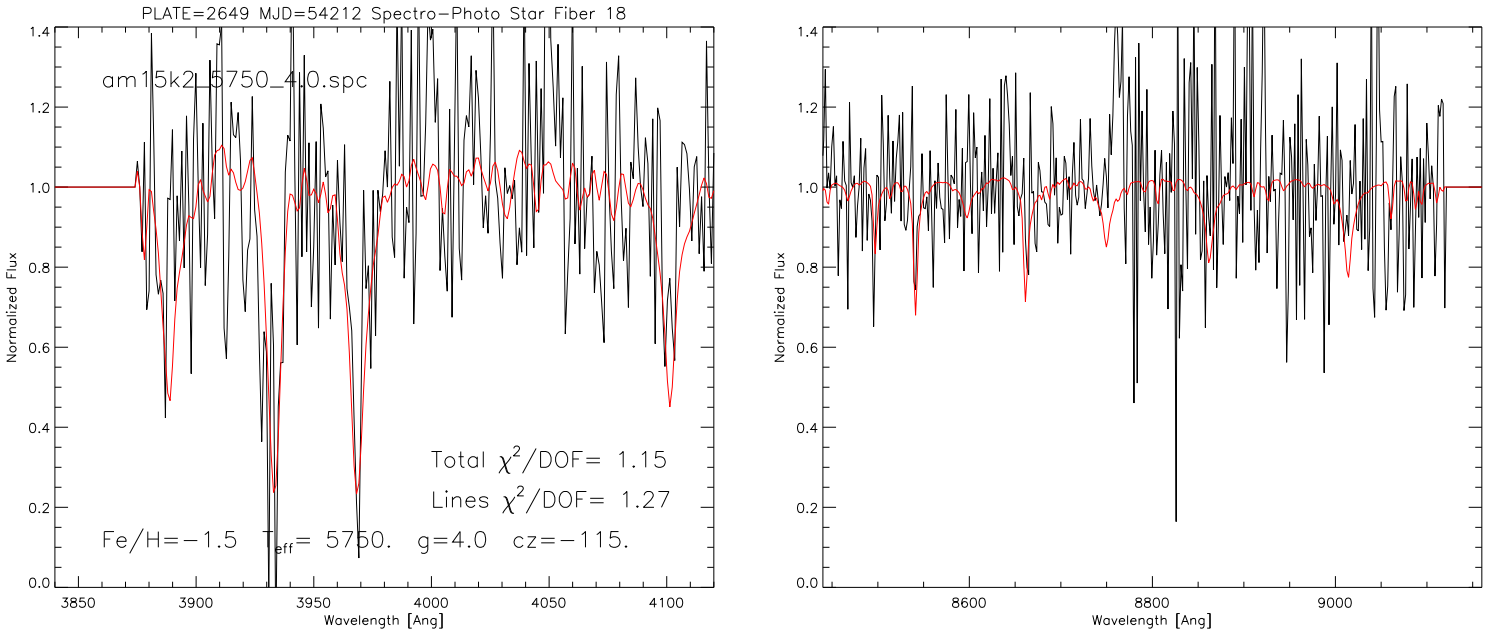
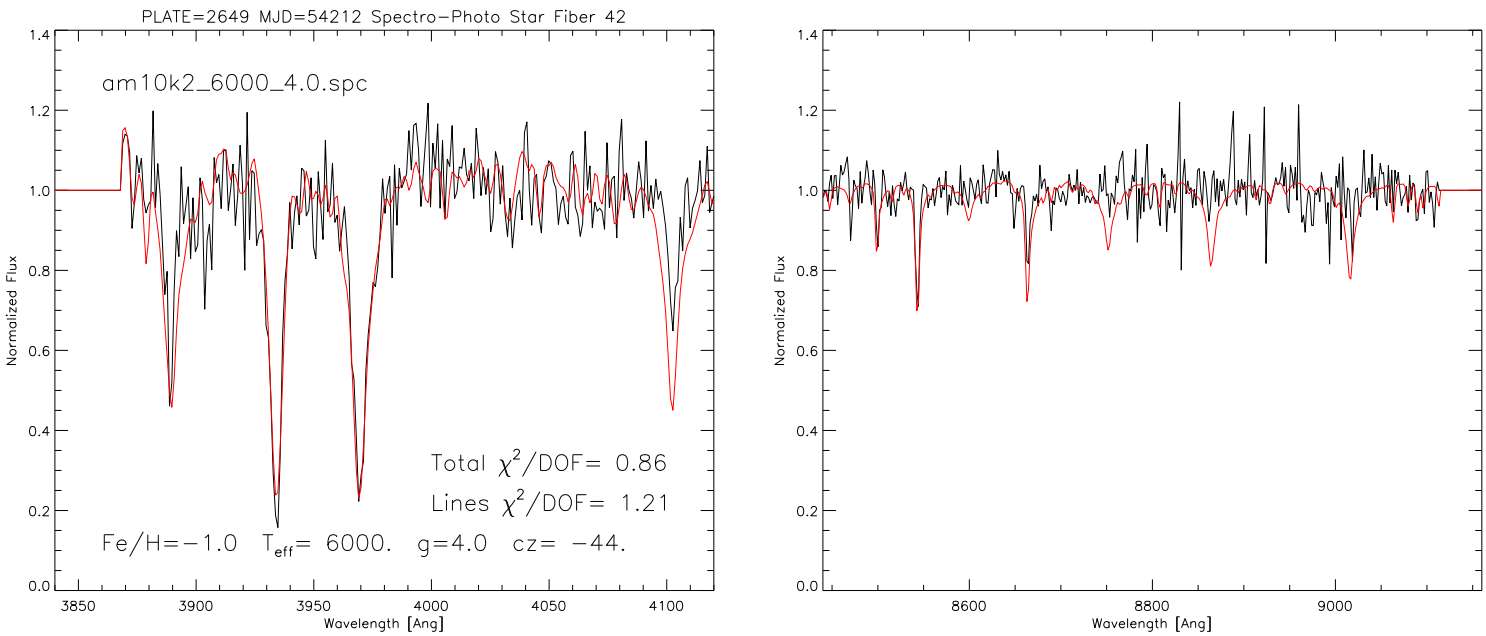
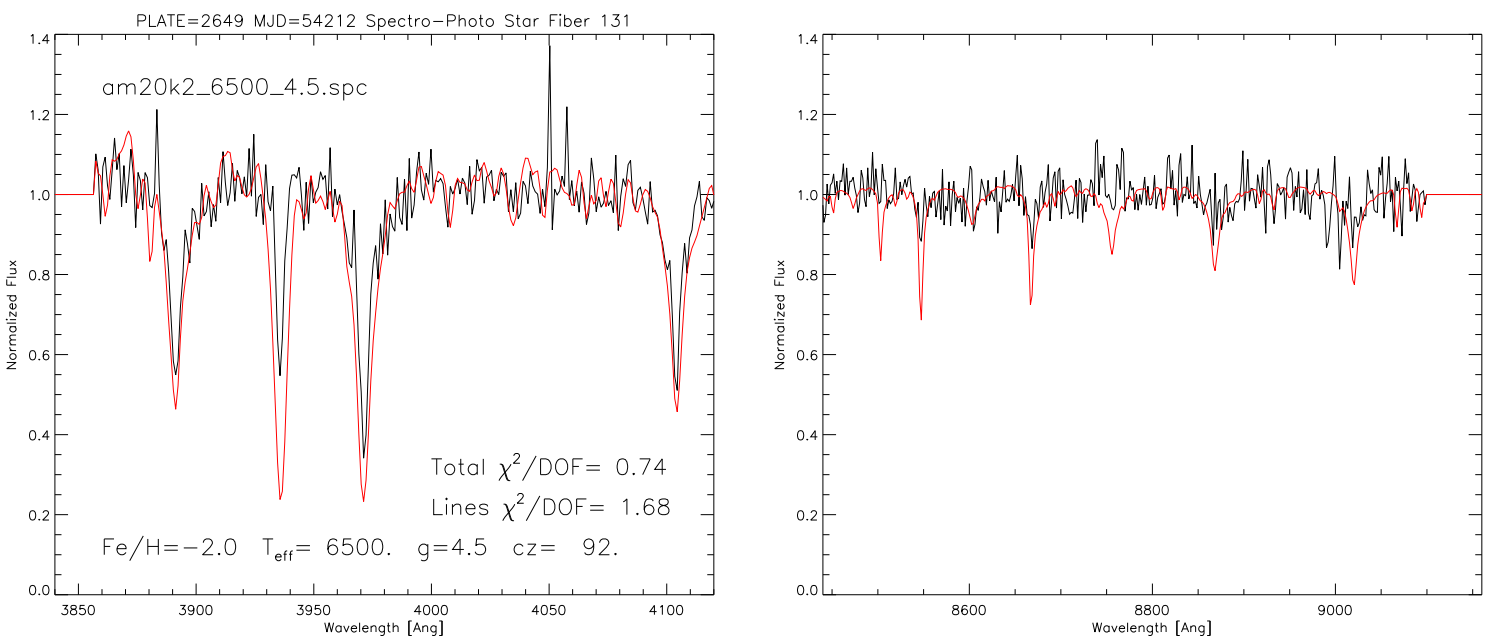
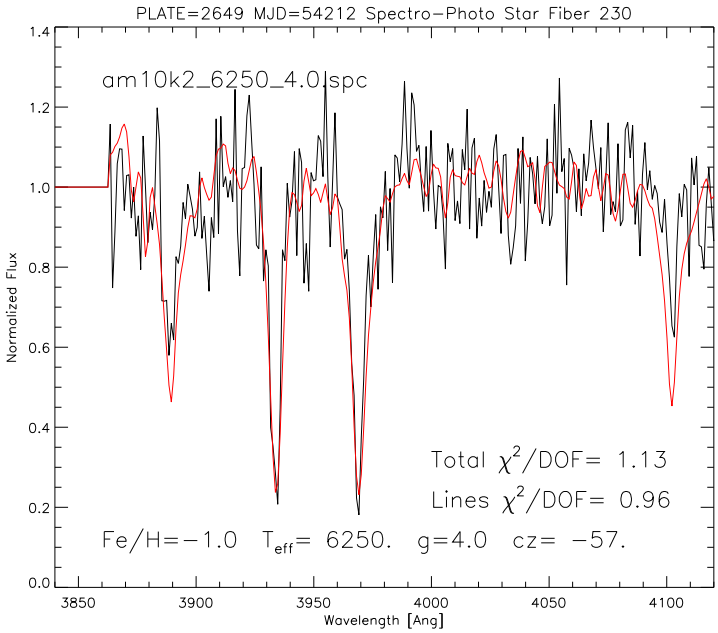
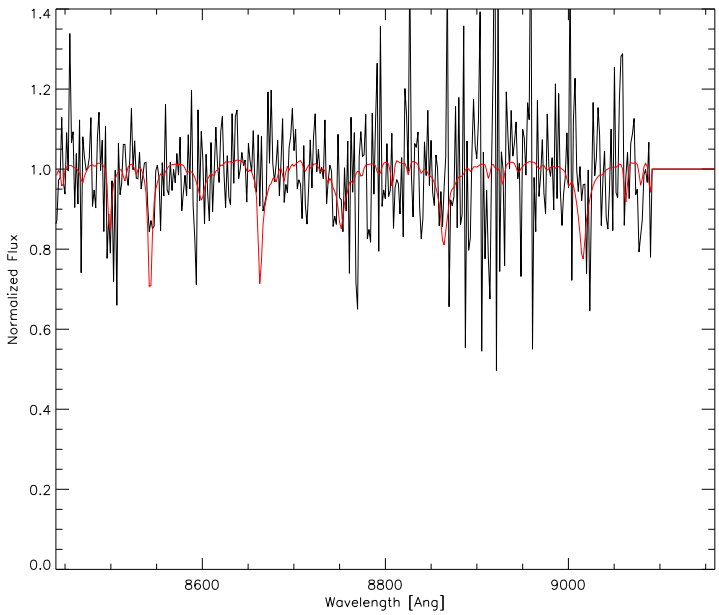
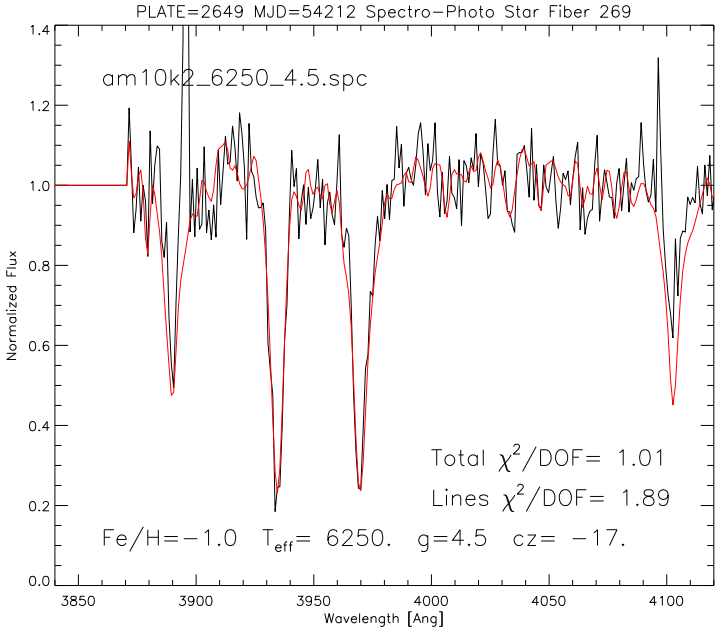

PLATE=2649 MJD=54212 Spectro-Photo Star Fiber 18
am15k2_5750_4.0.spc
Total χ^2/DOF= 1.15
Lines χ^2/DOF= 1.27
Fe/H=−1.5 T_{eff}= 5750. g=4.0 cz=−115.
Normalized Flux
Wavelength [Ang]

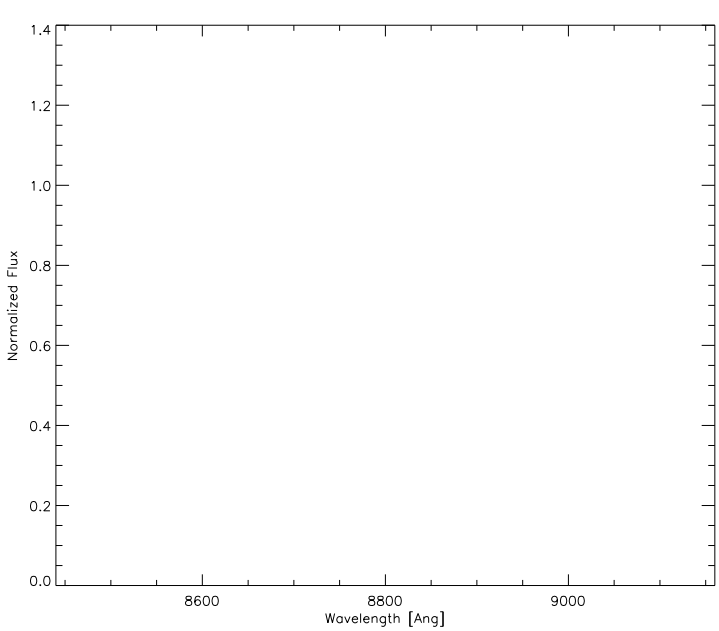

PLATE=2649 MJD=54212 Spectro-Photo Star Fiber 42
am10k2_6000_4.0.spc
Total χ^2/DOF= 0.86
Lines χ^2/DOF= 1.21
Fe/H=−1.0 T_{eff}= 6000. g=4.0 cz= −44.
Normalized Flux
Wavelength [Ang]

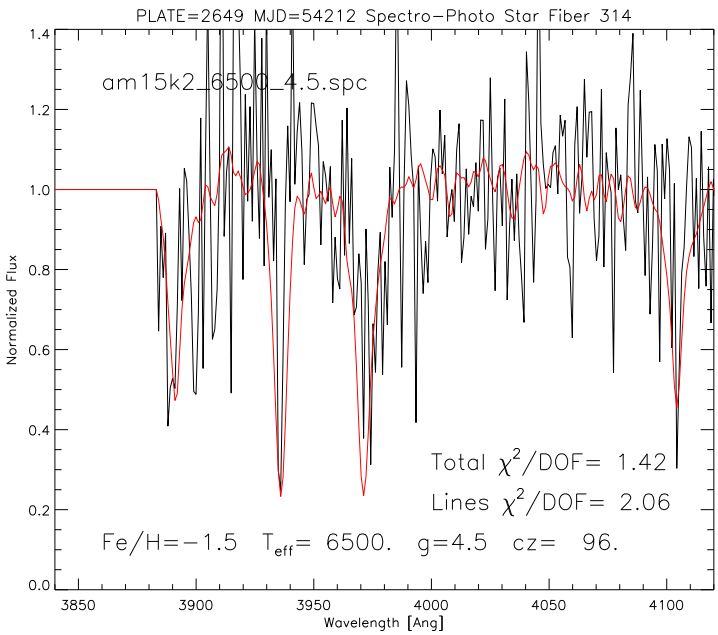

PLATE=2649 MJD=54212 Spectro-Photo Star Fiber 131
am20k2_6500_4.5.spc
Total χ^2/DOF= 0.74
Lines χ^2/DOF= 1.68
Fe/H=−2.0 T_{eff}= 6500. g=4.5 cz= 92.
Normalized Flux
Wavelength [Ang]

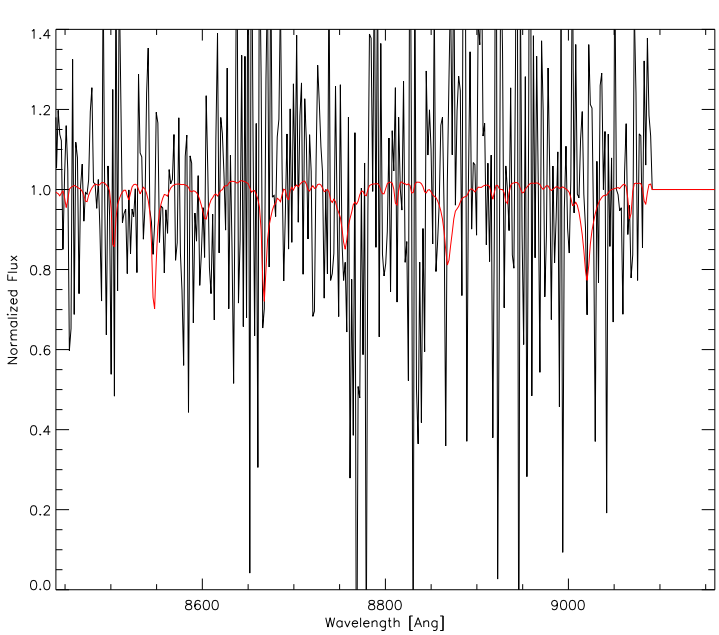

PLATE=2649 MJD=54212 Spectro-Photo Star Fiber 230
am10k2_6250_4.0.spc
Total χ^2/DOF= 1.13
Lines χ^2/DOF= 0.96
Fe/H=−1.0 T_{eff}= 6250. g=4.0 cz= −57.
Normalized Flux
Wavelength [Ang]

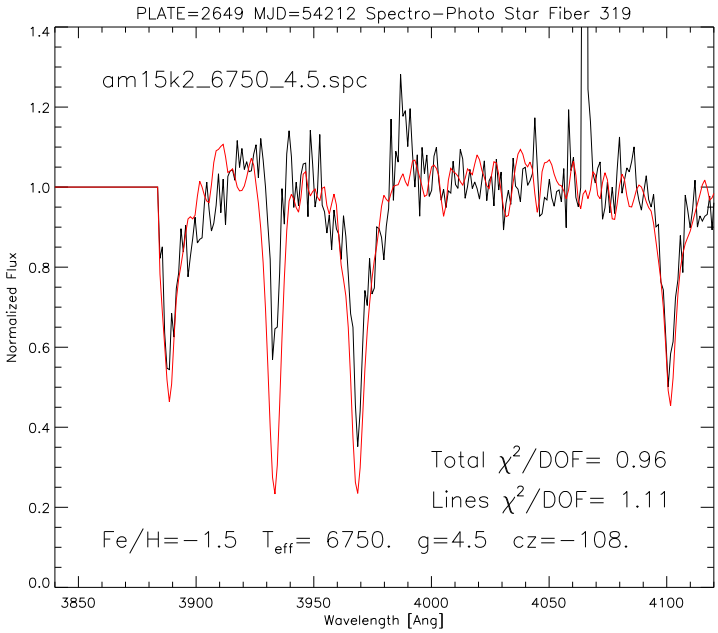

Normalized Flux
Wavelength [Ang]

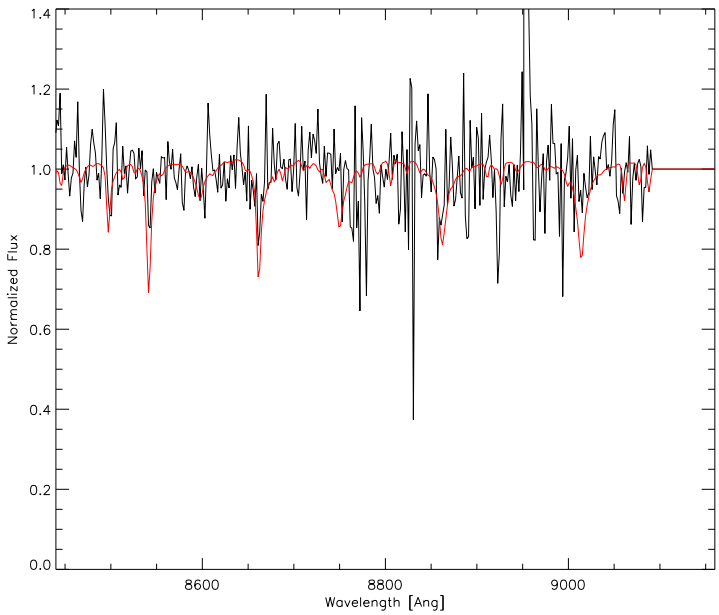

PLATE=2649 MJD=54212 Spectro-Photo Star Fiber 269
am10k2_6250_4.5.spc
Total χ^2/DOF= 1.01
Lines χ^2/DOF= 1.89
Fe/H=−1.0 T_{eff}= 6250. g=4.5 cz= −17.
Normalized Flux
Wavelength [Ang]

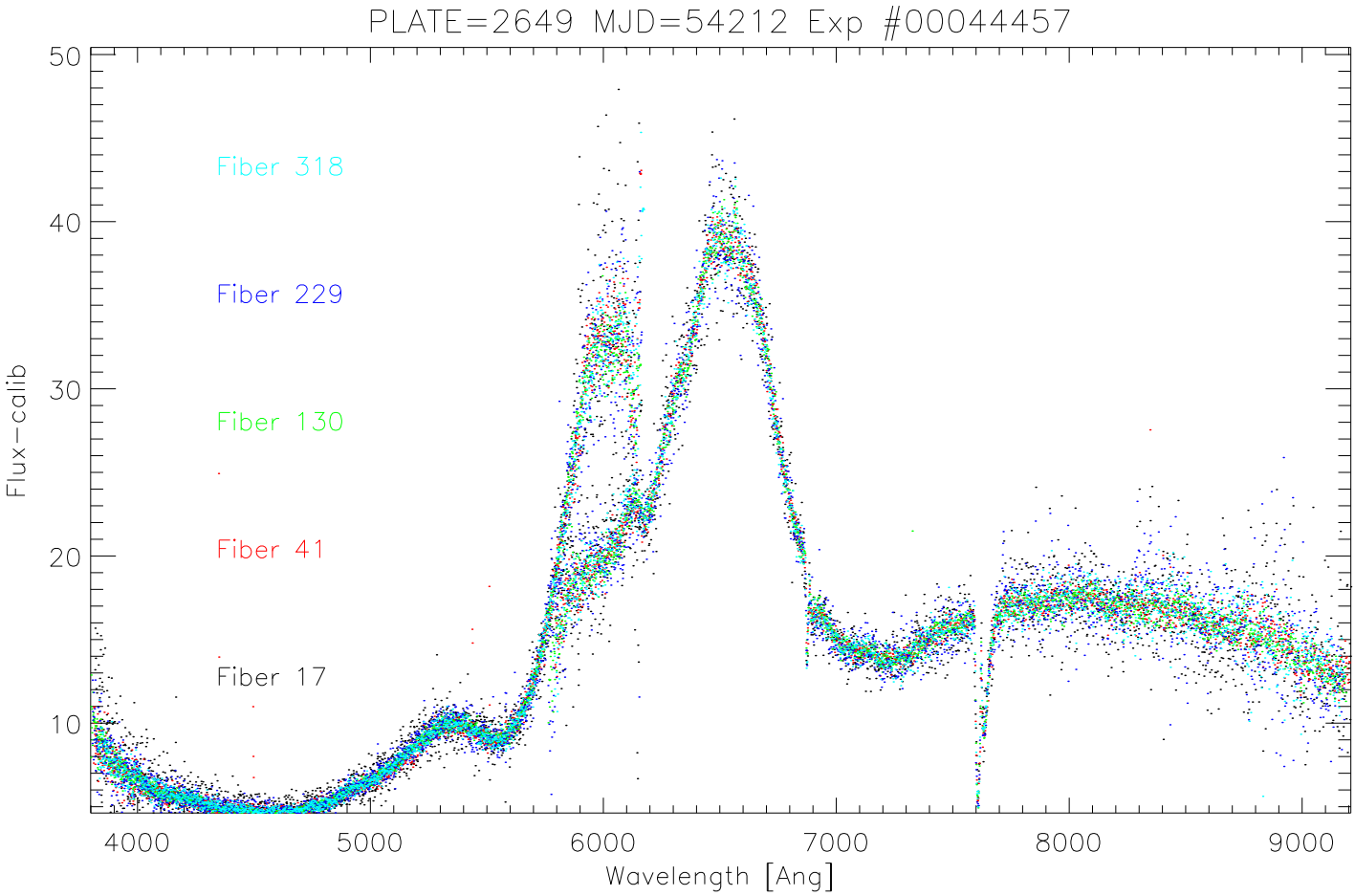

Normalized Flux
Wavelength [Ang]

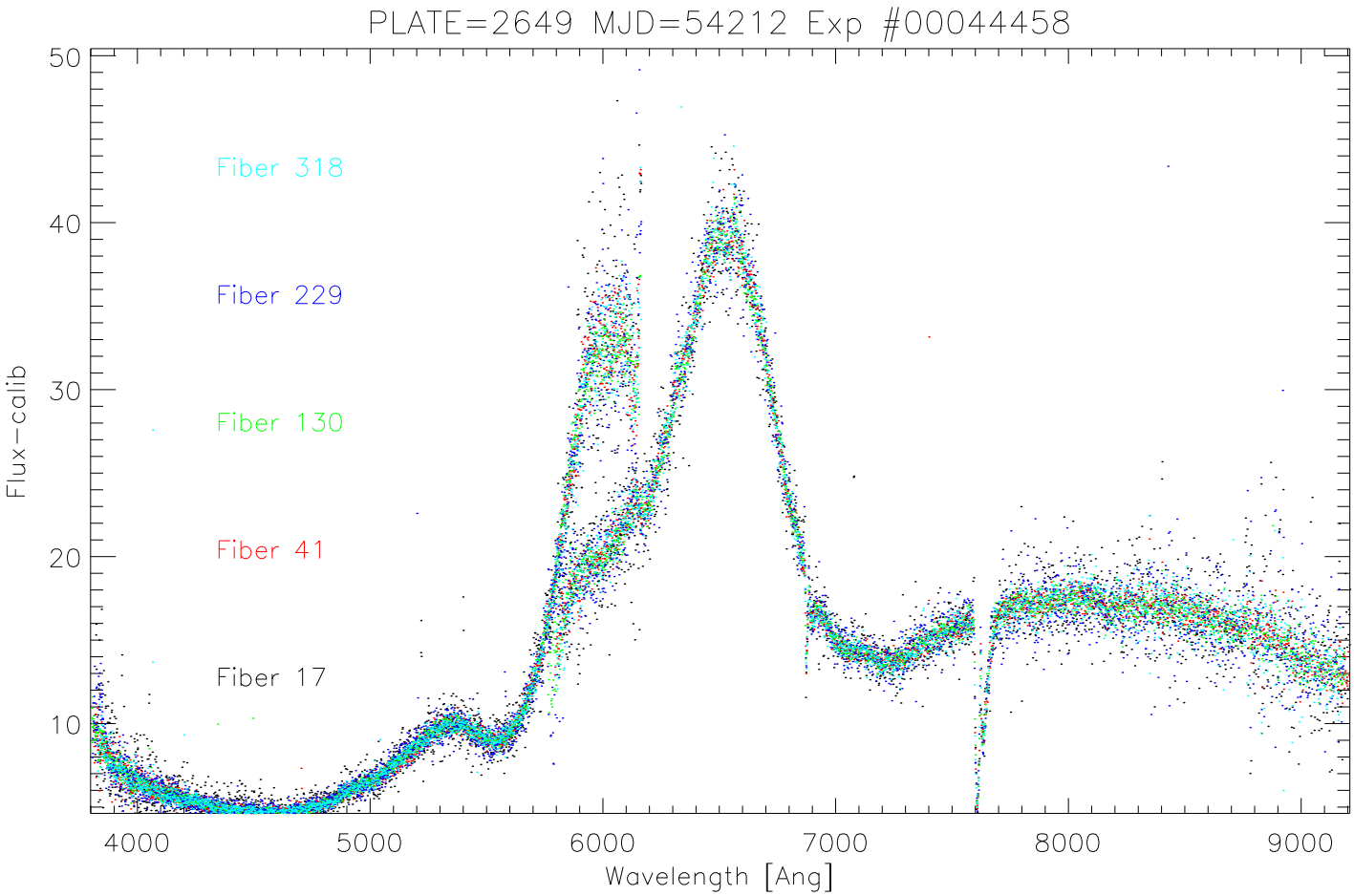

PLATE=2649 MJD=54212 Spectro-Photo Star Fiber 314
am15k2_6500_4.5.spc
Total χ^2/DOF= 1.42
Lines χ^2/DOF= 2.06
Fe/H=−1.5 T_{eff}= 6500. g=4.5 cz= 96.
Normalized Flux
Wavelength [Ang]

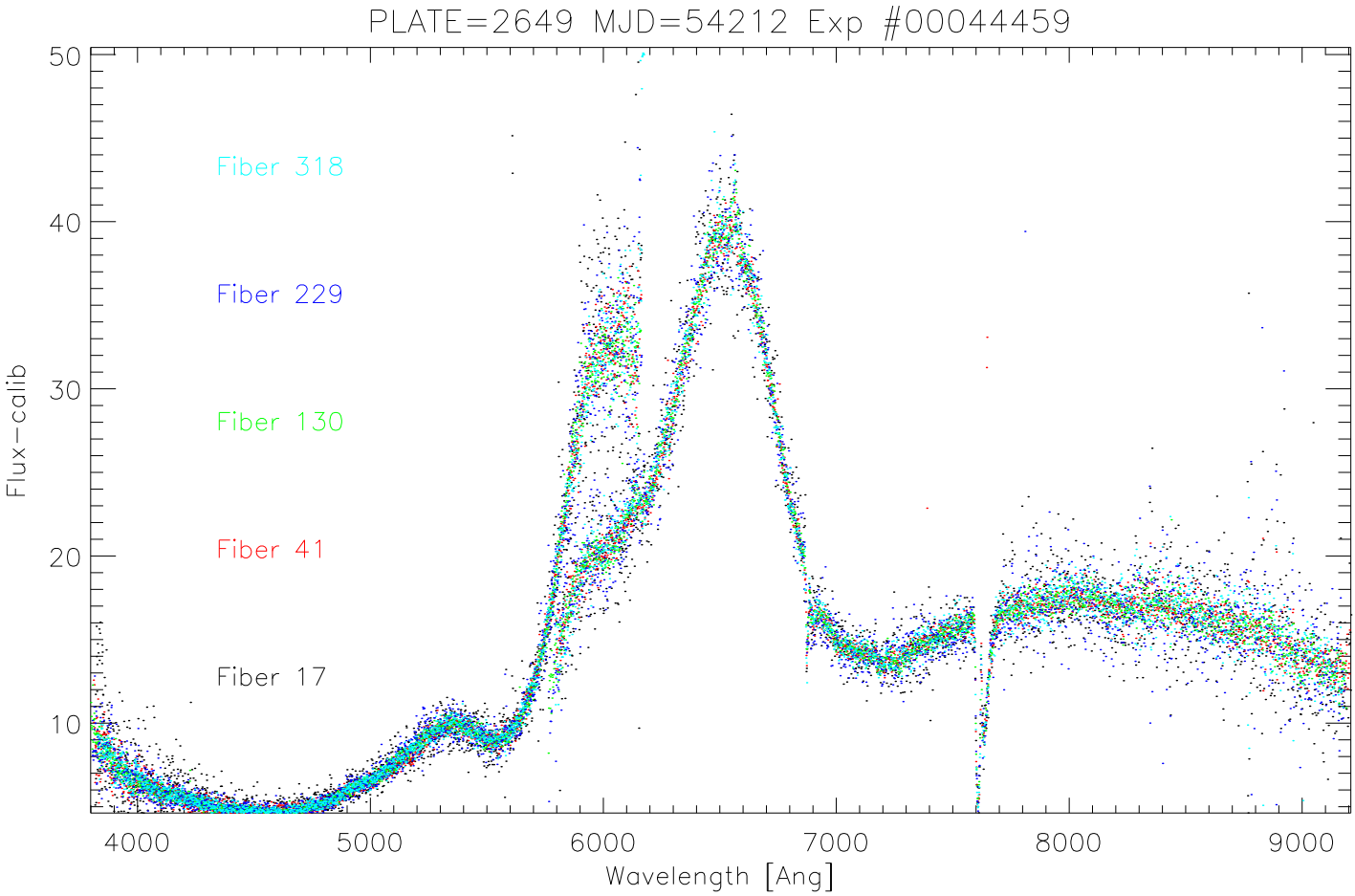

Normalized Flux
Wavelength [Ang]

