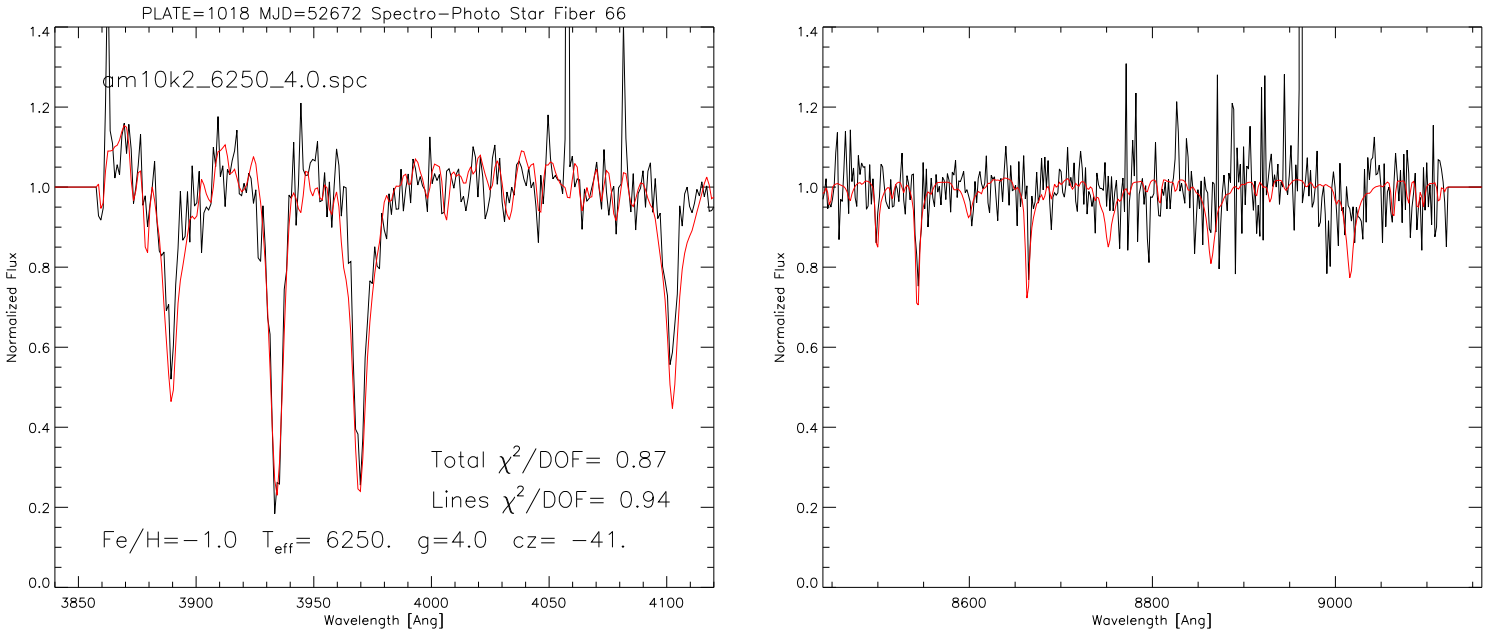
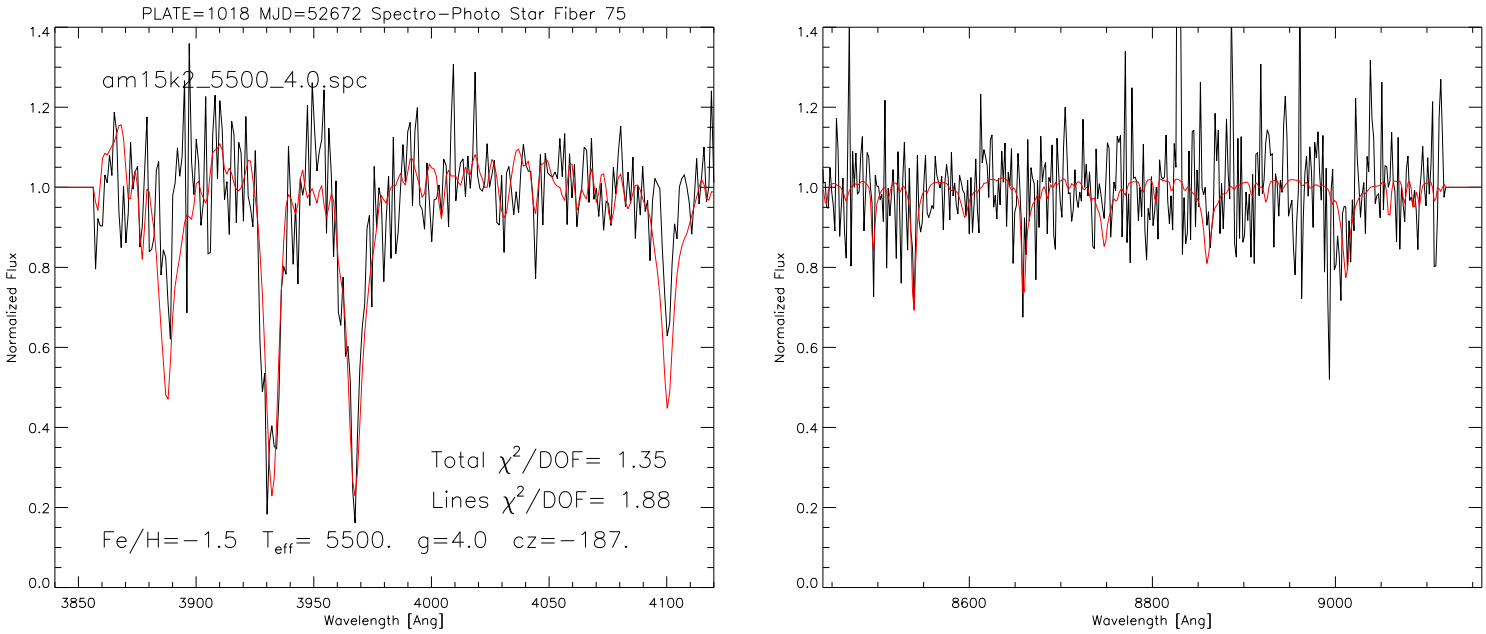
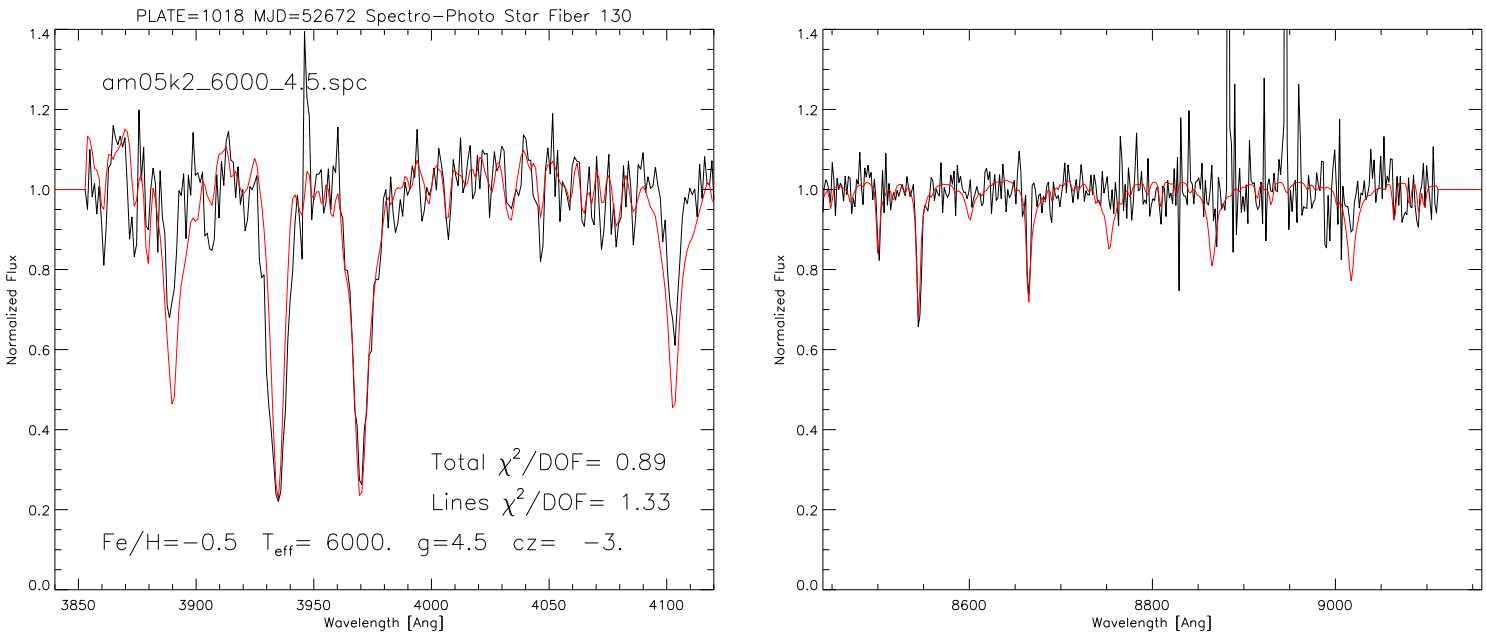
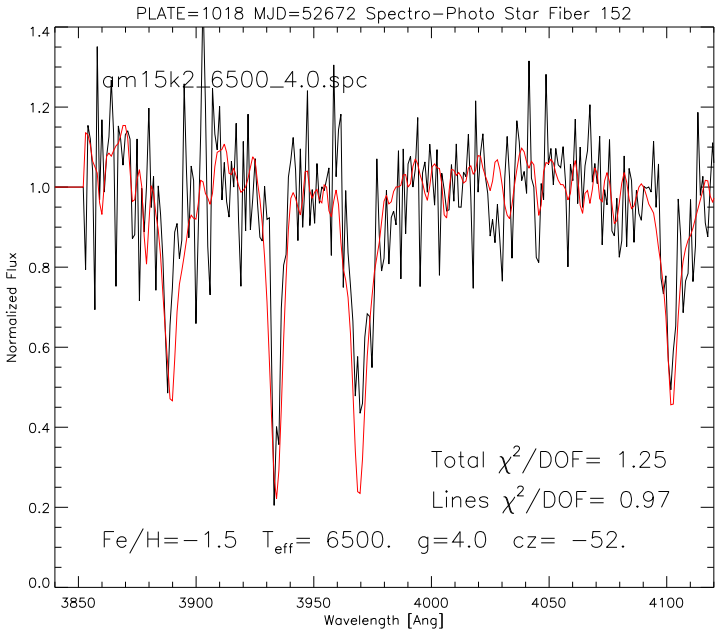
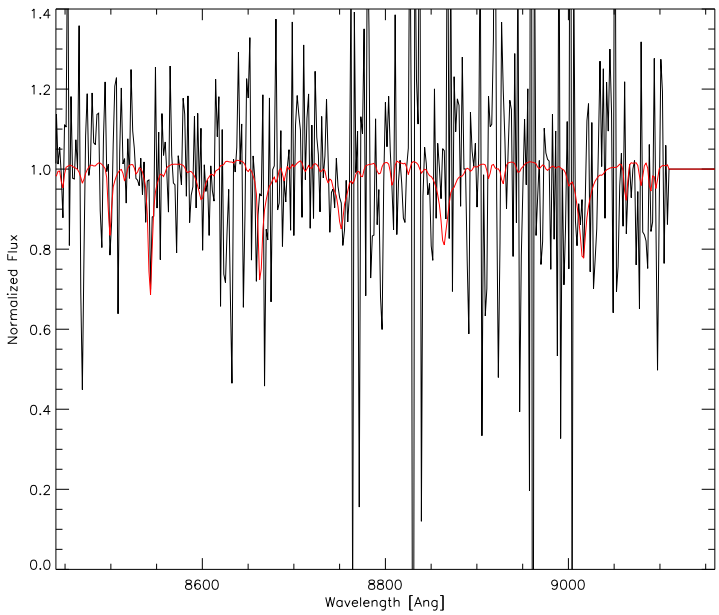
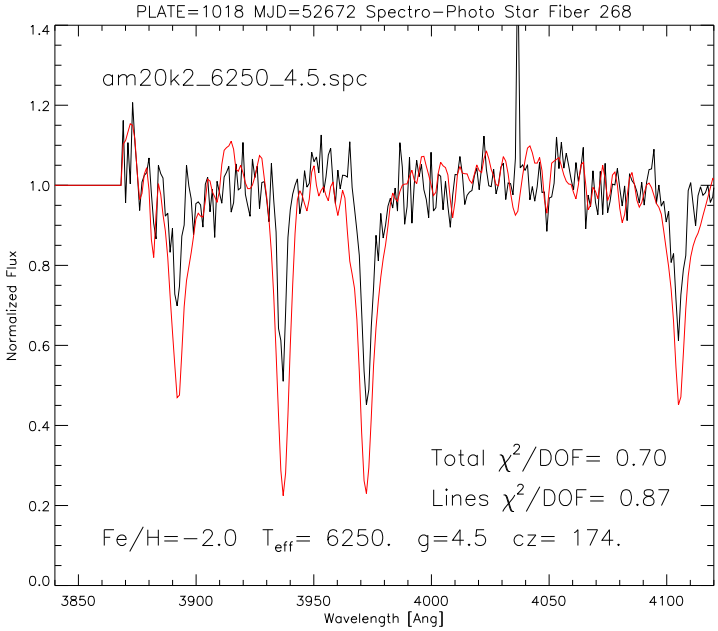

PLATE=1018 MJD=52672 Spectro−Photo Star Fiber 66
am10k2_6250_4.0.spc
Total χ^2/DOF= 0.87
Lines χ^2/DOF= 0.94
Fe/H=−1.0 T_{eff}= 6250. g=4.0 cz= −41.
Normalized Flux
Wavelength [Ang]

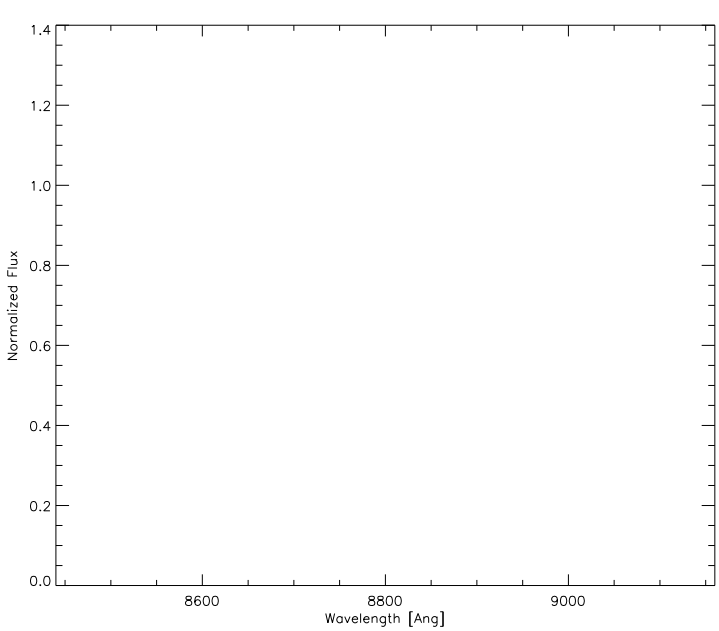

PLATE=1018 MJD=52672 Spectro−Photo Star Fiber 75
am15k2_5500_4.0.spc
Total χ^2/DOF= 1.35
Lines χ^2/DOF= 1.88
Fe/H=−1.5 T_{eff}= 5500. g=4.0 cz=−187.
Normalized Flux
Wavelength [Ang]

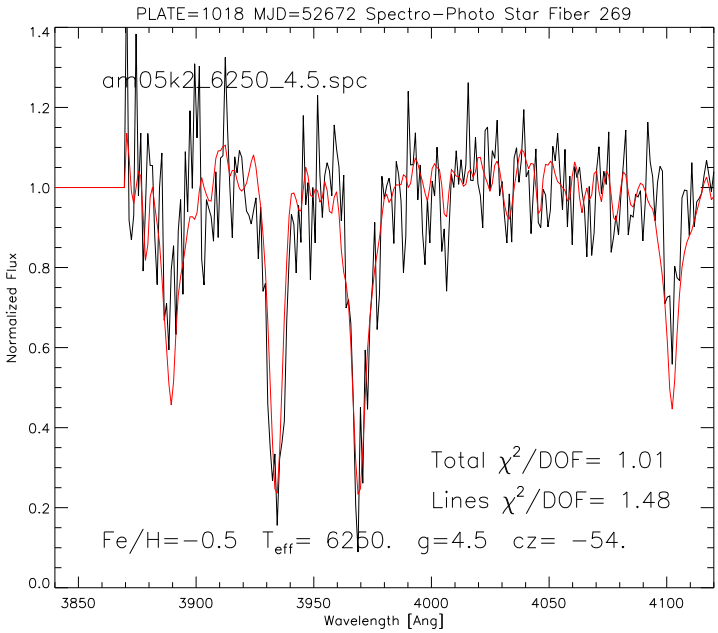

PLATE=1018 MJD=52672 Spectro−Photo Star Fiber 130
am05k2_6000_4.5.spc
Total χ^2/DOF= 0.89
Lines χ^2/DOF= 1.33
Fe/H=−0.5 T_{eff}= 6000. g=4.5 cz= −3.
Normalized Flux
Wavelength [Ang]

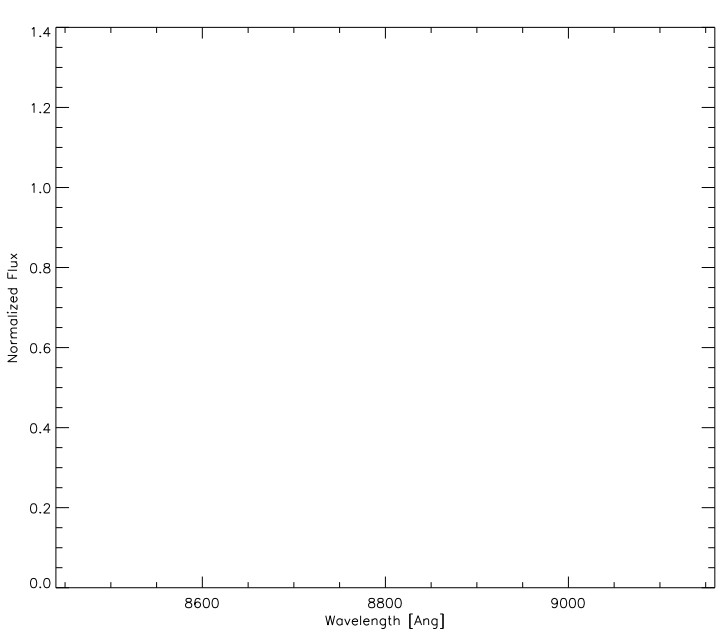

PLATE=1018 MJD=52672 Spectro-Photo Star Fiber 152
am15k2_6500_4.0.spc
Total χ^2/DOF= 1.25
Lines χ^2/DOF= 0.97
Fe/H=−1.5 T_{eff}= 6500. g=4.0 cz= −52.
Normalized Flux
Wavelength [Ang]

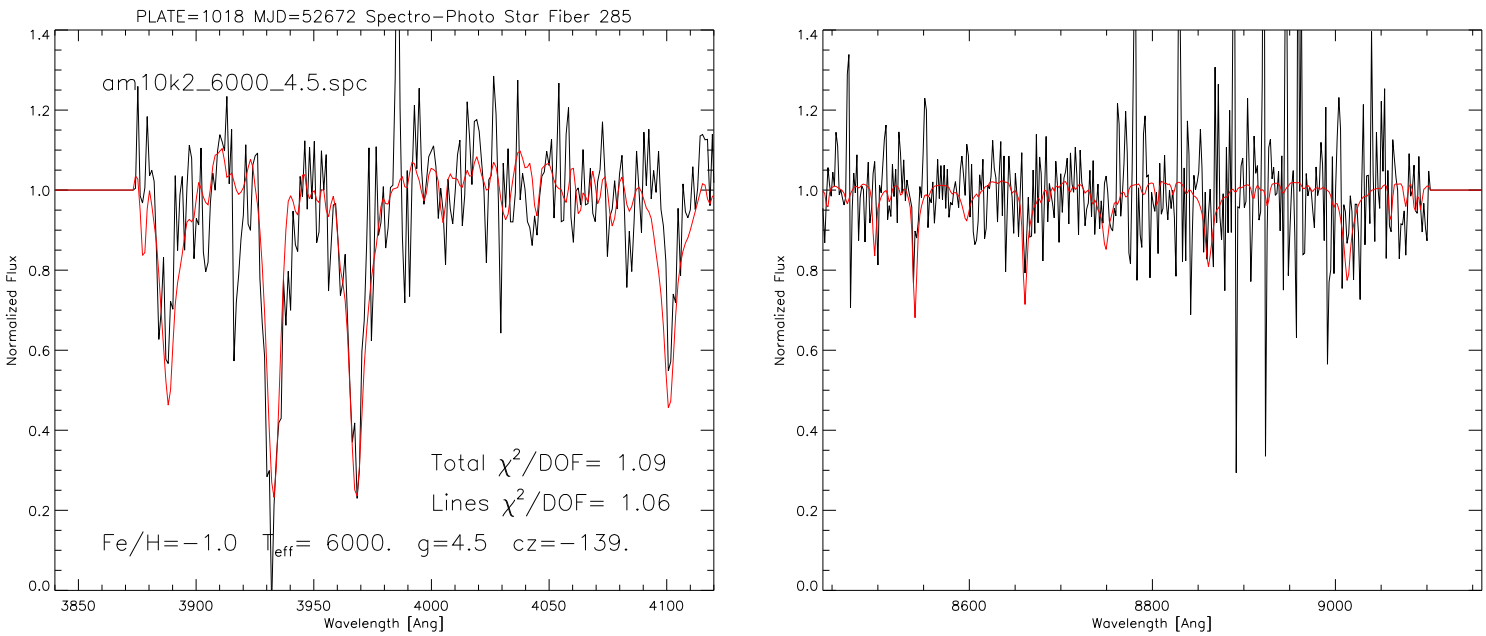

Normalized Flux
Wavelength [Ang]

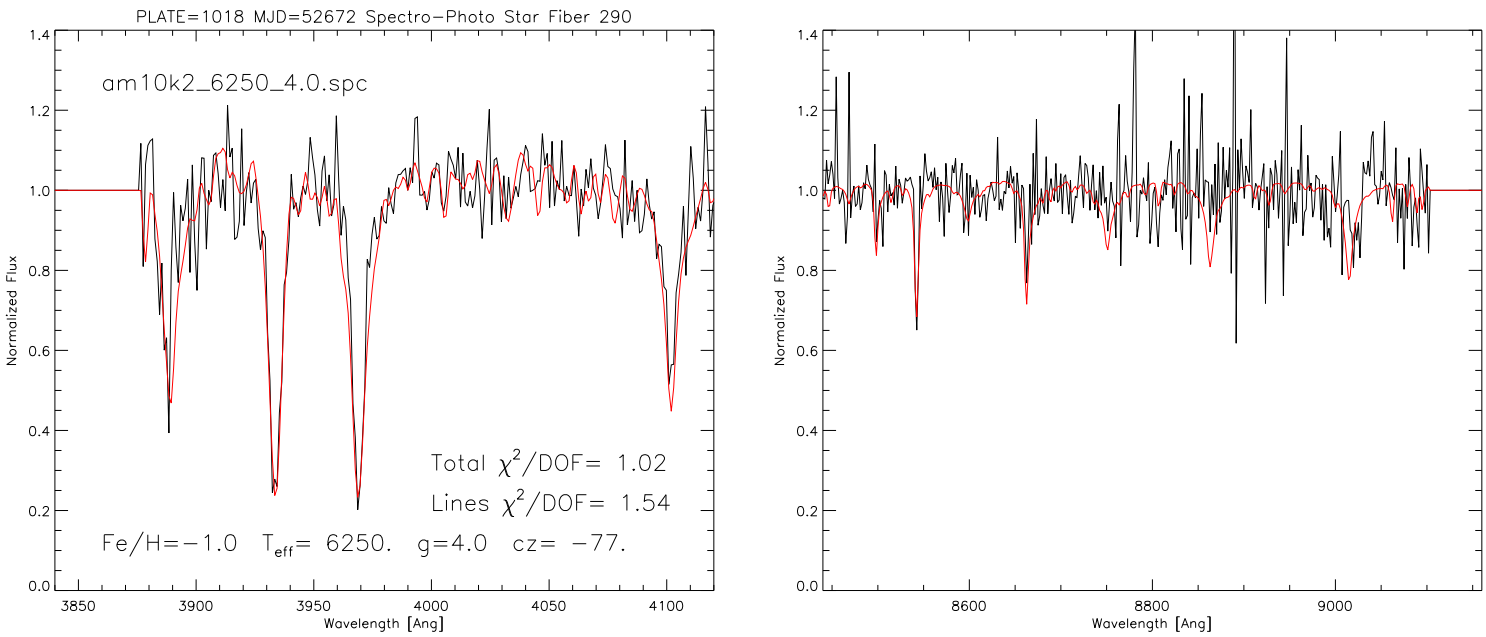

PLATE=1018 MJD=52672 Spectro-Photo Star Fiber 268
am20k2_6250_4.5.spc
Total χ^2/DOF= 0.70
Lines χ^2/DOF= 0.87
Fe/H=−2.0 T_{eff}= 6250. g=4.5 cz= 174.
Normalized Flux
Wavelength [Ang]

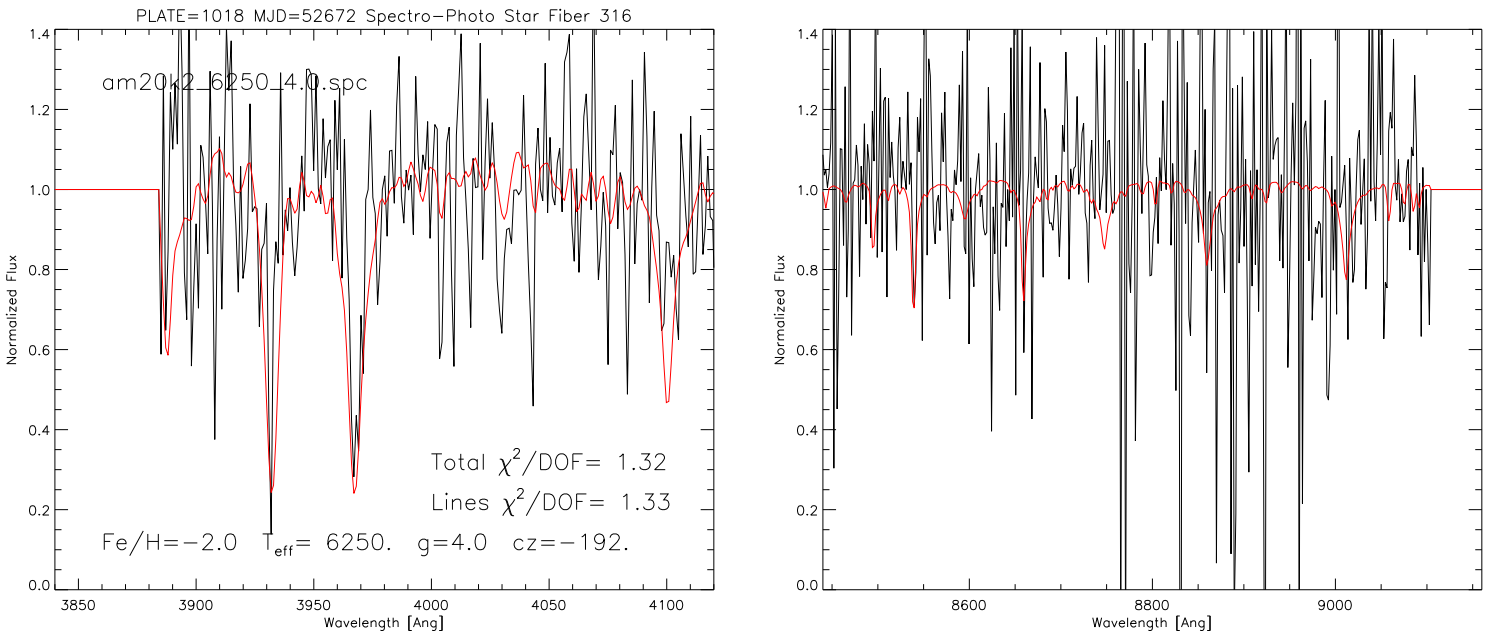

Normalized Flux
Wavelength [Ang]

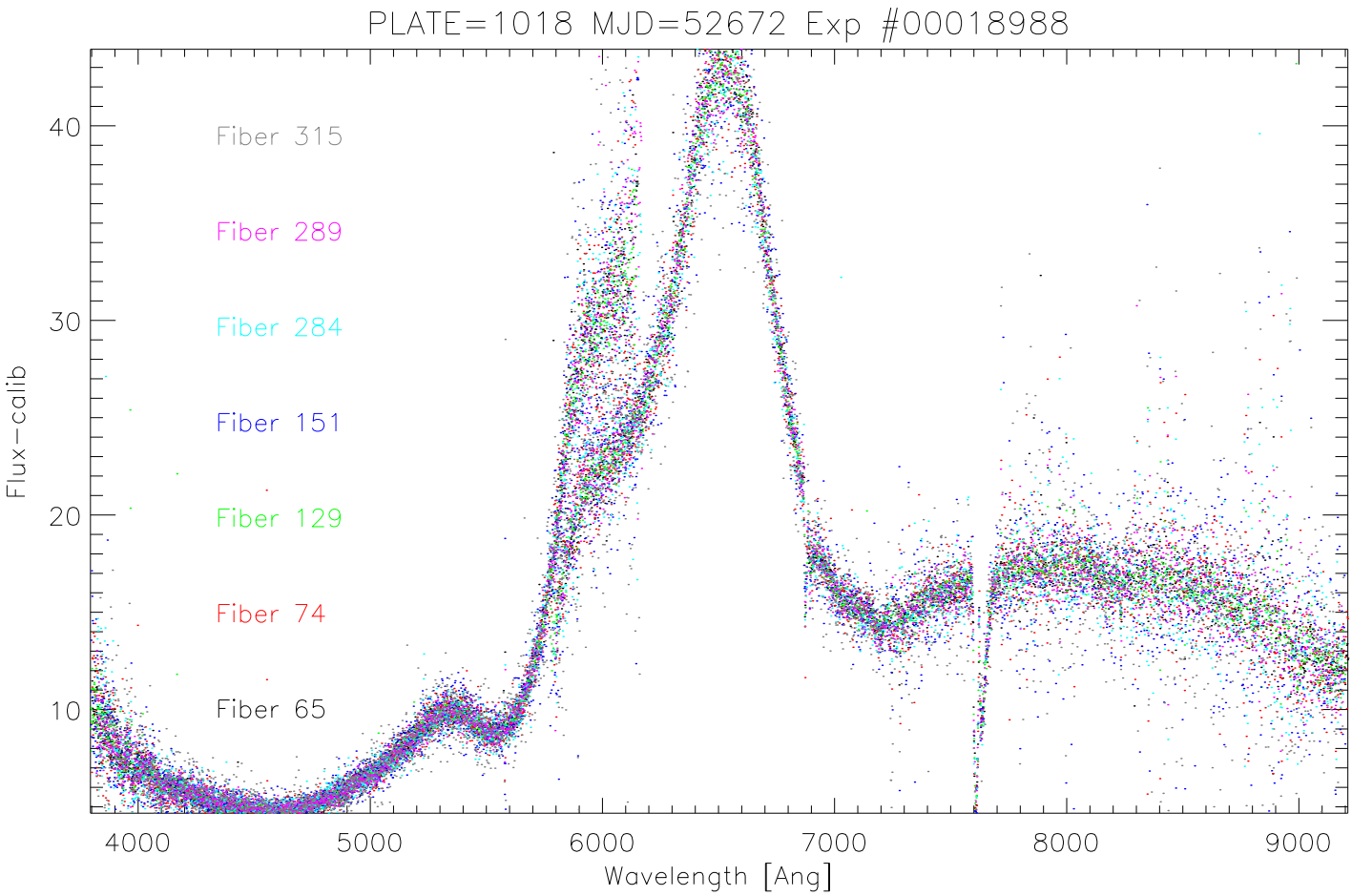

PLATE=1018 MJD=52672 Spectro-Photo Star Fiber 269
am05k2_6250_4.5.spc
Total χ^2/DOF= 1.01
Lines χ^2/DOF= 1.48
Fe/H=−0.5 T_{eff}= 6250. g=4.5 cz= −54.
Normalized Flux
Wavelength [Ang]

