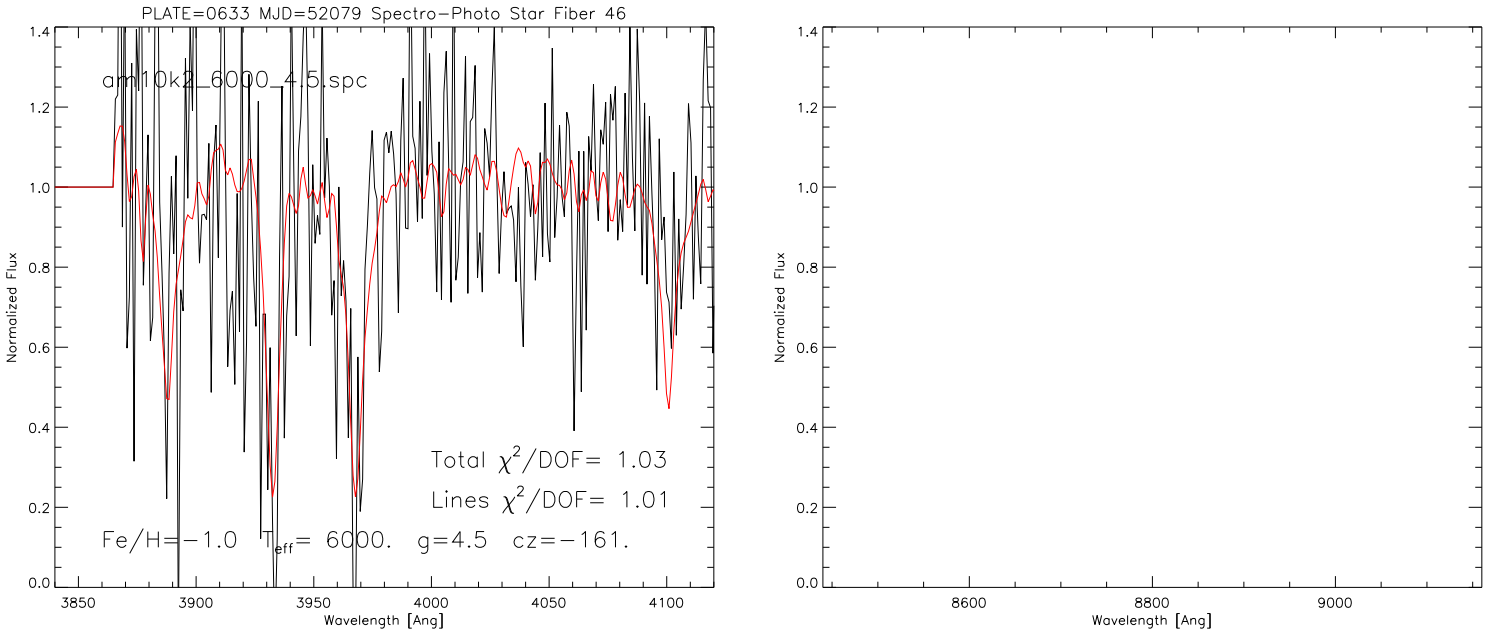
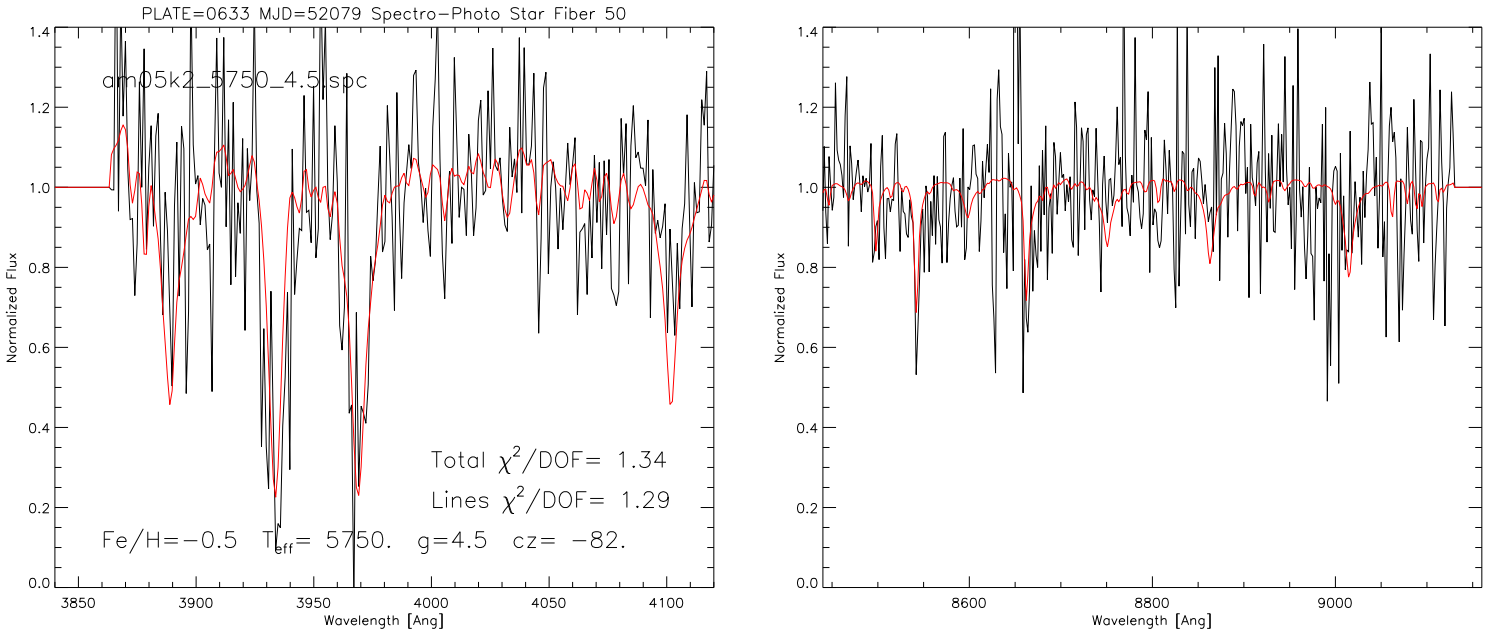
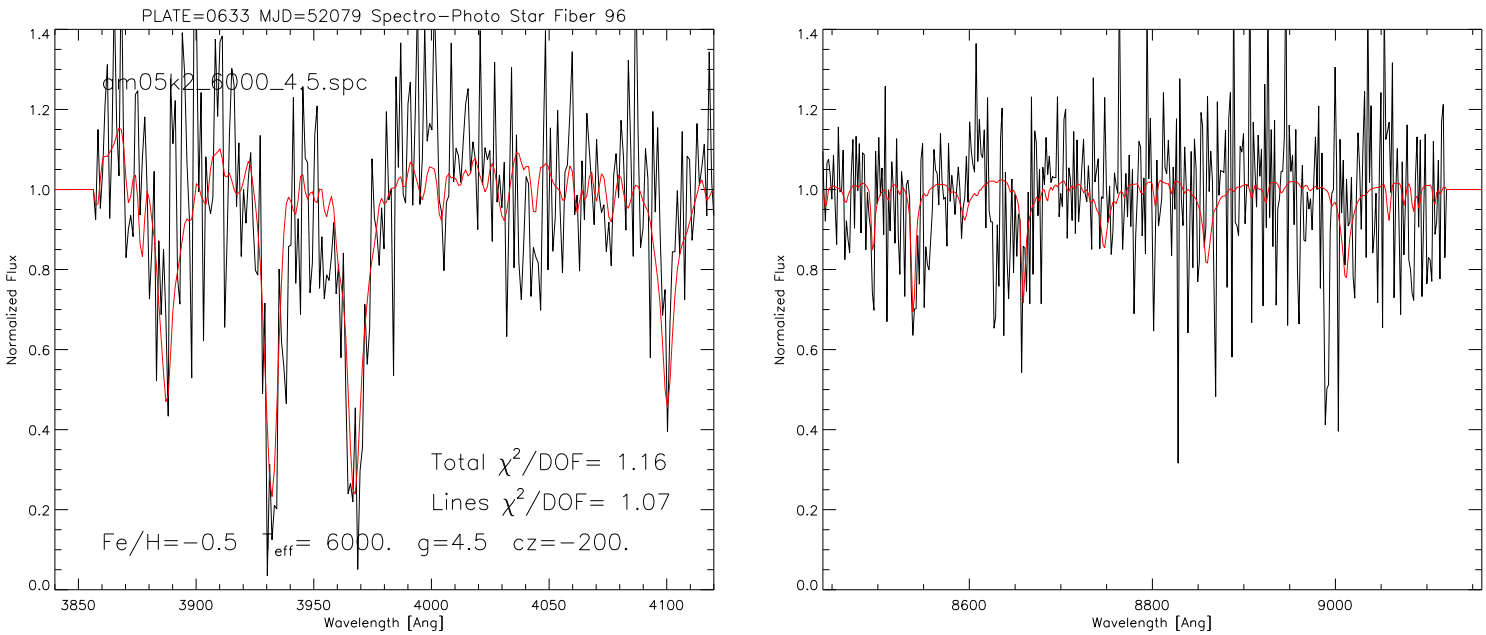
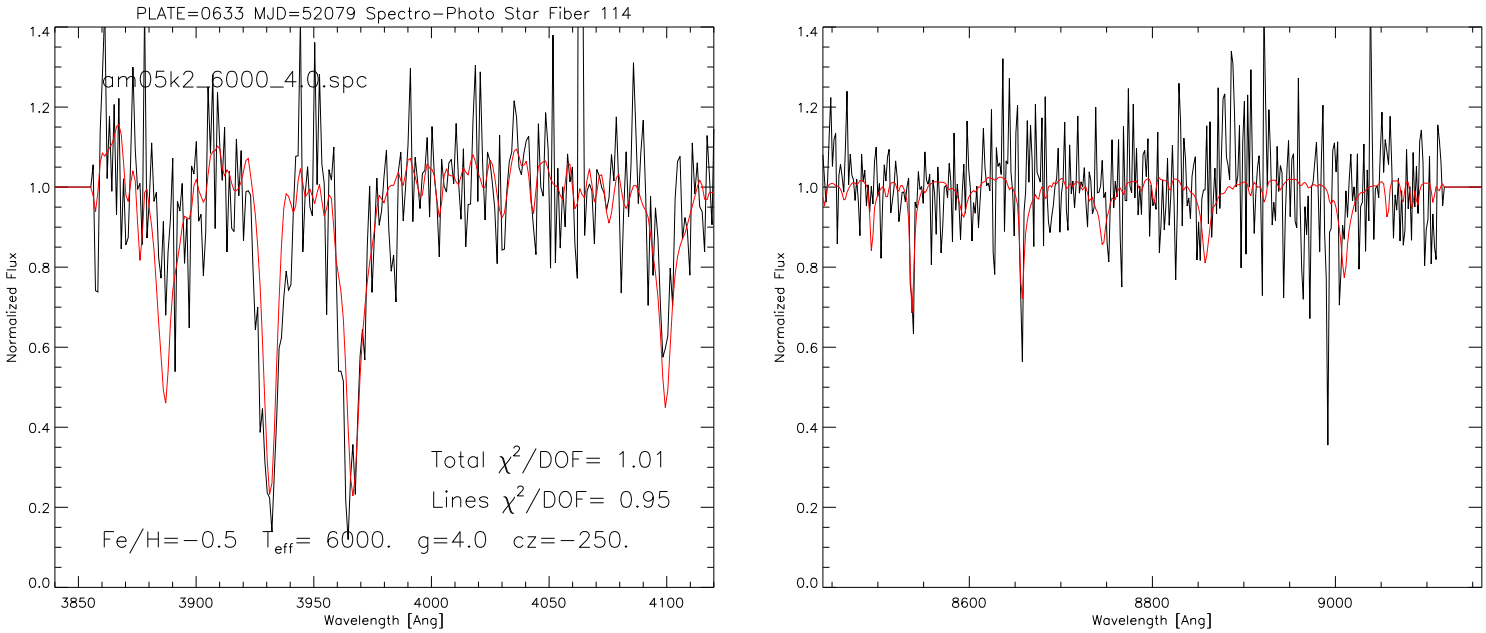
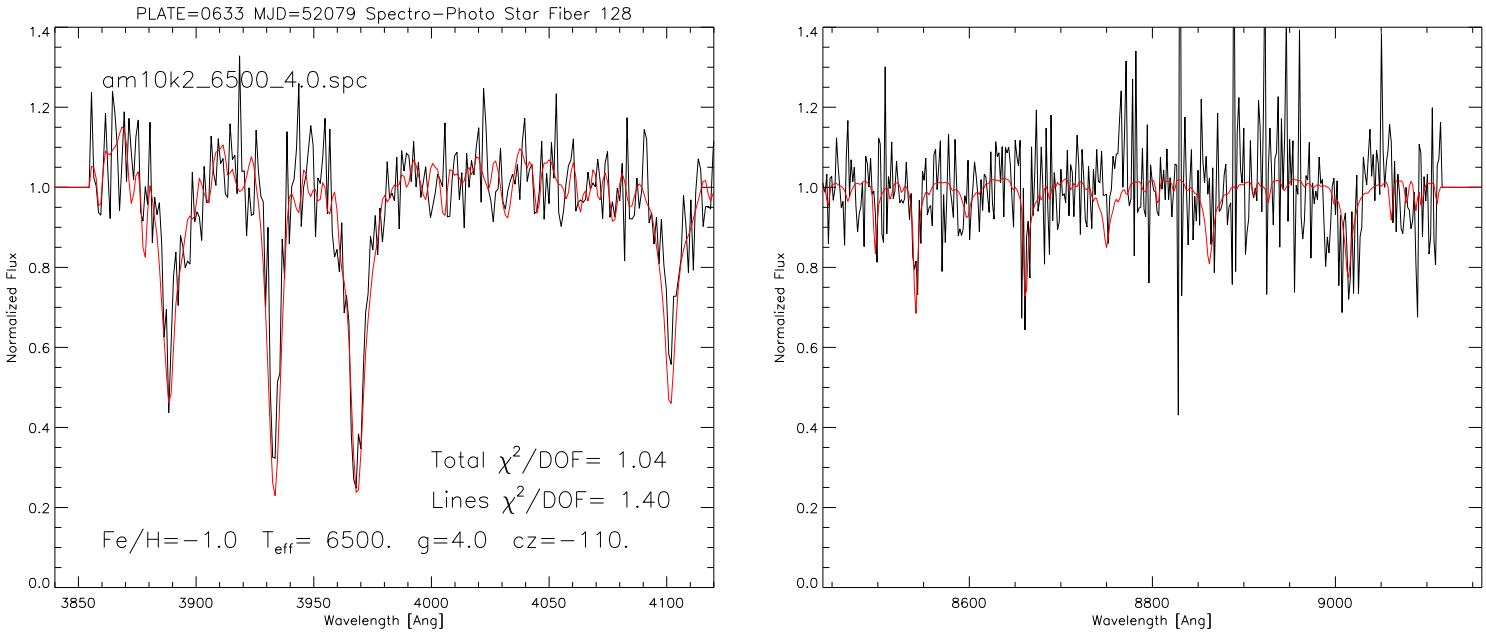
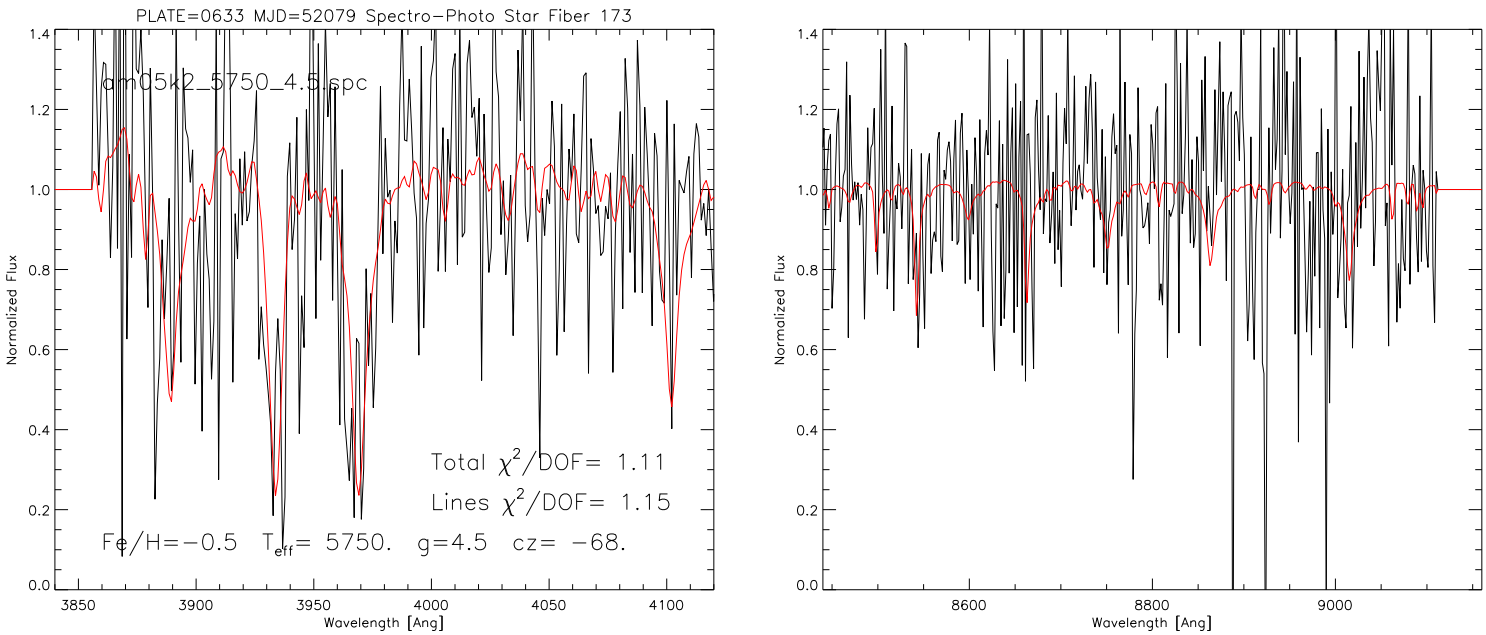

PLATE=0633 MJD=52079 Spectro-Photo Star Fiber 46
am10k2_6000_4.5.spc
Total χ^2/DOF= 1.03
Lines χ^2/DOF= 1.01
Fe/H=-1.0 T_{eff}= 6000. g=4.5 cz=-161.
Normalized Flux
Wavelength [Ang]

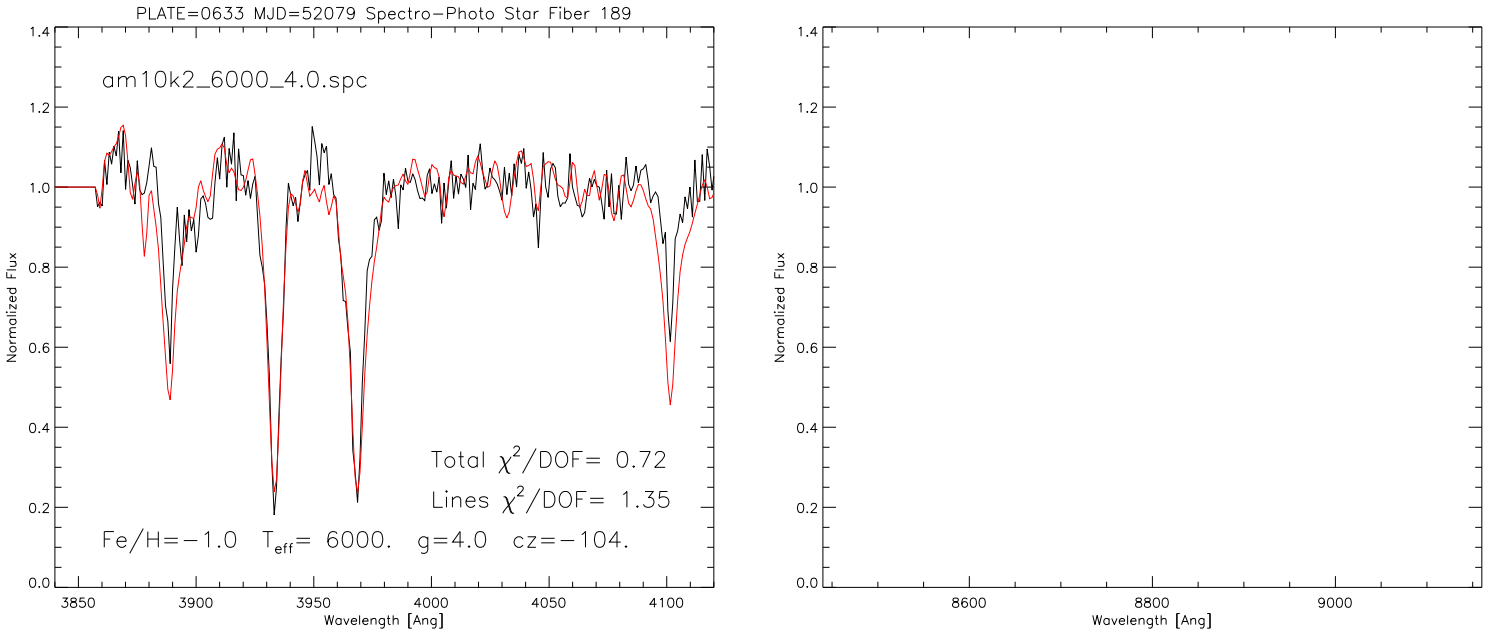

PLATE=0633 MJD=52079 Spectro-Photo Star Fiber 50
am05k2_5750_4.5.spc
Total χ^2/DOF= 1.34
Lines χ^2/DOF= 1.29
Fe/H=-0.5 T_{eff}= 5750. g=4.5 cz= -82.
Normalized Flux
Wavelength [Ang]

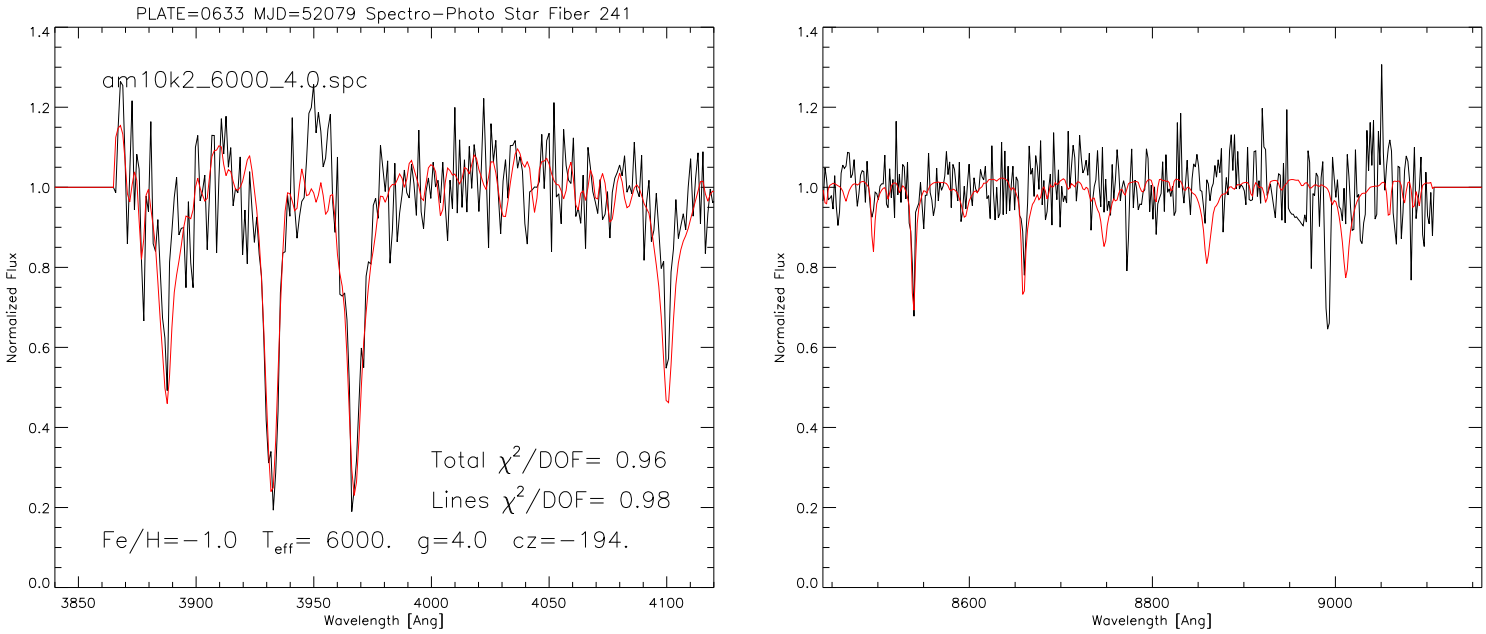

PLATE=0633 MJD=52079 Spectro-Photo Star Fiber 96
am05k2_6000_4.5.spc
Total χ^2/DOF= 1.16
Lines χ^2/DOF= 1.07
Fe/H=-0.5 T_{eff}= 6000. g=4.5 cz=-200.
Normalized Flux
Wavelength [Ang]

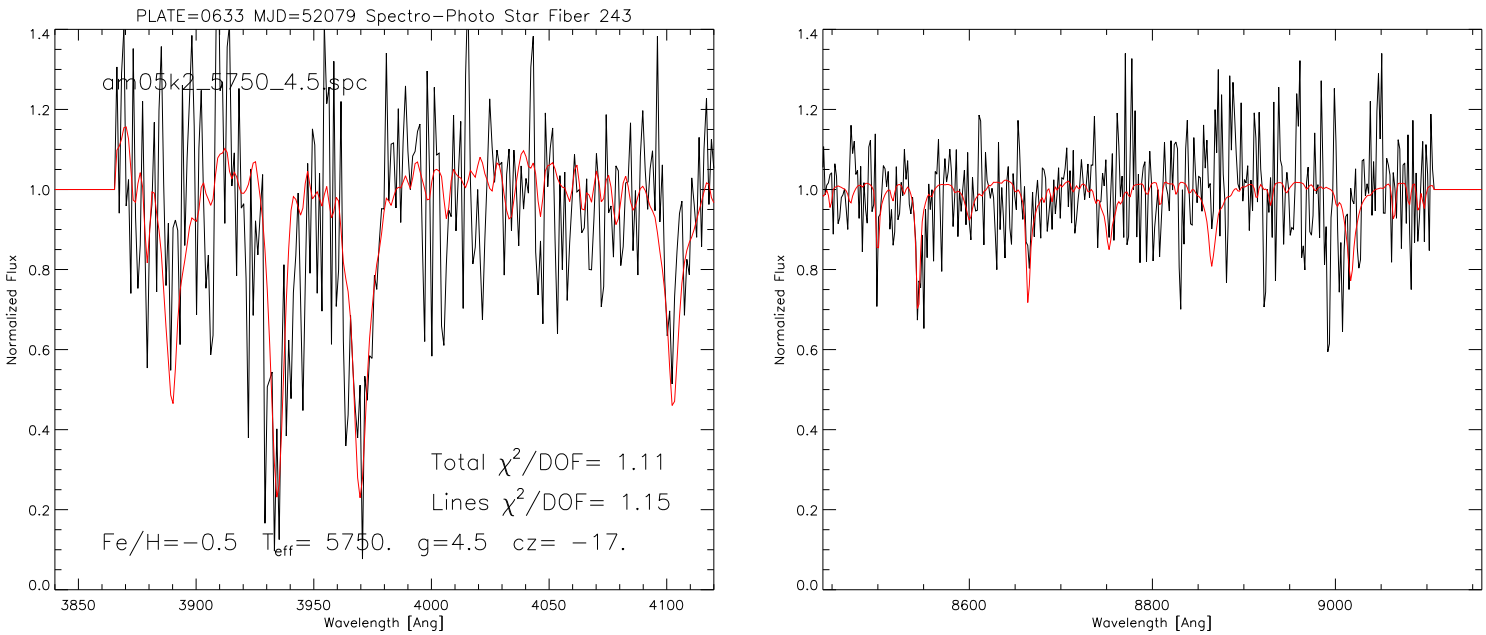

PLATE=0633 MJD=52079 Spectro-Photo Star Fiber 114
am05k2_6000_4.0.spc
Total χ^2/DOF= 1.01
Lines χ^2/DOF= 0.95
Fe/H=−0.5 T_{eff}= 6000. g=4.0 cz=−250.
Normalized Flux
Wavelength [Ang]

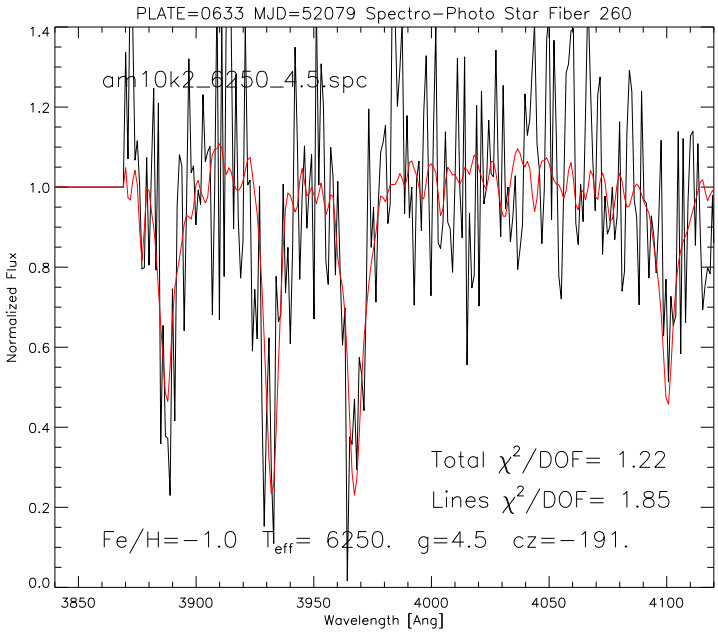

PLATE=0633 MJD=52079 Spectro-Photo Star Fiber 128
am10k2_6500_4.0.spc
Total χ^2/DOF= 1.04
Lines χ^2/DOF= 1.40
Fe/H=−1.0 T_{eff}= 6500. g=4.0 cz=−110.
Normalized Flux
Wavelength [Ang]

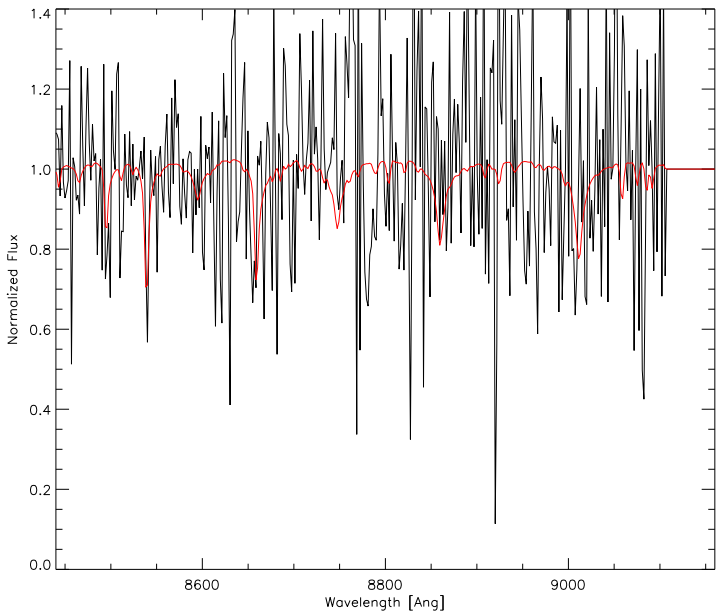

PLATE=0633 MJD=52079 Spectro-Photo Star Fiber 173
am05k2_5750_4.5.spc
Total χ^2/DOF= 1.11
Lines χ^2/DOF= 1.15
Fe/H=−0.5 T_{eff}= 5750. g=4.5 cz= −68.
Normalized Flux
Wavelength [Ang]

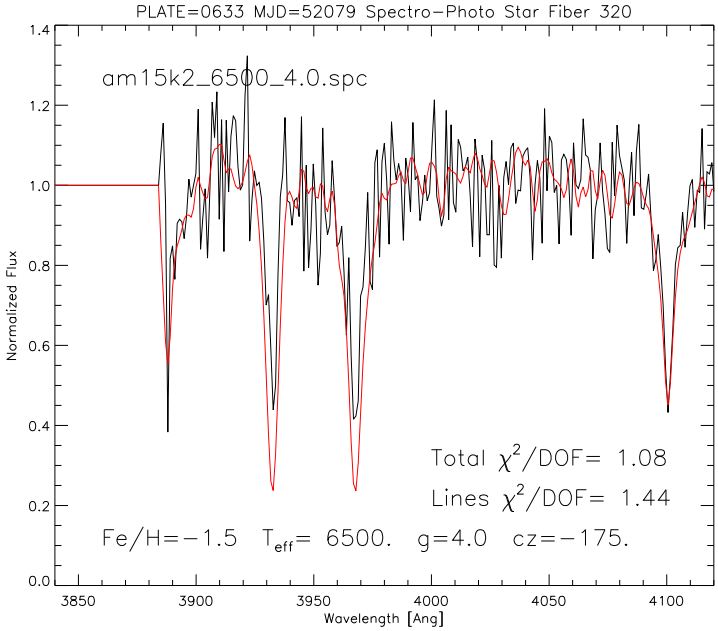

PLATE=0633 MJD=52079 Spectro-Photo Star Fiber 189
am10k2_6000_4.0.spc
Total χ^2/DOF= 0.72
Lines χ^2/DOF= 1.35
Fe/H=-1.0 T_{eff}= 6000. g=4.0 cz=-104.
Normalized Flux
Wavelength [Ang]

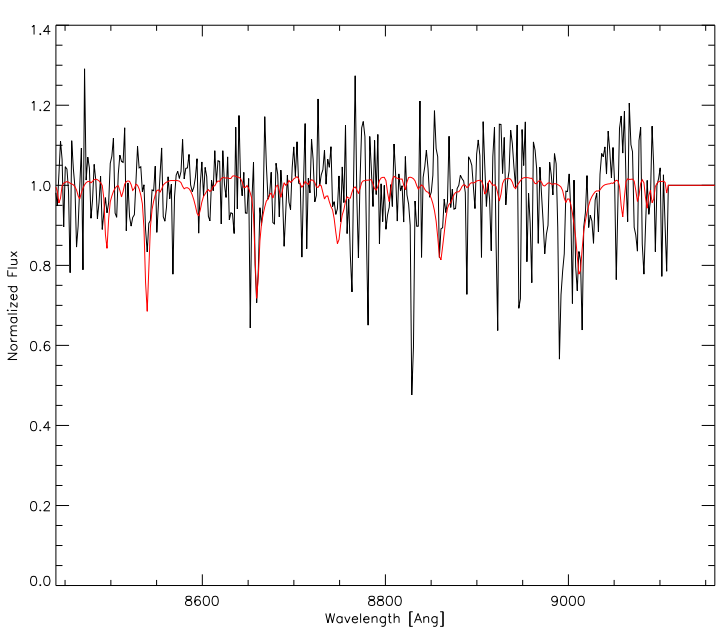

PLATE=0633 MJD=52079 Spectro-Photo Star Fiber 241
am10k2_6000_4.0.spc
Total χ^2/DOF= 0.96
Lines χ^2/DOF= 0.98
Fe/H=-1.0 T_{eff}= 6000. g=4.0 cz=-194.
Normalized Flux
Wavelength [Ang]

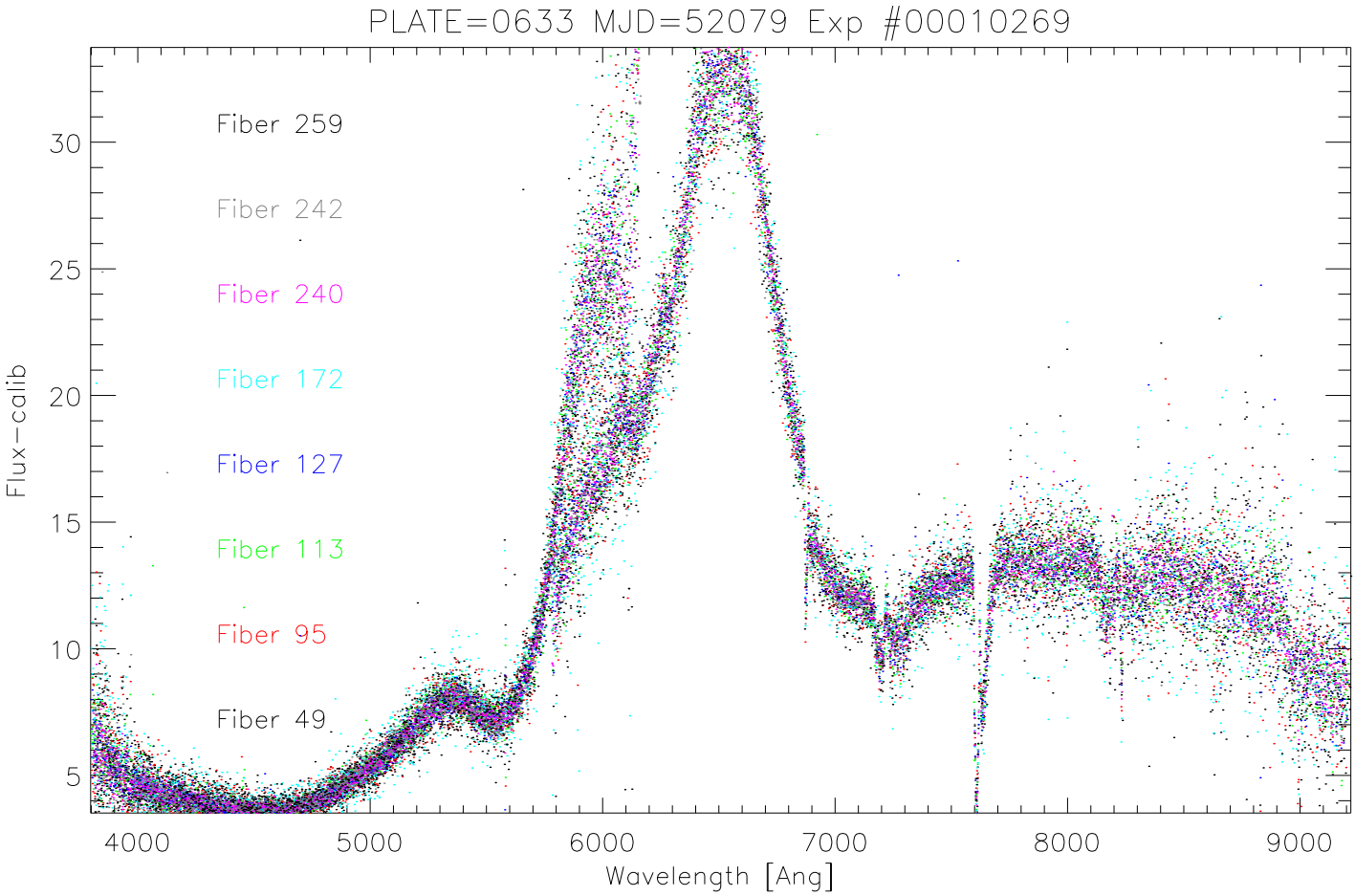

PLATE=0633 MJD=52079 Spectro-Photo Star Fiber 243
am05k2_5750_4.5.spc
Total χ^2/DOF= 1.11
Lines χ^2/DOF= 1.15
Fe/H=-0.5 T_{eff}= 5750. g=4.5 cz= -17.
Normalized Flux
Wavelength [Ang]

