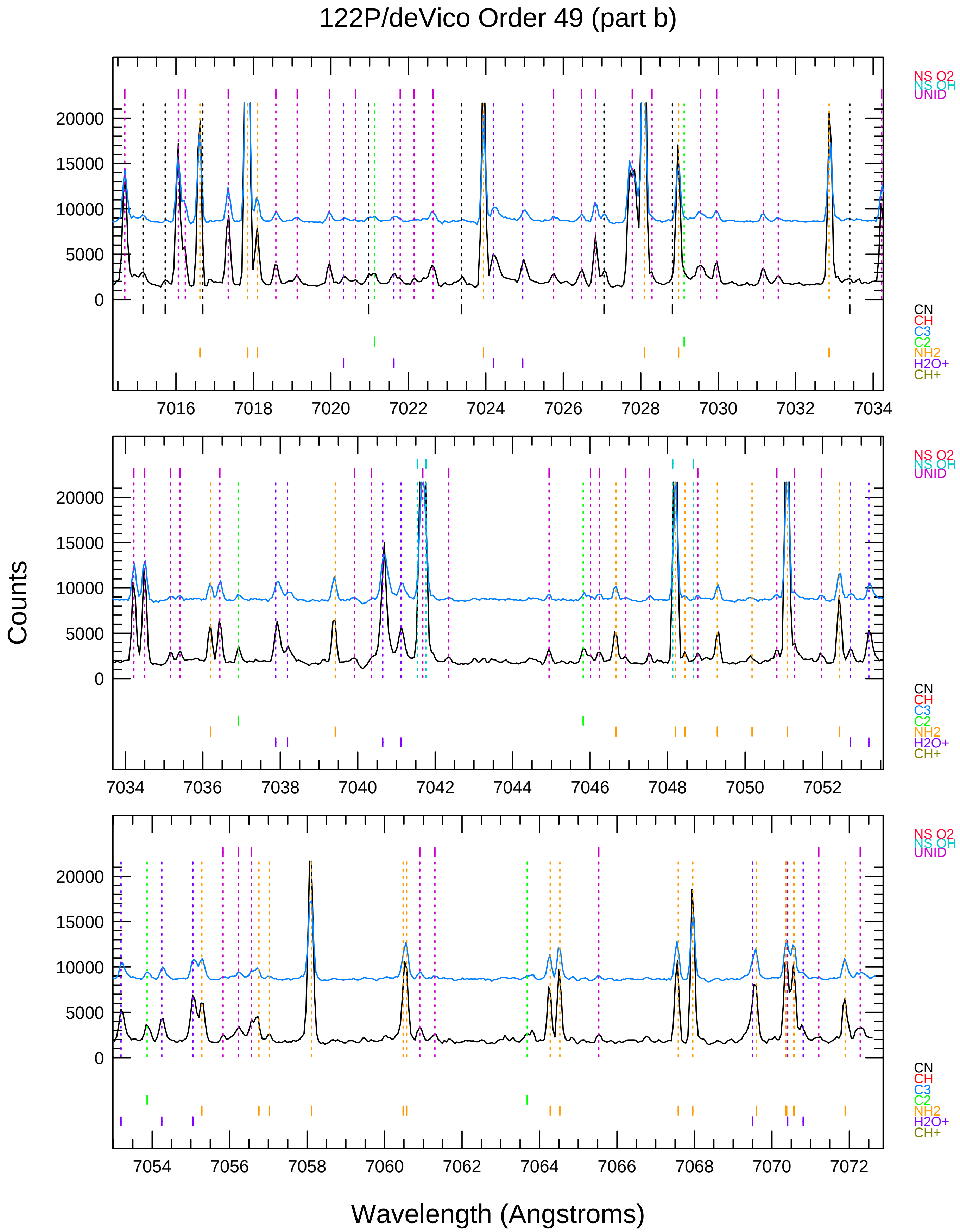


122P/deVico Order 50 (part a)



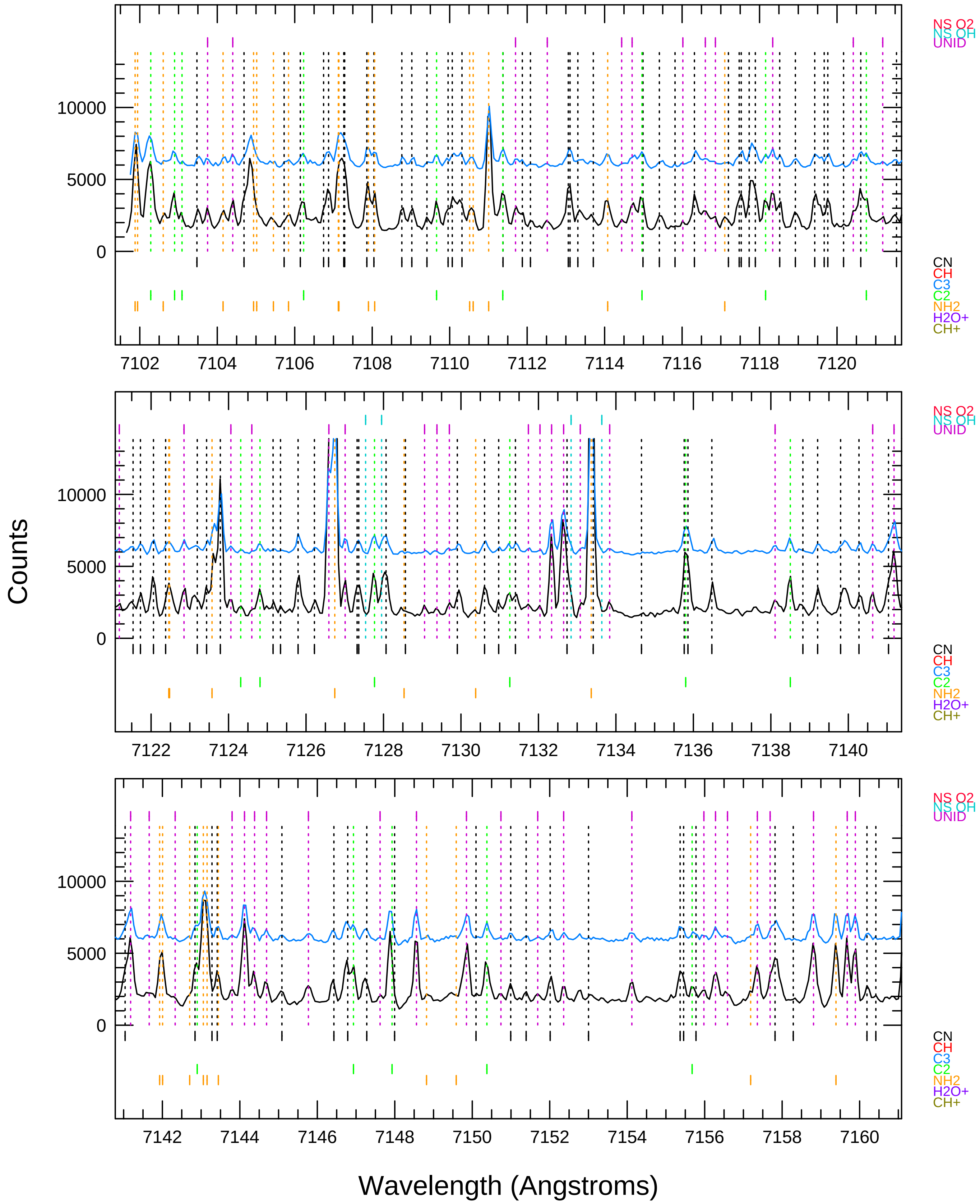

122P/deVico Order 50 (part b)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+

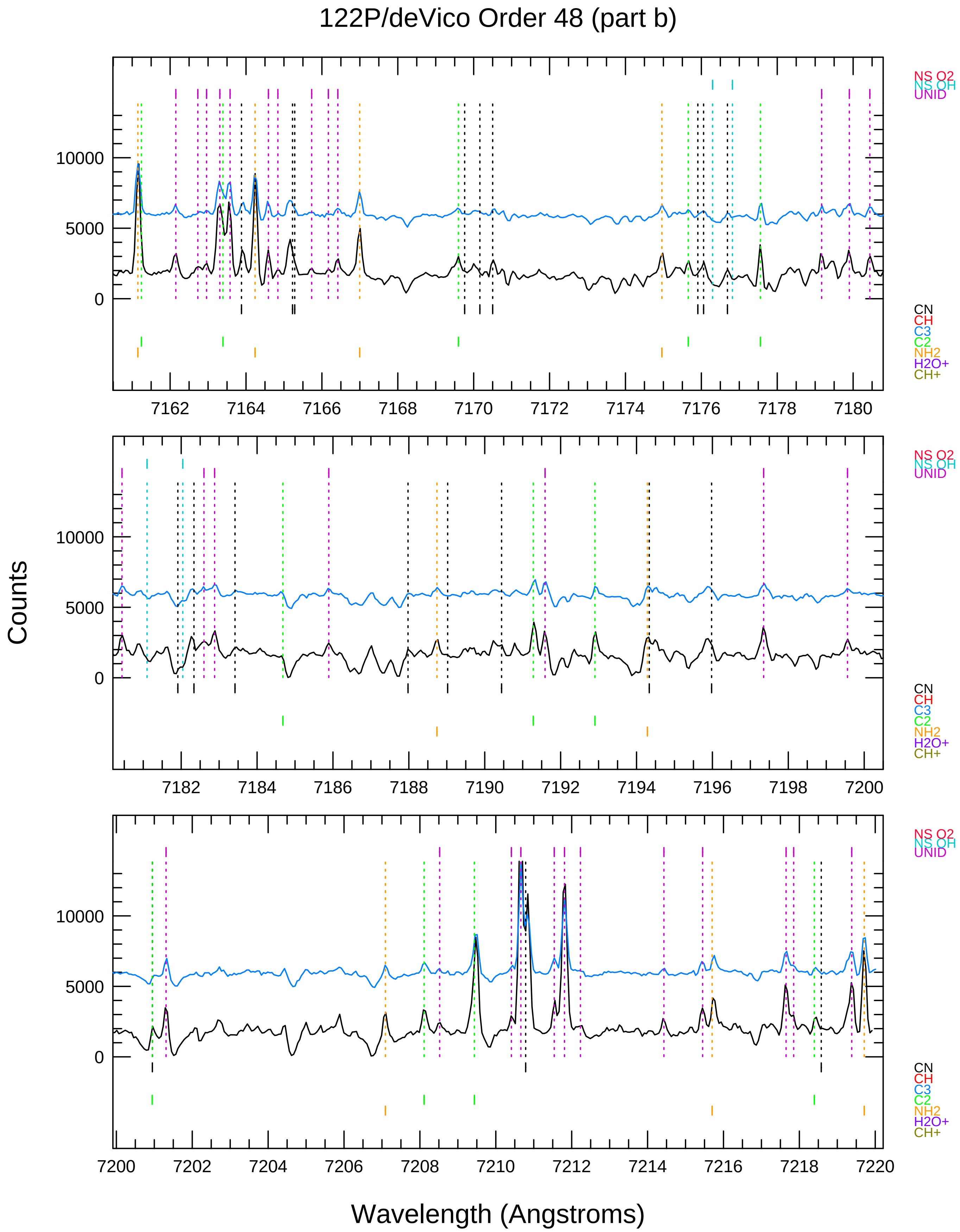

122P/deVico Order 49 (part a)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+

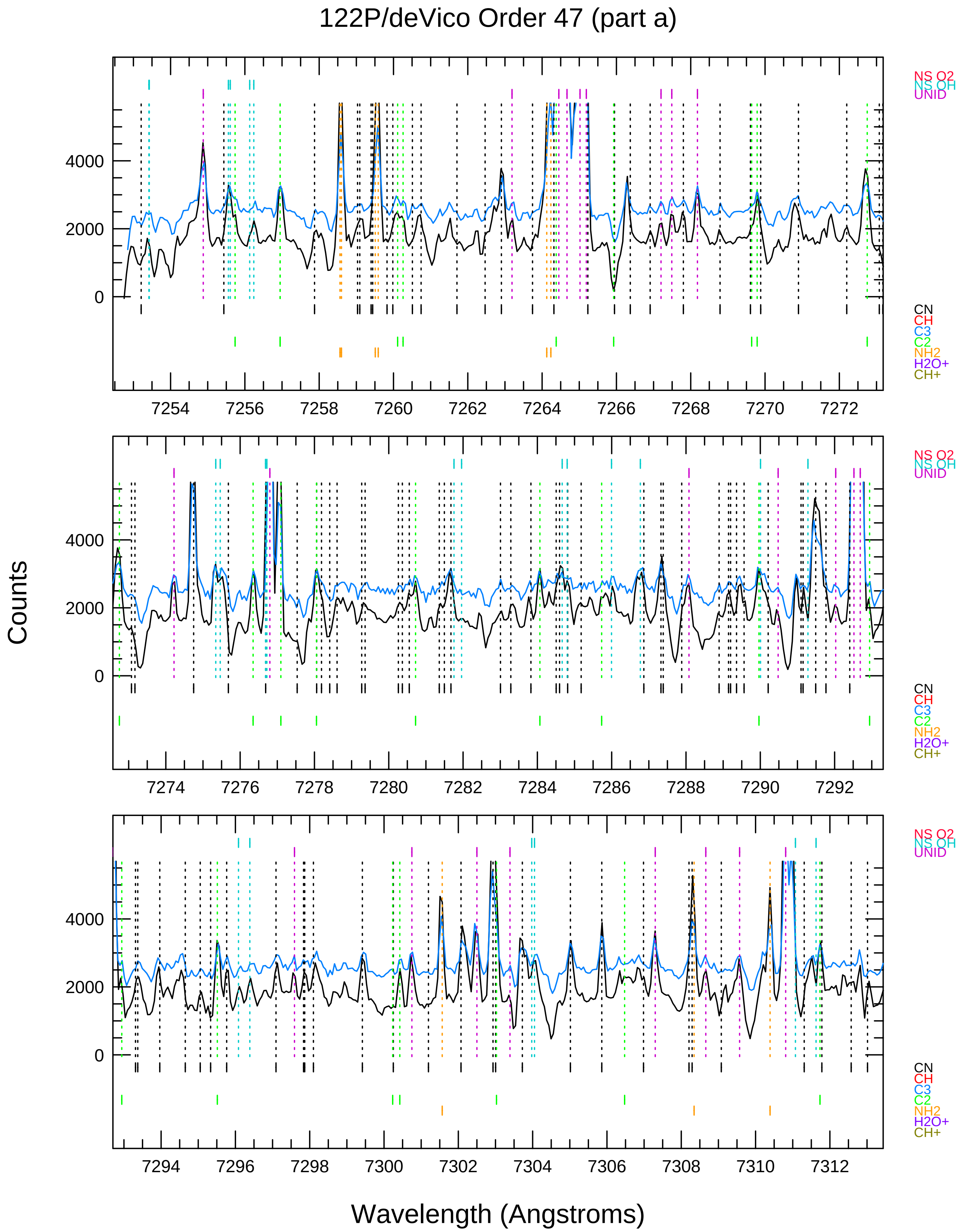


122P/deVico Order 49 (part b)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+

