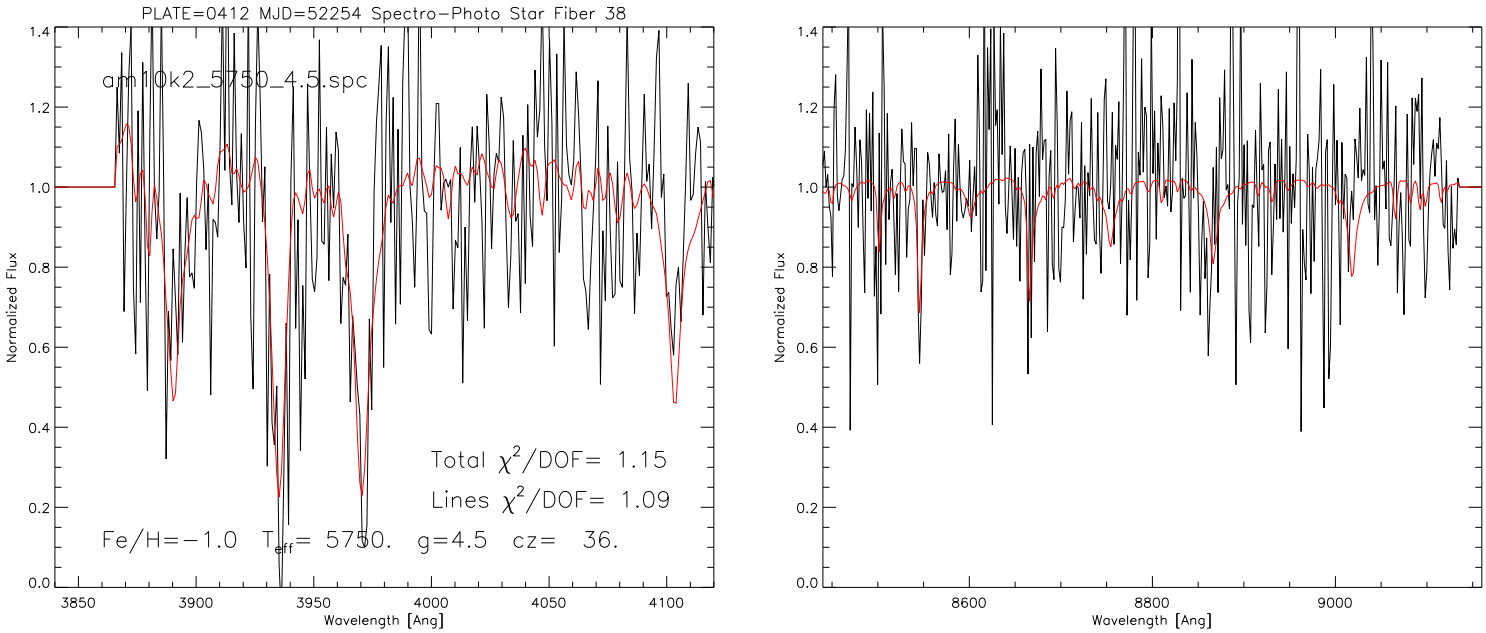
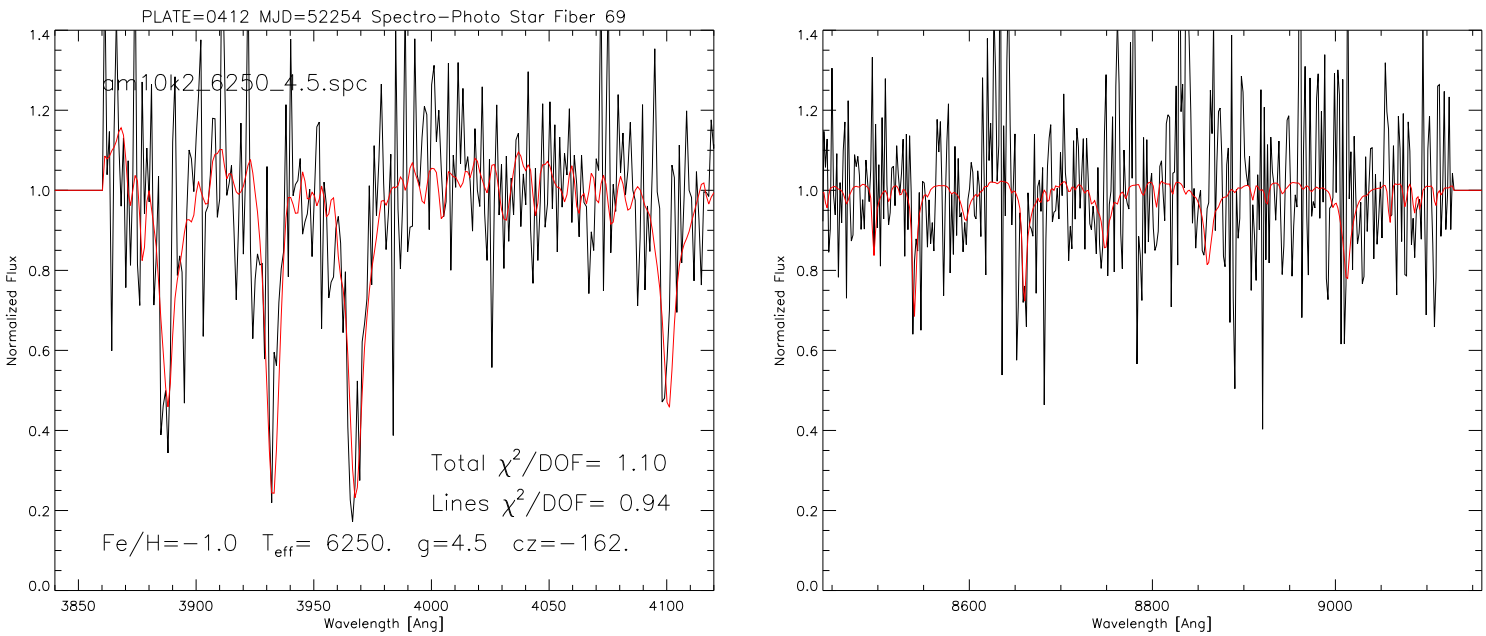
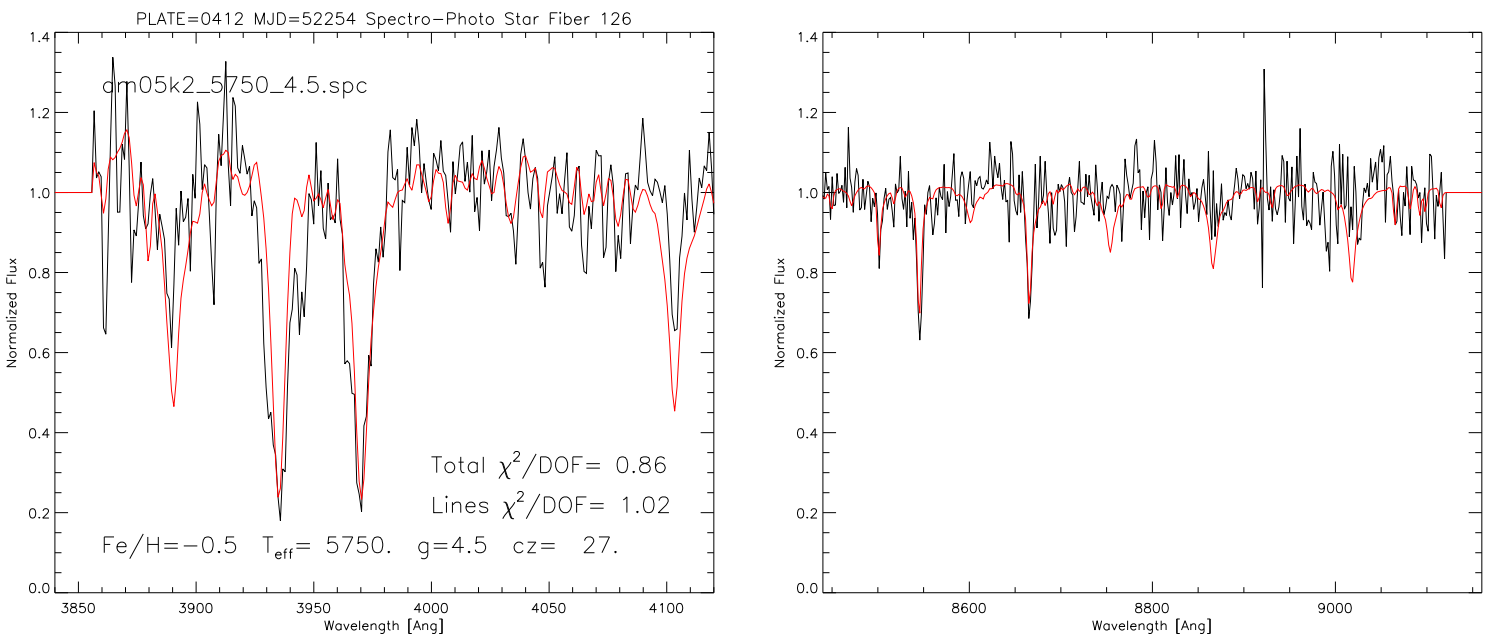
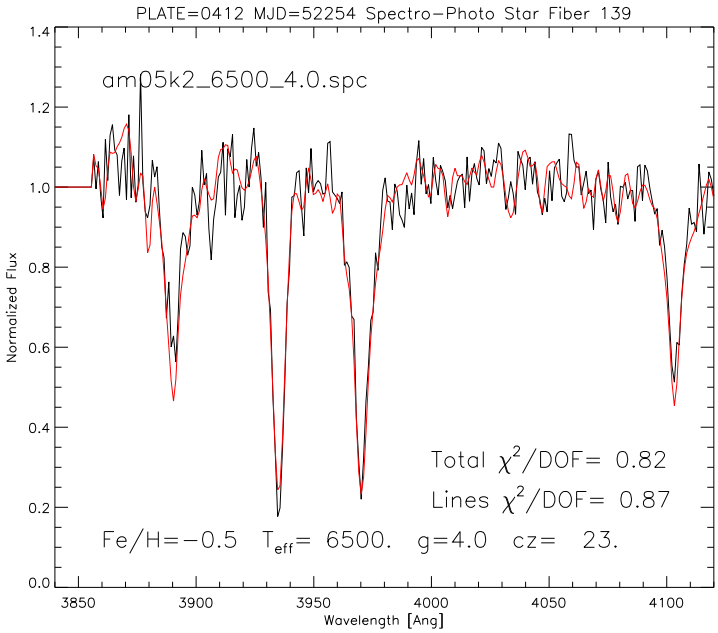
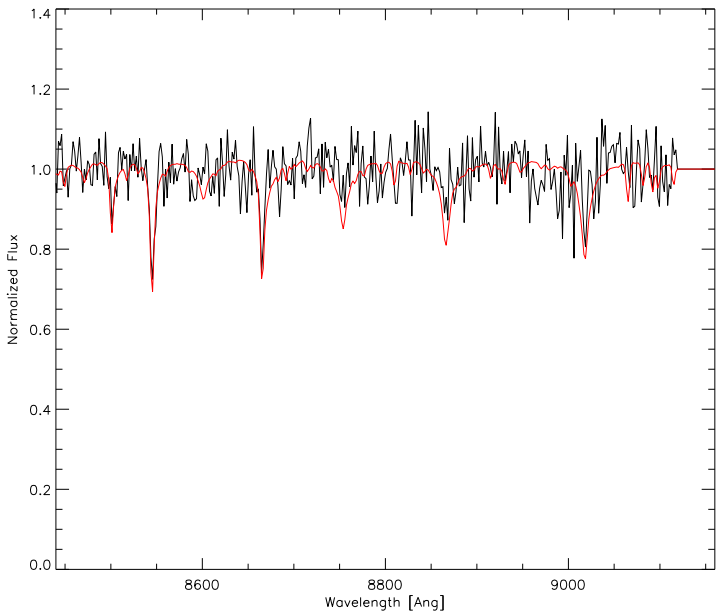
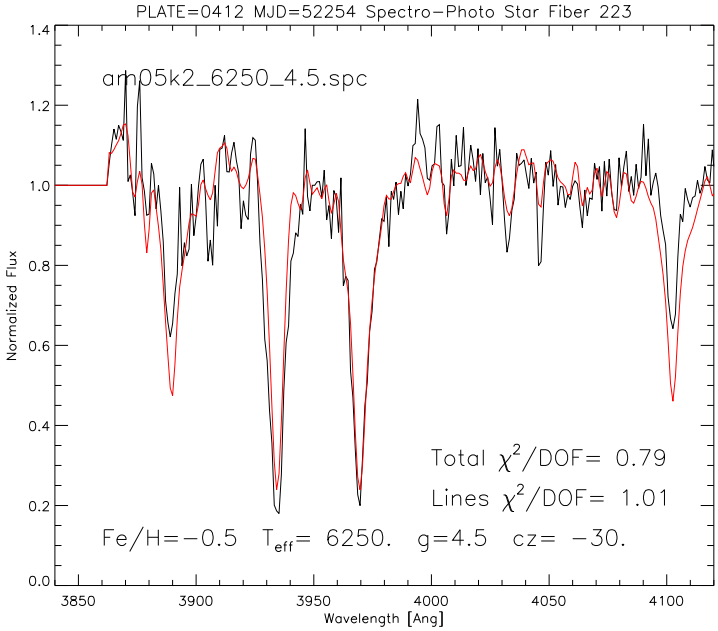

PLATE=0412 MJD=52254 Spectro-Photo Star Fiber 38
am10k2_5750_4.5.spc
Total $\chi^2$/DOF= 1.15
Lines $\chi^2$/DOF= 1.09
Fe/H=-1.0 $T_{eff}$= 5750. g=4.5 cz= 36.
Normalized Flux
Wavelength [Ang]

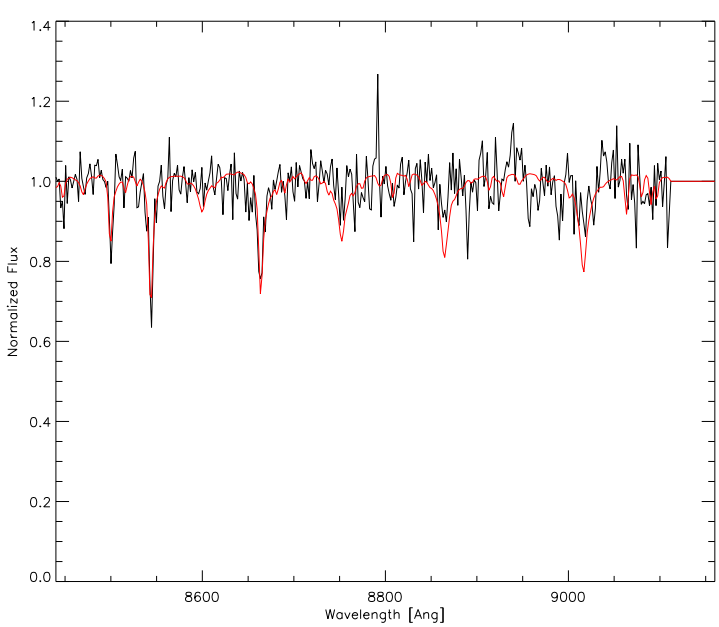

PLATE=0412 MJD=52254 Spectro-Photo Star Fiber 69
am10k2_6250_4.5.spc
Total $\chi^2$/DOF= 1.10
Lines $\chi^2$/DOF= 0.94
Fe/H=-1.0 $T_{eff}$= 6250. g=4.5 cz=-162.
Normalized Flux
Wavelength [Ang]

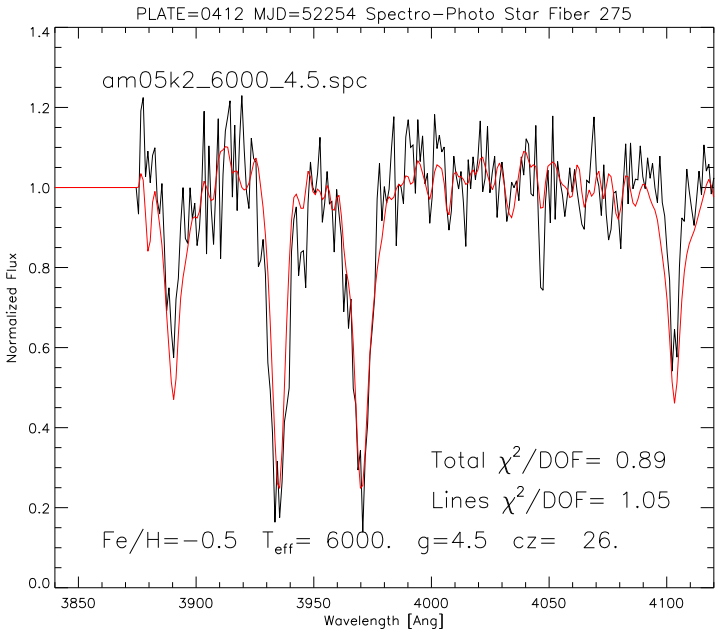

PLATE=0412 MJD=52254 Spectro-Photo Star Fiber 126
am05k2_5750_4.5.spc
Total $\chi^2$/DOF= 0.86
Lines $\chi^2$/DOF= 1.02
Fe/H=-0.5 $T_{eff}$= 5750. g=4.5 cz= 27.
Normalized Flux
Wavelength [Ang]

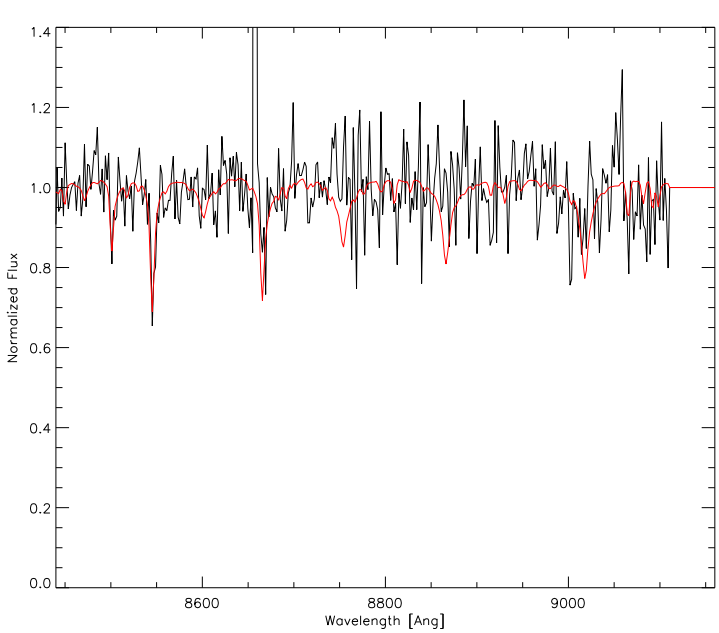

PLATE=0412 MJD=52254 Spectro-Photo Star Fiber 139
am05k2_6500_4.0.spc
Total $\chi^2$/DOF= 0.82
Lines $\chi^2$/DOF= 0.87
Fe/H=−0.5 $T_{eff}$= 6500. g=4.0 cz= 23.
Normalized Flux
Wavelength [Ang]

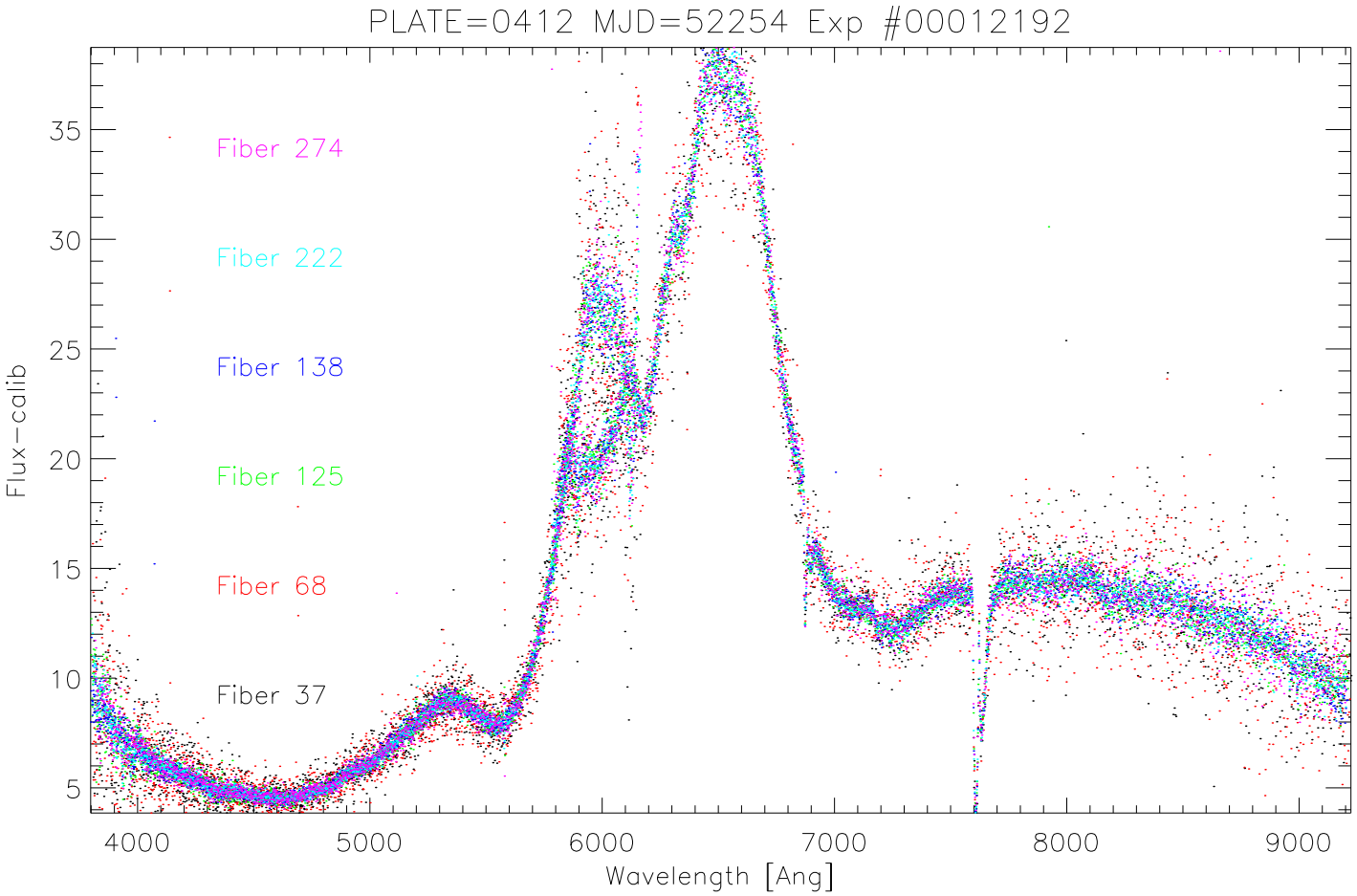

Normalized Flux
Wavelength [Ang]

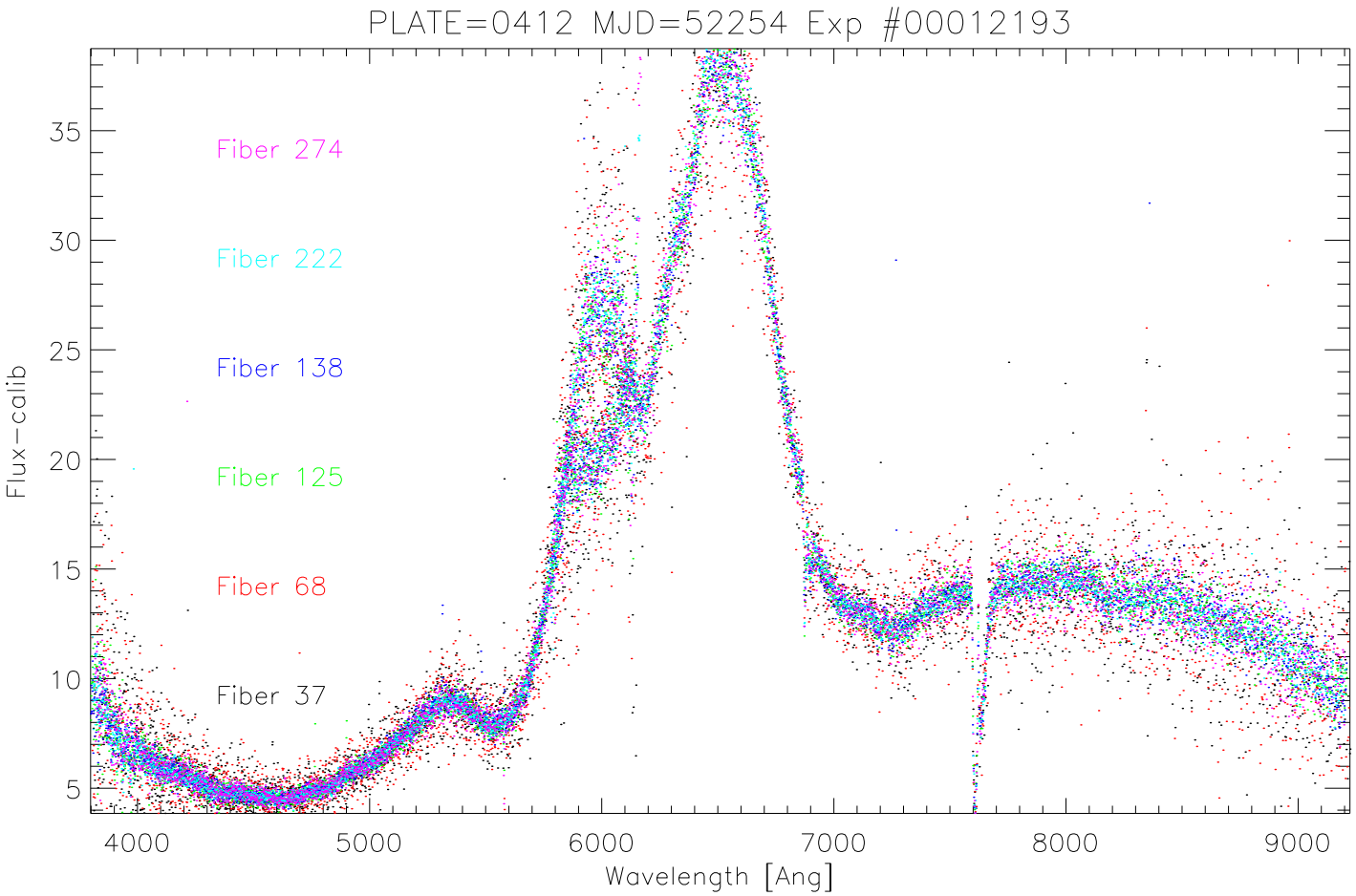

PLATE=0412 MJD=52254 Spectro-Photo Star Fiber 223
am05k2_6250_4.5.spc
Total $\chi^2$/DOF= 0.79
Lines $\chi^2$/DOF= 1.01
Fe/H=−0.5 $T_{eff}$= 6250. g=4.5 cz= −30.
Normalized Flux
Wavelength [Ang]

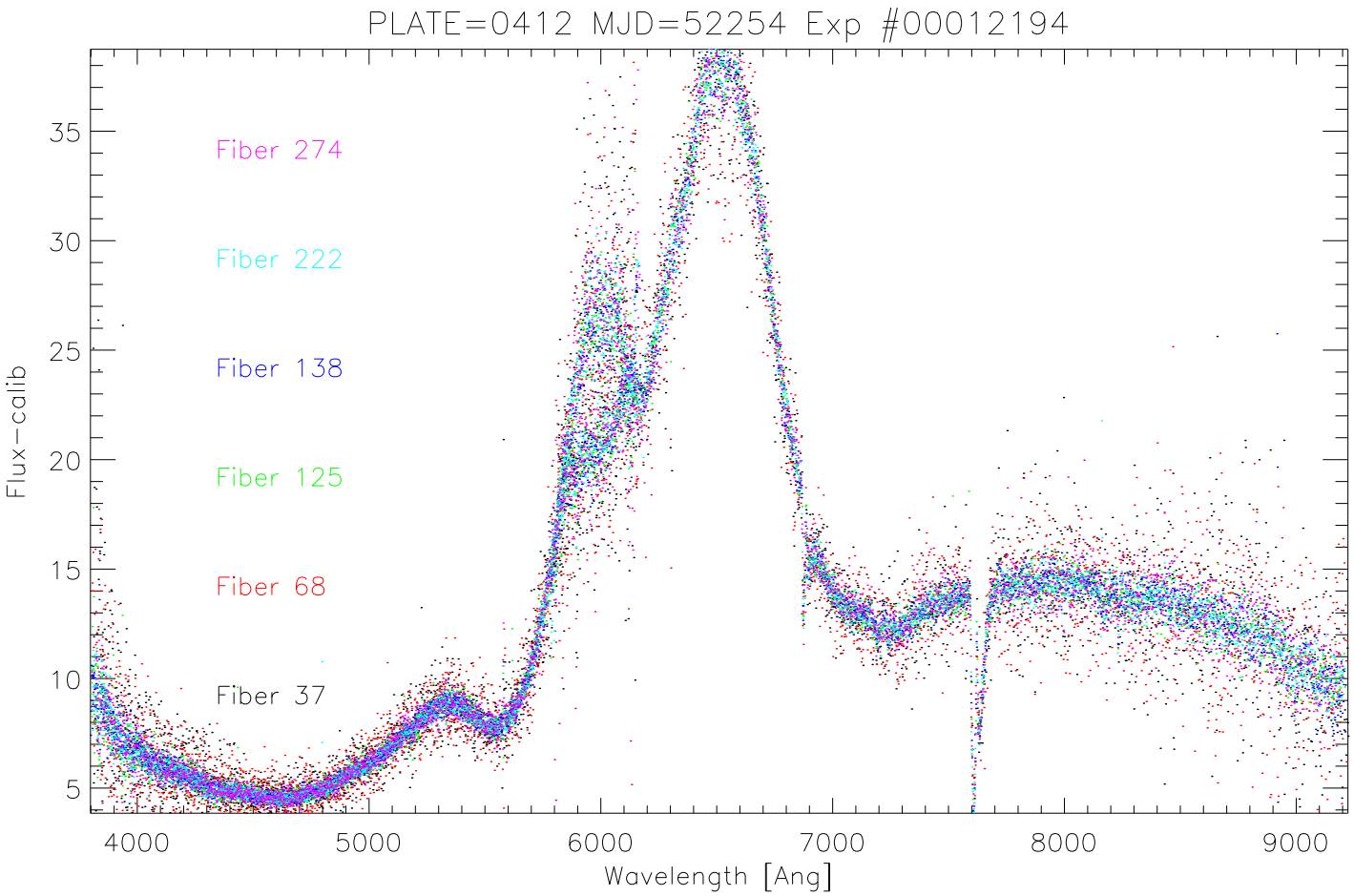

Normalized Flux
Wavelength [Ang]

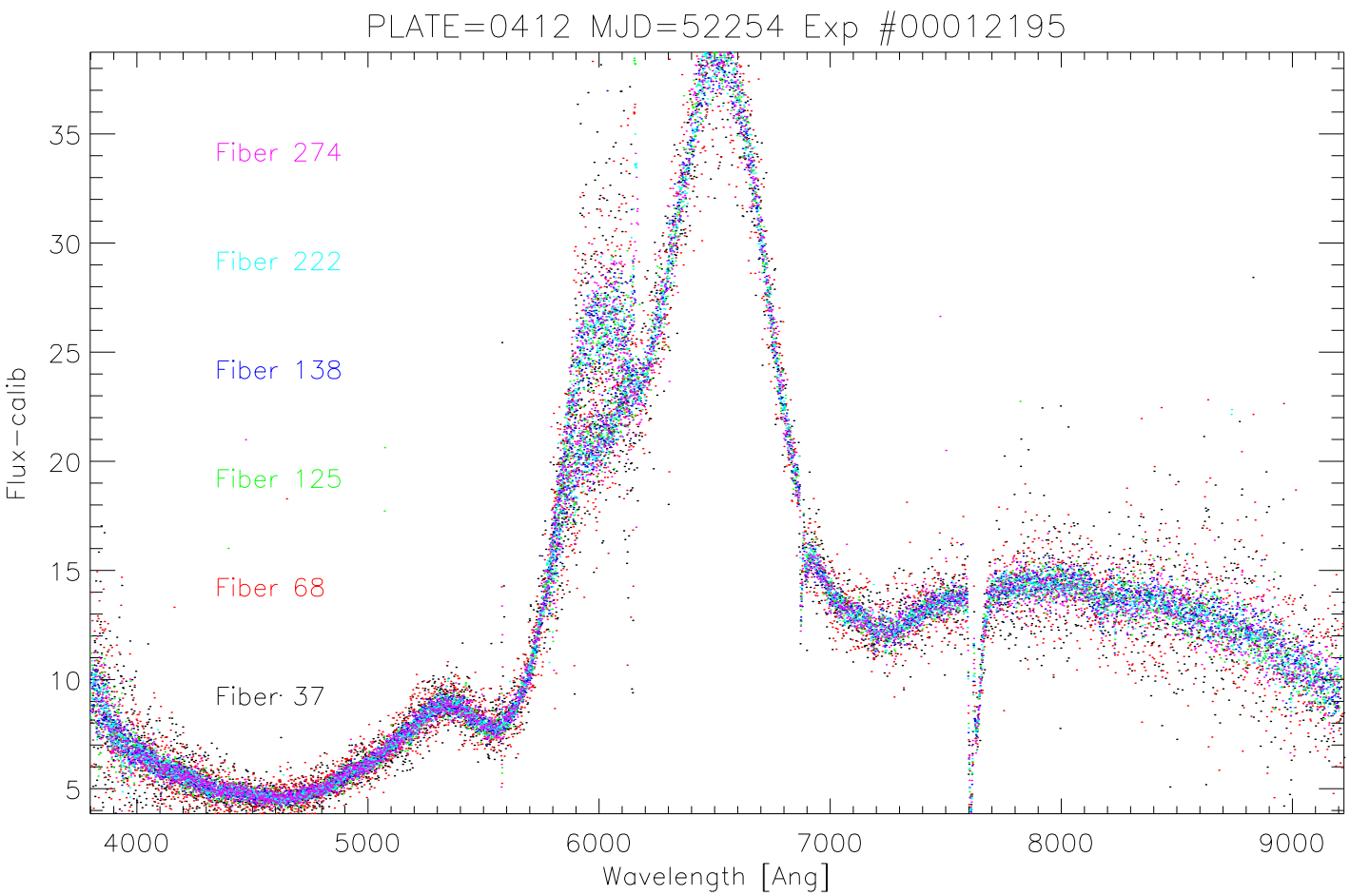

PLATE=0412 MJD=52254 Spectro-Photo Star Fiber 275
am05k2_6000_4.5.spc
Total $\chi^2$/DOF= 0.89
Lines $\chi^2$/DOF= 1.05
Fe/H=−0.5 $T_{eff}$= 6000. g=4.5 cz= 26.
Normalized Flux
Wavelength [Ang]