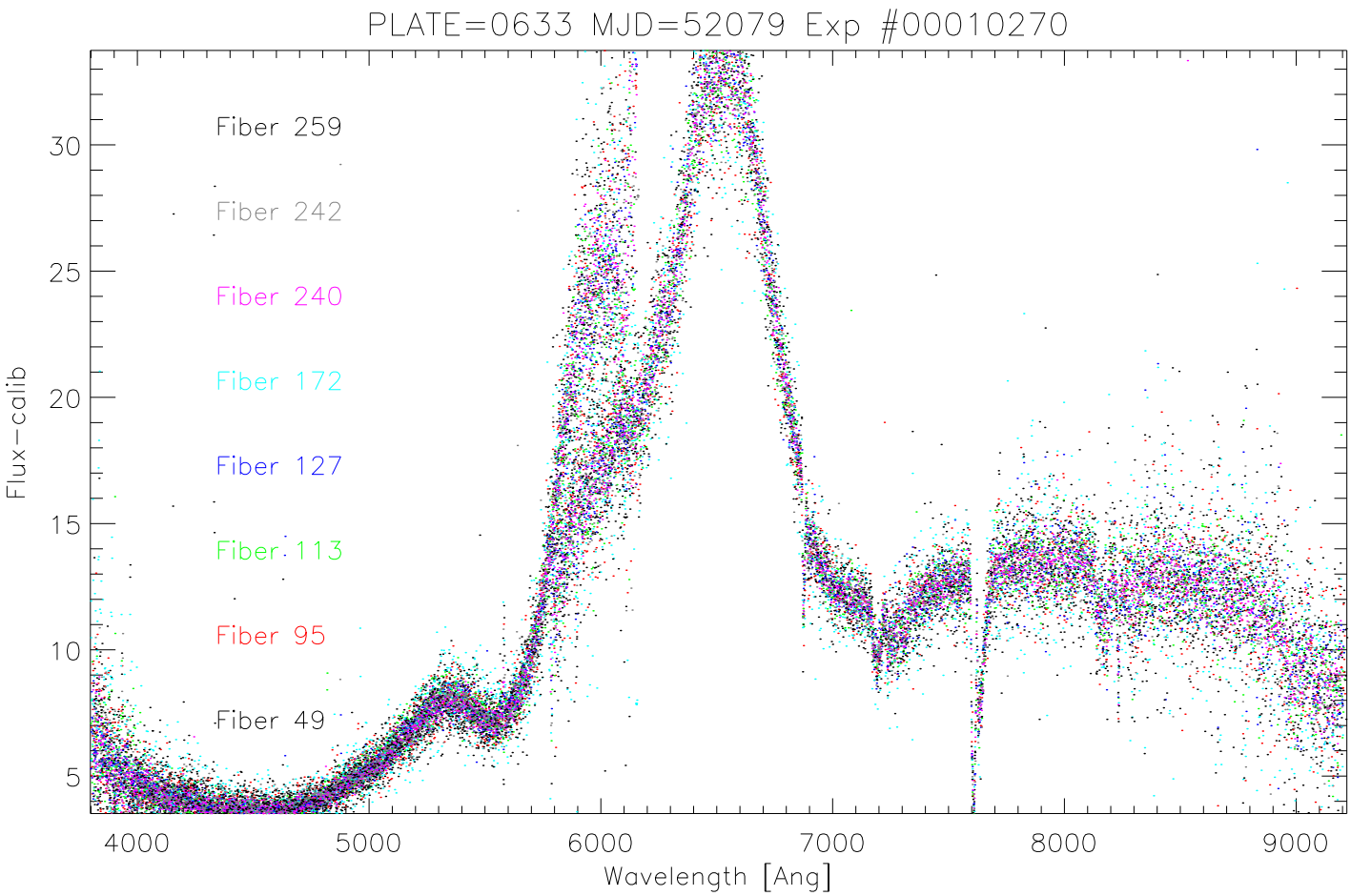

PLATE=0633 MJD=52079 Spectro-Photo Star Fiber 260
am10k2_6250_4.5.spc
Total χ^2/DOF= 1.22
Lines χ^2/DOF= 1.85
Fe/H=-1.0 T_{eff}= 6250. g=4.5 cz=-191.
Normalized Flux
Wavelength [Ang]

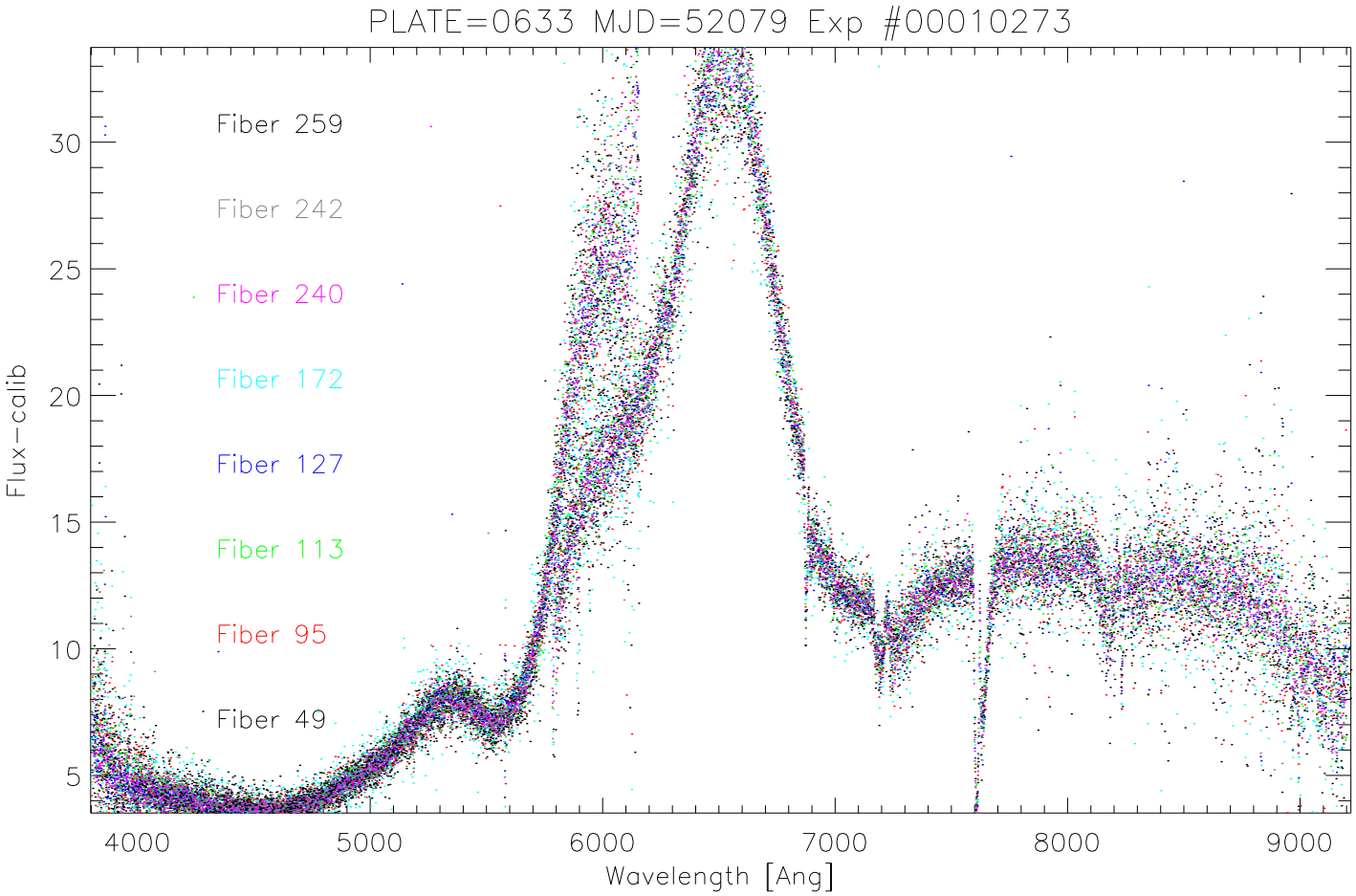

Normalized Flux
Wavelength [Ang]

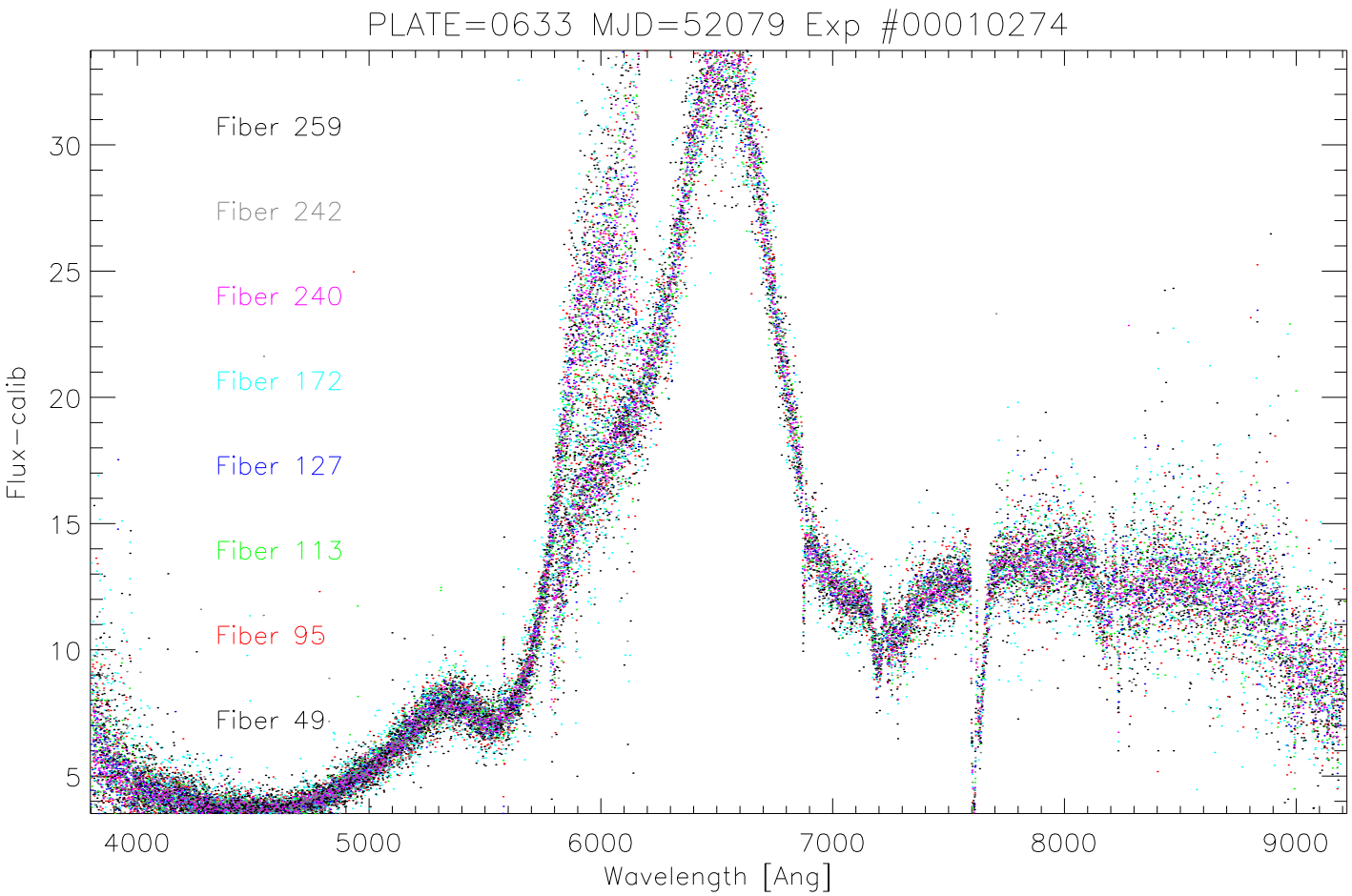

PLATE=0633 MJD=52079 Spectro-Photo Star Fiber 320
am15k2_6500_4.0.spc
Total χ^2/DOF= 1.08
Lines χ^2/DOF= 1.44
Fe/H=-1.5 T_{eff}= 6500. g=4.0 cz=-175.
Normalized Flux
Wavelength [Ang]

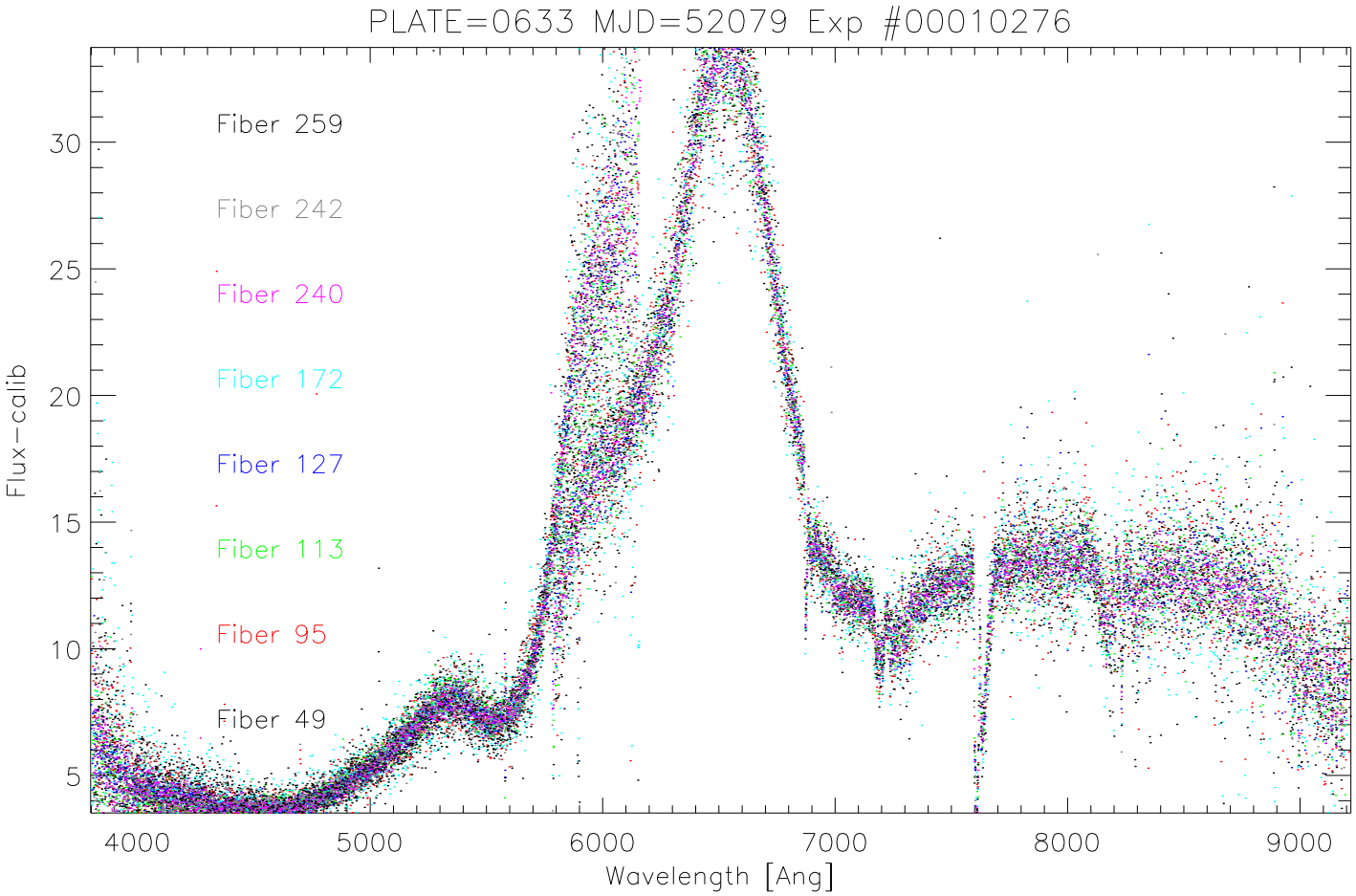

Normalized Flux
Wavelength [Ang]

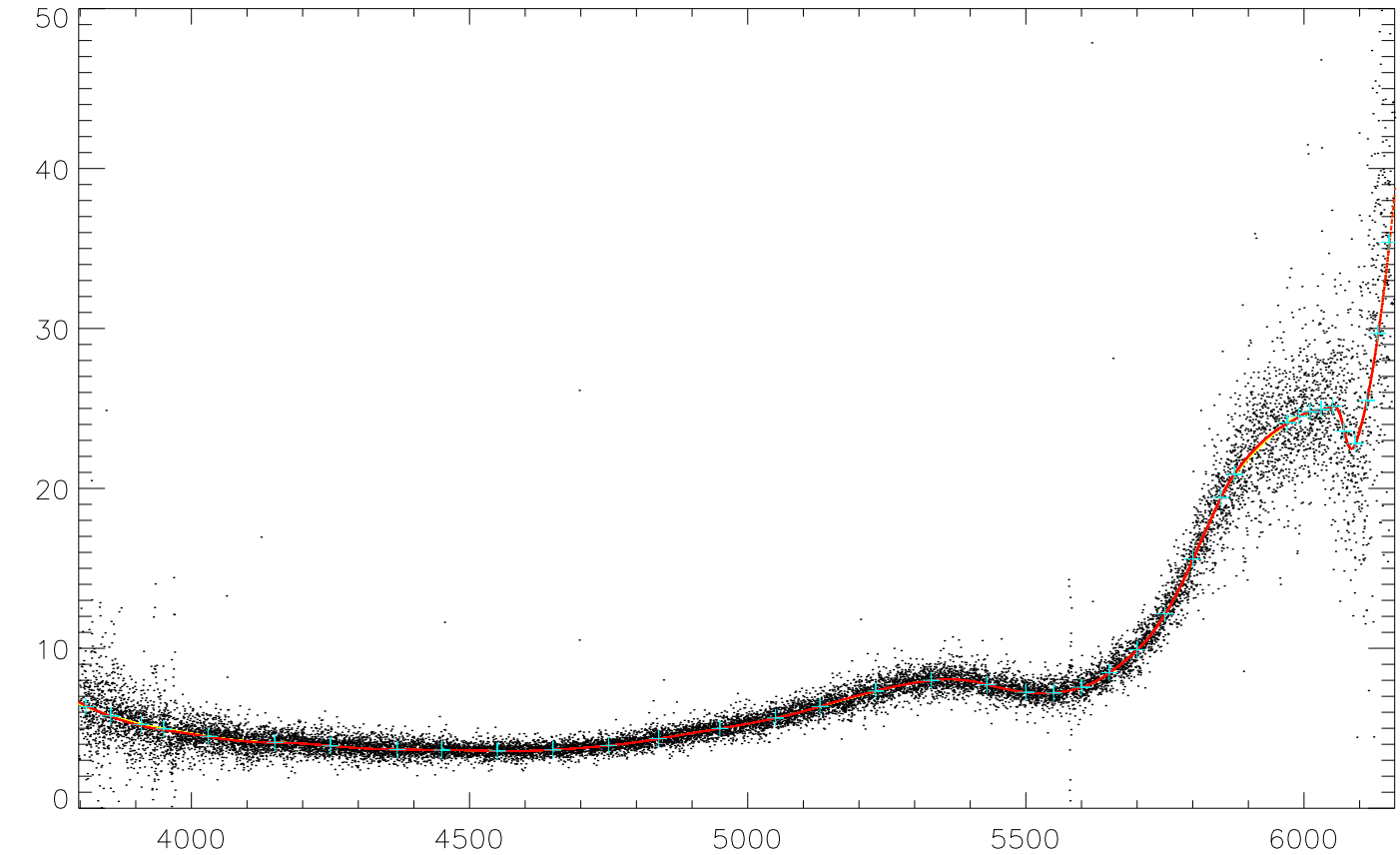

PLATE=0633 MJD=52079 Exp #00010269
Fiber 259
Fiber 242
Fiber 240
Fiber 172
Fiber 127
Fiber 113
Fiber 95
Fiber 49
Flux−calib
Wavelength [Ang]
4000
5000
6000
7000
8000
9000
5
10
15
20
25
30

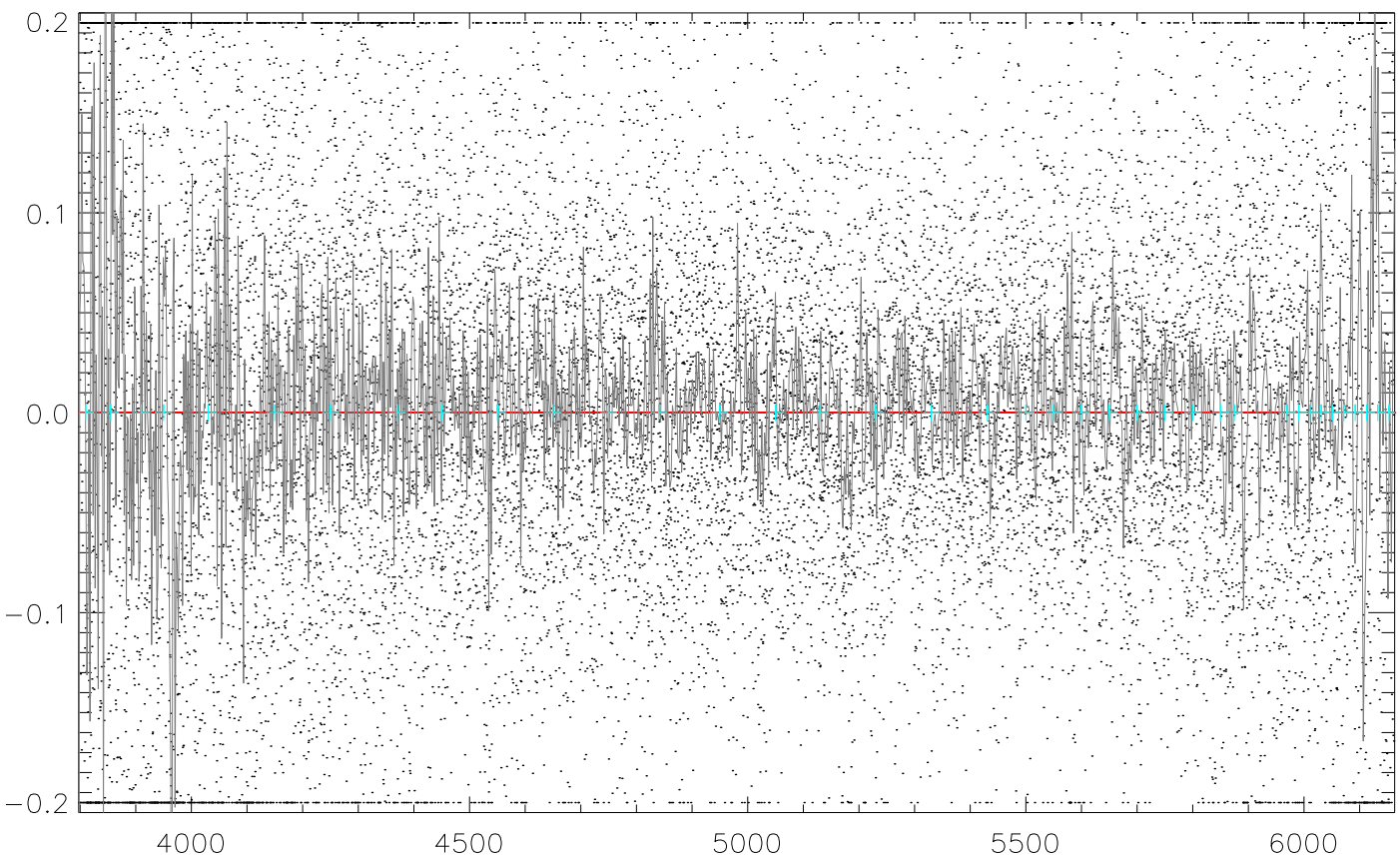

PLATE=0633 MJD=52079 Exp #00010270
Fiber 259
Fiber 242
Fiber 240
Fiber 172
Fiber 127
Fiber 113
Fiber 95
Fiber 49
Flux−calib
Wavelength [Ang]
4000
5000
6000
7000
8000
9000
5
10
15
20
25
30

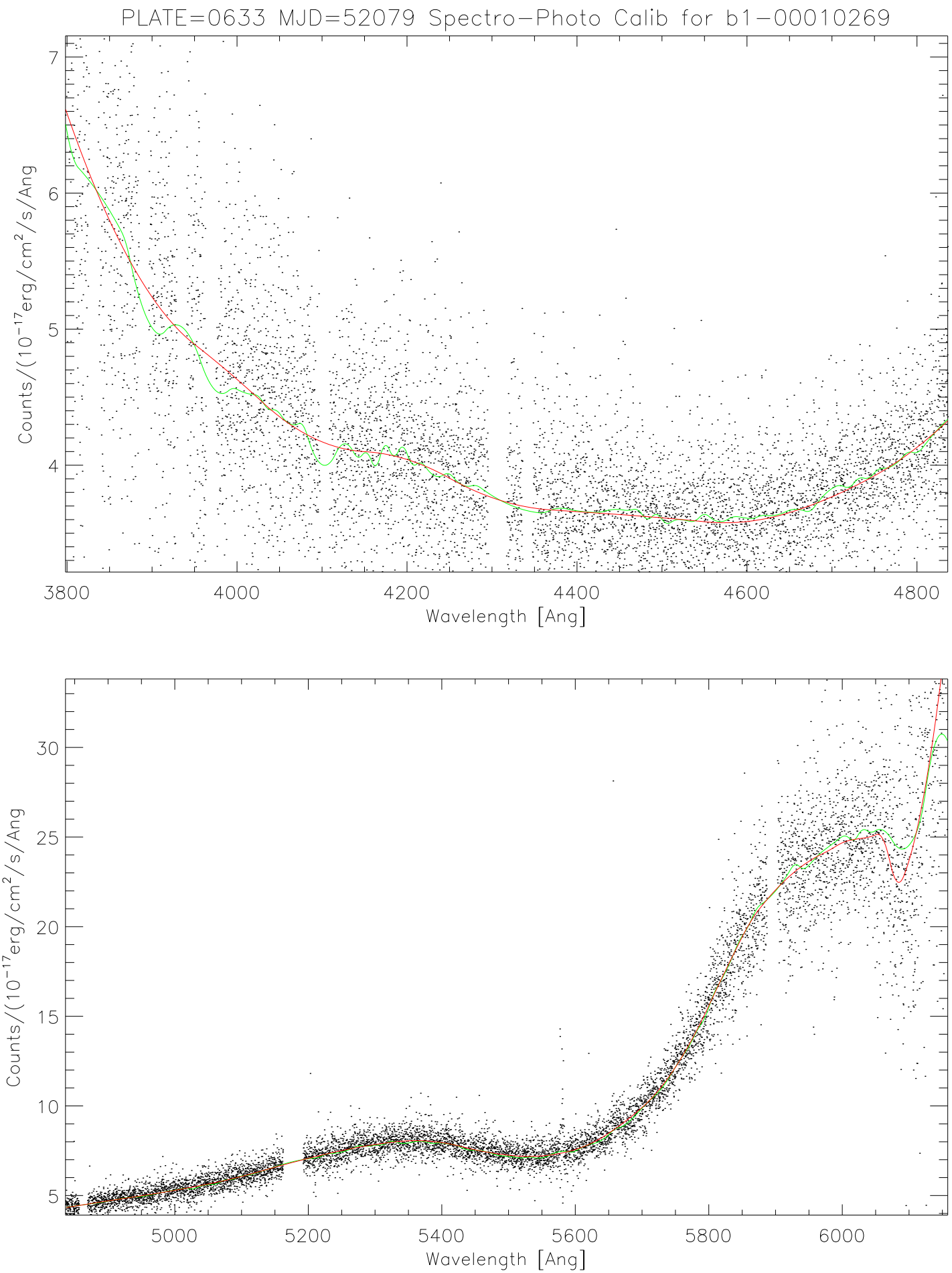

PLATE=0633 MJD=52079 Exp #00010273
Fiber 259
Fiber 242
Fiber 240
Fiber 172
Fiber 127
Fiber 113
Fiber 95
Fiber 49
Flux−calib
Wavelength [Ang]
4000
5000
6000
7000
8000
9000
5
10
15
20
25
30

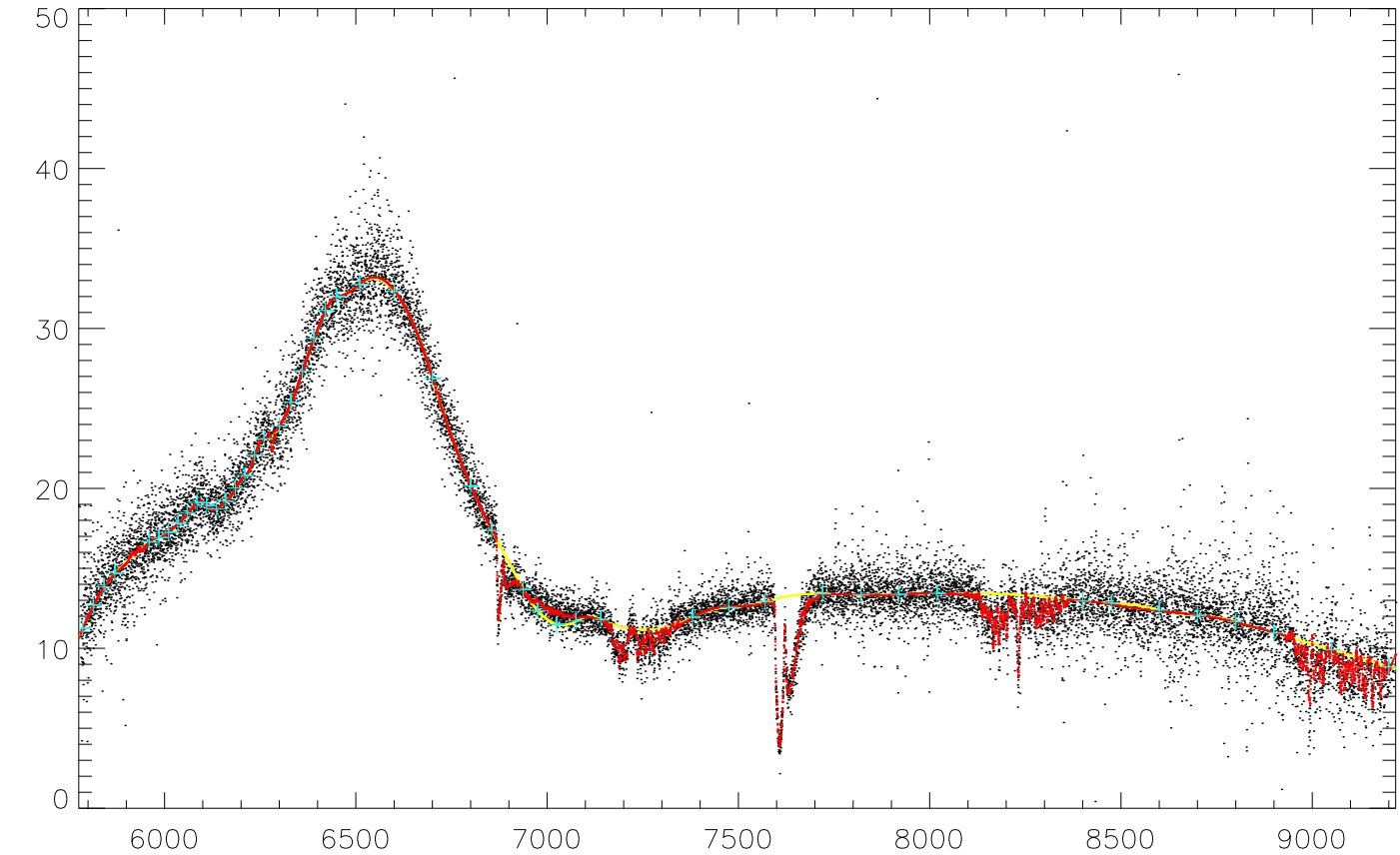

PLATE=0633 MJD=52079 Exp #00010274
Fiber 259
Fiber 242
Fiber 240
Fiber 172
Fiber 127
Fiber 113
Fiber 95
Fiber 49
Flux−calib
Wavelength [Ang]
4000
5000
6000
7000
8000
9000
5
10
15
20
25
30

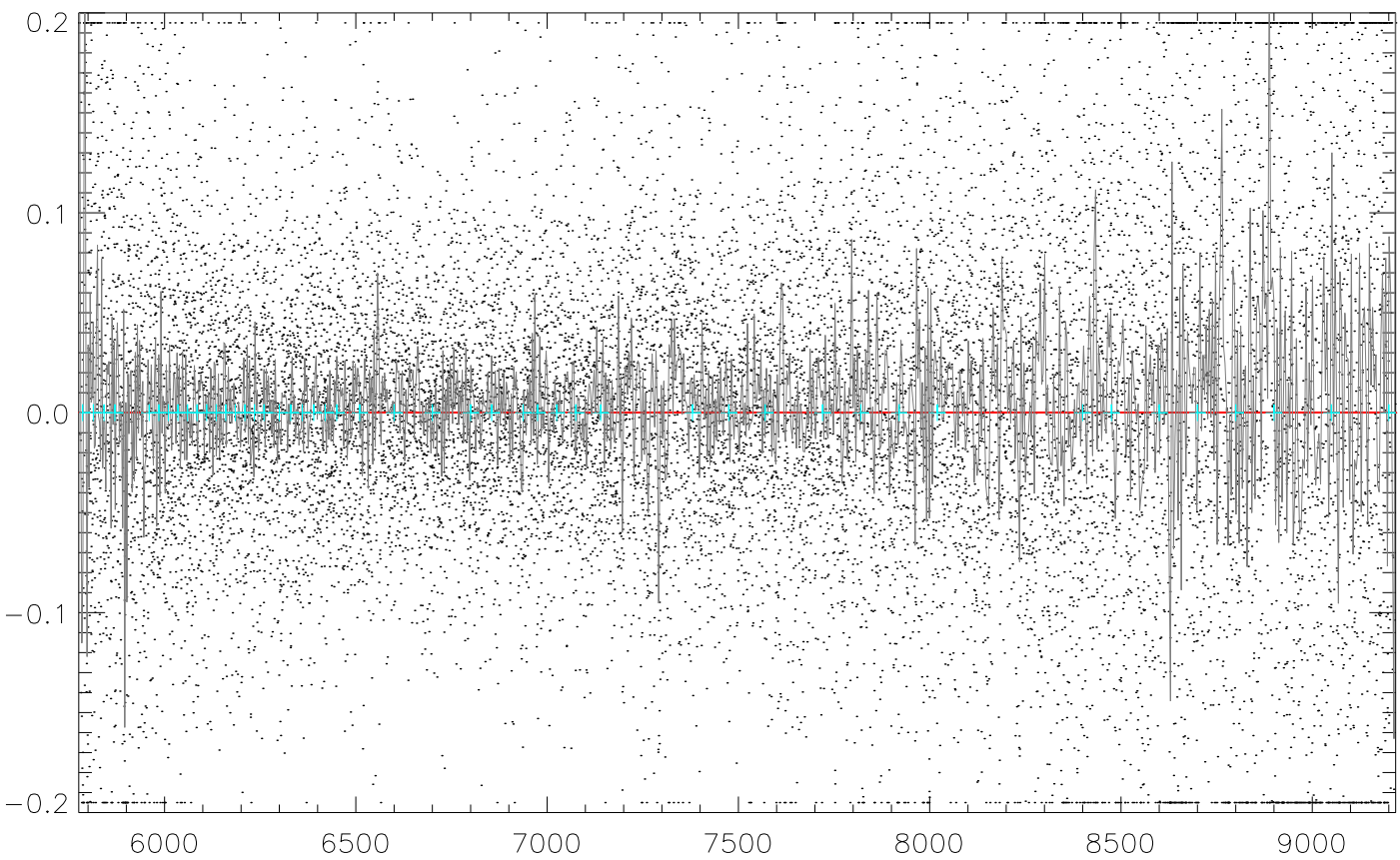

PLATE=0633 MJD=52079 Exp #00010276
Fiber 259
Fiber 242
Fiber 240
Fiber 172
Fiber 127
Fiber 113
Fiber 95
Fiber 49
Flux−calib
Wavelength [Ang]
5
10
15
20
25
30
4000
5000
6000
7000
8000
9000

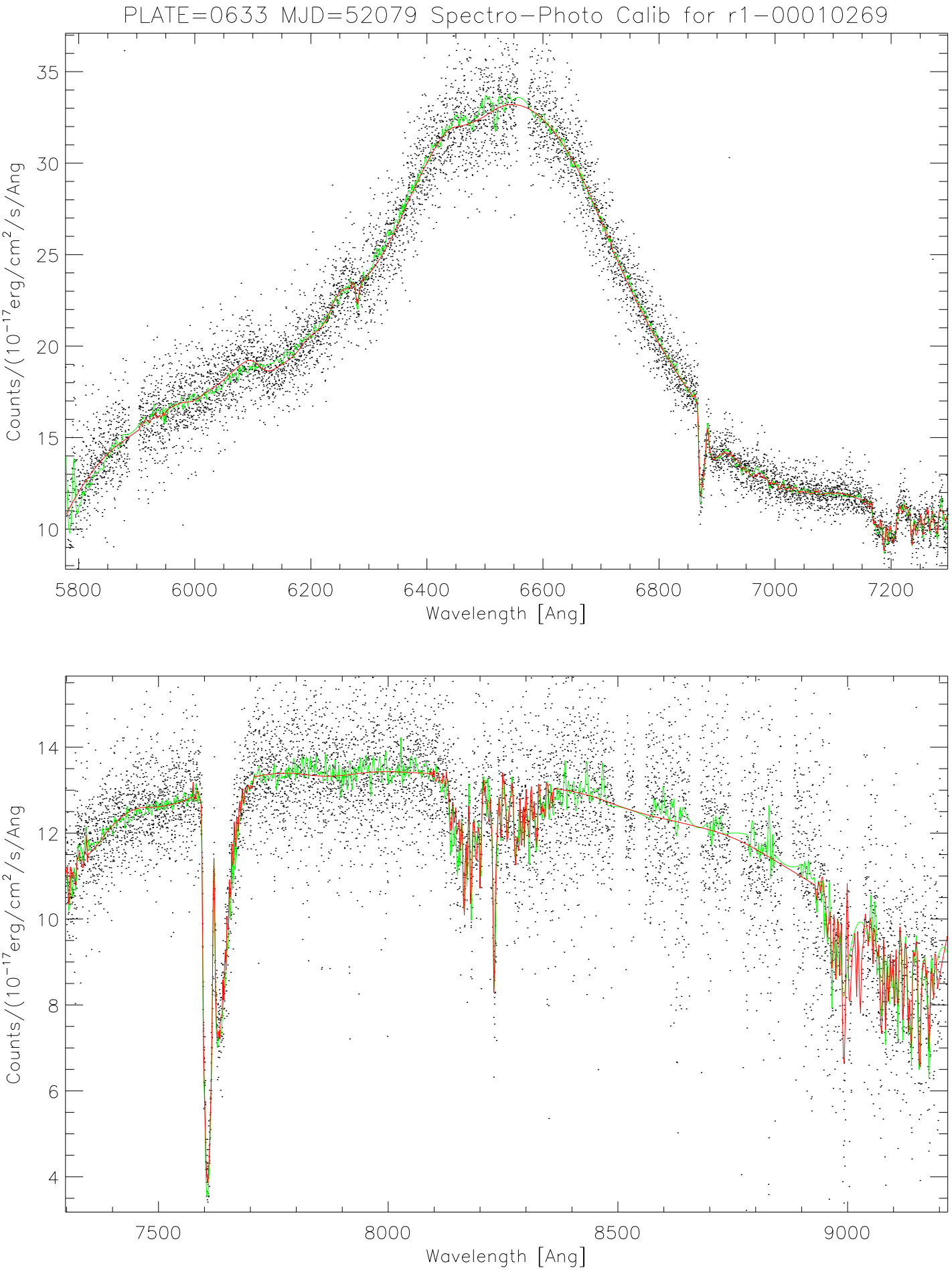

50
40
30
20
10
0
4000
4500
5000
5500
6000

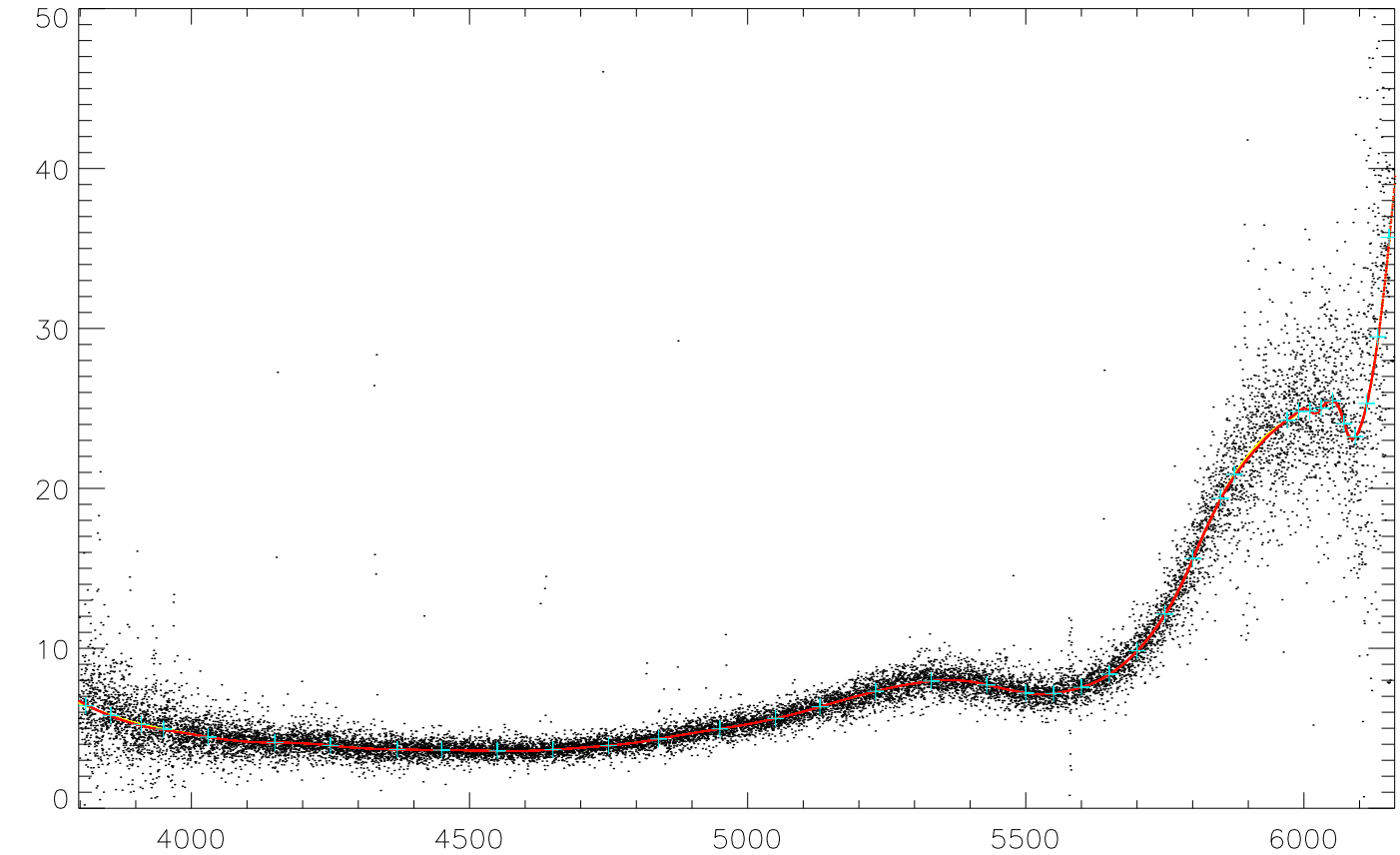

0.2
0.1
0.0
−0.1
−0.2
4000
4500
5000
5500
6000

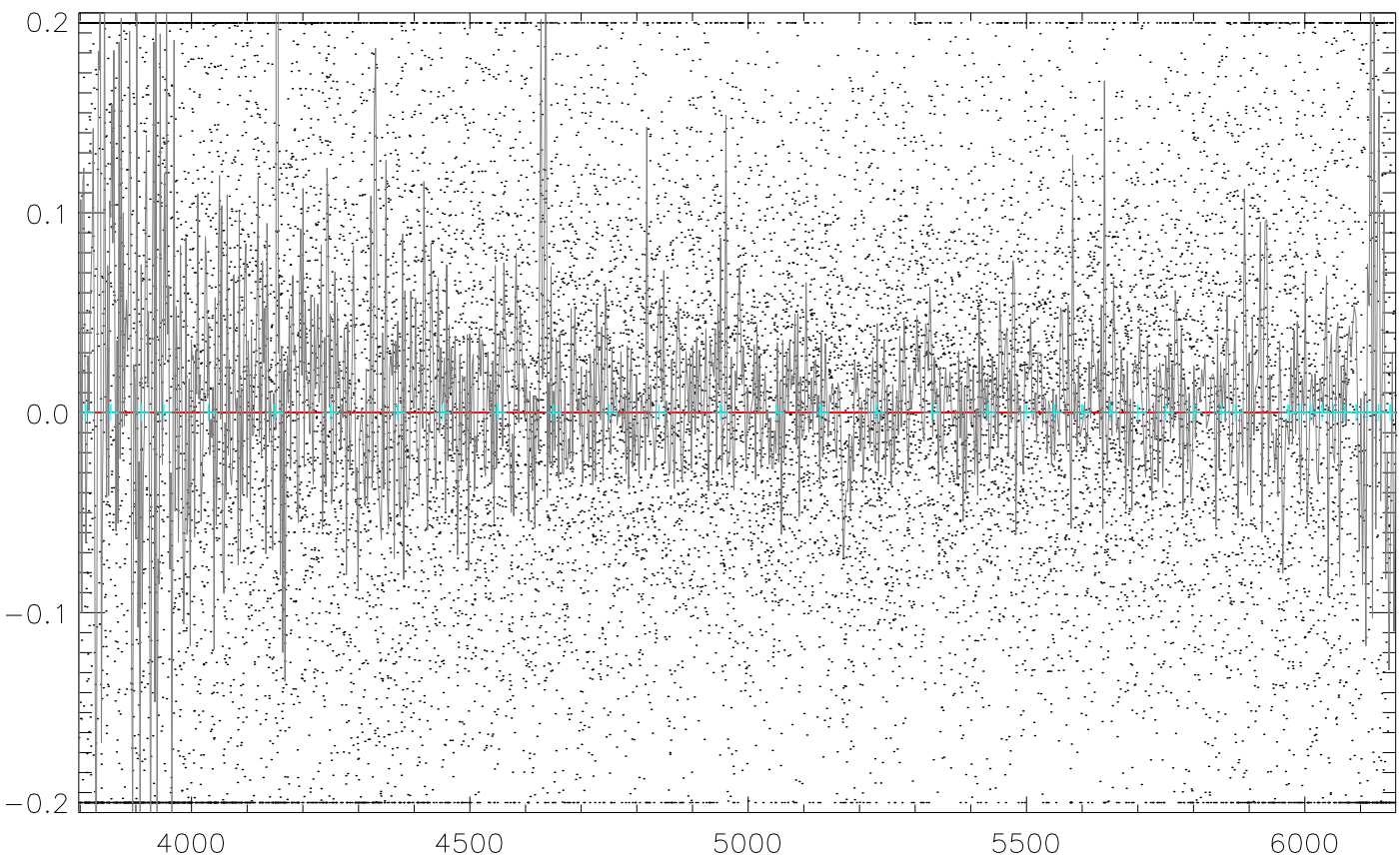

PLATE=0633 MJD=52079 Spectro−Photo Calib for b1−00010269
Counts/(10^-17erg/cm^2/s/Ang
Wavelength [Ang]
3800
4000
4200
4400
4600
4800
4
5
6
7
Counts/(10^-17erg/cm^2/s/Ang
Wavelength [Ang]
5000
5200
5400
5600
5800
6000
5
10
15
20
25
30