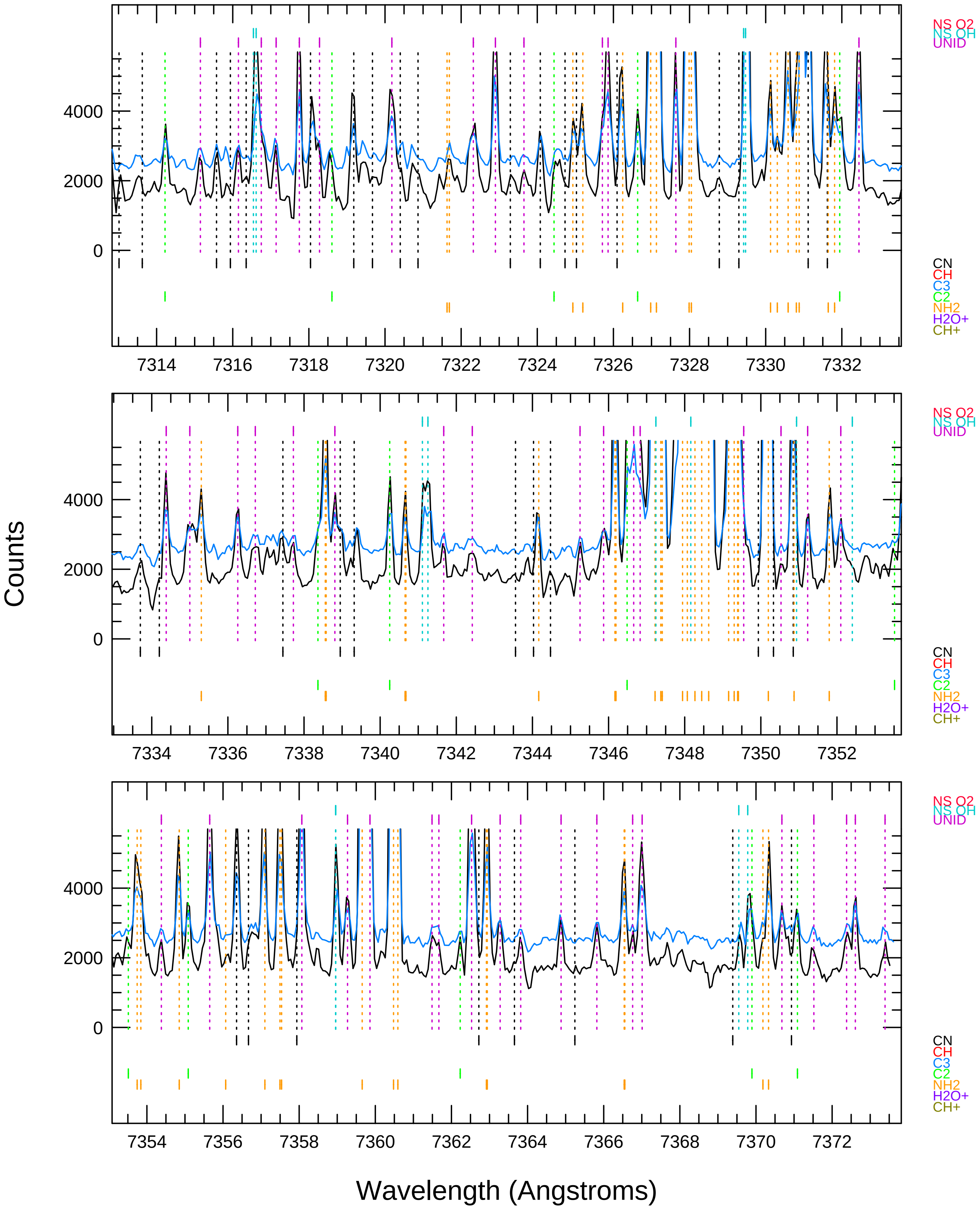
122P/deVico Order 48 (part a)

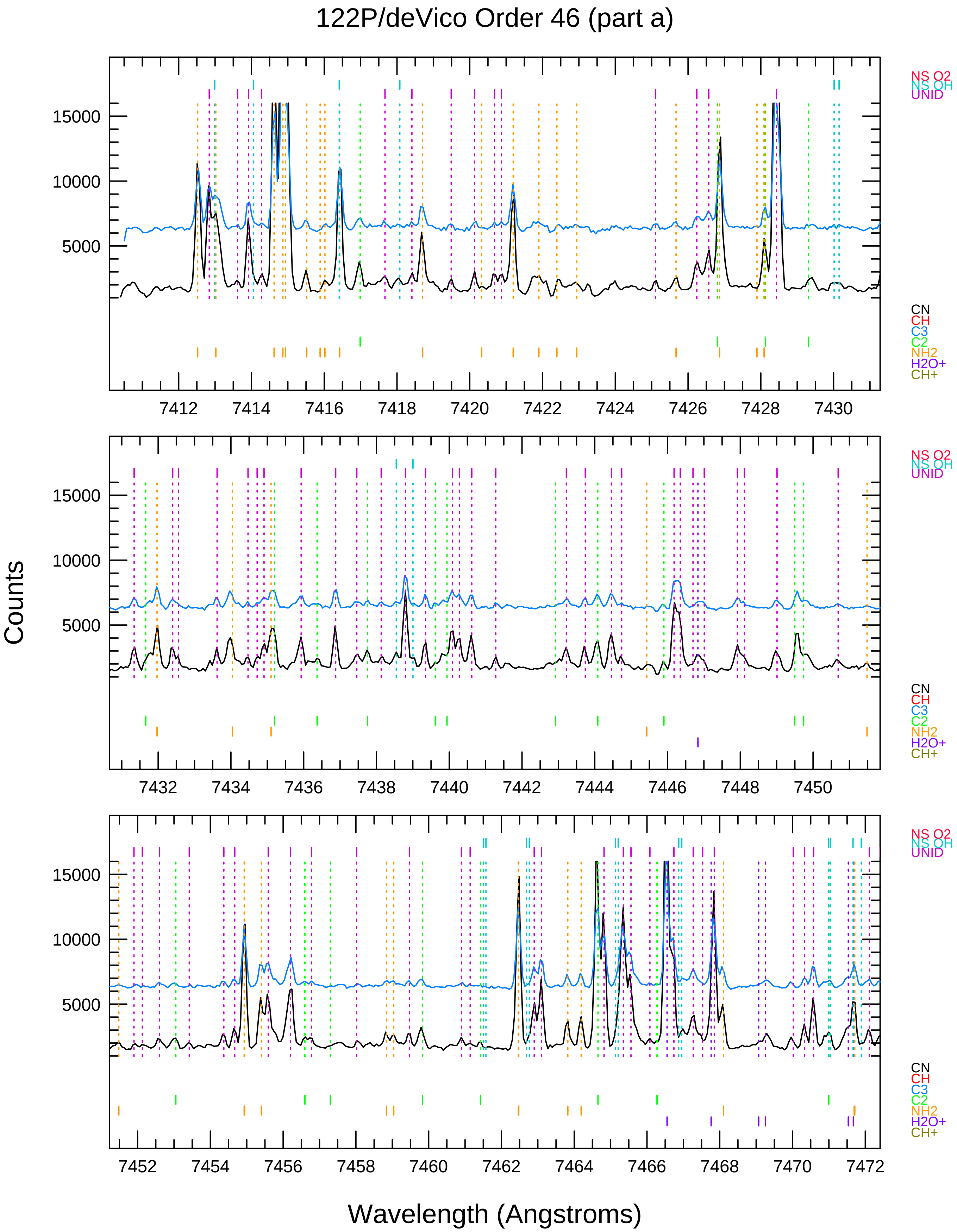



122P/deVico Order 48 (part b)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+
10000
5000
0
7162
7164
7166
7168
7170
7172
7174
7176
7178
7180
7182
7184
7186
7188
7190
7192
7194
7196
7198
7200
7202
7204
7206
7208
7210
7212
7214
7216
7218
7220

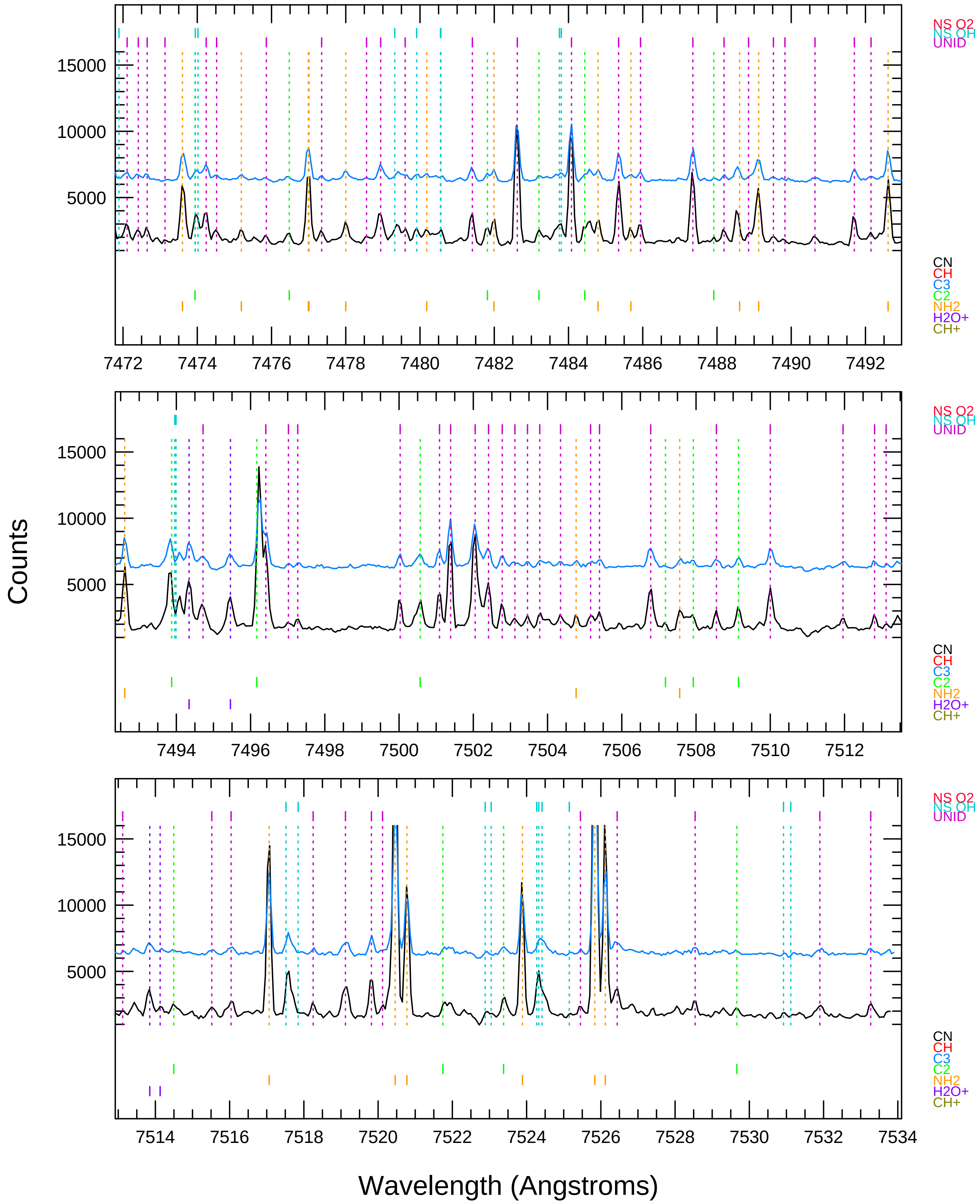

122P/deVico Order 47 (part a)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+
0
2000
4000
7254
7256
7258
7260
7262
7264
7266
7268
7270
7272
7274
7276
7278
7280
7282
7284
7286
7288
7290
7292
7294
7296
7298
7300
7302
7304
7306
7308
7310
7312

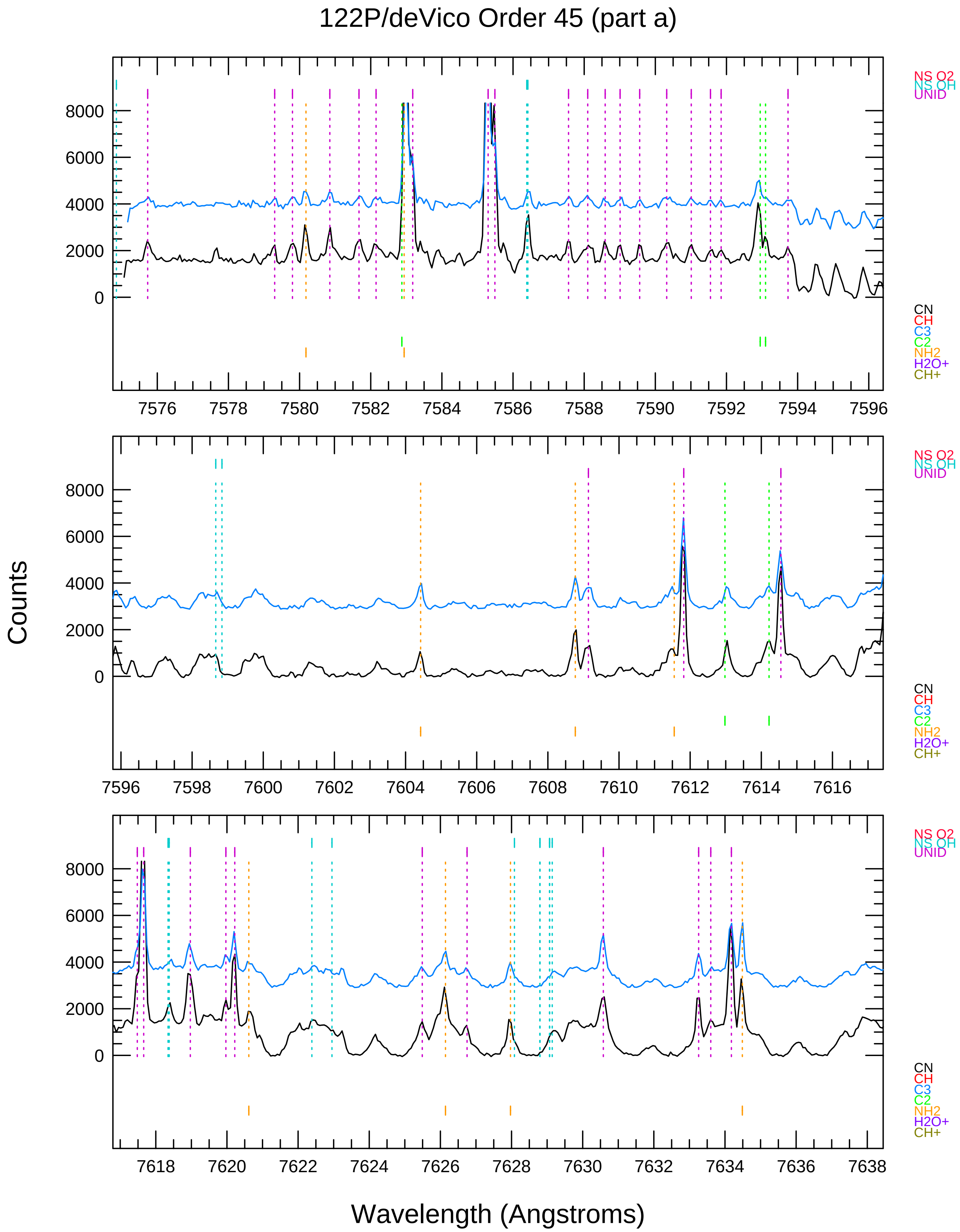
122P/deVico Order 47 (part b)




