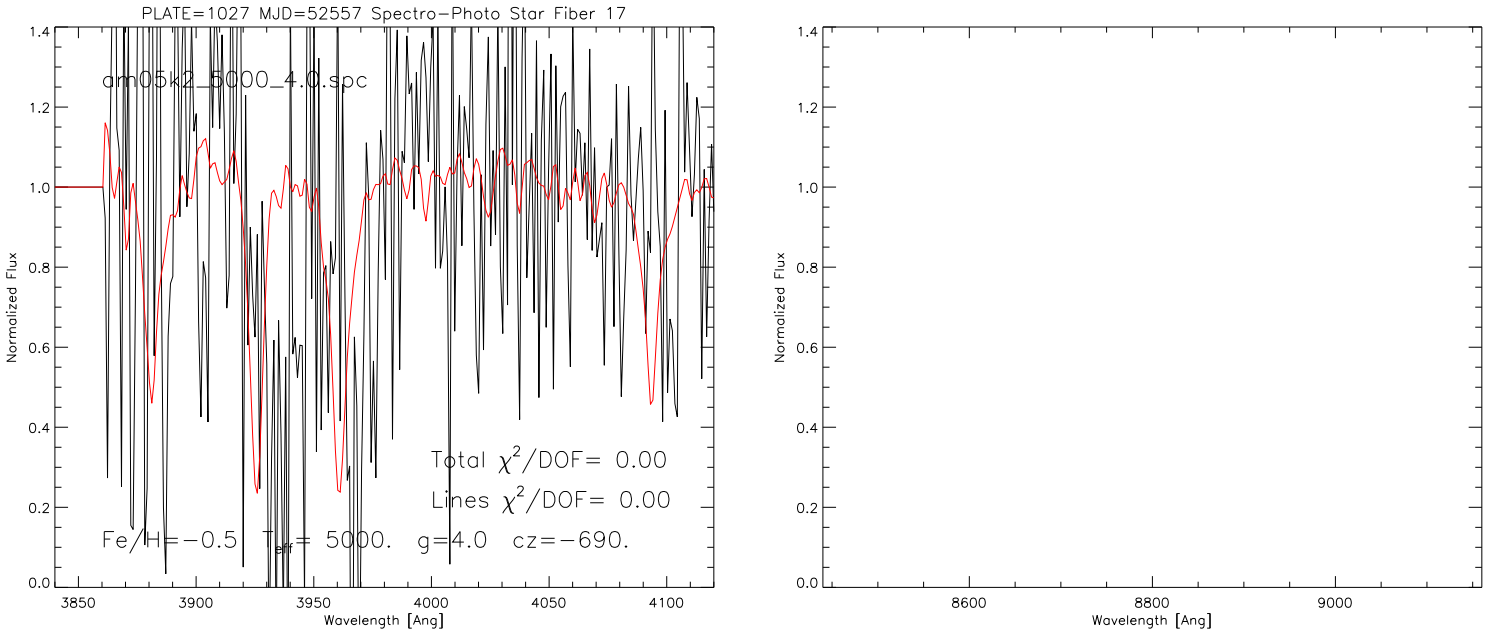
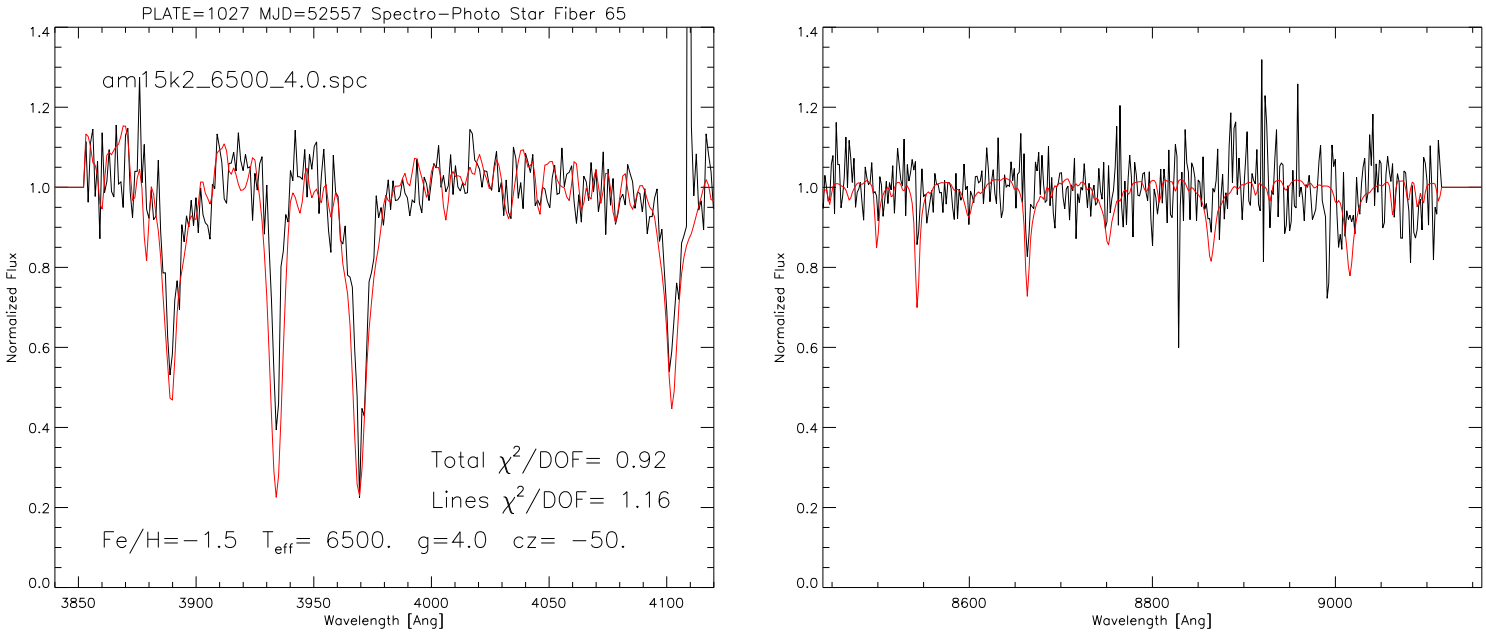
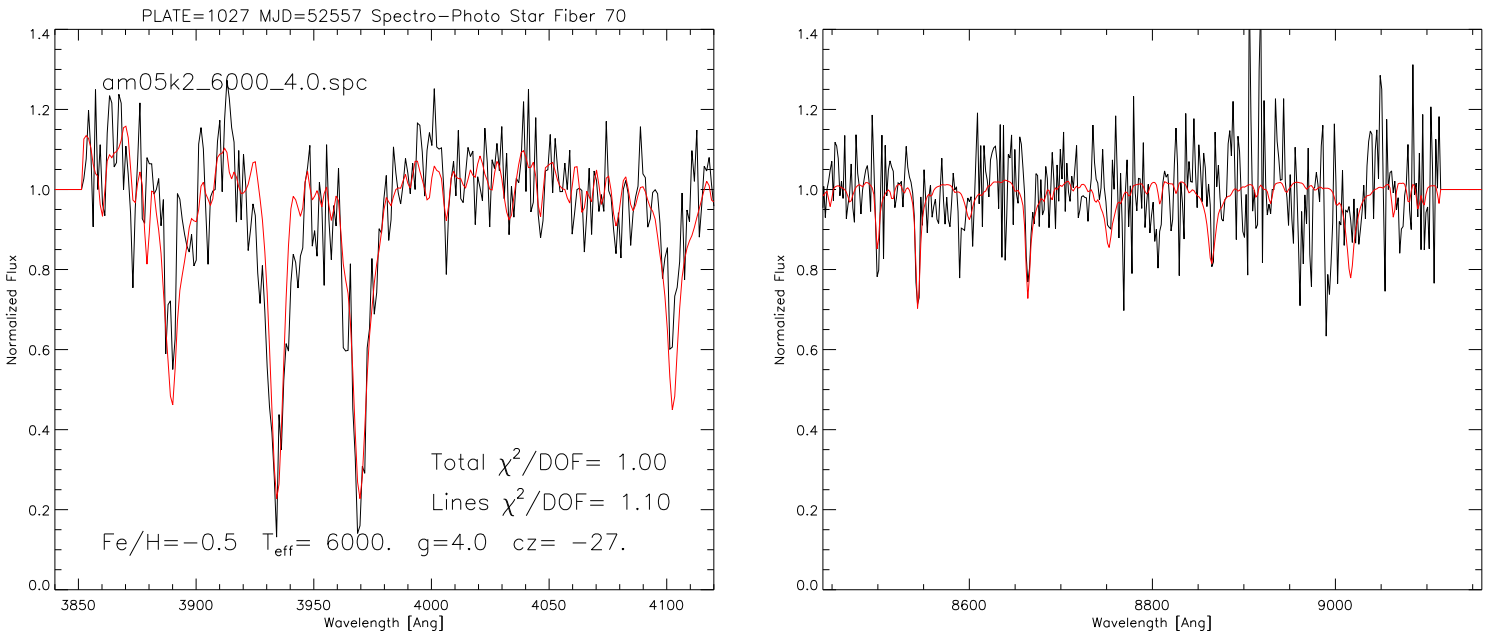