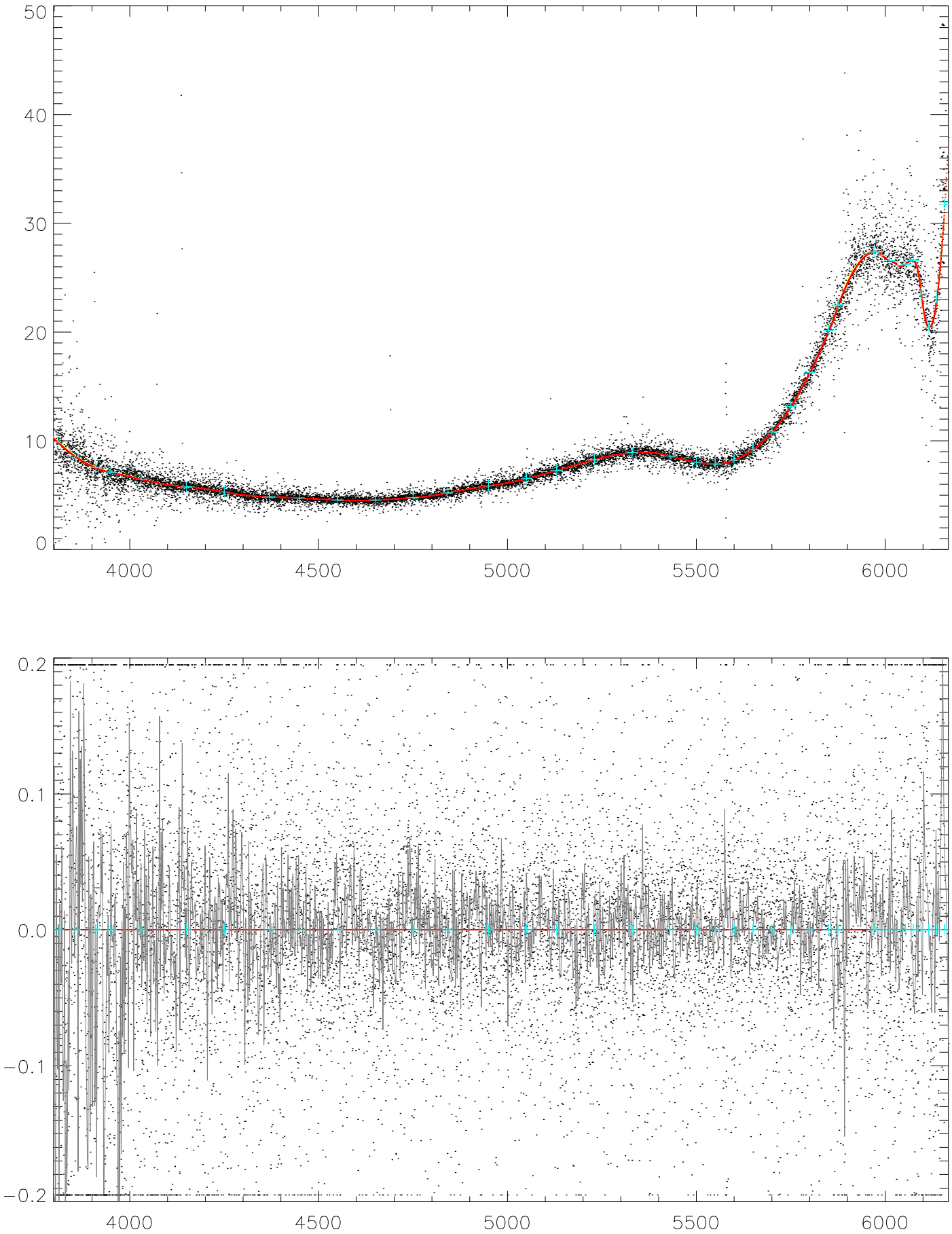

Normalized Flux
Wavelength [Ang]

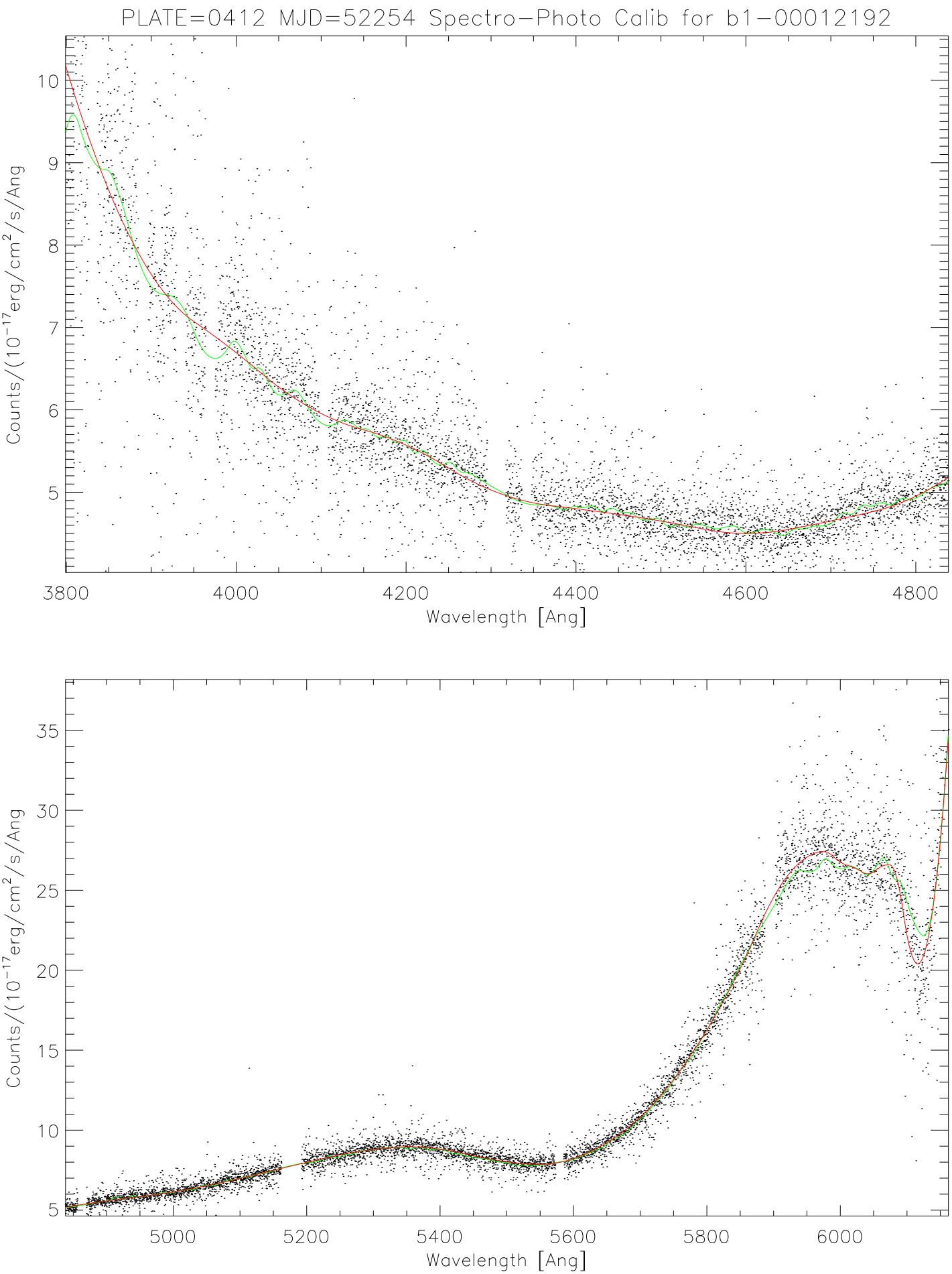

PLATE=0412 MJD=52254 Exp #00012192
Fiber 274
Fiber 222
Fiber 138
Fiber 125
Fiber 68
Fiber 37
Flux−calib
Wavelength [Ang]
5
10
15
20
25
30
35
4000
5000
6000
7000
8000
9000

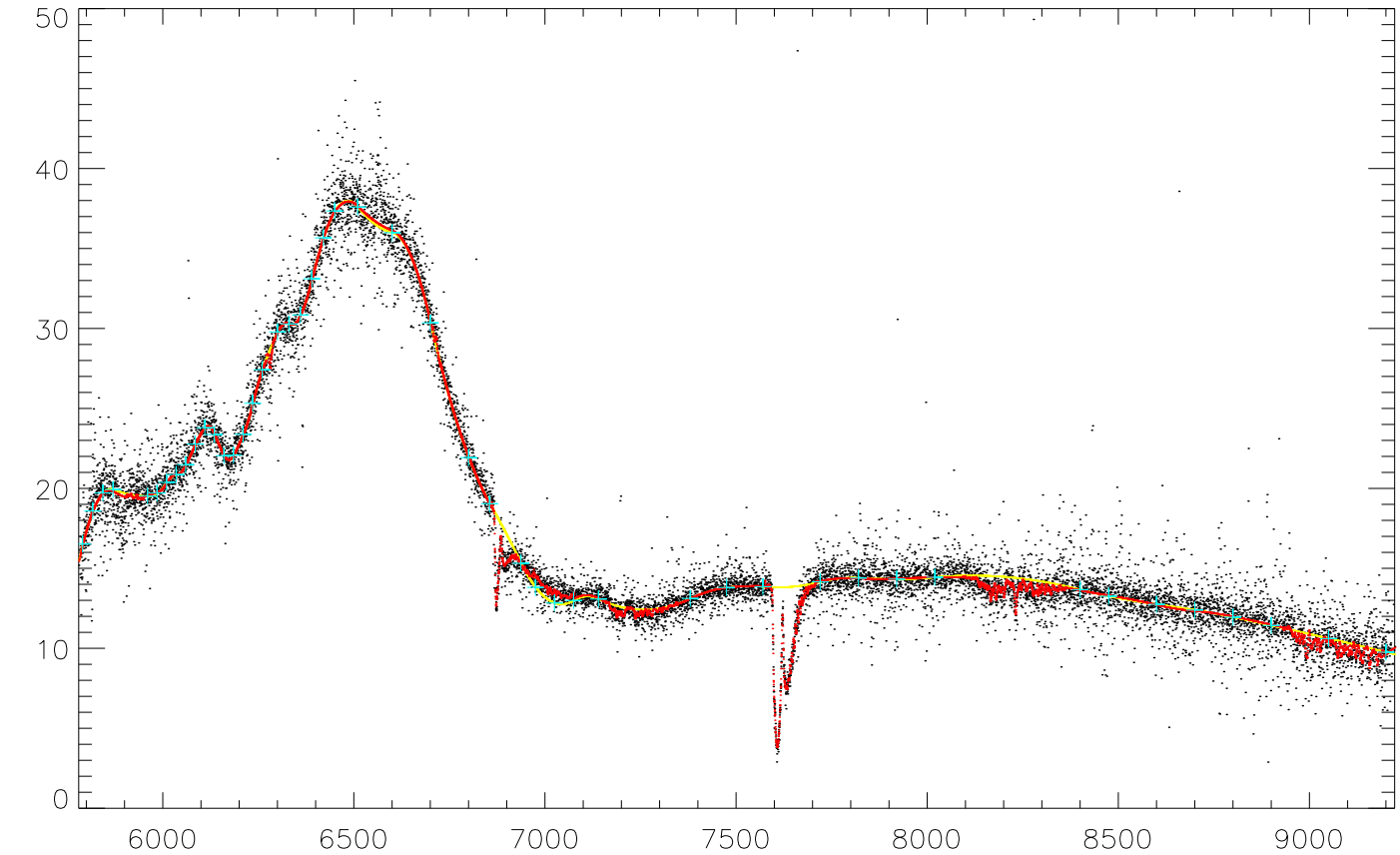

PLATE=0412 MJD=52254 Exp #00012193
Fiber 274
Fiber 222
Fiber 138
Fiber 125
Fiber 68
Fiber 37
Flux−calib
Wavelength [Ang]
5
10
15
20
25
30
35
4000
5000
6000
7000
8000
9000

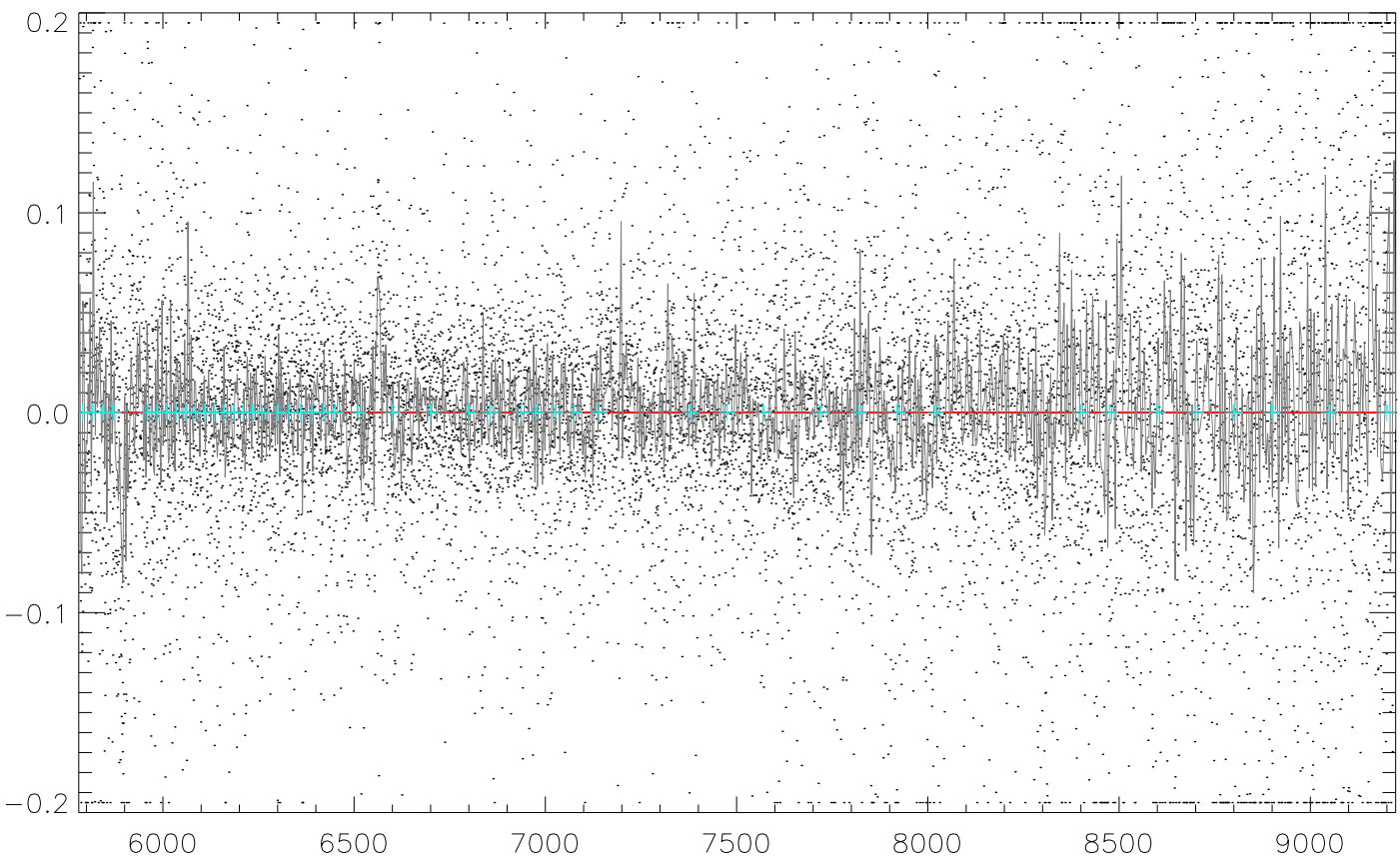

PLATE=0412 MJD=52254 Exp #00012194
Fiber 274
Fiber 222
Fiber 138
Fiber 125
Fiber 68
Fiber 37
Flux−calib
Wavelength [Ang]
5
10
15
20
25
30
35
4000
5000
6000
7000
8000
9000

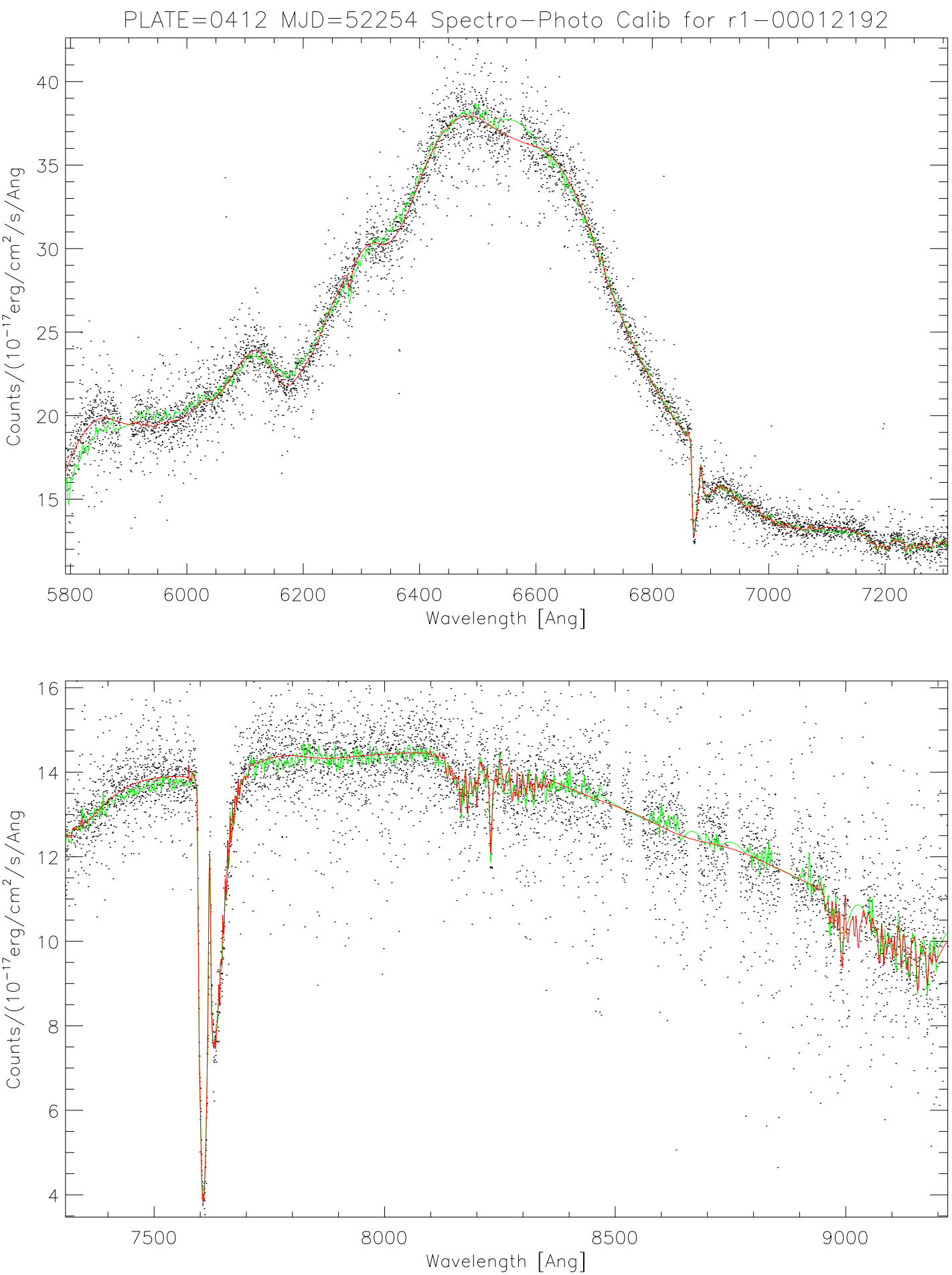

PLATE=0412 MJD=52254 Exp #00012195
Fiber 274
Fiber 222
Fiber 138
Fiber 125
Fiber 68
Fiber 37
Flux−calib
Wavelength [Ang]
5
10
15
20
25
30
35
4000
5000
6000
7000
8000
9000

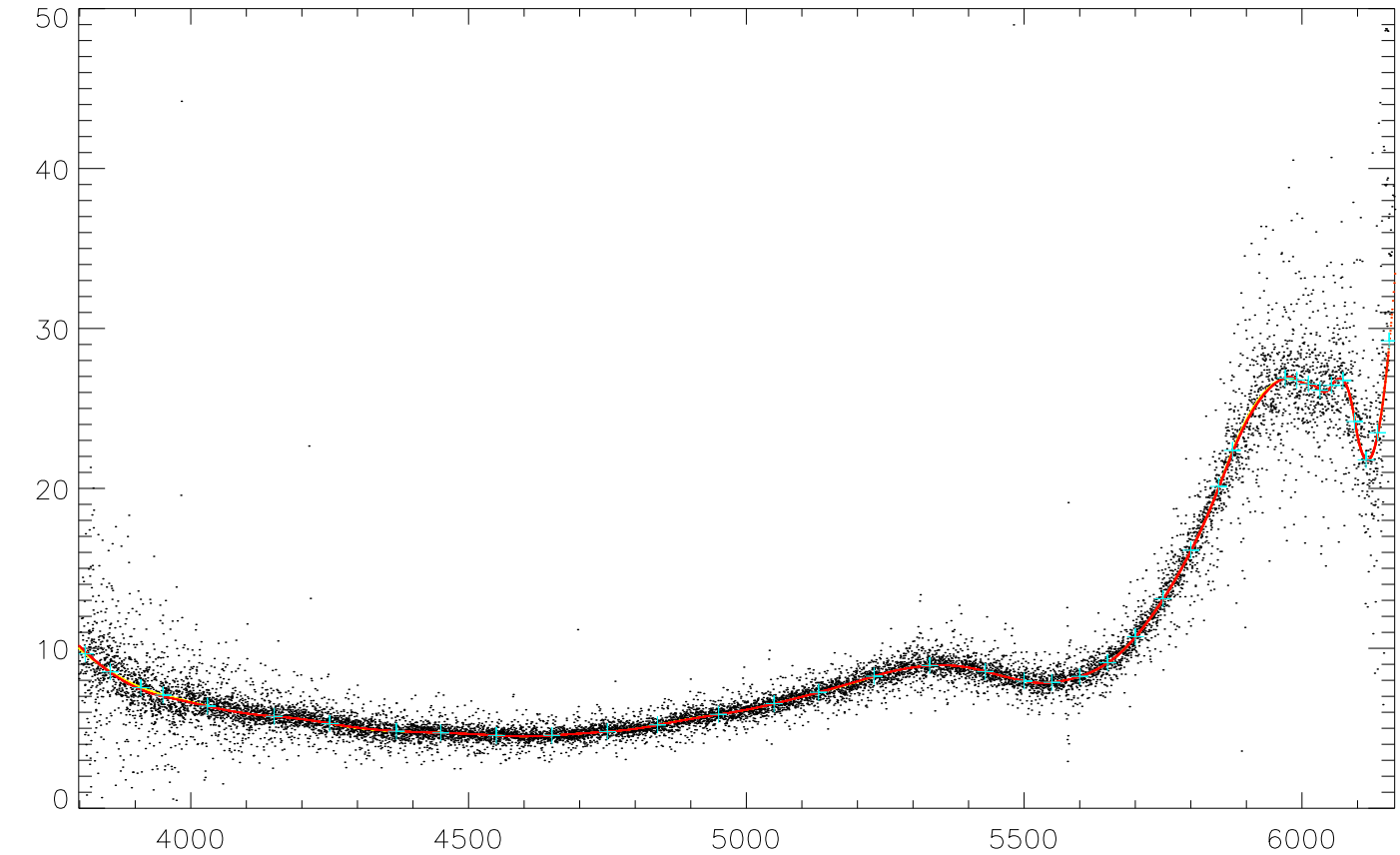

50
40
30
20
10
0
4000
4500
5000
5500
6000
0.2
0.1
0.0
−0.1
−0.2
4000
4500
5000
5500
6000

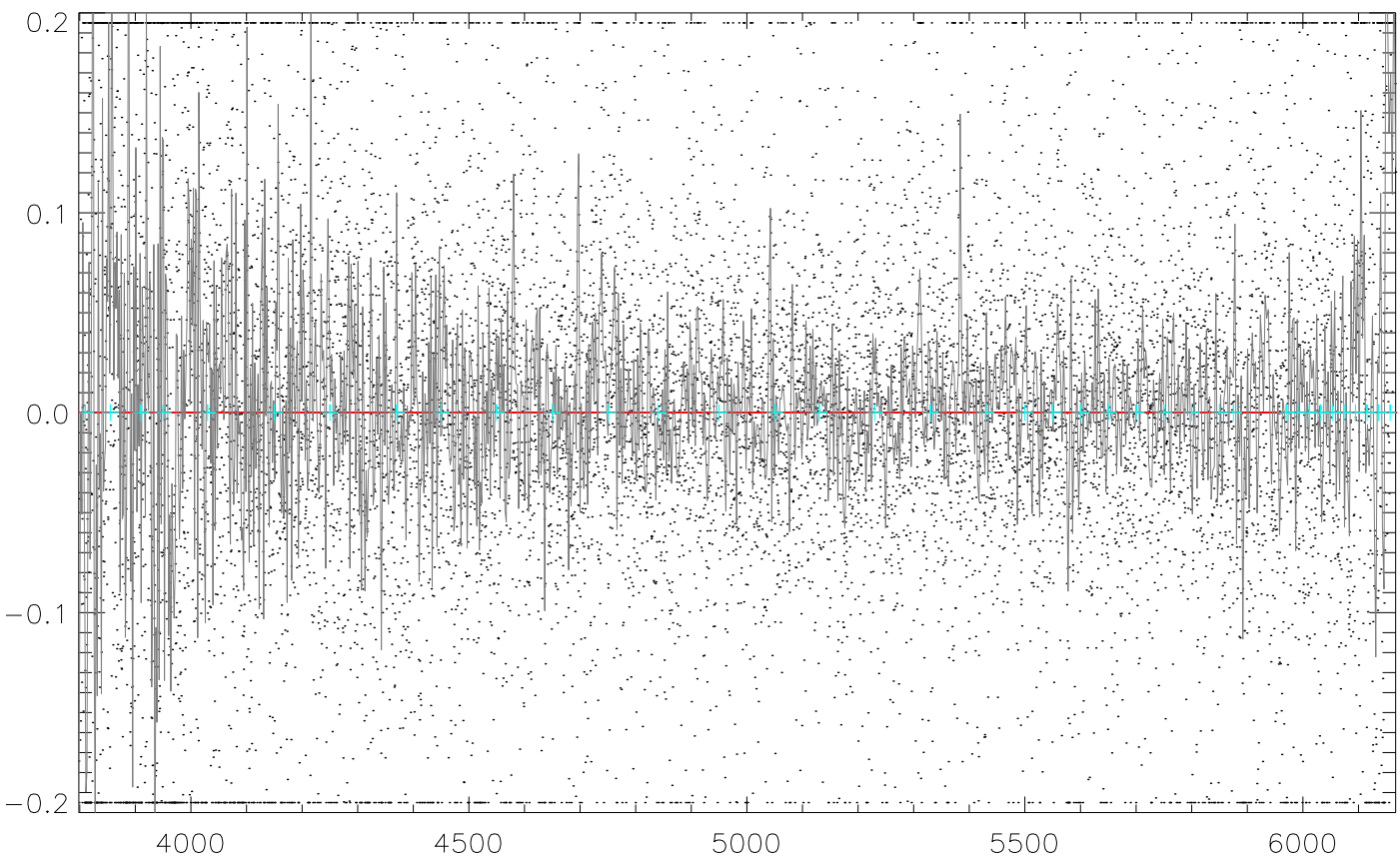

PLATE=0412 MJD=52254 Spectro−Photo Calib for b1−00012192
Counts/(10^-17erg/cm^2/s/Ang
Wavelength [Ang]
3800
4000
4200
4400
4600
4800
5
6
7
8
9
10
Counts/(10^-17erg/cm^2/s/Ang
Wavelength [Ang]
5000
5200
5400
5600
5800
6000
5
10
15
20
25
30
35