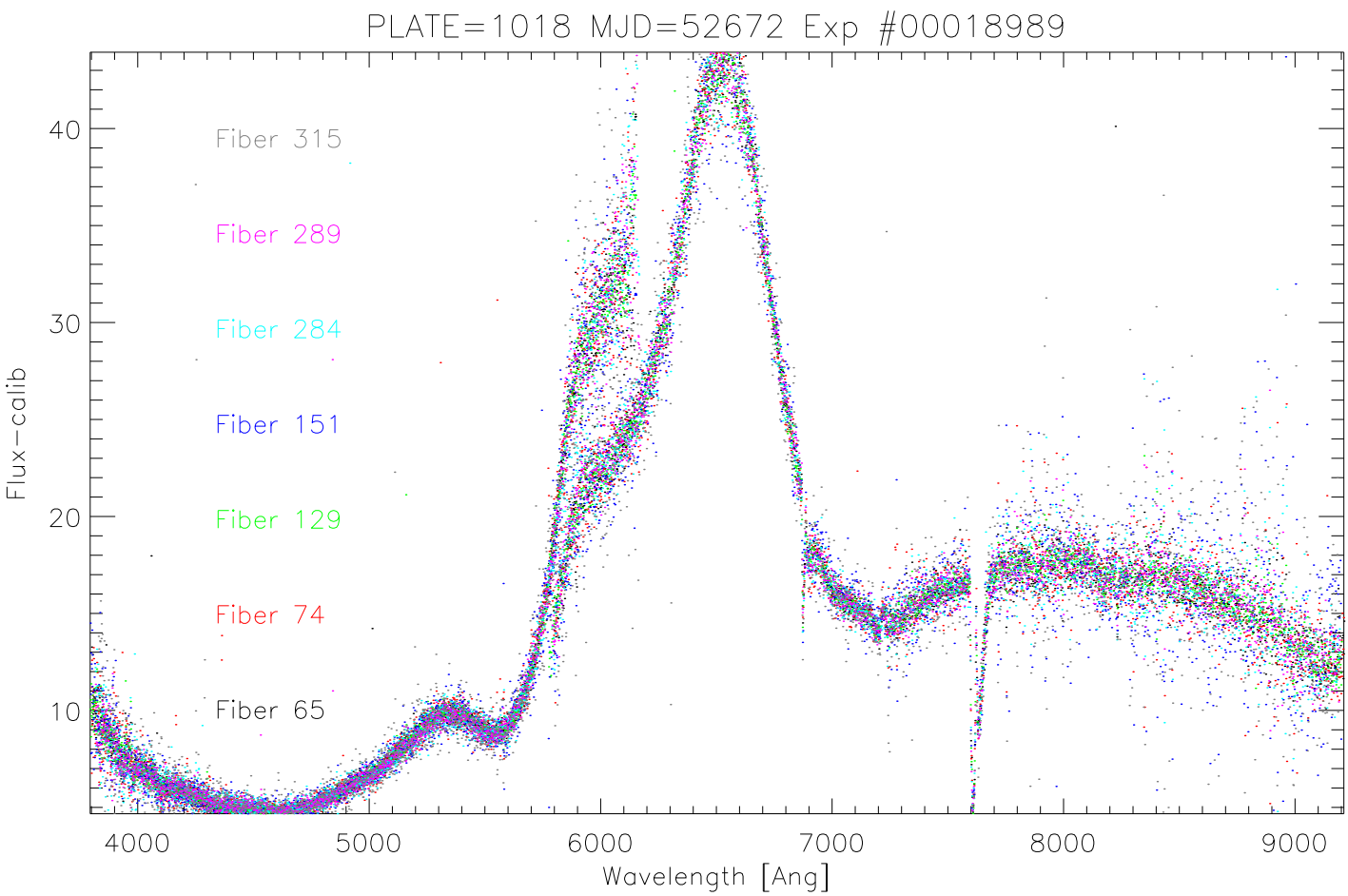

Normalized Flux
Wavelength [Ang]

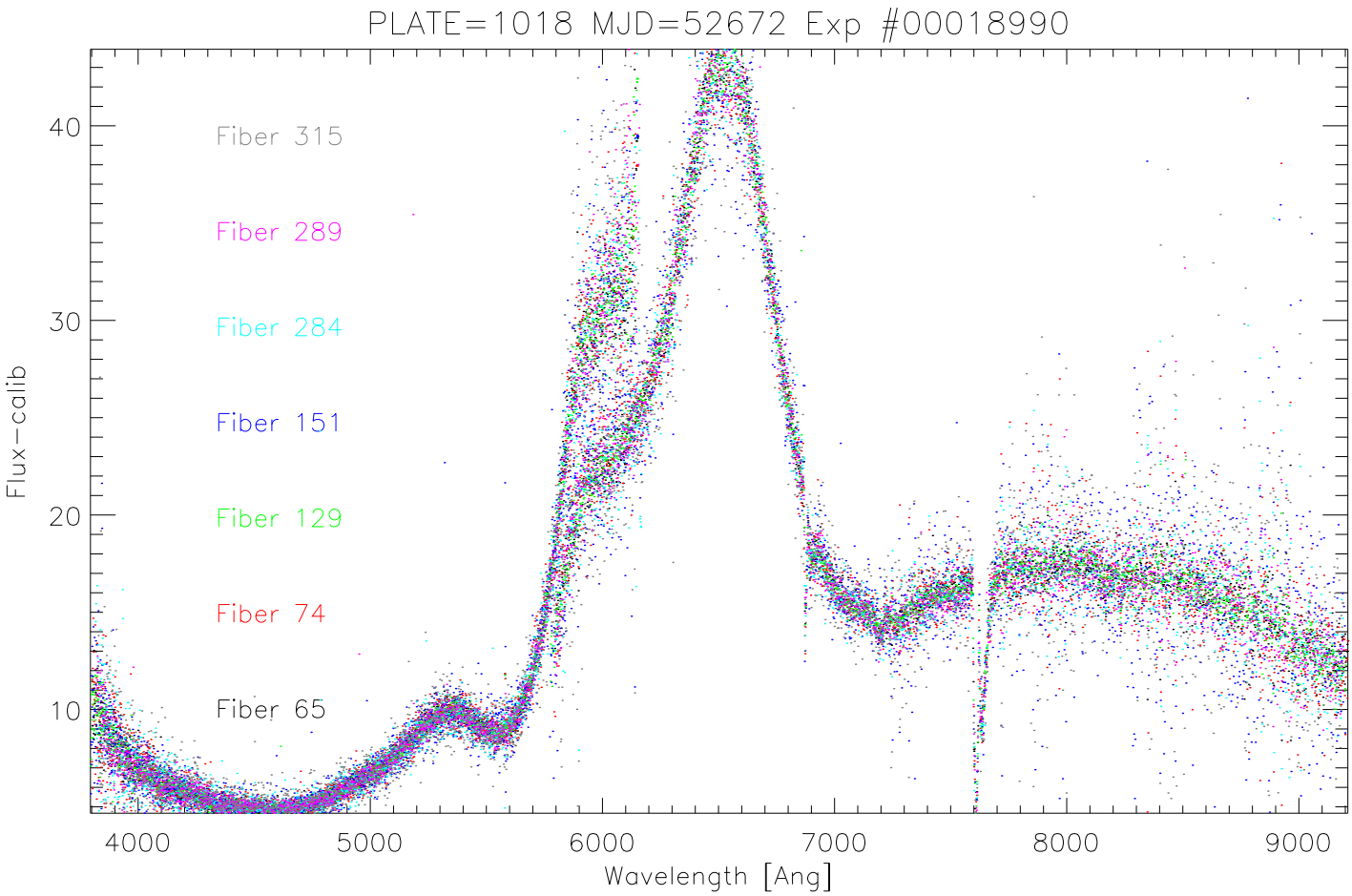

PLATE=1018 MJD=52672 Spectro-Photo Star Fiber 285
am10k2_6000_4.5.spc
Total χ^2/DOF= 1.09
Lines χ^2/DOF= 1.06
Fe/H=−1.0 T_{eff}= 6000. g=4.5 cz=−139.
Normalized Flux
Wavelength [Ang]


PLATE=1018 MJD=52672 Spectro-Photo Star Fiber 290
am10k2_6250_4.0.spc
Total χ^2/DOF= 1.02
Lines χ^2/DOF= 1.54
Fe/H=−1.0 T_{eff}= 6250. g=4.0 cz= −77.
Normalized Flux
Wavelength [Ang]


PLATE=1018 MJD=52672 Spectro-Photo Star Fiber 316
am20k2_6250_4.0.spc
Total χ^2/DOF= 1.32
Lines χ^2/DOF= 1.33
Fe/H=−2.0 T_{eff}= 6250. g=4.0 cz=−192.
Normalized Flux
Wavelength [Ang]


PLATE=1018 MJD=52672 Exp #00018988
Fiber 315
Fiber 289
Fiber 284
Fiber 151
Fiber 129
Fiber 74
Fiber 65
Flux−calib
10
20
30
40
4000
5000
6000
7000
8000
9000
Wavelength [Ang]


PLATE=1018 MJD=52672 Exp #00018989
Fiber 315
Fiber 289
Fiber 284
Fiber 151
Fiber 129
Fiber 74
Fiber 65
Flux−calib
10
20
30
40
4000
5000
6000
7000
8000
9000
Wavelength [Ang]


PLATE=1018 MJD=52672 Exp #00018990
Fiber 315
Fiber 289
Fiber 284
Fiber 151
Fiber 129
Fiber 74
Fiber 65
Flux−calib
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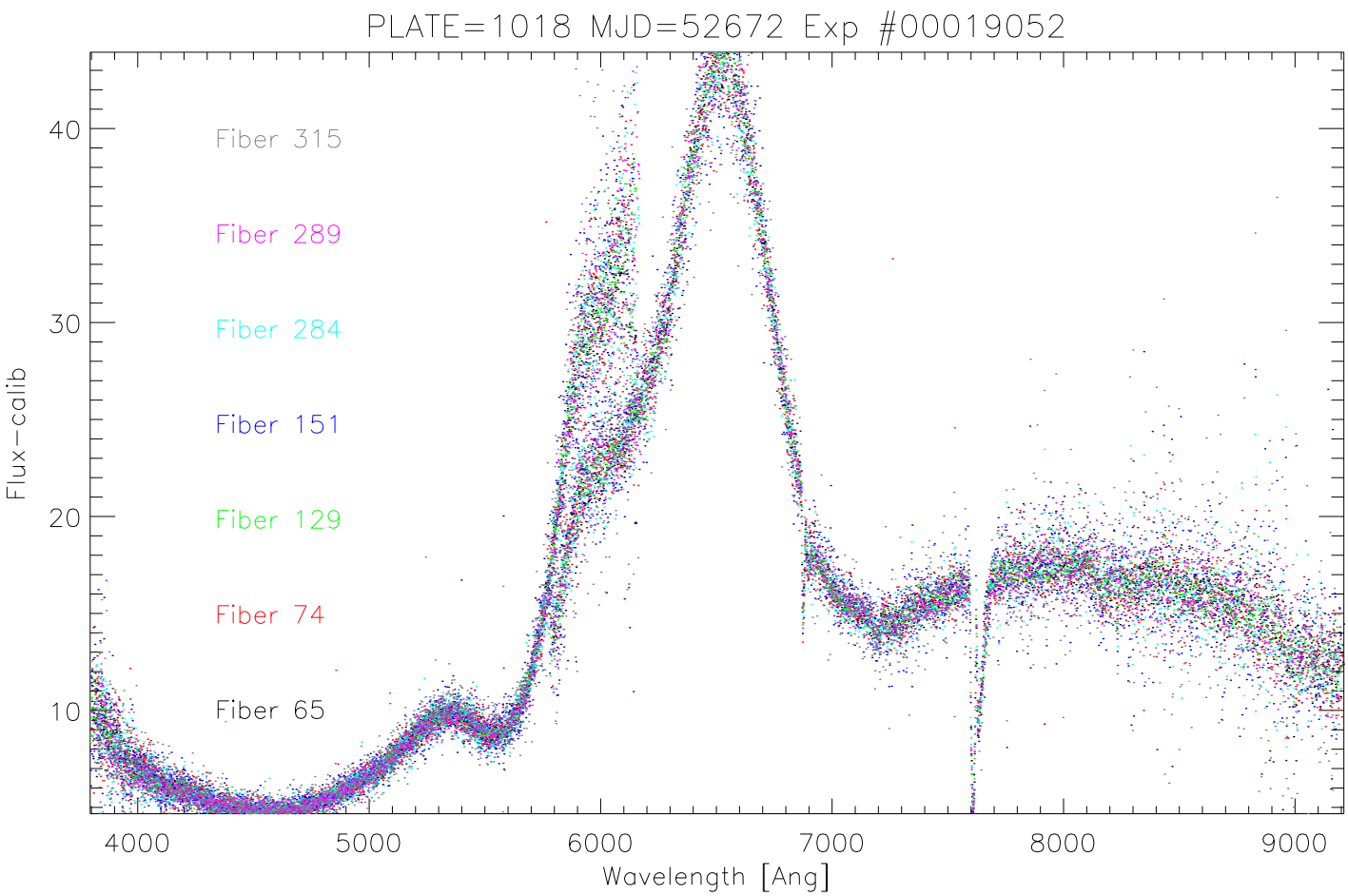
20
30
40
4000
5000
6000
7000
8000
9000
Wavelength [Ang]


PLATE=1018 MJD=52672 Exp #00019052
Fiber 315
Fiber 289
Fiber 284
Fiber 151
Fiber 129
Fiber 74
Fiber 65
Flux−calib
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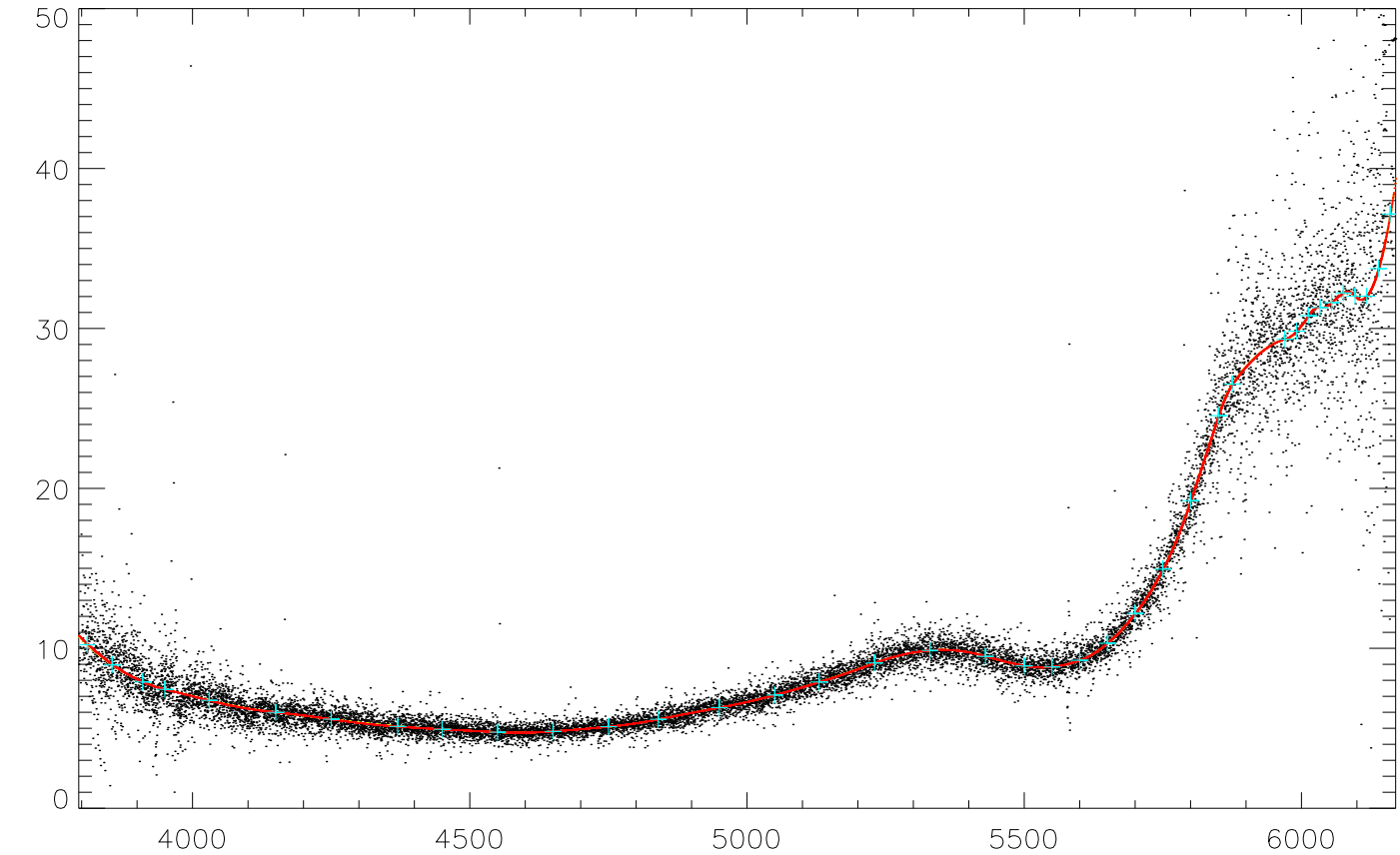
6000
7000
8000
9000
Wavelength [Ang]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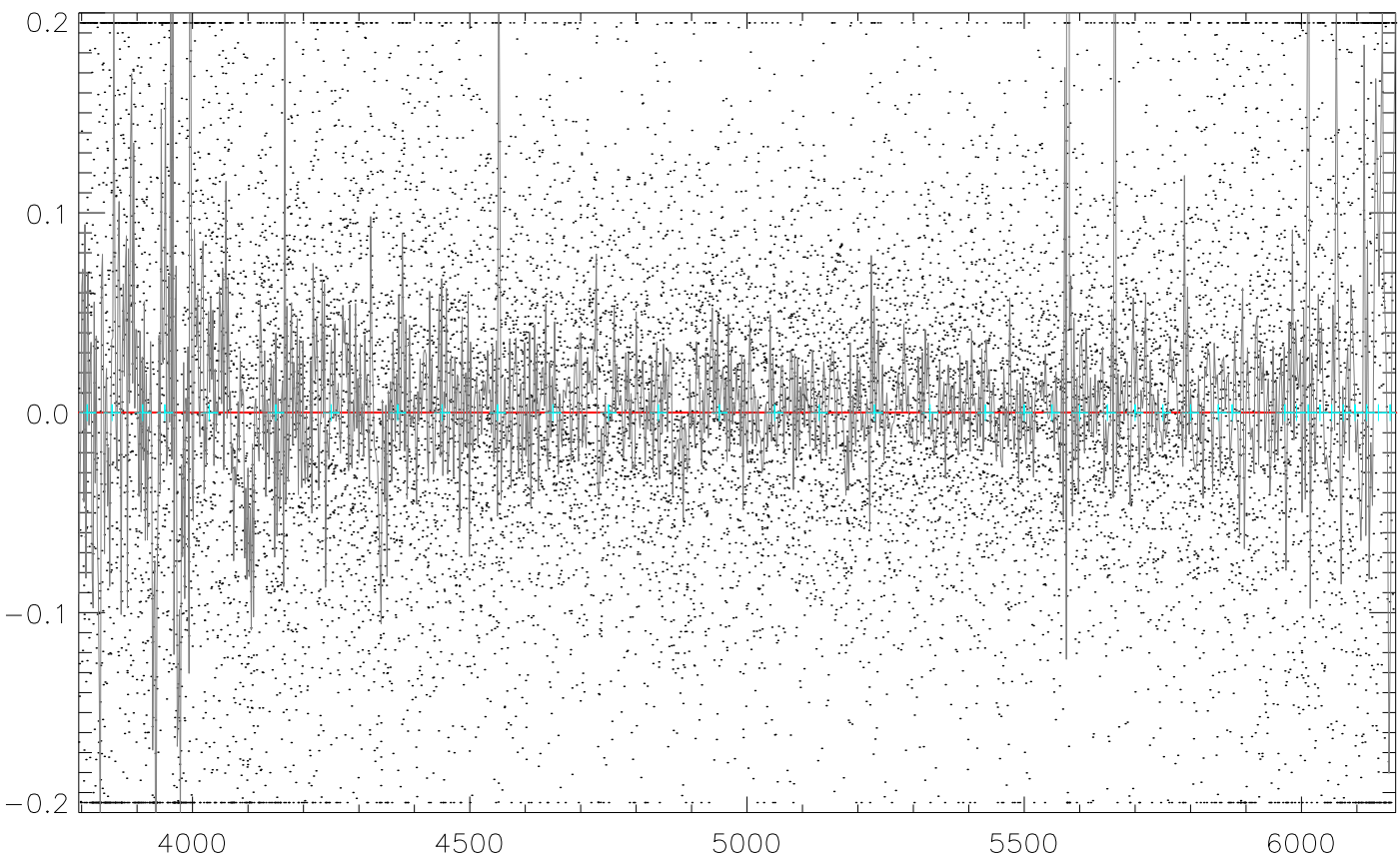
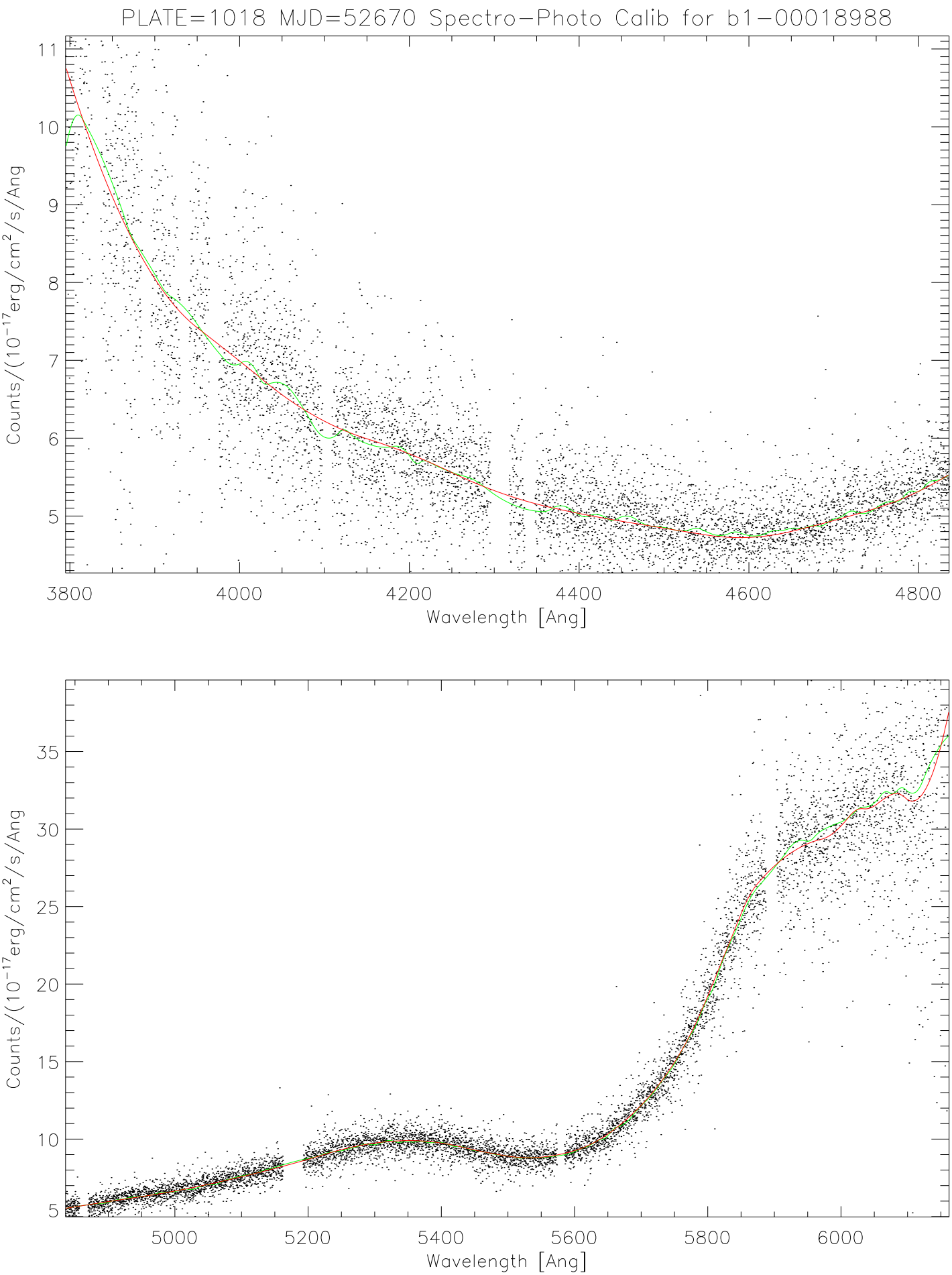
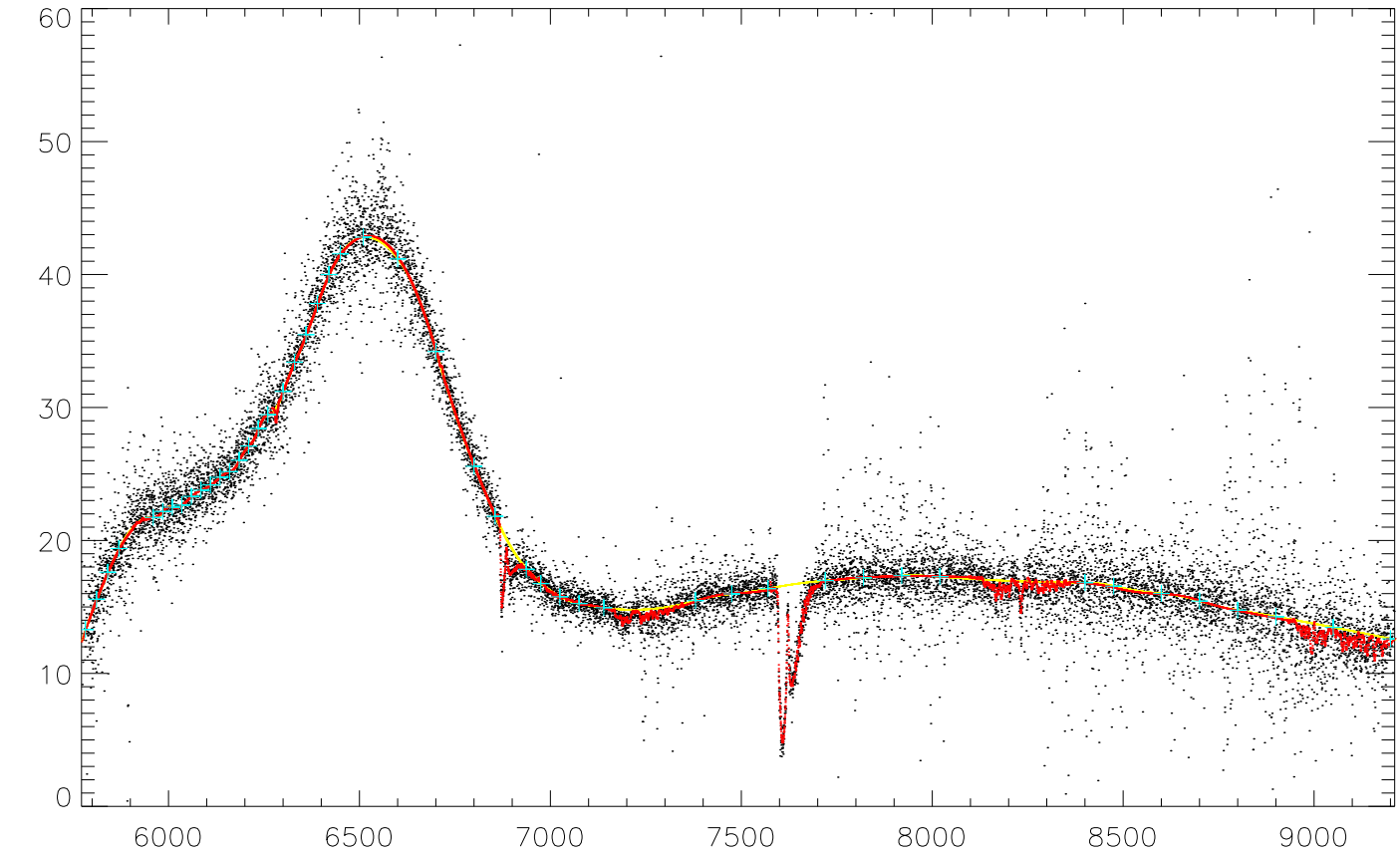
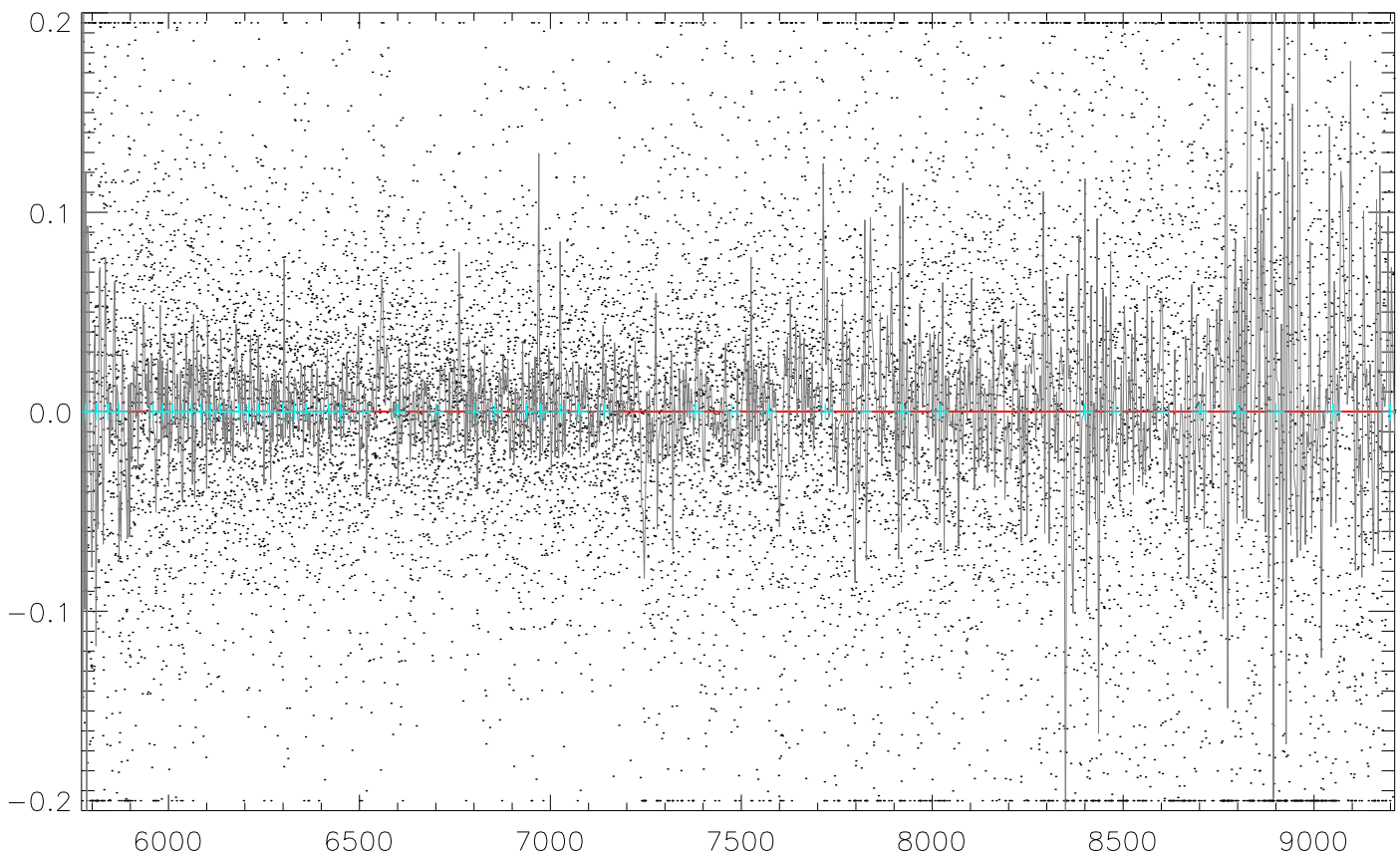
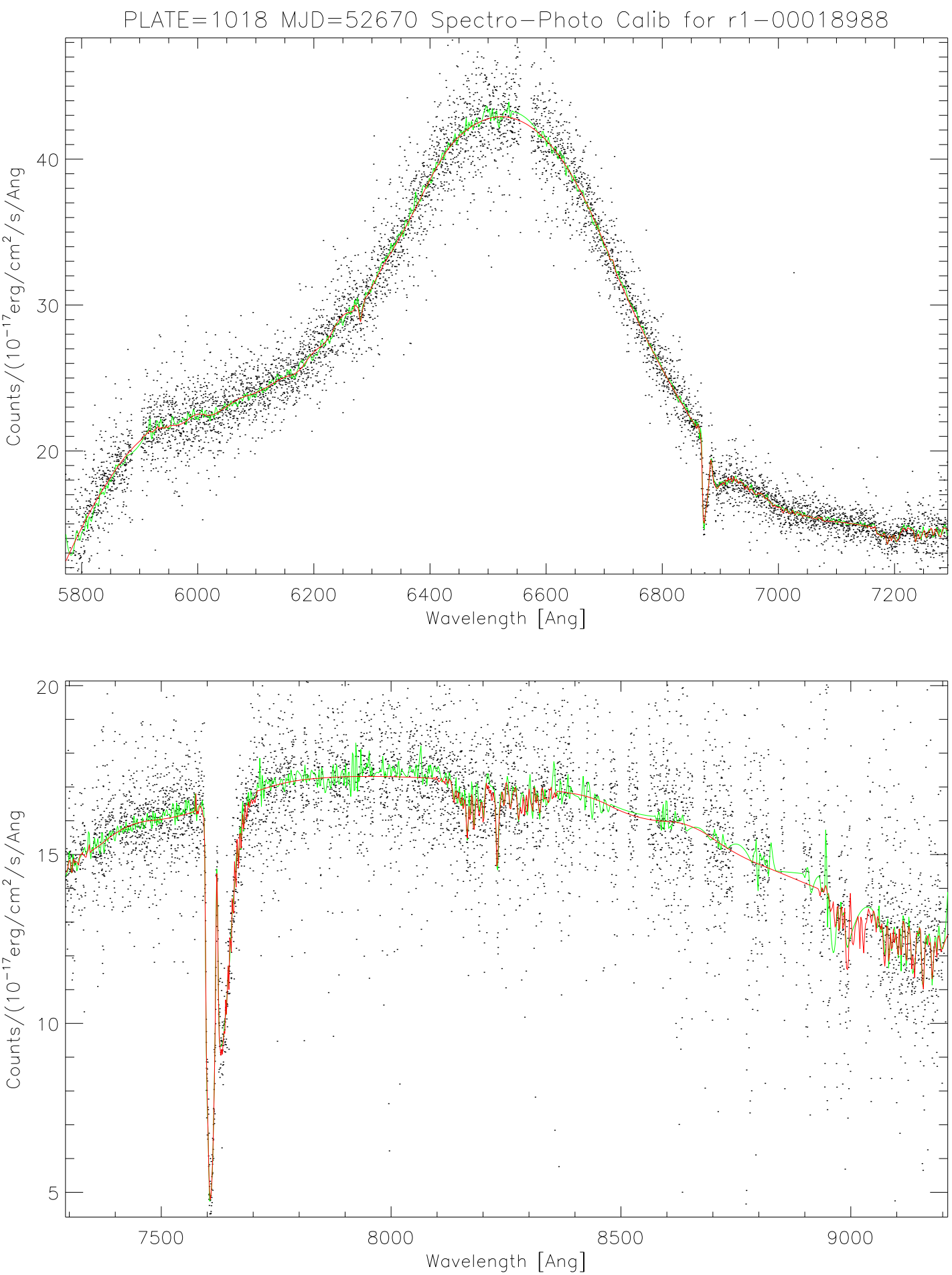
40
30
20
10
0
4000
4500
5000
5500
6000

