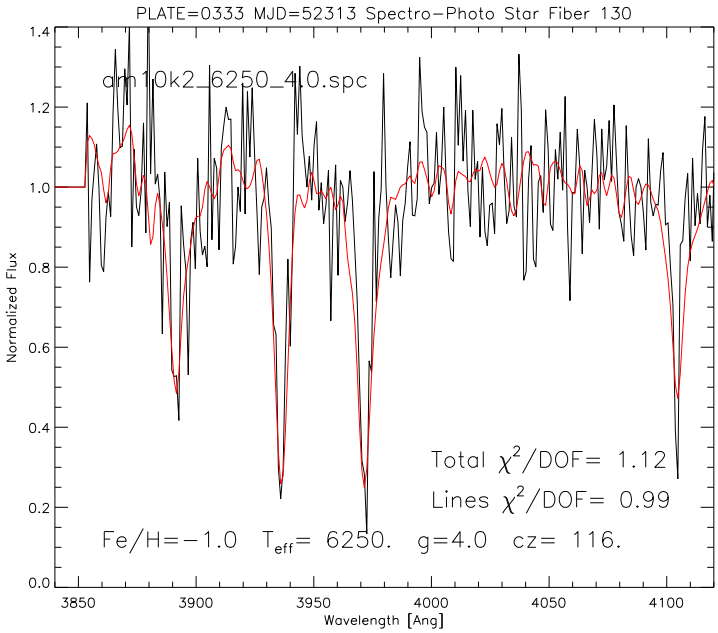
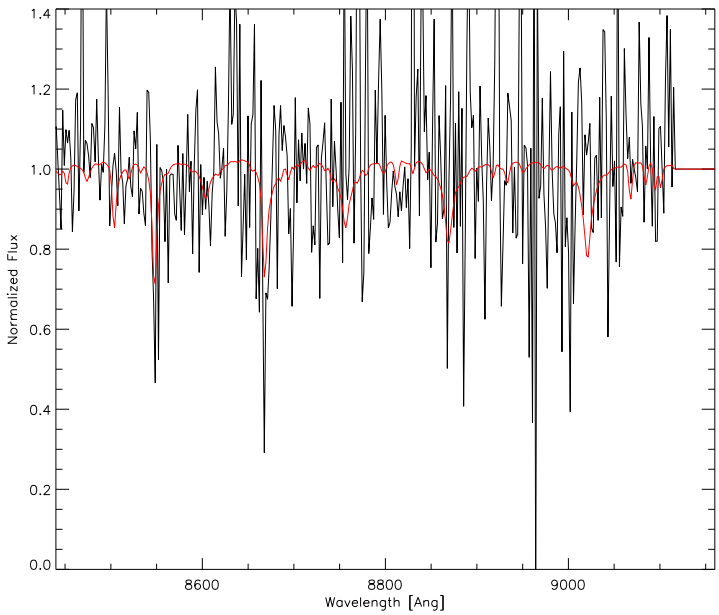
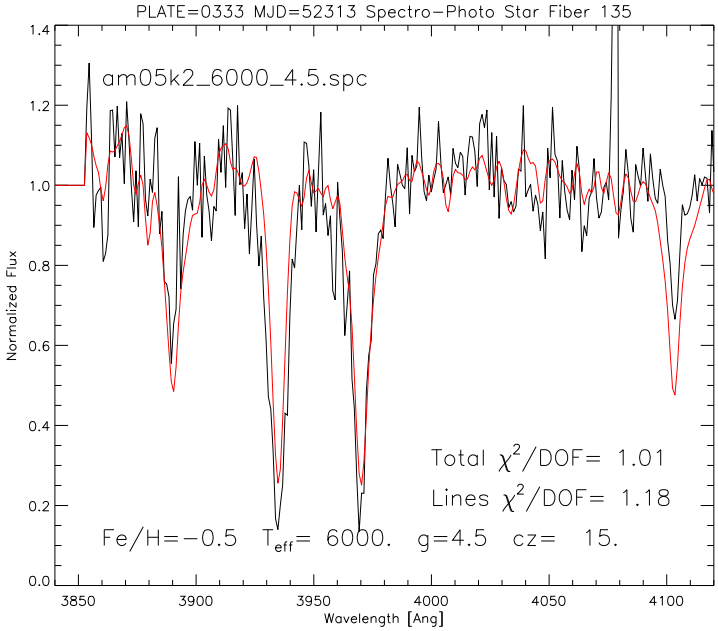
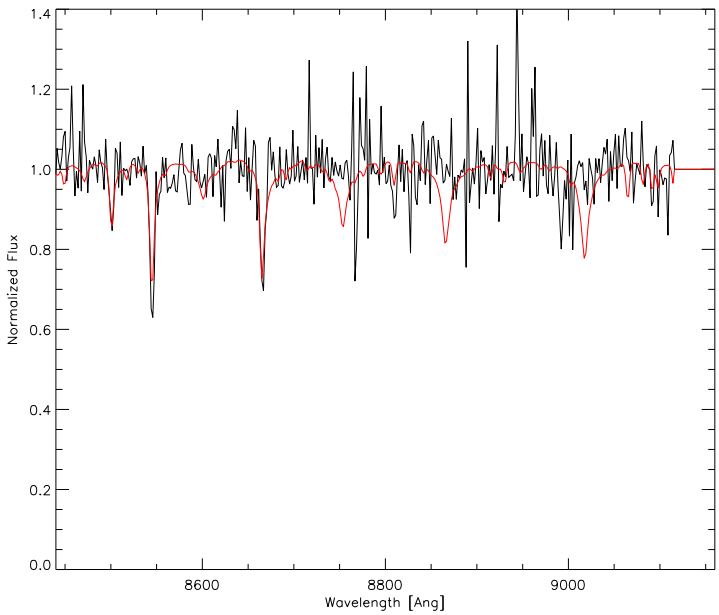
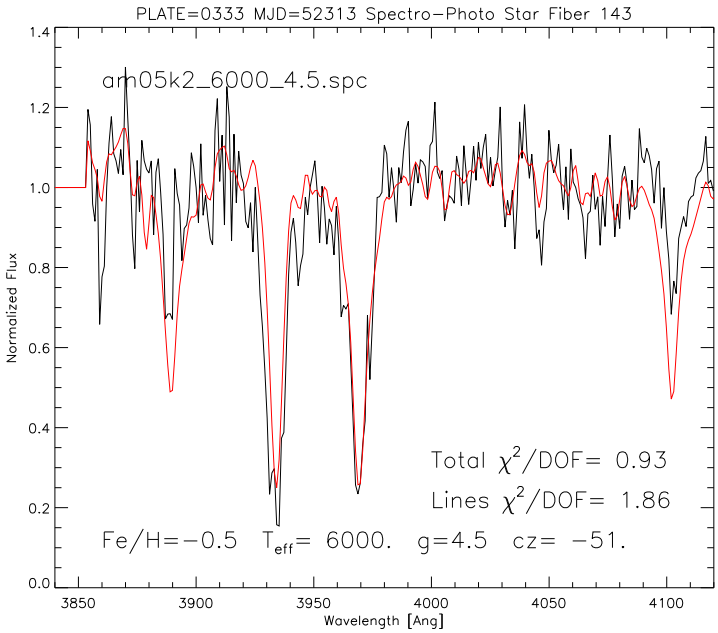
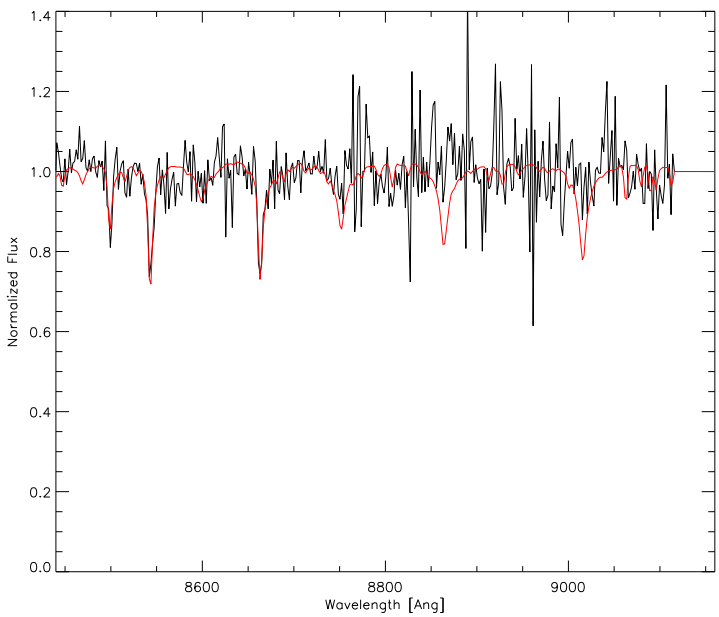

PLATE=0333 MJD=52313 Spectro-Photo Star Fiber 130
am10k2_6250_4.0.spc
Total χ^2/DOF= 1.12
Lines χ^2/DOF= 0.99
Fe/H=−1.0 T_{eff}= 6250. g=4.0 cz= 116.
Normalized Flux
Wavelength [Ang]

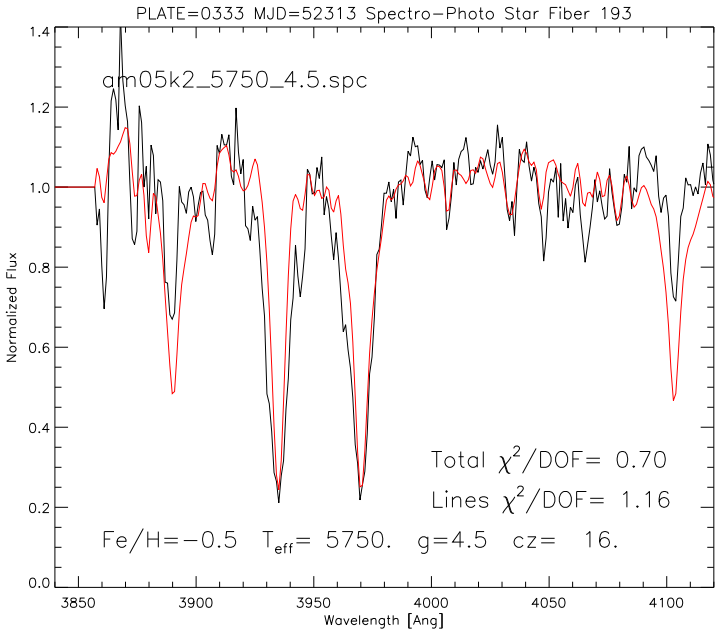

Normalized Flux
Wavelength [Ang]

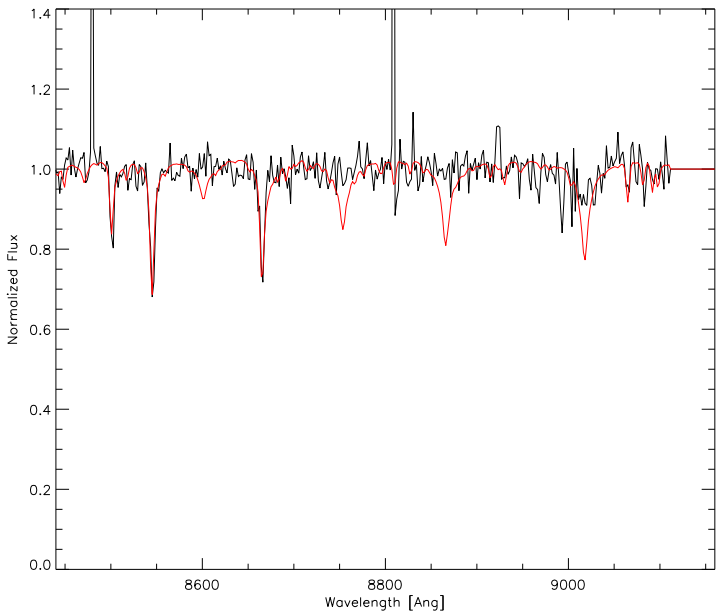

PLATE=0333 MJD=52313 Spectro-Photo Star Fiber 135
am05k2_6000_4.5.spc
Total χ^2/DOF= 1.01
Lines χ^2/DOF= 1.18
Fe/H=−0.5 T_{eff}= 6000. g=4.5 cz= 15.
Normalized Flux
Wavelength [Ang]

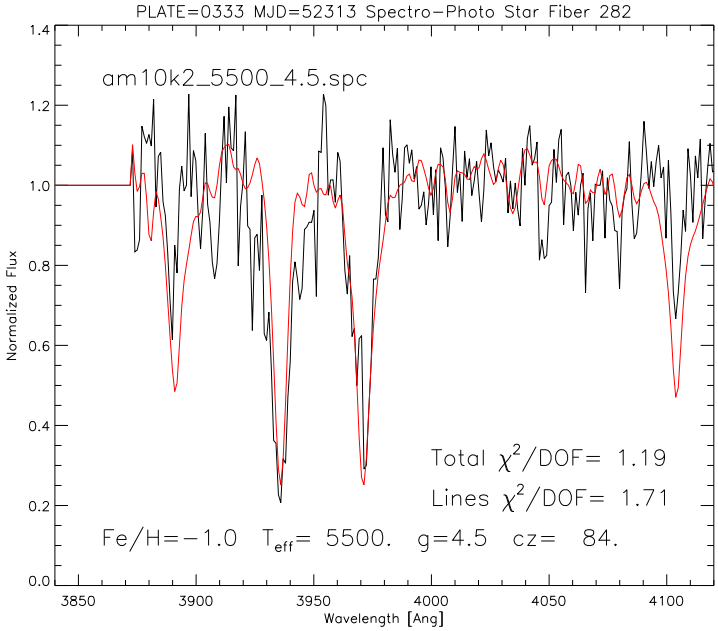

Normalized Flux
Wavelength [Ang]

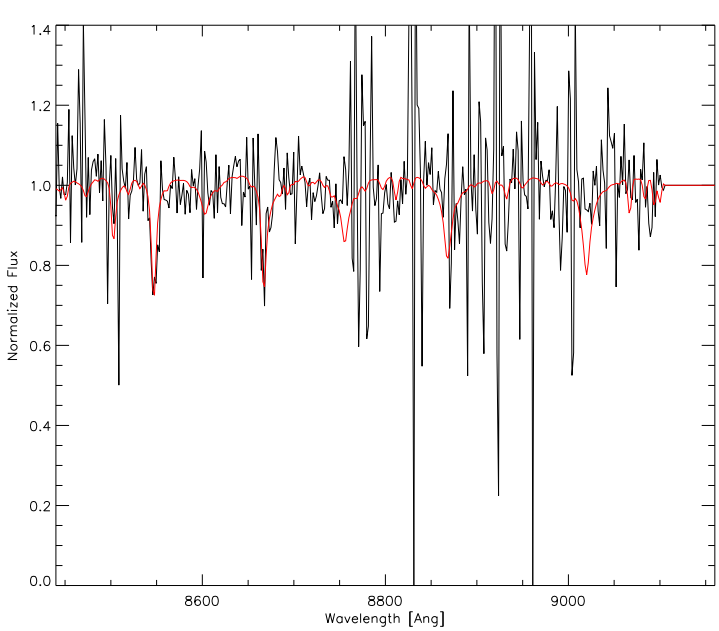

PLATE=0333 MJD=52313 Spectro-Photo Star Fiber 143
am05k2_6000_4.5.spc
Total χ^2/DOF= 0.93
Lines χ^2/DOF= 1.86
Fe/H=−0.5 T_{eff}= 6000. g=4.5 cz= −51.
Normalized Flux
Wavelength [Ang]

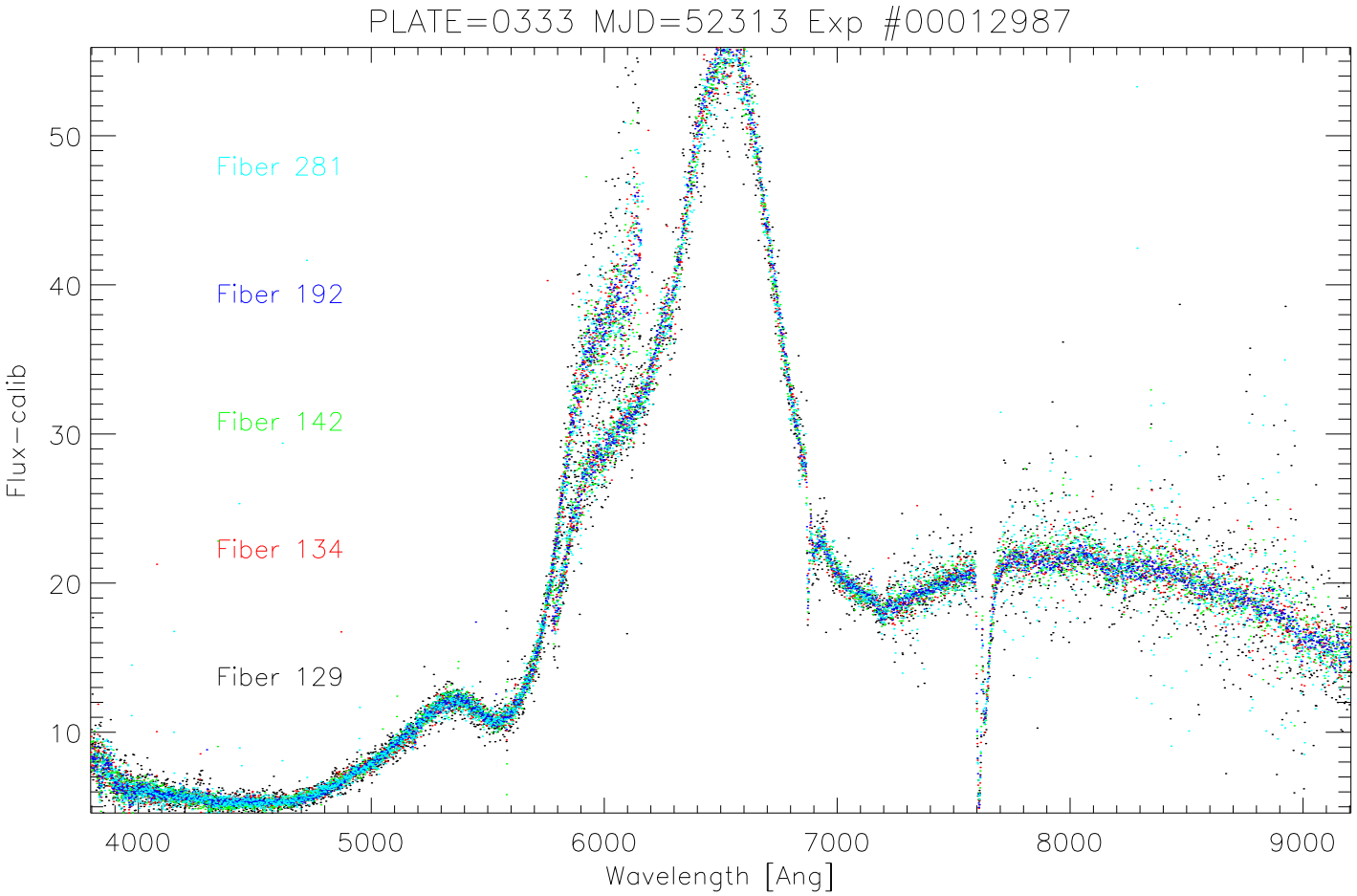

Normalized Flux
Wavelength [Ang]

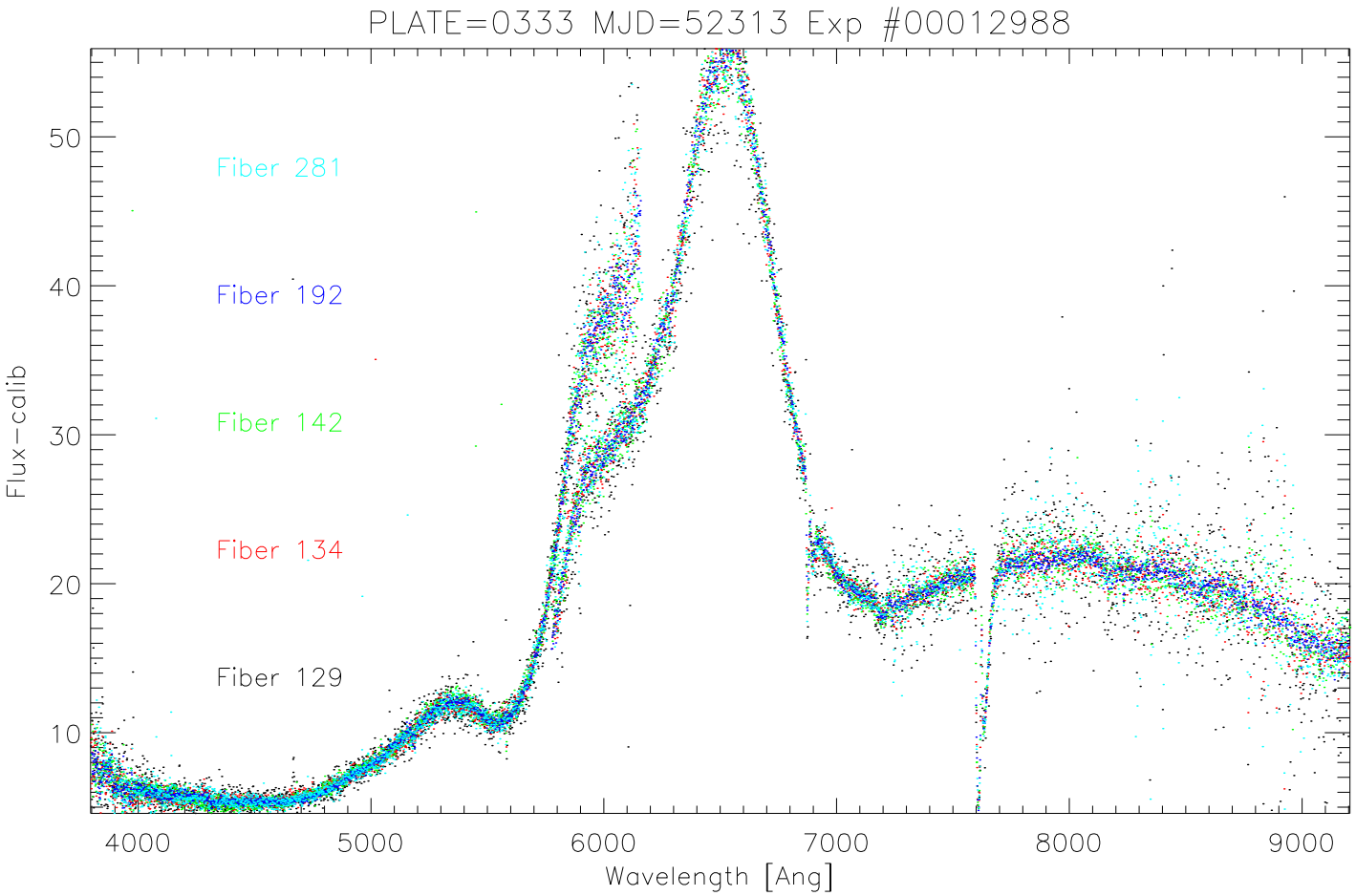

PLATE=0333 MJD=52313 Spectro-Photo Star Fiber 193
am05k2_5750_4.5.spc
Total χ^2/DOF= 0.70
Lines χ^2/DOF= 1.16
Fe/H=-0.5 T_{eff}= 5750. g=4.5 cz= 16.
Normalized Flux
Wavelength [Ang]

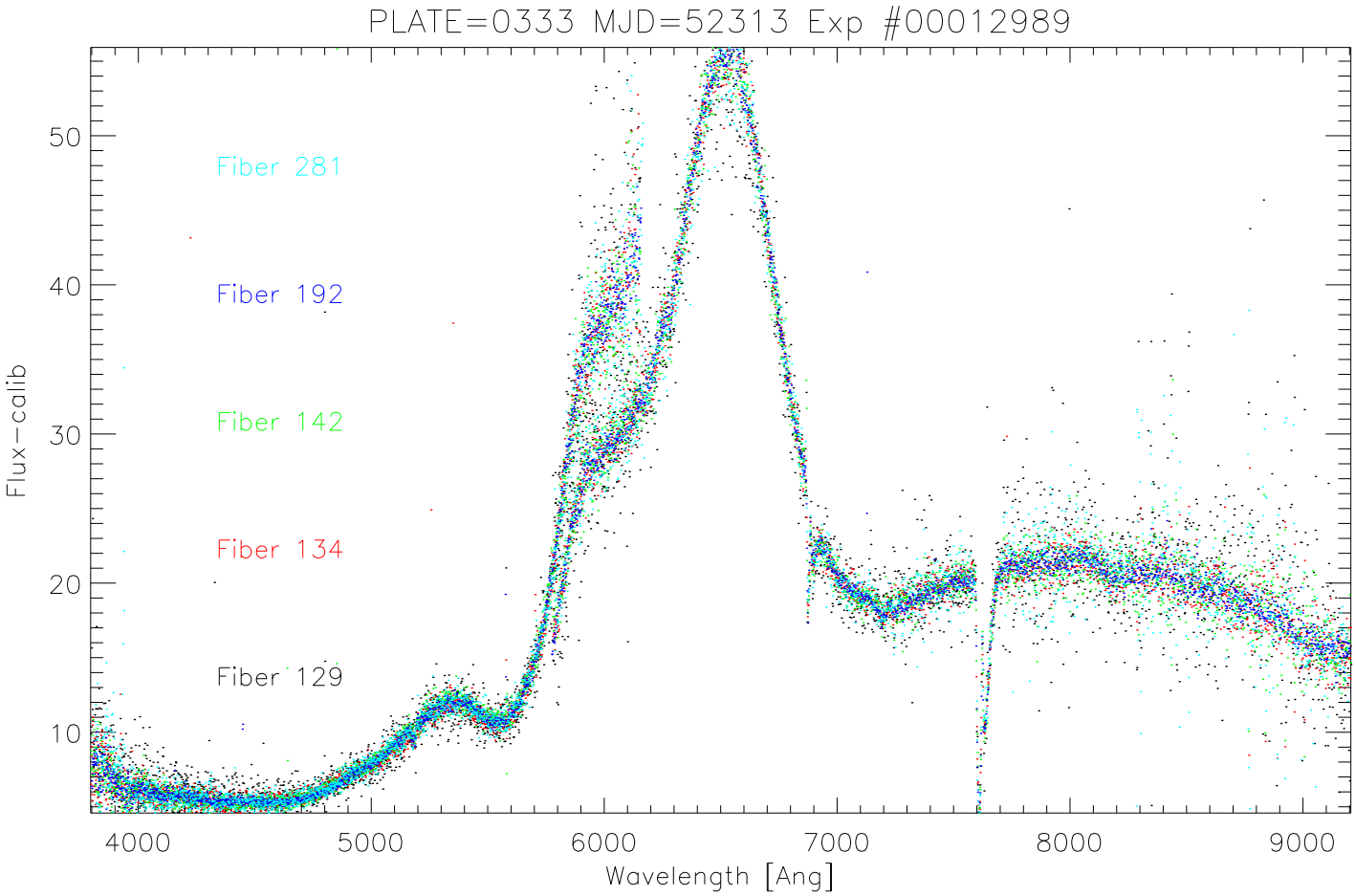

Normalized Flux
Wavelength [Ang]

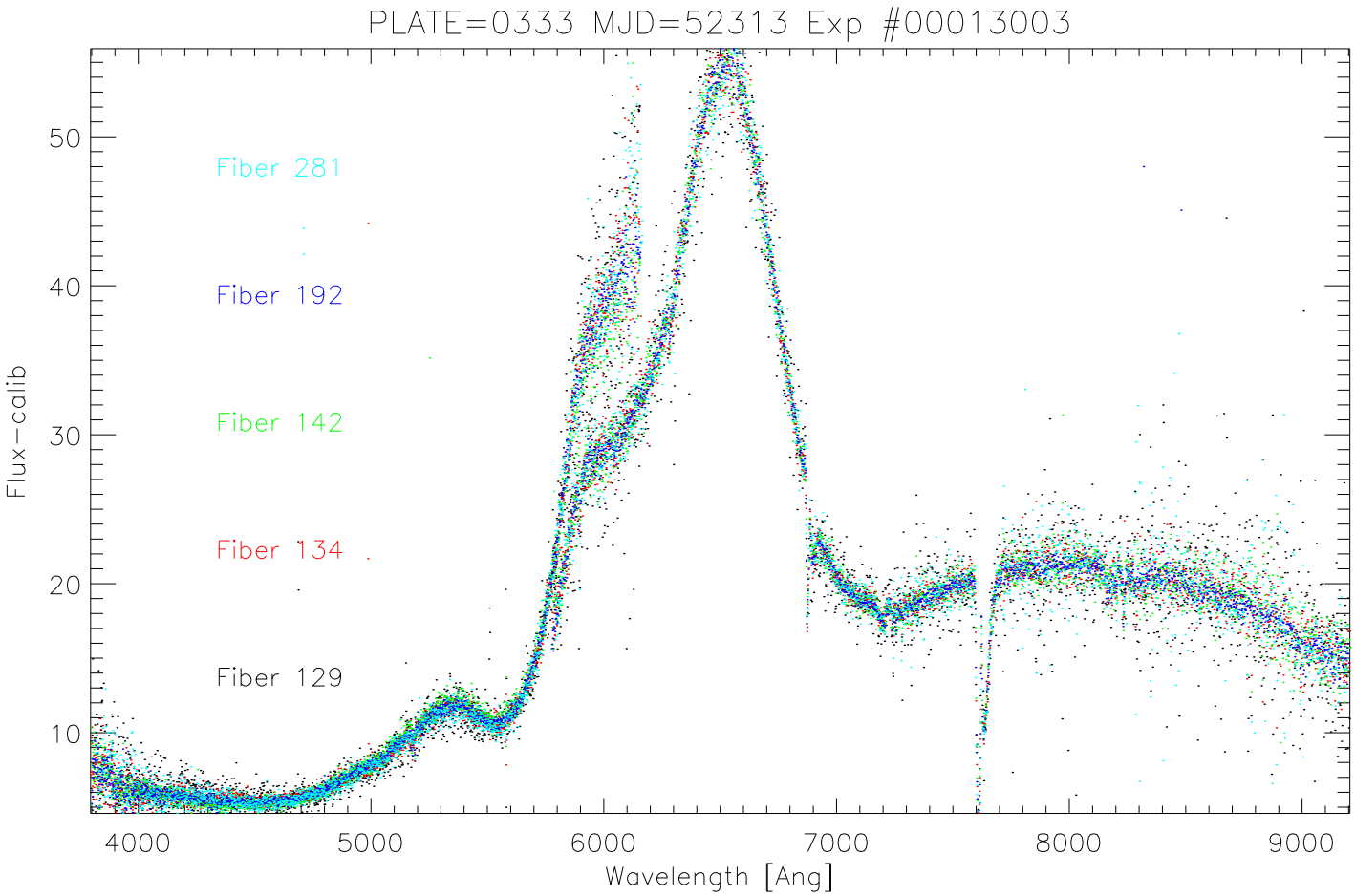

PLATE=0333 MJD=52313 Spectro-Photo Star Fiber 282
am10k2_5500_4.5.spc
Total χ^2/DOF= 1.19
Lines χ^2/DOF= 1.71
Fe/H=-1.0 T_{eff}= 5500. g=4.5 cz= 84.
Normalized Flux
Wavelength [Ang]

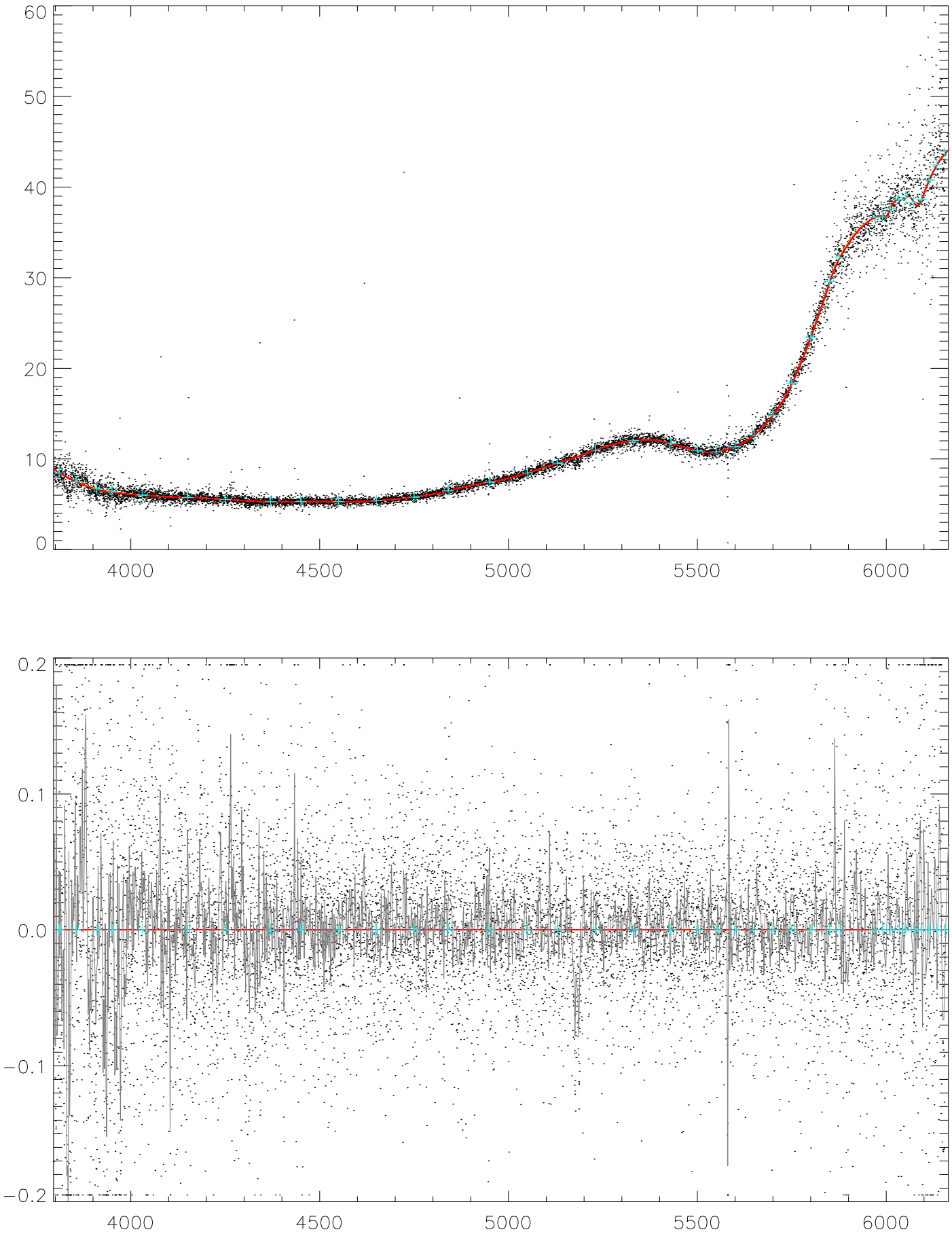

Normalized Flux
Wavelength [Ang]