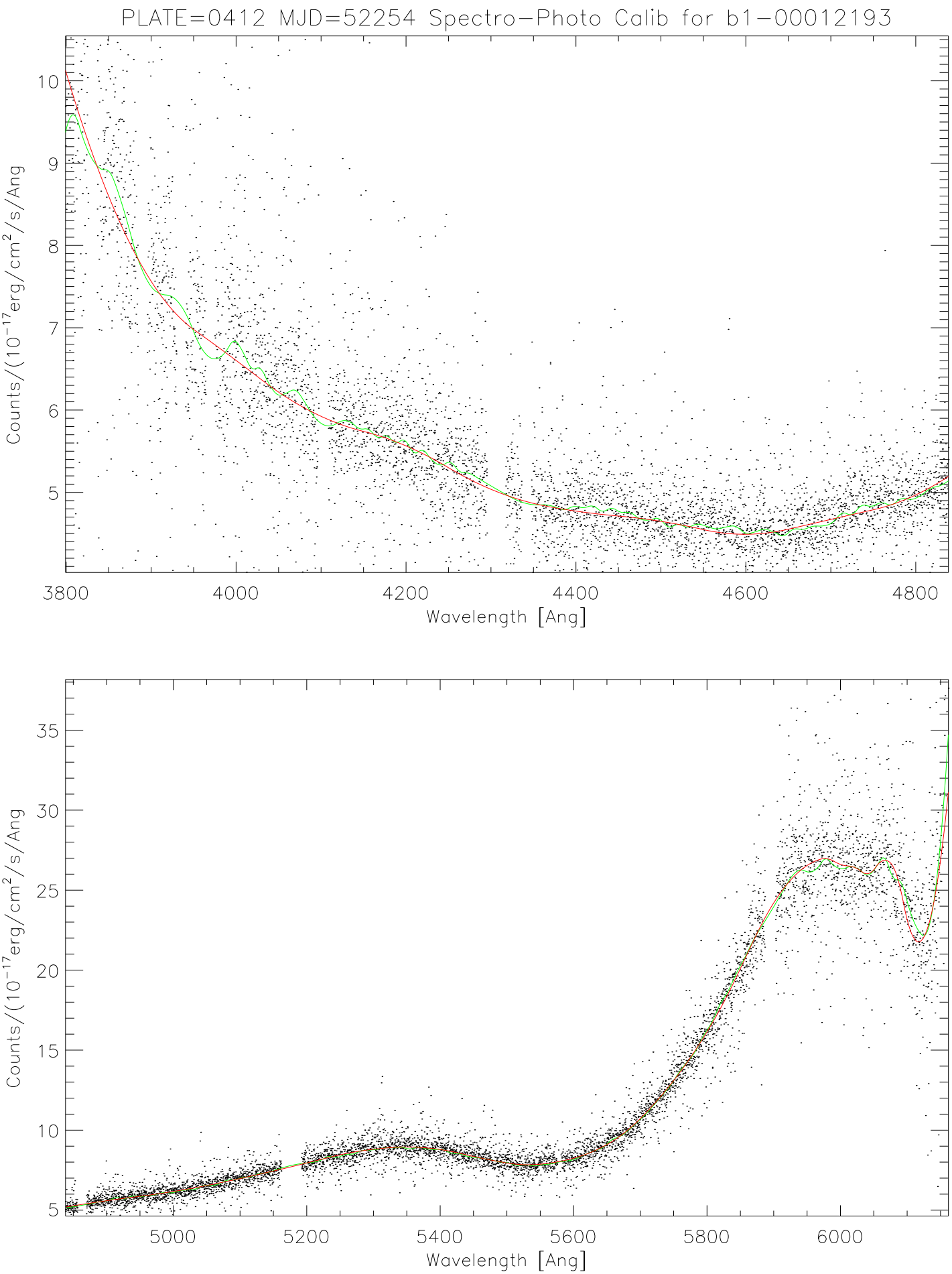

50
40
30
20
10
0
6000
6500
7000
7500
8000
8500
9000

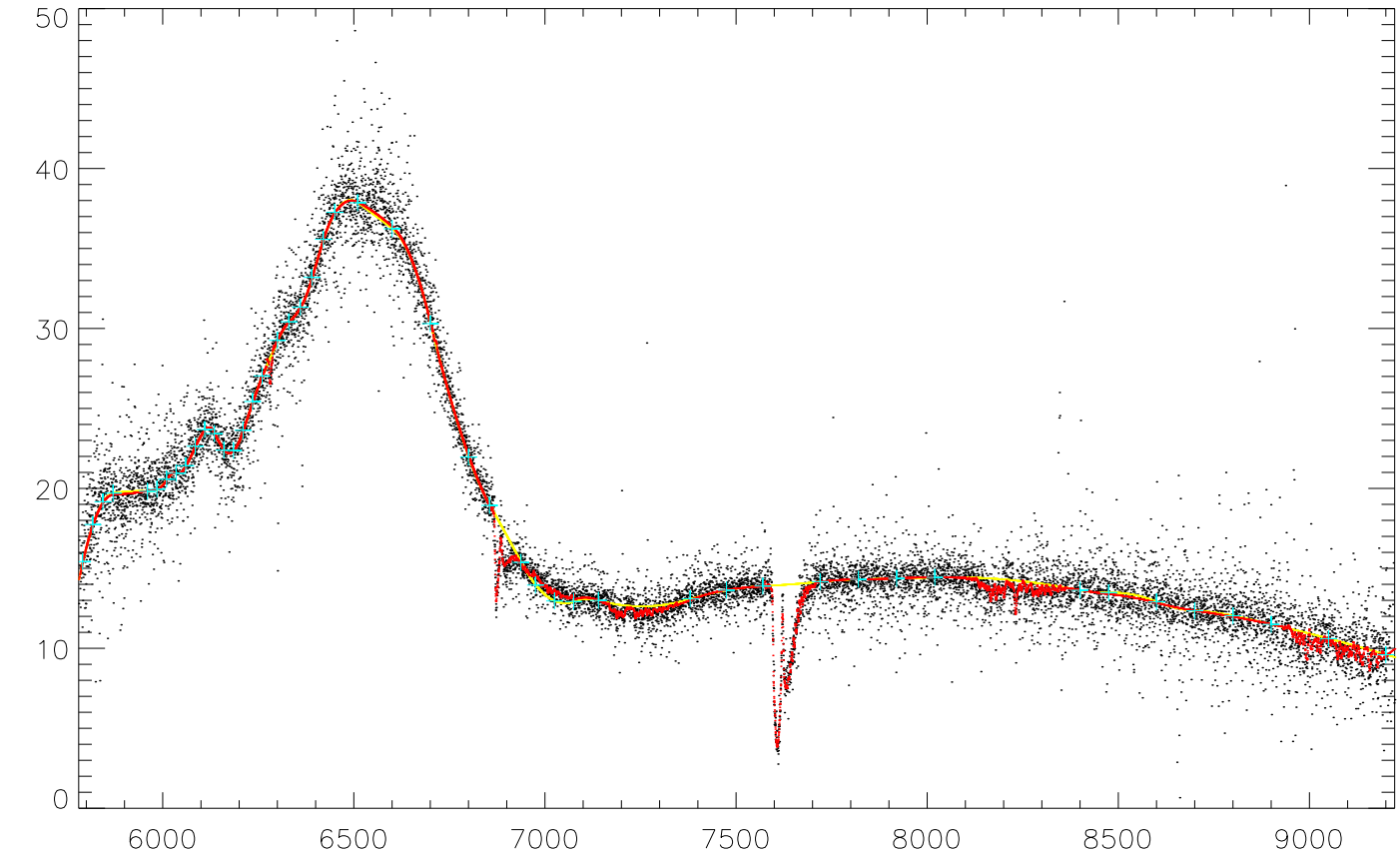

0.2
0.1
0.0
−0.1
−0.2
6000
6500
7000
7500
8000
8500
9000

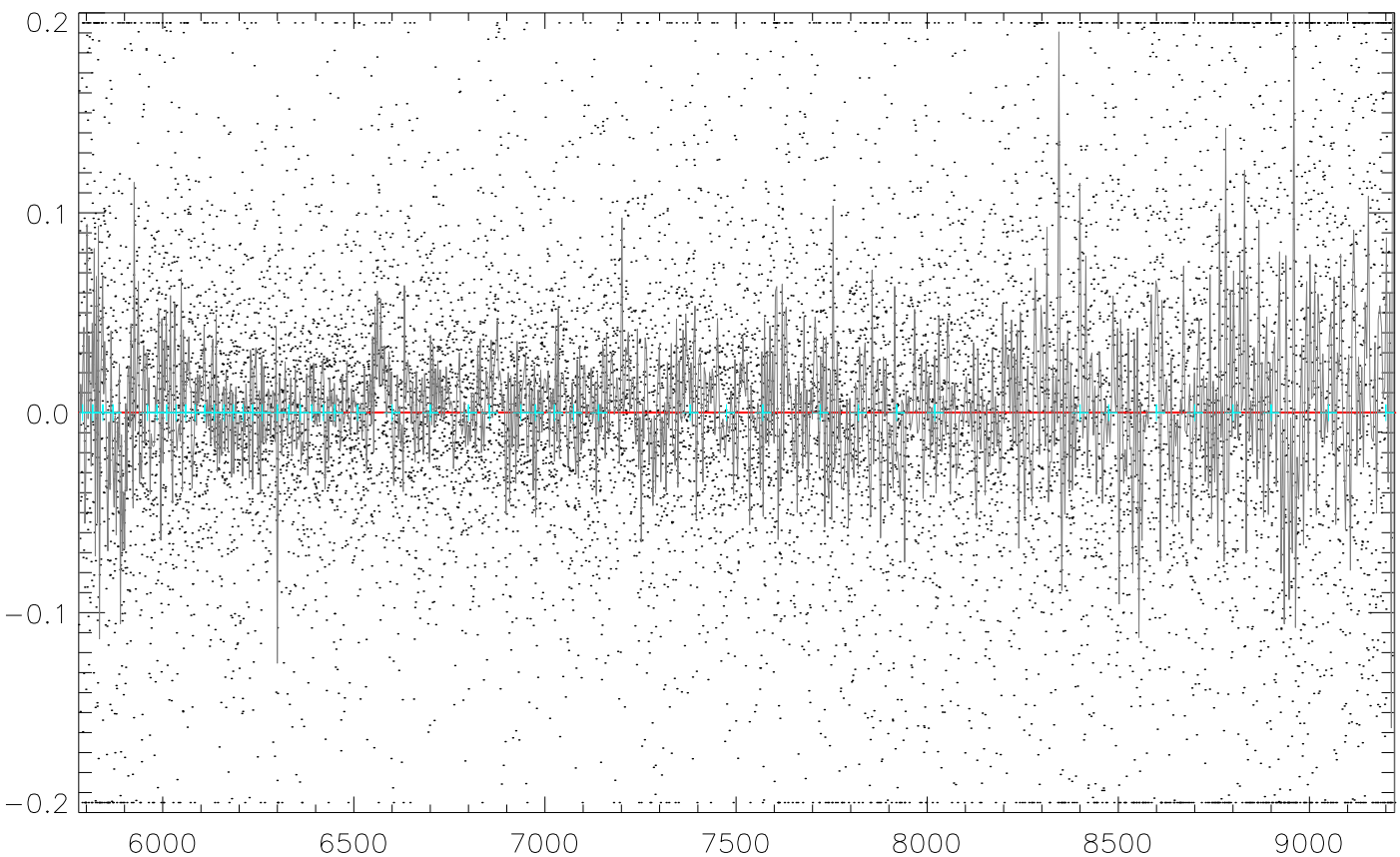

PLATE=0412 MJD=52254 Spectro−Photo Calib for r1−00012192
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
5800
6000
6200
6400
6600
6800
7000
7200
15
20
25
30
35
40
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
7500
8000
8500
9000
4
6
8
10
12
14
16

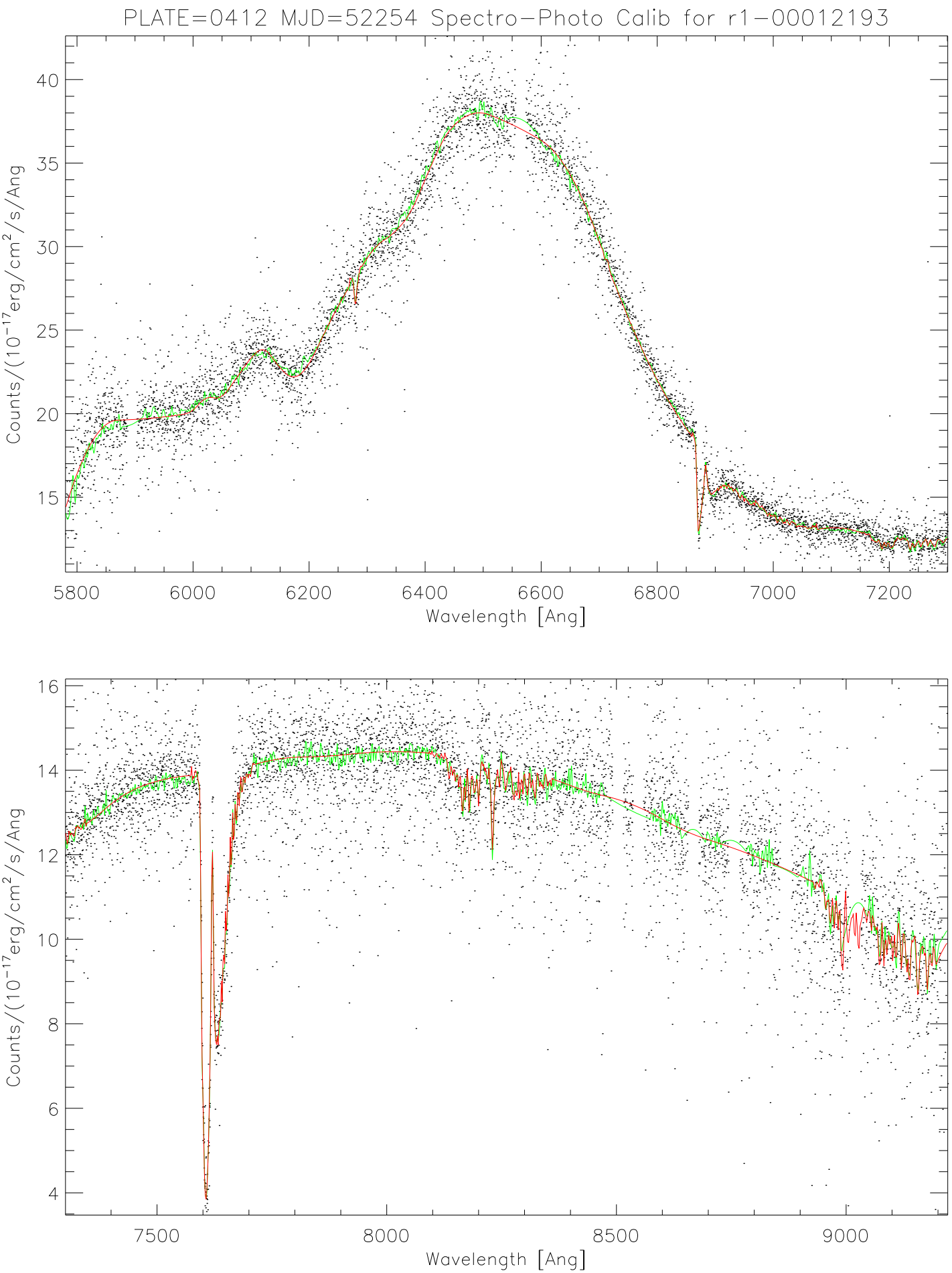

50
40
30
20
10
0
4000
4500
5000
5500
6000

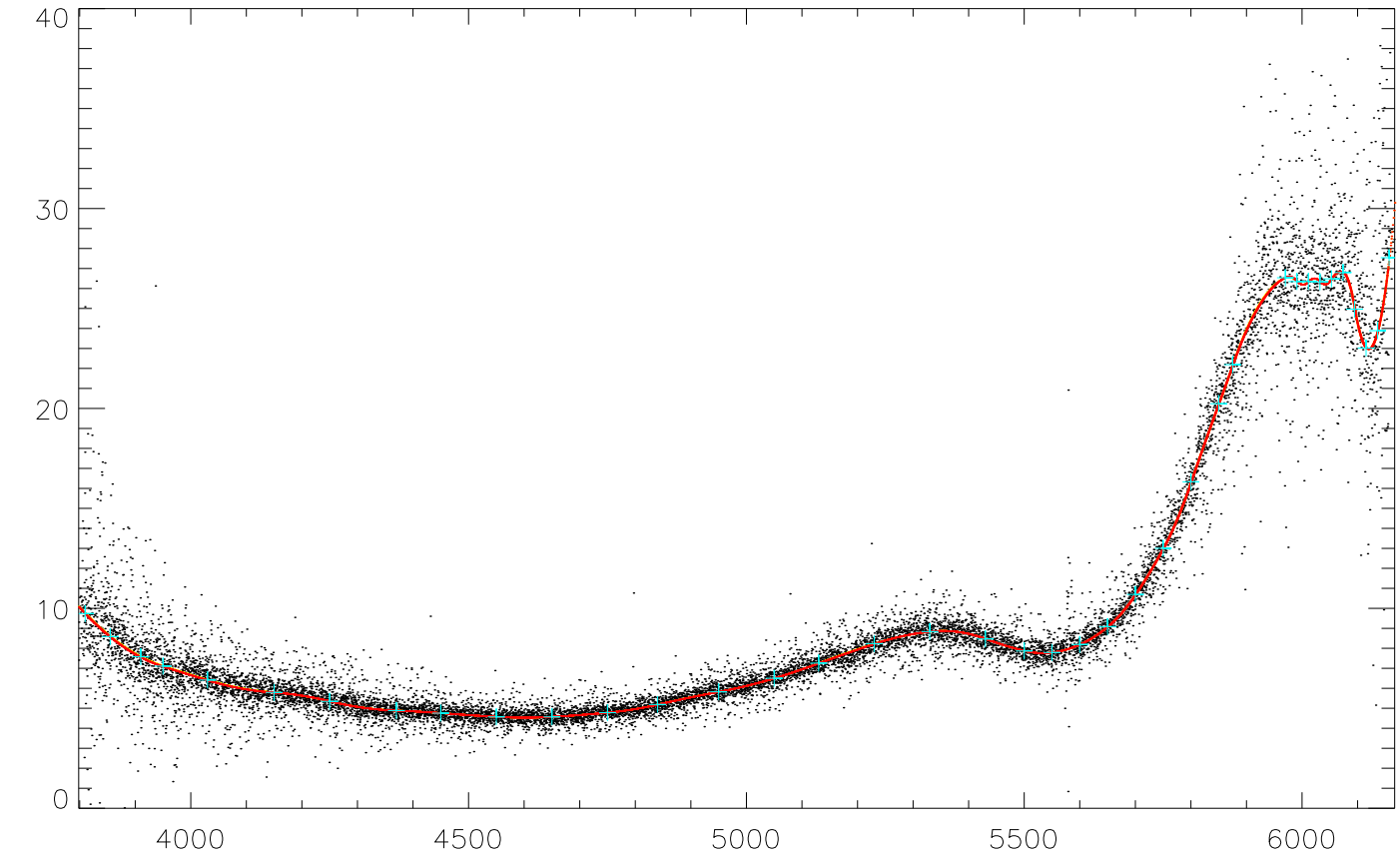

0.2
0.1
0.0
−0.1
−0.2
4000
4500
5000
5500
6000

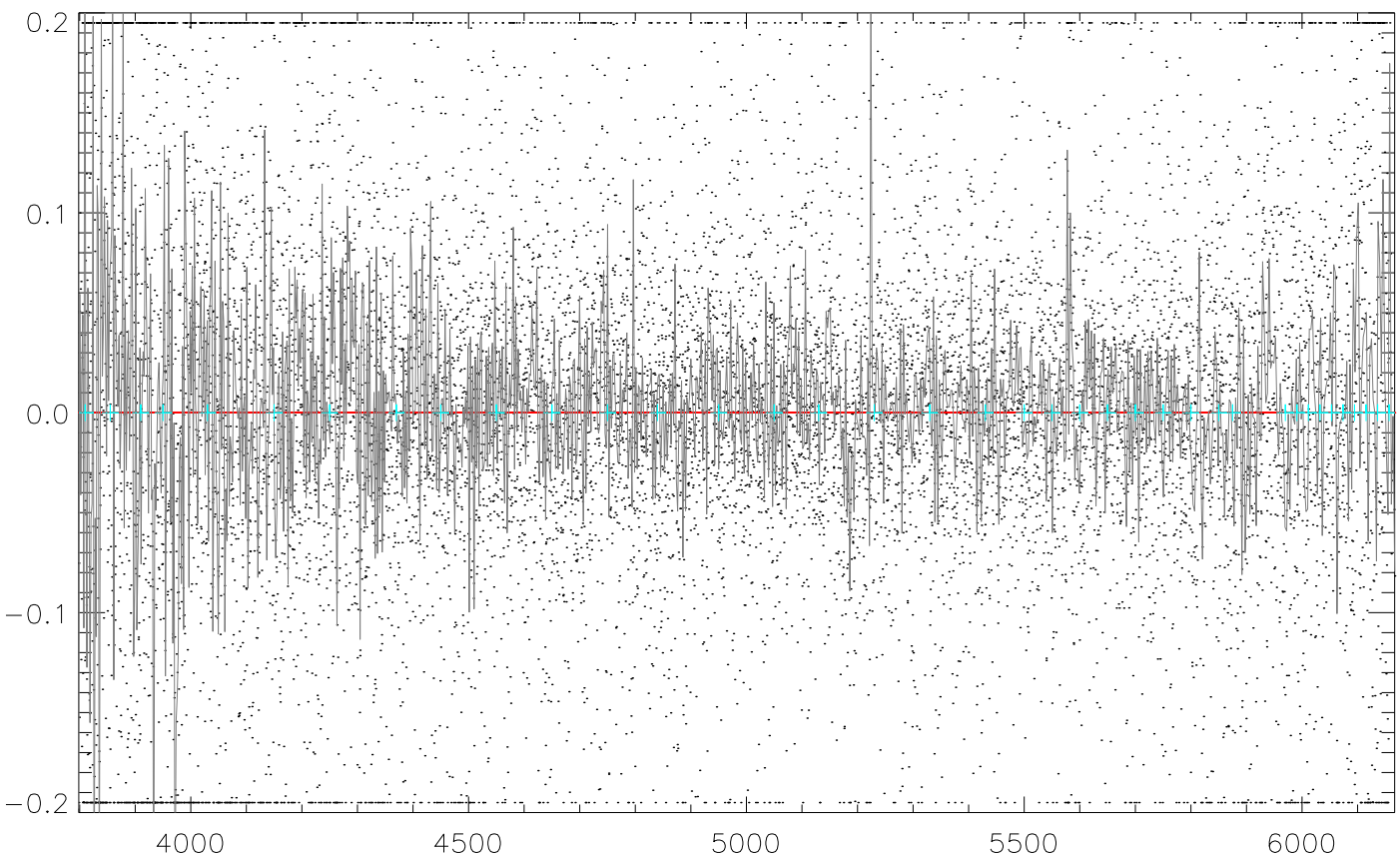

PLATE=0412 MJD=52254 Spectro−Photo Calib for b1−00012193
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
3800
4000
4200
4400
4600
4800
5
6
7
8
9
10
5000
5200
5400
5600
5800
6000
15
20
25
30
35

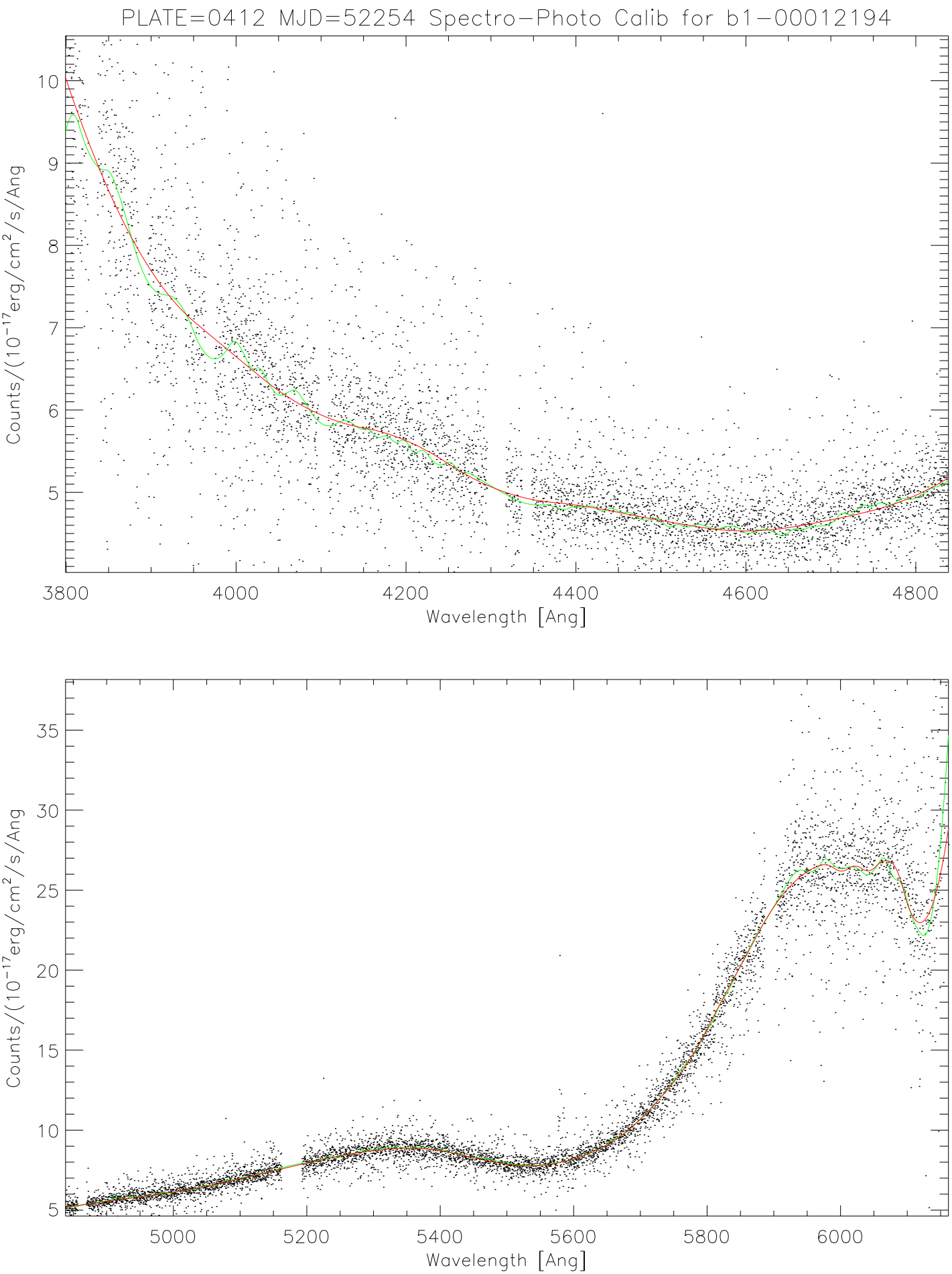

50
40
30
20
10
0
6000
6500
7000
7500
8000
8500
9000

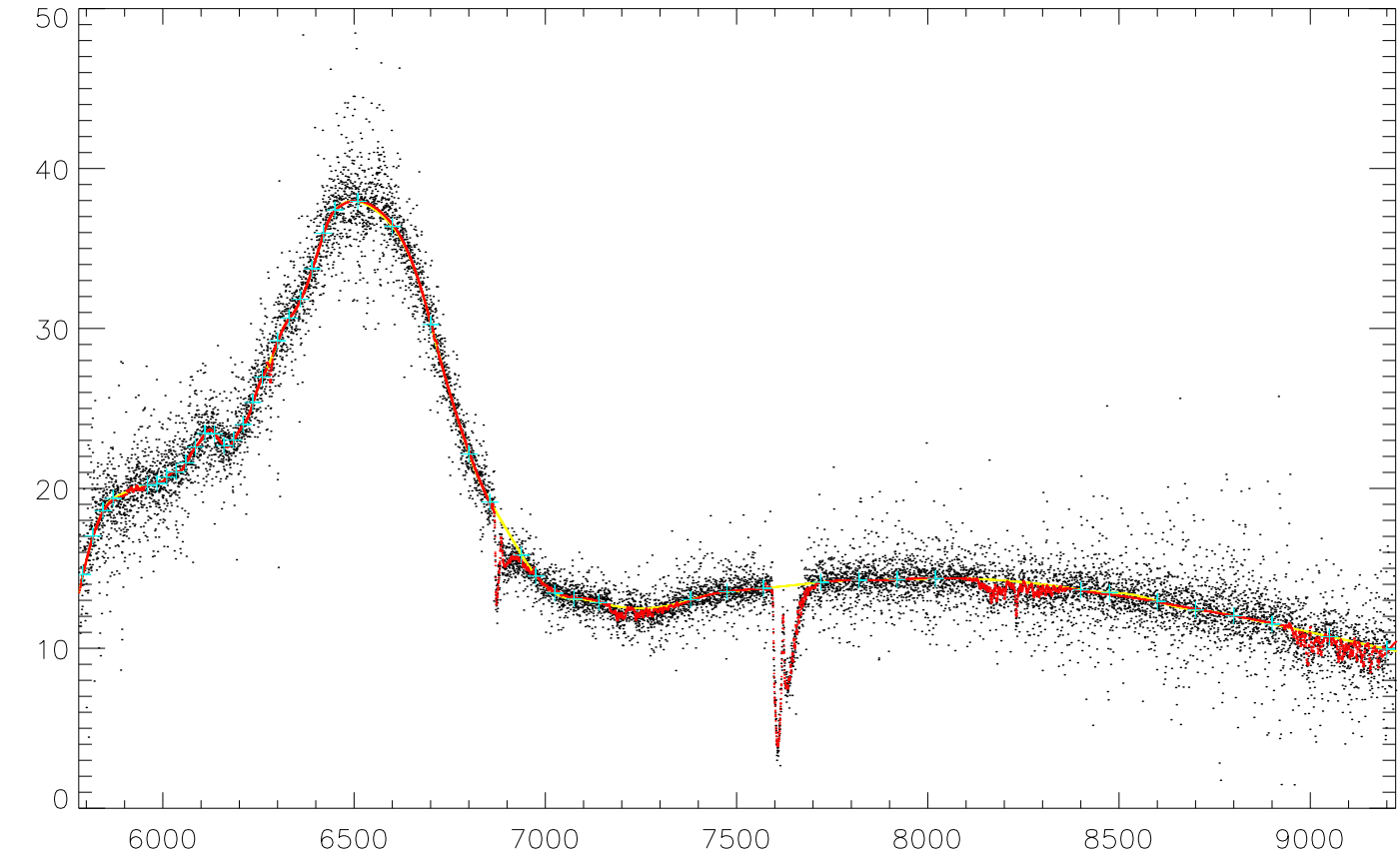

0.2
0.1
0.0
−0.1
−0.2
6000
6500
7000
7500
8000
8500
9000

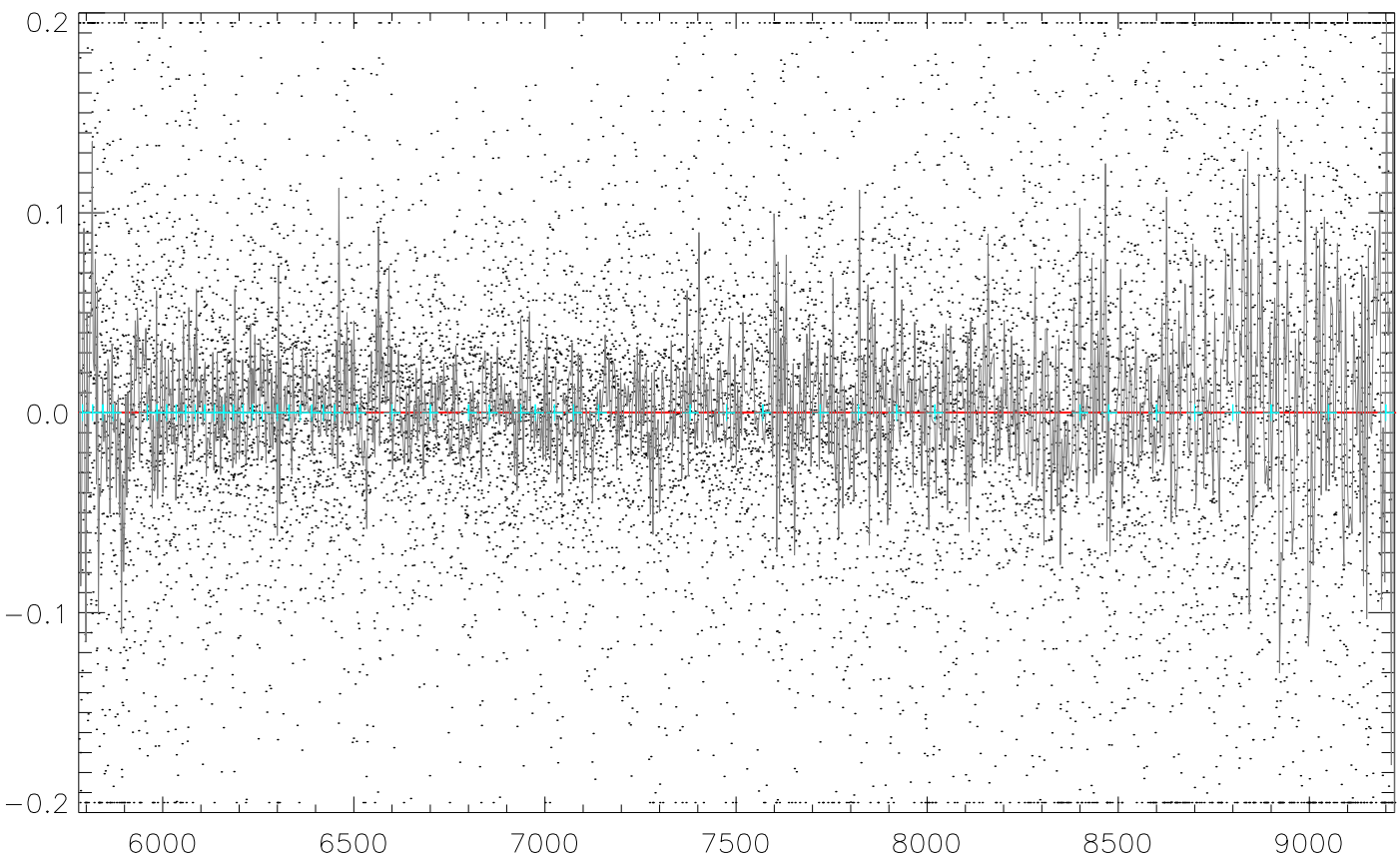

PLATE=0412 MJD=52254 Spectro−Photo Calib for r1−00012193
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
40
35
30
25
20
15
5800
6000
6200
6400
6600
6800
7000
7200
16
14
12
10
8
6
4
7500
8000
8500
9000

