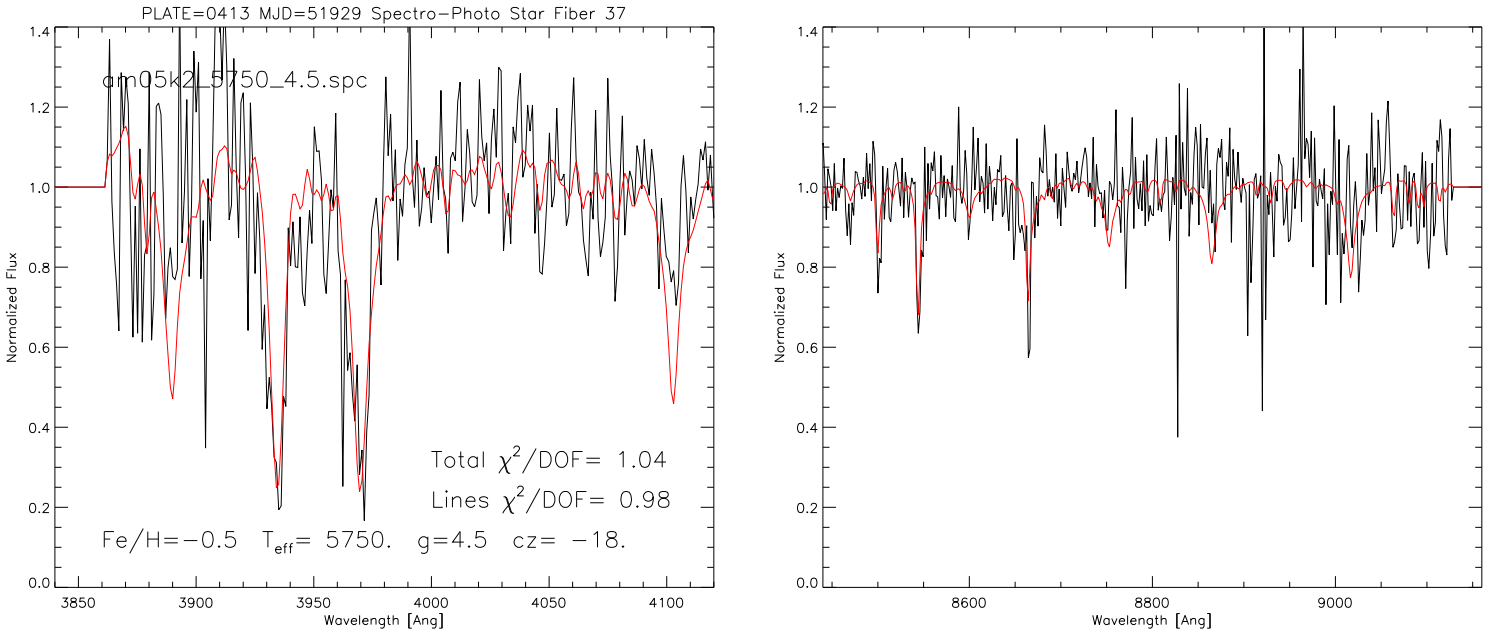
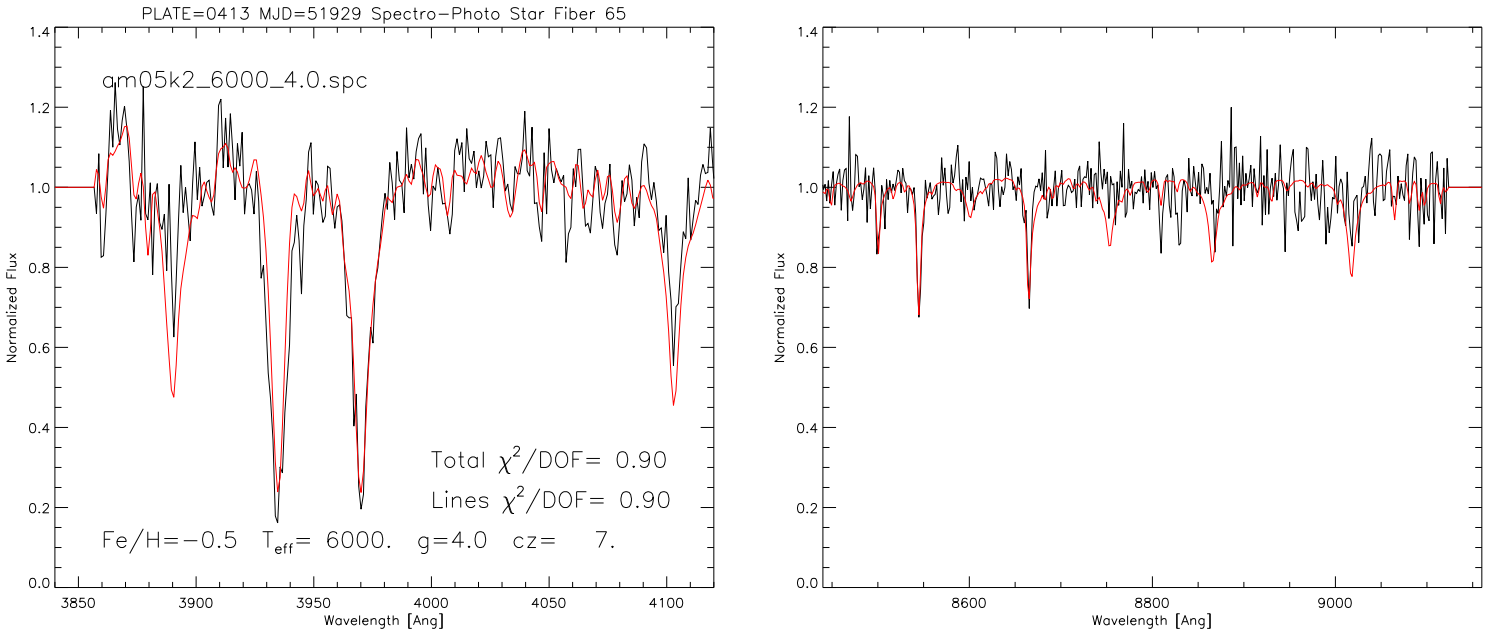
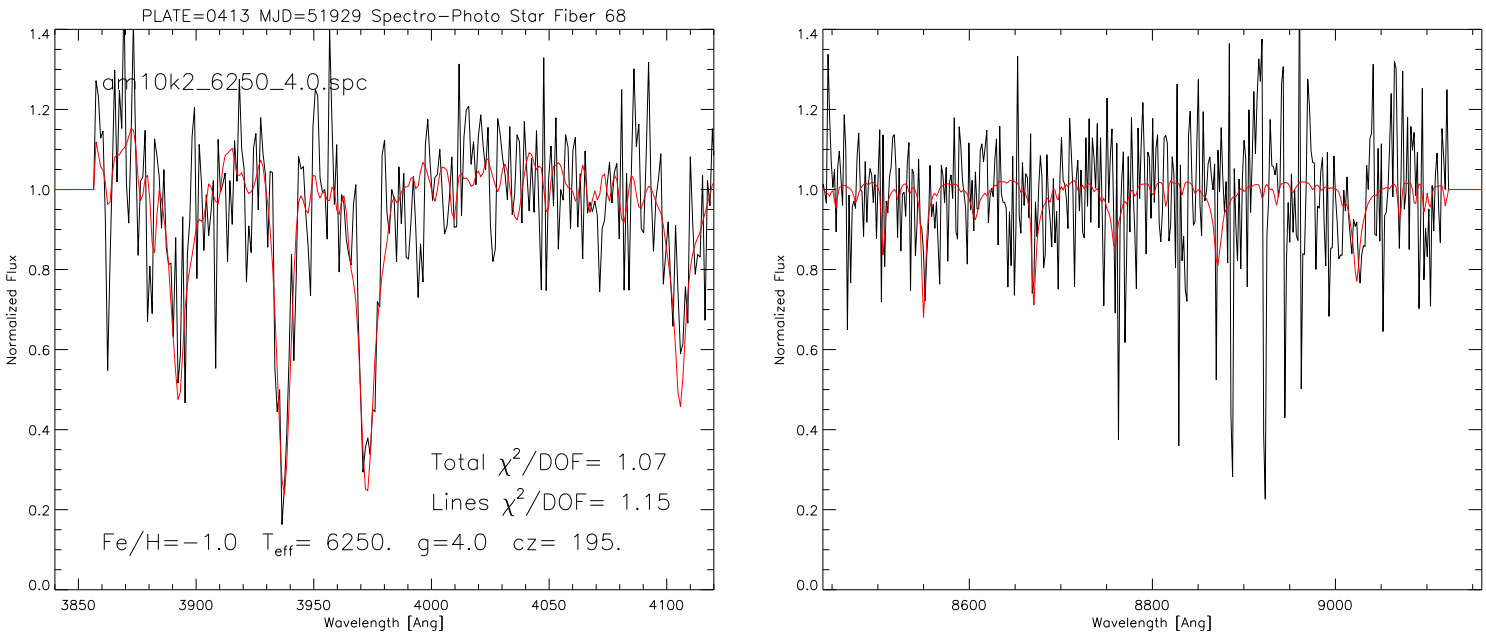
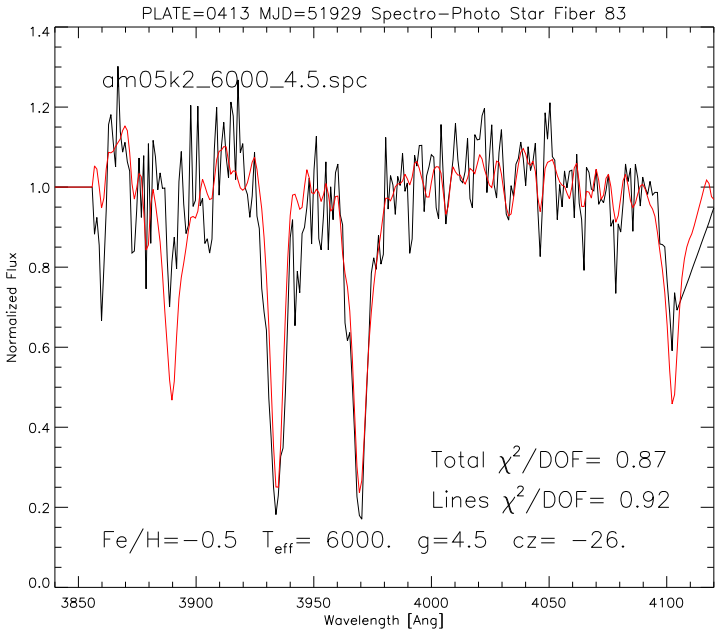
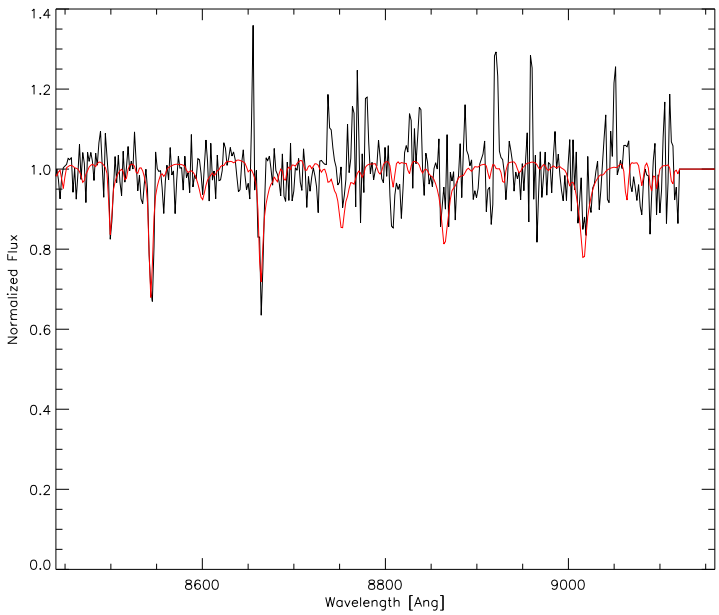
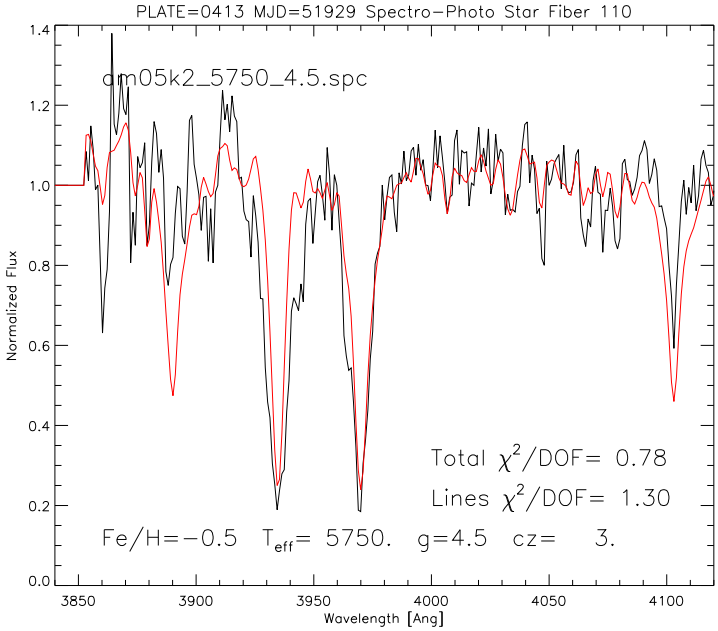

PLATE=0413 MJD=51929 Spectro-Photo Star Fiber 37
am05k2_5750_4.5.spc
Total χ^2/DOF= 1.04
Lines χ^2/DOF= 0.98
Fe/H=−0.5 T_{eff}= 5750. g=4.5 cz= −18.
Normalized Flux
Wavelength [Ang]

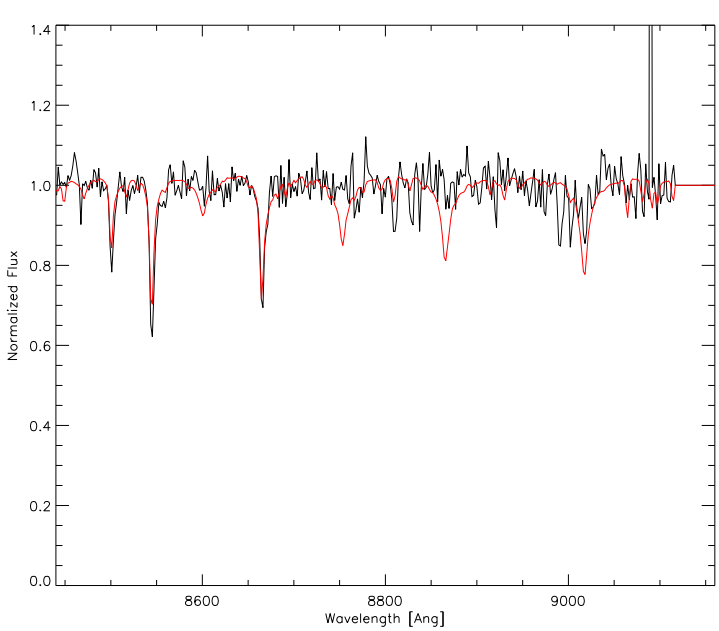

PLATE=0413 MJD=51929 Spectro-Photo Star Fiber 65
am05k2_6000_4.0.spc
Total χ^2/DOF= 0.90
Lines χ^2/DOF= 0.90
Fe/H=−0.5 T_{eff}= 6000. g=4.0 cz= 7.
Normalized Flux
Wavelength [Ang]

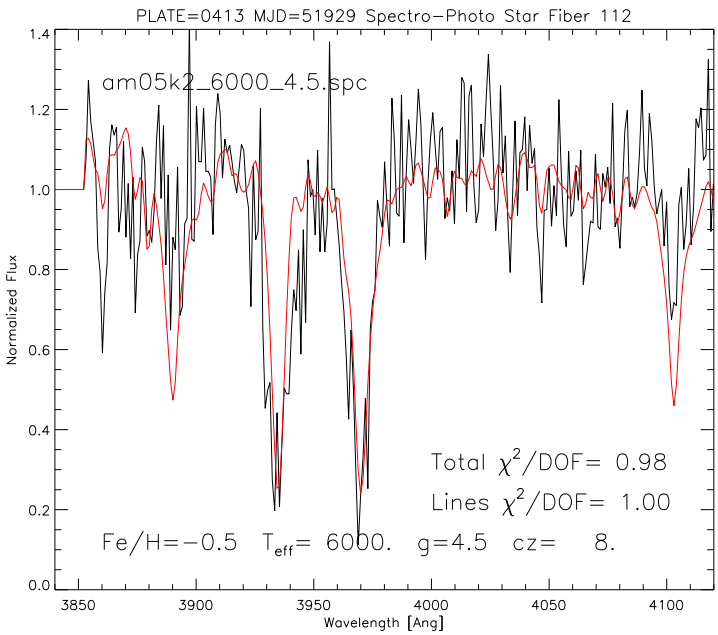

PLATE=0413 MJD=51929 Spectro-Photo Star Fiber 68
am10k2_6250_4.0.spc
Total χ^2/DOF= 1.07
Lines χ^2/DOF= 1.15
Fe/H=−1.0 T_{eff}= 6250. g=4.0 cz= 195.
Normalized Flux
Wavelength [Ang]

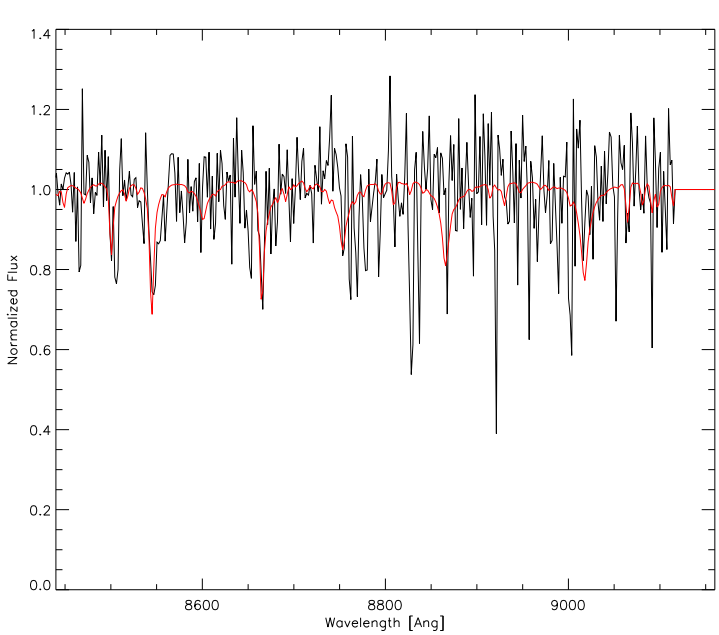

PLATE=0413 MJD=51929 Spectro-Photo Star Fiber 83
am05k2_6000_4.5.spc
Total χ^2/DOF= 0.87
Lines χ^2/DOF= 0.92
Fe/H=−0.5 T_{eff}= 6000. g=4.5 cz= −26.
Normalized Flux
Wavelength [Ang]

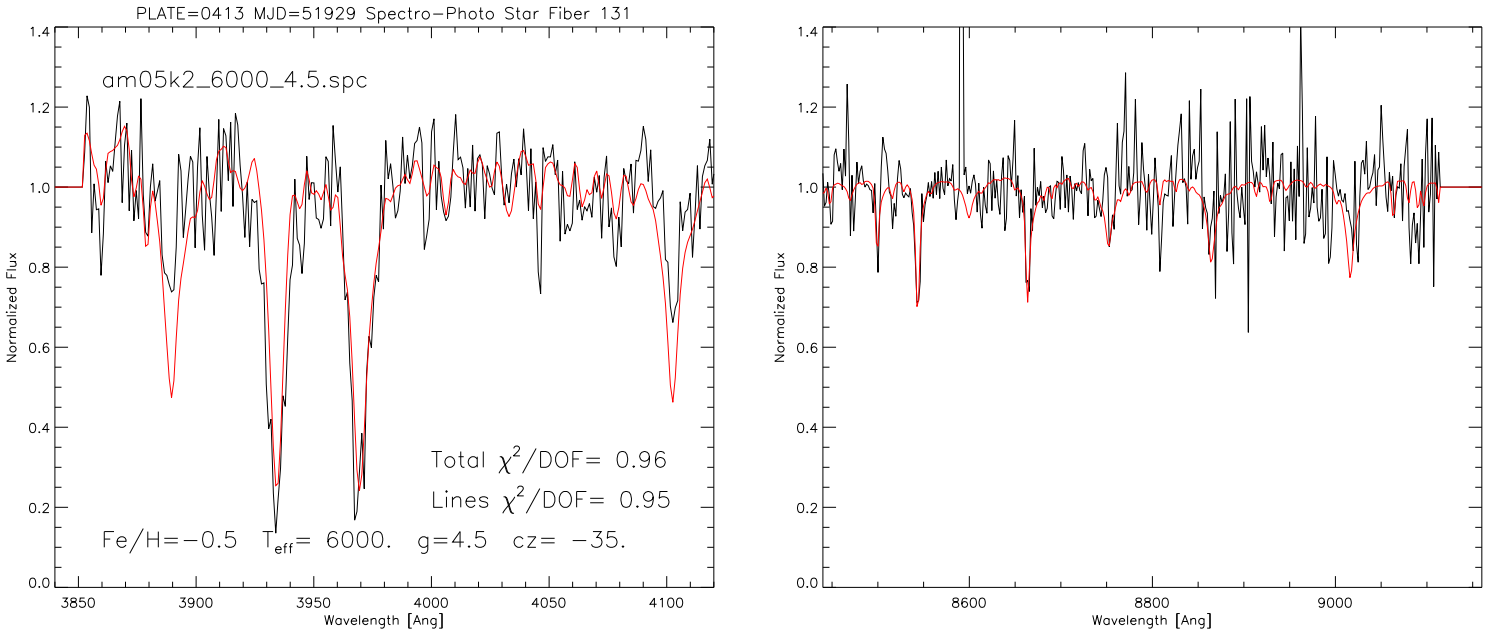

Normalized Flux
Wavelength [Ang]

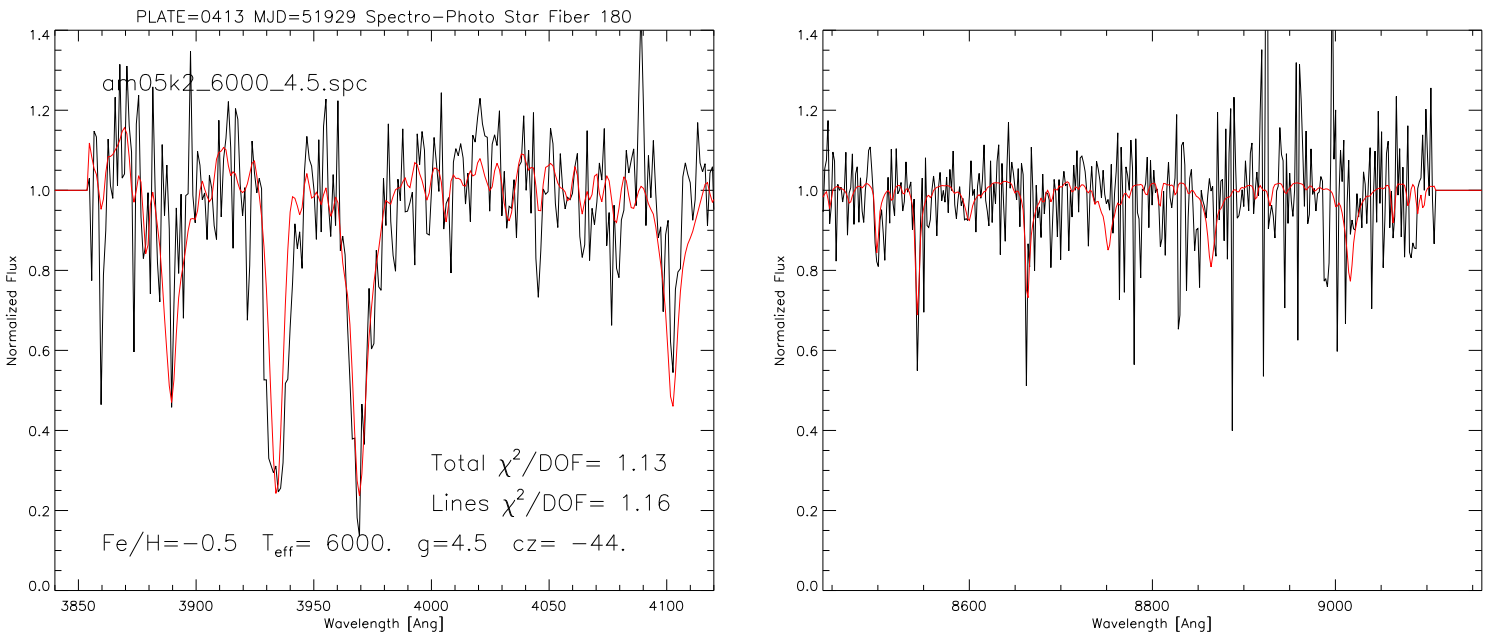

PLATE=0413 MJD=51929 Spectro-Photo Star Fiber 110
am05k2_5750_4.5.spc
Total χ^2/DOF= 0.78
Lines χ^2/DOF= 1.30
Fe/H=−0.5 T_{eff}= 5750. g=4.5 cz= 3.
Normalized Flux
Wavelength [Ang]

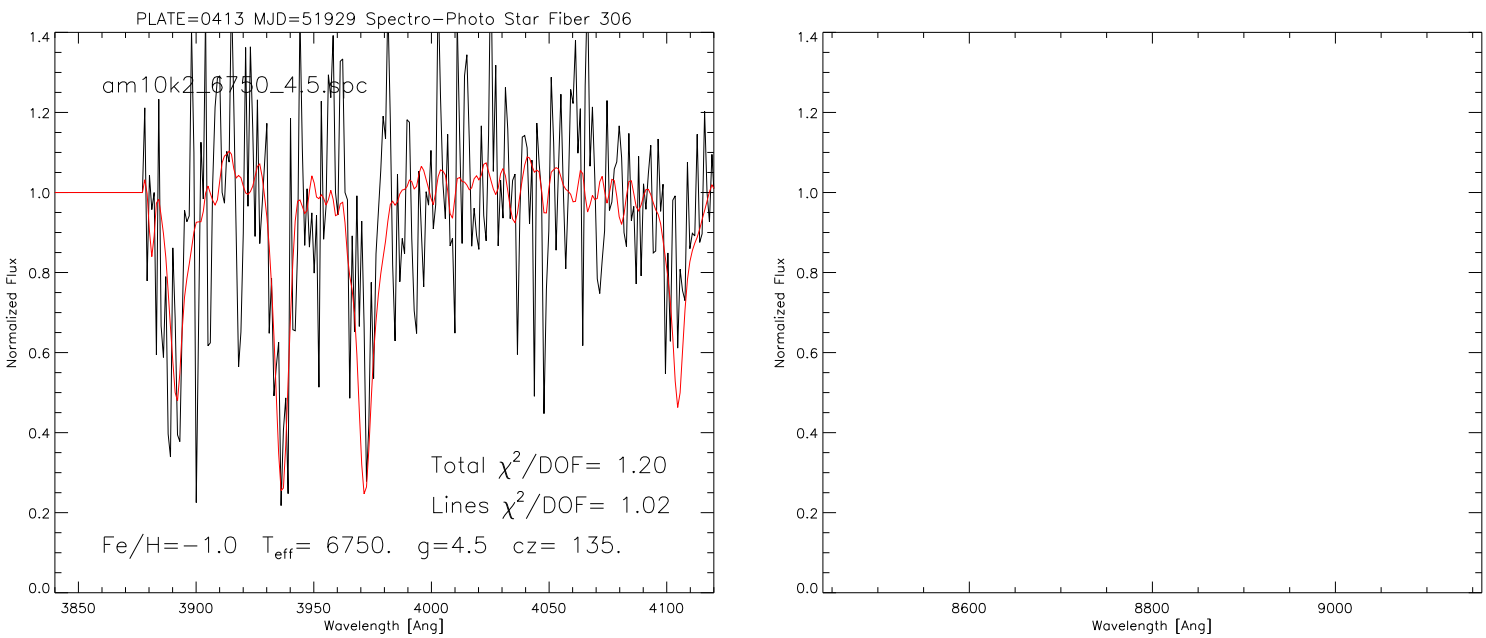

Normalized Flux
Wavelength [Ang]

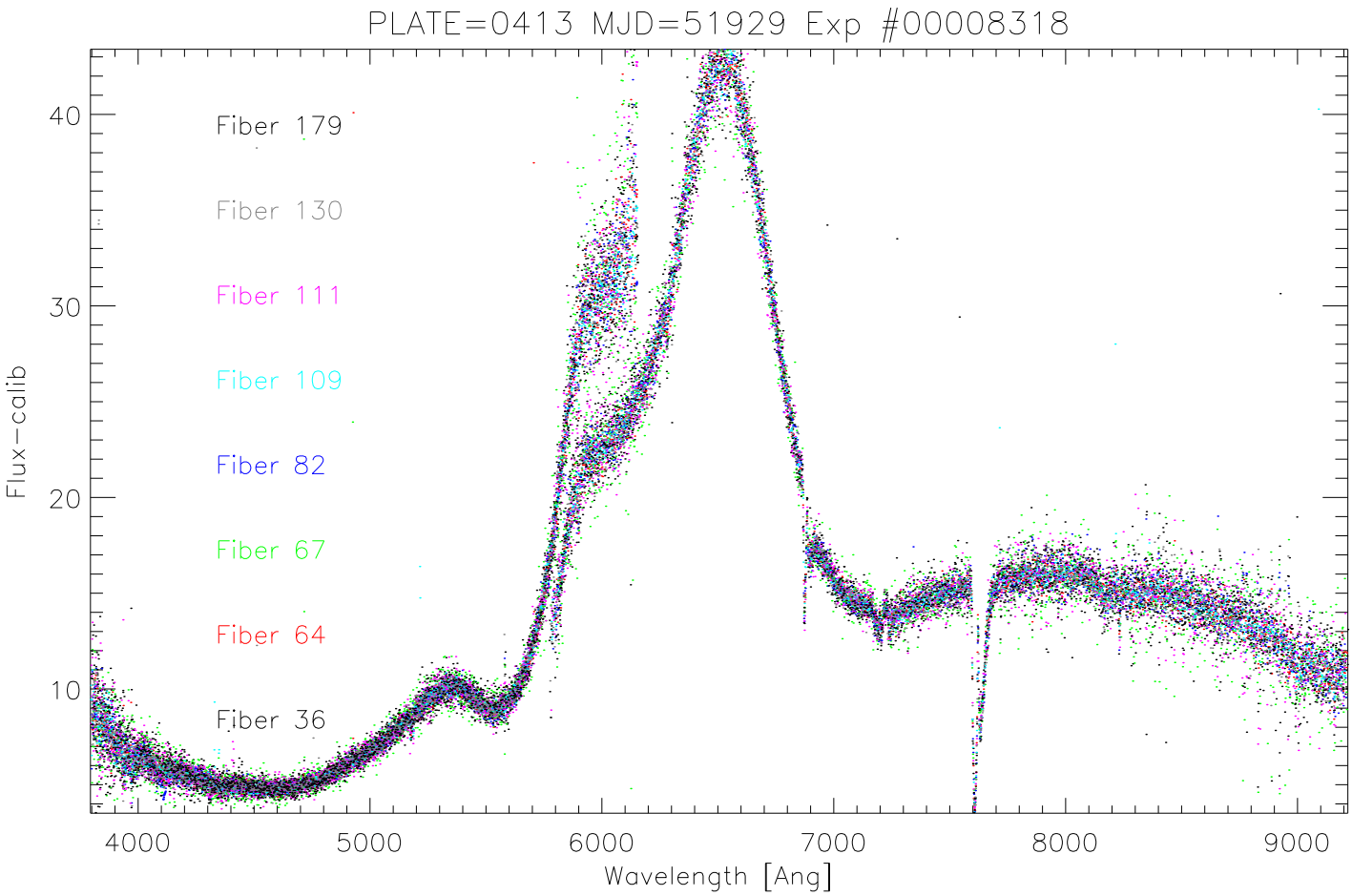

PLATE=0413 MJD=51929 Spectro-Photo Star Fiber 112
am05k2_6000_4.5.spc
Total χ^2/DOF= 0.98
Lines χ^2/DOF= 1.00
Fe/H=−0.5 T_{eff}= 6000. g=4.5 cz= 8.
Normalized Flux
Wavelength [Ang]