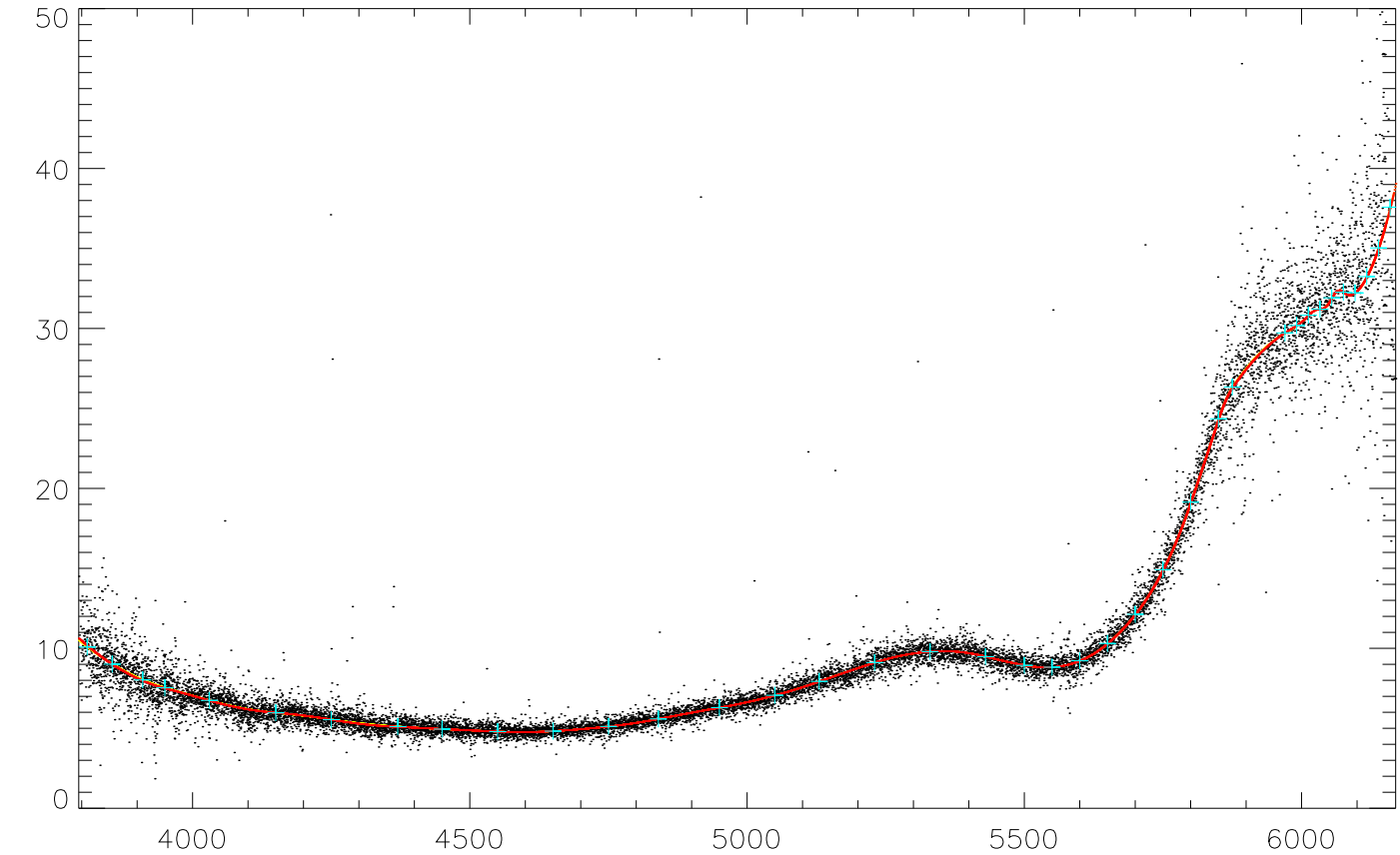

0.2
0.1
0.0
−0.1
−0.2
4000
4500
5000
5500
6000


PLATE=1018 MJD=52670 Spectro−Photo Calib for b1−00018988
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
3800
4000
4200
4400
4600
4800
5
6
7
8
9
10
11
5000
5200
5400
5600
5800
6000
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=1018 MJD=52670 Spectro−Photo Calib for r1−00018988
Counts/(10^-17erg/cm^2/s/Ang
Wavelength [Ang]
5800
6000
6200
6400
6600
6800
7000
7200
20
30
40
Counts/(10^-17erg/cm^2/s/Ang
Wavelength [Ang]
7500
8000
8500
9000
5
10
15
20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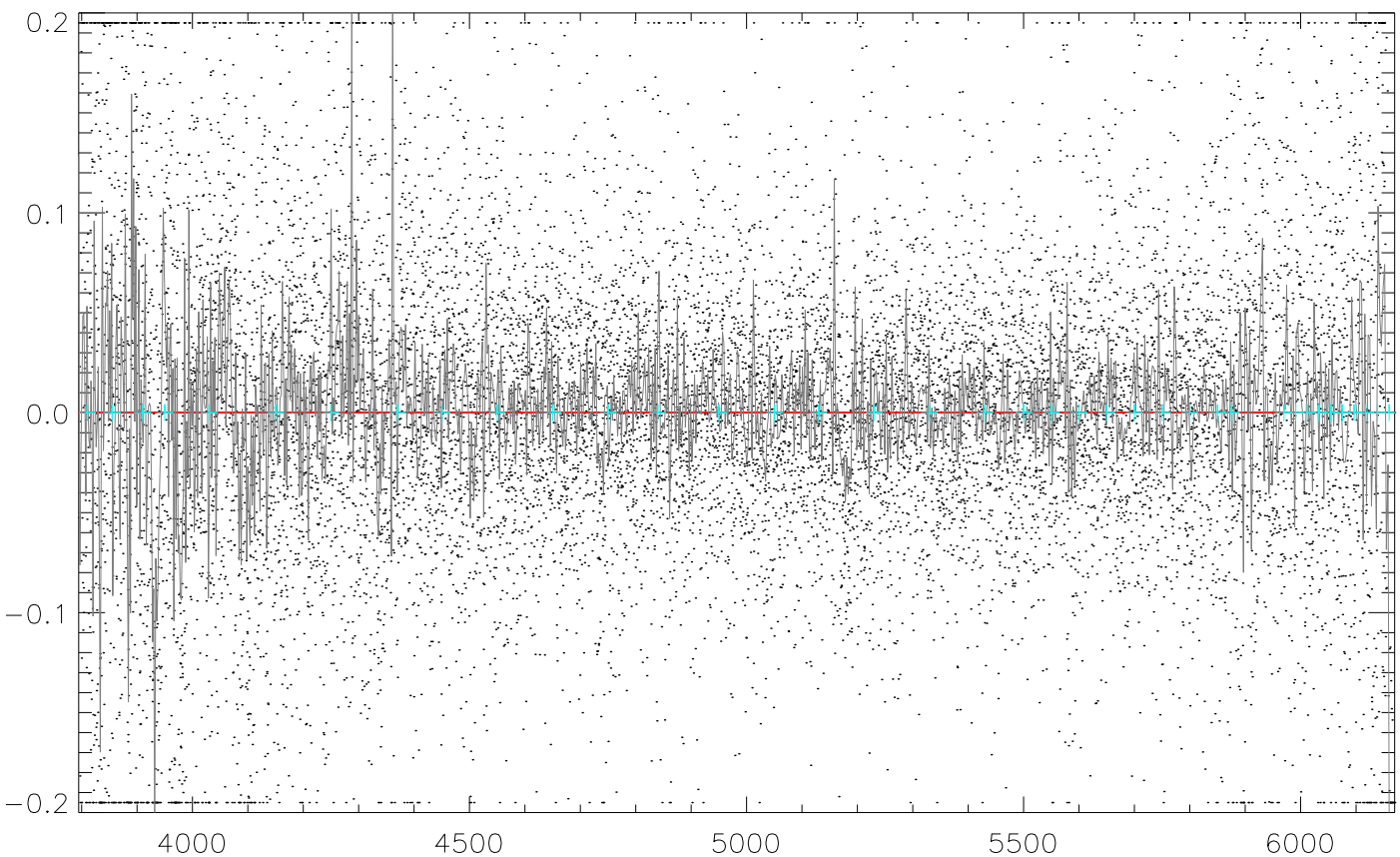
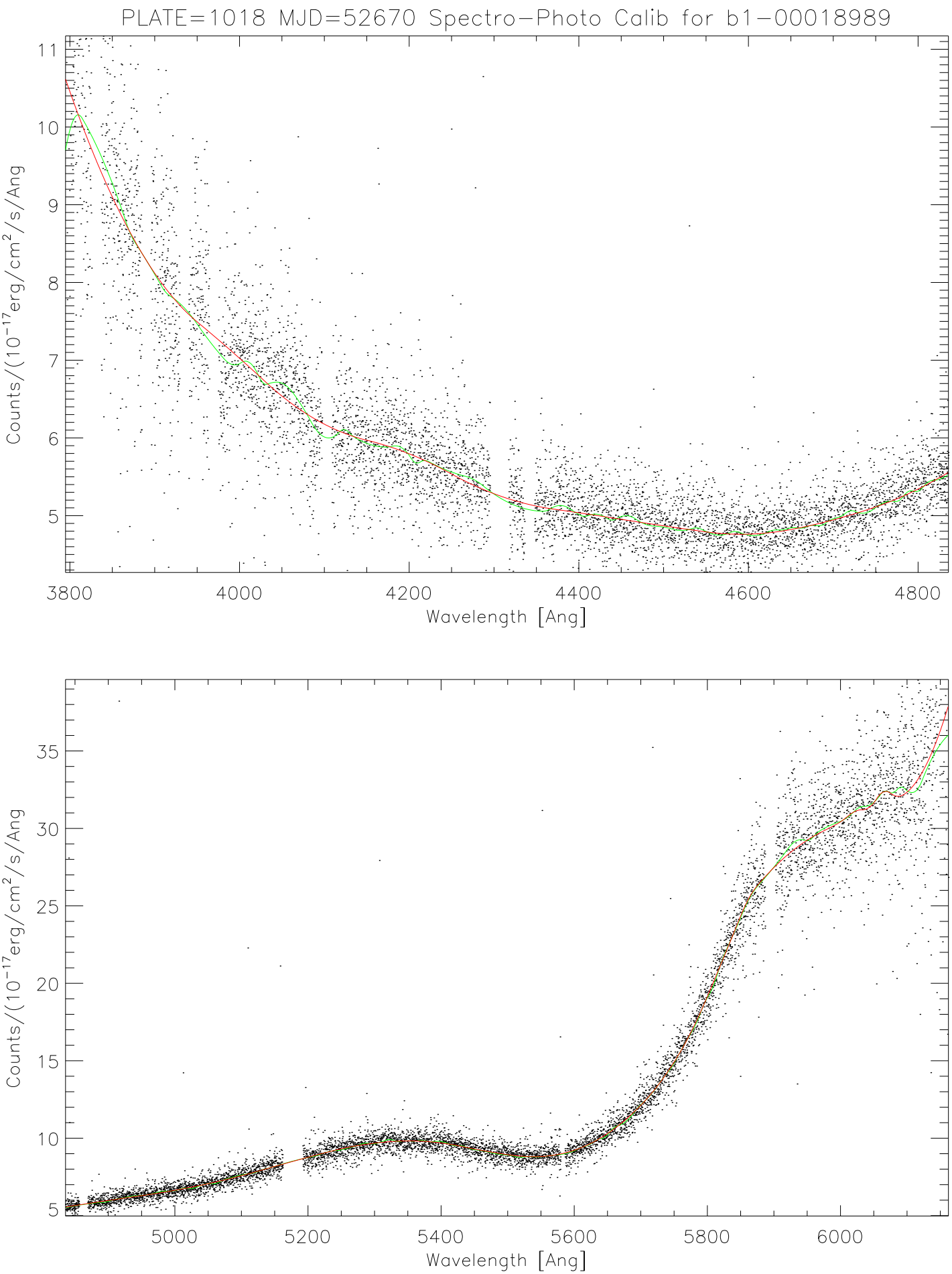
40
30
20
10
0
4000
4500
5000
5500
6000


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


PLATE=1018 MJD=52670 Spectro−Photo Calib for b1−00018989
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
3800
4000
4200
4400
4600
4800
5
6
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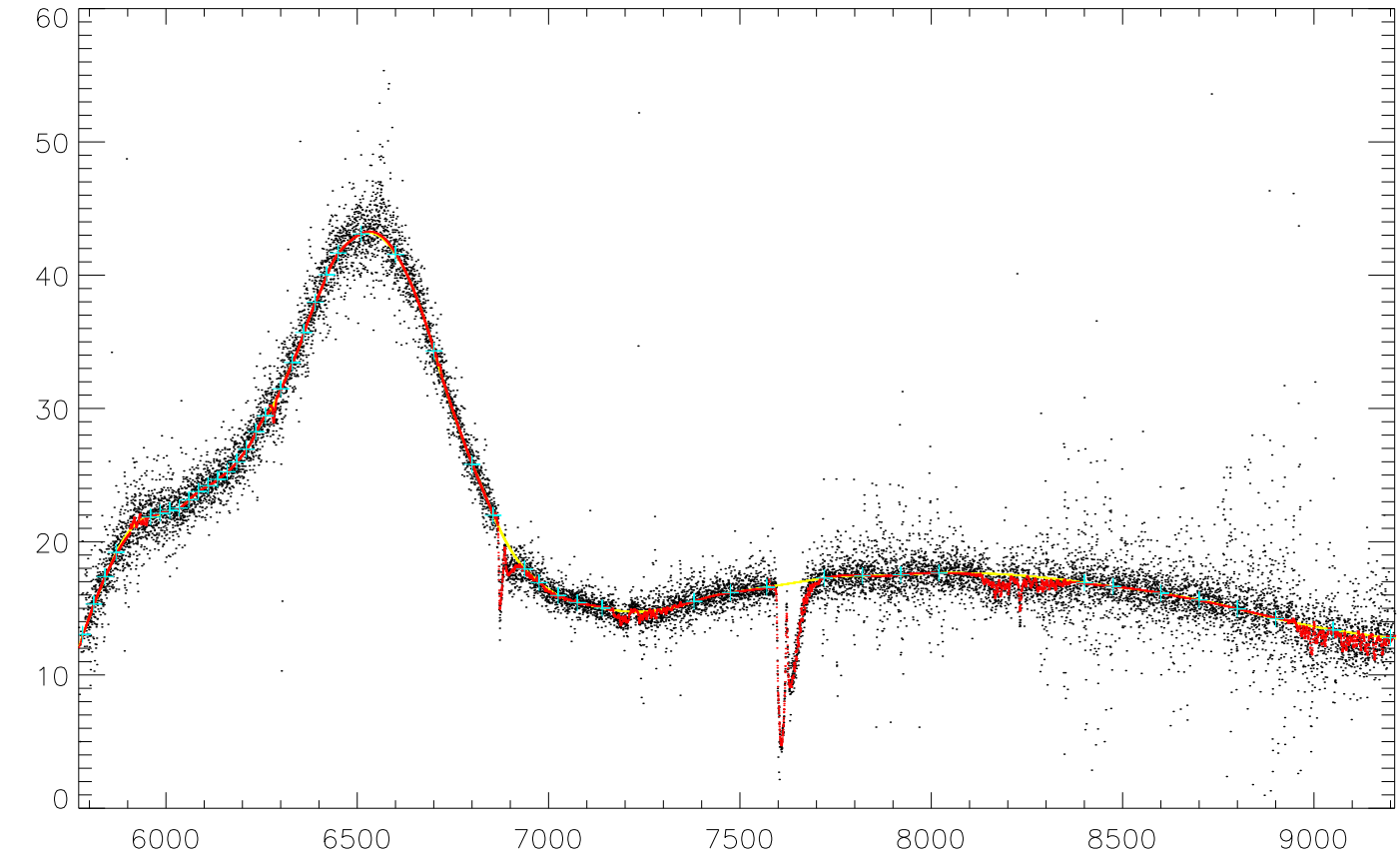
8
9
10
11
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
5000
5200
5400
5600
5800
6000
5
10
15
20
25
30
35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30
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10
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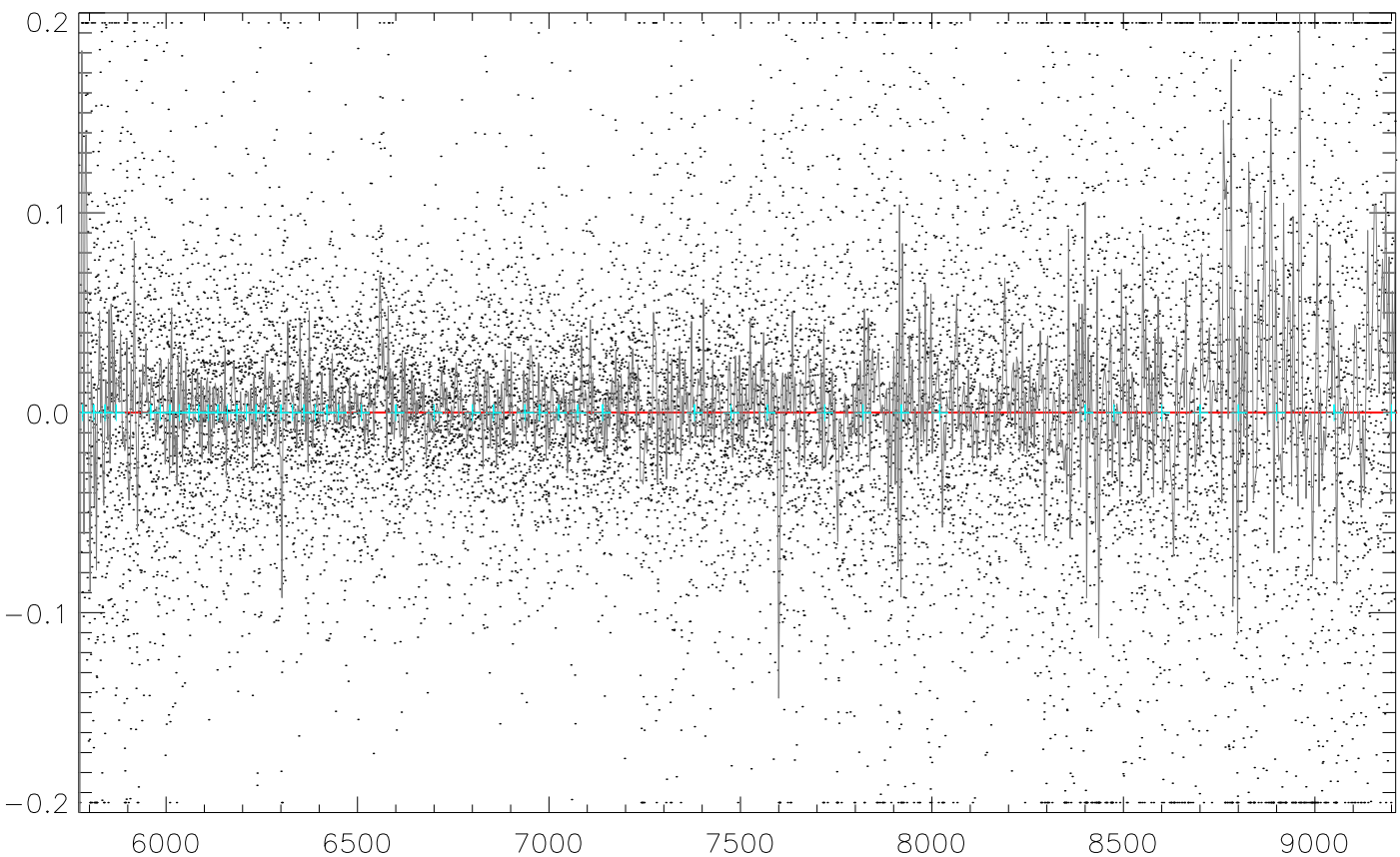
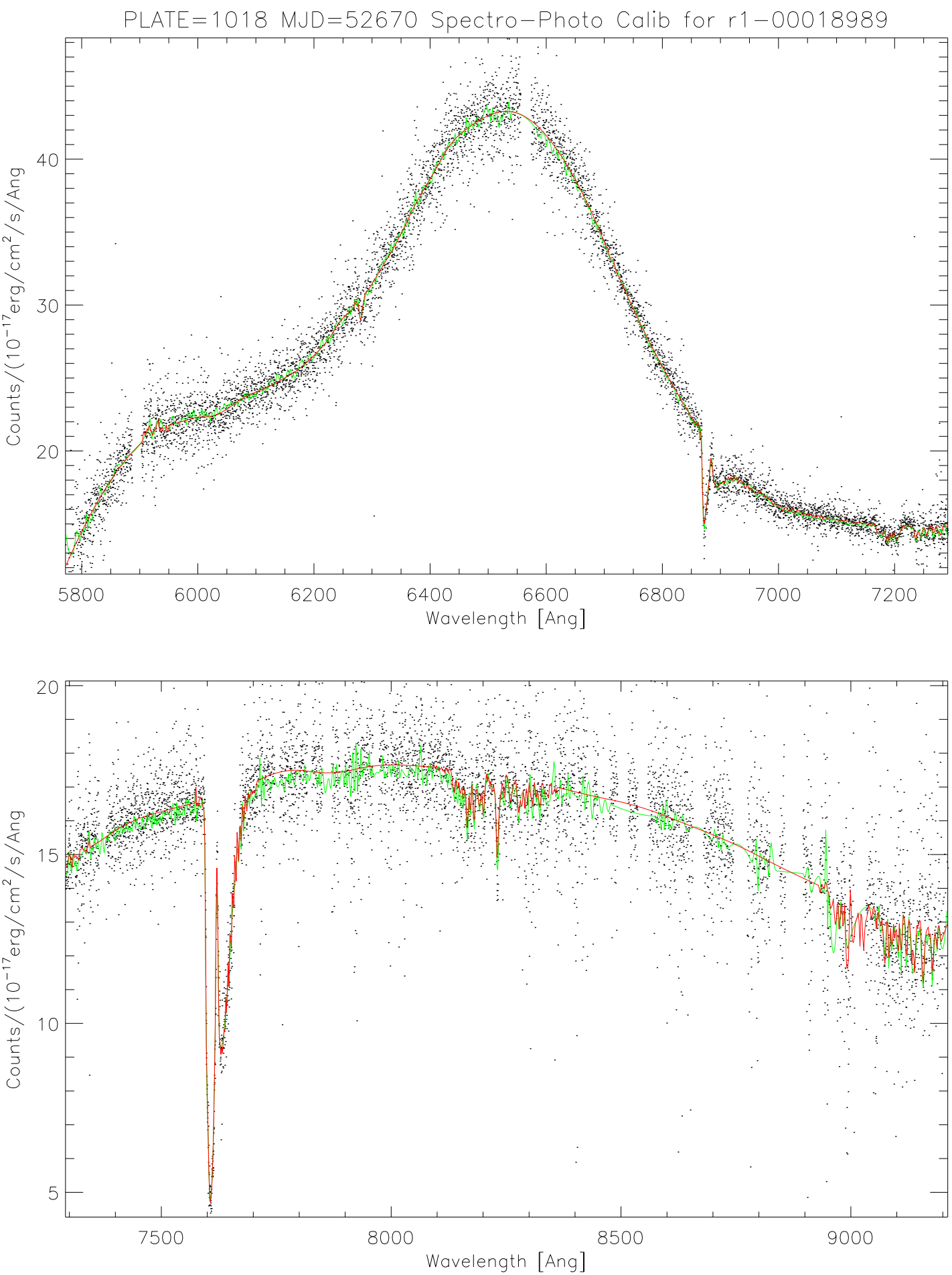
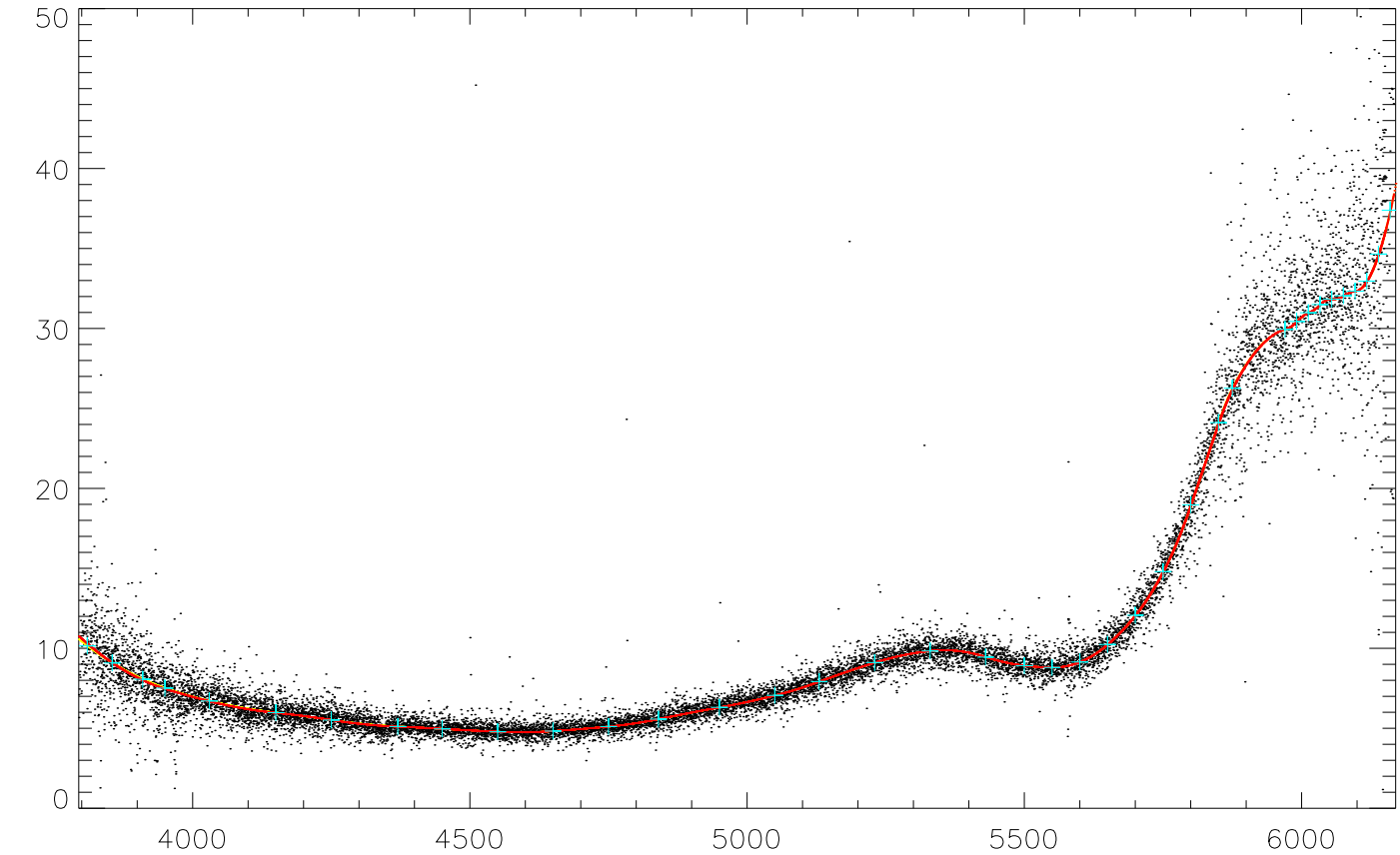
6000
6500
7000
7500
8000
8500
9000


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


PLATE=1018 MJD=52670 Spectro−Photo Calib for r1−00018989
Counts/(10^-17 erg/cm^2/s/Ang
40
30
20
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]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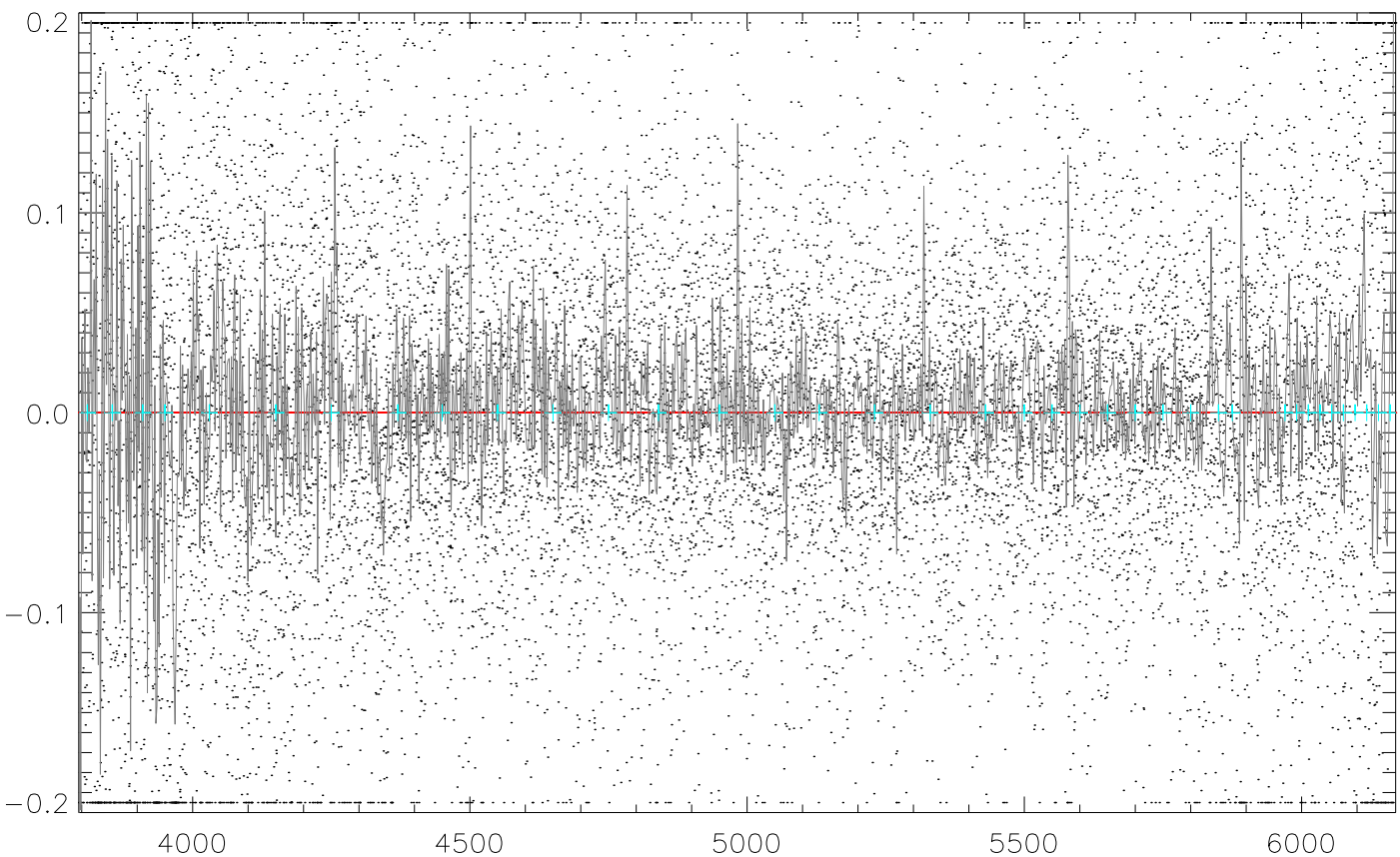
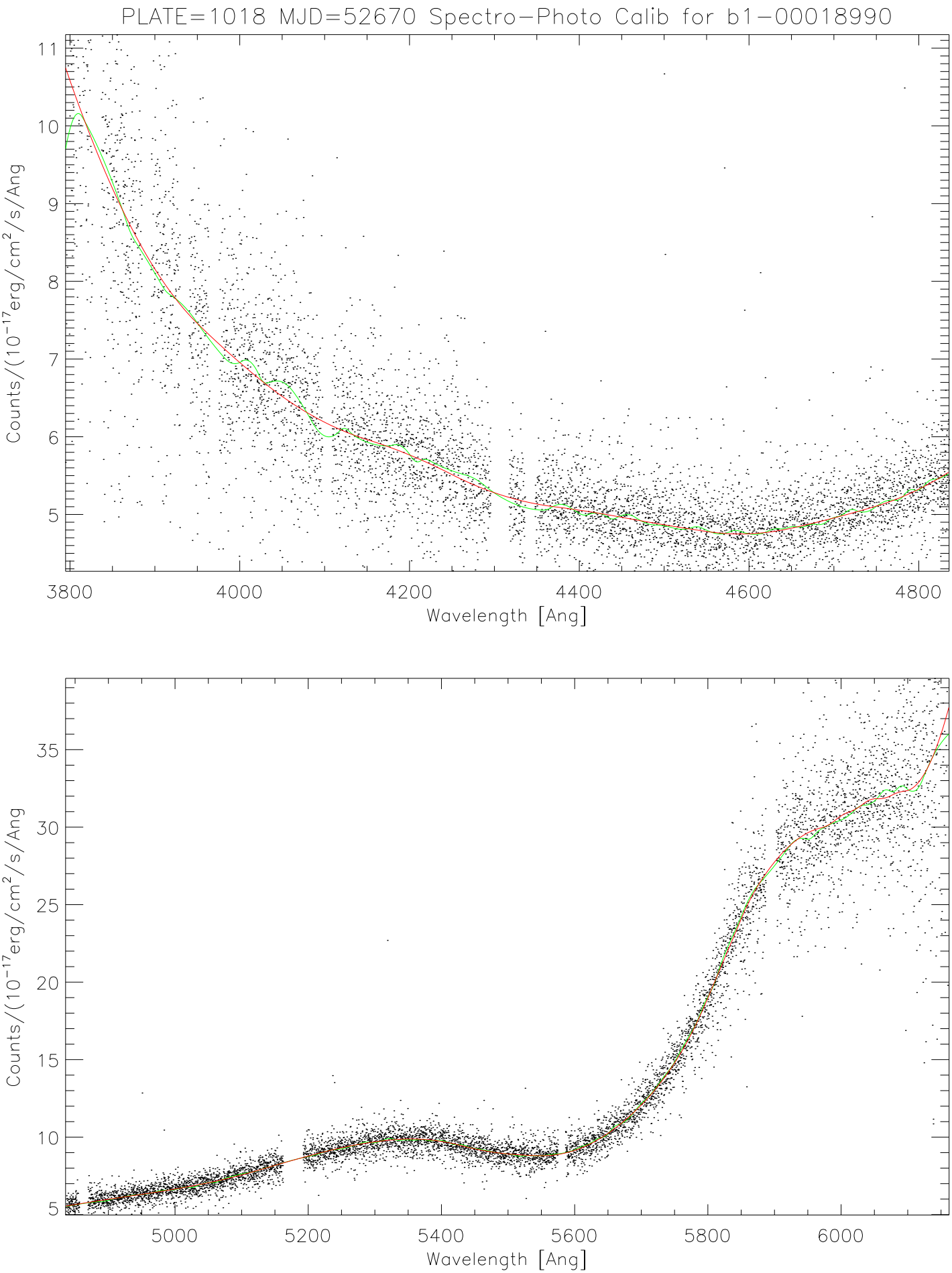
20
10
0
4000
4500
5000
5500
6000