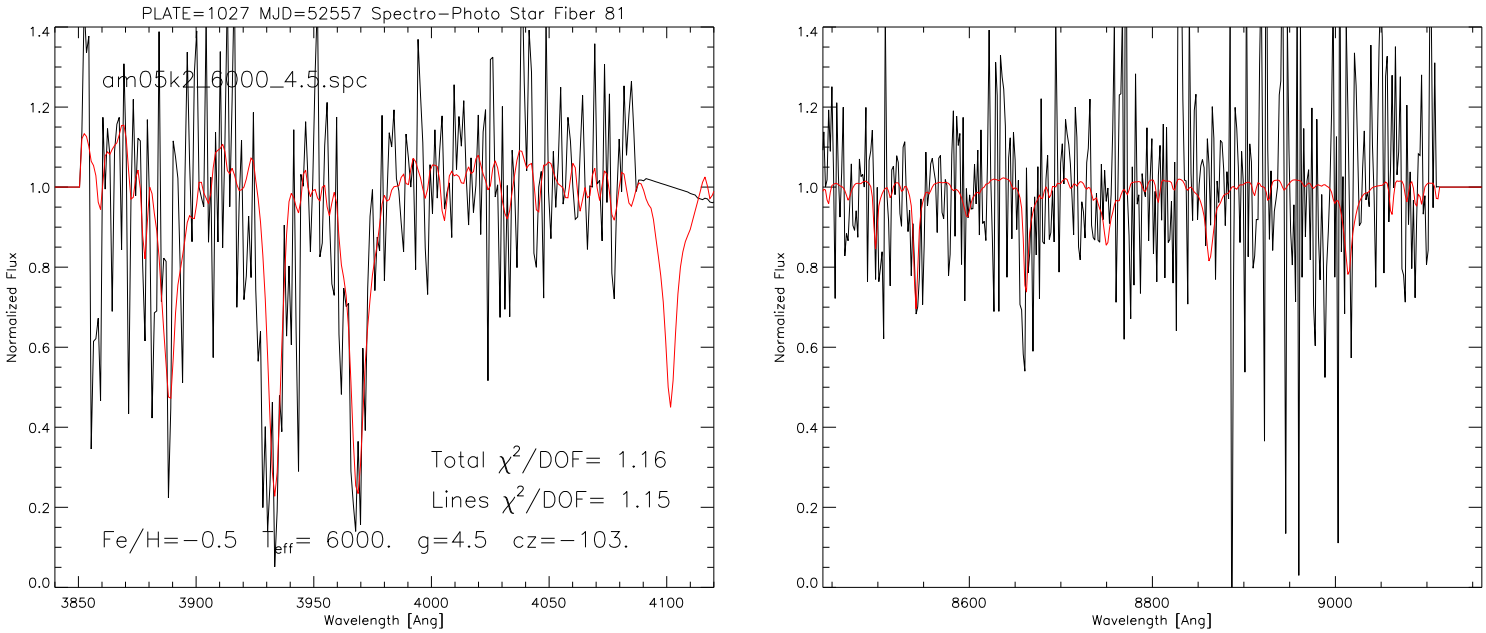
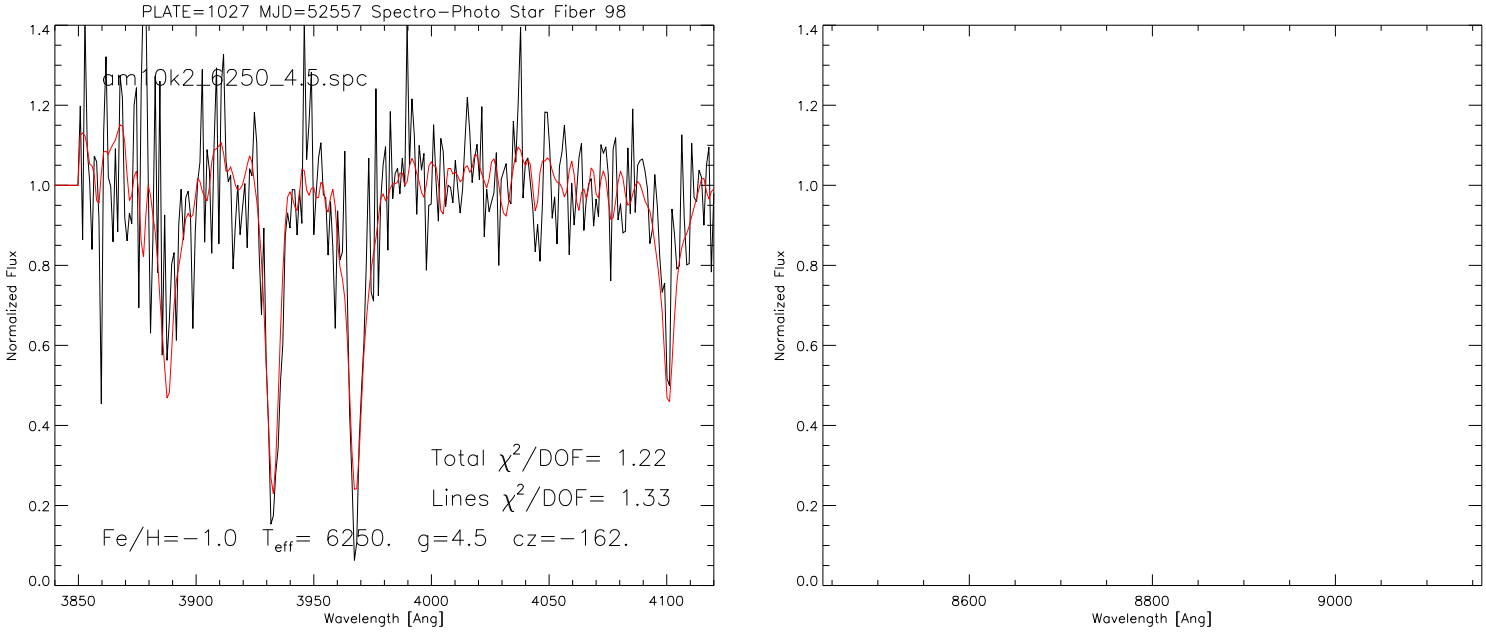
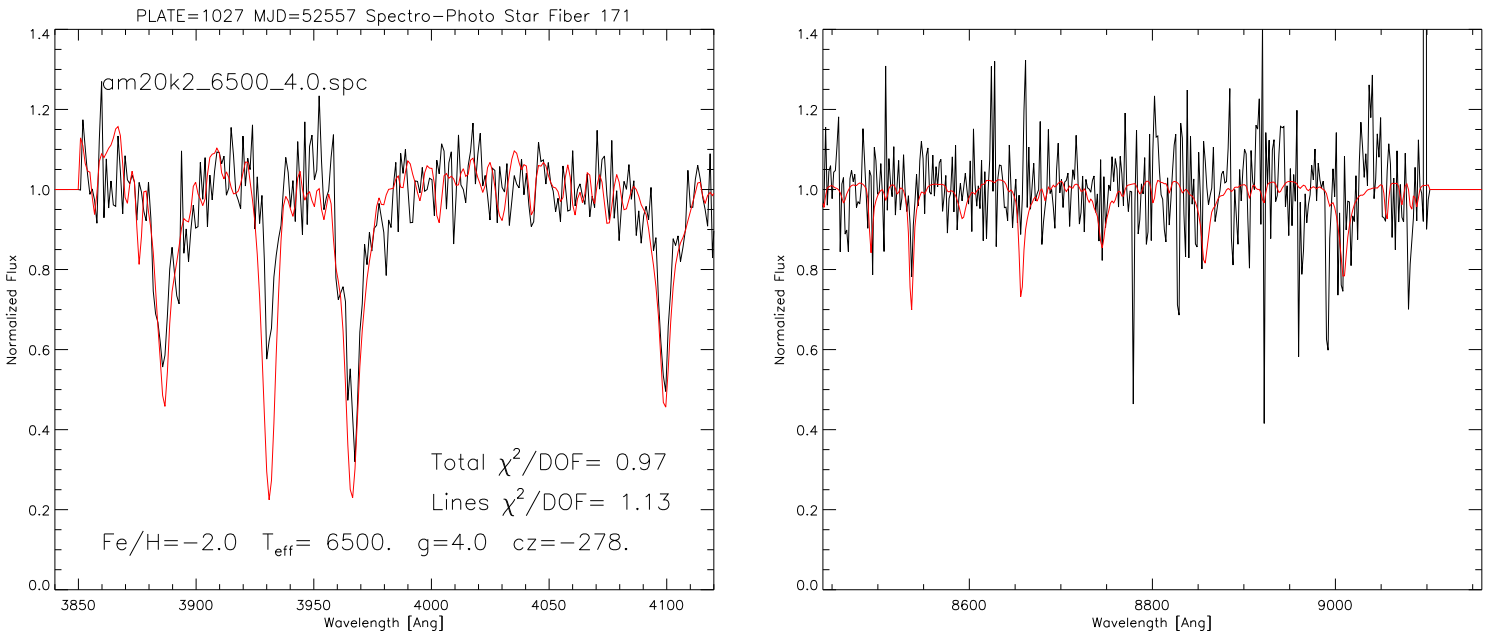

PLATE=1027 MJD=52557 Spectro−Photo Star Fiber 17