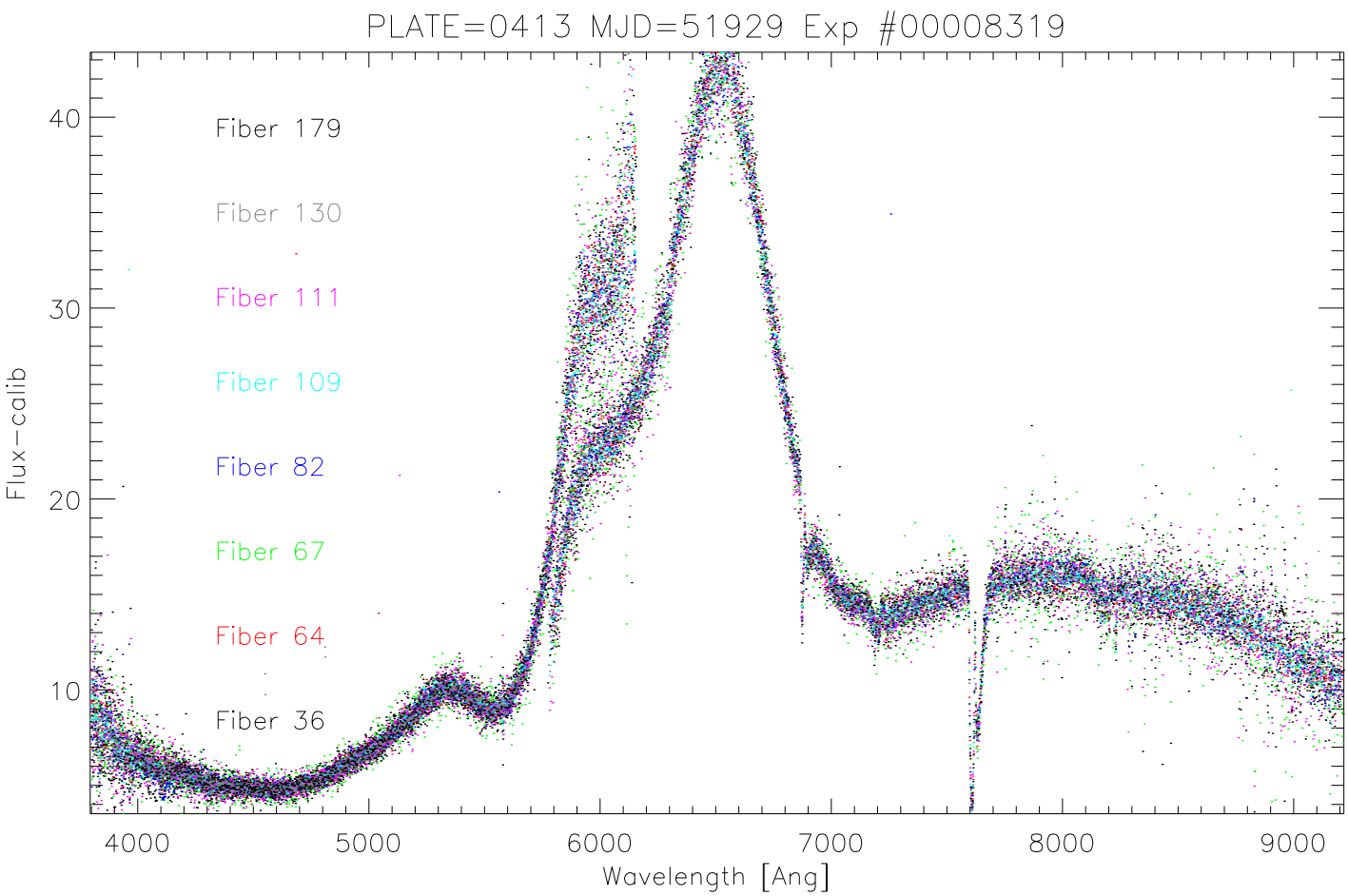

Normalized Flux
Wavelength [Ang]


PLATE=0413 MJD=51929 Spectro-Photo Star Fiber 131
am05k2_6000_4.5.spc
Total χ^2/DOF= 0.96
Lines χ^2/DOF= 0.95
Fe/H=−0.5 T_{eff}= 6000. g=4.5 cz= −35.
Normalized Flux
Wavelength [Ang]


PLATE=0413 MJD=51929 Spectro-Photo Star Fiber 180
am05k2_6000_4.5.spc
Total χ^2/DOF= 1.13
Lines χ^2/DOF= 1.16
Fe/H=−0.5 T_{eff}= 6000. g=4.5 cz= −44.
Normalized Flux
Wavelength [Ang]


PLATE=0413 MJD=51929 Spectro-Photo Star Fiber 306
am10k2_6750_4.5.spc
Total χ^2/DOF= 1.20
Lines χ^2/DOF= 1.02
Fe/H=−1.0 T_{eff}= 6750. g=4.5 cz= 135.
Normalized Flux
Wavelength [Ang]


PLATE=0413 MJD=51929 Exp #00008318
Fiber 179
Fiber 130
Fiber 111
Fiber 109
Fiber 82
Fiber 67
Fiber 64
Fiber 36
Flux−calib
10
20
30
40
4000
5000
6000
7000
8000
9000
Wavelength [Ang]


PLATE=0413 MJD=51929 Exp #00008319
Fiber 179
Fiber 130
Fiber 111
Fiber 109
Fiber 82
Fiber 67
Fiber 64
Fiber 36
Flux−calib
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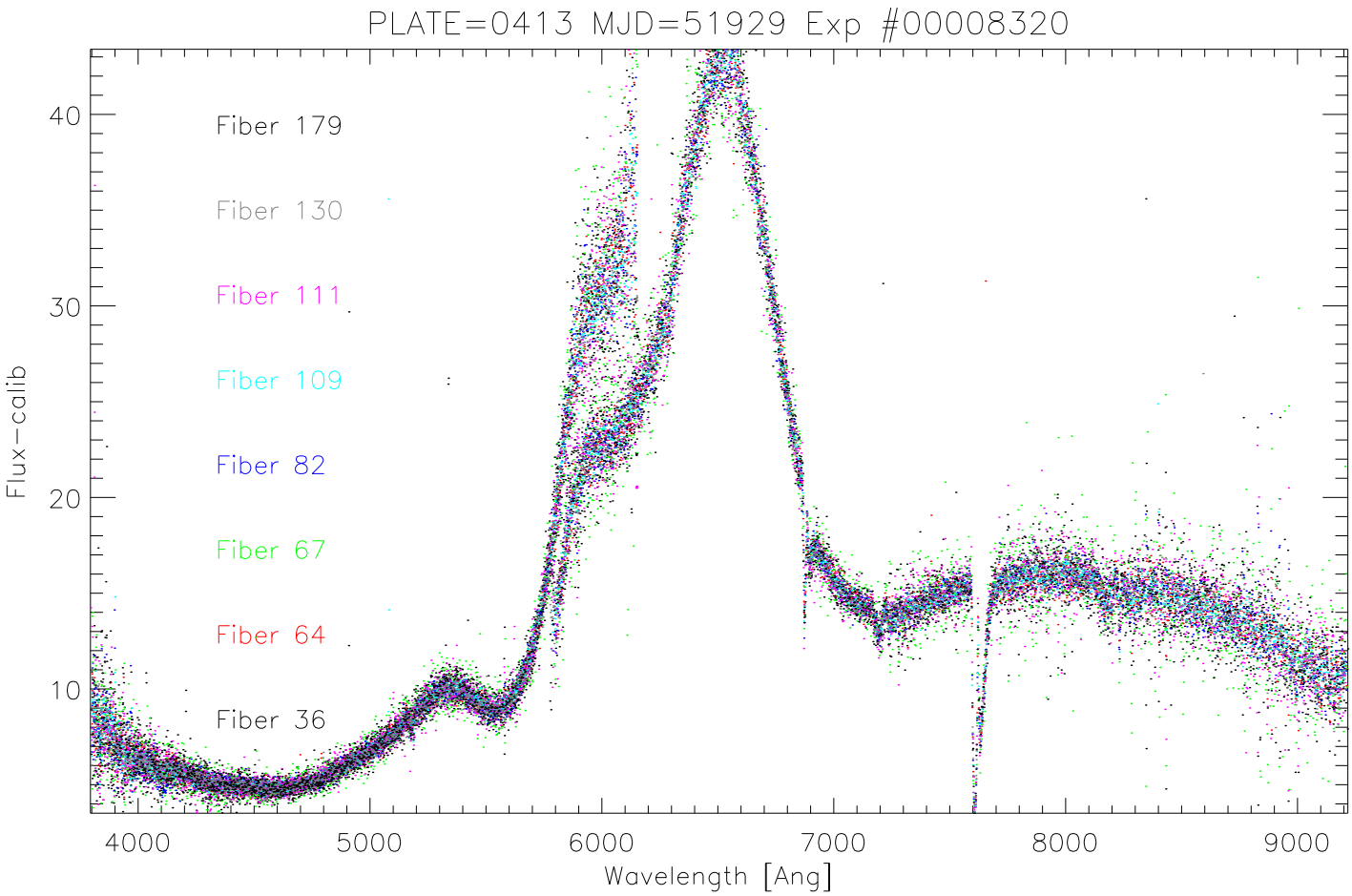
5000
6000
7000
8000
9000
Wavelength [Ang]


PLATE=0413 MJD=51929 Exp #00008320
Fiber 179
Fiber 130
Fiber 111
Fiber 109
Fiber 82
Fiber 67
Fiber 64
Fiber 36
Flux−calib
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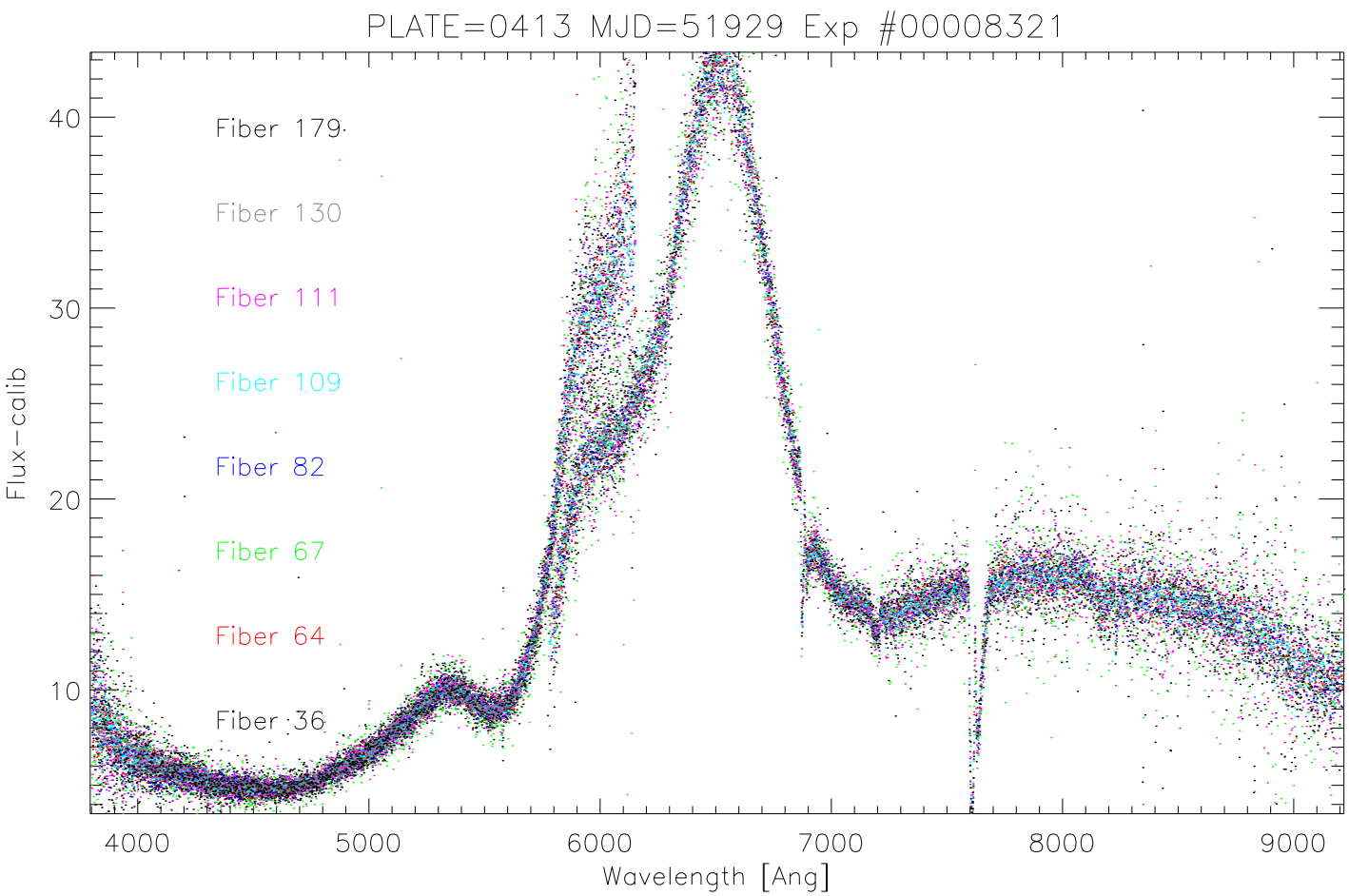
5000
6000
7000
8000
9000
Wavelength [Ang]


PLATE=0413 MJD=51929 Exp #00008321
Fiber 179
Fiber 130
Fiber 111
Fiber 109
Fiber 82
Fiber 67
Fiber 64
Fiber 36
Flux−calib
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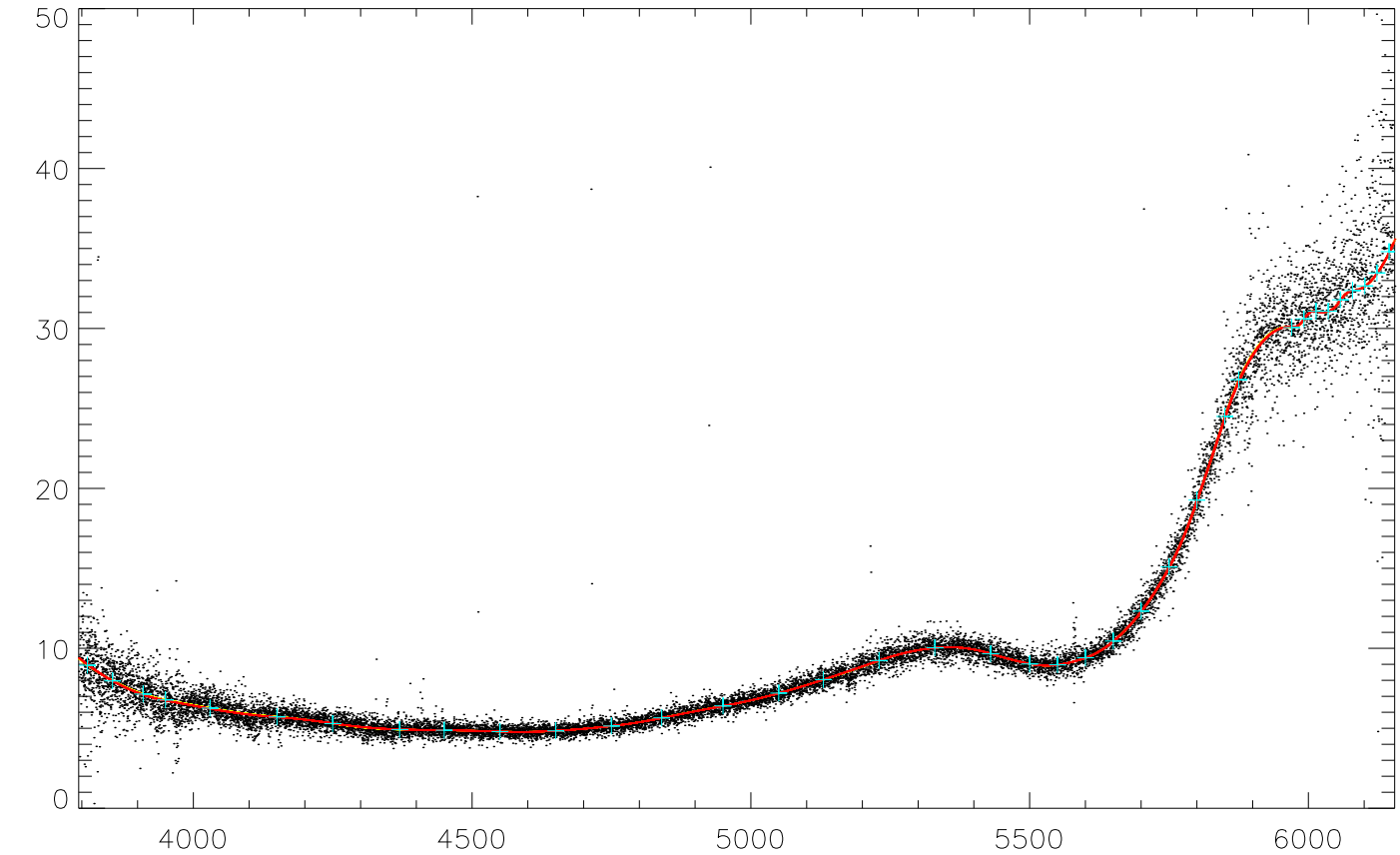
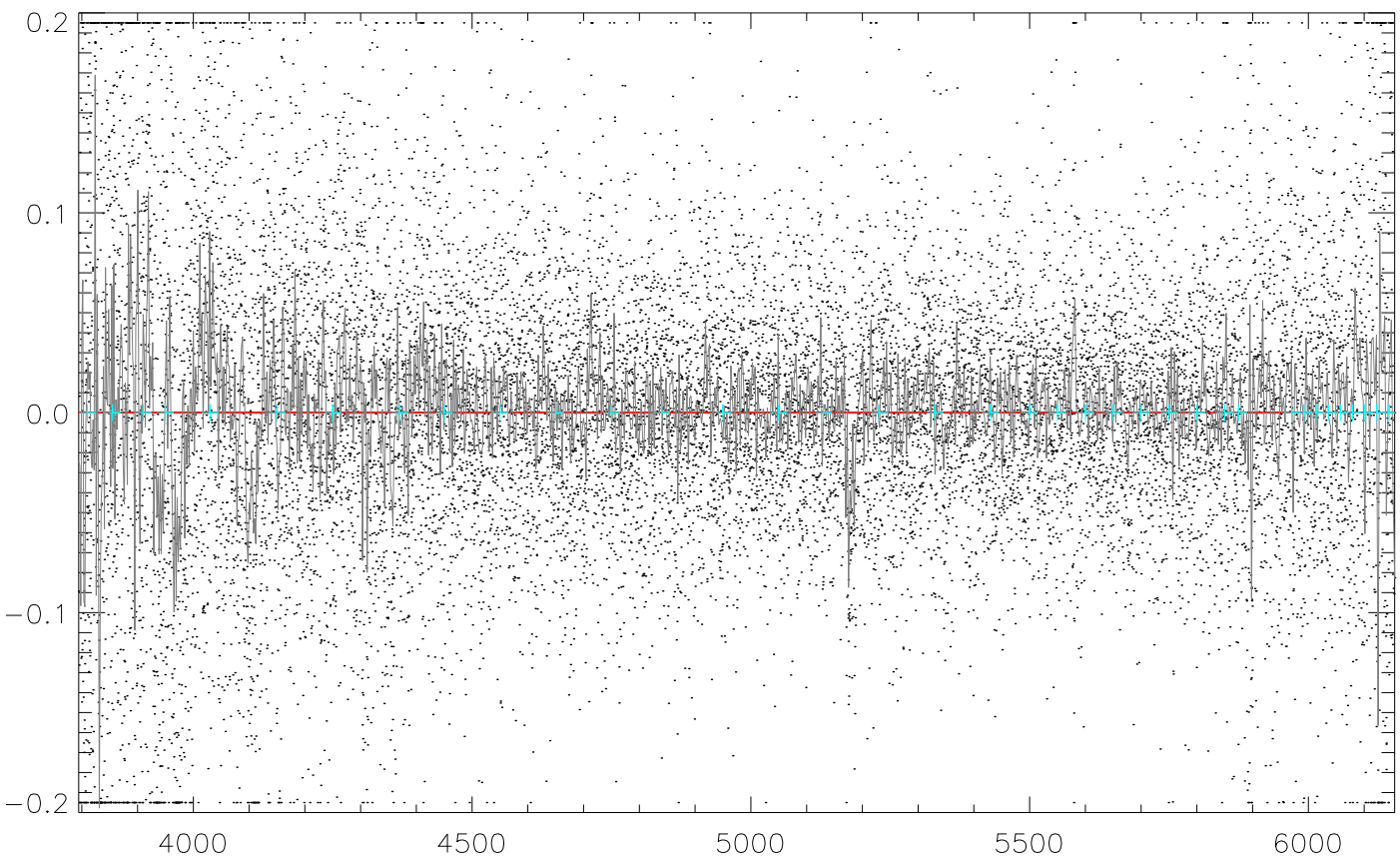
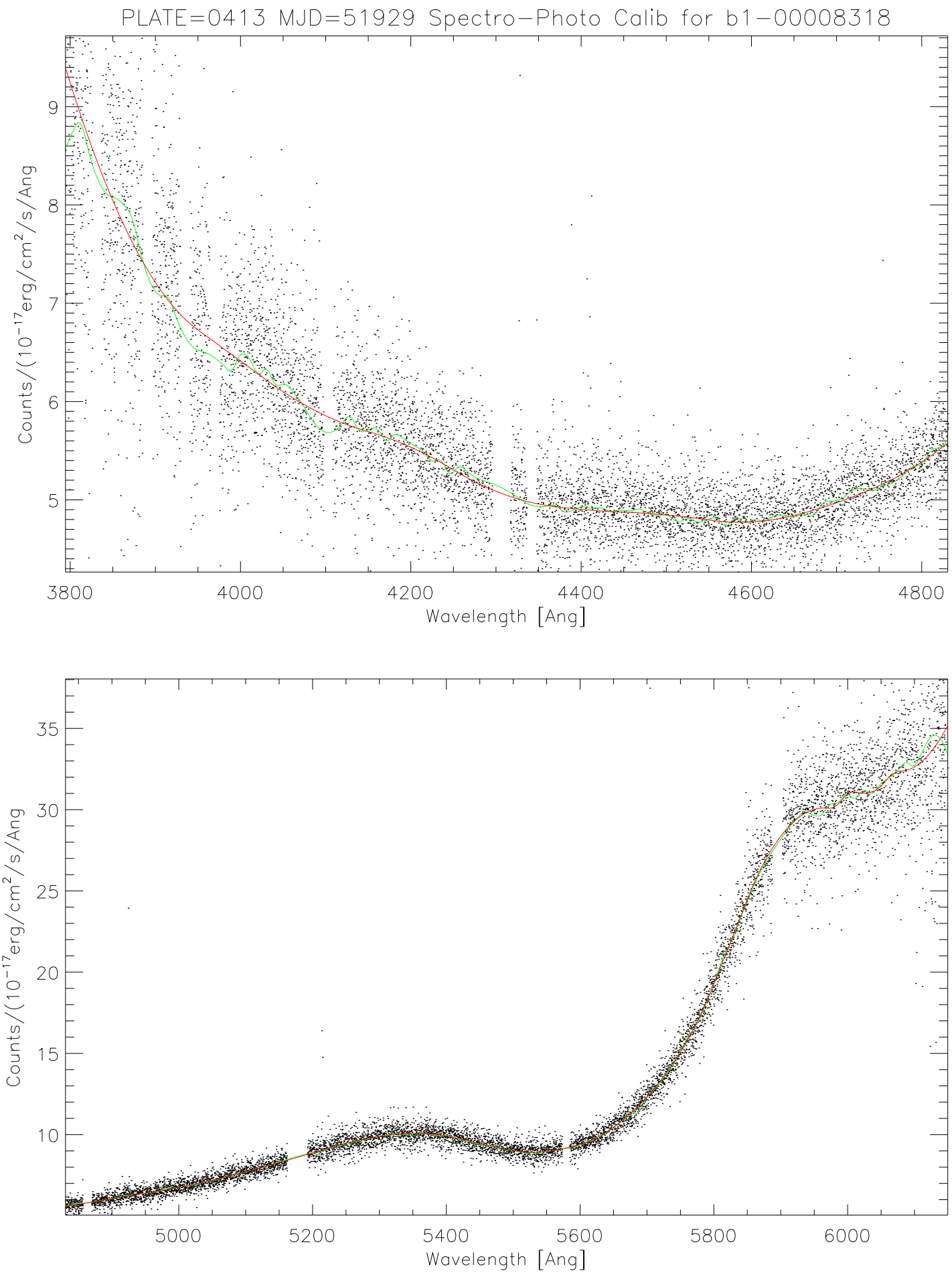
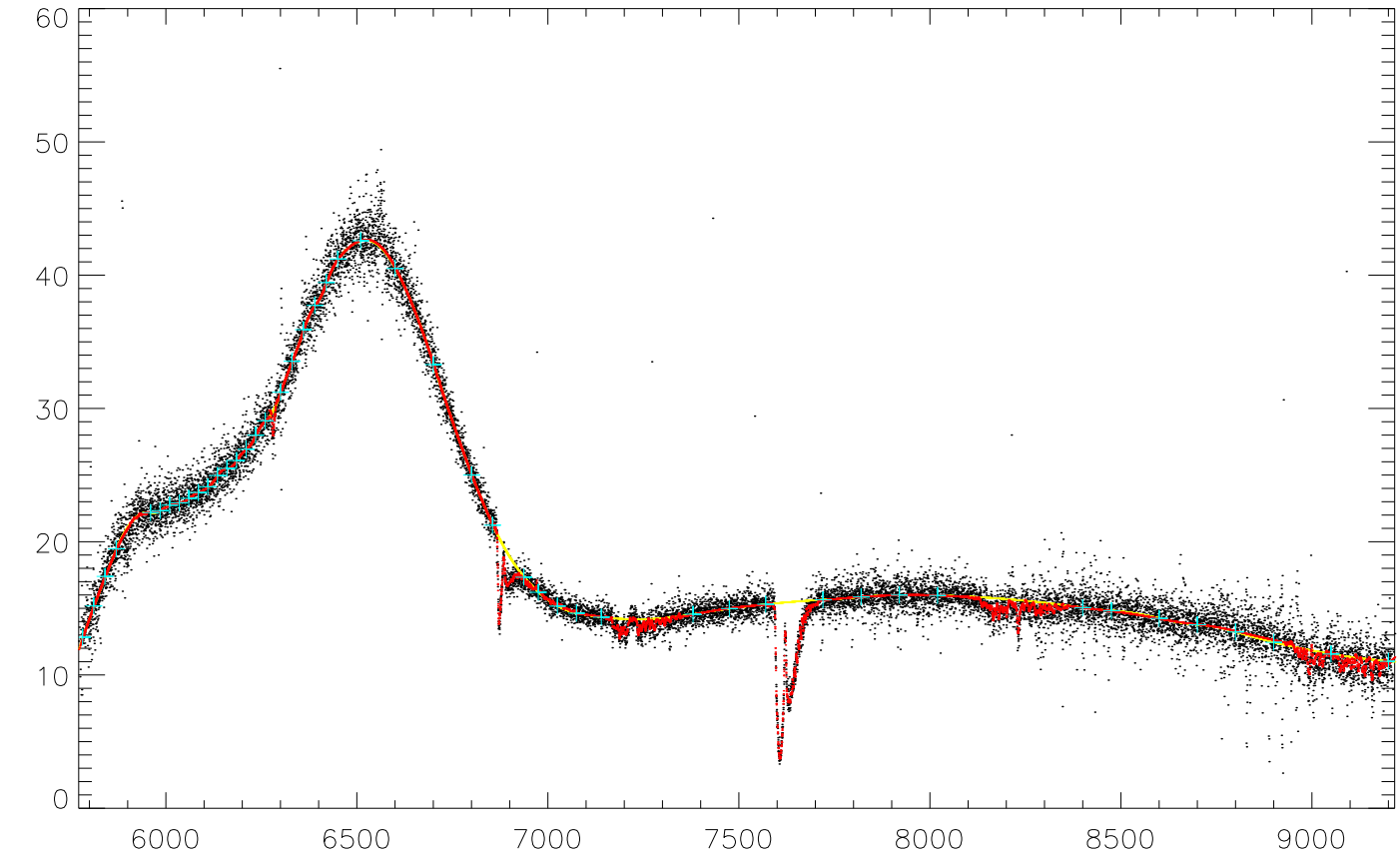
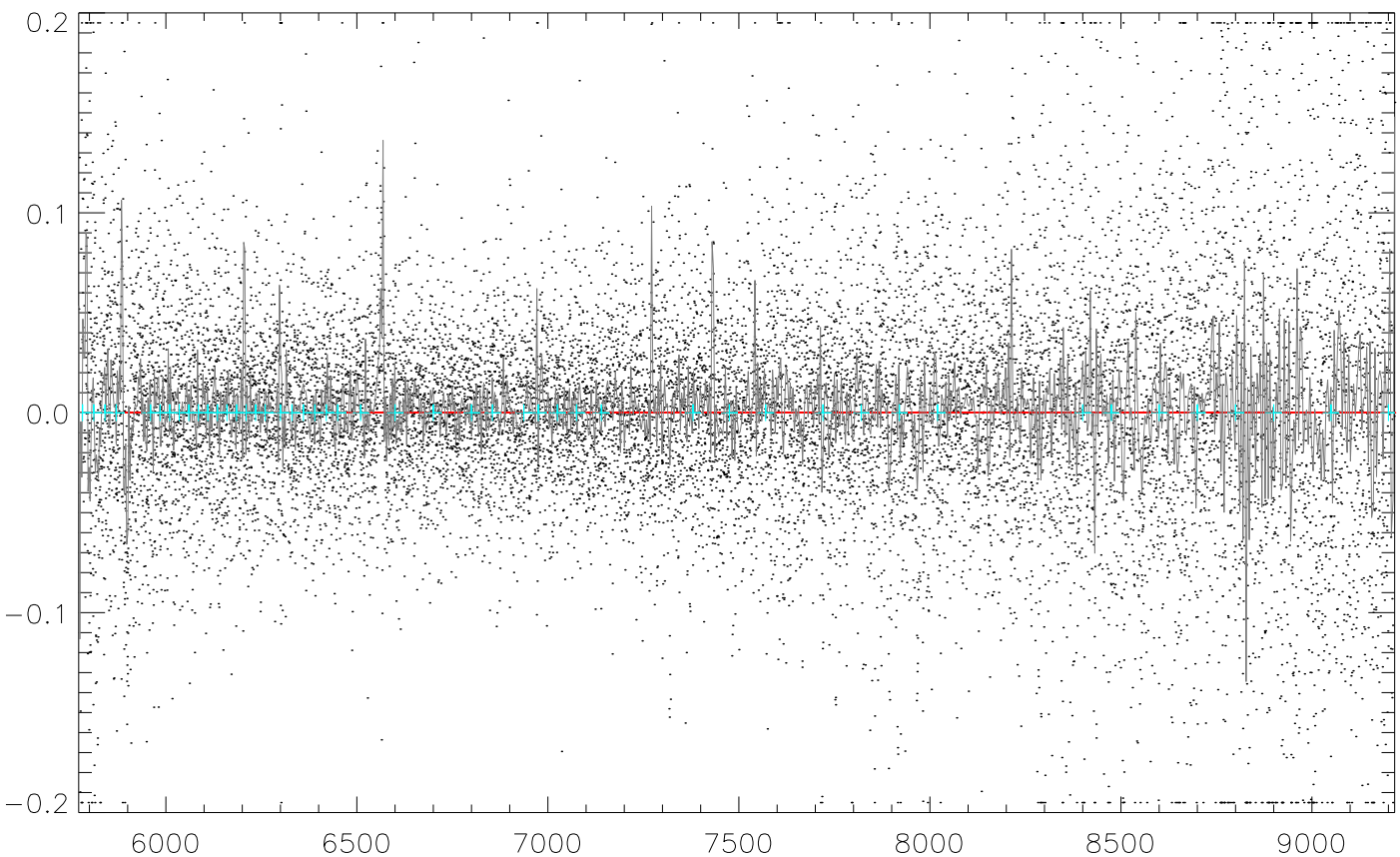
6000
7000
8000
9000
Wavelength [Ang]

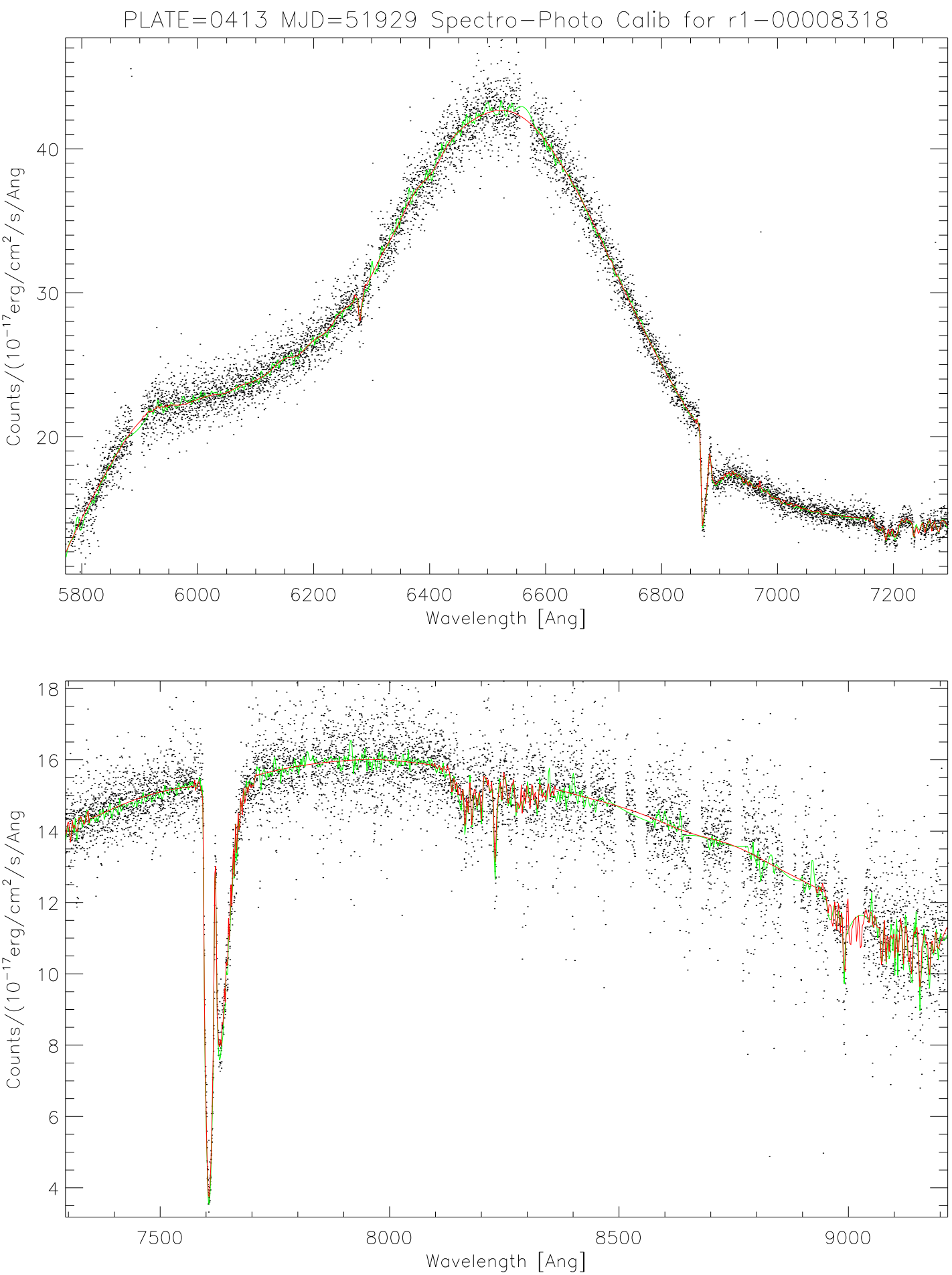

50
40
30
20
10
0
4000
4500
5000
5500
6000


0.2
0.1
0.0
−0.1
−0.2
4000
4500
5000
5500
6000


PLATE=0413 MJD=51929 Spectro−Photo Calib for b1−00008318
Counts/(10^-17 erg/cm^2/s/Ang
9
8
7
6
5
3800
4000
4200
4400
4600
4800
Wavelength [Ang]
Counts/(10^-17 erg/cm^2/s/Ang
35
30
25
20
15
10
5000
5200
5400
5600
5800
6000
Wavelength [Ang]