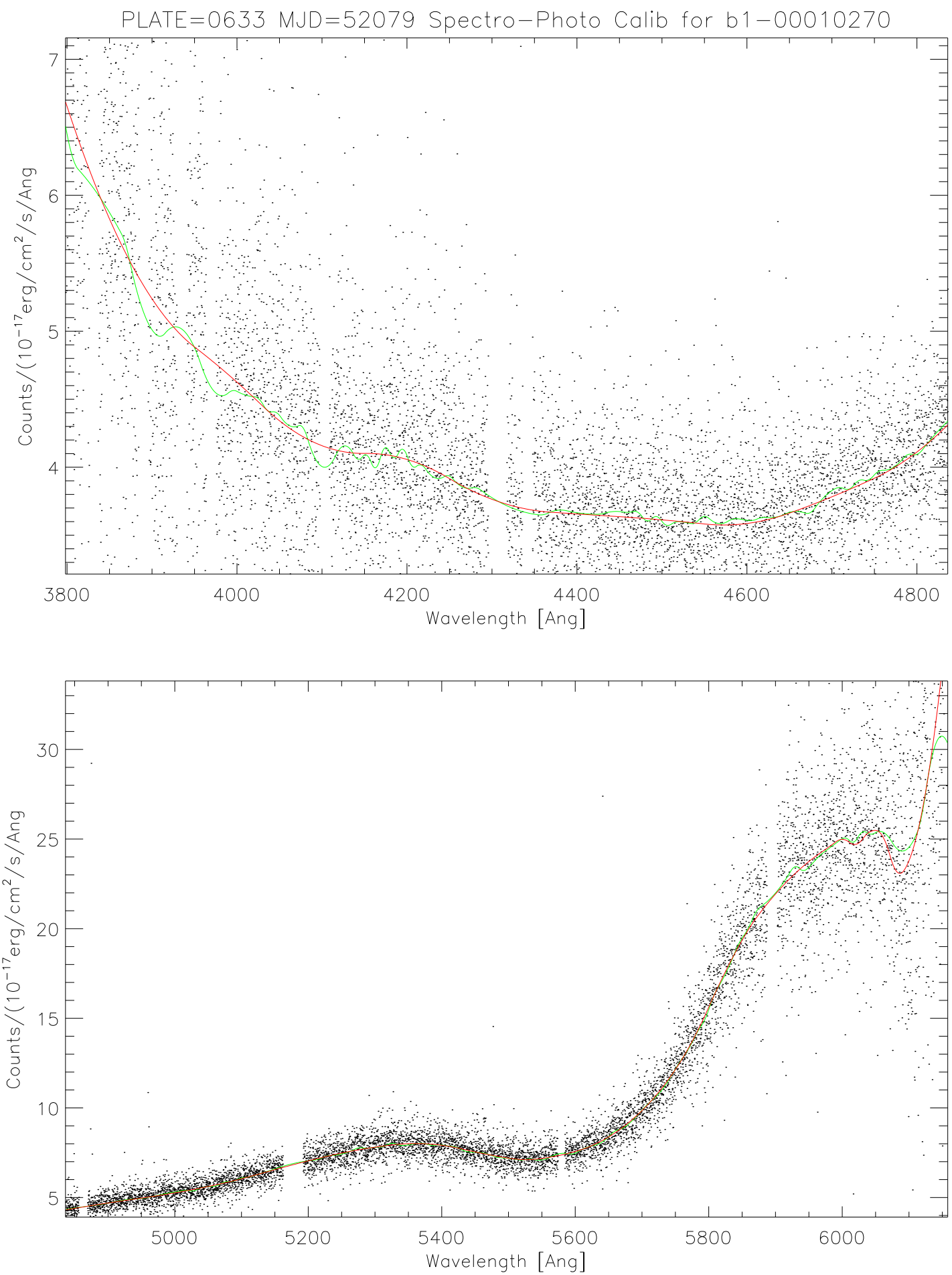

50
40
30
20
10
0
6000
6500
7000
7500
8000
8500
9000

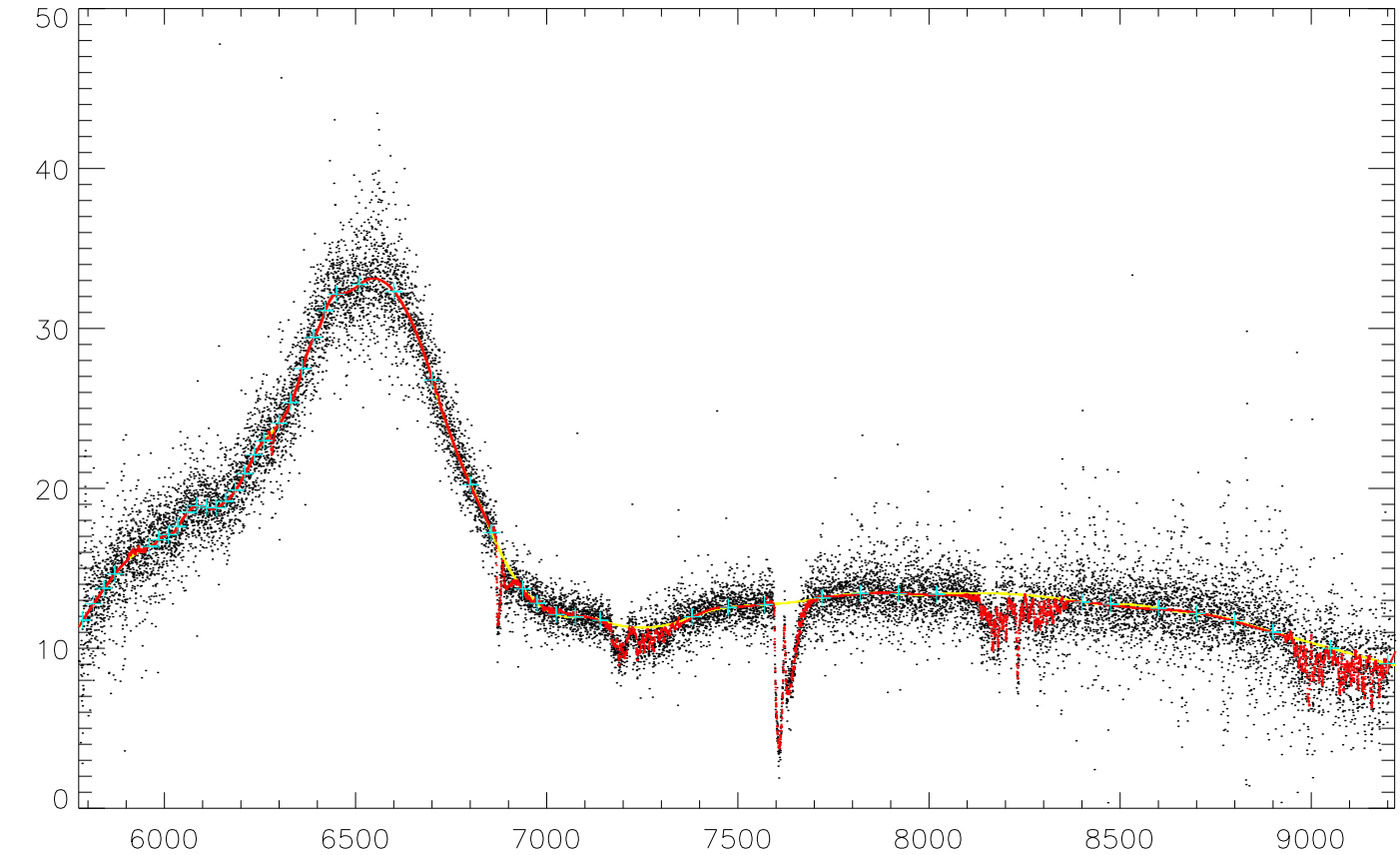

0.2
0.1
0.0
−0.1
−0.2
6000
6500
7000
7500
8000
8500
9000

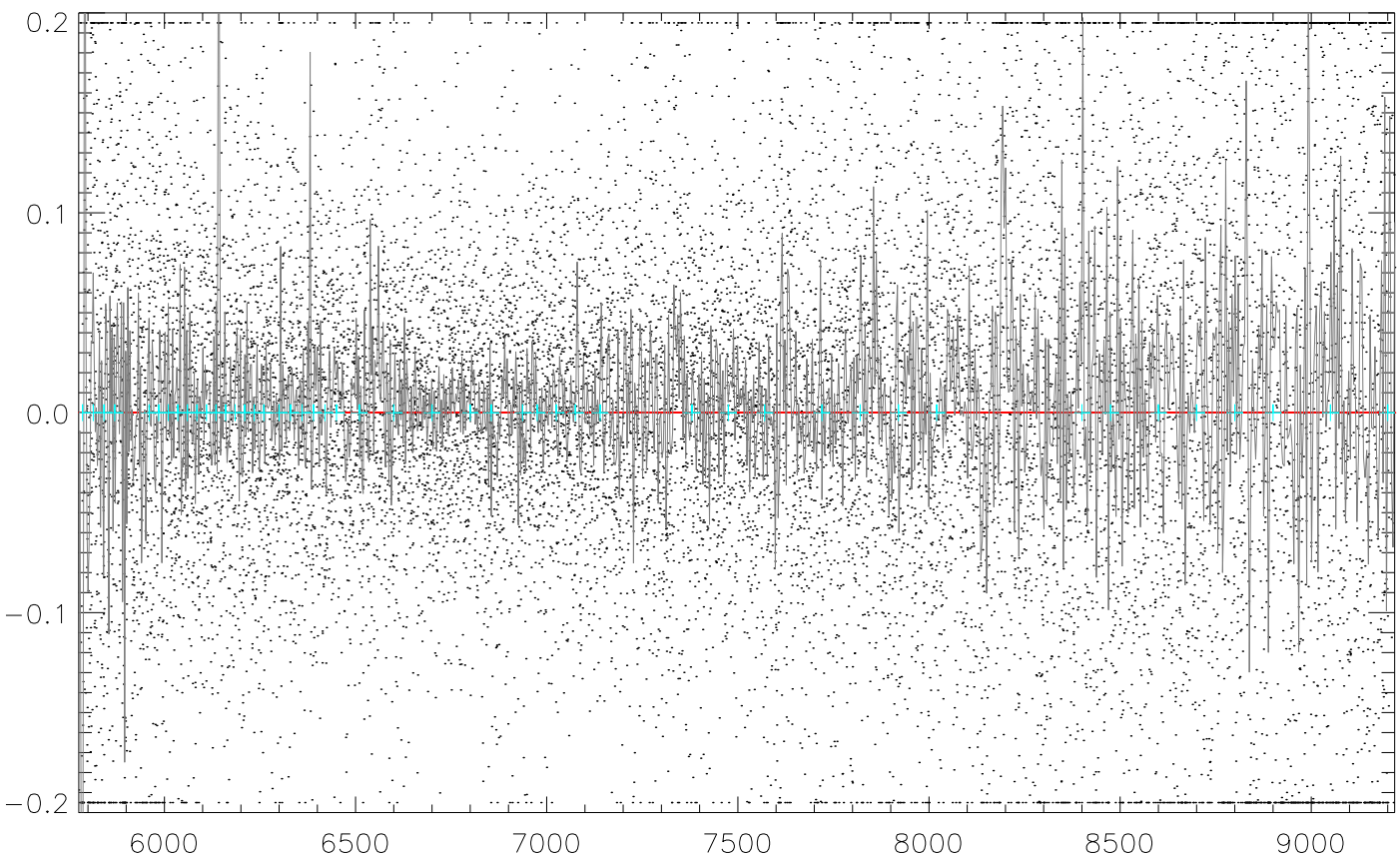

PLATE=0633 MJD=52079 Spectro−Photo Calib for r1−00010269
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
5800
6000
6200
6400
6600
6800
7000
7200
10
15
20
25
30
35
7500
8000
8500
9000
4
6
8
10
12
14

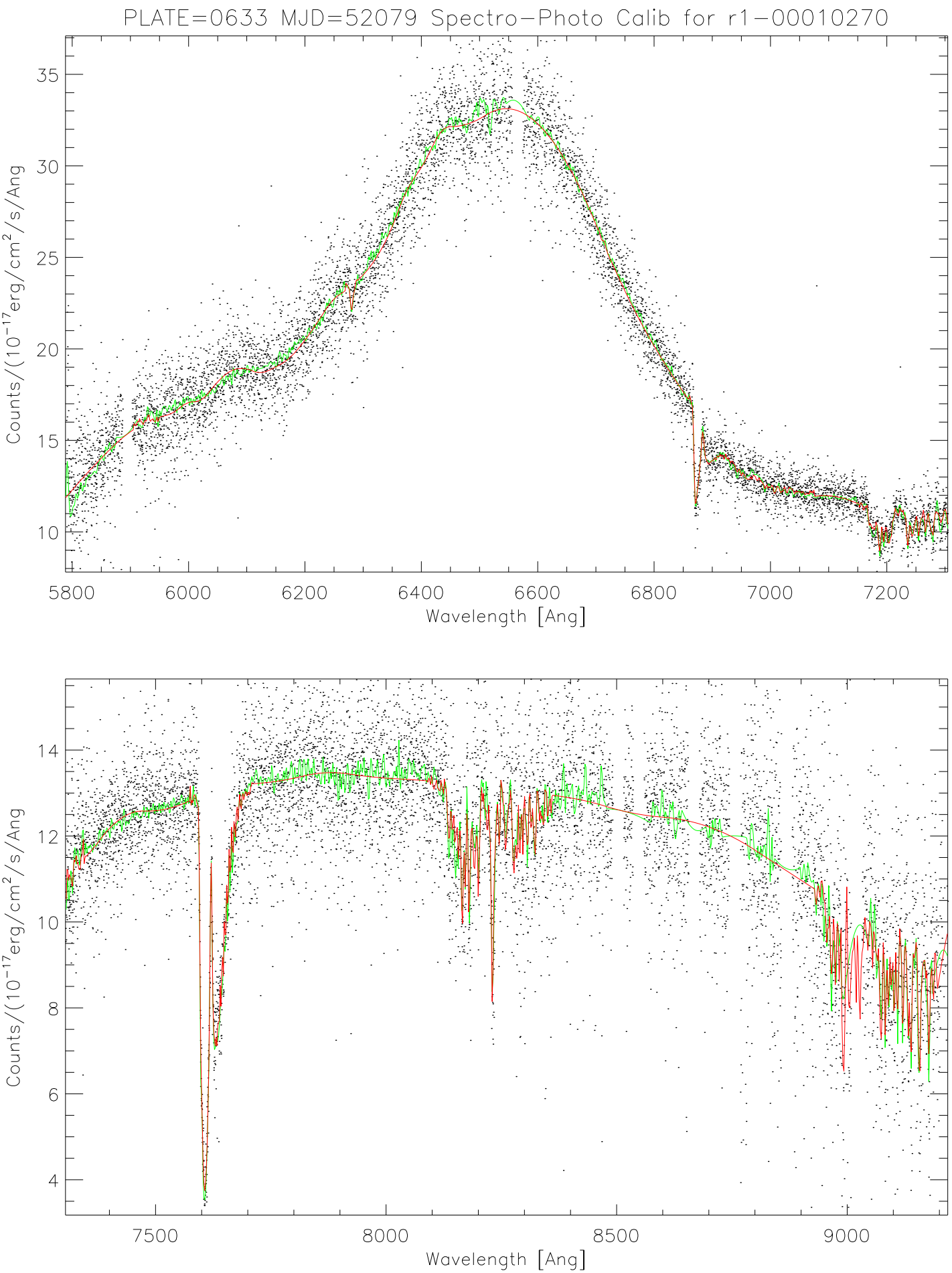

50
40
30
20
10
0
4000
4500
5000
5500
6000

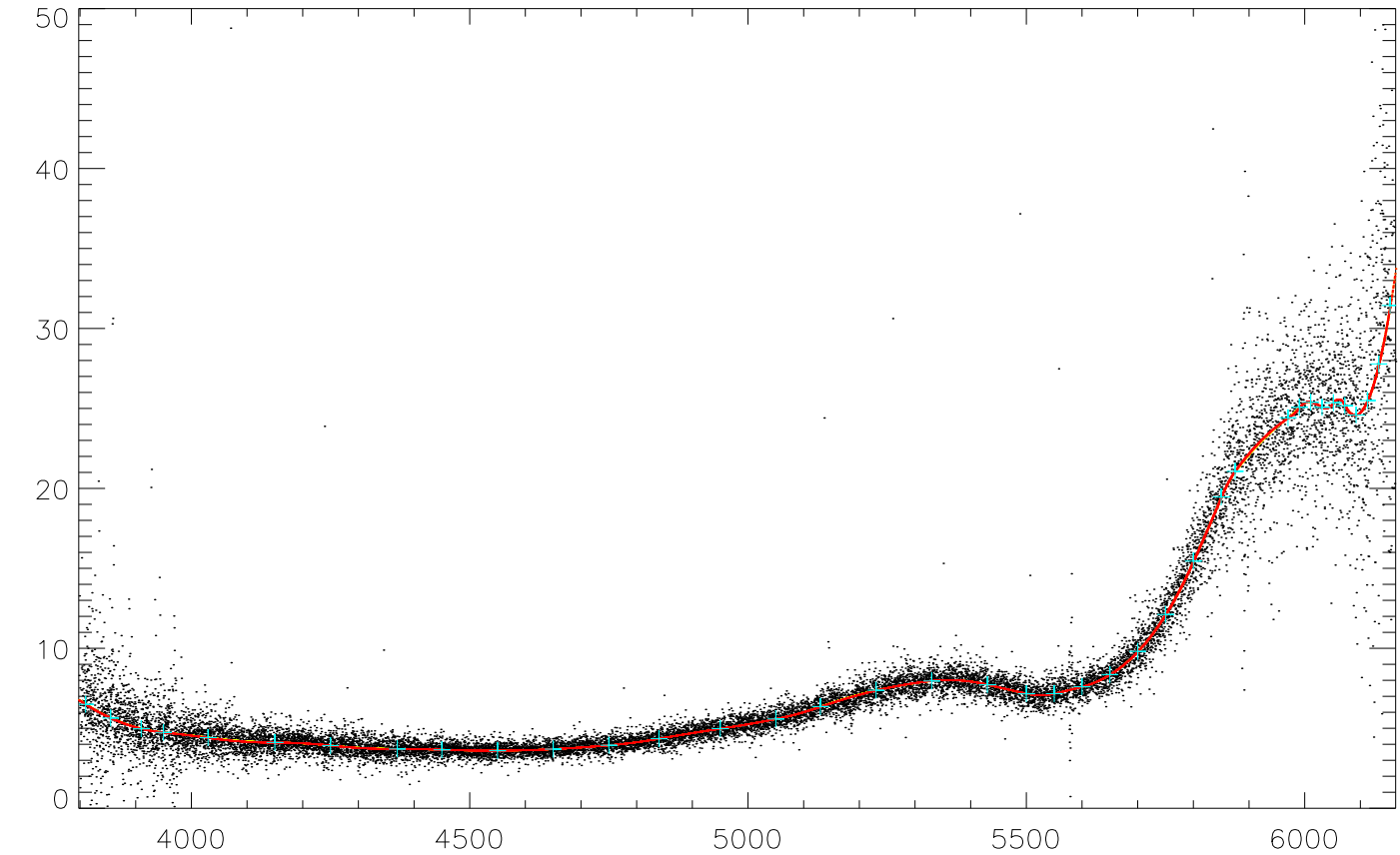

0.2
0.1
0.0
−0.1
−0.2
4000
4500
5000
5500
6000

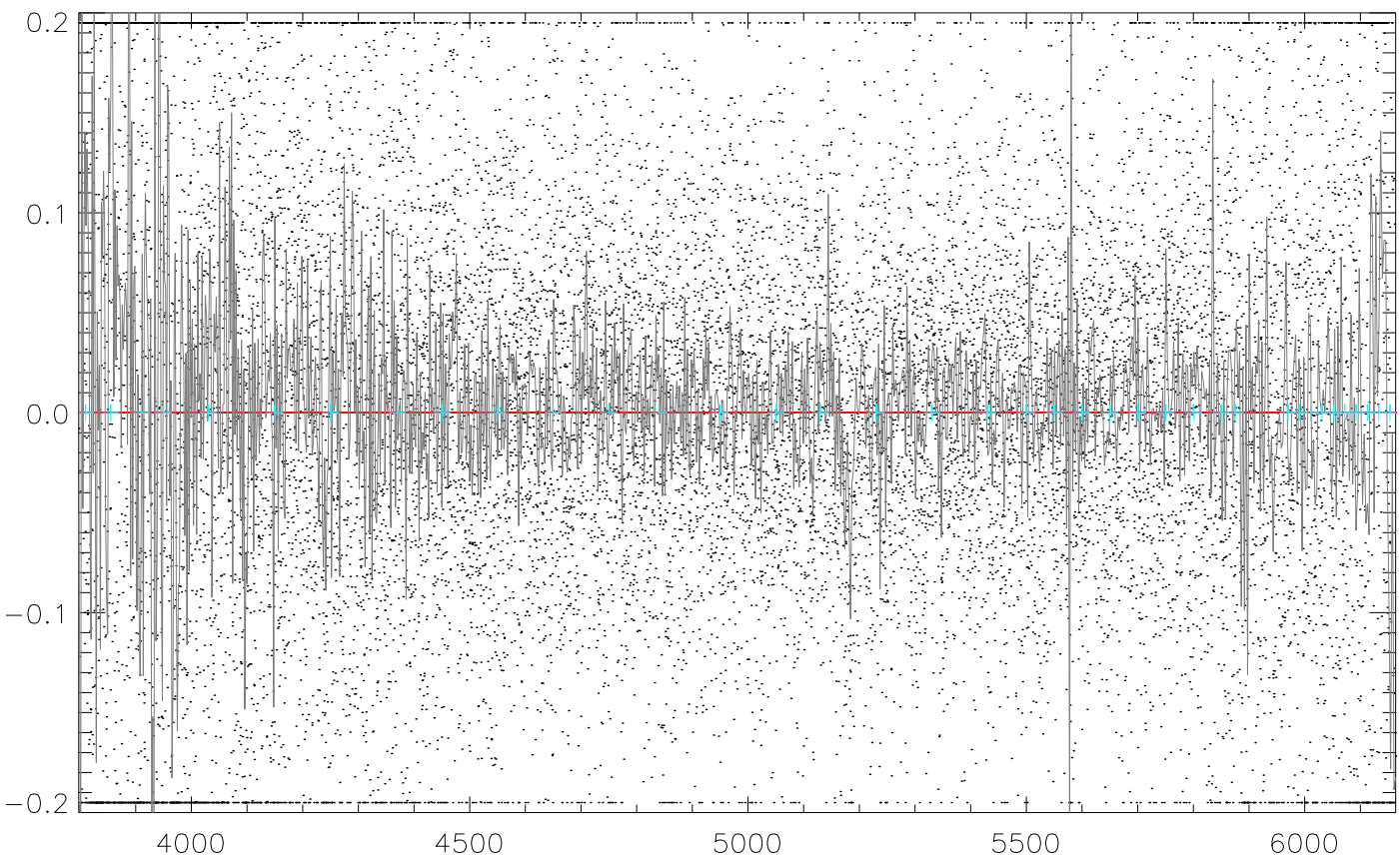

PLATE=0633 MJD=52079 Spectro−Photo Calib for b1−00010270
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
3800
4000
4200
4400
4600
4800
4
5
6
7
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
5000
5200
5400
5600
5800
6000
5
10
15
20
25
30

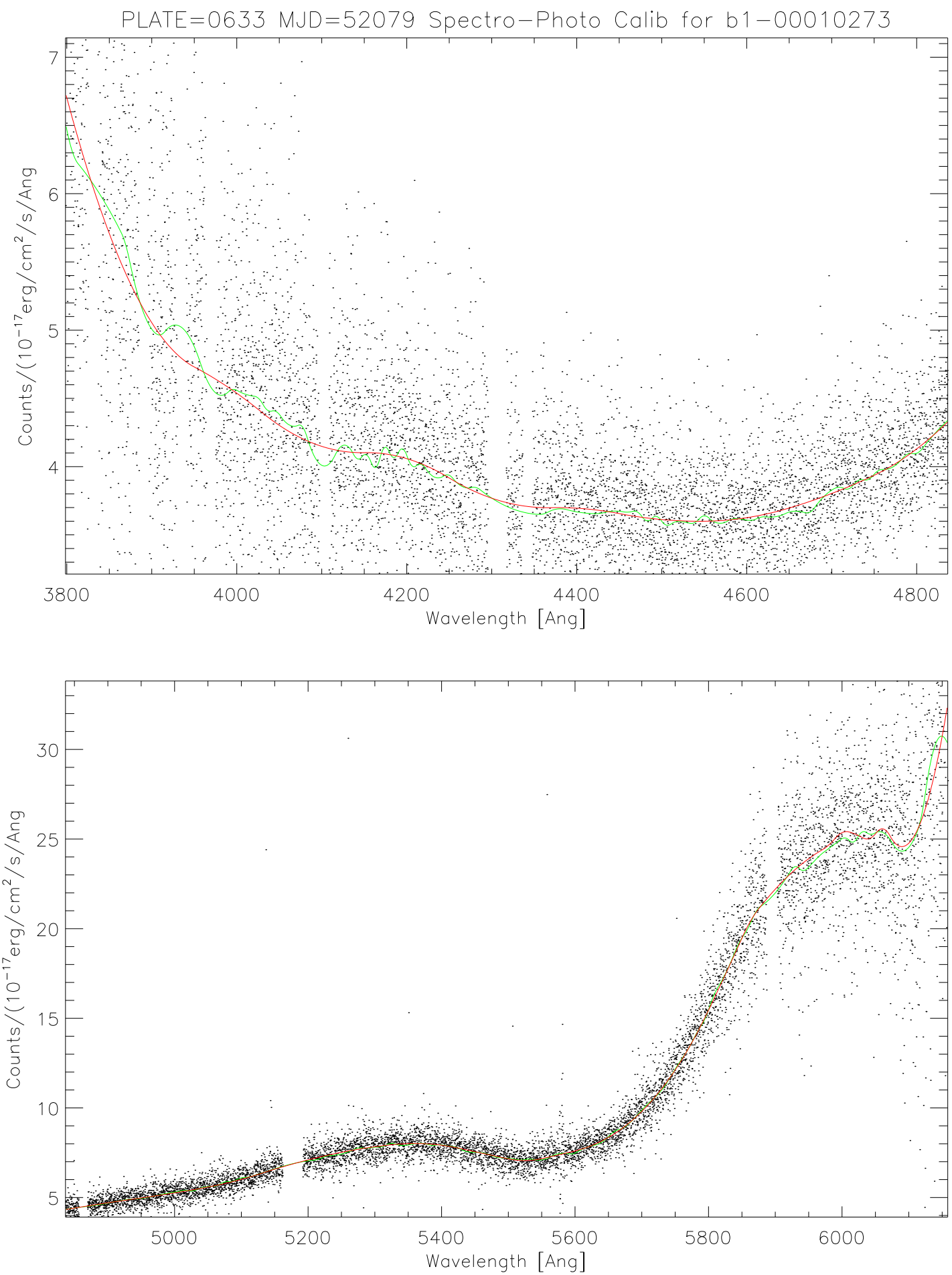

50
40
30
20
10
0
6000
6500
7000
7500
8000
8500
9000

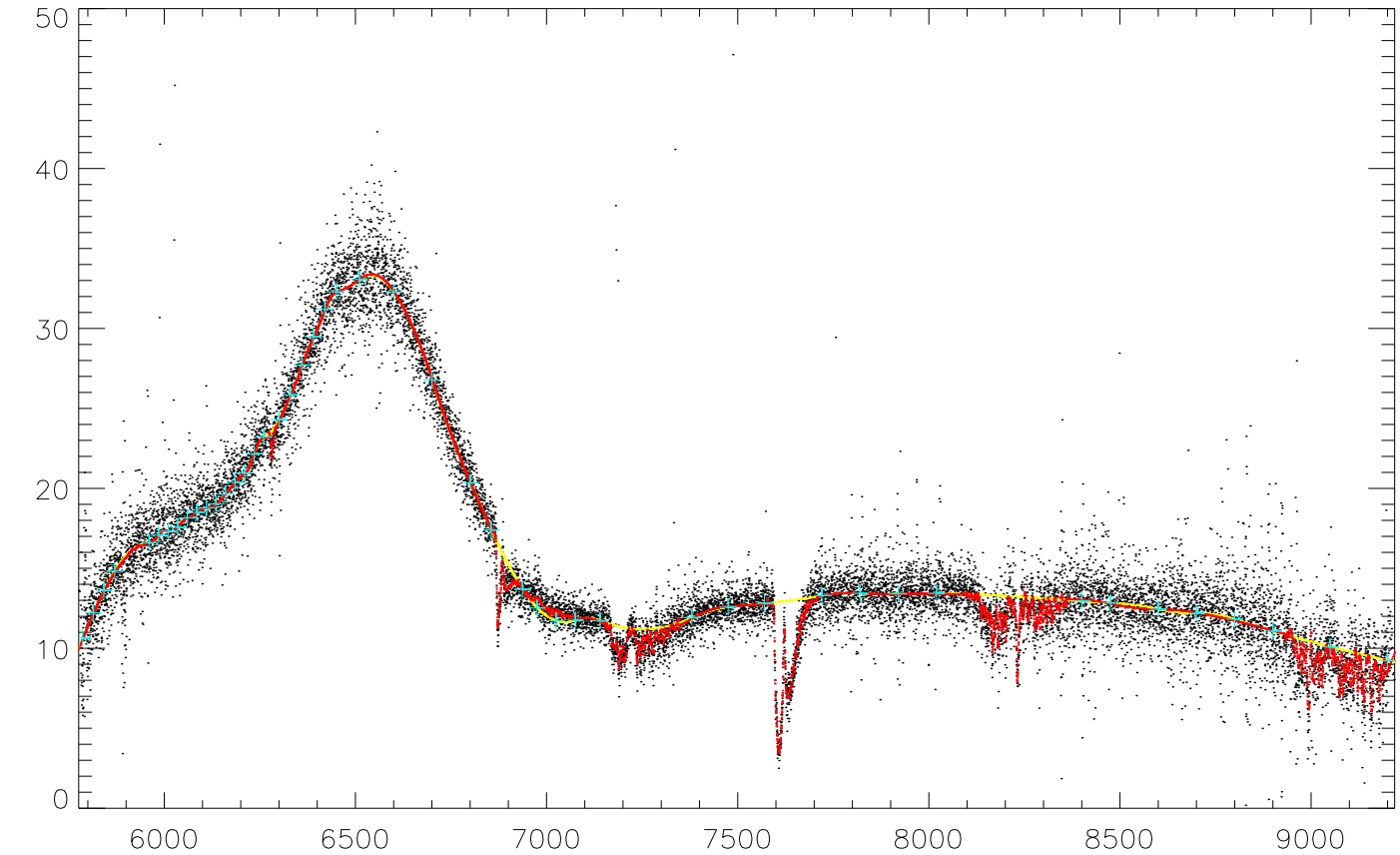

0.2
0.1
0.0
−0.1
−0.2
6000
6500
7000
7500
8000
8500
9000

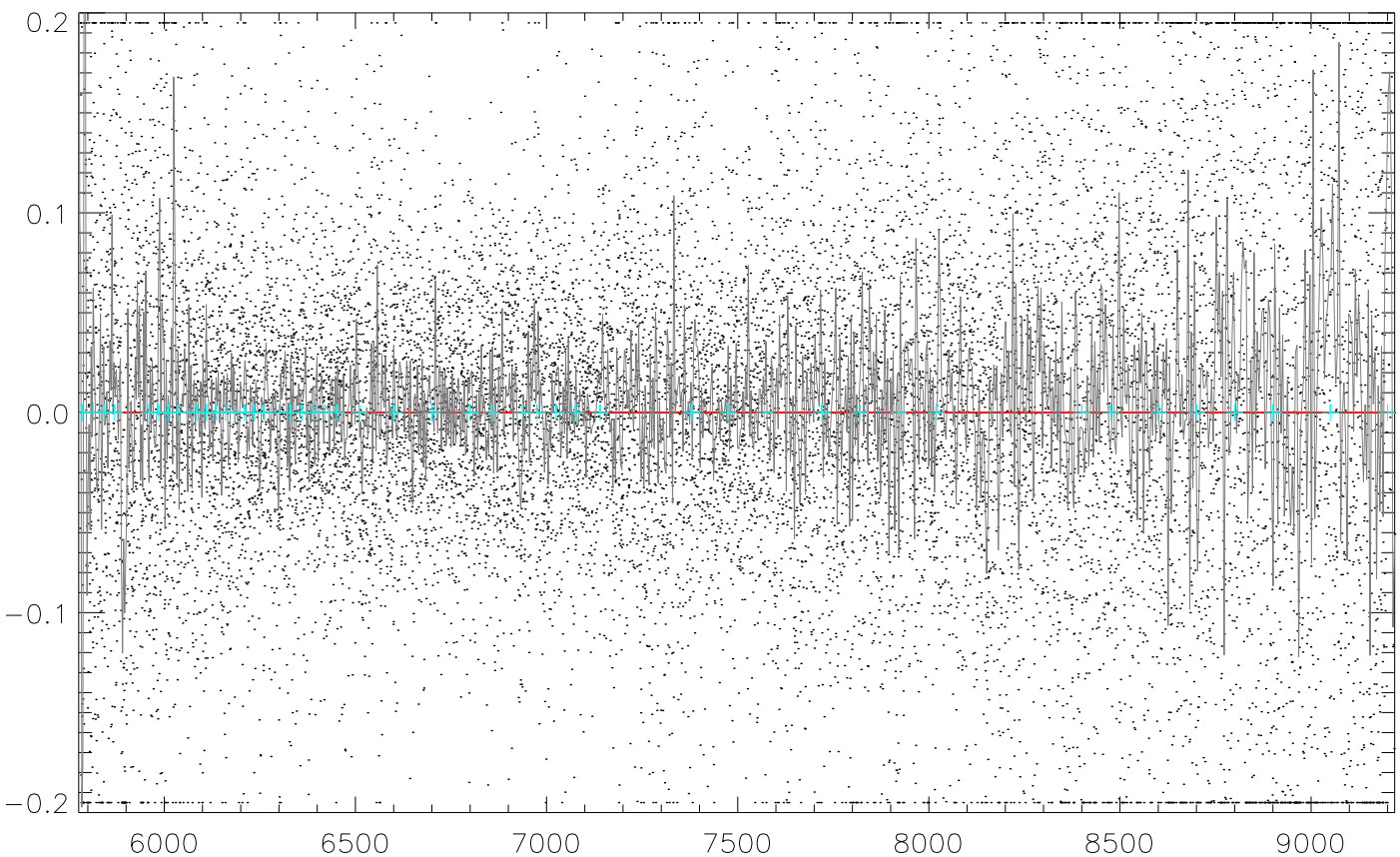

PLATE=0633 MJD=52079 Spectro−Photo Calib for r1−00010270
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
5800
6000
6200
6400
6600
6800
7000
7200
10
15
20
25
30
35
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
7500
8000
8500
9000
4
6
8
10
12
14