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


PLATE=1018 MJD=52670 Spectro−Photo Calib for b1−00018990
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]
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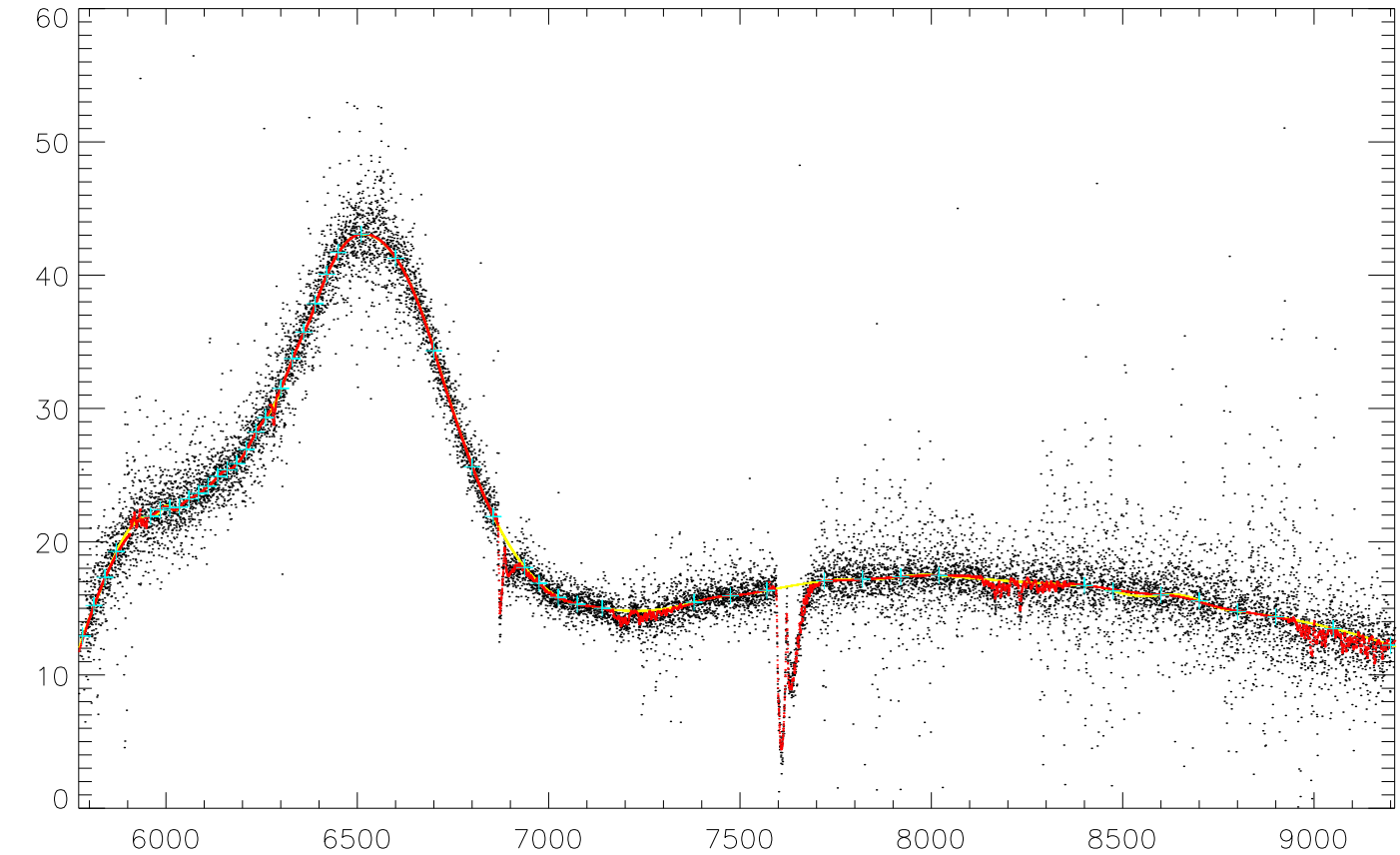
10
15
20
25
30
35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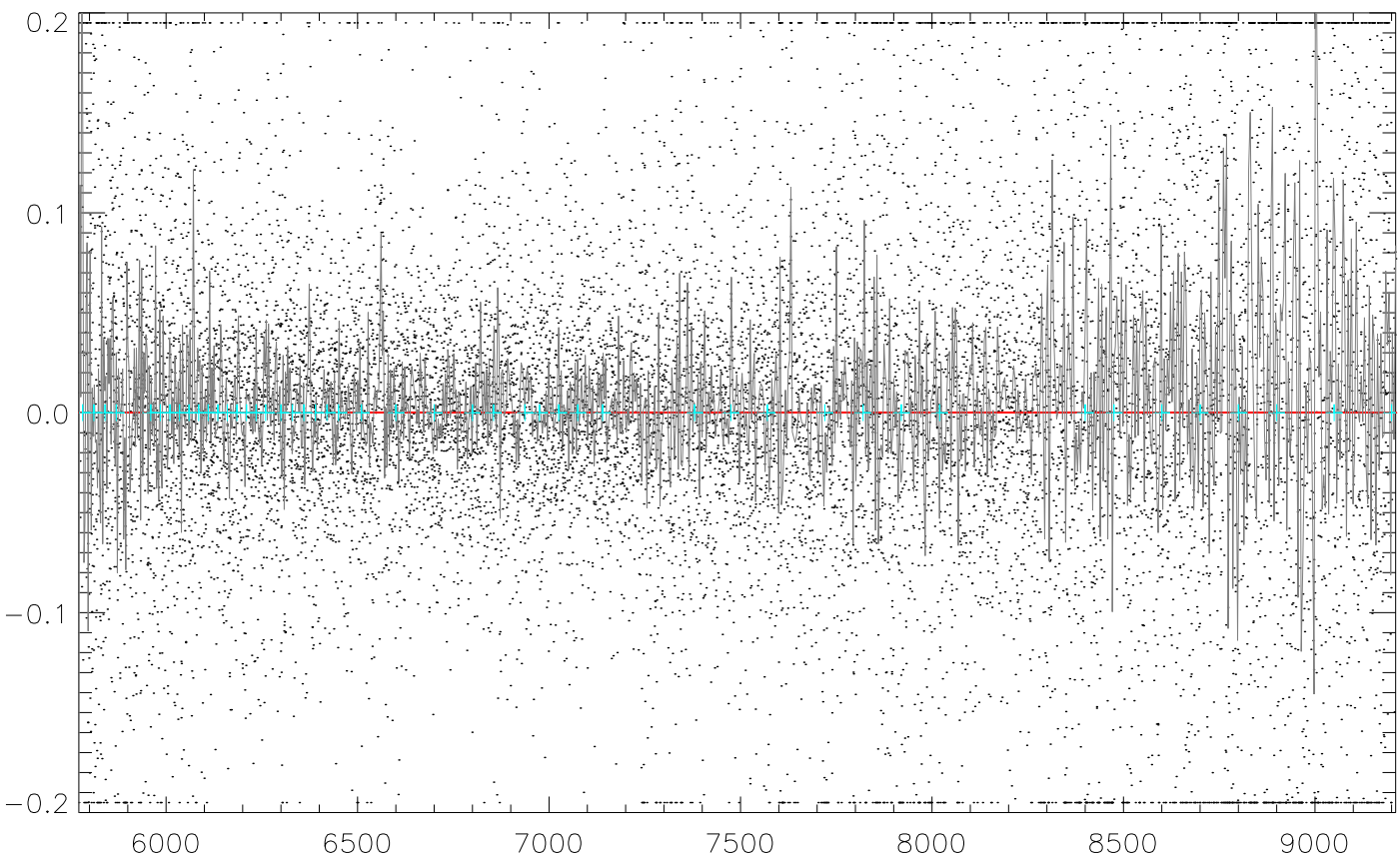
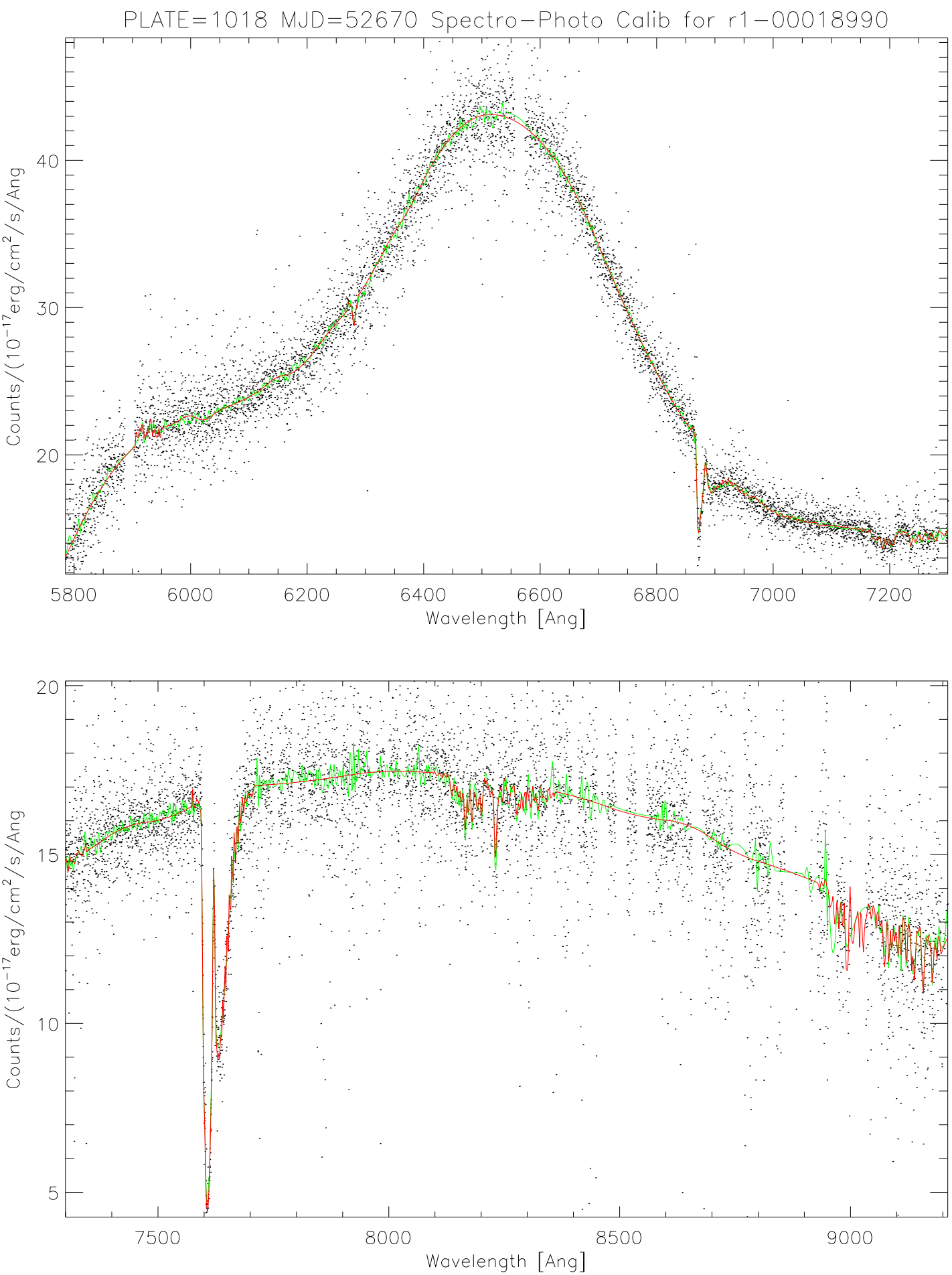
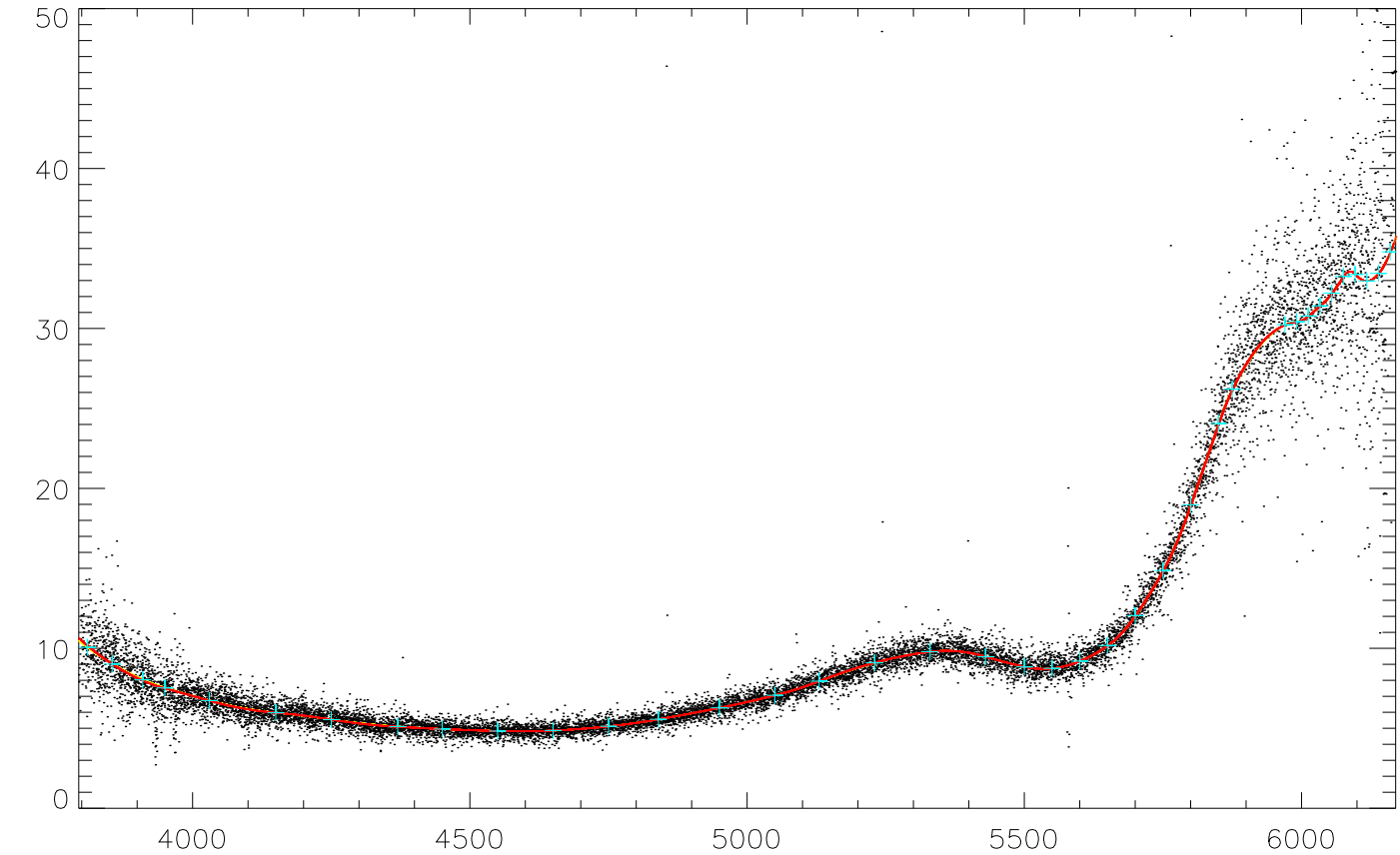
10
0
6000
6500
7000
7500
8000
8500
9000


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


PLATE=1018 MJD=52670 Spectro−Photo Calib for r1−00018990
Counts/(10^-17 erg/cm^2/s/Ang
40
30
20
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]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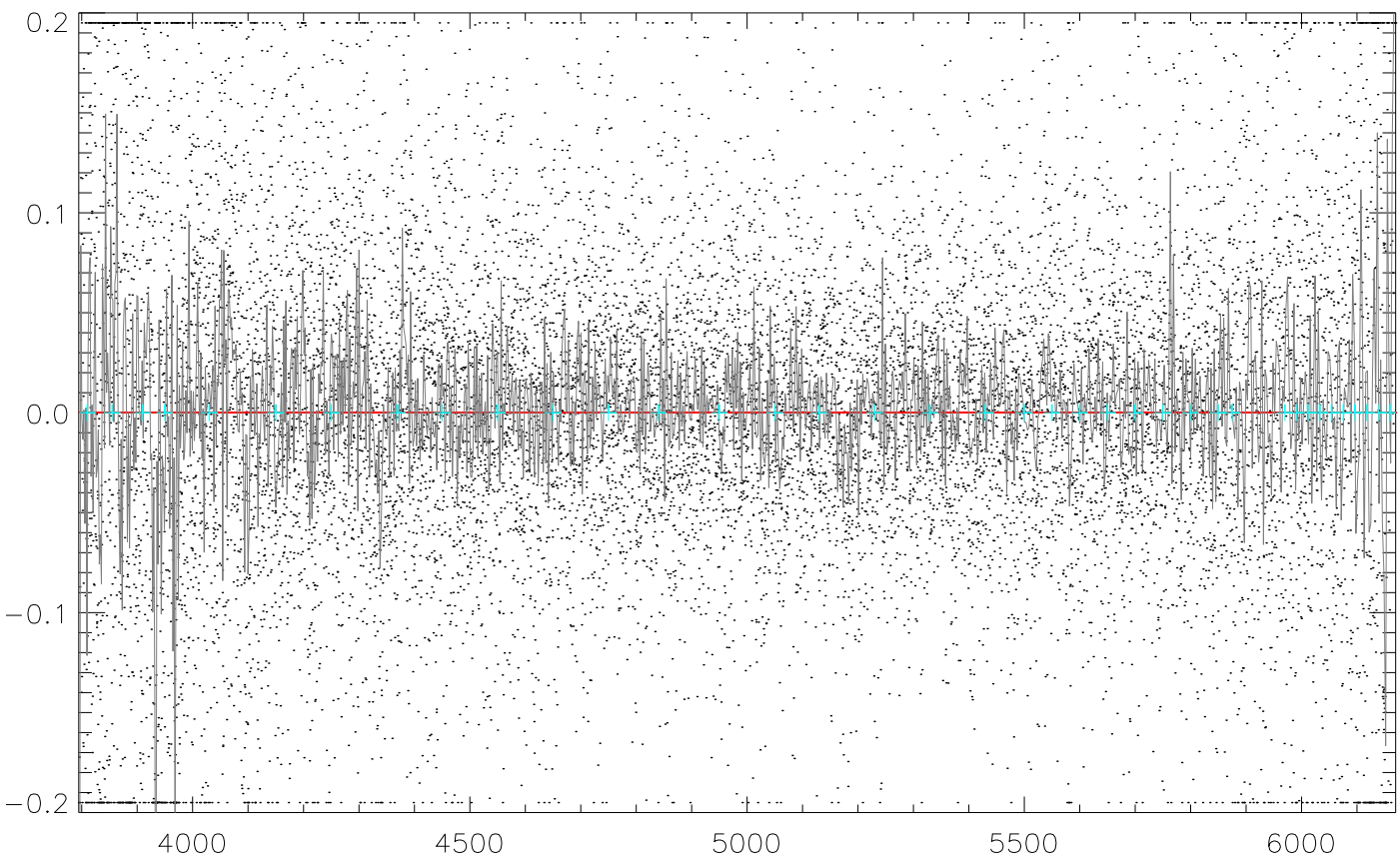
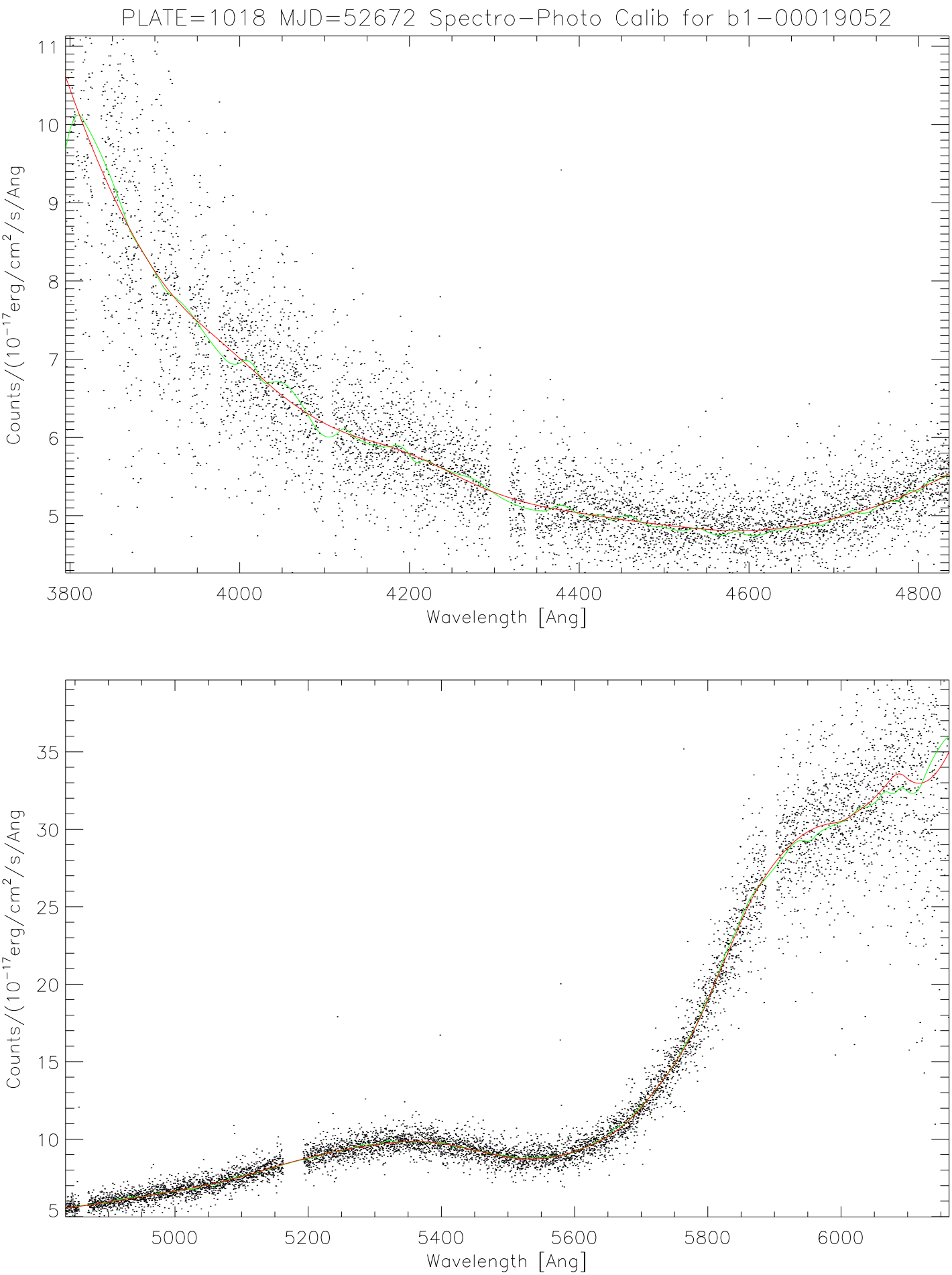
40
30
20
10
0
4000
4500
5000
5500
6000


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


PLATE=1018 MJD=52672 Spectro−Photo Calib for b1−00019052
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
3800
4000
4200
4400
4600
4800
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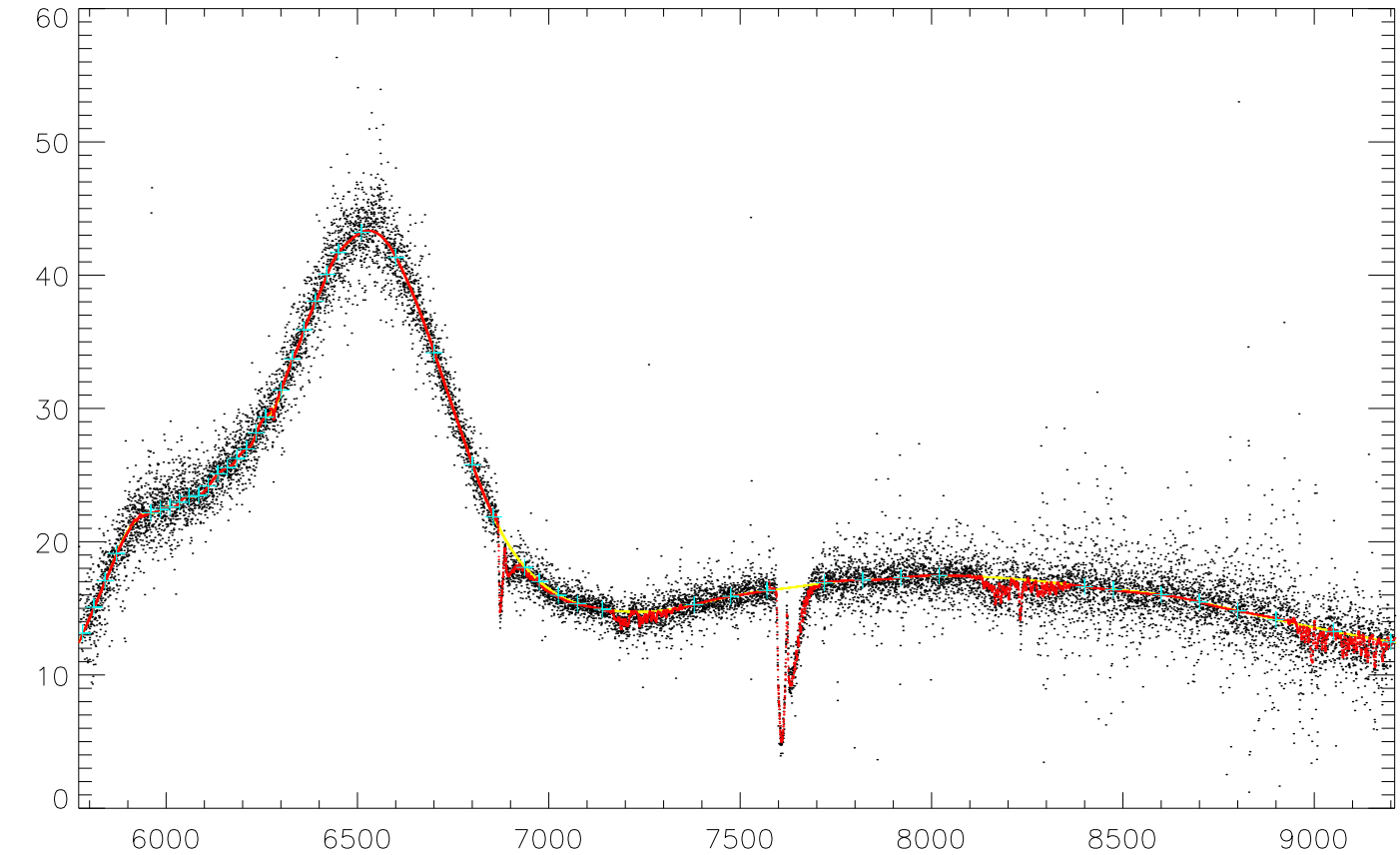
6000
15
20
25
30
35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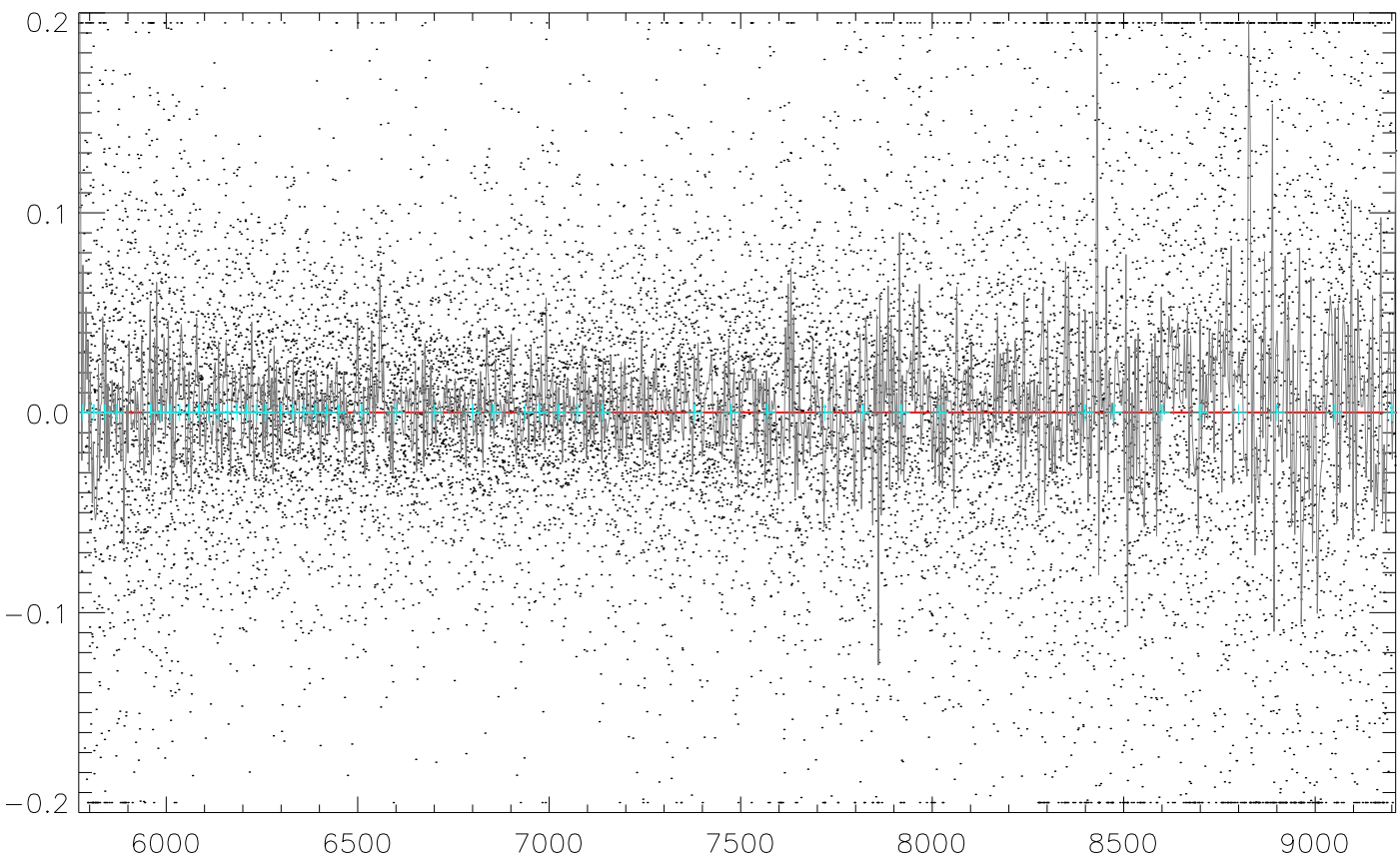
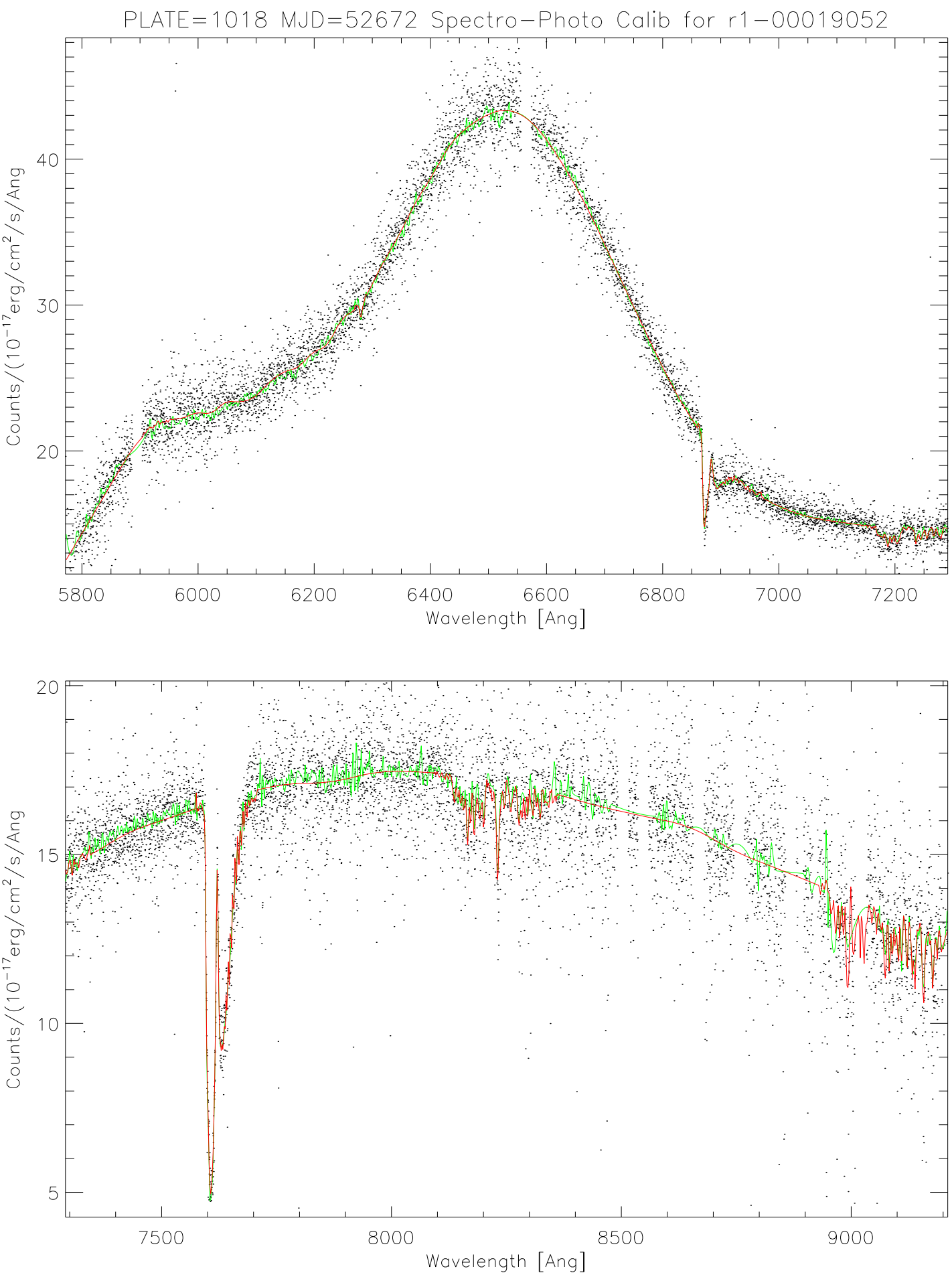
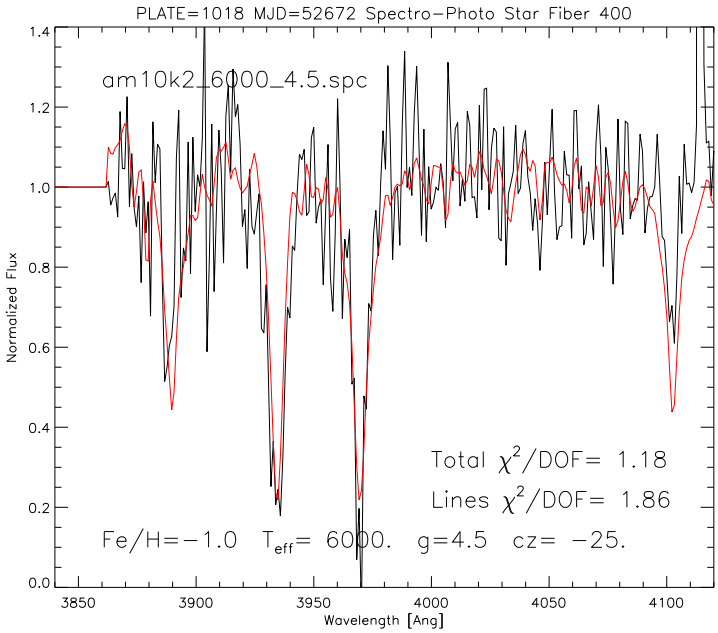
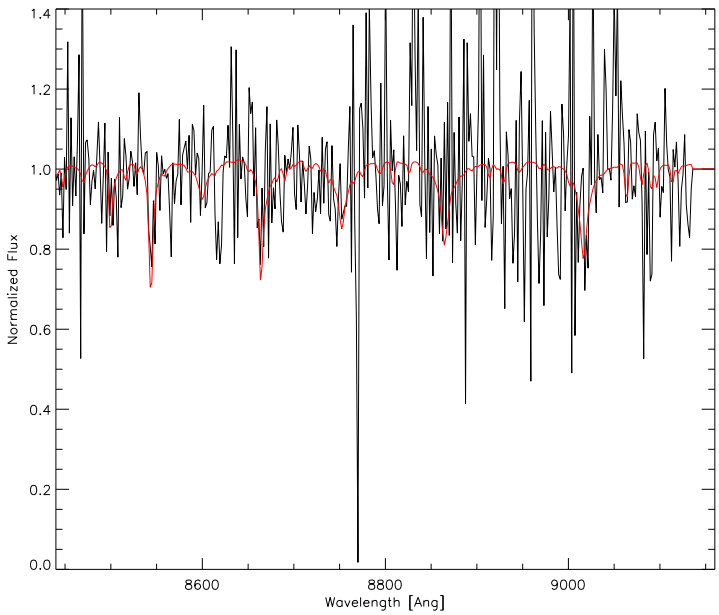
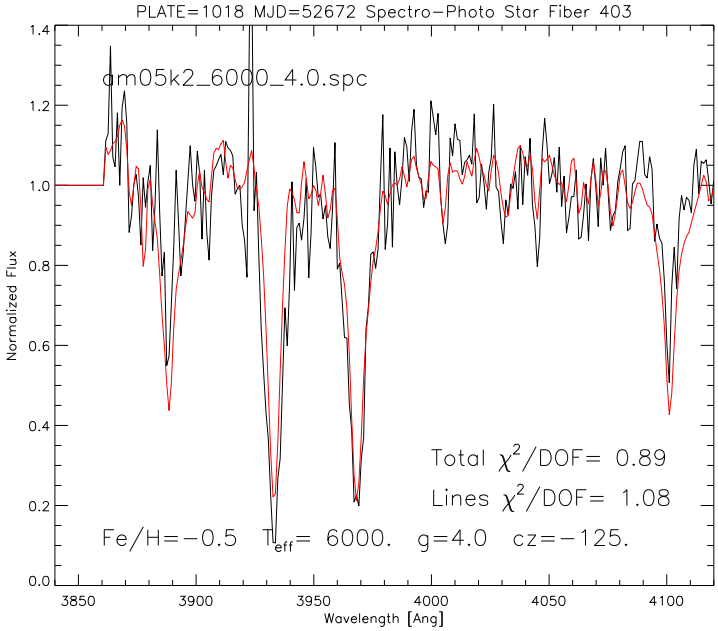
50
40
30
20
10
0
6000
6500
7000
7500
8000
8500
9000