60
50
40
30
20
10
0
6000
6500
7000
7500
8000
8500
9000


0.2
0.1
0.0
−0.1
−0.2
6000
6500
7000
7500
8000
8500
9000


PLATE=0413 MJD=51929 Spectro−Photo Calib for r1−00008318
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
5800
6000
6200
6400
6600
6800
7000
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30
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8000
8500
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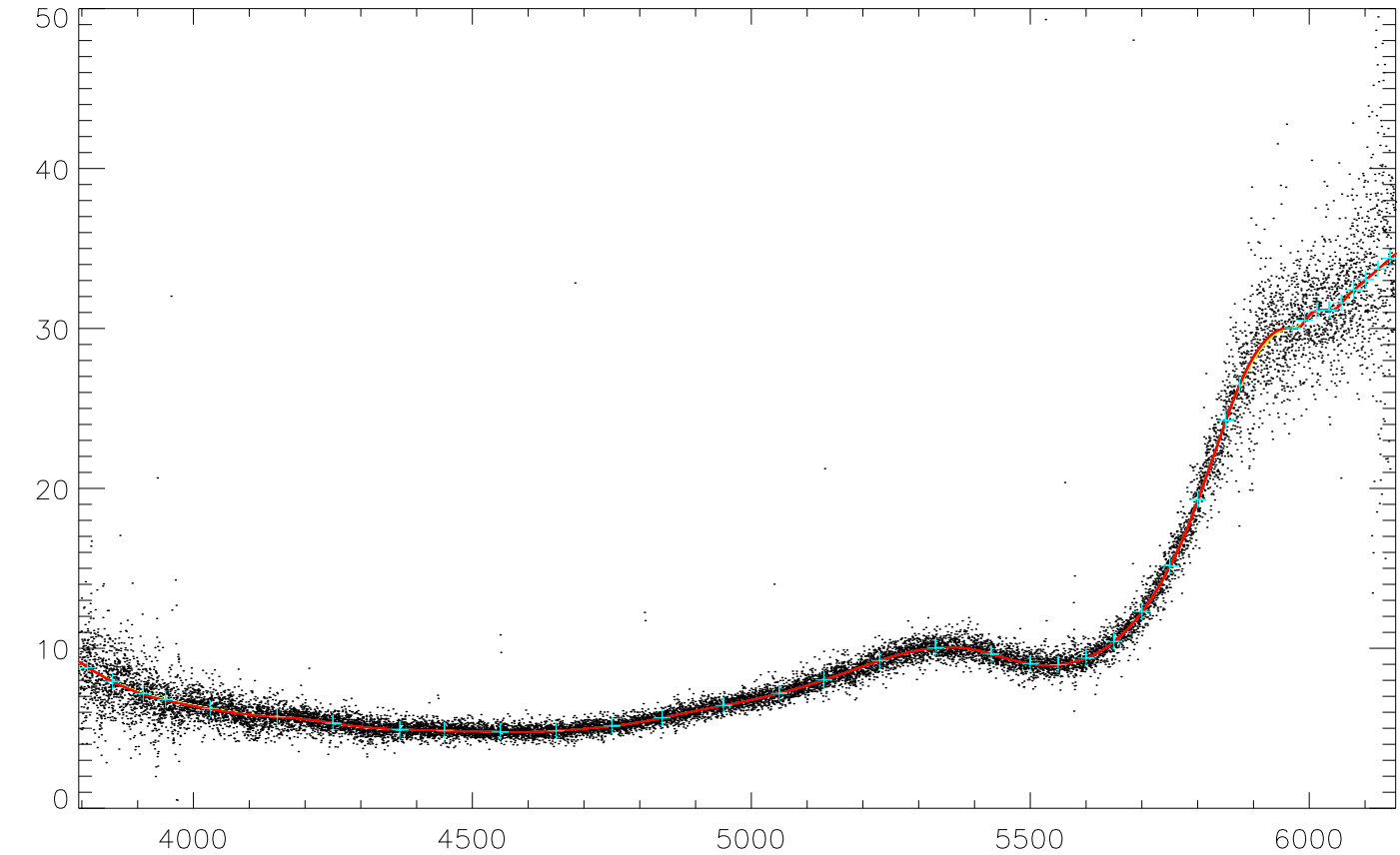
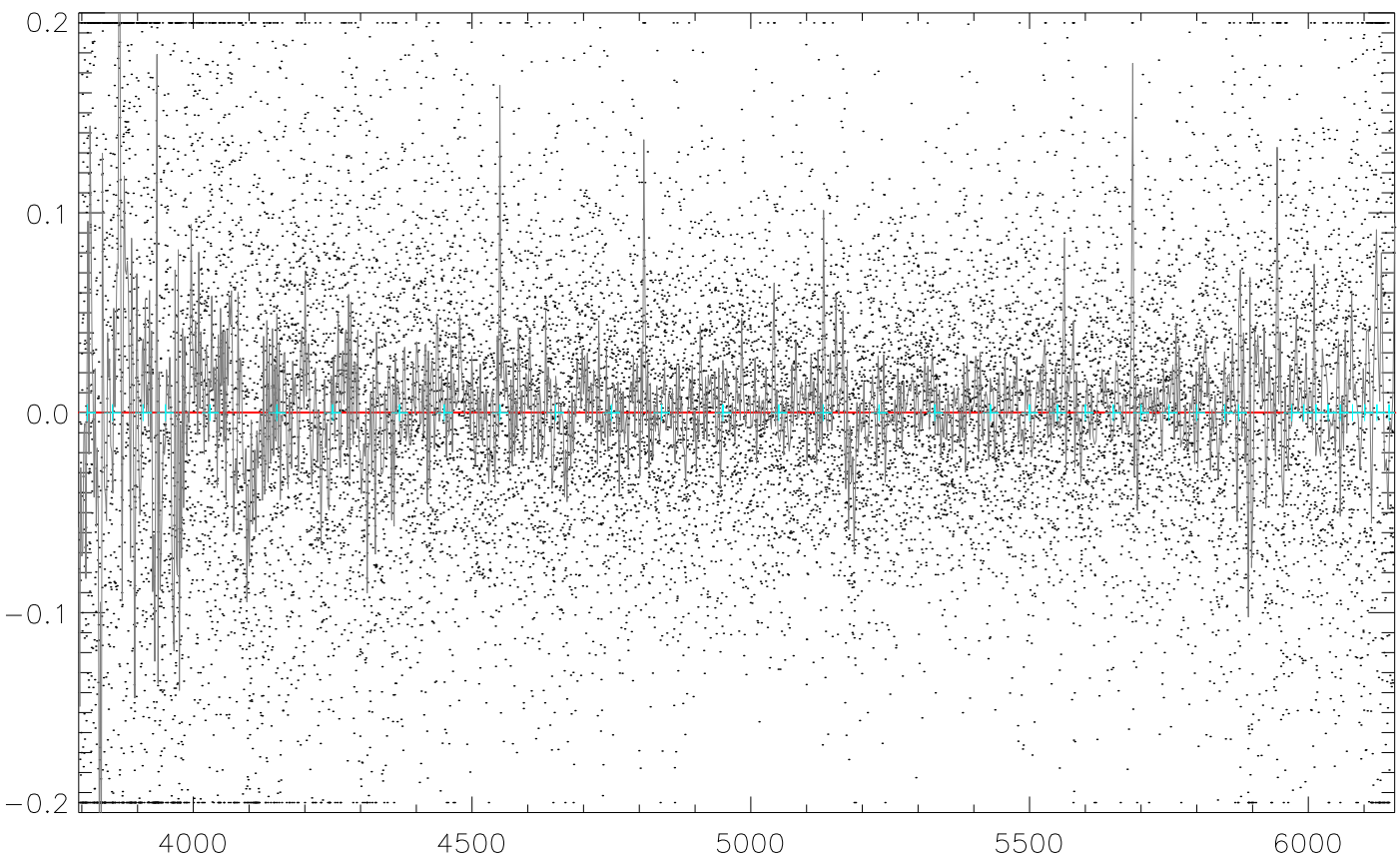
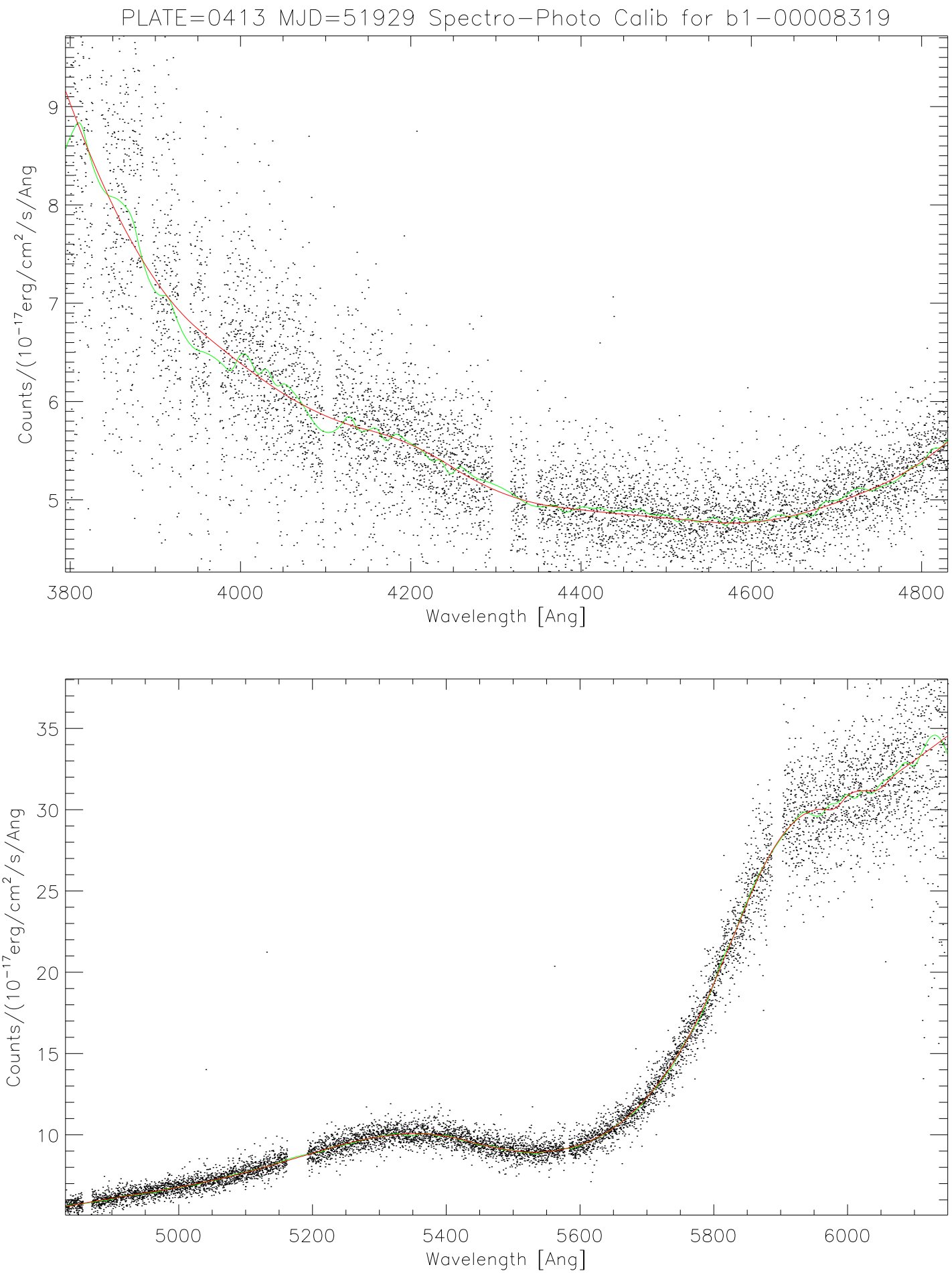
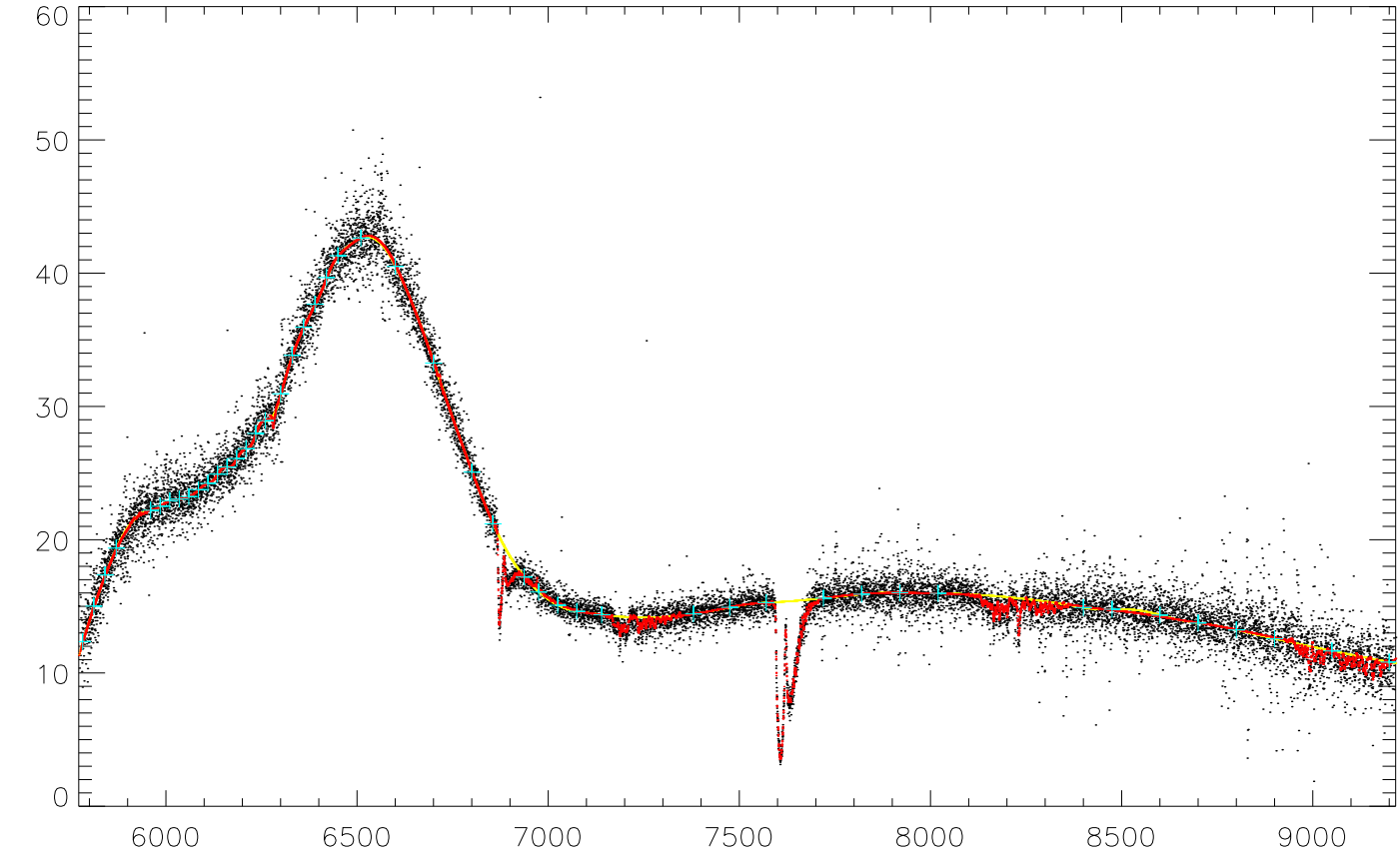
8
10
12
14
16
18


50
40
30
20
10
0
4000
4500
5000
5500
6000


0.2
0.1
0.0
−0.1
−0.2
4000
4500
5000
5500
6000


PLATE=0413 MJD=51929 Spectro−Photo Calib for b1−00008319
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
3800
4000
4200
4400
4600
4800
5
6
7
8
9
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
5000
5200
5400
5600
5800
6000
10
15
20
25
30
35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50
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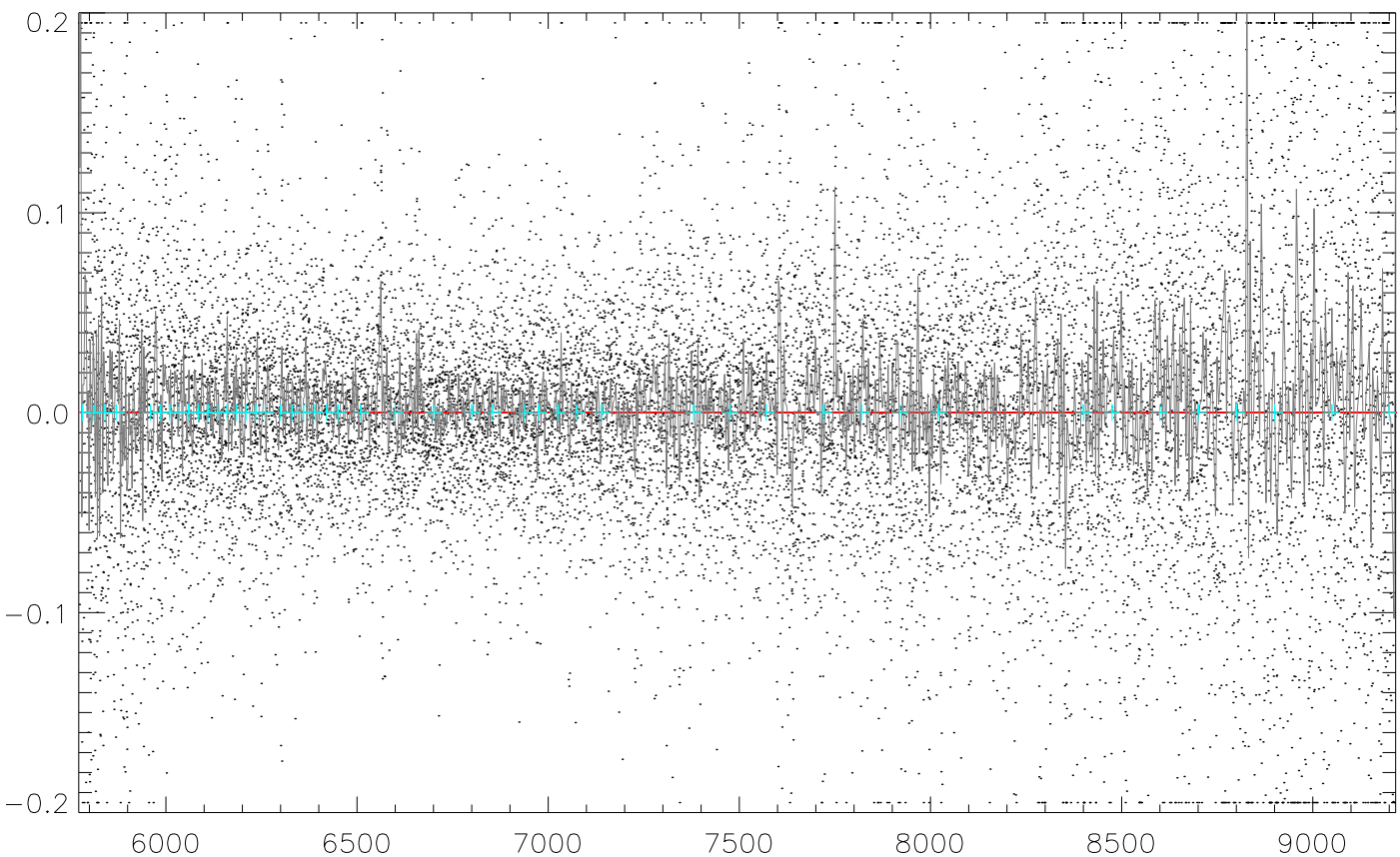
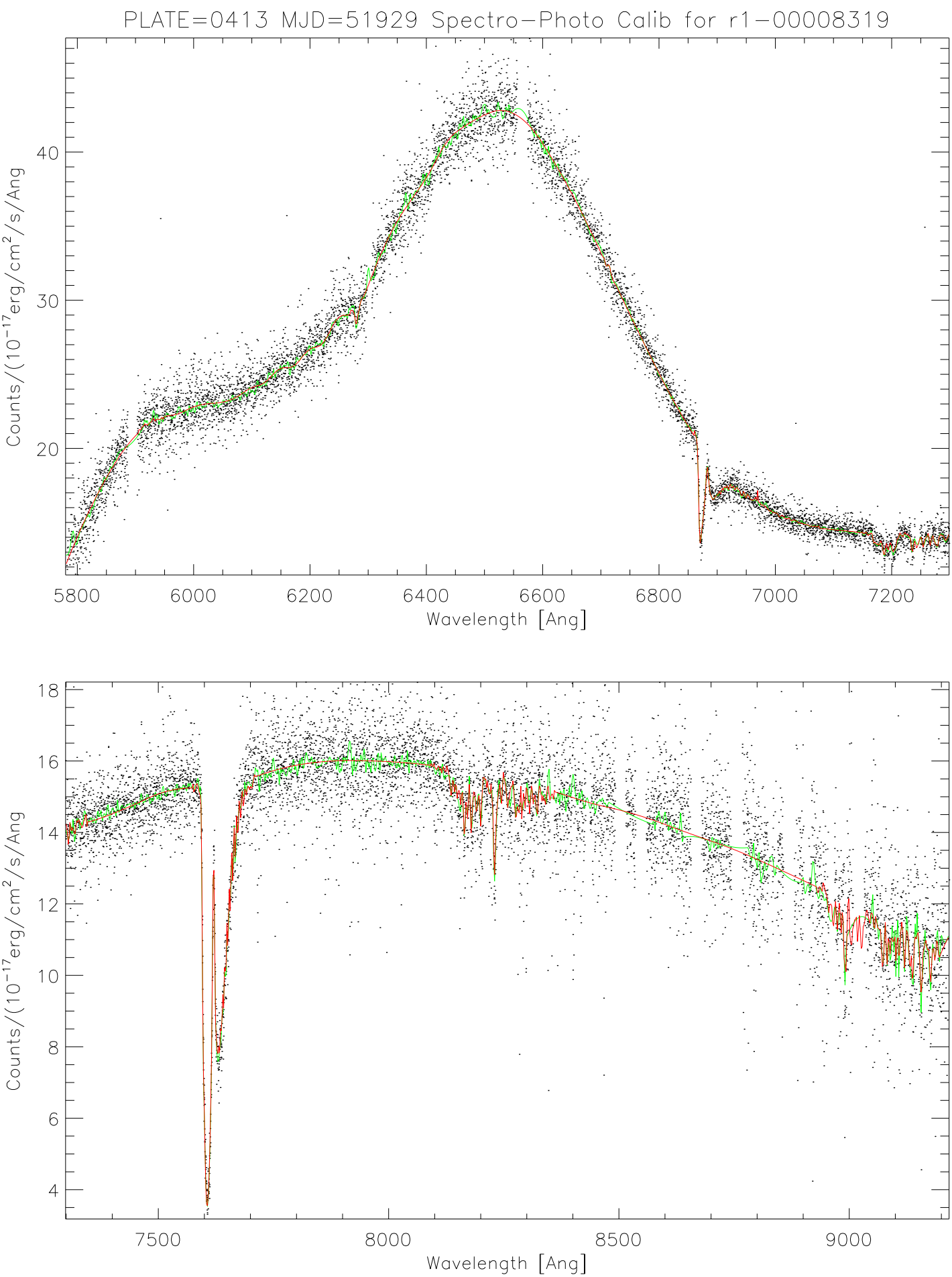
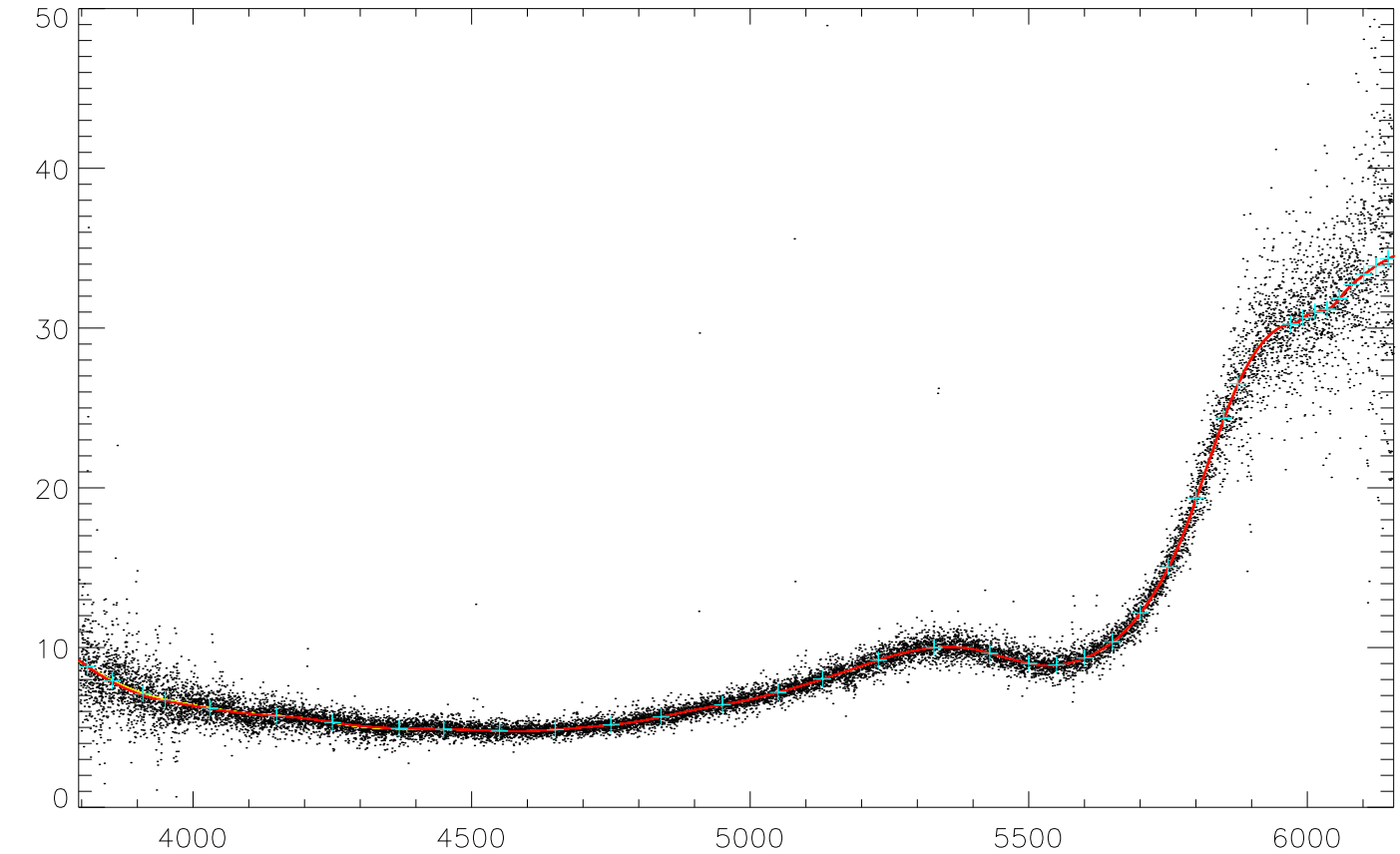
30
20
10
0
6000
6500
7000
7500
8000
8500
9000