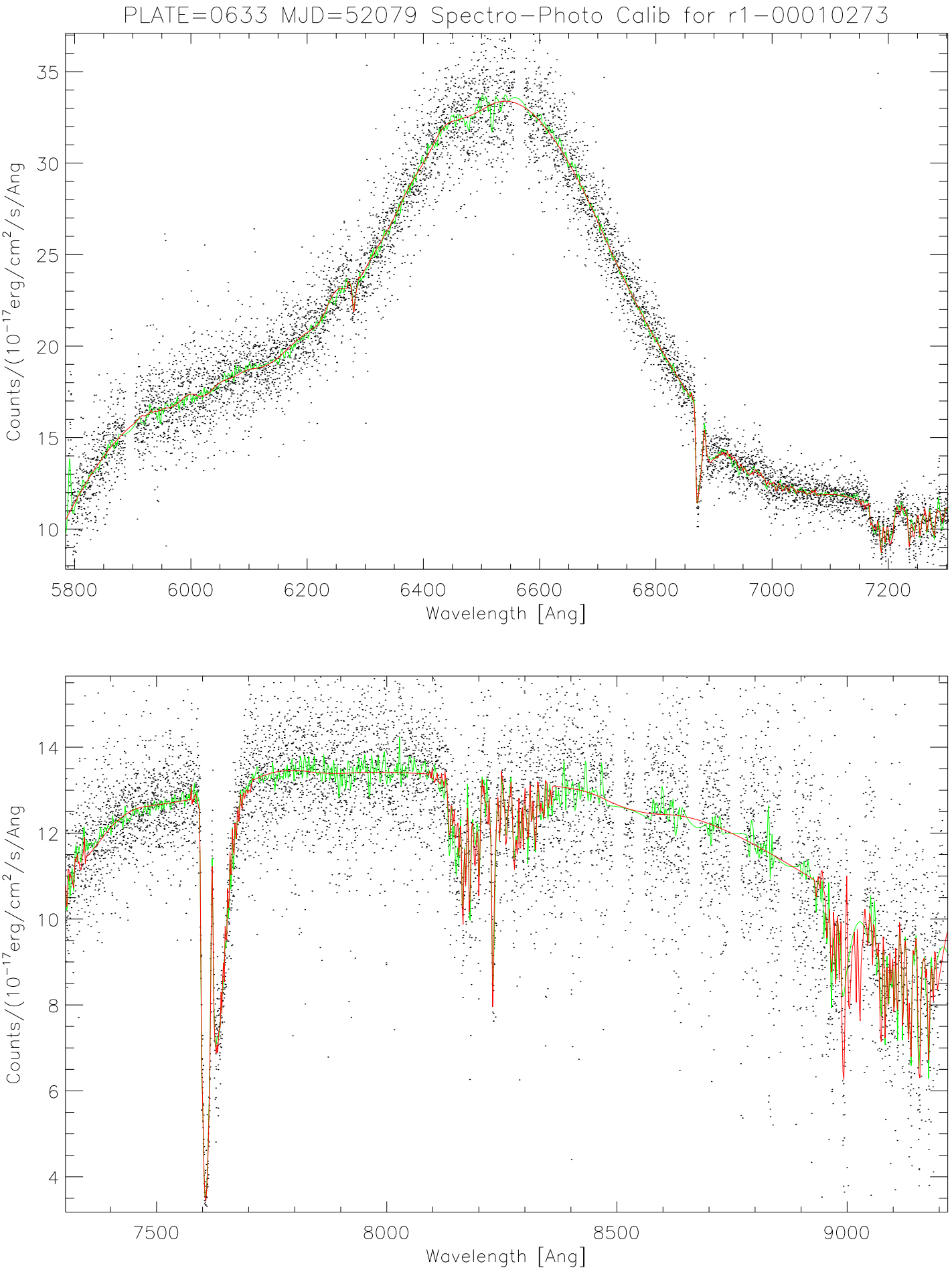

50
40
30
20
10
0
4000
4500
5000
5500
6000

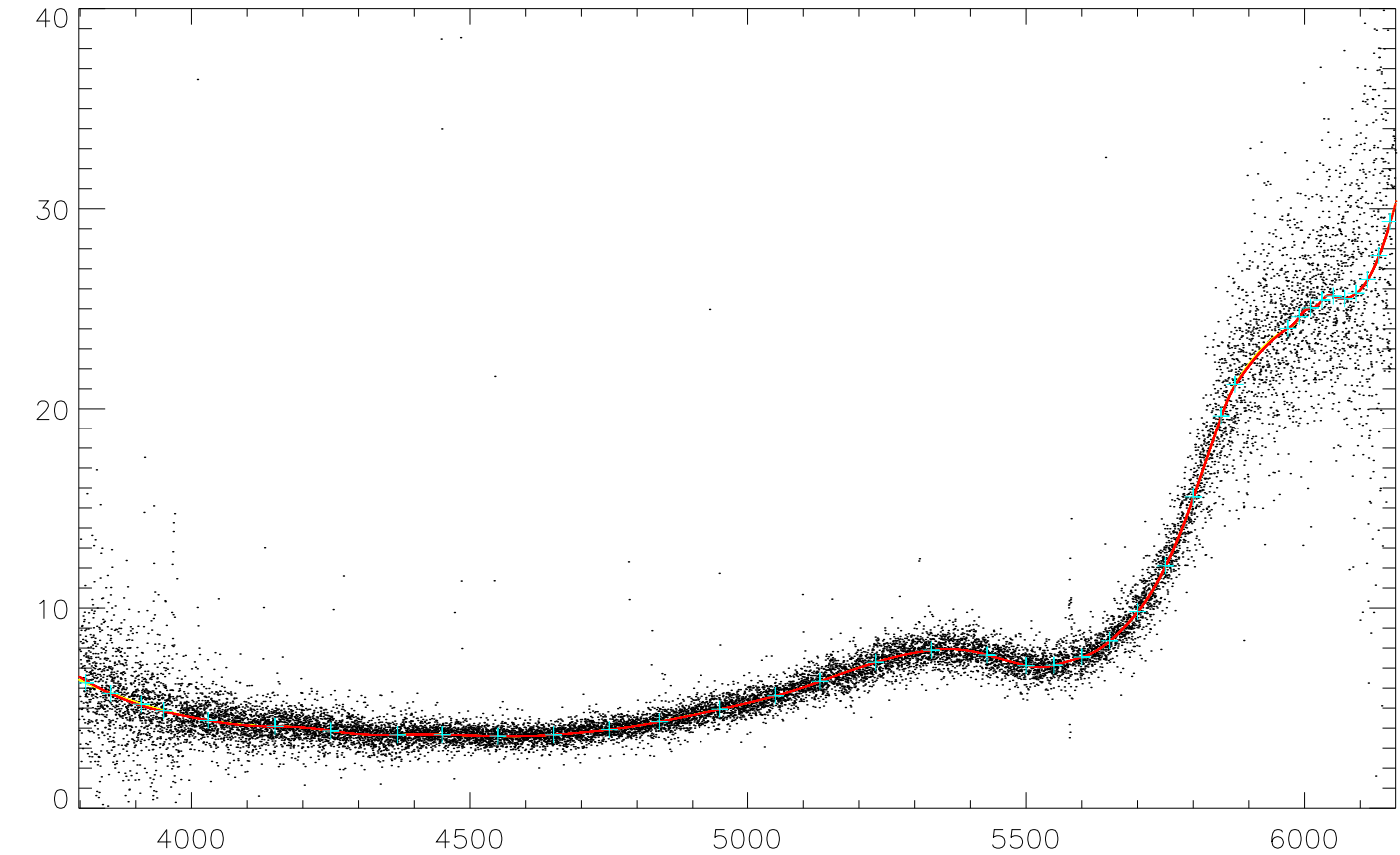

0.2
0.1
0.0
−0.1
−0.2
4000
4500
5000
5500
6000

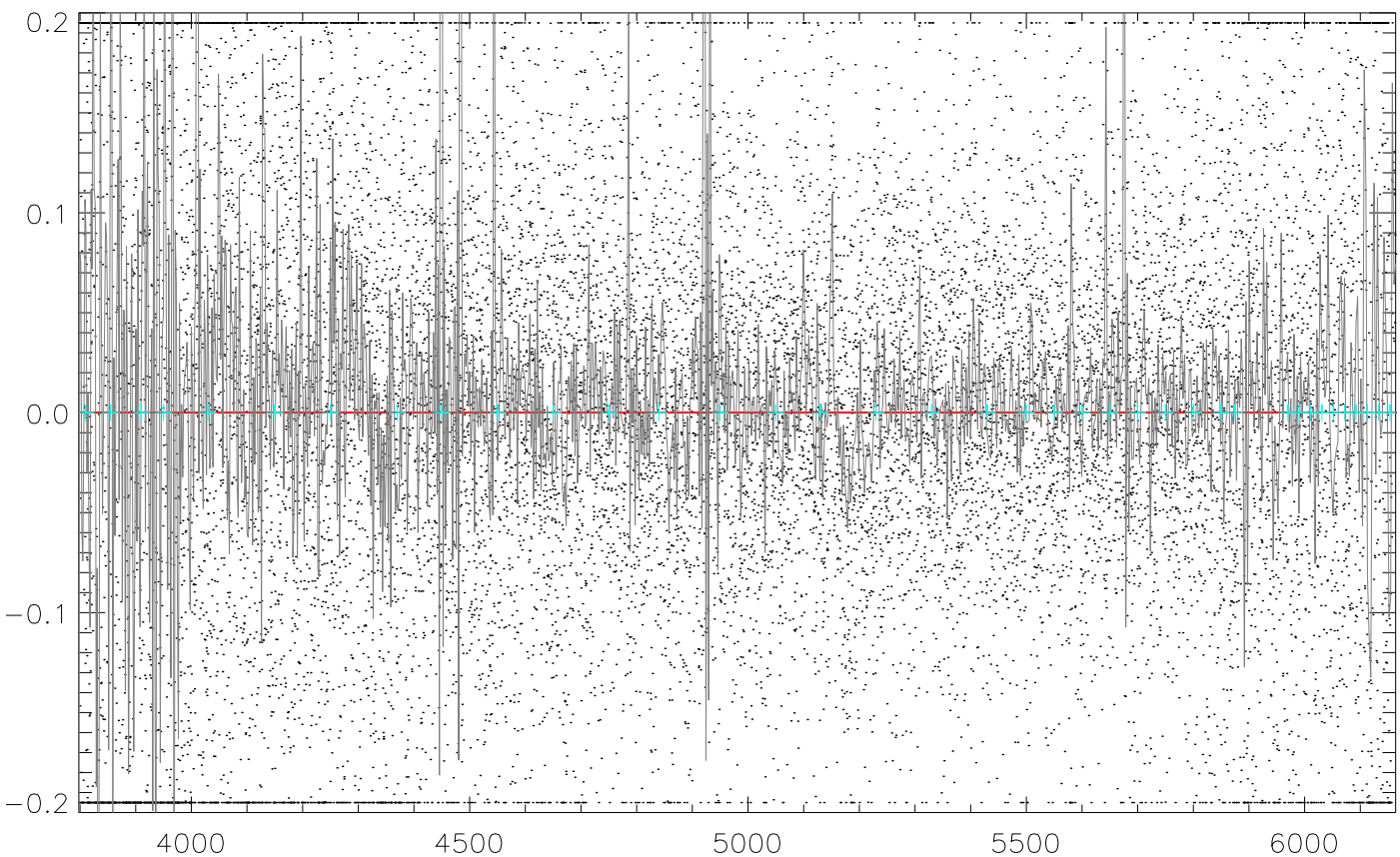

PLATE=0633 MJD=52079 Spectro−Photo Calib for b1−00010273
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
3800
4000
4200
4400
4600
4800
4
5
6
7
5000
5200
5400
5600
5800
6000
5
10
15
20
25
30

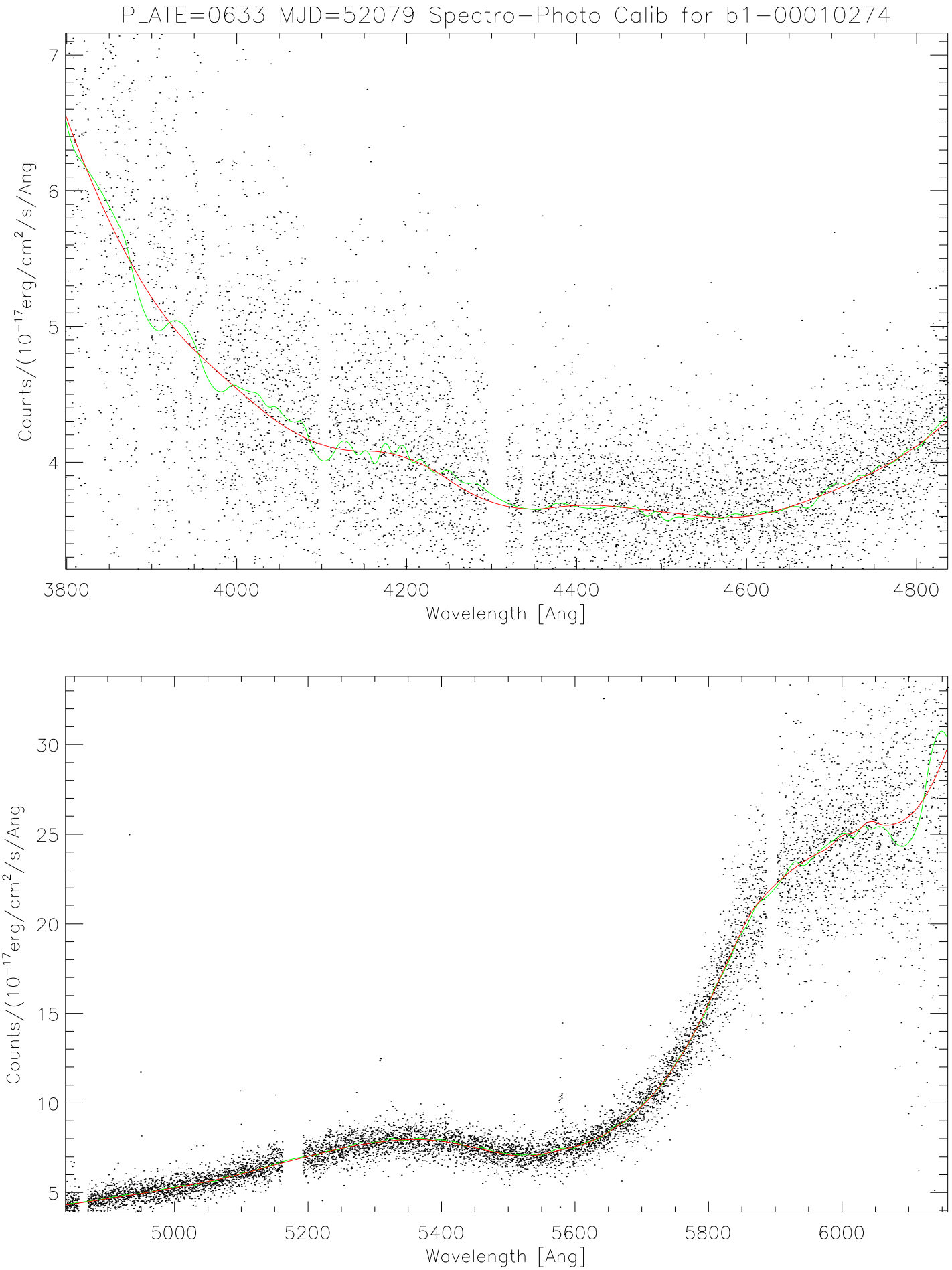

50
40
30
20
10
0
6000
6500
7000
7500
8000
8500
9000

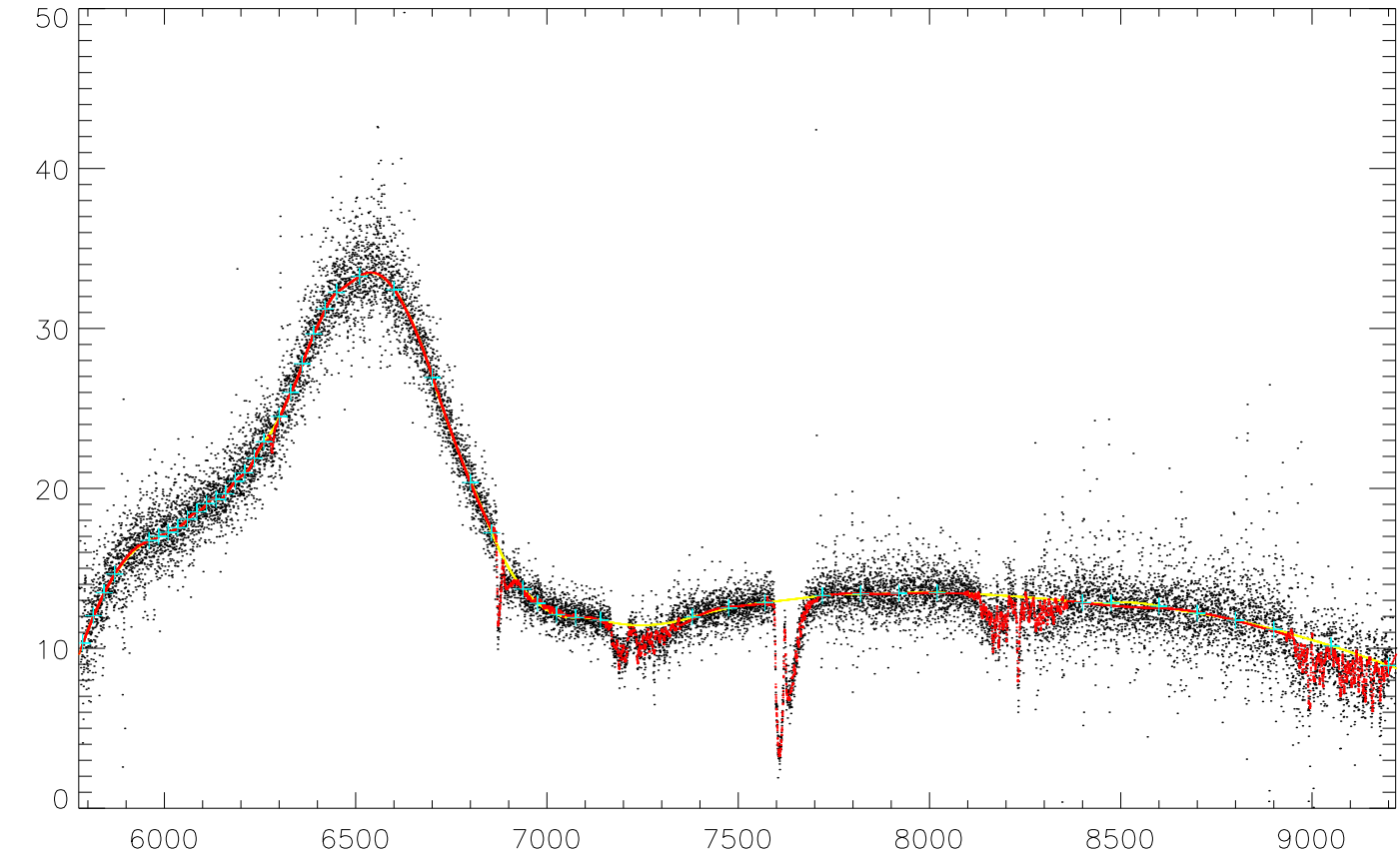

0.2
0.1
0.0
−0.1
−0.2
6000
6500
7000
7500
8000
8500
9000

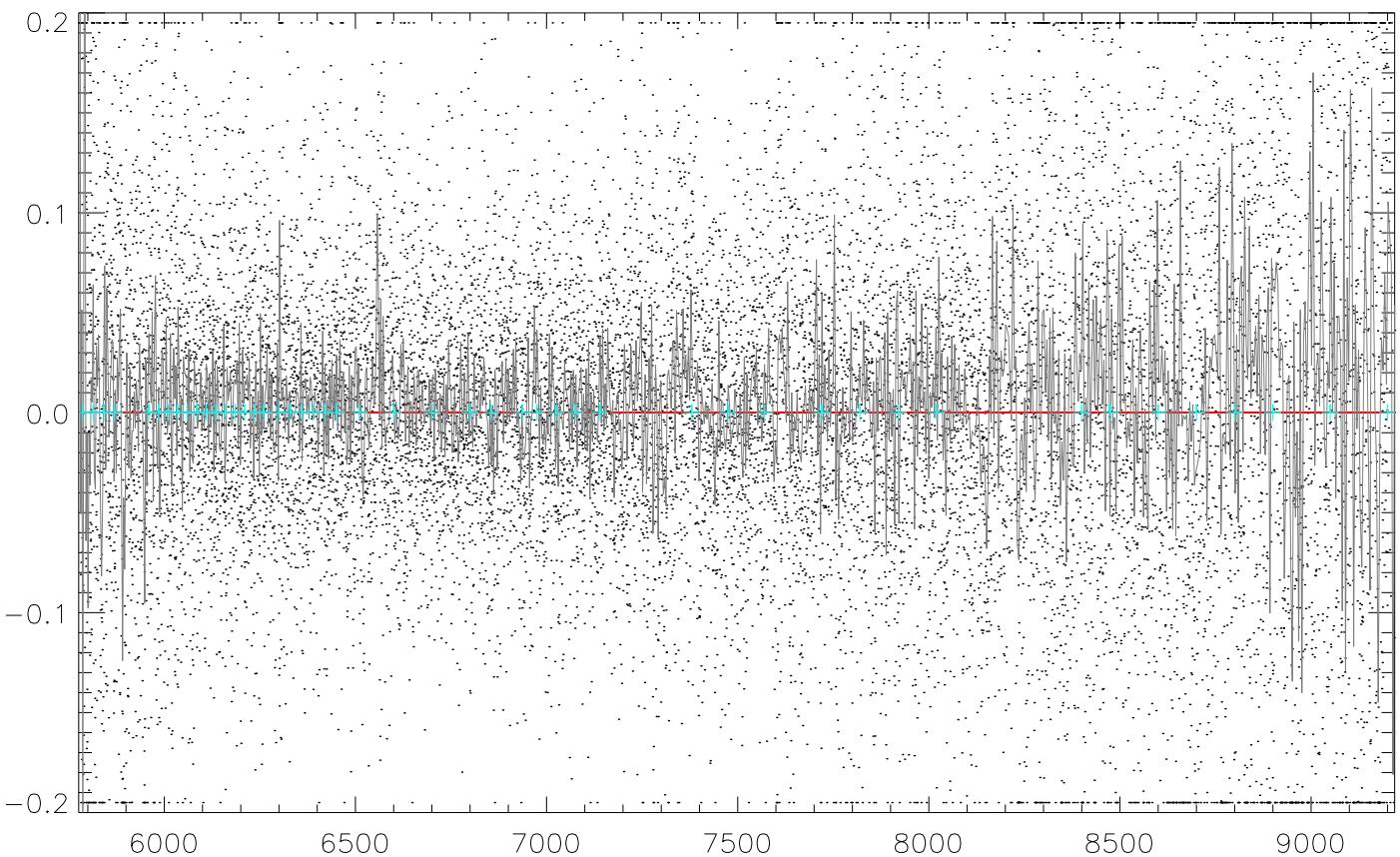

PLATE=0633 MJD=52079 Spectro−Photo Calib for r1−00010273
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
35
30
25
20
15
10
5800
6000
6200
6400
6600
6800
7000
7200
14
12
10
8
6
4
7500
8000
8500
9000

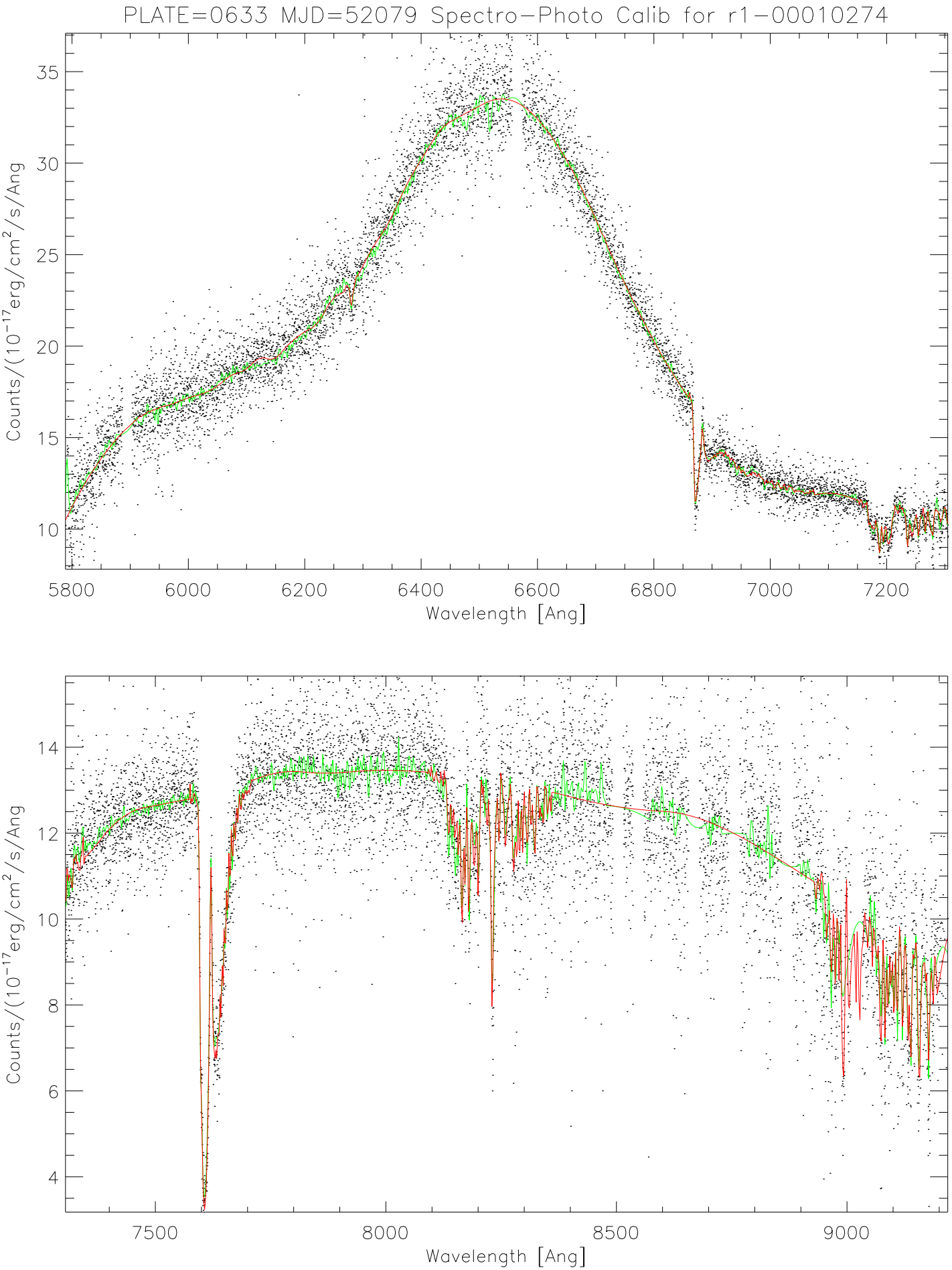

40
30
20
10
0
4000
4500
5000
5500
6000

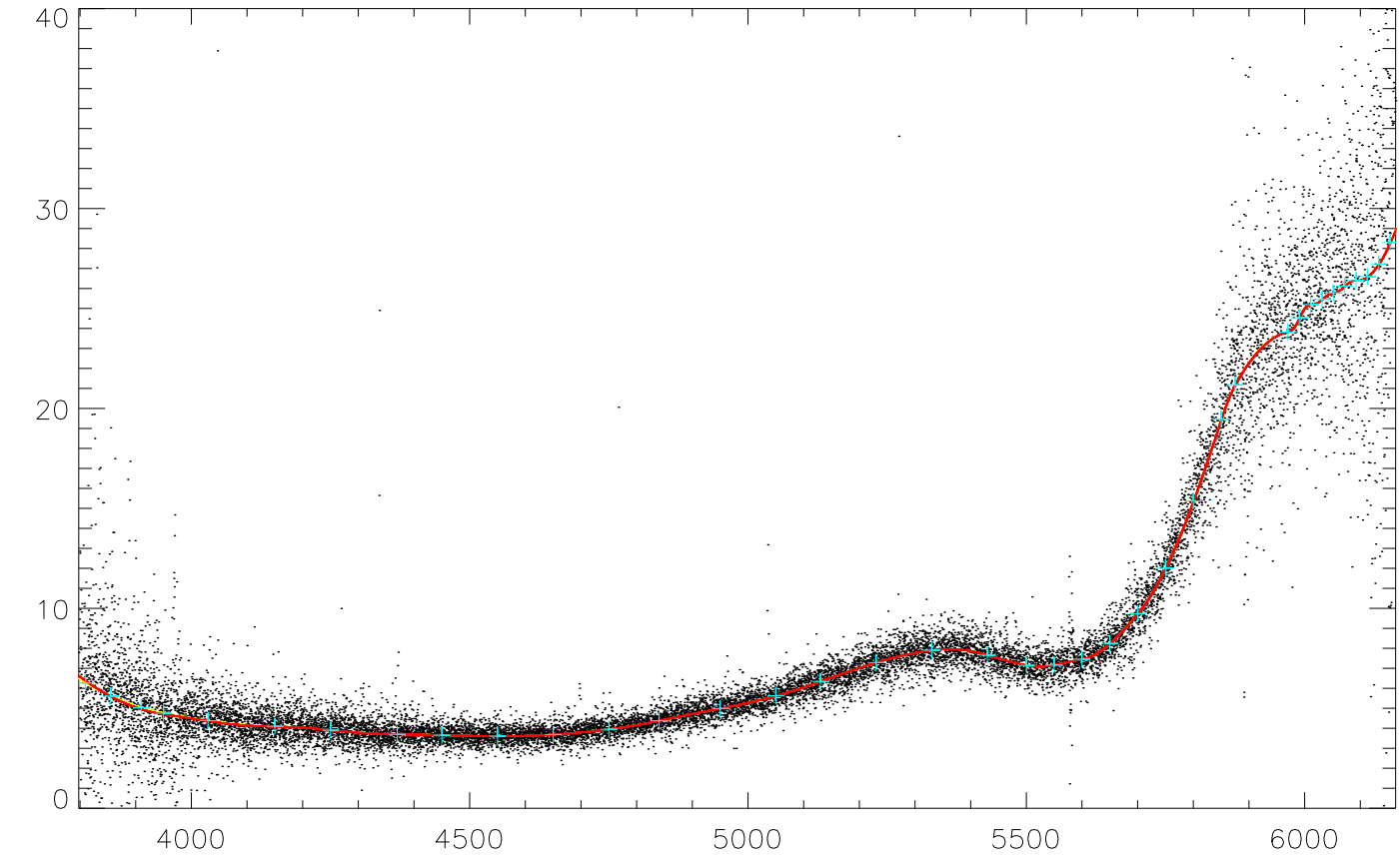

0.2
0.1
0.0
−0.1
−0.2
4000
4500
5000
5500
6000

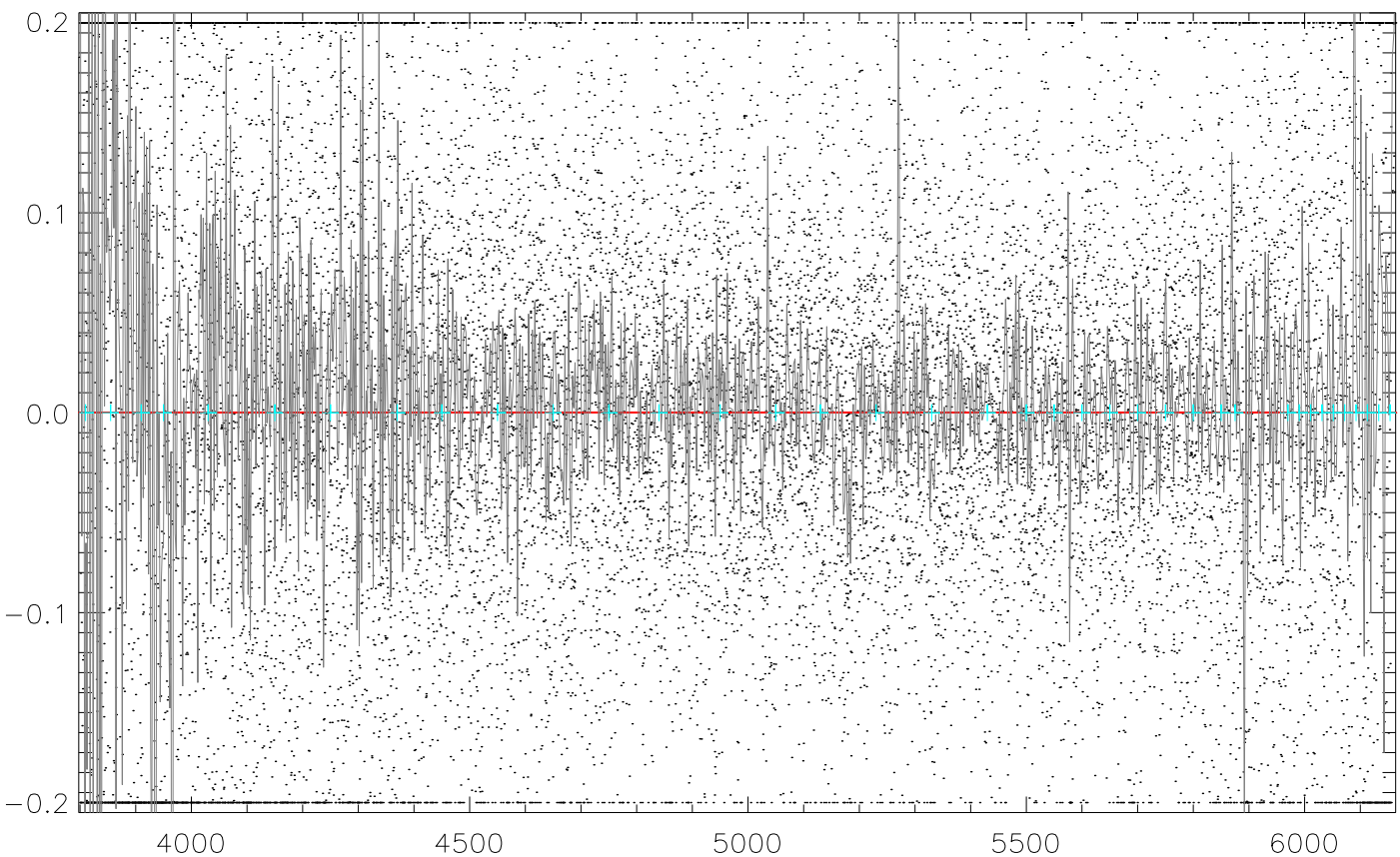

PLATE=0633 MJD=52079 Spectro−Photo Calib for b1−00010274
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
3800
4000
4200
4400
4600
4800
4
5
6
7
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
5000
5200
5400
5600
5800
6000
5
10
15
20
25
30

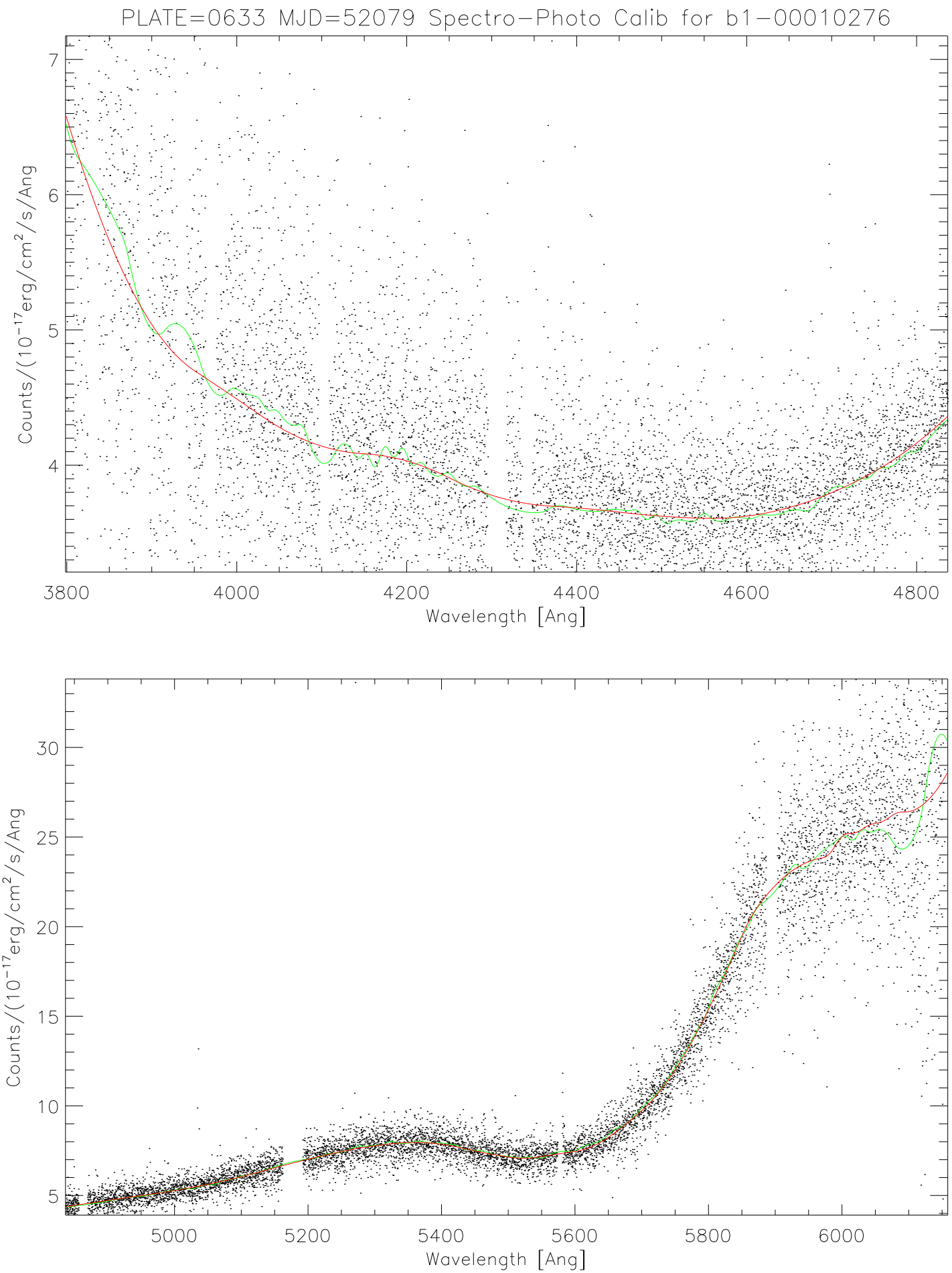

50
40
30
20
10
0
6000
6500
7000
7500
8000
8500
9000

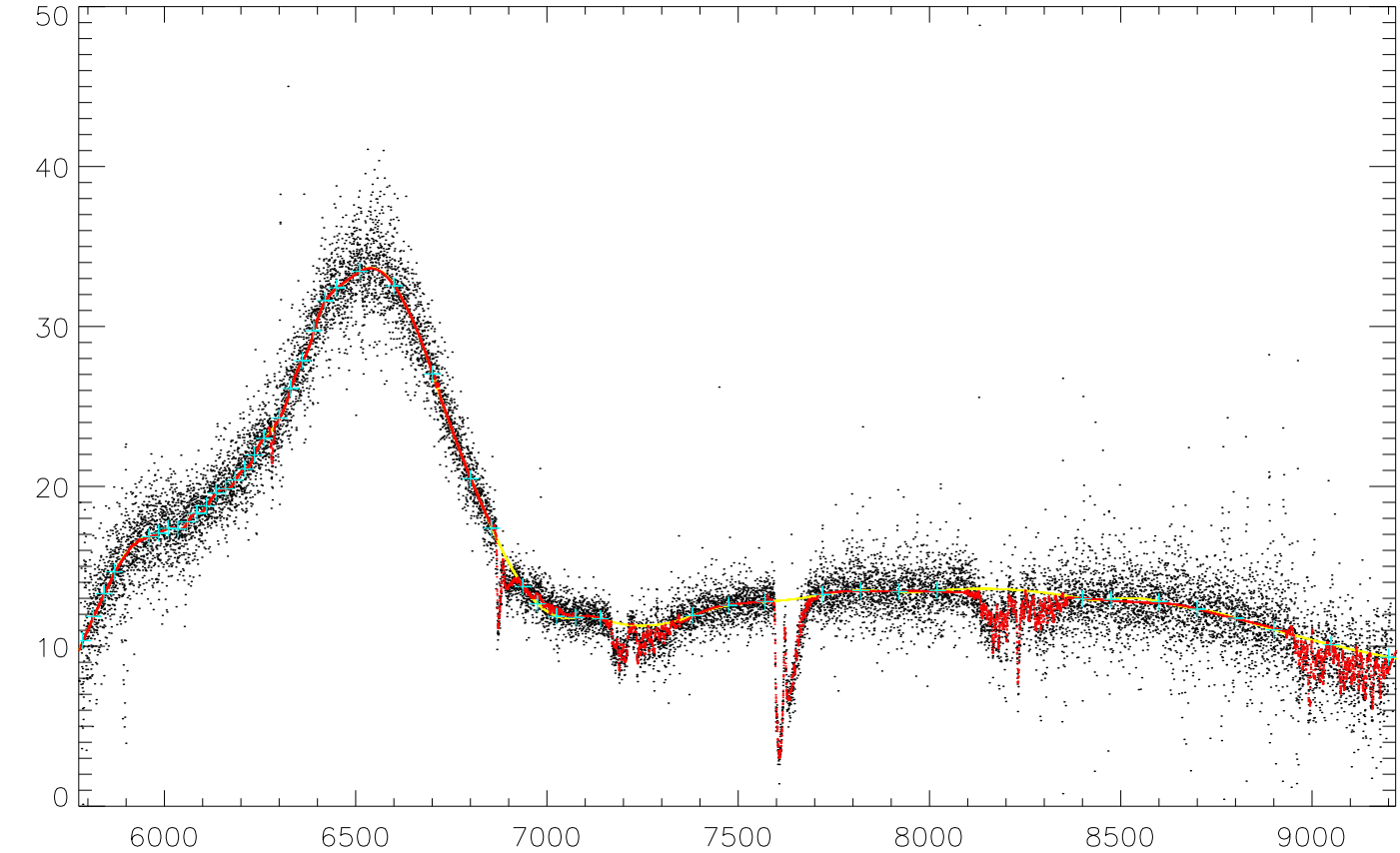

0.2
0.1
0.0
−0.1
−0.2
6000
6500
7000
7500
8000
8500
9000

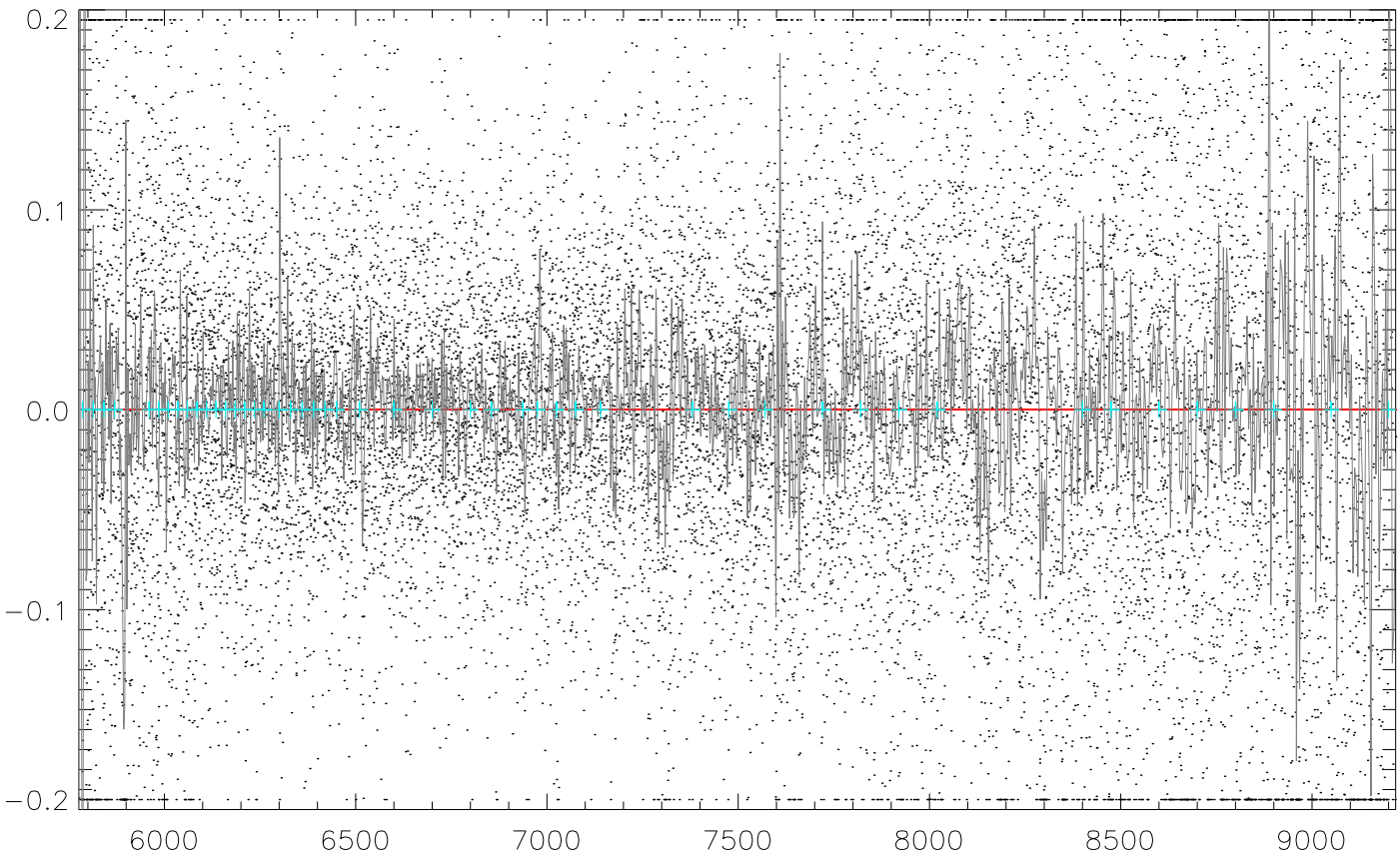

PLATE=0633 MJD=52079 Spectro−Photo Calib for r1−00010274
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
5800
6000
6200
6400
6600
6800
7000
7200
10
15
20
25
30
35
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
7500
8000
8500
9000
4
6
8
10
12
14