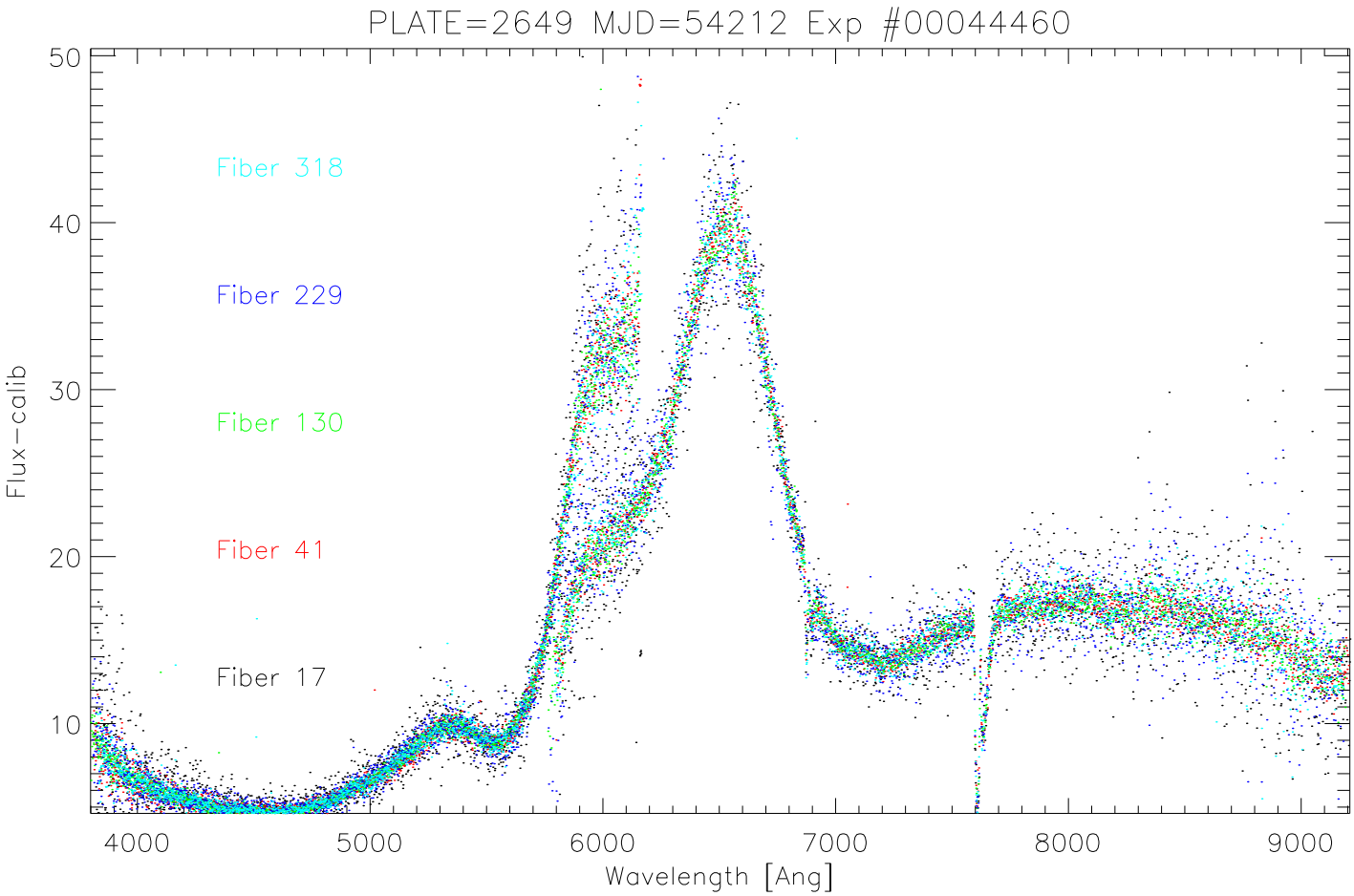

PLATE=2649 MJD=54212 Spectro-Photo Star Fiber 319
am15k2_6750_4.5.spc
Total χ^2/DOF= 0.96
Lines χ^2/DOF= 1.11
Fe/H=−1.5 T_{eff}= 6750. g=4.5 cz=−108.
Normalized Flux
Wavelength [Ang]

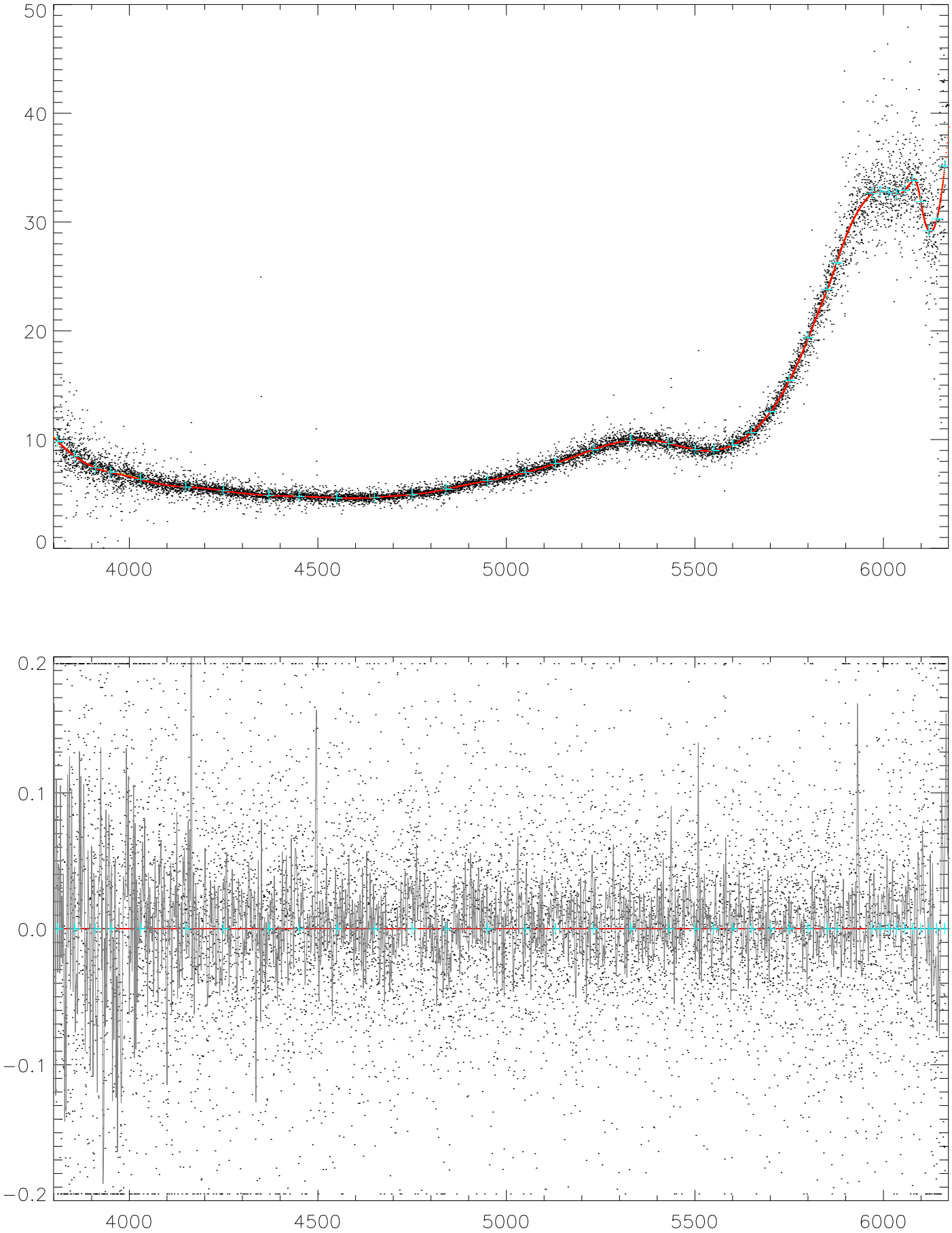

Normalized Flux
Wavelength [Ang]

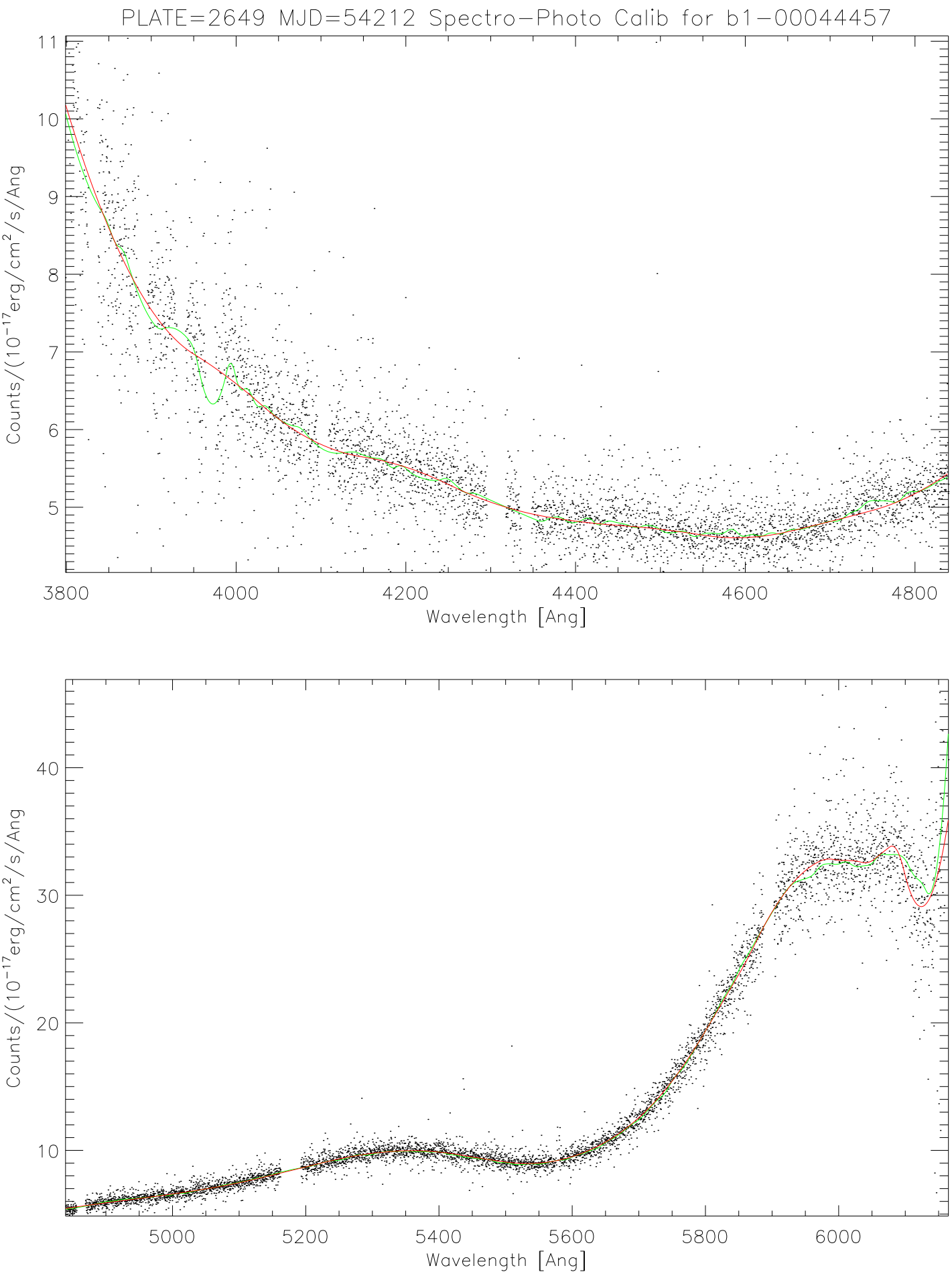

PLATE=2649 MJD=54212 Exp #00044457
Fiber 318
Fiber 229
Fiber 130
Fiber 41
Fiber 17
Flux−calib
Wavelength [Ang]
50
40
30
20
10
4000
5000
6000
7000
8000
9000

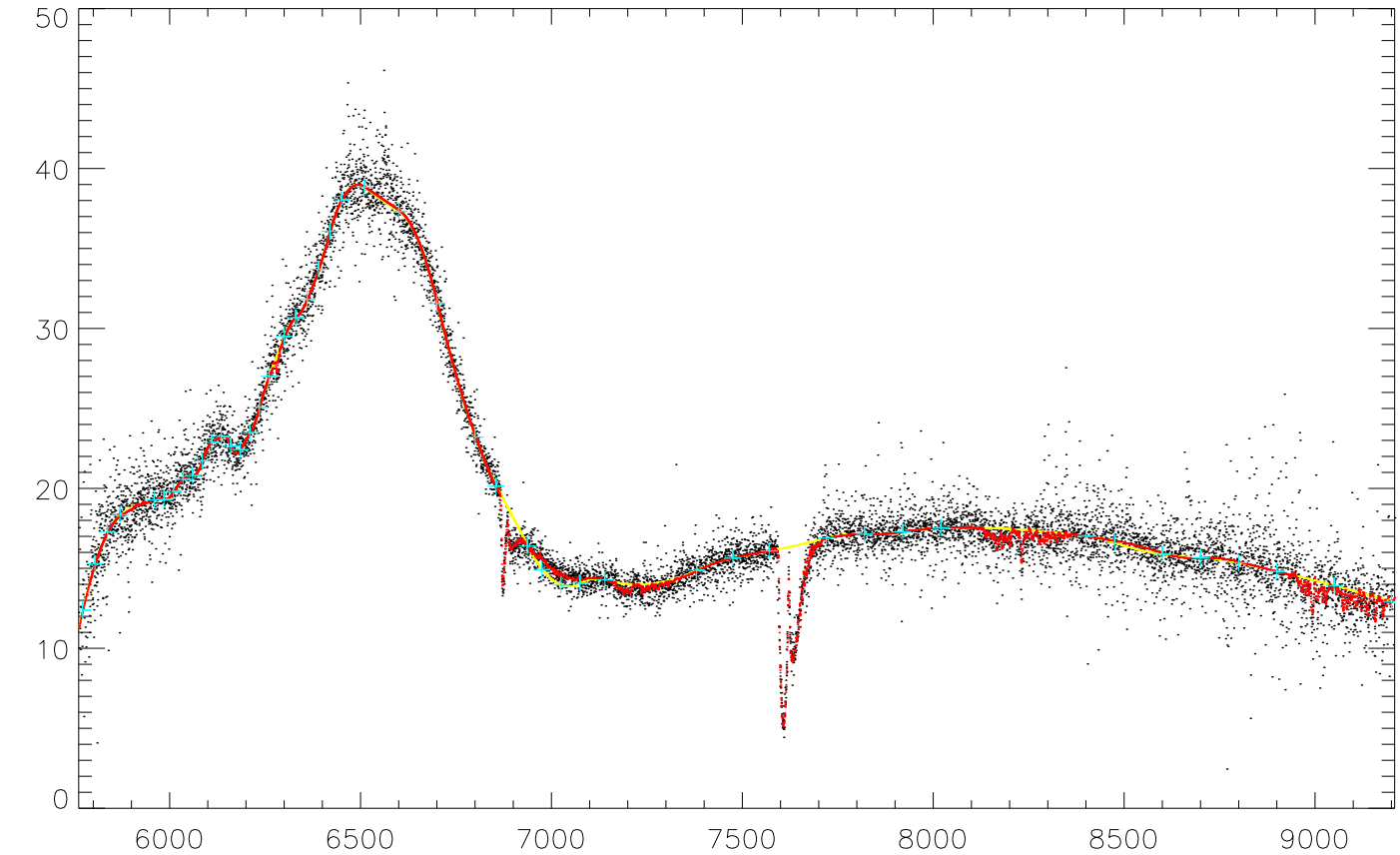

PLATE=2649 MJD=54212 Exp #00044458
Fiber 318
Fiber 229
Fiber 130
Fiber 41
Fiber 17
Flux−calib
Wavelength [Ang]
50
40
30
20
10
4000
5000
6000
7000
8000
9000

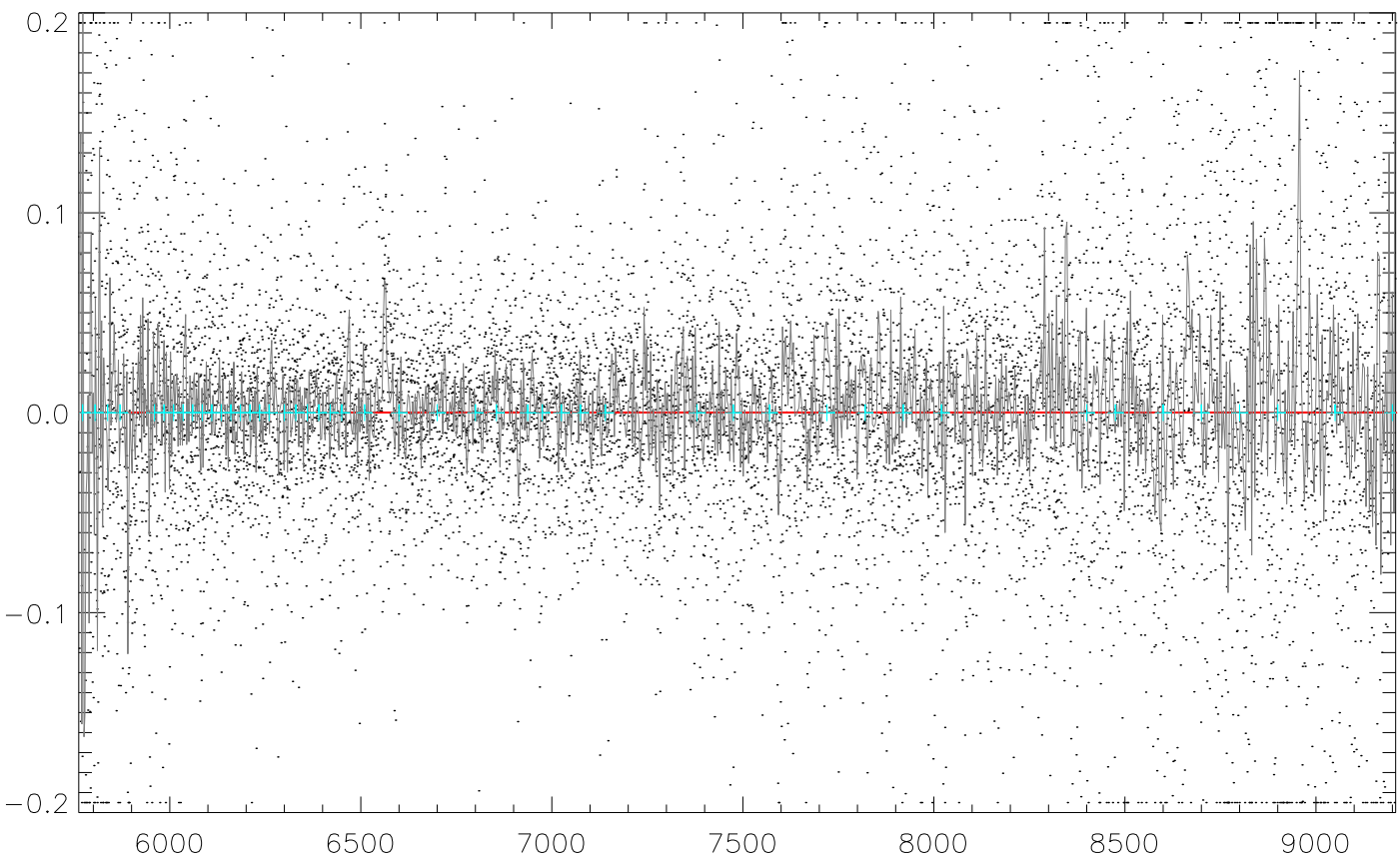

PLATE=2649 MJD=54212 Exp #00044459
Fiber 318
Fiber 229
Fiber 130
Fiber 41
Fiber 17
Flux−calib
Wavelength [Ang]
50
40
30
20
10
4000
5000
6000
7000
8000
9000

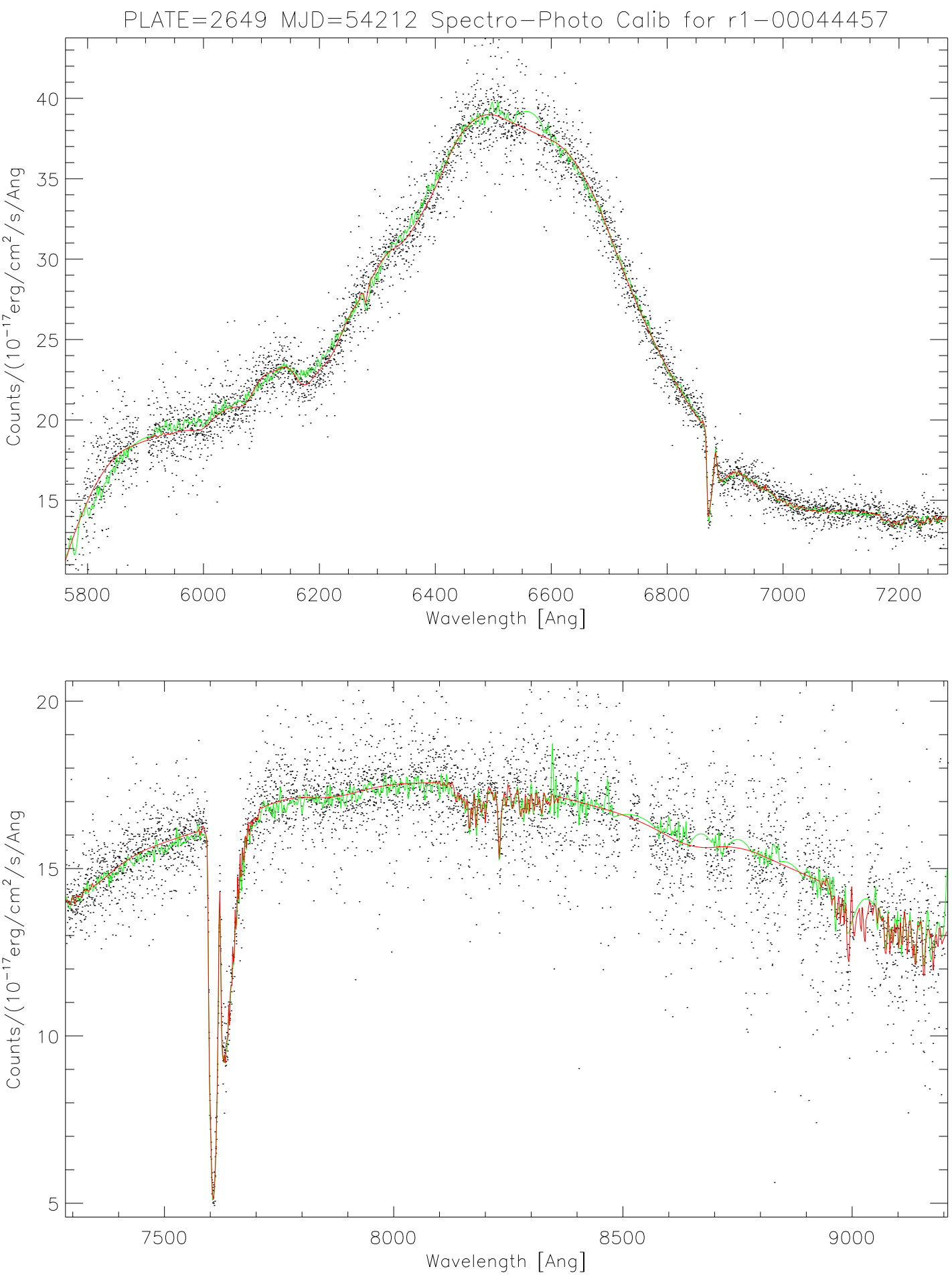

PLATE=2649 MJD=54212 Exp #00044460
Fiber 318
Fiber 229
Fiber 130
Fiber 41
Fiber 17
Flux−calib
Wavelength [Ang]
50
40
30
20
10
4000
5000
6000
7000
8000
9000

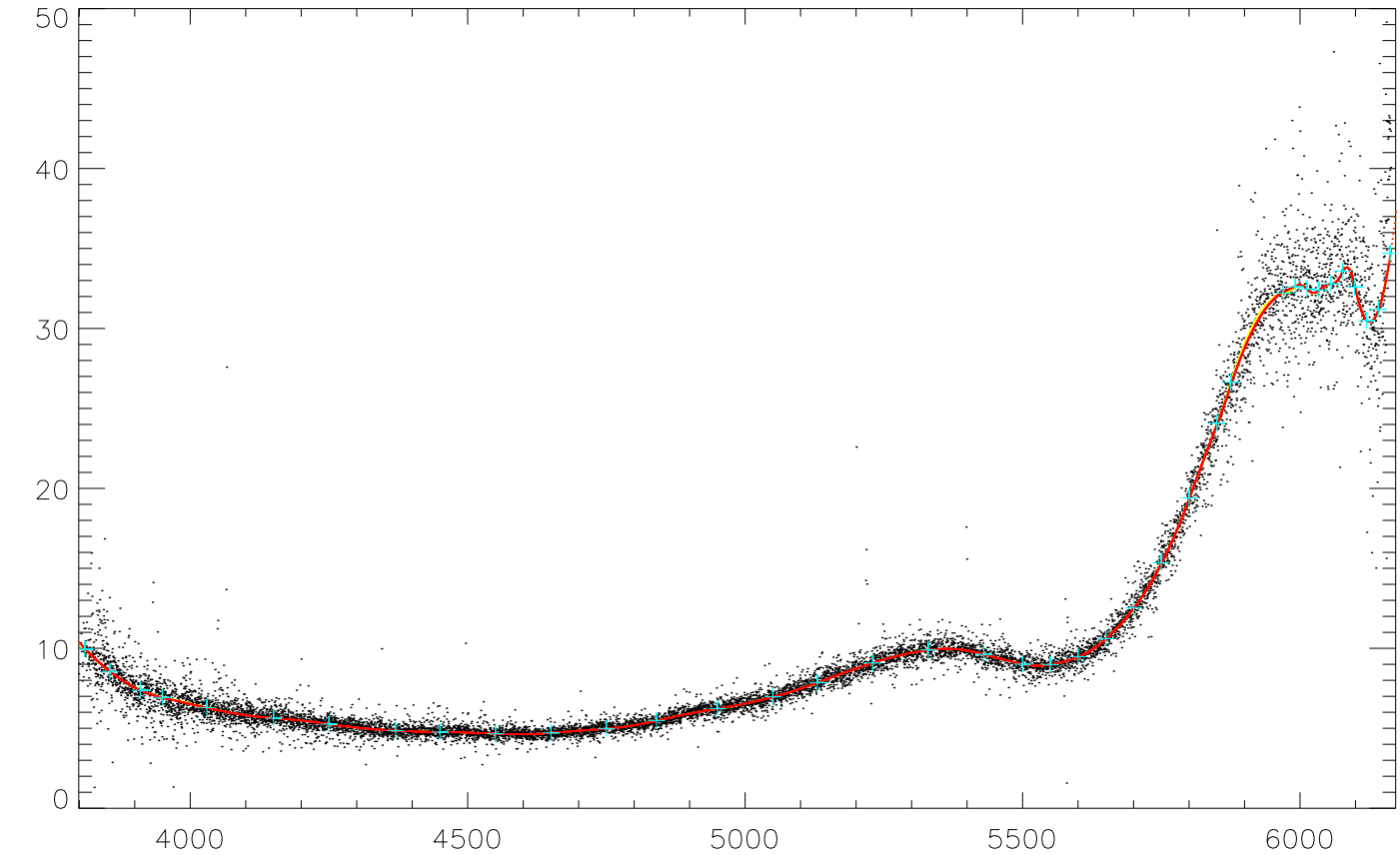

50
40
30
20
10
0
4000
4500
5000
5500
6000
0.2
0.1
0.0
−0.1
−0.2
4000
4500
5000
5500
6000

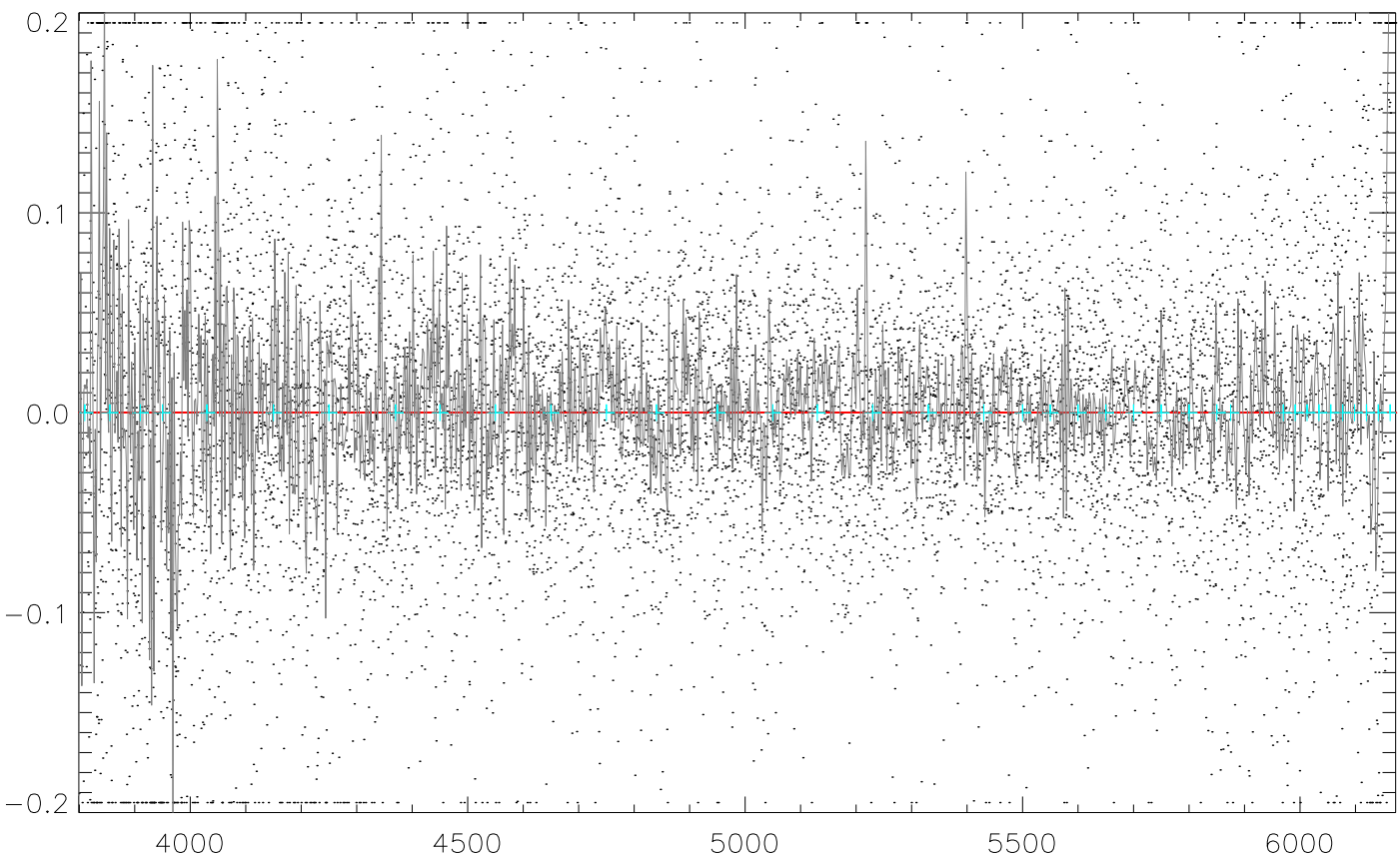

PLATE=2649 MJD=54212 Spectro−Photo Calib for b1−00044457
Counts/(10^-17erg/cm^2/s/Ang
Wavelength [Ang]
3800
4000
4200
4400
4600
4800
5
6
7
8
9
10
11
Counts/(10^-17erg/cm^2/s/Ang
Wavelength [Ang]
5000
5200
5400
5600
5800
6000
10
20
30
40