0.2
0.1
0.0
−0.1
−0.2
6000
6500
7000
7500
8000
8500
9000


PLATE=0413 MJD=51929 Spectro−Photo Calib for r1−00008319
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
5800
6000
6200
6400
6600
6800
7000
7200
20
30
40
4
6
8
10
12
14
16
18
7500
8000
8500
9000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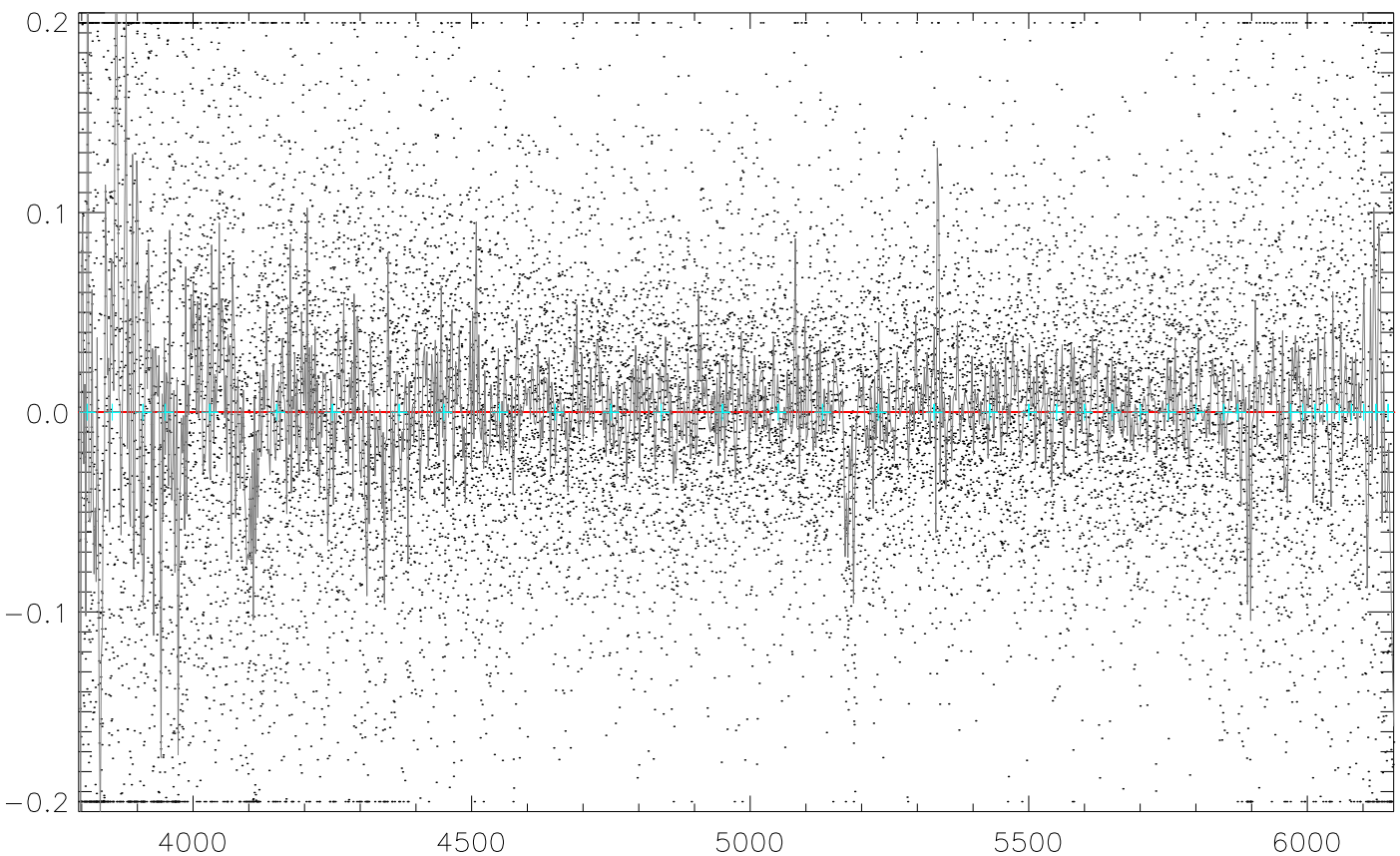
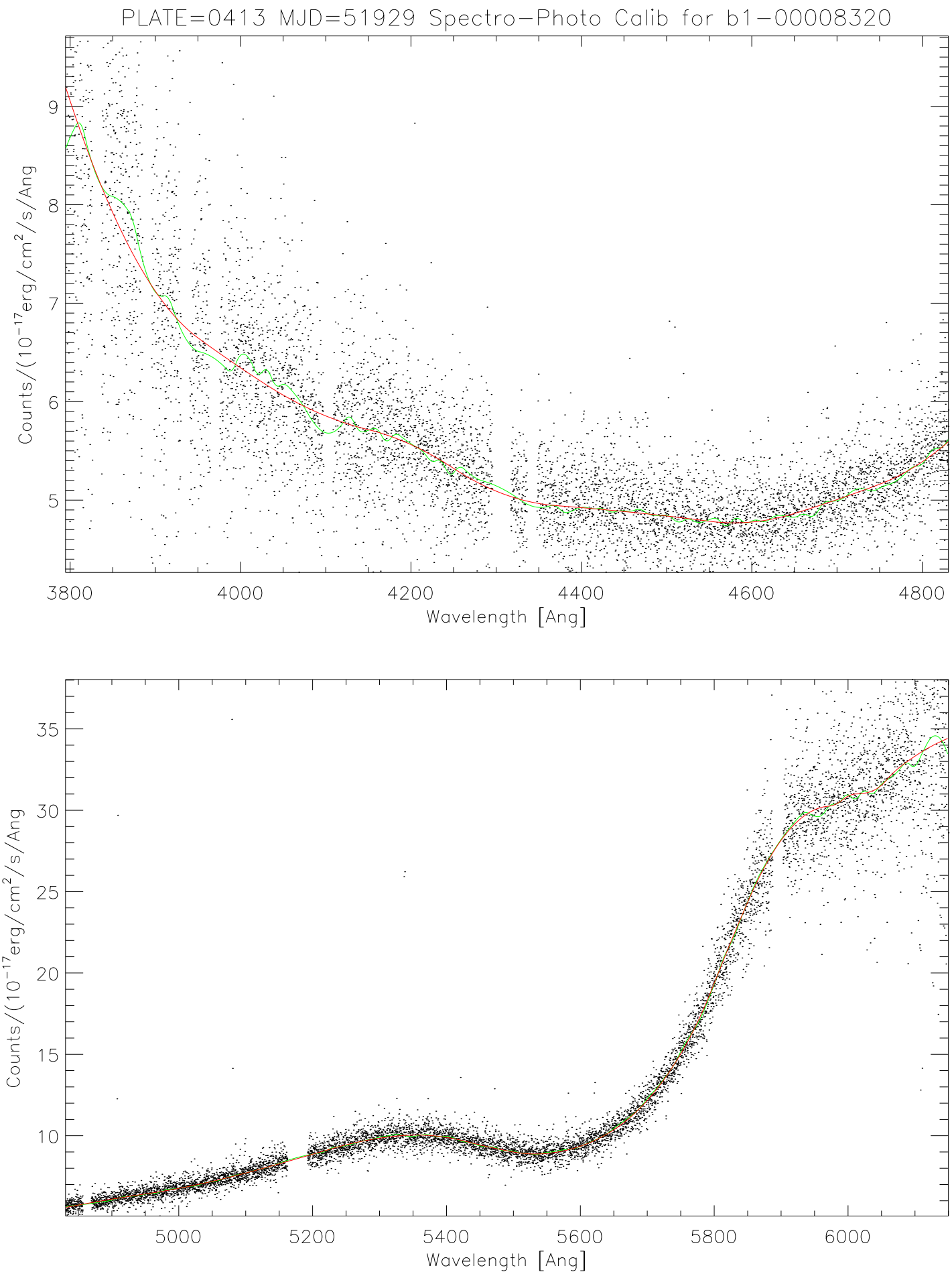
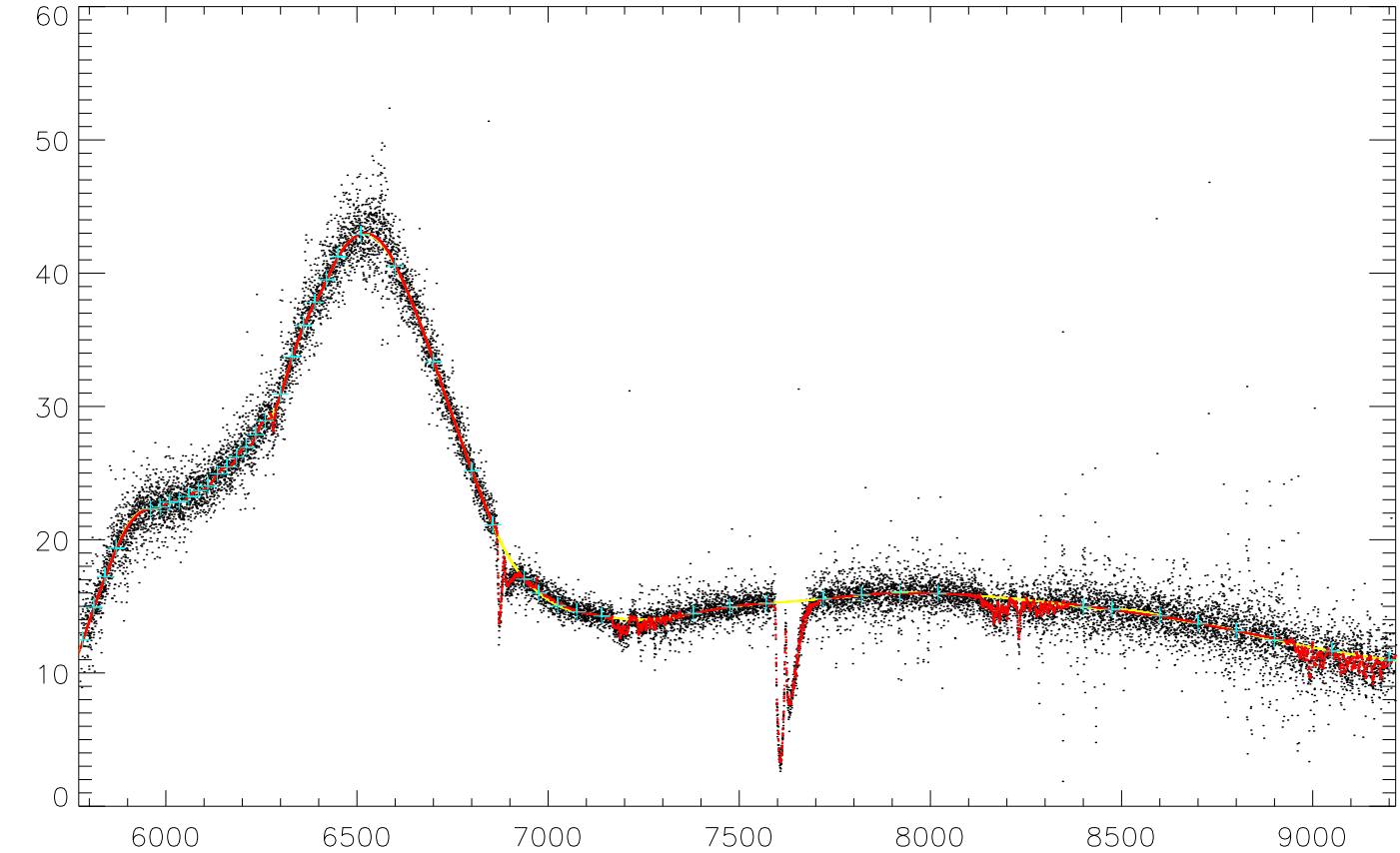
40
30
20
10
0
4000
4500
5000
5500
6000


0.2
0.1
0.0
−0.1
−0.2
4000
4500
5000
5500
6000


PLATE=0413 MJD=51929 Spectro−Photo Calib for b1−00008320
Counts/(10^-17 erg/cm^2/s/Ang
9
8
7
6
5
3800
4000
4200
4400
4600
4800
Wavelength [Ang]
Counts/(10^-17 erg/cm^2/s/Ang
35
30
25
20
15
10
5000
5200
5400
5600
5800
6000
Wavelength [Ang]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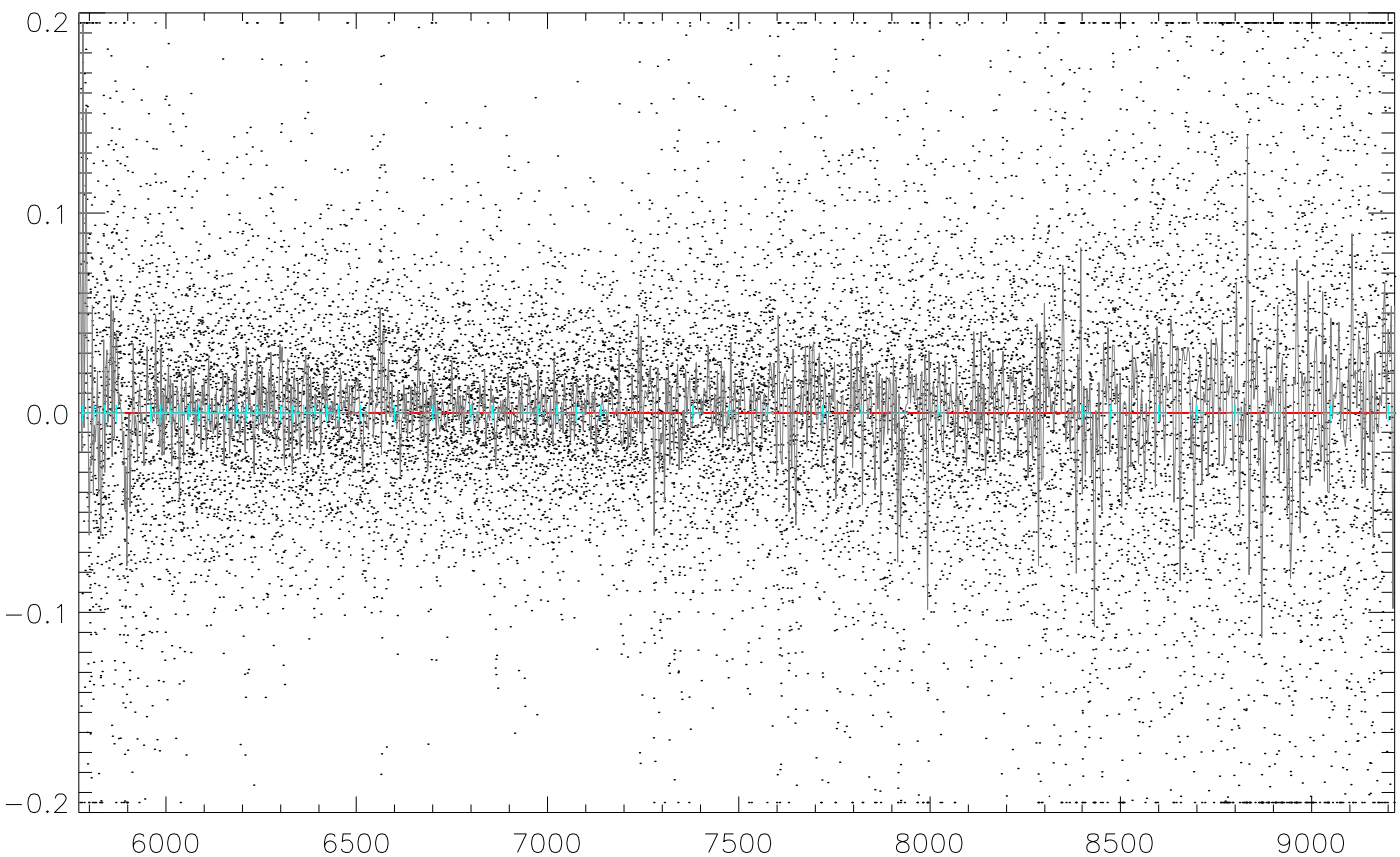
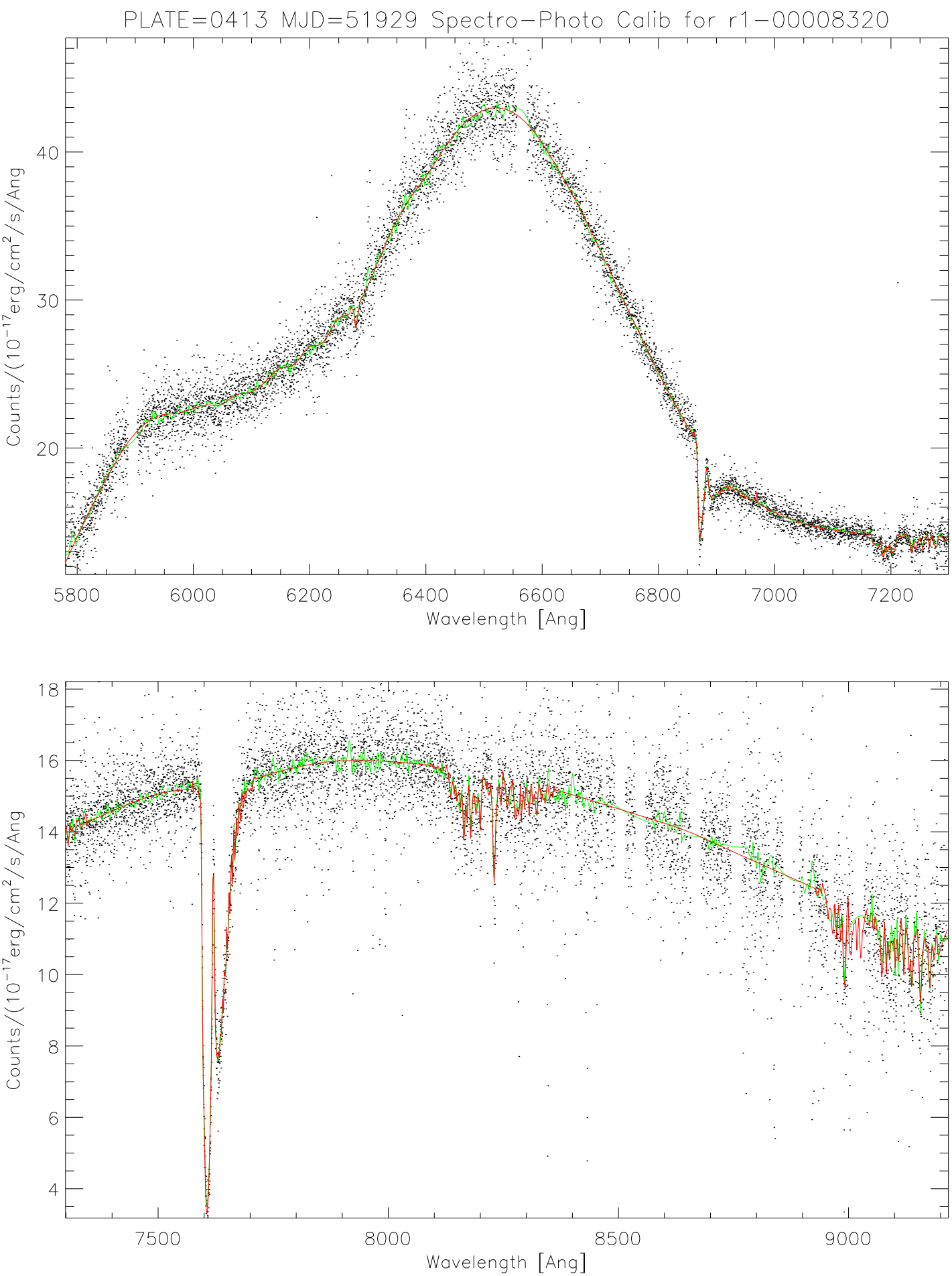
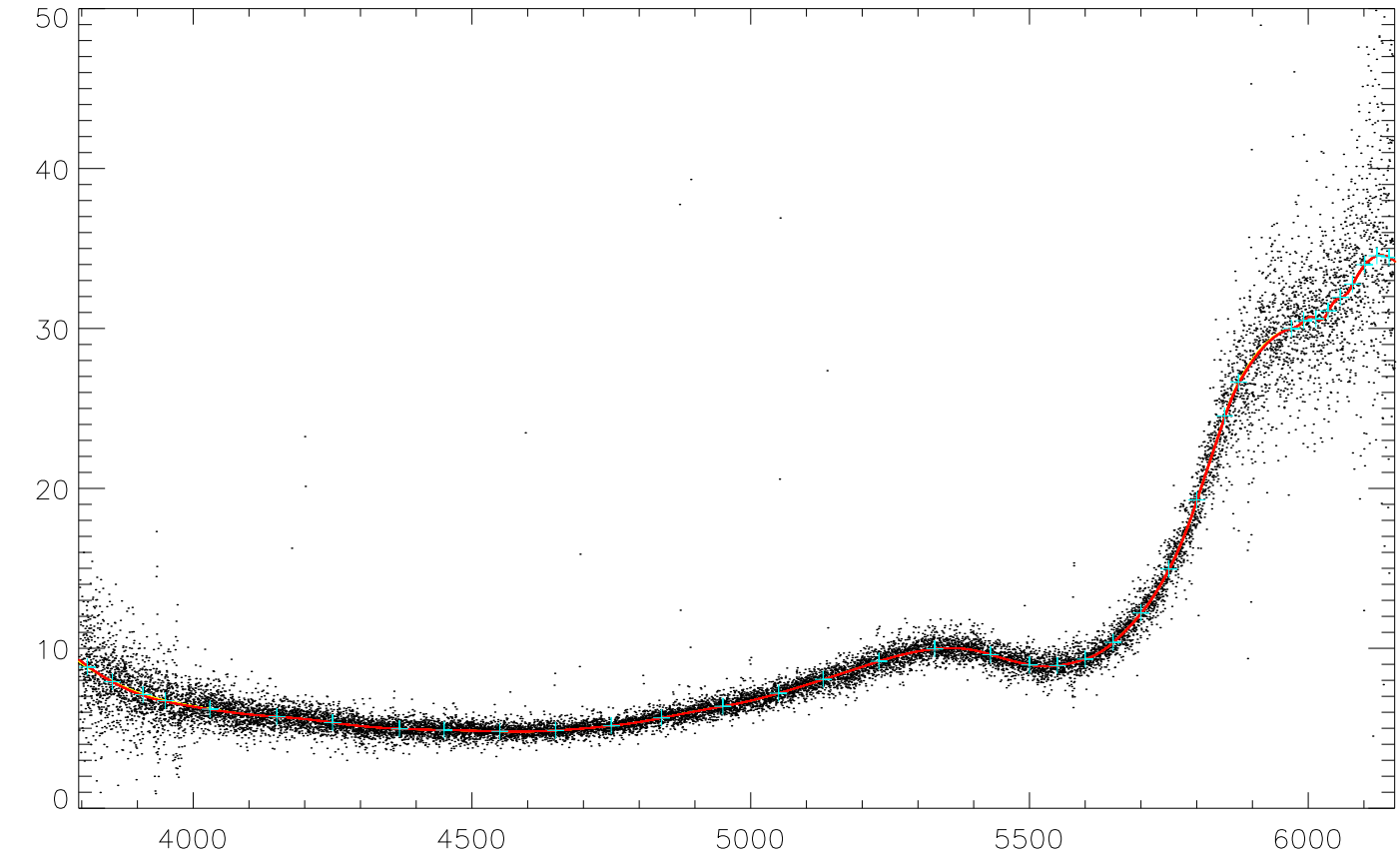
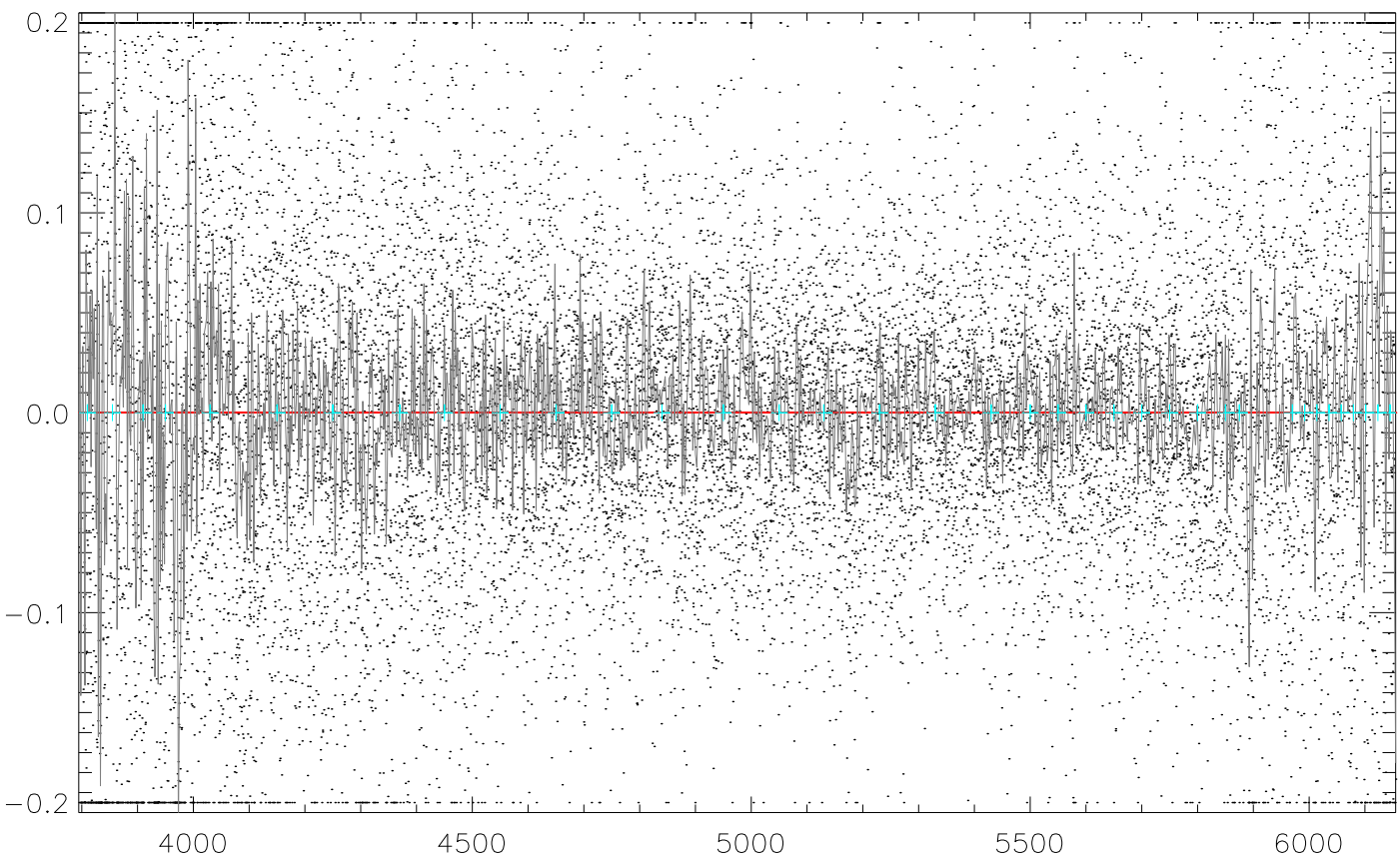
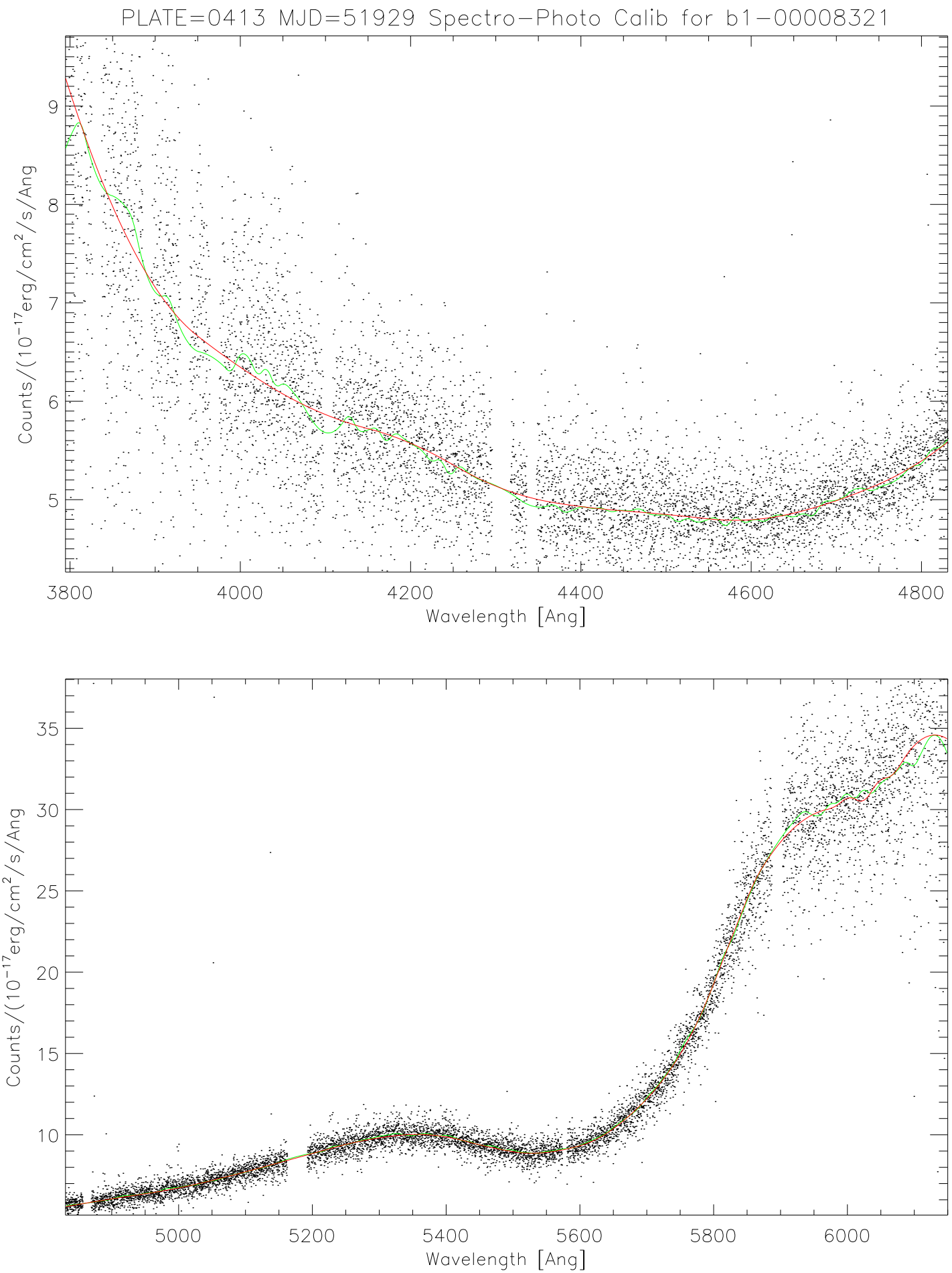
30
20
10
0
6000
6500
7000
7500
8000
8500
9000

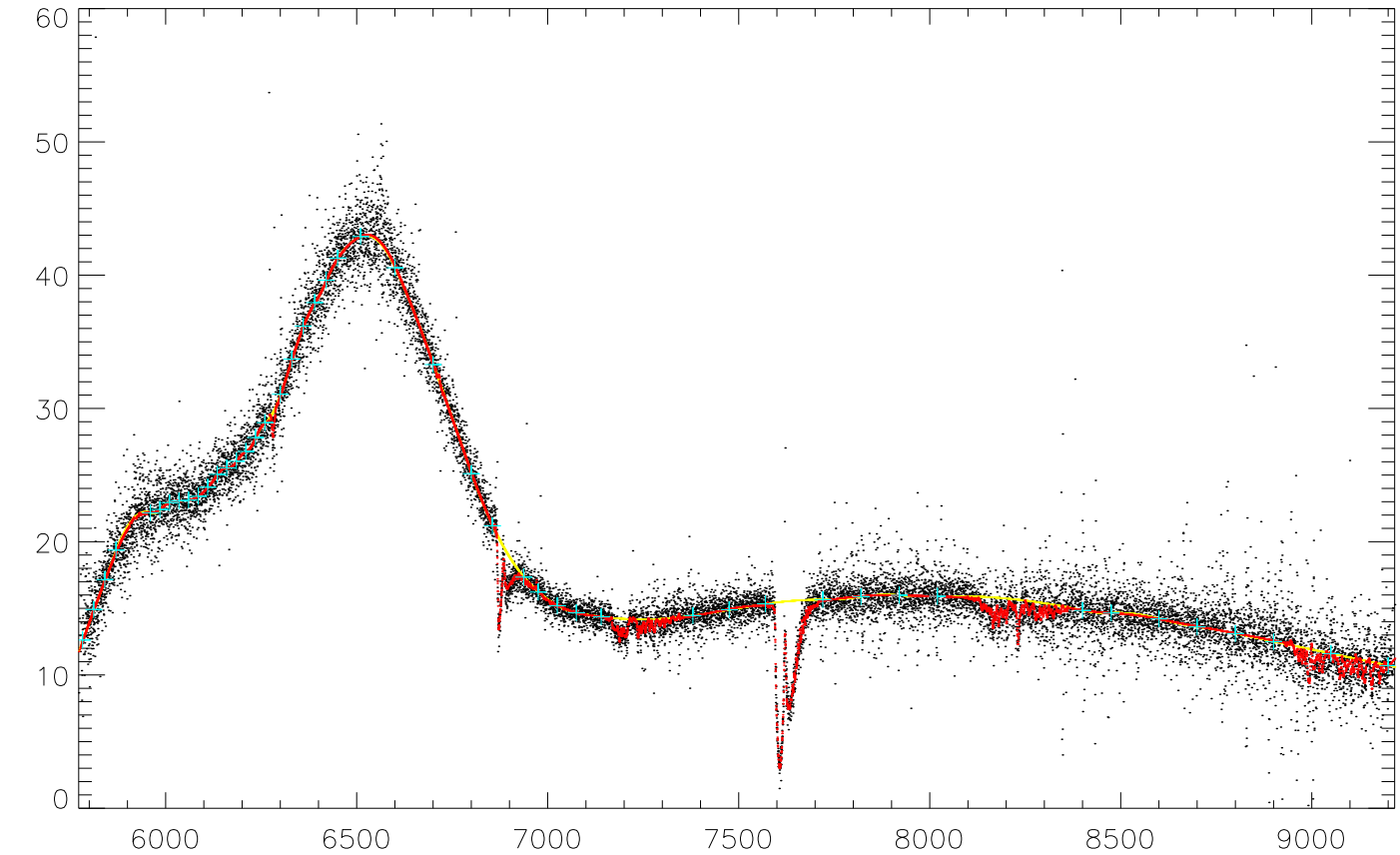

0.2
0.1
0.0
−0.1
−0.2
6000
6500
7000
7500
8000
8500
9000

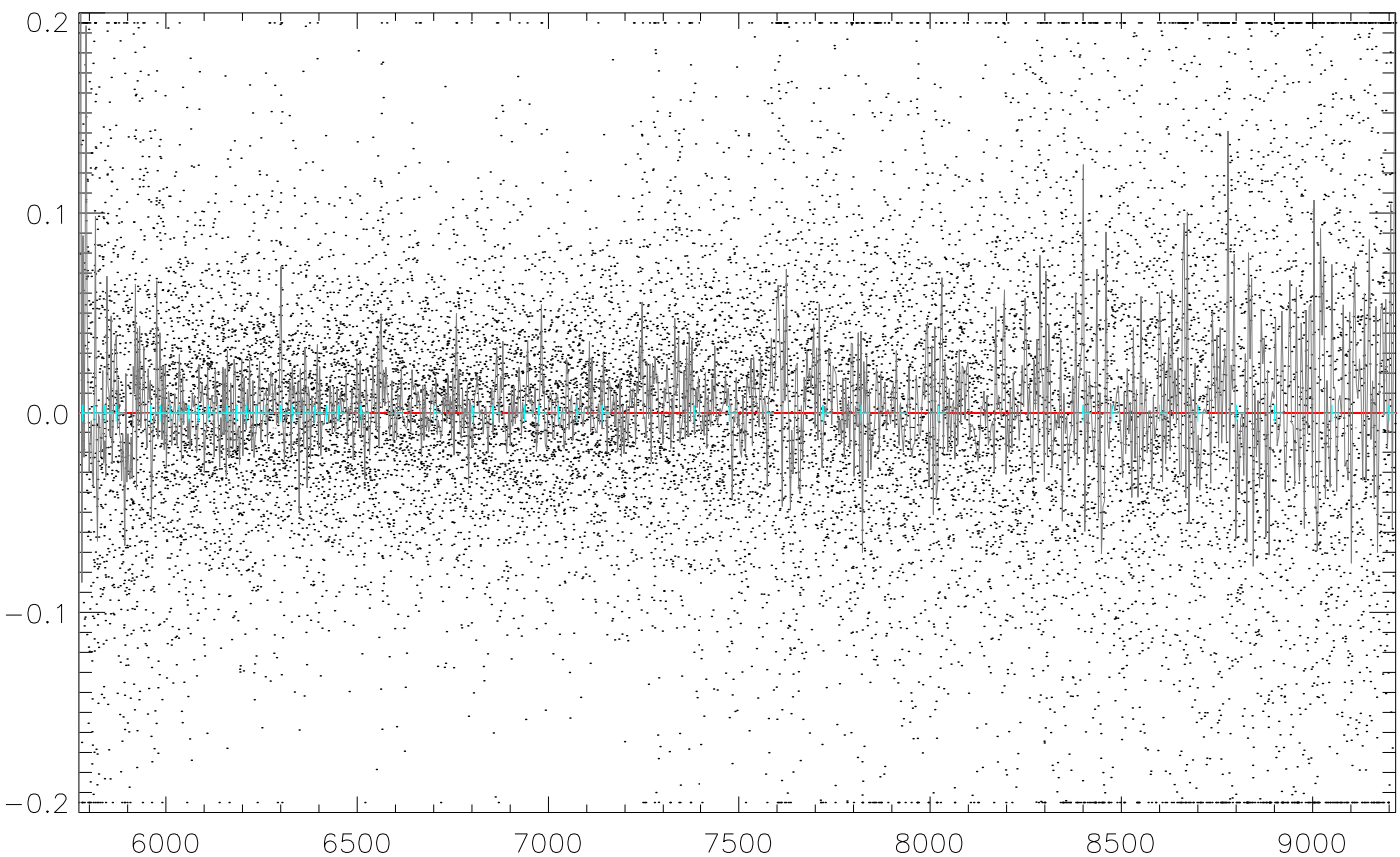

PLATE=0413 MJD=51929 Spectro−Photo Calib for r1−00008320
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
5800
6000
6200
6400
6600
6800
7000
7200
20
30
40
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
7500
8000
8500
9000
4
6
8
10
12
14
16
18