122P/deVico Order 46 (part a)
Counts
Wavelength (Angstroms)
15000
10000
5000
7412
7414
7416
7418
7420
7422
7424
7426
7428
7430
7432
7434
7436
7438
7440
7442
7444
7446
7448
7450
7452
7454
7456
7458
7460
7462
7464
7466
7468
7470
7472
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+

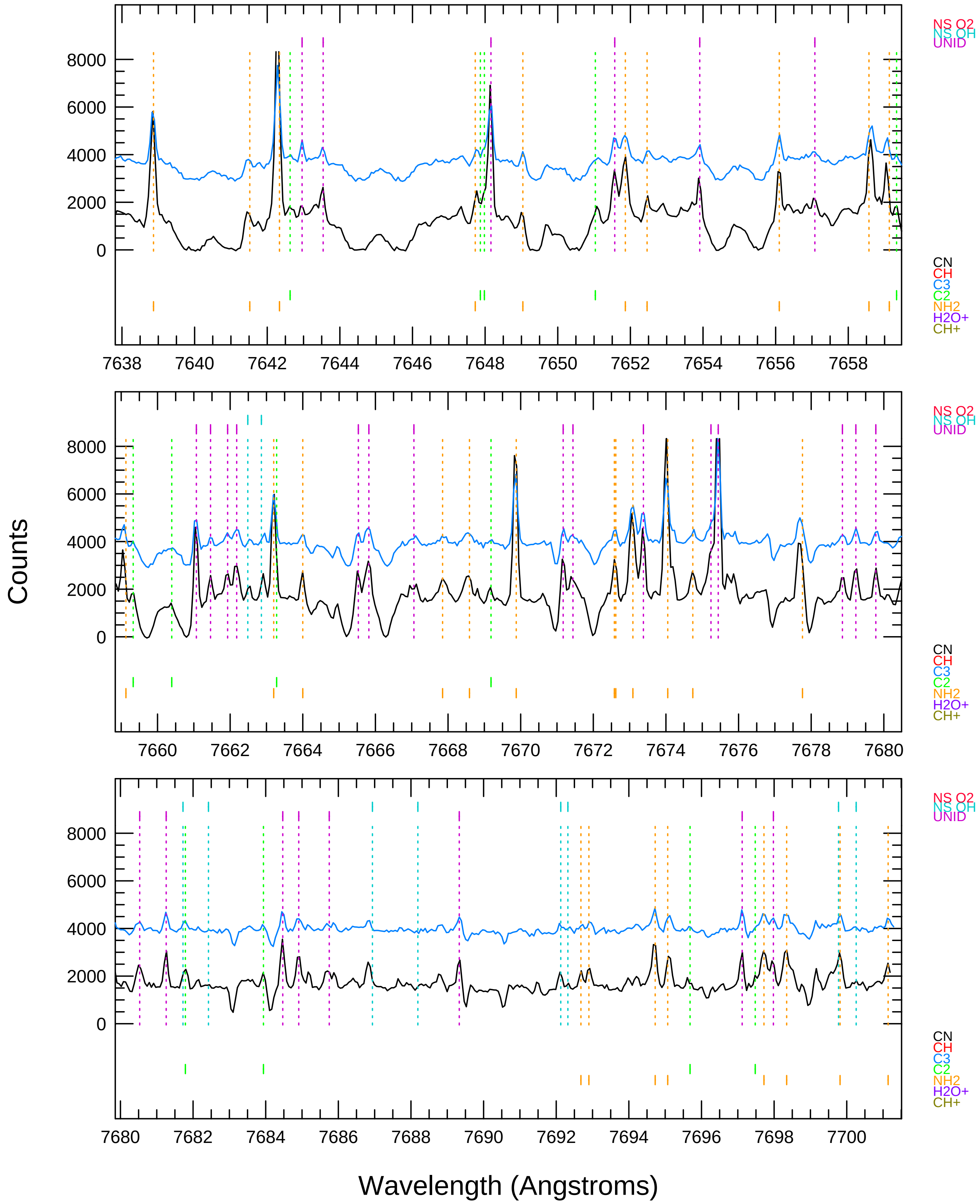
122P/deVico Order 46 (part b)



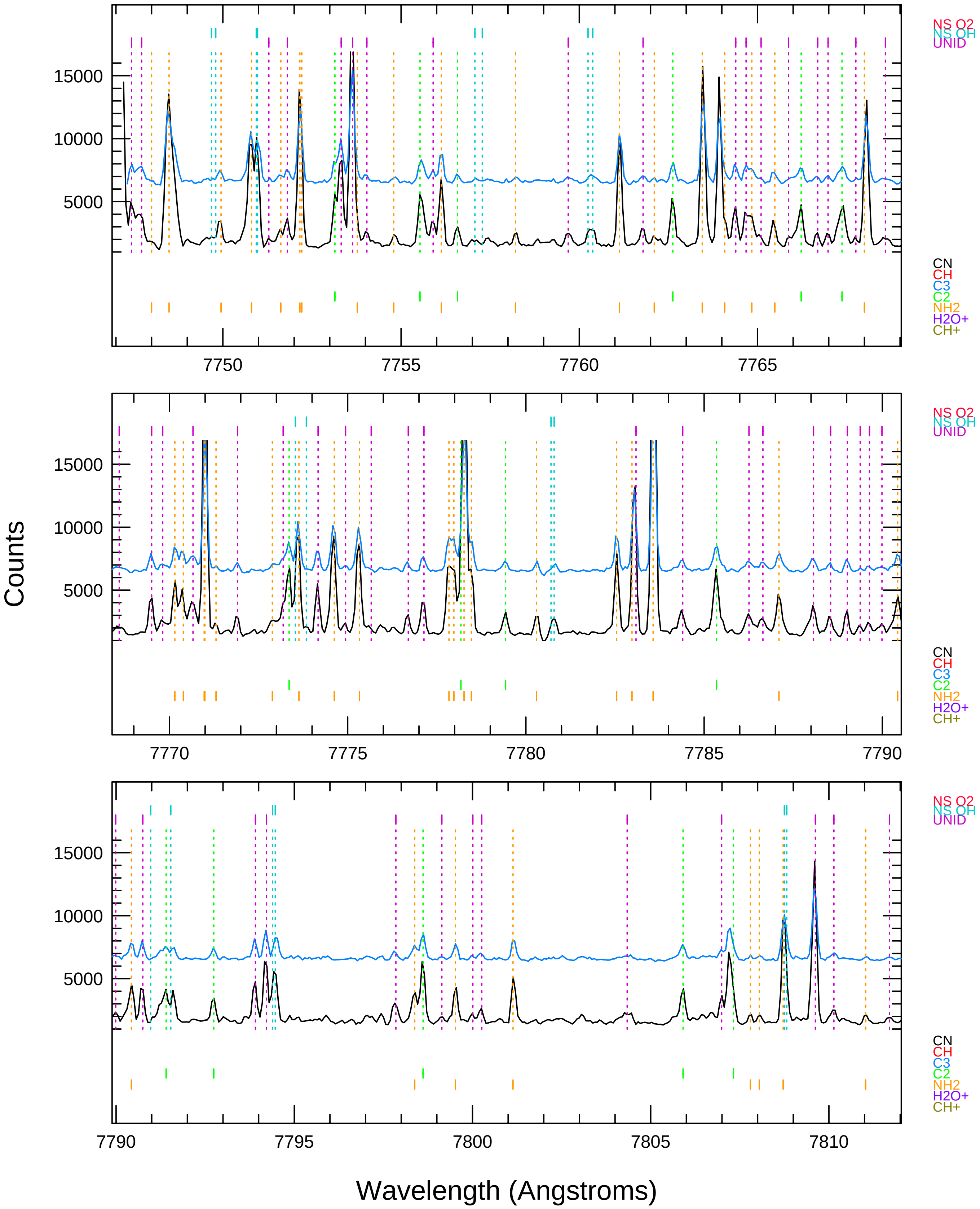


122P/deVico Order 45 (part a)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+

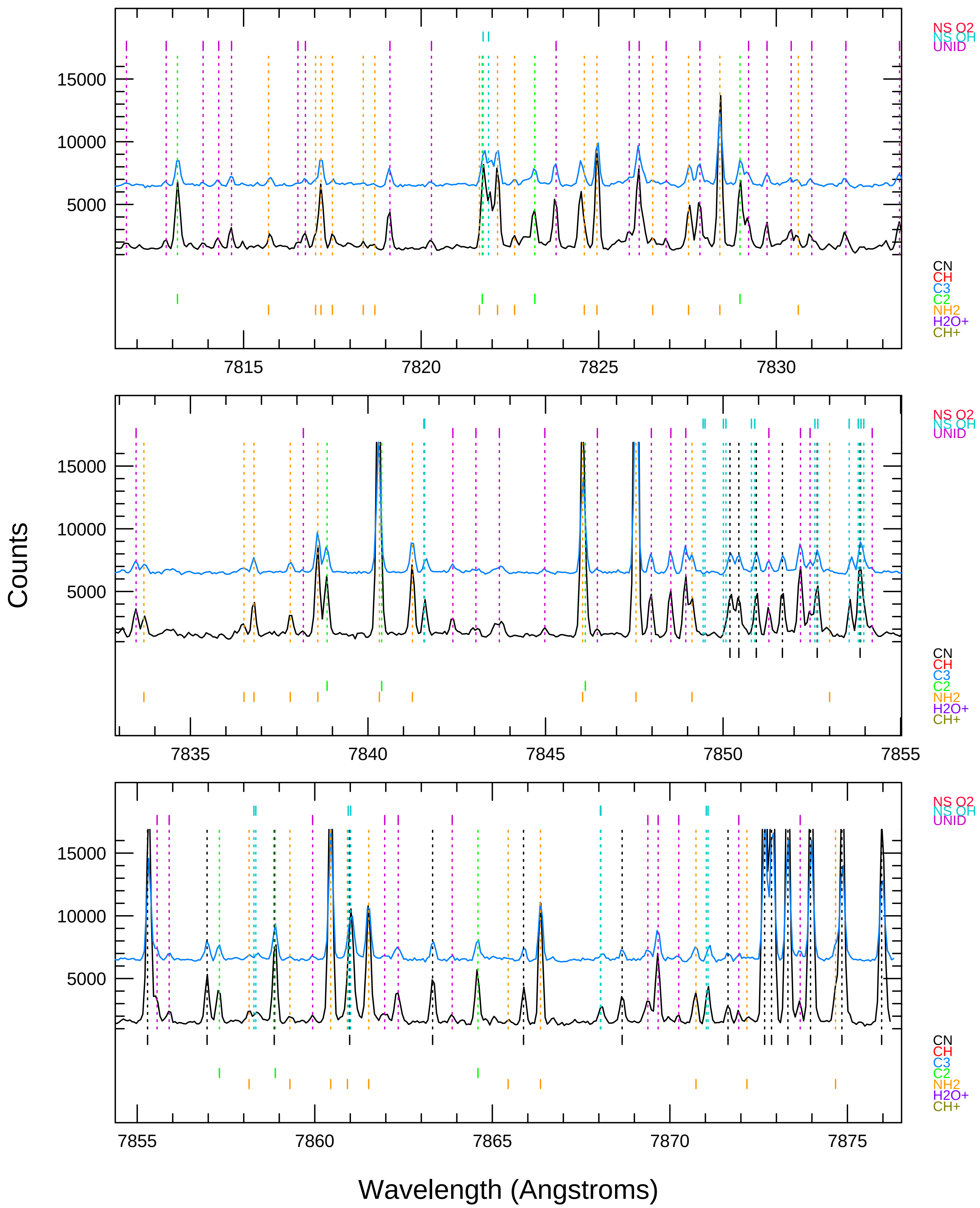
122P/deVico Order 45 (part b)