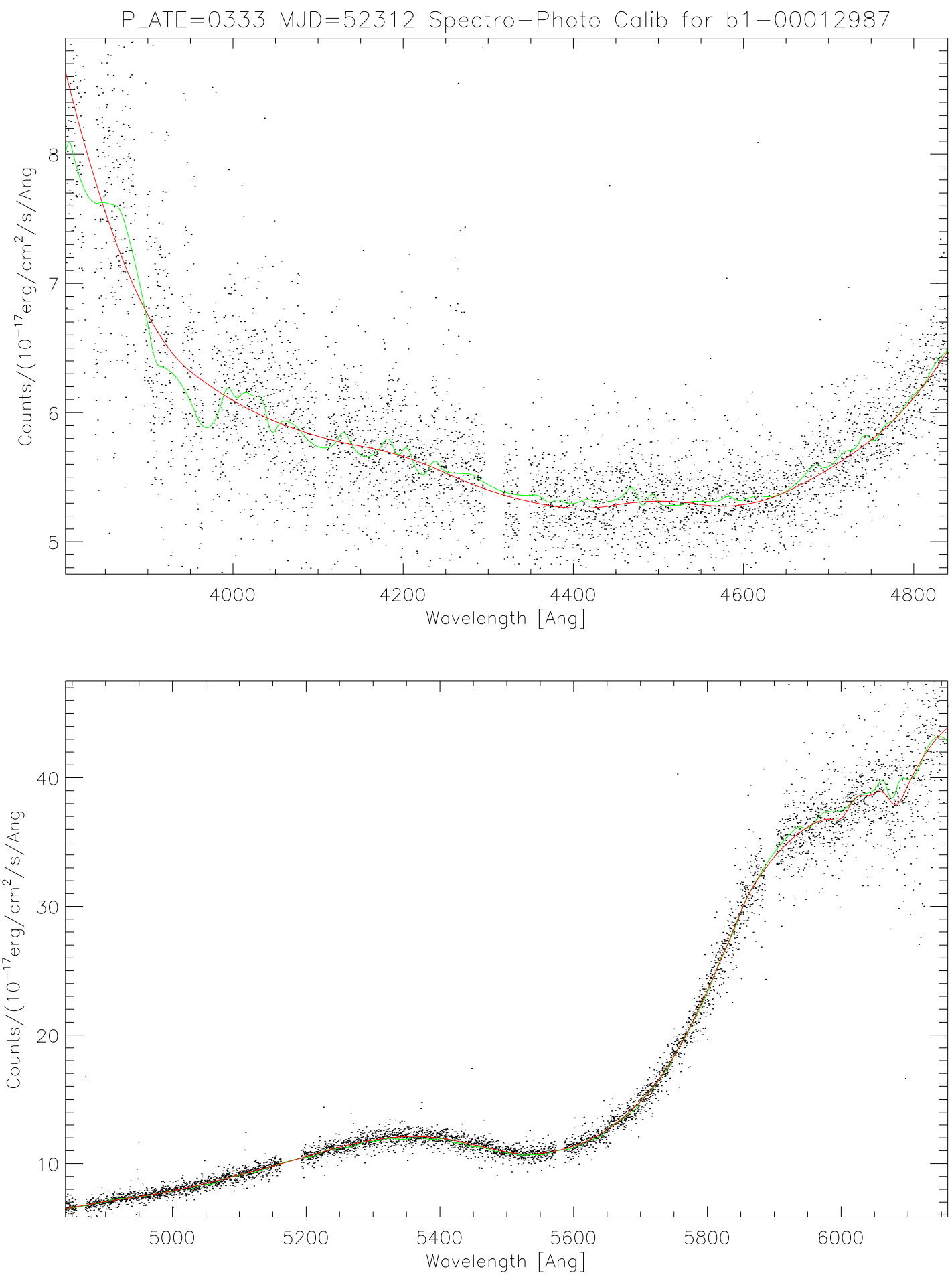

PLATE=0333 MJD=52313 Exp #00012987
Fiber 281
Fiber 192
Fiber 142
Fiber 134
Fiber 129
Flux−calib
Wavelength [Ang]
10
20
30
40
50
4000
5000
6000
7000
8000
9000

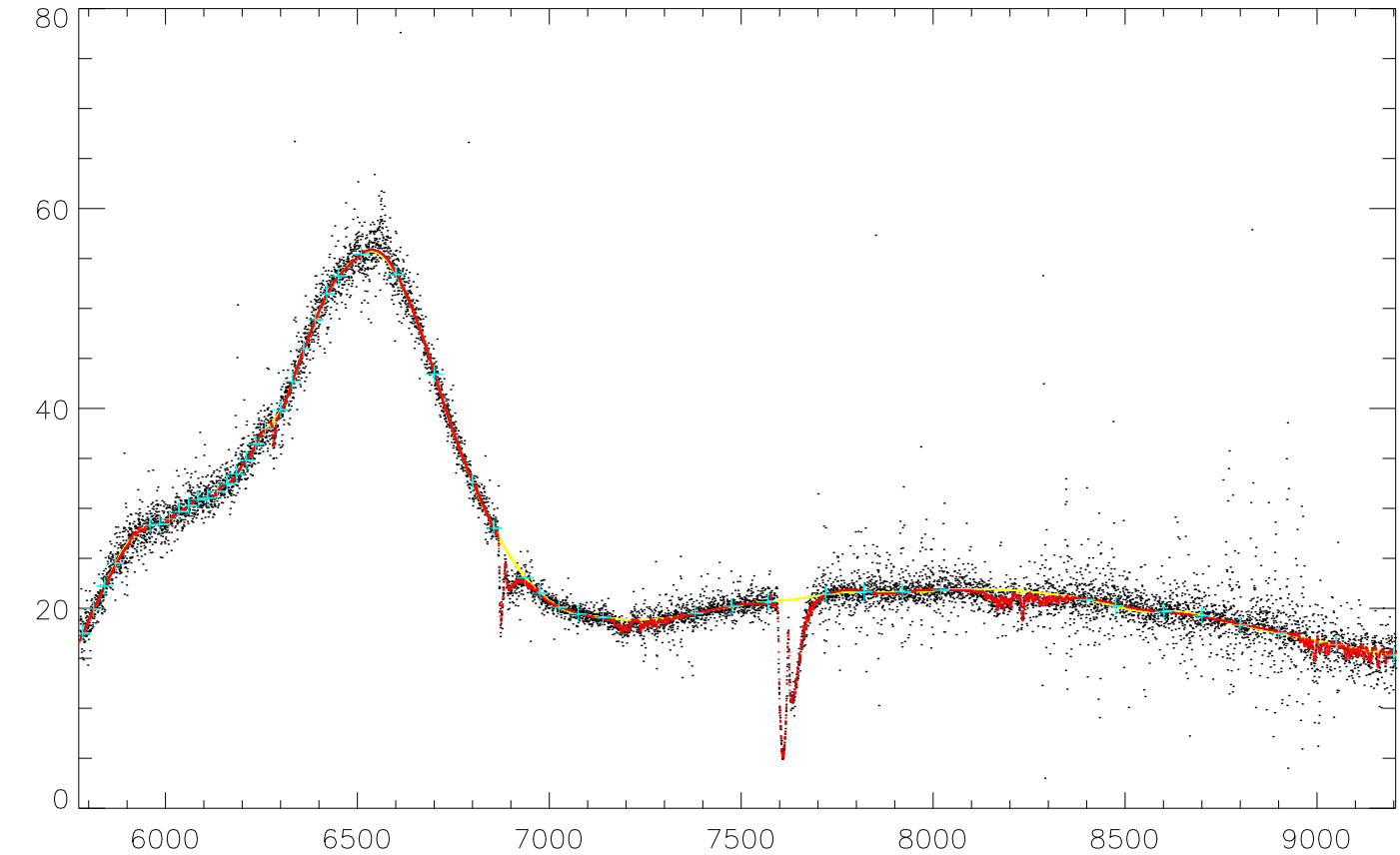

PLATE=0333 MJD=52313 Exp #00012988
Fiber 281
Fiber 192
Fiber 142
Fiber 134
Fiber 129
Flux−calib
Wavelength [Ang]
10
20
30
40
50
4000
5000
6000
7000
8000
9000

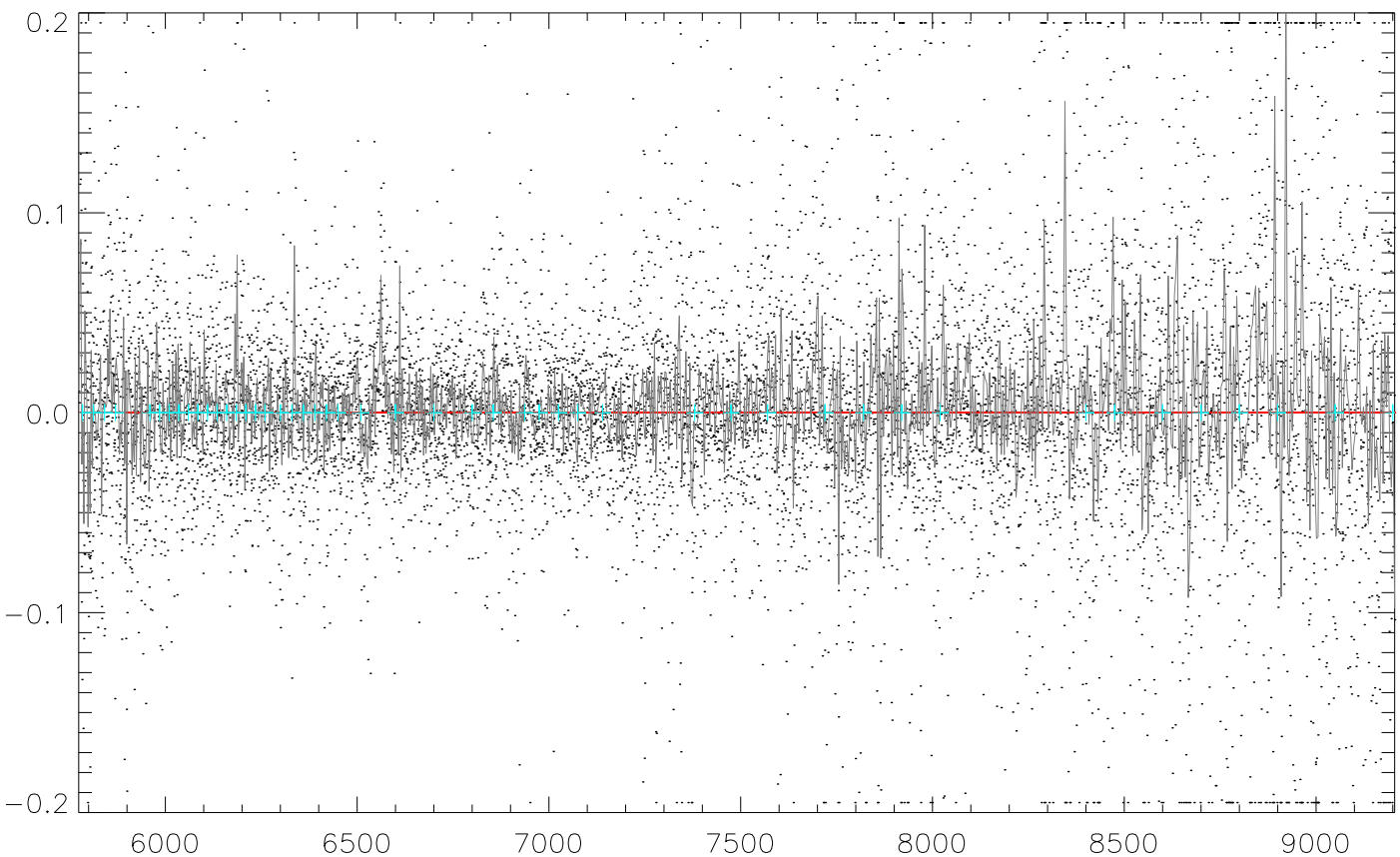

PLATE=0333 MJD=52313 Exp #00012989
Fiber 281
Fiber 192
Fiber 142
Fiber 134
Fiber 129
Flux−calib
Wavelength [Ang]
10
20
30
40
50
4000
5000
6000
7000
8000
9000

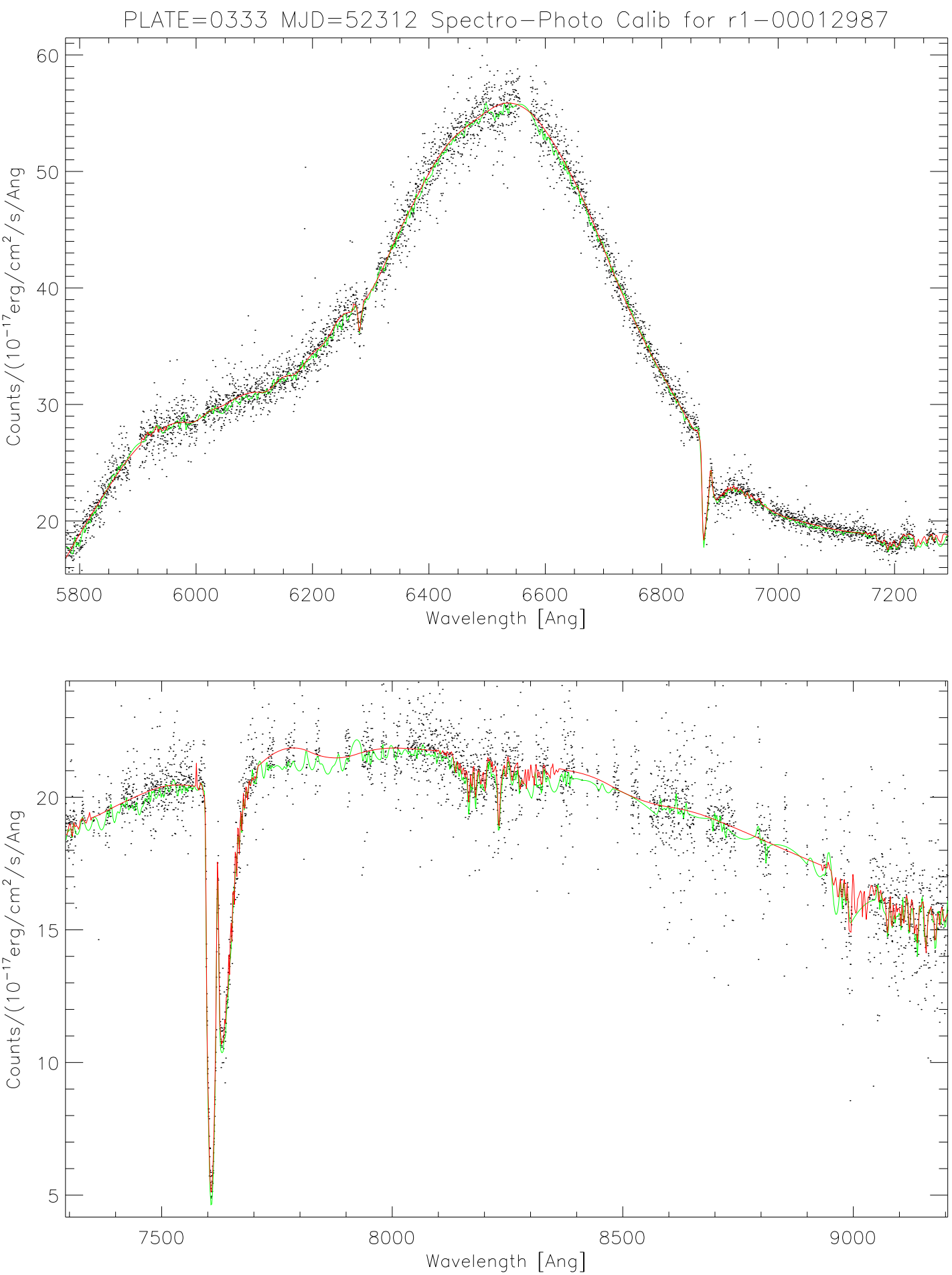

PLATE=0333 MJD=52313 Exp #00013003
Fiber 281
Fiber 192
Fiber 142
Fiber 134
Fiber 129
Flux−calib
Wavelength [Ang]
10
20
30
40
50
4000
5000
6000
7000
8000
9000

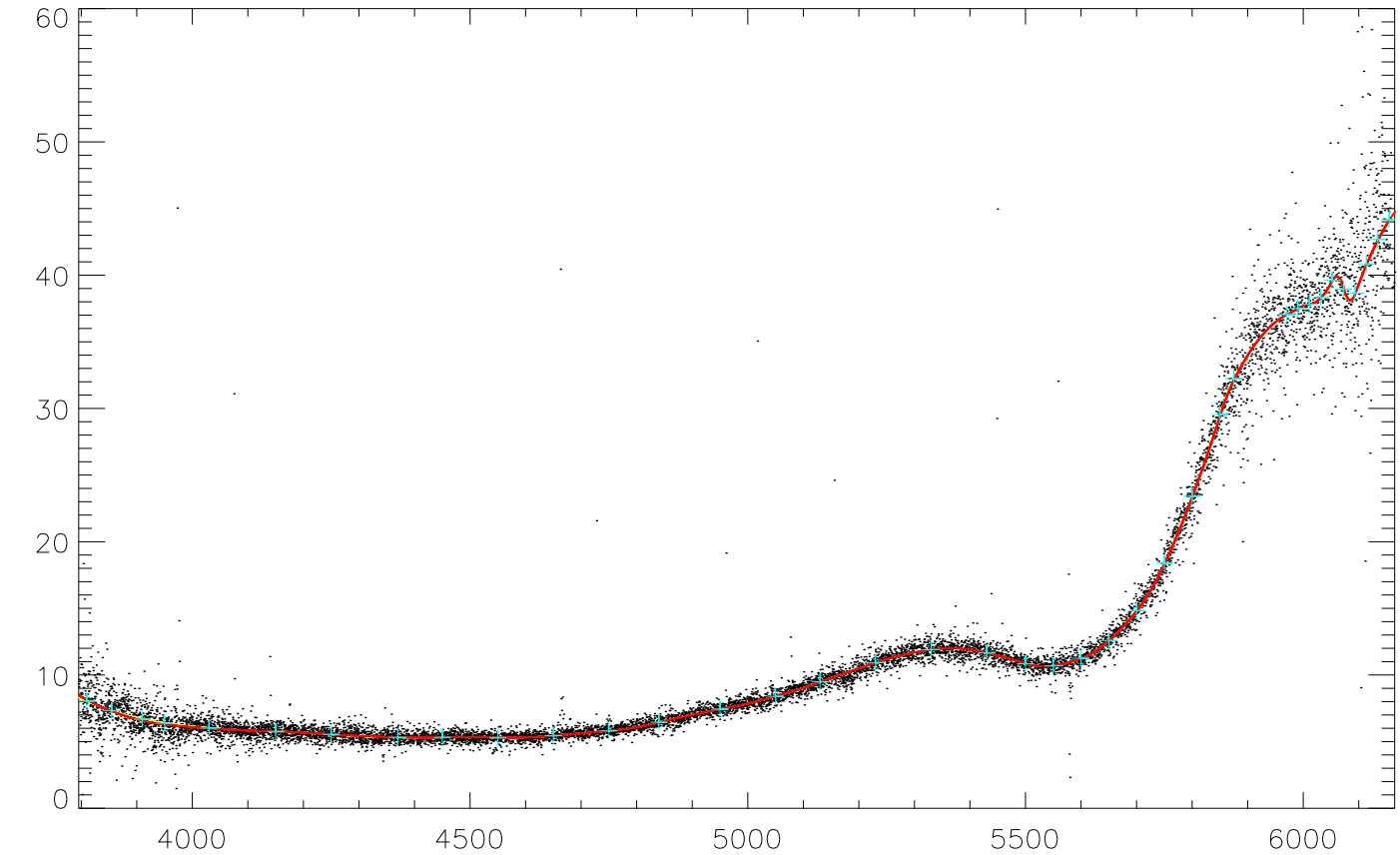

60
50
40
30
20
10
0
4000
4500
5000
5500
6000
0.2
0.1
0.0
−0.1
−0.2
4000
4500
5000
5500
6000

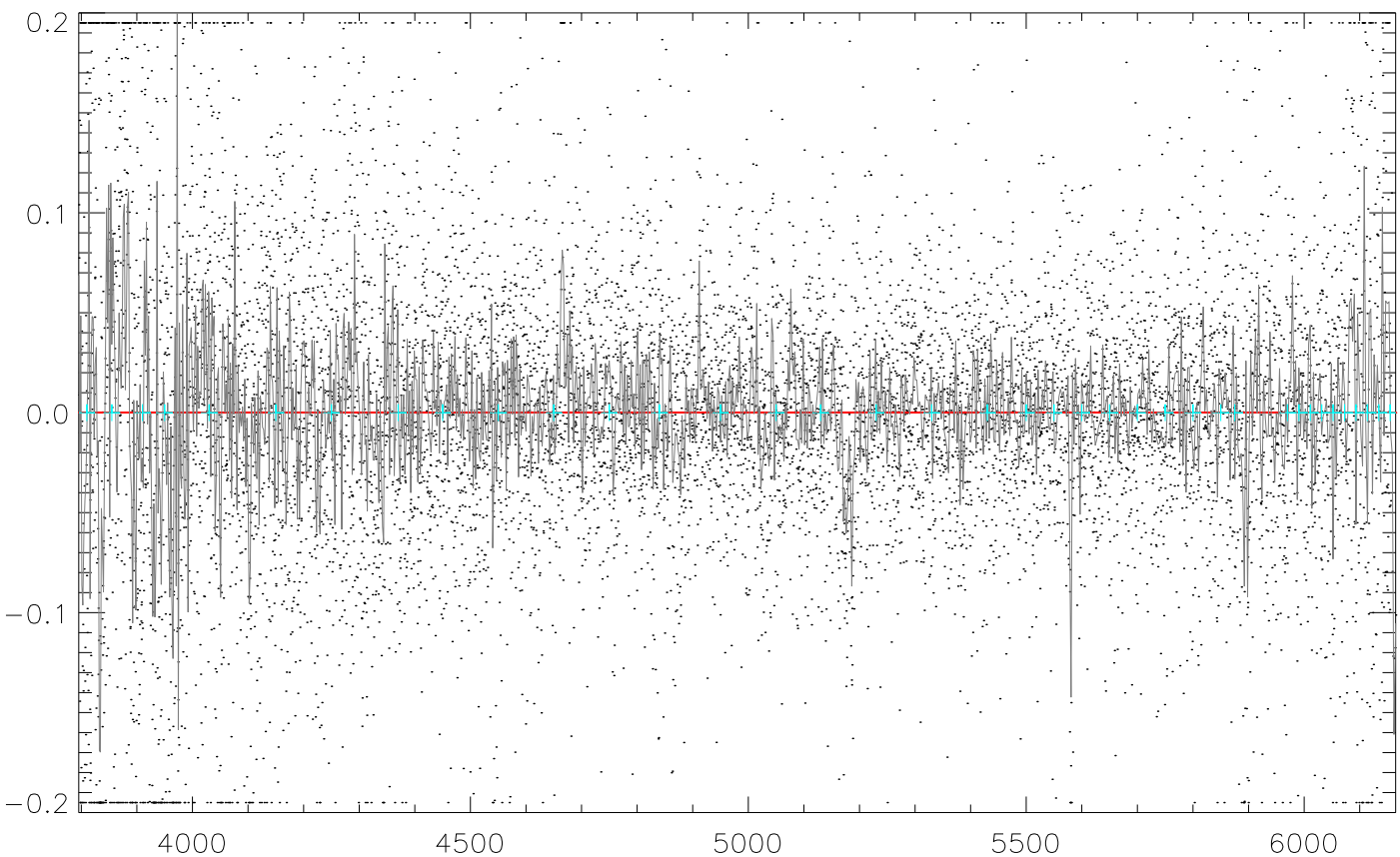

PLATE=0333 MJD=52312 Spectro−Photo Calib for b1−00012987
Counts/(10^-17 erg/cm^2/s/Ang
8
7
6
5
4000
4200
4400
4600
4800
Wavelength [Ang]
Counts/(10^-17 erg/cm^2/s/Ang
40
30
20
10
5000
5200
5400
5600
5800
6000
Wavelength [Ang]

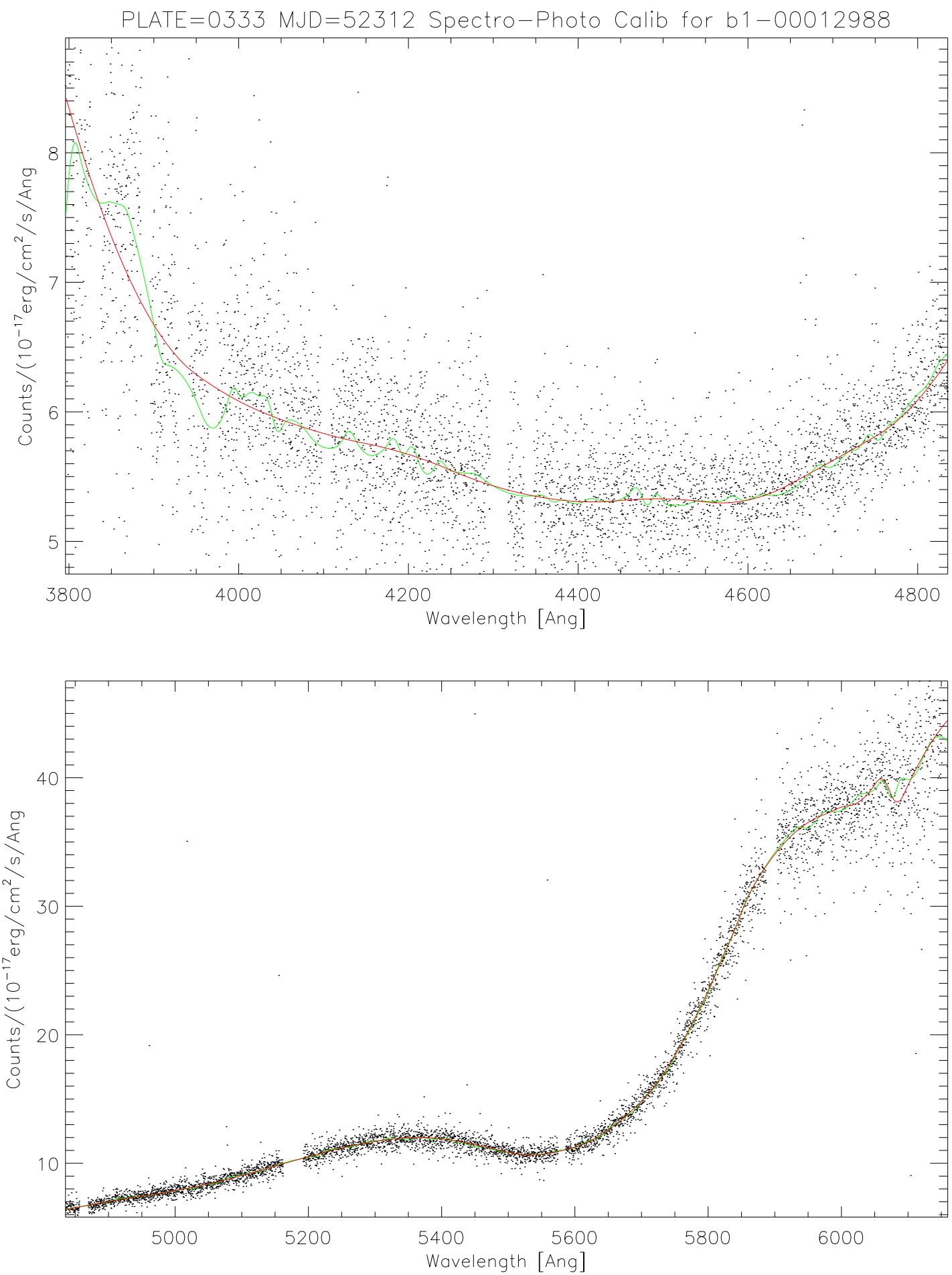

80
60
40
20
0
6000
6500
7000
7500
8000
8500
9000

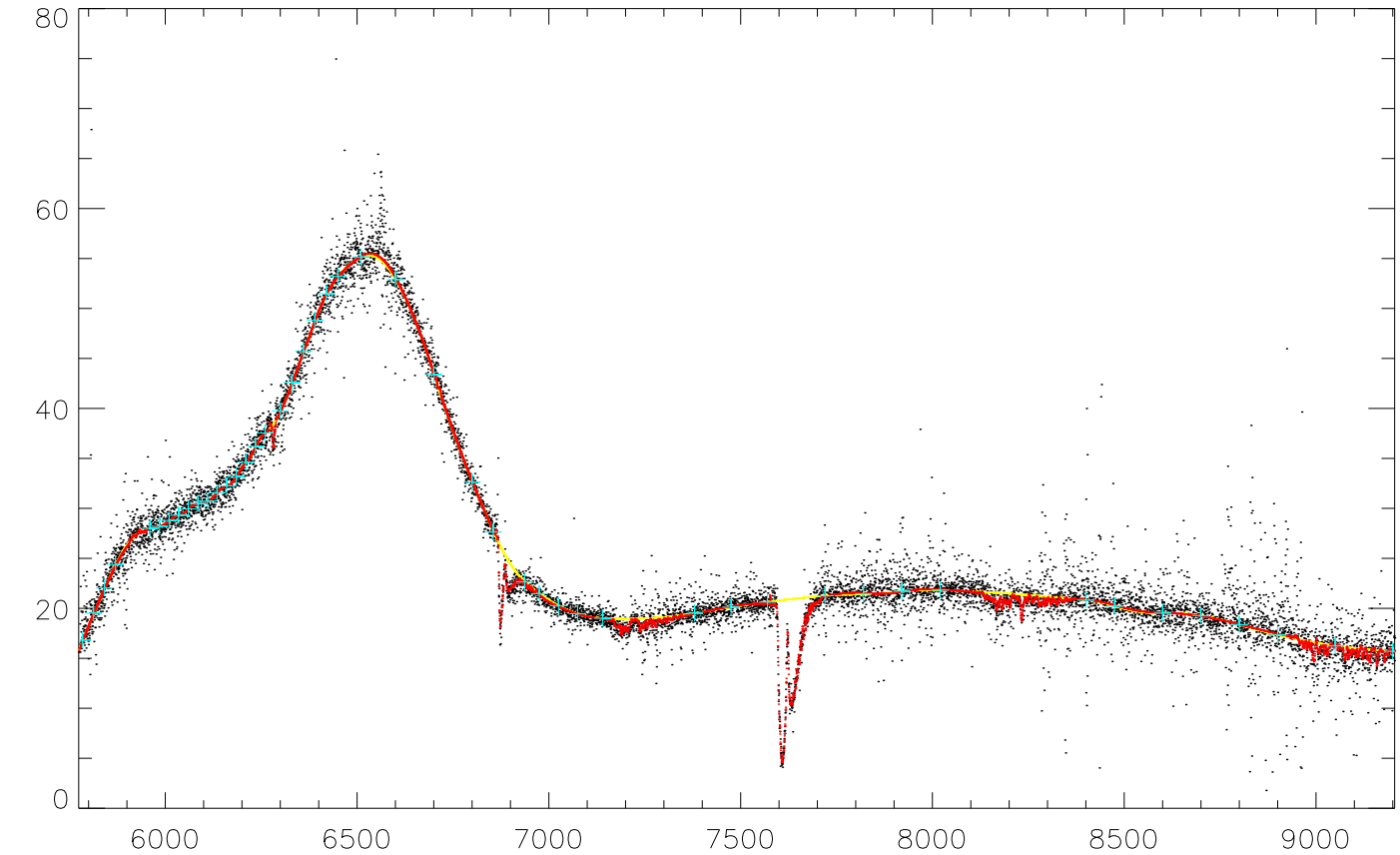

0.2
0.1
0.0
−0.1
−0.2
6000
6500
7000
7500
8000
8500
9000

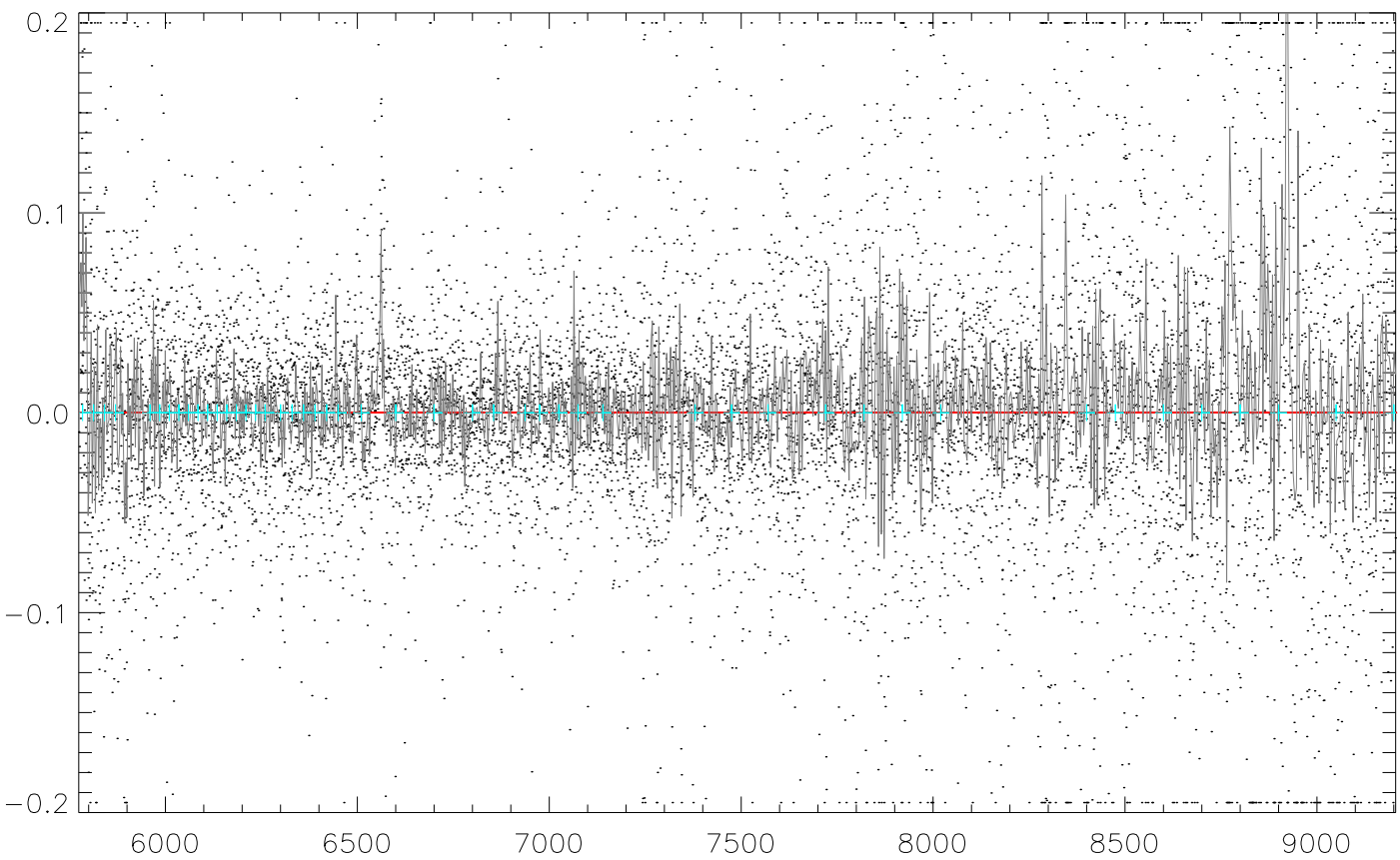

PLATE=0333 MJD=52312 Spectro−Photo Calib for r1−00012987
Counts/(10^-17erg/cm^2/s/Ang
Wavelength [Ang]
60
50
40
30
20
5800
6000
6200
6400
6600
6800
7000
7200
Counts/(10^-17erg/cm^2/s/Ang
Wavelength [Ang]
20
15
10
5
7500
8000
8500
9000