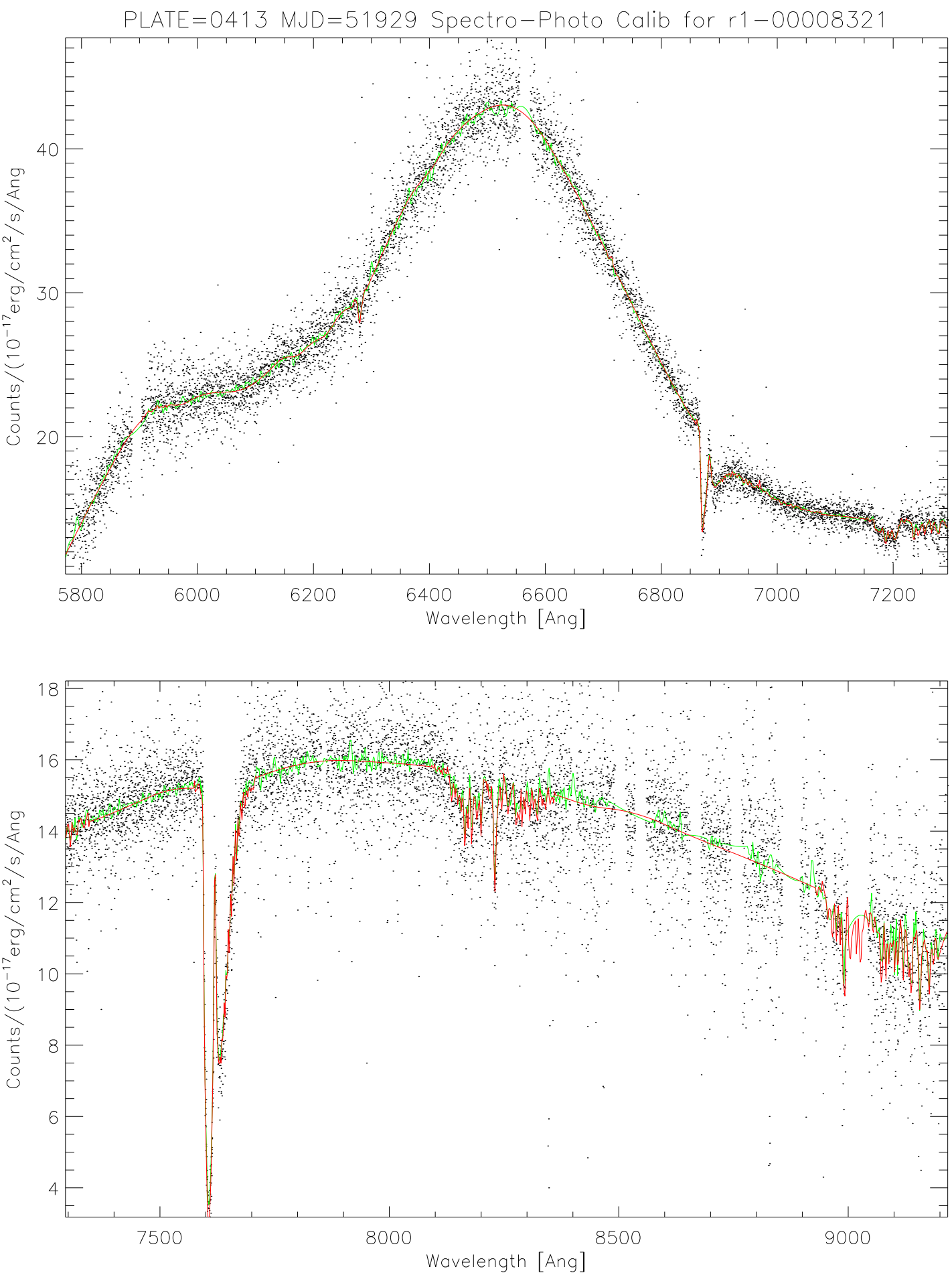

50
40
30
20
10
0
4000
4500
5000
5500
6000

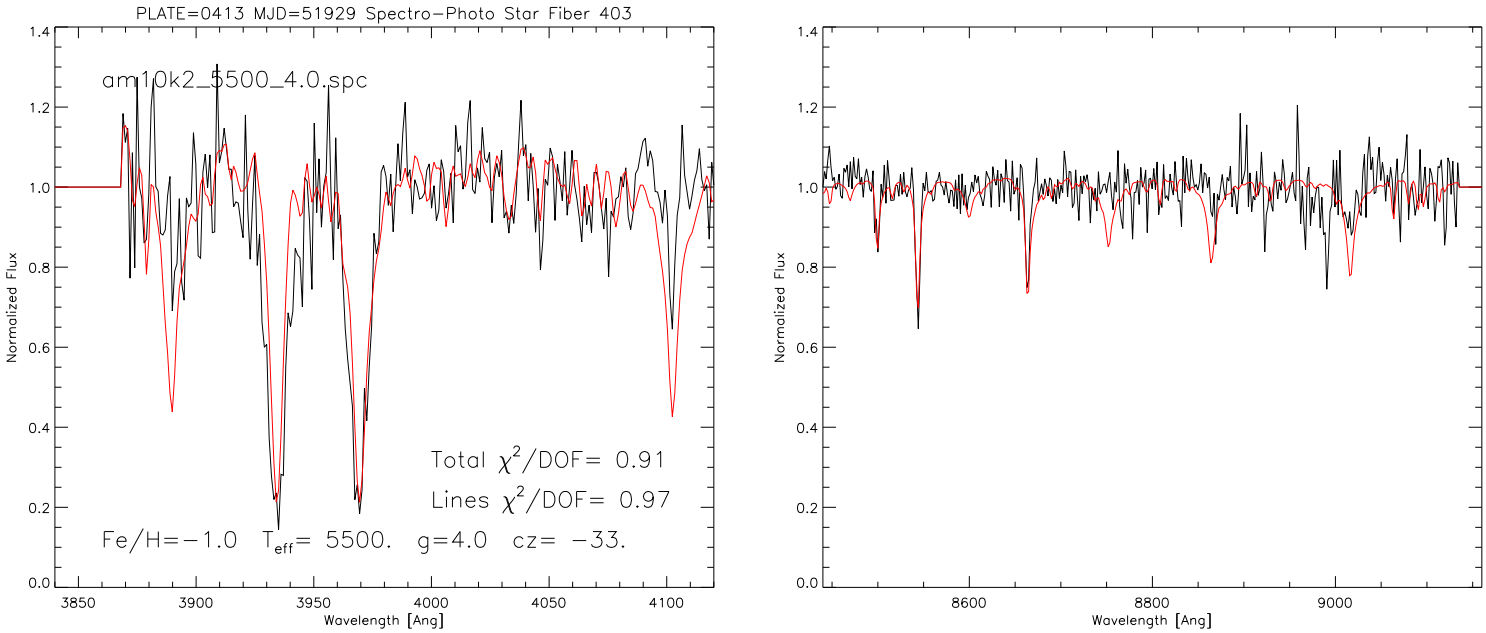

0.2
0.1
0.0
−0.1
−0.2
4000
4500
5000
5500
6000

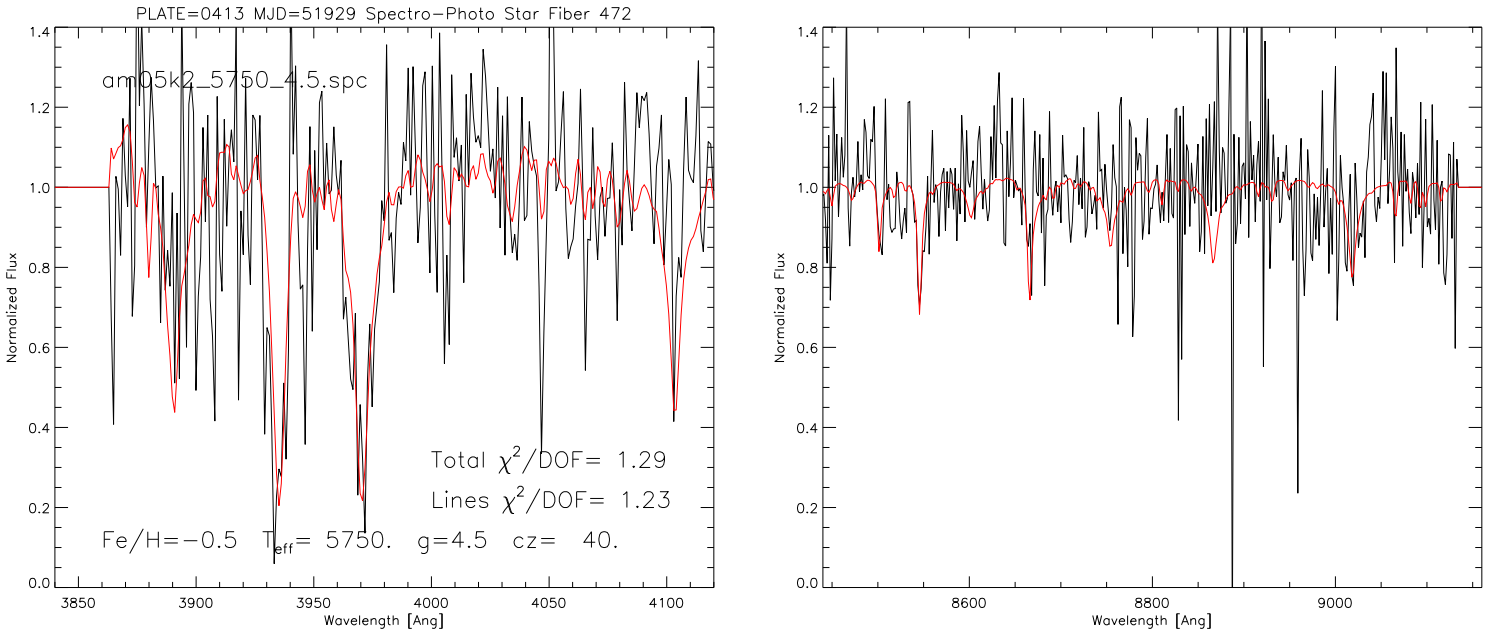

PLATE=0413 MJD=51929 Spectro−Photo Calib for b1−00008321
Counts/(10^-17erg/cm^2/s/Ang
9
8
7
6
5
3800
4000
4200
4400
4600
4800
Wavelength [Ang]
Counts/(10^-17erg/cm^2/s/Ang
35
30
25
20
15
10
5000
5200
5400
5600
5800
6000
Wavelength [Ang]

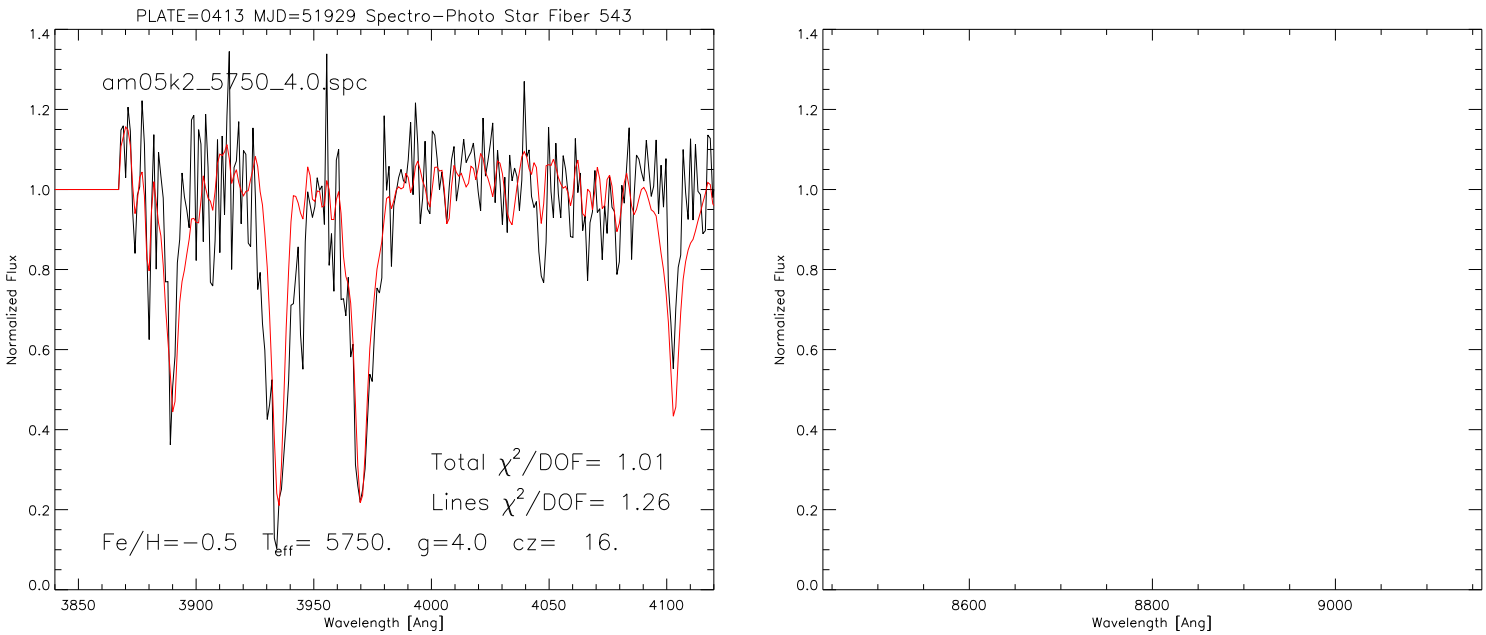

60
50
40
30
20
10
0
6000
6500
7000
7500
8000
8500
9000

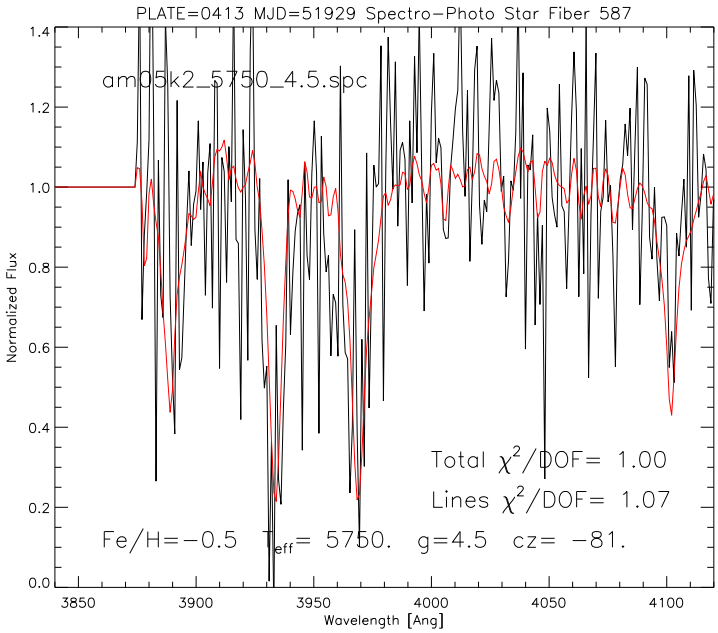

0.2
0.1
0.0
−0.1
−0.2
6000
6500
7000
7500
8000
8500
9000

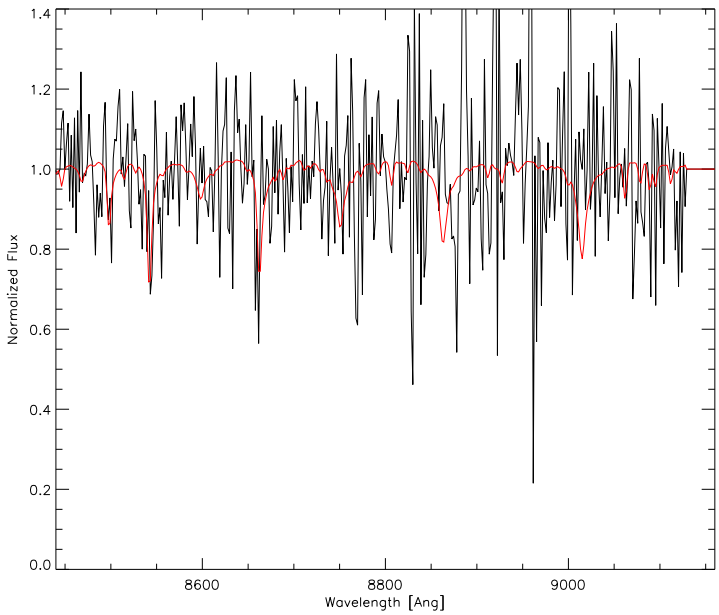

PLATE=0413 MJD=51929 Spectro−Photo Calib for r1−00008321
Counts/(10^-17erg/cm^2/s/Ang
Wavelength [Ang]
5800
6000
6200
6400
6600
6800
7000
7200
20
30
40
7500
8000
8500
9000
4
6
8
10
12
14
16
18

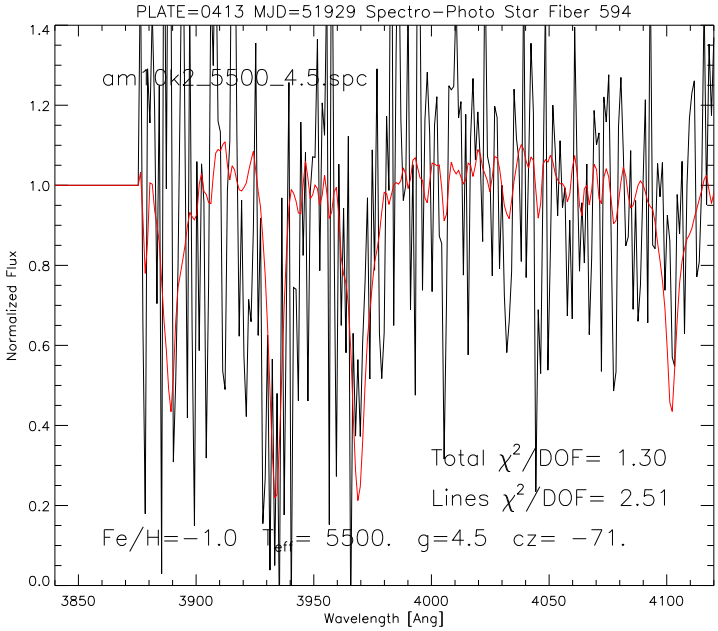

PLATE=0413 MJD=51929 Spectro-Photo Star Fiber 403
am10k2_5500_4.0.spc
Total χ^2/DOF= 0.91
Lines χ^2/DOF= 0.97
Fe/H=−1.0 T_{eff}= 5500. g=4.0 cz= −33.
Normalized Flux
Wavelength [Ang]

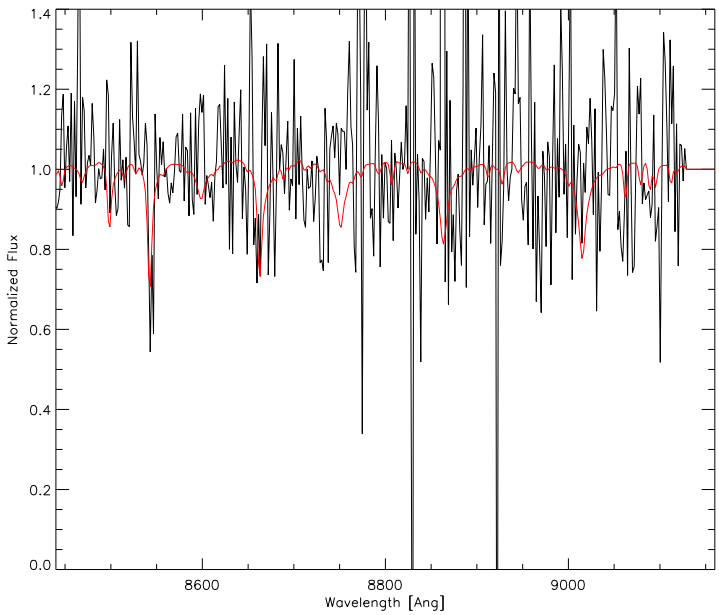

PLATE=0413 MJD=51929 Spectro-Photo Star Fiber 472
am05k2_5750_4.5.spc
Total χ^2/DOF= 1.29
Lines χ^2/DOF= 1.23
Fe/H=−0.5 T_{eff}= 5750. g=4.5 cz= 40.
Normalized Flux
Wavelength [Ang]

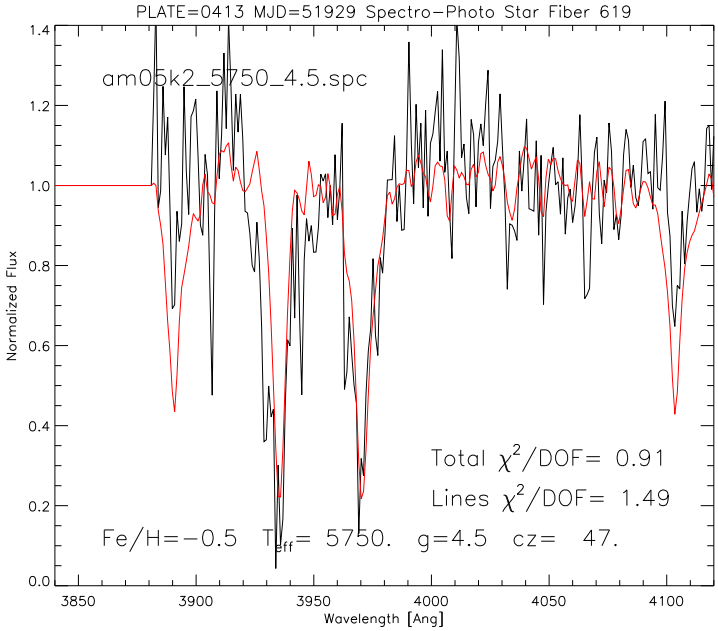

PLATE=0413 MJD=51929 Spectro-Photo Star Fiber 543
am05k2_5750_4.0.spc
Total χ^2/DOF= 1.01
Lines χ^2/DOF= 1.26
Fe/H=−0.5 T_{eff}= 5750. g=4.0 cz= 16.
Normalized Flux
Wavelength [Ang]

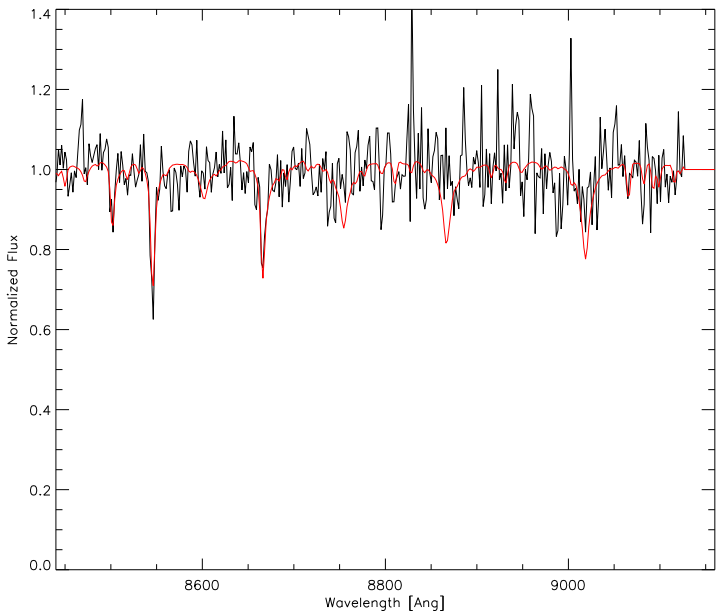

PLATE=0413 MJD=51929 Spectro-Photo Star Fiber 587
am05k2_5750_4.5.spc
Total χ^2/DOF= 1.00
Lines χ^2/DOF= 1.07
Fe/H=−0.5 T_{eff}= 5750. g=4.5 cz= −81.
Normalized Flux
Wavelength [Ang]

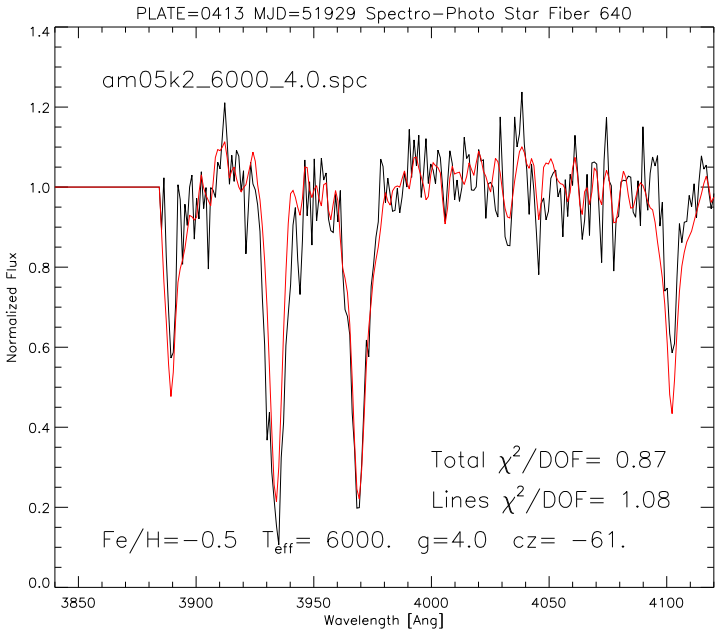

Normalized Flux
Wavelength [Ang]

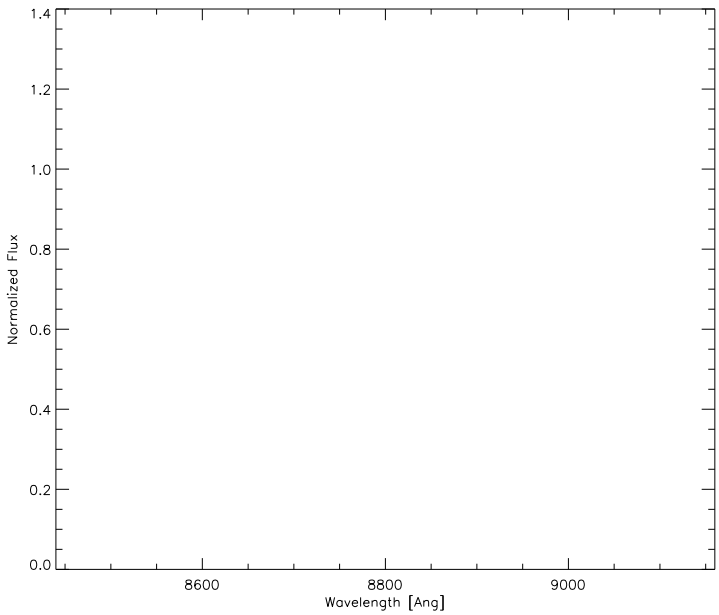

PLATE=0413 MJD=51929 Spectro-Photo Star Fiber 594
am10k2_5500_4.5.spc
Total χ^2/DOF= 1.30
Lines χ^2/DOF= 2.51
Fe/H=−1.0 T_{eff}= 5500. g=4.5 cz= −71.
Normalized Flux
Wavelength [Ang]

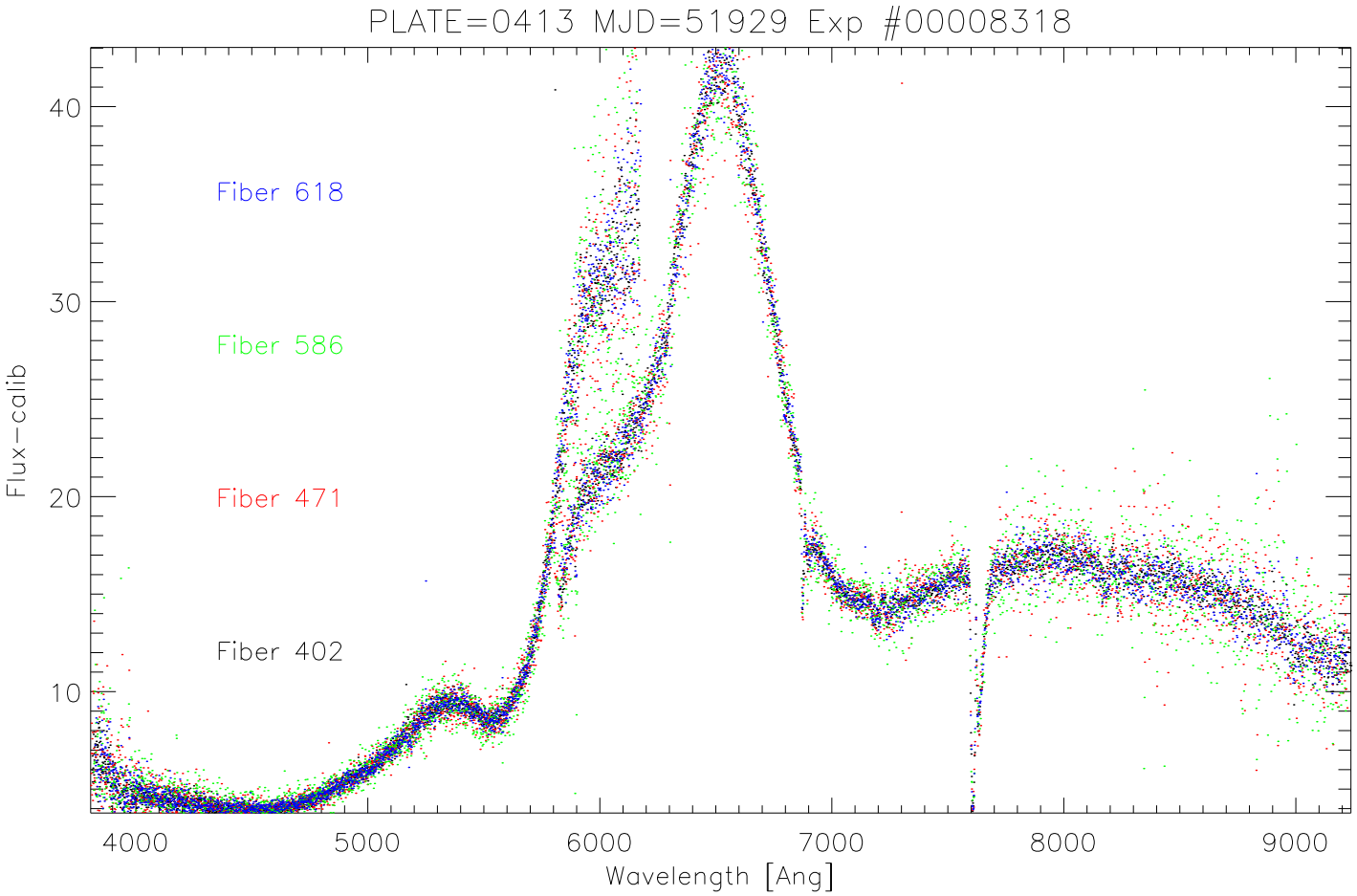

Normalized Flux
Wavelength [Ang]

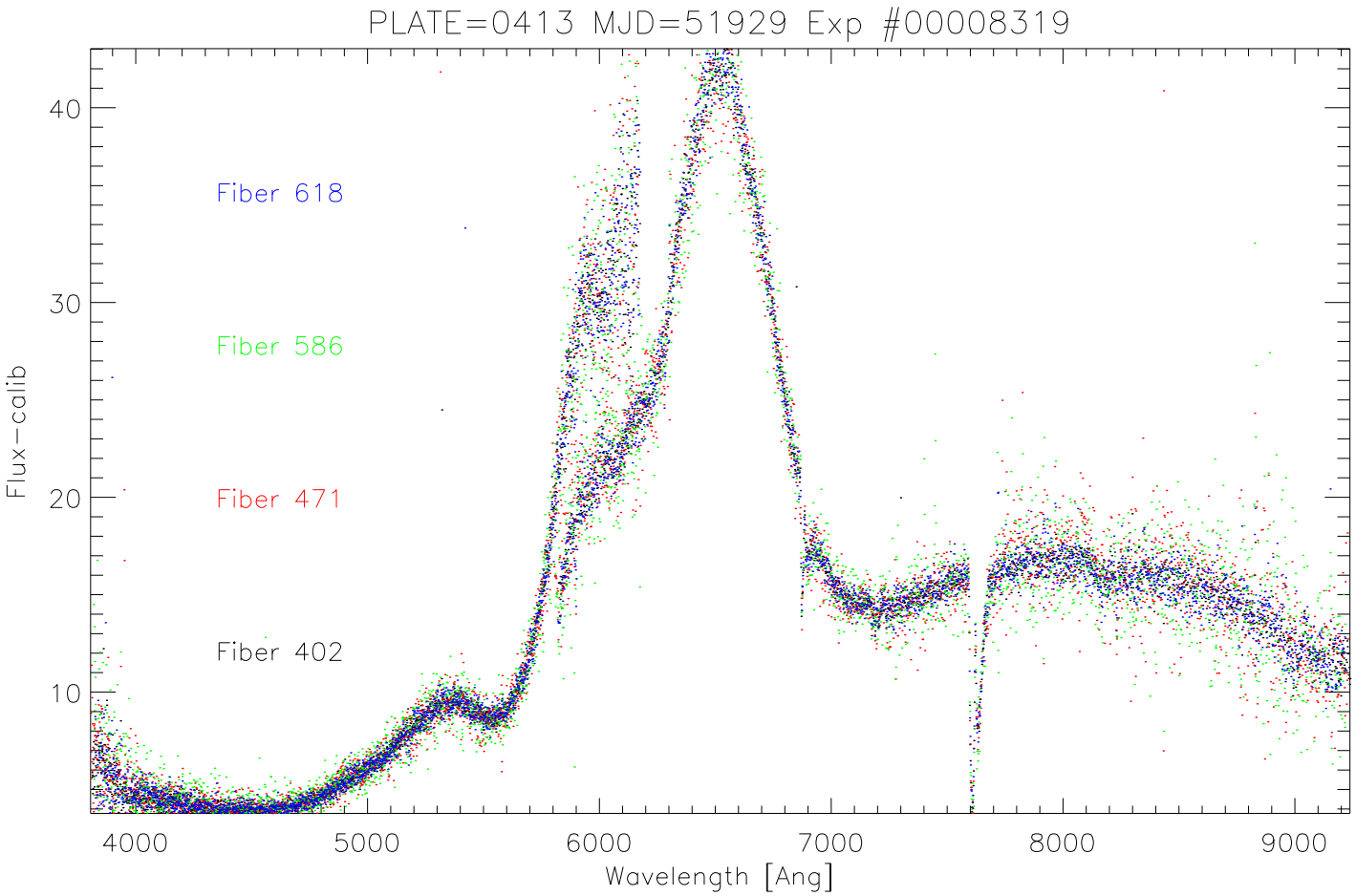

PLATE=0413 MJD=51929 Spectro-Photo Star Fiber 619
am05k2_5750_4.5.spc
Total χ^2/DOF= 0.91
Lines χ^2/DOF= 1.49
Fe/H=−0.5 T_{eff}= 5750. g=4.5 cz= 47.
Normalized Flux
Wavelength [Ang]