am05k2_5000_4.0.spc
Total χ^2/DOF= 0.00
Lines χ^2/DOF= 0.00
Fe/H=−0.5 T_{eff}= 5000. g=4.0 cz=−690.
Normalized Flux
Wavelength [Ang]

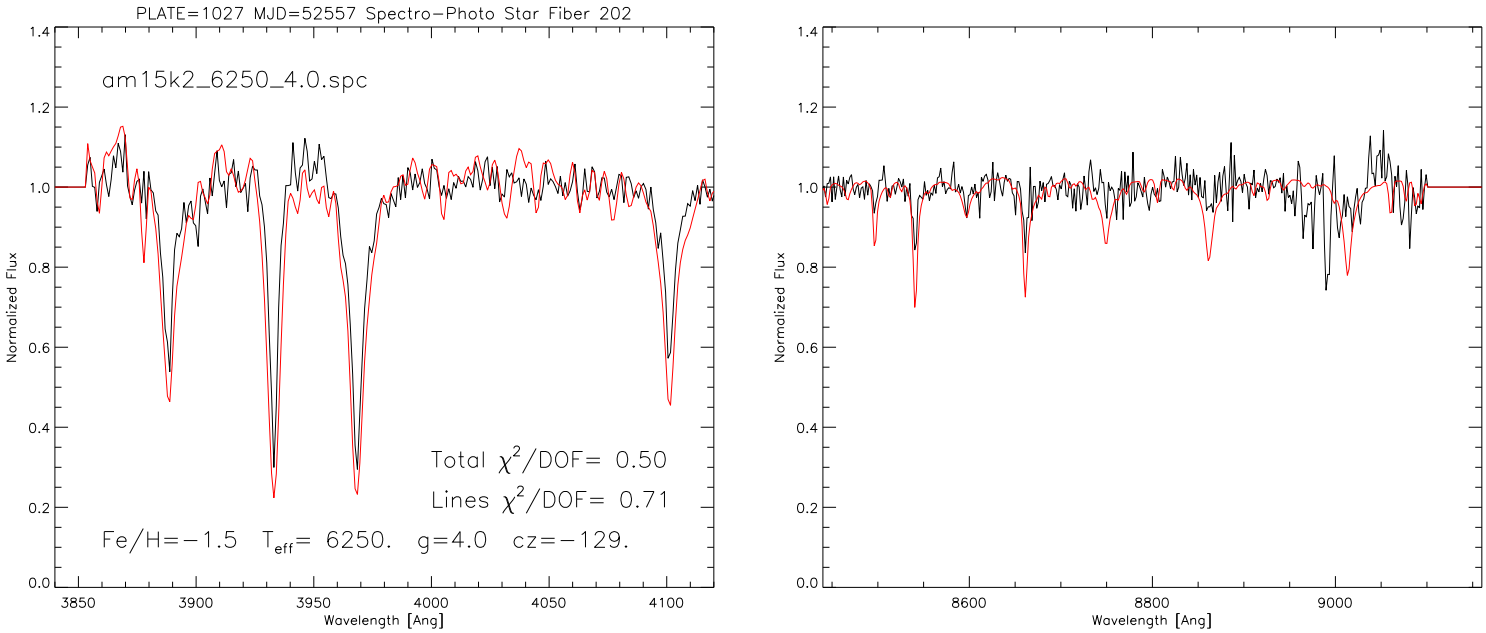

PLATE=1027 MJD=52557 Spectro−Photo Star Fiber 65
am15k2_6500_4.0.spc
Total χ^2/DOF= 0.92