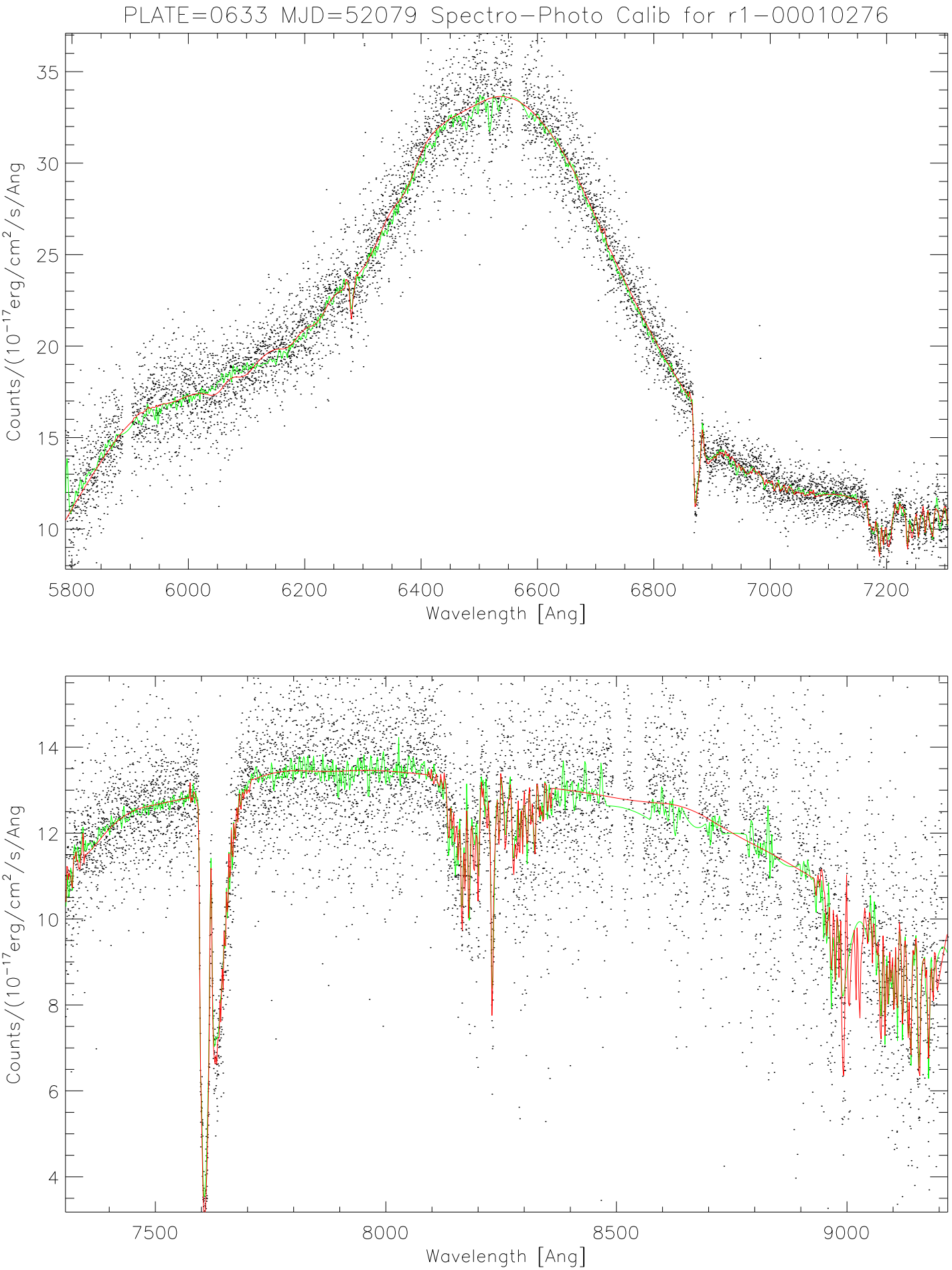

40
30
20
10
0
4000
4500
5000
5500
6000

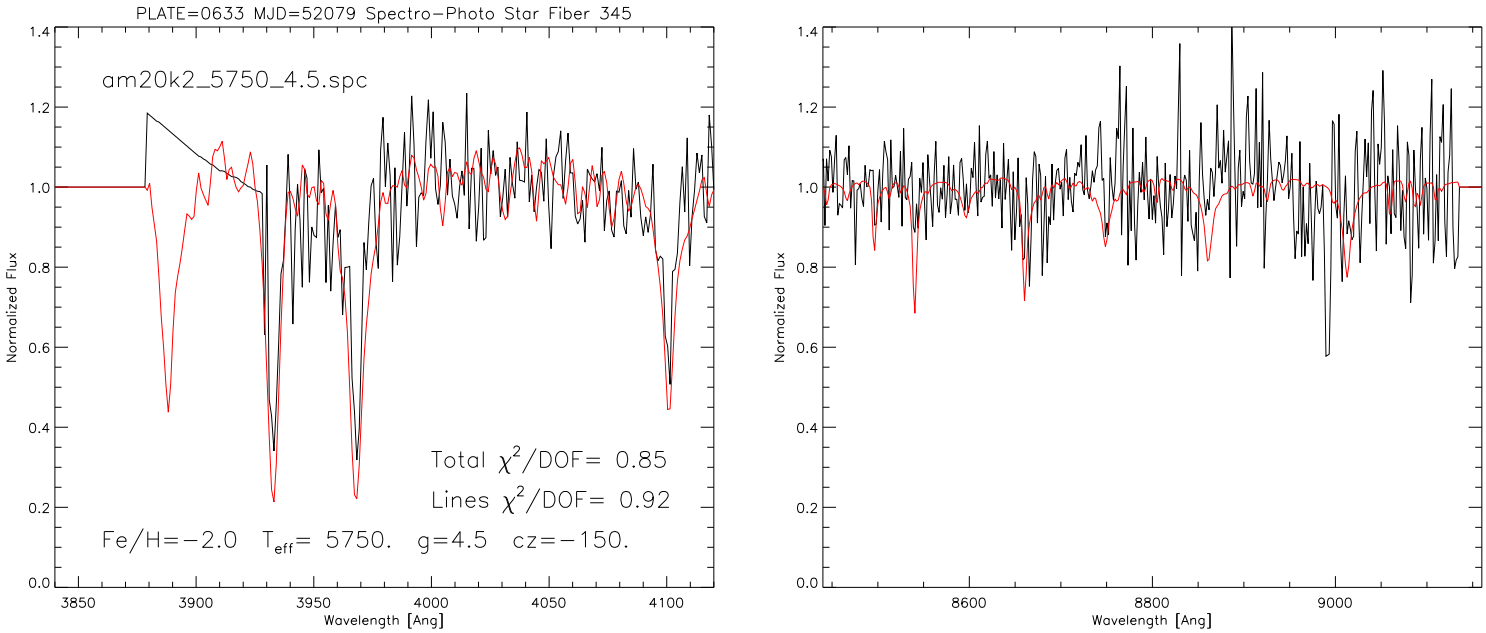

0.2
0.1
0.0
−0.1
−0.2
4000
4500
5000
5500
6000

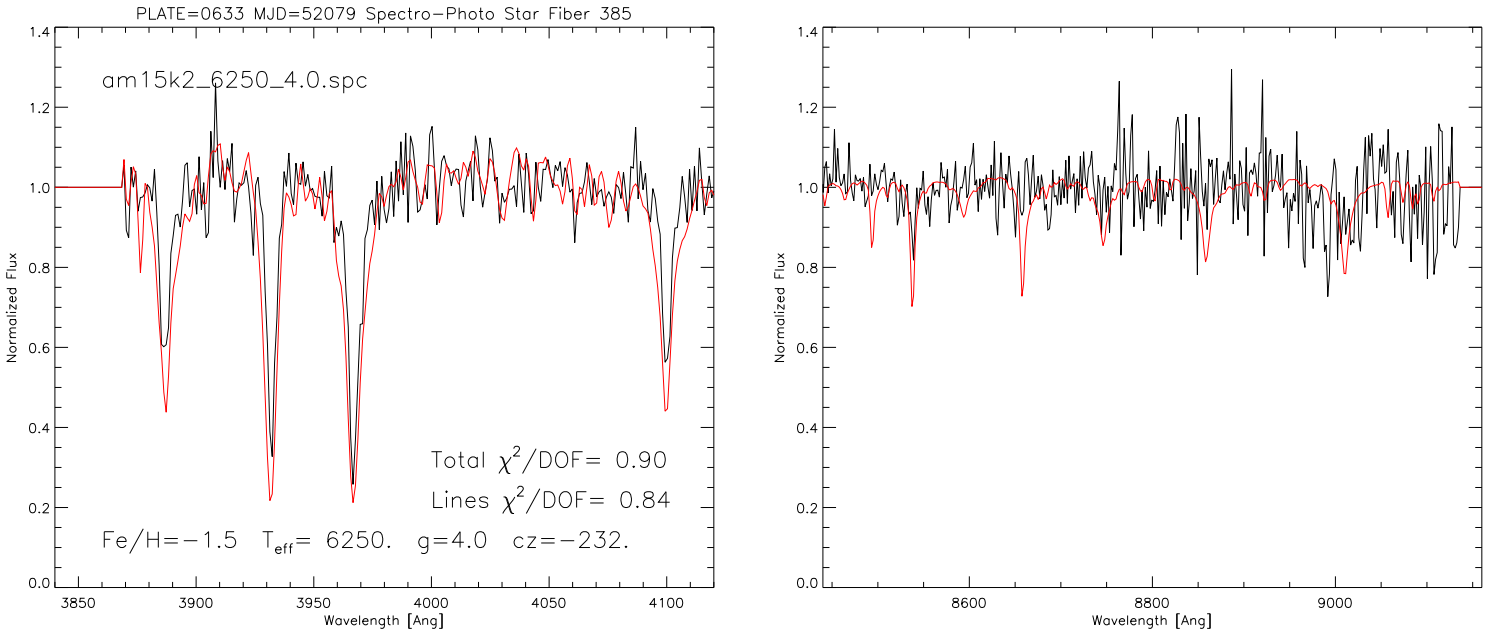

PLATE=0633 MJD=52079 Spectro−Photo Calib for b1−00010276
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
3800
4000
4200
4400
4600
4800
4
5
6
7
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
5000
5200
5400
5600
5800
6000
5
10
15
20
25
30

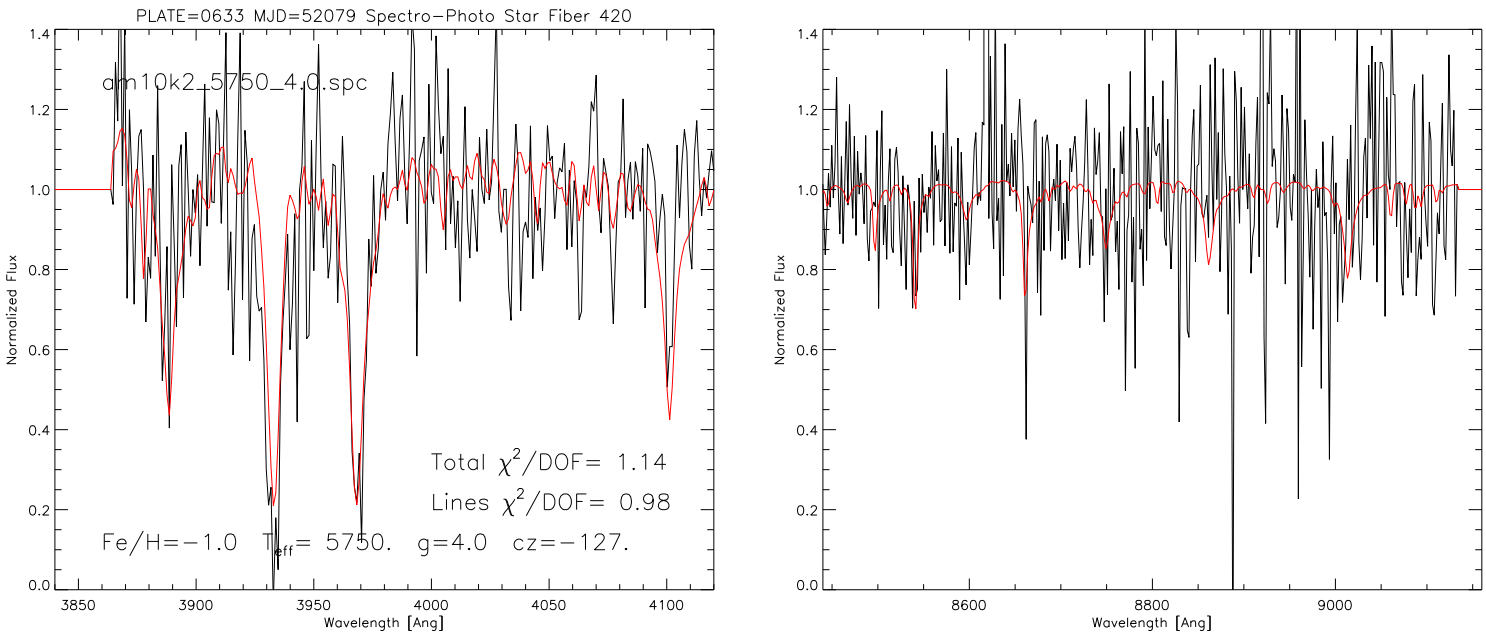

50
40
30
20
10
0
6000
6500
7000
7500
8000
8500
9000

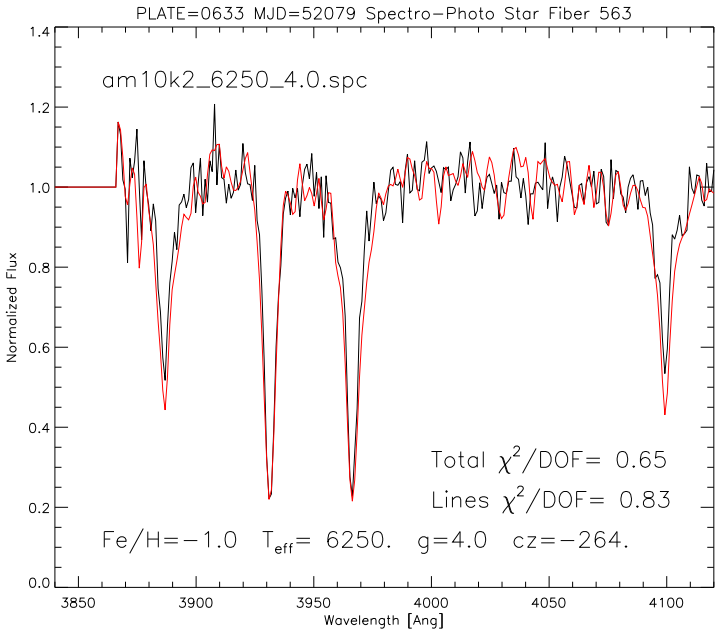

0.2
0.1
0.0
−0.1
−0.2
6000
6500
7000
7500
8000
8500
9000

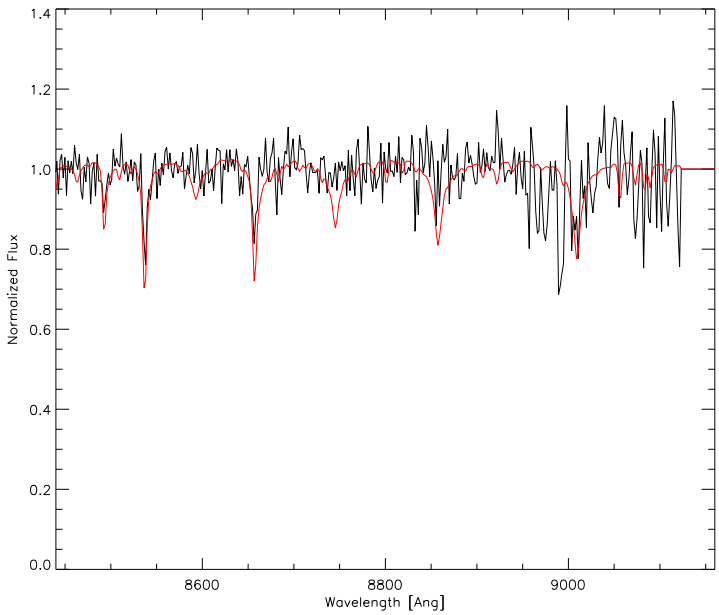

PLATE=0633 MJD=52079 Spectro−Photo Calib for r1−00010276
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
5800
6000
6200
6400
6600
6800
7000
7200
10
15
20
25
30
35
7500
8000
8500
9000
4
6
8
10
12
14

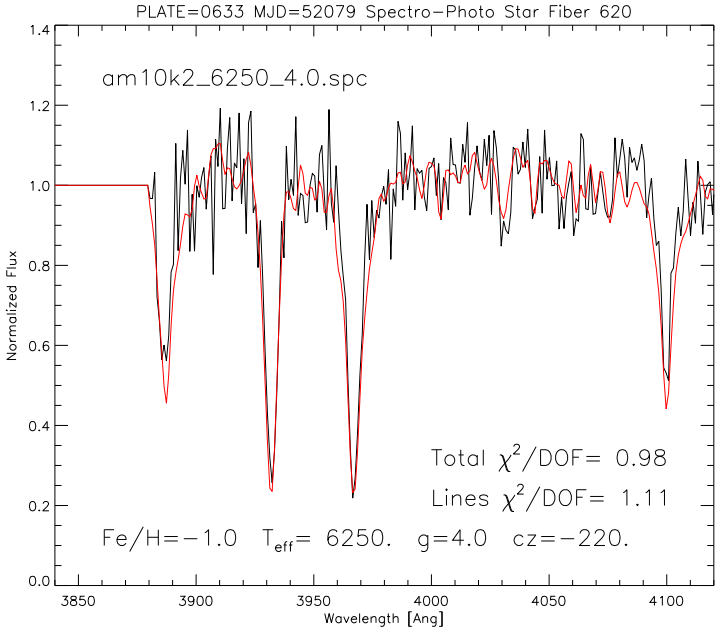

PLATE=0633 MJD=52079 Spectro-Photo Star Fiber 345
am20k2_5750_4.5.spc
Total χ^2/DOF= 0.85
Lines χ^2/DOF= 0.92
Fe/H=−2.0 T_{eff}= 5750. g=4.5 cz=−150.
Normalized Flux
Wavelength [Ang]

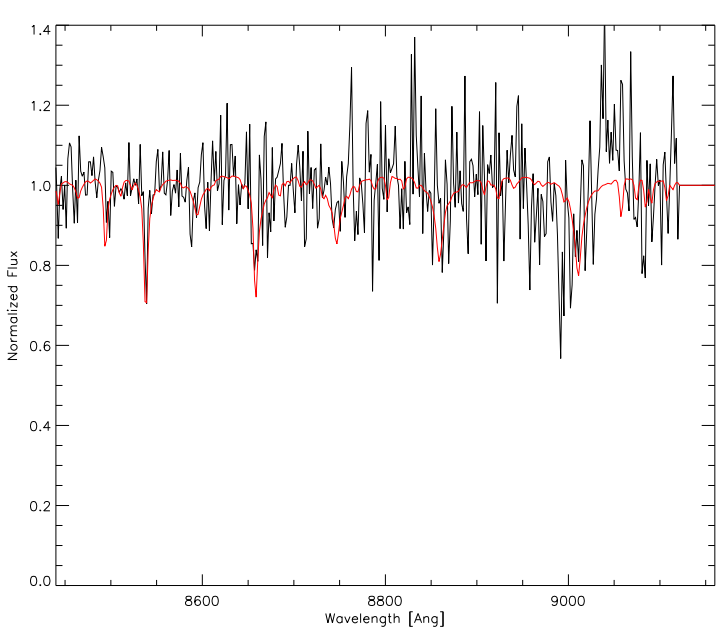

PLATE=0633 MJD=52079 Spectro-Photo Star Fiber 385
am15k2_6250_4.0.spc
Total χ^2/DOF= 0.90
Lines χ^2/DOF= 0.84
Fe/H=−1.5 T_{eff}= 6250. g=4.0 cz=−232.
Normalized Flux
Wavelength [Ang]

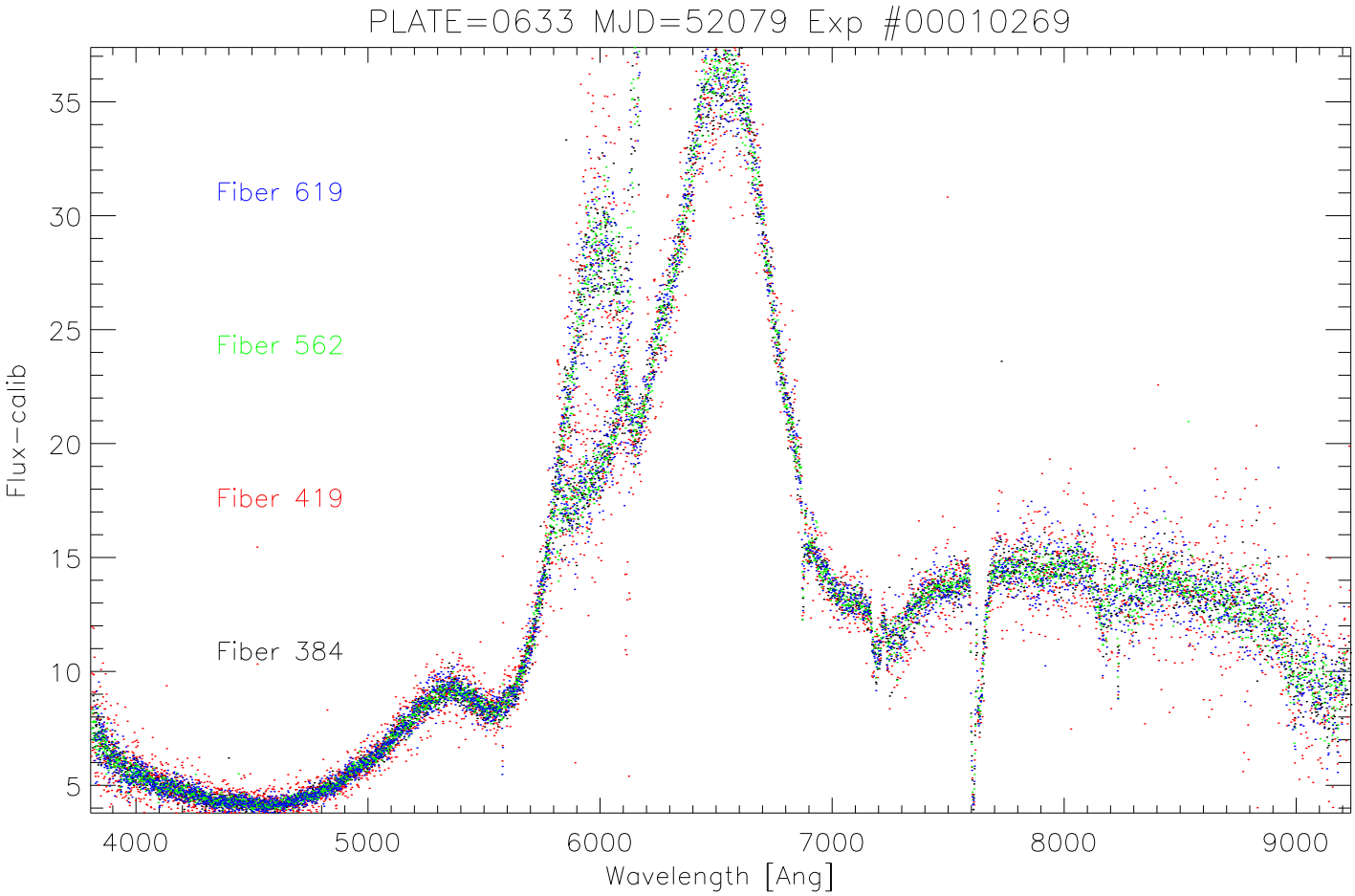

PLATE=0633 MJD=52079 Spectro-Photo Star Fiber 420
am10k2_5750_4.0.spc
Total χ^2/DOF= 1.14
Lines χ^2/DOF= 0.98
Fe/H=−1.0 T_{eff}= 5750. g=4.0 cz=−127.
Normalized Flux
Wavelength [Ang]

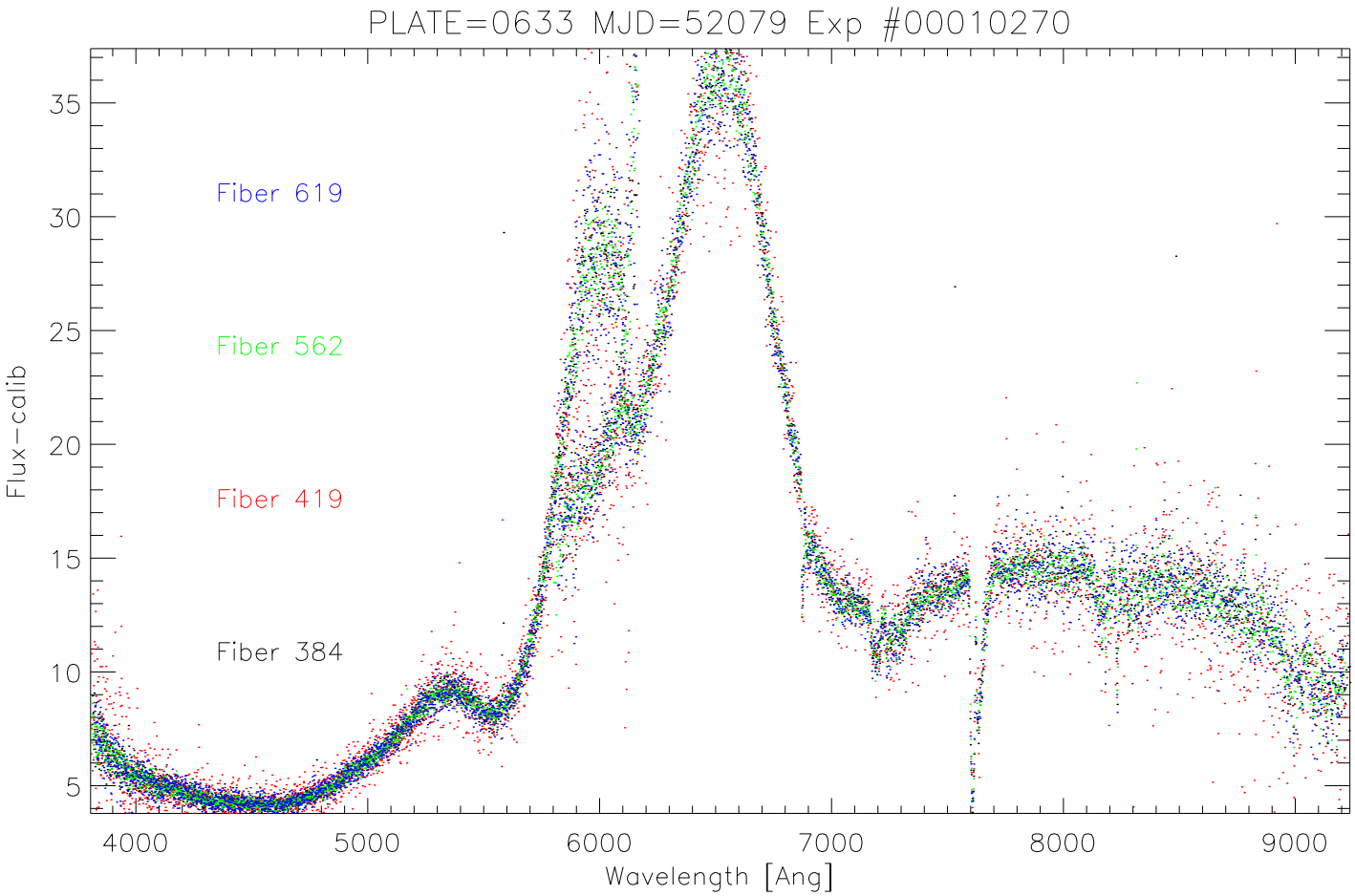

PLATE=0633 MJD=52079 Spectro-Photo Star Fiber 563
am10k2_6250_4.0.spc
Total χ^2/DOF= 0.65
Lines χ^2/DOF= 0.83
Fe/H=-1.0 T_{eff}= 6250. g=4.0 cz=-264.
Normalized Flux
Wavelength [Ang]

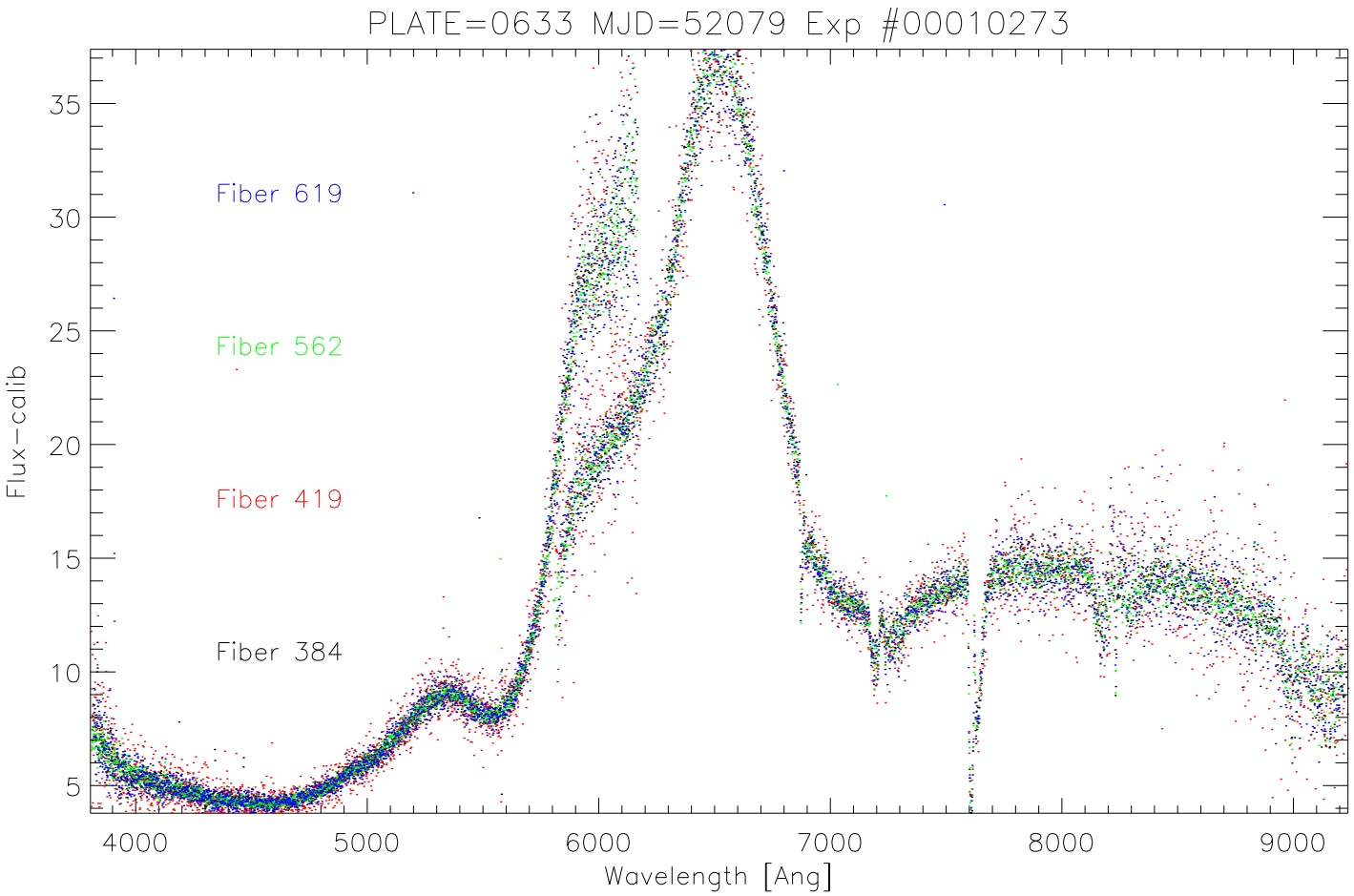

Normalized Flux
Wavelength [Ang]

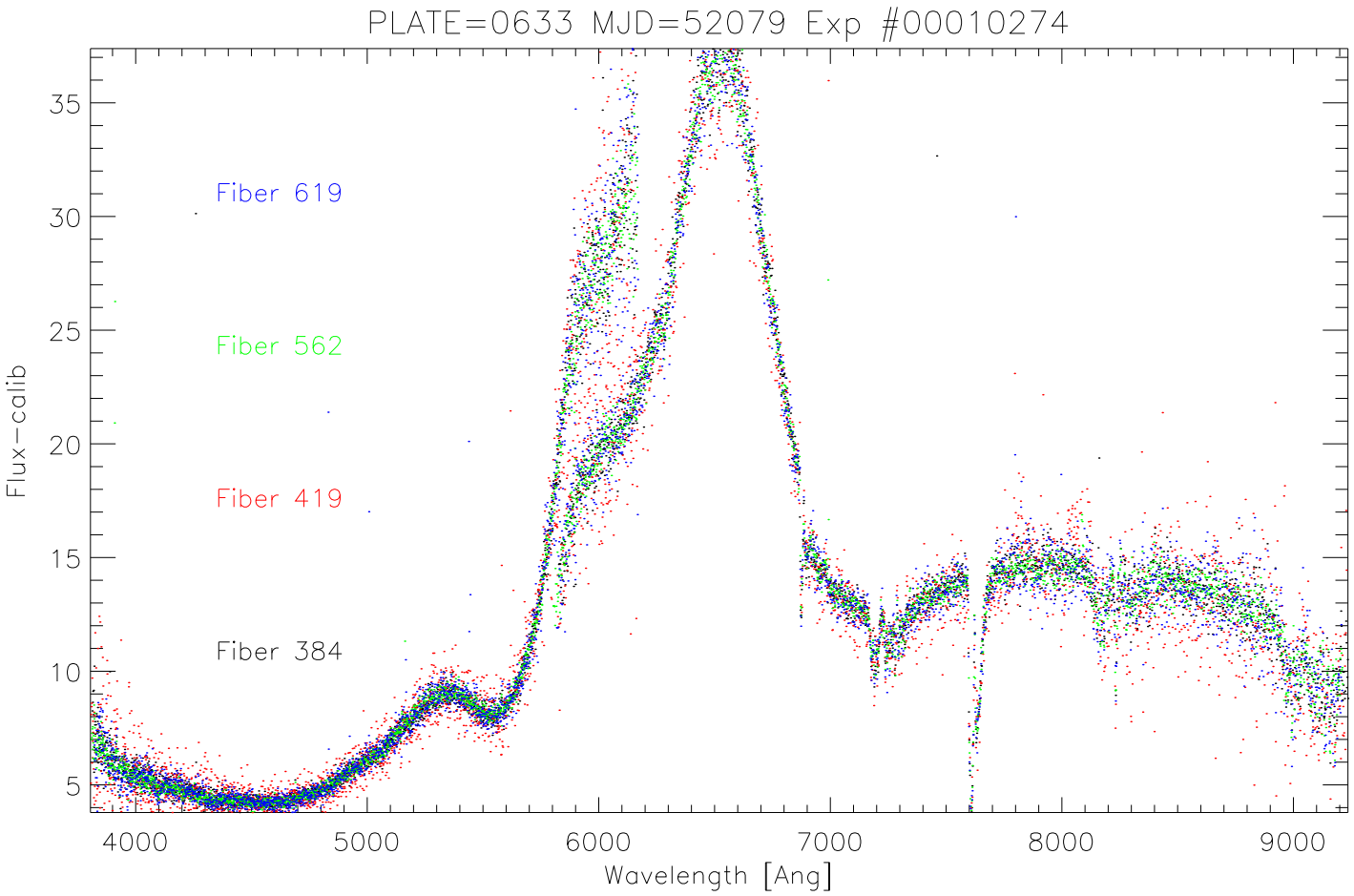

PLATE=0633 MJD=52079 Spectro-Photo Star Fiber 620
am10k2_6250_4.0.spc
Total χ^2/DOF= 0.98
Lines χ^2/DOF= 1.11
Fe/H=-1.0 T_{eff}= 6250. g=4.0 cz=-220.
Normalized Flux
Wavelength [Ang]