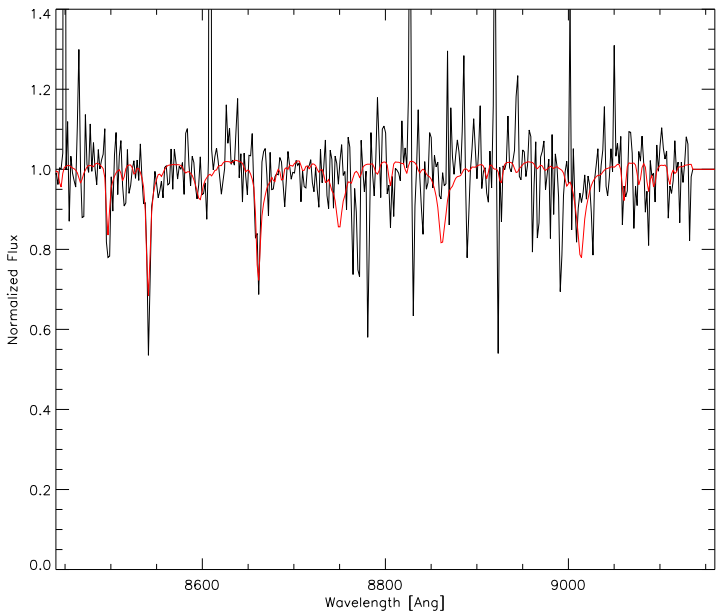

0.2
0.1
0.0
−0.1
−0.2
6000
6500
7000
7500
8000
8500
9000

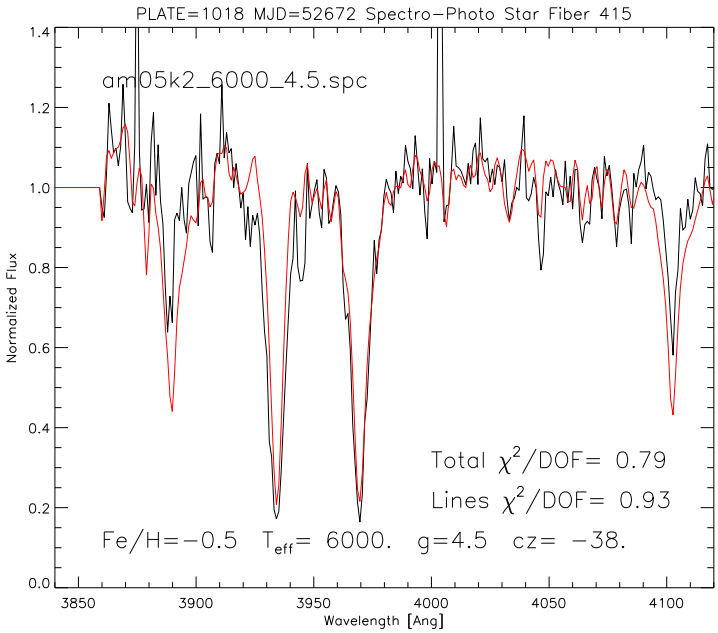

PLATE=1018 MJD=52672 Spectro−Photo Calib for r1−00019052
Counts/(10^-17 erg/cm^2/s/Ang
40
30
20
5800
6000
6200
6400
6600
6800
7000
7200
Wavelength [Ang]
Counts/(10^-17 erg/cm^2/s/Ang
20
15
10
5
7500
8000
8500
9000
Wavelength [Ang]

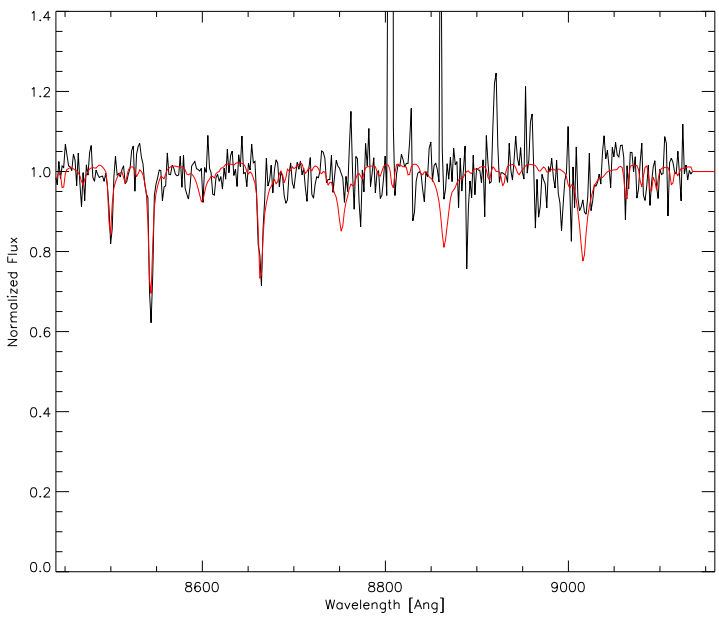

PLATE=1018 MJD=52672 Spectro-Photo Star Fiber 400
am10k2_6000_4.5.spc
Total χ^2/DOF= 1.18
Lines χ^2/DOF= 1.86
Fe/H=−1.0 T_{eff}= 6000. g=4.5 cz= −25.
Normalized Flux
Wavelength [Ang]

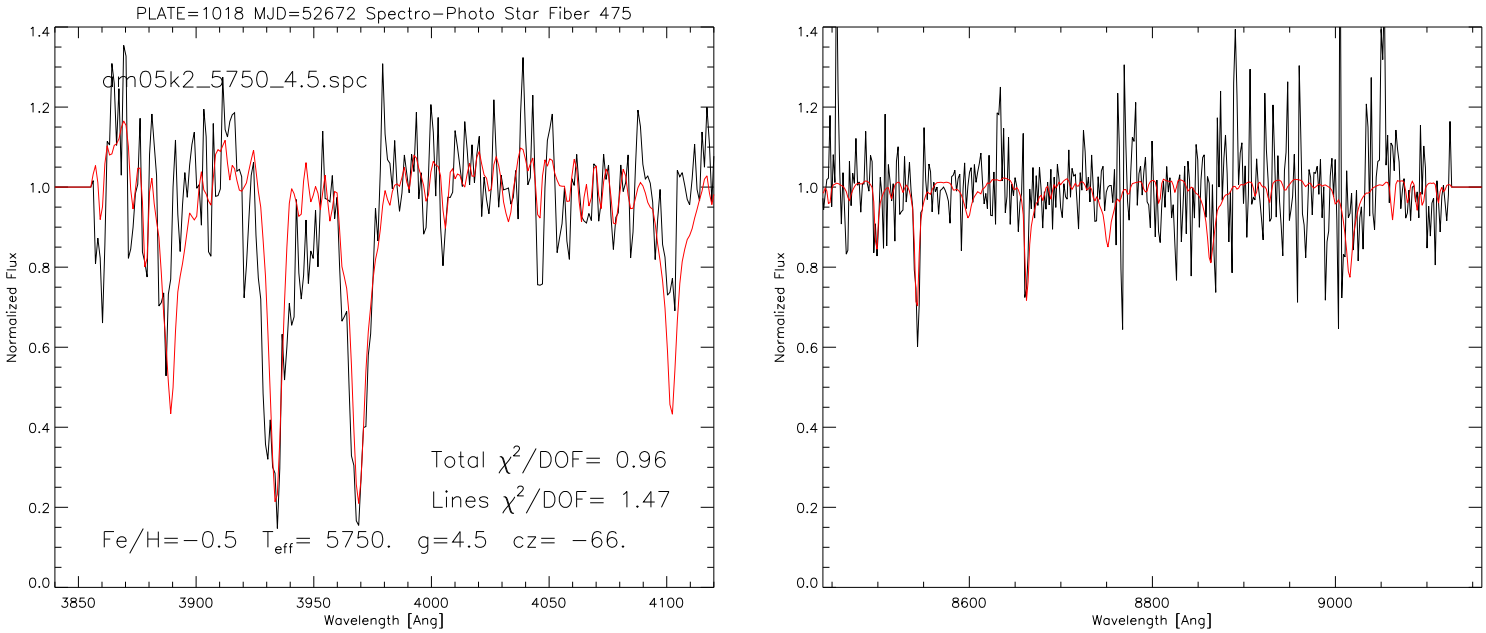

Normalized Flux
Wavelength [Ang]

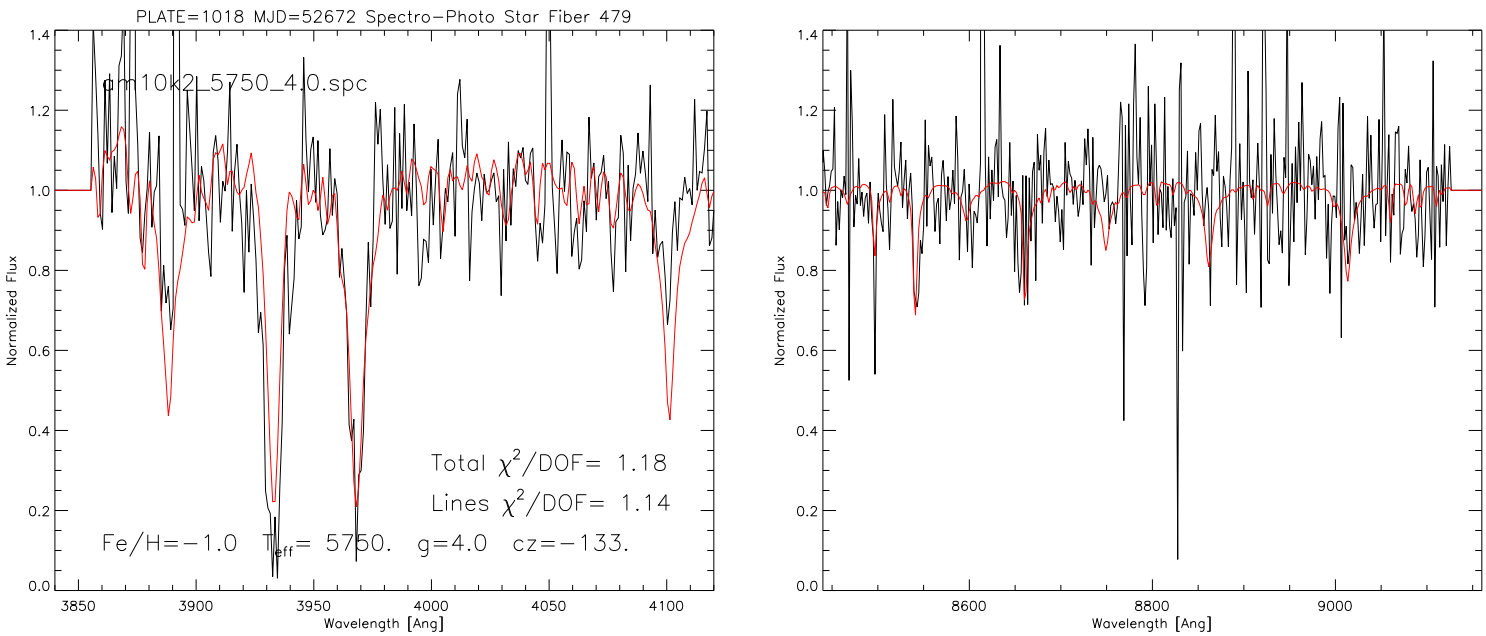

PLATE=1018 MJD=52672 Spectro-Photo Star Fiber 403
am05k2_6000_4.0.spc
Total χ^2/DOF= 0.89
Lines χ^2/DOF= 1.08
Fe/H=−0.5 T_{eff}= 6000. g=4.0 cz=−125.
Normalized Flux
Wavelength [Ang]

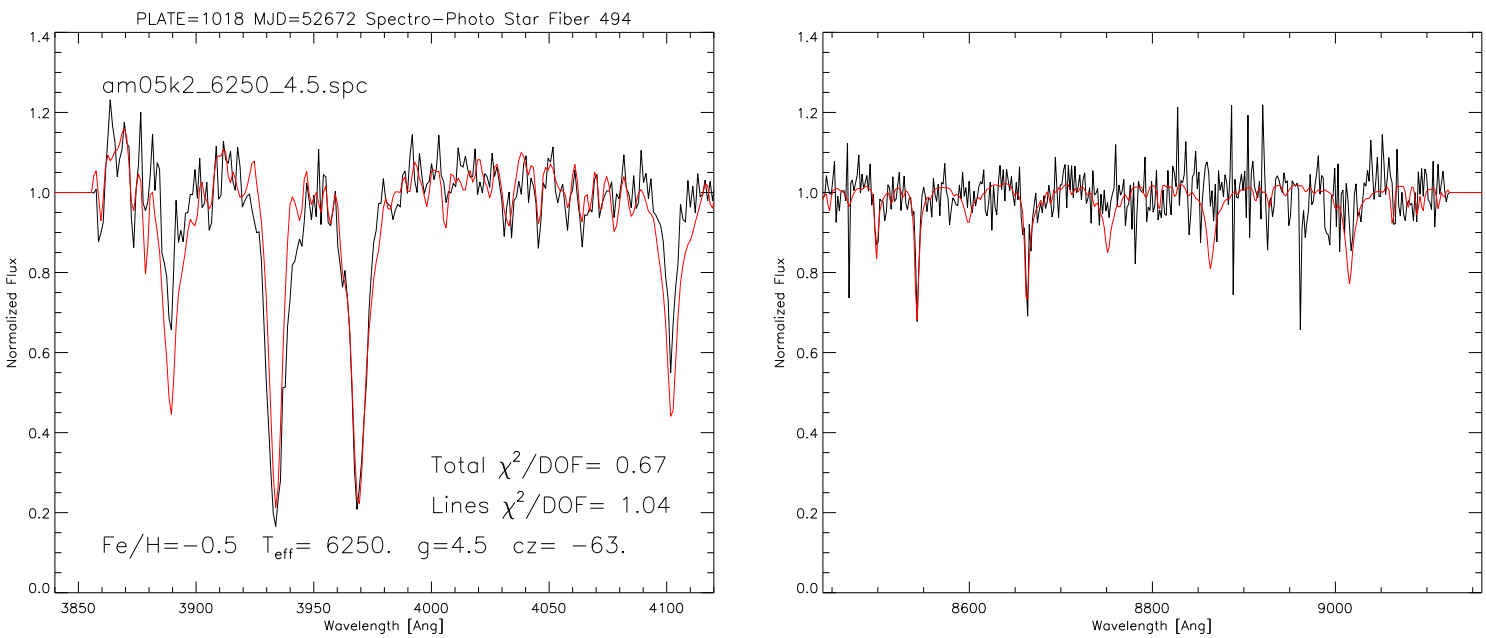

Normalized Flux
Wavelength [Ang]

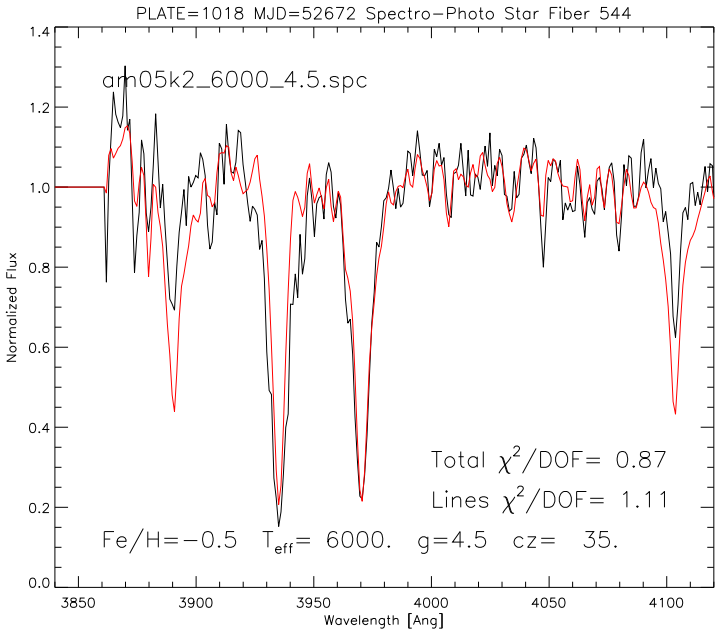

PLATE=1018 MJD=52672 Spectro-Photo Star Fiber 415
am05k2_6000_4.5.spc
Total χ^2/DOF= 0.79
Lines χ^2/DOF= 0.93
Fe/H=−0.5 T_{eff}= 6000. g=4.5 cz= −38.
Normalized Flux
Wavelength [Ang]

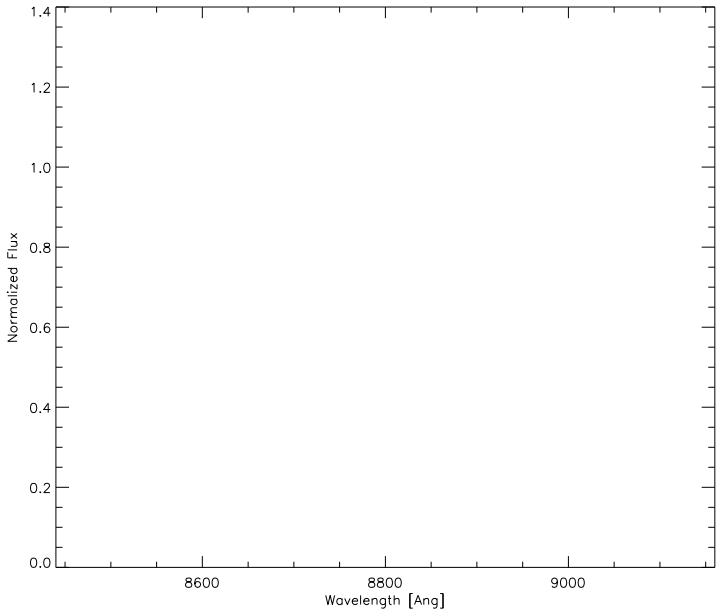

Normalized Flux
Wavelength [Ang]

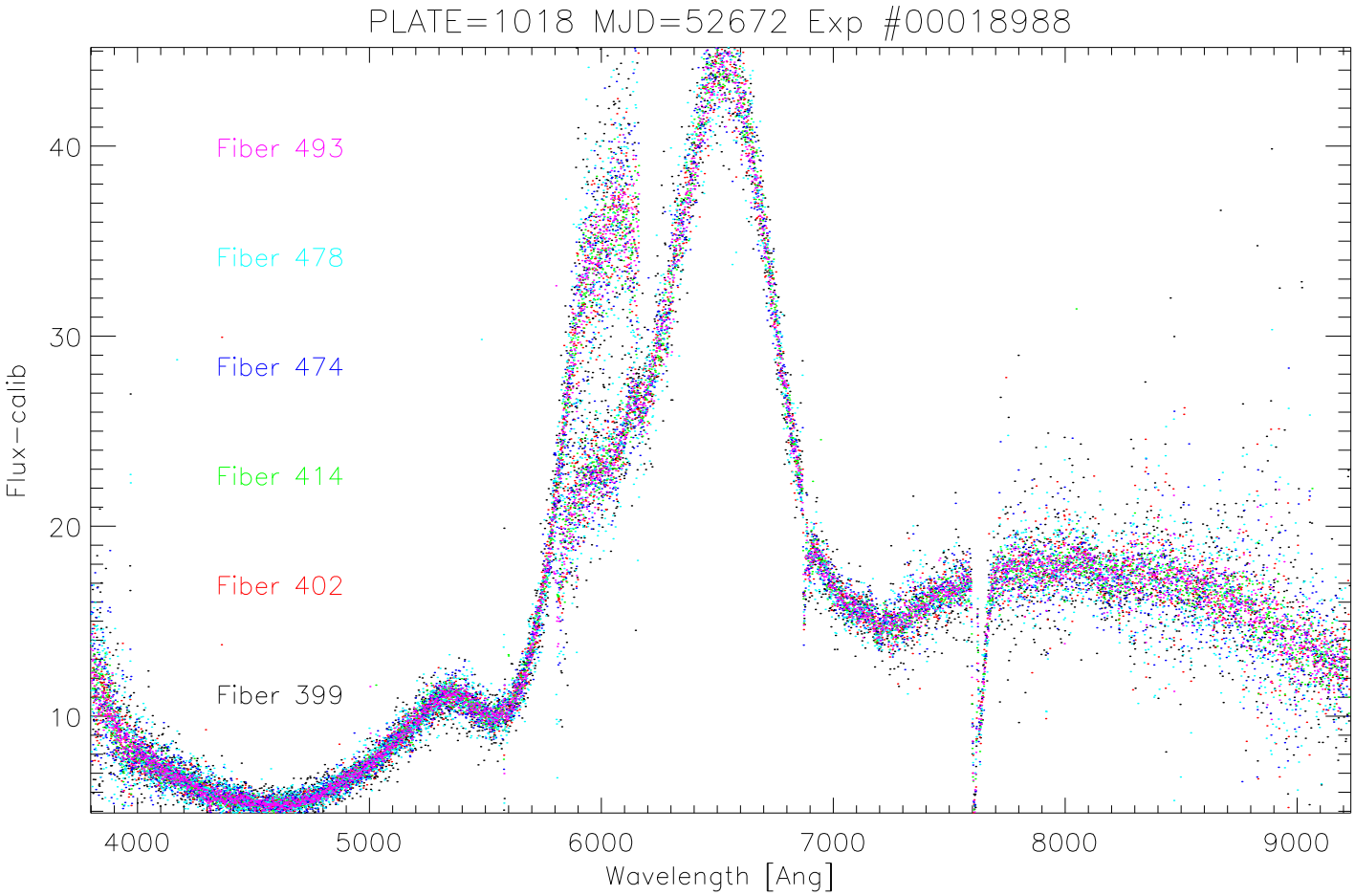

PLATE=1018 MJD=52672 Spectro-Photo Star Fiber 475
am05k2_5750_4.5.spc
Total χ^2/DOF= 0.96
Lines χ^2/DOF= 1.47
Fe/H=−0.5 T_{eff}= 5750. g=4.5 cz= −66.
Normalized Flux
Wavelength [Ang]

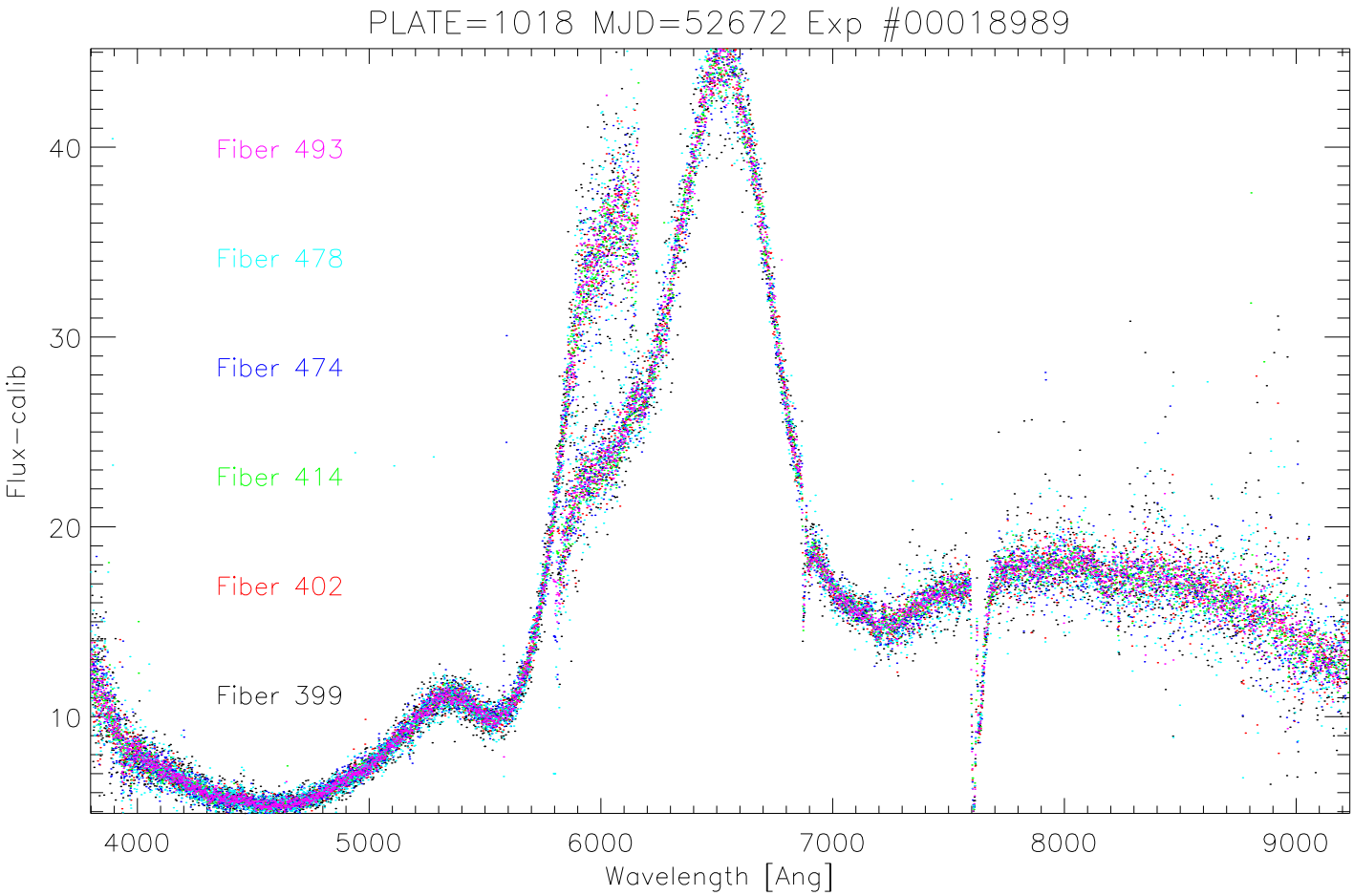

PLATE=1018 MJD=52672 Spectro-Photo Star Fiber 479
am10k2_5750_4.0.spc
Total χ^2/DOF= 1.18
Lines χ^2/DOF= 1.14
Fe/H=−1.0 T_{eff}= 5750. g=4.0 cz=−133.
Normalized Flux
Wavelength [Ang]