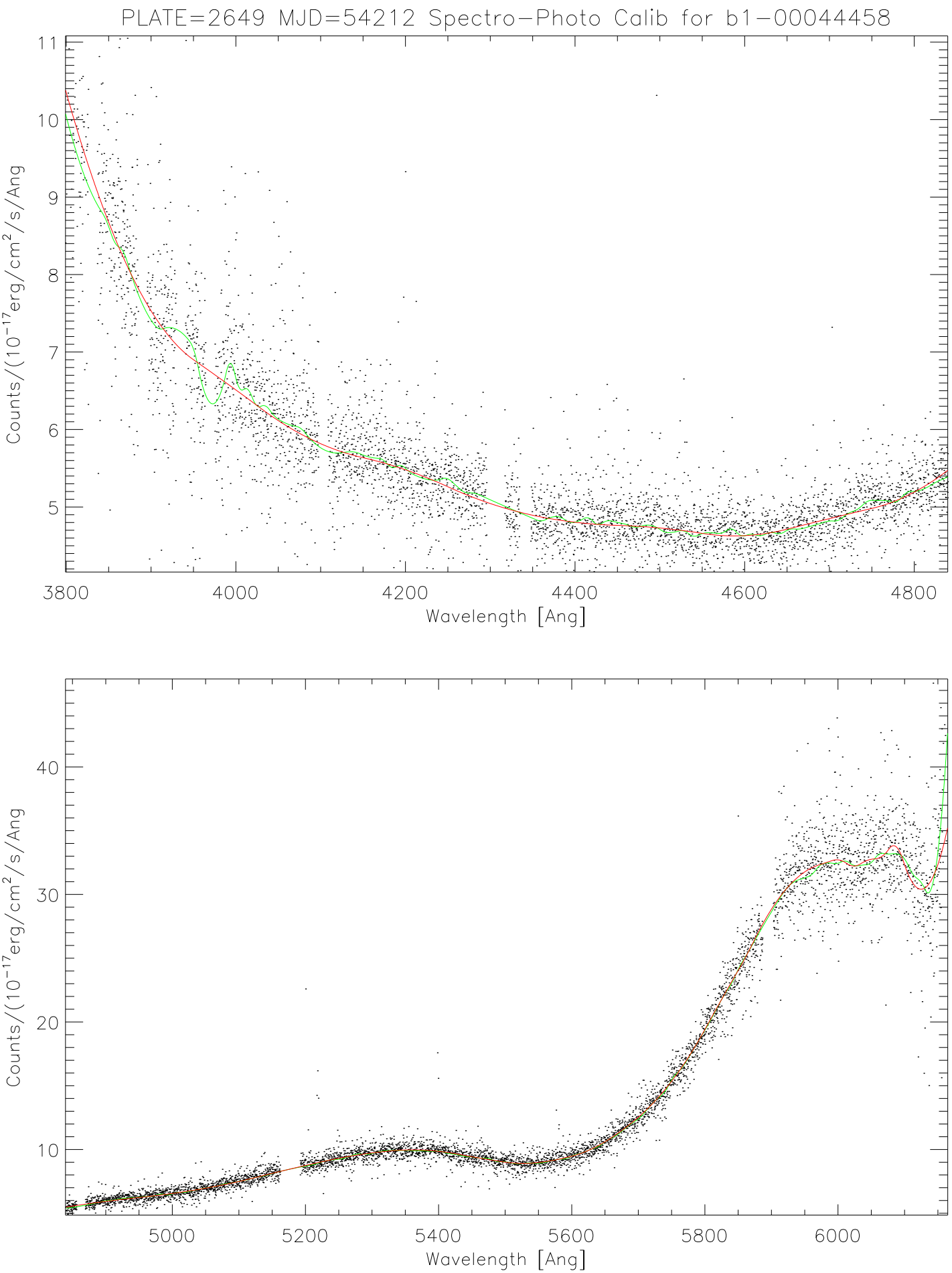

50
40
30
20
10
0
6000
6500
7000
7500
8000
8500
9000

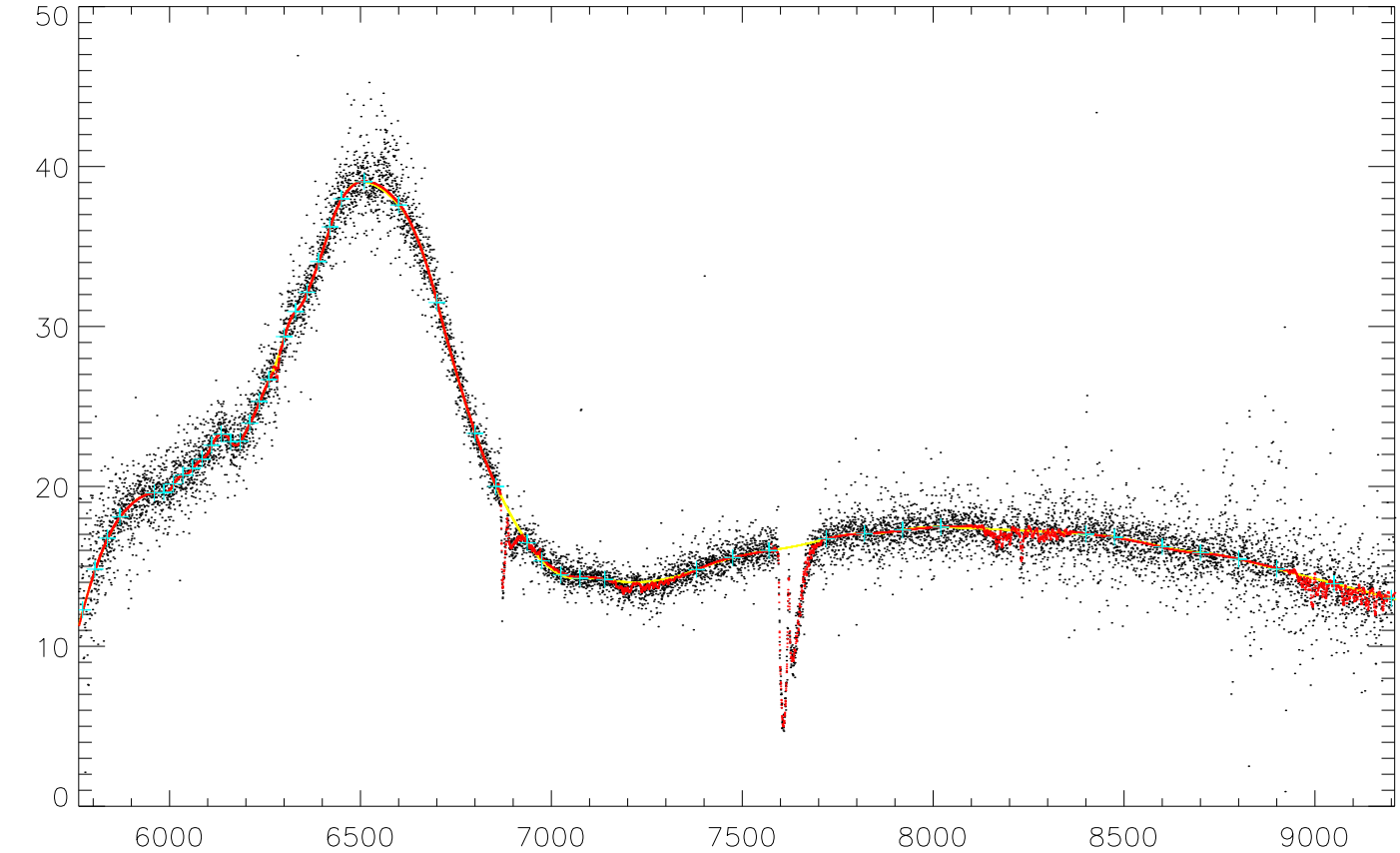

0.2
0.1
0.0
−0.1
−0.2
6000
6500
7000
7500
8000
8500
9000


PLATE=2649 MJD=54212 Spectro−Photo Calib for r1−00044457
Counts/(10^-17 erg/cm^2/s/Ang
40
35
30
25
20
15
5800
6000
6200
6400
6600
6800
7000
7200
Wavelength [Ang]
Counts/(10^-17 erg/cm^2/s/Ang
20
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=2649 MJD=54212 Spectro−Photo Calib for b1−00044458
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
3800
4000
4200
4400
4600
4800
5
6
7
8
9
10
11
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
5000
5200
5400
5600
5800
6000
10
20
30
40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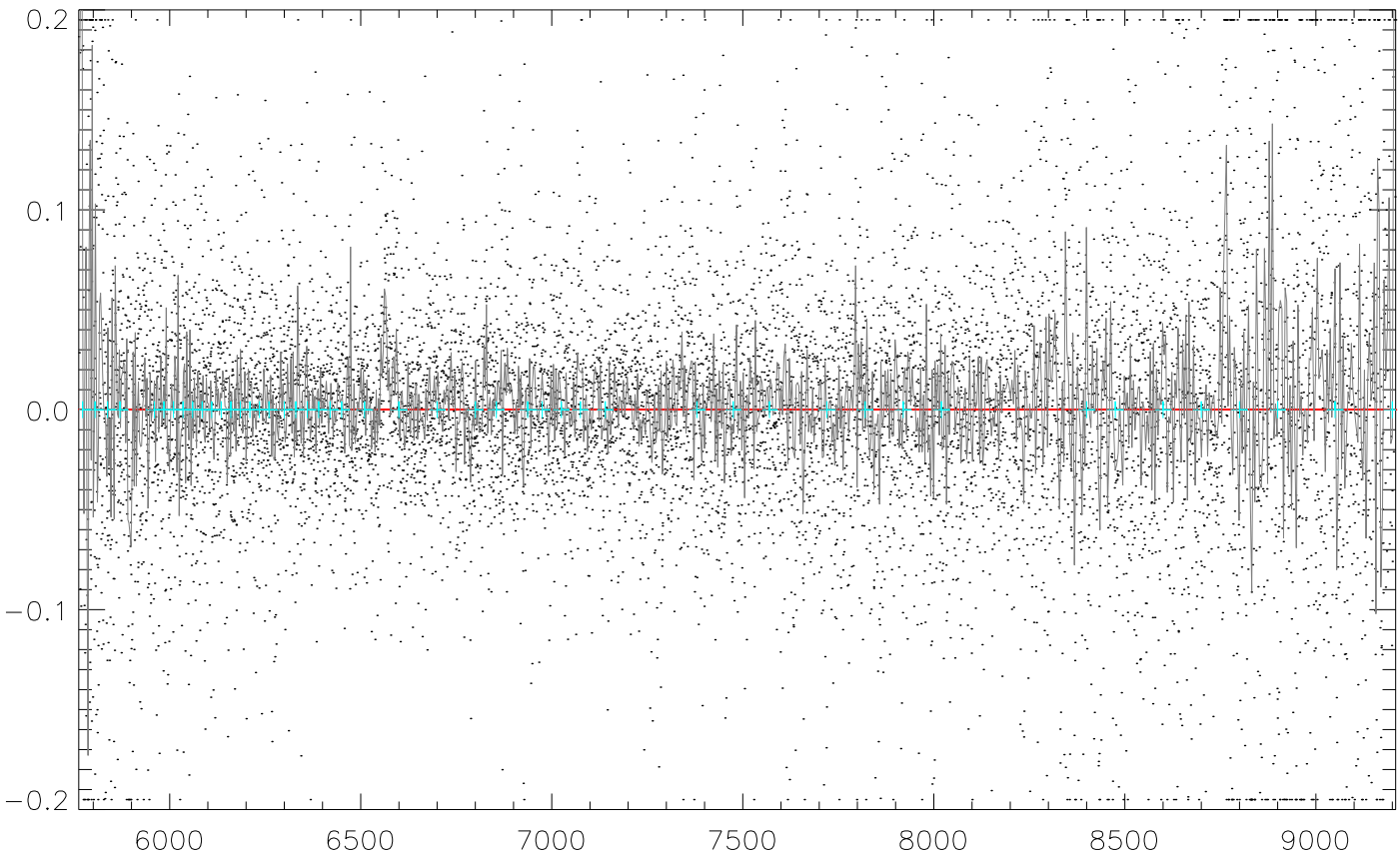
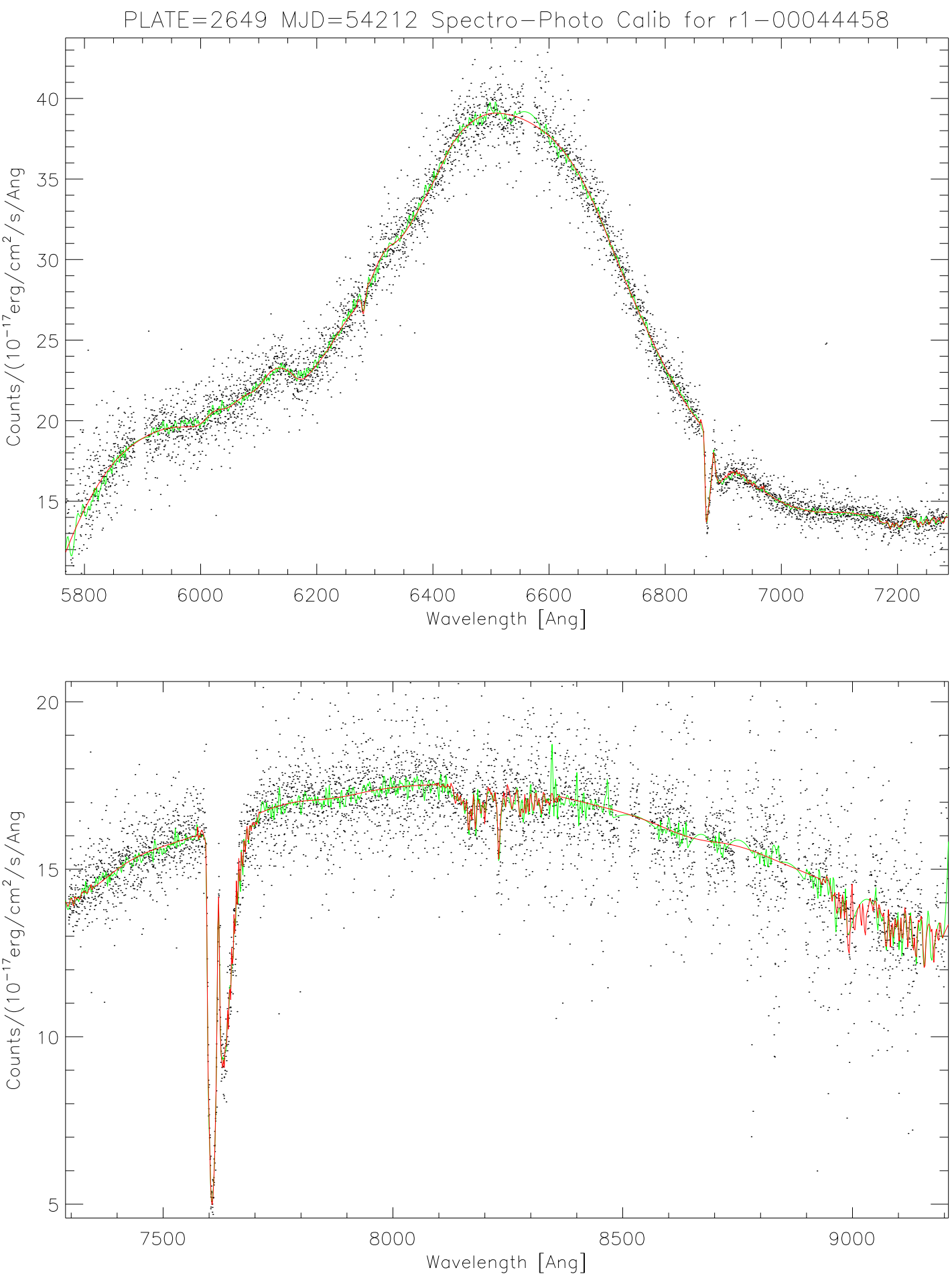
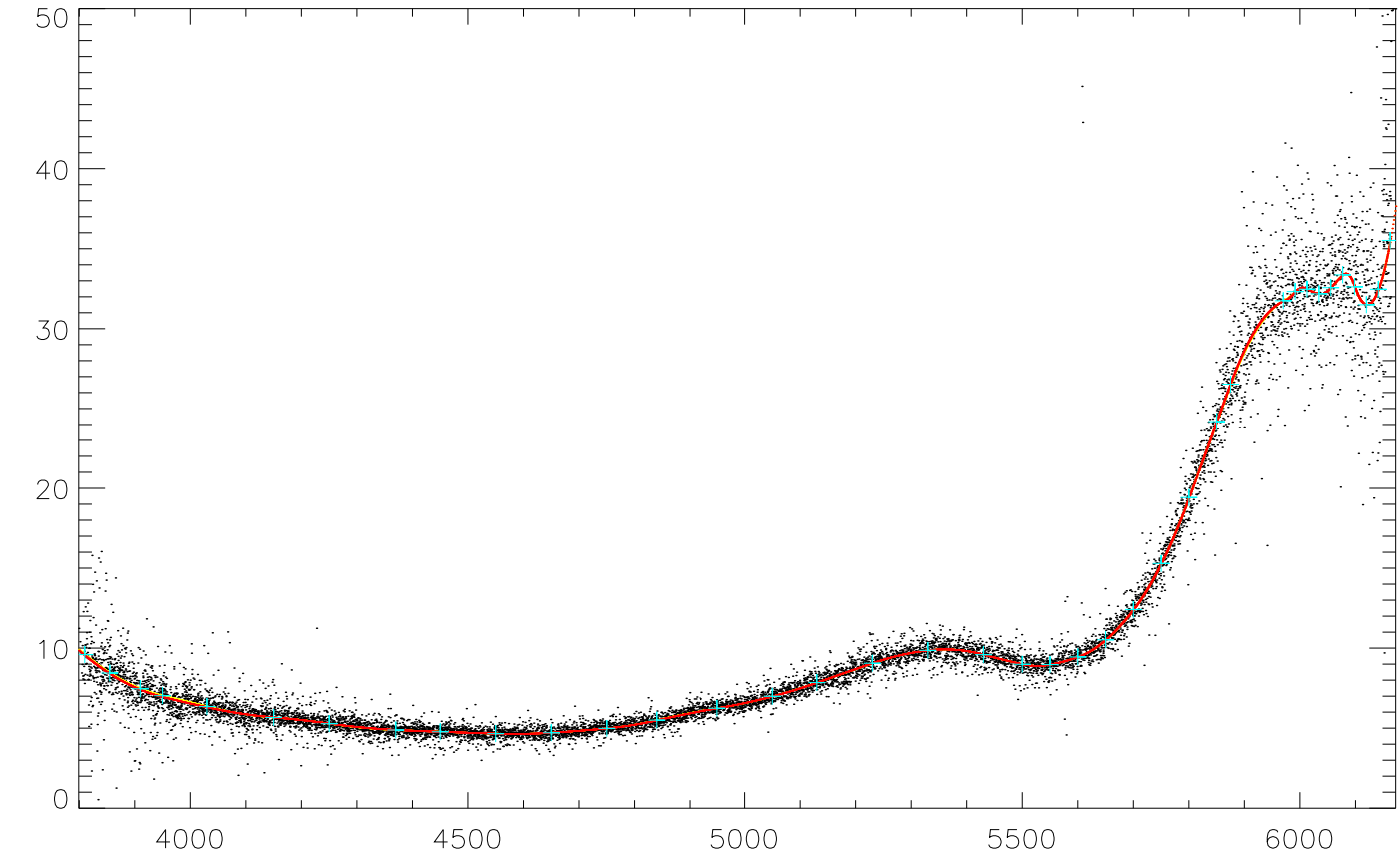
40
30
20
10
0
6000
6500
7000
7500
8000
8500
9000


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


PLATE=2649 MJD=54212 Spectro−Photo Calib for r1−00044458
Counts/(10^-17erg/cm^2/s/Ang
40
35
30
25
20
15
5800
6000
6200
6400
6600
6800
7000
7200
Wavelength [Ang]
Counts/(10^-17erg/cm^2/s/Ang
20
15
10
5
7500
8000
8500
9000
Wavelength [Ang]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40
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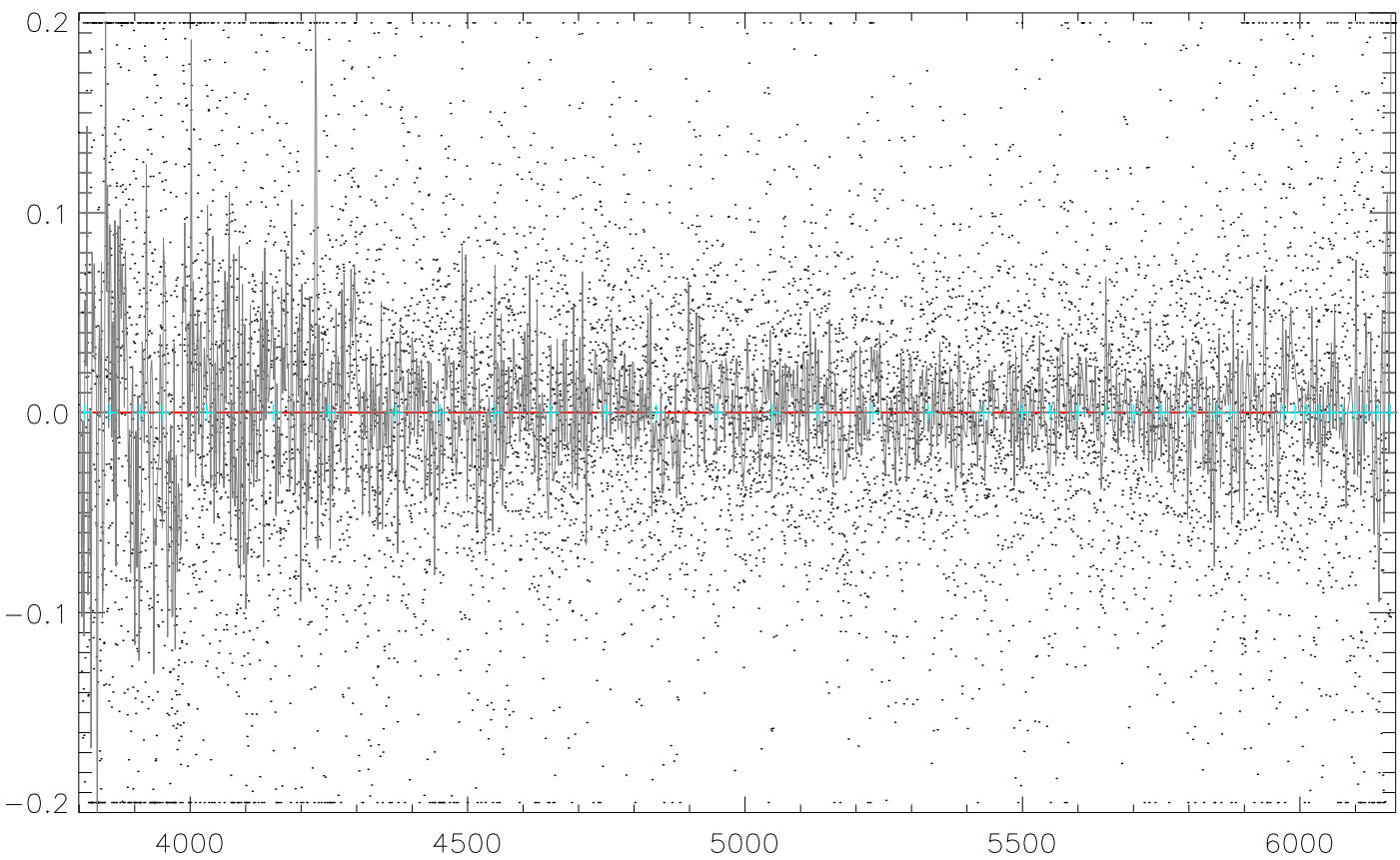
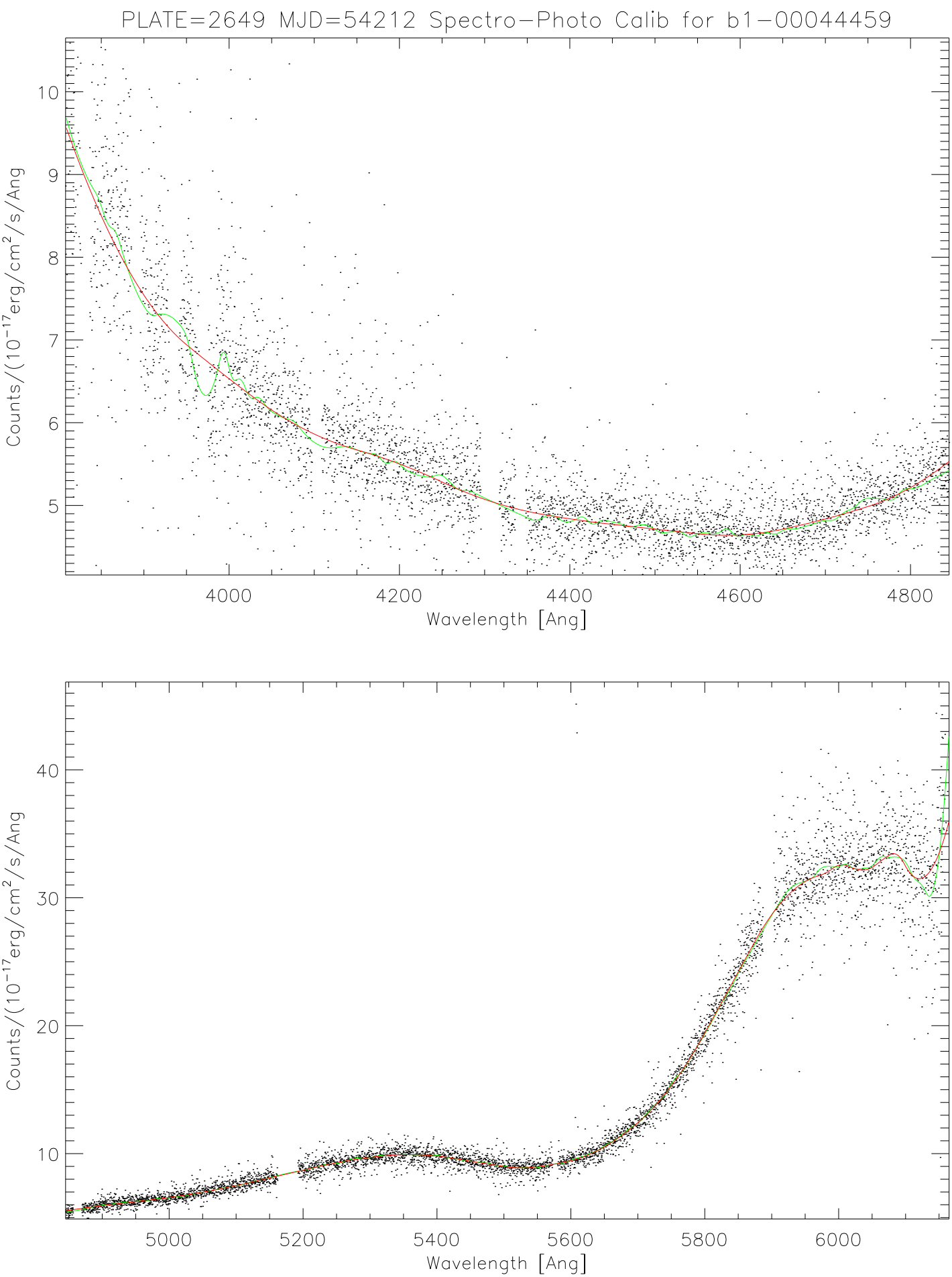
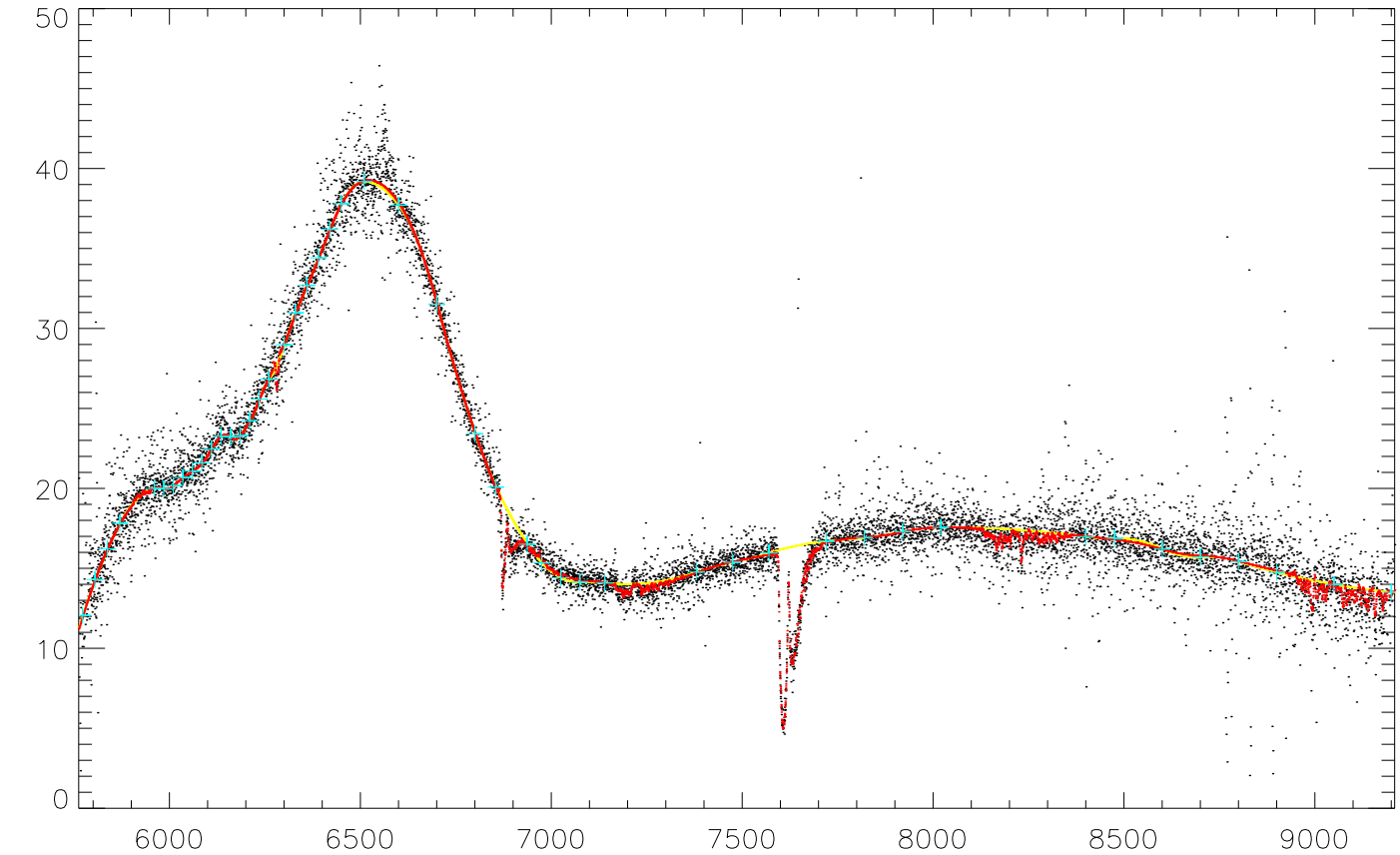
20
10
0
4000
4500
5000
5500
6000