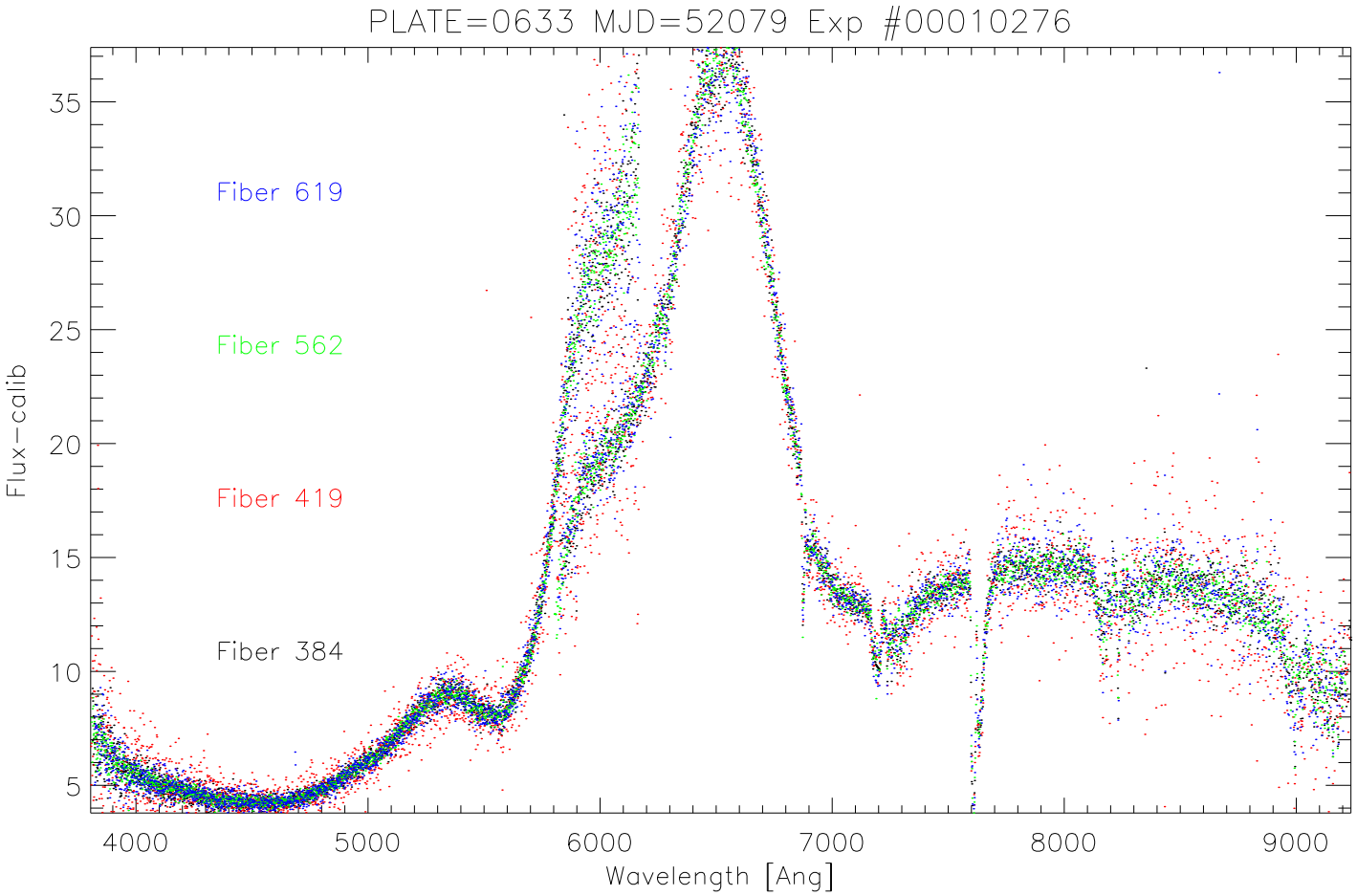

Normalized Flux
Wavelength [Ang]

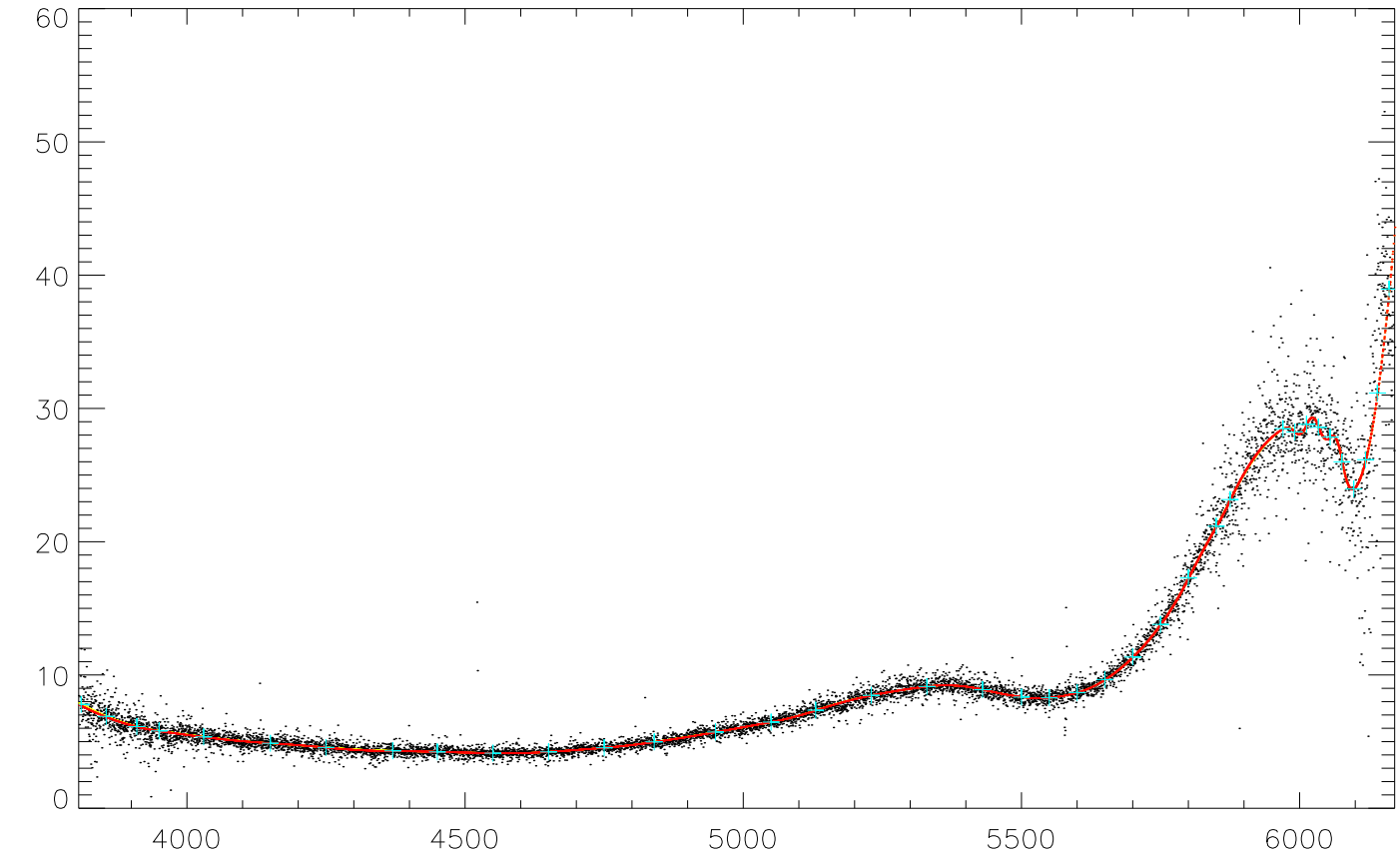

PLATE=0633 MJD=52079 Exp #00010269
Fiber 619
Fiber 562
Fiber 419
Fiber 384
Flux−calib
Wavelength [Ang]
5
10
15
20
25
30
35
4000
5000
6000
7000
8000
9000

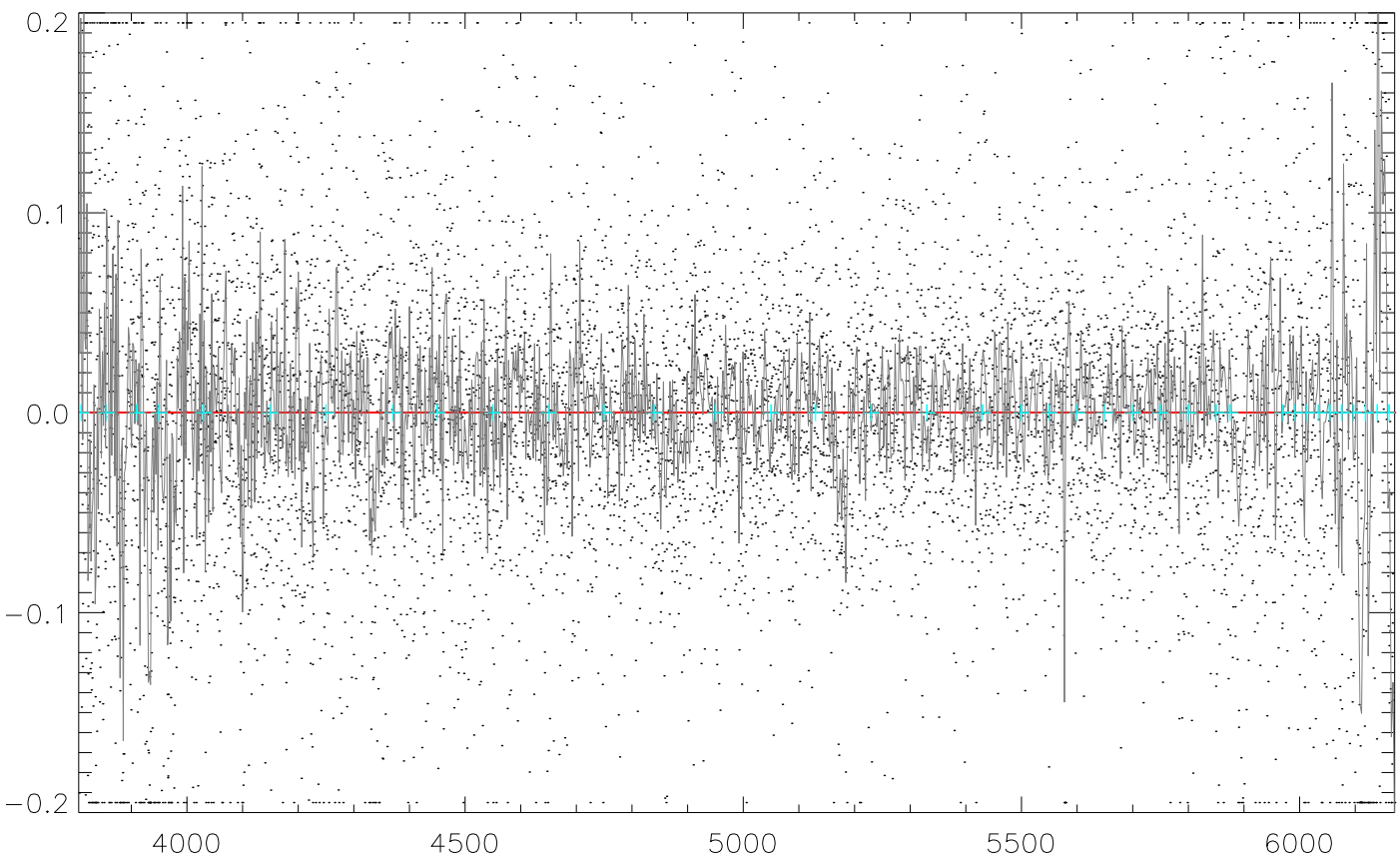

PLATE=0633 MJD=52079 Exp #00010270
Fiber 619
Fiber 562
Fiber 419
Fiber 384
Flux−calib
Wavelength [Ang]
5
10
15
20
25
30
35
4000
5000
6000
7000
8000
9000

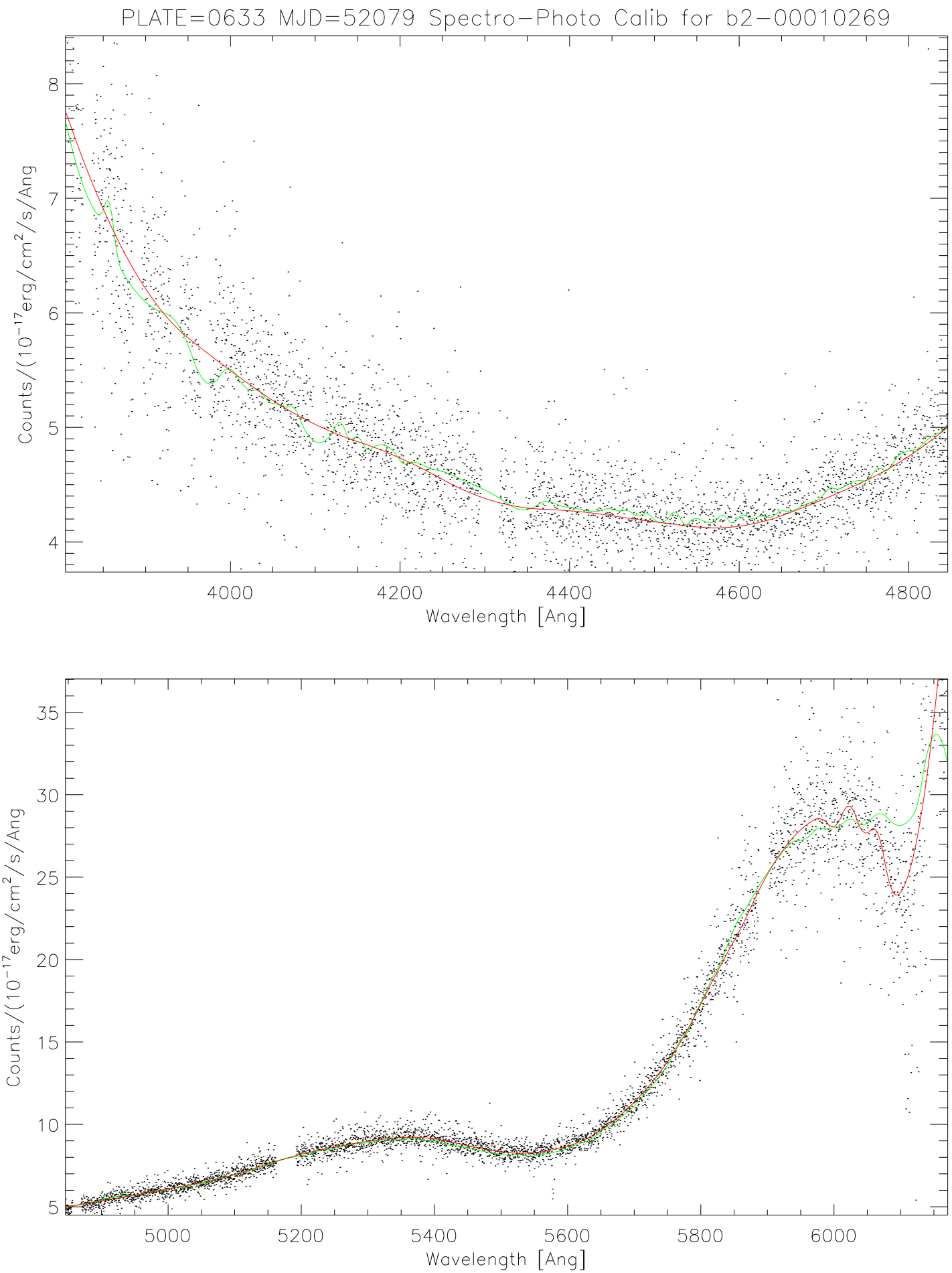

PLATE=0633 MJD=52079 Exp #00010273
Fiber 619
Fiber 562
Fiber 419
Fiber 384
Flux−calib
Wavelength [Ang]
5
10
15
20
25
30
35
4000
5000
6000
7000
8000
9000

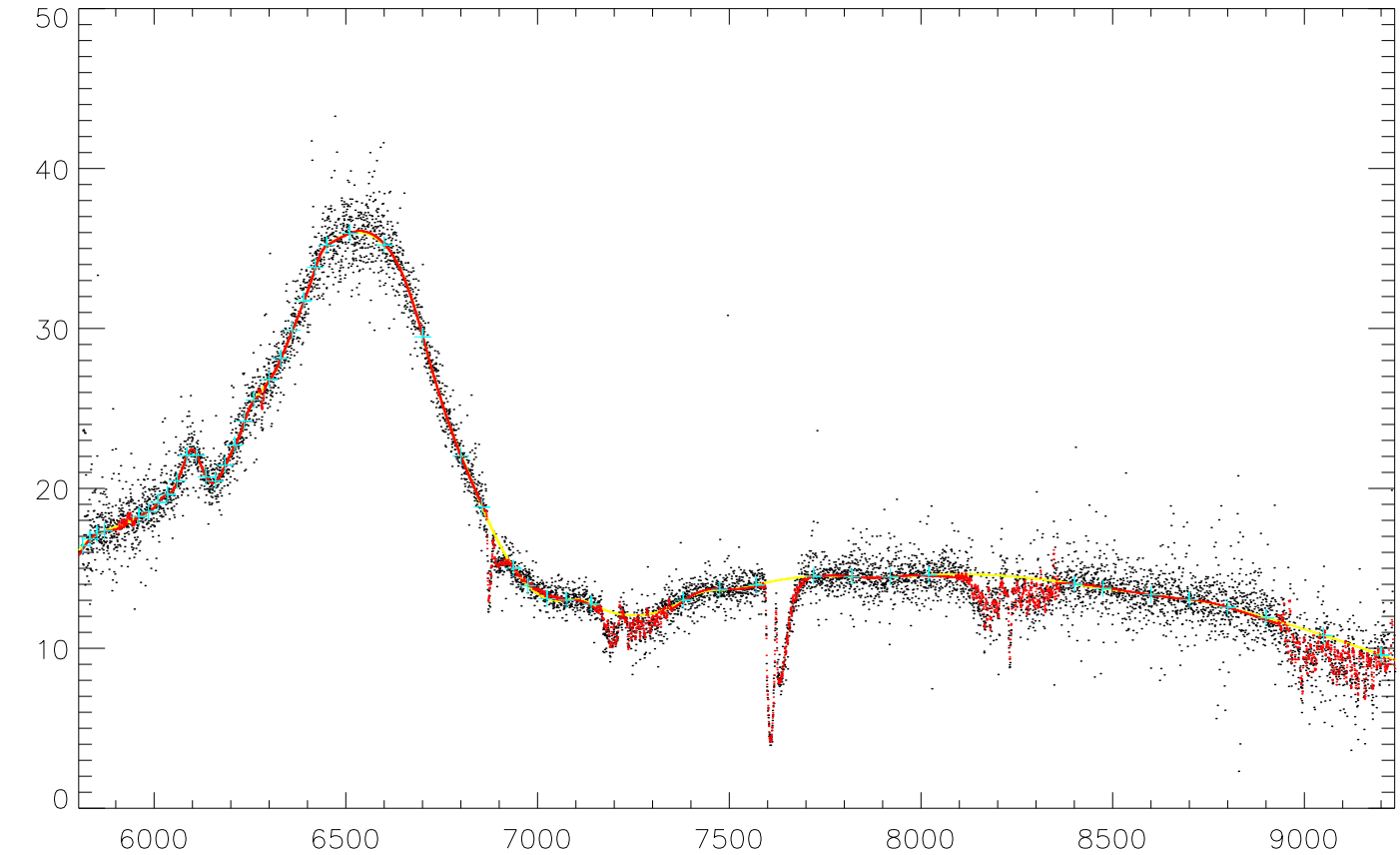

PLATE=0633 MJD=52079 Exp #00010274
Fiber 619
Fiber 562
Fiber 419
Fiber 384
Flux−calib
Wavelength [Ang]
5
10
15
20
25
30
35
4000
5000
6000
7000
8000
9000

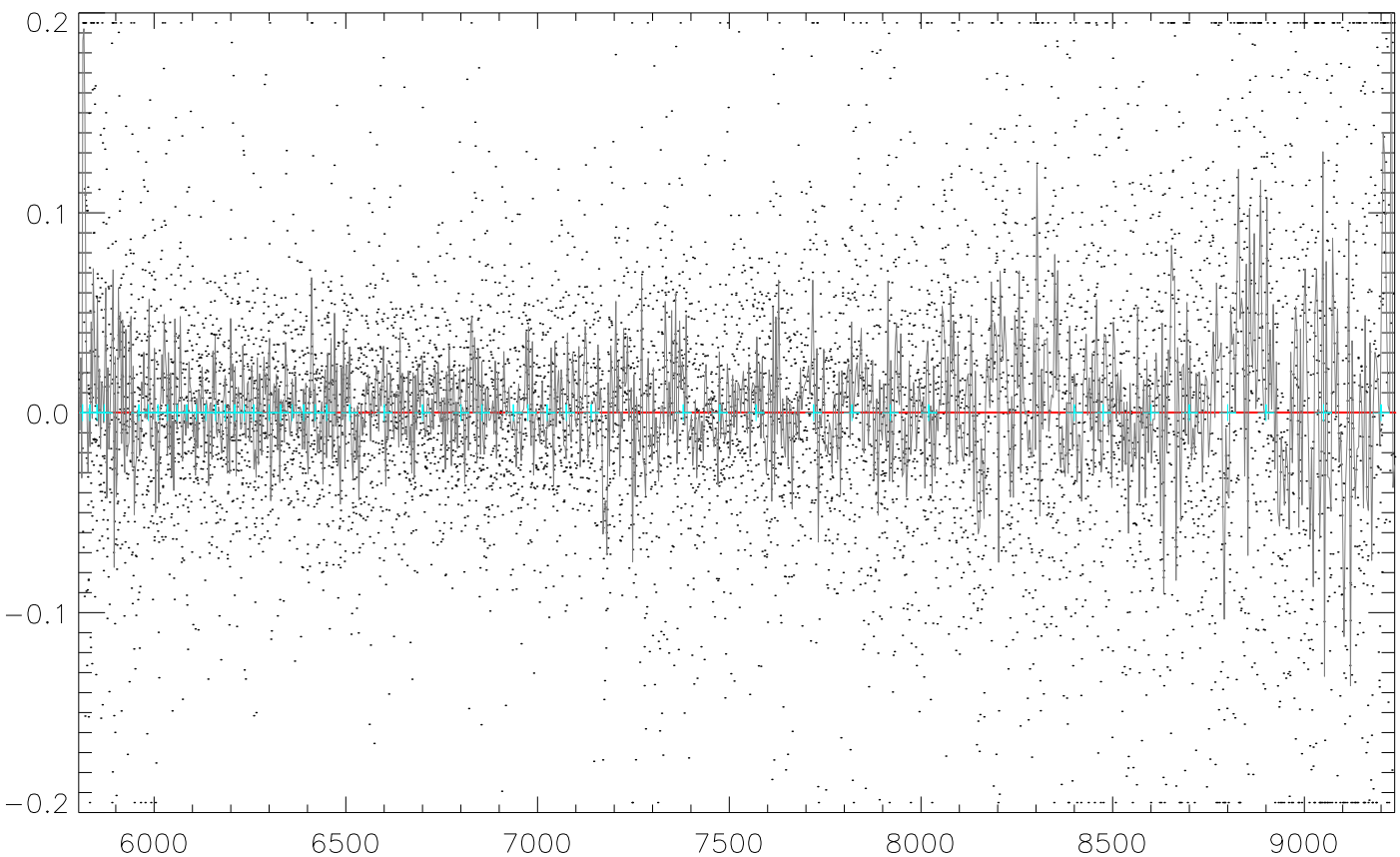

PLATE=0633 MJD=52079 Exp #00010276
Fiber 619
Fiber 562
Fiber 419
Fiber 384
Flux−calib
Wavelength [Ang]
5
10
15
20
25
30
35
4000
5000
6000
7000
8000
9000

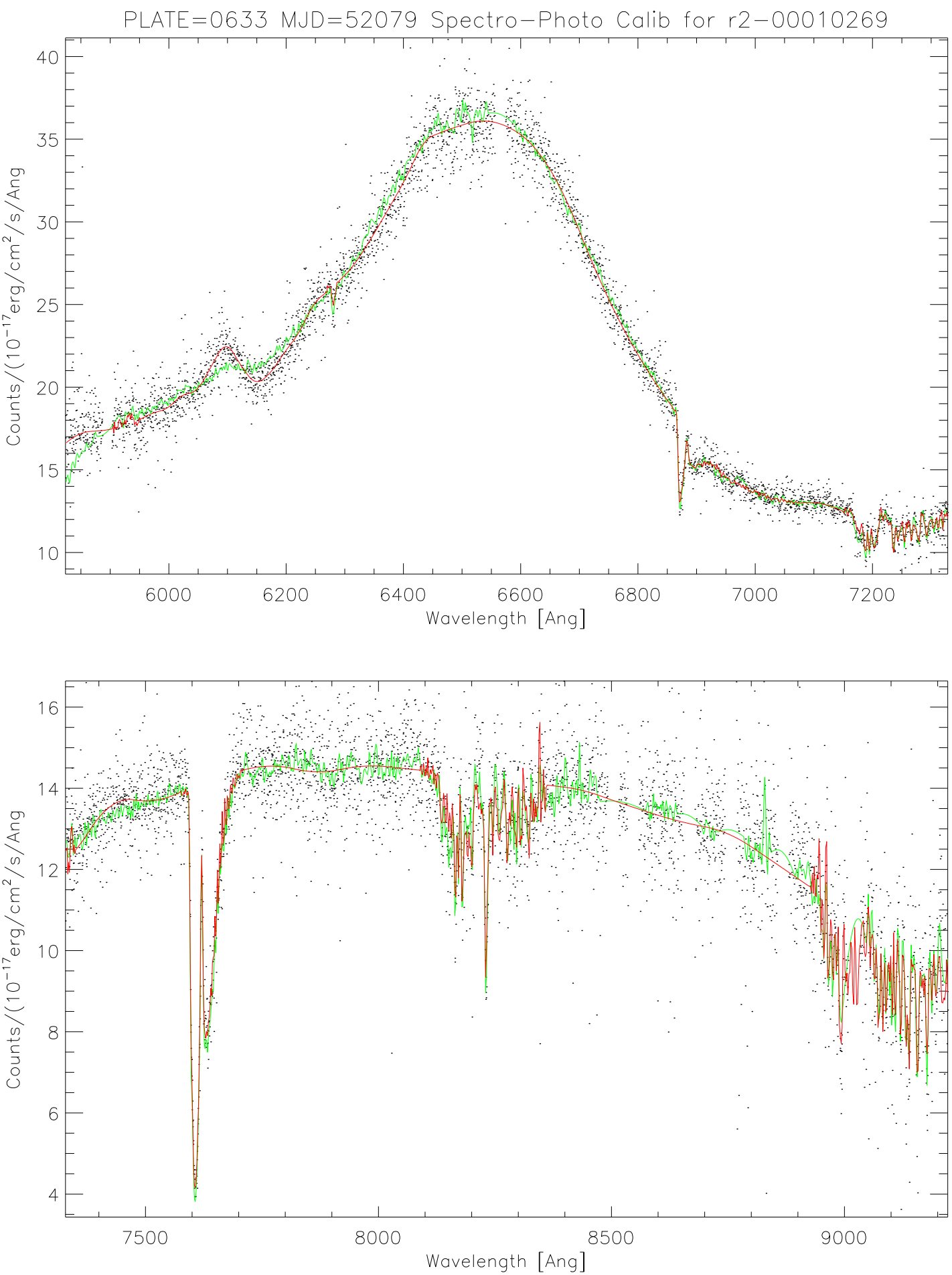

60
50
40
30
20
10
0
4000
4500
5000
5500
6000

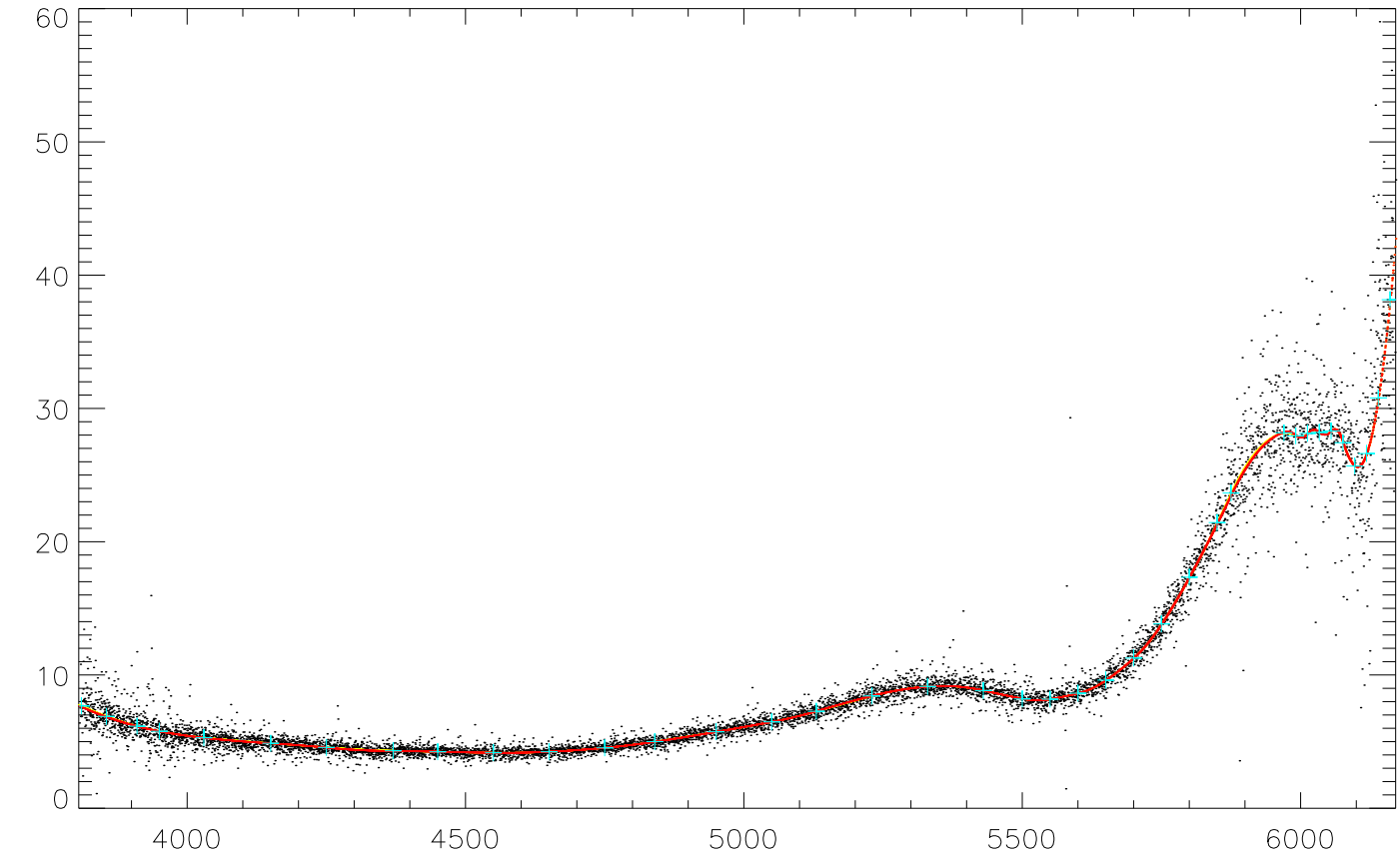

0.2
0.1
0.0
−0.1
−0.2
4000
4500
5000
5500
6000

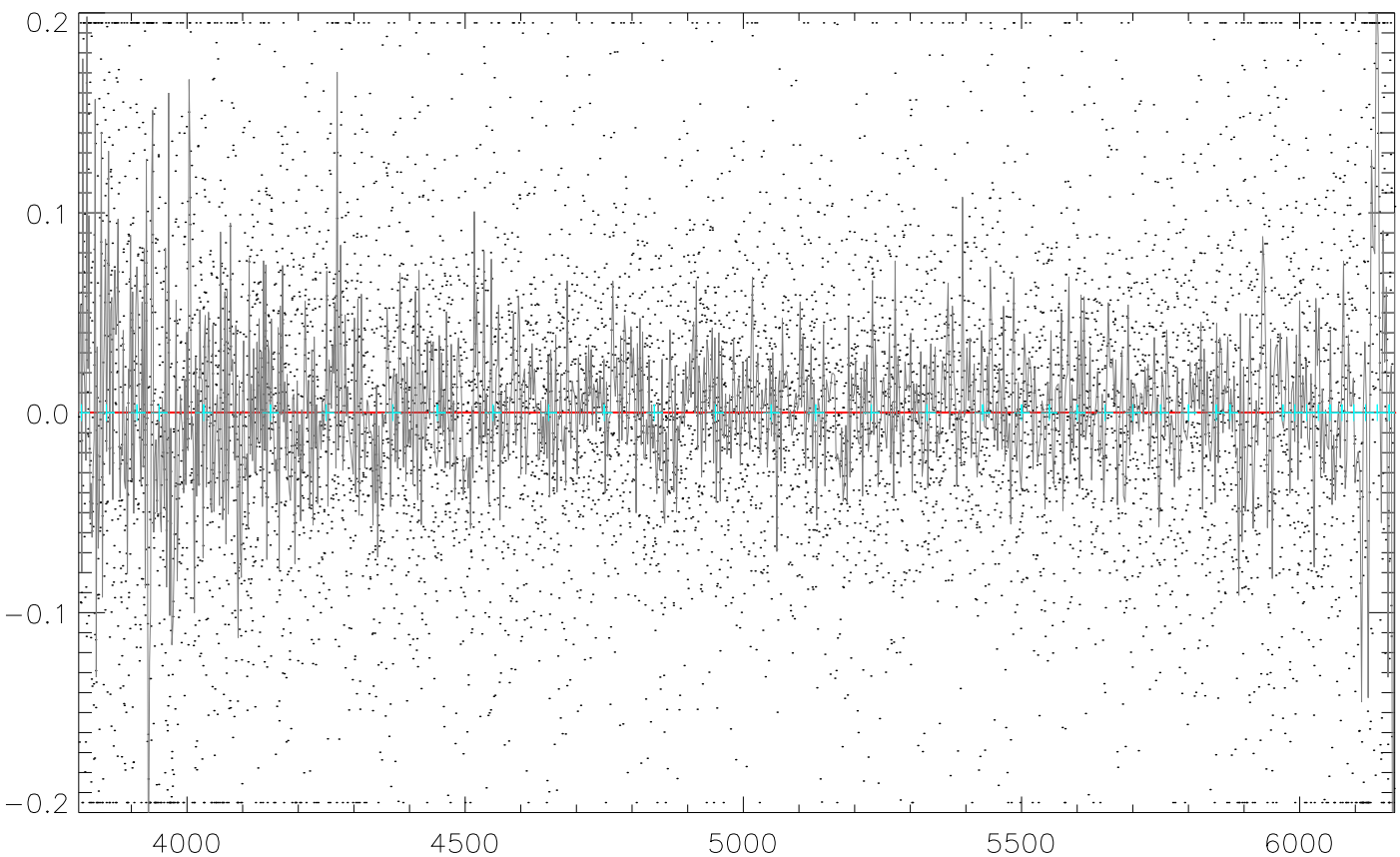

PLATE=0633 MJD=52079 Spectro−Photo Calib for b2−00010269
Counts/(10^-17erg/cm^2/s/Ang
Wavelength [Ang]
4000
4200
4400
4600
4800
4
5
6
7
8
Counts/(10^-17erg/cm^2/s/Ang
Wavelength [Ang]
5000
5200
5400
5600
5800
6000
5
10
15
20
25
30
35