Lines χ^2/DOF= 1.16
Fe/H=−1.5 T_{eff}= 6500. g=4.0 cz= −50.
Normalized Flux
Wavelength [Ang]

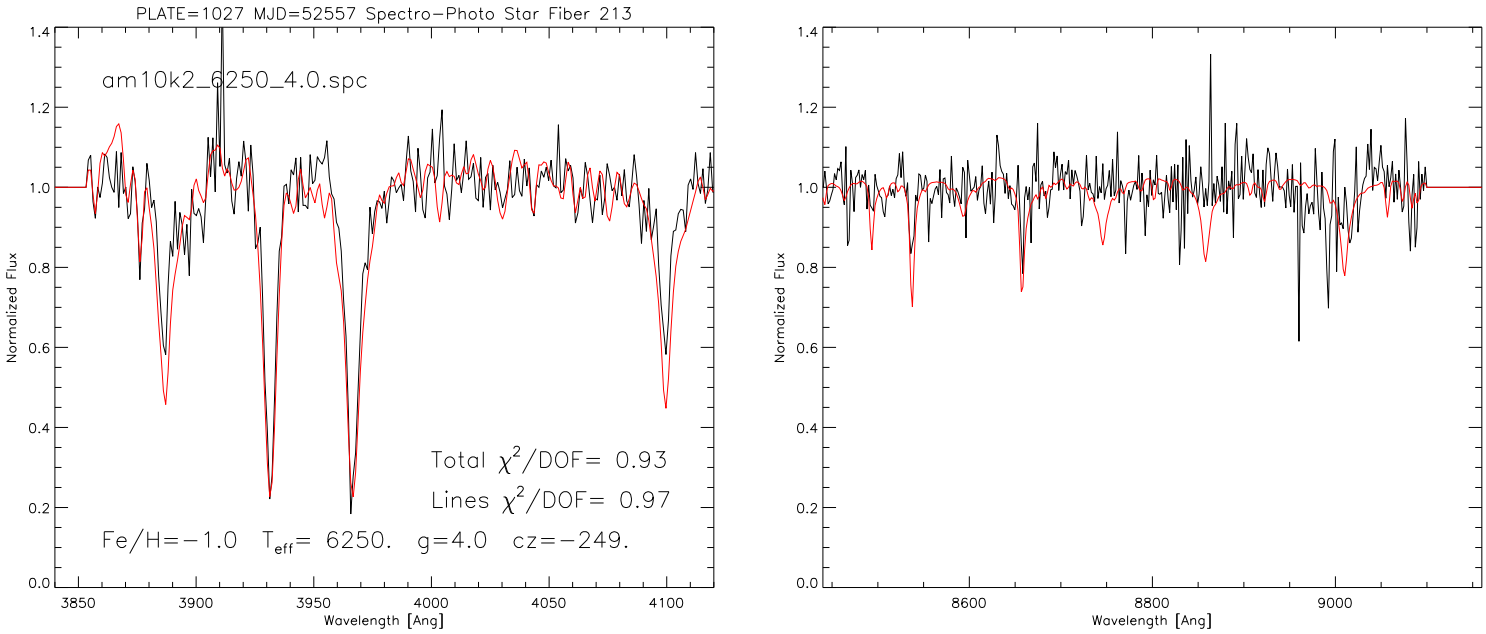

PLATE=1027 MJD=52557 Spectro−Photo Star Fiber 70
am05k2_6000_4.0.spc
Total χ^2/DOF= 1.00
Lines χ^2/DOF= 1.10
Fe/H=−0.5 T_{eff}= 6000. g=4.0 cz= −27.