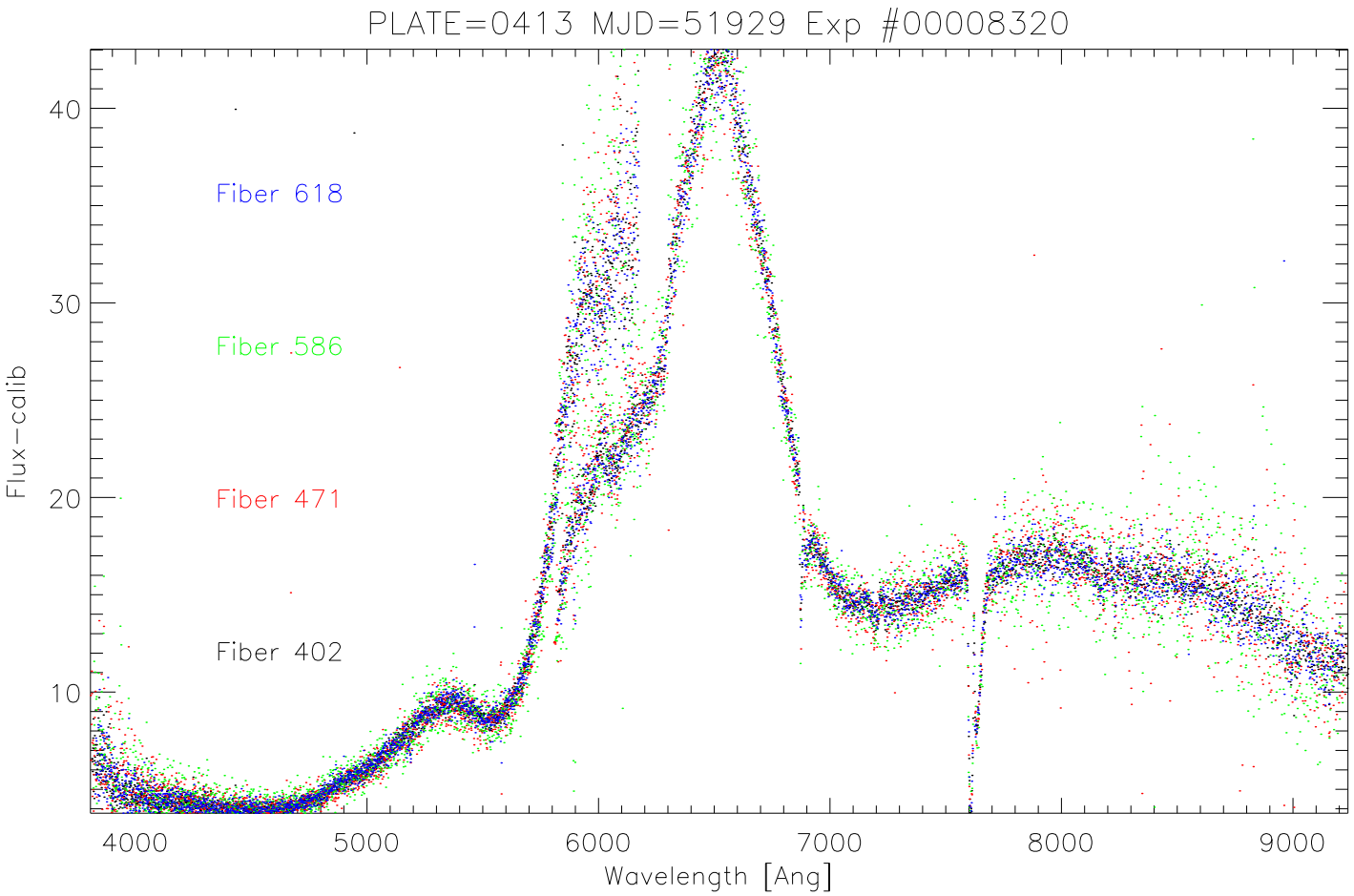

Normalized Flux
Wavelength [Ang]

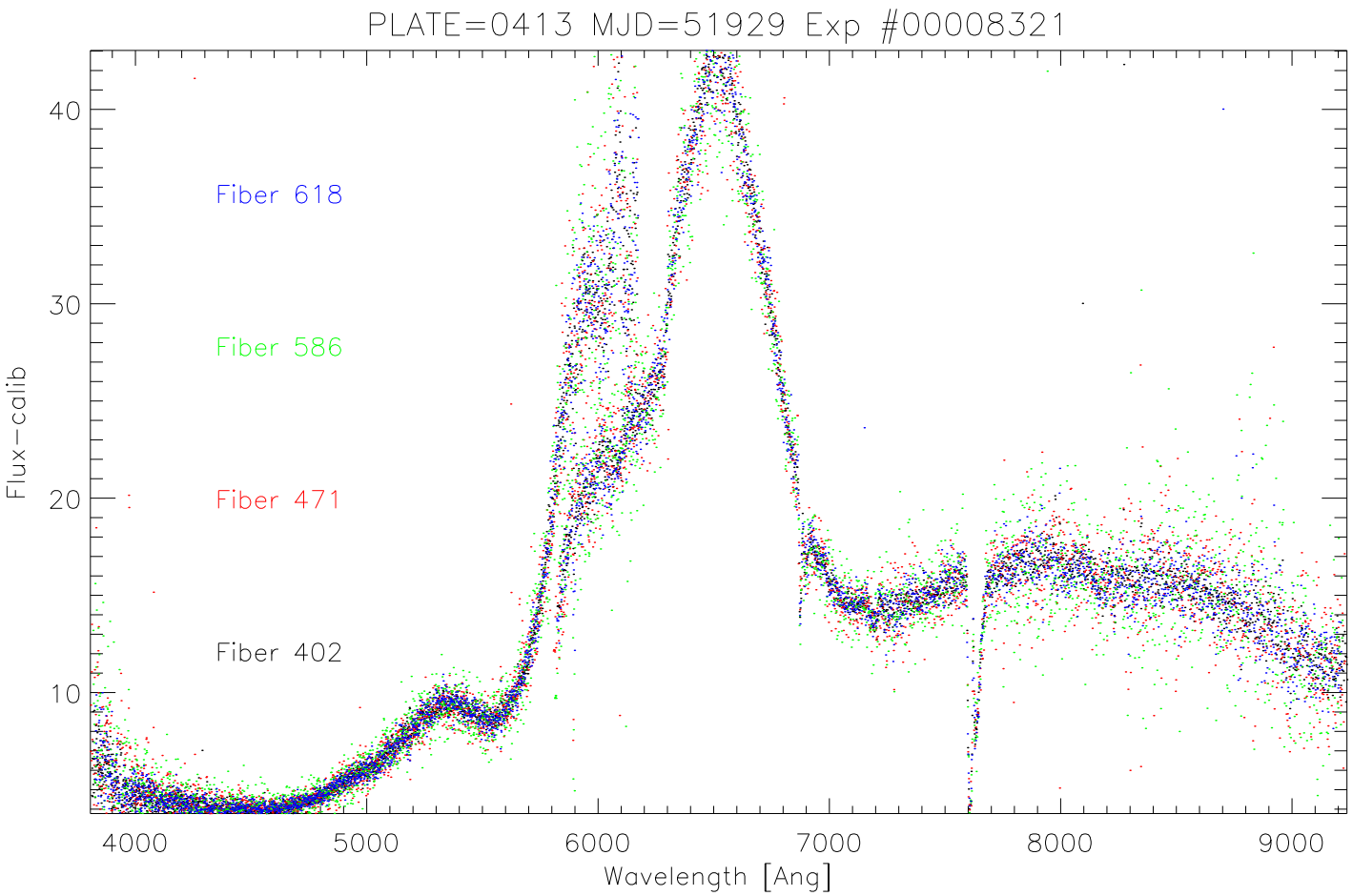

PLATE=0413 MJD=51929 Spectro-Photo Star Fiber 640
am05k2_6000_4.0.spc
Total χ^2/DOF= 0.87
Lines χ^2/DOF= 1.08
Fe/H=−0.5 T_{eff}= 6000. g=4.0 cz= −61.
Normalized Flux
Wavelength [Ang]
3850
3900
3950
4000
4050
4100
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4

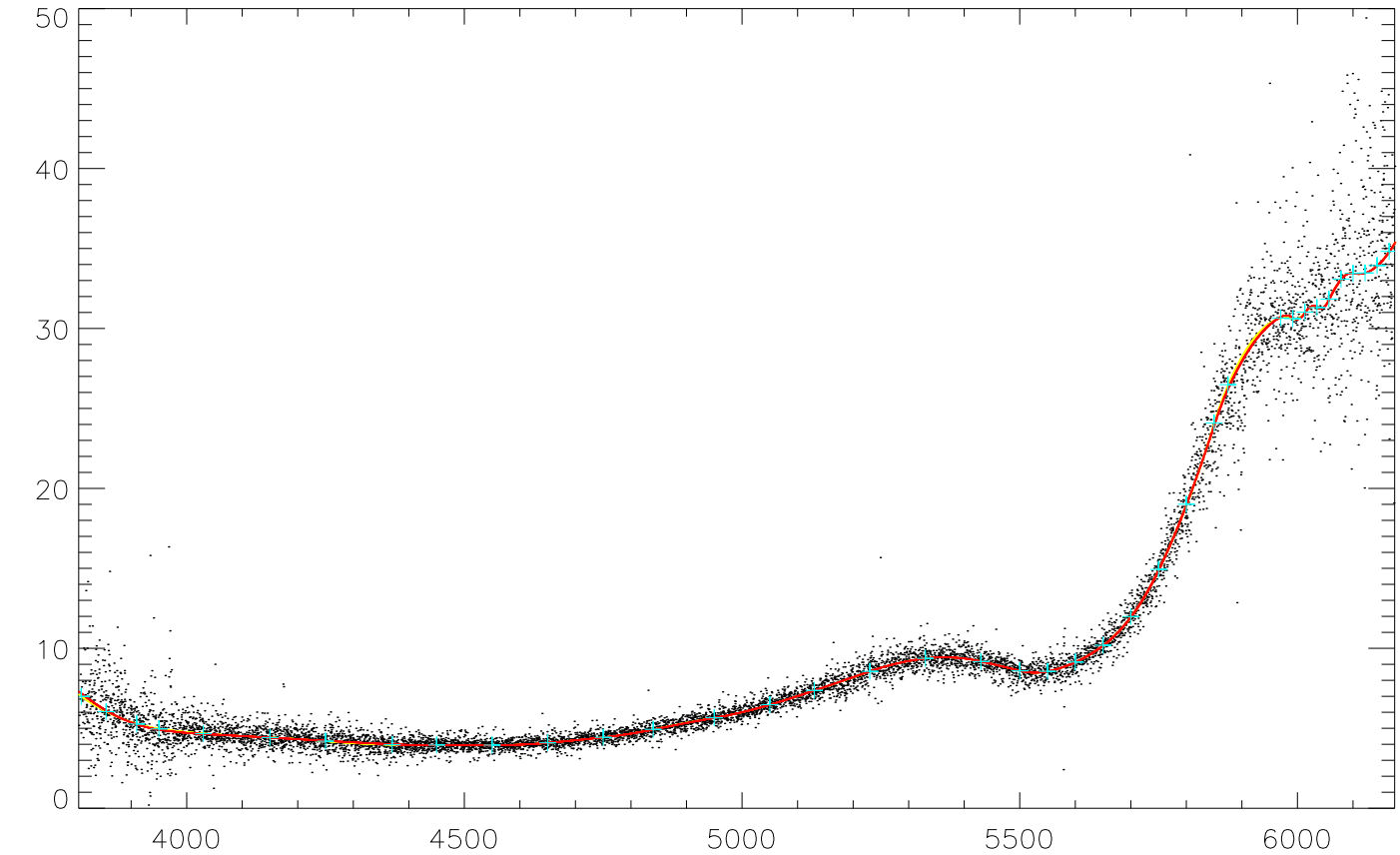

Normalized Flux
Wavelength [Ang]
8600
8800
9000
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4

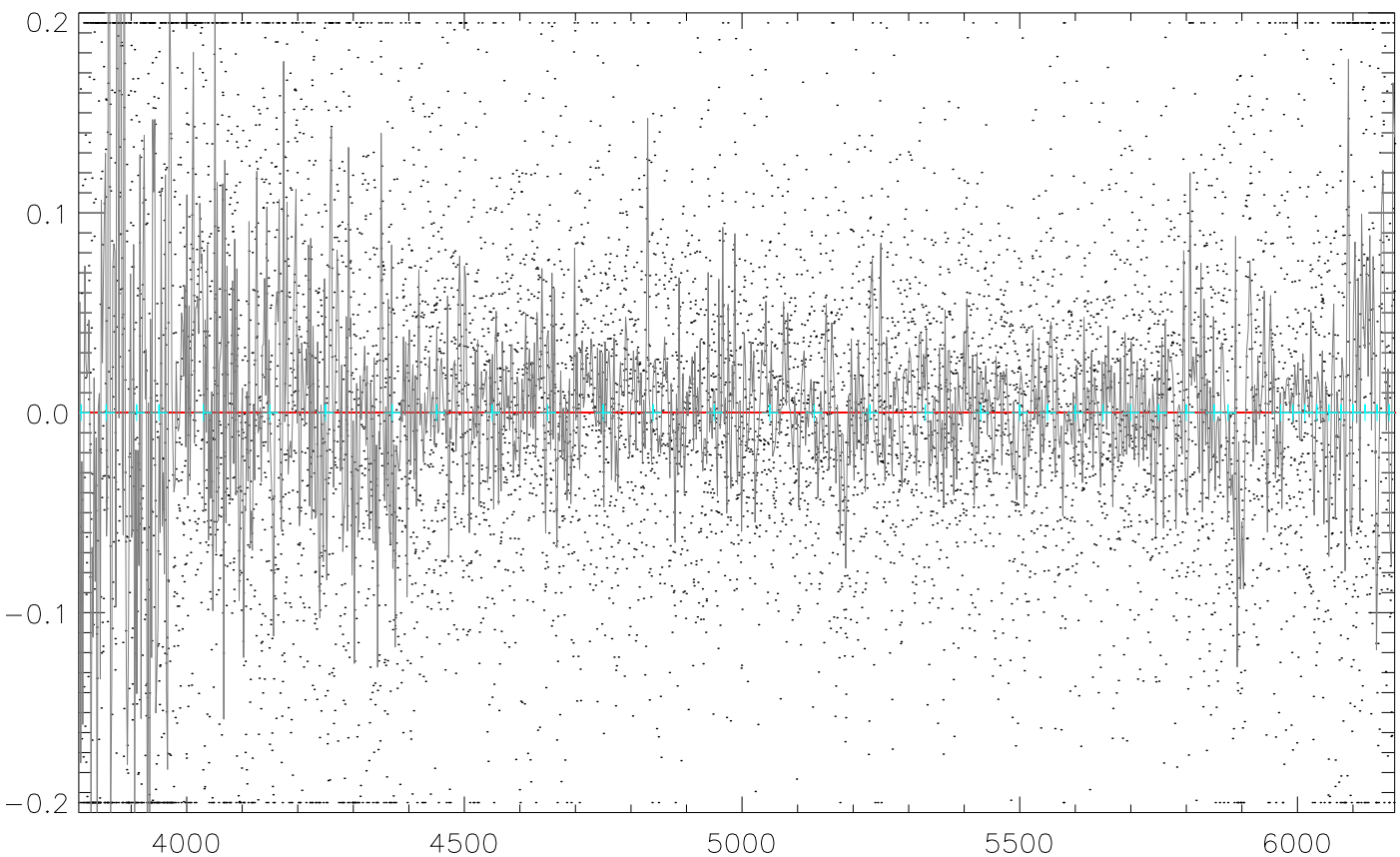

PLATE=0413 MJD=51929 Exp #00008318
Fiber 618
Fiber 586
Fiber 471
Fiber 402
Flux−calib
Wavelength [Ang]
10
20
30
40
4000
5000
6000
7000
8000
9000

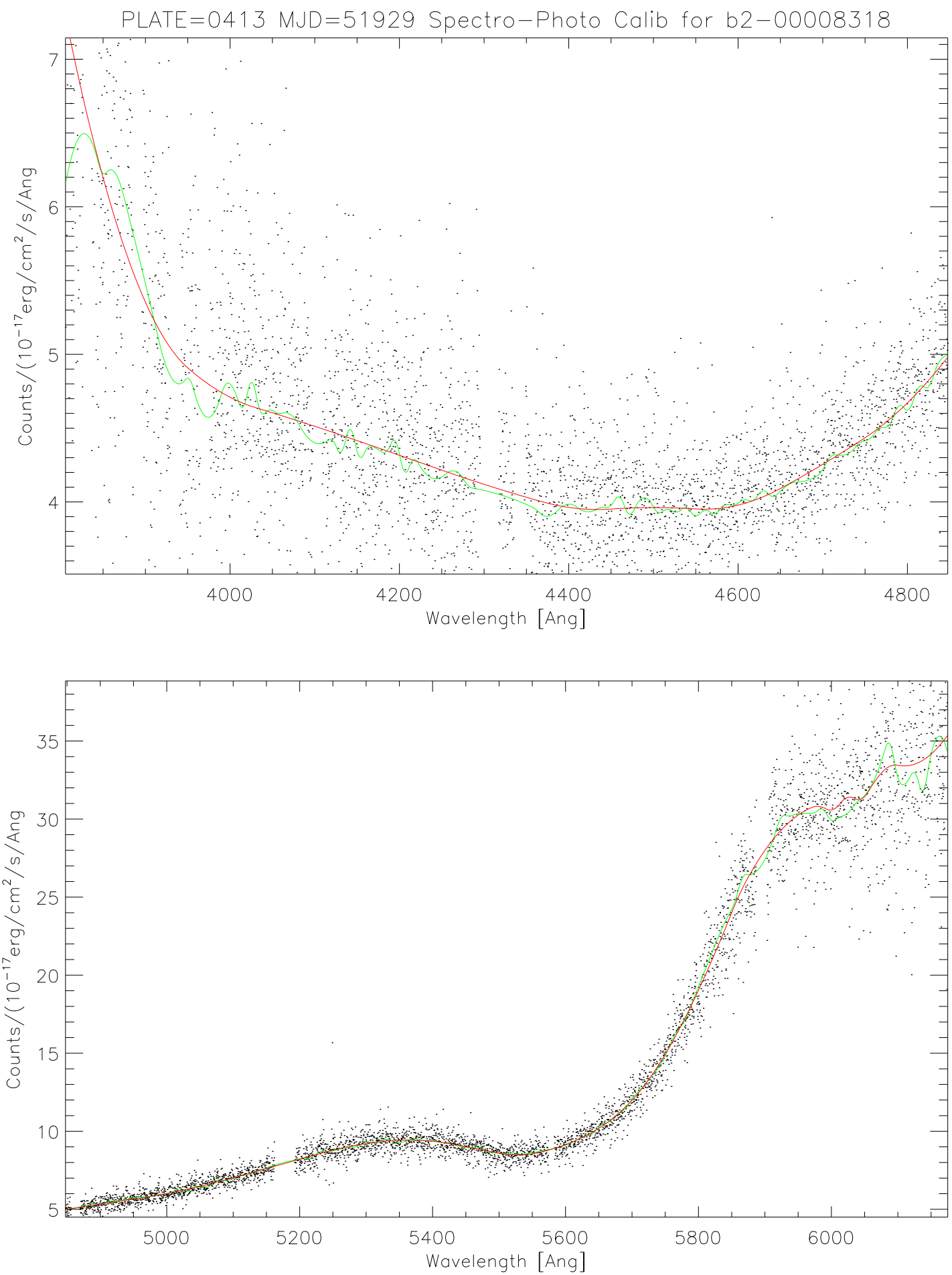

PLATE=0413 MJD=51929 Exp #00008319
Fiber 618
Fiber 586
Fiber 471
Fiber 402
Flux−calib
Wavelength [Ang]
10
20
30
40
4000
5000
6000
7000
8000
9000

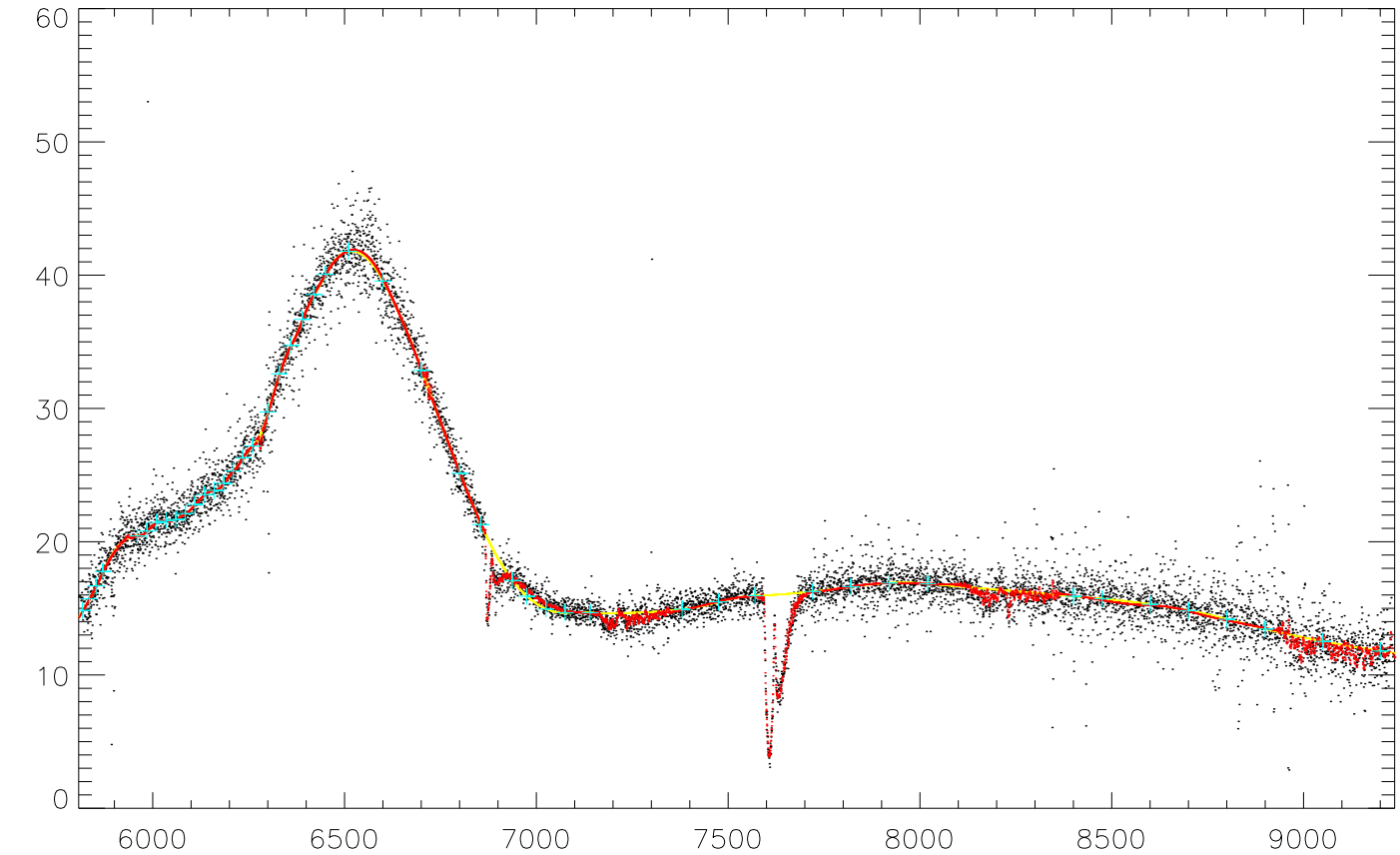

PLATE=0413 MJD=51929 Exp #00008320
Fiber 618
Fiber 586
Fiber 471
Fiber 402
Flux−calib
Wavelength [Ang]
10
20
30
40
4000
5000
6000
7000
8000
9000

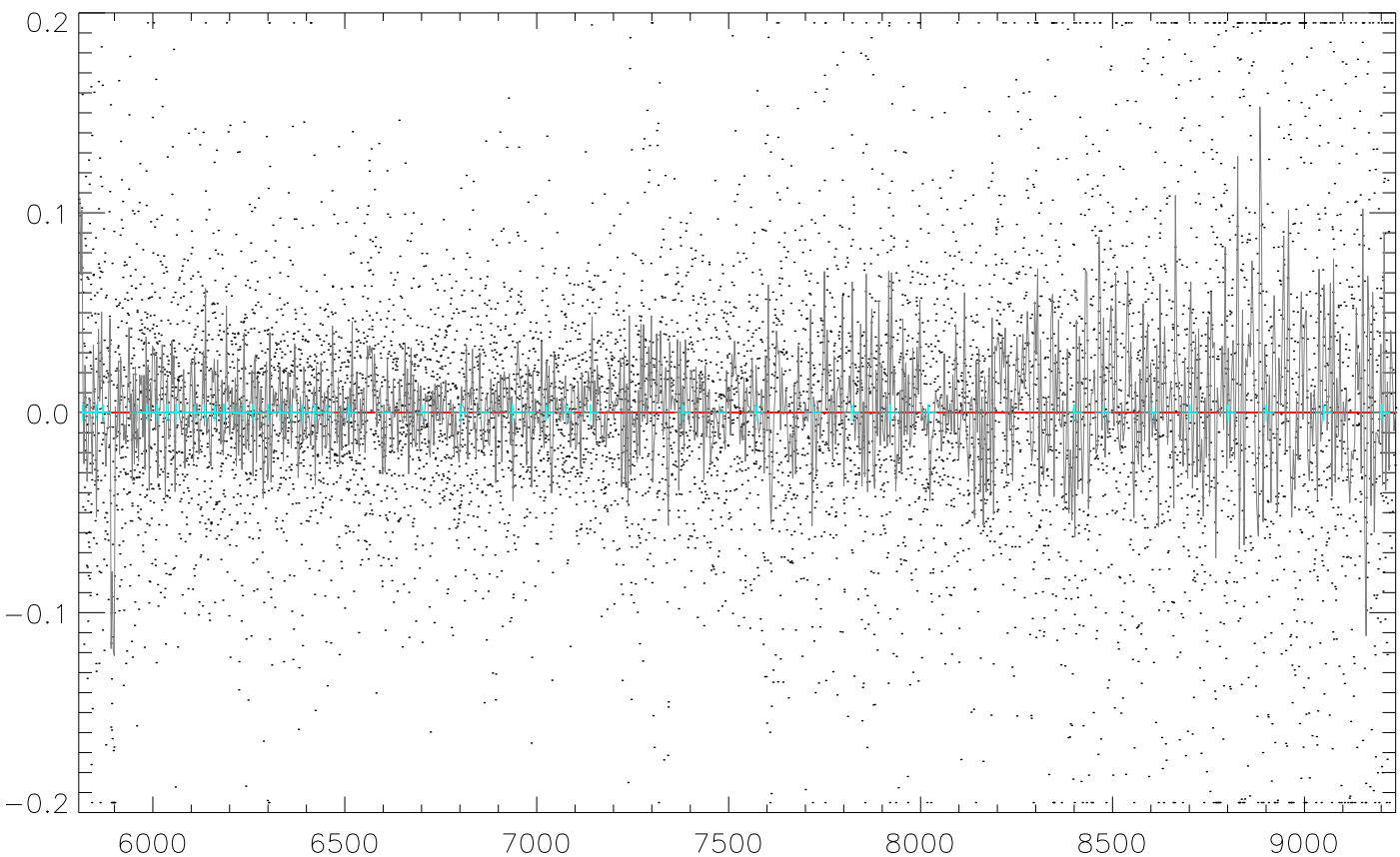

PLATE=0413 MJD=51929 Exp #00008321
Fiber 618
Fiber 586
Fiber 471
Fiber 402
Flux−calib
Wavelength [Ang]
10
20
30
40
4000
5000
6000
7000
8000
9000