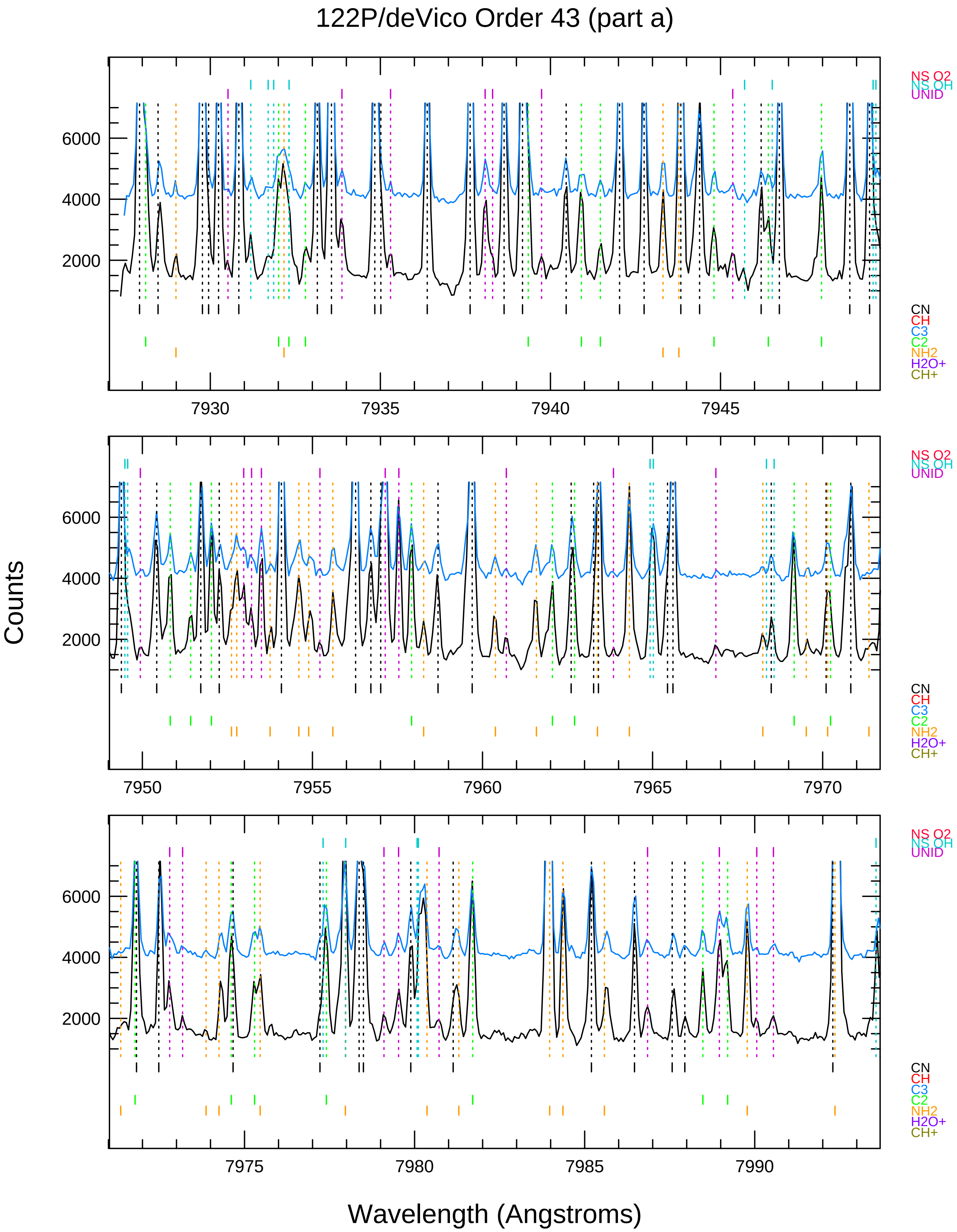


122P/deVico Order 44 (part a)

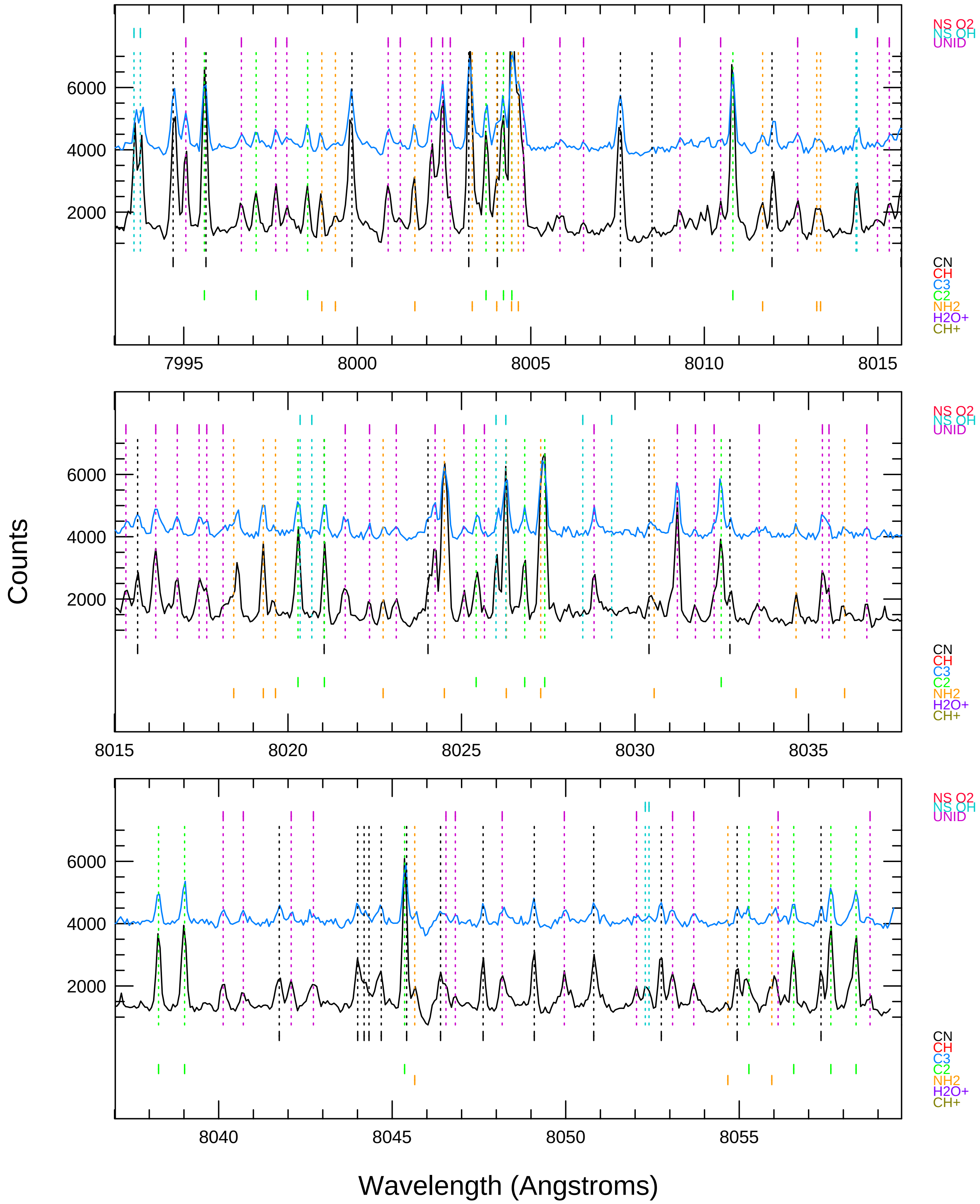


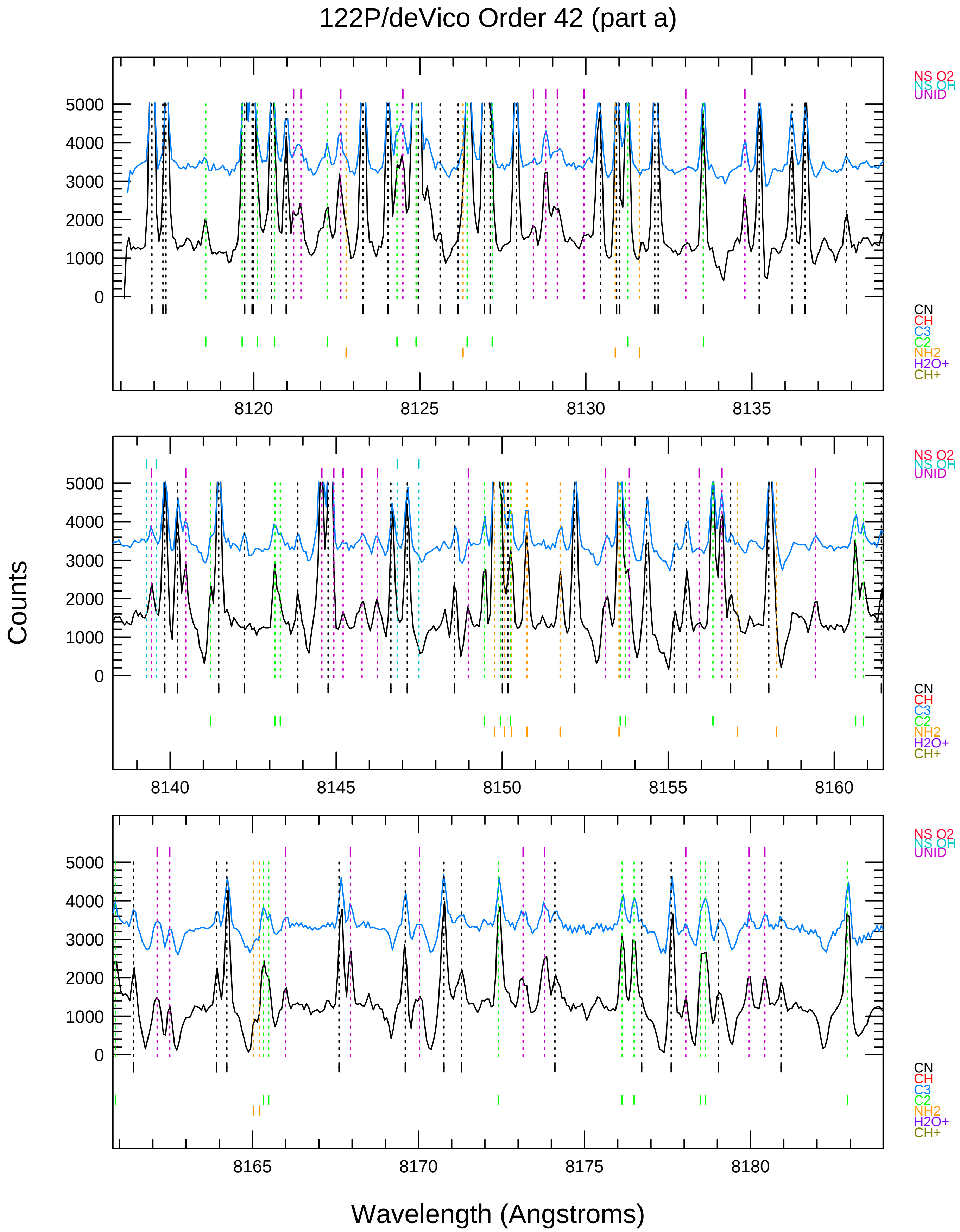
122P/deVico Order 44 (part b)



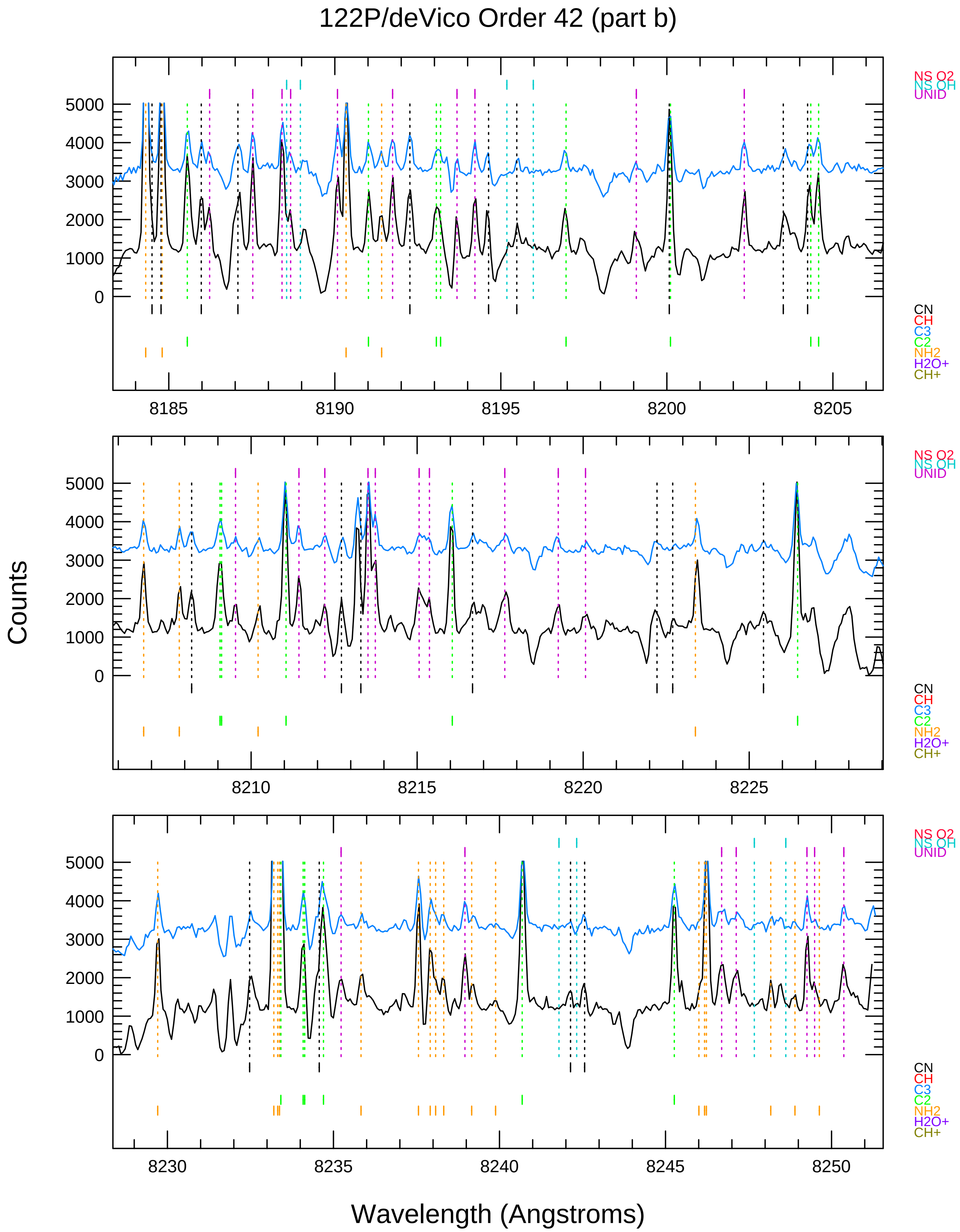

122P/deVico Order 43 (part a)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+
2000
4000
6000
7930
7935
7940
7945
7950
7955
7960
7965
7970
7975
7980
7985
7990

122P/deVico Order 43 (part b)