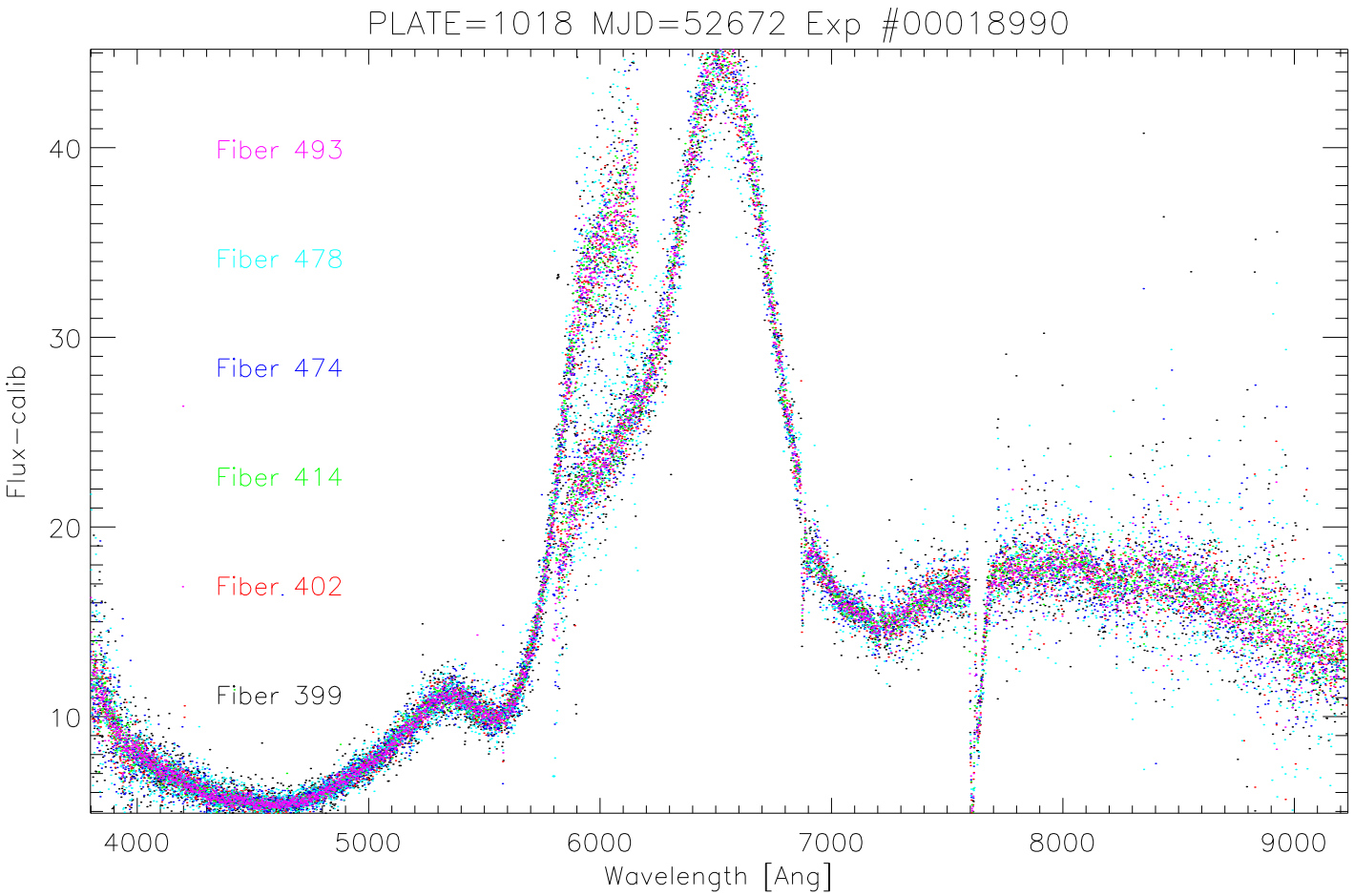

PLATE=1018 MJD=52672 Spectro-Photo Star Fiber 494
am05k2_6250_4.5.spc
Total χ^2/DOF= 0.67
Lines χ^2/DOF= 1.04
Fe/H=−0.5 T_{eff}= 6250. g=4.5 cz= −63.
Normalized Flux
Wavelength [Ang]

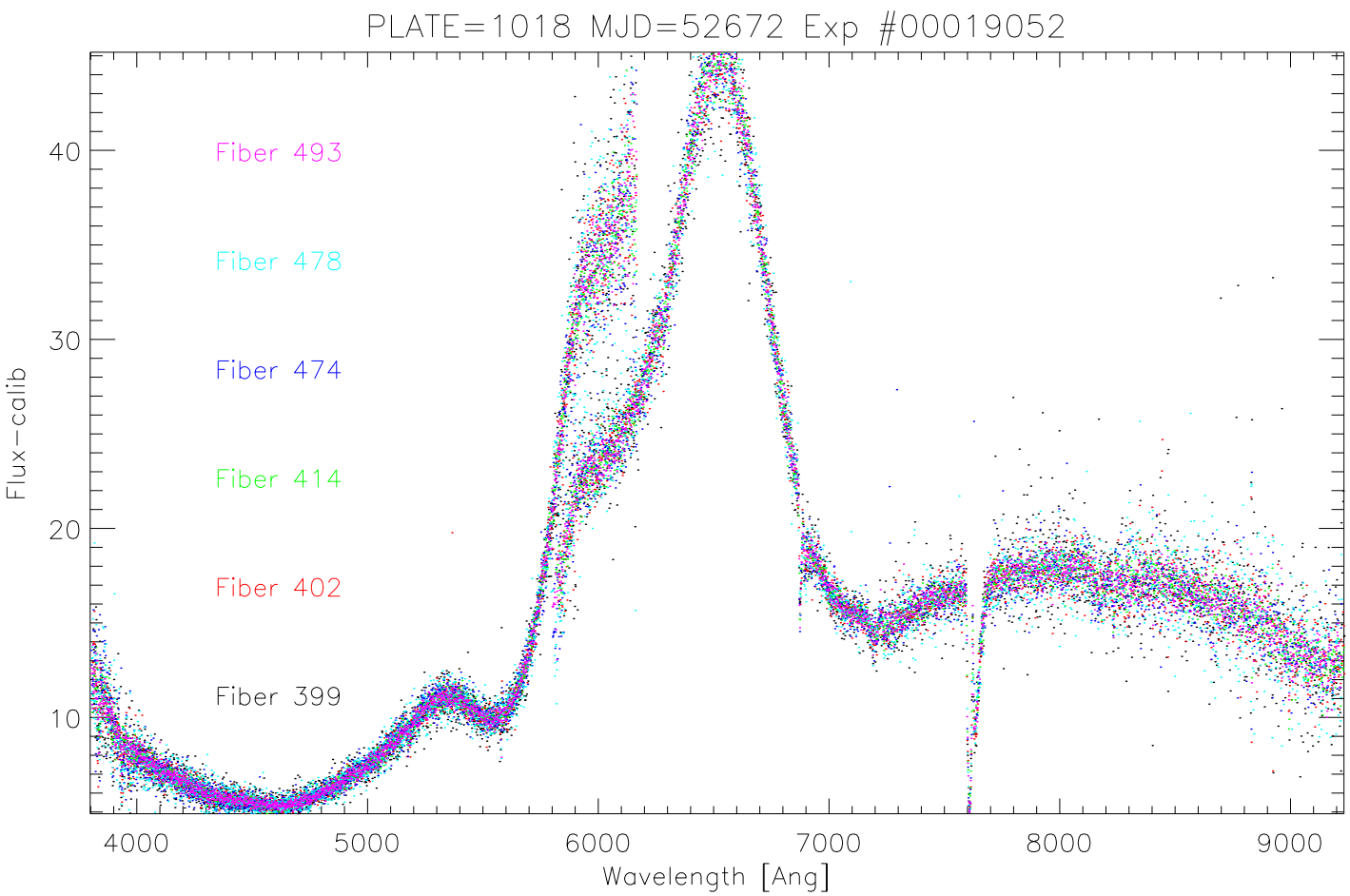

PLATE=1018 MJD=52672 Spectro-Photo Star Fiber 544
am05k2_6000_4.5.spc
Total χ^2/DOF= 0.87
Lines χ^2/DOF= 1.11
Fe/H=-0.5 T_{eff}= 6000. g=4.5 cz= 35.
Normalized Flux
Wavelength [Ang]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
3850
3900
3950
4000
4050
4100

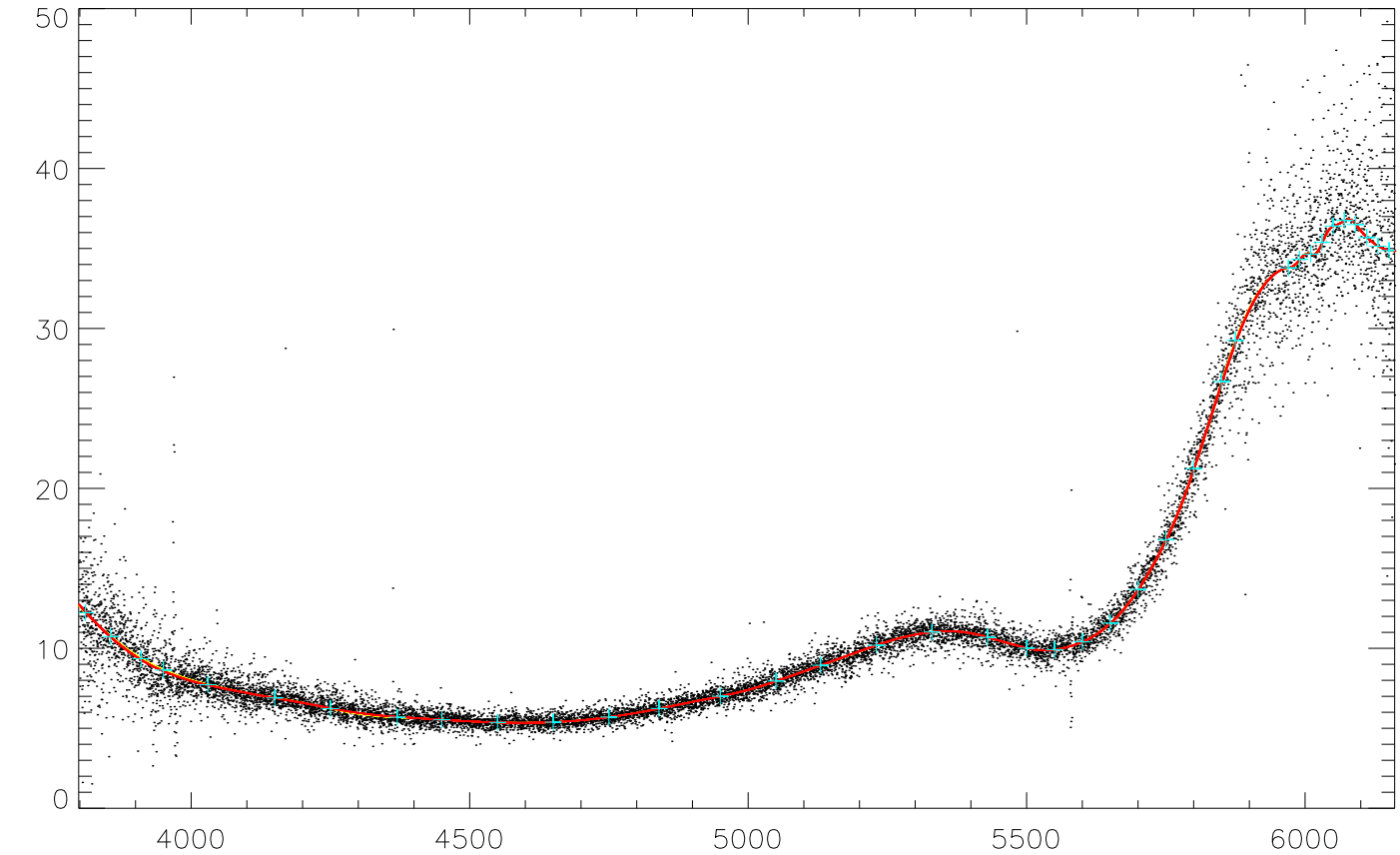

Normalized Flux
Wavelength [Ang]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
8600
8800
9000

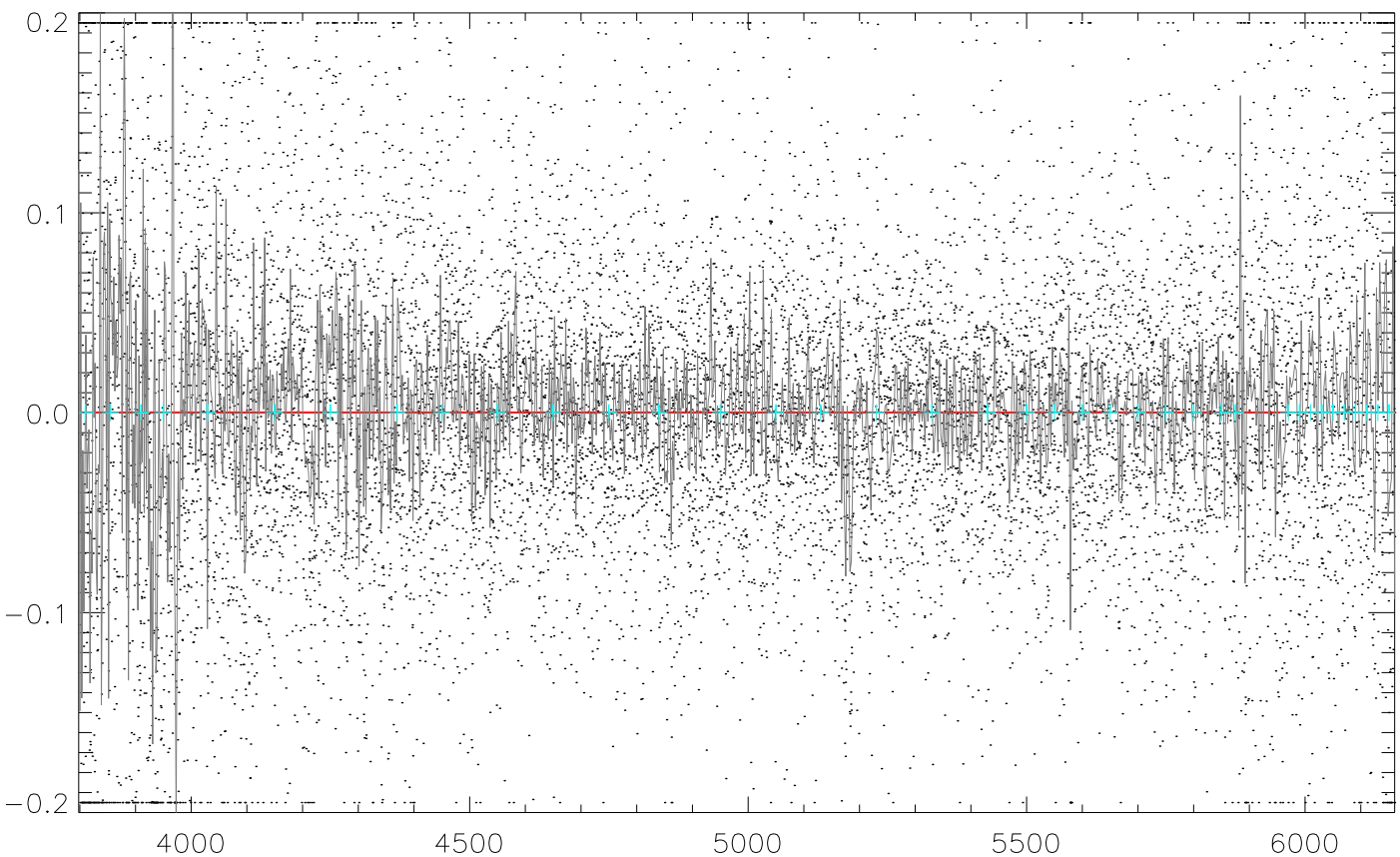

PLATE=1018 MJD=52672 Exp #00018988
Fiber 493
Fiber 478
Fiber 474
Fiber 414
Fiber 402
Fiber 399
Flux−calib
10
20
30
40
4000
5000
6000
7000
8000
9000
Wavelength [Ang]

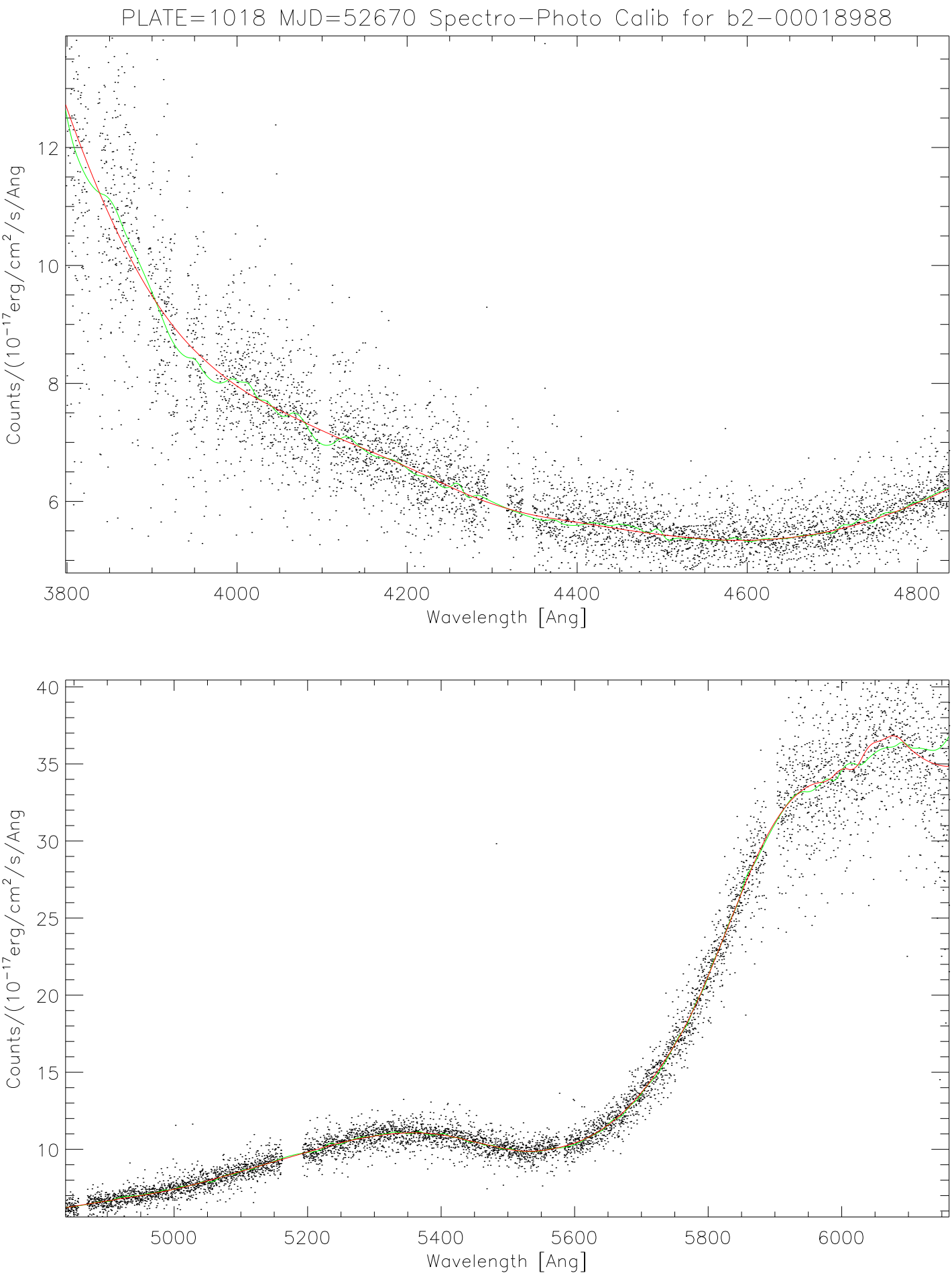

PLATE=1018 MJD=52672 Exp #00018989
Fiber 493
Fiber 478
Fiber 474
Fiber 414
Fiber 402
Fiber 399
Flux−calib
10
20
30
40
4000
5000
6000
7000
8000
9000
Wavelength [Ang]

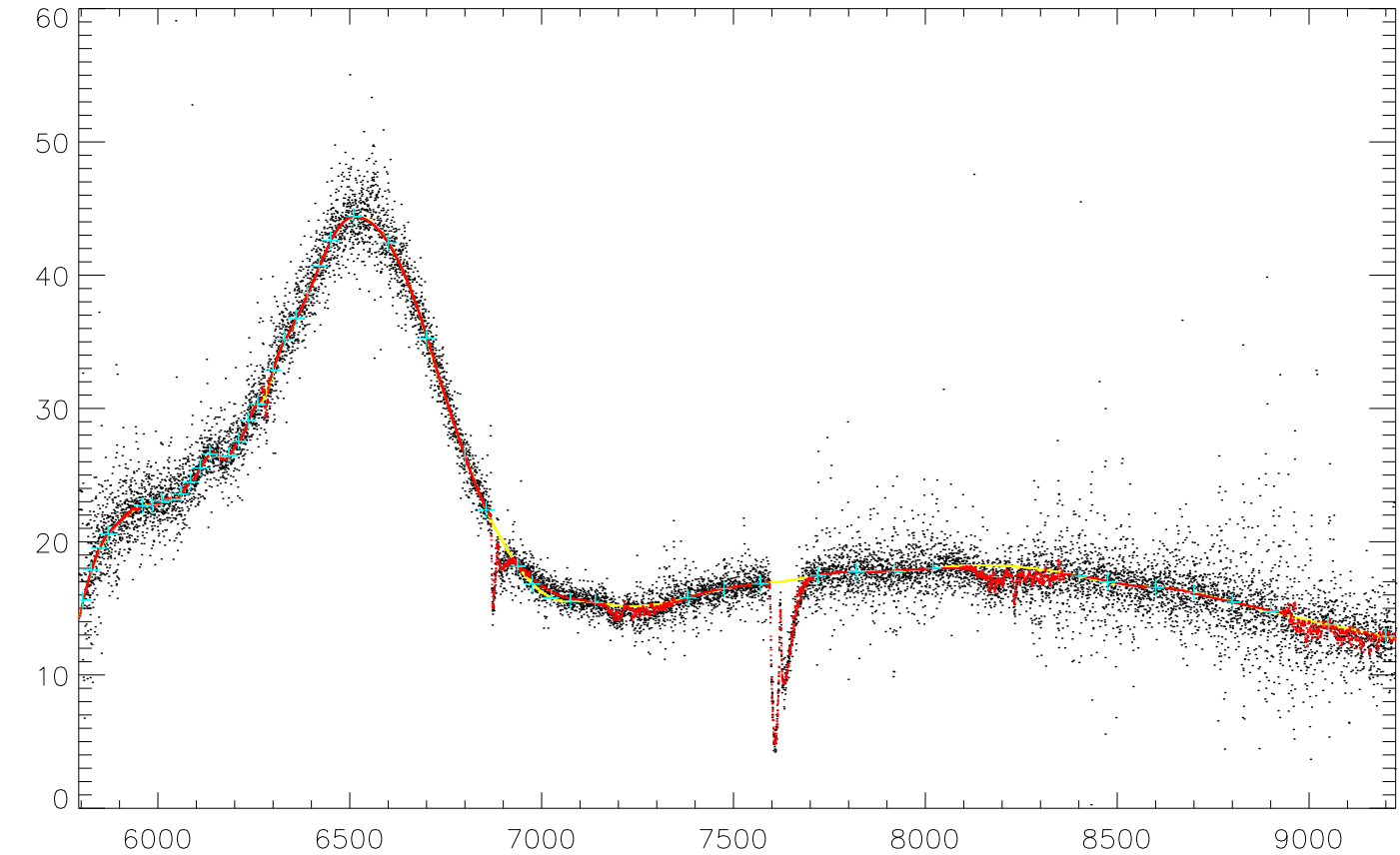

PLATE=1018 MJD=52672 Exp #00018990
Fiber 493
Fiber 478
Fiber 474
Fiber 414
Fiber 402
Fiber 399
Flux−calib
10
20
30
40
4000
5000
6000
7000
8000
9000
Wavelength [Ang]

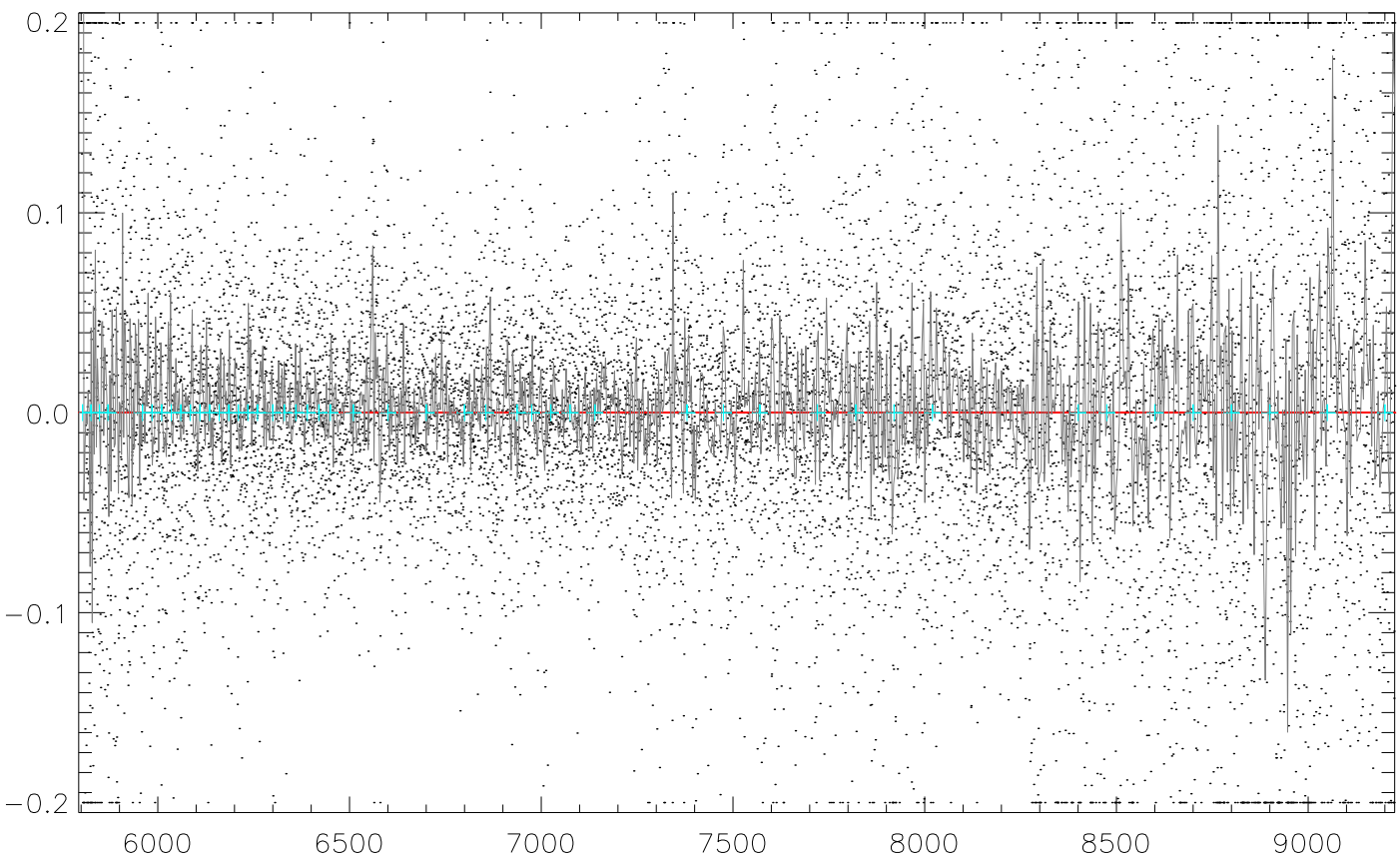

PLATE=1018 MJD=52672 Exp #00019052
Fiber 493
Fiber 478
Fiber 474
Fiber 414
Fiber 402
Fiber 399
Flux−calib
10
20
30
40
4000
5000
6000
7000
8000
9000
Wavelength [Ang]