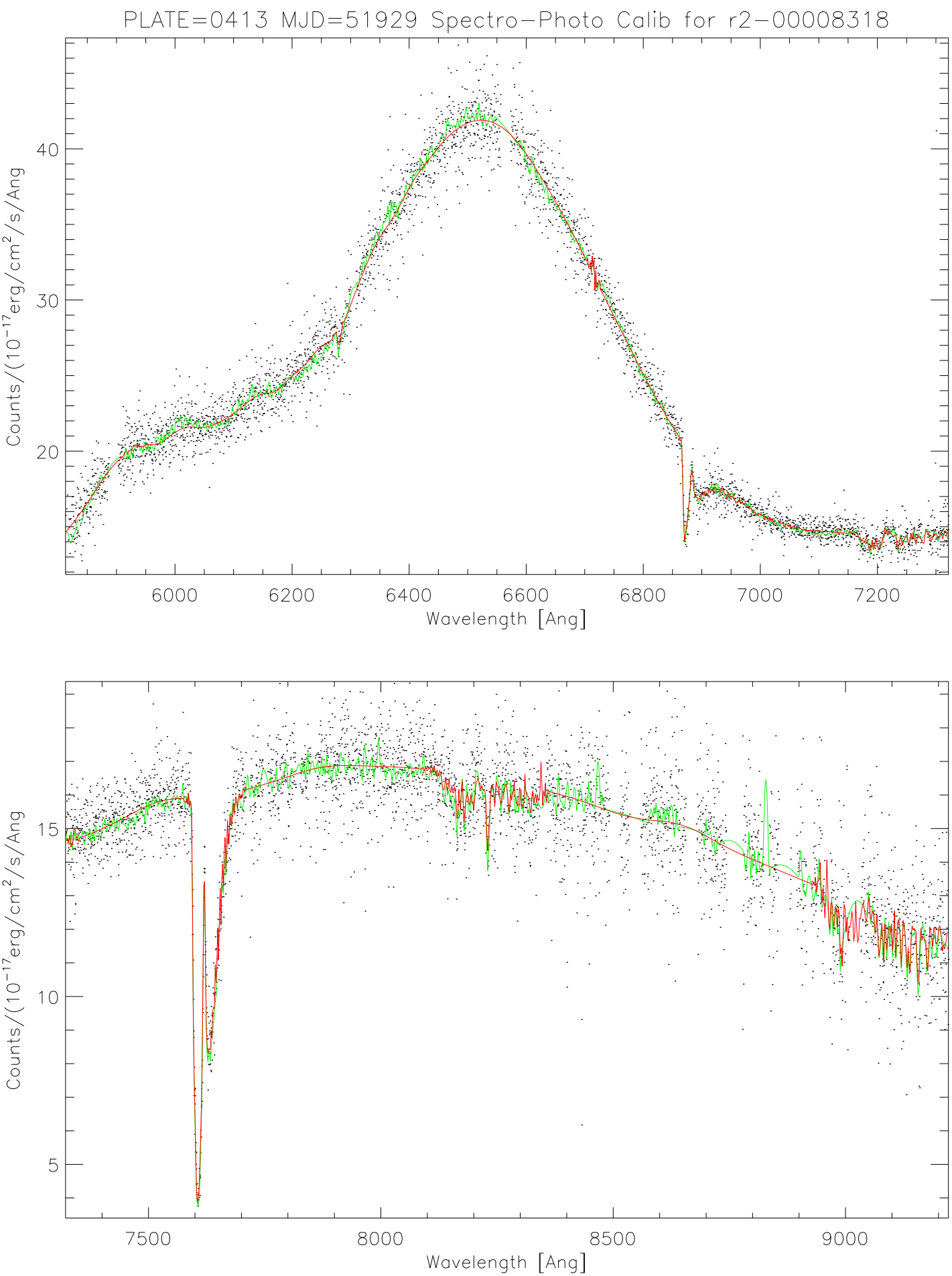

50
40
30
20
10
0
4000
4500
5000
5500
6000

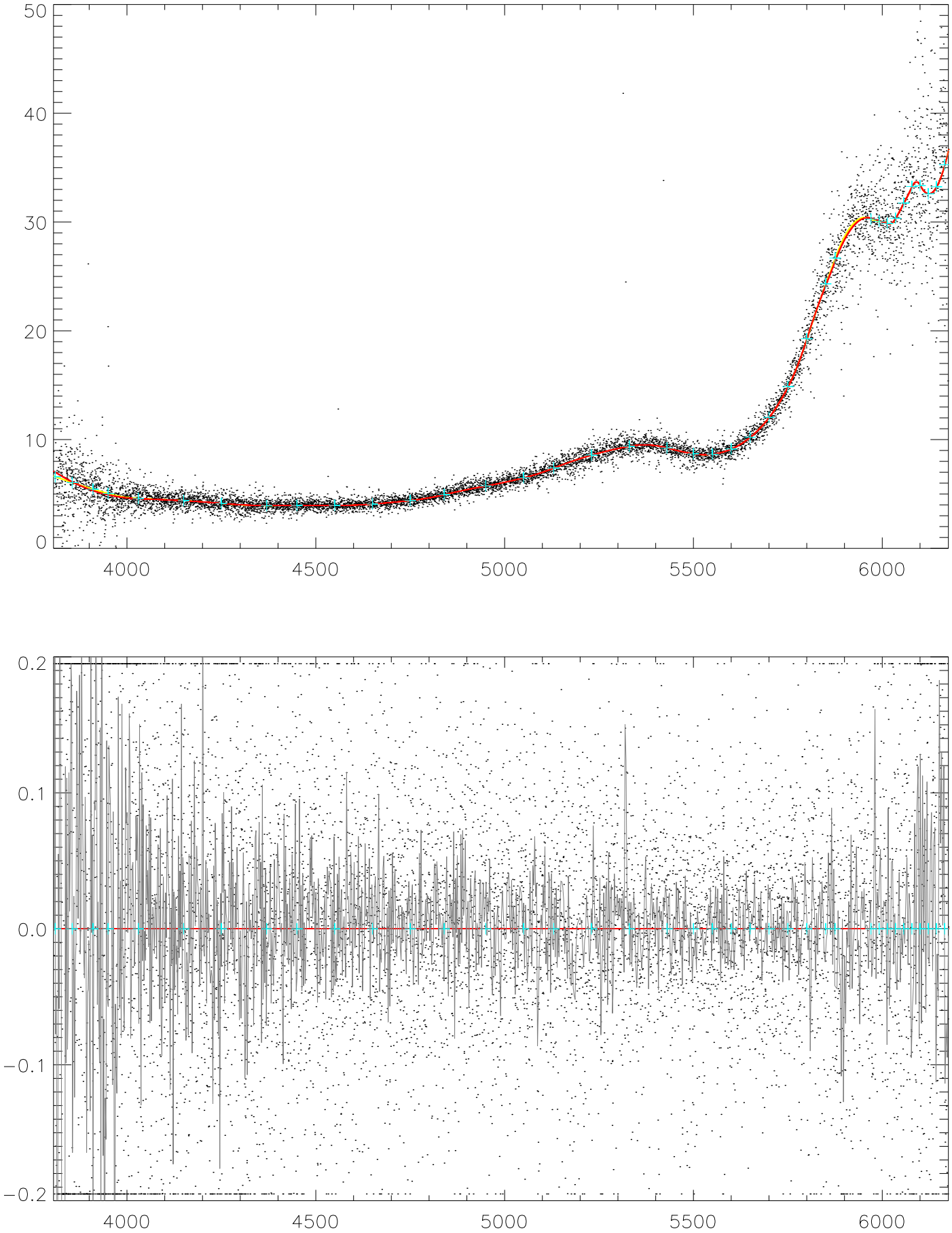

0.2
0.1
0.0
−0.1
−0.2
4000
4500
5000
5500
6000

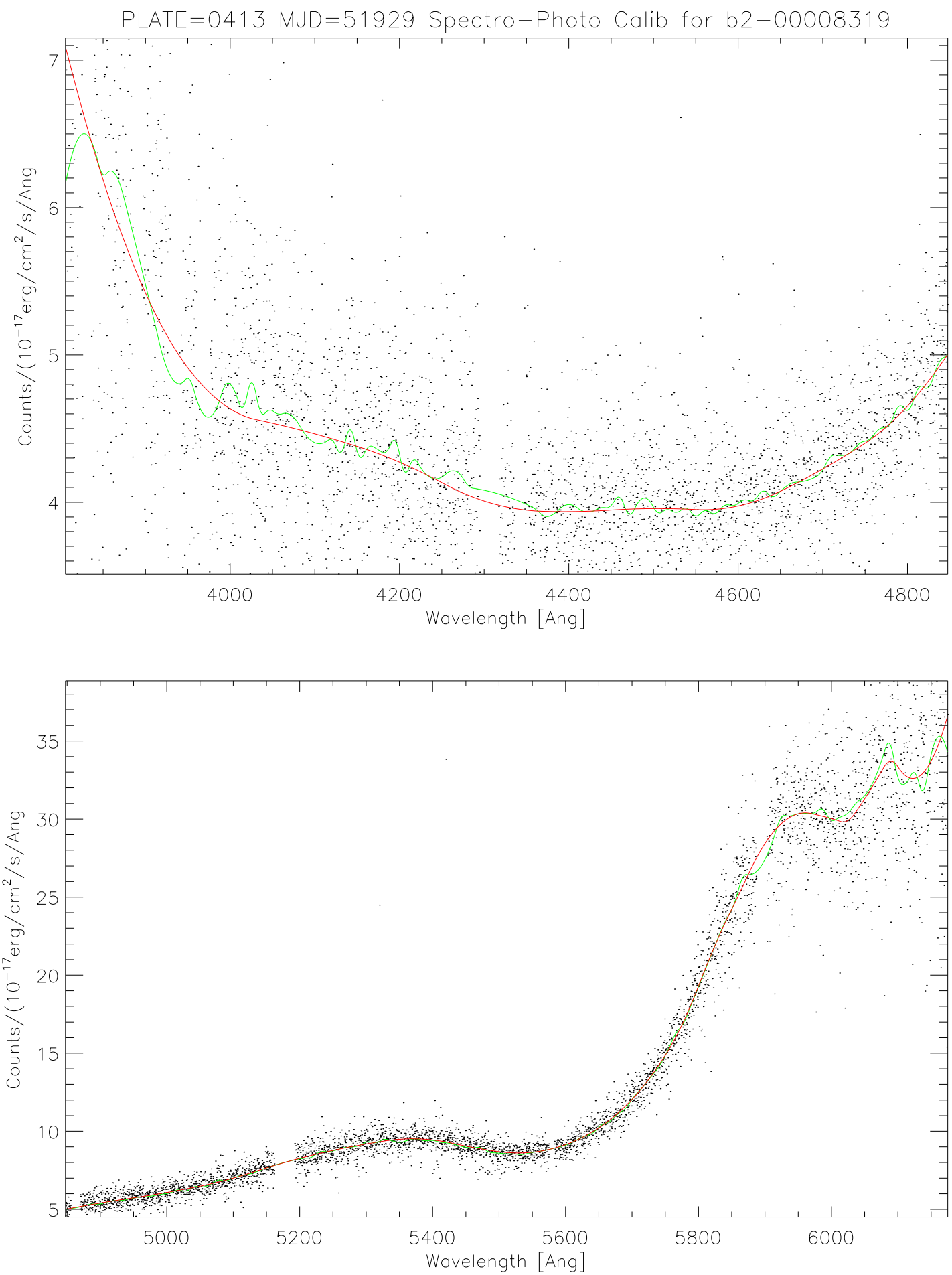

PLATE=0413 MJD=51929 Spectro−Photo Calib for b2−00008318
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
4000
4200
4400
4600
4800
5000
5200
5400
5600
5800
6000
4
5
6
7
10
15
20
25
30
35

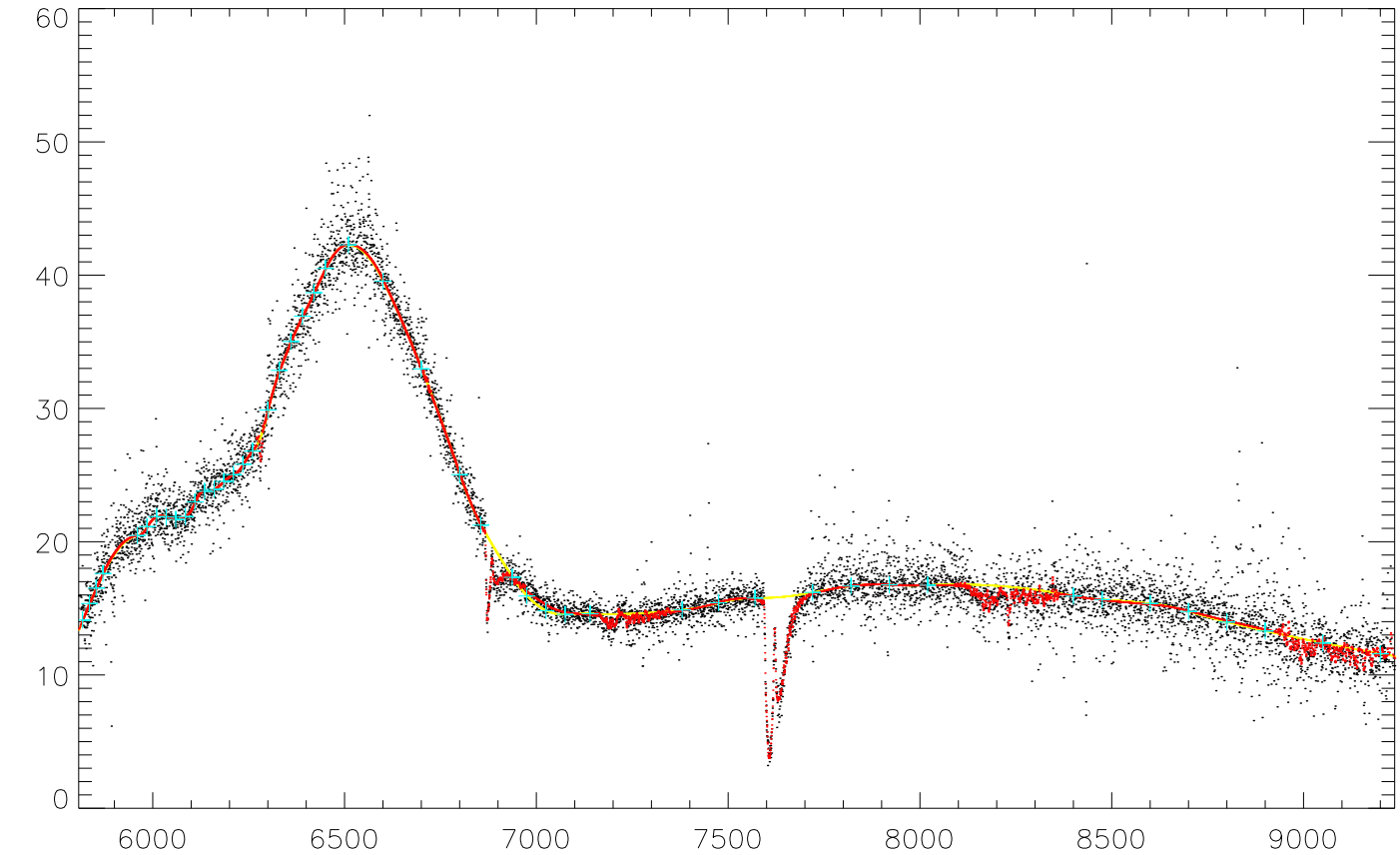

60
50
40
30
20
10
0
6000
6500
7000
7500
8000
8500
9000

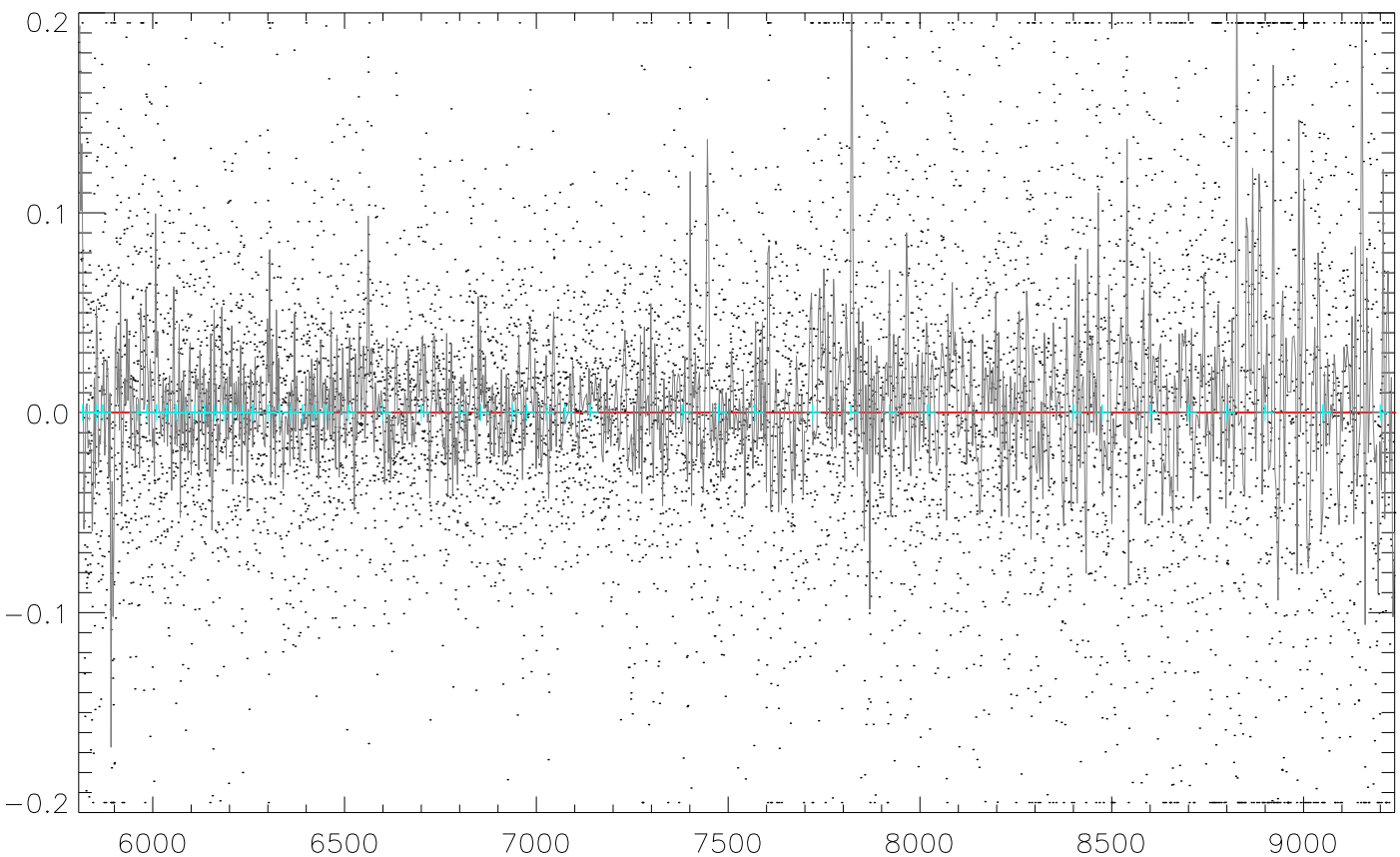

0.2
0.1
0.0
−0.1
−0.2
6000
6500
7000
7500
8000
8500
9000

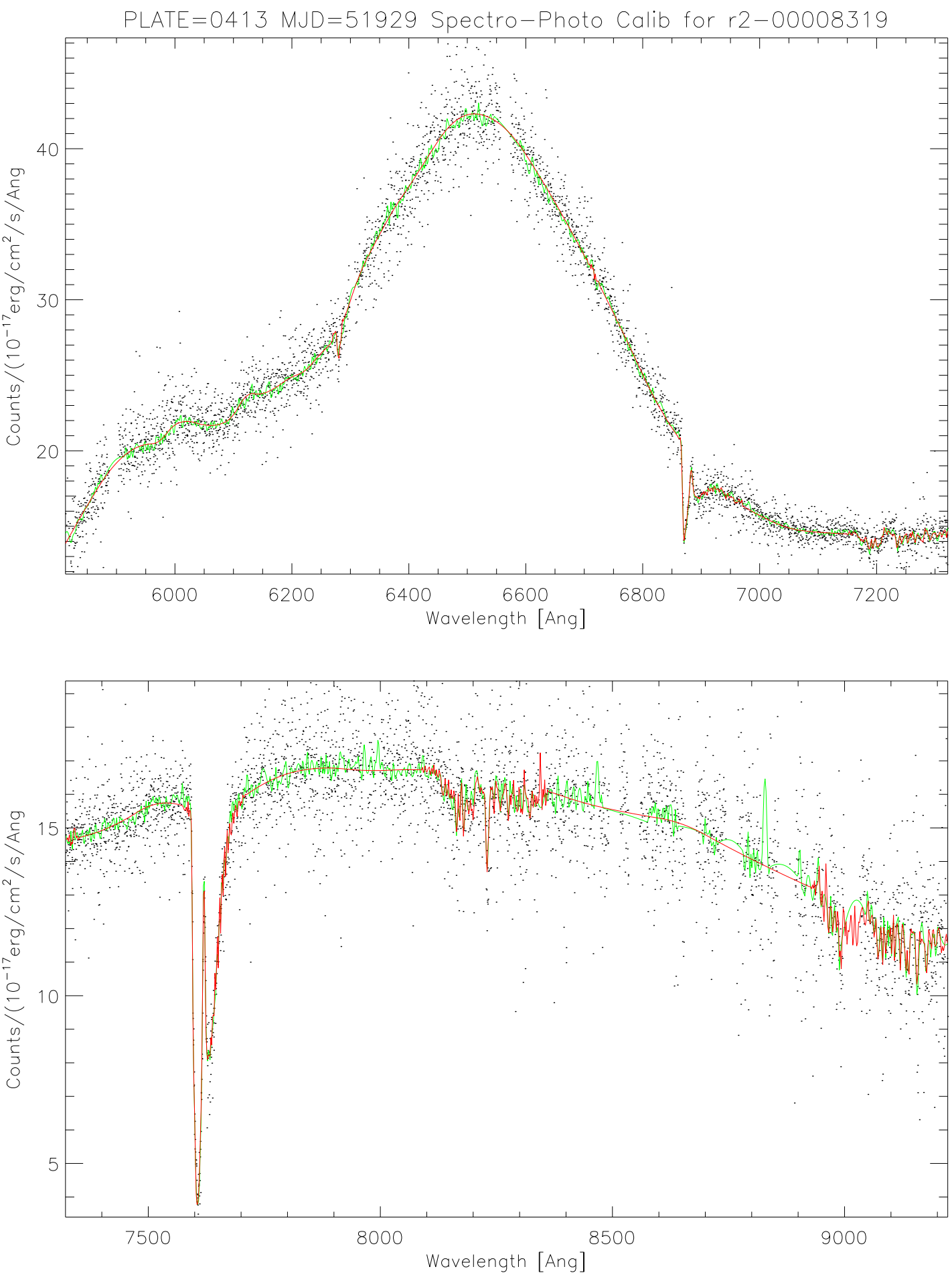

PLATE=0413 MJD=51929 Spectro−Photo Calib for r2−00008318
Counts/(10^-17 erg/cm^2/s/Ang
40
30
20
6000
6200
6400
6600
6800
7000
7200
Wavelength [Ang]
Counts/(10^-17 erg/cm^2/s/Ang
15
10
5
7500
8000
8500
9000
Wavelength [Ang]

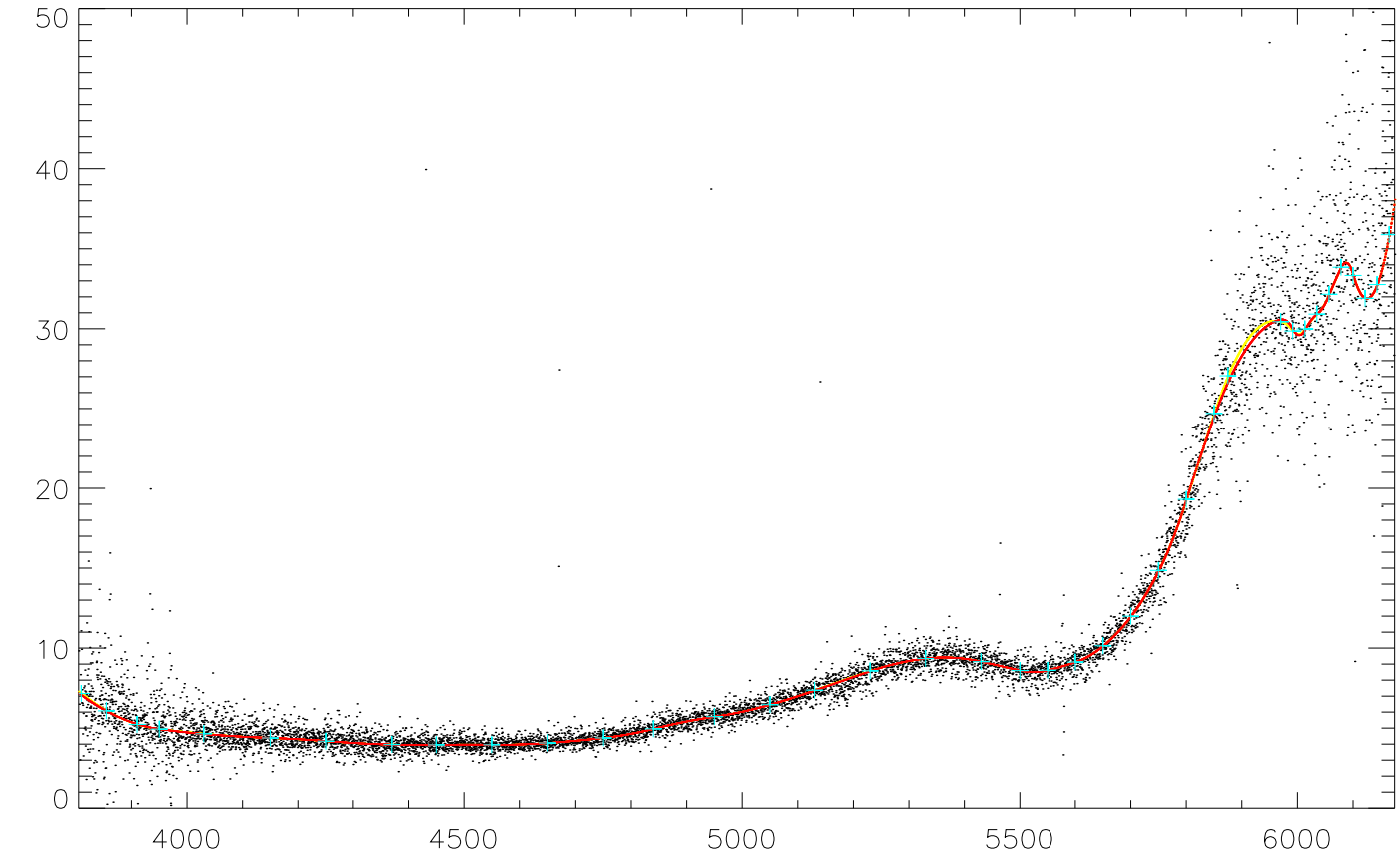

50
40
30
20
10
0
4000
4500
5000
5500
6000
0.2
0.1
0.0
−0.1
−0.2
4000
4500
5000
5500
6000

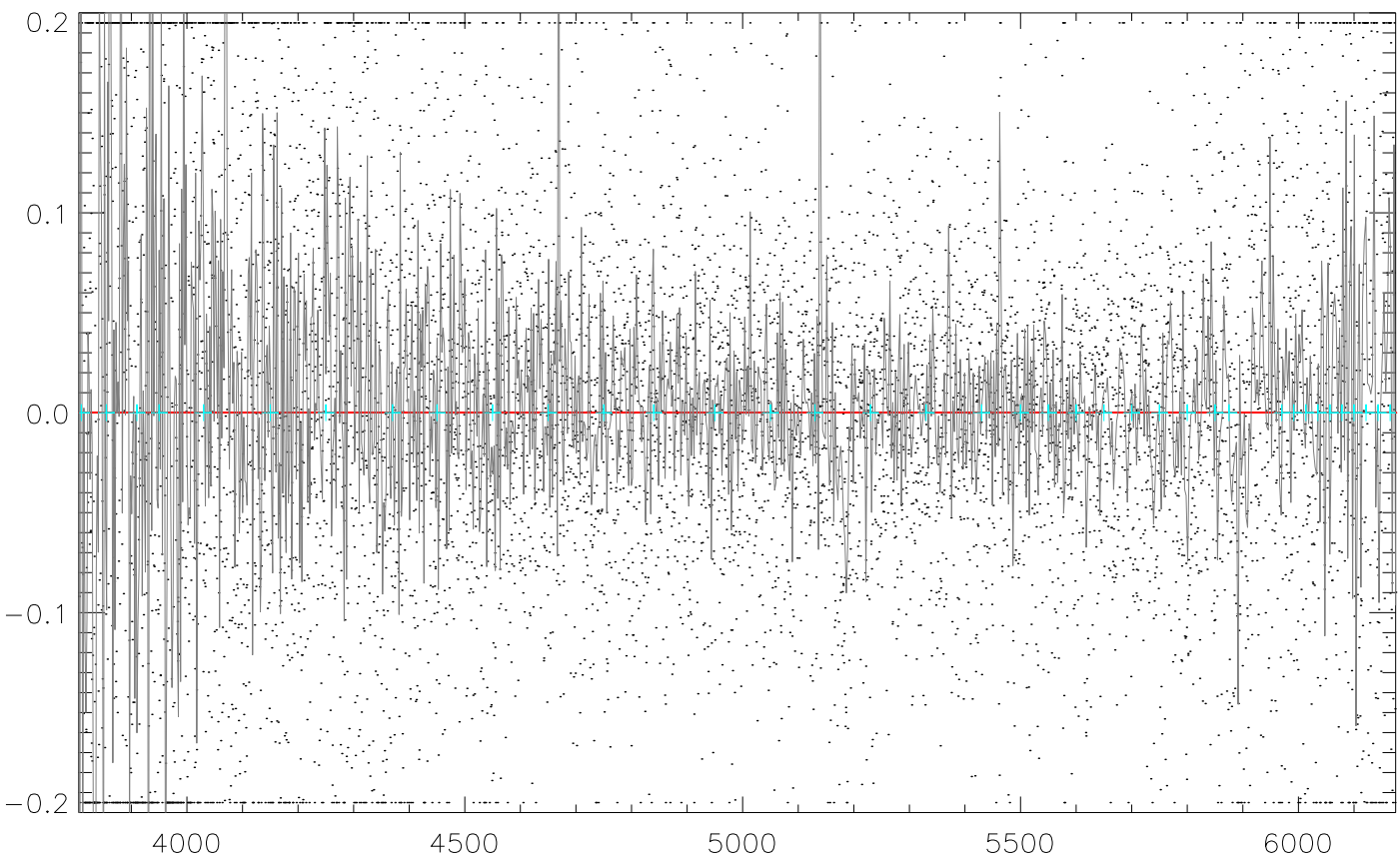

PLATE=0413 MJD=51929 Spectro−Photo Calib for b2−00008319
Counts/(10^−17 erg/cm^2/s/Ang
7
6
5
4
4000
4200
4400
4600
4800
Wavelength [Ang]
Counts/(10^−17 erg/cm^2/s/Ang
35
30
25
20
15
10
5
5000
5200
5400
5600
5800
6000
Wavelength [Ang]