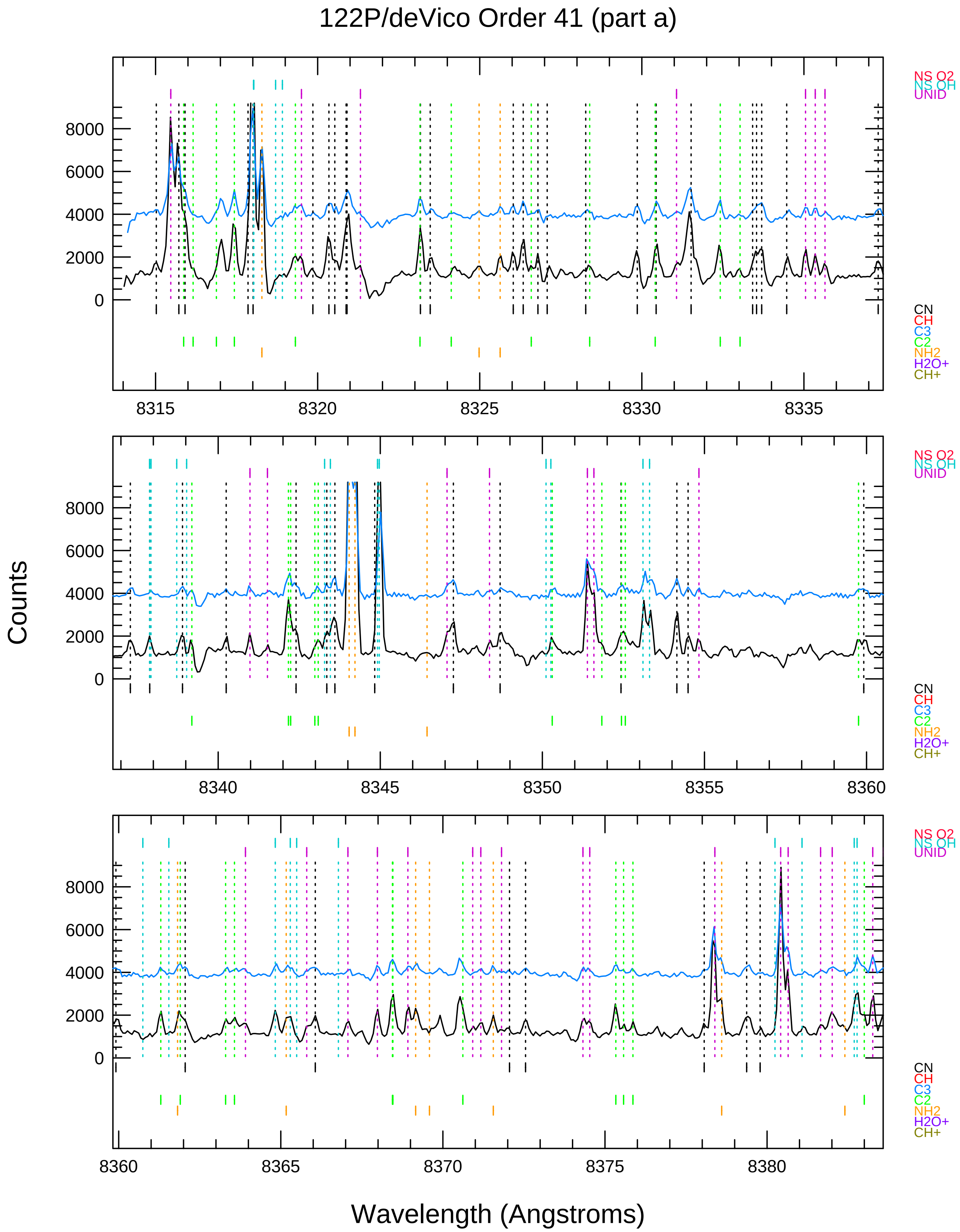




122P/deVico Order 42 (part a)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+
0
1000
2000
3000
4000
5000
8120
8125
8130
8135
8140
8145
8150
8155
8160
8165
8170
8175
8180

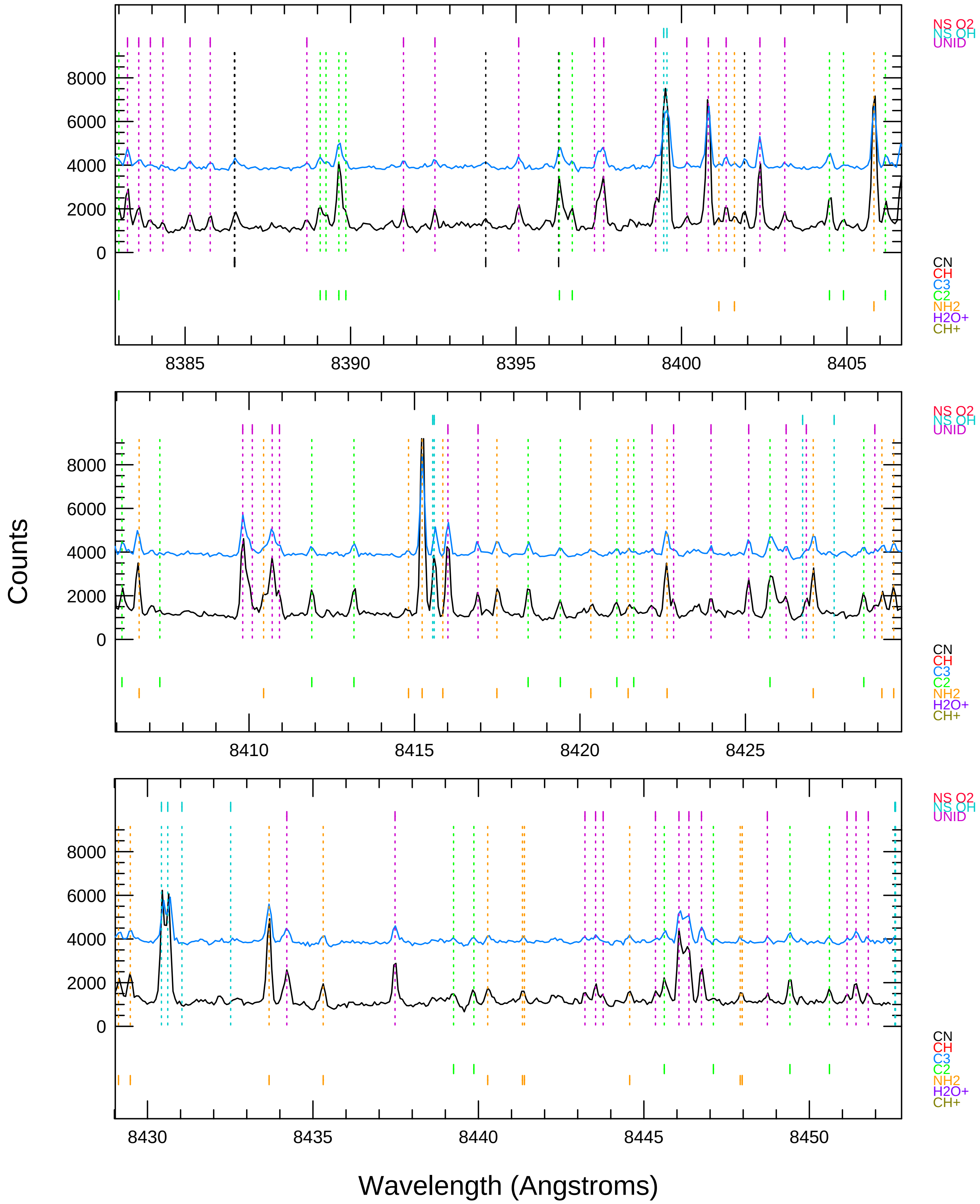


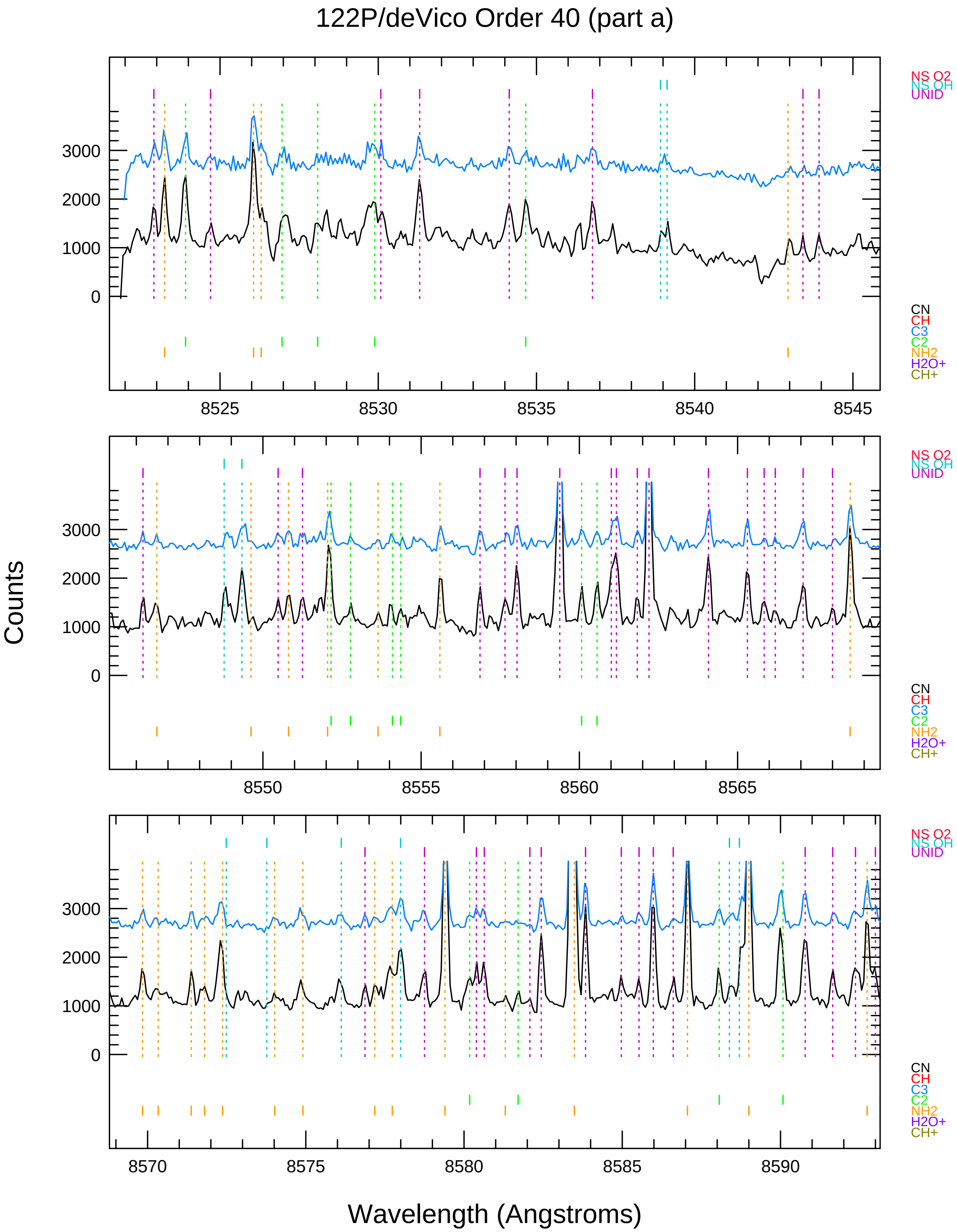
122P/deVico Order 42 (part b)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+
8185
8190
8195
8200
8205
8210
8215
8220
8225
8230
8235
8240
8245
8250
0
1000
2000
3000
4000
5000

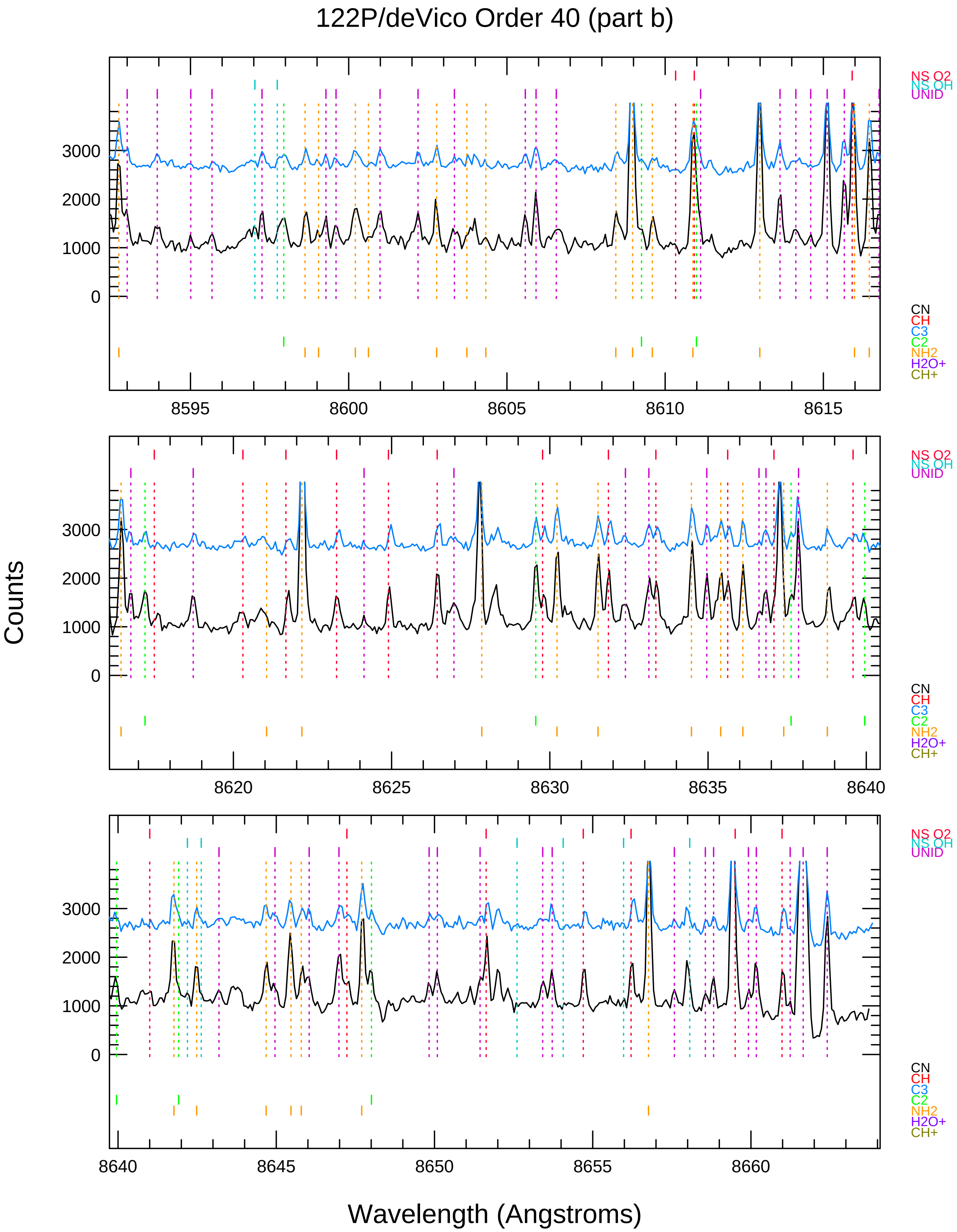


122P/deVico Order 41 (part a)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+