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


PLATE=2649 MJD=54212 Spectro−Photo Calib for b1−00044459
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
10
9
8
7
6
5
4000
4200
4400
4600
4800
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
40
30
20
10
5000
5200
5400
5600
5800
6000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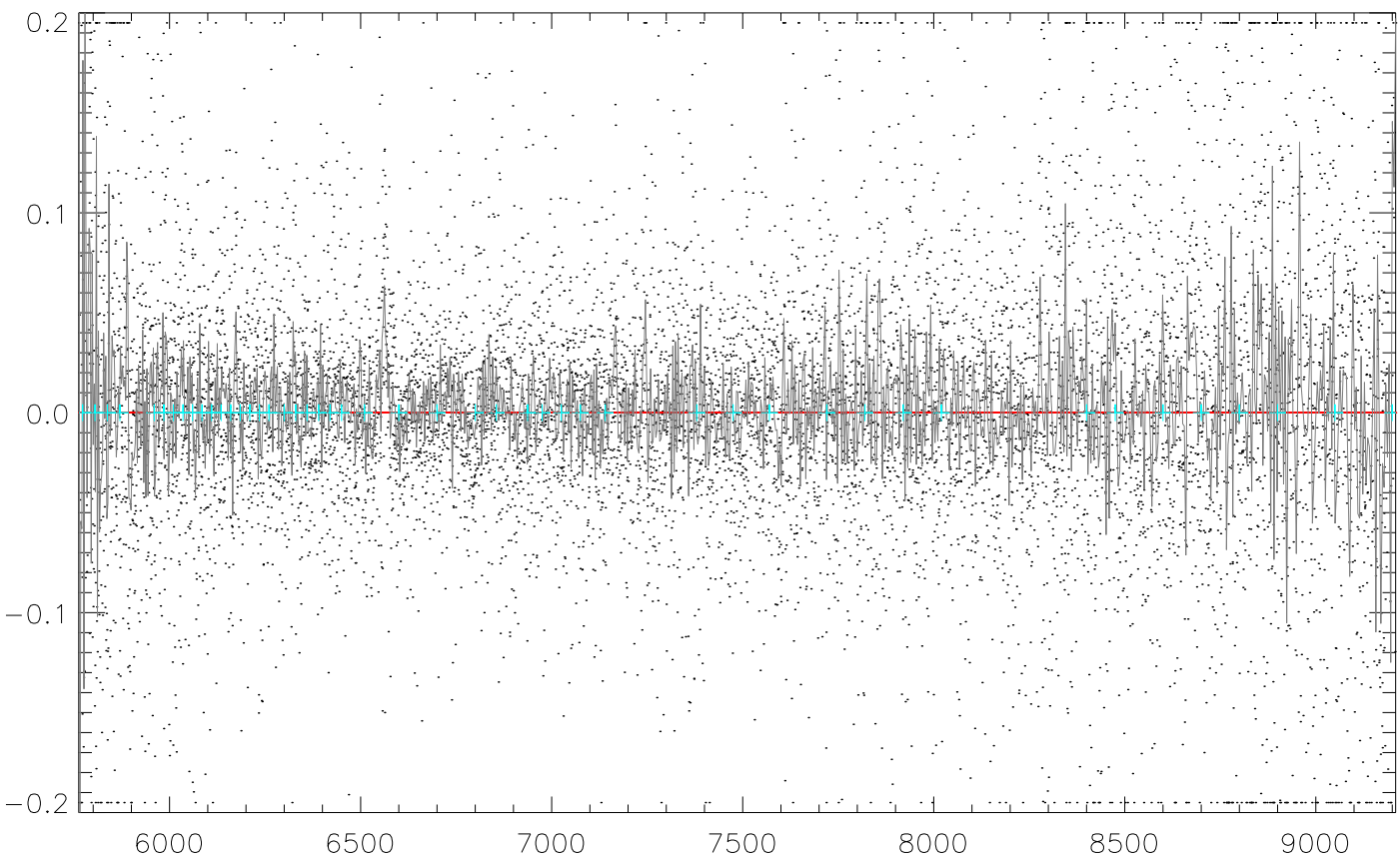
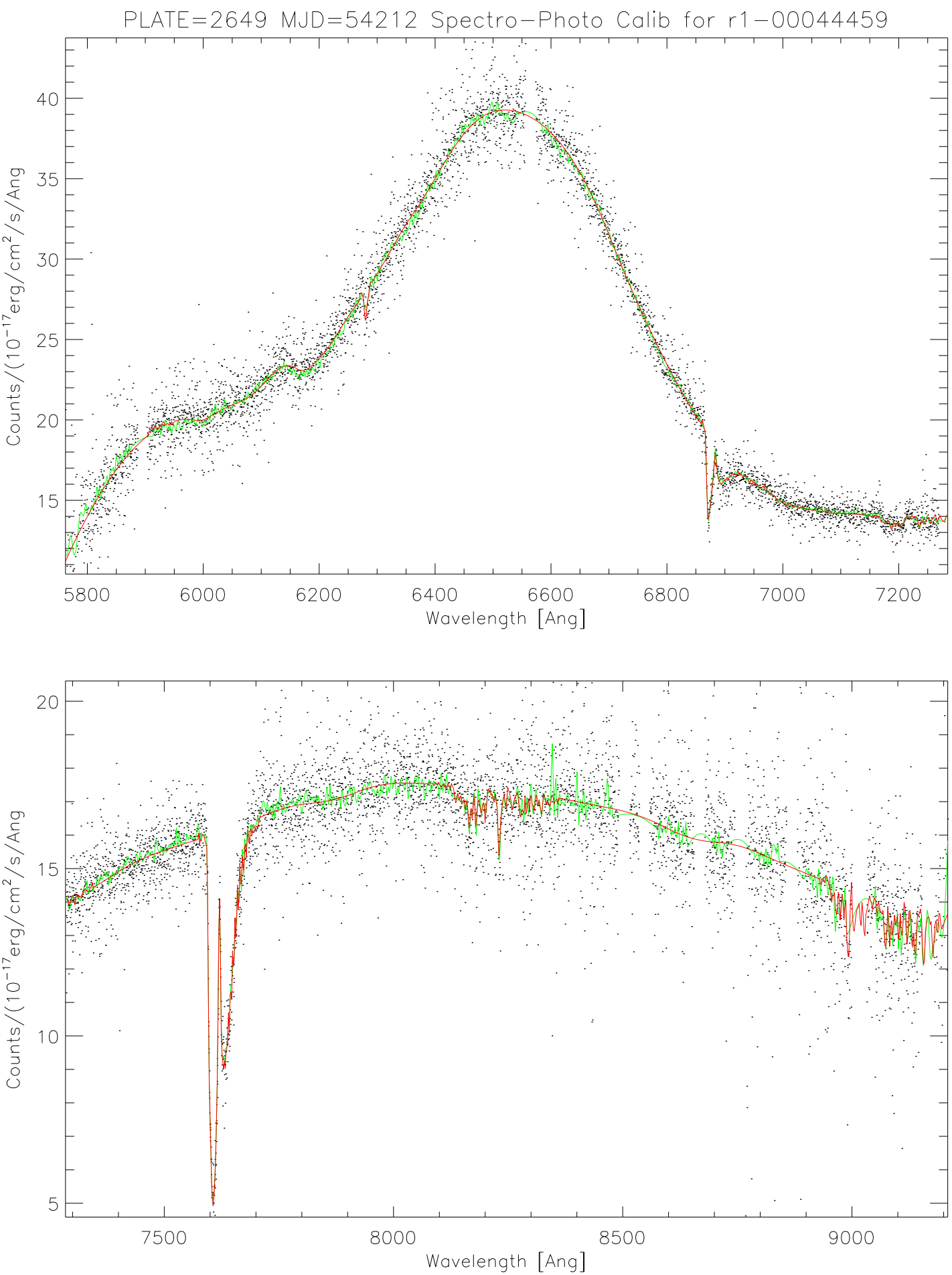
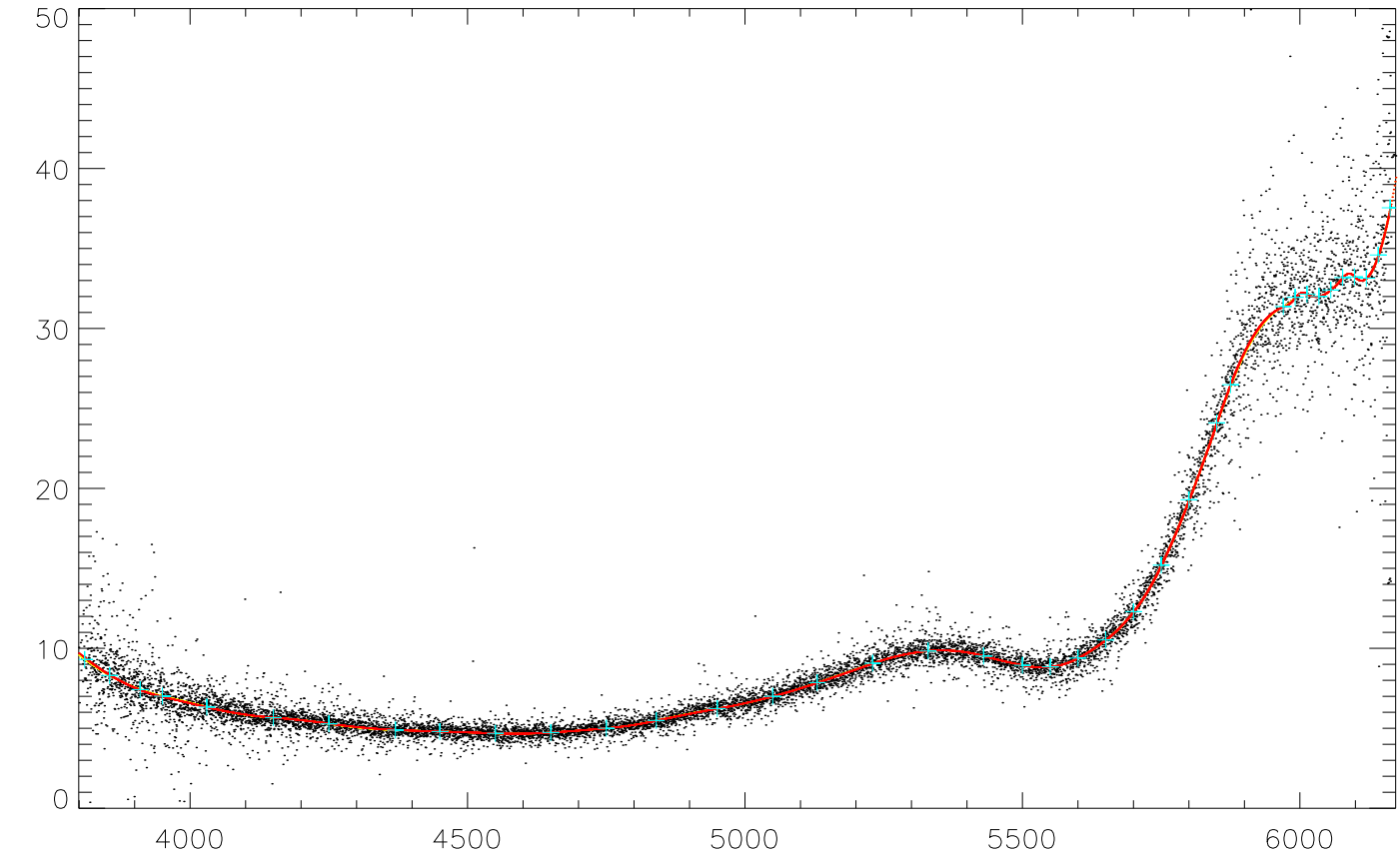
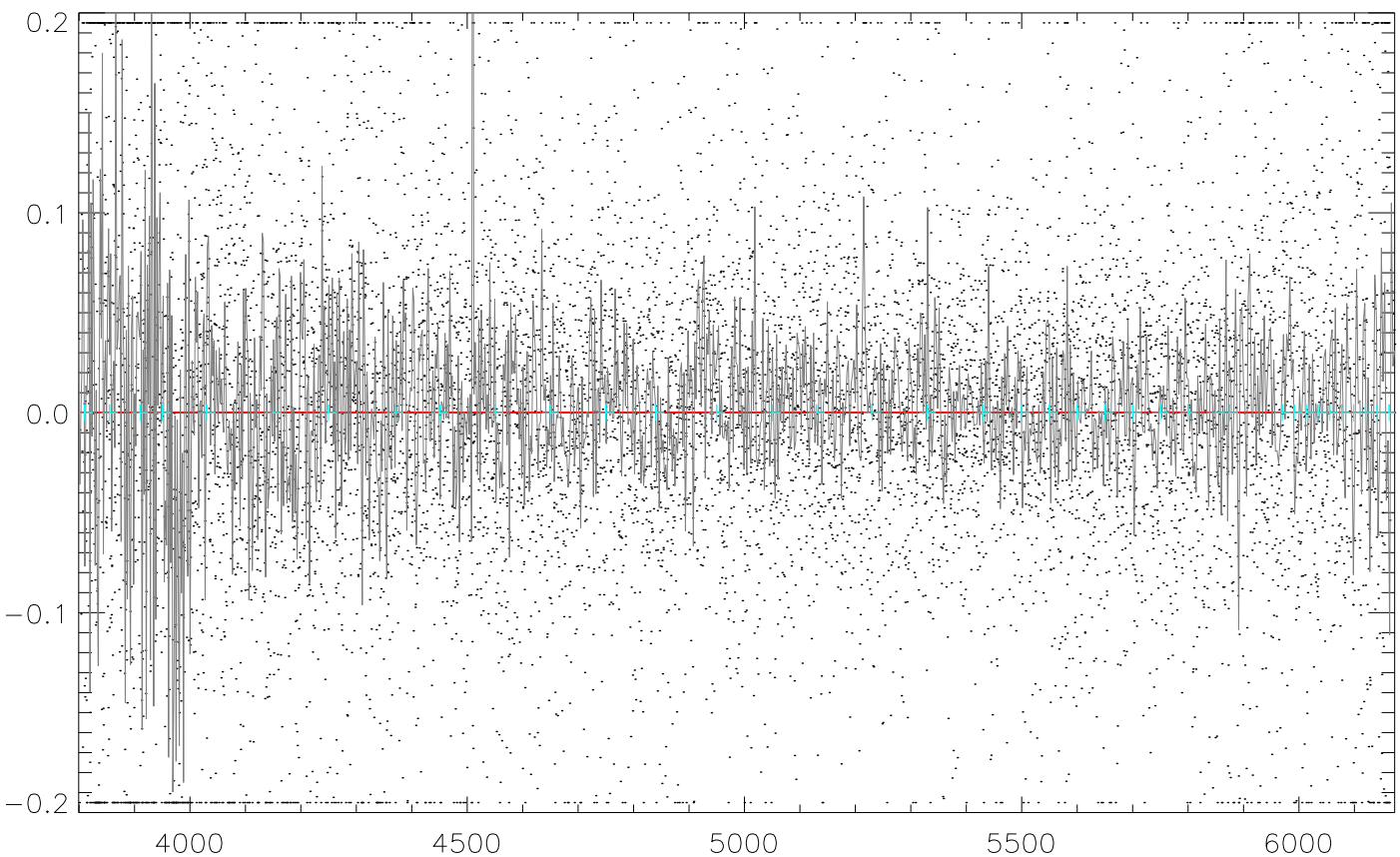
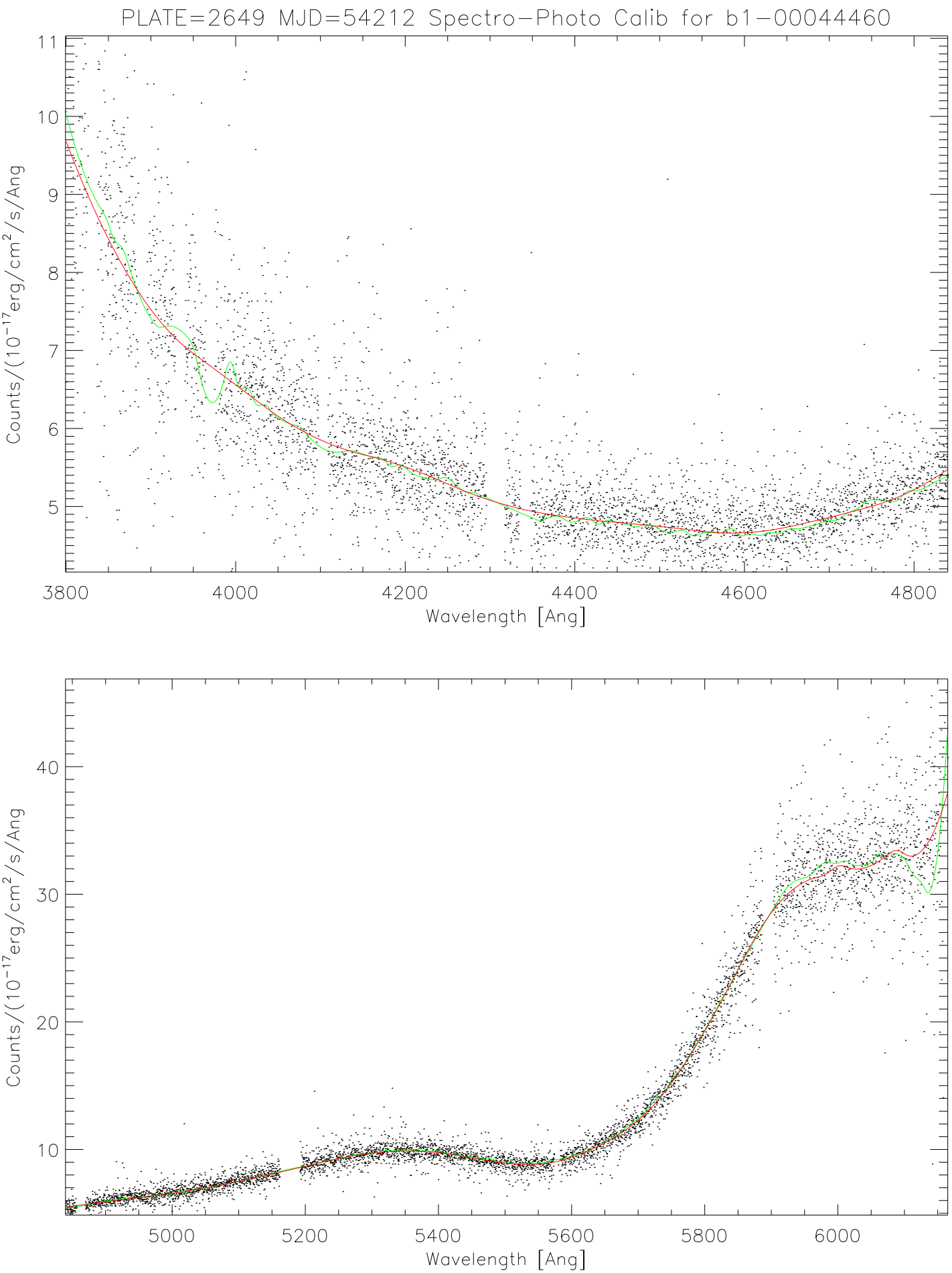
30
20
10
0
6000
6500
7000
7500
8000
8500
9000

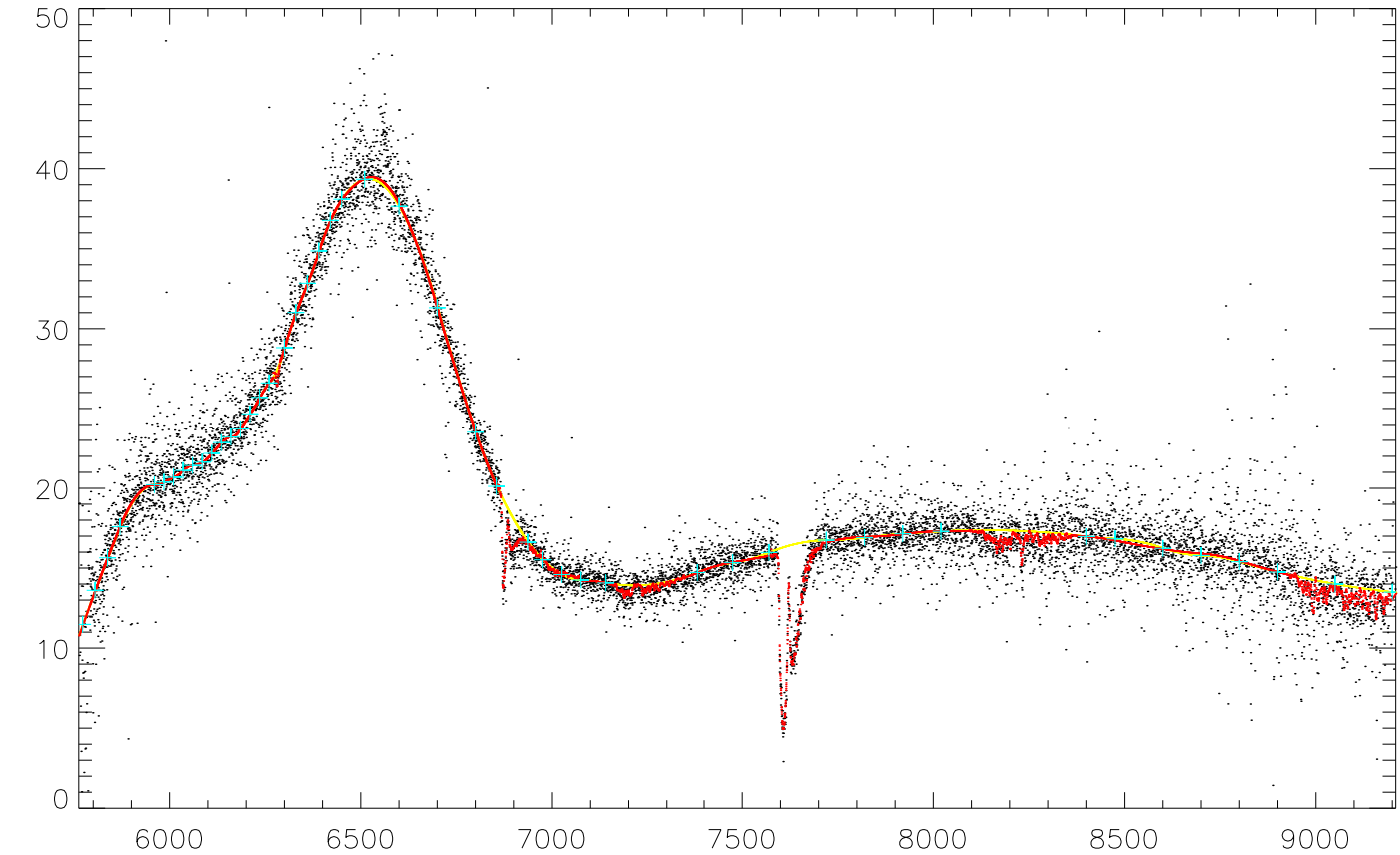

0.2
0.1
0.0
−0.1
−0.2
6000
6500
7000
7500
8000
8500
9000

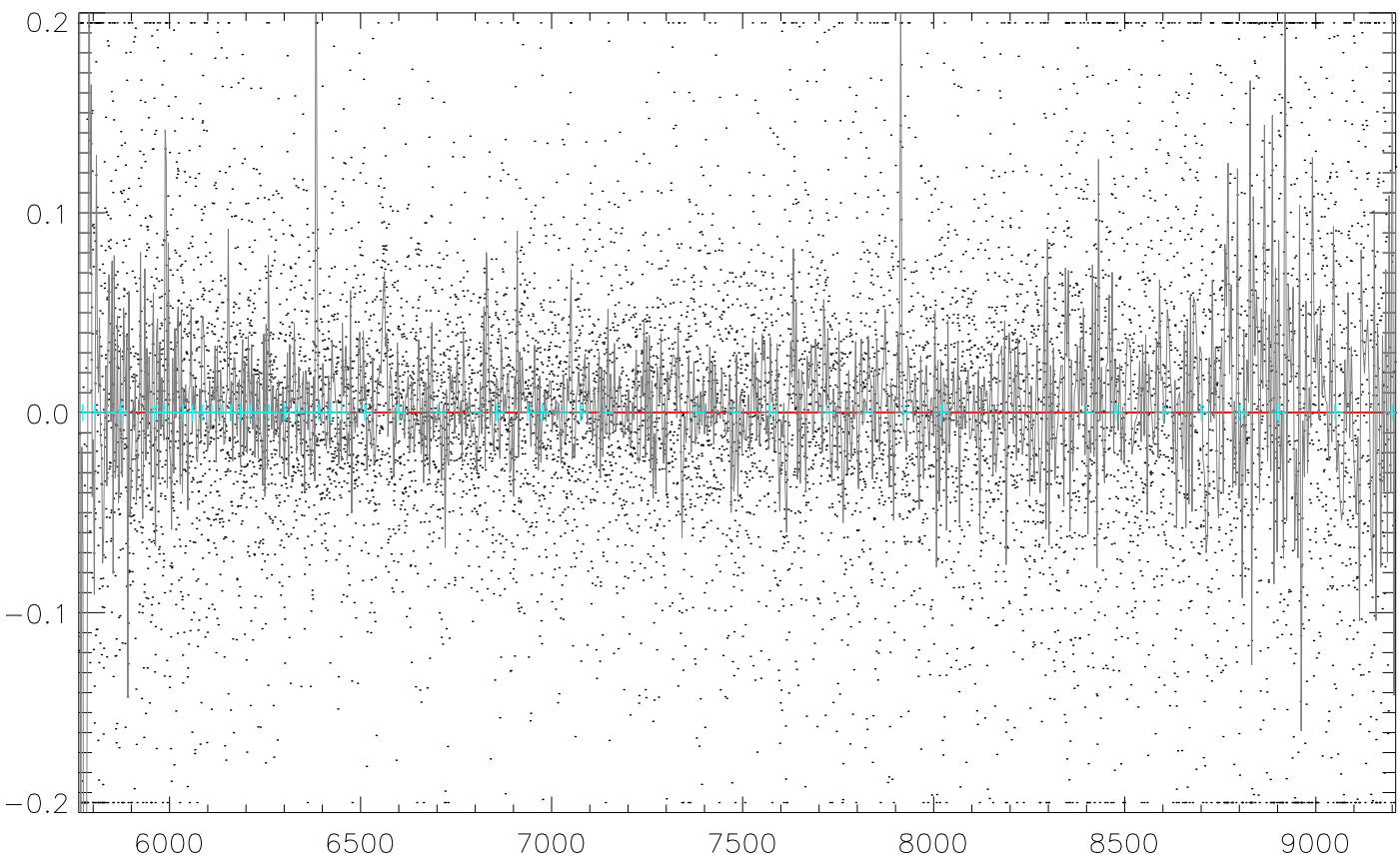

PLATE=2649 MJD=54212 Spectro−Photo Calib for r1−00044459
Counts/(10^-17 erg/cm^2/s/Ang
40
35
30
25
20
15
5800
6000
6200
6400
6600
6800
7000
7200
Wavelength [Ang]
Counts/(10^-17 erg/cm^2/s/Ang
20
15
10
5
7500
8000
8500
9000
Wavelength [Ang]

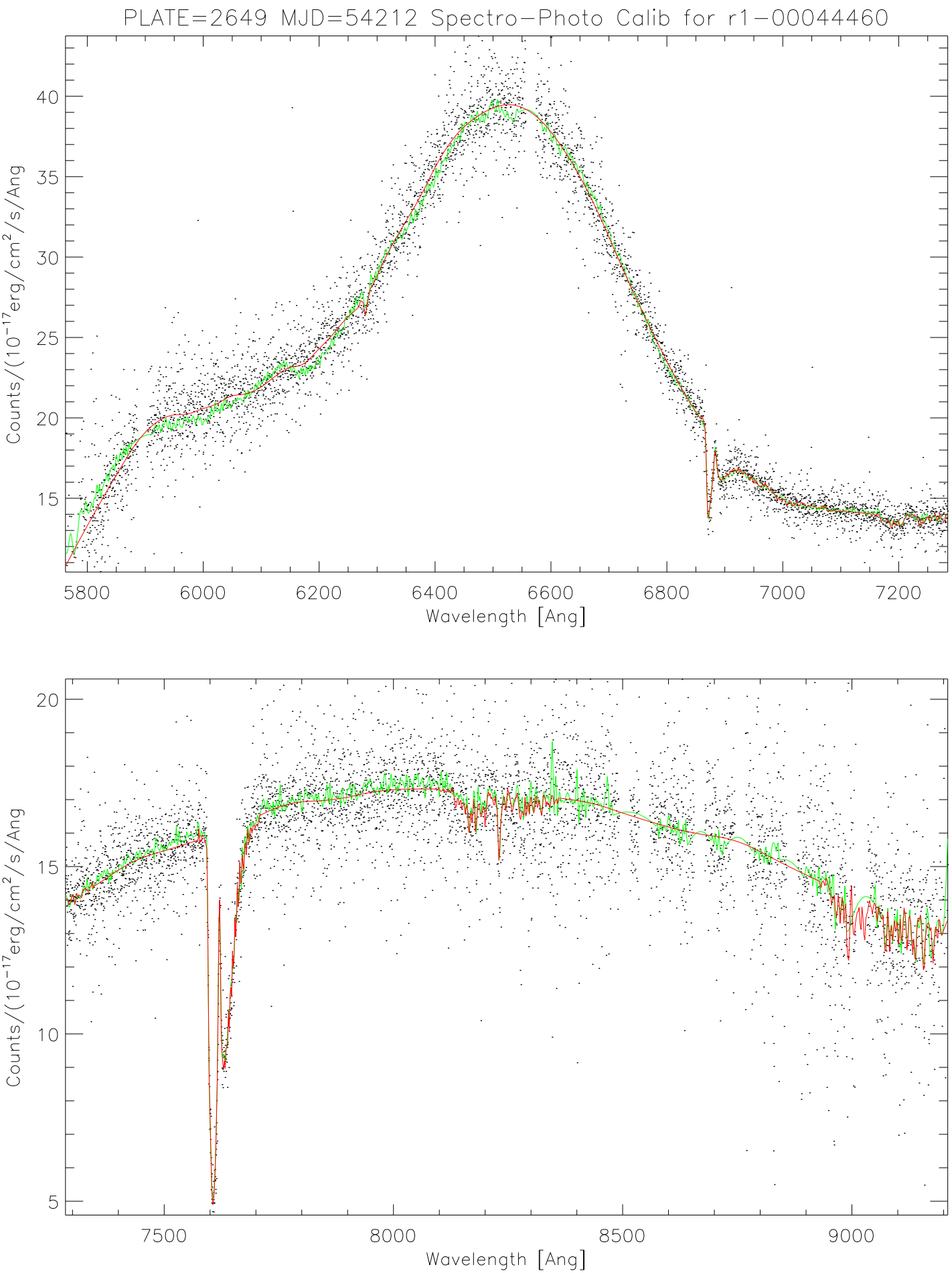

50
40
30
20
10
0
4000
4500
5000
5500
6000

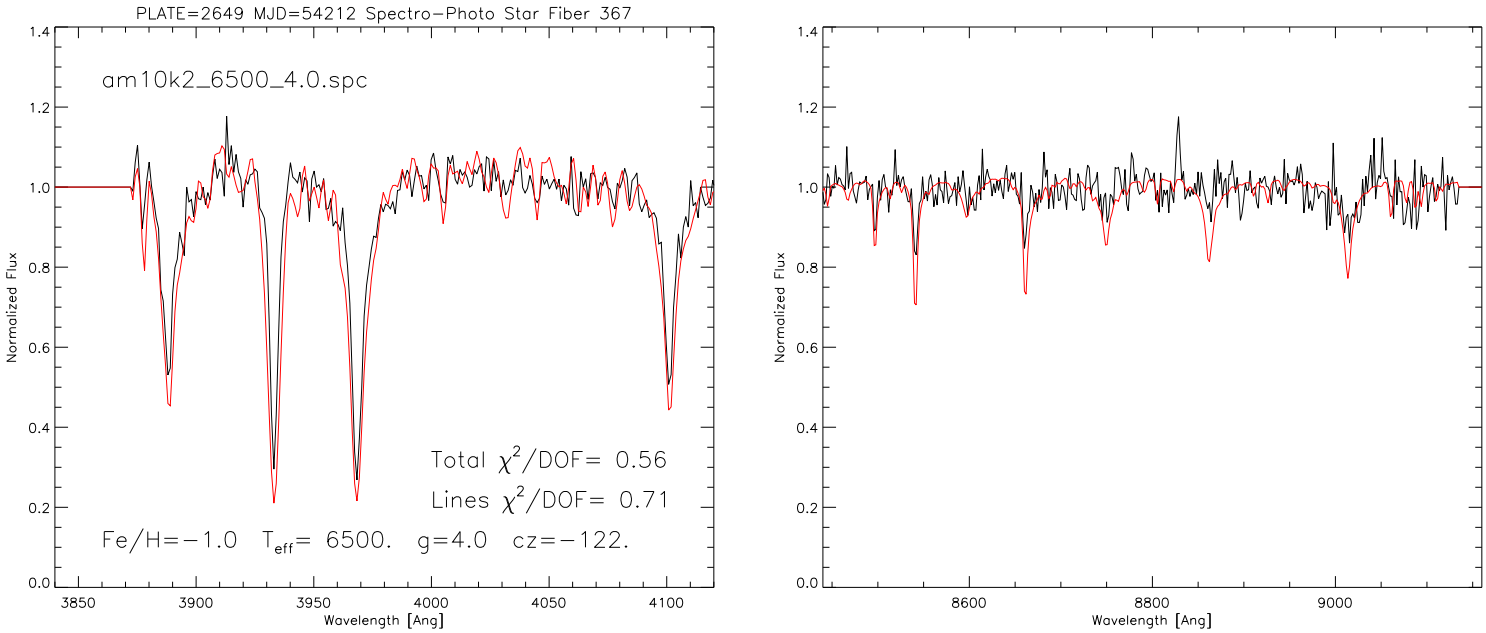

0.2
0.1
0.0
−0.1
−0.2
4000
4500
5000
5500
6000

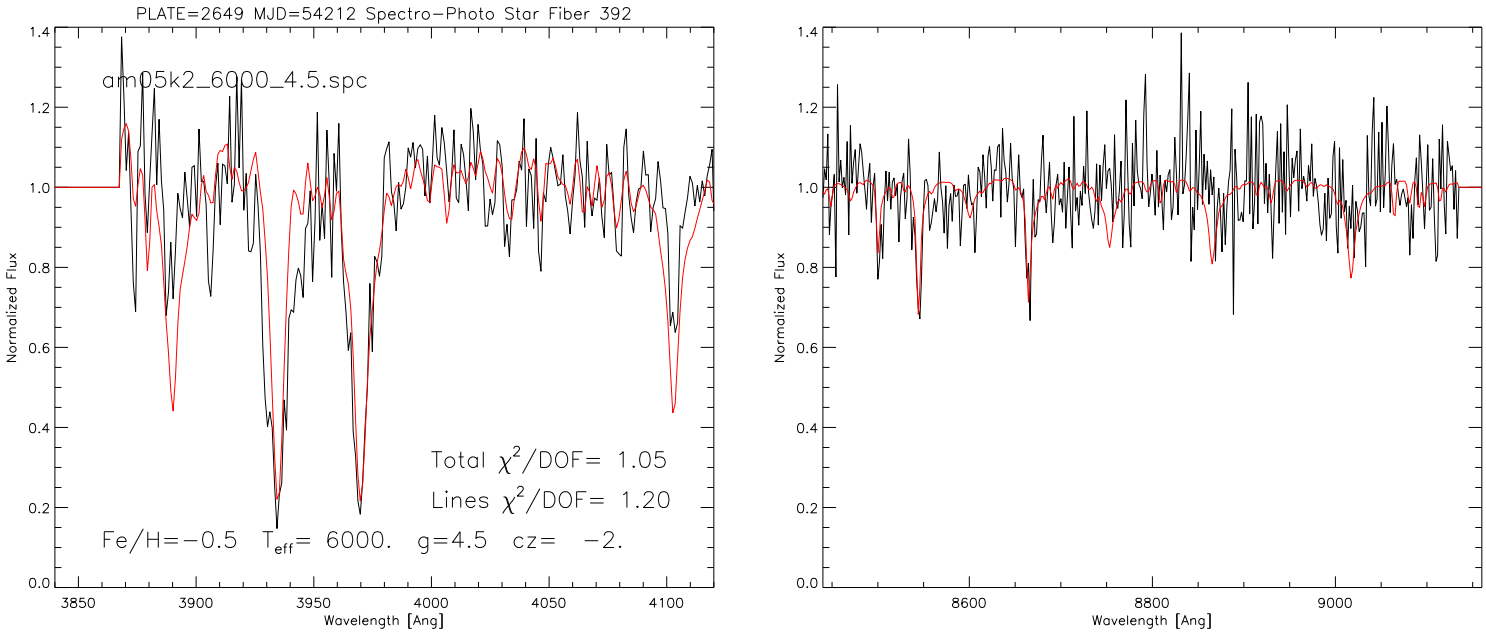

PLATE=2649 MJD=54212 Spectro−Photo Calib for b1−00044460
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
3800
4000
4200
4400
4600
4800
5
6
7
8
9
10
11
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
5000
5200
5400
5600
5800
6000
10
20
30
40