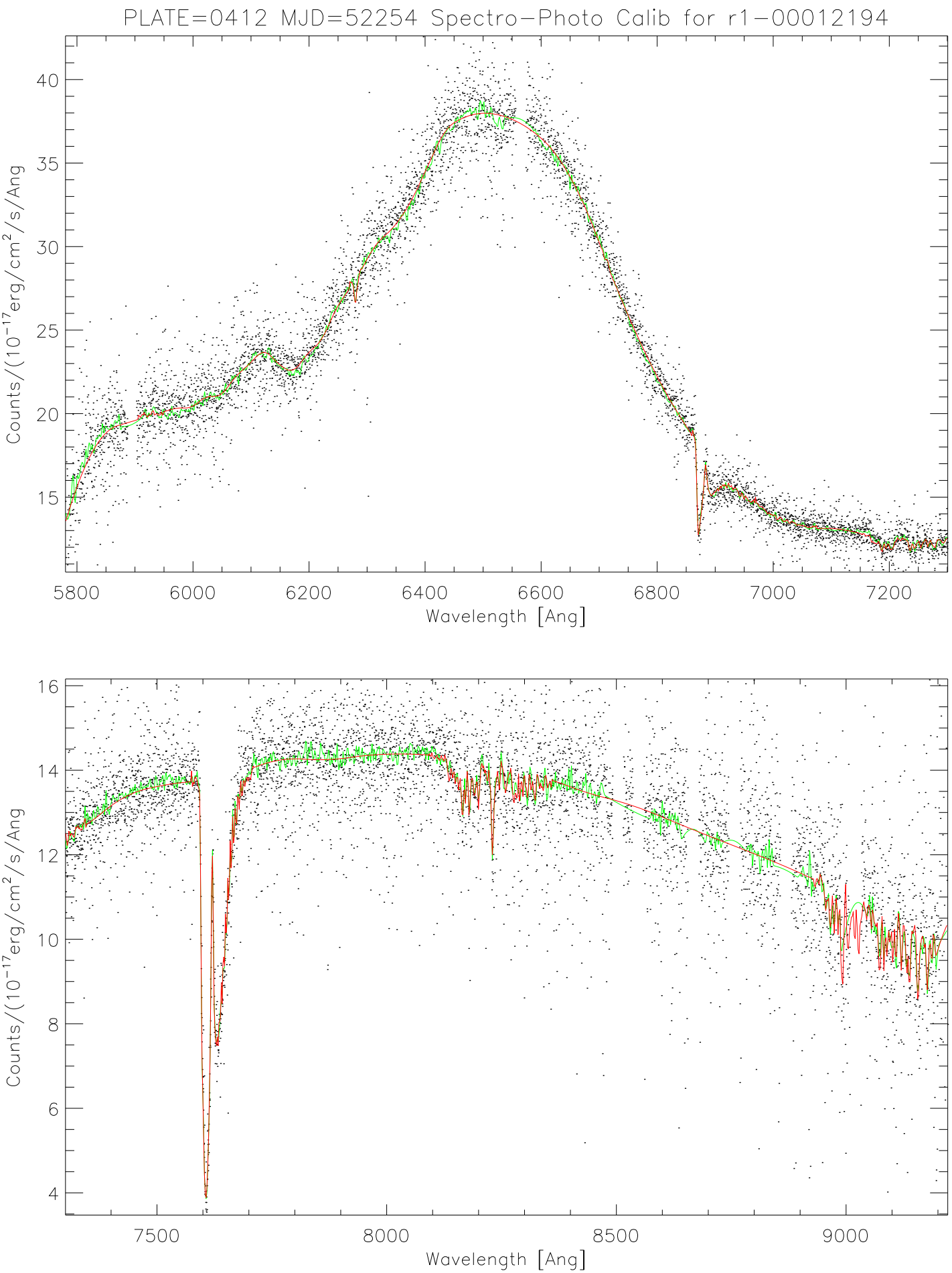

40
30
20
10
0
4000
4500
5000
5500
6000

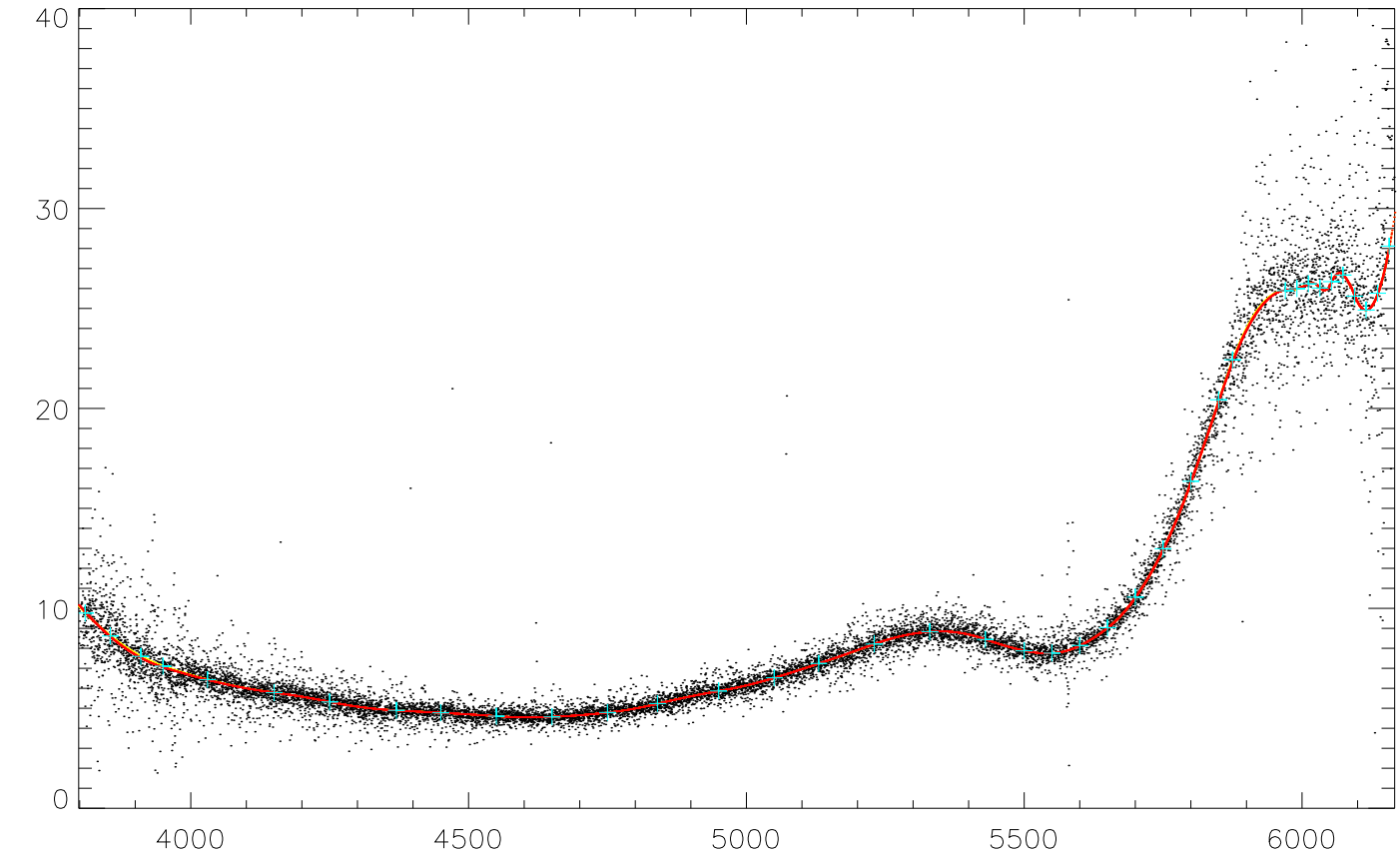

0.2
0.1
0.0
−0.1
−0.2
4000
4500
5000
5500
6000

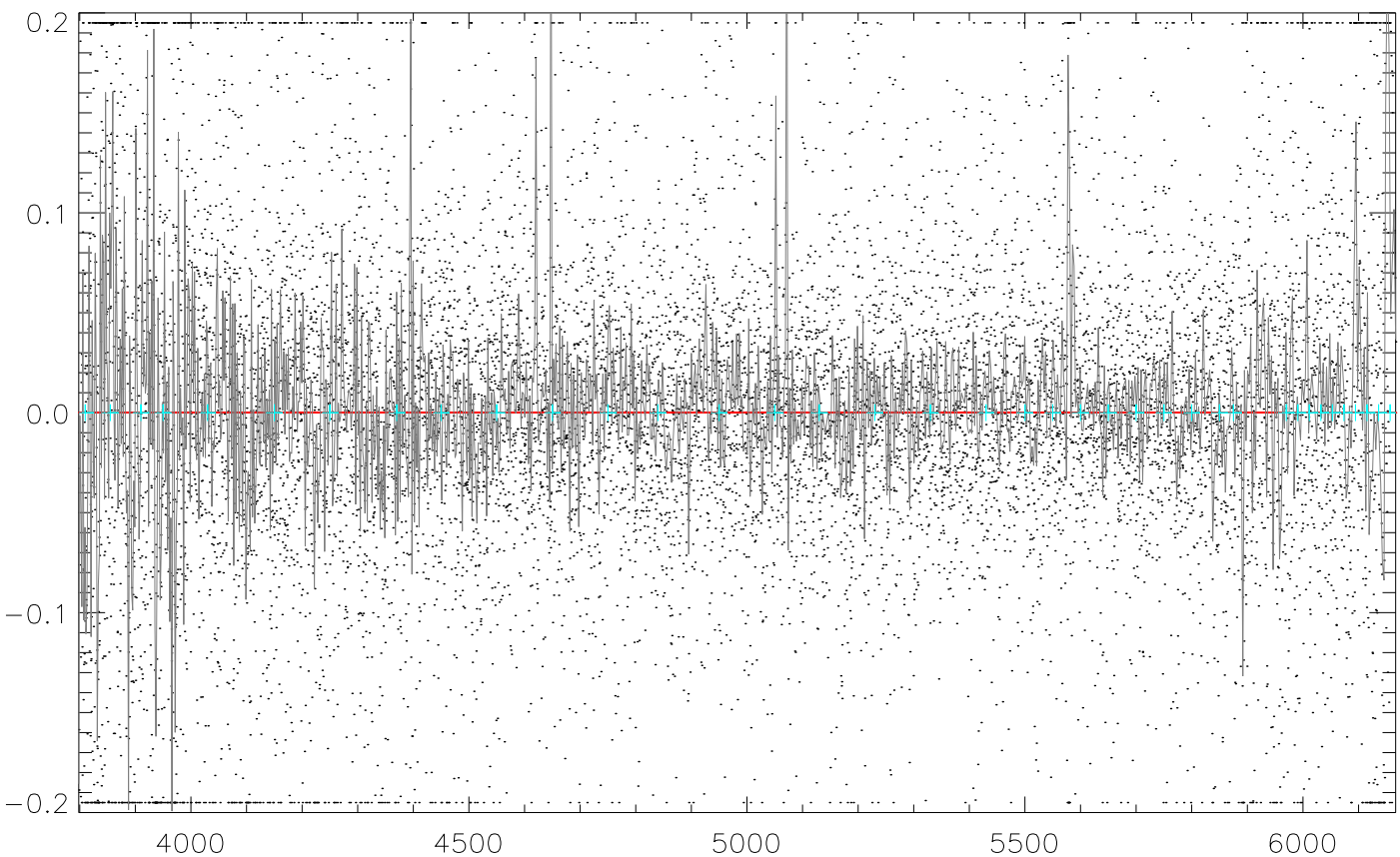

PLATE=0412 MJD=52254 Spectro−Photo Calib for b1−00012194
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
3800
4000
4200
4400
4600
4800
5
6
7
8
9
10
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
5000
5200
5400
5600
5800
6000
5
10
15
20
25
30
35

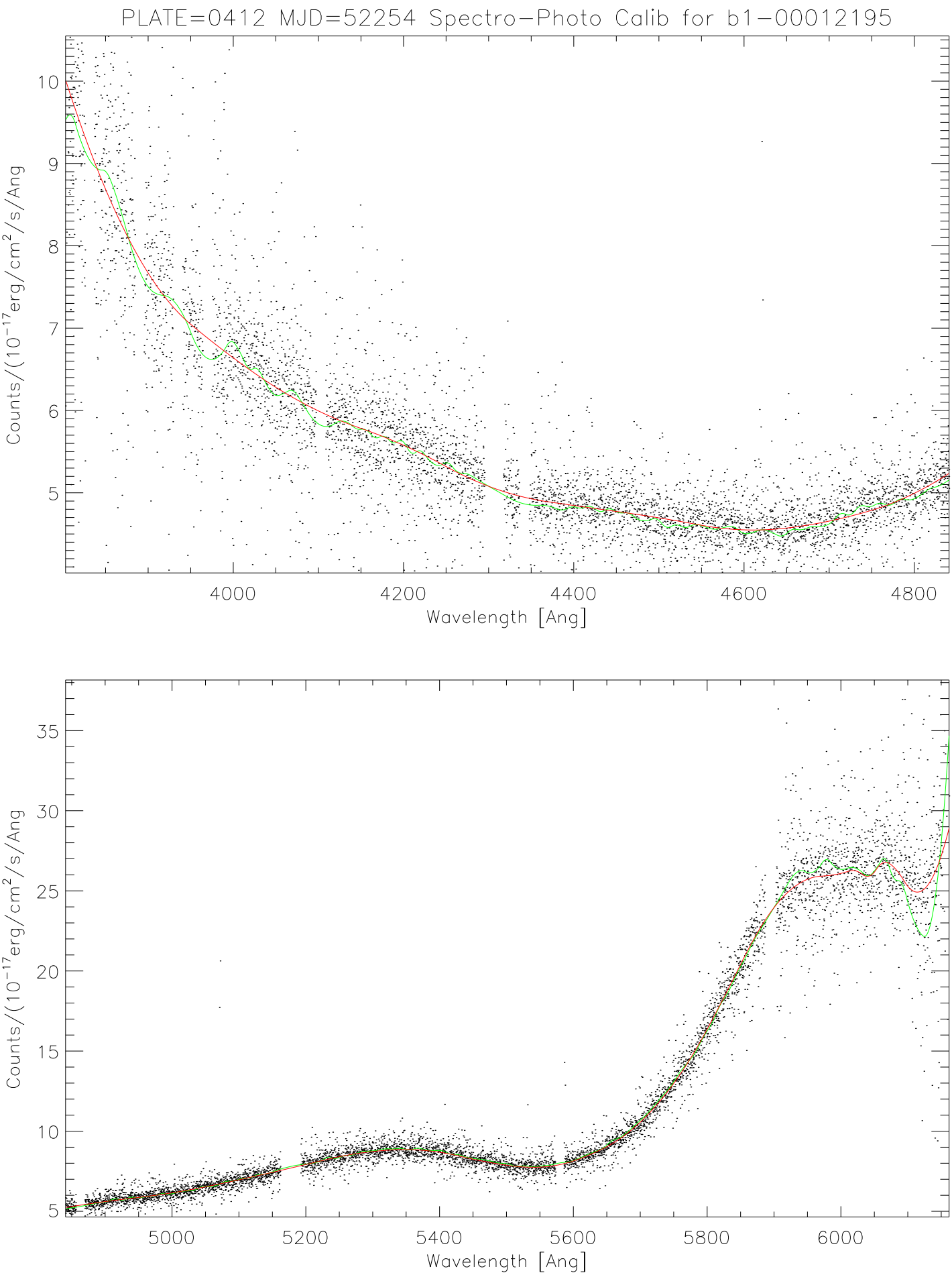

50
40
30
20
10
0
6000
6500
7000
7500
8000
8500
9000

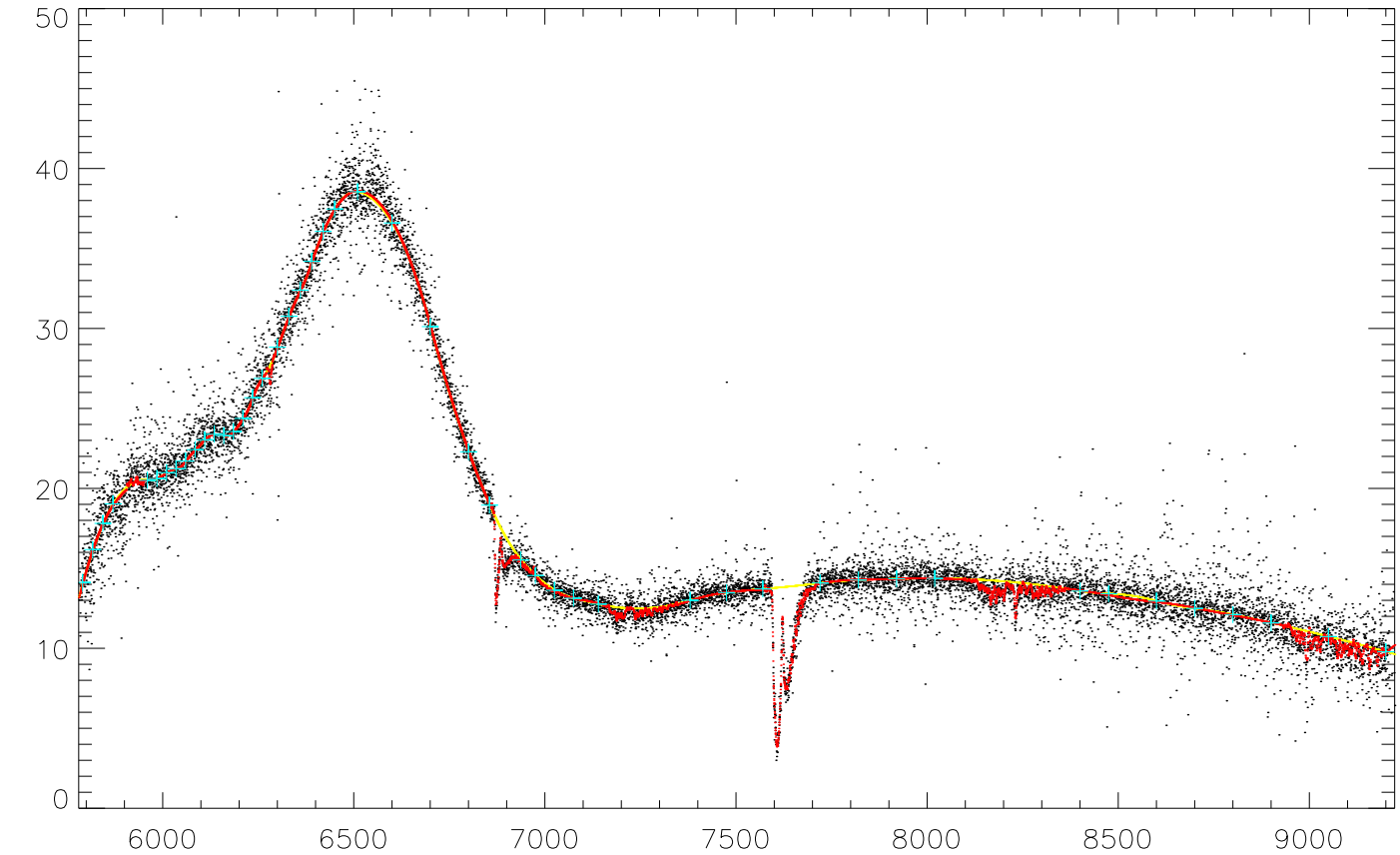

0.2
0.1
0.0
−0.1
−0.2
6000
6500
7000
7500
8000
8500
9000

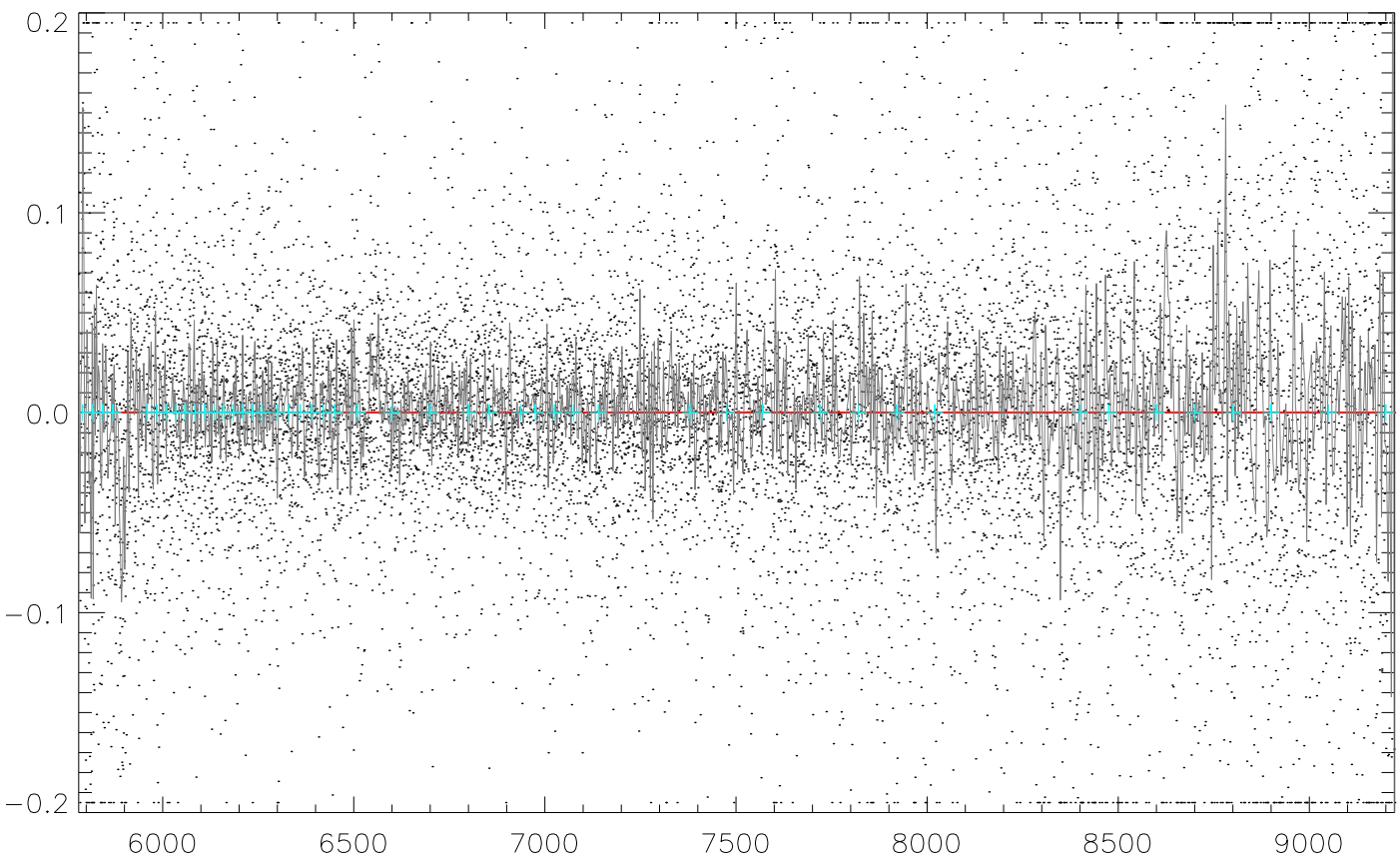

PLATE=0412 MJD=52254 Spectro−Photo Calib for r1−00012194
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
40
35
30
25
20
15
5800
6000
6200
6400
6600
6800
7000
7200
16
14
12
10
8
6
4
7500
8000
8500
9000

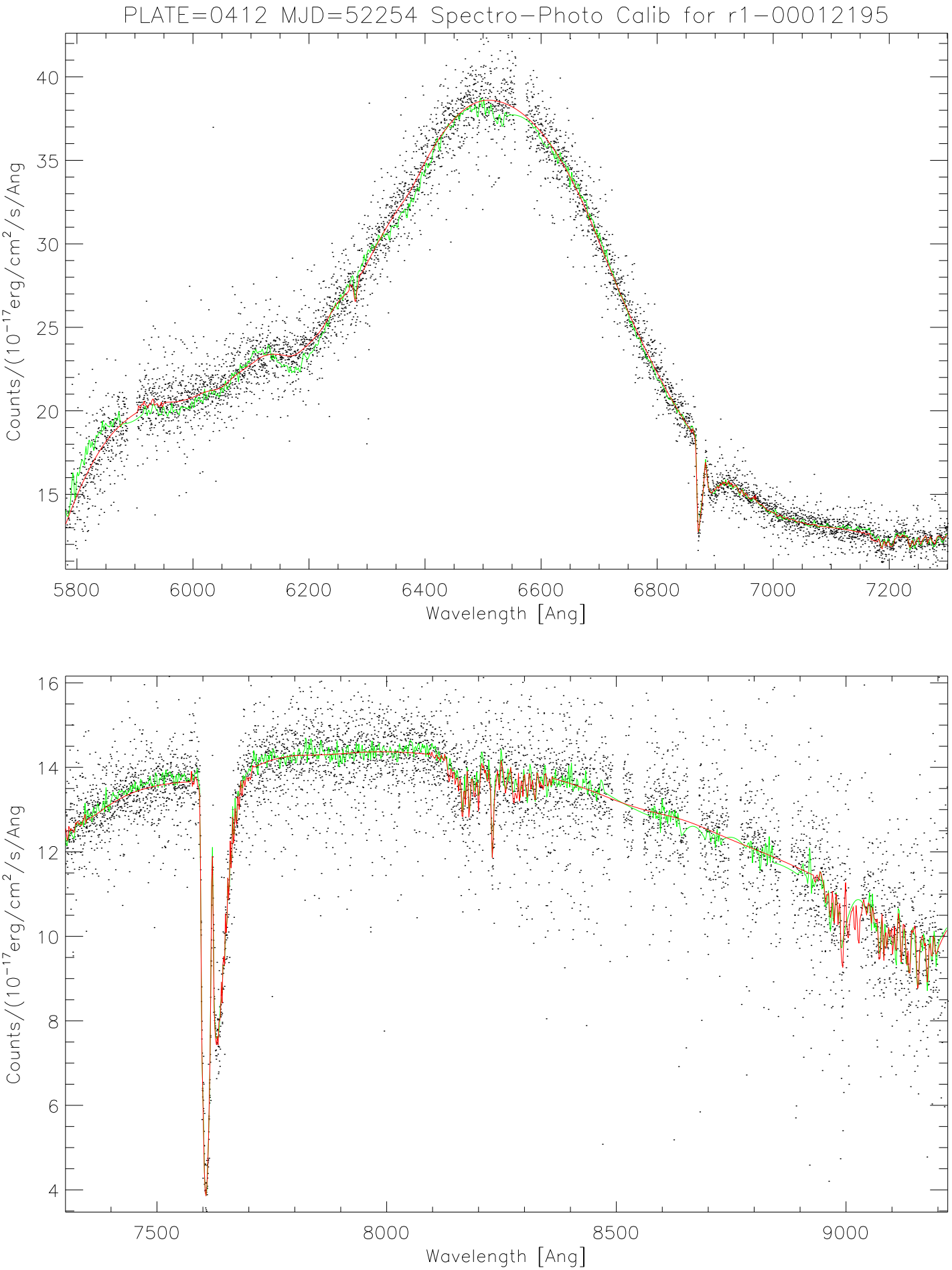

40
30
20
10
0
4000
4500
5000
5500
6000

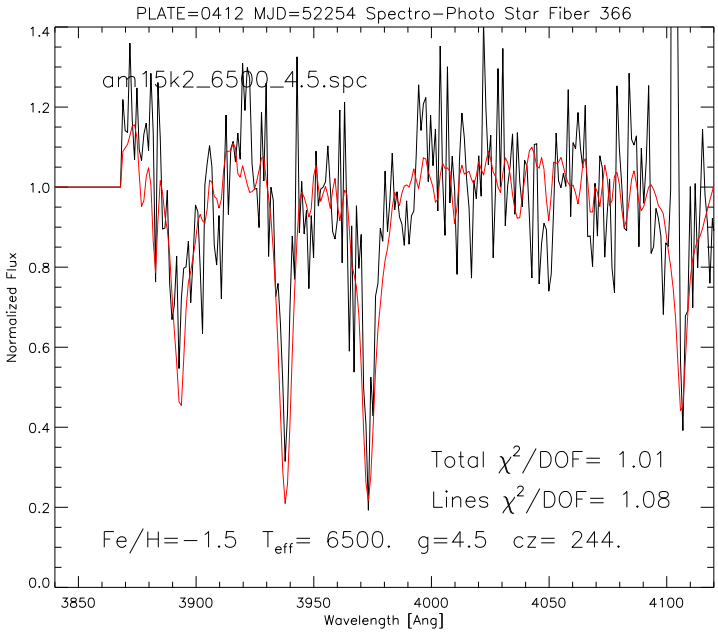

0.2
0.1
0.0
−0.1
−0.2
4000
4500
5000
5500
6000

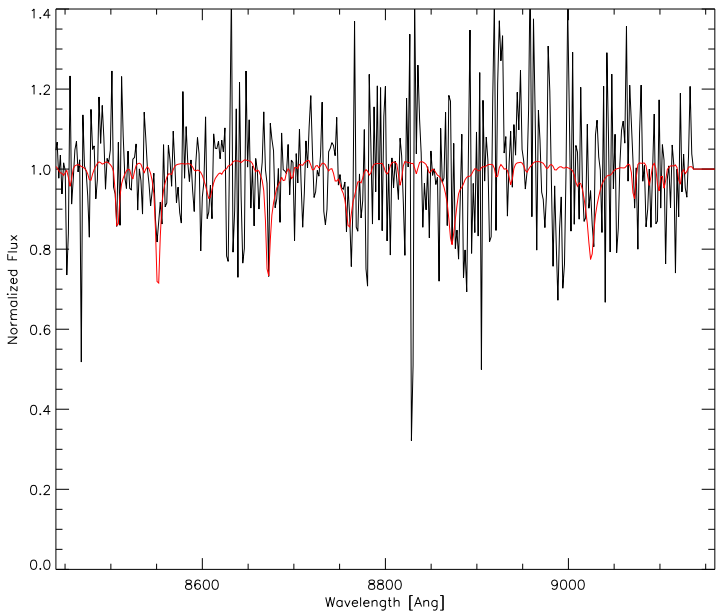

PLATE=0412 MJD=52254 Spectro−Photo Calib for b1−00012195
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
4000
4200
4400
4600
4800
5
6
7
8
9
10
5000
5200
5400
5600
5800
6000
10
15
20
25
30
35

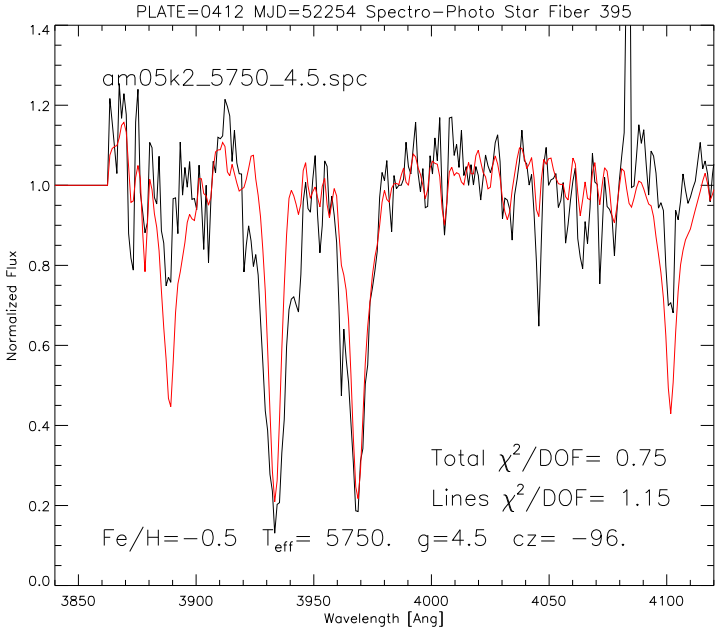

50
40
30
20
10
0
6000
6500
7000
7500
8000
8500
9000

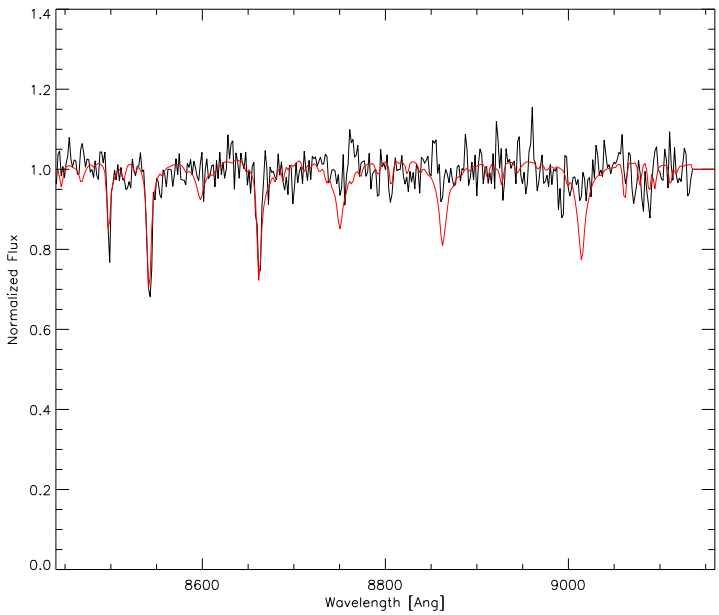

0.2
0.1
0.0
−0.1
−0.2
6000
6500
7000
7500
8000
8500
9000

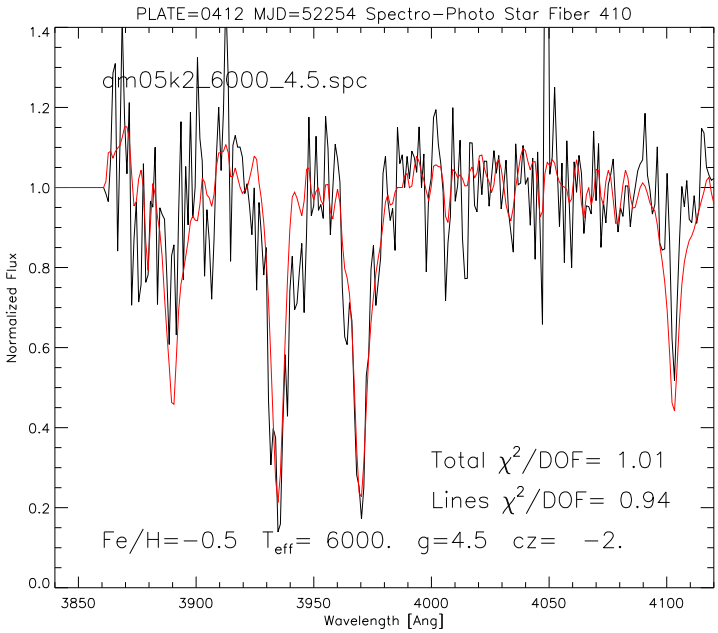

PLATE=0412 MJD=52254 Spectro−Photo Calib for r1−00012195
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
40
35
30
25
20
15
5800
6000
6200
6400
6600
6800
7000
7200
16
14
12
10
8
6
4
7500
8000
8500
9000