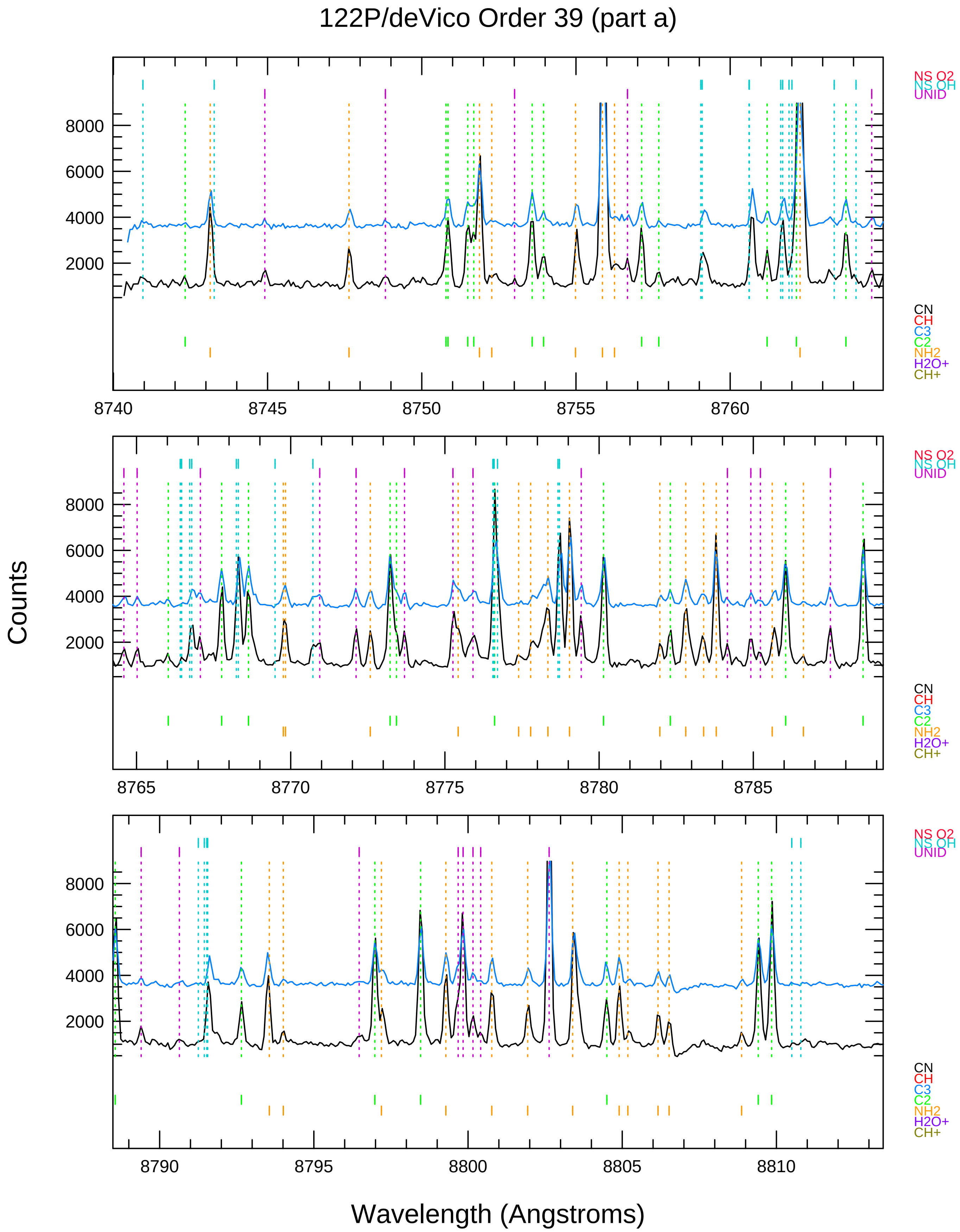
122P/deVico Order 41 (part b)




122P/deVico Order 40 (part a)
Counts
Wavelength (Angstroms)
0
1000
2000
3000
8525
8530
8535
8540
8545
8550
8555
8560
8565
8570
8575
8580
8585
8590
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+

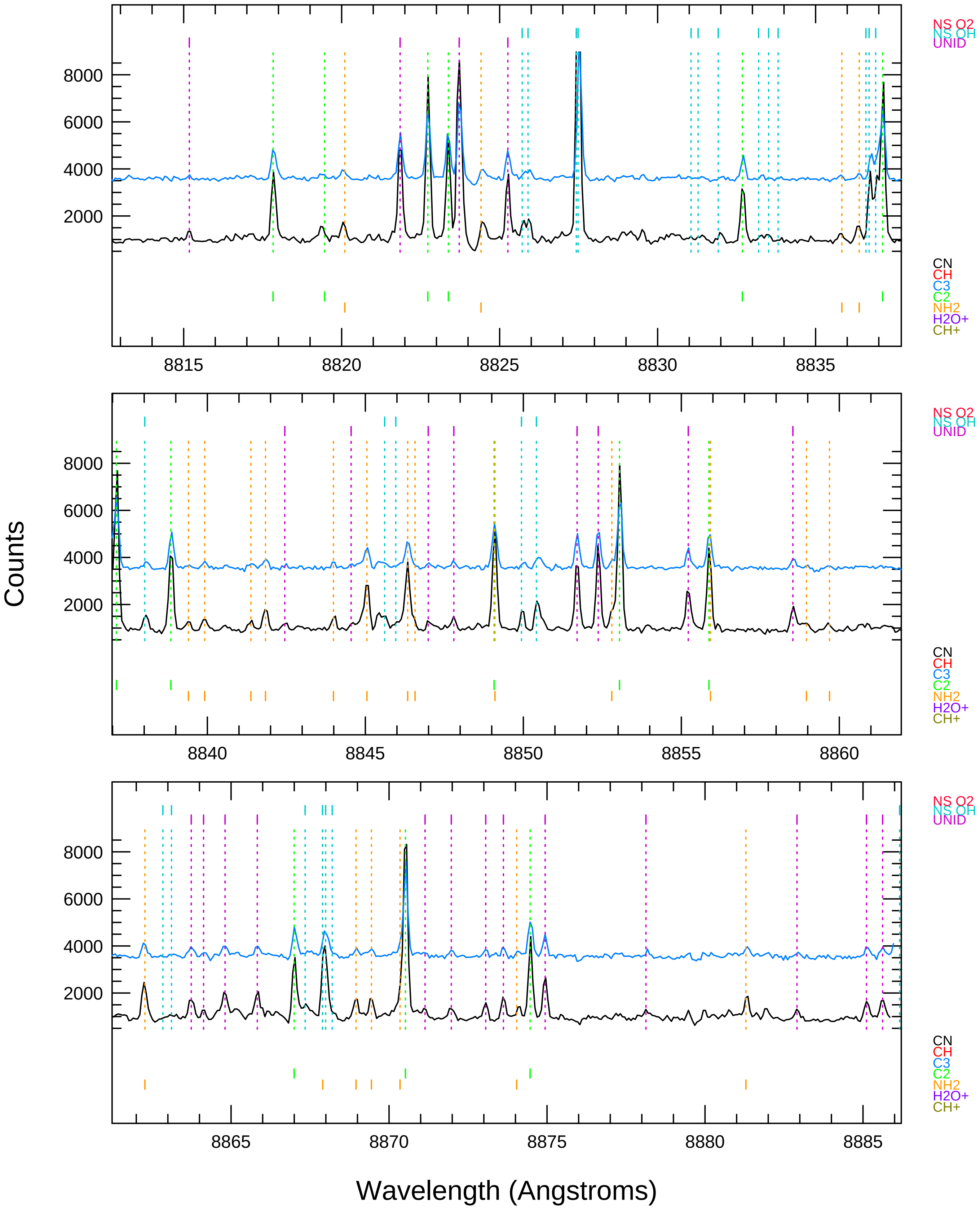


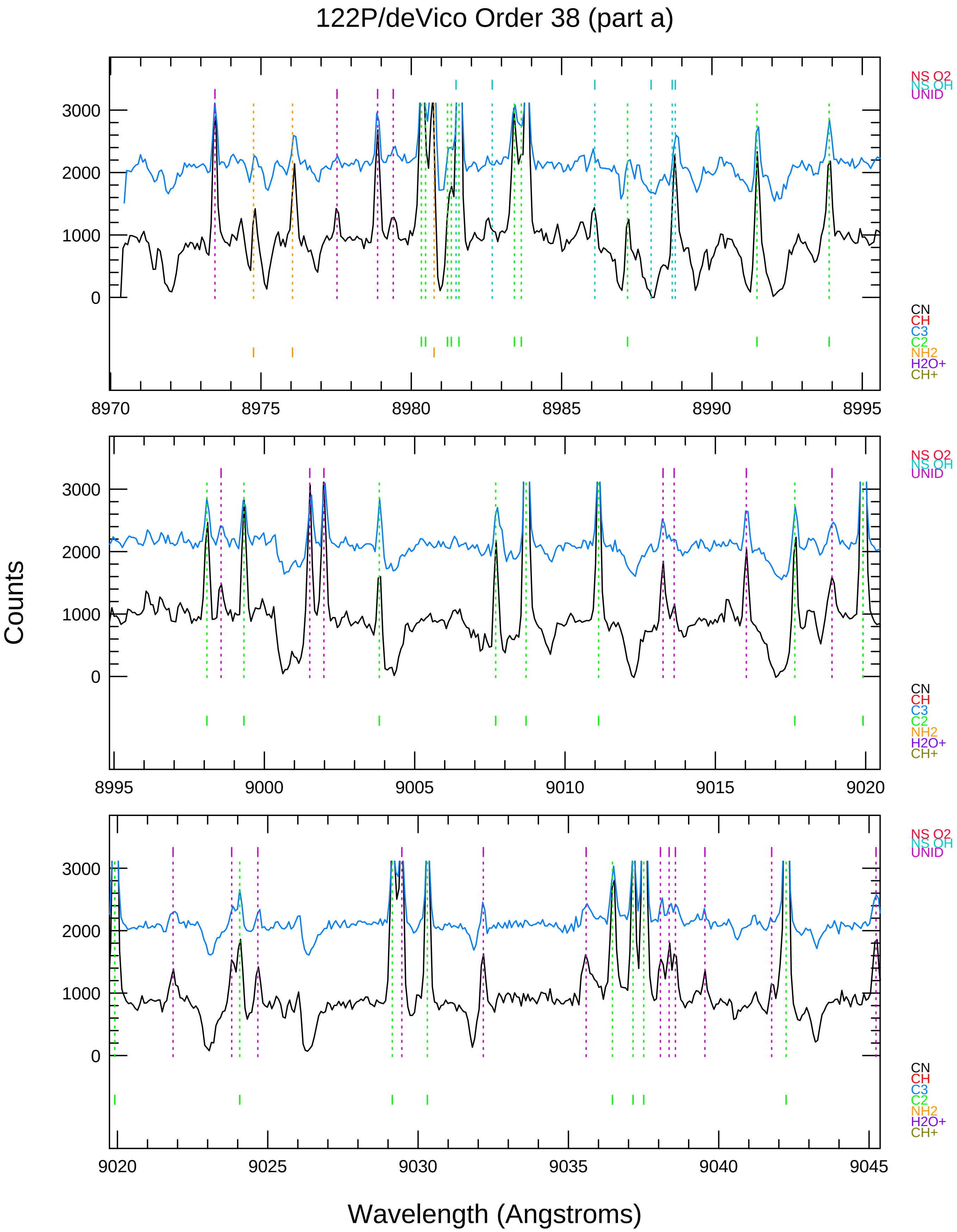
122P/deVico Order 40 (part b)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+
0
1000
2000
3000
8595
8600
8605
8610
8615
8620
8625
8630
8635
8640
8645
8650
8655
8660



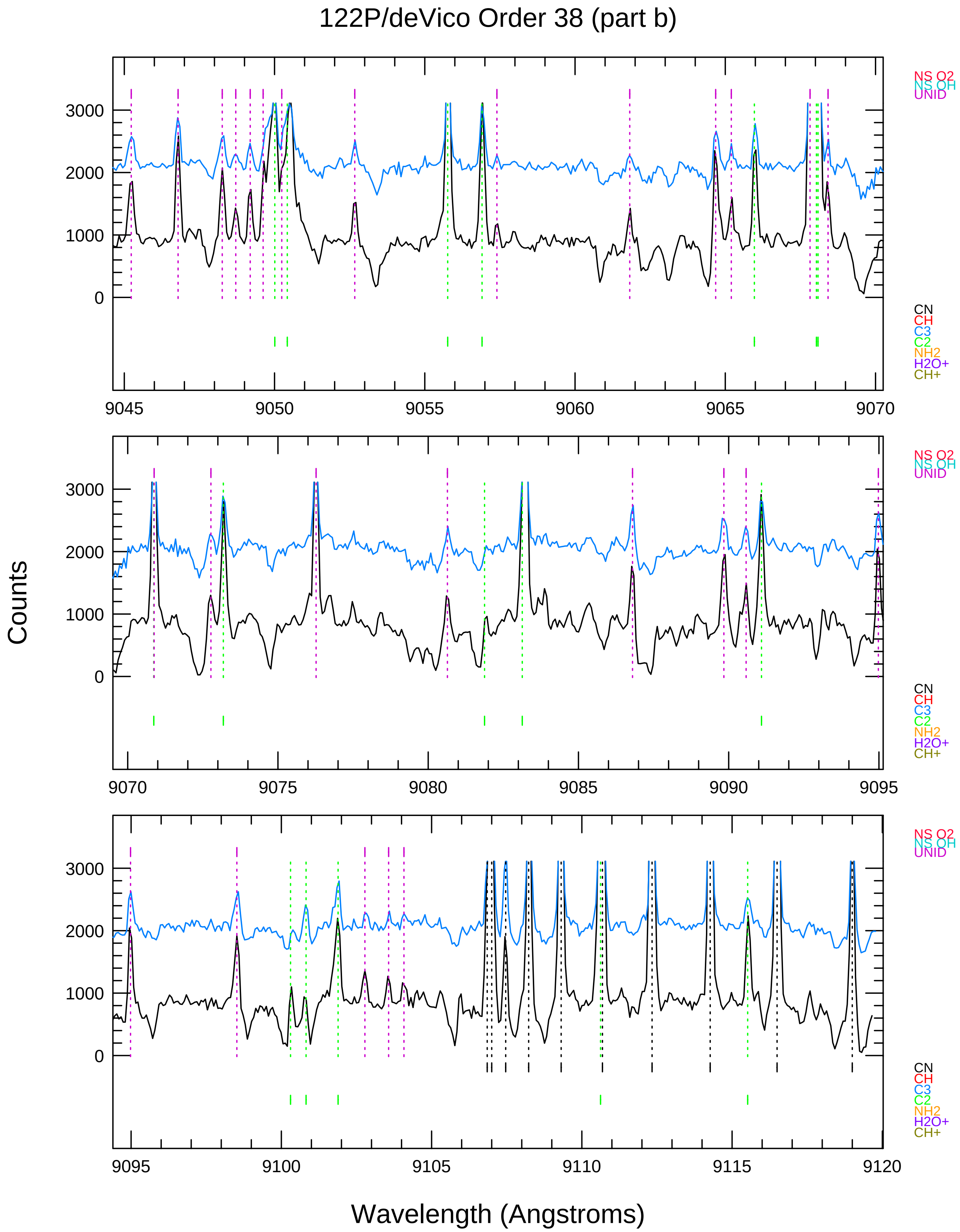
122P/deVico Order 39 (part a)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+
8000
6000
4000
2000
8740
8745
8750
8755
8760
8765
8770
8775
8780
8785
8790
8795
8800
8805
8810