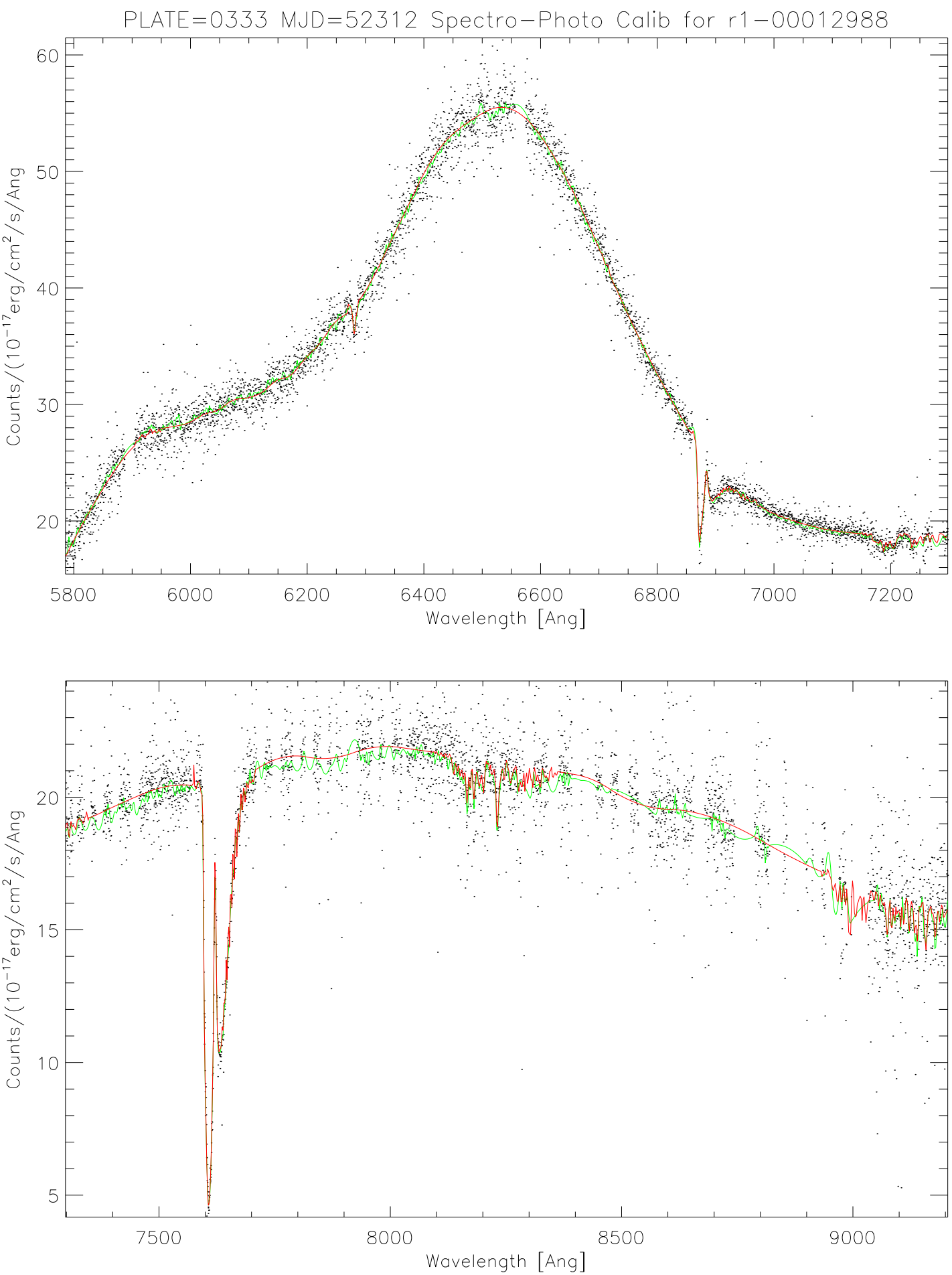

60
50
40
30
20
10
0
4000
4500
5000
5500
6000

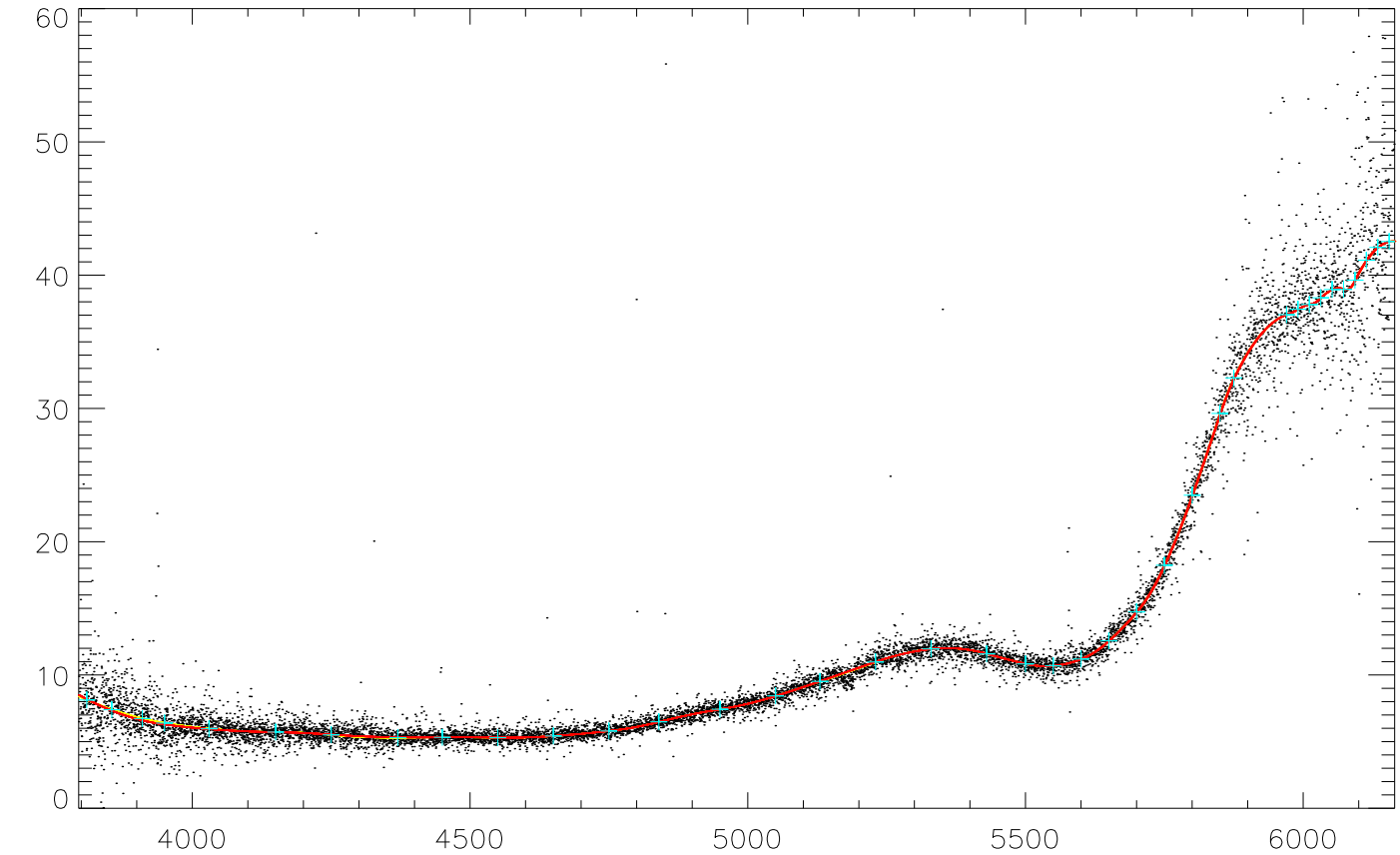

0.2
0.1
0.0
−0.1
−0.2
4000
4500
5000
5500
6000

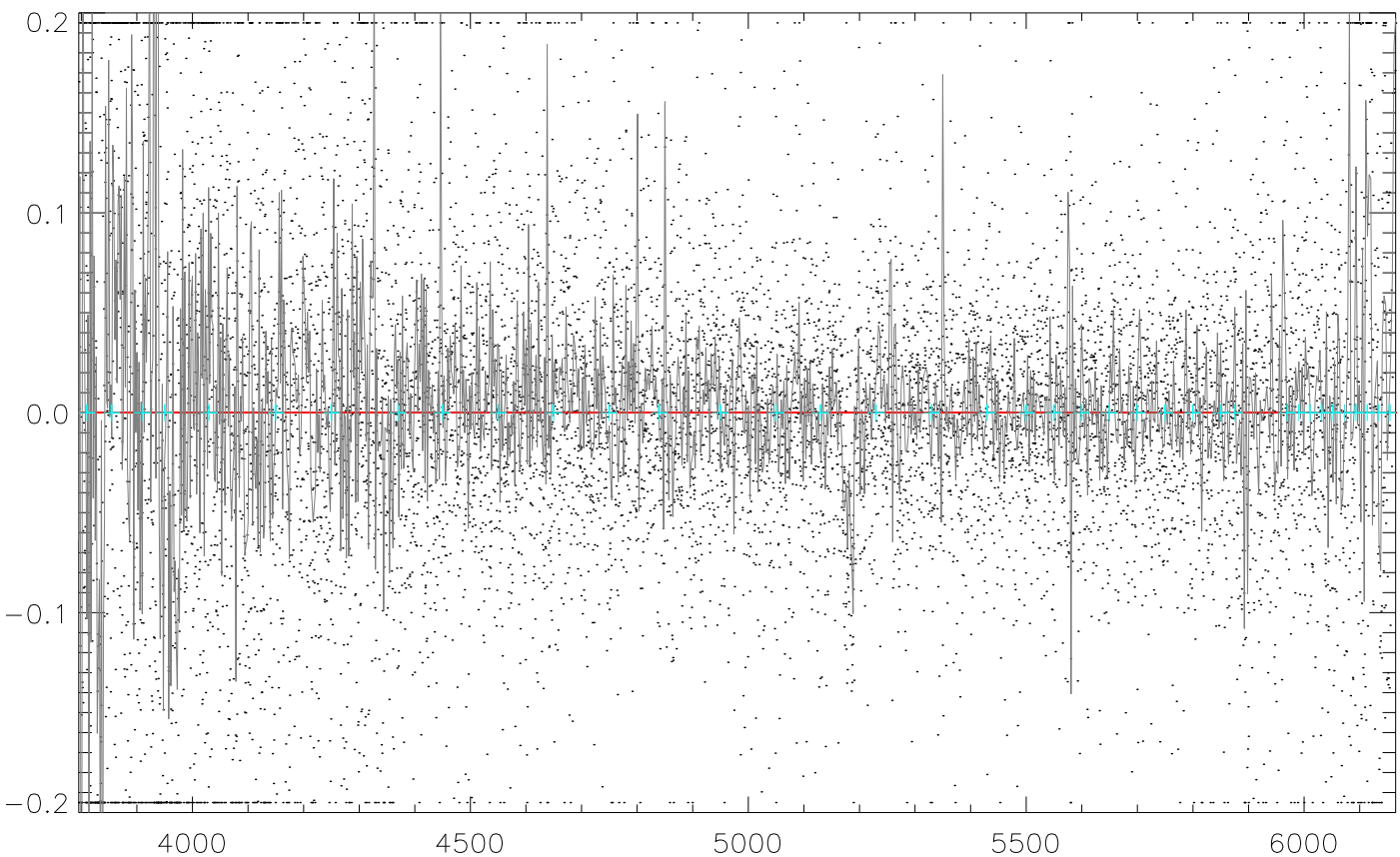

PLATE=0333 MJD=52312 Spectro−Photo Calib for b1−00012988
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
3800
4000
4200
4400
4600
4800
5
6
7
8
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
5000
5200
5400
5600
5800
6000
10
20
30
40

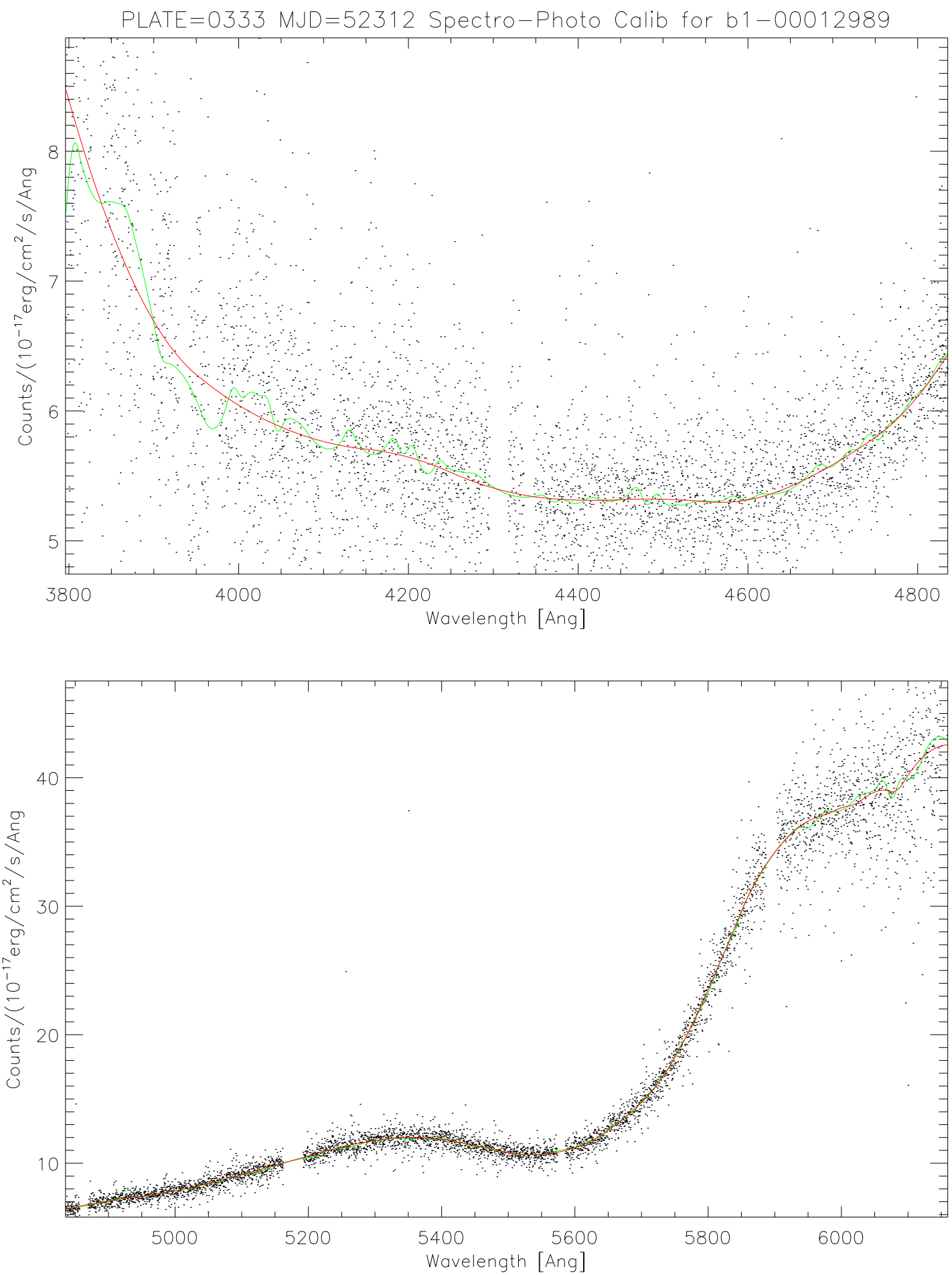

80
60
40
20
0
6000
6500
7000
7500
8000
8500
9000

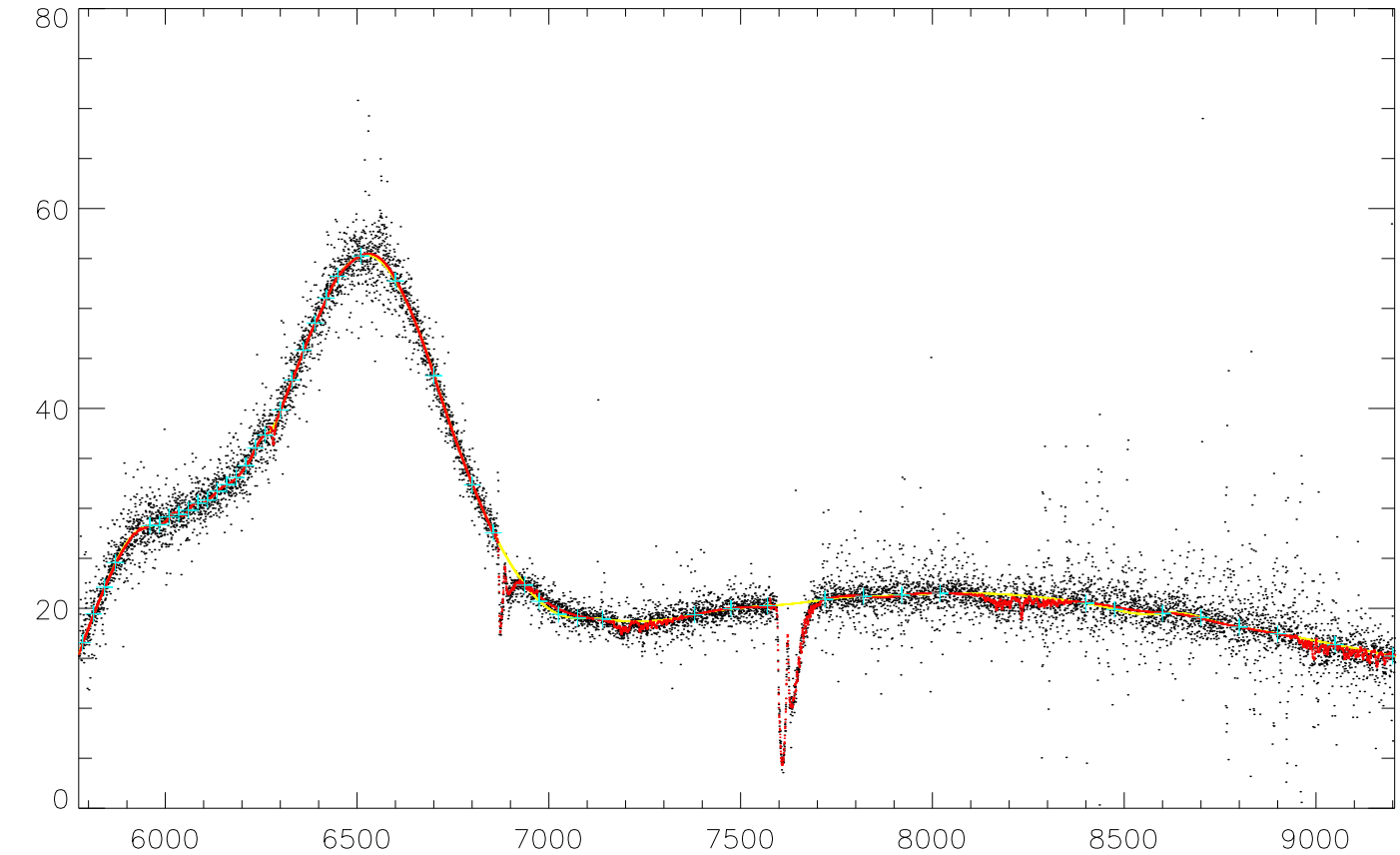

0.2
0.1
0.0
−0.1
−0.2
6000
6500
7000
7500
8000
8500
9000

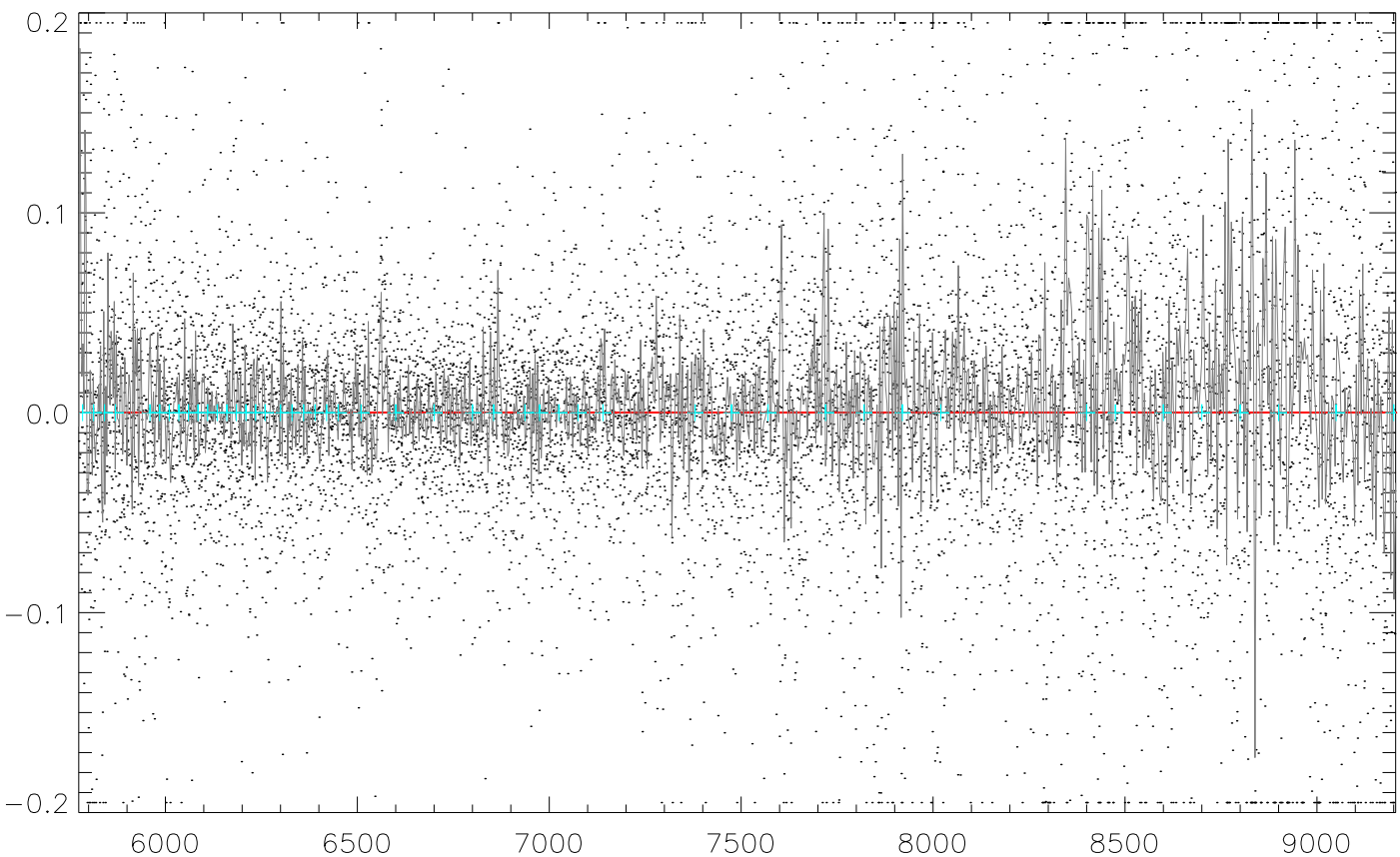

PLATE=0333 MJD=52312 Spectro−Photo Calib for r1−00012988
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
60
50
40
30
20
5800
6000
6200
6400
6600
6800
7000
7200
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
20
15
10
5
7500
8000
8500
9000