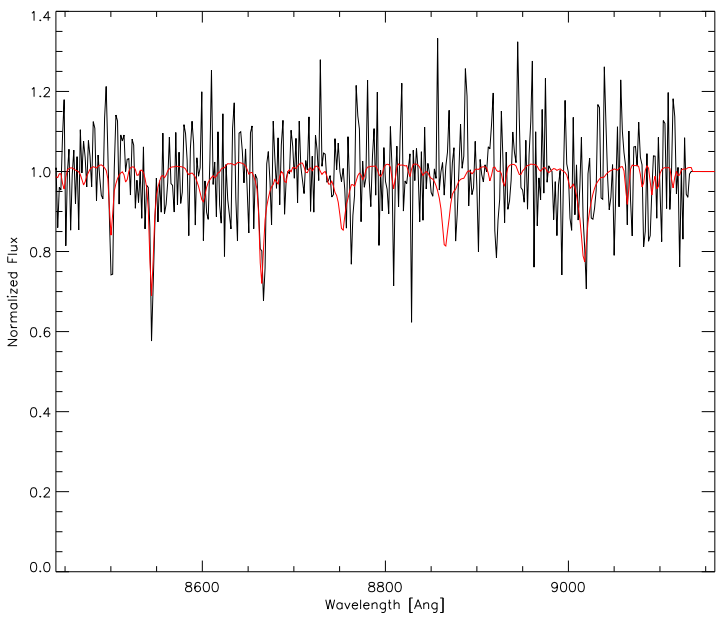

PLATE=0412 MJD=52254 Spectro-Photo Star Fiber 366
am15k2_6500_4.5.spc
Total $\chi^2$/DOF= 1.01
Lines $\chi^2$/DOF= 1.08
Fe/H=−1.5 $T_{eff}$= 6500. g=4.5 cz= 244.
Normalized Flux
Wavelength [Ang]

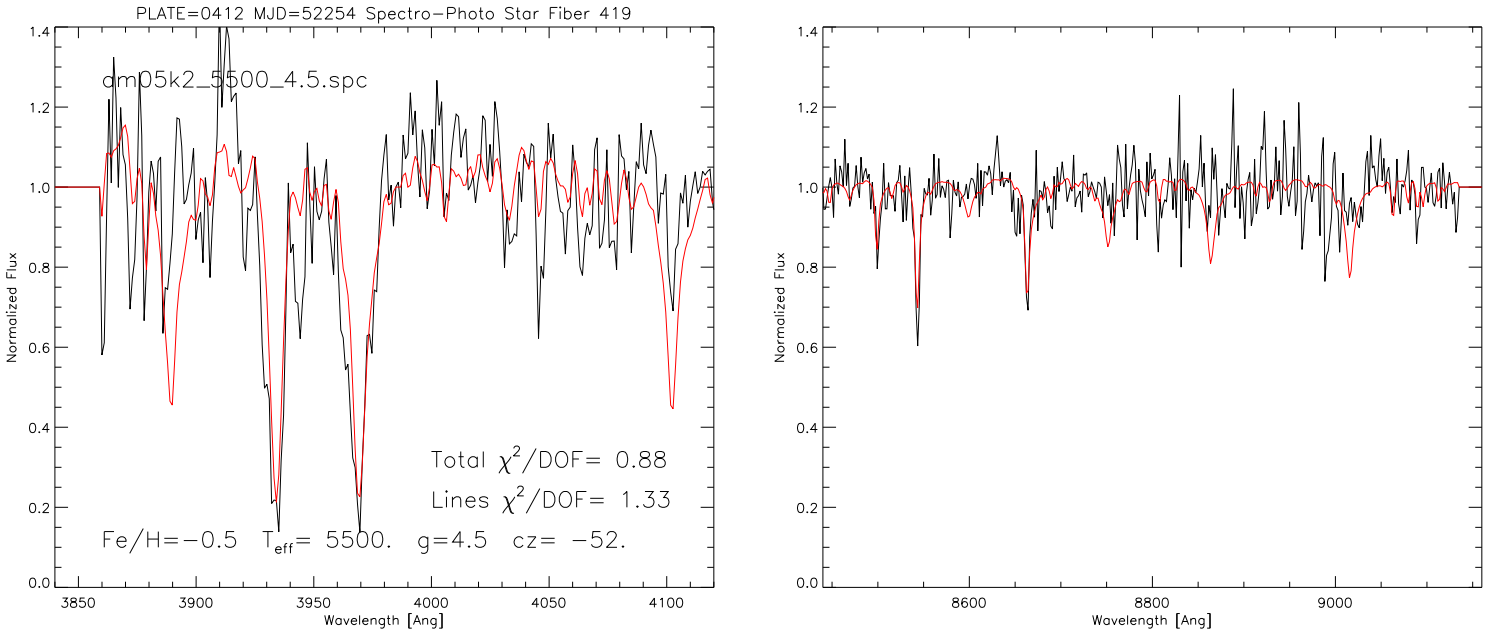

Normalized Flux
Wavelength [Ang]

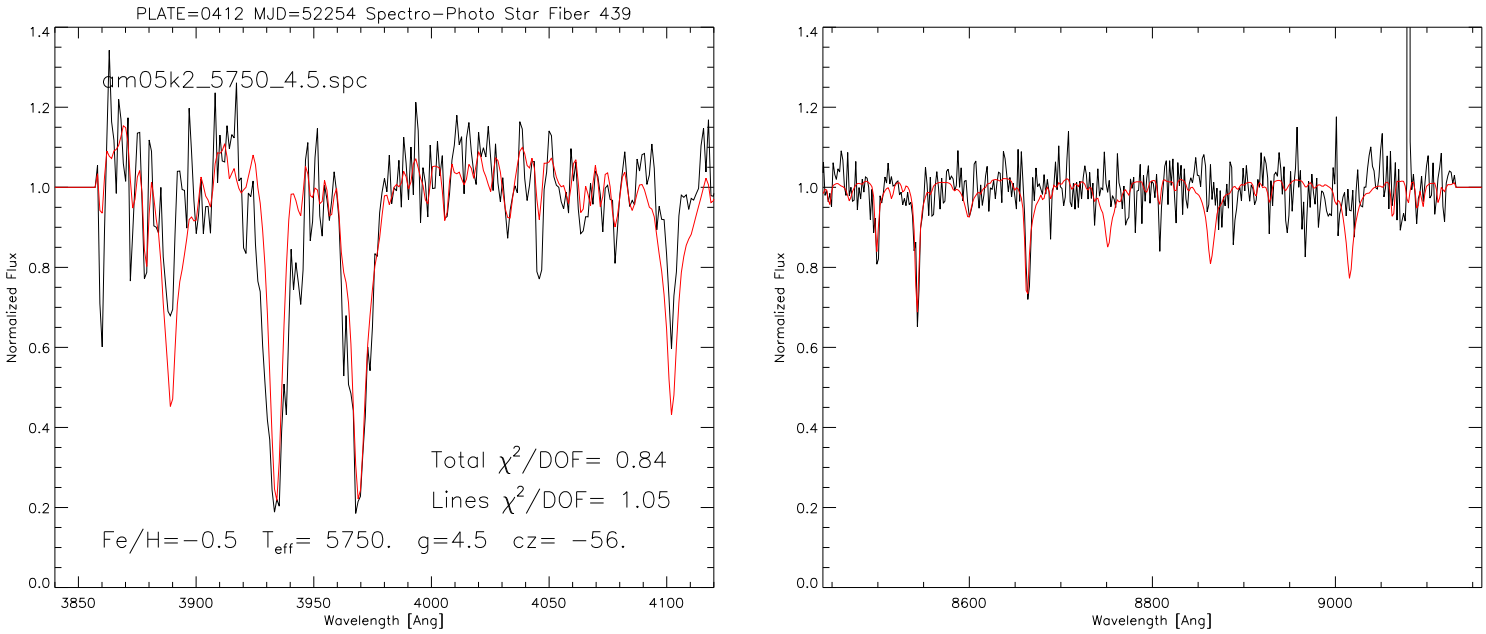

PLATE=0412 MJD=52254 Spectro-Photo Star Fiber 395
am05k2_5750_4.5.spc
Total $\chi^2$/DOF= 0.75
Lines $\chi^2$/DOF= 1.15
Fe/H=−0.5 $T_{eff}$= 5750. g=4.5 cz= −96.
Normalized Flux
Wavelength [Ang]

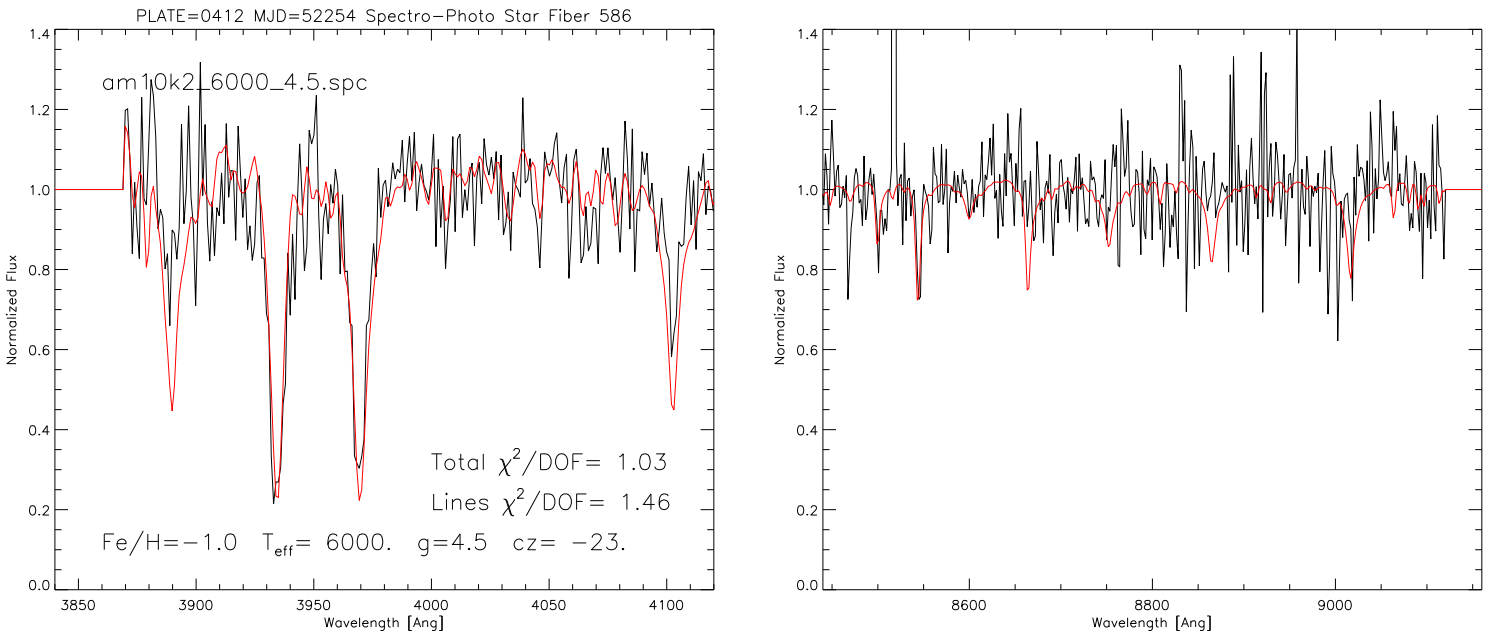

Normalized Flux
Wavelength [Ang]

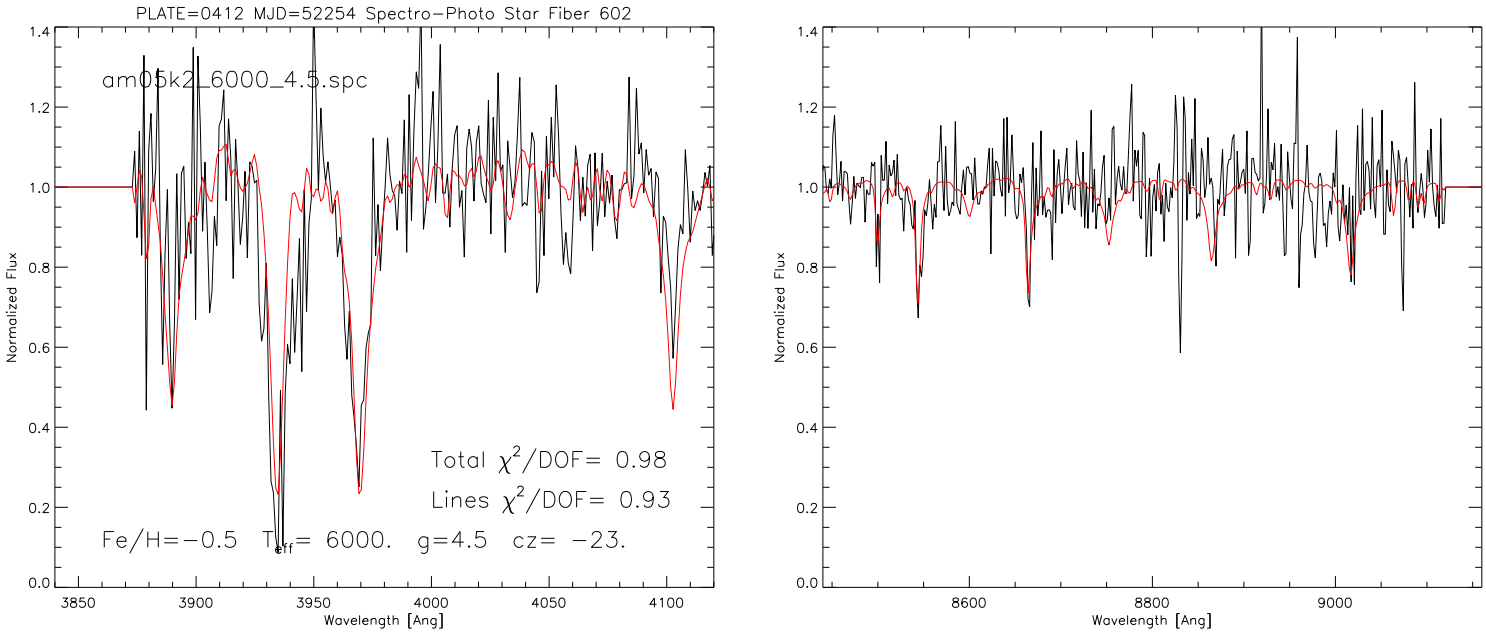

PLATE=0412 MJD=52254 Spectro-Photo Star Fiber 410
am05k2_6000_4.5.spc
Total $\chi^2$/DOF= 1.01
Lines $\chi^2$/DOF= 0.94
Fe/H=−0.5 $T_{eff}$= 6000. g=4.5 cz= −2.
Normalized Flux
Wavelength [Ang]

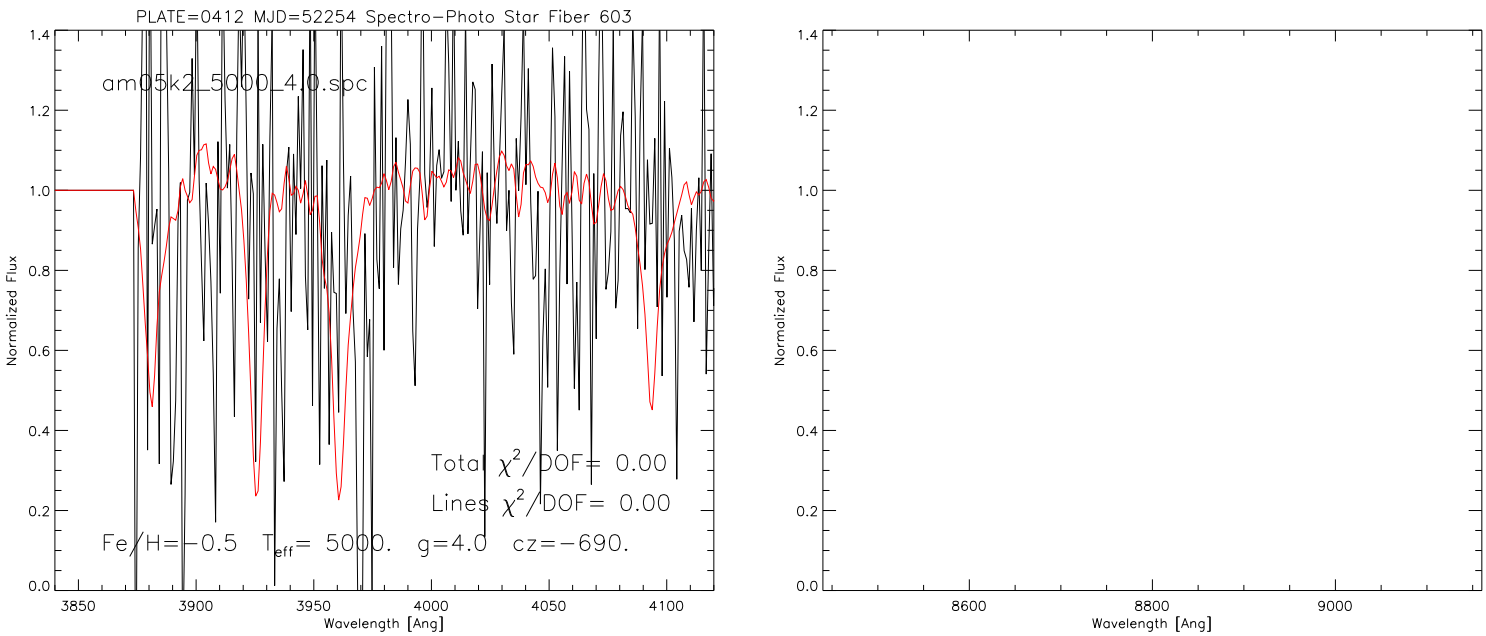

Normalized Flux
Wavelength [Ang]

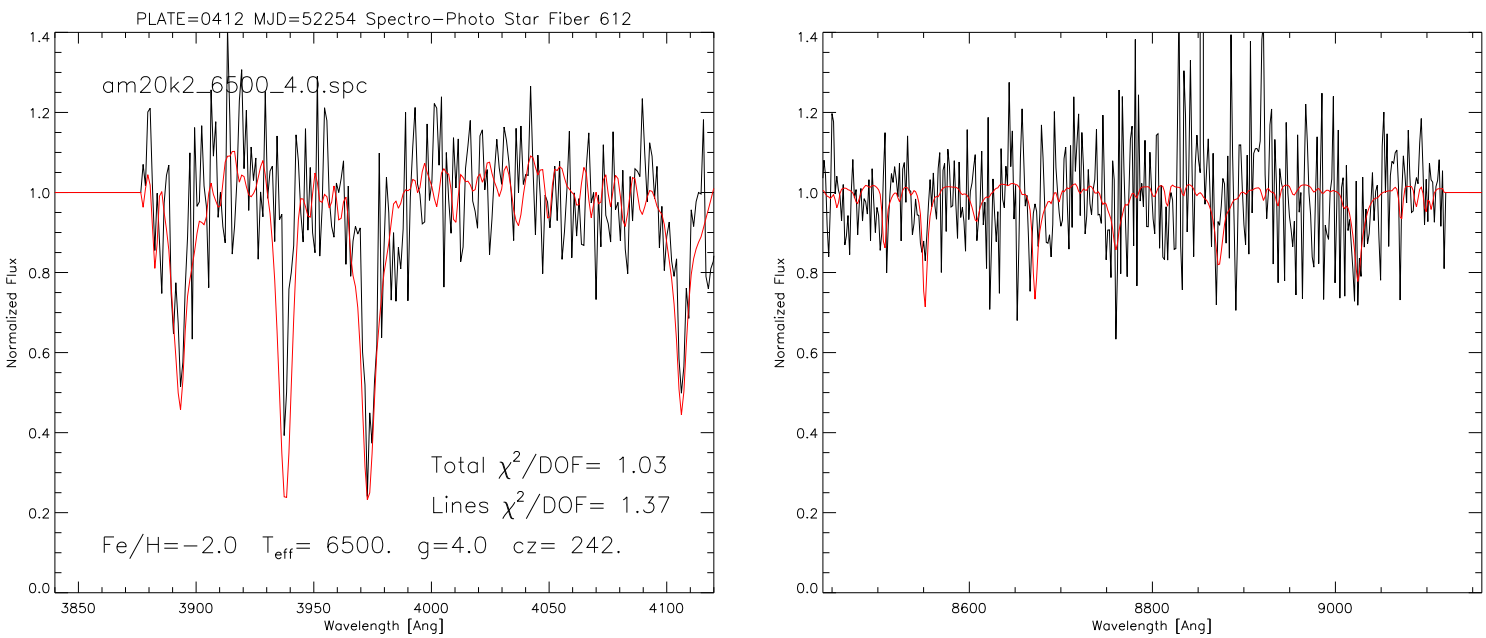

PLATE=0412 MJD=52254 Spectro-Photo Star Fiber 419
am05k2_5500_4.5.spc
Total $\chi^2$/DOF= 0.88
Lines $\chi^2$/DOF= 1.33
Fe/H=−0.5 $T_{eff}$= 5500. g=4.5 cz= −52.
Normalized Flux
Wavelength [Ang]

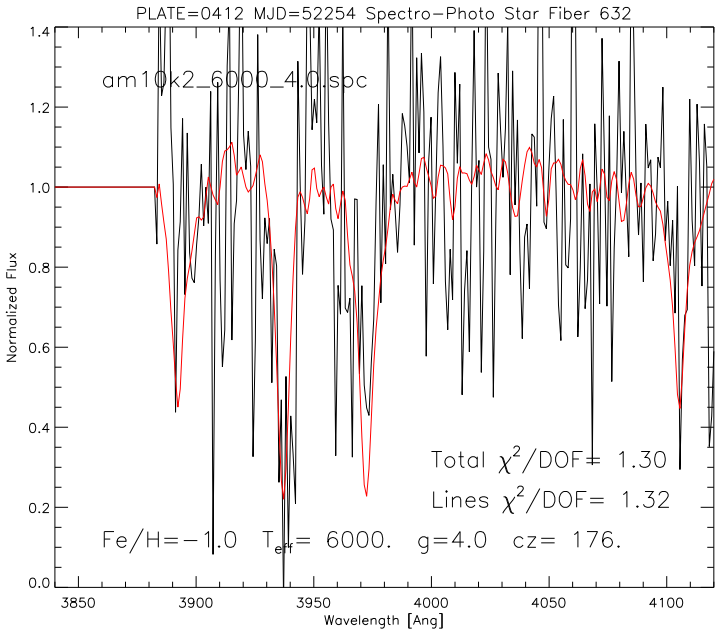

PLATE=0412 MJD=52254 Spectro-Photo Star Fiber 439
am05k2_5750_4.5.spc
Total $\chi^2$/DOF= 0.84
Lines $\chi^2$/DOF= 1.05
Fe/H=−0.5 $T_{eff}$= 5750. g=4.5 cz= −56.
Normalized Flux
Wavelength [Ang]

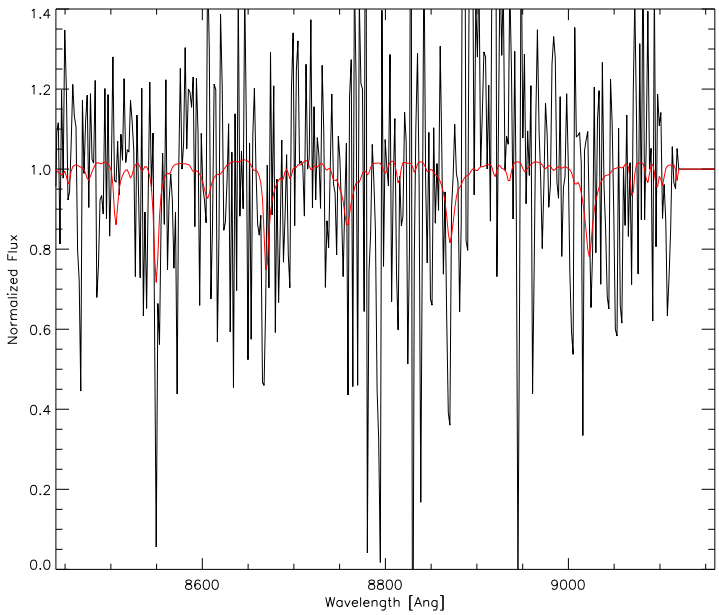

PLATE=0412 MJD=52254 Spectro-Photo Star Fiber 586
am10k2_6000_4.5.spc
Total $\chi^2$/DOF= 1.03
Lines $\chi^2$/DOF= 1.46
Fe/H=−1.0 $T_{eff}$= 6000. g=4.5 cz= −23.
Normalized Flux
Wavelength [Ang]

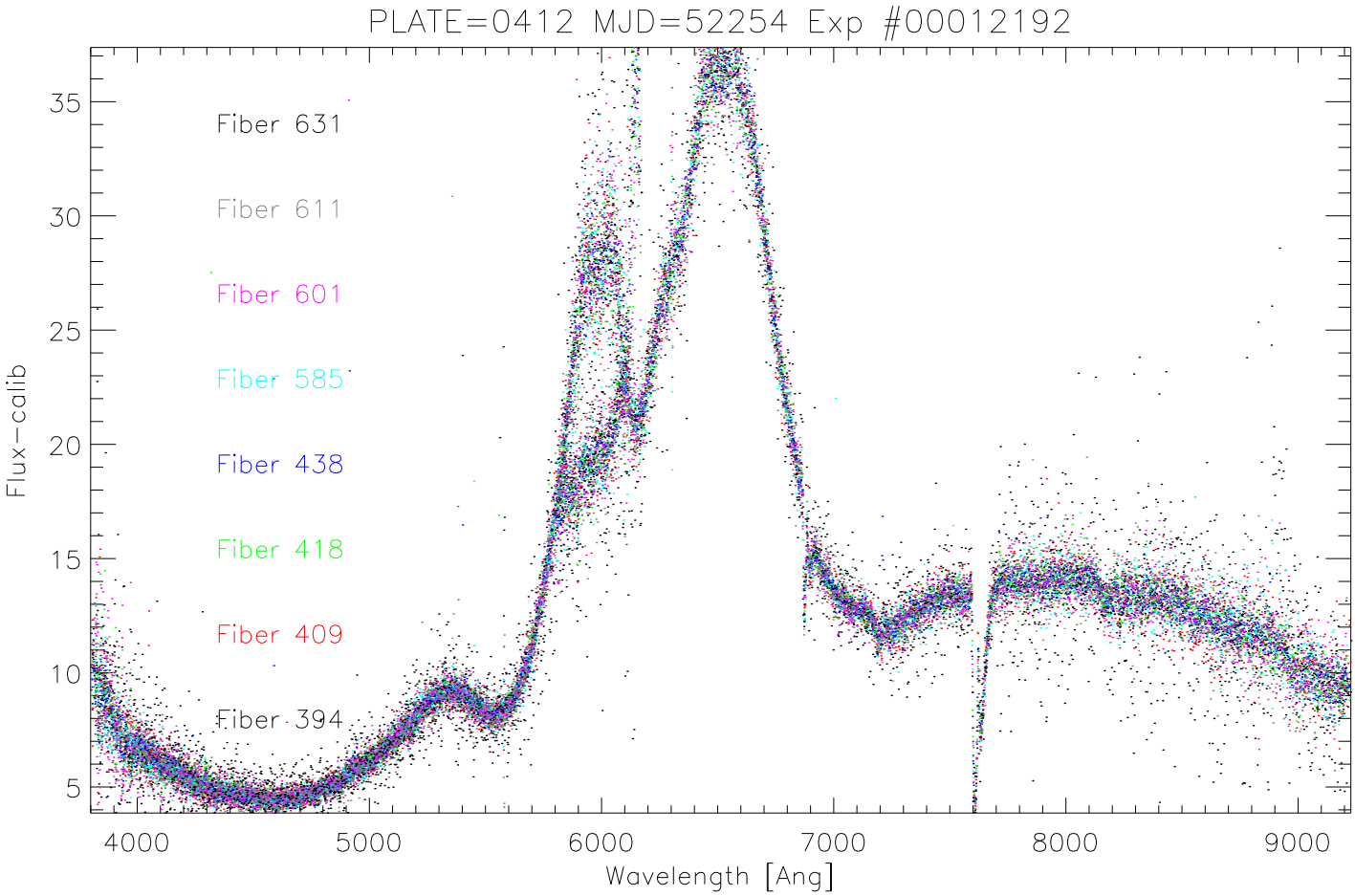

PLATE=0412 MJD=52254 Spectro-Photo Star Fiber 602
am05k2_6000_4.5.spc
Total $\chi^2$/DOF= 0.98
Lines $\chi^2$/DOF= 0.93
Fe/H=−0.5 $T_{eff}$= 6000. g=4.5 cz= −23.
Normalized Flux
Wavelength [Ang]

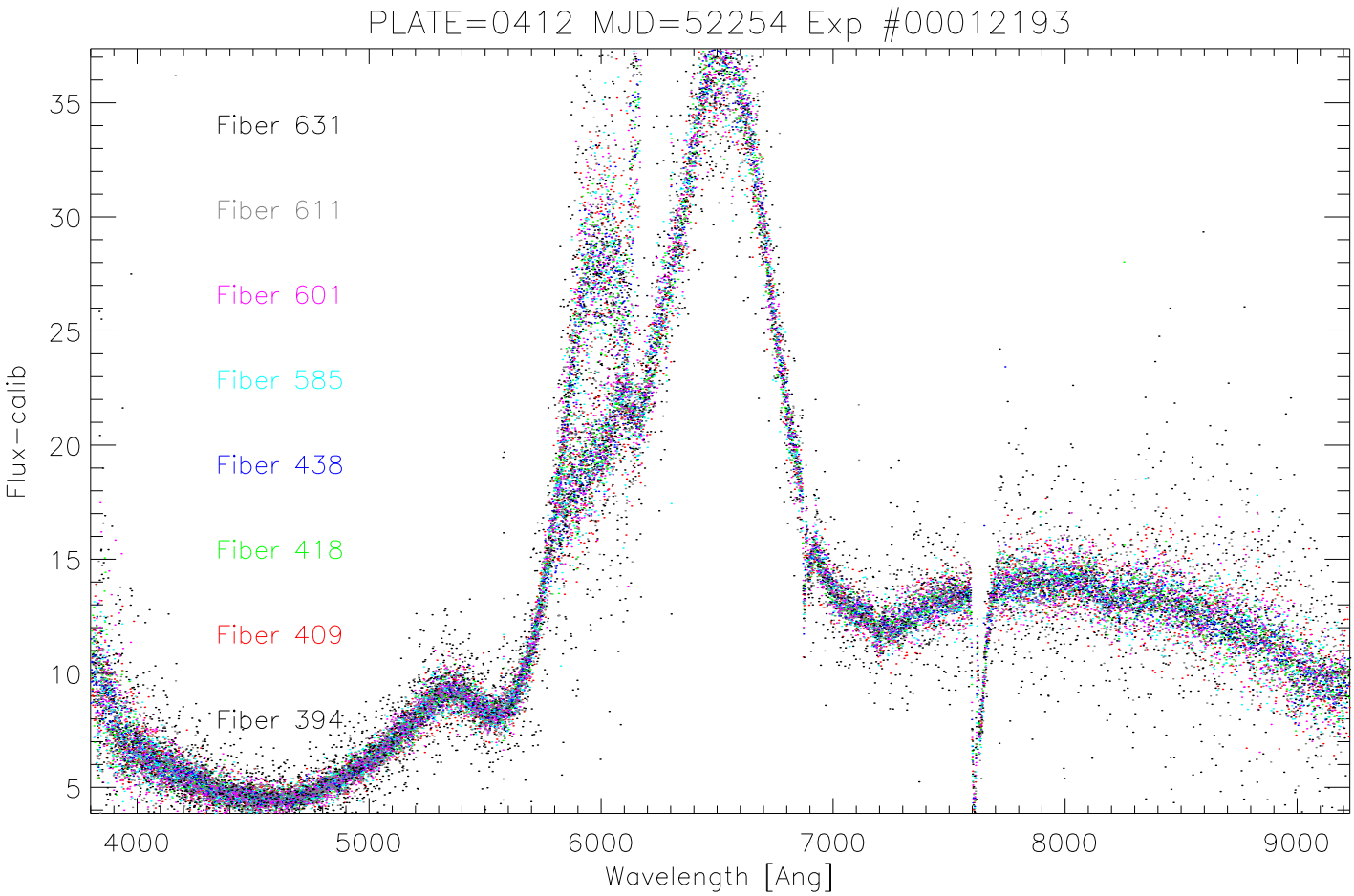

PLATE=0412 MJD=52254 Spectro-Photo Star Fiber 603
am05k2_5000_4.0.spc
Total $\chi^2$/DOF= 0.00
Lines $\chi^2$/DOF= 0.00
Fe/H=−0.5 $T_{eff}$= 5000. g=4.0 cz=−690.
Normalized Flux
Wavelength [Ang]