122P/deVico Order 39 (part b)

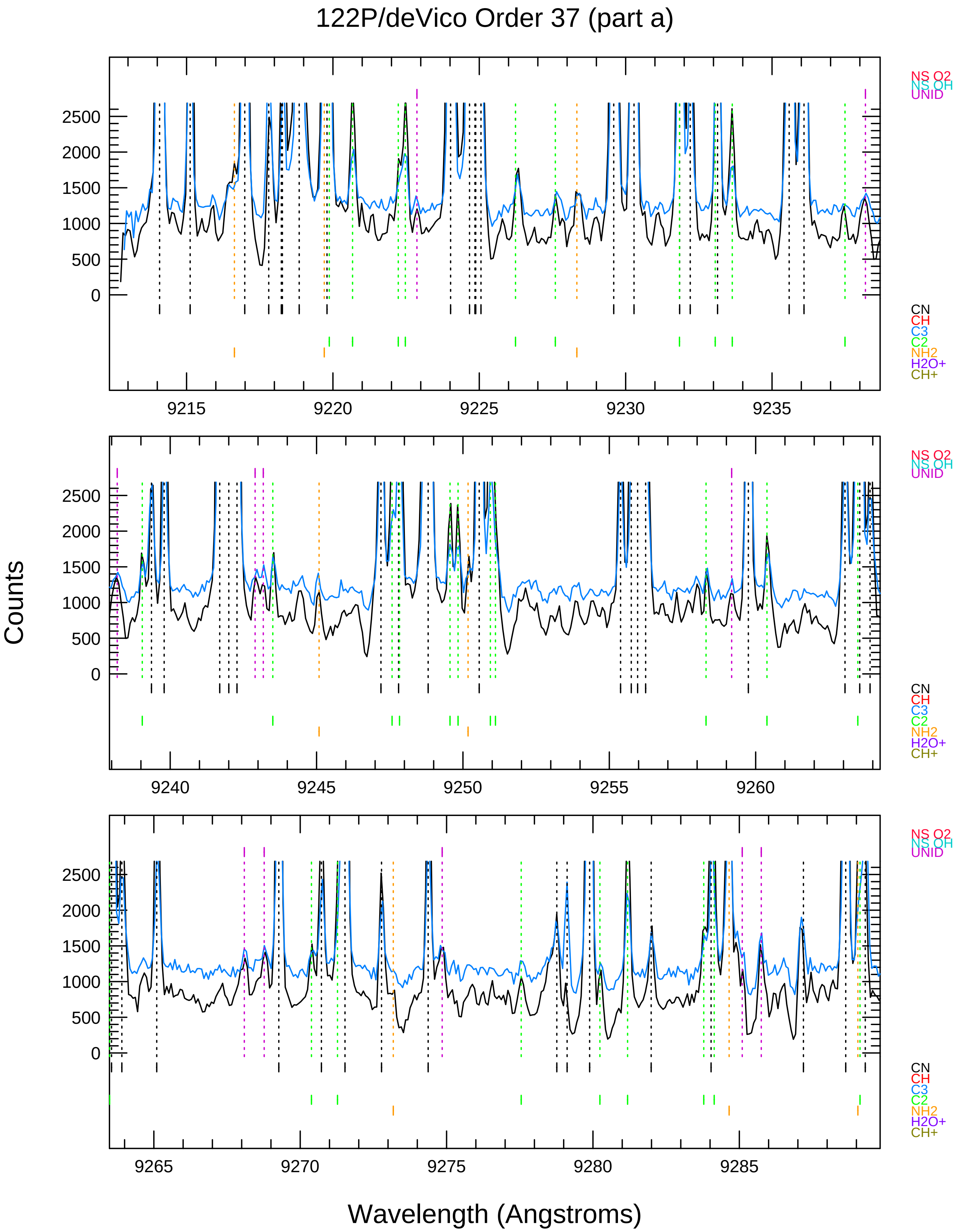




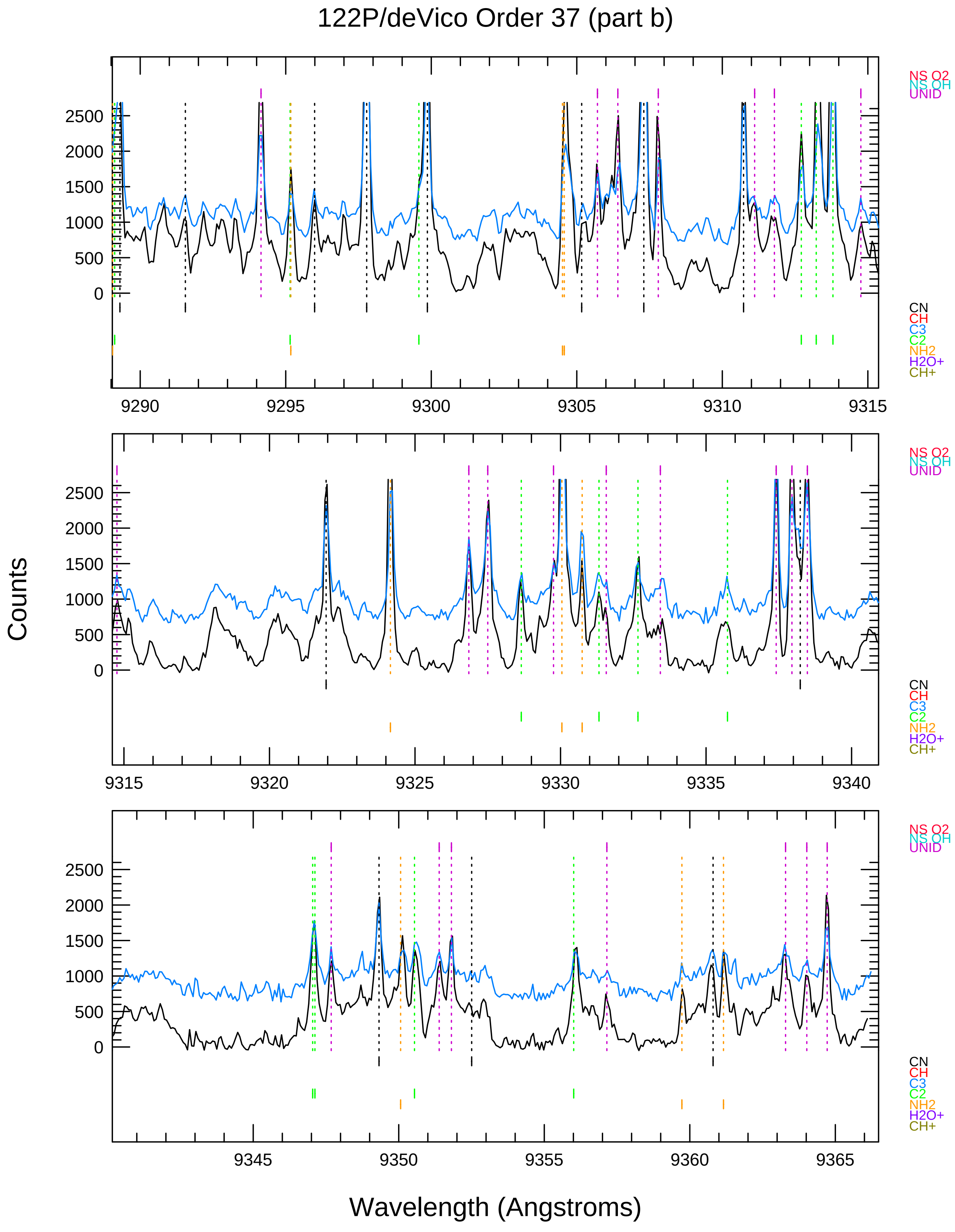
122P/deVico Order 38 (part a)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+
0
1000
2000
3000
8970
8975
8980
8985
8990
8995
9000
9005
9010
9015
9020
9025
9030
9035
9040
9045

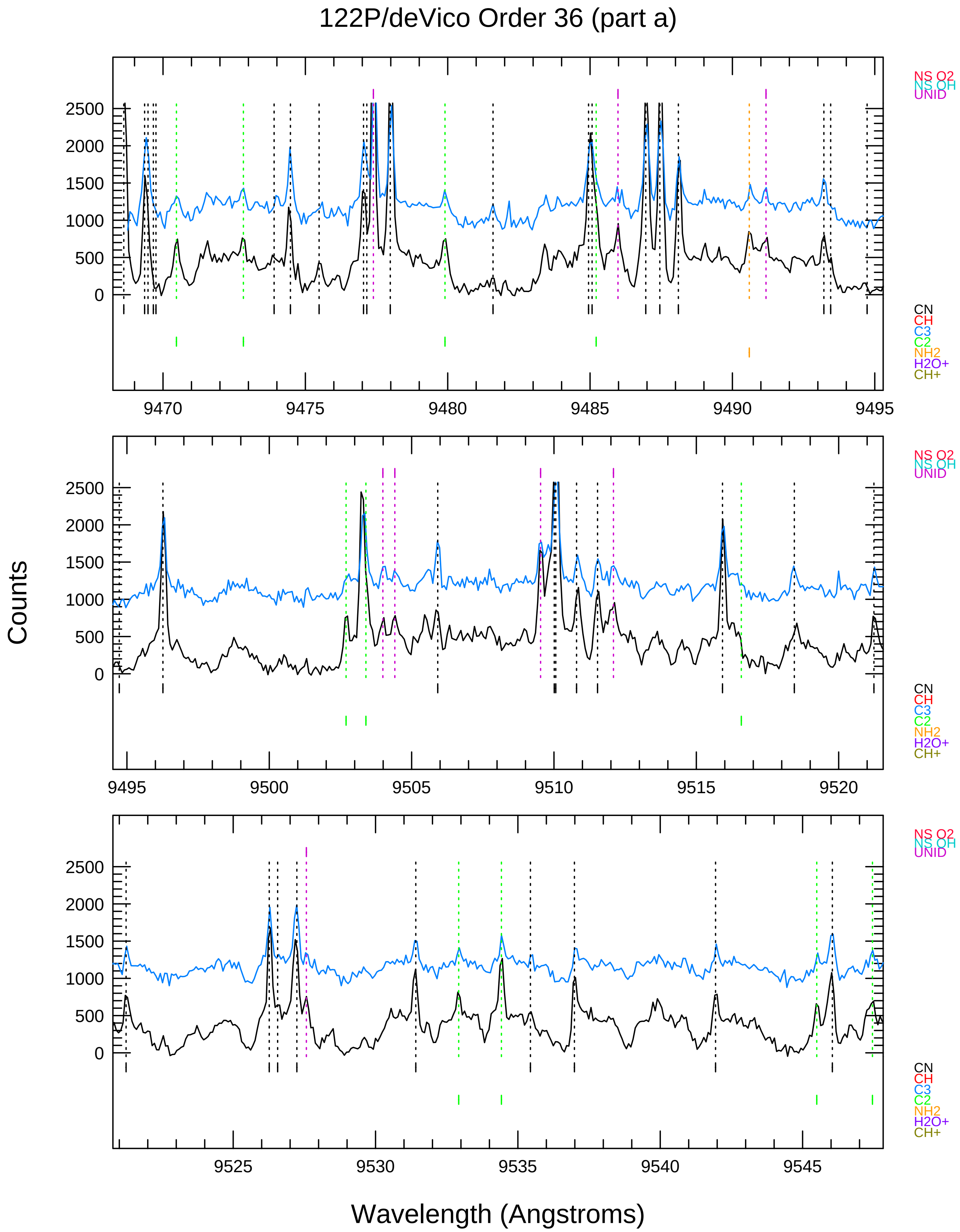


122P/deVico Order 38 (part b)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+
3000
2000
1000
0
9045
9050
9055
9060
9065
9070
9075
9080
9085
9090
9095
9100
9105
9110
9115
9120