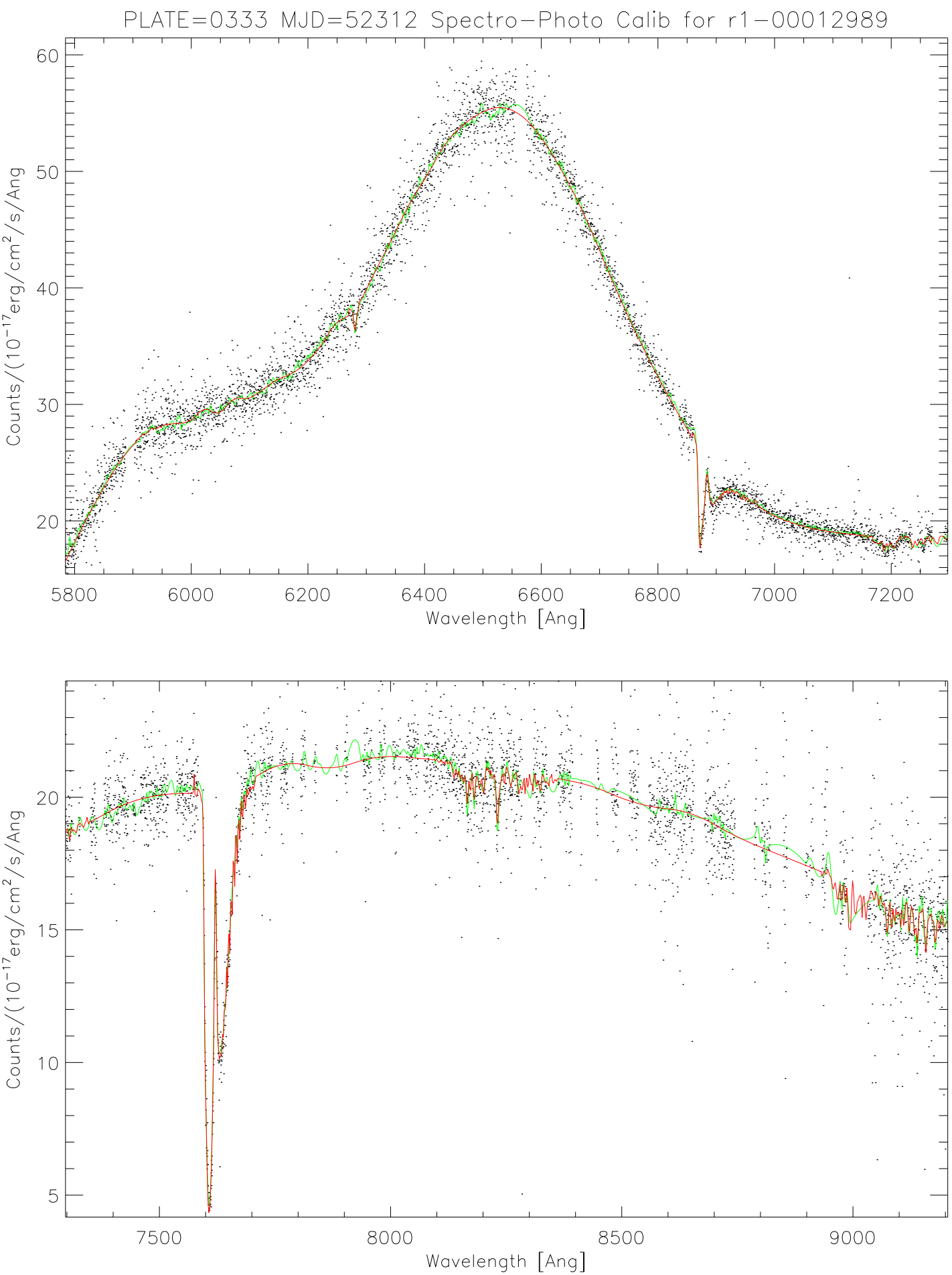

60
50
40
30
20
10
0
4000
4500
5000
5500
6000

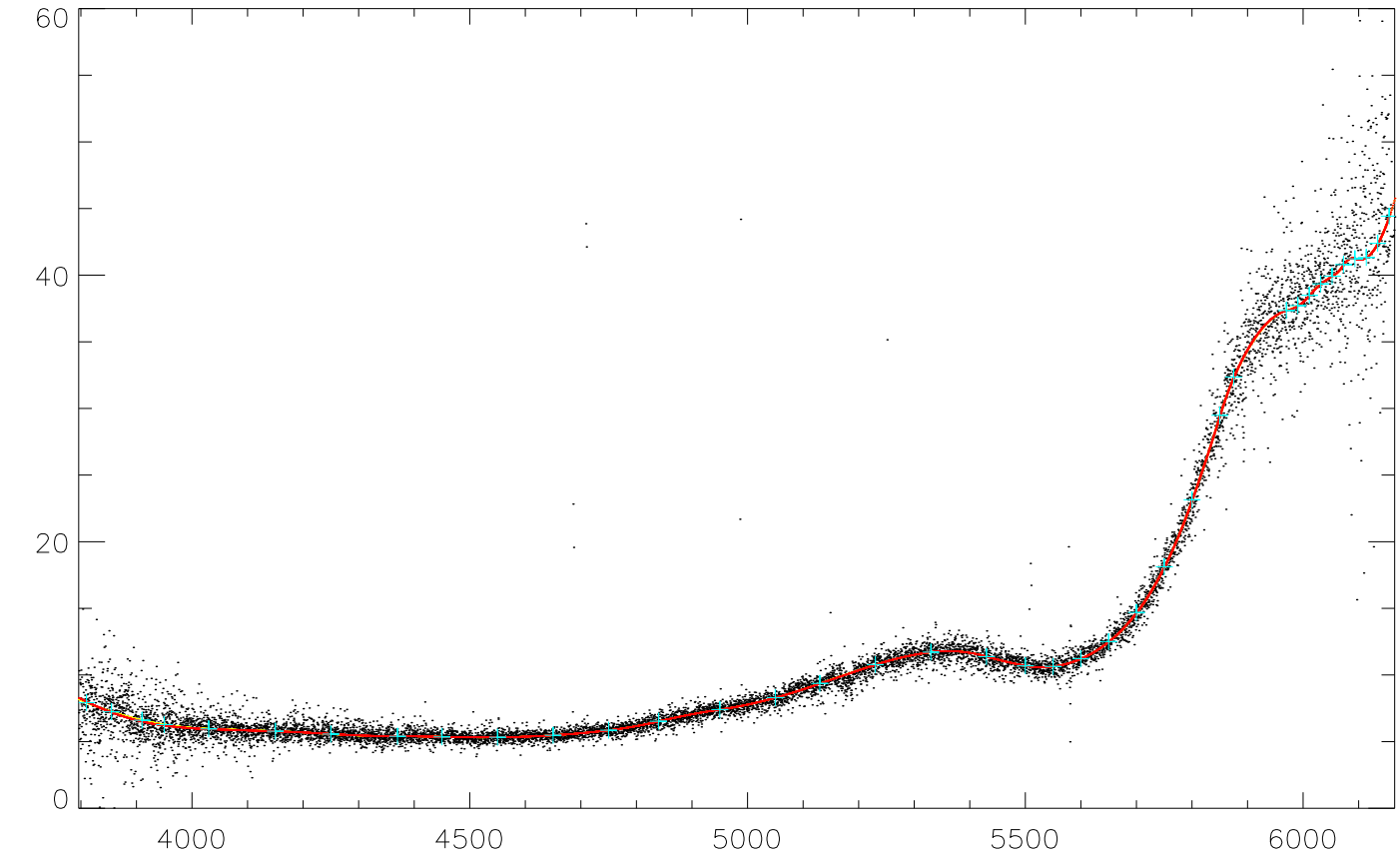

0.2
0.1
0.0
−0.1
−0.2
4000
4500
5000
5500
6000

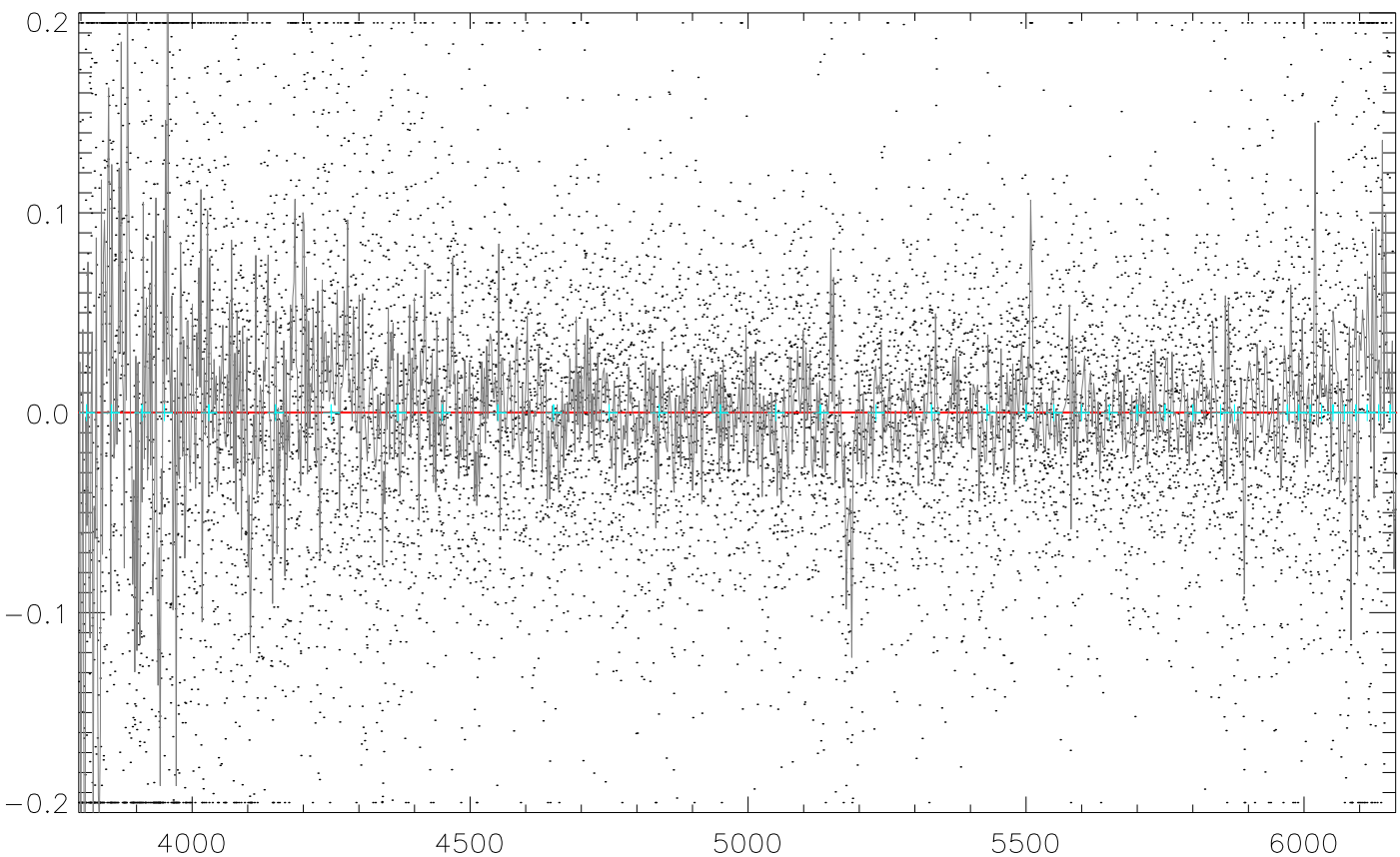

PLATE=0333 MJD=52312 Spectro−Photo Calib for b1−00012989
Counts/(10^-17 erg/cm^2/s/Ang
8
7
6
5
3800
4000
4200
4400
4600
4800
Wavelength [Ang]
Counts/(10^-17 erg/cm^2/s/Ang
40
30
20
10
5000
5200
5400
5600
5800
6000
Wavelength [Ang]

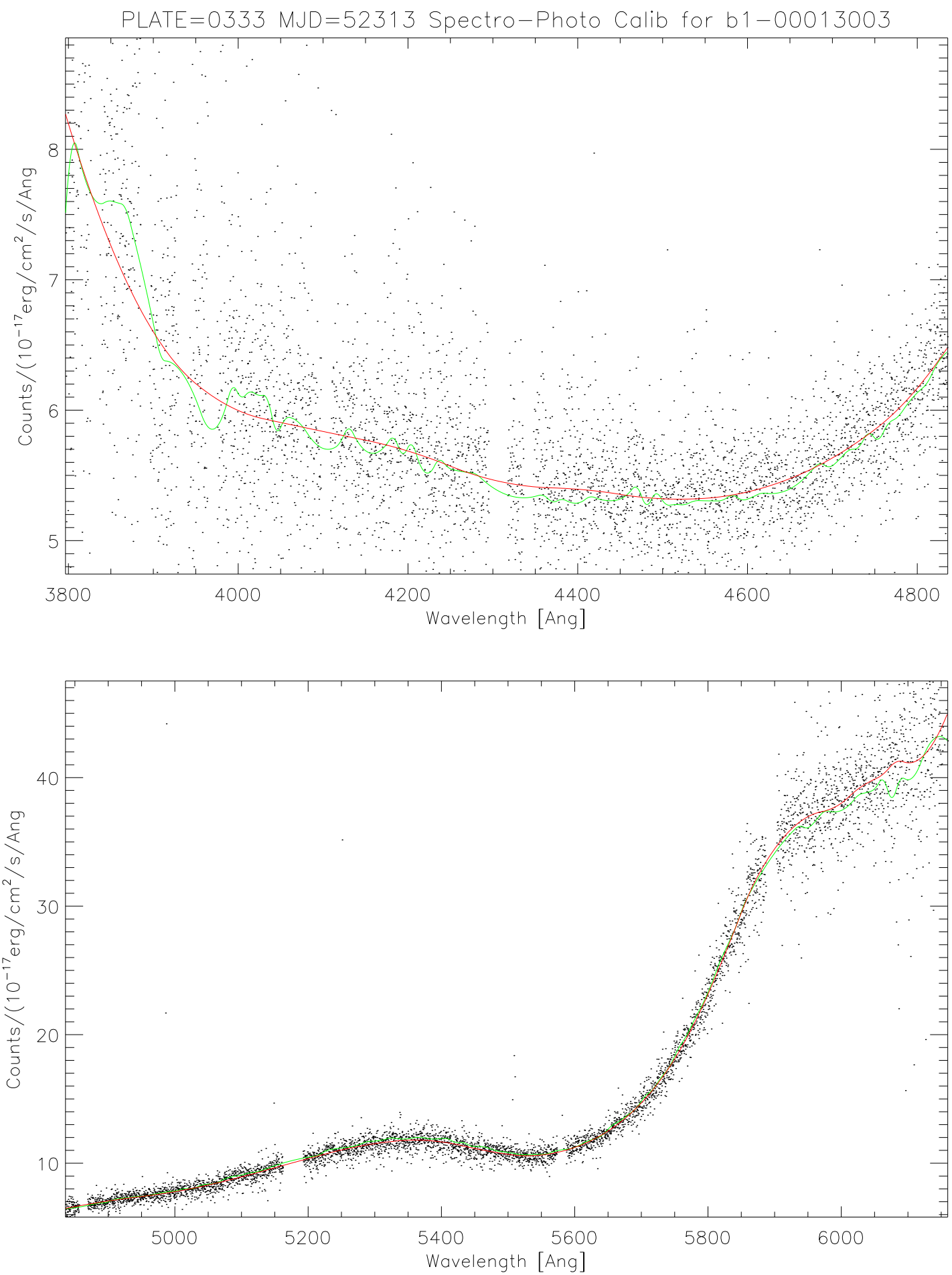

80
60
40
20
0
6000
6500
7000
7500
8000
8500
9000

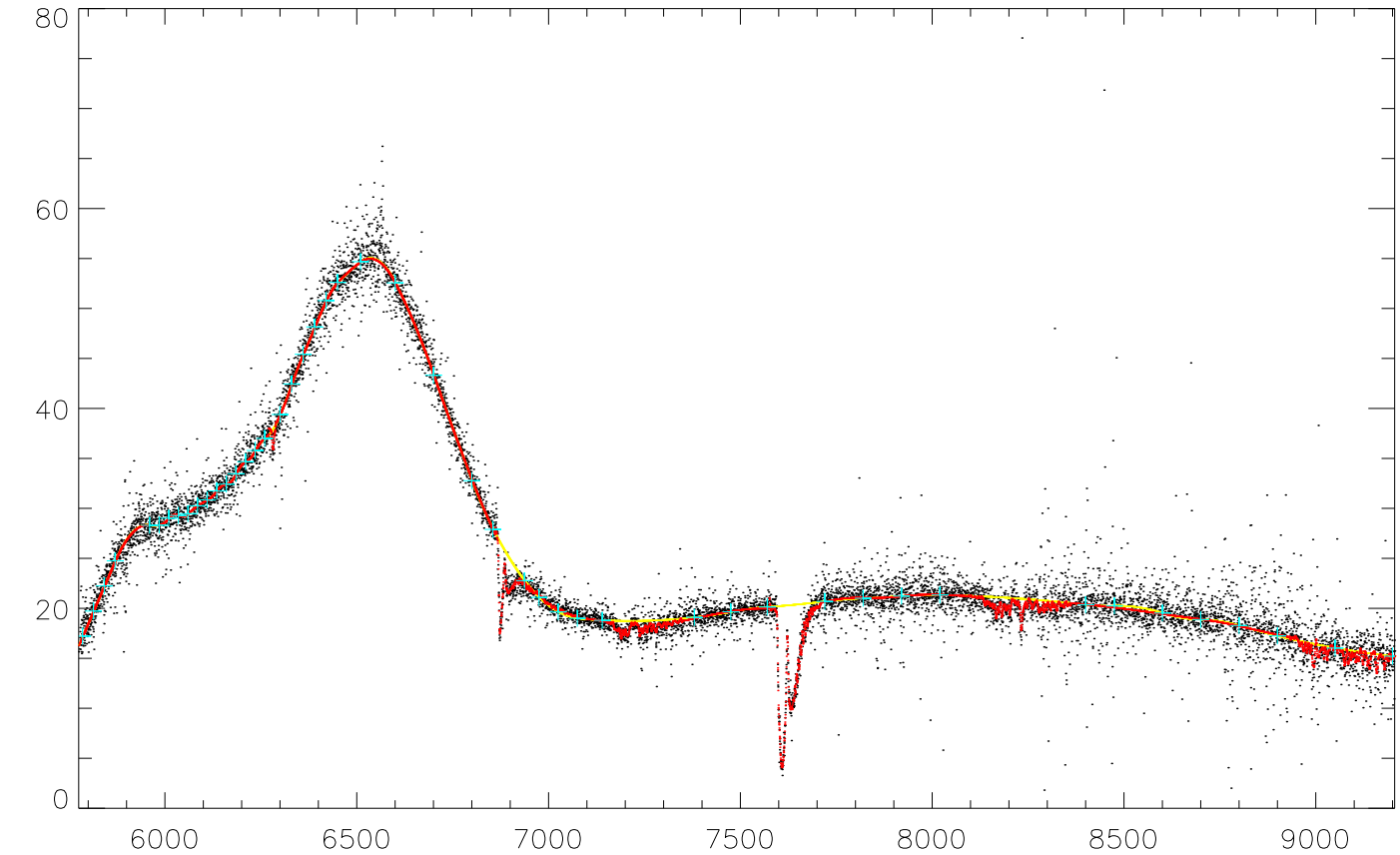

0.2
0.1
0.0
−0.1
−0.2
6000
6500
7000
7500
8000
8500
9000

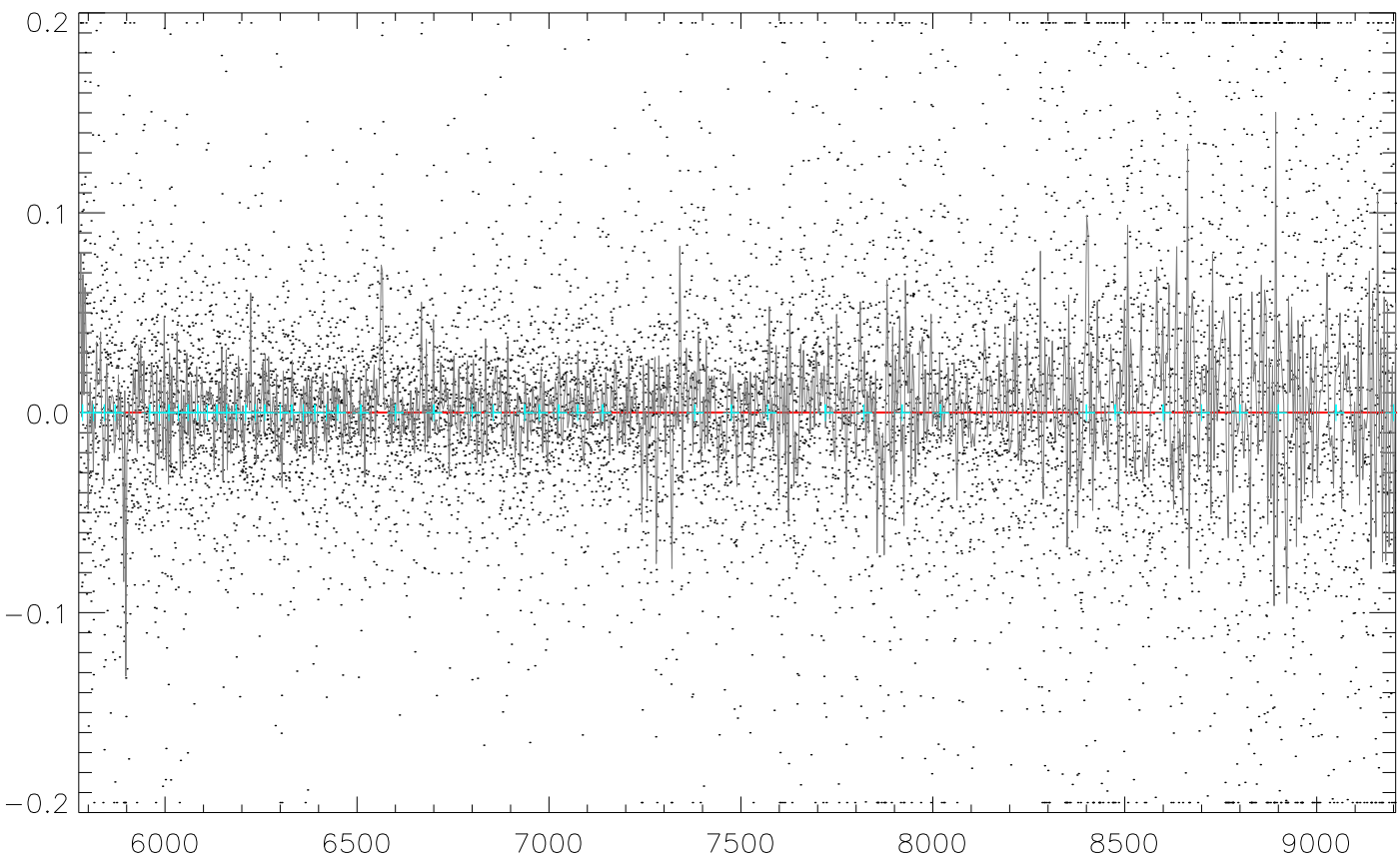

PLATE=0333 MJD=52312 Spectro−Photo Calib for r1−00012989
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
60
50
40
30
20
5800
6000
6200
6400
6600
6800
7000
7200
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
20
15
10
5
7500
8000
8500
9000

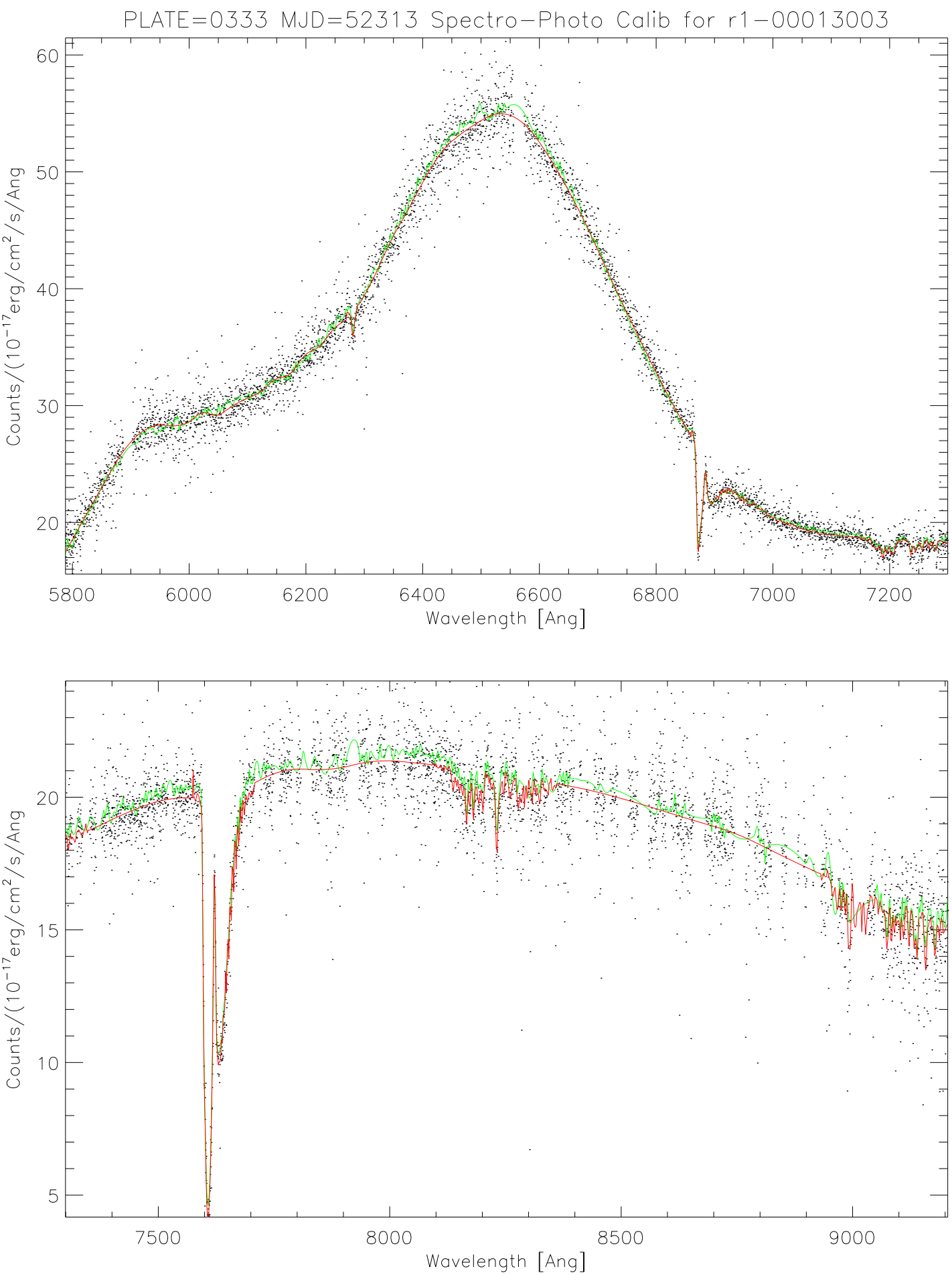

60
40
20
0
4000
4500
5000
5500
6000

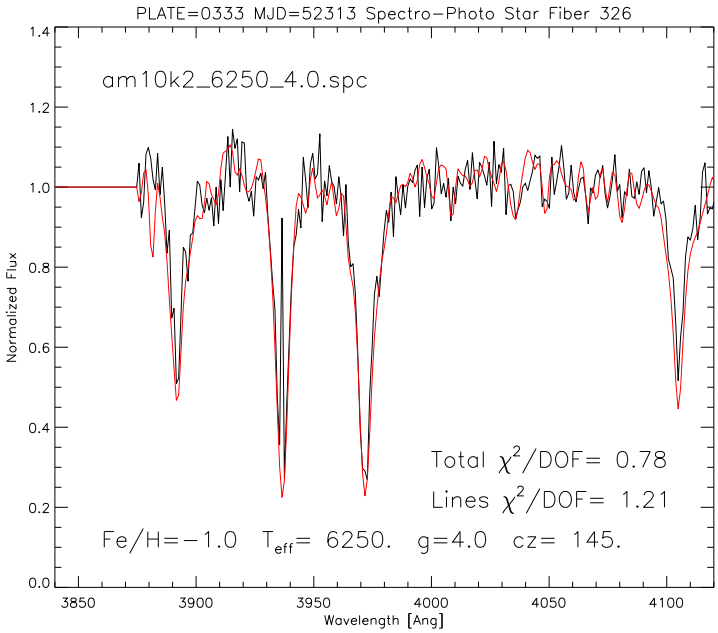

0.2
0.1
0.0
−0.1
−0.2
4000
4500
5000
5500
6000

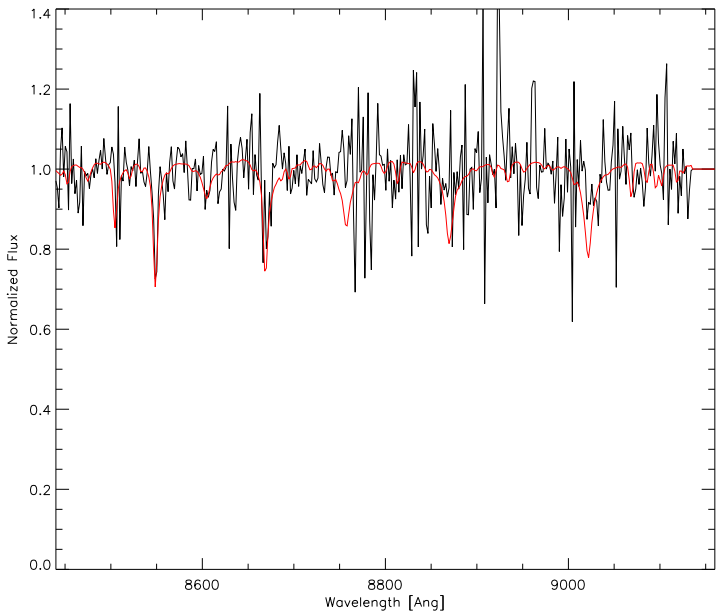

PLATE=0333 MJD=52313 Spectro−Photo Calib for b1−00013003
Counts/(10^-17 erg/cm^2/s/Ang
8
7
6
5
3800
4000
4200
4400
4600
4800
Wavelength [Ang]
Counts/(10^-17 erg/cm^2/s/Ang
40
30
20
10
5000
5200
5400
5600
5800
6000
Wavelength [Ang]

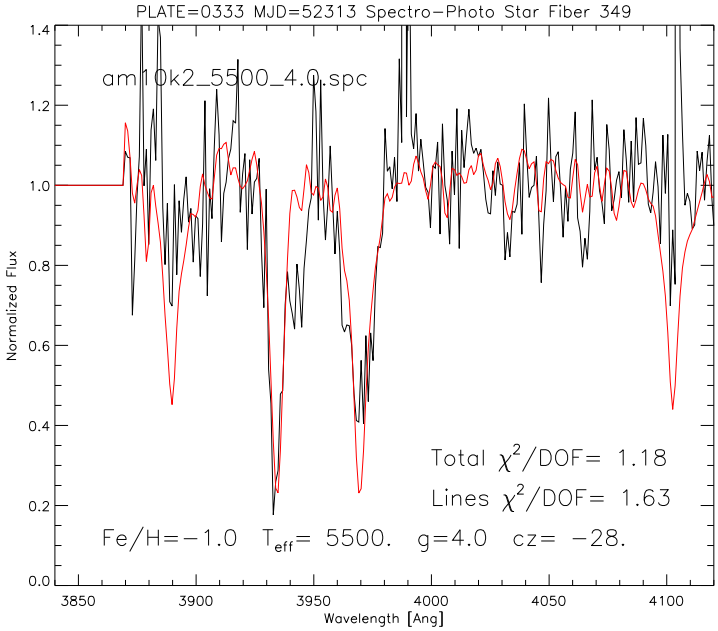

80
60
40
20
0
6000
6500
7000
7500
8000
8500
9000

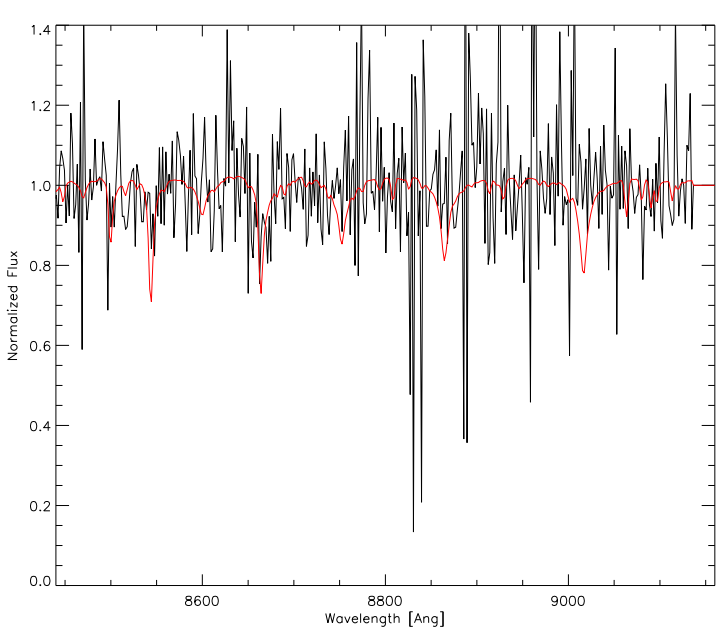

0.2
0.1
0.0
−0.1
−0.2
6000
6500
7000
7500
8000
8500
9000

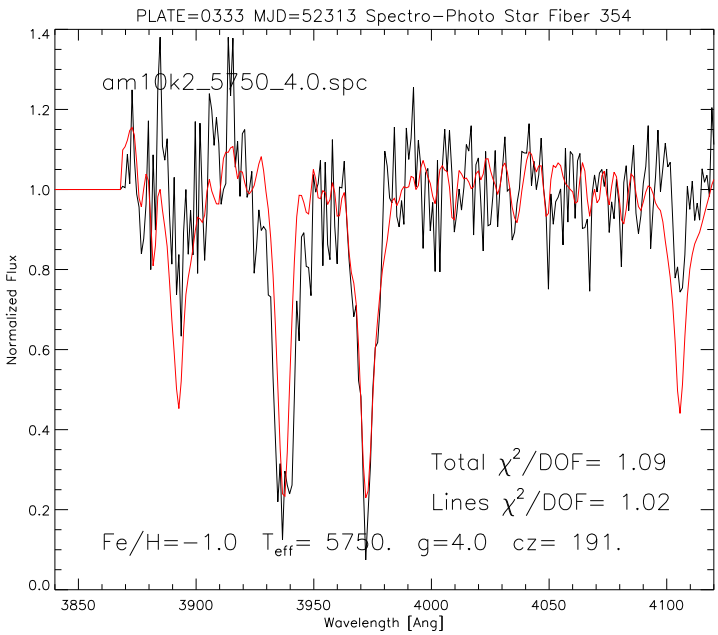

PLATE=0333 MJD=52313 Spectro−Photo Calib for r1−00013003
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
60
50
40
30
20
5800
6000
6200
6400
6600
6800
7000
7200
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
20
15
10
5
7500
8000
8500
9000

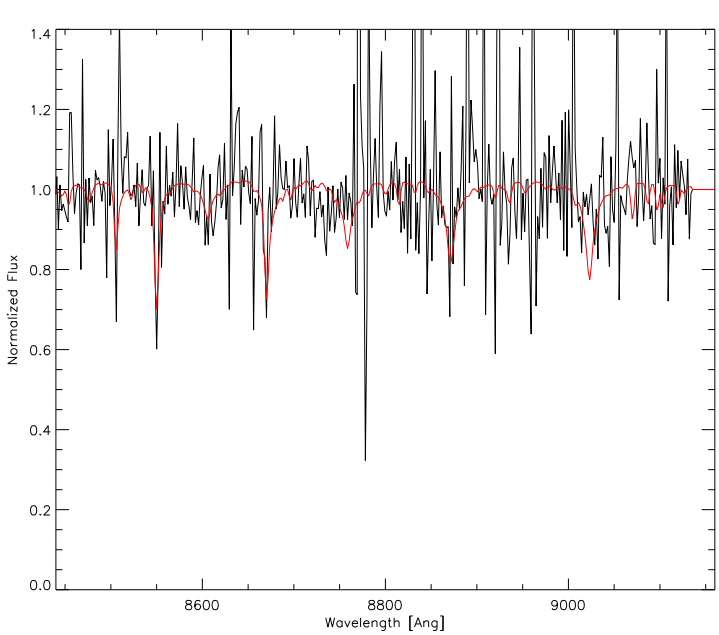

PLATE=0333 MJD=52313 Spectro-Photo Star Fiber 326
am10k2_6250_4.0.spc
Total χ^2/DOF= 0.78
Lines χ^2/DOF= 1.21
Fe/H=−1.0 T_{eff}= 6250. g=4.0 cz= 145.
Normalized Flux
Wavelength [Ang]

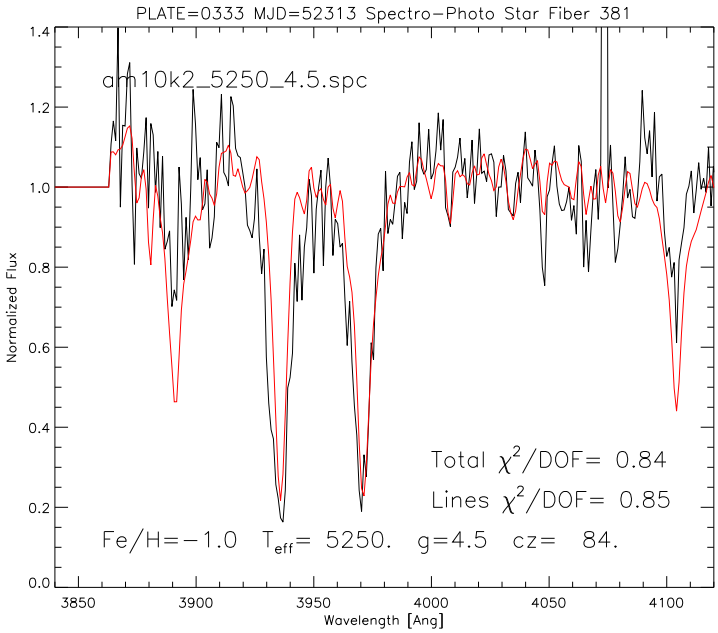

Normalized Flux
Wavelength [Ang]

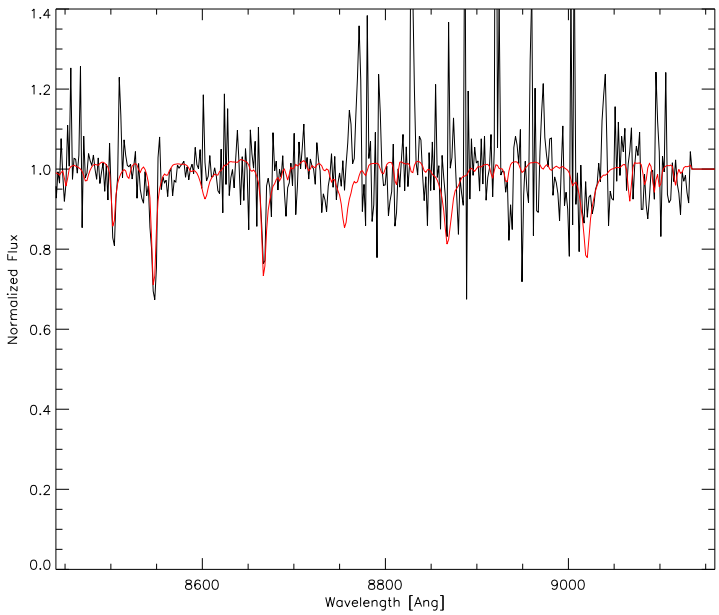

PLATE=0333 MJD=52313 Spectro-Photo Star Fiber 349
am10k2_5500_4.0.spc
Total χ^2/DOF= 1.18
Lines χ^2/DOF= 1.63
Fe/H=−1.0 T_{eff}= 5500. g=4.0 cz= −28.
Normalized Flux
Wavelength [Ang]