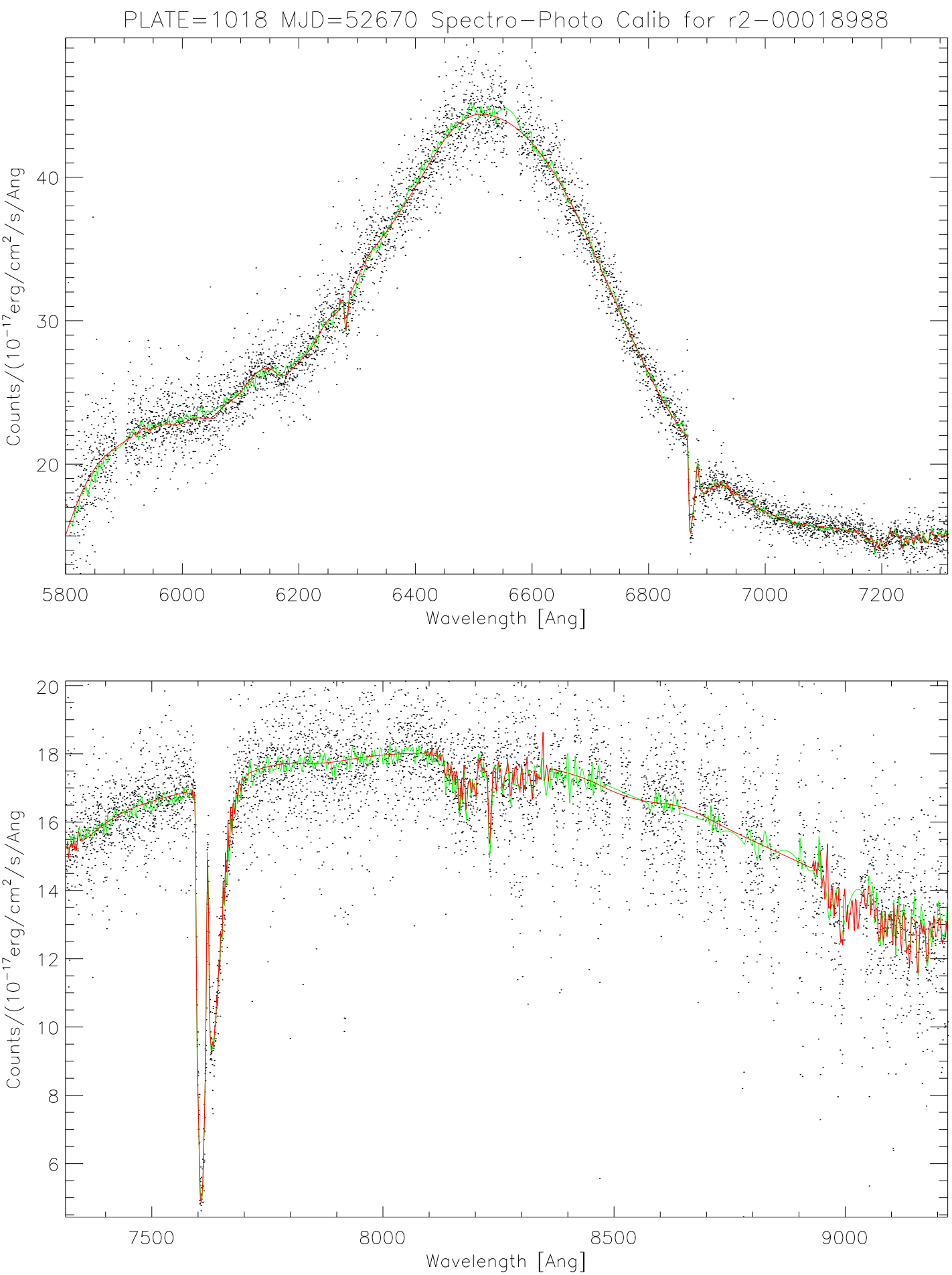

50
40
30
20
10
0
4000
4500
5000
5500
6000

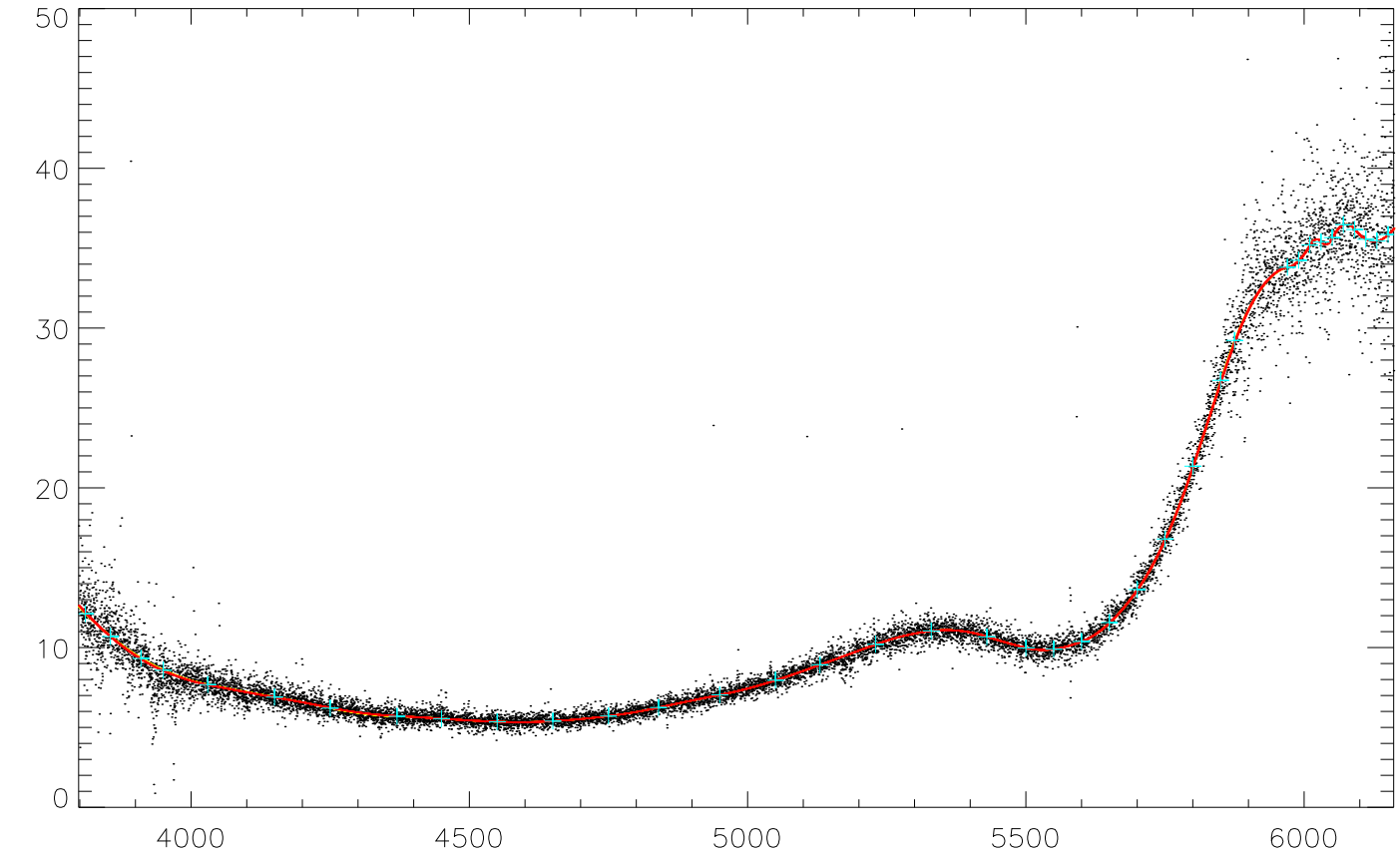

0.2
0.1
0.0
−0.1
−0.2
4000
4500
5000
5500
6000

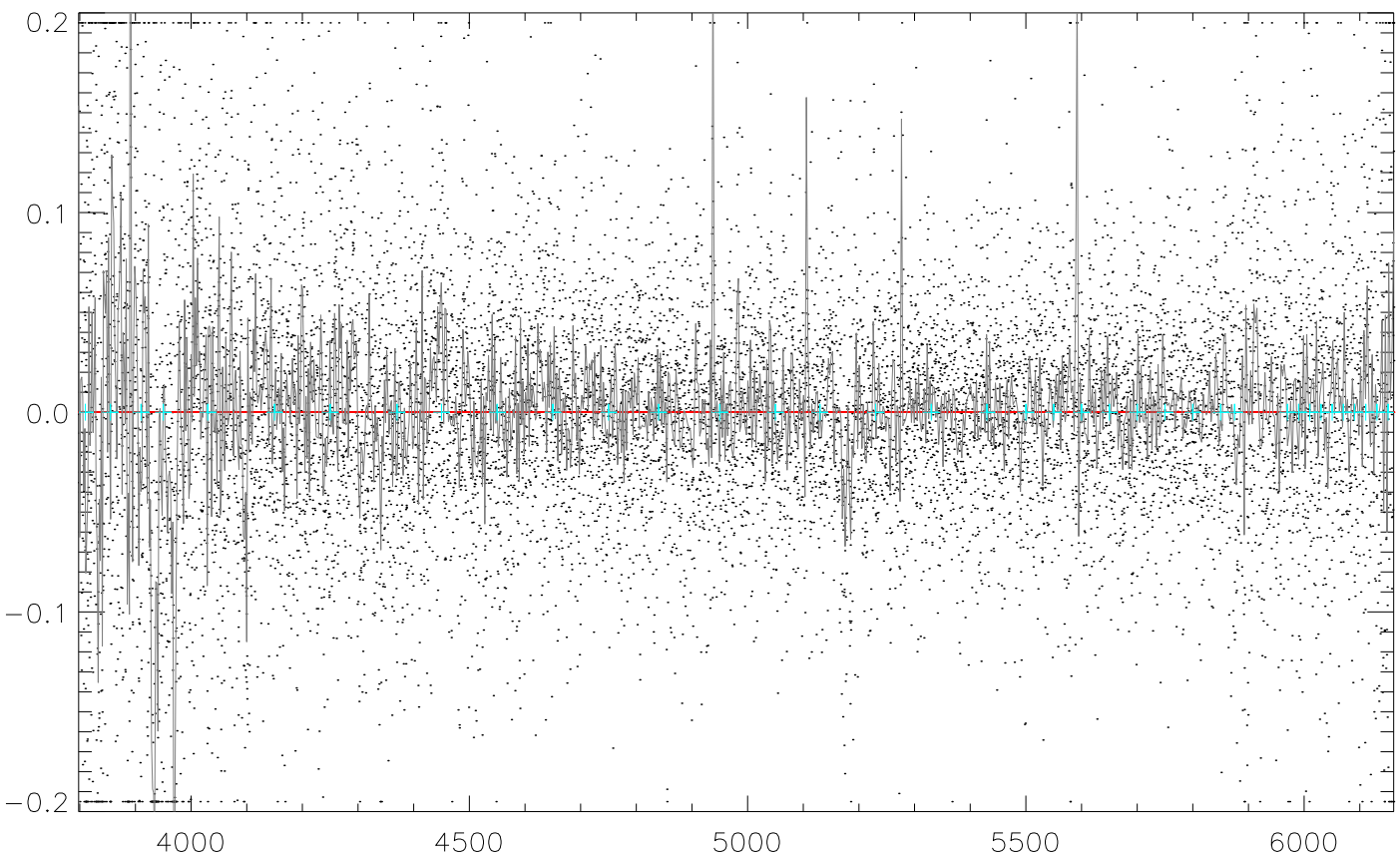

PLATE=1018 MJD=52670 Spectro−Photo Calib for b2−00018988
Counts/(10^-17 erg/cm^2/s/Ang
12
10
8
6
3800
4000
4200
4400
4600
4800
Wavelength [Ang]
Counts/(10^-17 erg/cm^2/s/Ang
40
35
30
25
20
15
10
5000
5200
5400
5600
5800
6000
Wavelength [Ang]

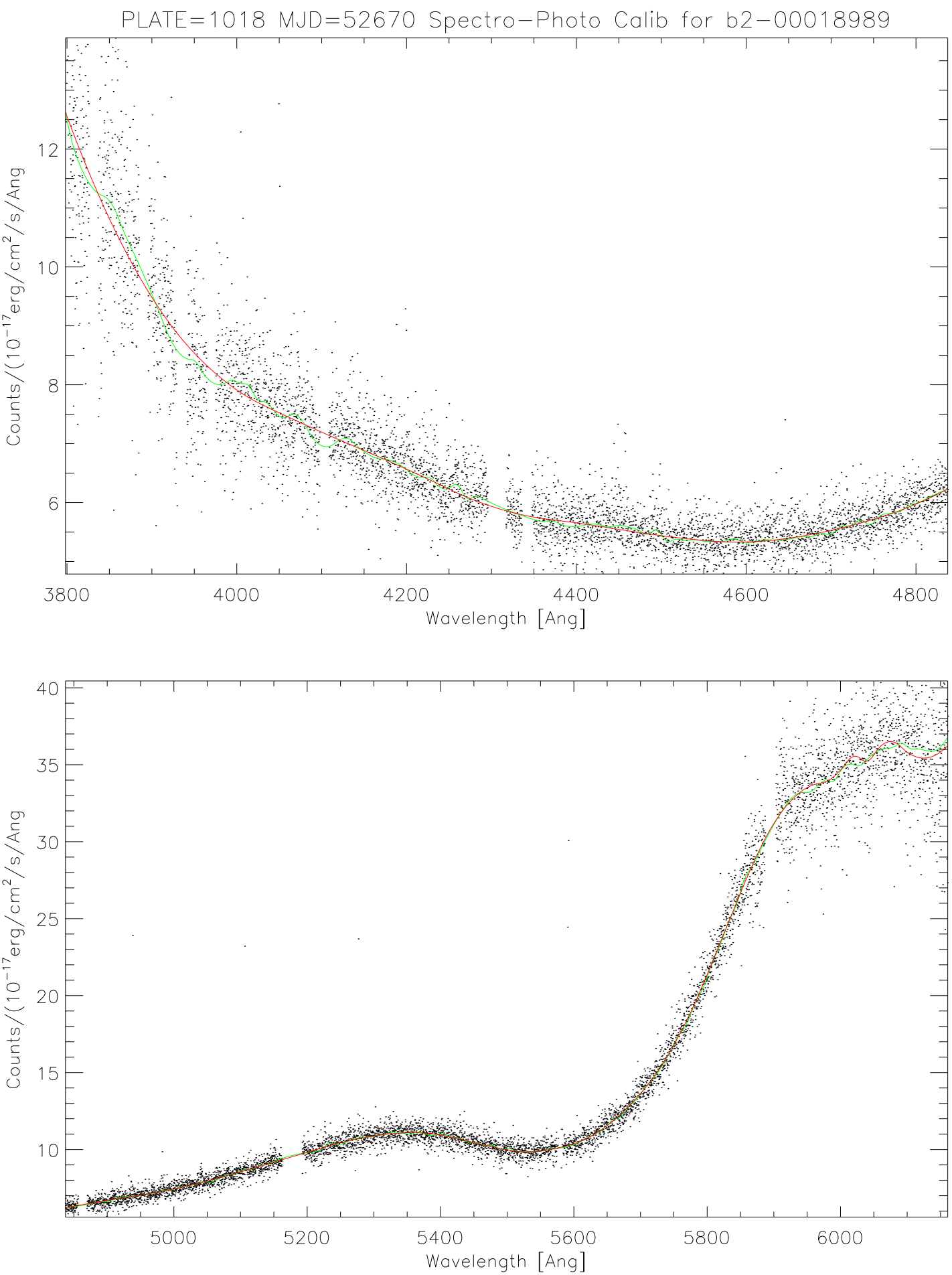

60
50
40
30
20
10
0
6000
6500
7000
7500
8000
8500
9000

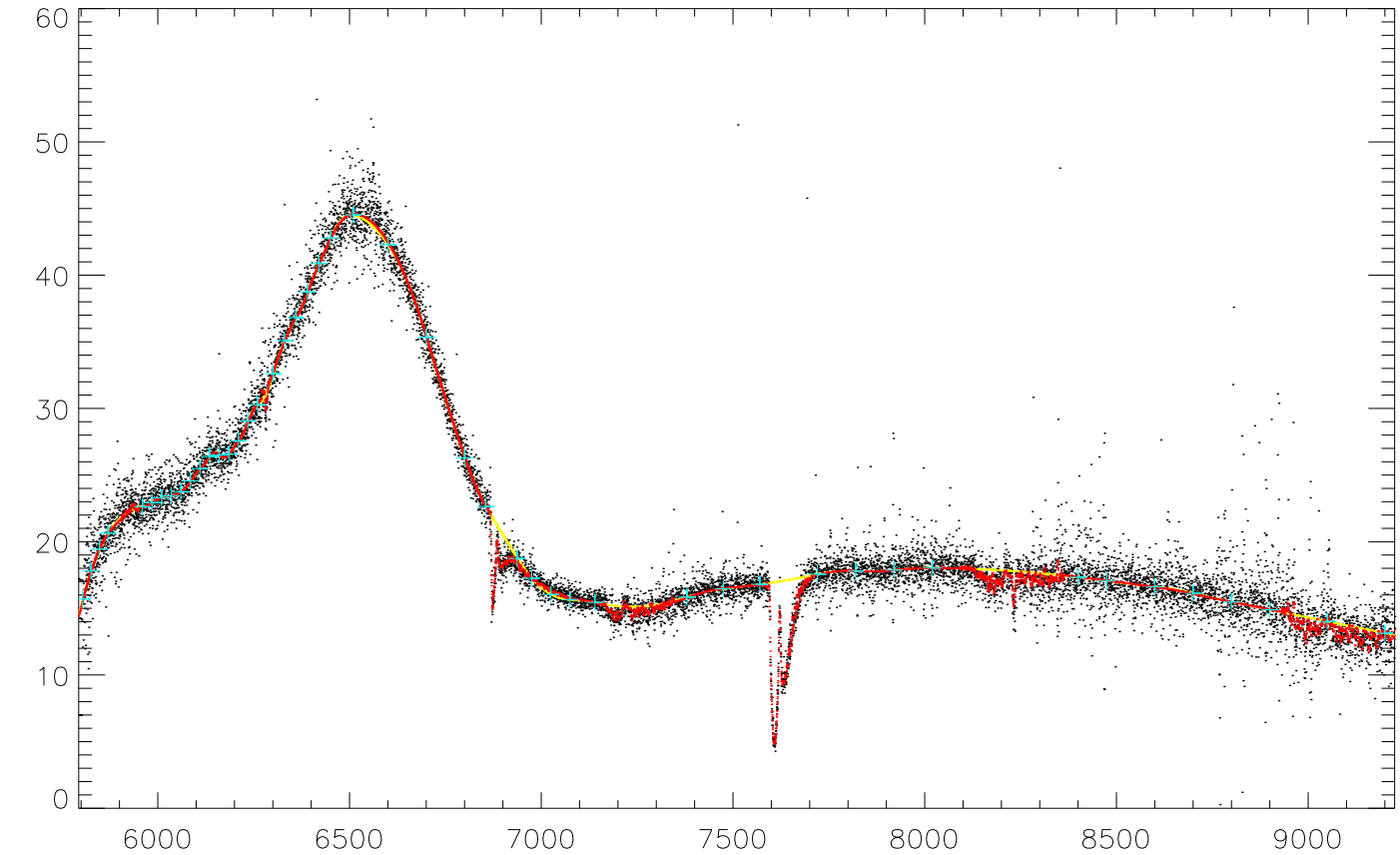

0.2
0.1
0.0
−0.1
−0.2
6000
6500
7000
7500
8000
8500
9000

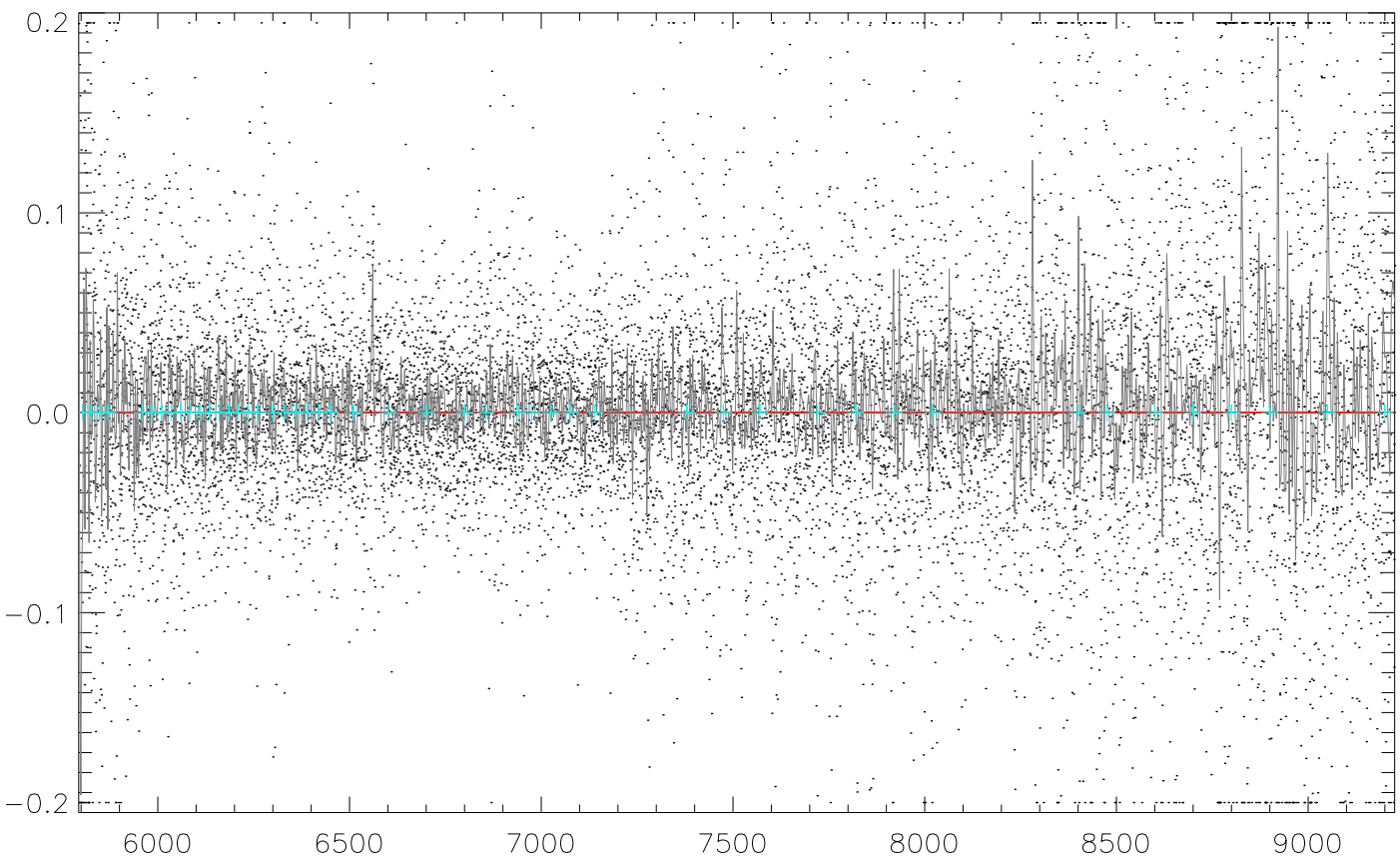

PLATE=1018 MJD=52670 Spectro−Photo Calib for r2−00018988
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
5800
6000
6200
6400
6600
6800
7000
7200
20
30
40
7500
8000
8500
9000
6
8
10
12
14
16
18
20

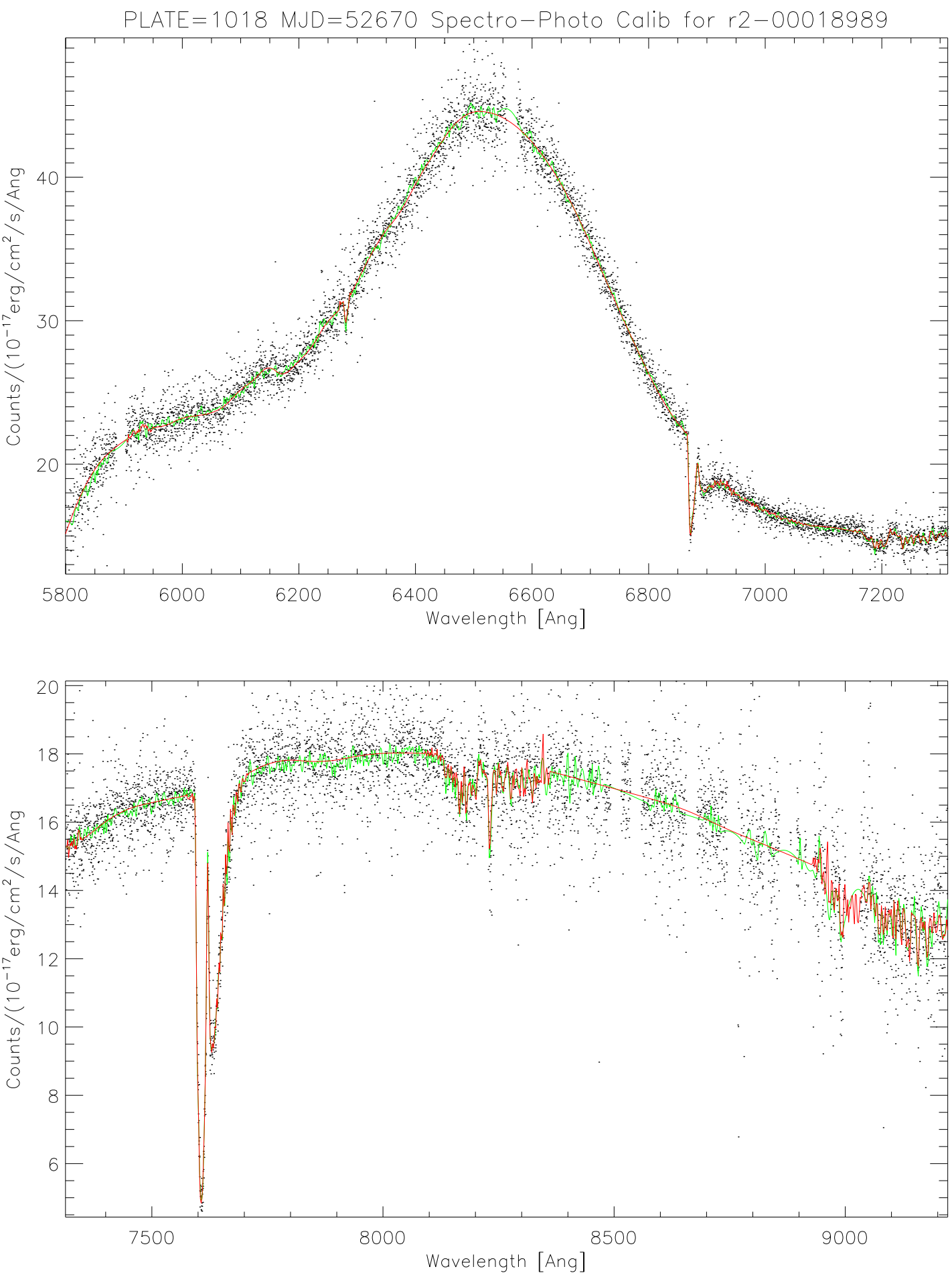

50
40
30
20
10
0
4000
4500
5000
5500
6000


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


PLATE=1018 MJD=52670 Spectro−Photo Calib for b2−00018989
Counts/(10^-17 erg/cm^2/s/Ang
12
10
8
6
3800
4000
4200
4400
4600
4800
Wavelength [Ang]
Counts/(10^-17 erg/cm^2/s/Ang
40
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=1018 MJD=52670 Spectro−Photo Calib for r2−00018989
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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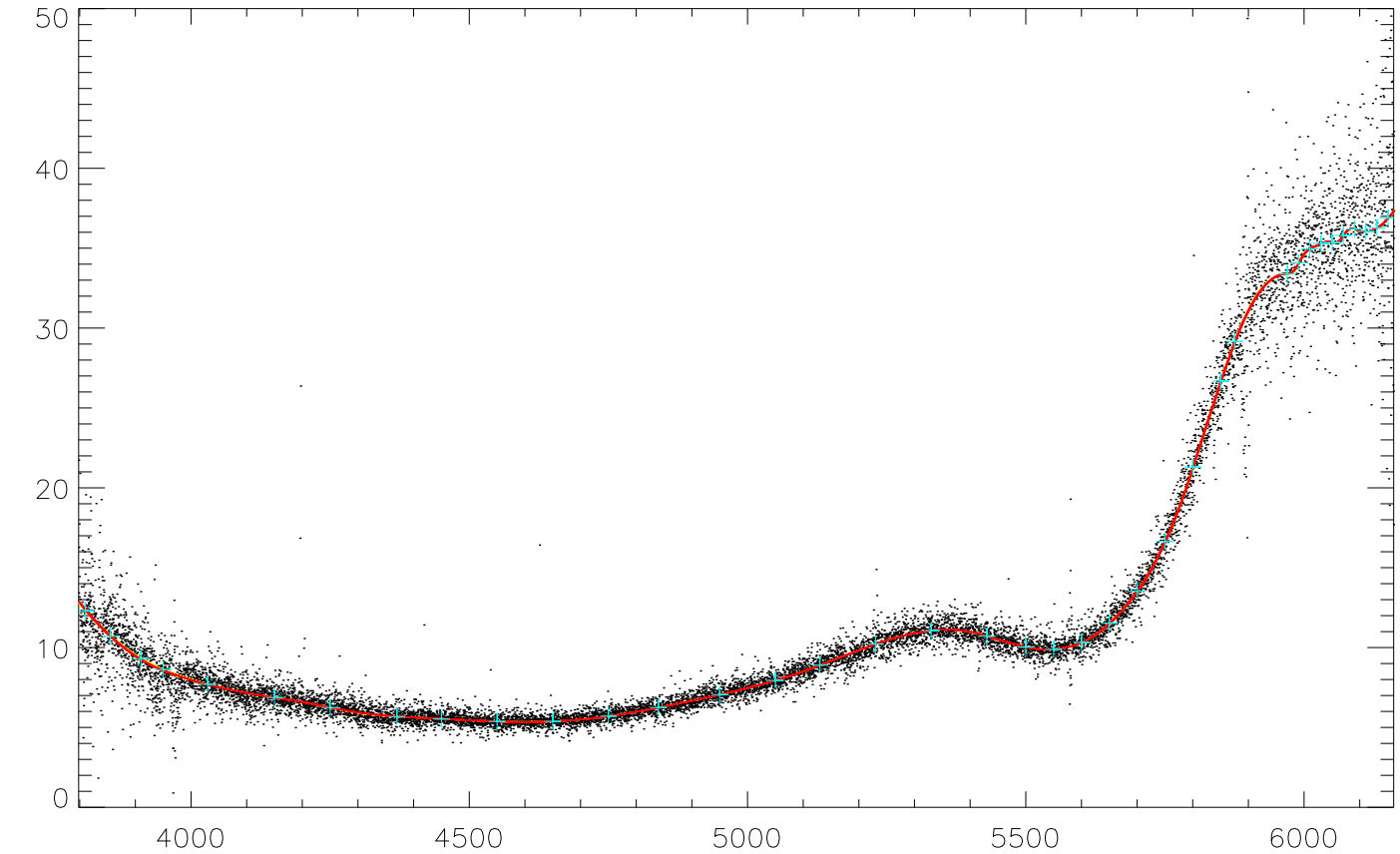
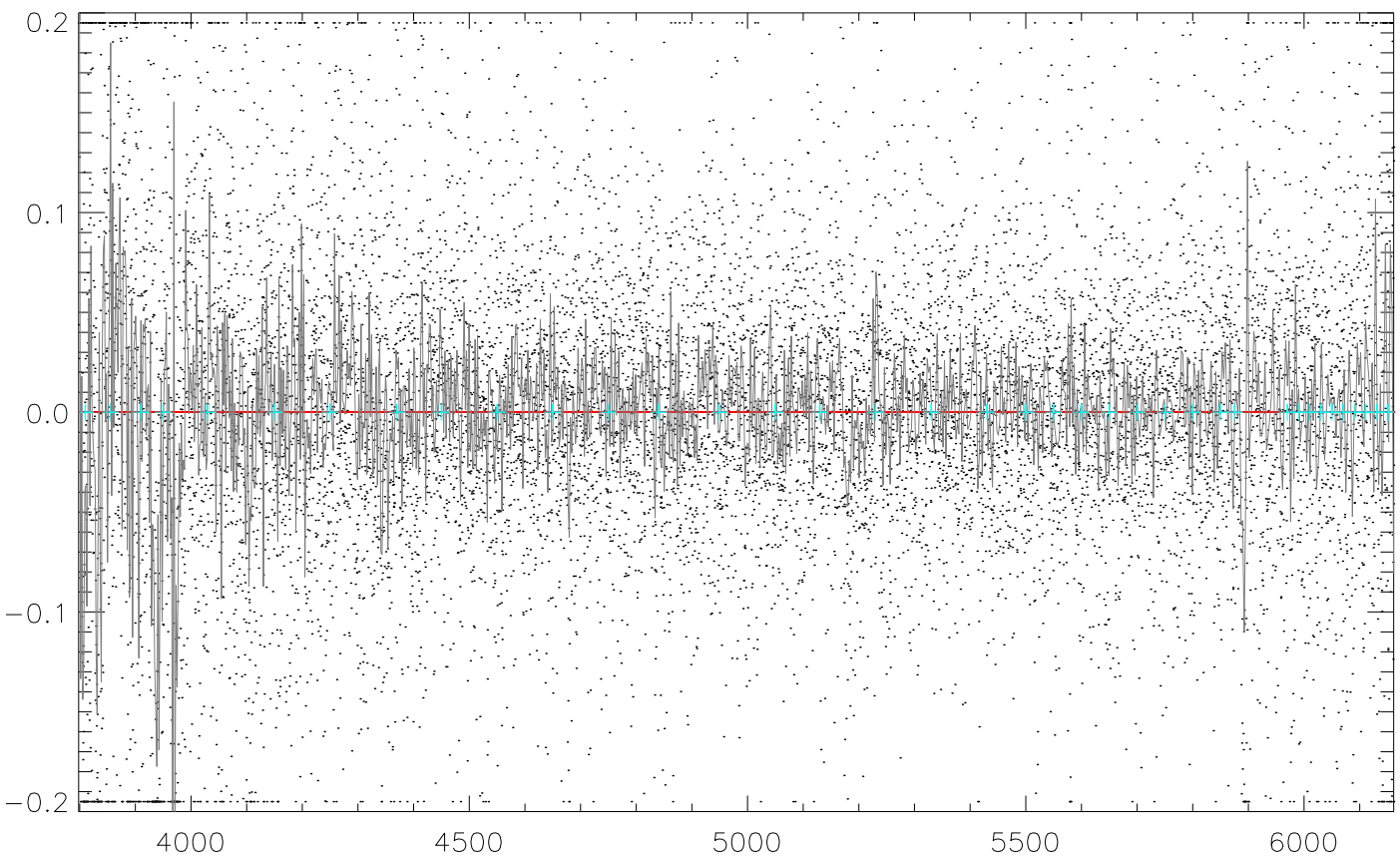
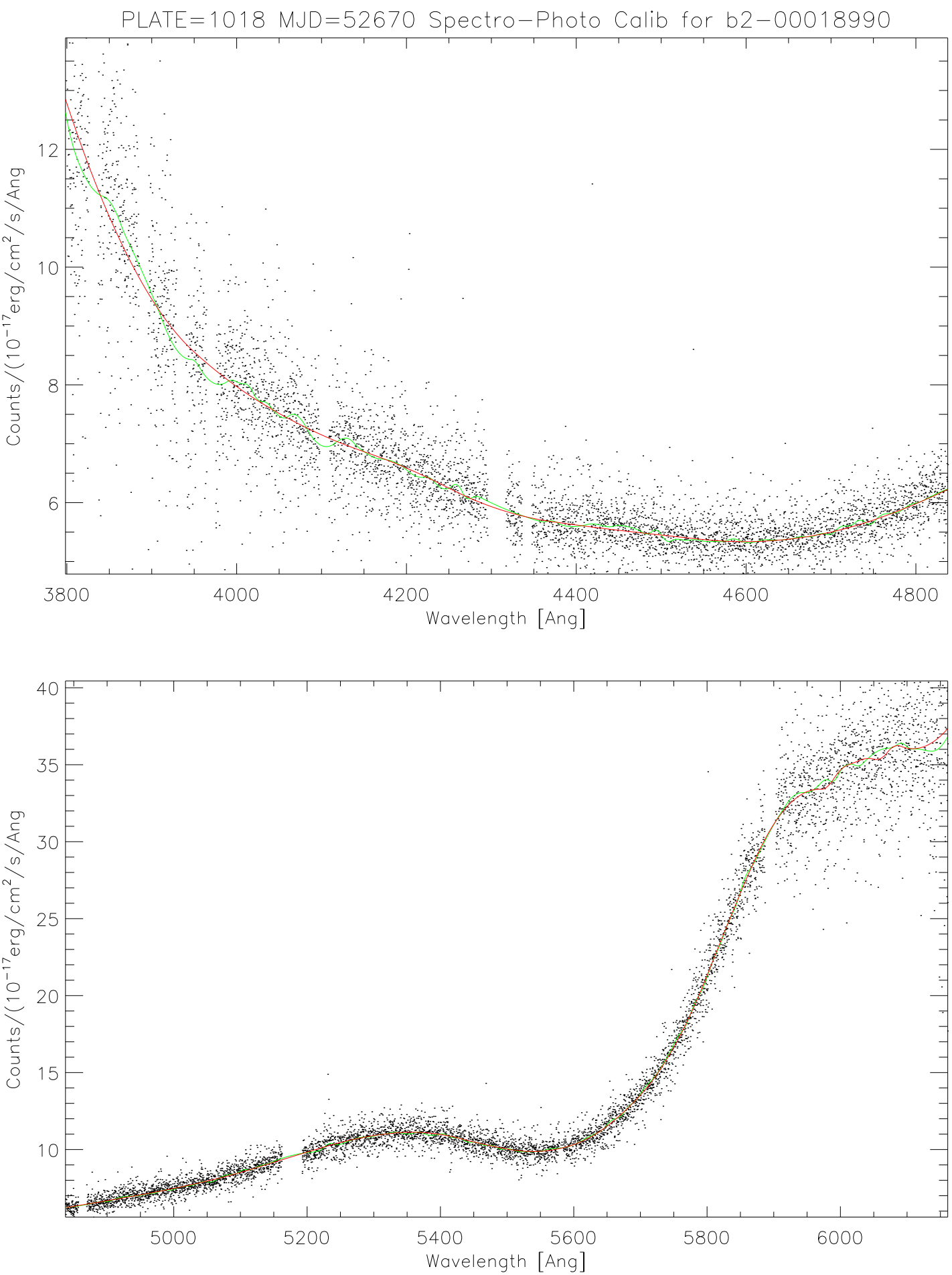
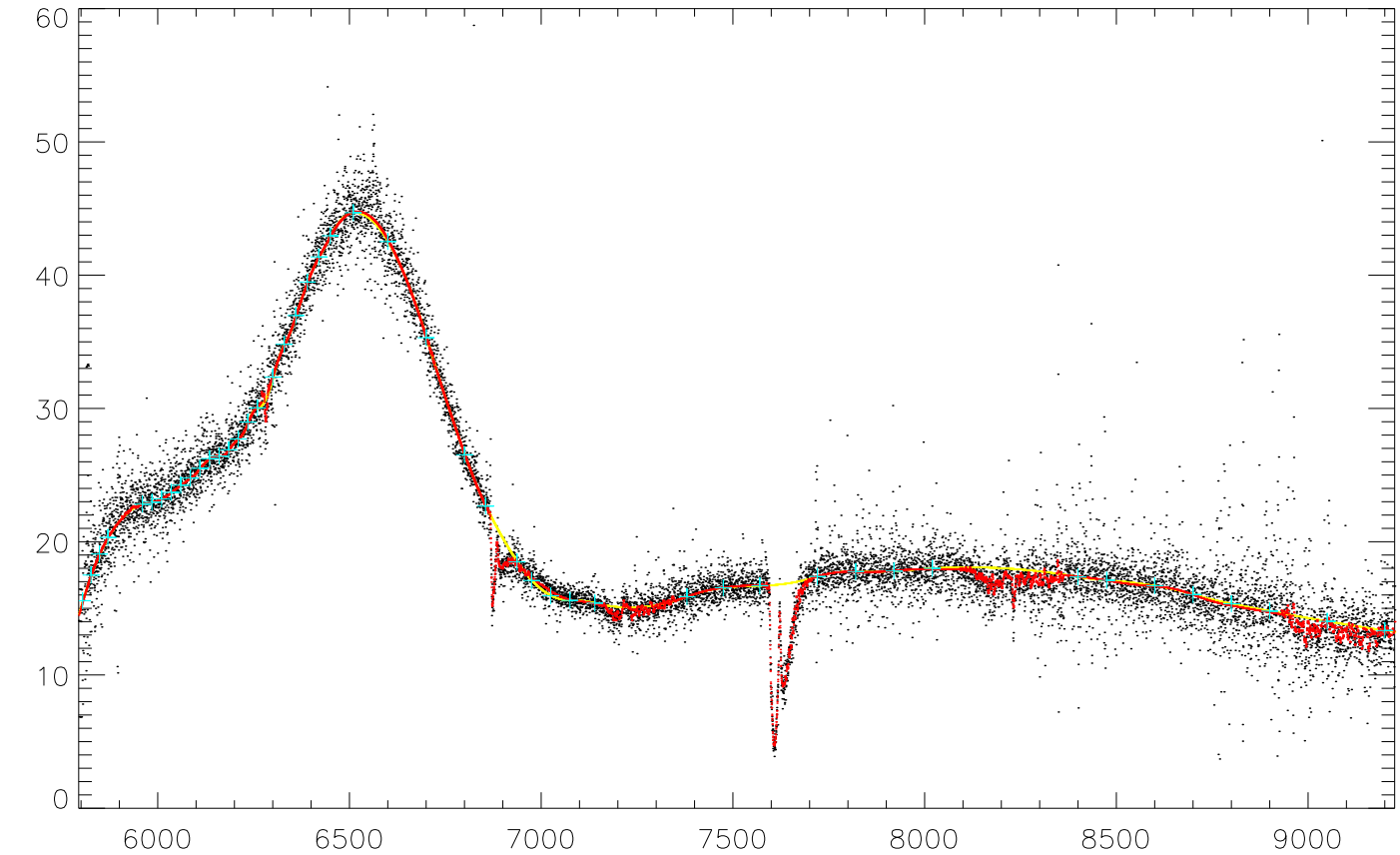
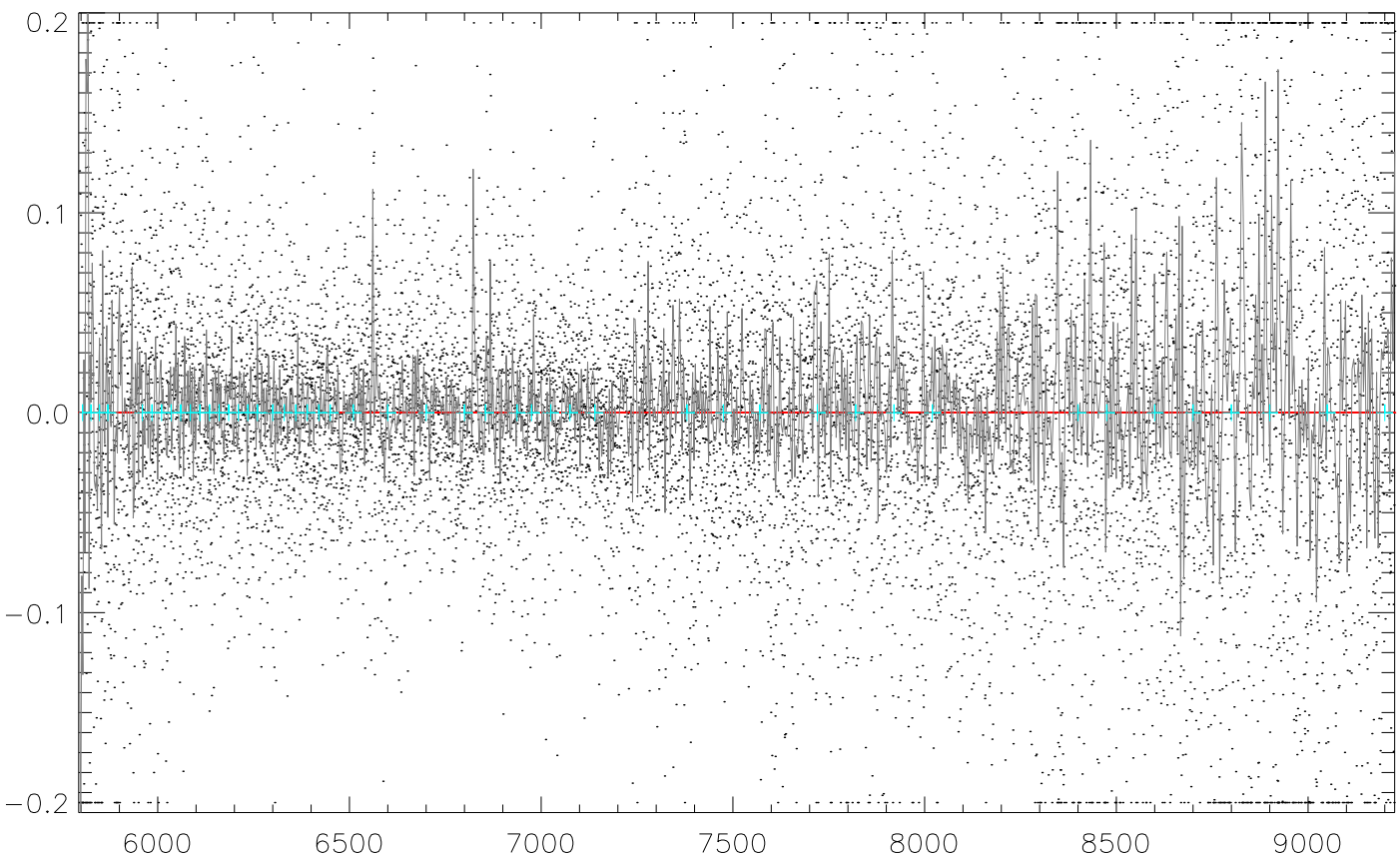
10
12
14
16
18
20