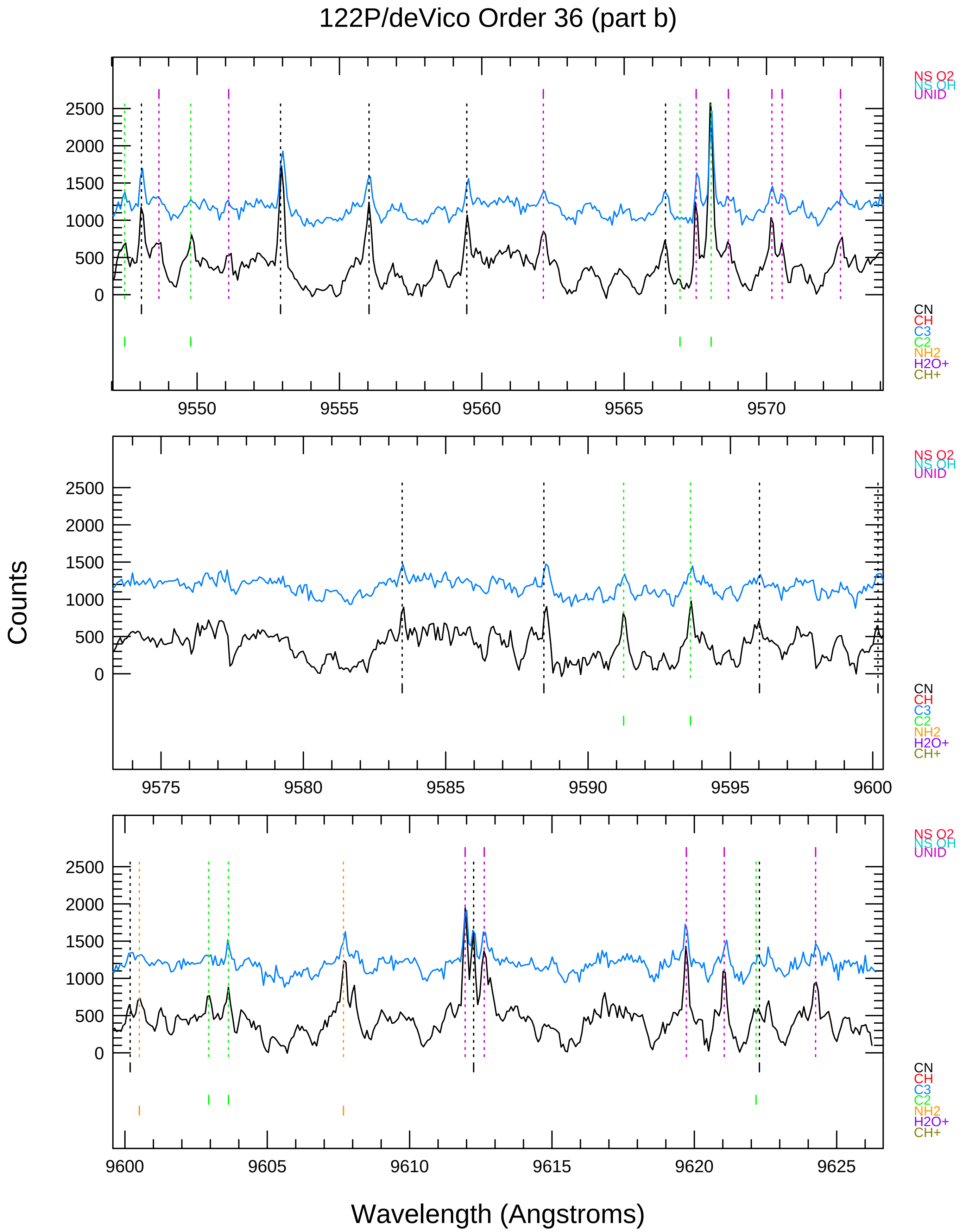


122P/deVico Order 37 (part a)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+
9215
9220
9225
9230
9235
9240
9245
9250
9255
9260
9265
9270
9275
9280
9285
0
500
1000
1500
2000
2500

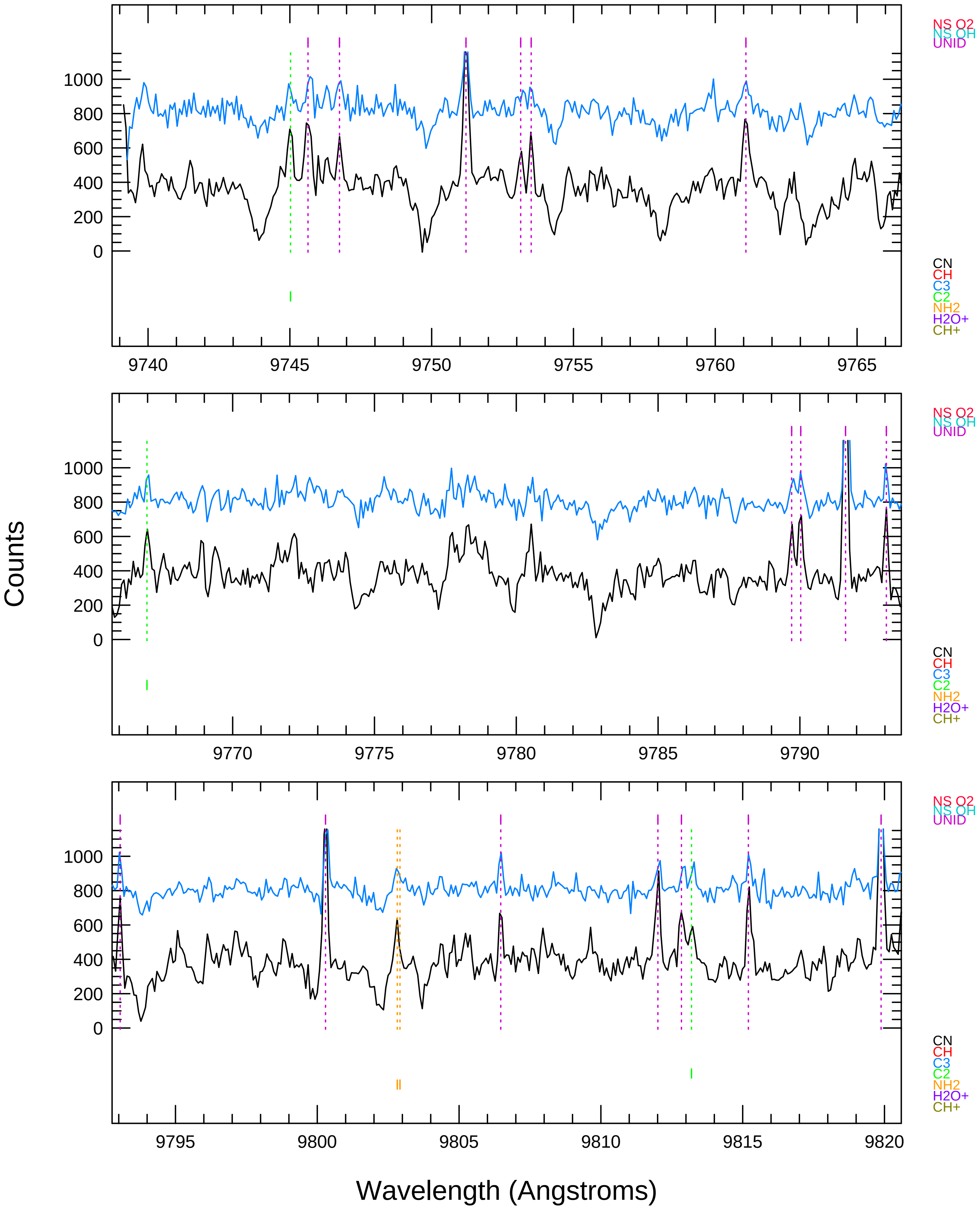

122P/deVico Order 37 (part b)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+
0
500
1000
1500
2000
2500
9290
9295
9300
9305
9310
9315
9320
9325
9330
9335
9340
9345
9350
9355
9360
9365



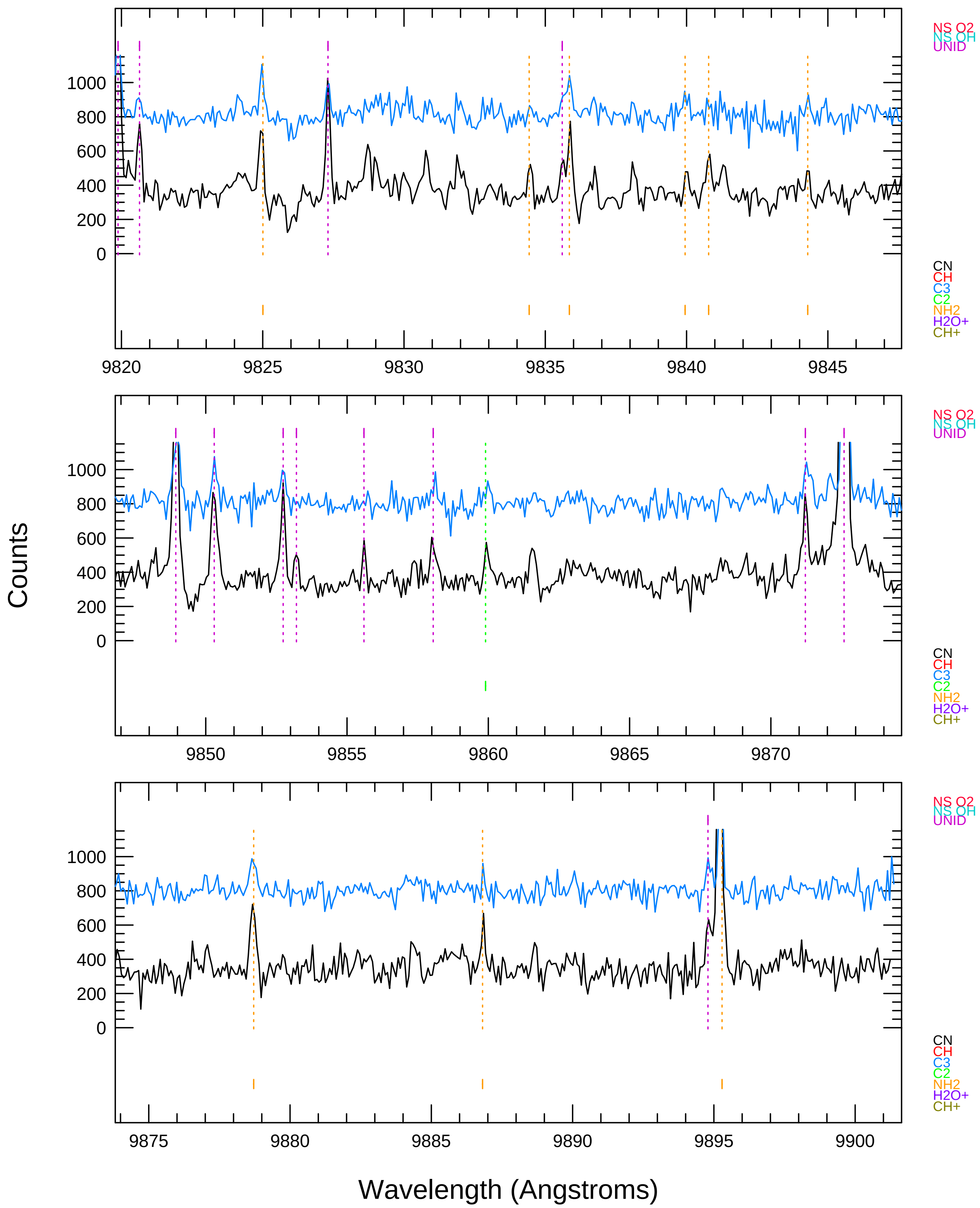
122P/deVico Order 36 (part a)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+

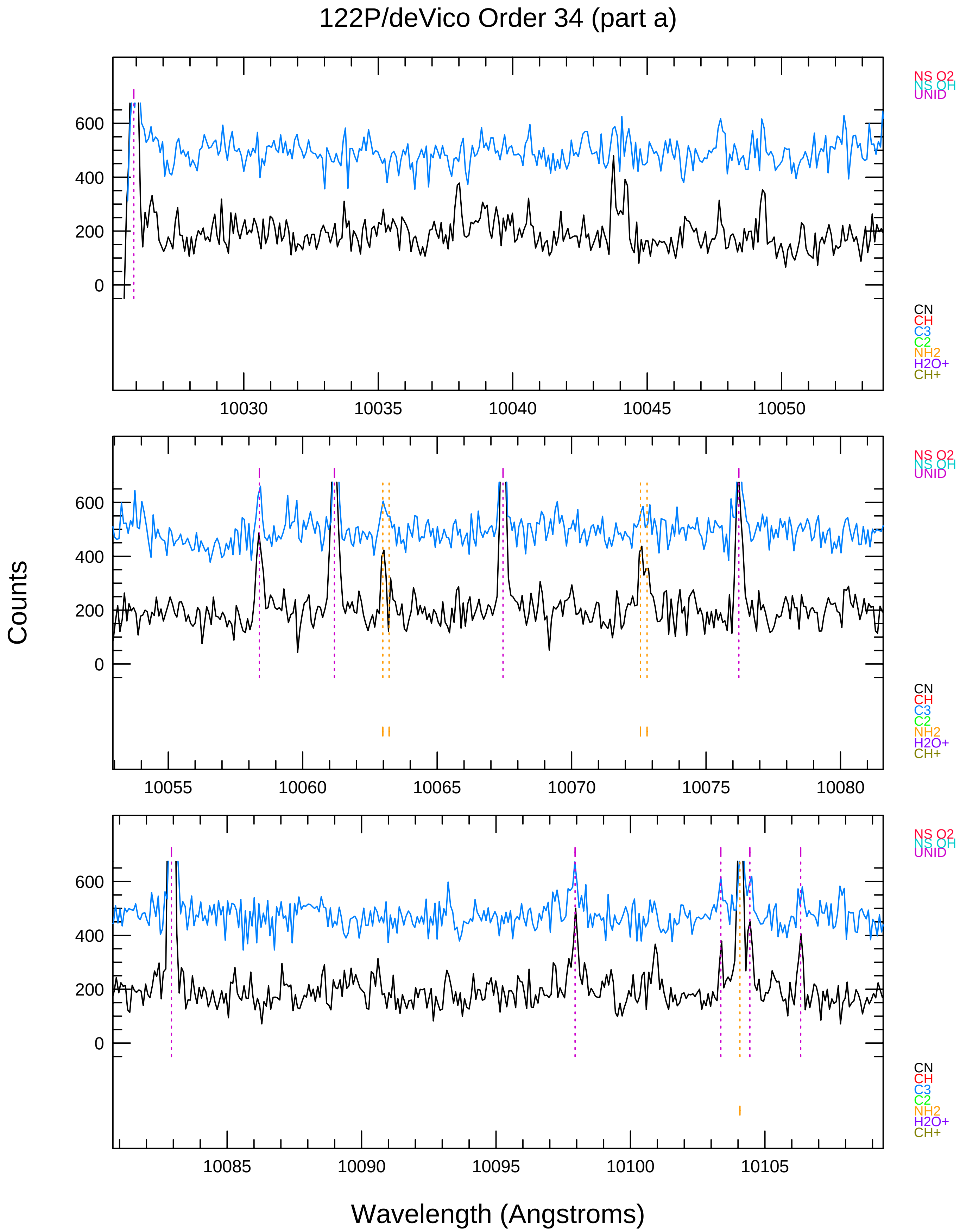

122P/deVico Order 36 (part b)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+
Counts
Wavelength (Angstroms)
0
500
1000
1500
2000
2500
9550
9555
9560
9565
9570
9575
9580
9585
9590
9595
9600
9605
9610
9615
9620
9625

122P/deVico Order 35 (part a)



122P/deVico Order 35 (part b)





122P/deVico Order 34 (part a)
Counts
Wavelength (Angstroms)
NS O2
NS OH
UNID
CN
CH
C3
C2
NH2
H2O+
CH+
600
400
200
0
10030
10035
10040
10045
10050
10055
10060
10065
10070
10075
10080
10085
10090
10095
10100
10105

122P/deVico Order 34 (part b)