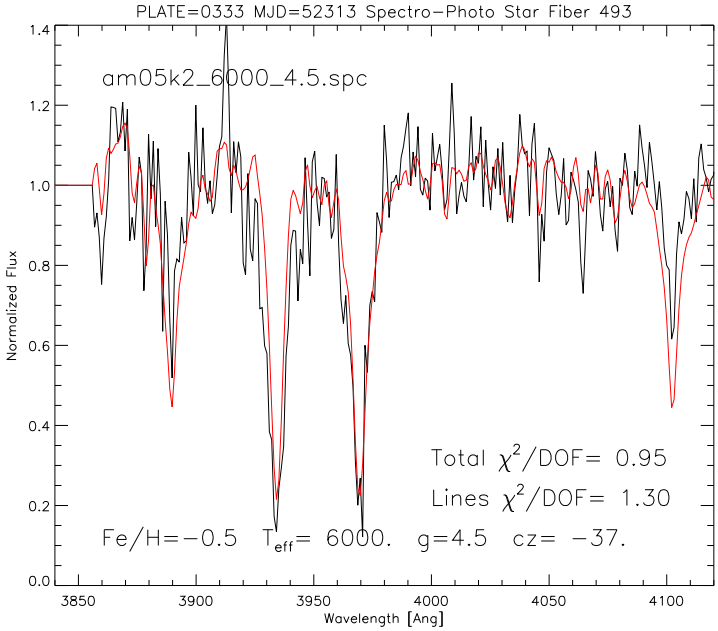

Normalized Flux
Wavelength [Ang]

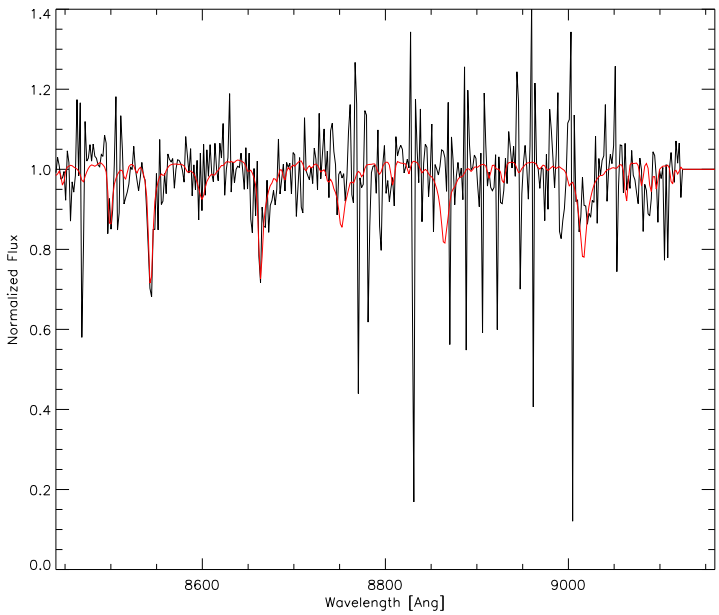

PLATE=0333 MJD=52313 Spectro-Photo Star Fiber 354
am10k2_5750_4.0.spc
Total χ^2/DOF= 1.09
Lines χ^2/DOF= 1.02
Fe/H=−1.0 T_{eff}= 5750. g=4.0 cz= 191.
Normalized Flux
Wavelength [Ang]

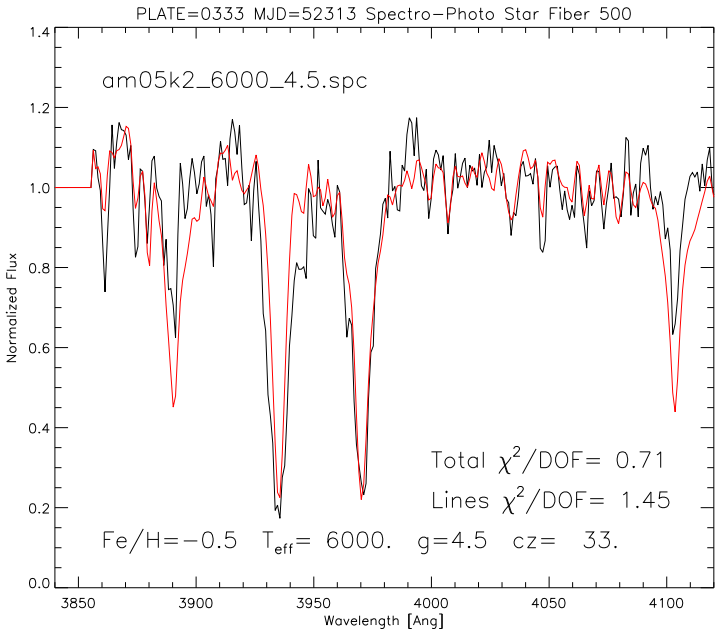

Normalized Flux
Wavelength [Ang]

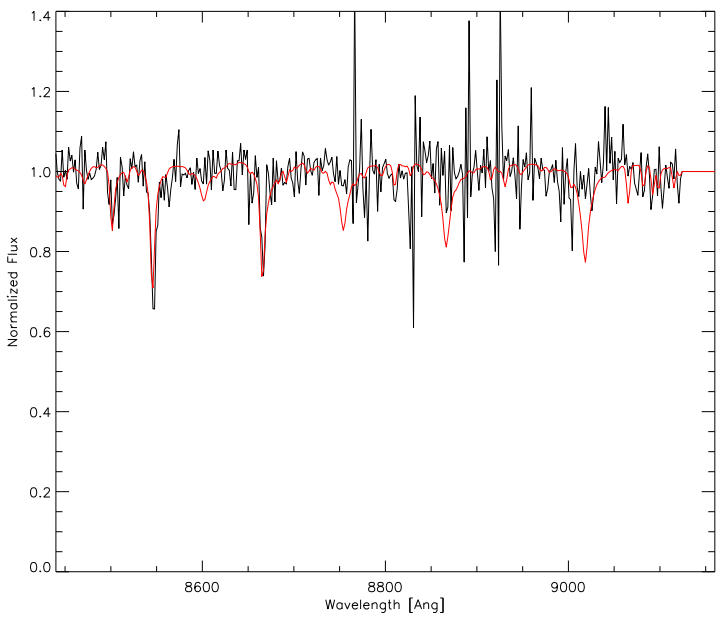

PLATE=0333 MJD=52313 Spectro-Photo Star Fiber 381
am10k2_5250_4.5.spc
Total χ^2/DOF= 0.84
Lines χ^2/DOF= 0.85
Fe/H=−1.0 T_{eff}= 5250. g=4.5 cz= 84.
Normalized Flux
Wavelength [Ang]

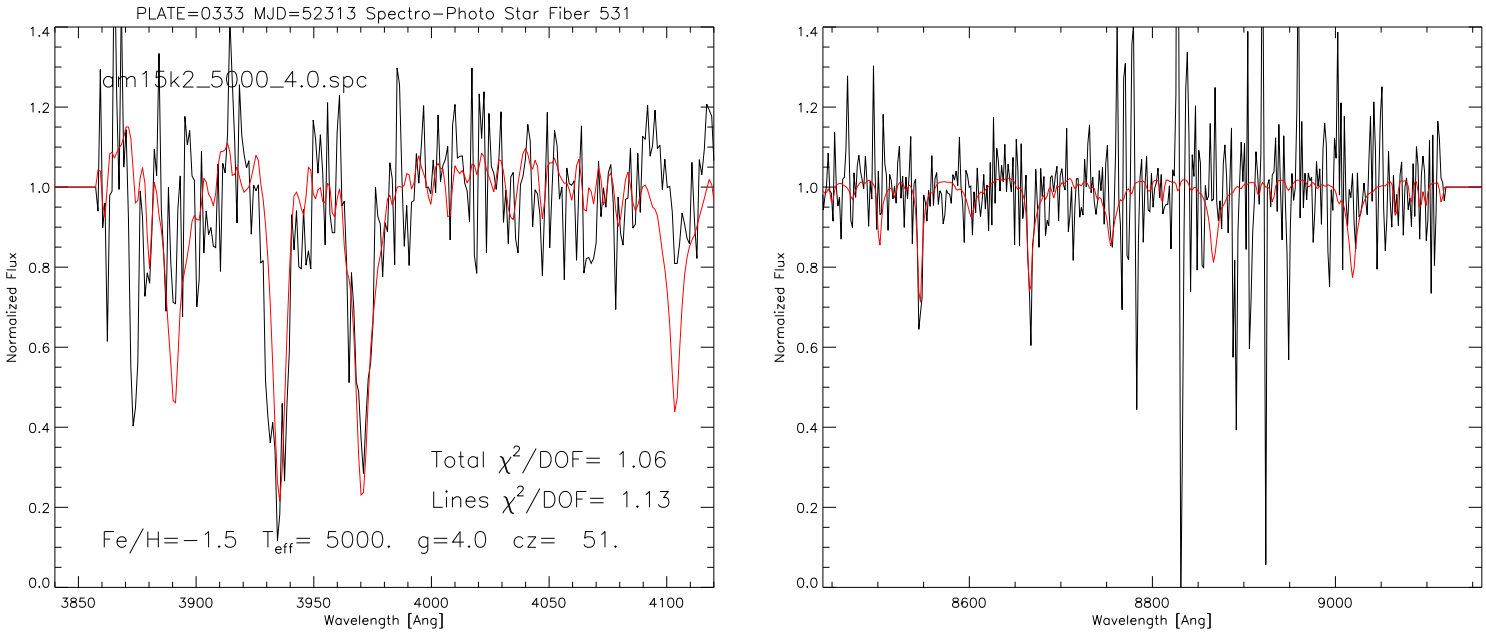

Normalized Flux
Wavelength [Ang]

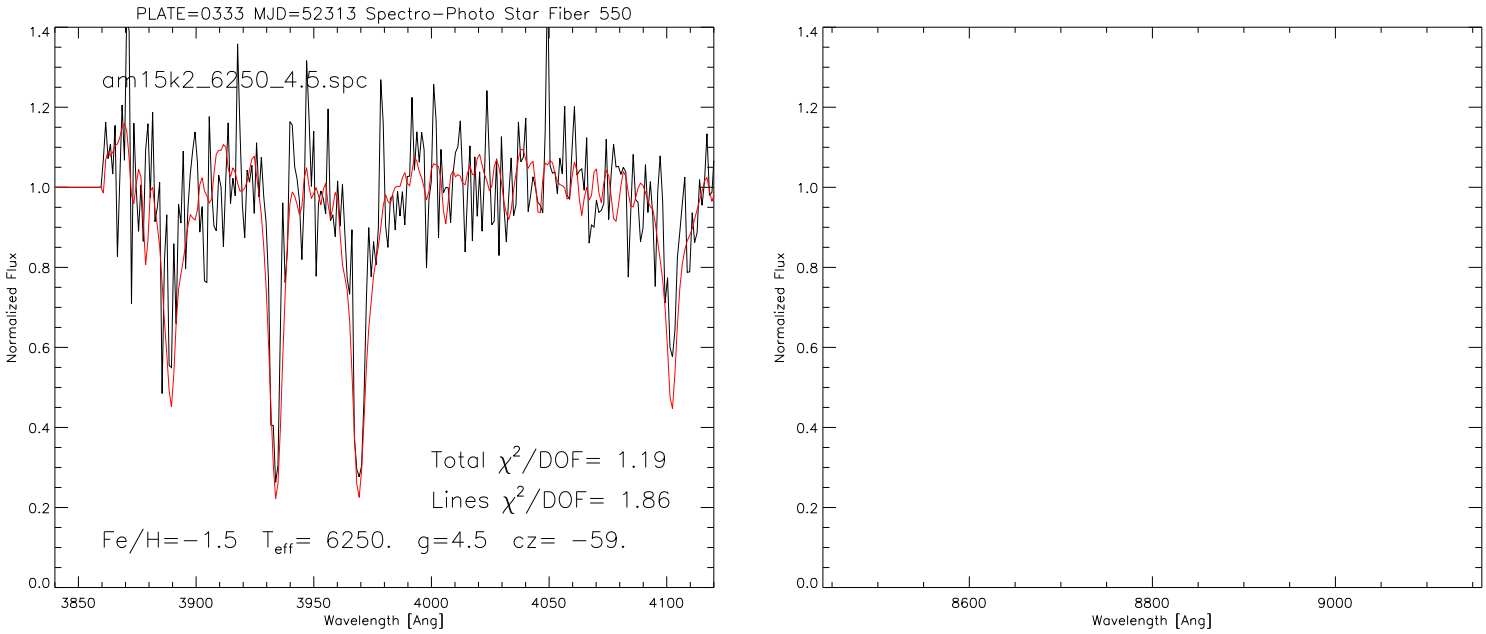

PLATE=0333 MJD=52313 Spectro-Photo Star Fiber 493
am05k2_6000_4.5.spc
Total χ^2/DOF= 0.95
Lines χ^2/DOF= 1.30
Fe/H=−0.5 T_{eff}= 6000. g=4.5 cz= −37.
Normalized Flux
Wavelength [Ang]

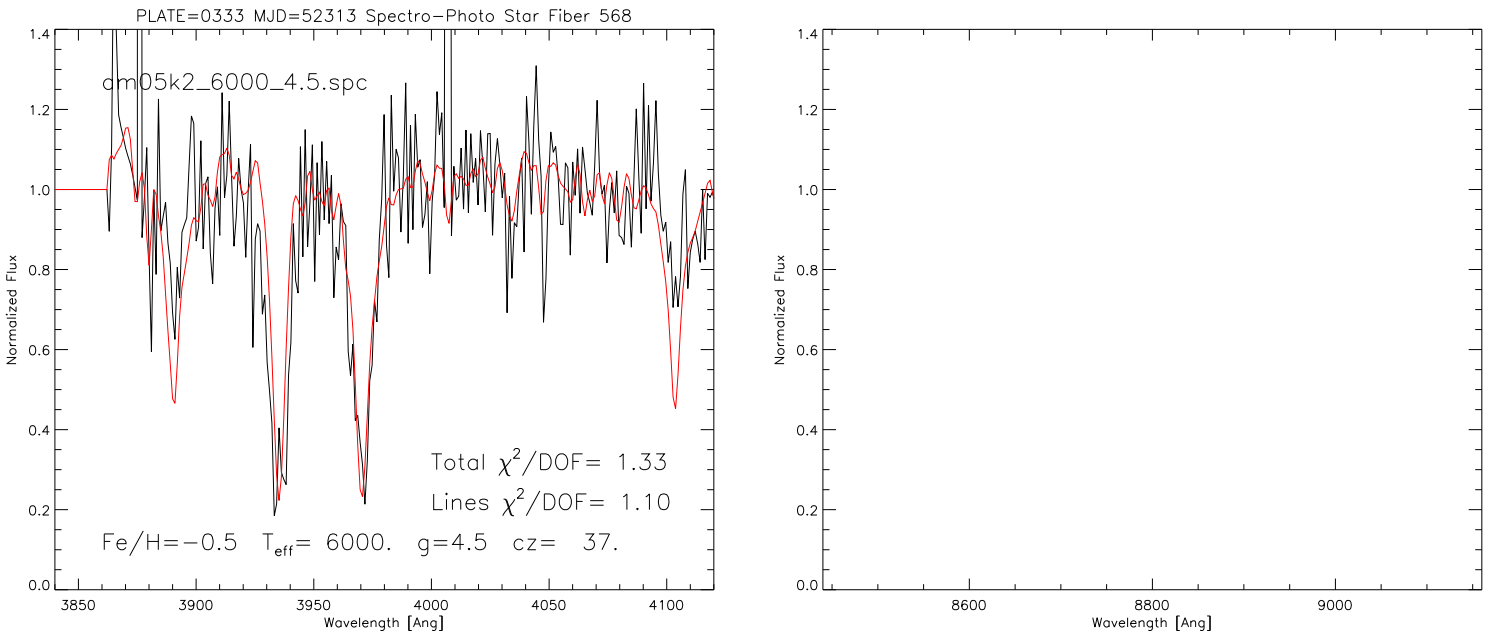

Normalized Flux
Wavelength [Ang]

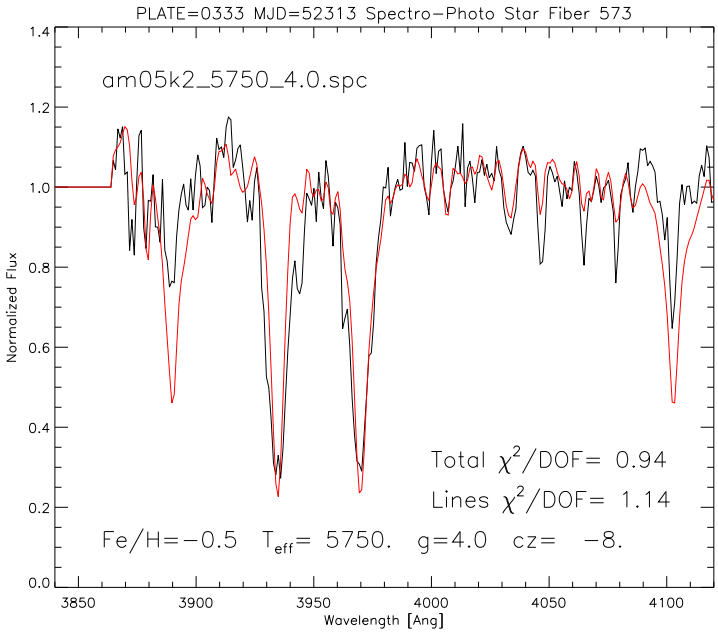

PLATE=0333 MJD=52313 Spectro-Photo Star Fiber 500
am05k2_6000_4.5.spc
Total χ^2/DOF= 0.71
Lines χ^2/DOF= 1.45
Fe/H=−0.5 T_{eff}= 6000. g=4.5 cz= 33.
Normalized Flux
Wavelength [Ang]

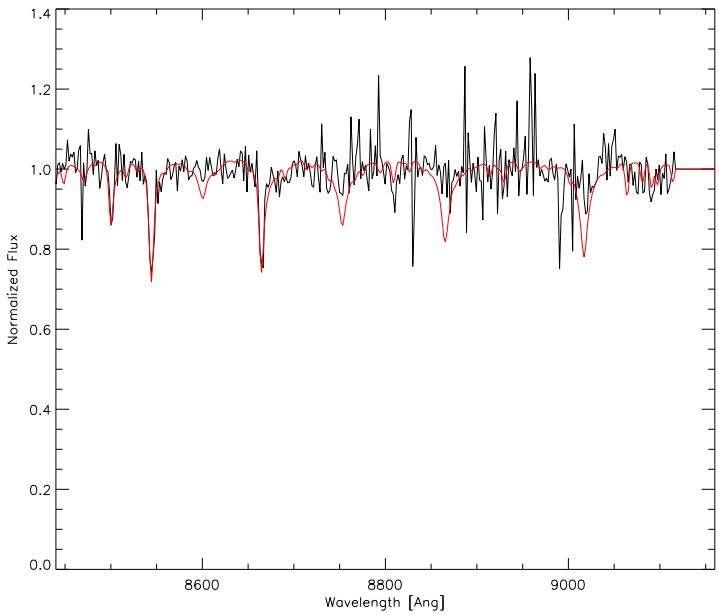

Normalized Flux
Wavelength [Ang]

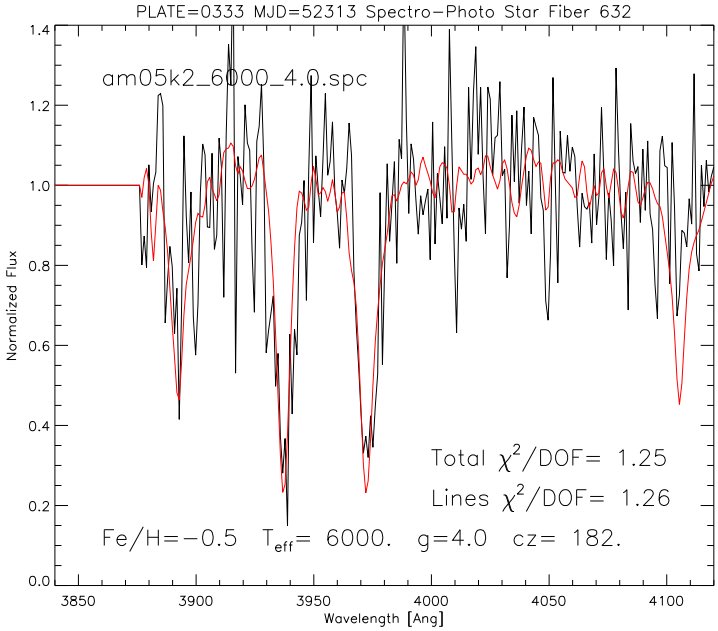

PLATE=0333 MJD=52313 Spectro-Photo Star Fiber 531
am15k2_5000_4.0.spc
Total χ^2/DOF= 1.06
Lines χ^2/DOF= 1.13
Fe/H=−1.5 T_{eff}= 5000. g=4.0 cz= 51.
Normalized Flux
Wavelength [Ang]

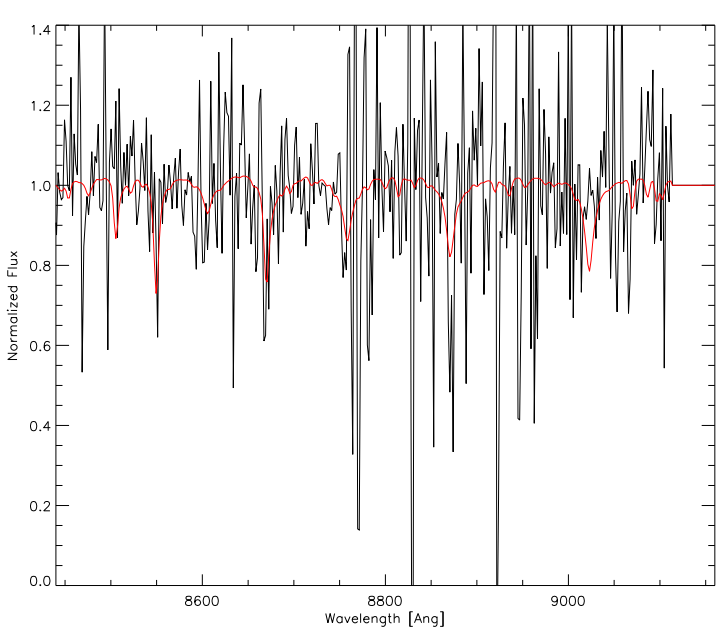

PLATE=0333 MJD=52313 Spectro-Photo Star Fiber 550
am15k2_6250_4.5.spc
Total χ^2/DOF= 1.19
Lines χ^2/DOF= 1.86
Fe/H=−1.5 T_{eff}= 6250. g=4.5 cz= −59.
Normalized Flux
Wavelength [Ang]

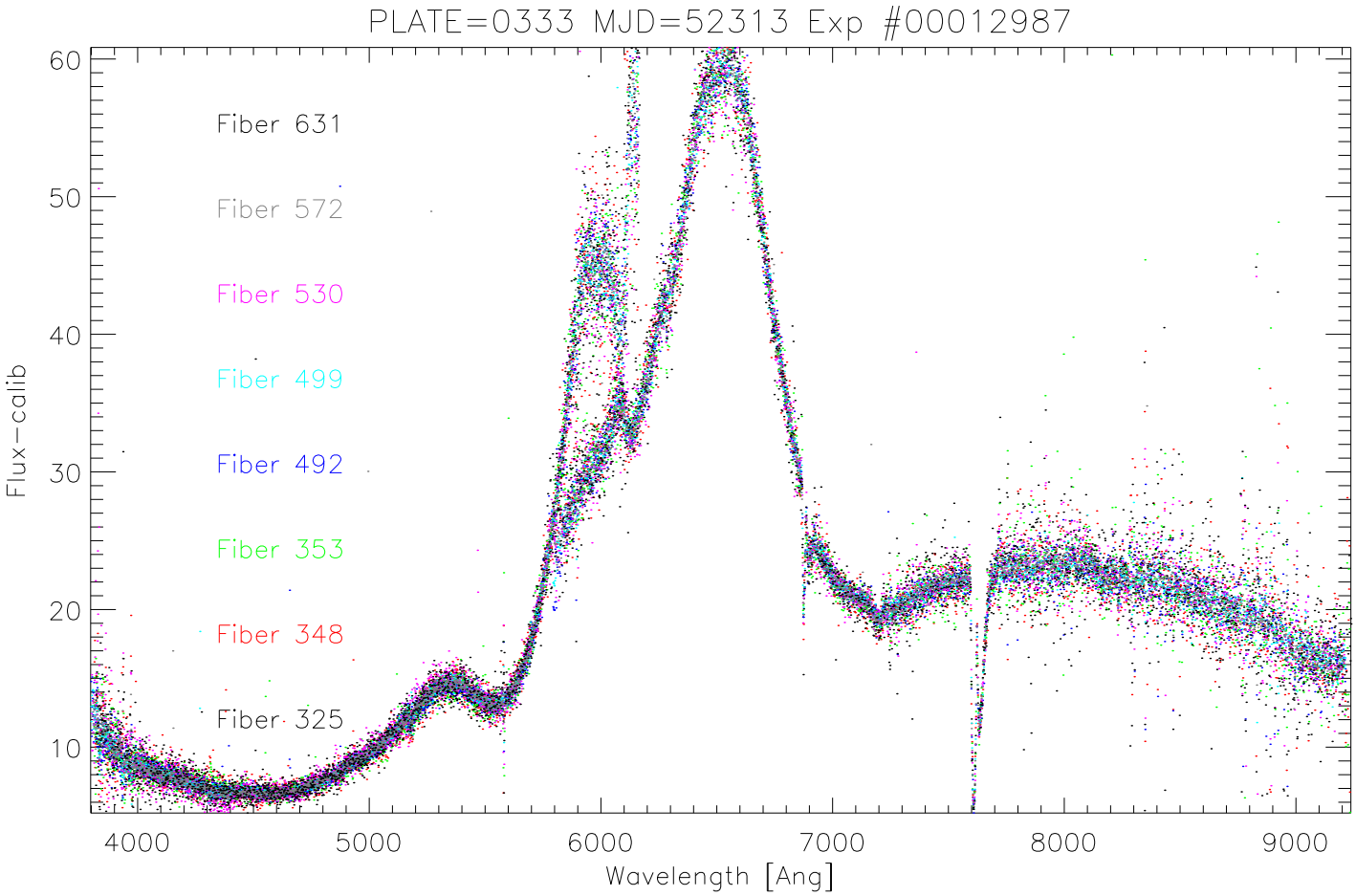

PLATE=0333 MJD=52313 Spectro-Photo Star Fiber 568
am05k2_6000_4.5.spc
Total χ^2/DOF= 1.33
Lines χ^2/DOF= 1.10
Fe/H=−0.5 T_{eff}= 6000. g=4.5 cz= 37.
Normalized Flux
Wavelength [Ang]

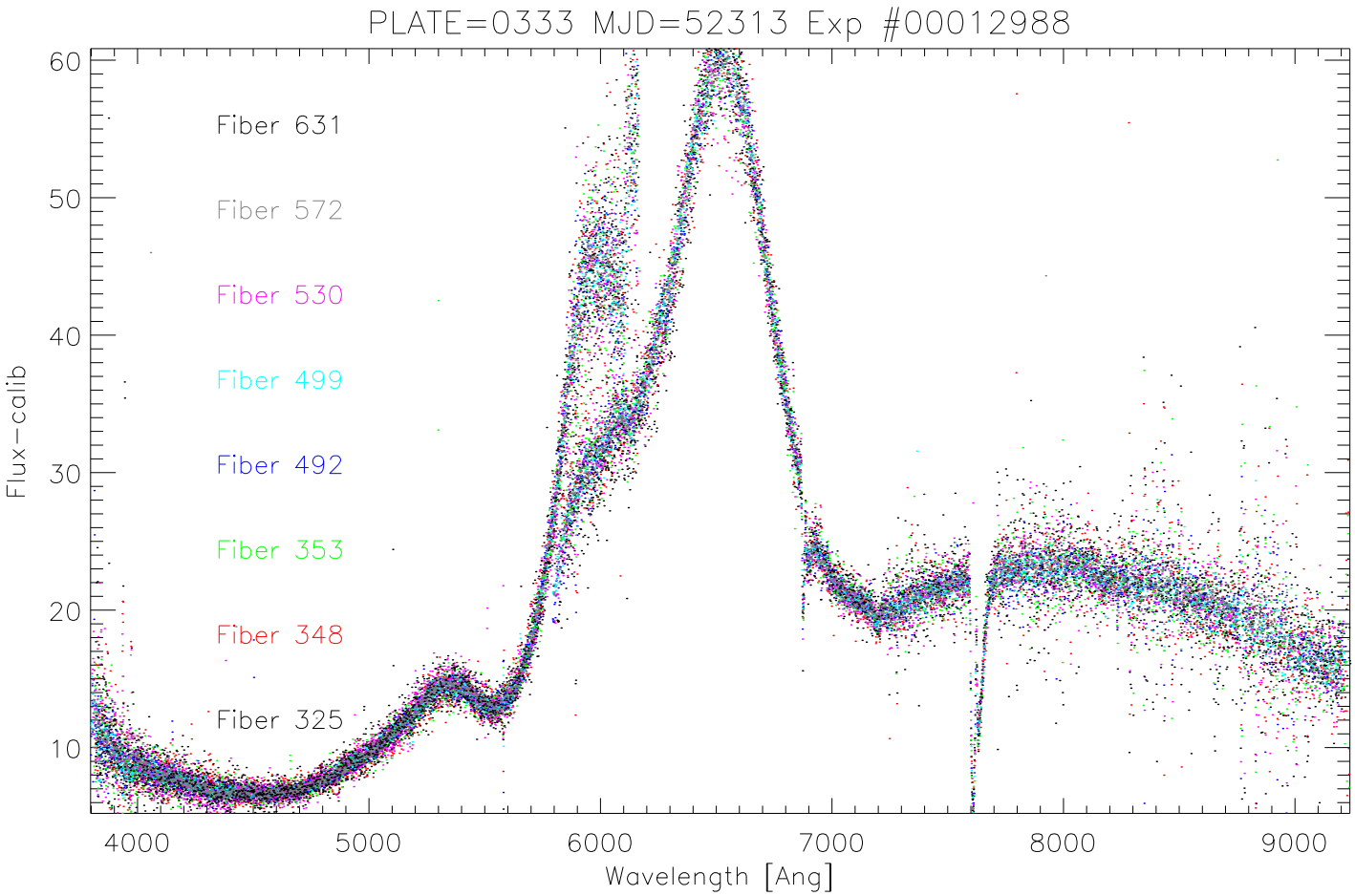

PLATE=0333 MJD=52313 Spectro-Photo Star Fiber 573
am05k2_5750_4.0.spc
Total χ^2/DOF= 0.94
Lines χ^2/DOF= 1.14
Fe/H=−0.5 T_{eff}= 5750. g=4.0 cz= −8.
Normalized Flux
Wavelength [Ang]

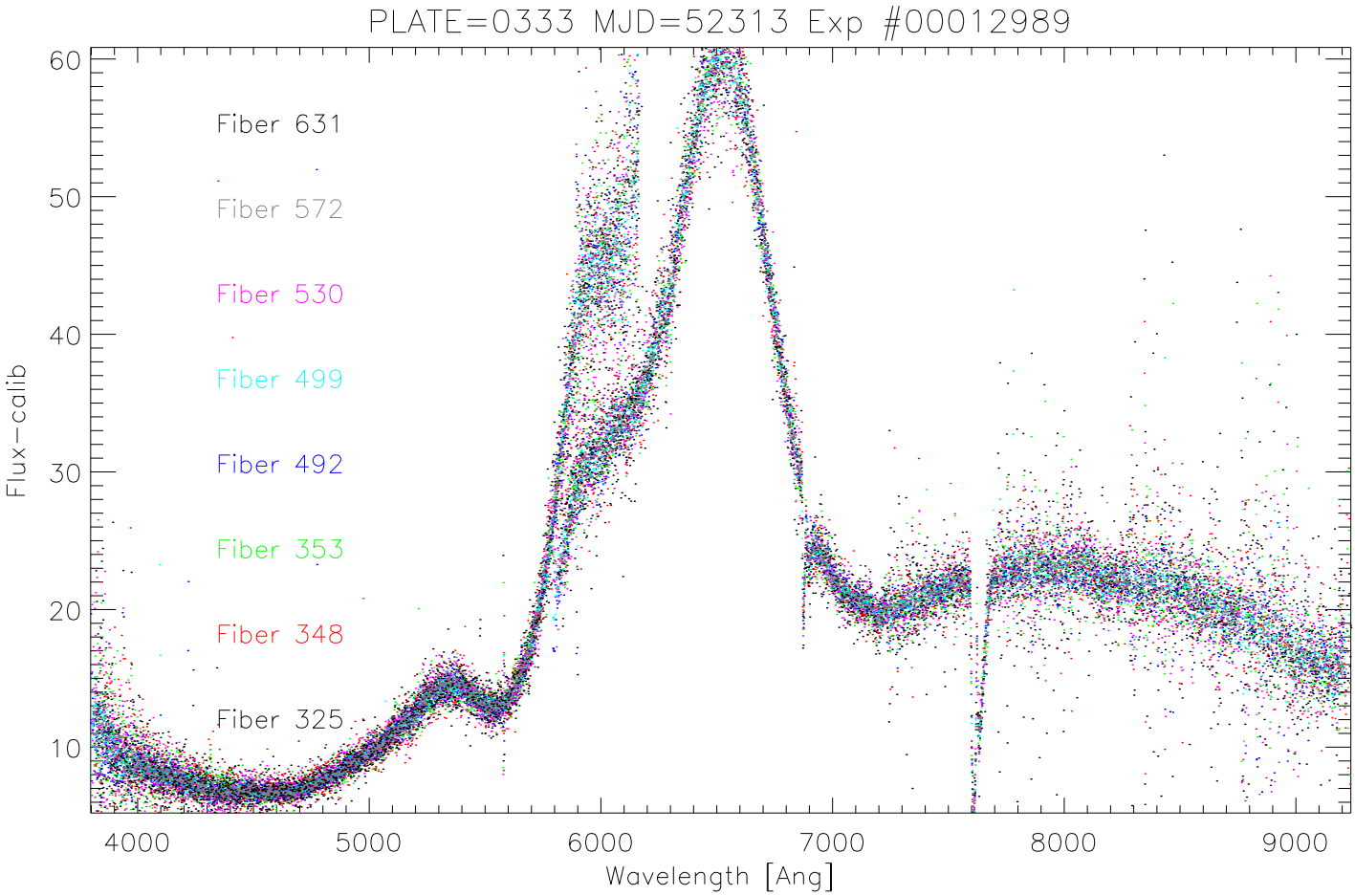

Normalized Flux
Wavelength [Ang]