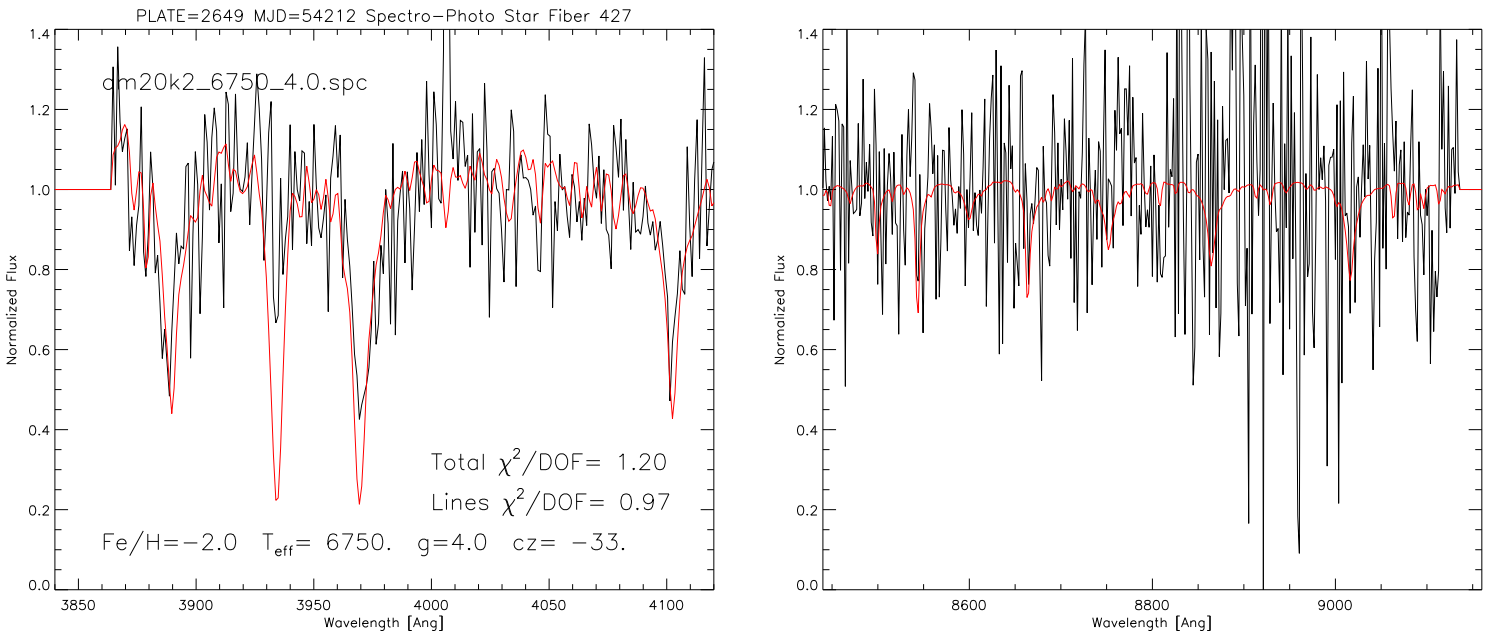

50
40
30
20
10
0
6000
6500
7000
7500
8000
8500
9000

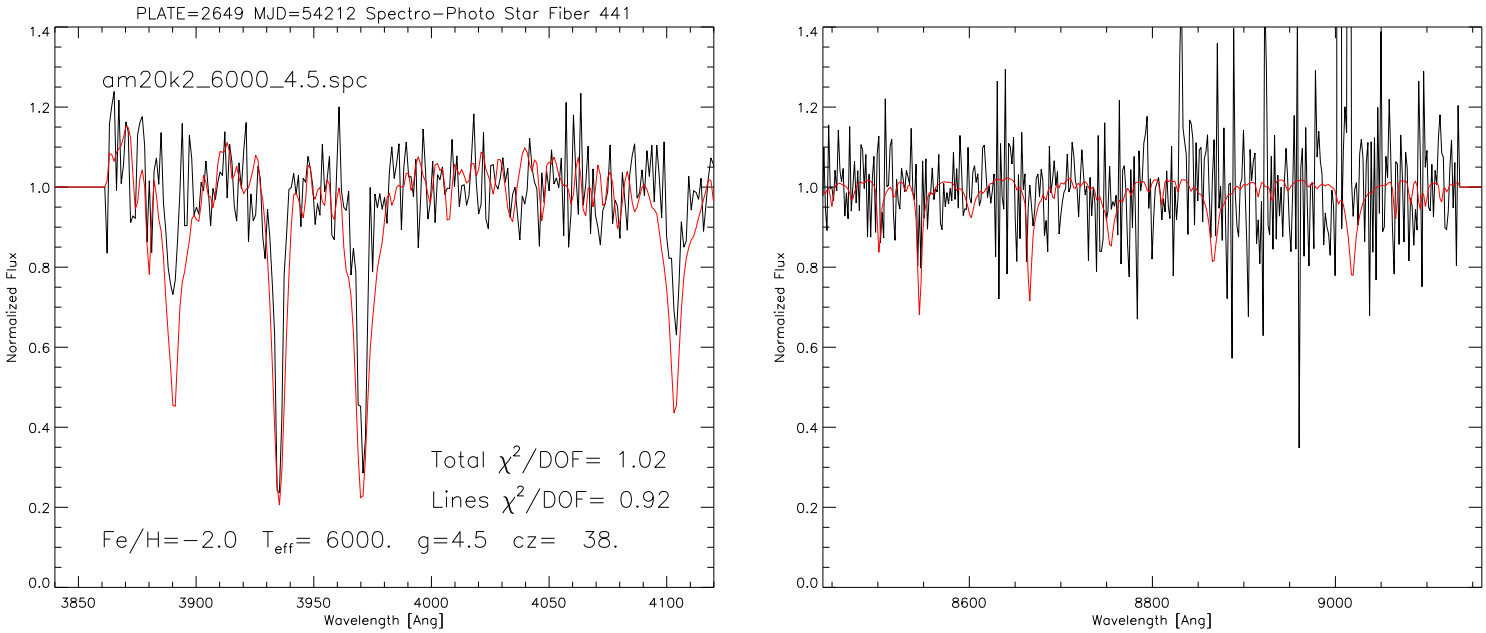

0.2
0.1
0.0
−0.1
−0.2
6000
6500
7000
7500
8000
8500
9000

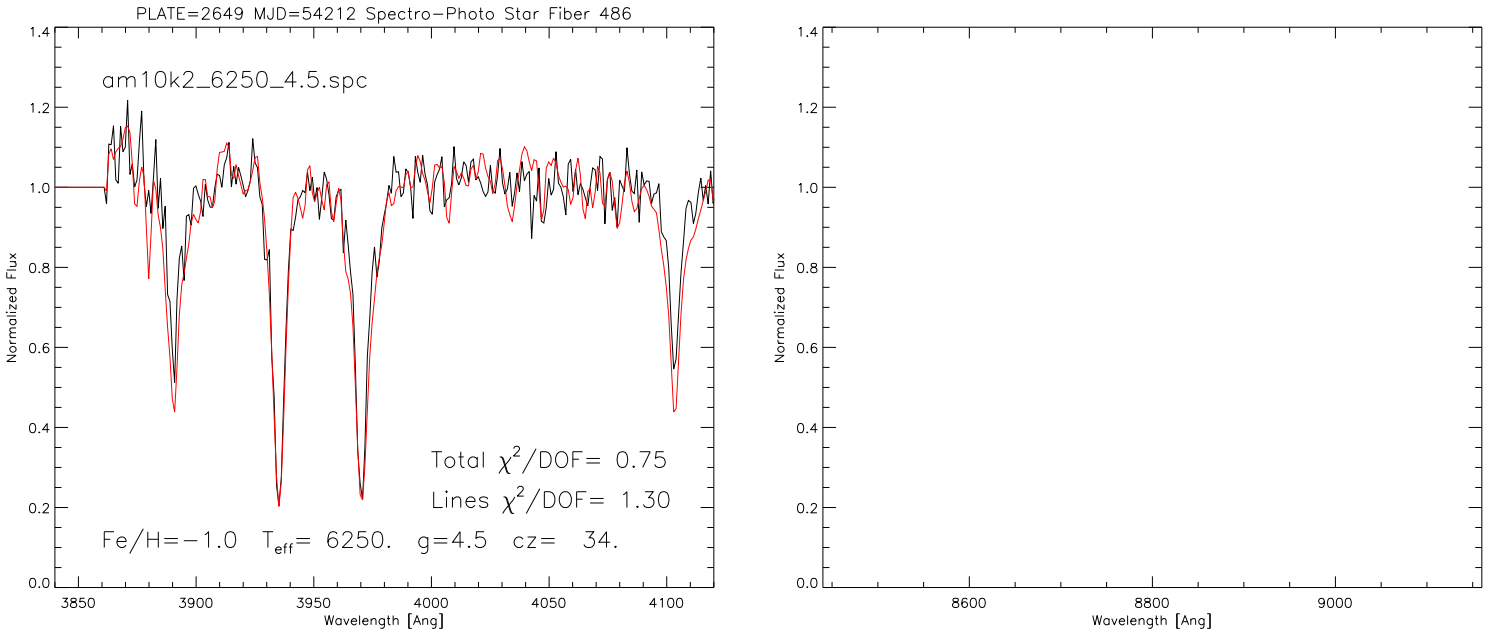

PLATE=2649 MJD=54212 Spectro−Photo Calib for r1−00044460
Counts/(10^-17erg/cm^2/s/Ang
40
35
30
25
20
15
5800
6000
6200
6400
6600
6800
7000
7200
Wavelength [Ang]
Counts/(10^-17erg/cm^2/s/Ang
20
15
10
5
7500
8000
8500
9000
Wavelength [Ang]

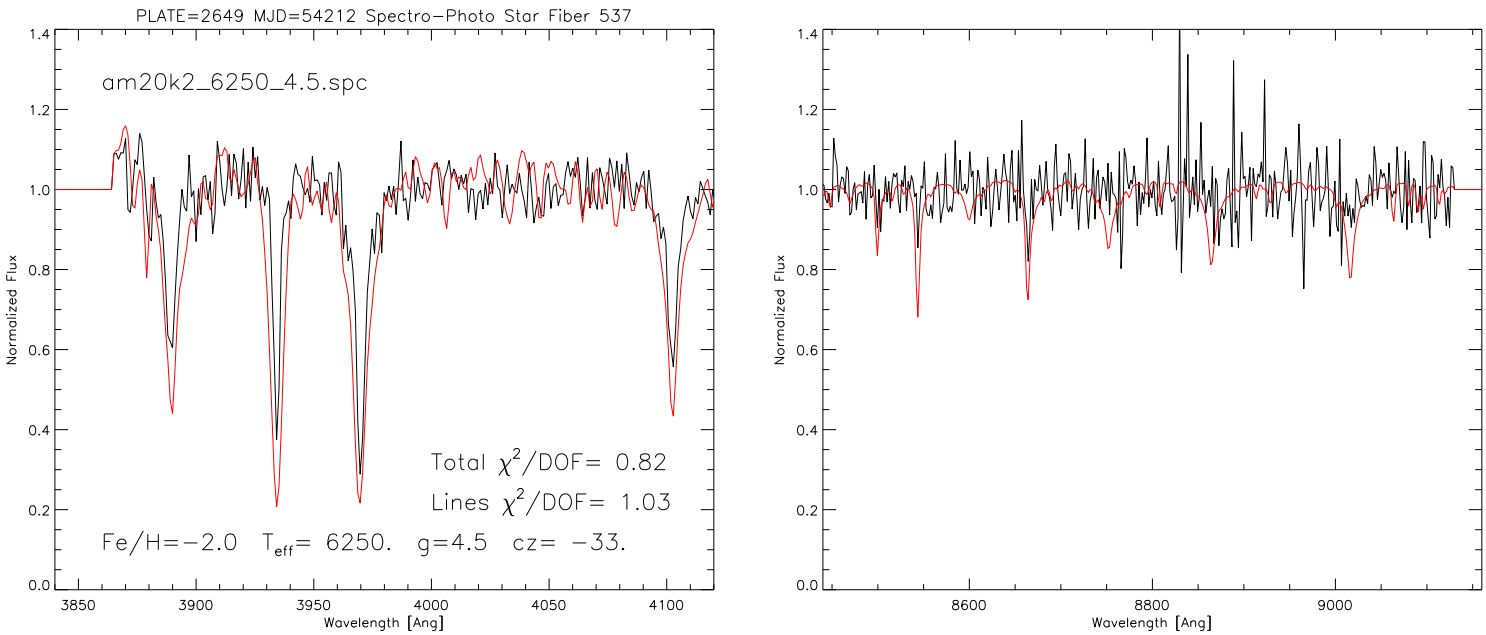

PLATE=2649 MJD=54212 Spectro-Photo Star Fiber 367
am10k2_6500_4.0.spc
Total χ^2/DOF= 0.56
Lines χ^2/DOF= 0.71
Fe/H=−1.0 T_{eff}= 6500. g=4.0 cz=−122.
Normalized Flux
Wavelength [Ang]

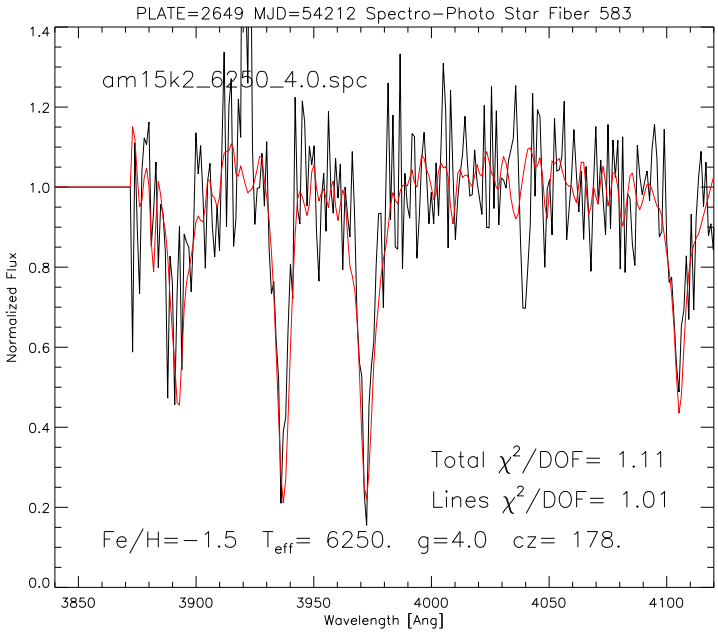

PLATE=2649 MJD=54212 Spectro-Photo Star Fiber 392
am05k2_6000_4.5.spc
Total χ^2/DOF= 1.05
Lines χ^2/DOF= 1.20
Fe/H=−0.5 T_{eff}= 6000. g=4.5 cz= −2.
Normalized Flux
Wavelength [Ang]

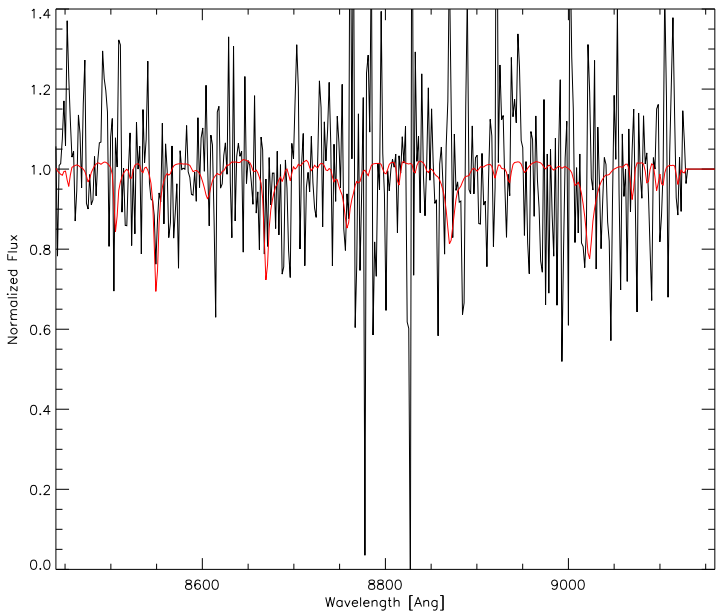

PLATE=2649 MJD=54212 Spectro-Photo Star Fiber 427
am20k2_6750_4.0.spc
Total χ^2/DOF= 1.20
Lines χ^2/DOF= 0.97
Fe/H=−2.0 T_{eff}= 6750. g=4.0 cz= −33.
Normalized Flux
Wavelength [Ang]

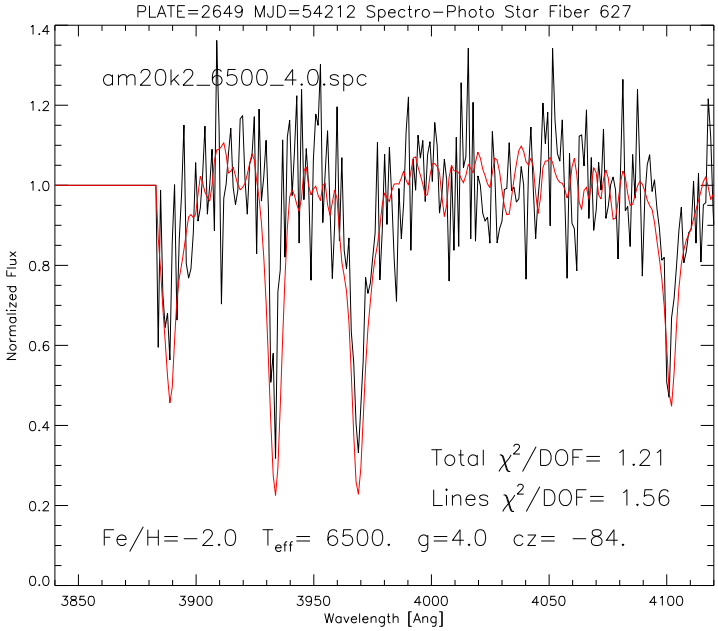

PLATE=2649 MJD=54212 Spectro-Photo Star Fiber 441
am20k2_6000_4.5.spc
Total χ^2/DOF= 1.02
Lines χ^2/DOF= 0.92
Fe/H=−2.0 T_{eff}= 6000. g=4.5 cz= 38.
Normalized Flux
Wavelength [Ang]

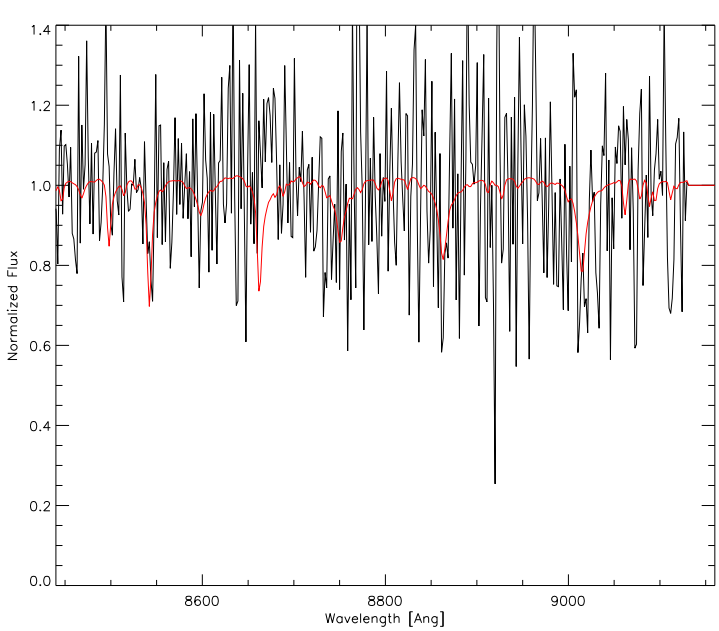

PLATE=2649 MJD=54212 Spectro-Photo Star Fiber 486
am10k2_6250_4.5.spc
Total χ^2/DOF= 0.75
Lines χ^2/DOF= 1.30
Fe/H=−1.0 T_{eff}= 6250. g=4.5 cz= 34.
Normalized Flux
Wavelength [Ang]

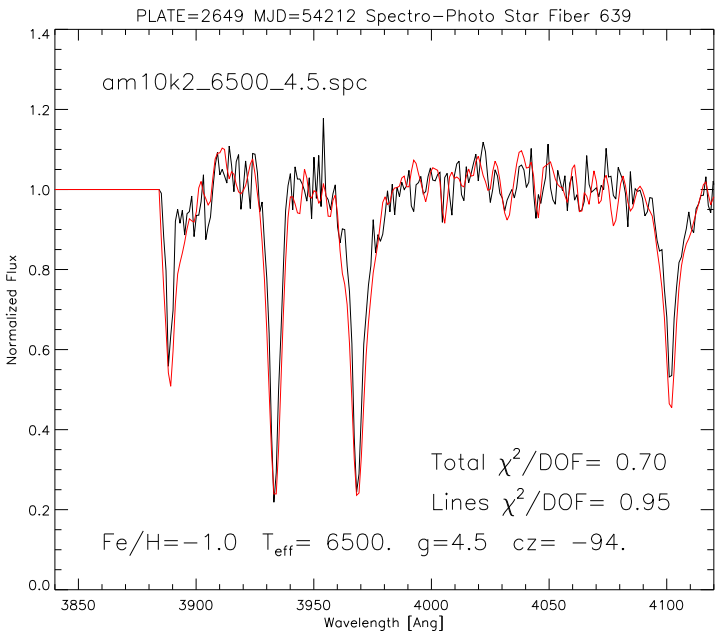

PLATE=2649 MJD=54212 Spectro-Photo Star Fiber 537
am20k2_6250_4.5.spc
Total χ^2/DOF= 0.82
Lines χ^2/DOF= 1.03
Fe/H=−2.0 T_{eff}= 6250. g=4.5 cz= −33.
Normalized Flux
Wavelength [Ang]

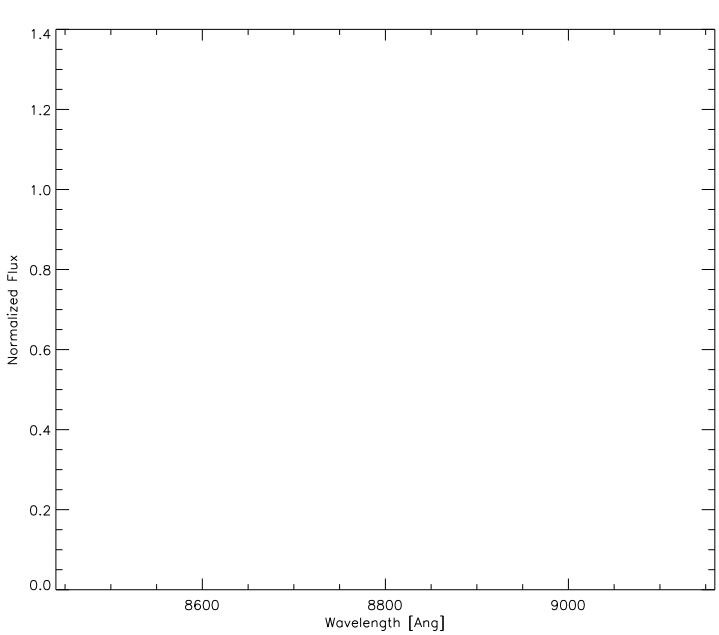

PLATE=2649 MJD=54212 Spectro-Photo Star Fiber 583
am15k2_6250_4.0.spc
Total χ^2/DOF= 1.11
Lines χ^2/DOF= 1.01
Fe/H=−1.5 T_{eff}= 6250. g=4.0 cz= 178.
Normalized Flux
Wavelength [Ang]

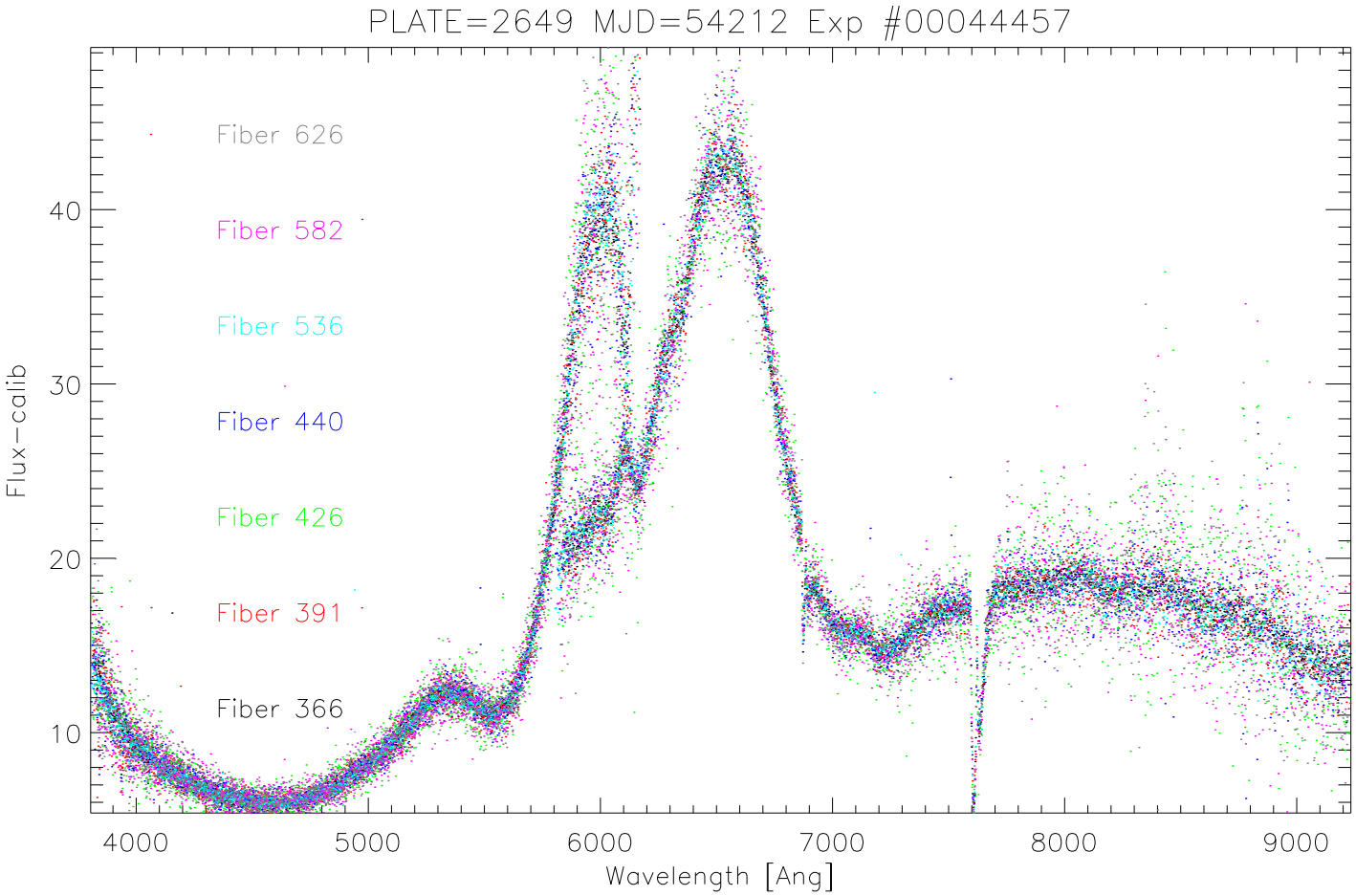

Normalized Flux
Wavelength [Ang]

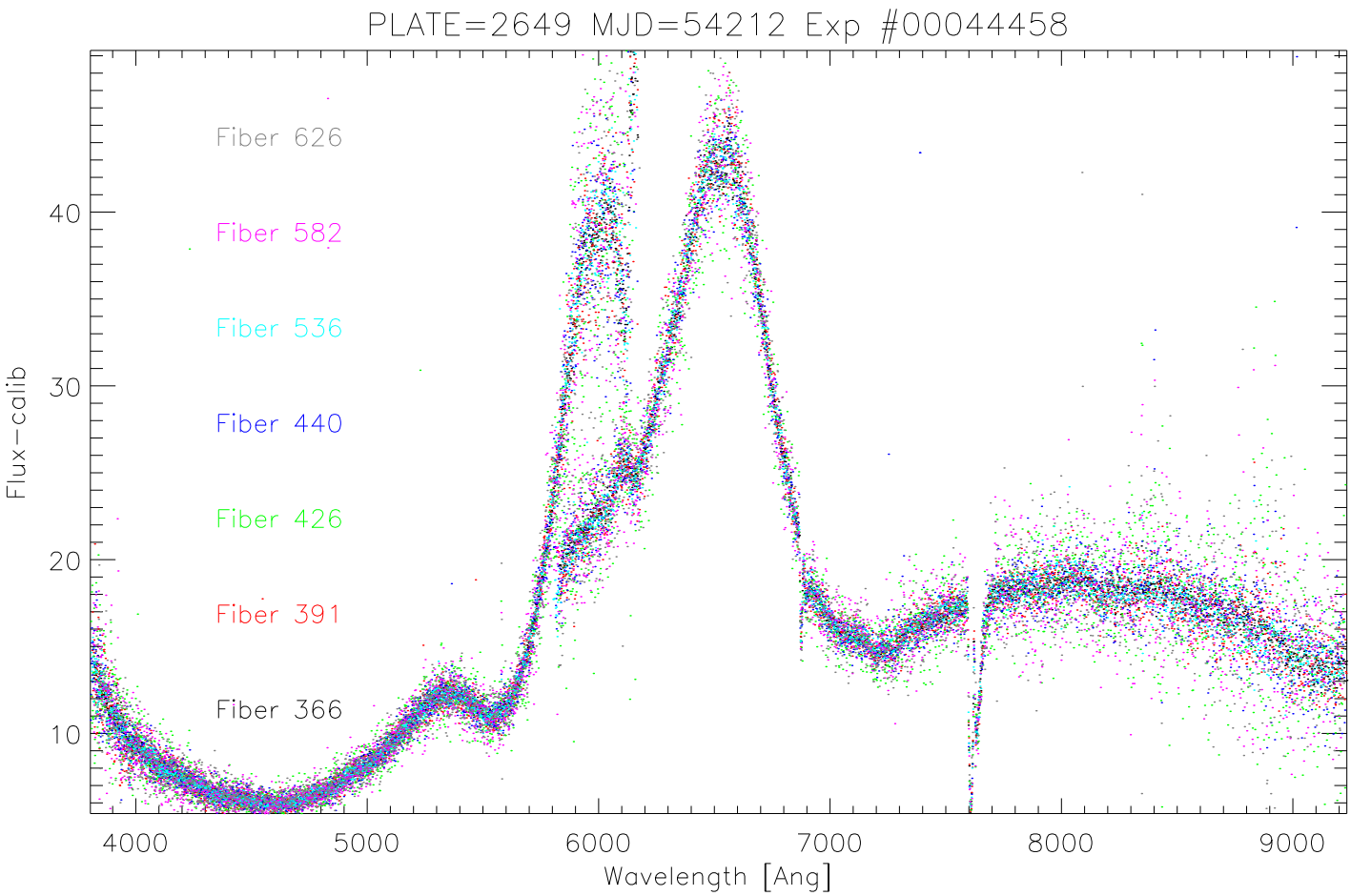

PLATE=2649 MJD=54212 Spectro-Photo Star Fiber 627
am20k2_6500_4.0.spc
Total χ^2/DOF= 1.21
Lines χ^2/DOF= 1.56
Fe/H=−2.0 T_{eff}= 6500. g=4.0 cz= −84.
Normalized Flux
Wavelength [Ang]


Normalized Flux
Wavelength [Ang]


PLATE=2649 MJD=54212 Spectro-Photo Star Fiber 639
am10k2_6500_4.5.spc
Total χ^2/DOF= 0.70
Lines χ^2/DOF= 0.95
Fe/H=−1.0 T_{eff}= 6500. g=4.5 cz= −94.
Normalized Flux
Wavelength [Ang]


Normalized Flux
Wavelength [Ang]


PLATE=2649 MJD=54212 Exp #00044457
Fiber 626
Fiber 582
Fiber 536
Fiber 440
Fiber 426
Fiber 391
Fiber 366
Flux−calib
10
20
30
40
4000
5000
6000
7000
8000
9000
Wavelength [Ang]