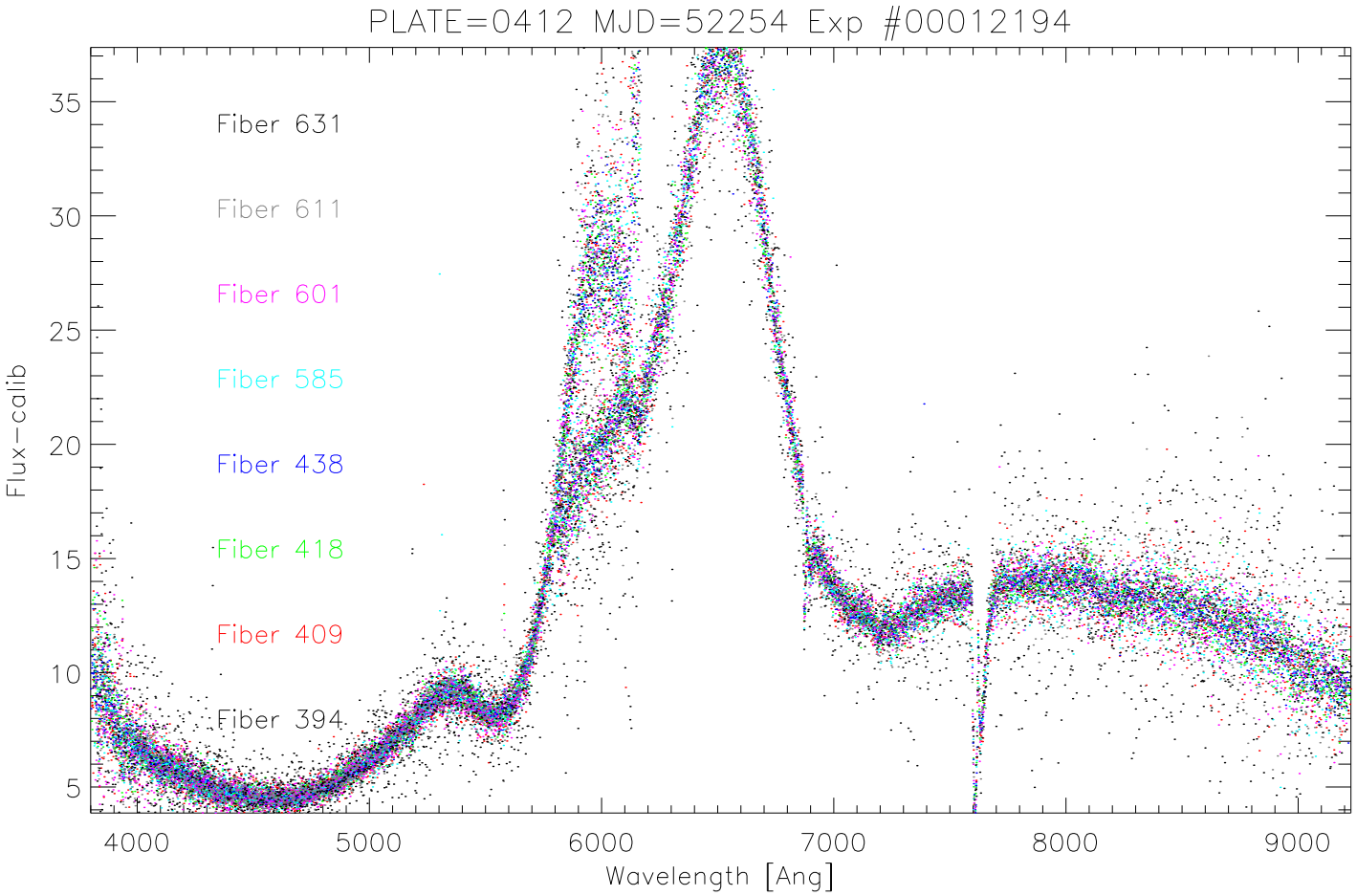

PLATE=0412 MJD=52254 Spectro-Photo Star Fiber 612
am20k2_6500_4.0.spc
Total $\chi^2$/DOF= 1.03
Lines $\chi^2$/DOF= 1.37
Fe/H=−2.0 $T_{eff}$= 6500. g=4.0 cz= 242.
Normalized Flux
Wavelength [Ang]

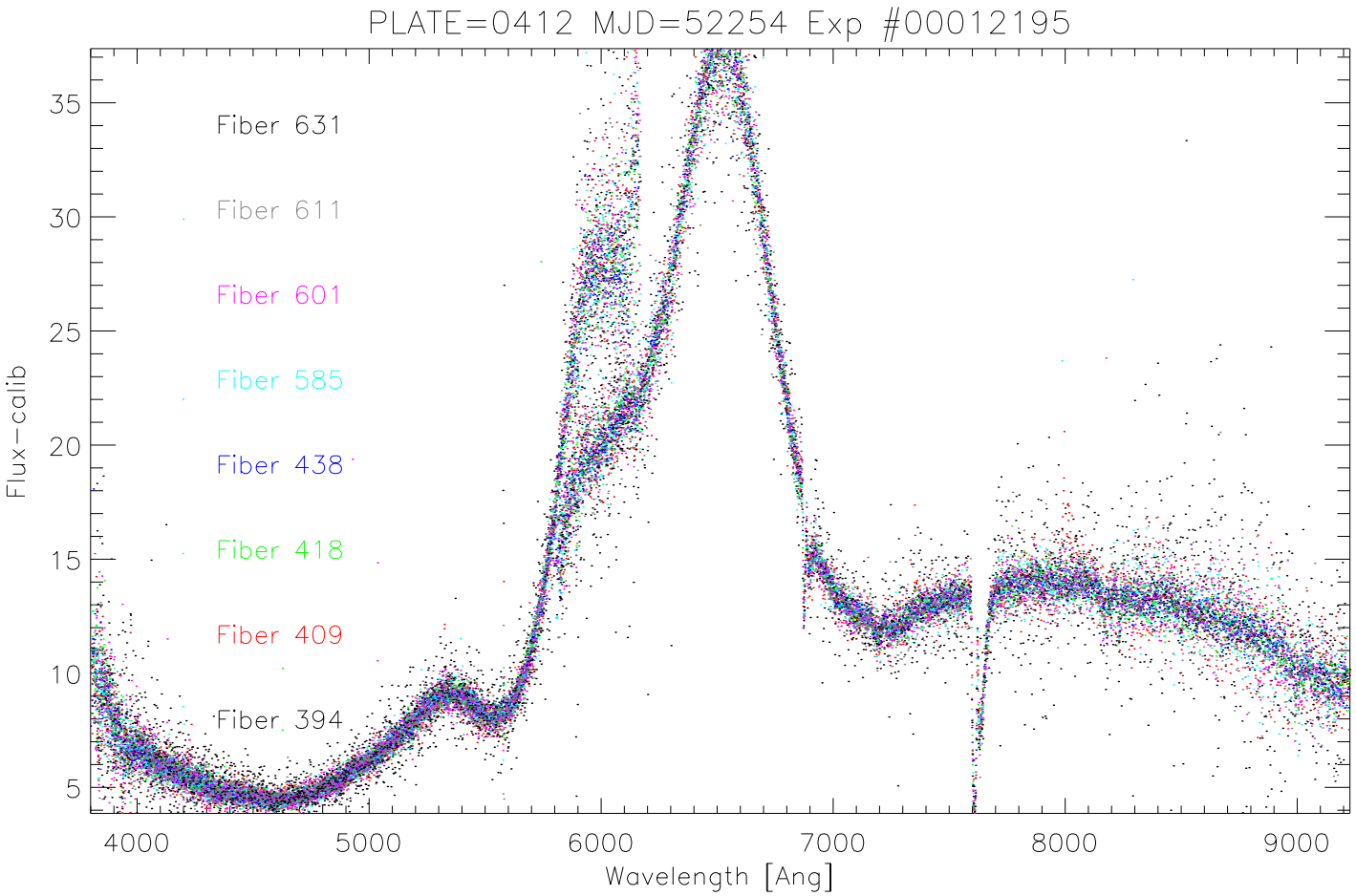

PLATE=0412 MJD=52254 Spectro-Photo Star Fiber 632
am10k2_6000_4.0.spc
Total $\chi^2$/DOF= 1.30
Lines $\chi^2$/DOF= 1.32
Fe/H=-1.0 $T_{eff}$= 6000. g=4.0 cz= 176.
Normalized Flux
Wavelength [Ang]

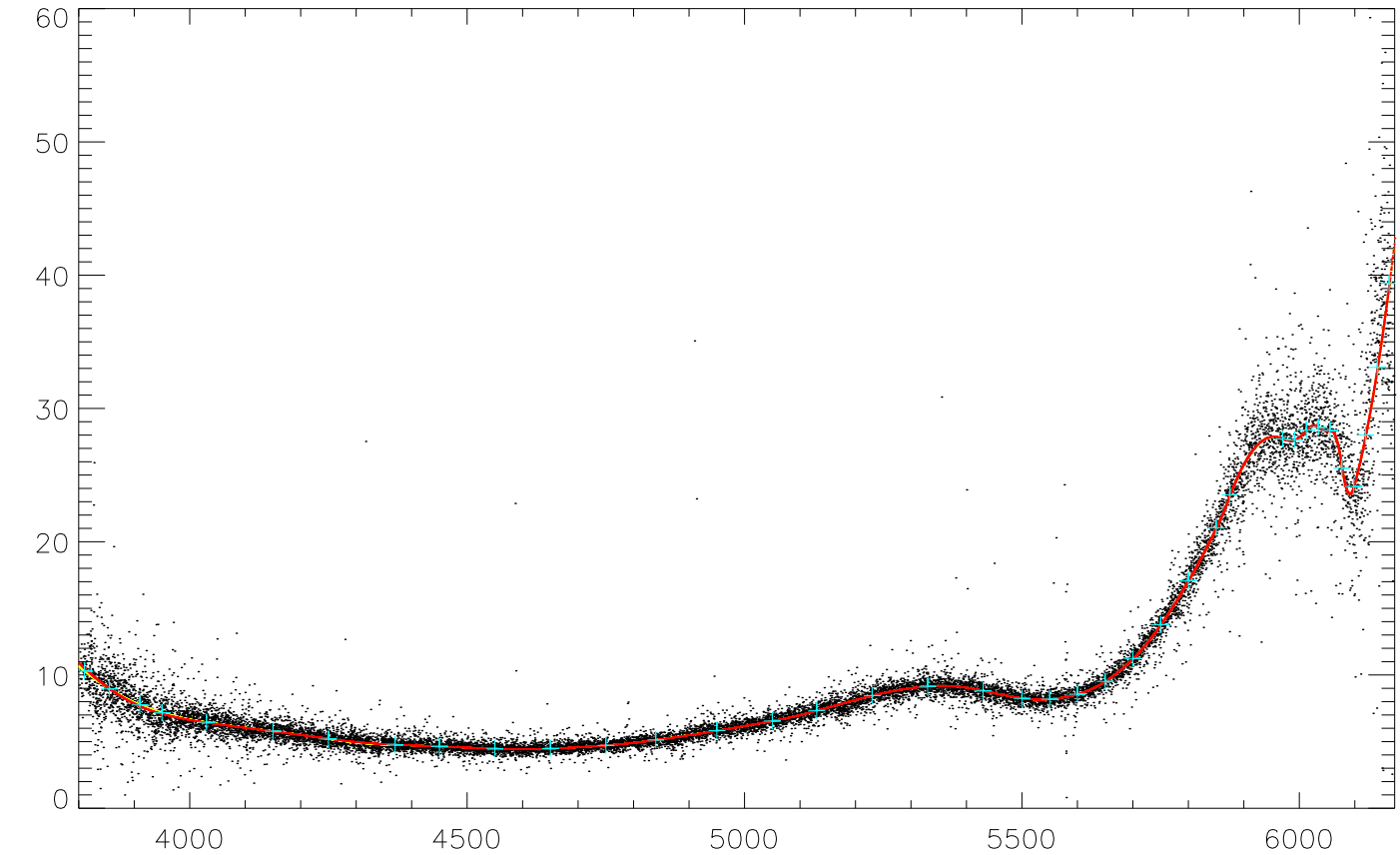

Normalized Flux
Wavelength [Ang]


PLATE=0412 MJD=52254 Exp #00012192
Fiber 631
Fiber 611
Fiber 601
Fiber 585
Fiber 438
Fiber 418
Fiber 409
Fiber 394
Flux−calib
Wavelength [Ang]


PLATE=0412 MJD=52254 Exp #00012193
Fiber 631
Fiber 611
Fiber 601
Fiber 585
Fiber 438
Fiber 418
Fiber 409
Fiber 394
Flux−calib
Wavelength [Ang]


PLATE=0412 MJD=52254 Exp #00012194
Fiber 631
Fiber 611
Fiber 601
Fiber 585
Fiber 438
Fiber 418
Fiber 409
Fiber 394
Flux−calib
Wavelength [Ang]
5
10
15
20
25
30
35
4000
5000
6000
7000
8000
9000


PLATE=0412 MJD=52254 Exp #00012195
Fiber 631
Fiber 611
Fiber 601
Fiber 585
Fiber 438
Fiber 418
Fiber 409
Fiber 394
Flux−calib
Wavelength [Ang]
5
10
15
20
25
30
35
4000
5000
6000
7000
8000
9000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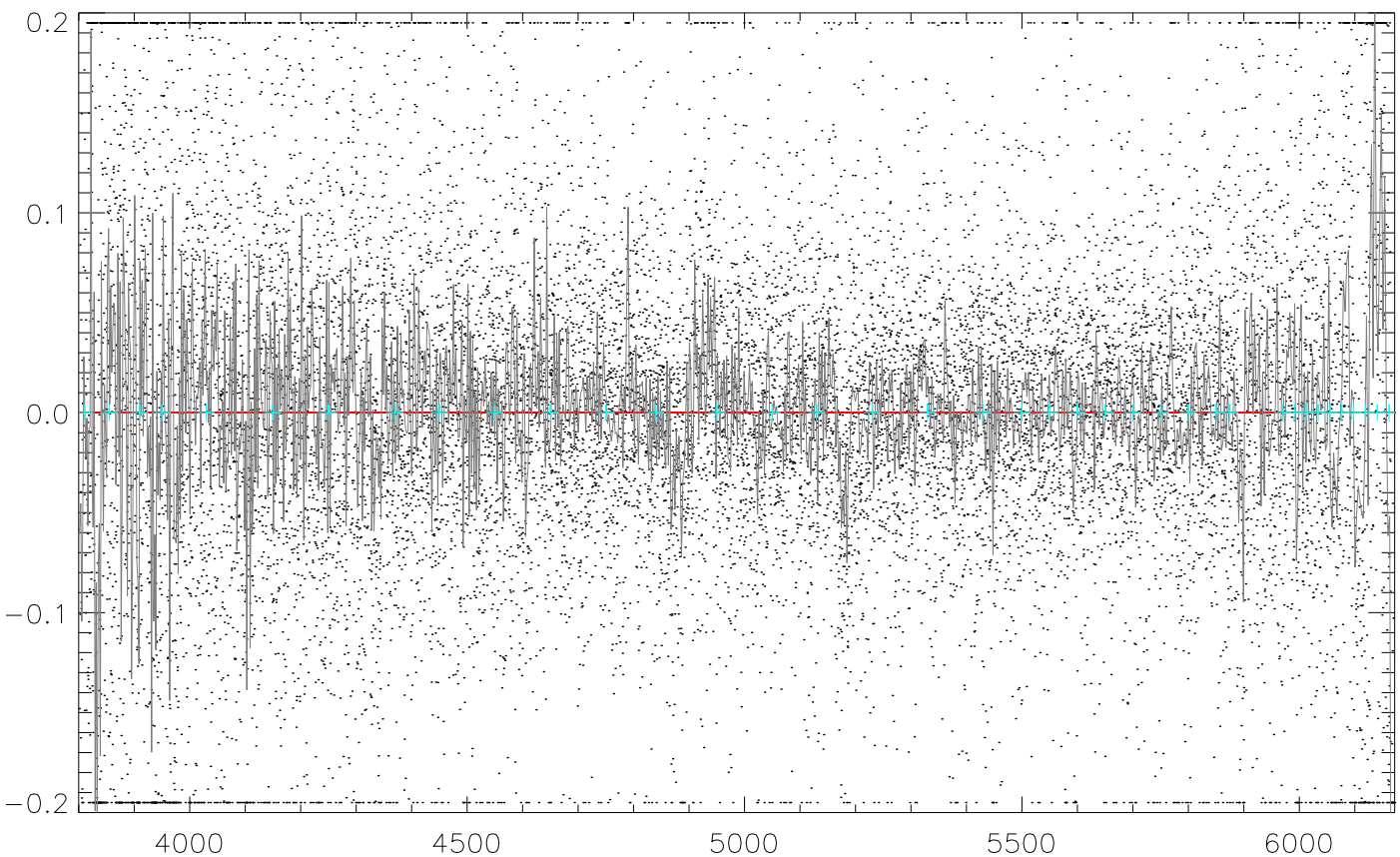
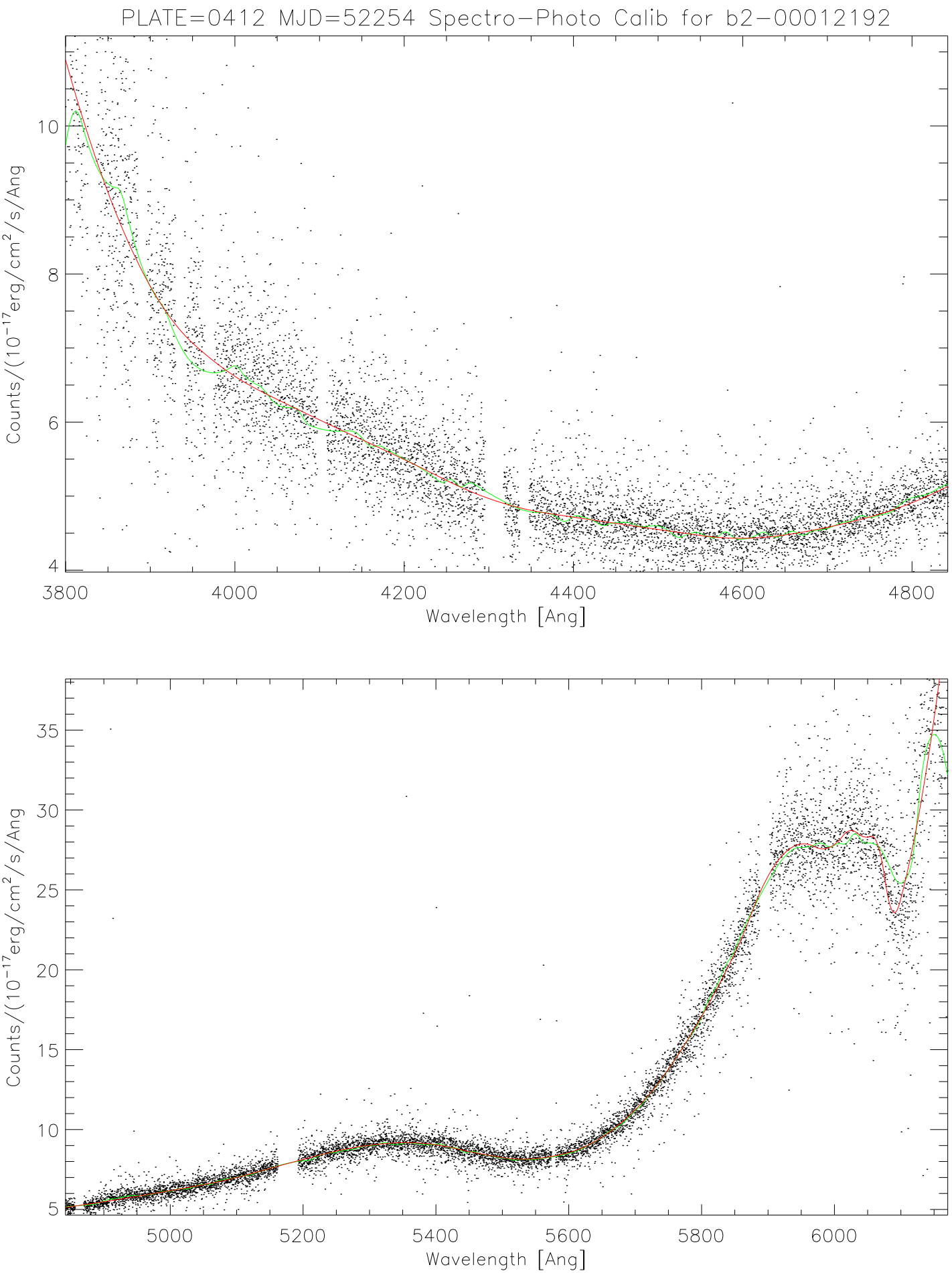
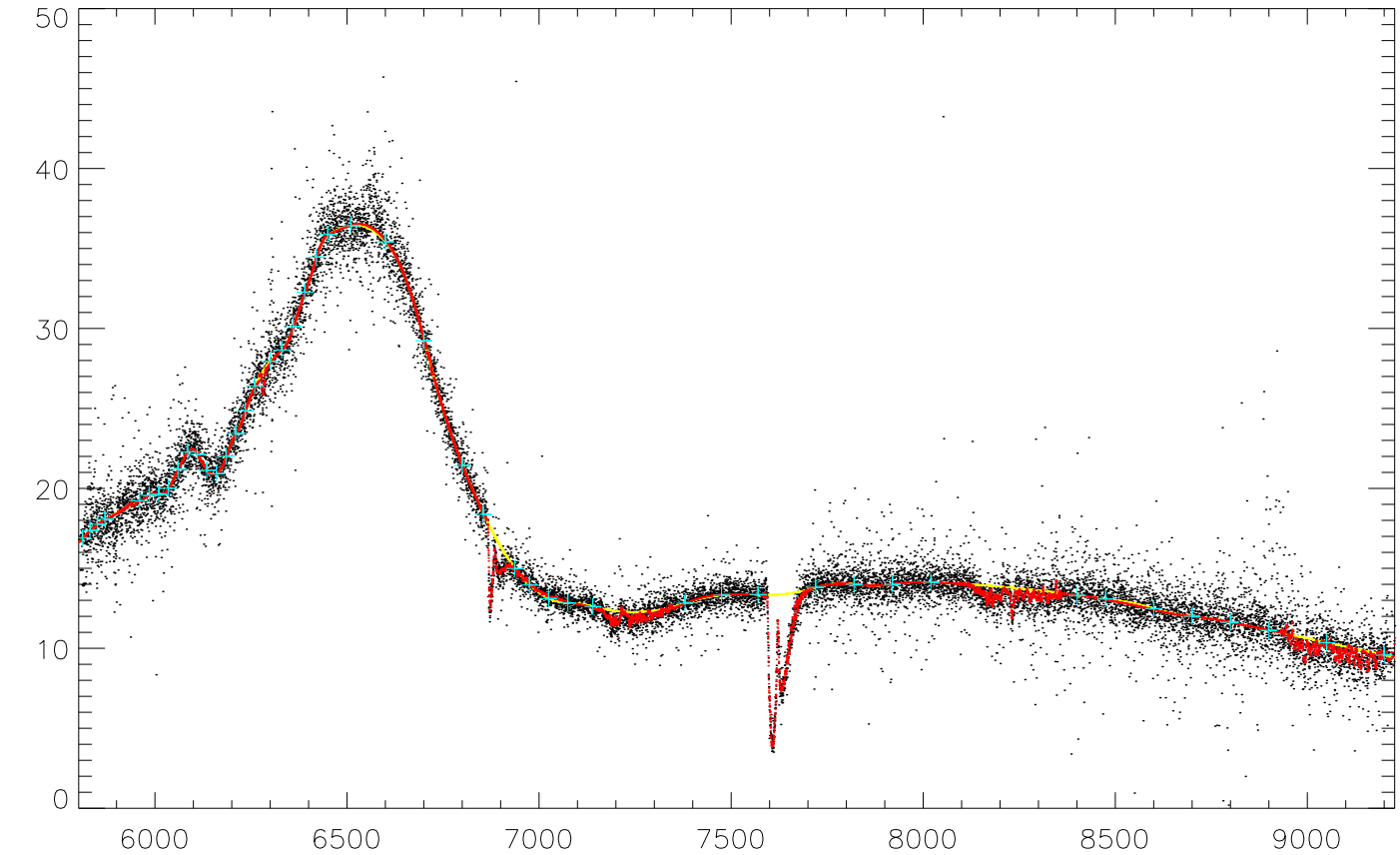
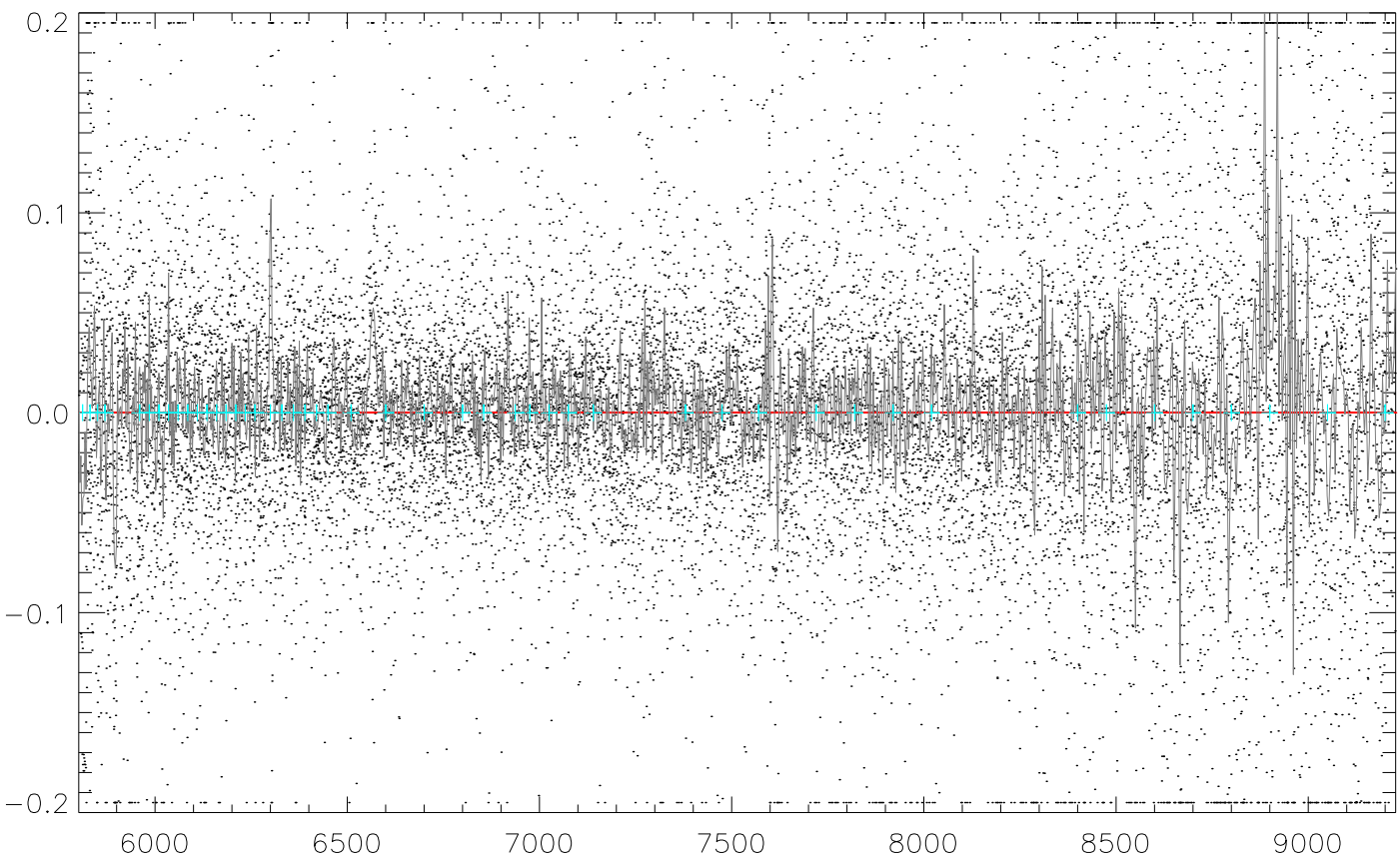
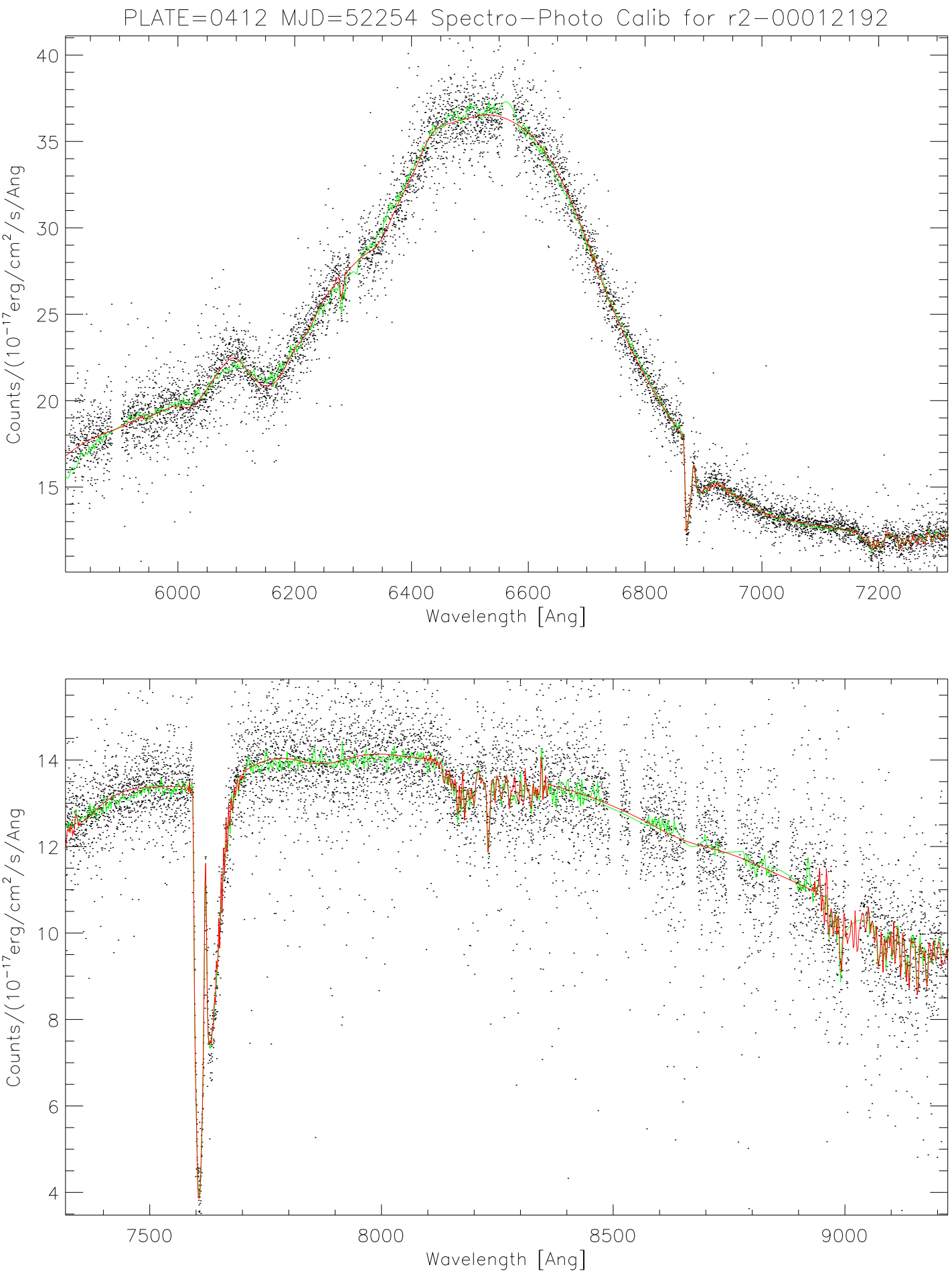
50
40
30
20
10
0
4000
4500
5000
5500
6000