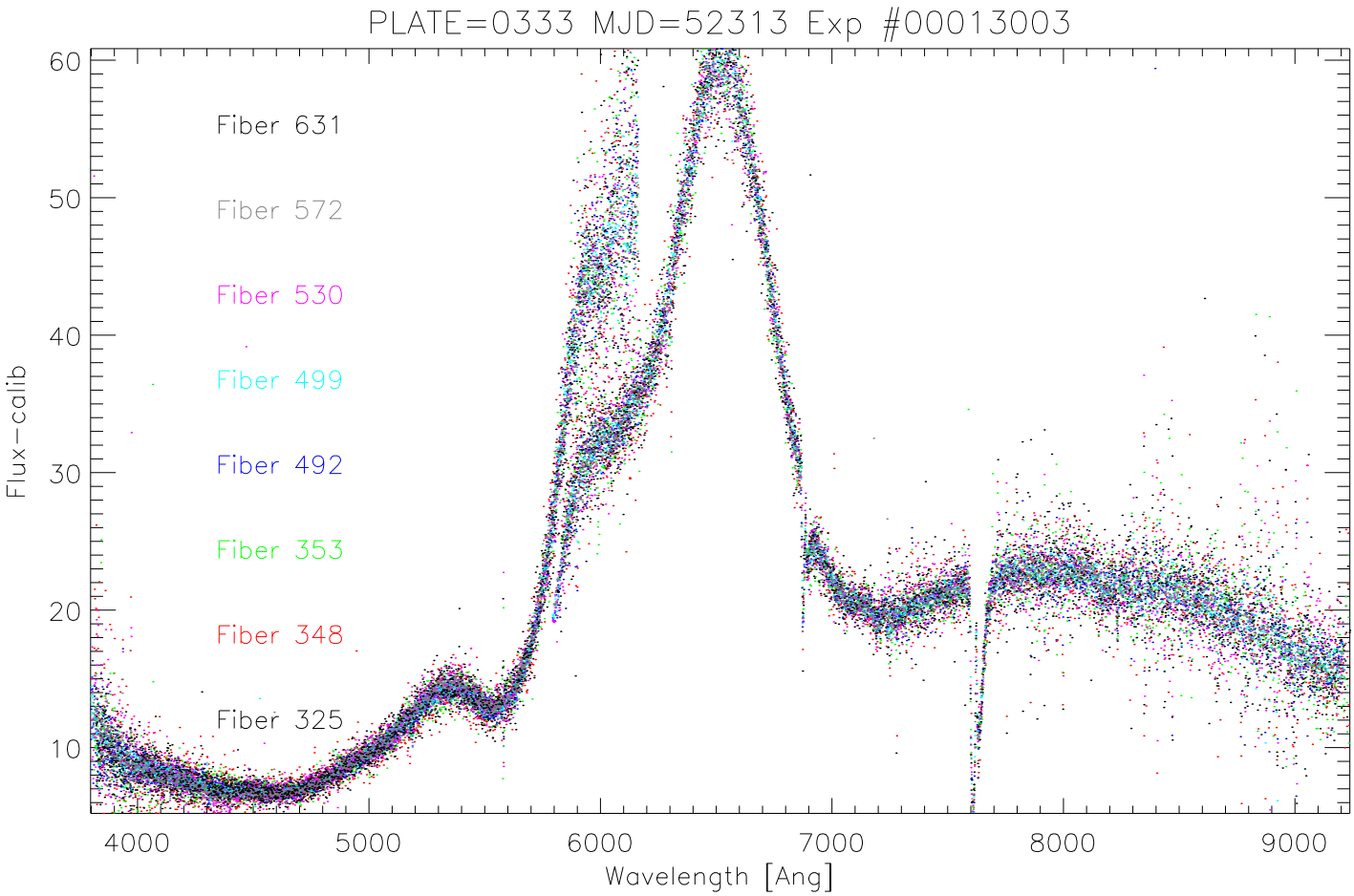

PLATE=0333 MJD=52313 Spectro-Photo Star Fiber 632
am05k2_6000_4.0.spc
Total χ^2/DOF= 1.25
Lines χ^2/DOF= 1.26
Fe/H=−0.5 T_{eff}= 6000. g=4.0 cz= 182.
Normalized Flux
Wavelength [Ang]

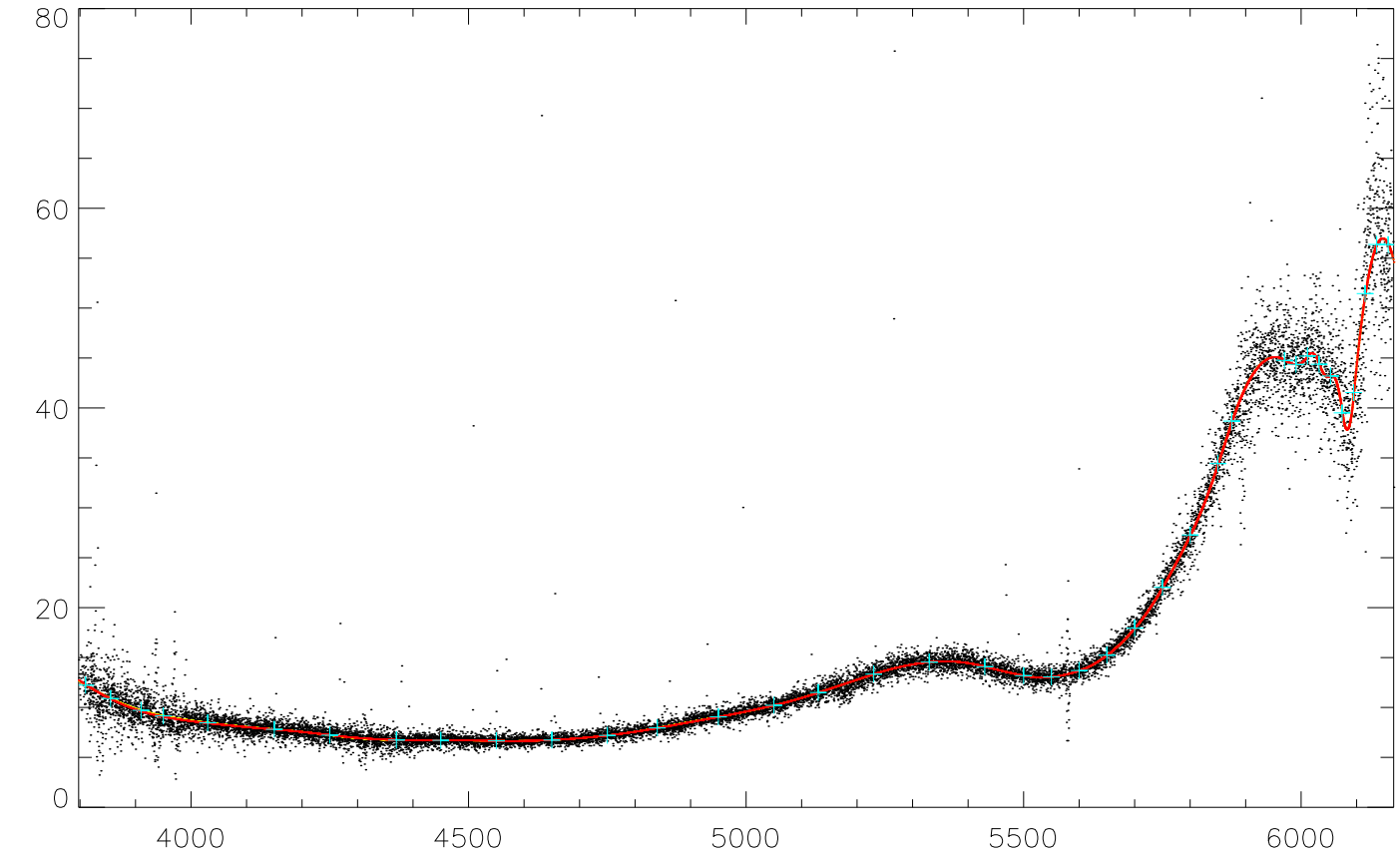

Normalized Flux
Wavelength [Ang]

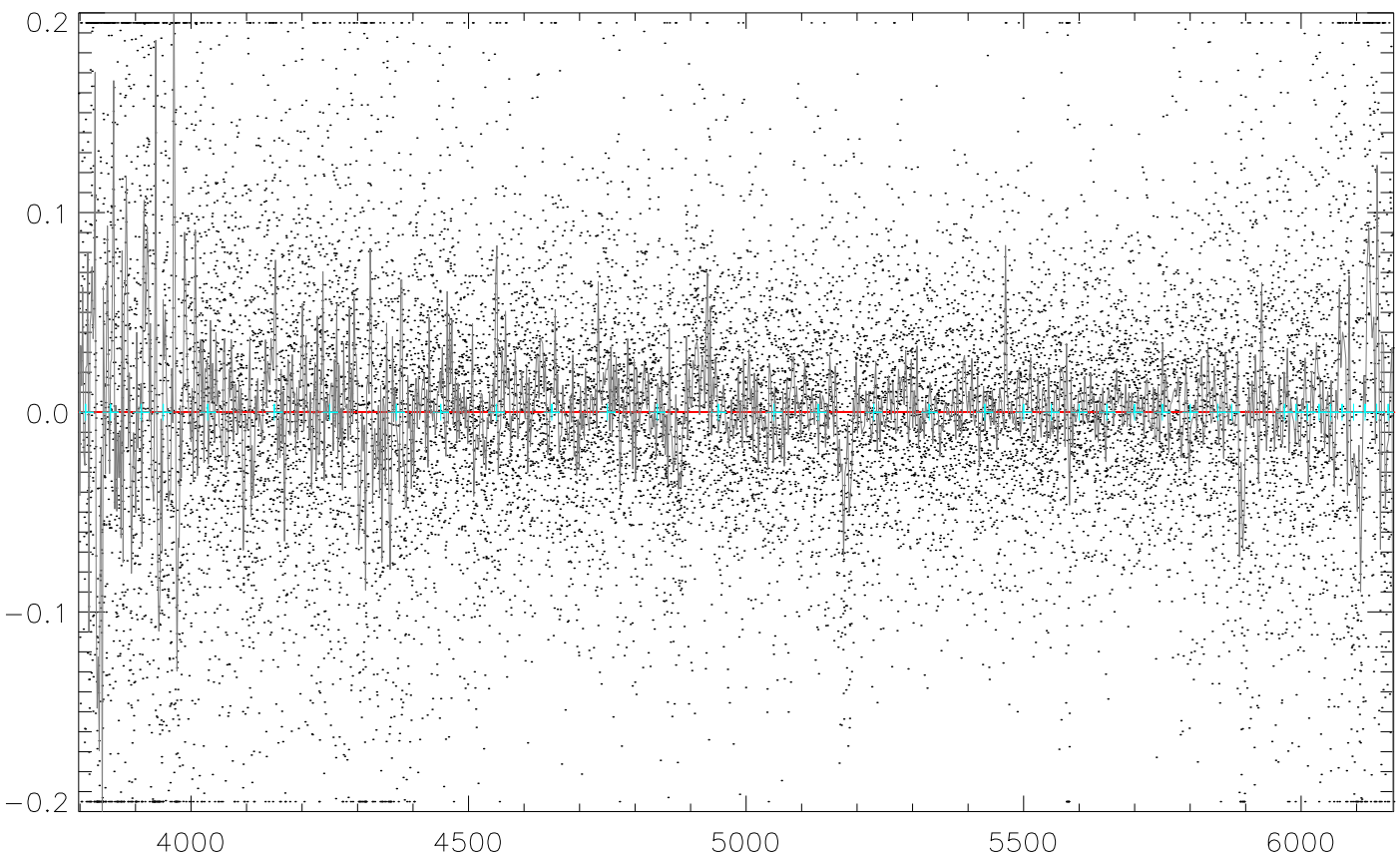

PLATE=0333 MJD=52313 Exp #00012987
Fiber 631
Fiber 572
Fiber 530
Fiber 499
Fiber 492
Fiber 353
Fiber 348
Fiber 325
Flux−calib
Wavelength [Ang]
60
50
40
30
20
10
4000
5000
6000
7000
8000
9000

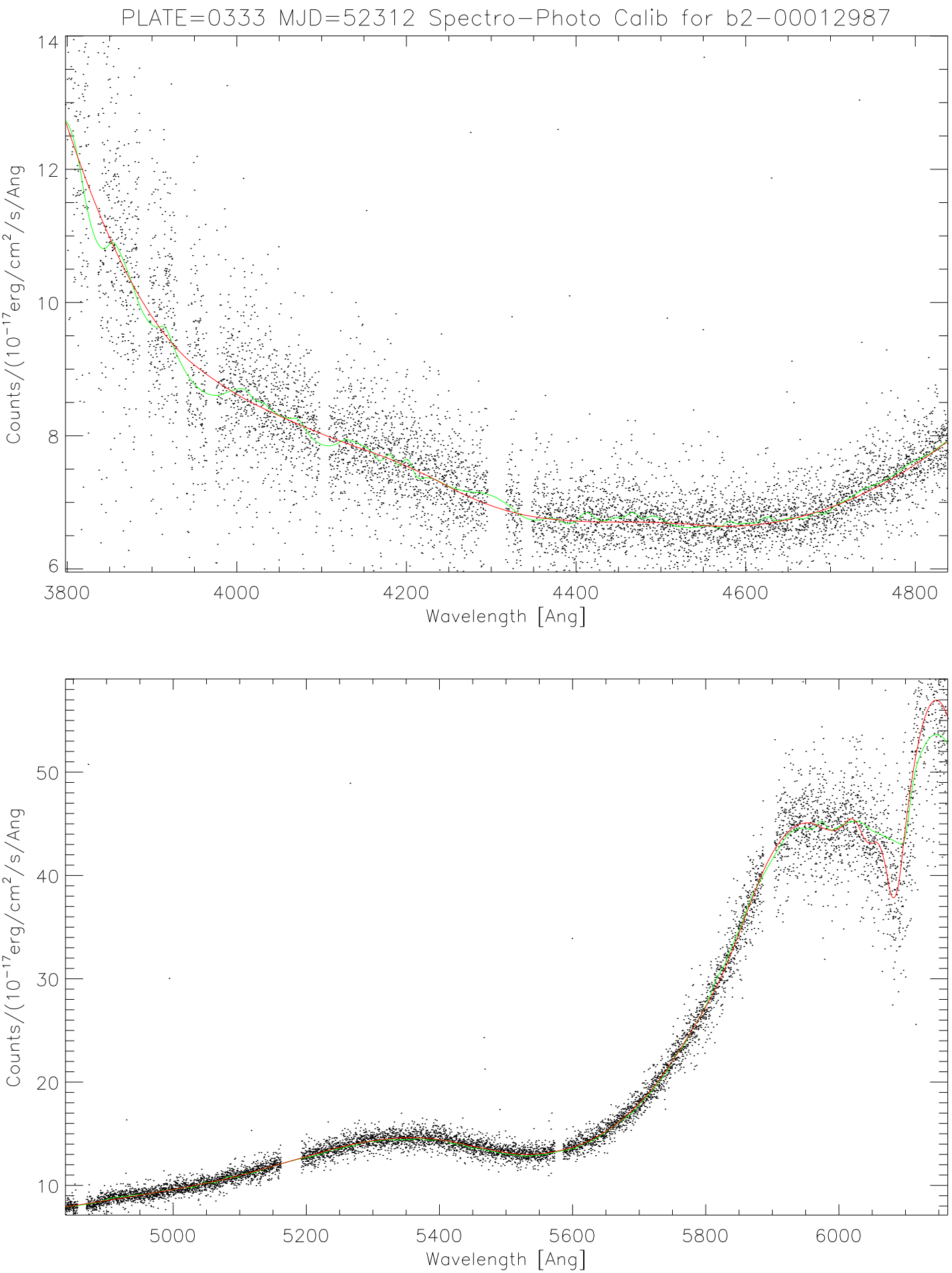

PLATE=0333 MJD=52313 Exp #00012988
Fiber 631
Fiber 572
Fiber 530
Fiber 499
Fiber 492
Fiber 353
Fiber 348
Fiber 325
Flux−calib
Wavelength [Ang]
60
50
40
30
20
10
4000
5000
6000
7000
8000
9000

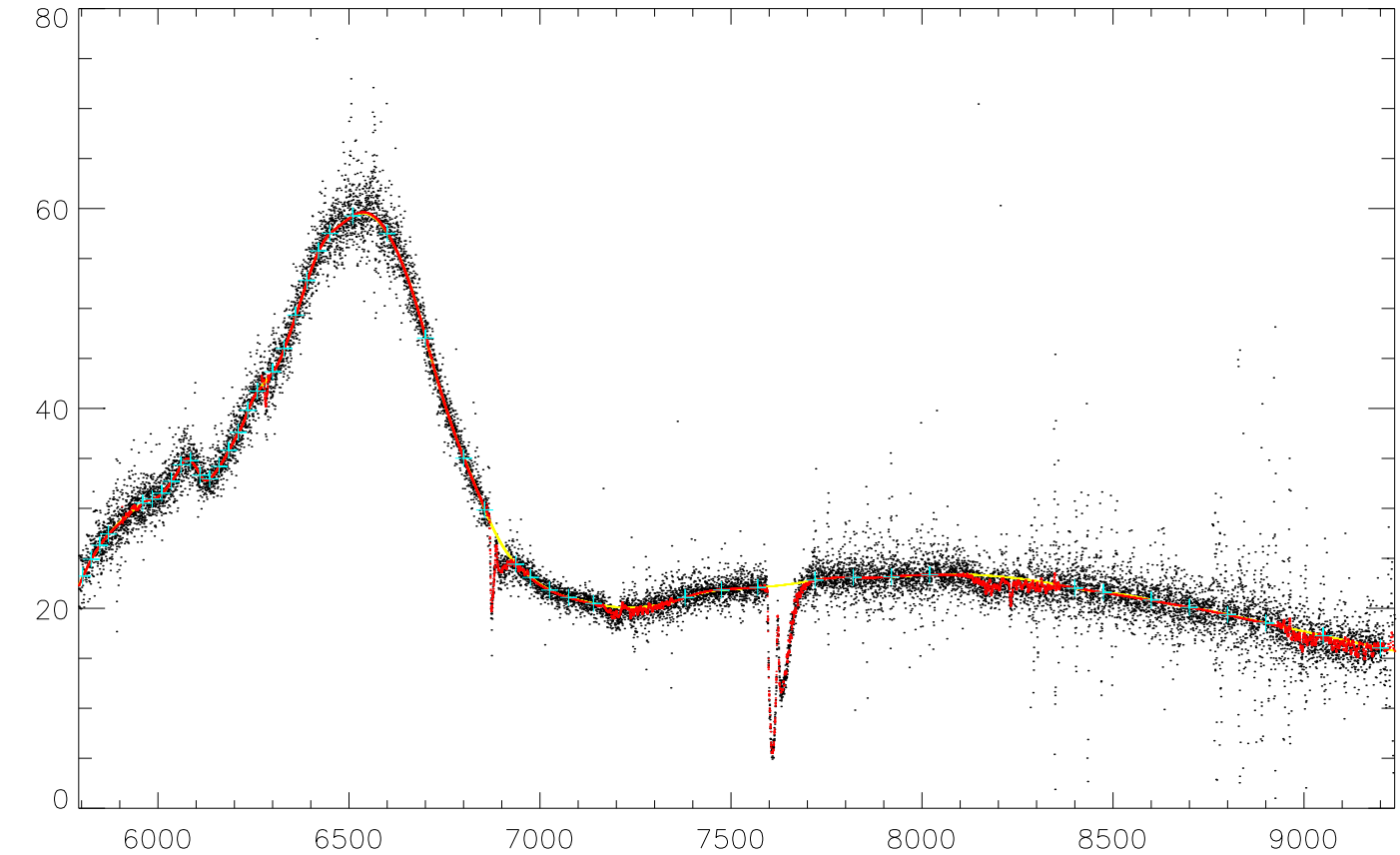

PLATE=0333 MJD=52313 Exp #00012989
Fiber 631
Fiber 572
Fiber 530
Fiber 499
Fiber 492
Fiber 353
Fiber 348
Fiber 325
Flux−calib
Wavelength [Ang]
60
50
40
30
20
10
4000
5000
6000
7000
8000
9000

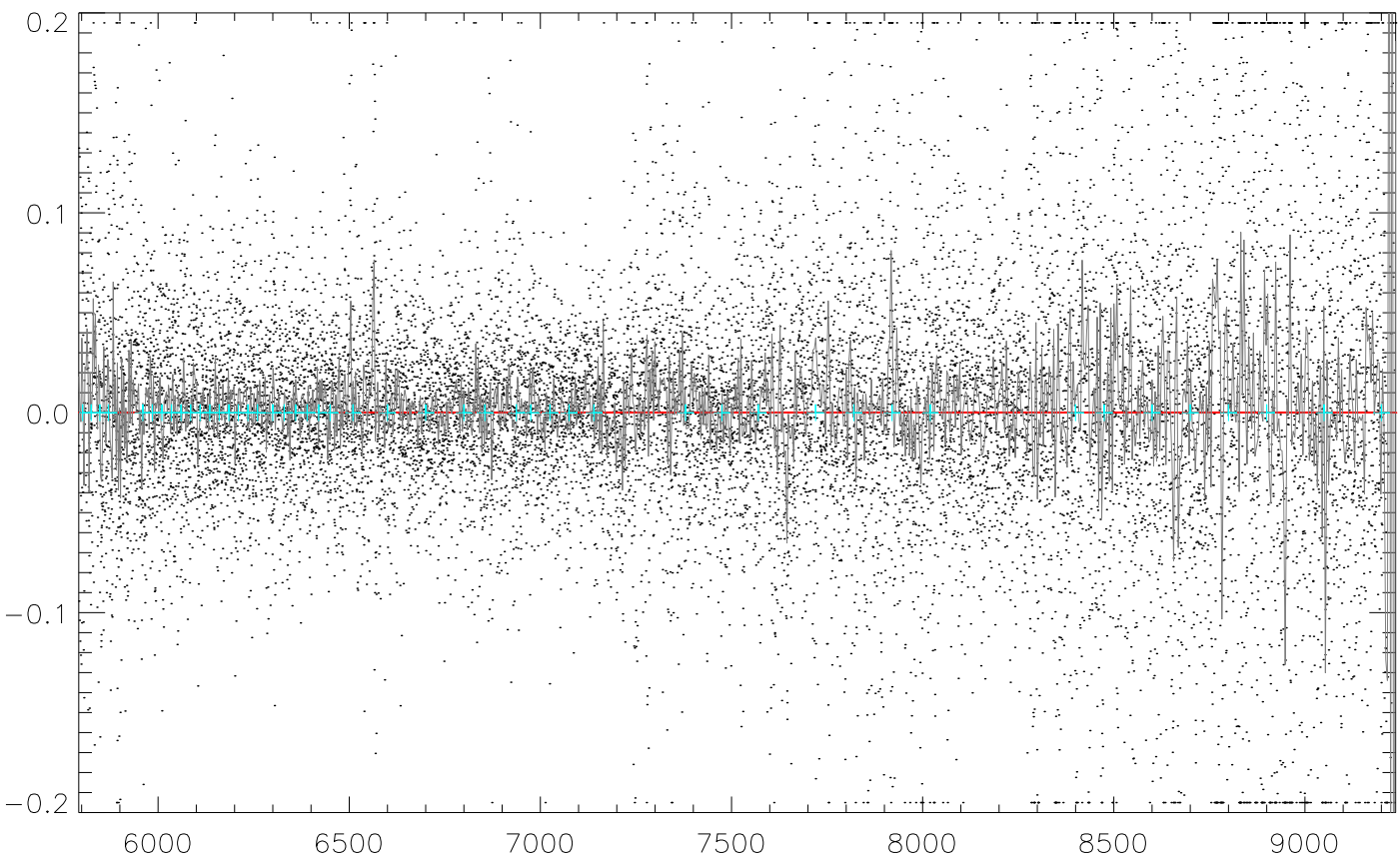

PLATE=0333 MJD=52313 Exp #00013003
Fiber 631
Fiber 572
Fiber 530
Fiber 499
Fiber 492
Fiber 353
Fiber 348
Fiber 325
Flux−calib
Wavelength [Ang]
60
50
40
30
20
10
4000
5000
6000
7000
8000
9000

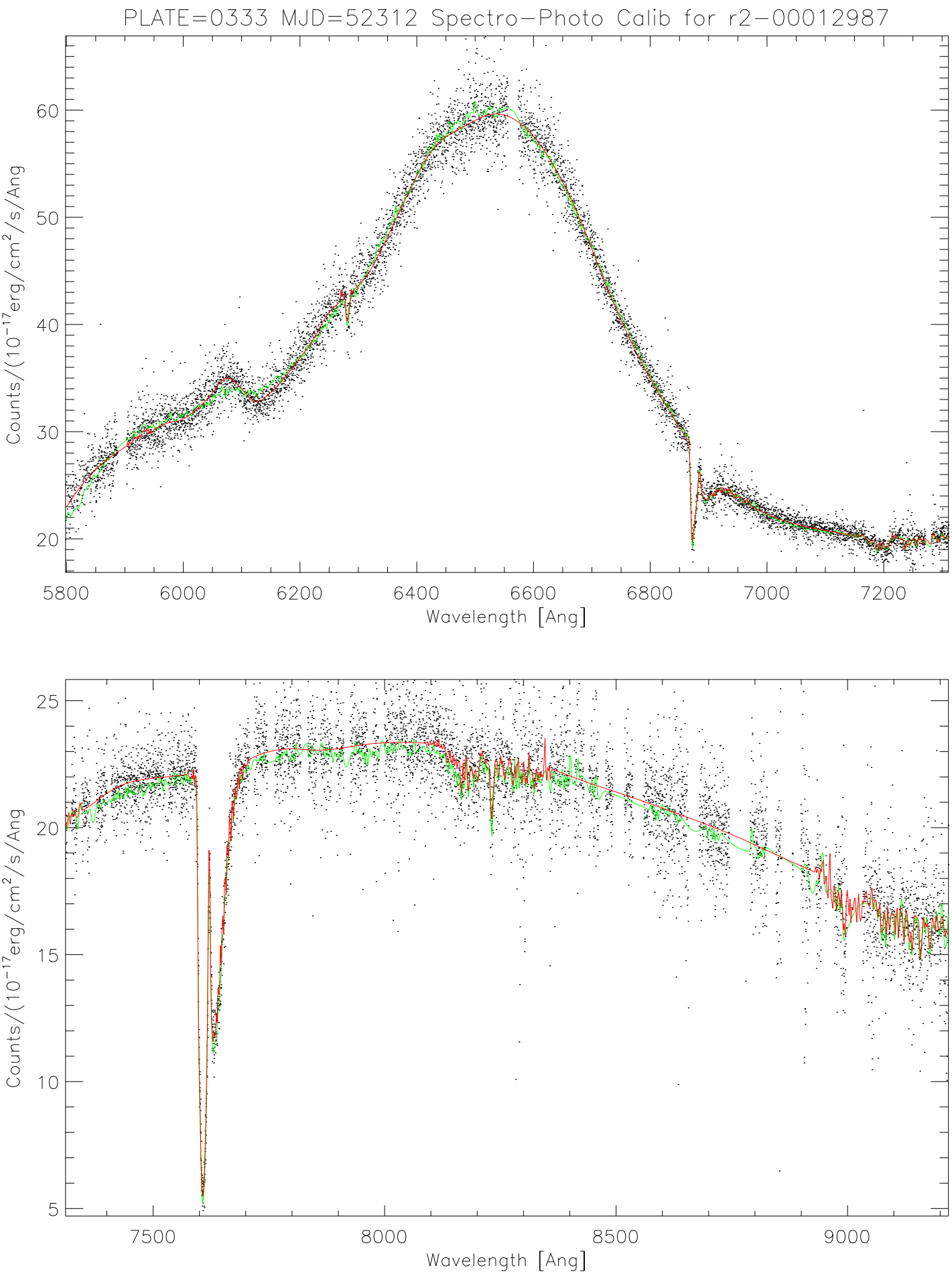

80
60
40
20
0
4000
4500
5000
5500
6000

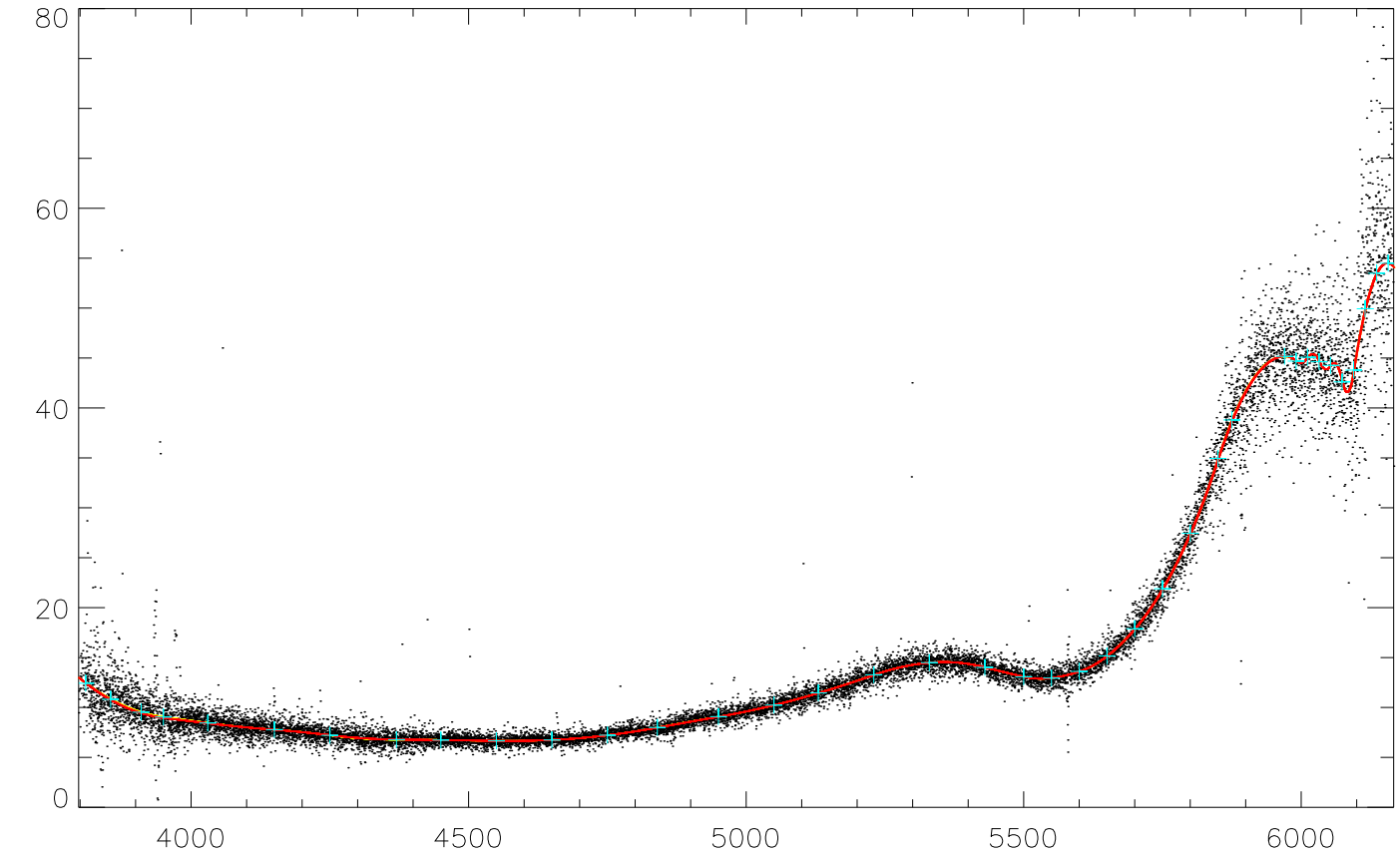

0.2
0.1
0.0
−0.1
−0.2
4000
4500
5000
5500
6000

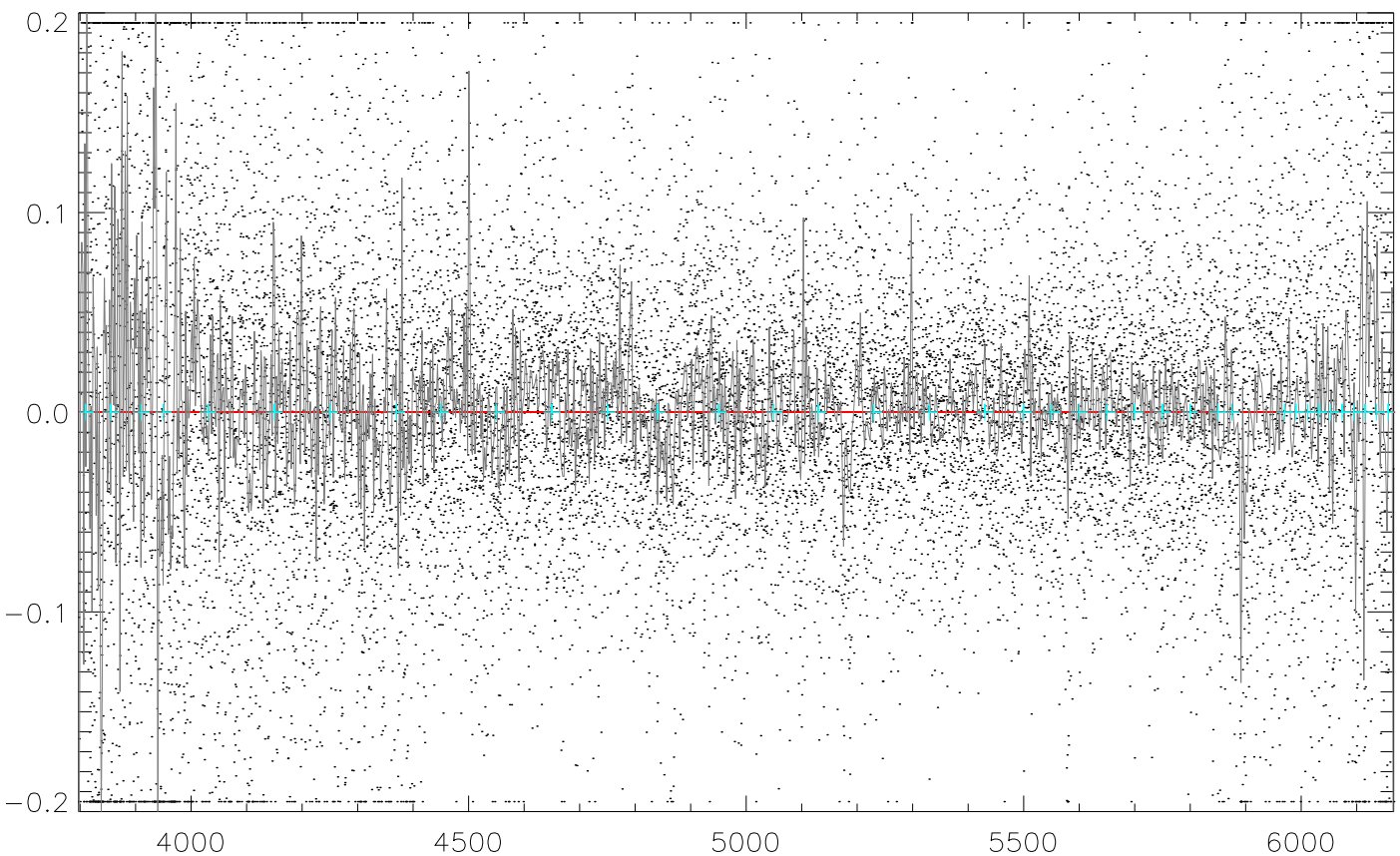

PLATE=0333 MJD=52312 Spectro−Photo Calib for b2−00012987
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
14
12
10
8
6
3800
4000
4200
4400
4600
4800
50
40
30
20
10
5000
5200
5400
5600
5800
6000