PLATE=2649 MJD=54212 Exp #00044458
Fiber 626
Fiber 582
Fiber 536
Fiber 440
Fiber 426
Fiber 391
Fiber 366
Flux−calib
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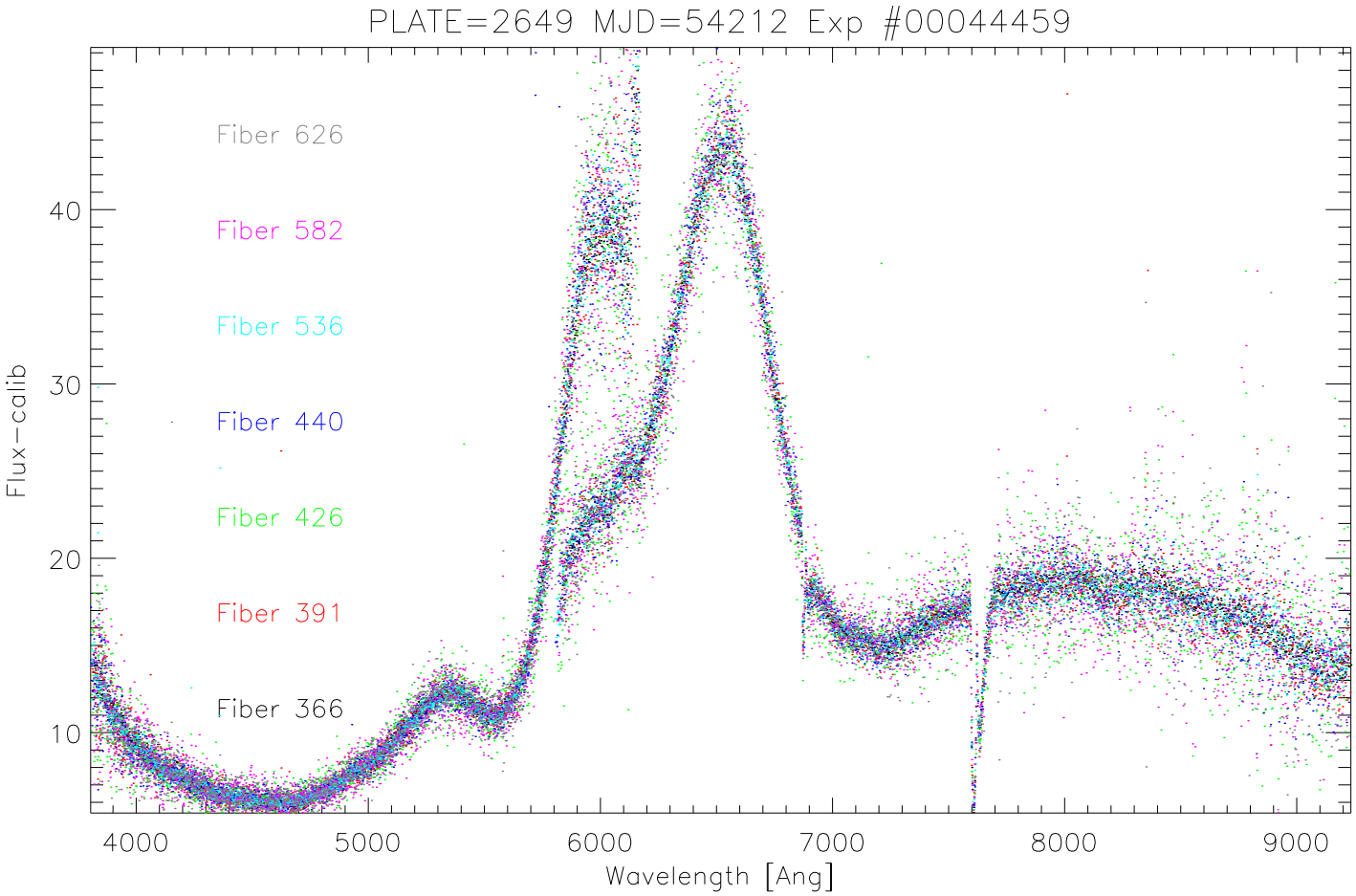
5000
6000
7000
8000
9000
Wavelength [Ang]


PLATE=2649 MJD=54212 Exp #00044459
Fiber 626
Fiber 582
Fiber 536
Fiber 440
Fiber 426
Fiber 391
Fiber 366
Flux−calib
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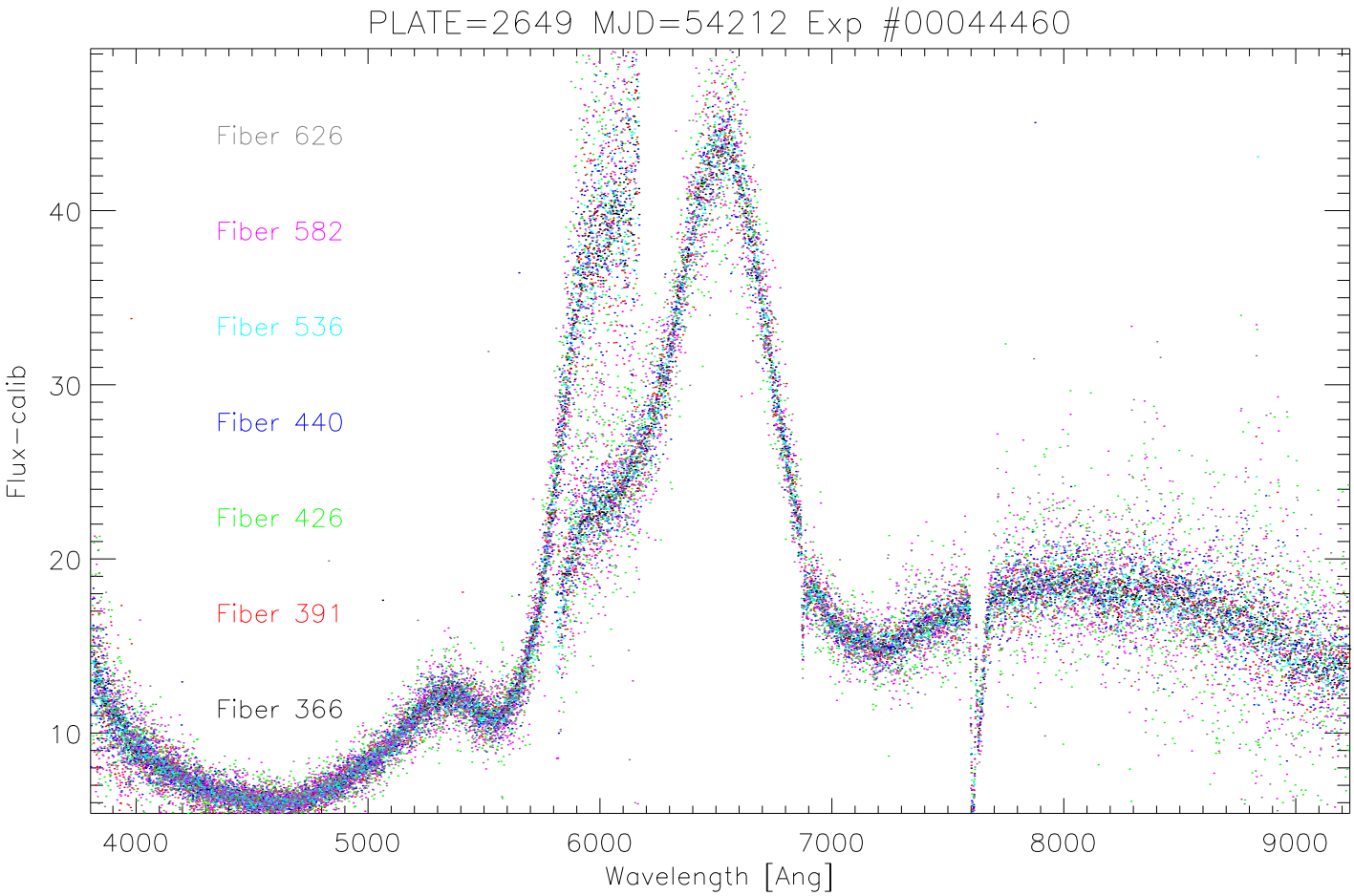
7000
8000
9000
Wavelength [Ang]


PLATE=2649 MJD=54212 Exp #00044460
Fiber 626
Fiber 582
Fiber 536
Fiber 440
Fiber 426
Fiber 391
Fiber 366
Flux−calib
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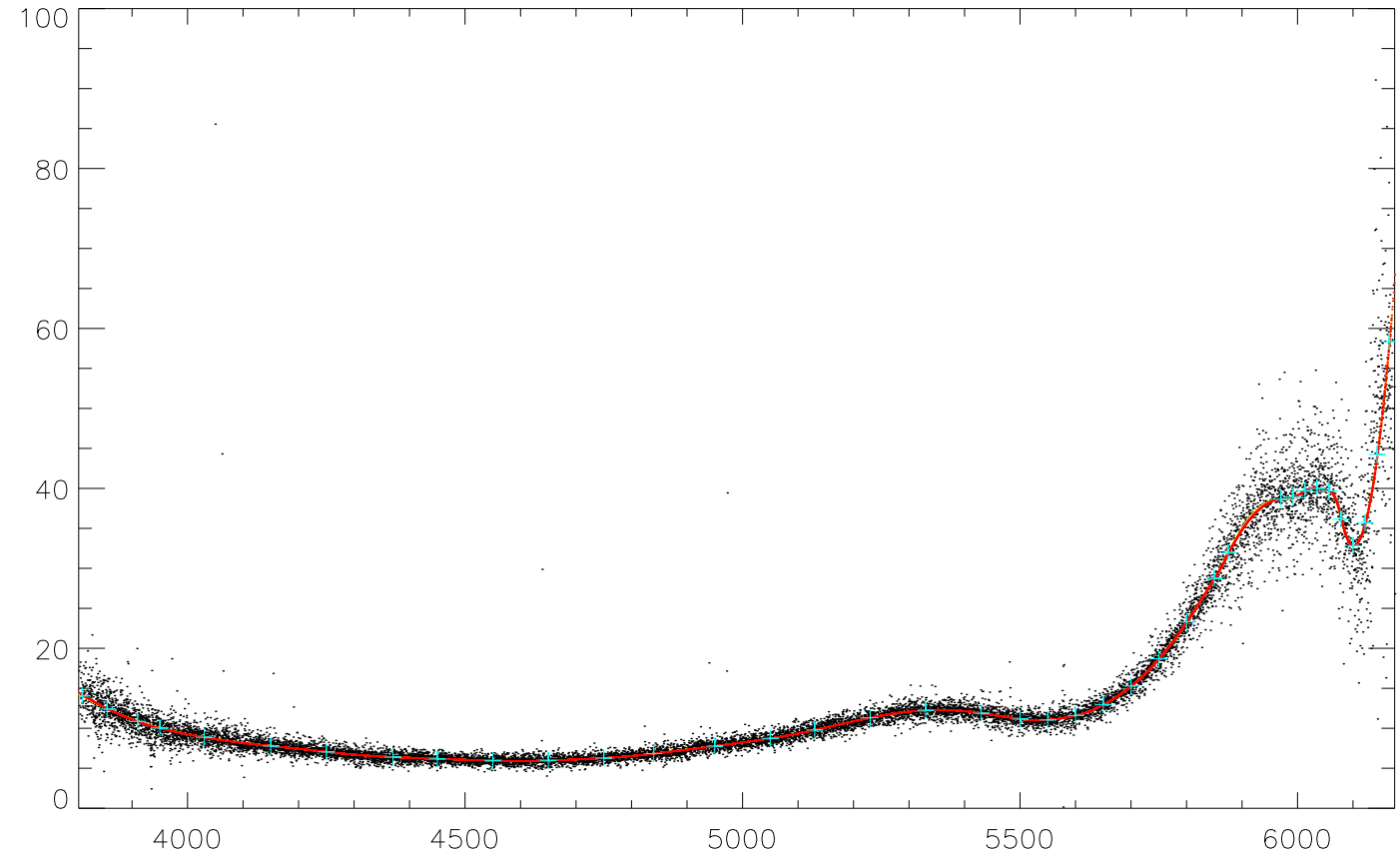
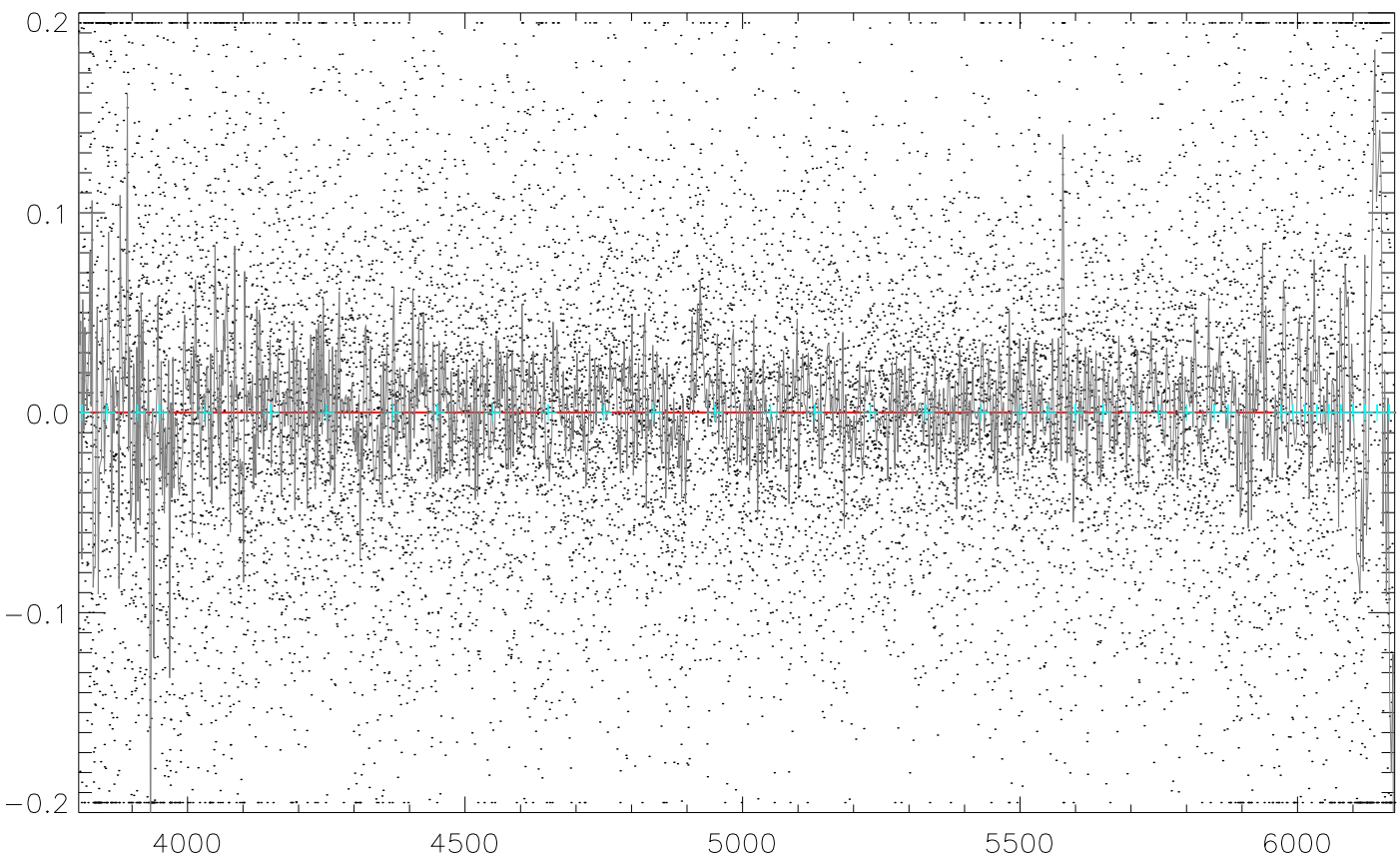
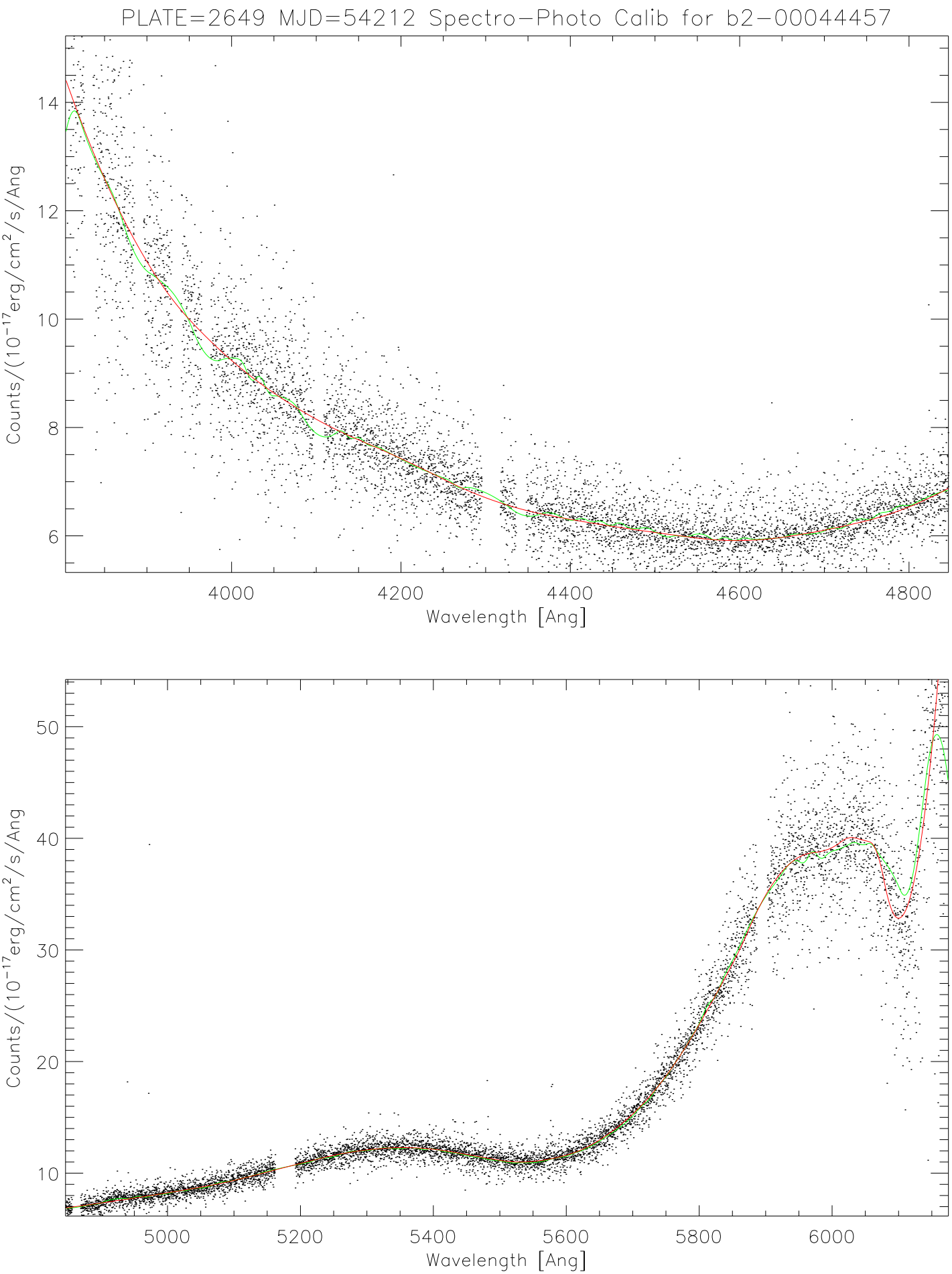
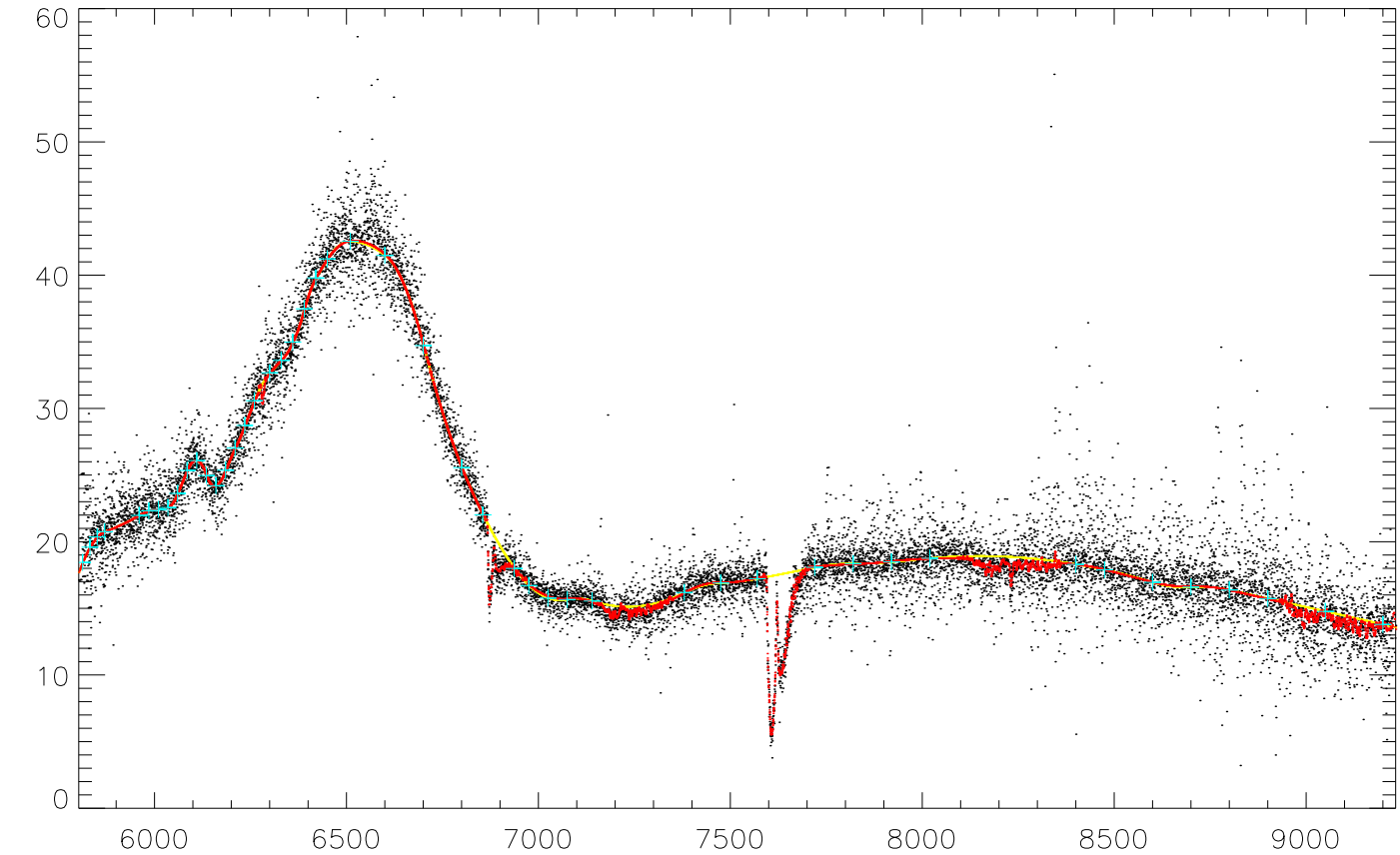
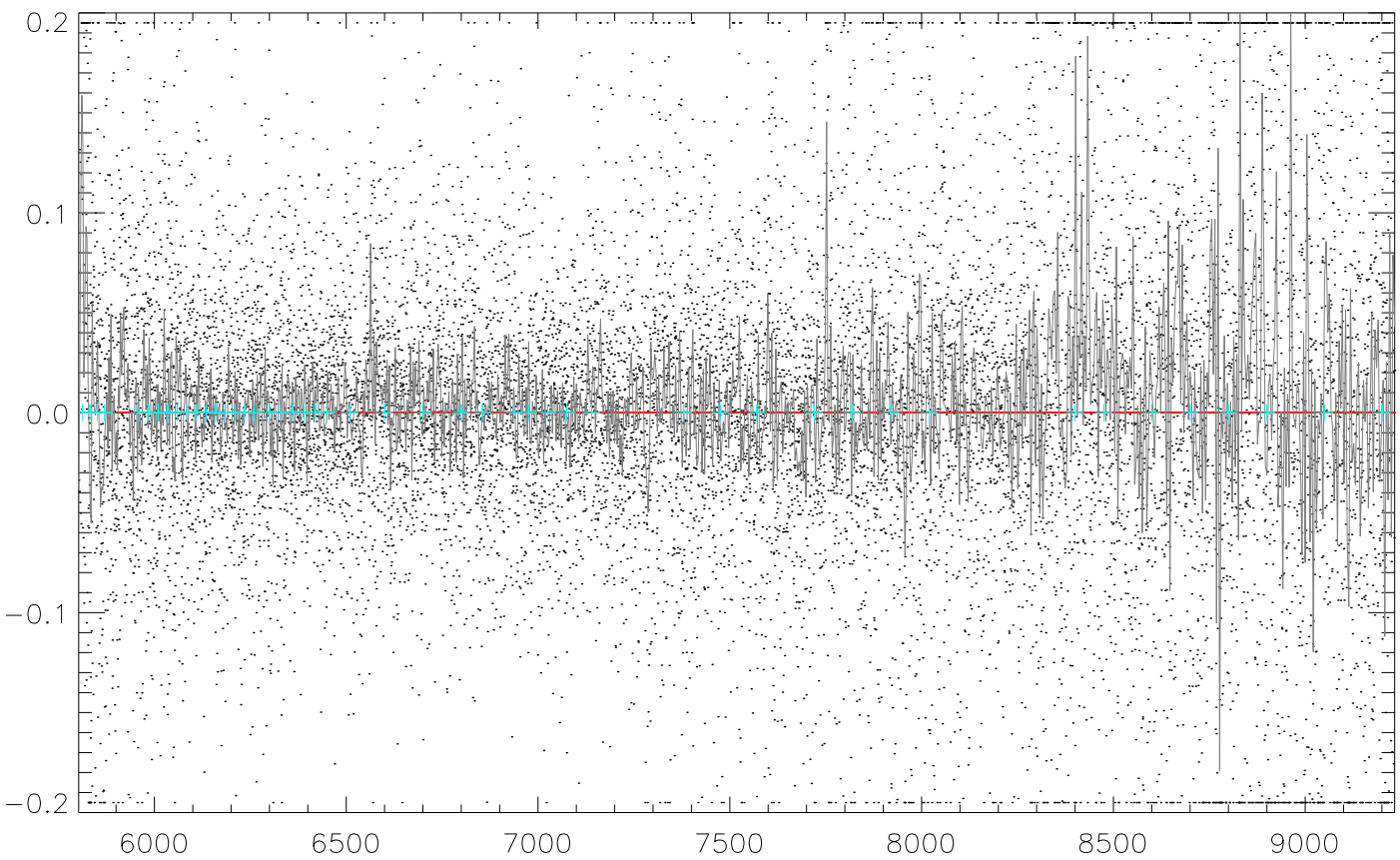
7000
8000
9000
Wavelength [Ang]

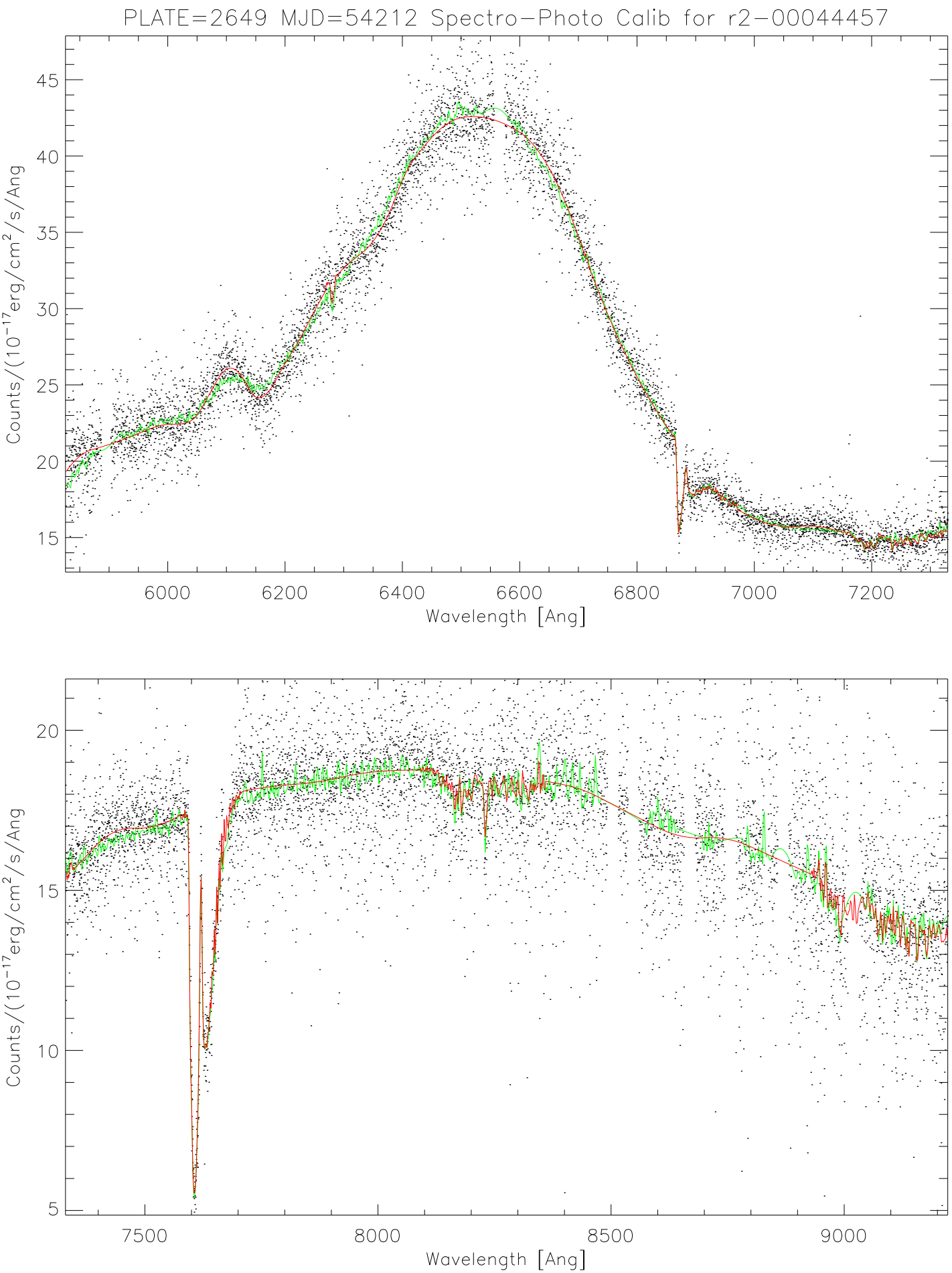

100
80
60
40
20
0
4000
4500
5000
5500
6000

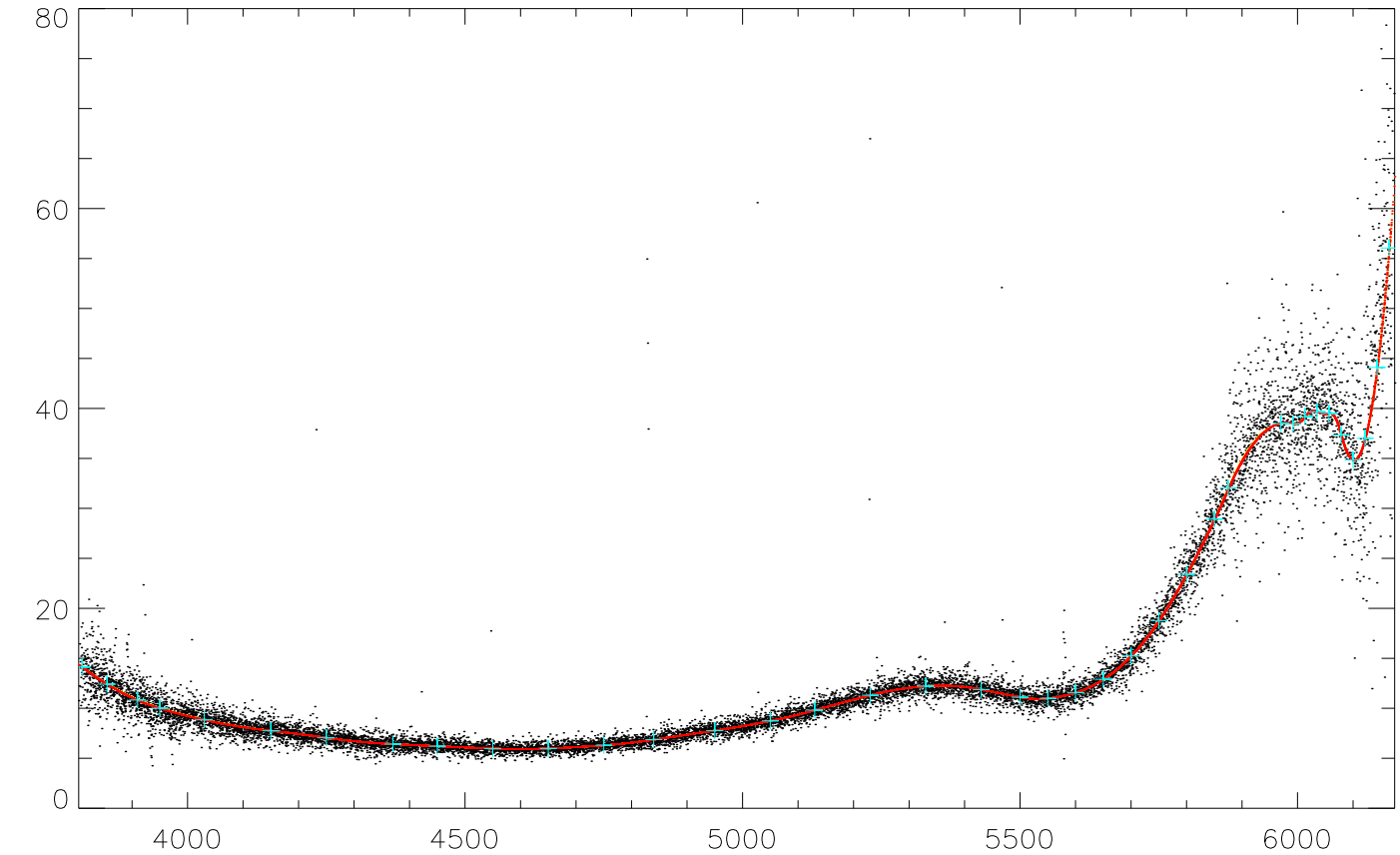

0.2
0.1
0.0
−0.1
−0.2
4000
4500
5000
5500
6000

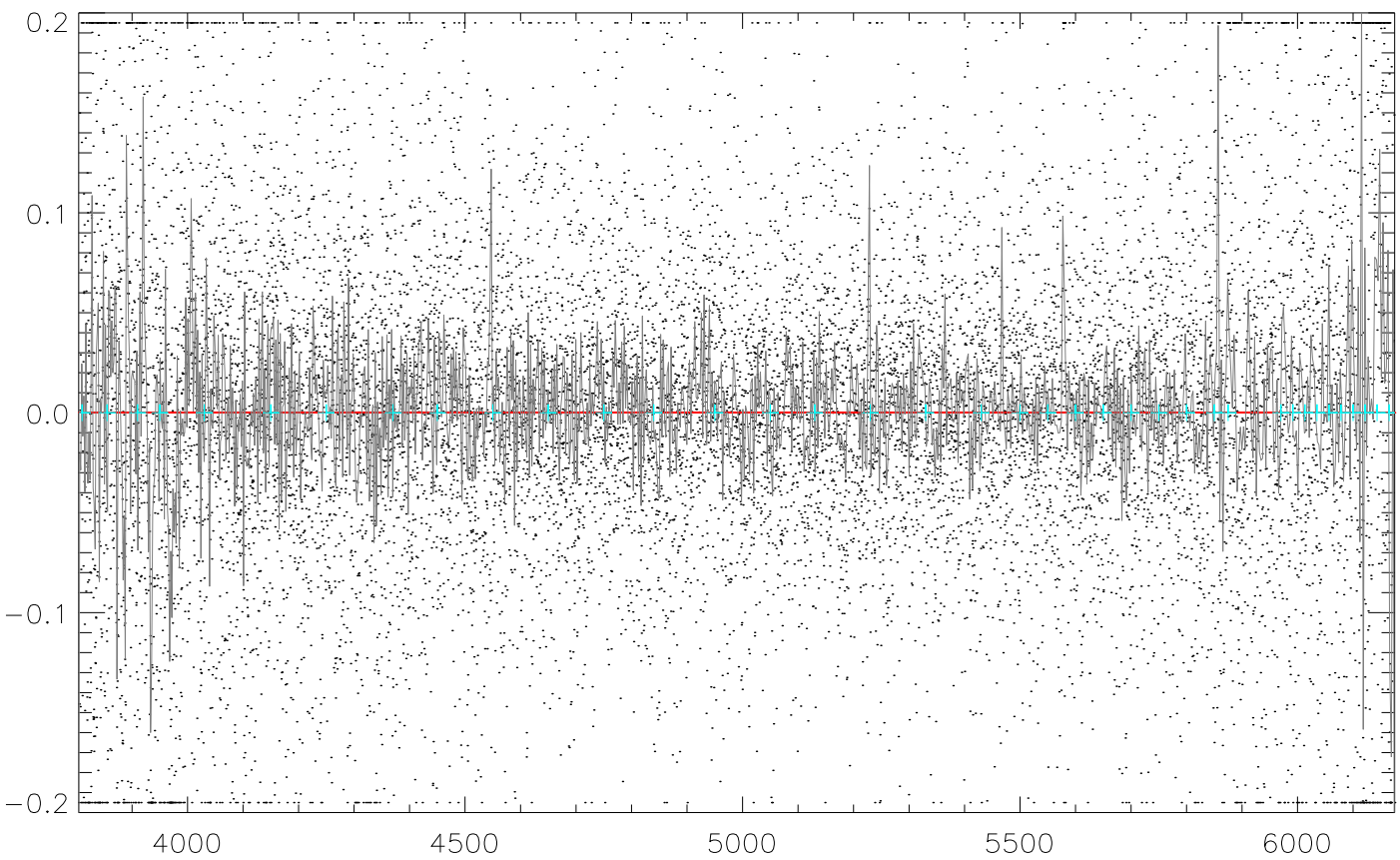

PLATE=2649 MJD=54212 Spectro−Photo Calib for b2−00044457
Counts/(10^-17 erg/cm^2/s/Ang
14
12
10
8
6
4000
4200
4400
4600
4800
Wavelength [Ang]
Counts/(10^-17 erg/cm^2/s/Ang
50
40
30
20
10
5000
5200
5400
5600
5800
6000
Wavelength [Ang]