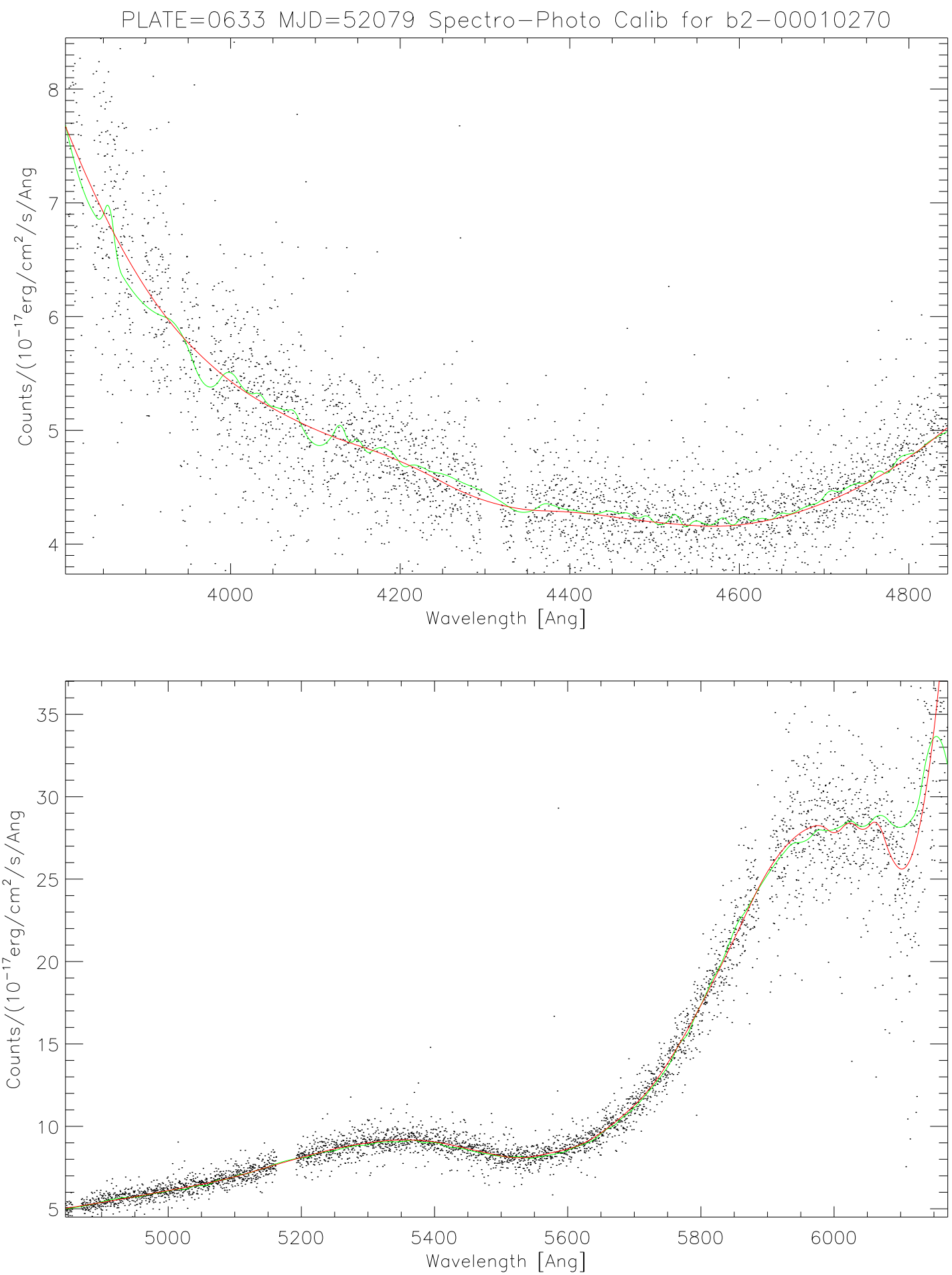

50
40
30
20
10
0
6000
6500
7000
7500
8000
8500
9000

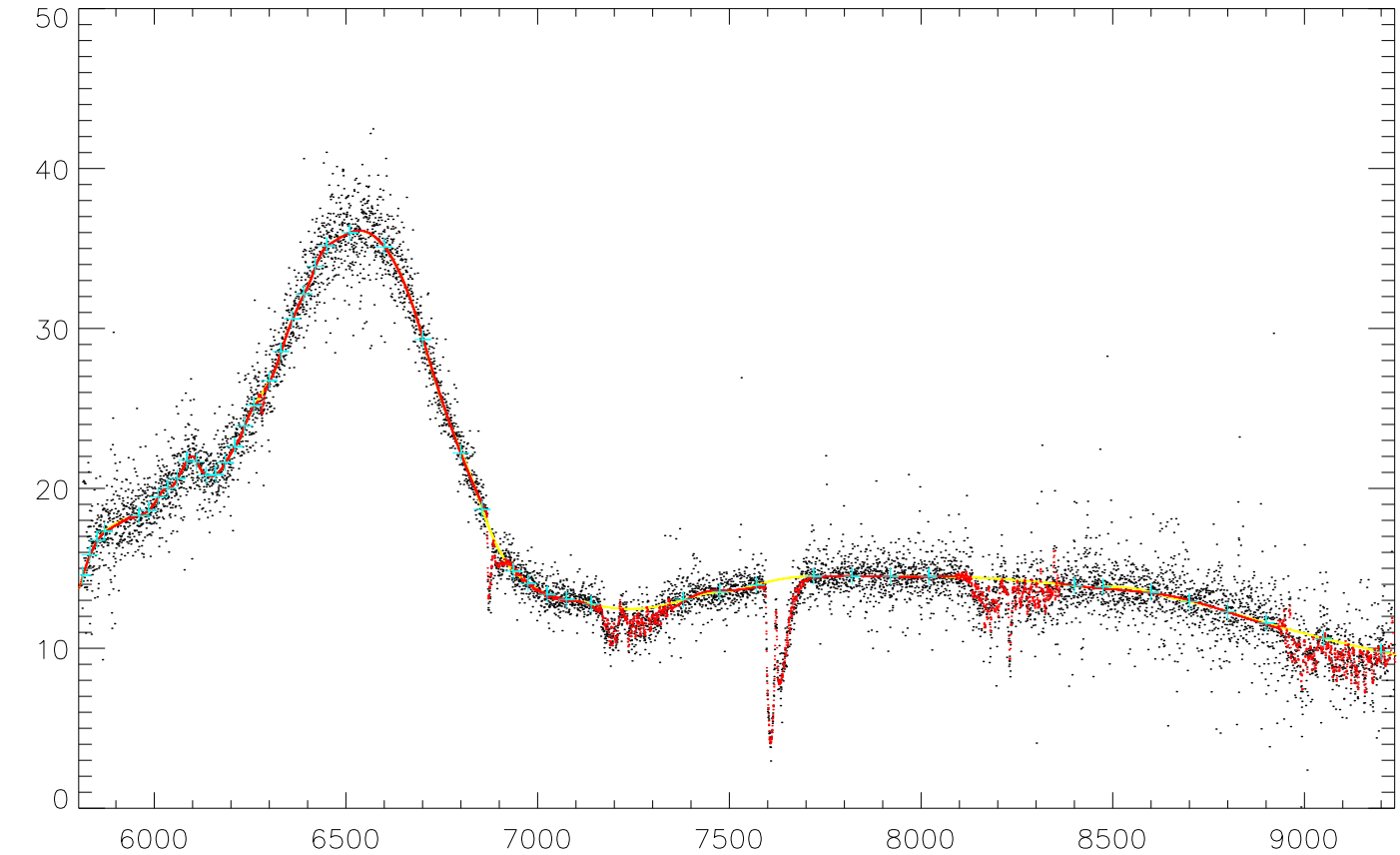

0.2
0.1
0.0
−0.1
−0.2
6000
6500
7000
7500
8000
8500
9000

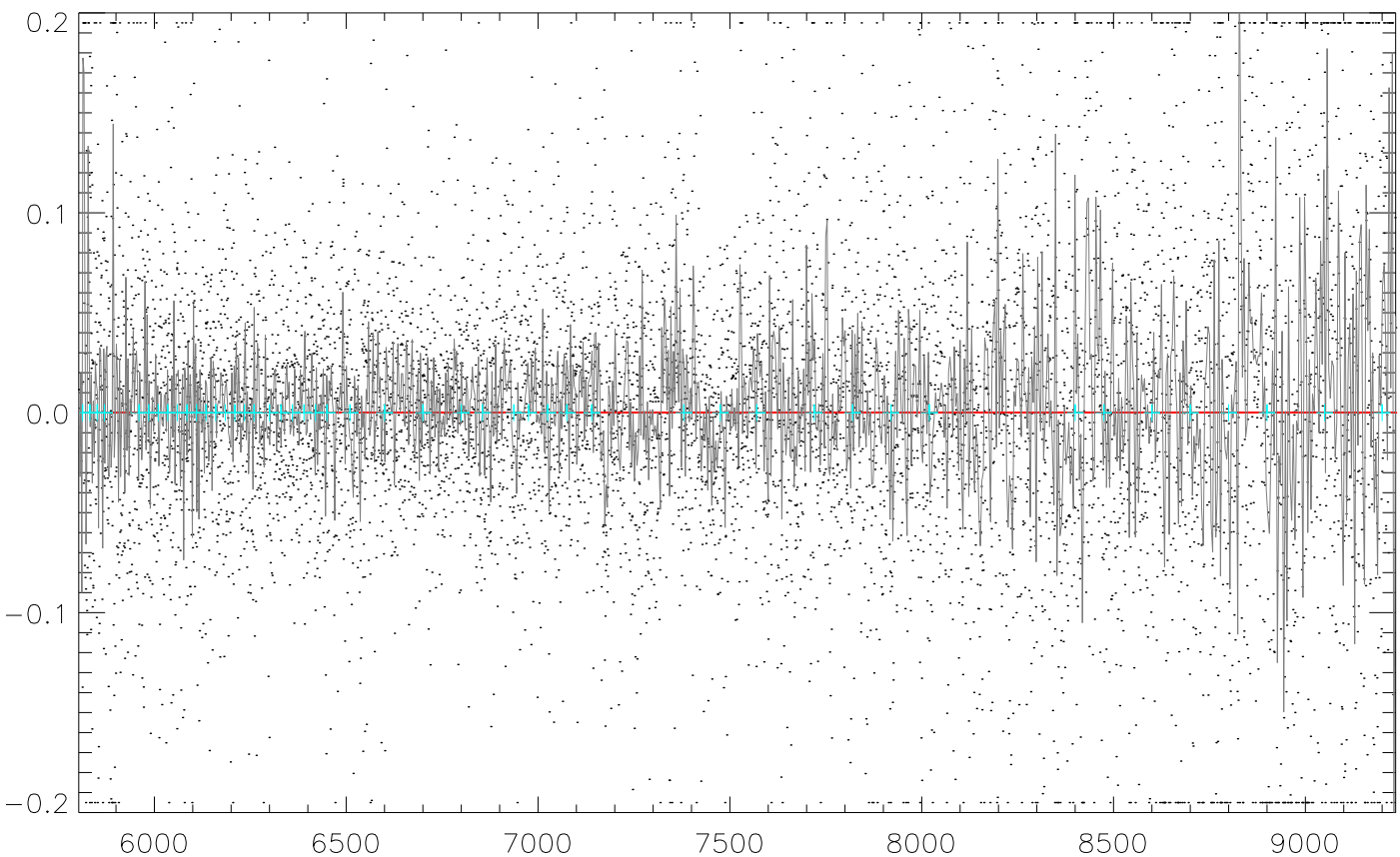

PLATE=0633 MJD=52079 Spectro−Photo Calib for r2−00010269
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
40
35
30
25
20
15
10
6000
6200
6400
6600
6800
7000
7200
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
16
14
12
10
8
6
4
7500
8000
8500
9000

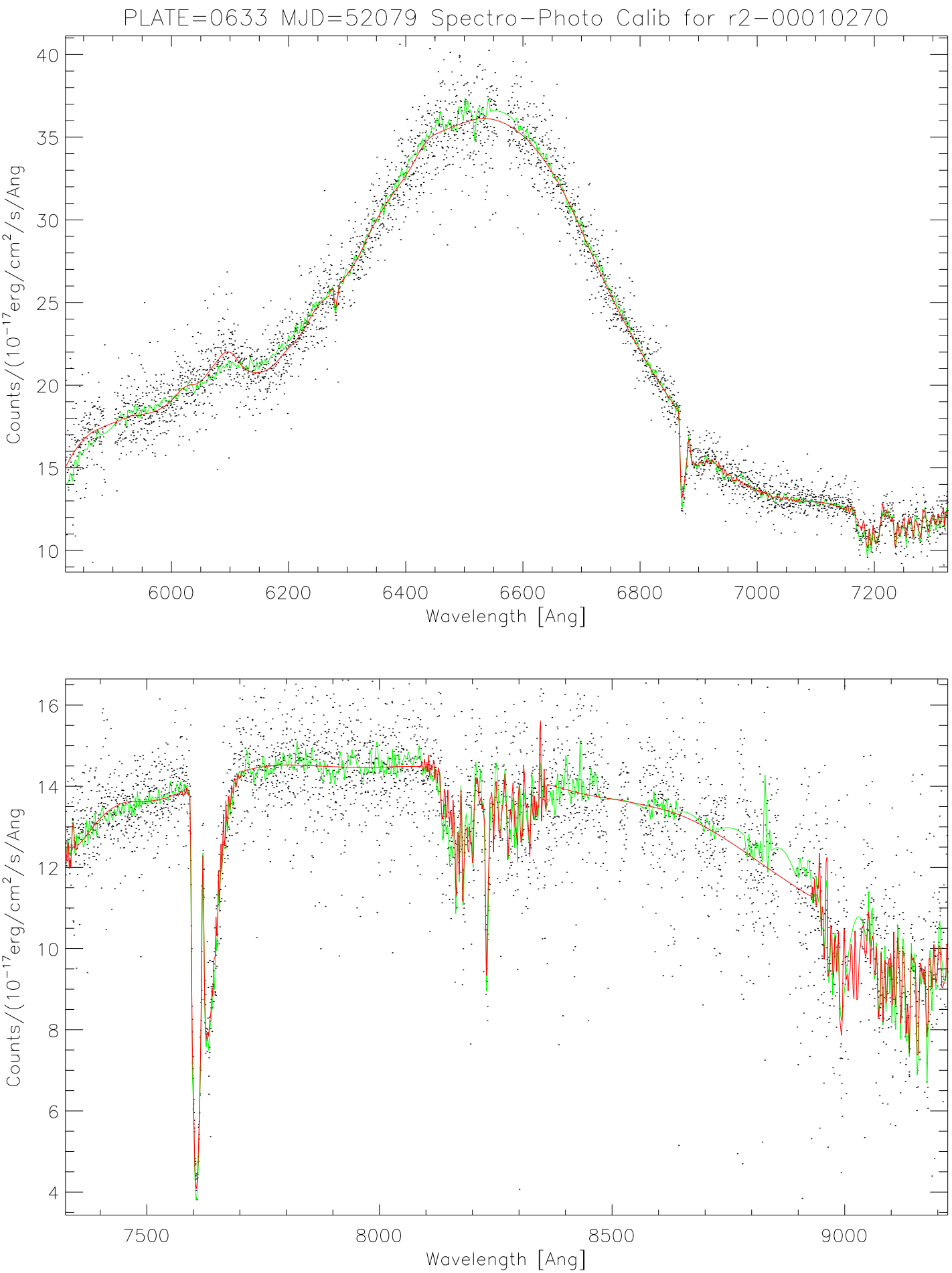

60
50
40
30
20
10
0
4000
4500
5000
5500
6000

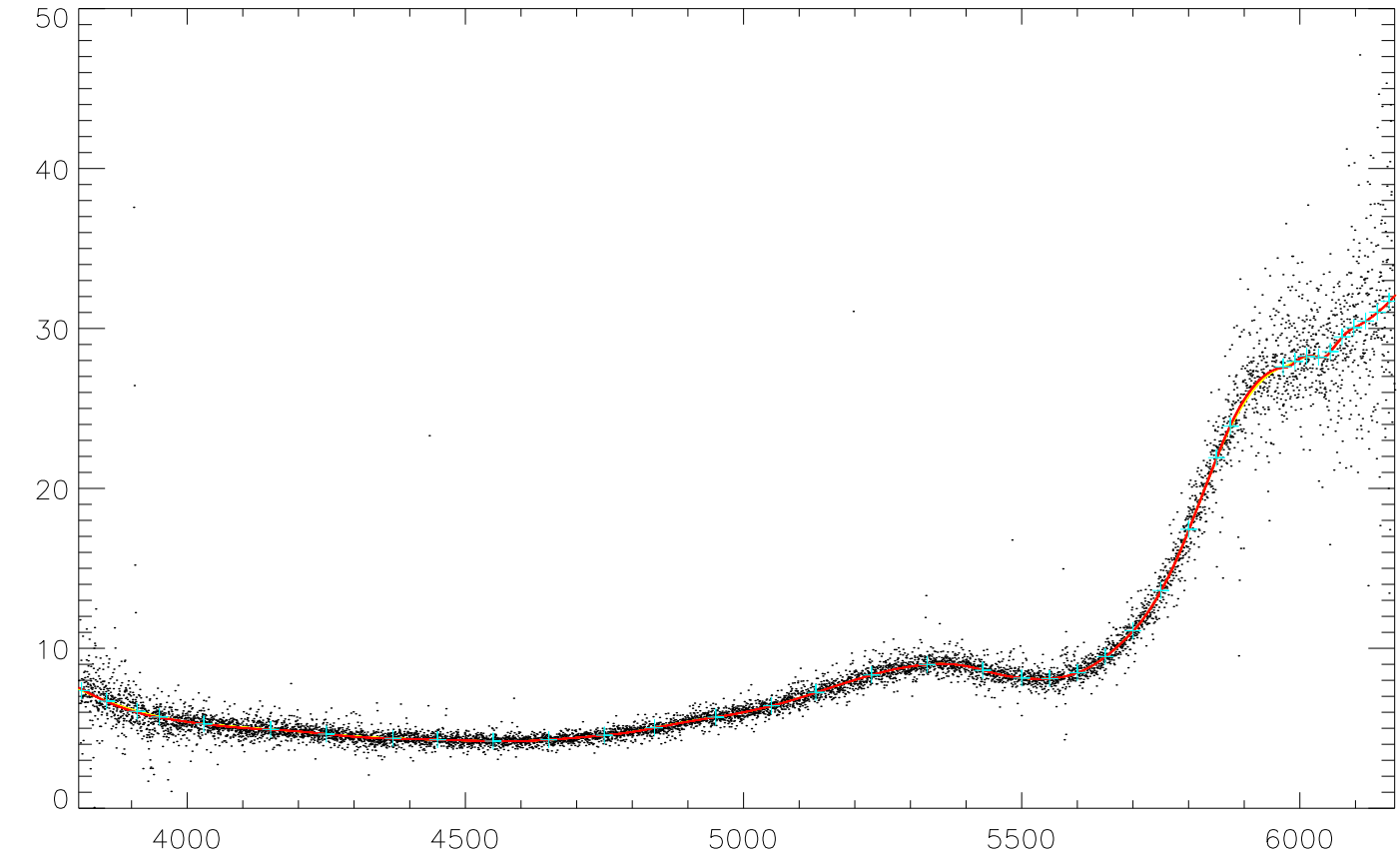

0.2
0.1
0.0
−0.1
−0.2
4000
4500
5000
5500
6000

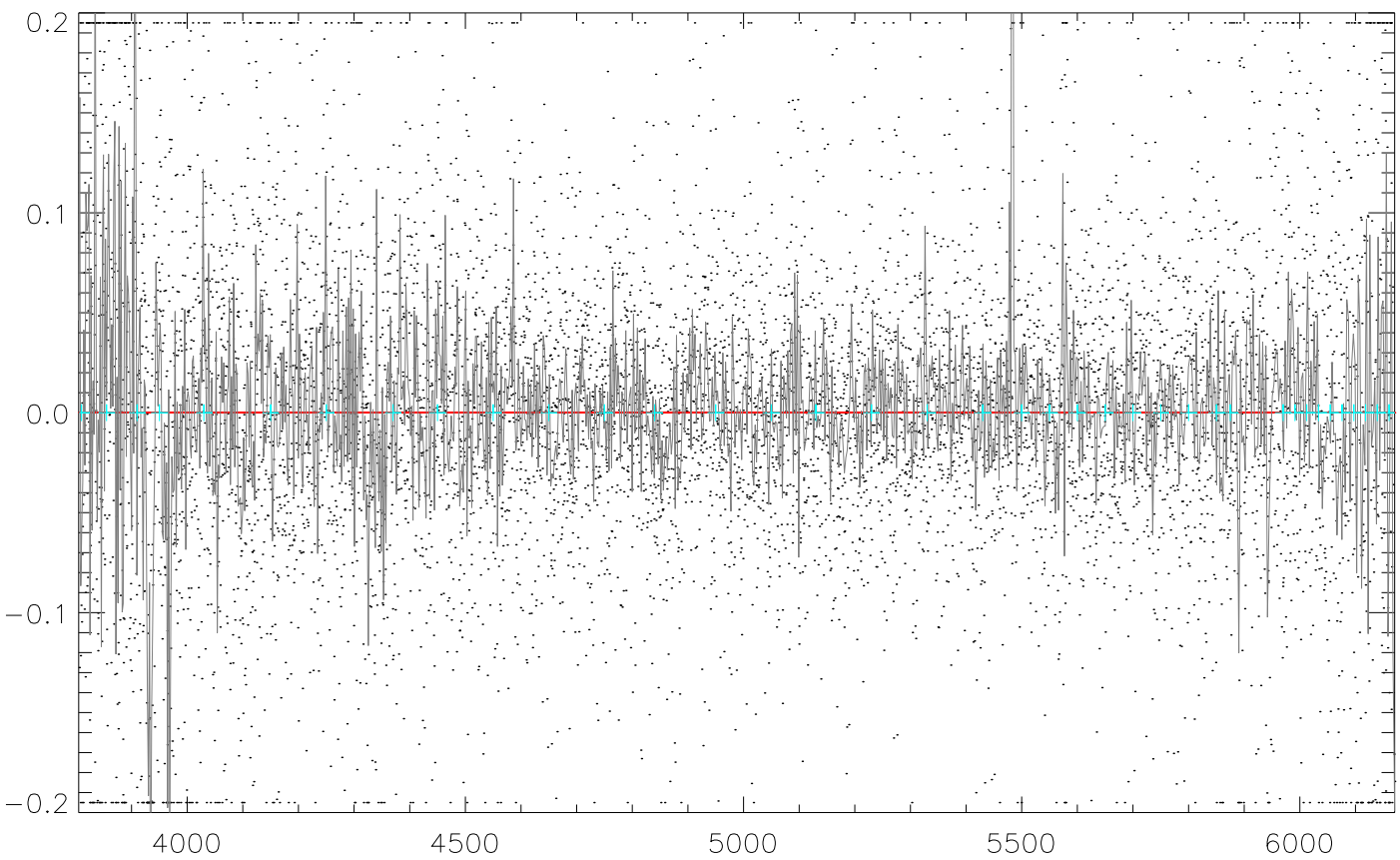

PLATE=0633 MJD=52079 Spectro−Photo Calib for b2−00010270
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
4
5
6
7
8
4000
4200
4400
4600
4800
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
5
10
15
20
25
30
35
5000
5200
5400
5600
5800
6000

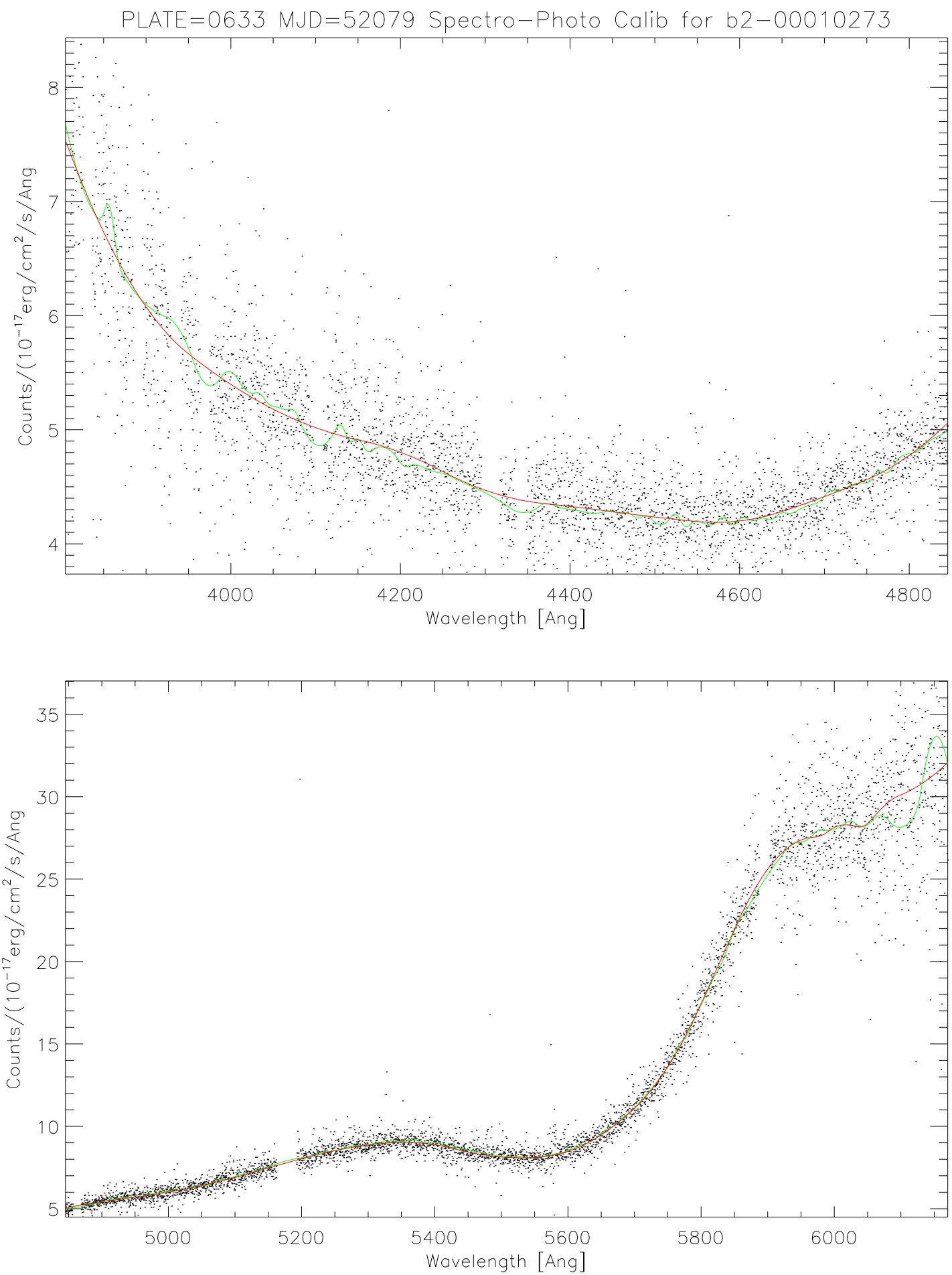

50
40
30
20
10
0
6000
6500
7000
7500
8000
8500
9000

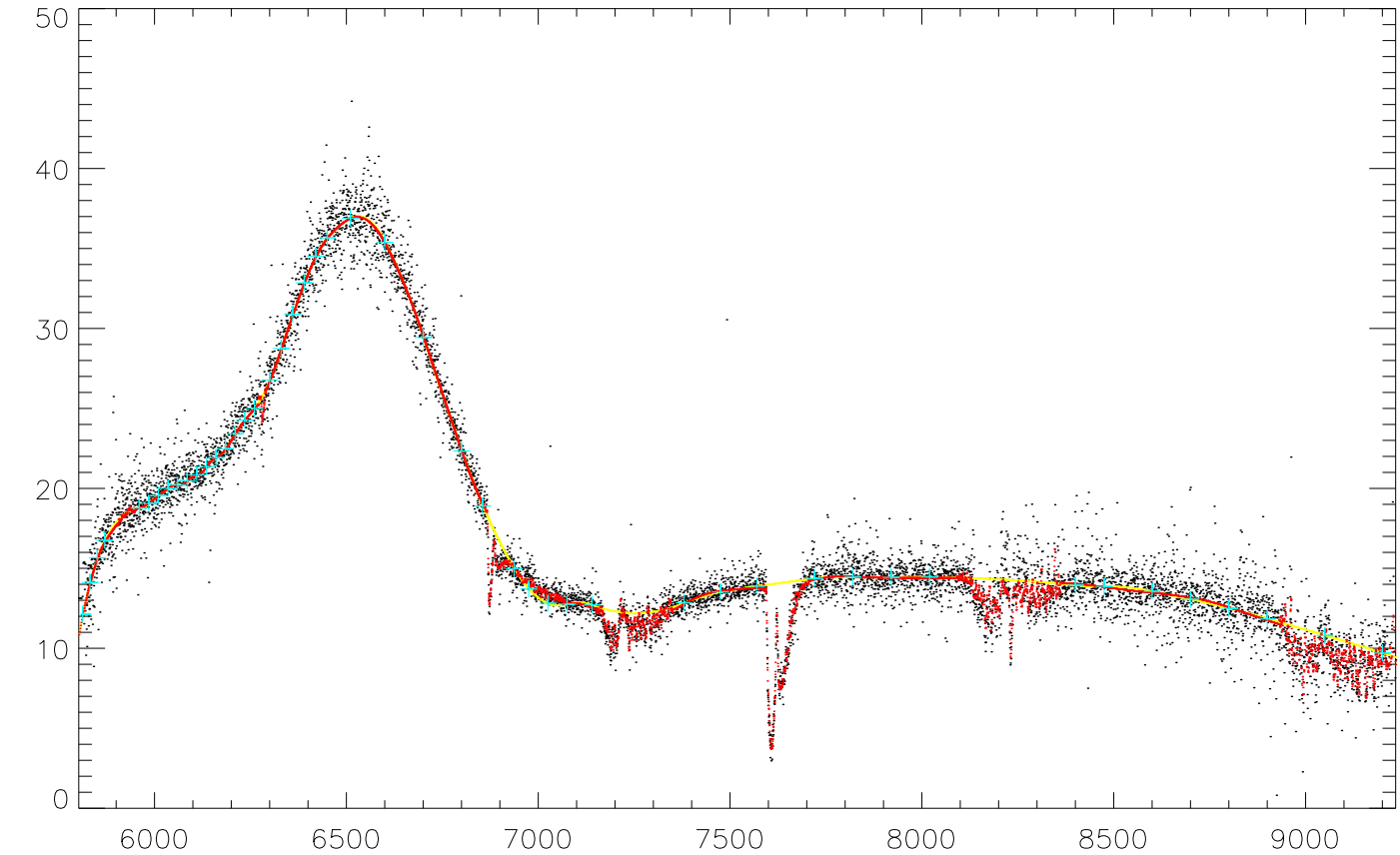

0.2
0.1
0.0
−0.1
−0.2
6000
6500
7000
7500
8000
8500
9000

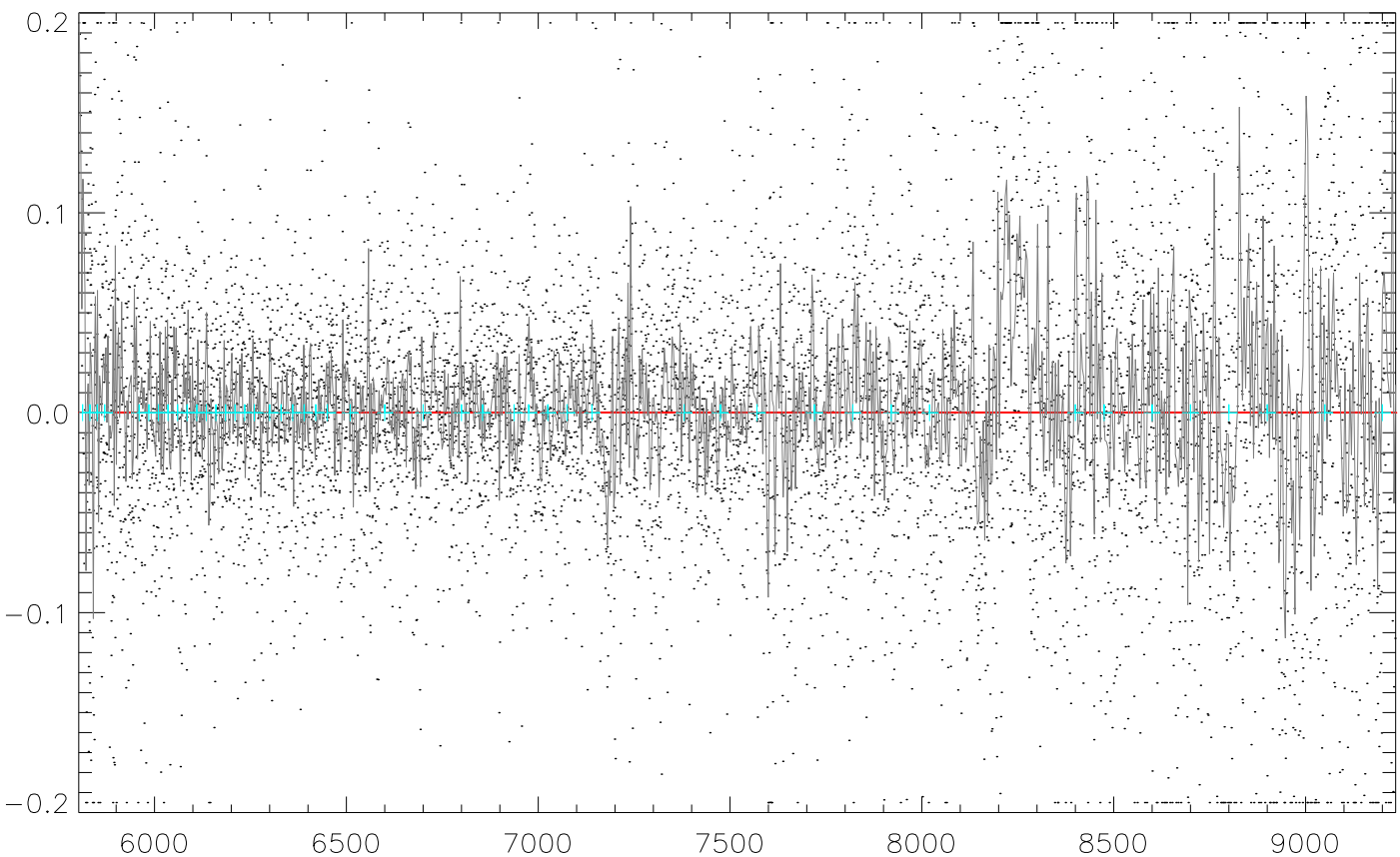

PLATE=0633 MJD=52079 Spectro−Photo Calib for r2−00010270
Counts/(10^-17erg/cm^2/s/Ang
Wavelength [Ang]
40
35
30
25
20
15
10
6000
6200
6400
6600
6800
7000
7200
Counts/(10^-17erg/cm^2/s/Ang
Wavelength [Ang]
16
14
12
10
8
6
4
7500
8000
8500
9000

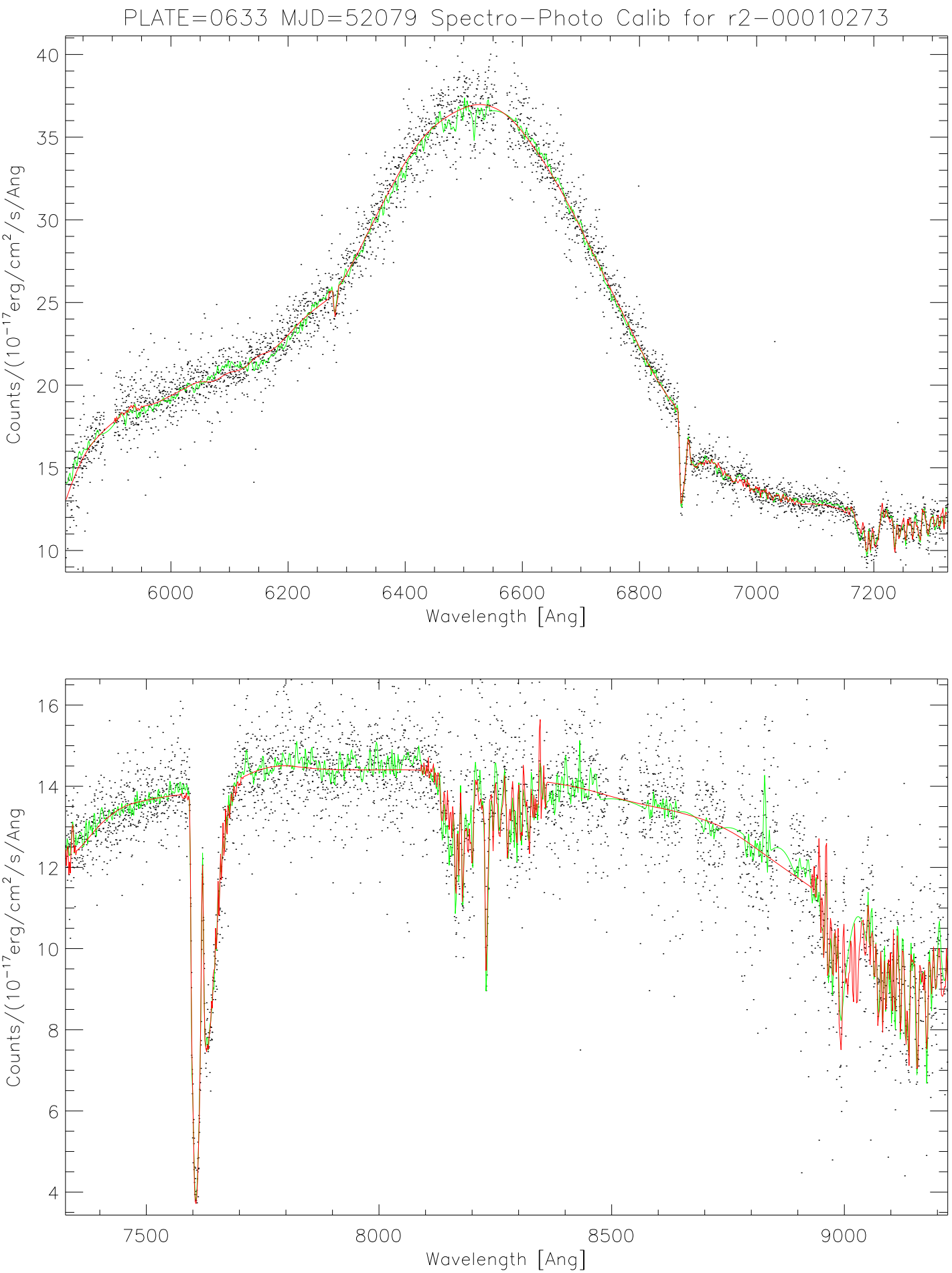

50
40
30
20
10
0
4000
4500
5000
5500
6000

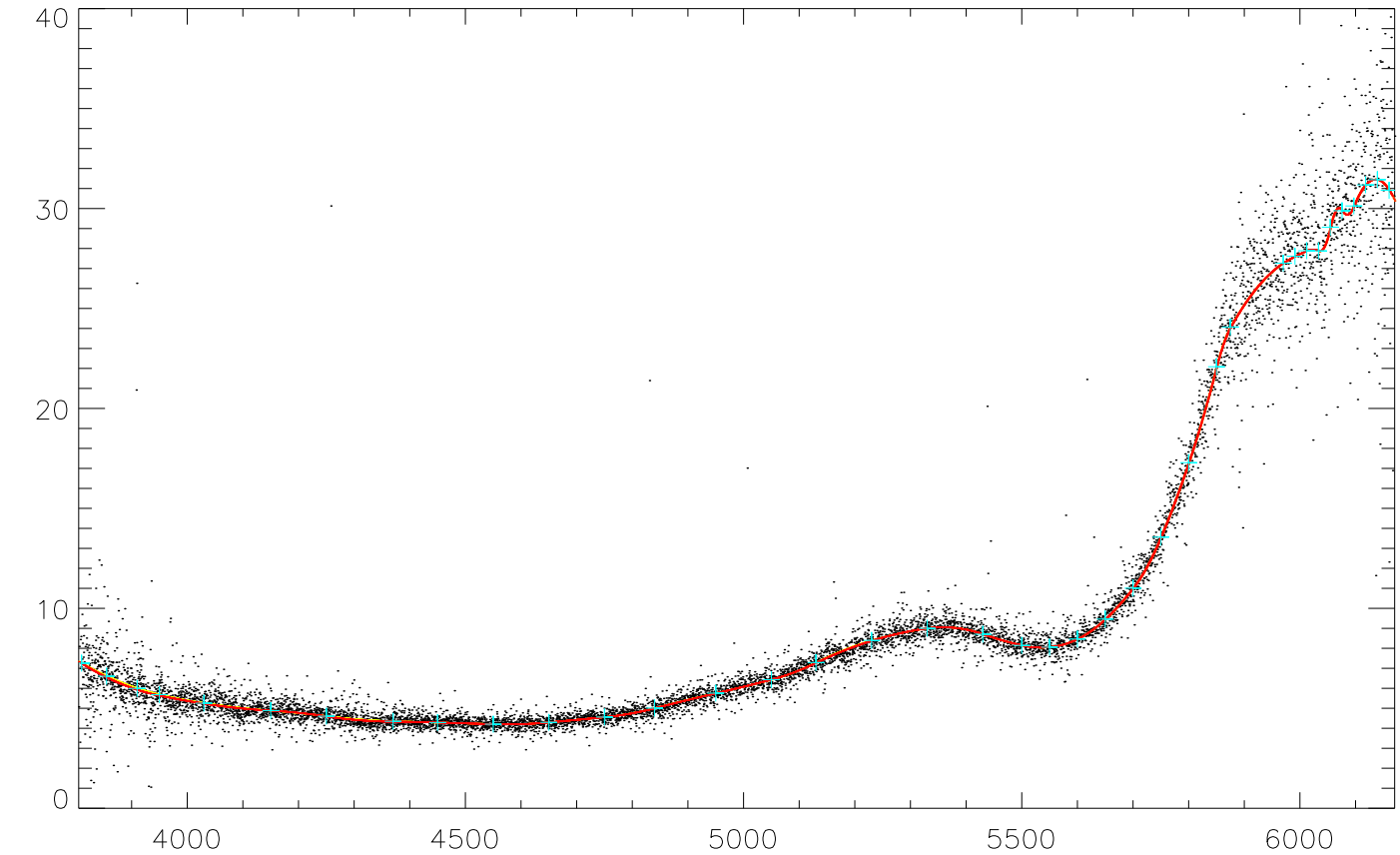

0.2
0.1
0.0
−0.1
−0.2
4000
4500
5000
5500
6000

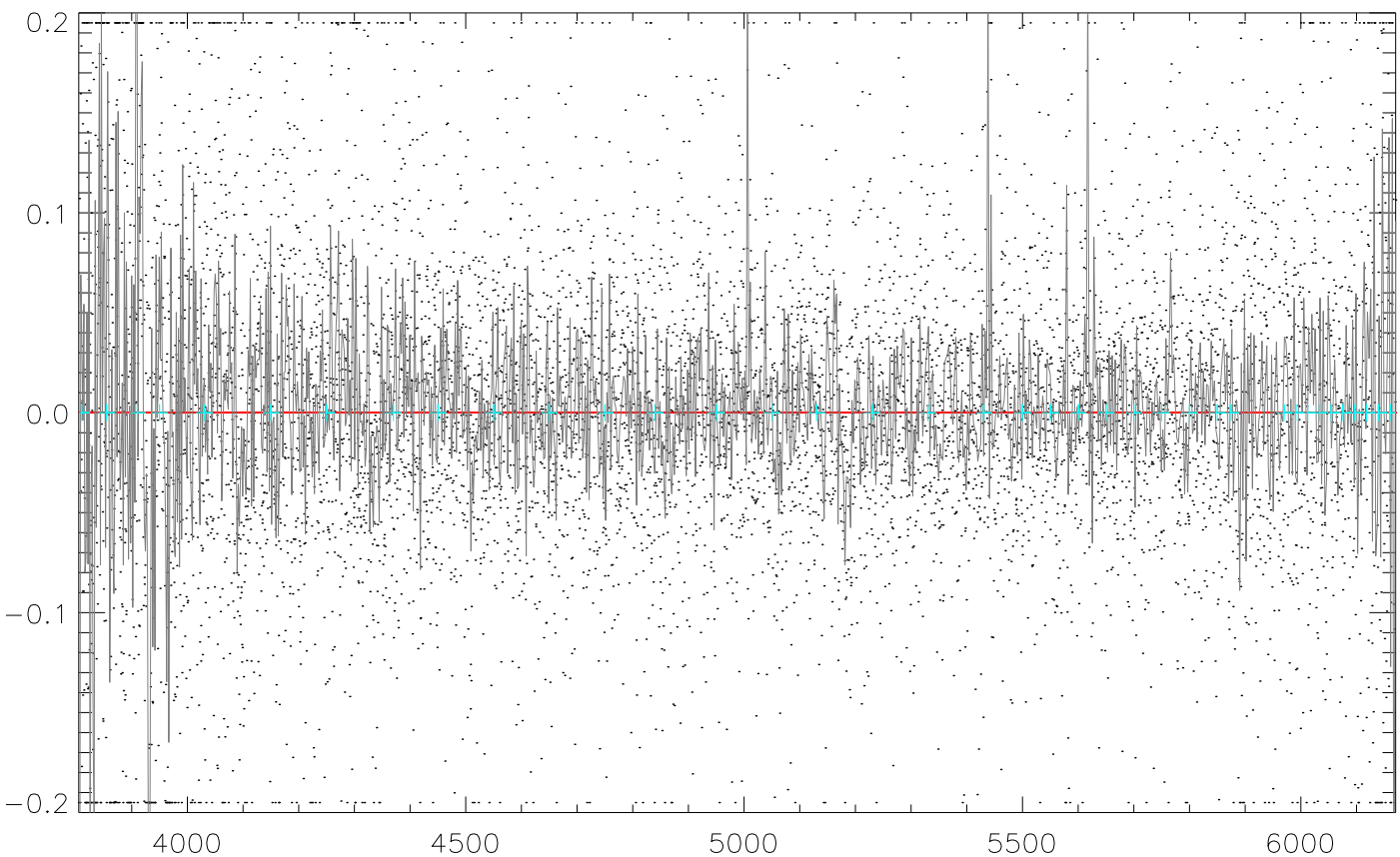

PLATE=0633 MJD=52079 Spectro−Photo Calib for b2−00010273
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
4
5
6
7
8
4000
4200
4400
4600
4800
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
5
10
15
20
25
30
35
5000
5200
5400
5600
5800
6000