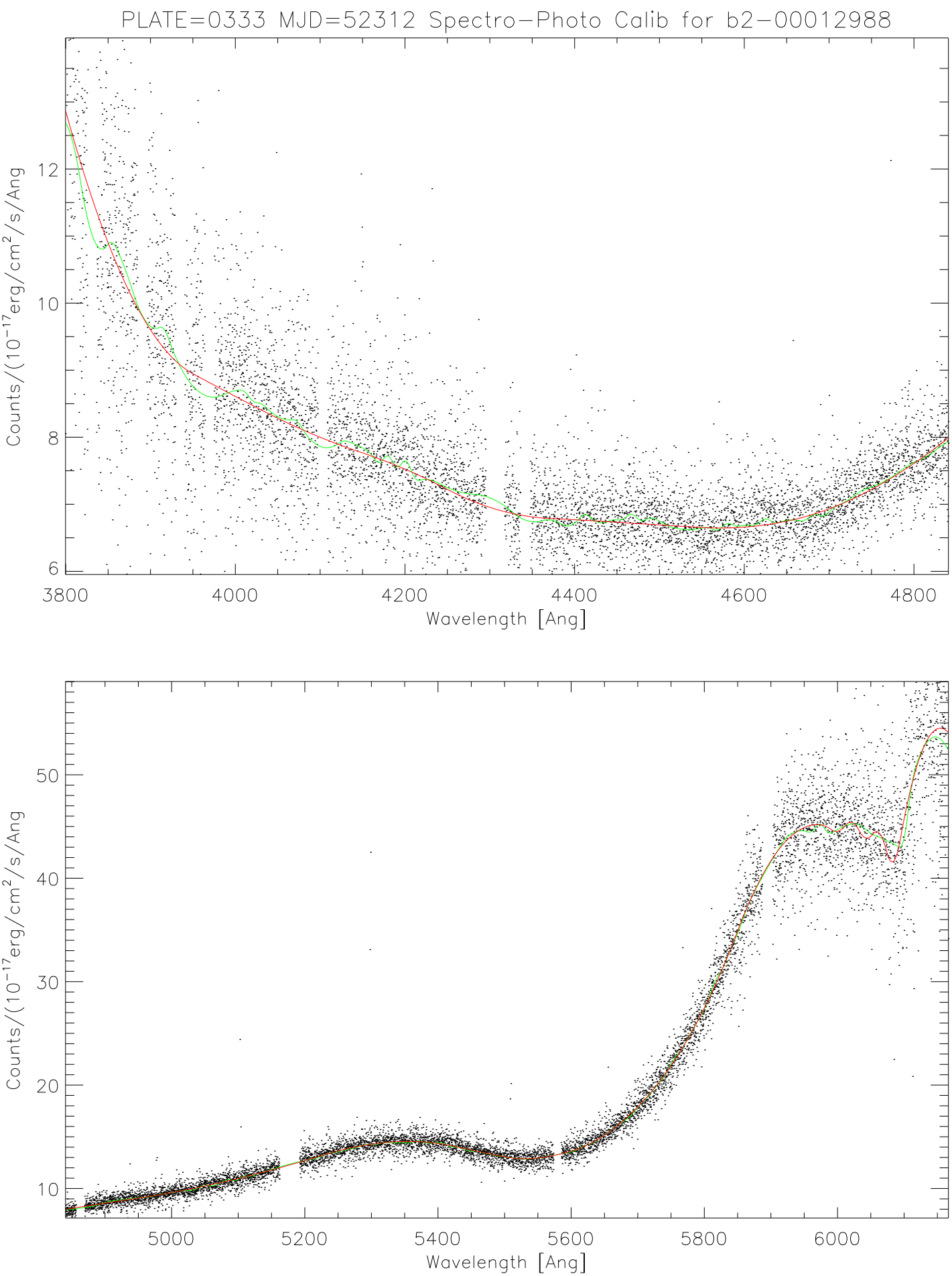

80
60
40
20
0
6000
6500
7000
7500
8000
8500
9000

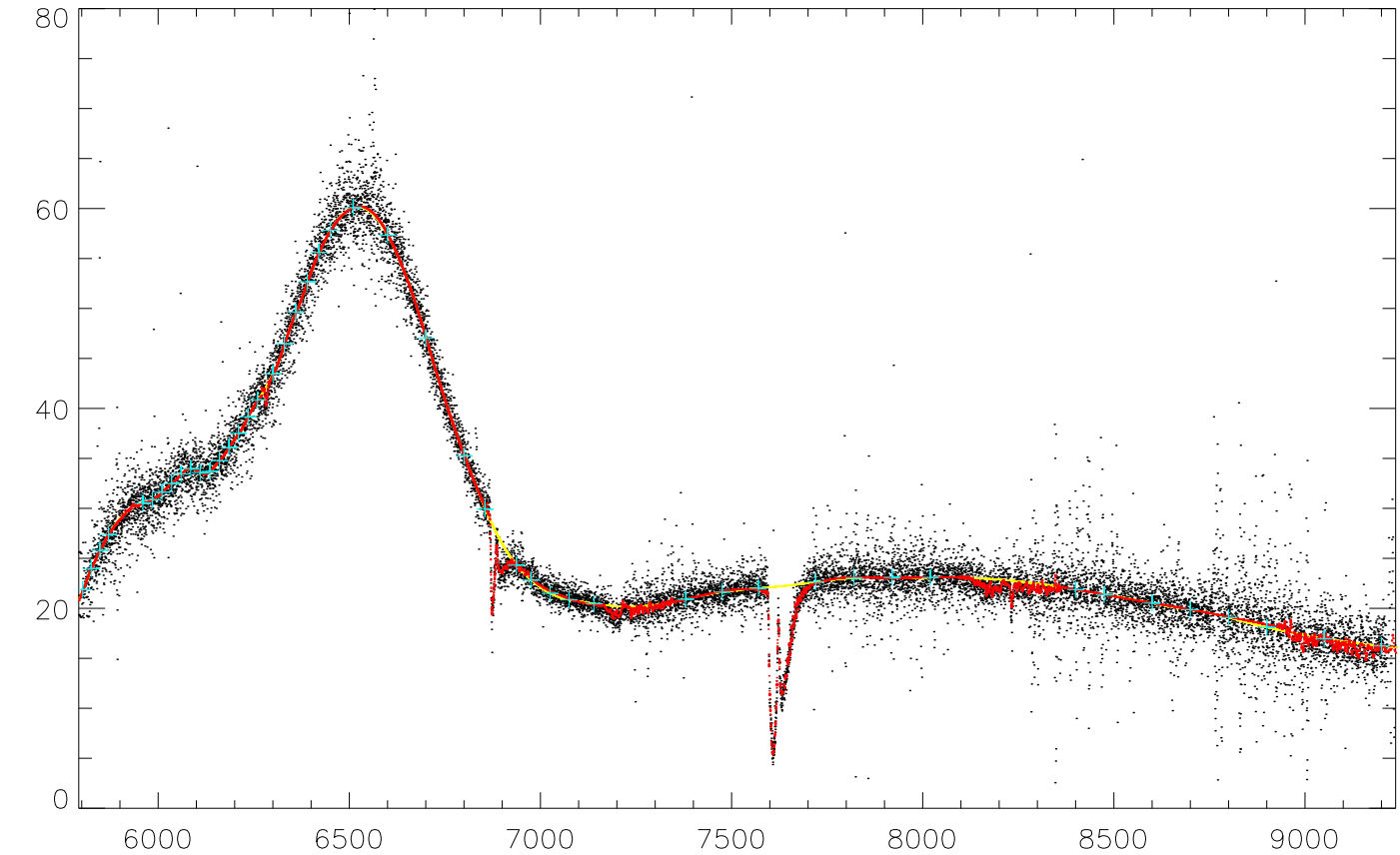

0.2
0.1
0.0
−0.1
−0.2
6000
6500
7000
7500
8000
8500
9000

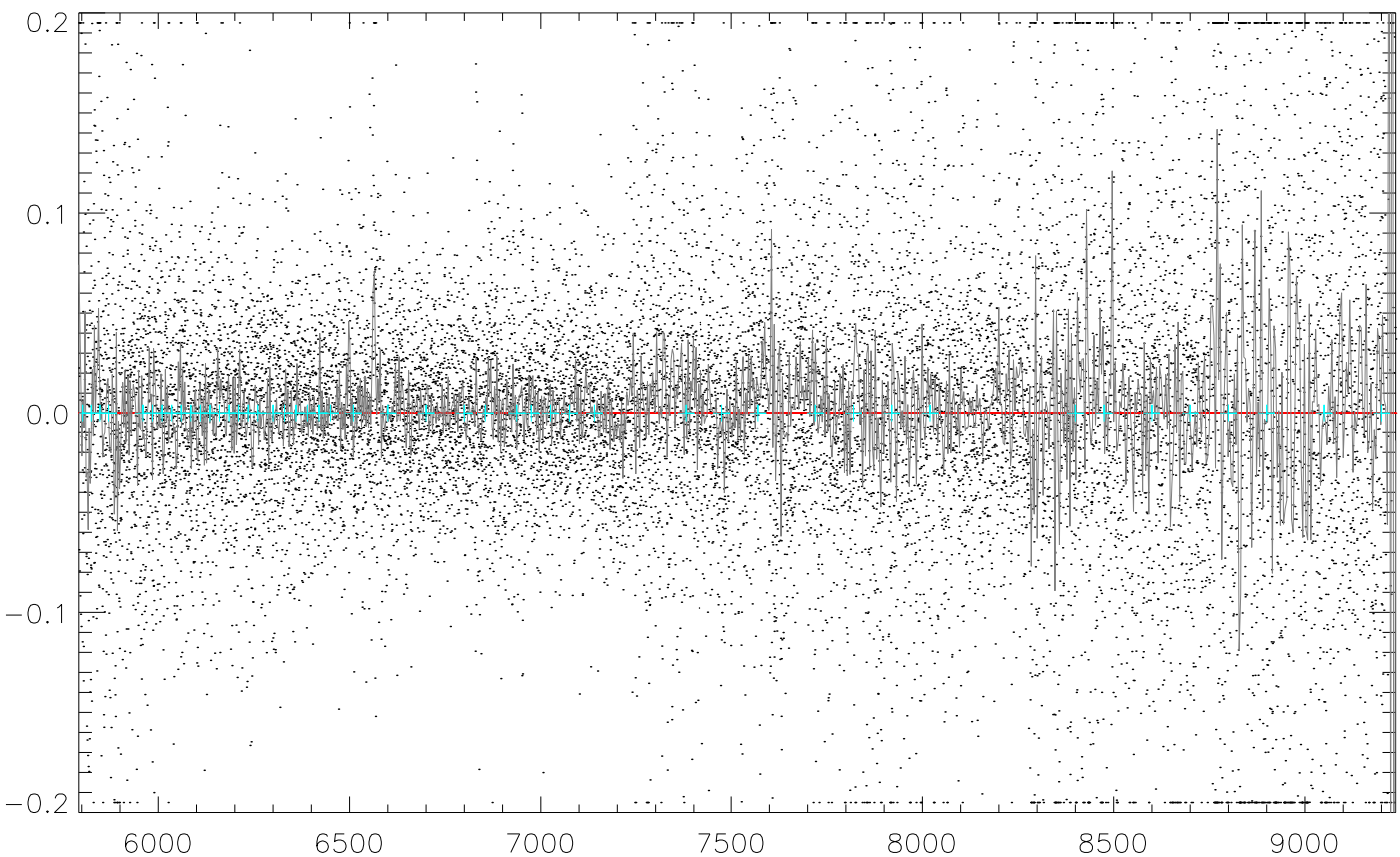

PLATE=0333 MJD=52312 Spectro−Photo Calib for r2−00012987
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
5800
6000
6200
6400
6600
6800
7000
7200
20
30
40
50
60
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
7500
8000
8500
9000
5
10
15
20
25

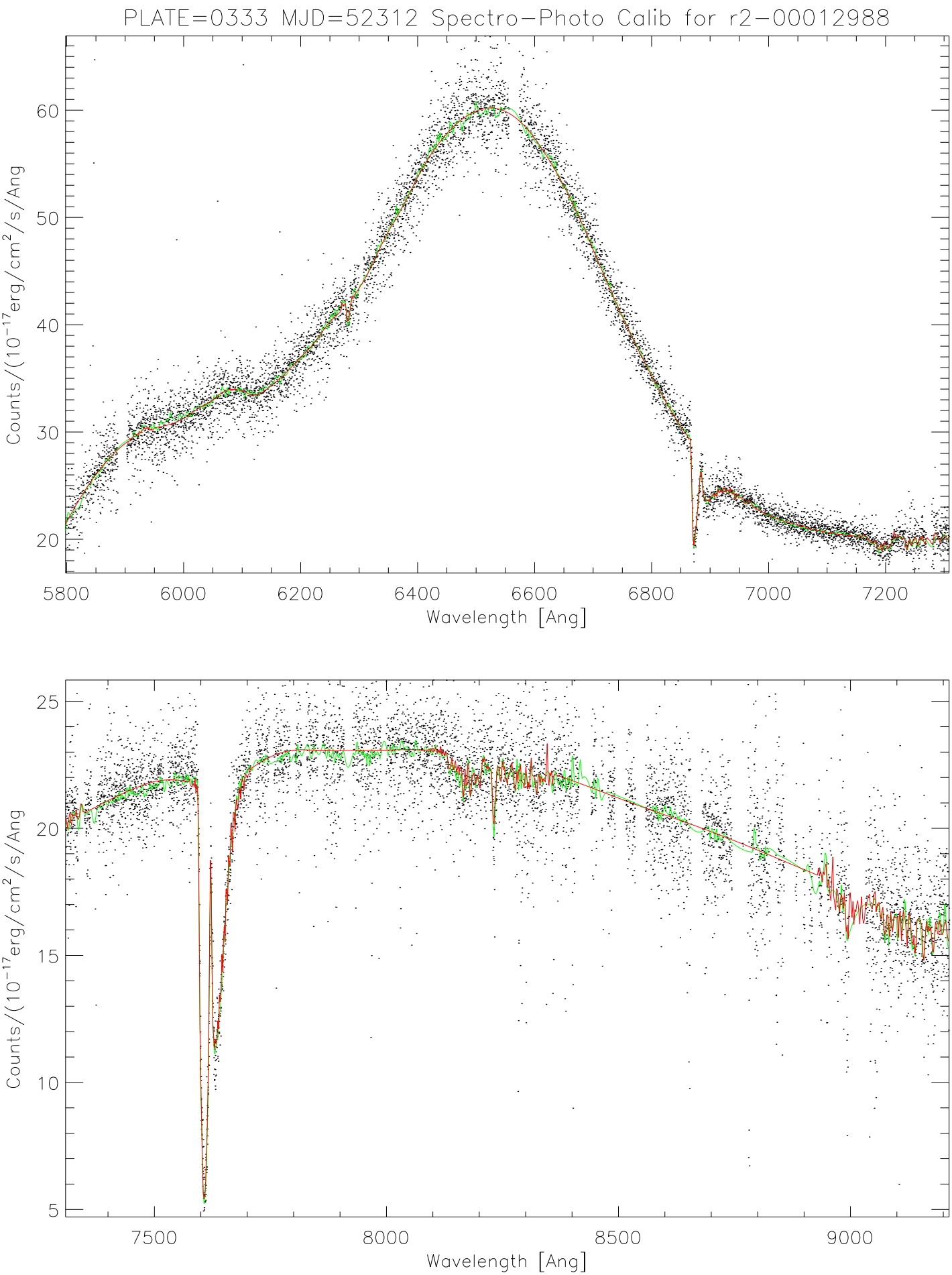

80
60
40
20
0
4000
4500
5000
5500
6000

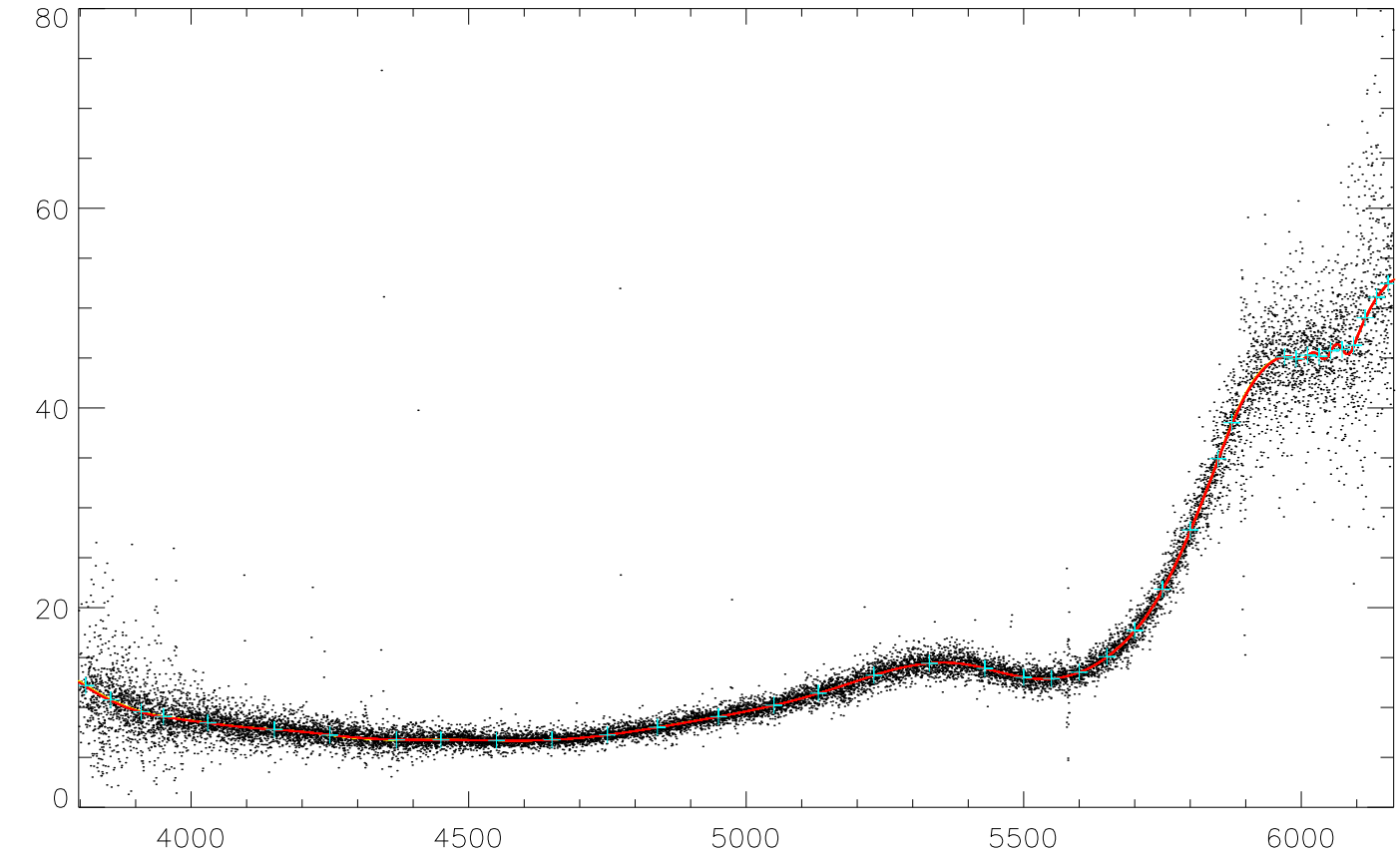

0.2
0.1
0.0
−0.1
−0.2
4000
4500
5000
5500
6000

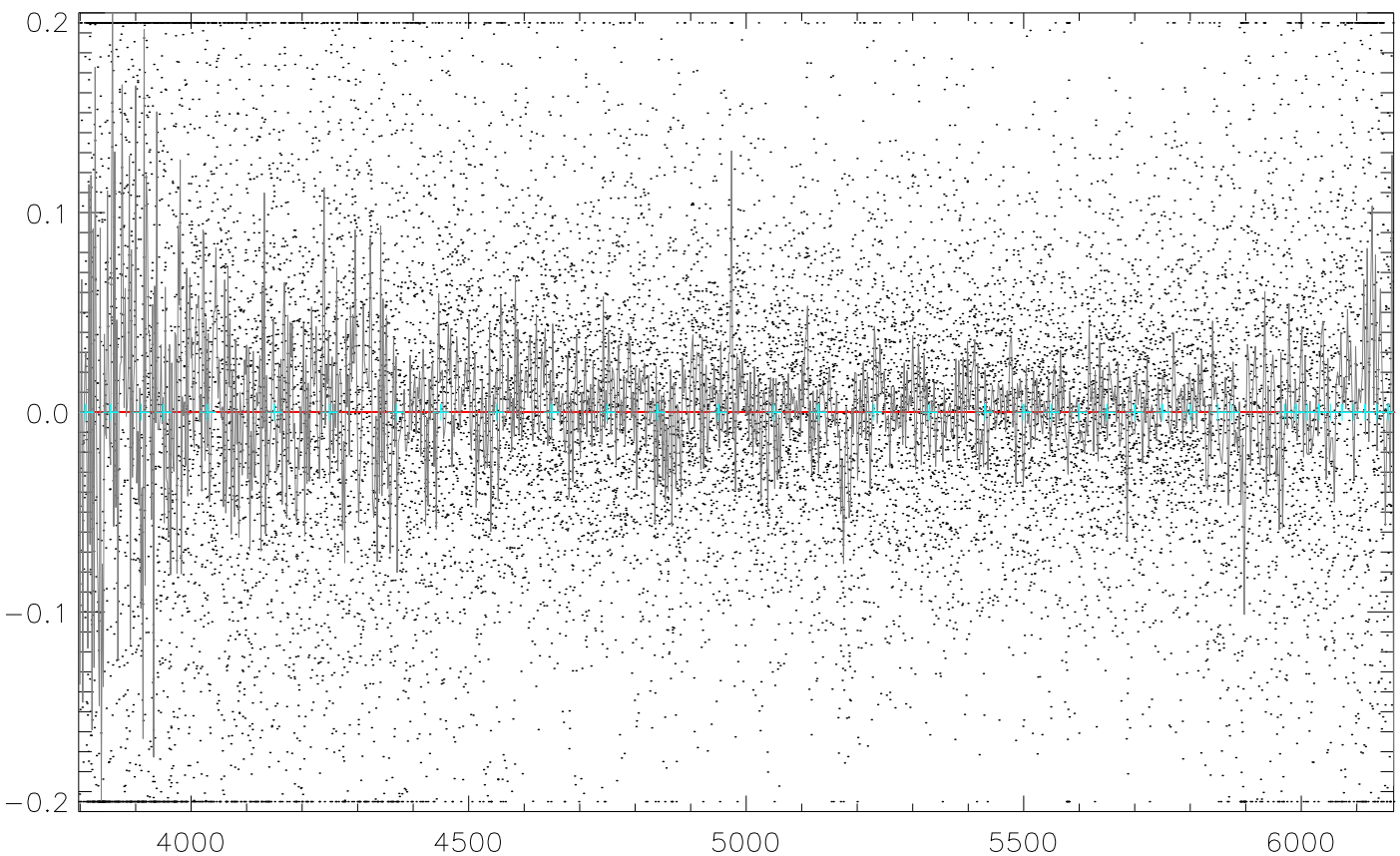

PLATE=0333 MJD=52312 Spectro−Photo Calib for b2−00012988
Counts/(10^-17erg/cm^2/s/Ang
12
10
8
6
3800
4000
4200
4400
4600
4800
Wavelength [Ang]
Counts/(10^-17erg/cm^2/s/Ang
50
40
30
20
10
5000
5200
5400
5600
5800
6000
Wavelength [Ang]