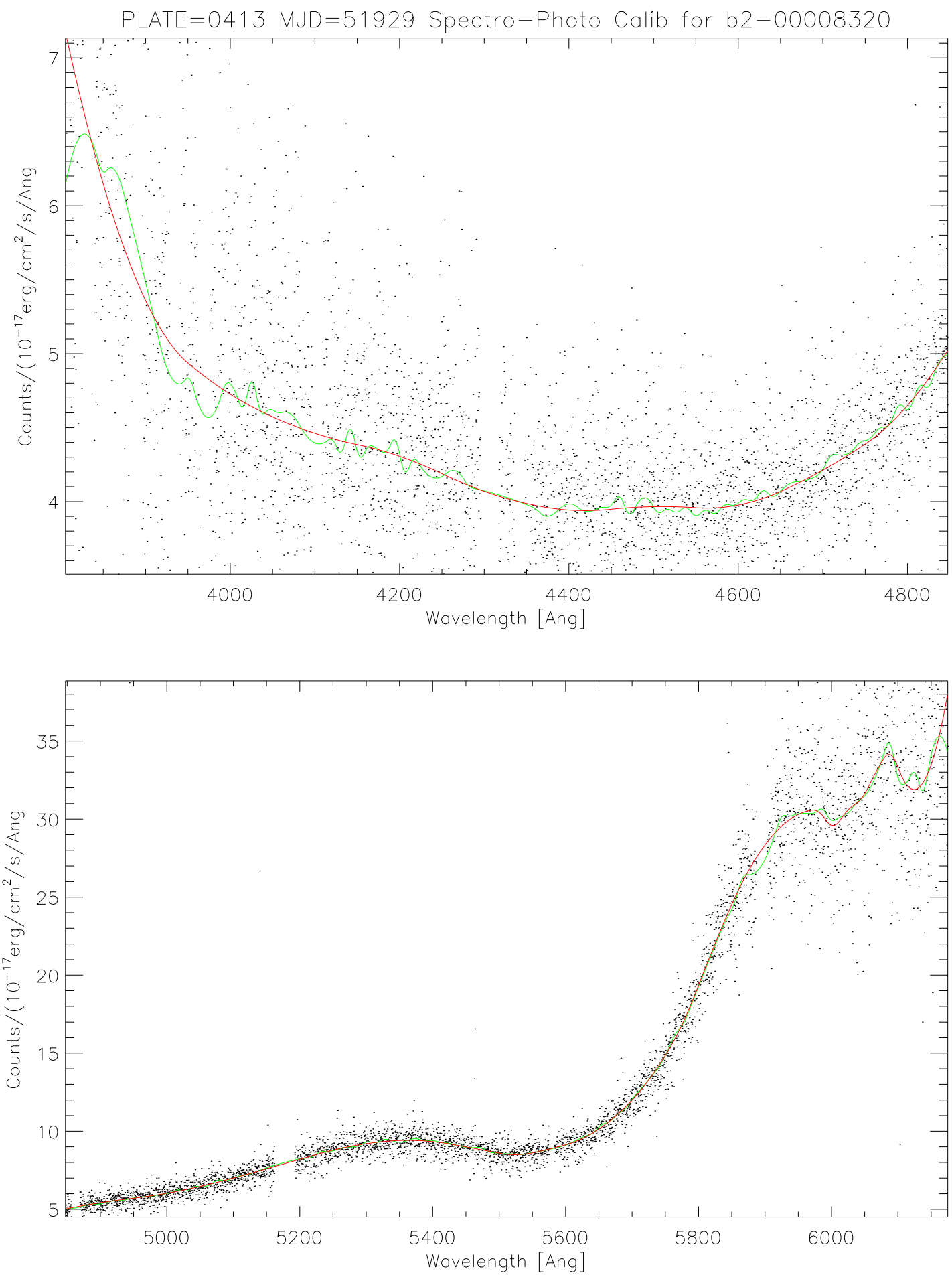

60
50
40
30
20
10
0
6000
6500
7000
7500
8000
8500
9000

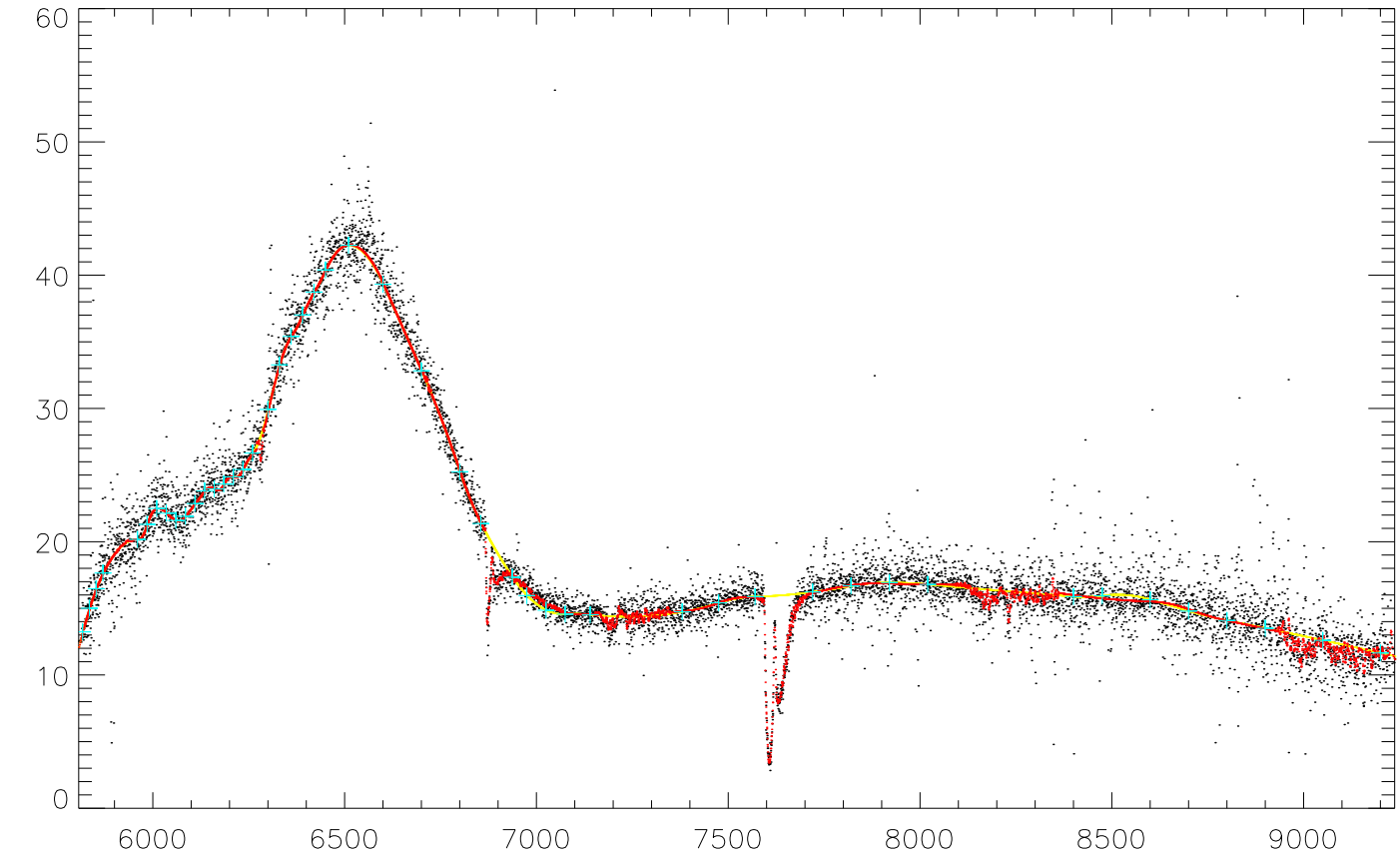

0.2
0.1
0.0
−0.1
−0.2
6000
6500
7000
7500
8000
8500
9000

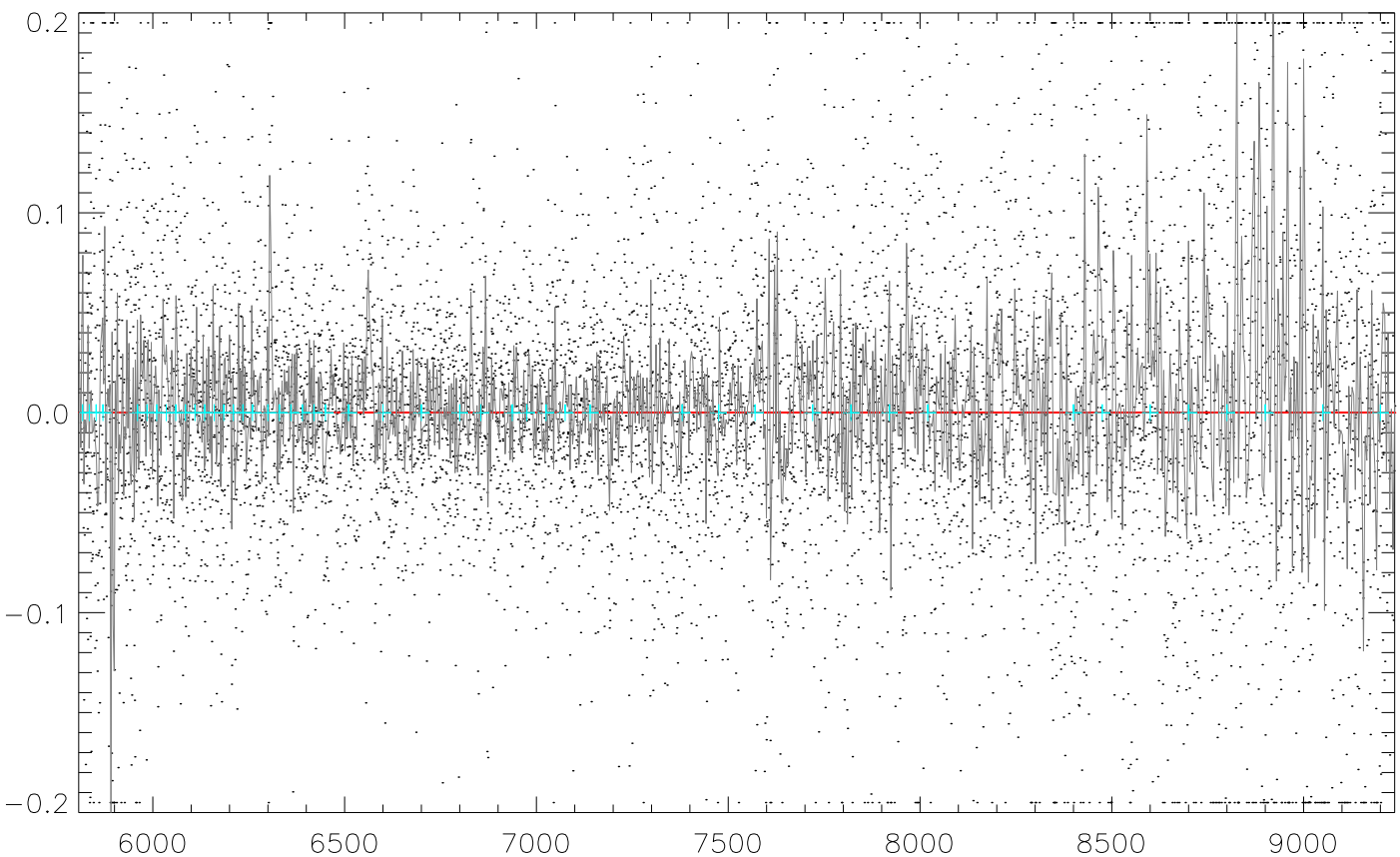

PLATE=0413 MJD=51929 Spectro−Photo Calib for r2−00008319
Counts/(10^-17 erg/cm^2/s/Ang
40
30
20
6000
6200
6400
6600
6800
7000
7200
Wavelength [Ang]
Counts/(10^-17 erg/cm^2/s/Ang
15
10
5
7500
8000
8500
9000
Wavelength [Ang]

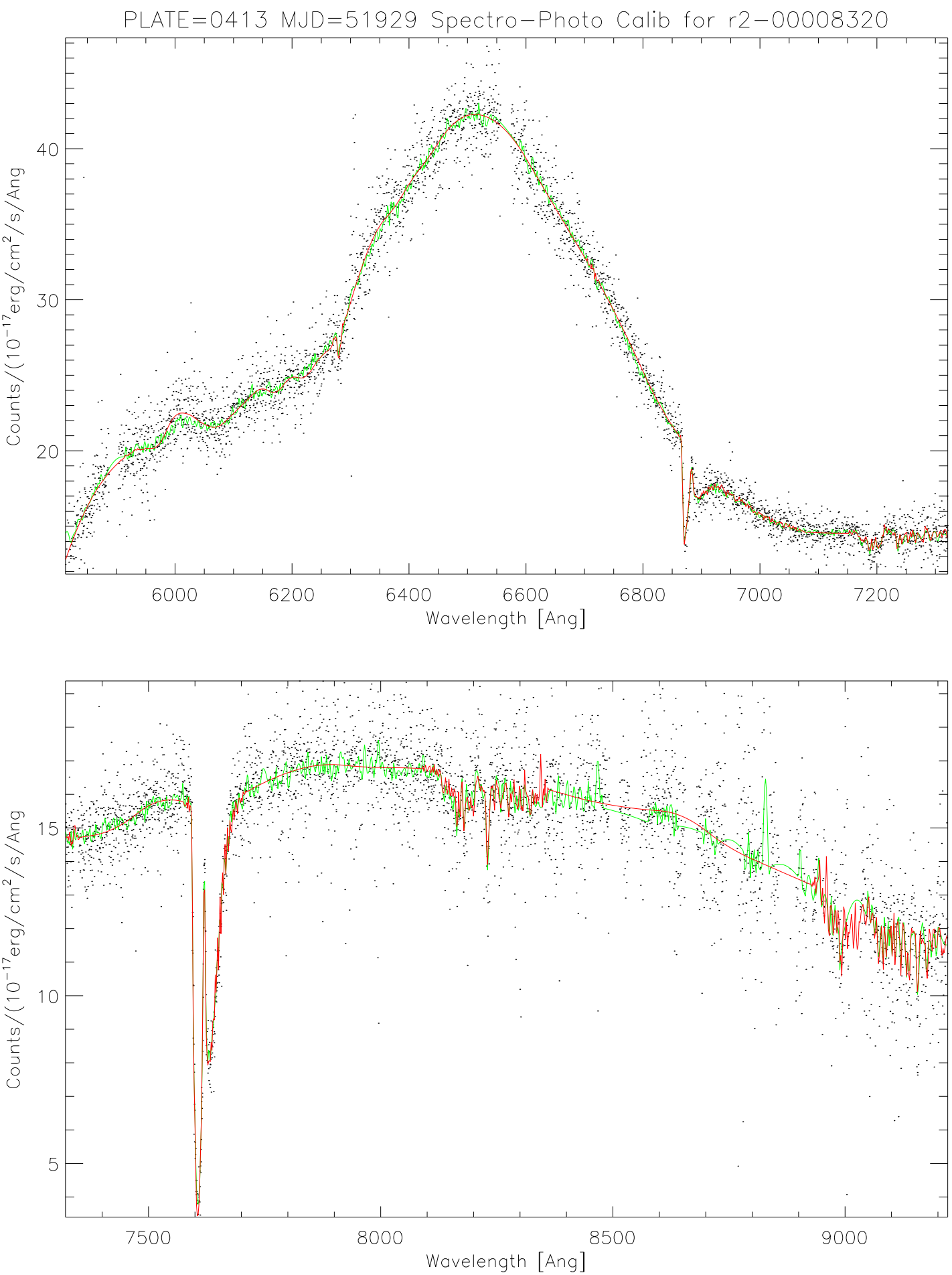

50
40
30
20
10
0
4000
4500
5000
5500
6000


0.2
0.1
0.0
−0.1
−0.2
4000
4500
5000
5500
6000


PLATE=0413 MJD=51929 Spectro−Photo Calib for b2−00008320
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
4000
4200
4400
4600
4800
5000
5200
5400
5600
5800
6000
4
5
6
7
10
15
20
25
30
35


60
50
40
30
20
10
0
6000
6500
7000
7500
8000
8500
9000


0.2
0.1
0.0
−0.1
−0.2
6000
6500
7000
7500
8000
8500
9000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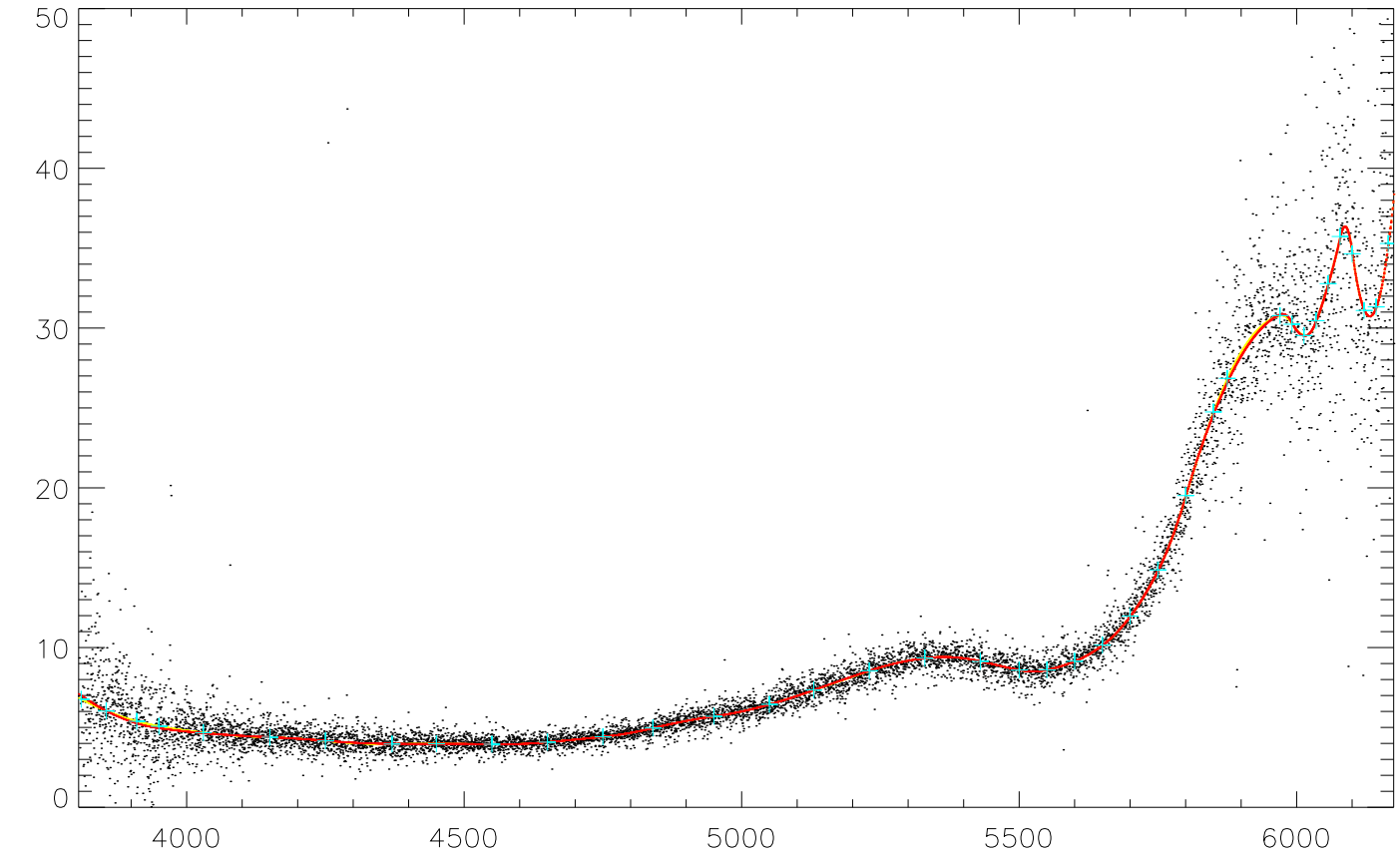
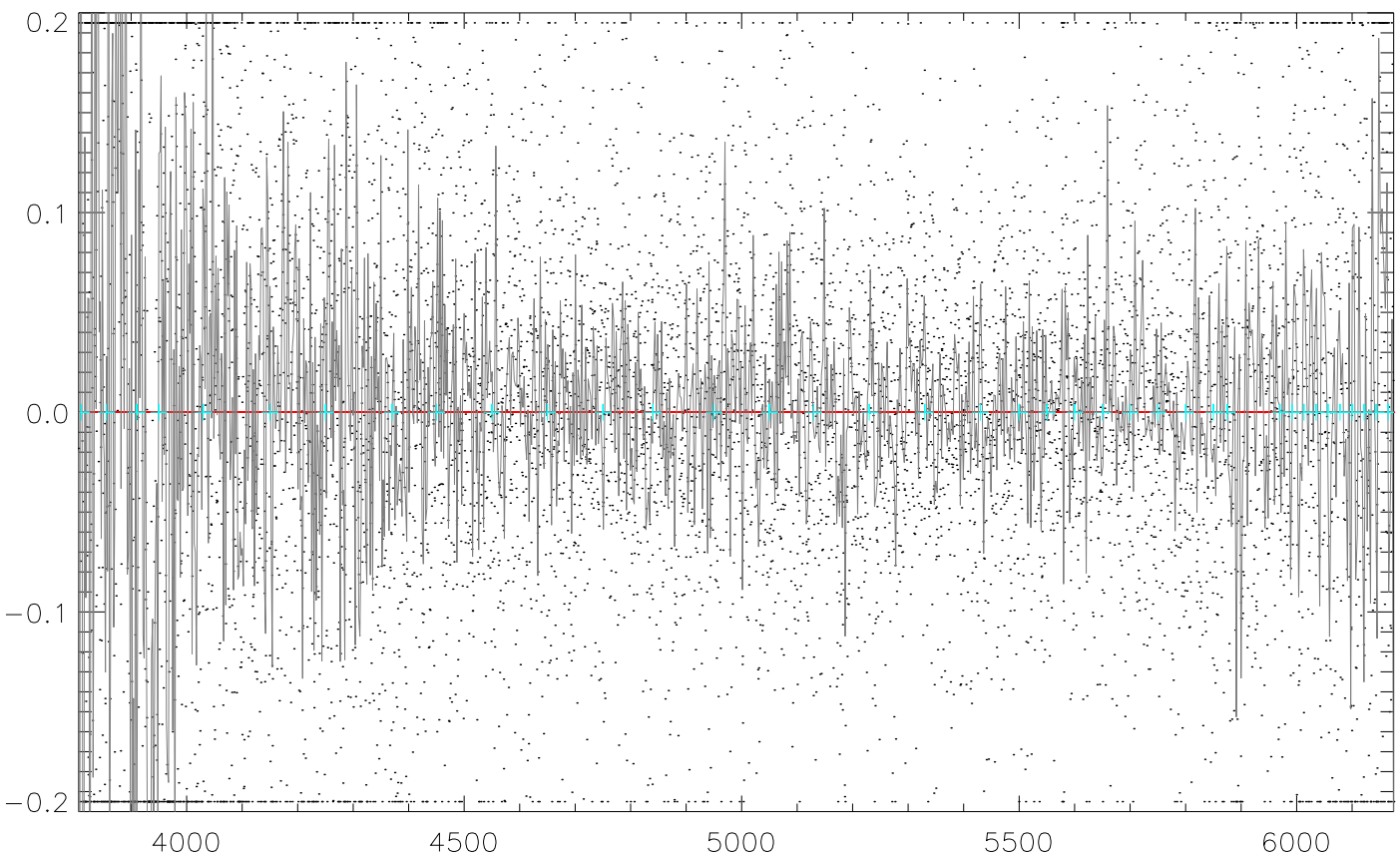
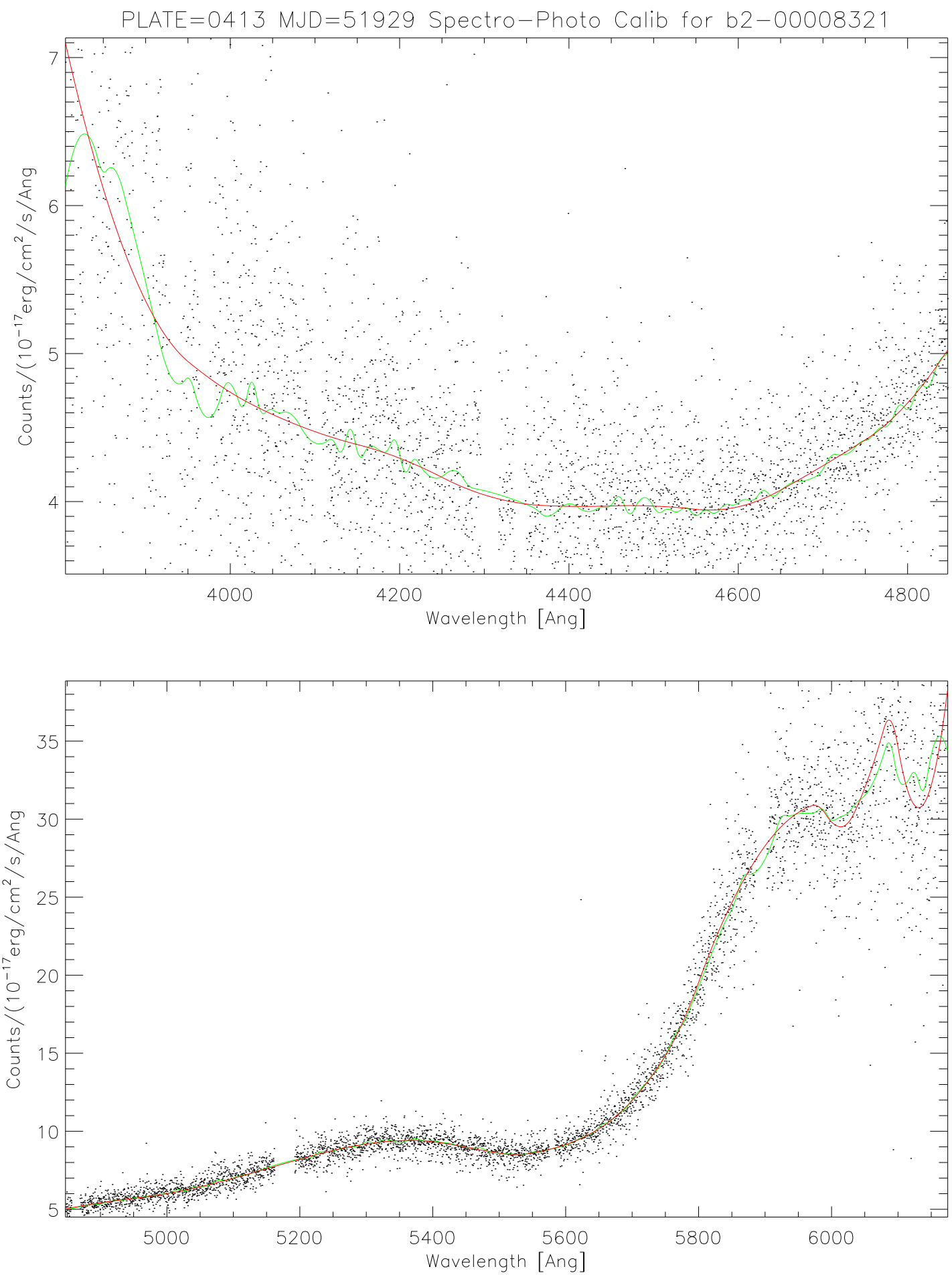
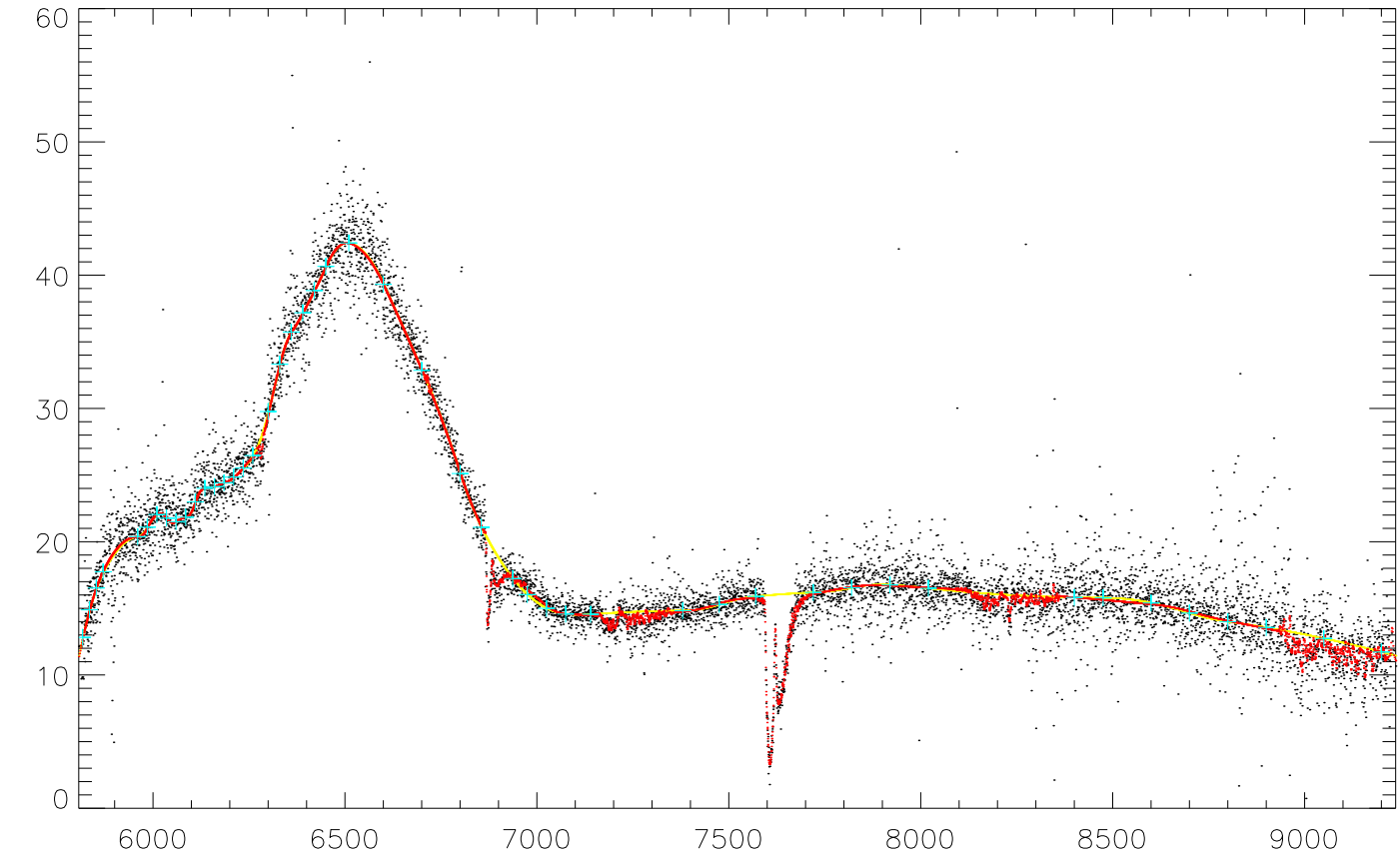
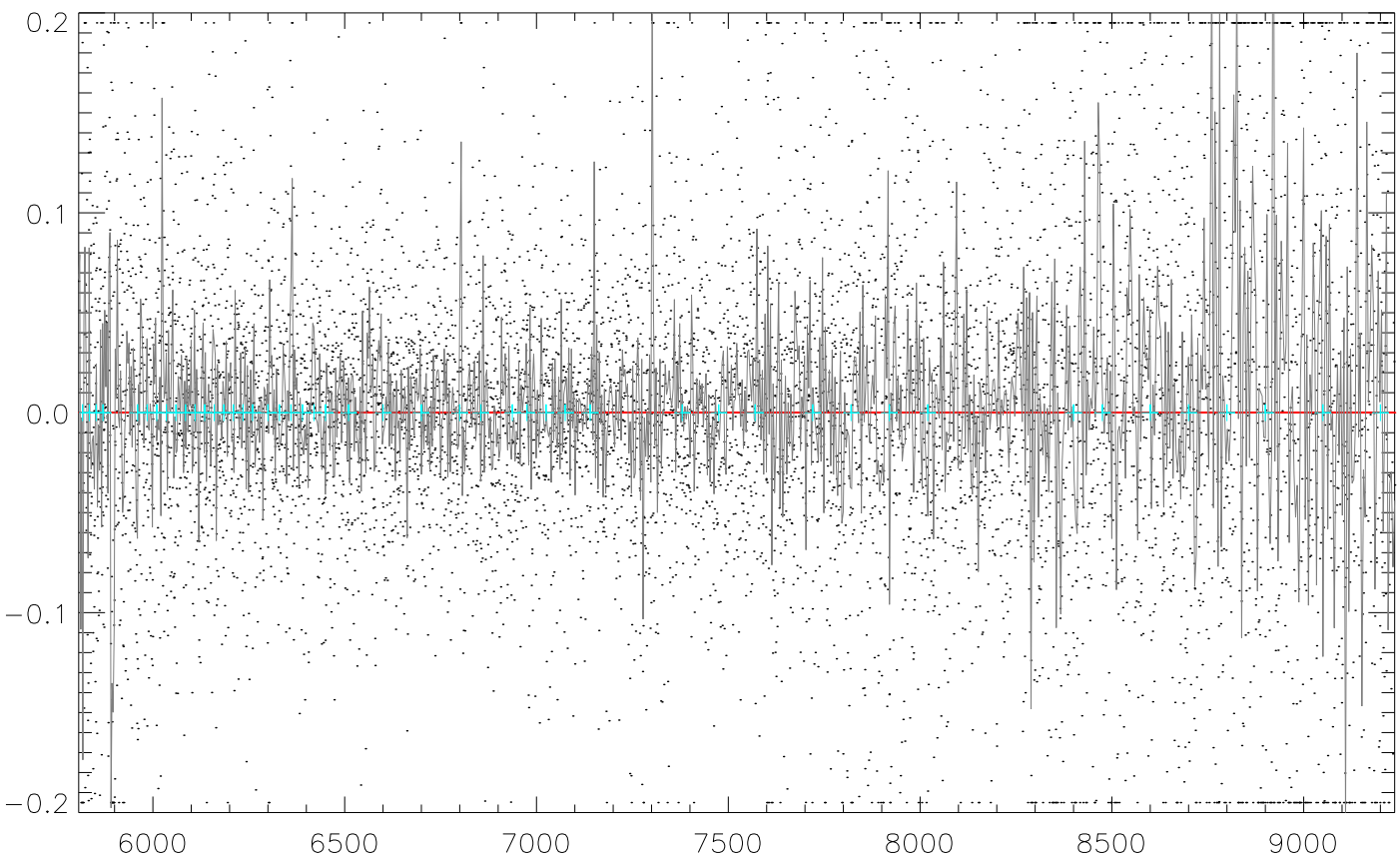
Counts/(10^-17 erg/cm^2/s/Ang
40
30
20
6000
6200
6400
6600
6800
7000
7200
Wavelength [Ang]
Counts/(10^-17 erg/cm^2/s/Ang
15
10
5
7500
8000
8500
9000
Wavelength [Ang]

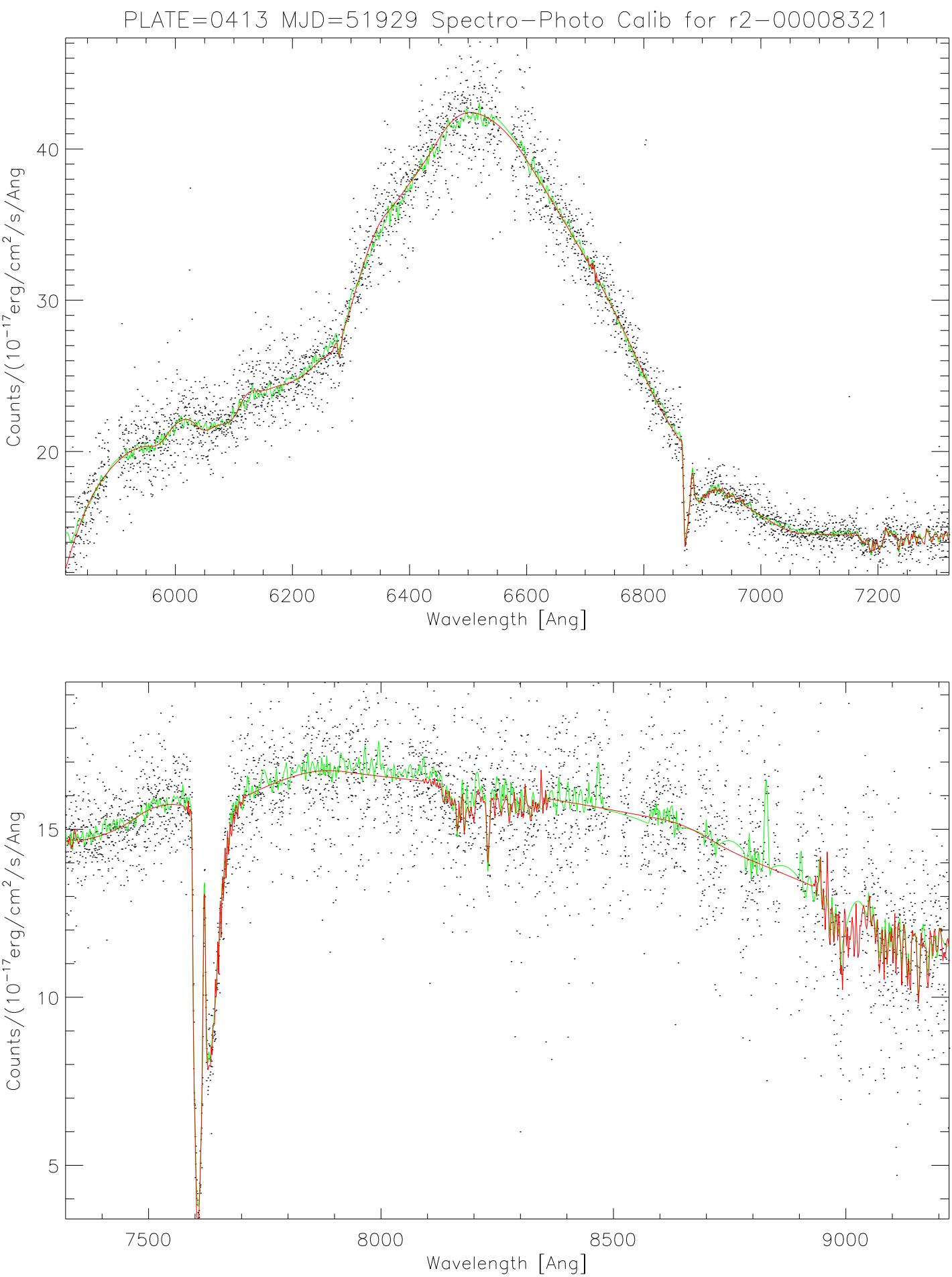

50
40
30
20
10
0
4000
4500
5000
5500
6000


0.2
0.1
0.0
−0.1
−0.2
4000
4500
5000
5500
6000


PLATE=0413 MJD=51929 Spectro−Photo Calib for b2−00008321
Counts/(10^-17 erg/cm^2/s/Ang
7
6
5
4
4000
4200
4400
4600
4800
Wavelength [Ang]
Counts/(10^-17 erg/cm^2/s/Ang
35
30
25
20
15
10
5
5000
5200
5400
5600
5800
6000
Wavelength [Ang]


60
50
40
30
20
10
0
6000
6500
7000
7500
8000
8500
9000


0.2
0.1
0.0
−0.1
−0.2
6000
6500
7000
7500
8000
8500
9000


PLATE=0413 MJD=51929 Spectro−Photo Calib for r2−00008321
Counts/(10^-17 erg/cm^2/s/Ang
40
30
20
6000
6200
6400
6600
6800
7000
7200
Wavelength [Ang]
Counts/(10^-17 erg/cm^2/s/Ang
15
10
5
7500
8000
8500
9000
Wavelength [Ang]