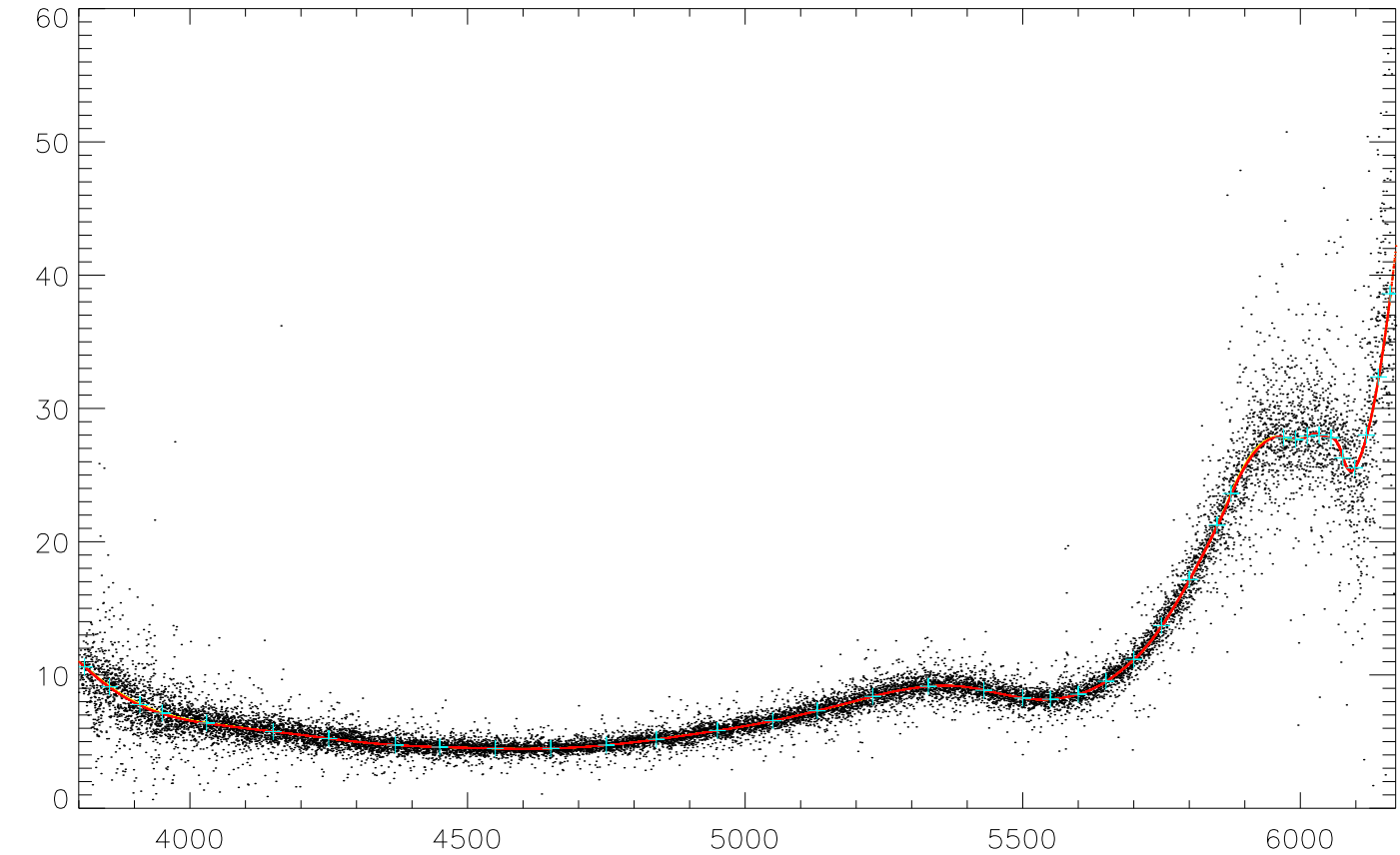

0.2
0.1
0.0
−0.1
−0.2
4000
4500
5000
5500
6000


PLATE=0412 MJD=52254 Spectro−Photo Calib for b2−00012192
Counts/(10^-17erg/cm^2/s/Ang
Wavelength [Ang]
3800
4000
4200
4400
4600
4800
4
6
8
10
5000
5200
5400
5600
5800
6000
5
10
15
20
25
30
35


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=0412 MJD=52254 Spectro−Photo Calib for r2−00012192
Counts/(10^-17erg/cm^2/s/Ang
40
35
30
25
20
15
6000
6200
6400
6600
6800
7000
7200
Wavelength [Ang]
Counts/(10^-17erg/cm^2/s/Ang
14
12
10
8
6
4
7500
8000
8500
9000
Wavelength [Ang]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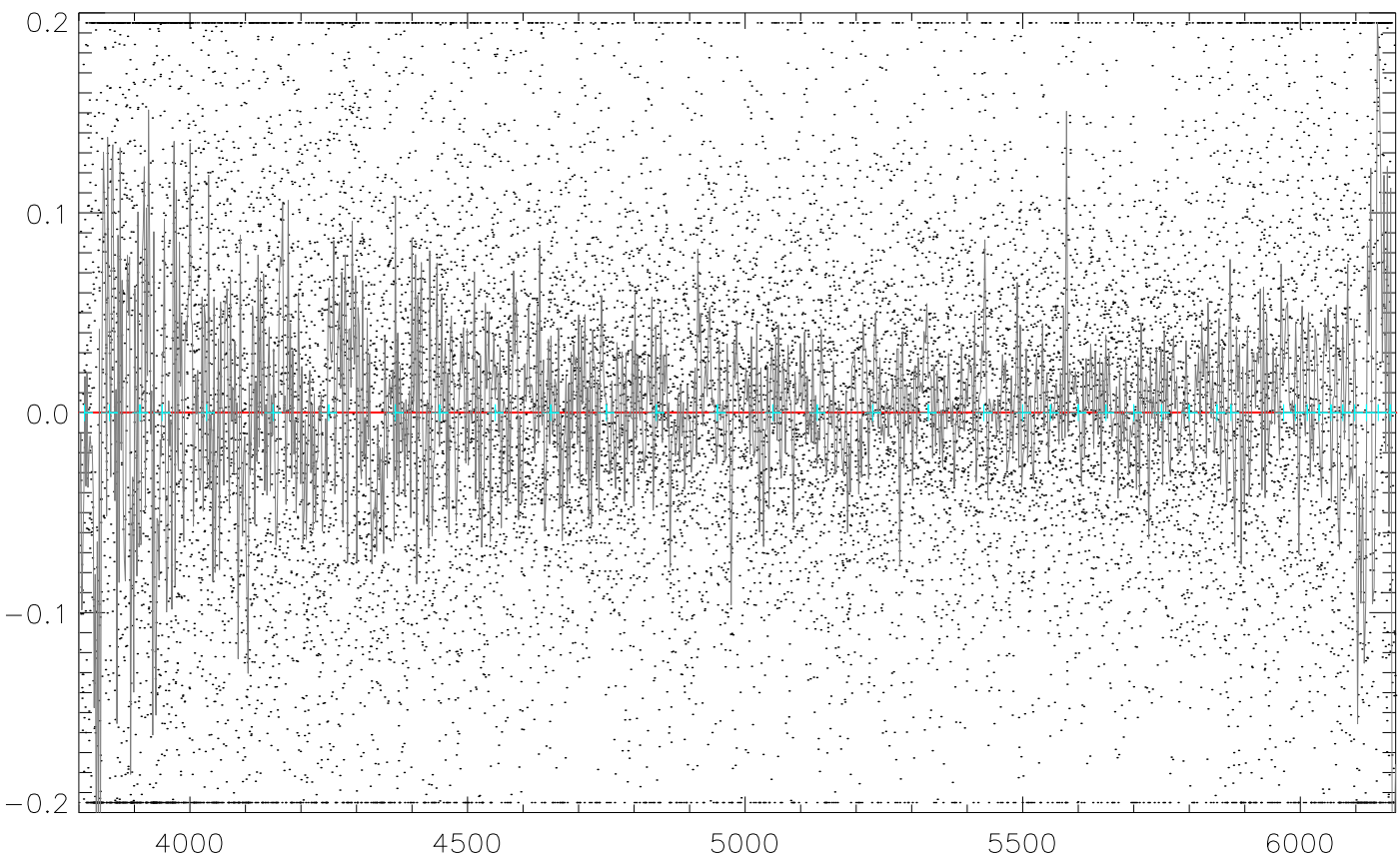
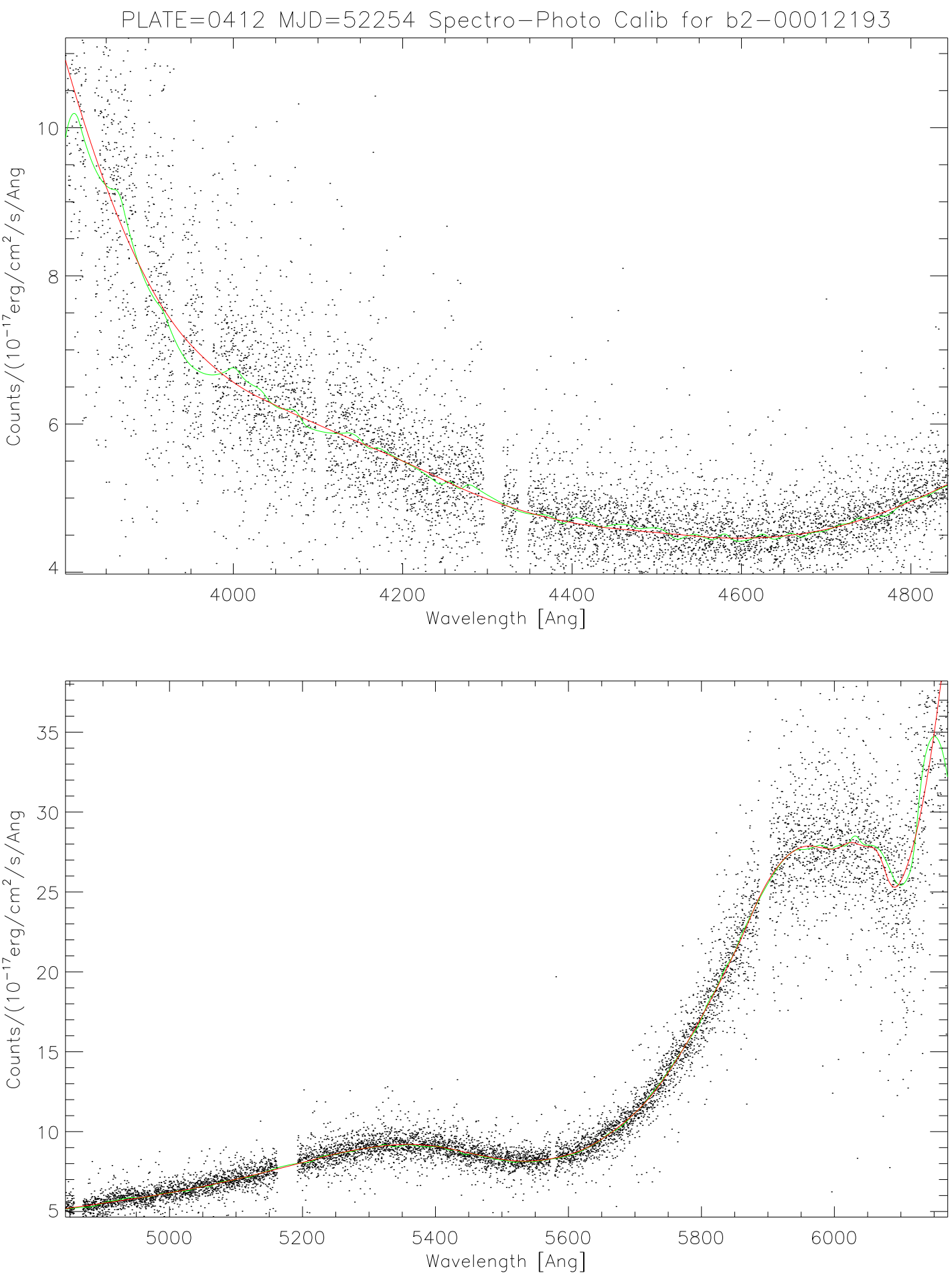
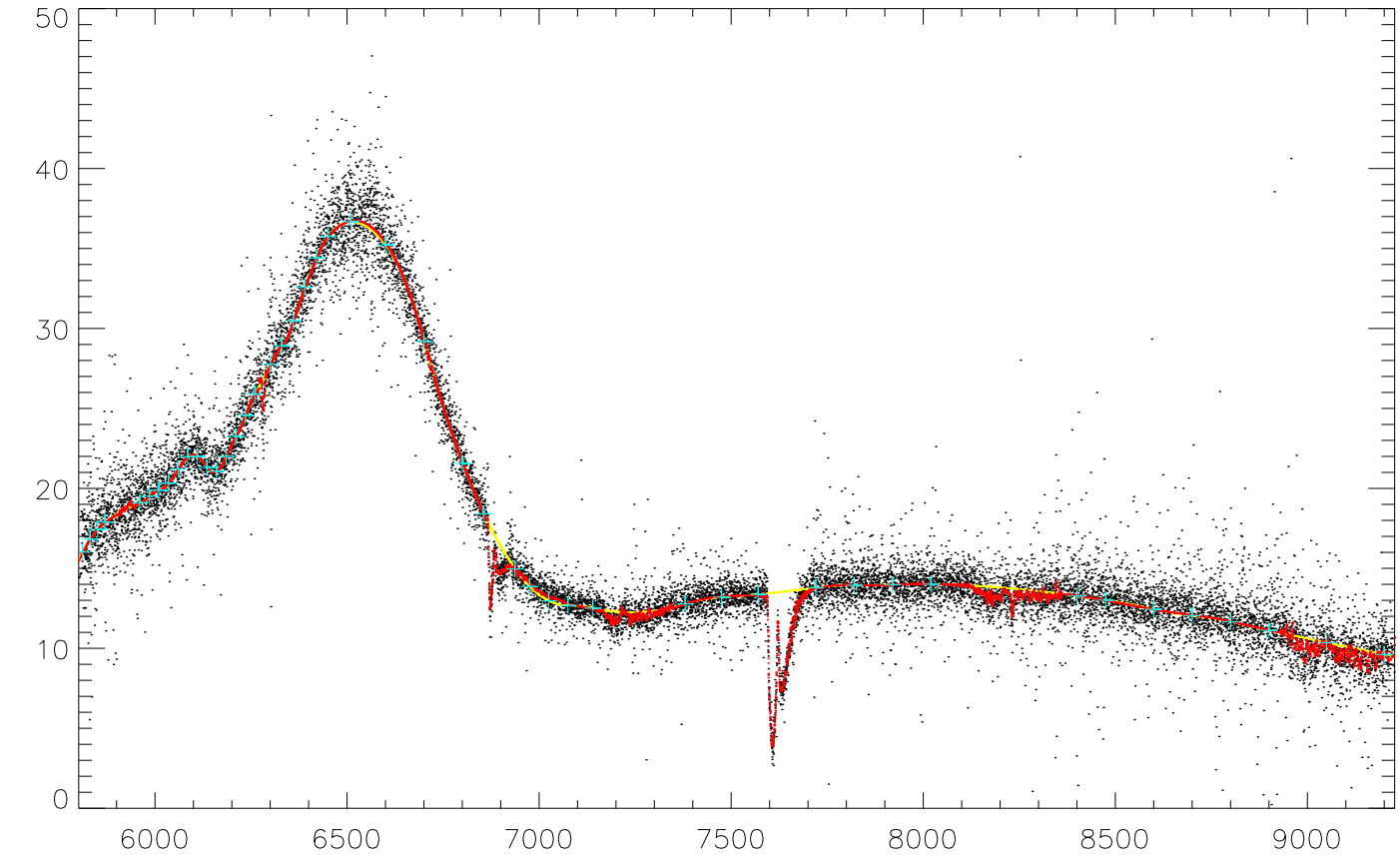
40
30
20
10
0
4000
4500
5000
5500
6000


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


PLATE=0412 MJD=52254 Spectro−Photo Calib for b2−00012193
Counts/(10^-17erg/cm^2/s/Ang
Wavelength [Ang]
4
6
8
10
4000
4200
4400
4600
4800
Counts/(10^-17erg/cm^2/s/Ang
Wavelength [Ang]
5
10
15
20
25
30
35
5000
5200
5400
5600
5800
6000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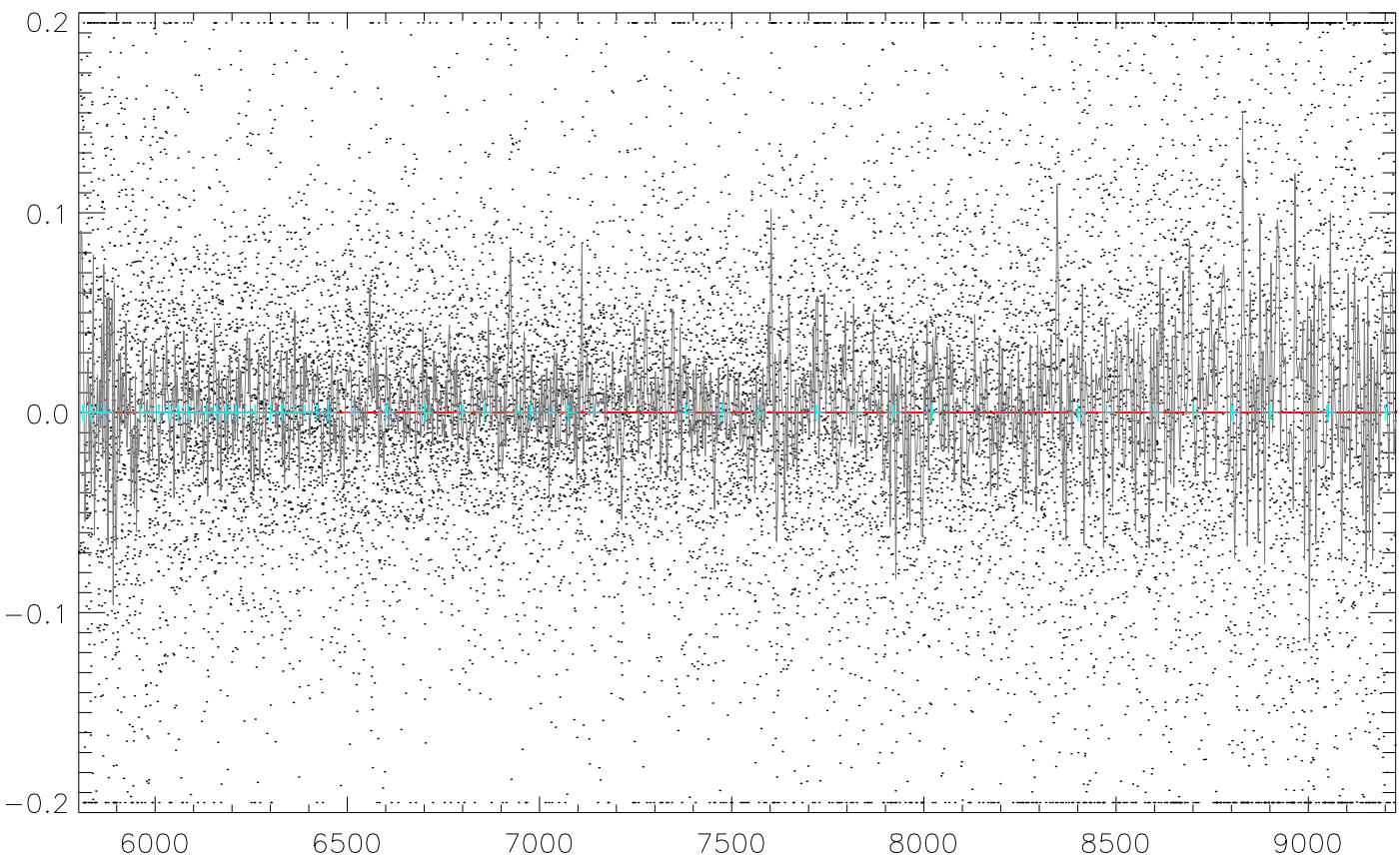
30
20
10
0
6000
6500
7000
7500
8000
8500
9000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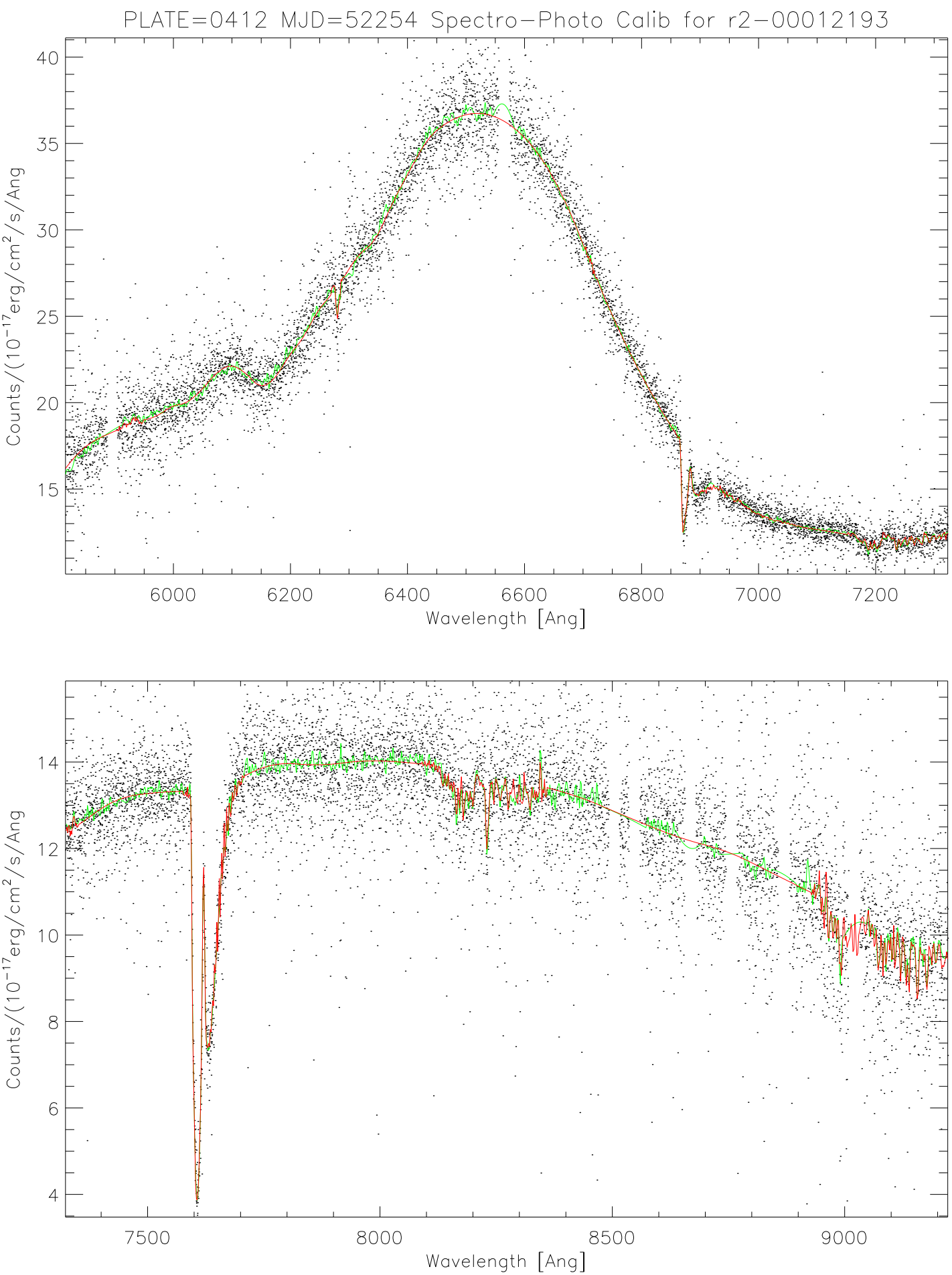
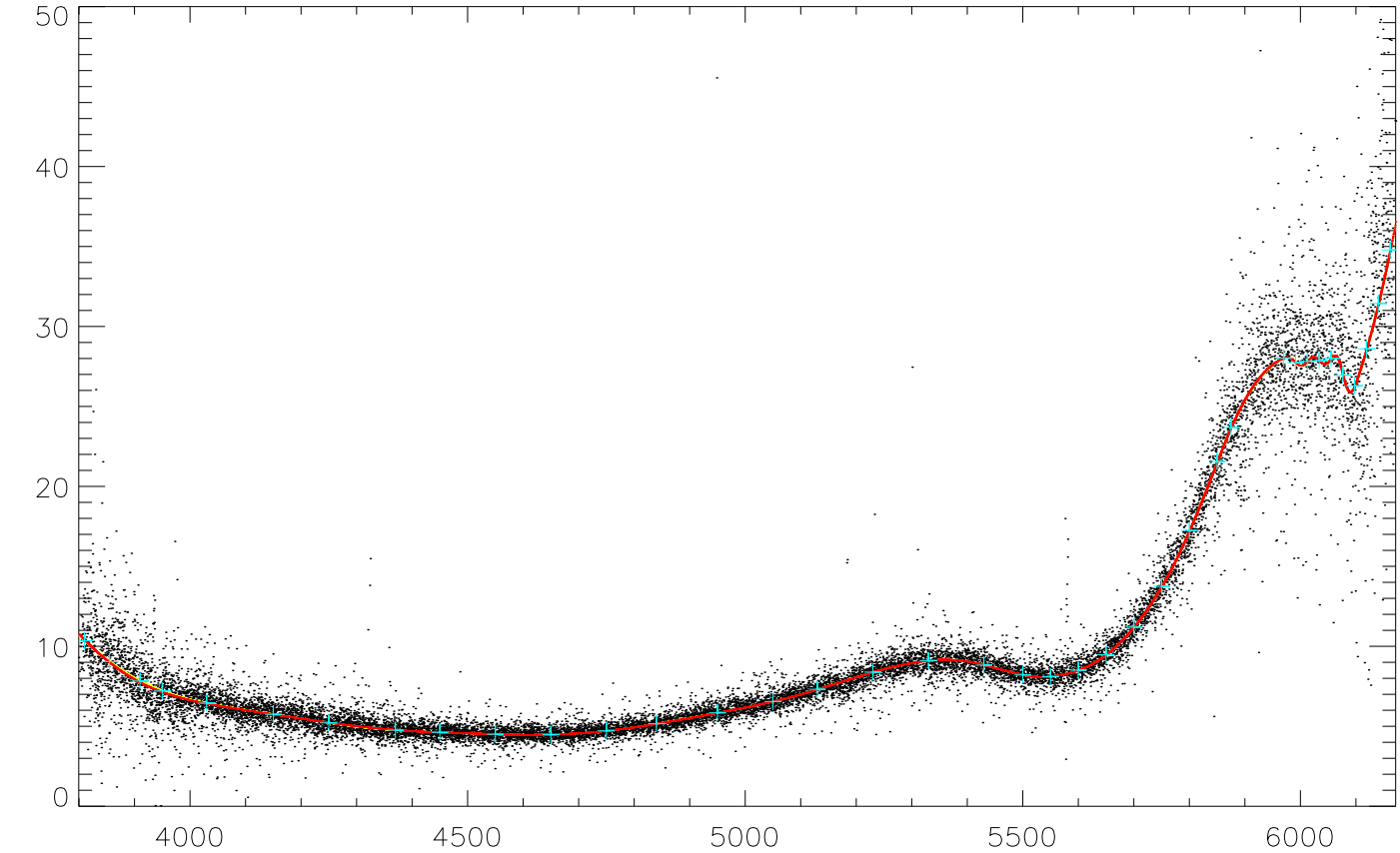
0.1
0.0
−0.1
−0.2
6000
6500
7000
7500
8000
8500
9000


PLATE=0412 MJD=52254 Spectro−Photo Calib for r2−00012193
Counts/(10^-17erg/cm^2/s/Ang
Wavelength [Ang]
40
35
30
25
20
15
6000
6200
6400
6600
6800
7000
7200
Counts/(10^-17erg/cm^2/s/Ang
Wavelength [Ang]
14
12
10
8
6
4
7500
8000
8500
9000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40
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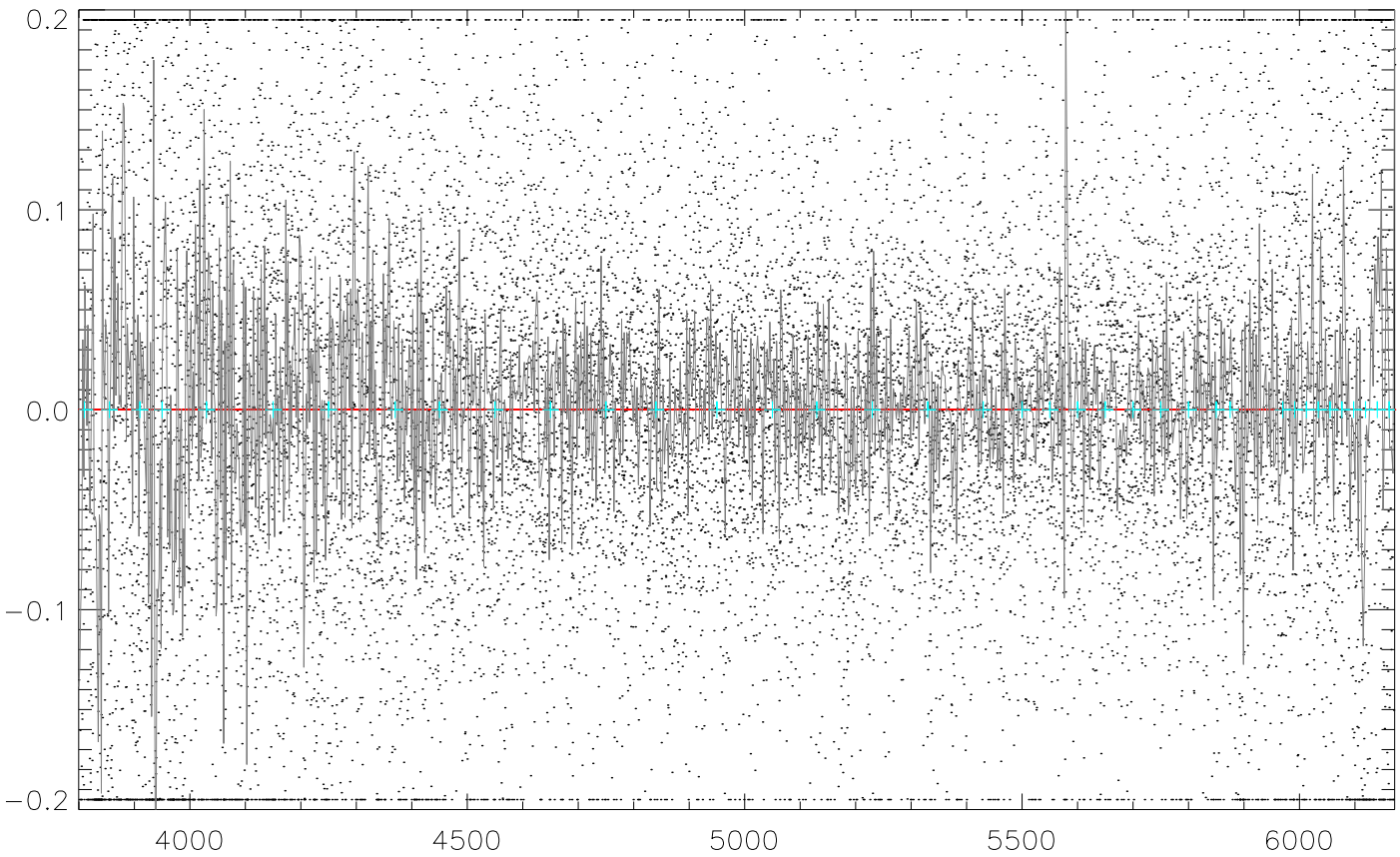
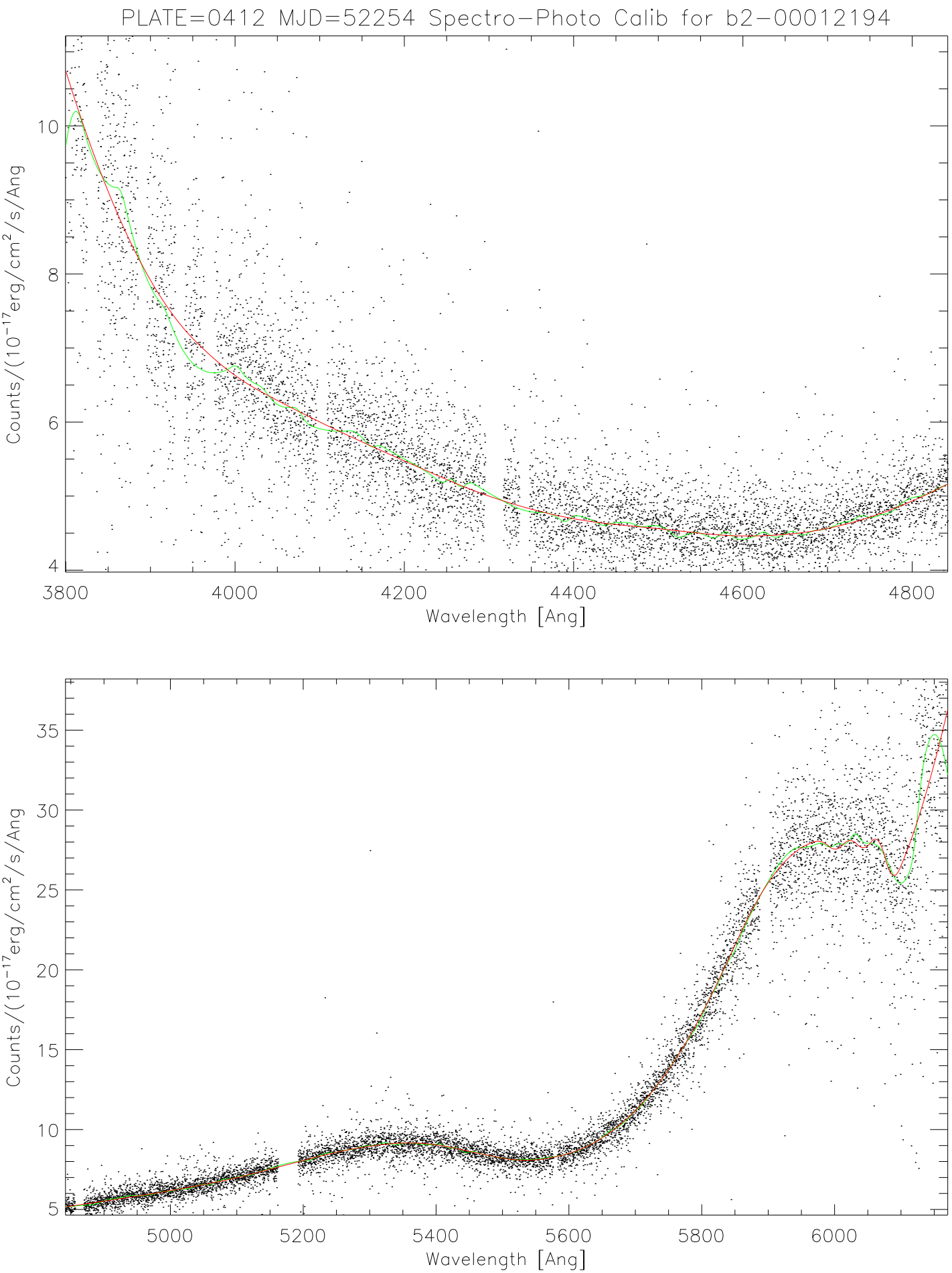
20
10
0
4000
4500
5000
5500
6000