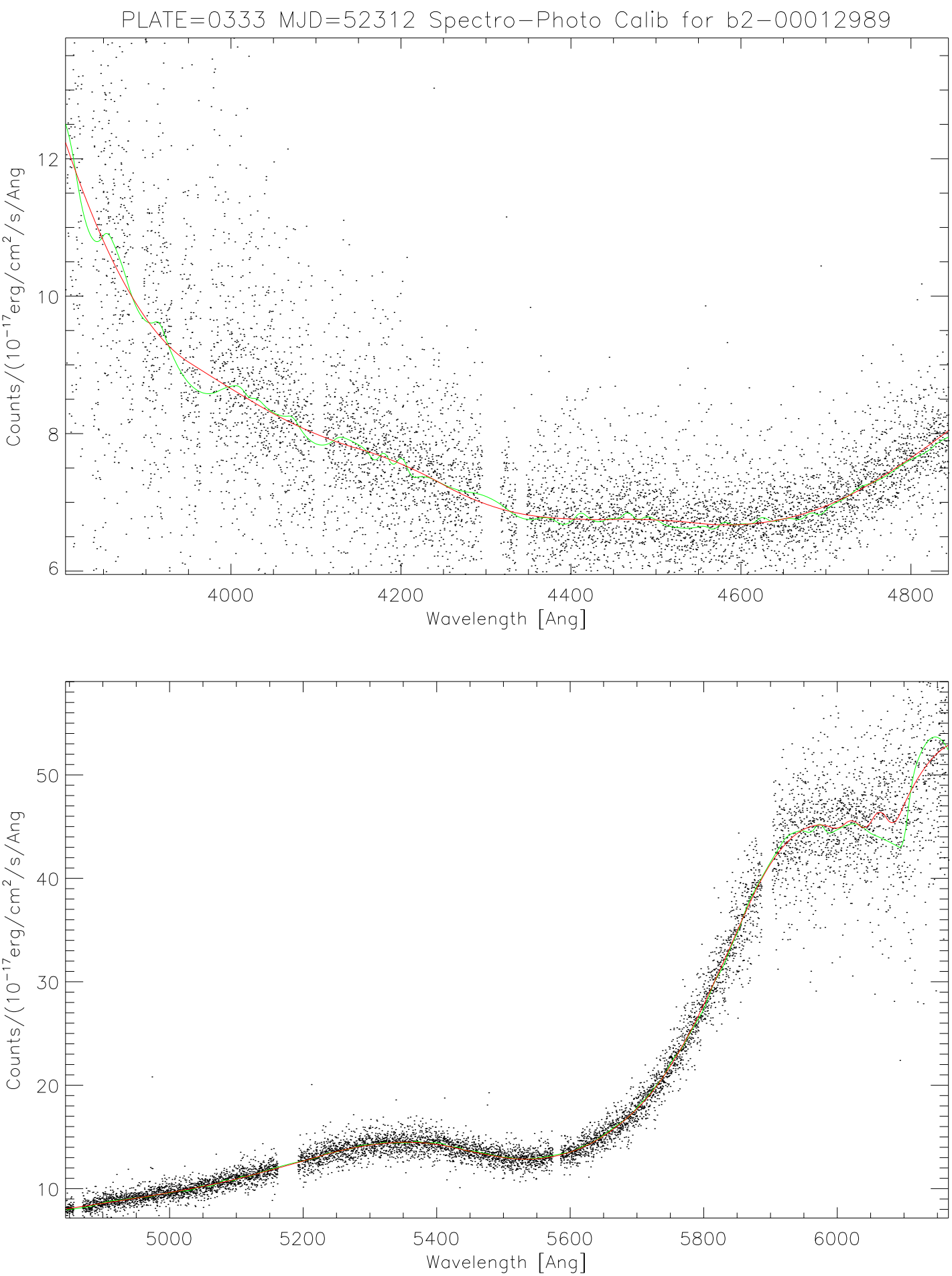

80
60
40
20
0
6000
6500
7000
7500
8000
8500
9000

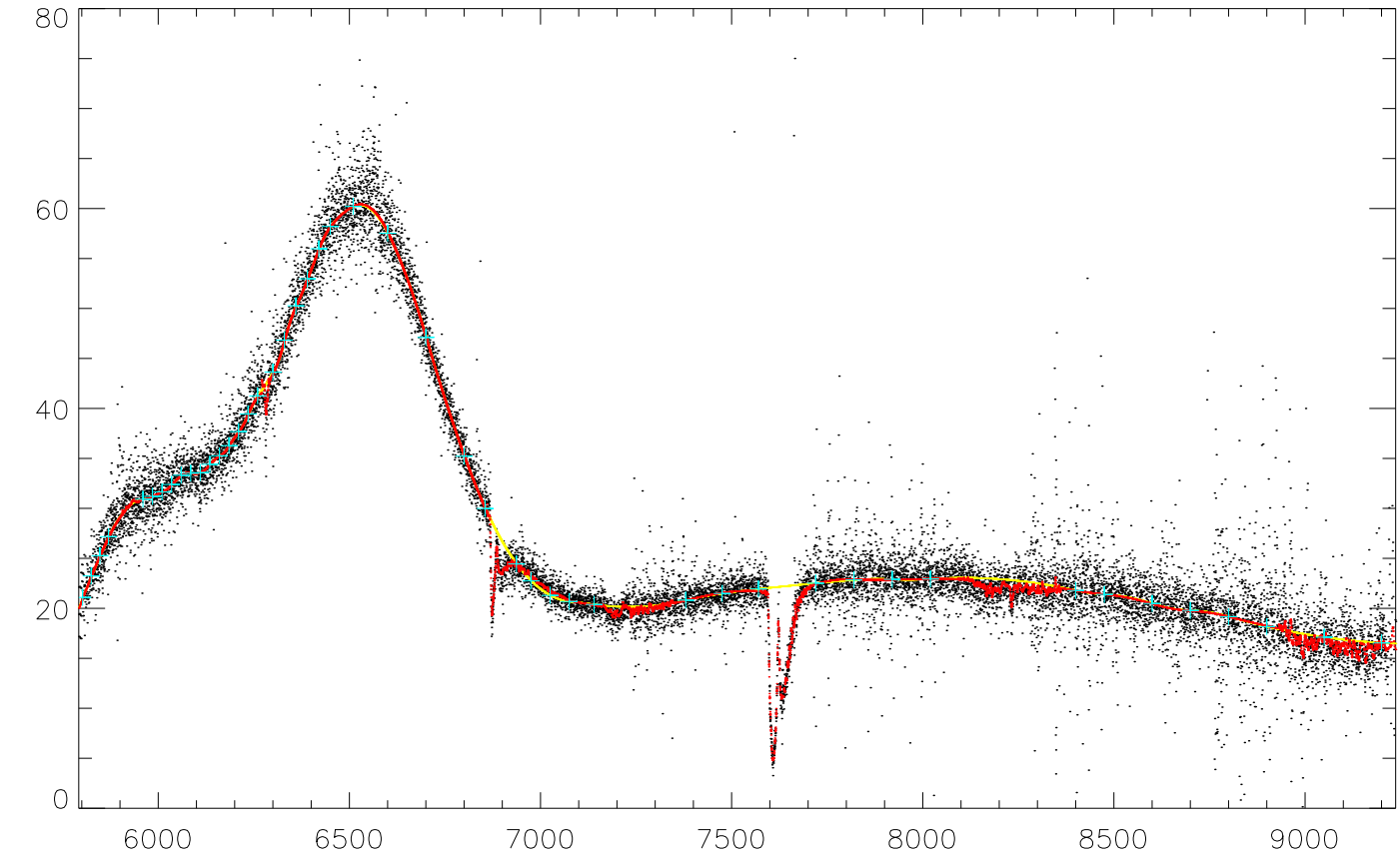

0.2
0.1
0.0
−0.1
−0.2
6000
6500
7000
7500
8000
8500
9000

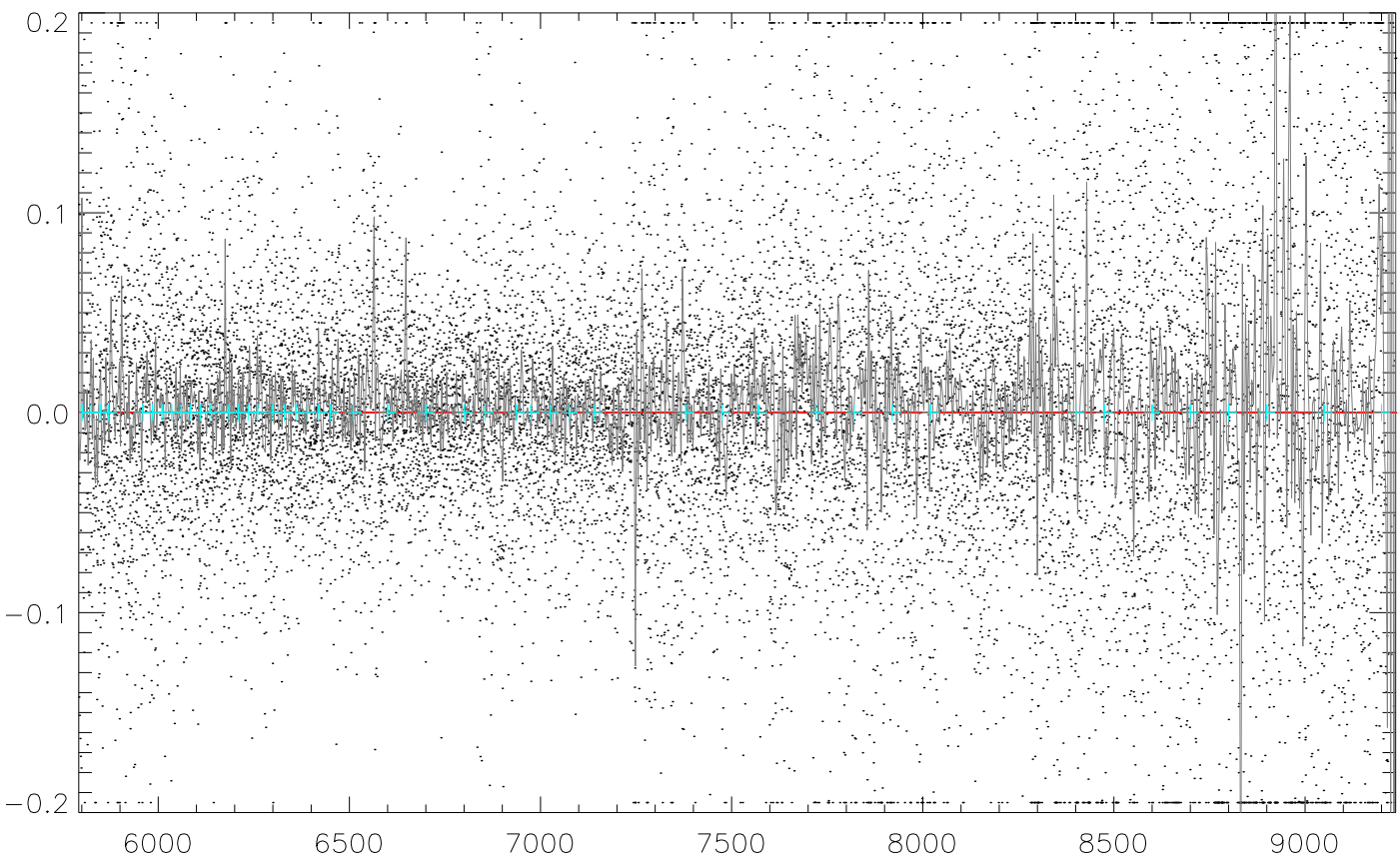

PLATE=0333 MJD=52312 Spectro−Photo Calib for r2−00012988
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
5800
6000
6200
6400
6600
6800
7000
7200
20
30
40
50
60
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
7500
8000
8500
9000
5
10
15
20
25

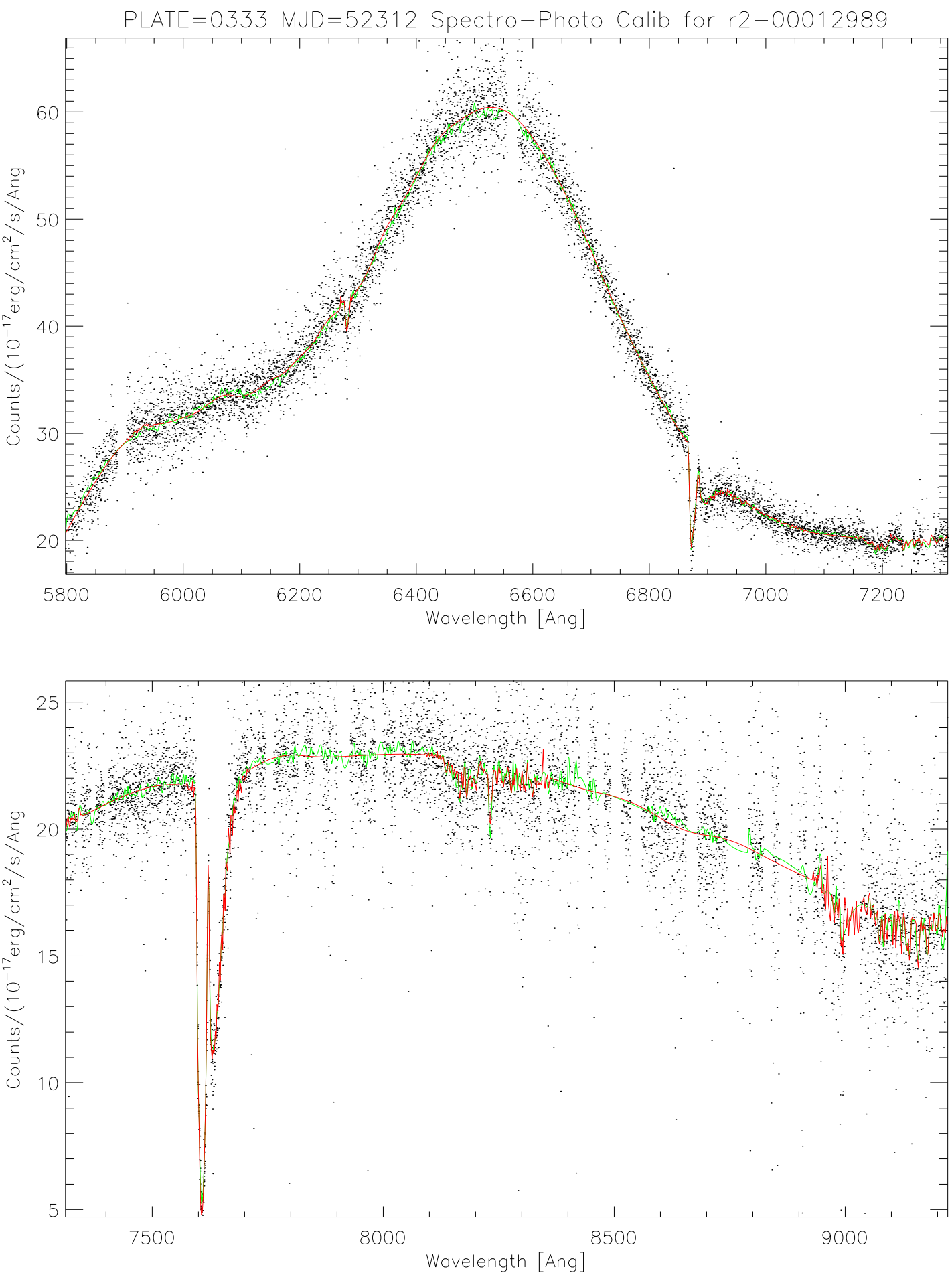

80
60
40
20
0
4000
4500
5000
5500
6000

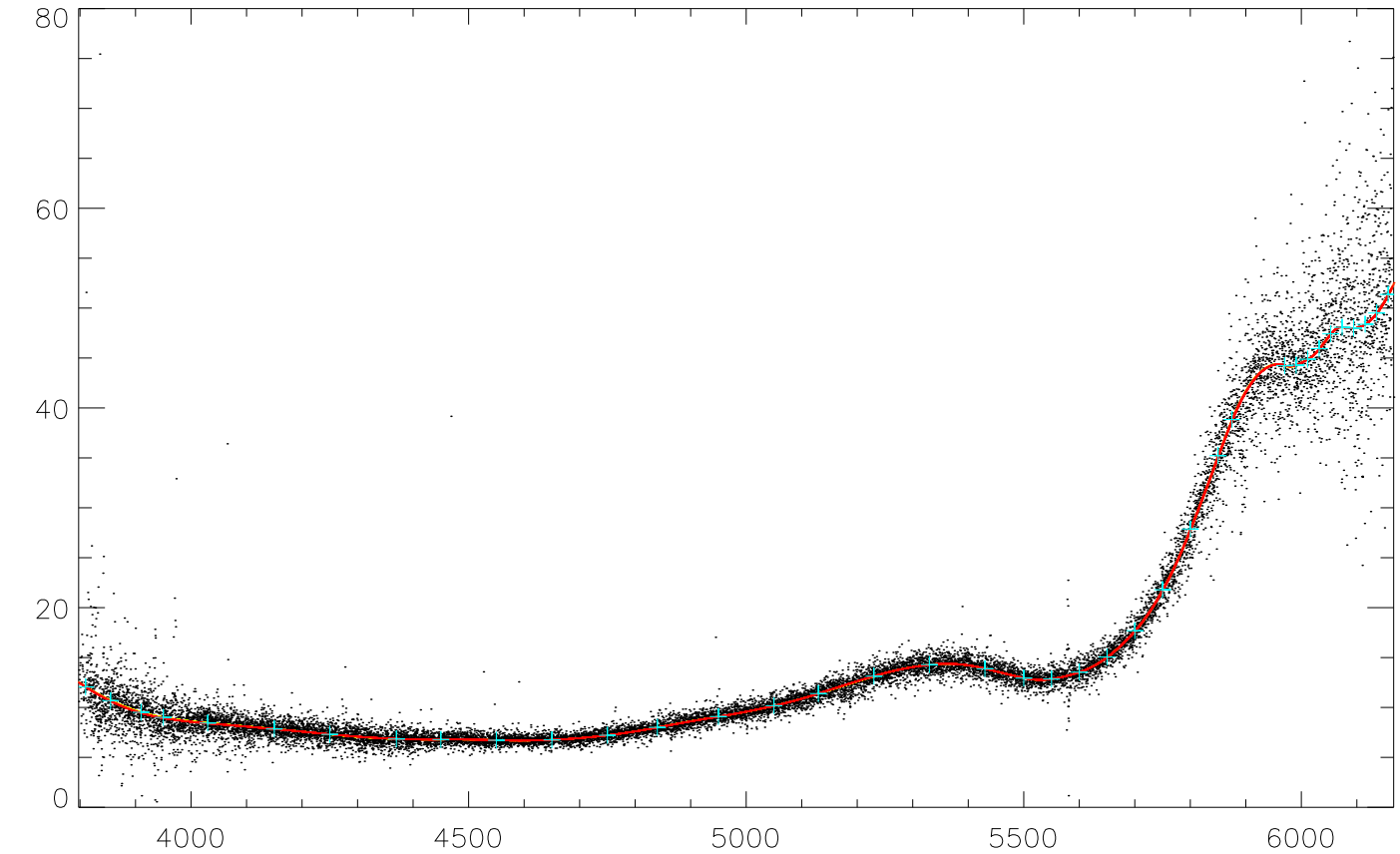

0.2
0.1
0.0
−0.1
−0.2
4000
4500
5000
5500
6000

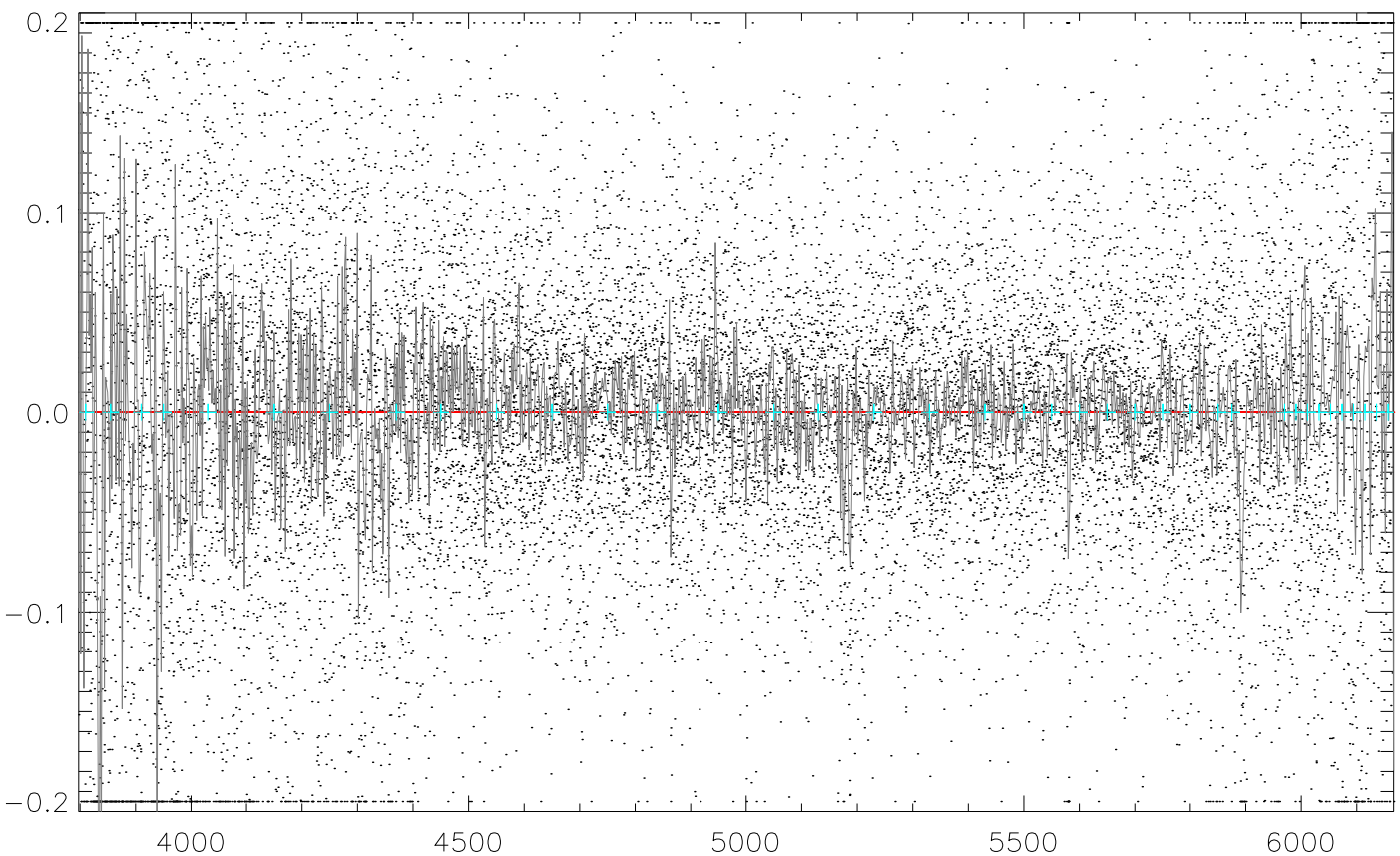

PLATE=0333 MJD=52312 Spectro−Photo Calib for b2−00012989
Counts/(10^-17erg/cm^2/s/Ang
12
10
8
6
4000
4200
4400
4600
4800
Wavelength [Ang]
Counts/(10^-17erg/cm^2/s/Ang
50
40
30
20
10
5000
5200
5400
5600
5800
6000
Wavelength [Ang]

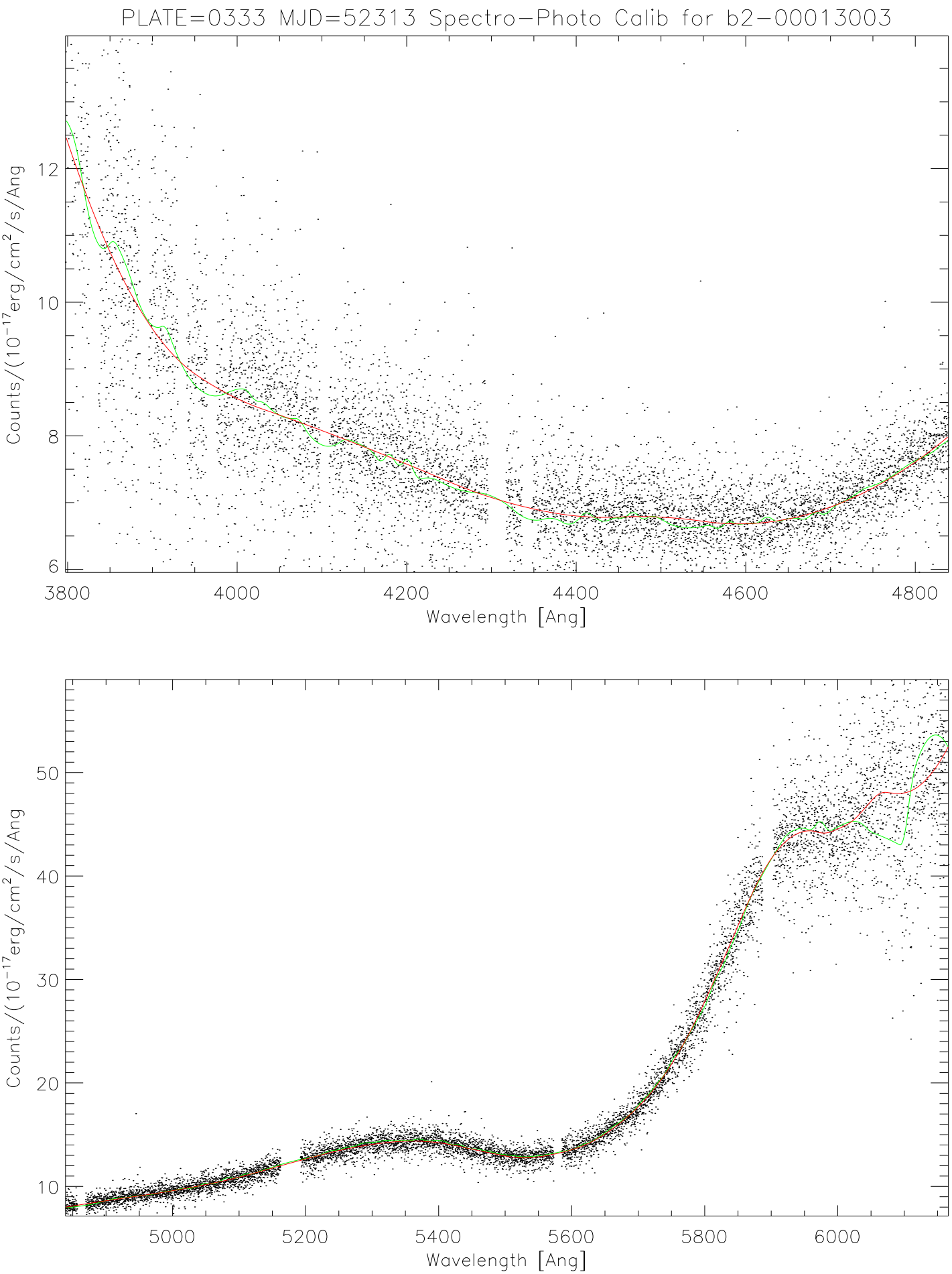

80
60
40
20
0
6000
6500
7000
7500
8000
8500
9000

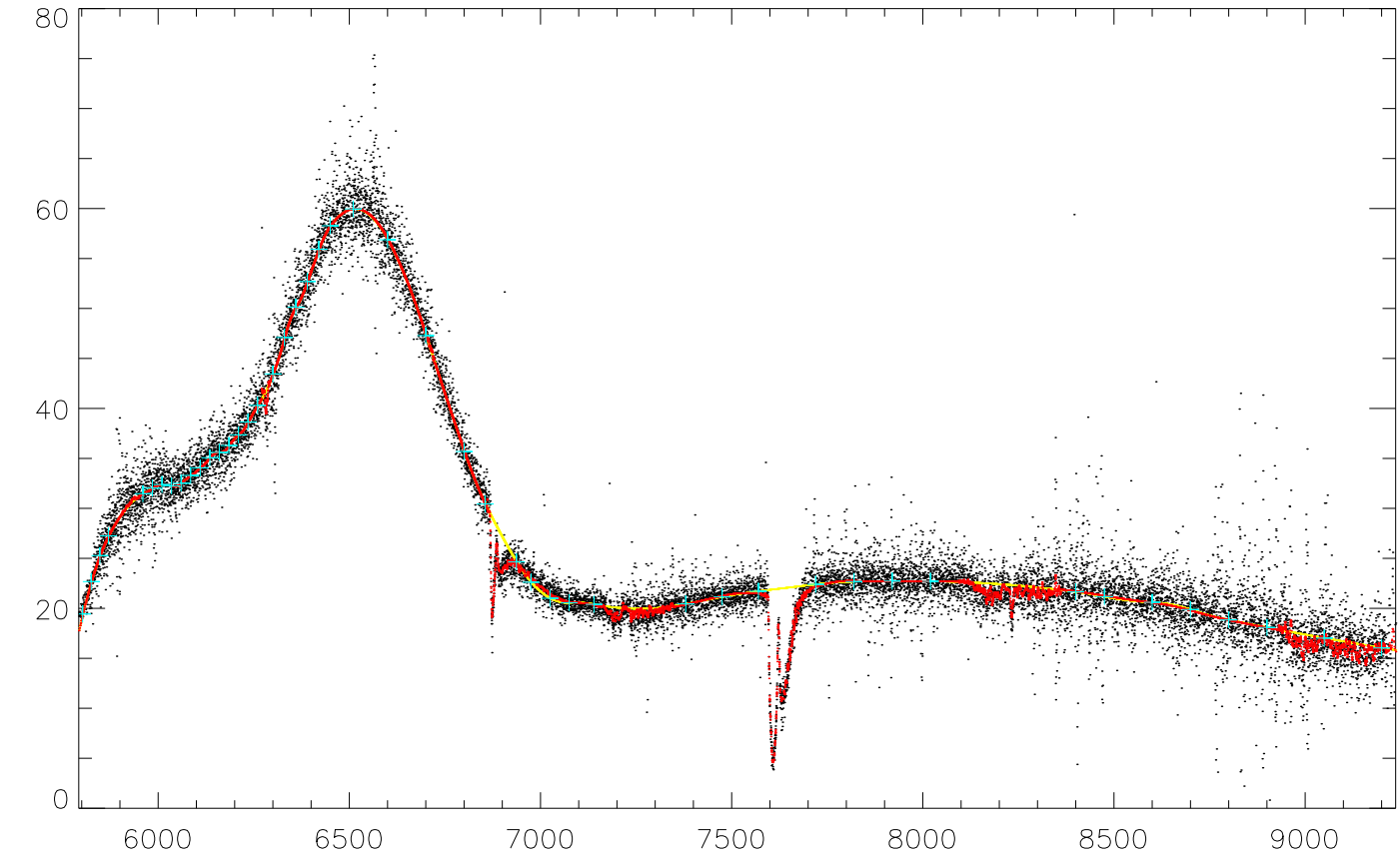

0.2
0.1
0.0
−0.1
−0.2
6000
6500
7000
7500
8000
8500
9000

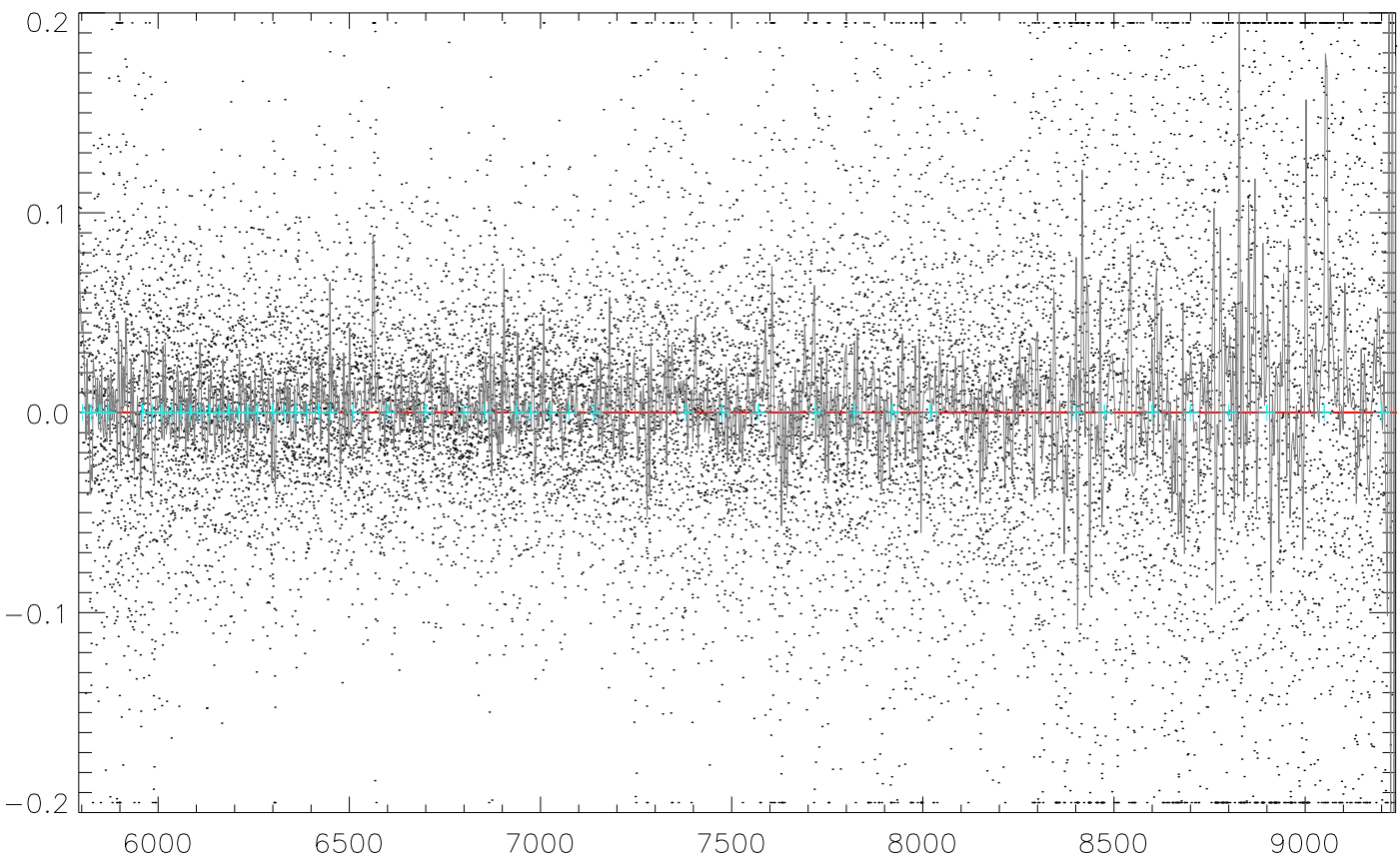

PLATE=0333 MJD=52312 Spectro−Photo Calib for r2−00012989
Counts/(10^-17erg/cm^2/s/Ang
Wavelength [Ang]
5800
6000
6200
6400
6600
6800
7000
7200
20
30
40
50
60
Counts/(10^-17erg/cm^2/s/Ang
Wavelength [Ang]
7500
8000
8500
9000
5
10
15
20
25

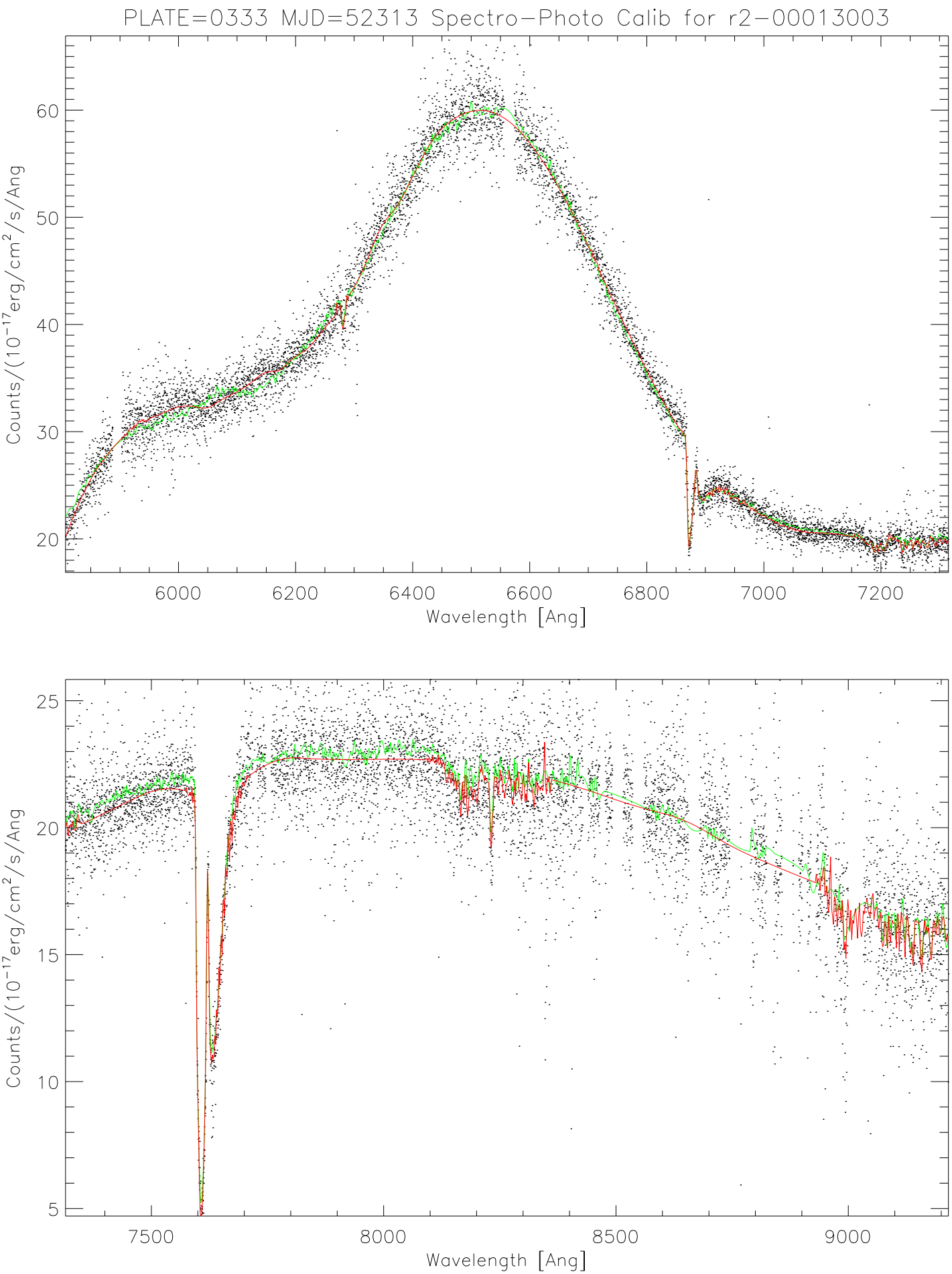

80
60
40
20
0
4000
4500
5000
5500
6000


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


PLATE=0333 MJD=52313 Spectro−Photo Calib for b2−00013003
Counts/(10^-17erg/cm^2/s/Ang
12
10
8
6
3800
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]


80
60
40
20
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=0333 MJD=52313 Spectro−Photo Calib for r2−00013003
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
20
30
40
50
60
6000
6200
6400
6600
6800
7000
7200
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
5
10
15
20
25
7500
8000
8500
9000