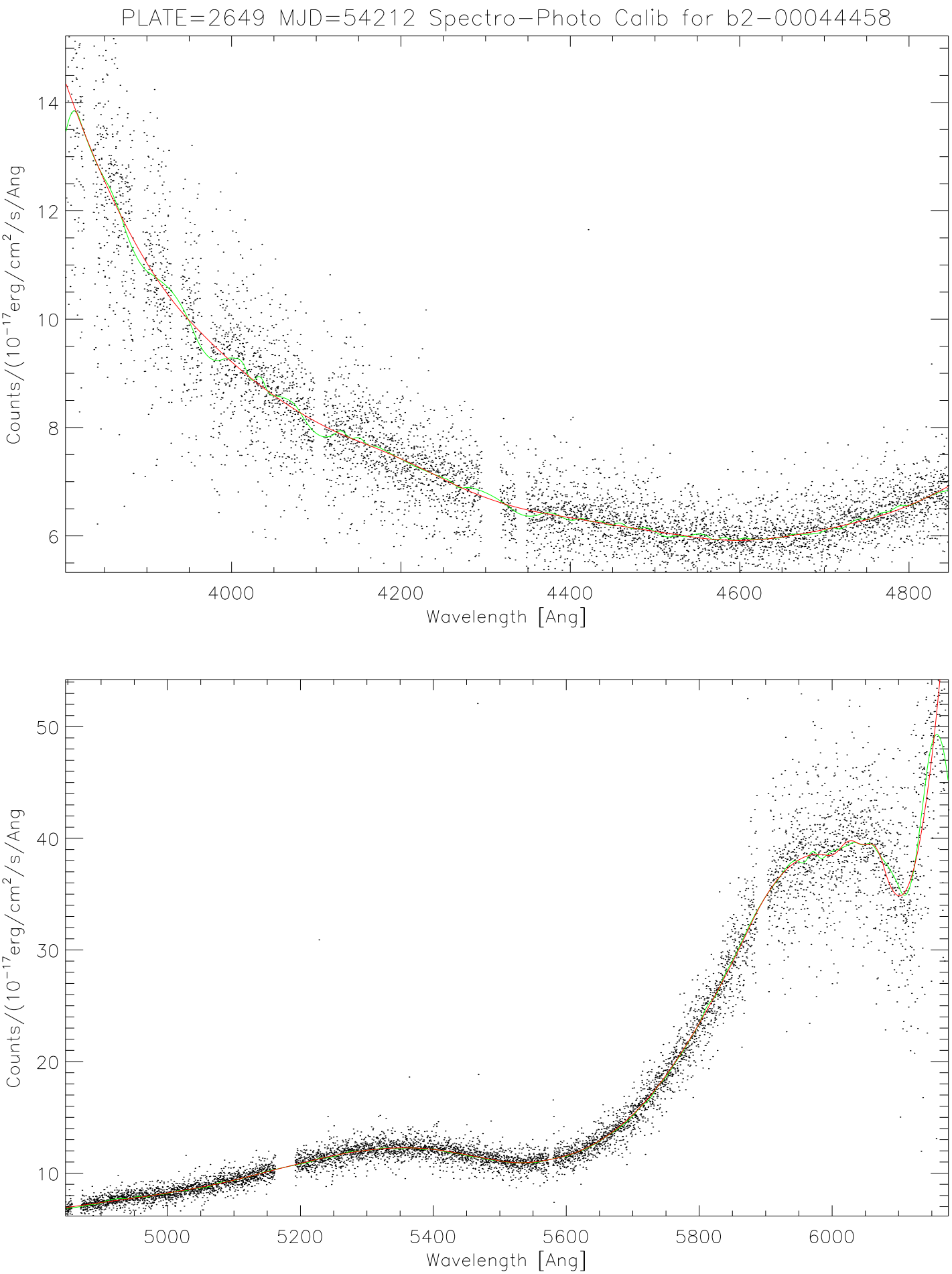

60
50
40
30
20
10
0
6000
6500
7000
7500
8000
8500
9000

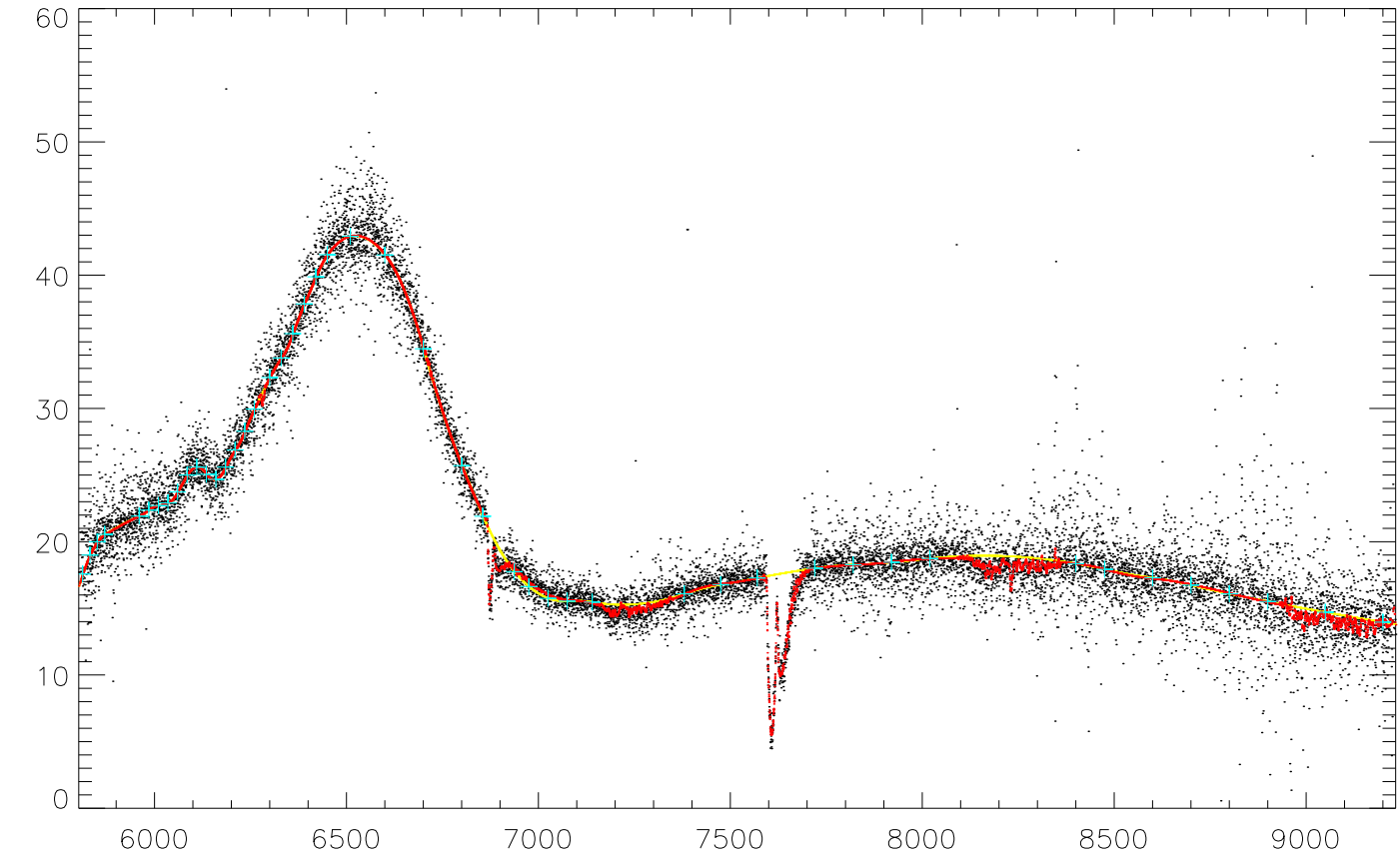

0.2
0.1
0.0
−0.1
−0.2
6000
6500
7000
7500
8000
8500
9000

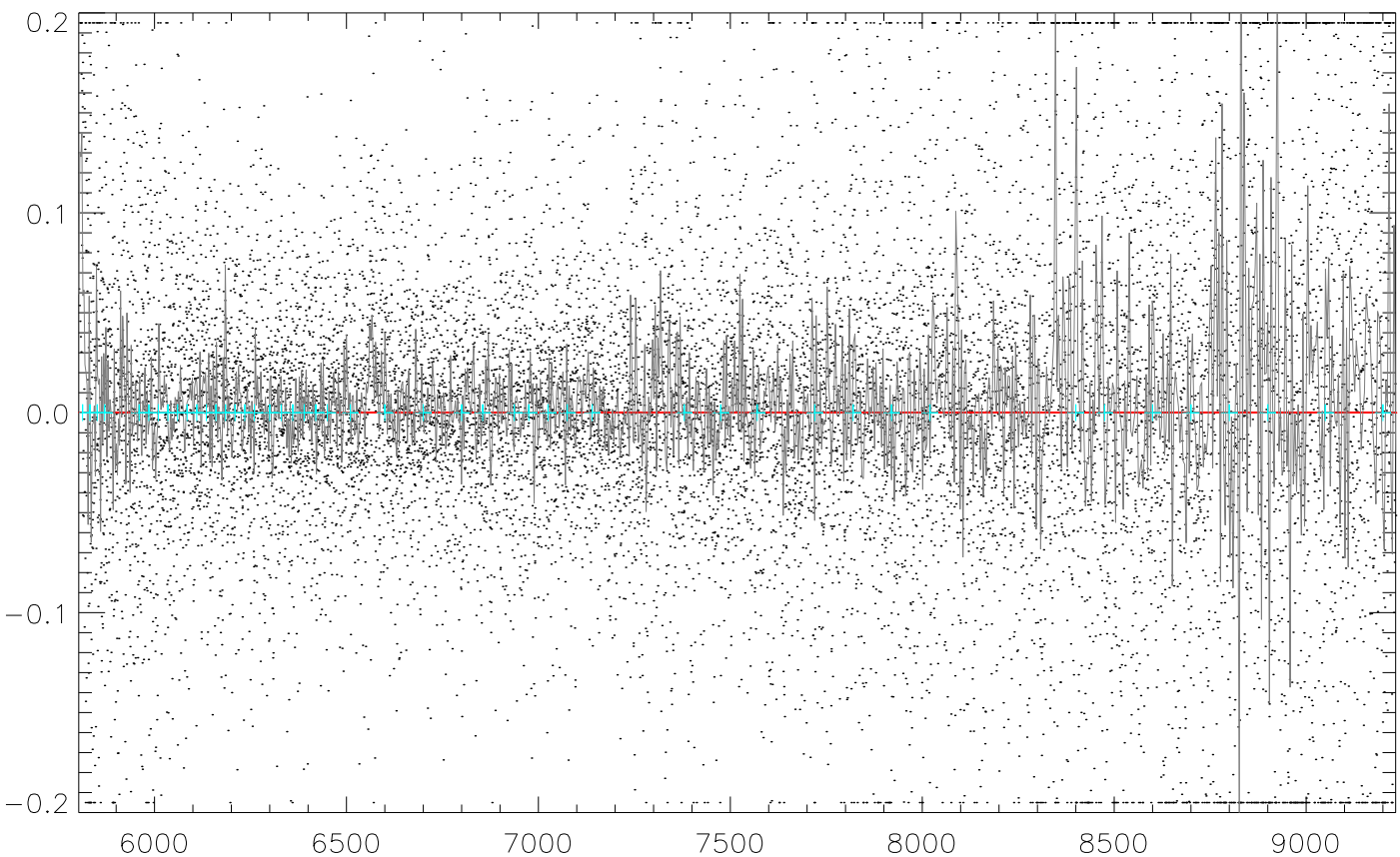

PLATE=2649 MJD=54212 Spectro−Photo Calib for r2−00044457
Counts/(10^-17erg/cm^2/s/Ang
Wavelength [Ang]
45
40
35
30
25
20
15
6000
6200
6400
6600
6800
7000
7200
Counts/(10^-17erg/cm^2/s/Ang
Wavelength [Ang]
20
15
10
5
7500
8000
8500
9000

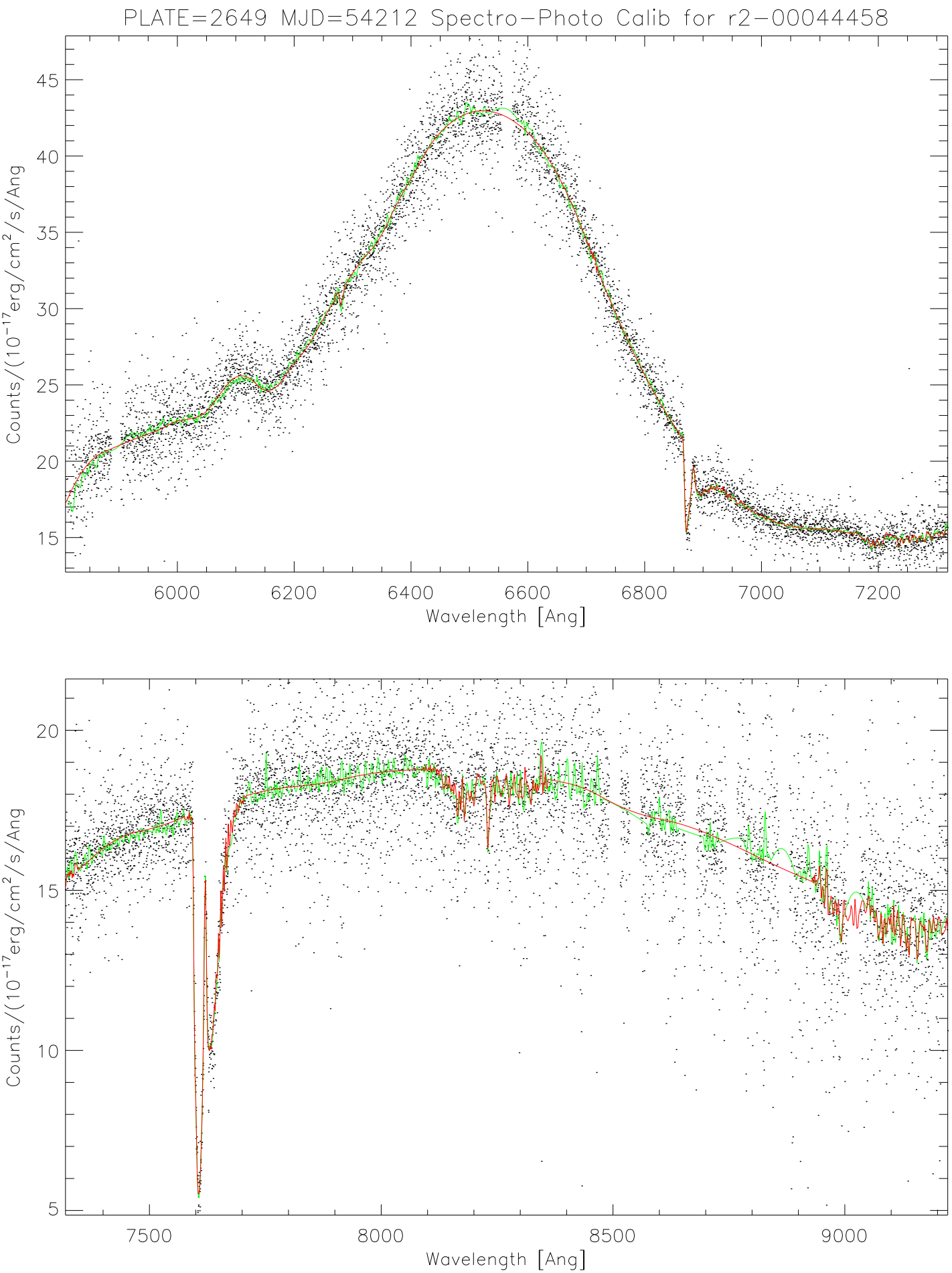

80
60
40
20
0
4000
4500
5000
5500
6000

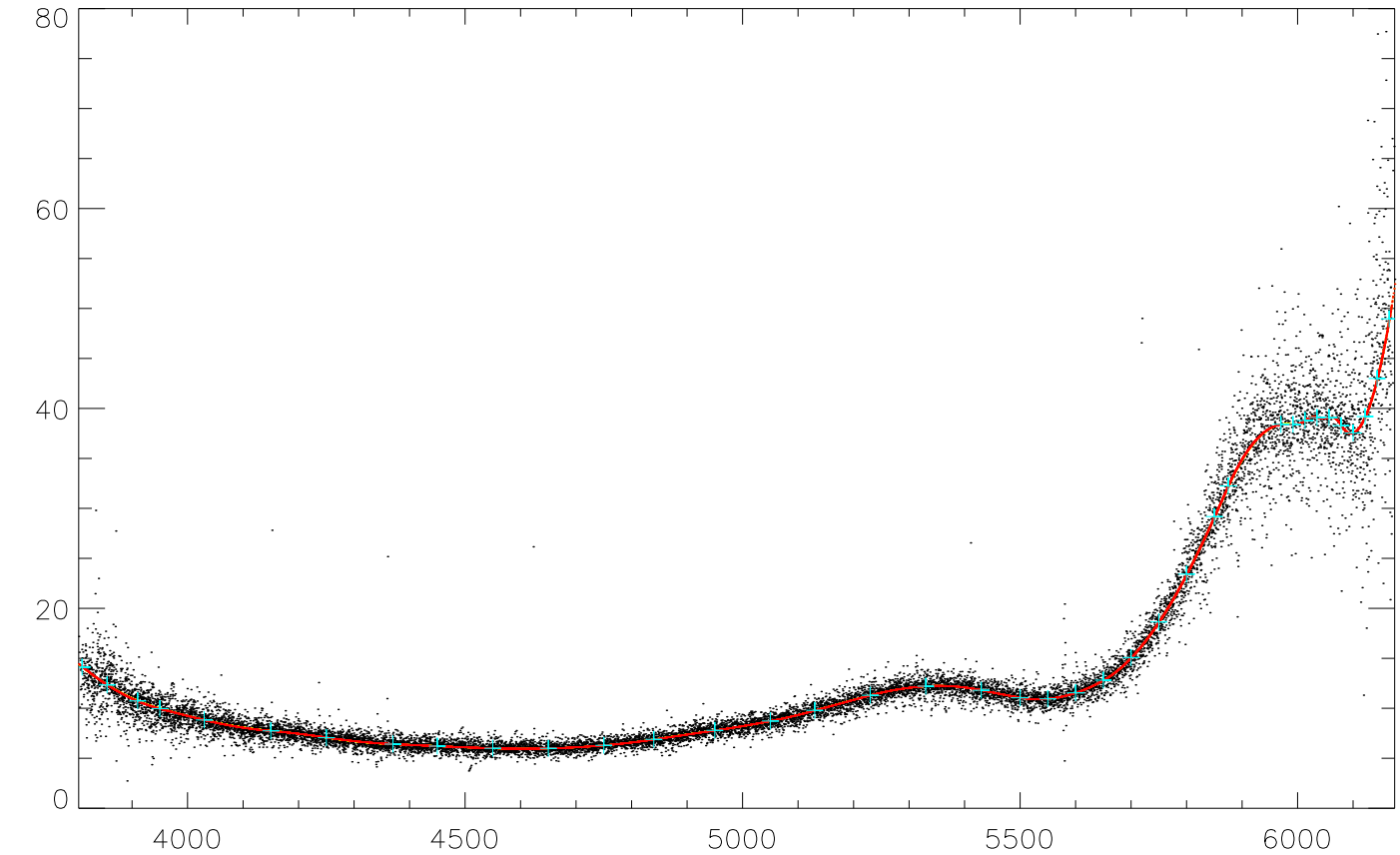

0.2
0.1
0.0
−0.1
−0.2
4000
4500
5000
5500
6000

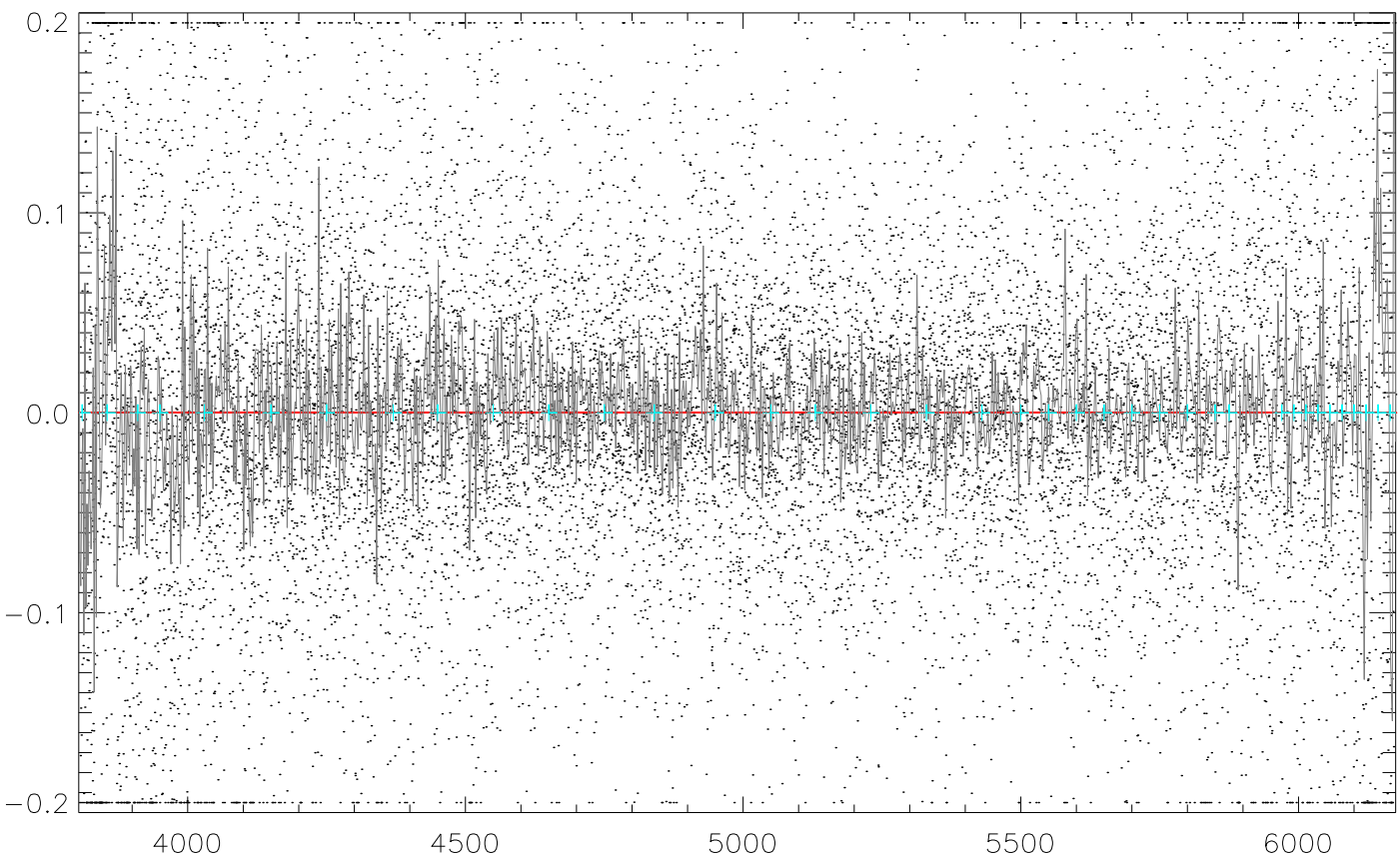

PLATE=2649 MJD=54212 Spectro−Photo Calib for b2−00044458
Counts/(10^-17 erg/cm^2/s/Ang
14
12
10
8
6
4000
4200
4400
4600
4800
Wavelength [Ang]
Counts/(10^-17 erg/cm^2/s/Ang
50
40
30
20
10
5000
5200
5400
5600
5800
6000
Wavelength [Ang]

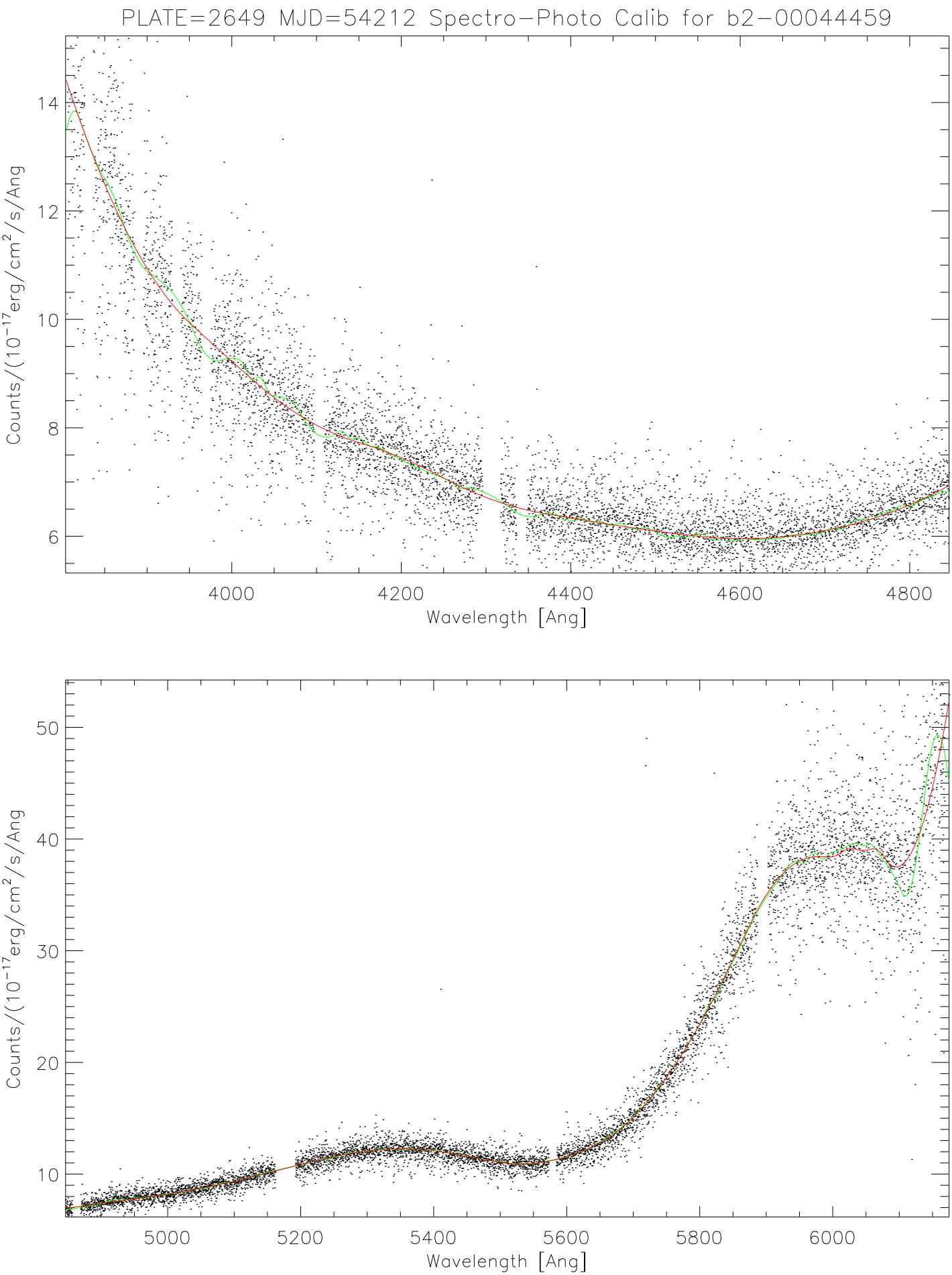

60
50
40
30
20
10
0
6000
6500
7000
7500
8000
8500
9000


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


PLATE=2649 MJD=54212 Spectro−Photo Calib for r2−00044458
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
45
40
35
30
25
20
15
6000
6200
6400
6600
6800
7000
7200
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
20
15
10
5
7500
8000
8500
9000