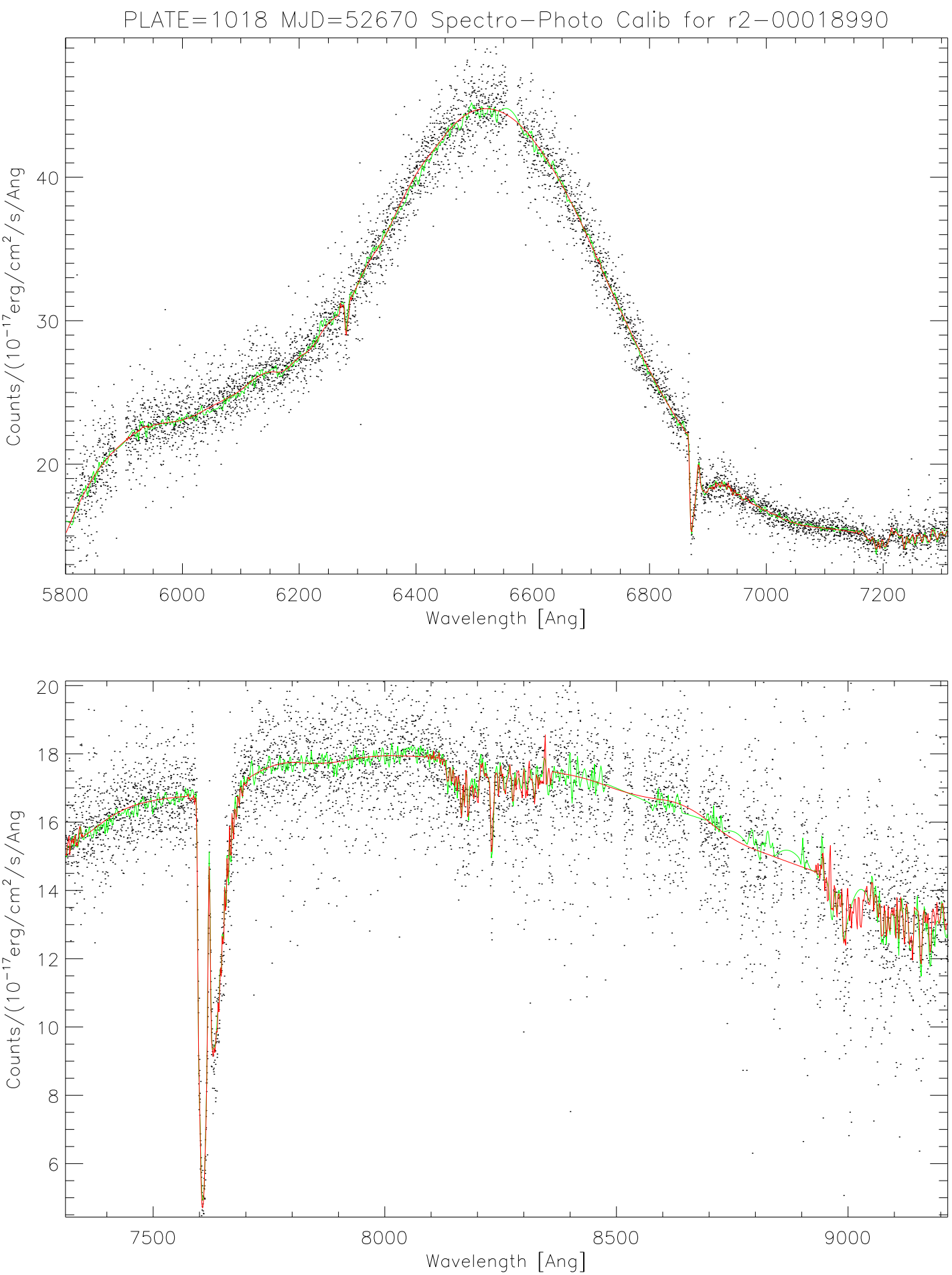

50
40
30
20
10
0
4000
4500
5000
5500
6000


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


PLATE=1018 MJD=52670 Spectro−Photo Calib for b2−00018990
Counts/(10^-17 erg/cm^2/s/Ang
12
10
8
6
3800
4000
4200
4400
4600
4800
Wavelength [Ang]
Counts/(10^-17 erg/cm^2/s/Ang
40
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=1018 MJD=52670 Spectro−Photo Calib for r2−00018990
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
5800
6000
6200
6400
6600
6800
7000
7200
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30
40
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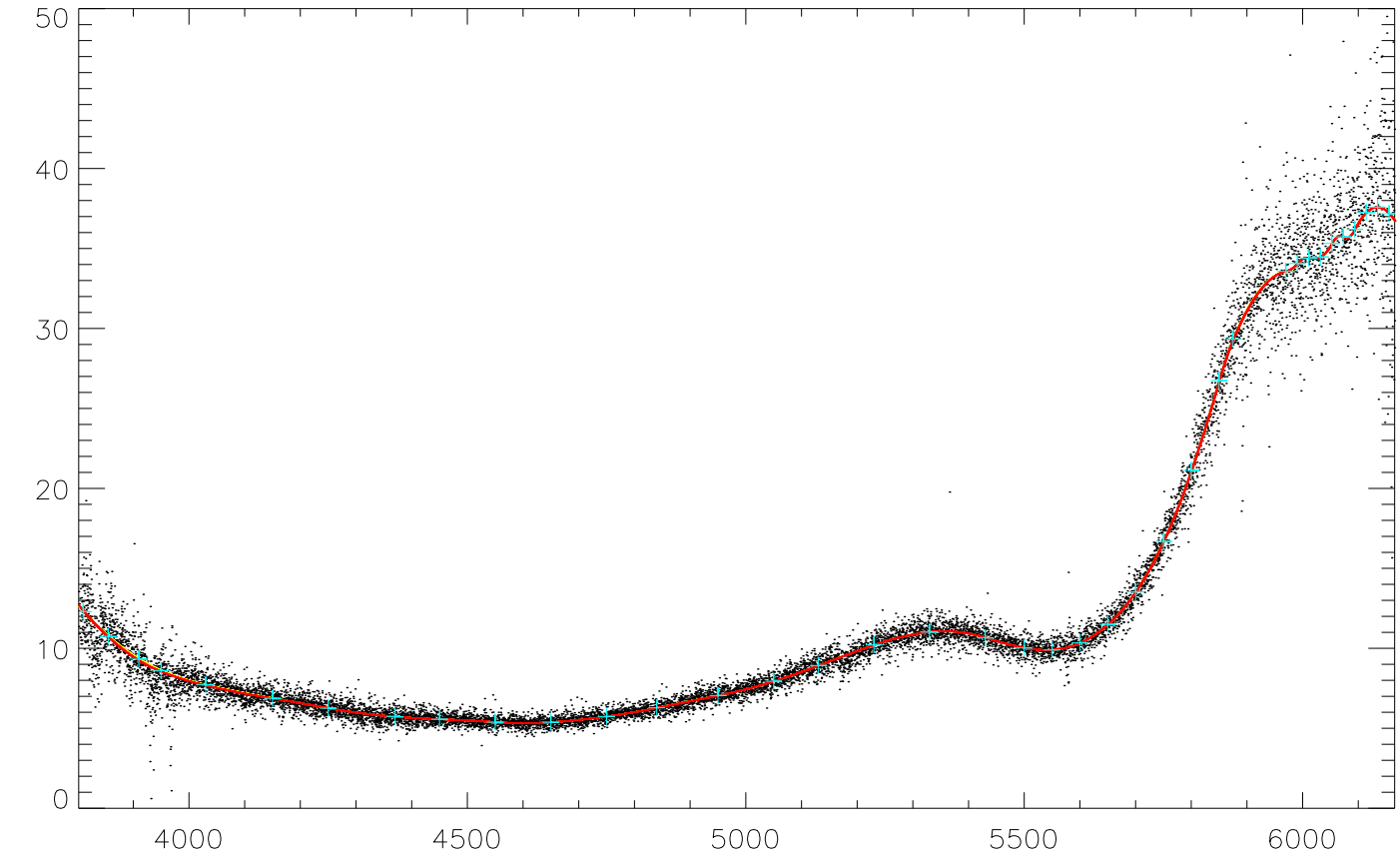
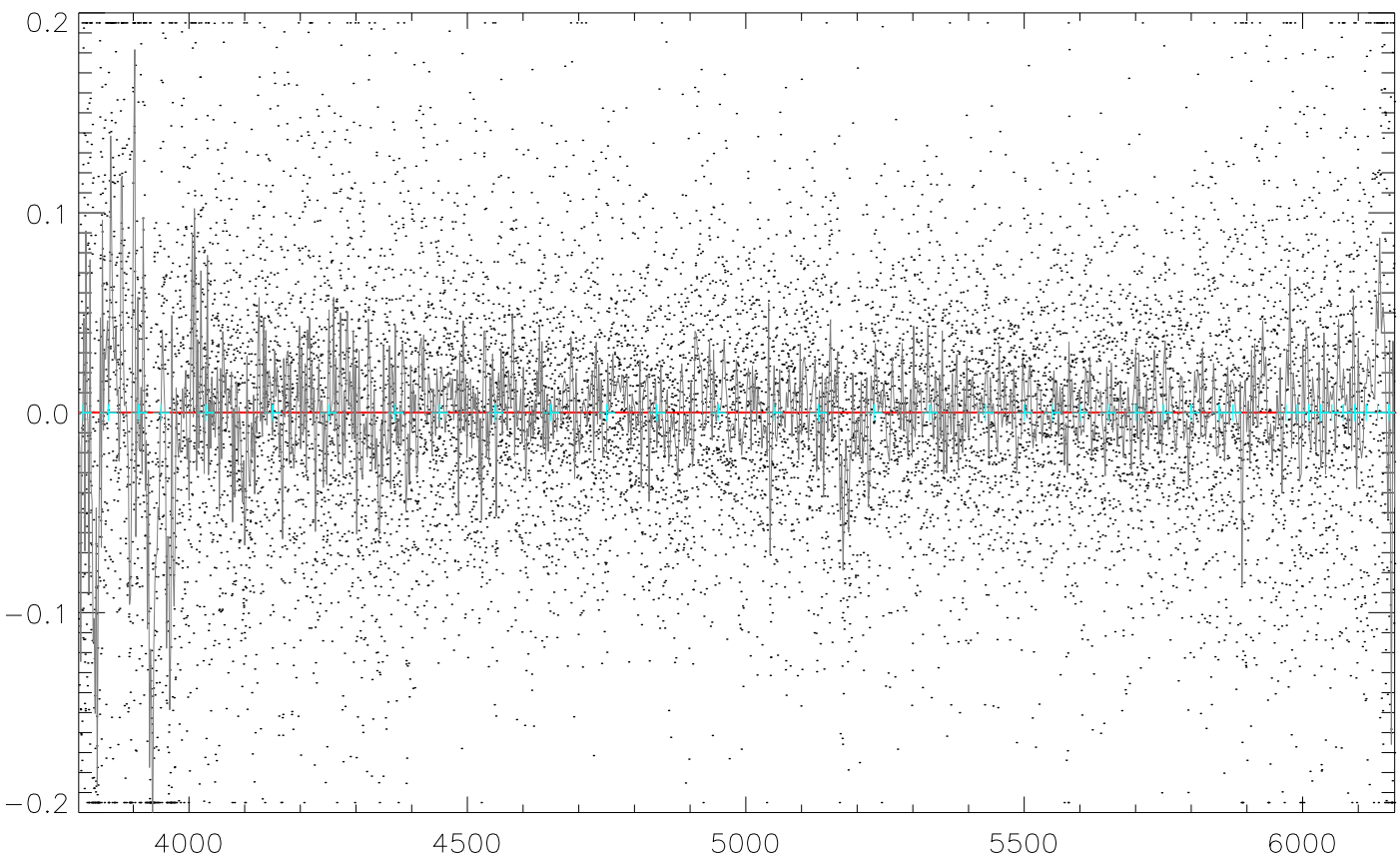
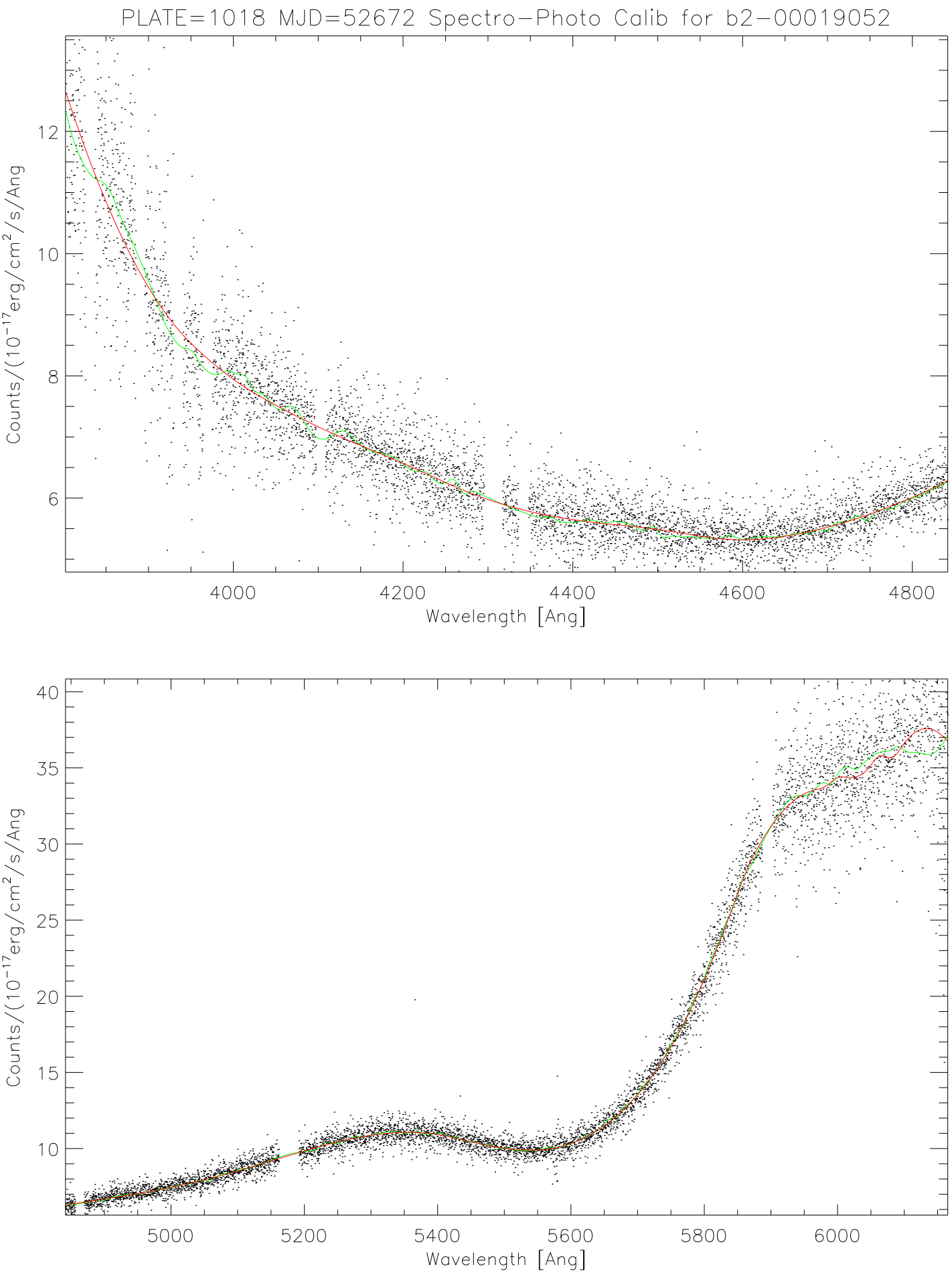
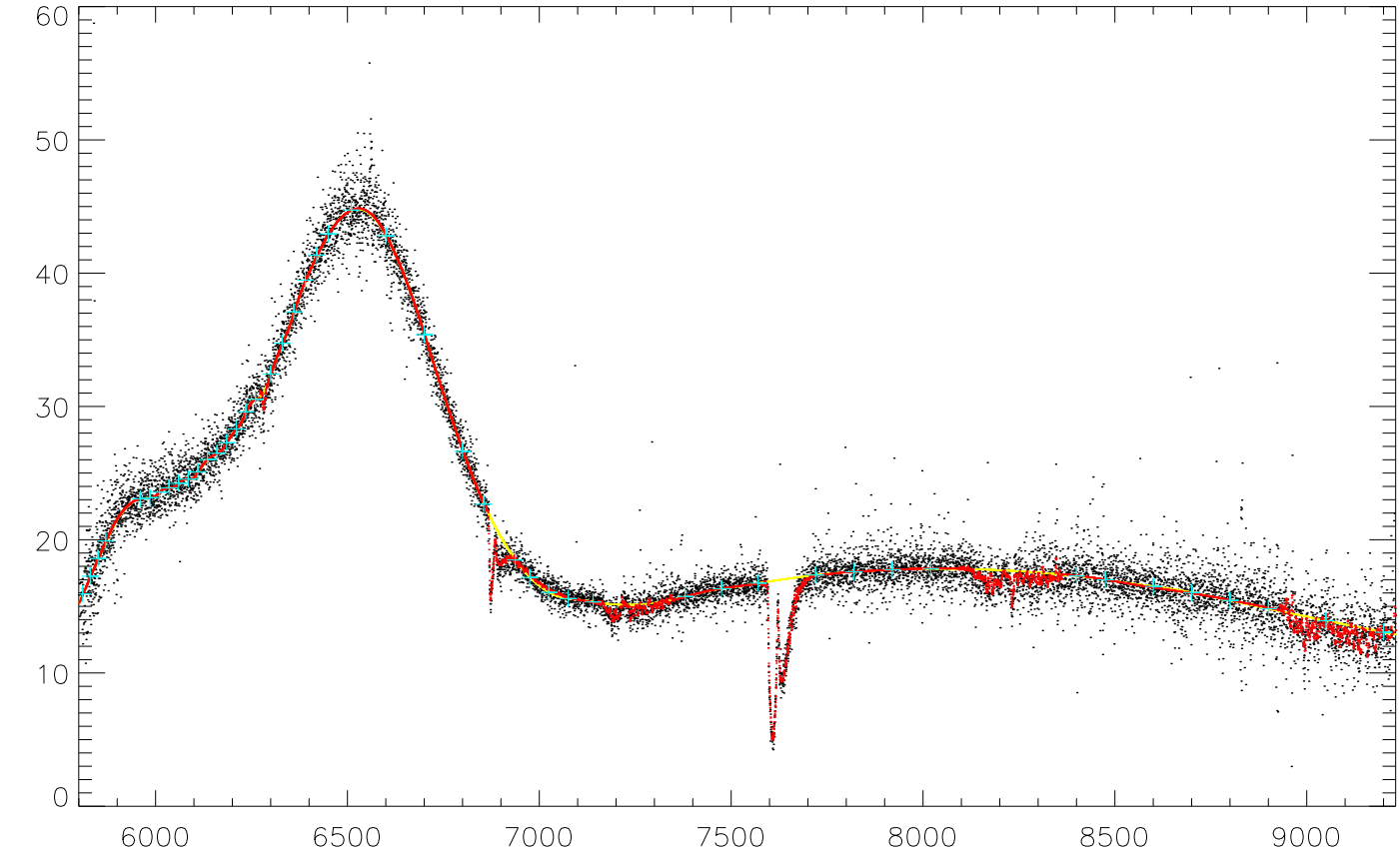
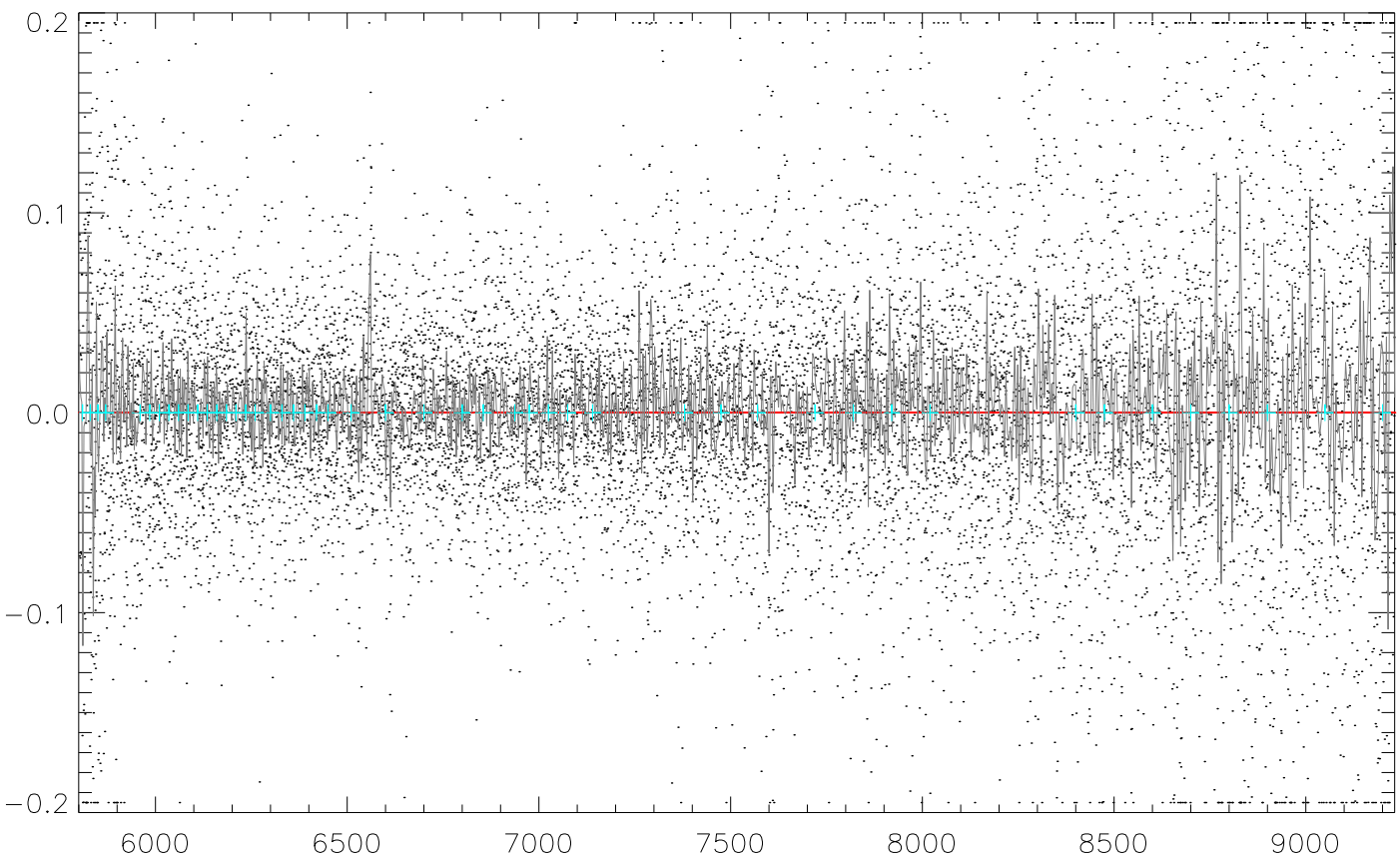
10
12
14
16
18
20

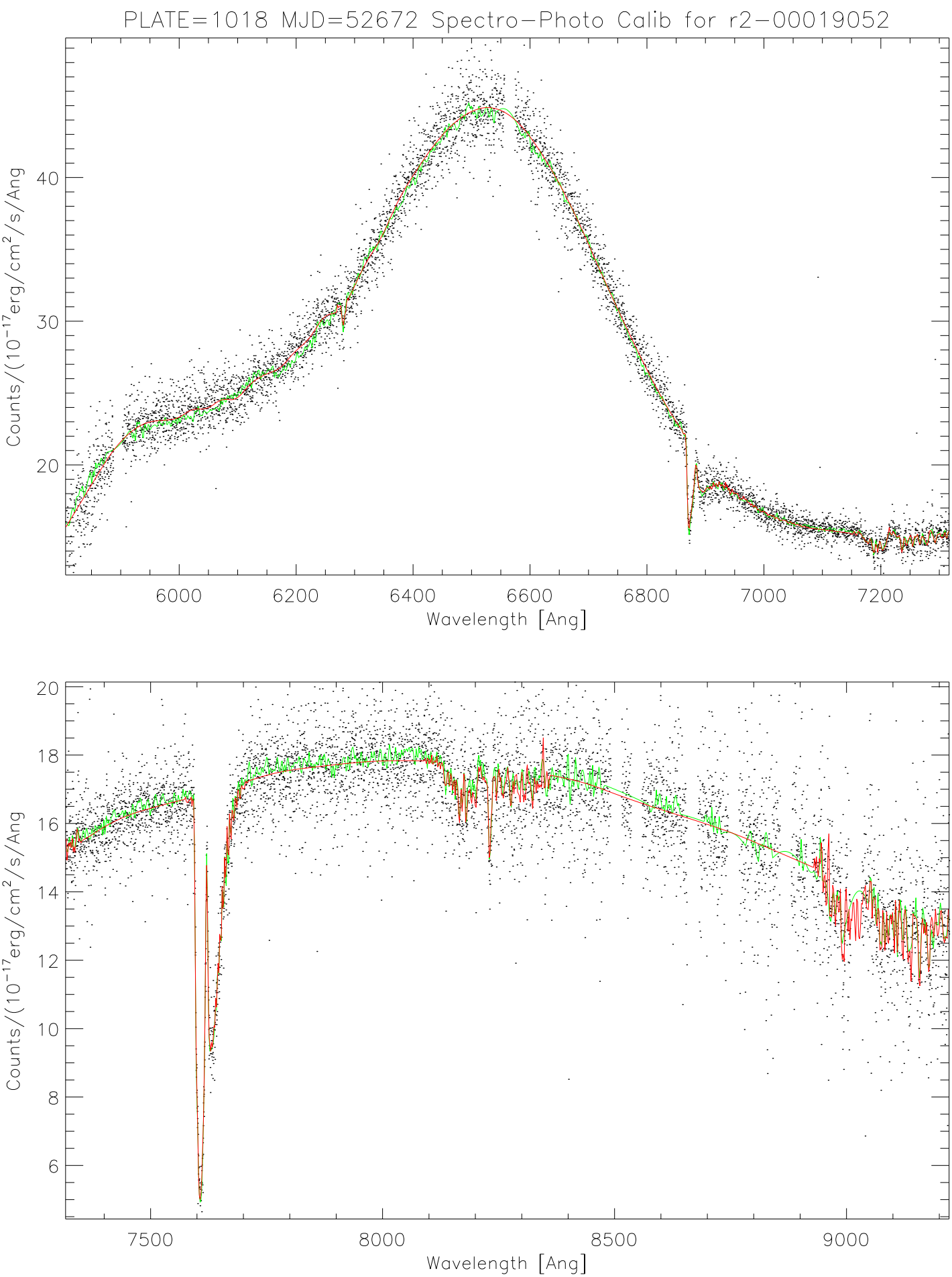

50
40
30
20
10
0
4000
4500
5000
5500
6000


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


PLATE=1018 MJD=52672 Spectro−Photo Calib for b2−00019052
Counts/(10^-17erg/cm^2/s/Ang
12
10
8
6
4000
4200
4400
4600
4800
Wavelength [Ang]
Counts/(10^-17erg/cm^2/s/Ang
40
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=1018 MJD=52672 Spectro−Photo Calib for r2−00019052
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
6000
6200
6400
6600
6800
7000
7200
20
30
40
7500
8000
8500
9000
6
8
10
12
14
16
18
20