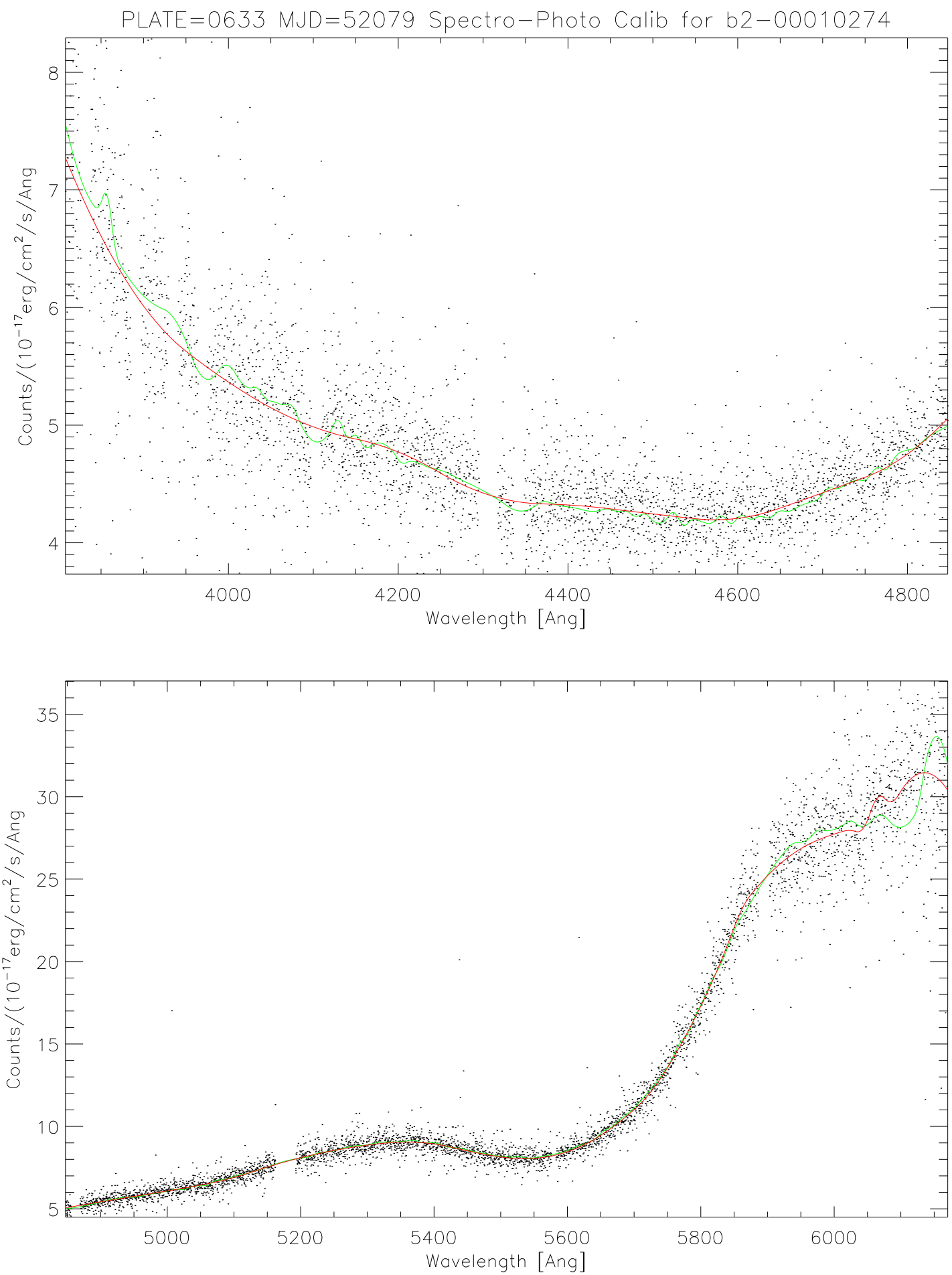

50
40
30
20
10
0
6000
6500
7000
7500
8000
8500
9000

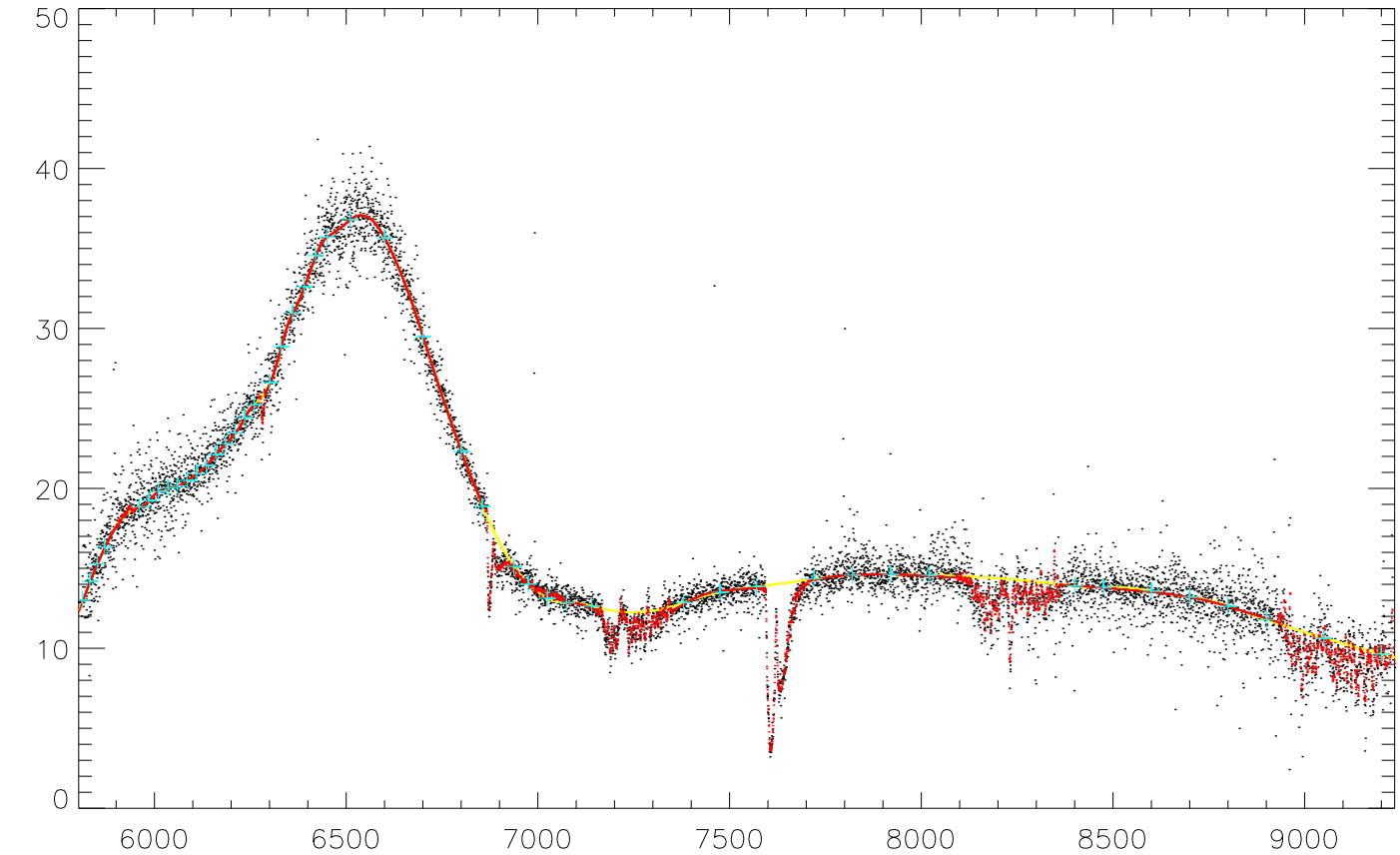

0.2
0.1
0.0
−0.1
−0.2
6000
6500
7000
7500
8000
8500
9000

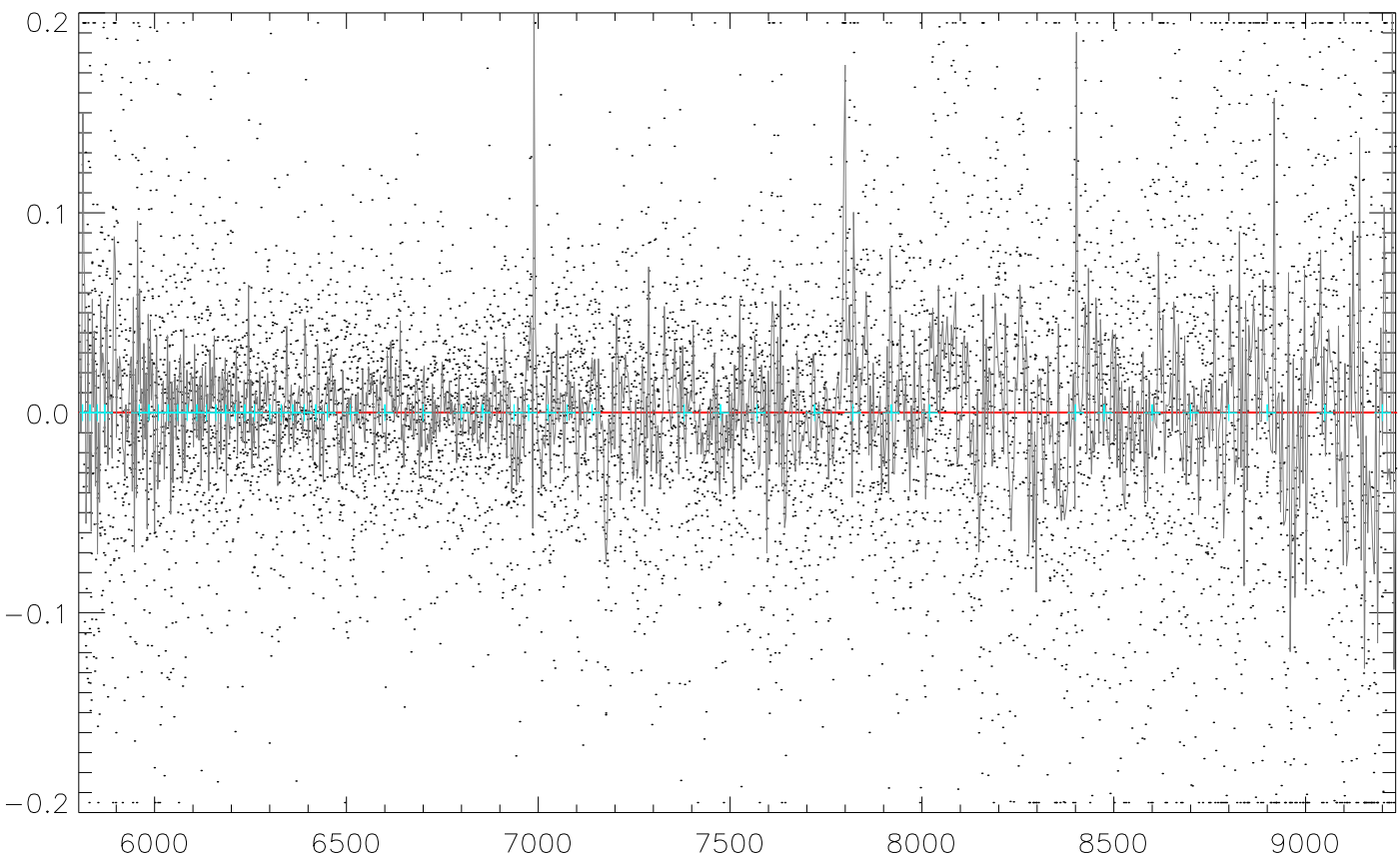

PLATE=0633 MJD=52079 Spectro−Photo Calib for r2−00010273
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
40
35
30
25
20
15
10
6000
6200
6400
6600
6800
7000
7200
16
14
12
10
8
6
4
7500
8000
8500
9000

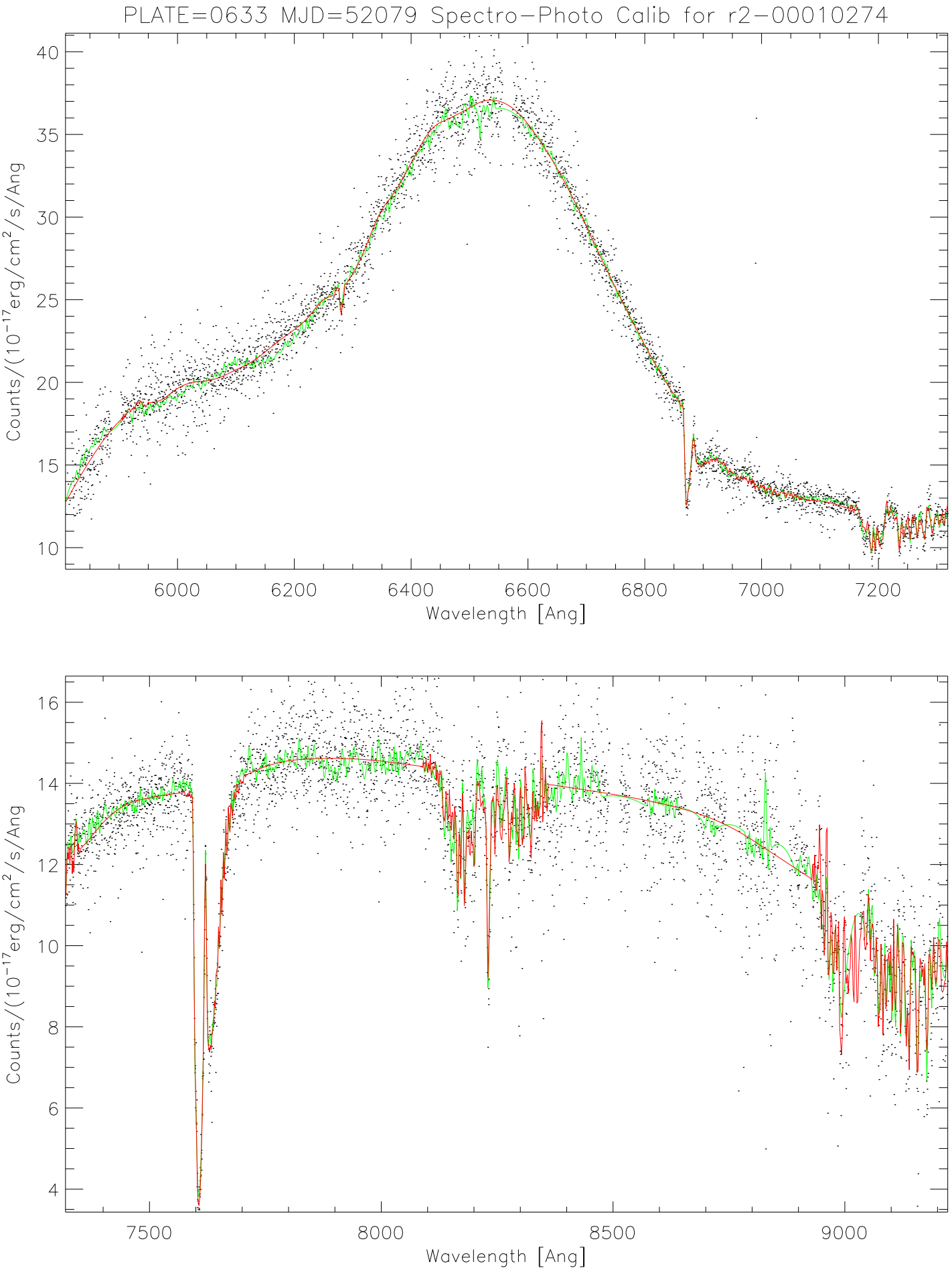

40
30
20
10
0
4000
4500
5000
5500
6000

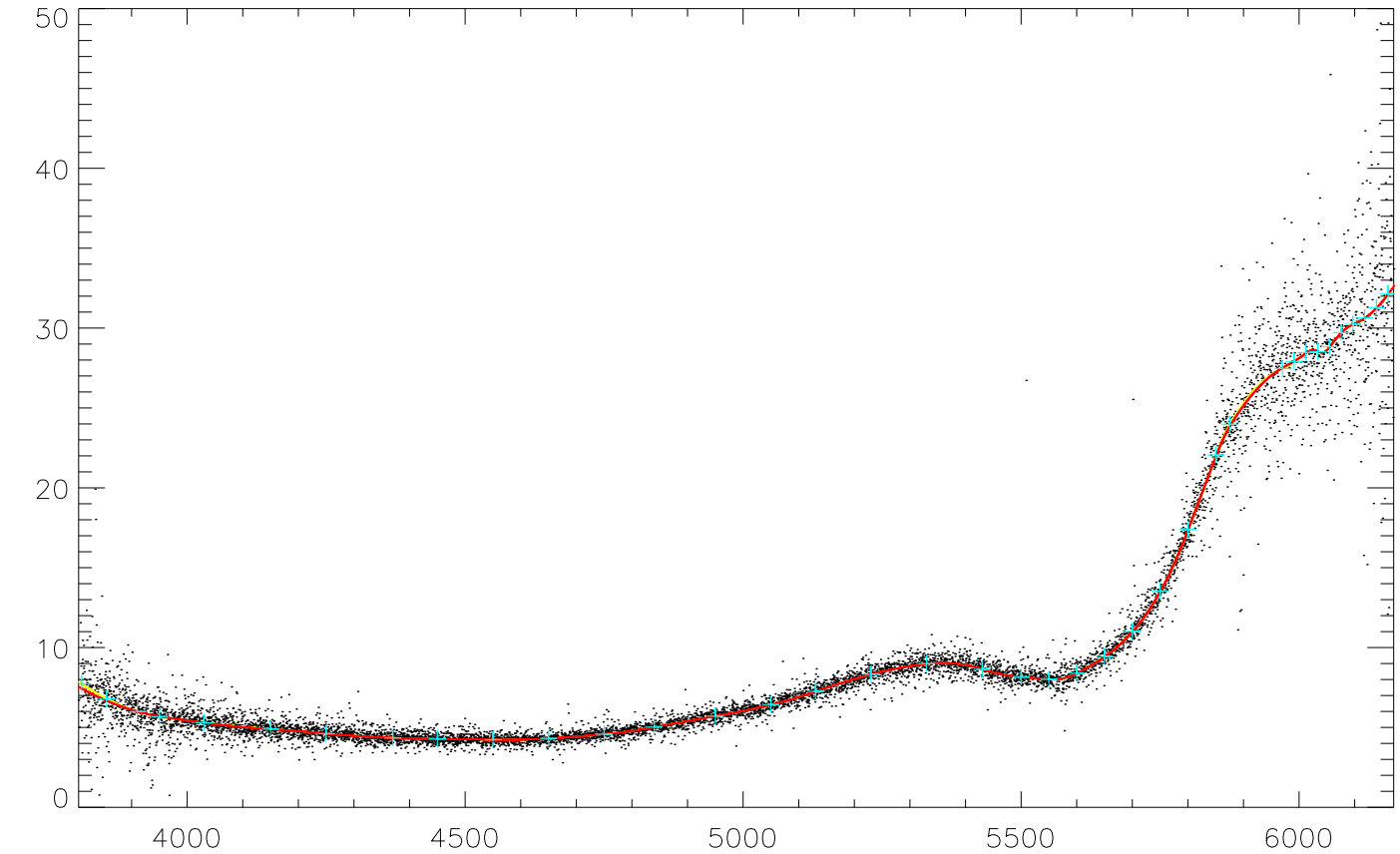

0.2
0.1
0.0
−0.1
−0.2
4000
4500
5000
5500
6000

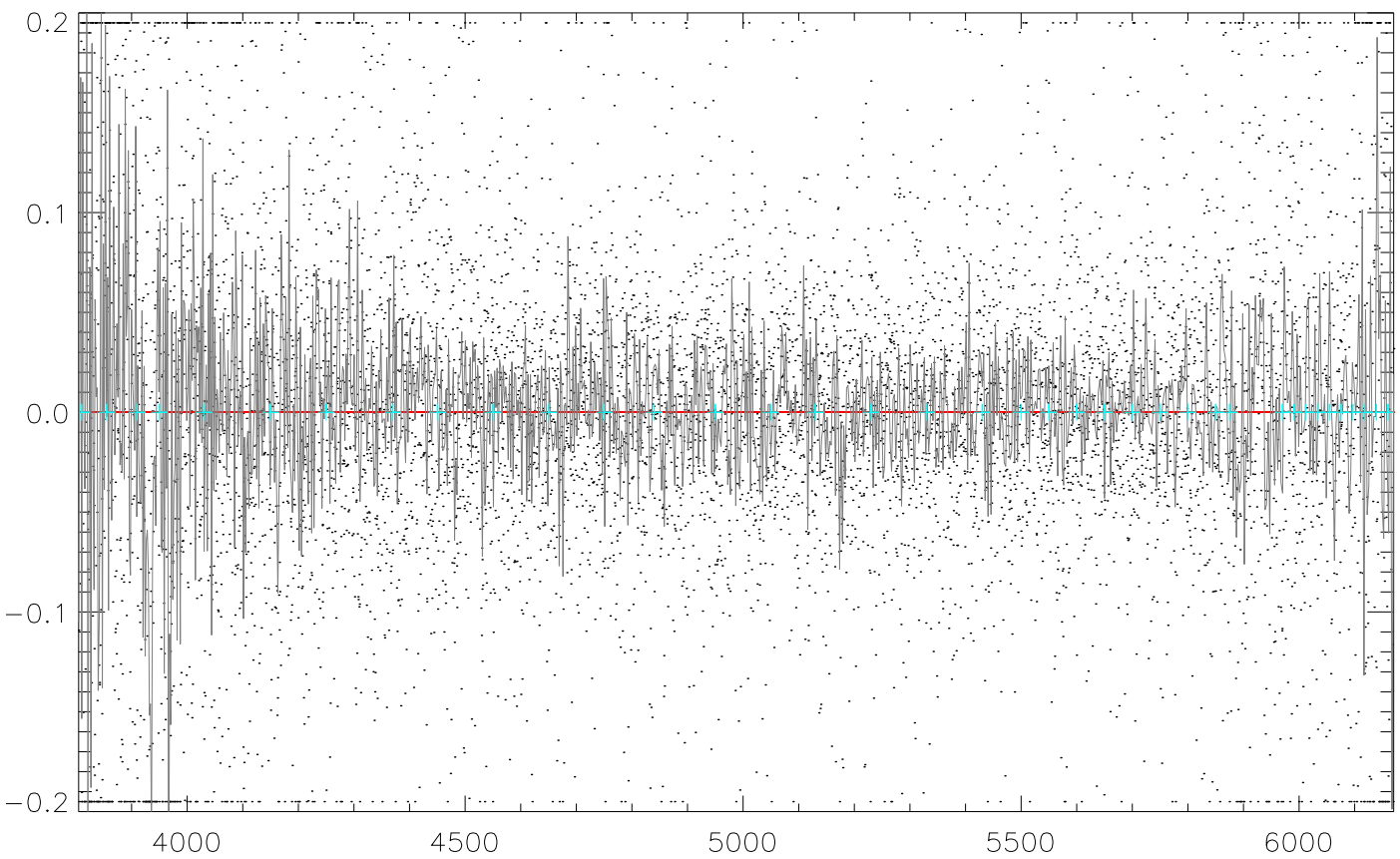

PLATE=0633 MJD=52079 Spectro−Photo Calib for b2−00010274
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
4000
4200
4400
4600
4800
4
5
6
7
8
5000
5200
5400
5600
5800
6000
10
15
20
25
30
35

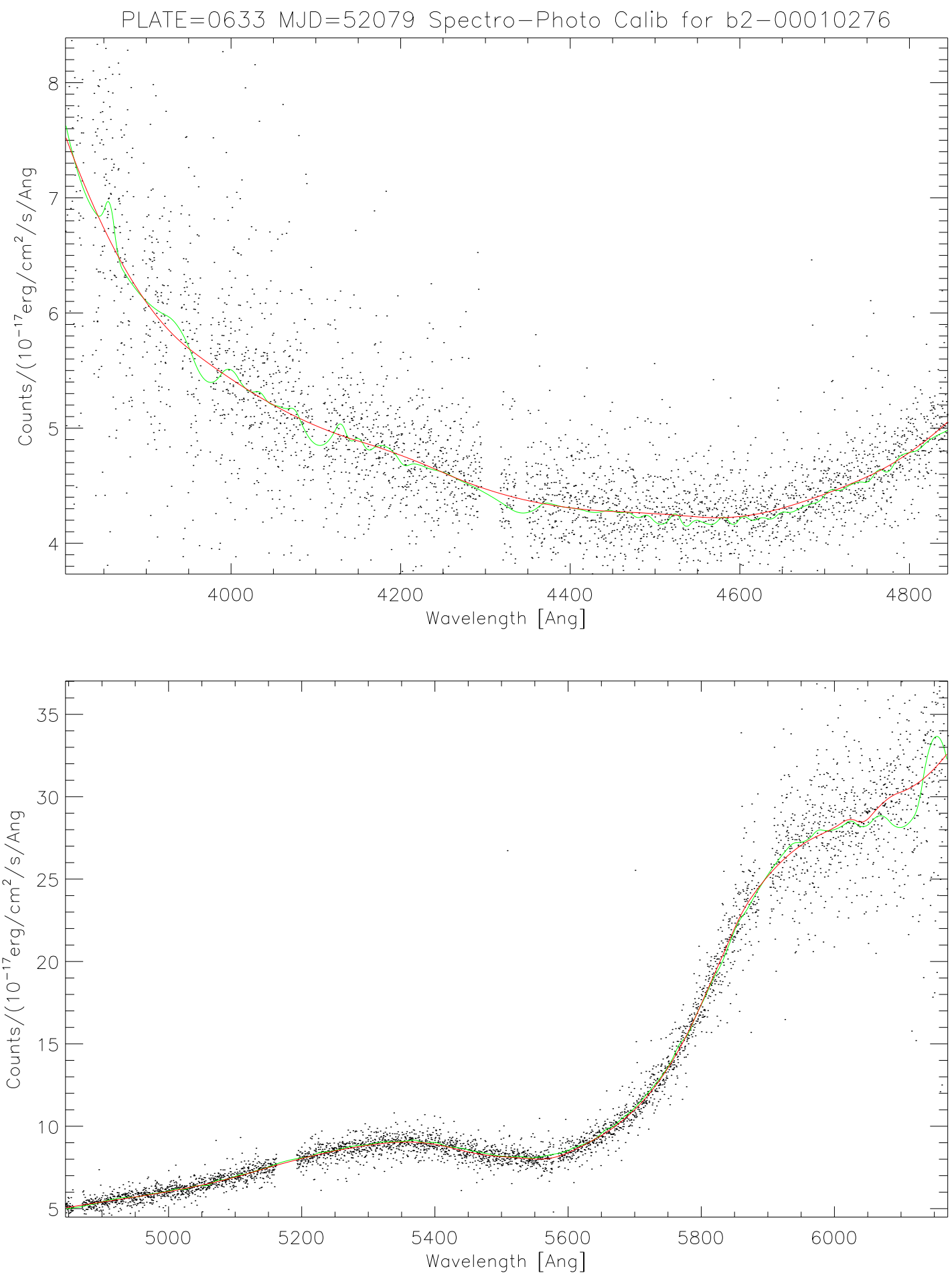

50
40
30
20
10
0
6000
6500
7000
7500
8000
8500
9000

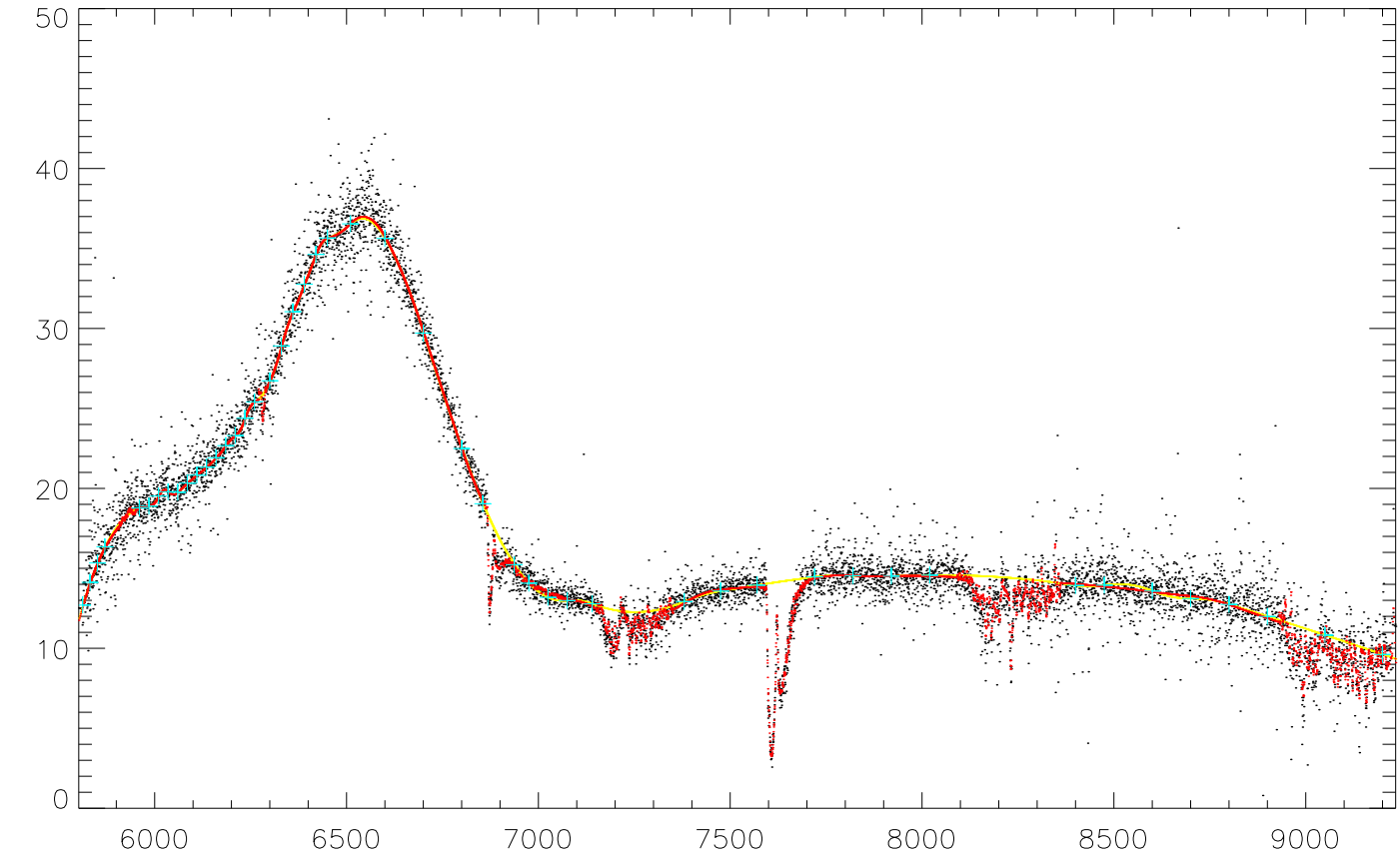

0.2
0.1
0.0
−0.1
−0.2
6000
6500
7000
7500
8000
8500
9000

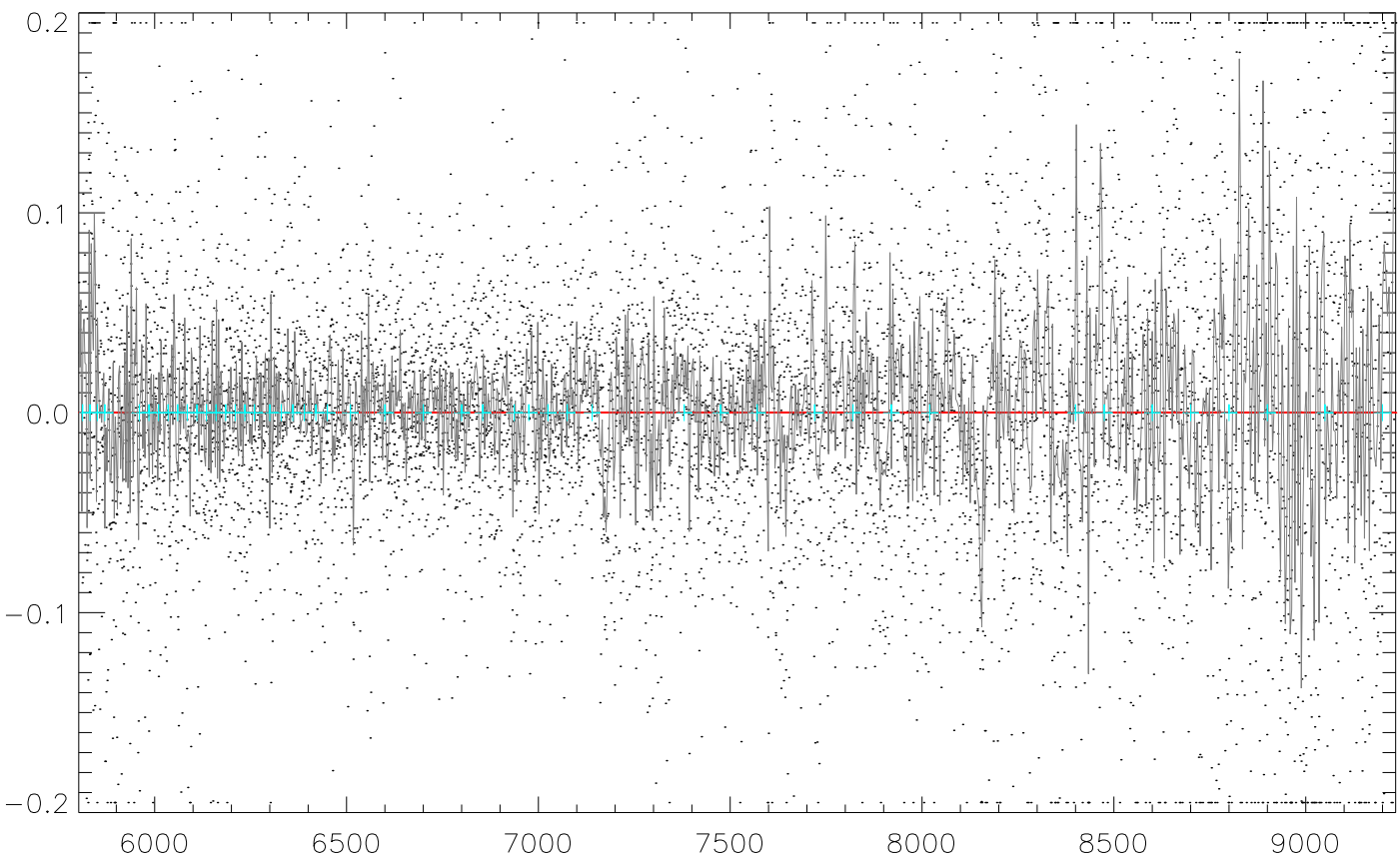

PLATE=0633 MJD=52079 Spectro−Photo Calib for r2−00010274
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
40
35
30
25
20
15
10
6000
6200
6400
6600
6800
7000
7200
16
14
12
10
8
6
4
7500
8000
8500
9000

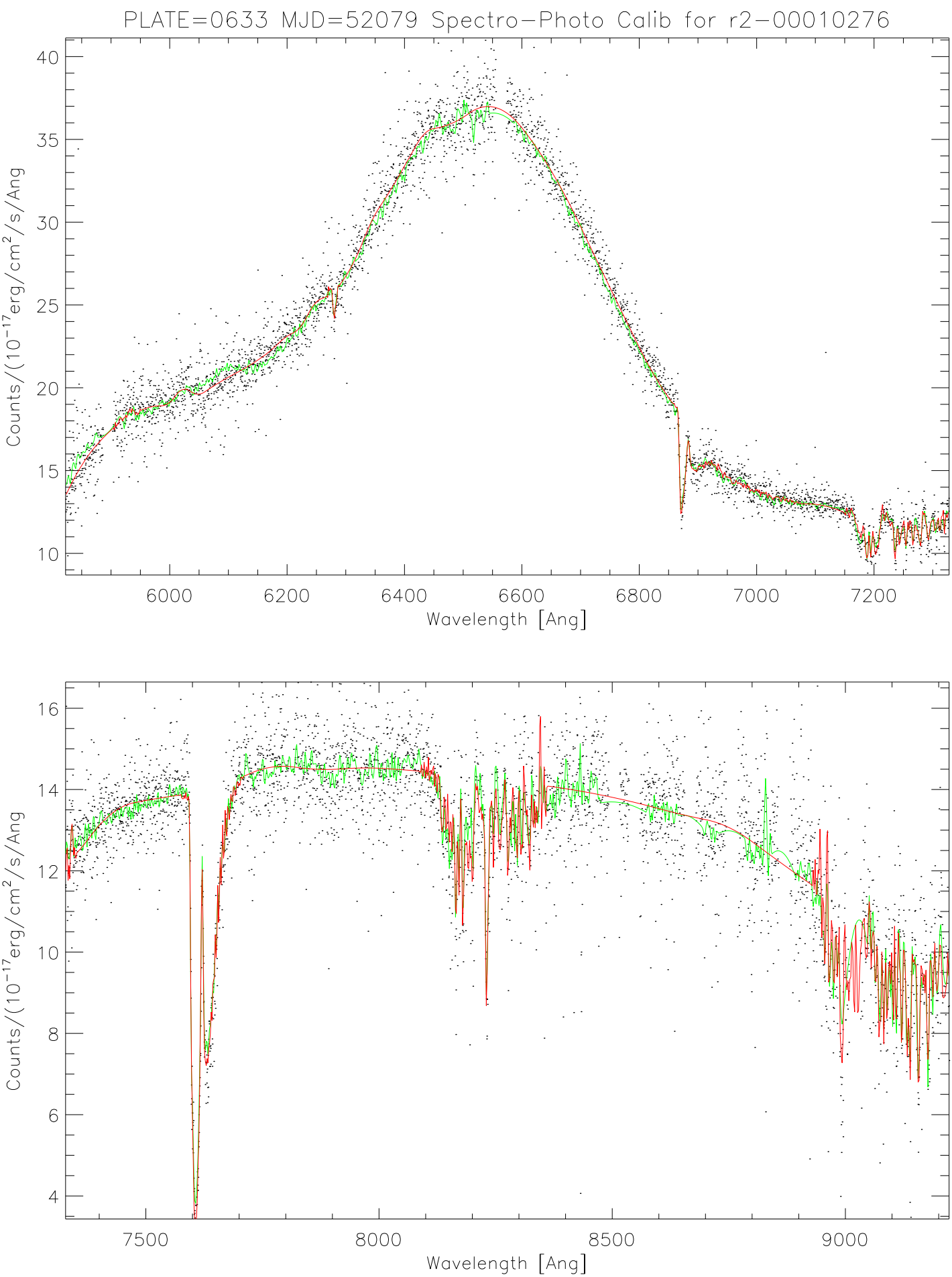

50
40
30
20
10
0
4000
4500
5000
5500
6000


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


PLATE=0633 MJD=52079 Spectro−Photo Calib for b2−00010276
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
4
5
6
7
8
4000
4200
4400
4600
4800
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
5
10
15
20
25
30
35
5000
5200
5400
5600
5800
6000


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=0633 MJD=52079 Spectro−Photo Calib for r2−00010276
Counts/(10^-17erg/cm^2/s/Ang
Wavelength [Ang]
40
35
30
25
20
15
10
6000
6200
6400
6600
6800
7000
7200
Counts/(10^-17erg/cm^2/s/Ang
Wavelength [Ang]
16
14
12
10
8
6
4
7500
8000
8500
9000