80
60
40
20
0
4000
4500
5000
5500
6000


0.2
0.1
0.0
−0.1
−0.2
4000
4500
5000
5500
6000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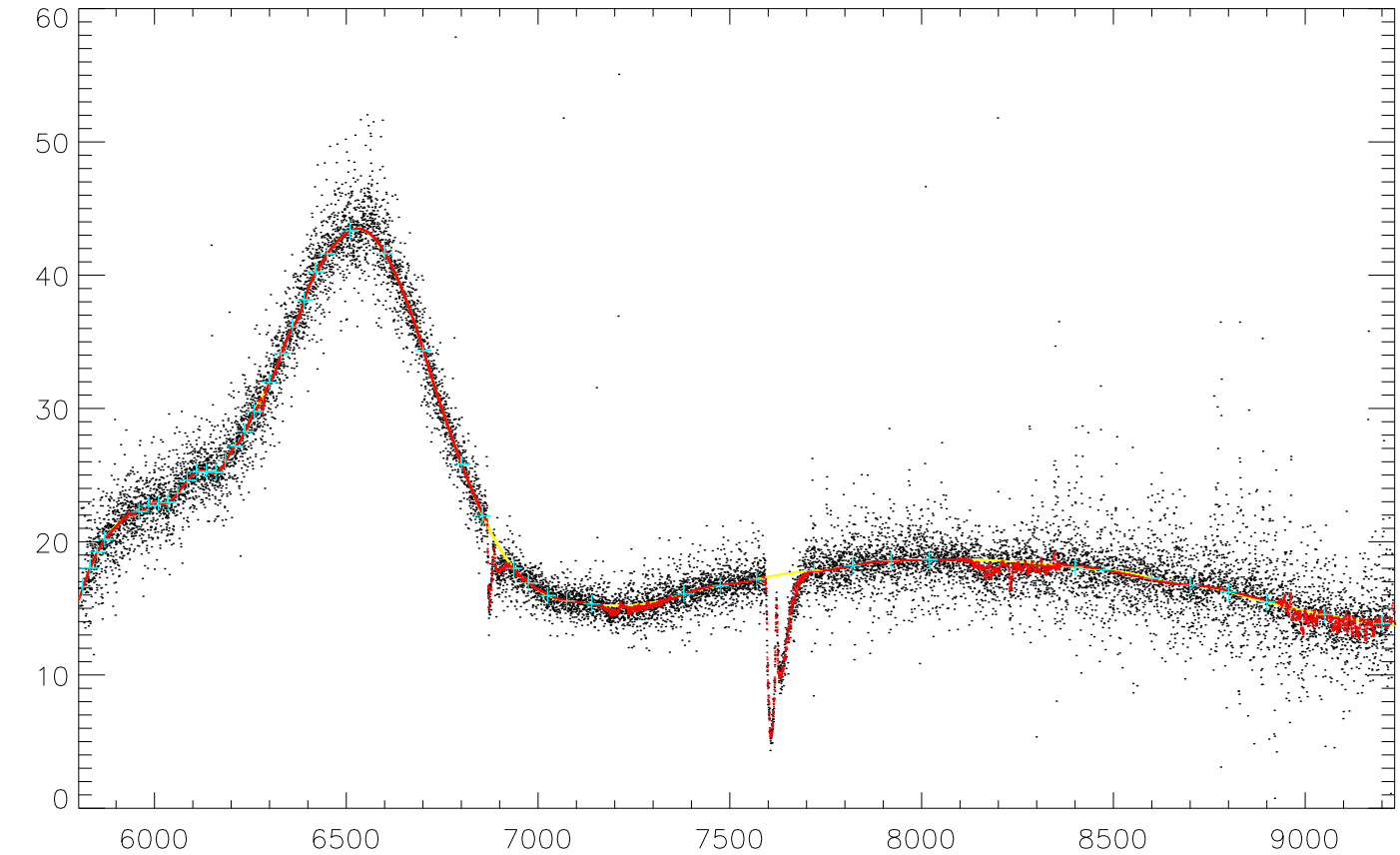
Counts/(10^-17 erg/cm^2/s/Ang
14
12
10
8
6
4000
4200
4400
4600
4800
Wavelength [Ang]
Counts/(10^-17 erg/cm^2/s/Ang
50
40
30
20
10
5000
5200
5400
5600
5800
6000
Wavelength [Ang]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50
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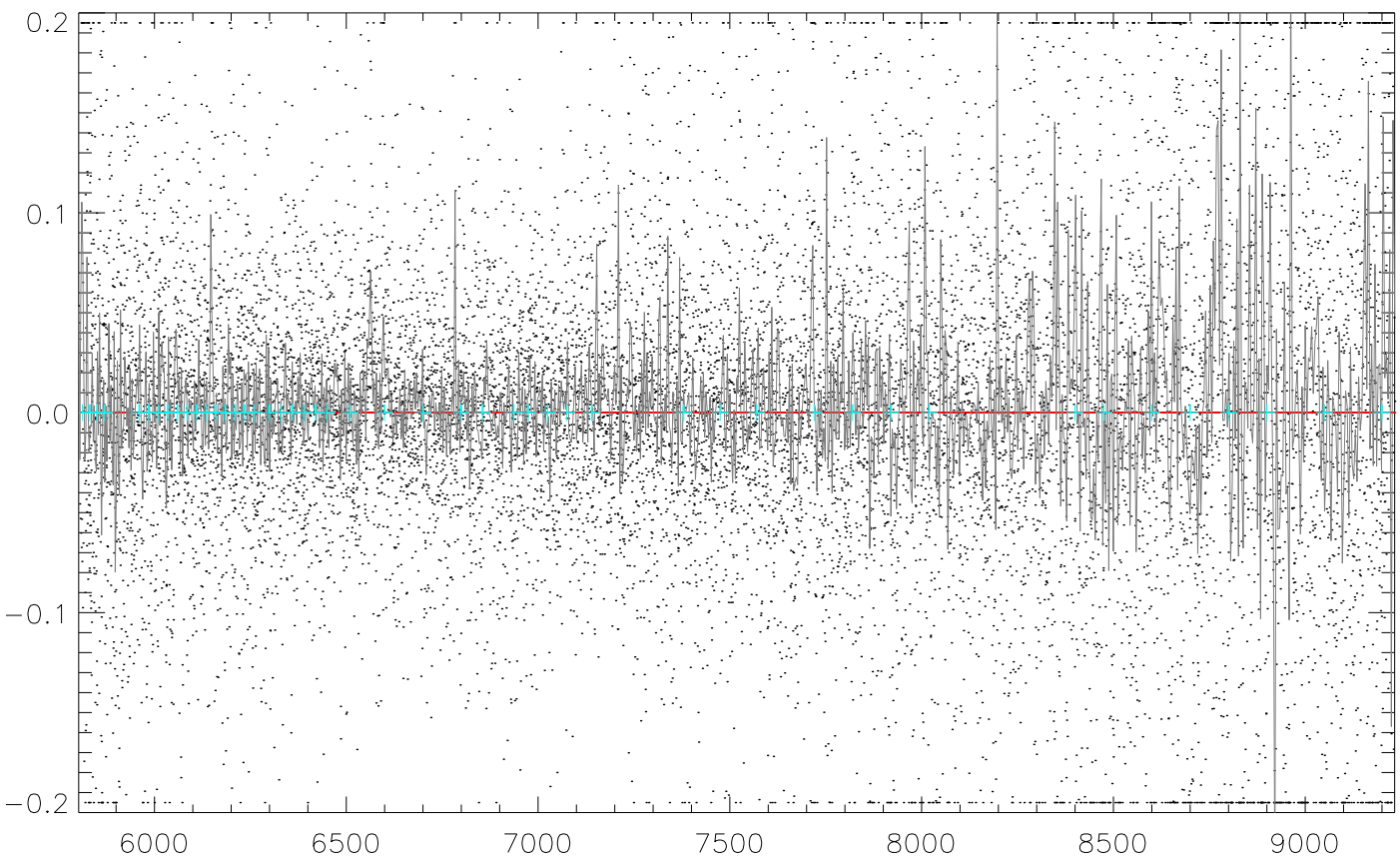
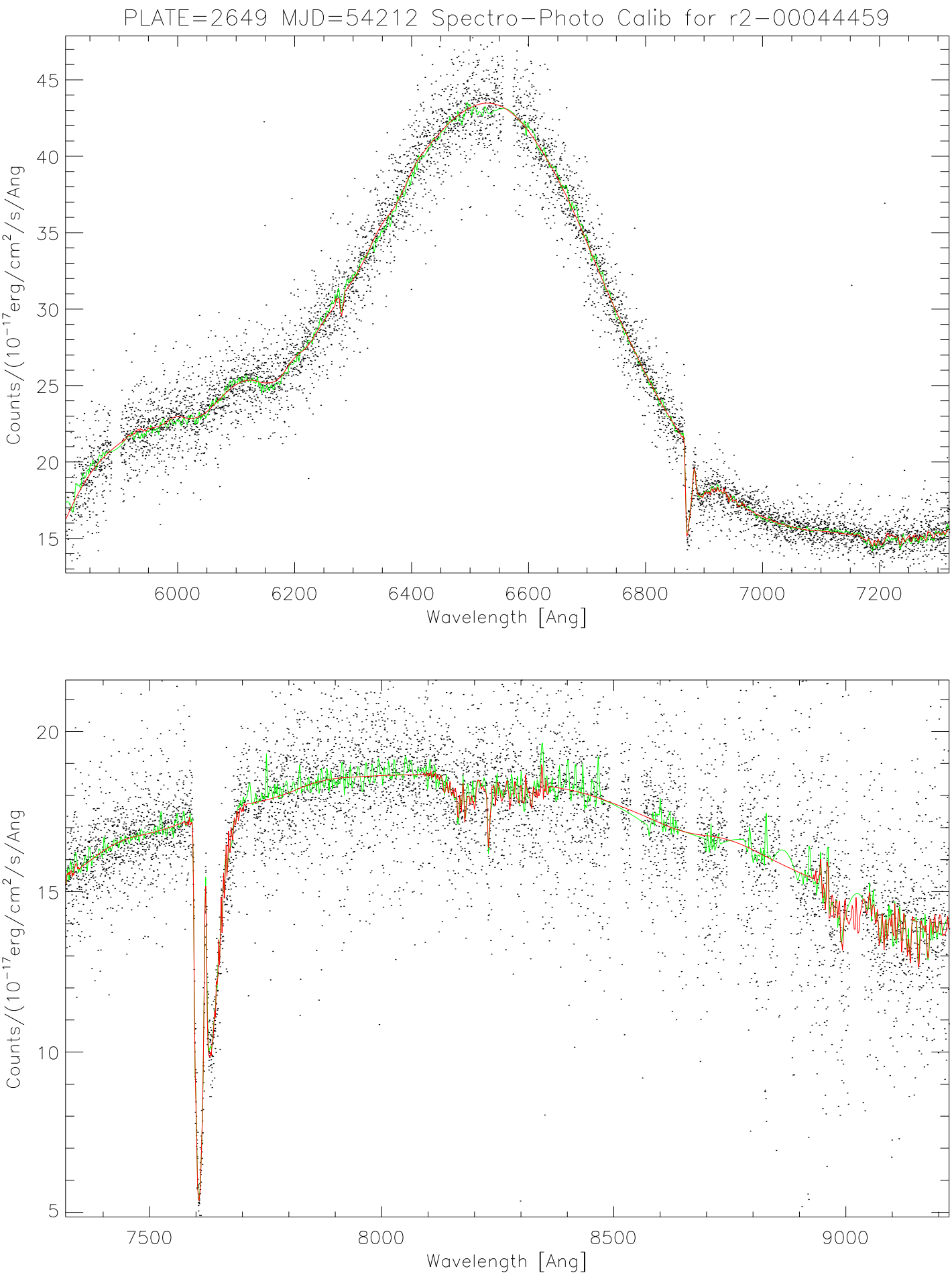
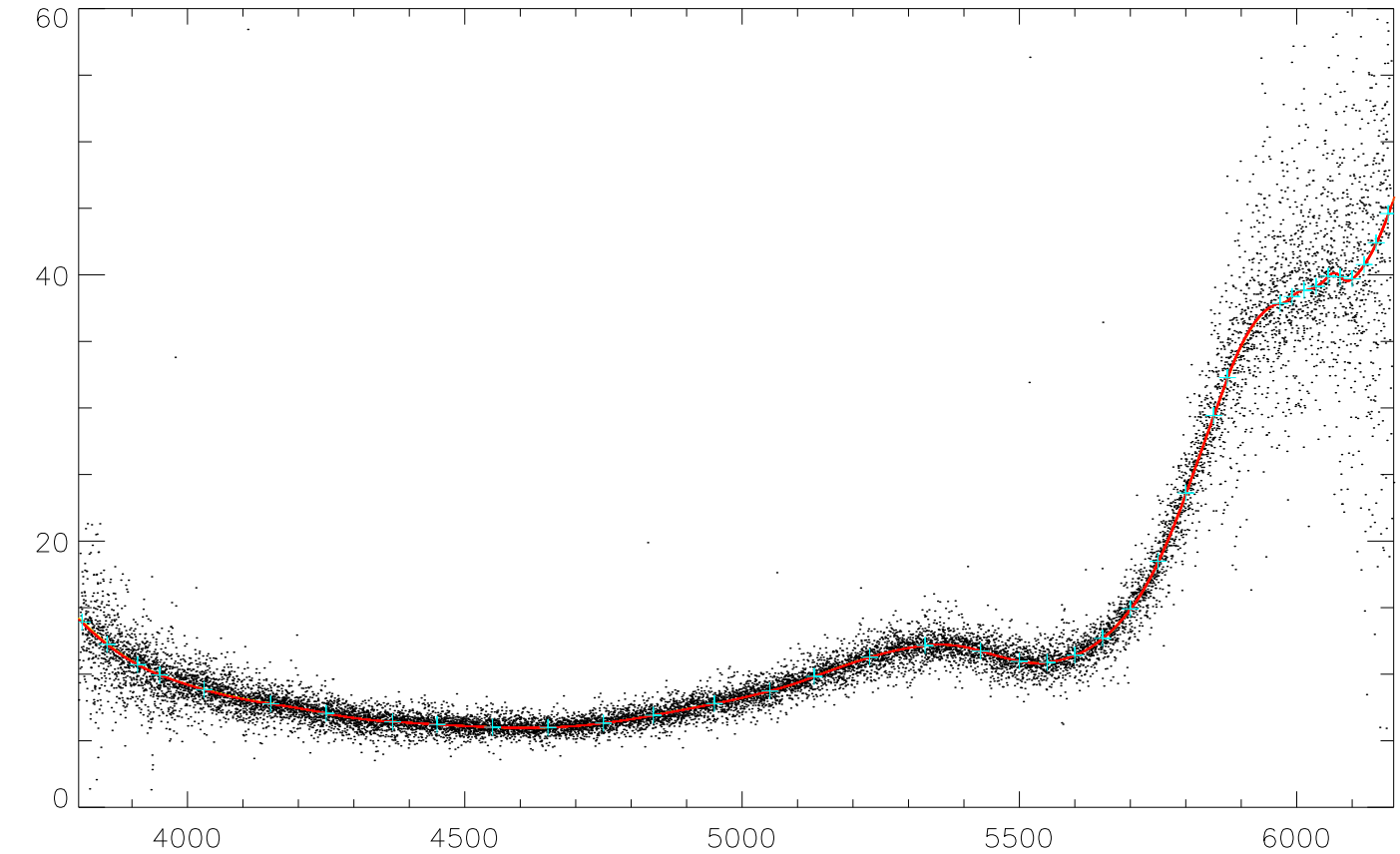
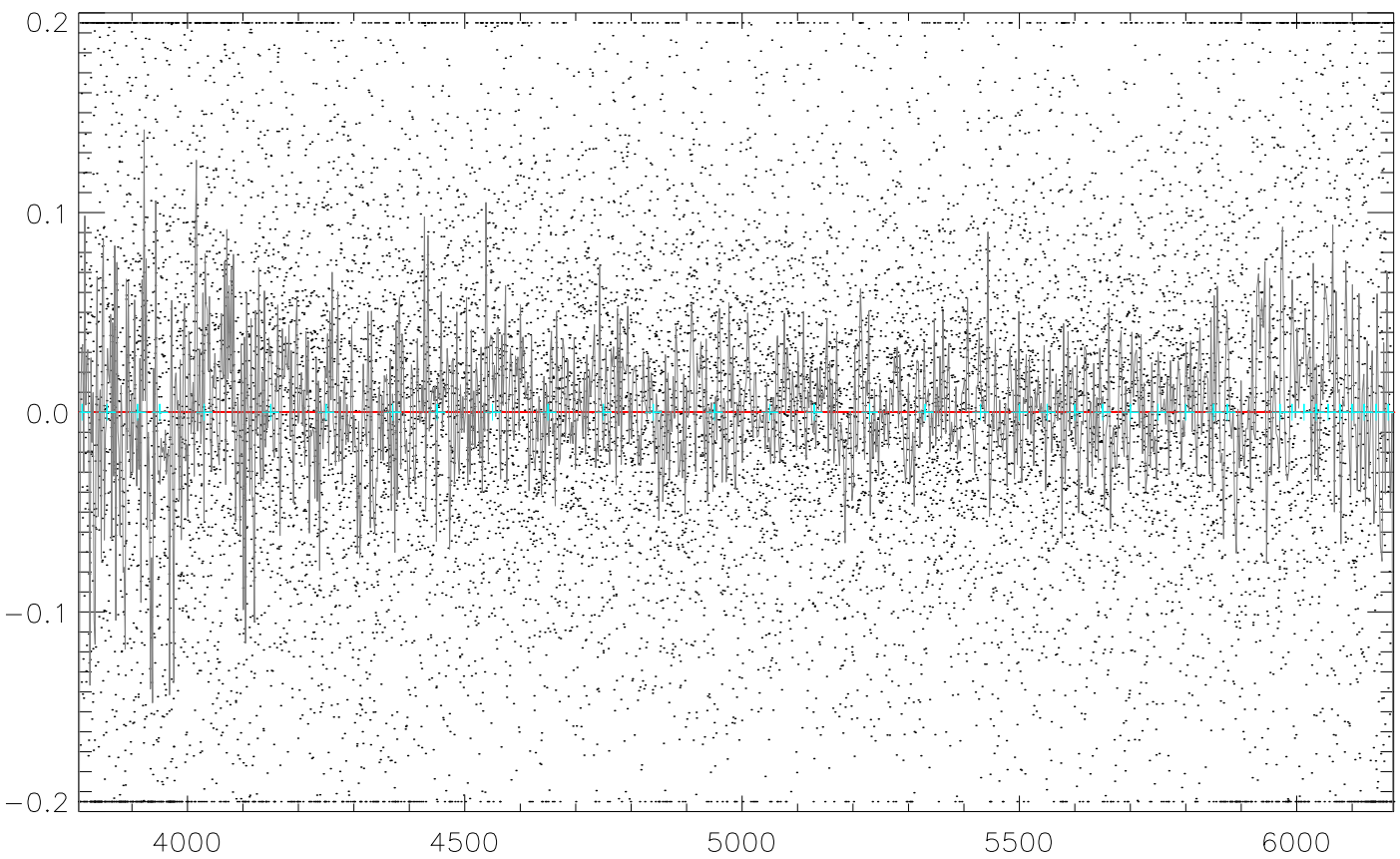
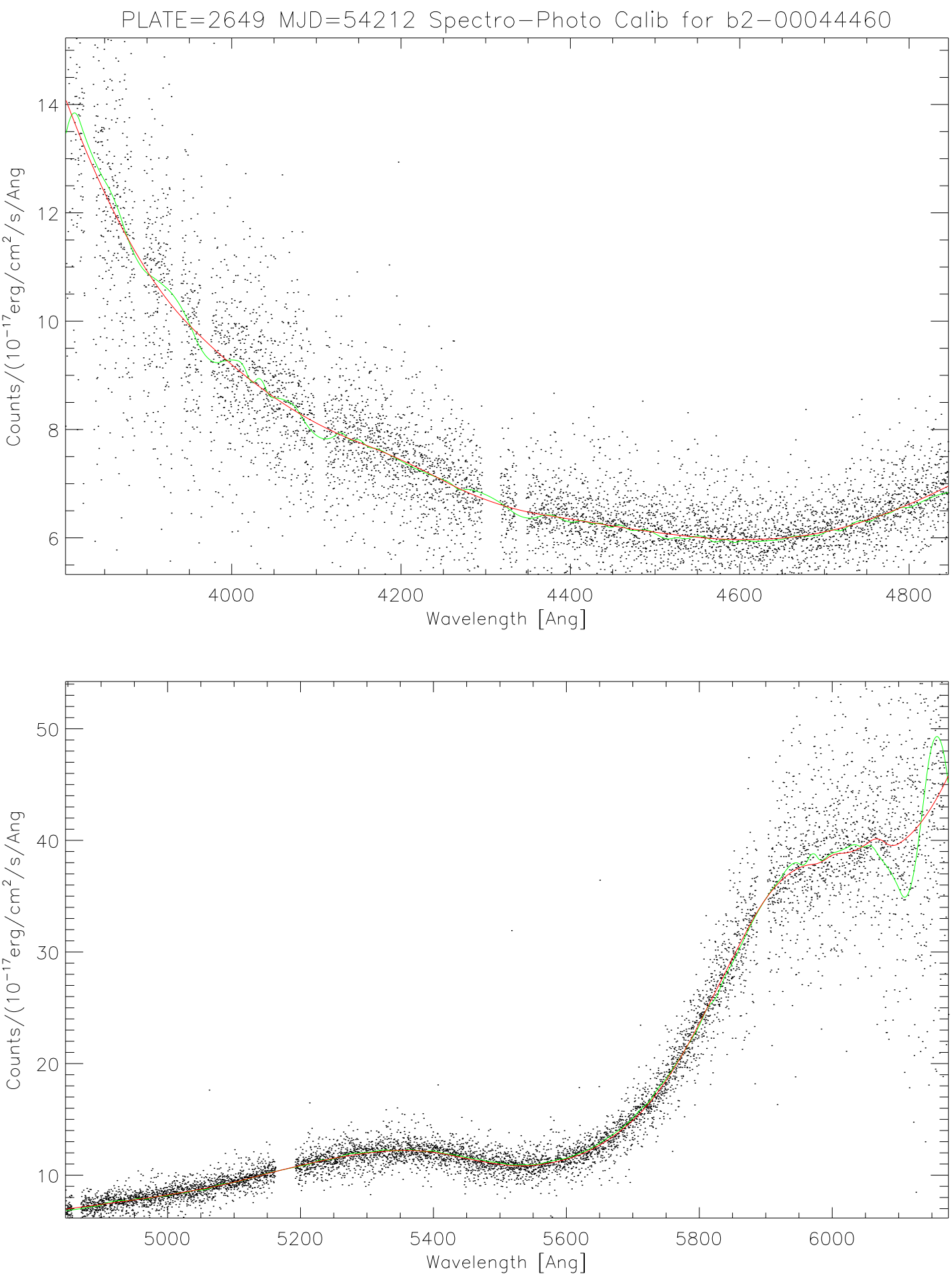
30
20
10
0
6000
6500
7000
7500
8000
8500
9000

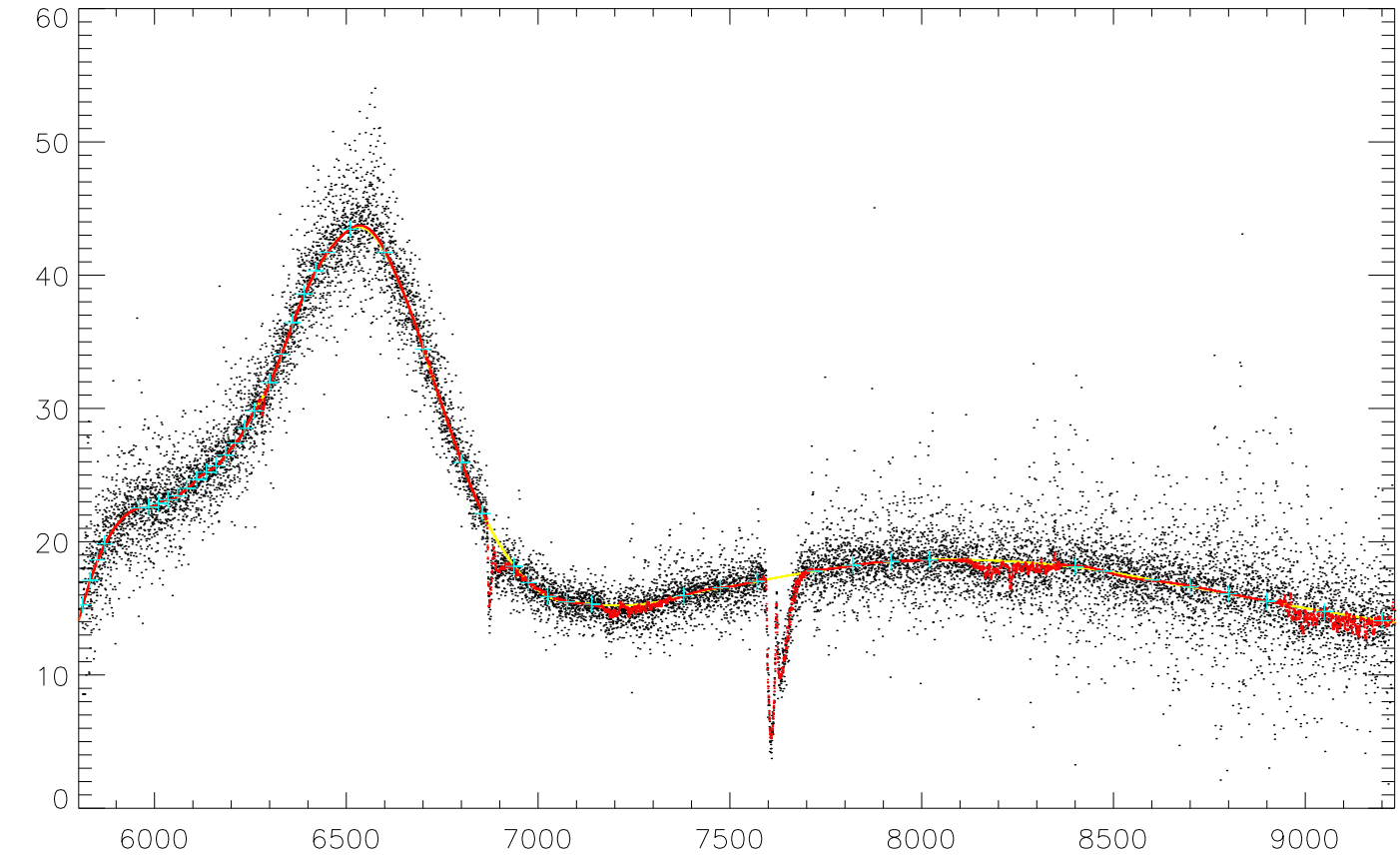

0.2
0.1
0.0
−0.1
−0.2
6000
6500
7000
7500
8000
8500
9000

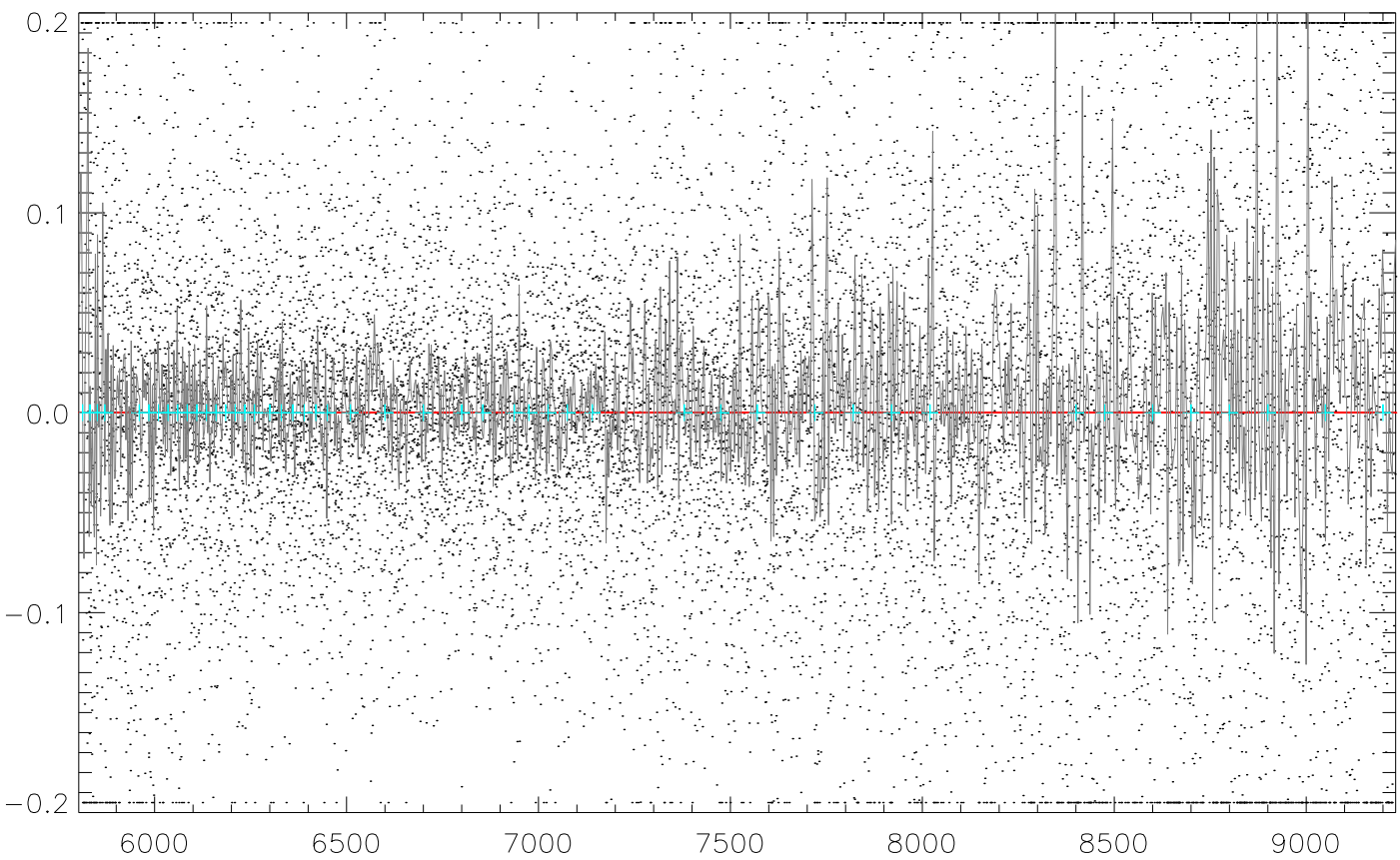

PLATE=2649 MJD=54212 Spectro−Photo Calib for r2−00044459
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
45
40
35
30
25
20
15
6000
6200
6400
6600
6800
7000
7200
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
20
15
10
5
7500
8000
8500
9000

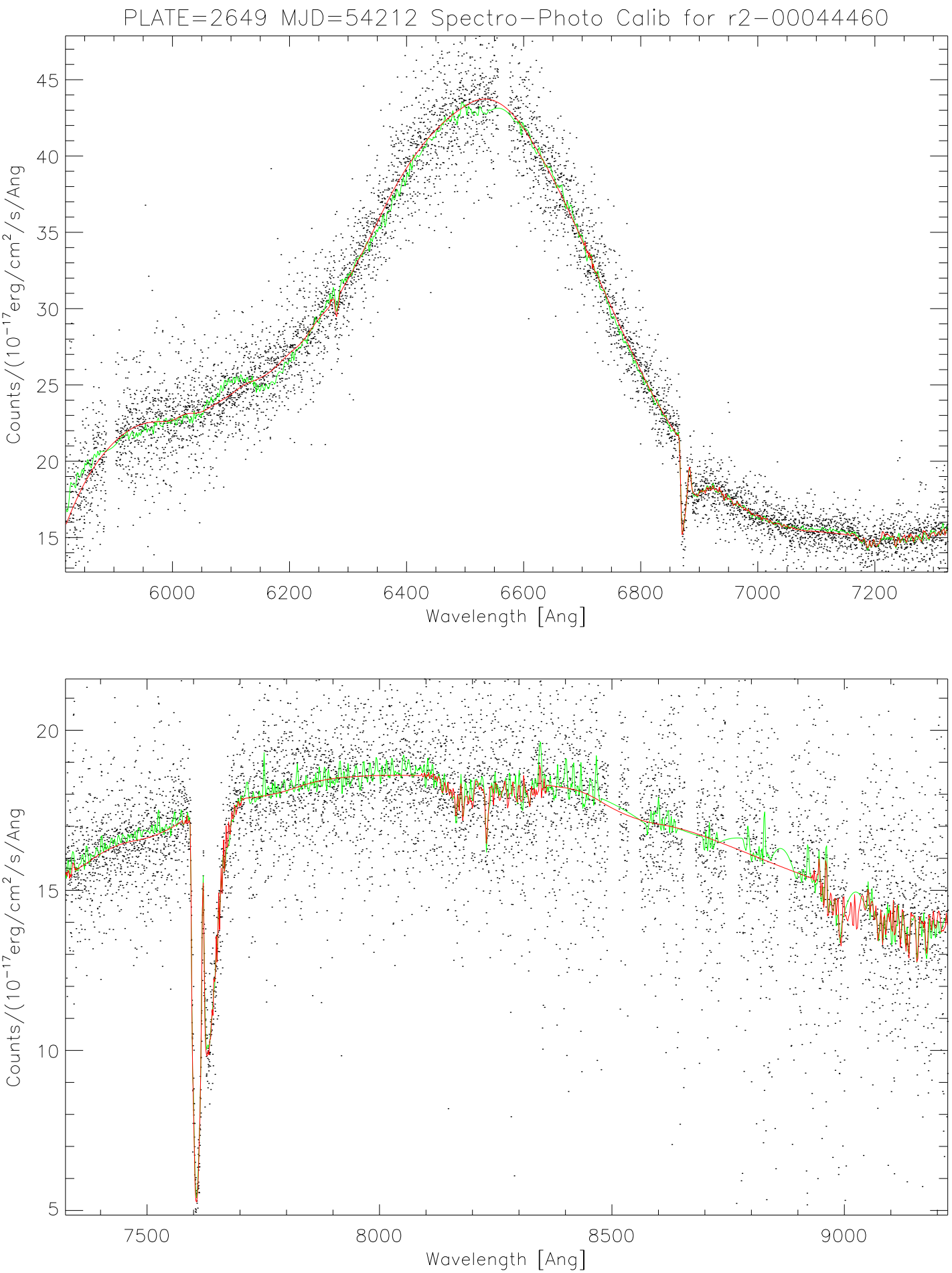

60
40
20
0
4000
4500
5000
5500
6000


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


PLATE=2649 MJD=54212 Spectro−Photo Calib for b2−00044460
Counts/(10^-17erg/cm^2/s/Ang
14
12
10
8
6
4000
4200
4400
4600
4800
Wavelength [Ang]
Counts/(10^-17erg/cm^2/s/Ang
50
40
30
20
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=2649 MJD=54212 Spectro−Photo Calib for r2−00044460
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
45
40
35
30
25
20
15
6000
6200
6400
6600
6800
7000
7200
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
20
15
10
5
7500
8000
8500
9000