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


PLATE=0412 MJD=52254 Spectro−Photo Calib for b2−00012194
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
3800
4000
4200
4400
4600
4800
4
6
8
10
5000
5200
5400
5600
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6000
5
10
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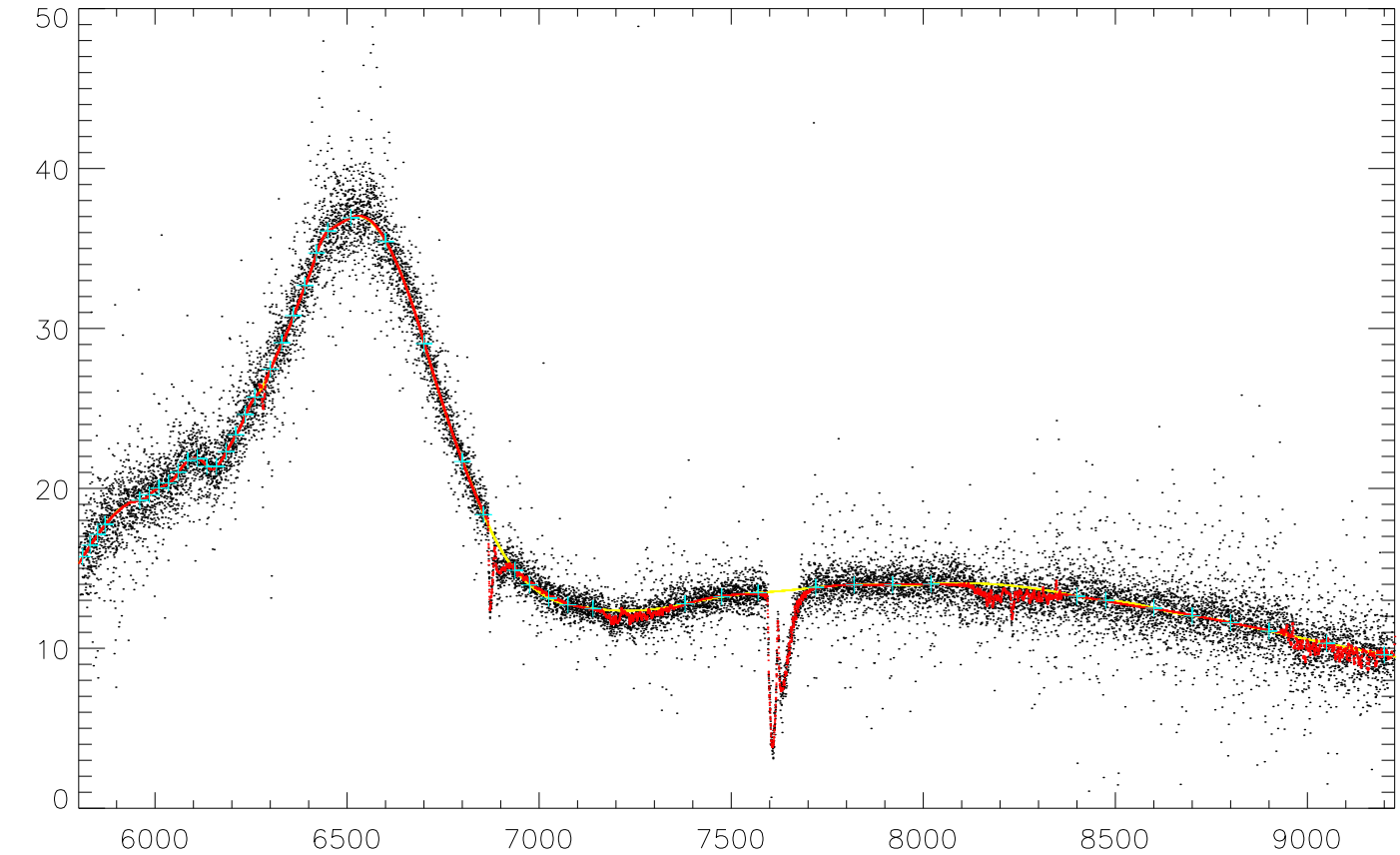
20
25
30
35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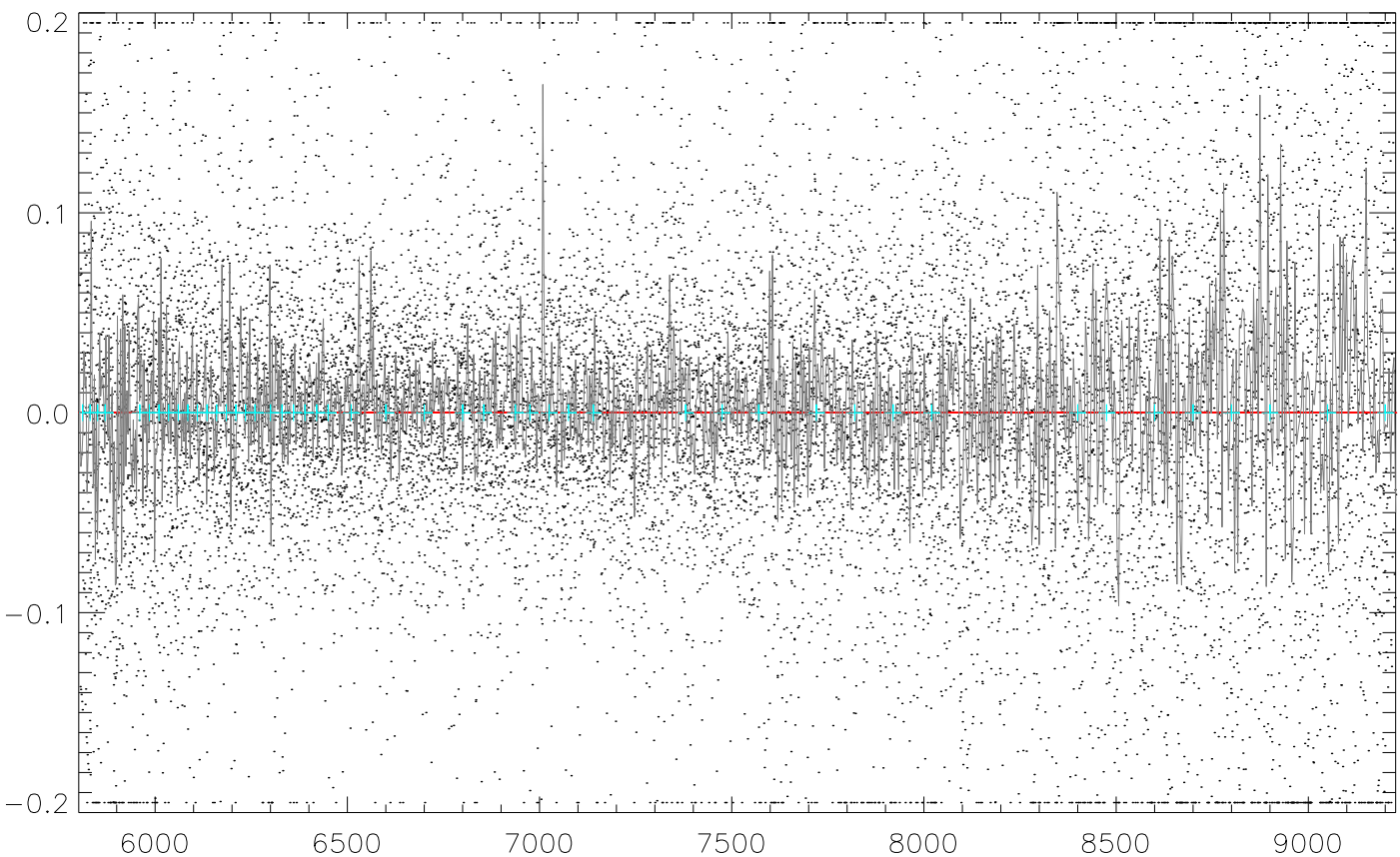
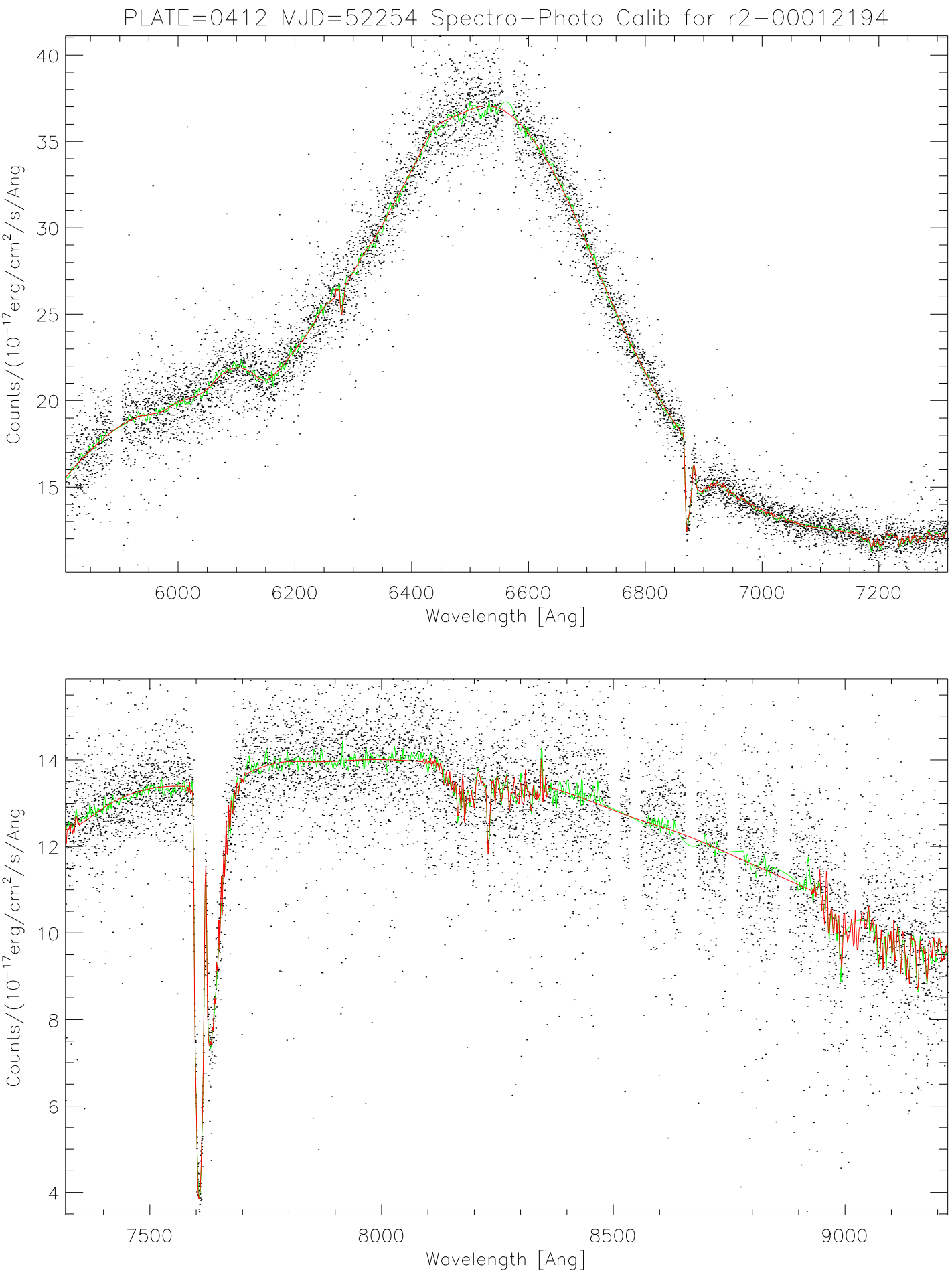
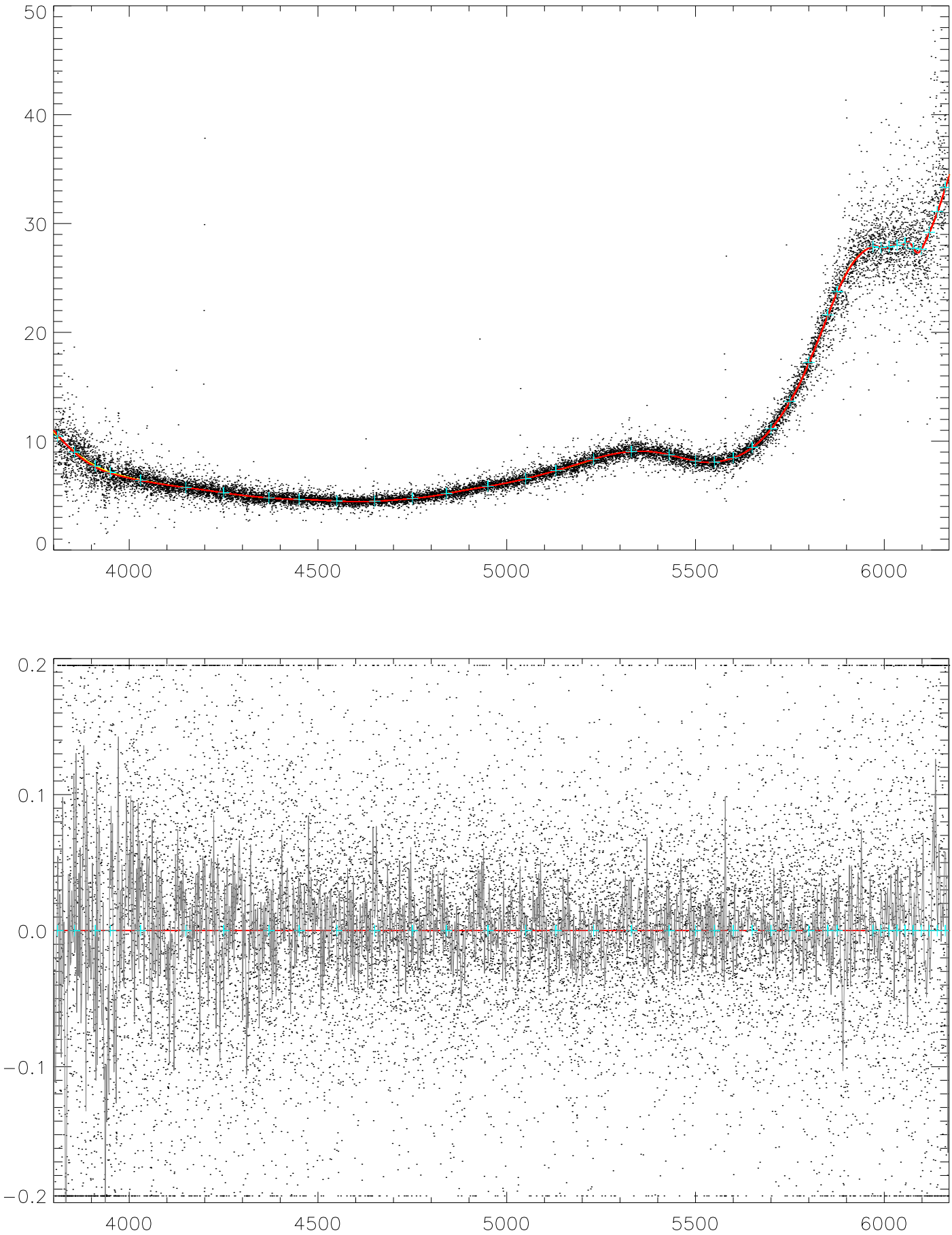
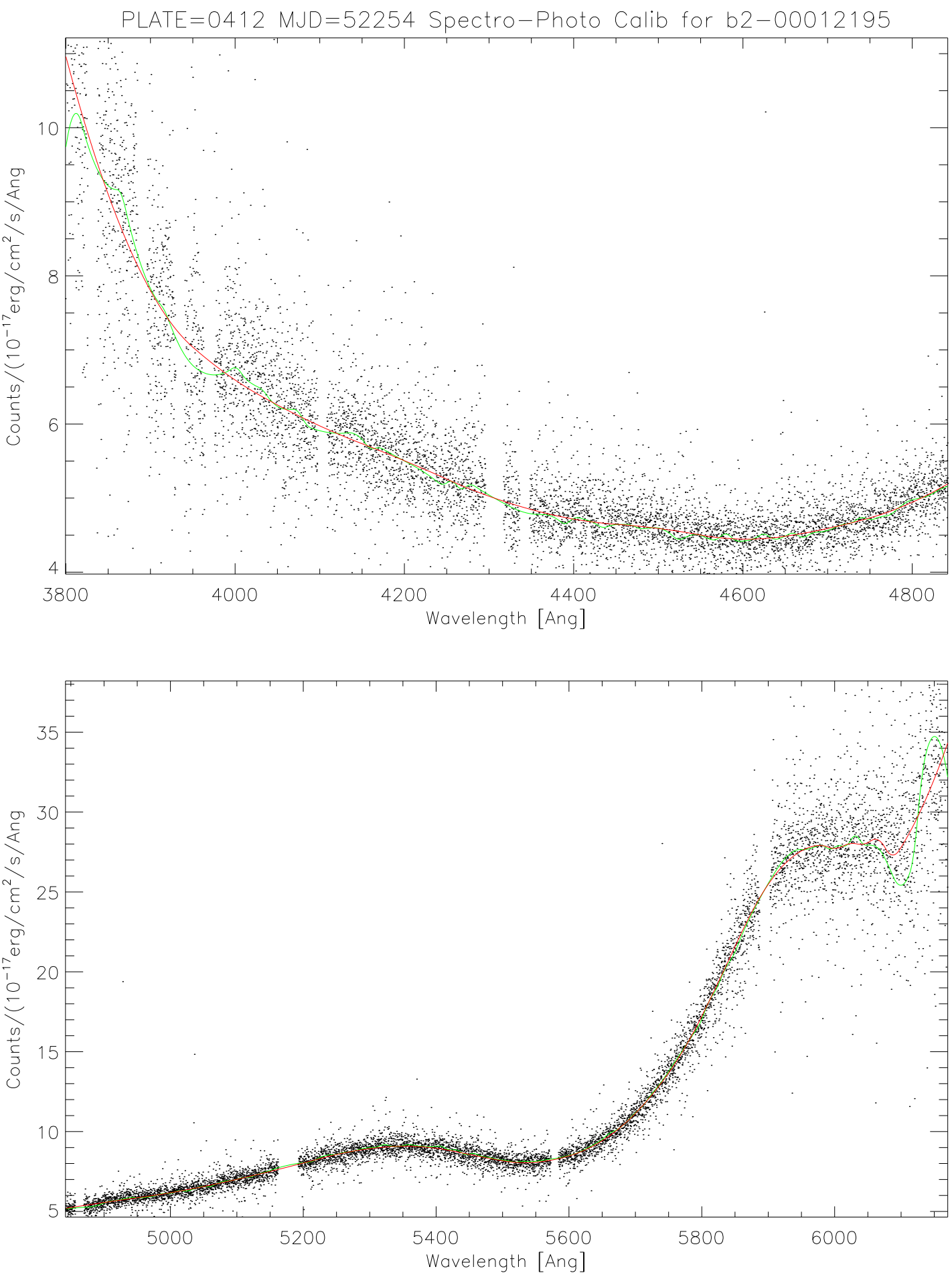
20
10
0
6000
6500
7000
7500
8000
8500
9000


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


PLATE=0412 MJD=52254 Spectro−Photo Calib for r2−00012194
Counts/(10^-17erg/cm^2/s/Ang
40
35
30
25
20
15
6000
6200
6400
6600
6800
7000
7200
Wavelength [Ang]
Counts/(10^-17erg/cm^2/s/Ang
14
12
10
8
6
4
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=0412 MJD=52254 Spectro−Photo Calib for b2−00012195
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
3800
4000
4200
4400
4600
4800
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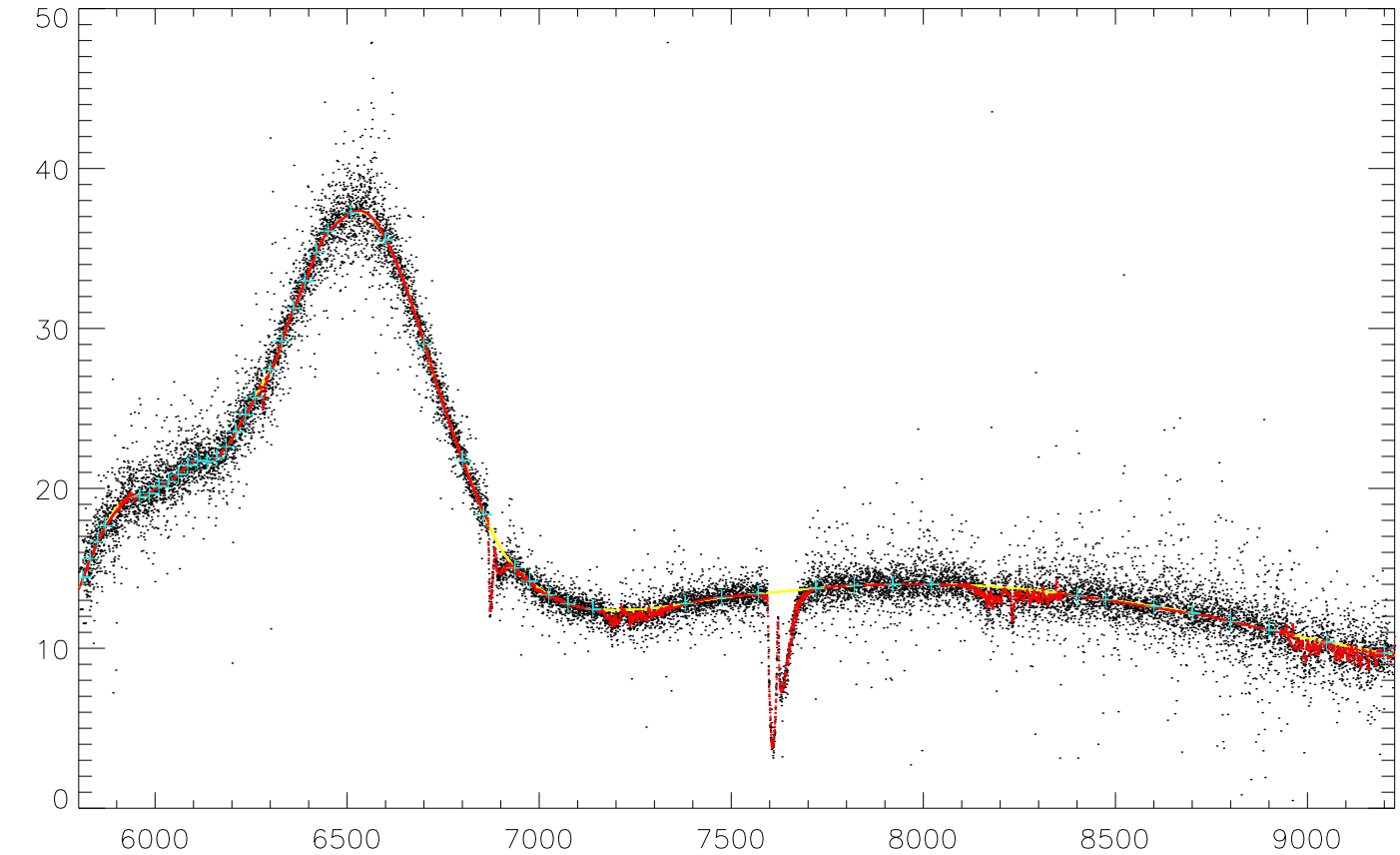
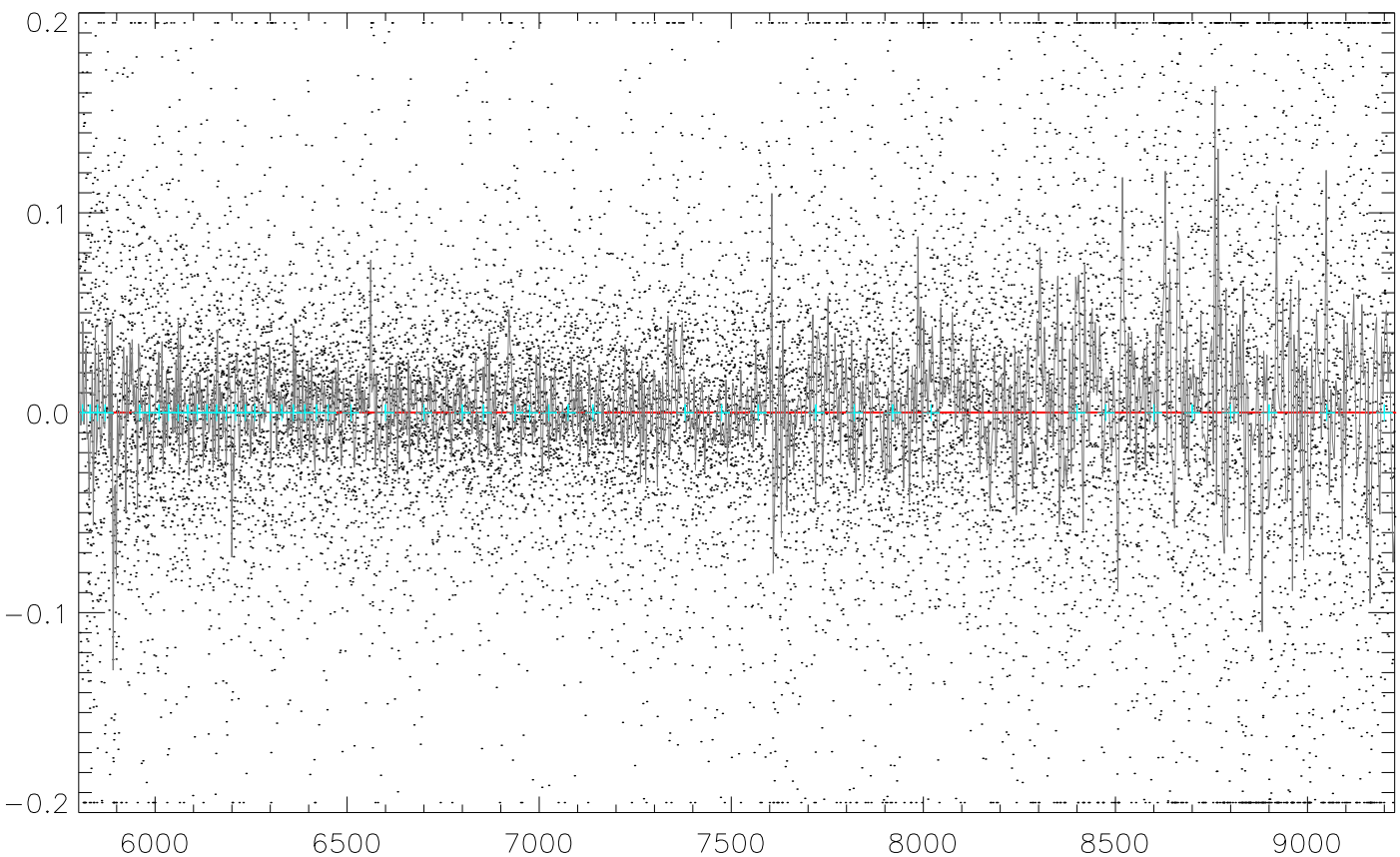
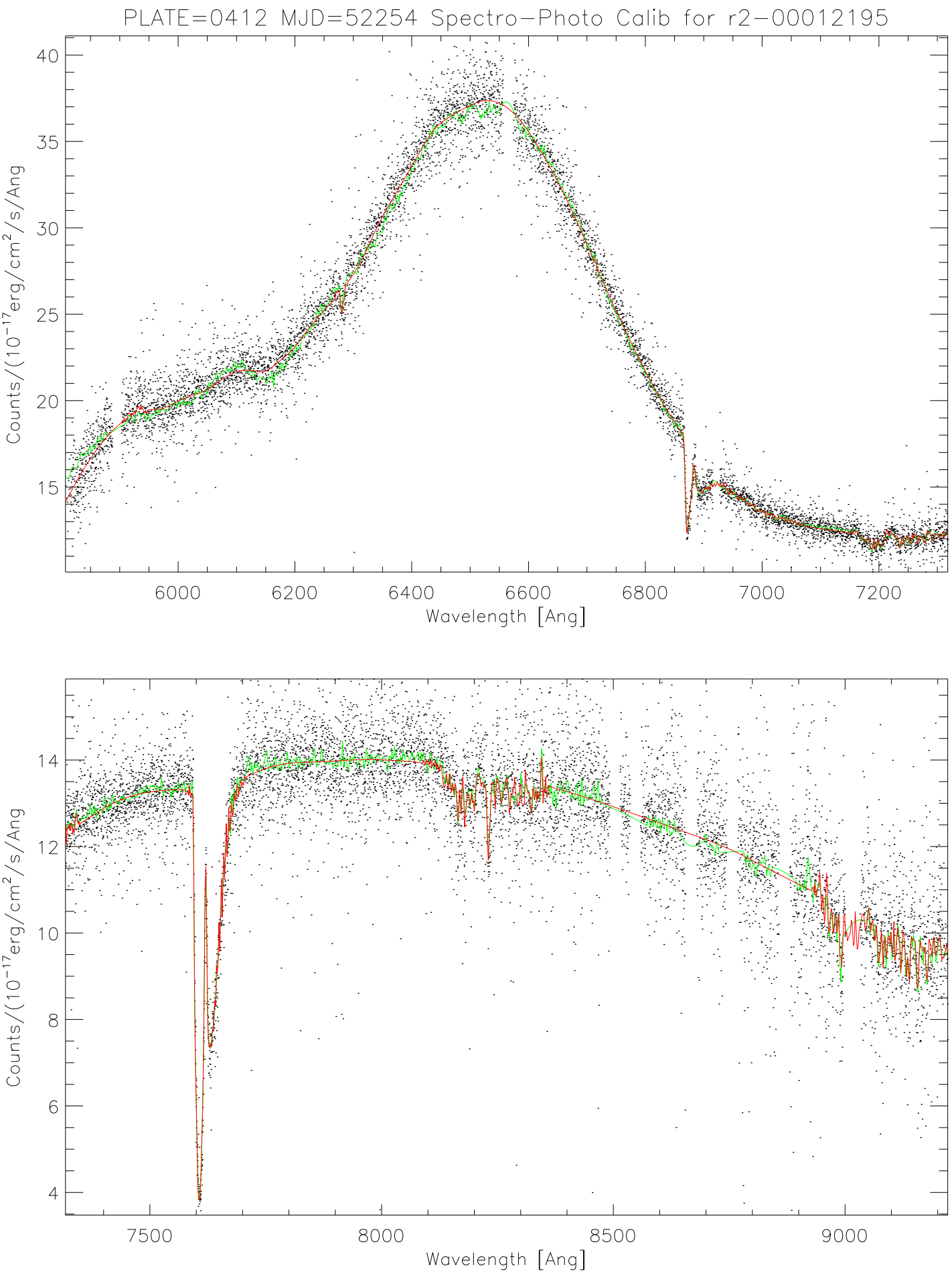
10
15
20
25
30
35


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=0412 MJD=52254 Spectro−Photo Calib for r2−00012195
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
40
35
30
25
20
15
6000
6200
6400
6600
6800
7000
7200
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
14
12
10
8
6
4
7500
8000
8500
9000