Normalized Flux
Wavelength [Ang]

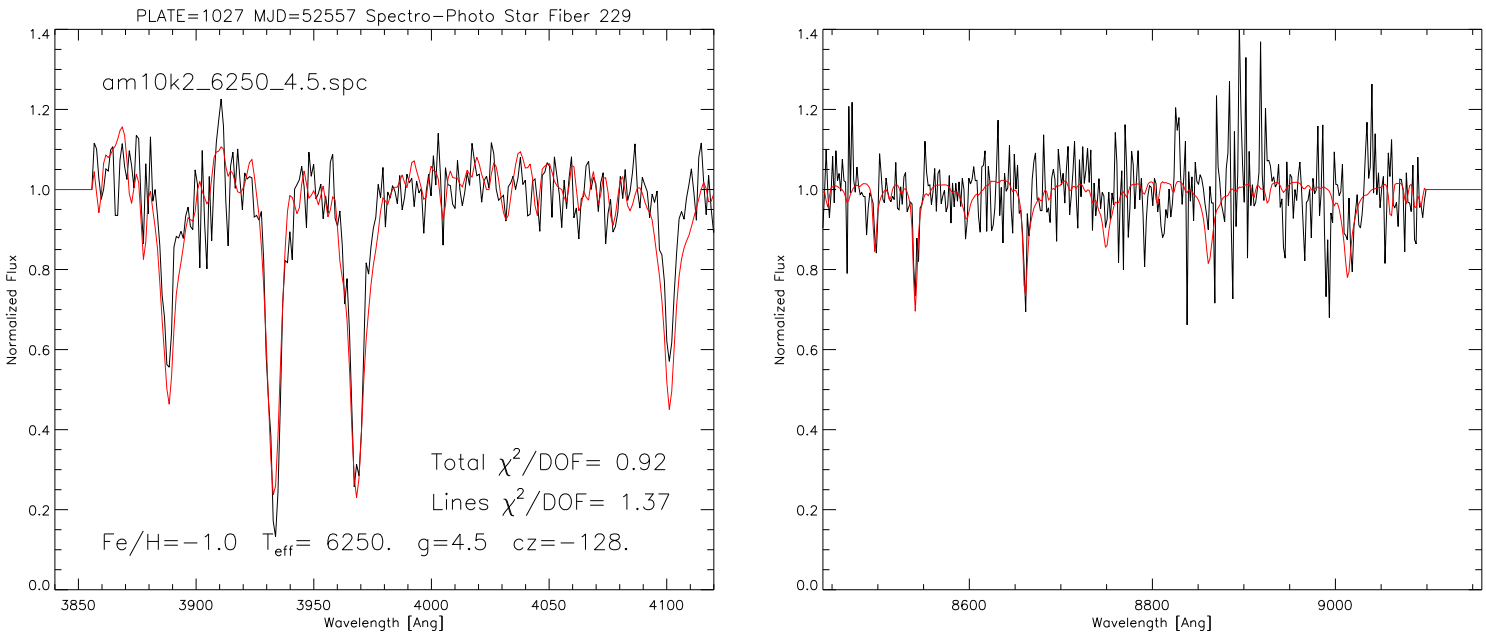

PLATE=1027 MJD=52557 Spectro−Photo Star Fiber 81
am05k2_6000_4.5.spc
Total χ^2/DOF= 1.16
Lines χ^2/DOF= 1.15
Fe/H=−0.5 T_{eff}= 6000. g=4.5 cz=−103.
Normalized Flux
Wavelength [Ang]

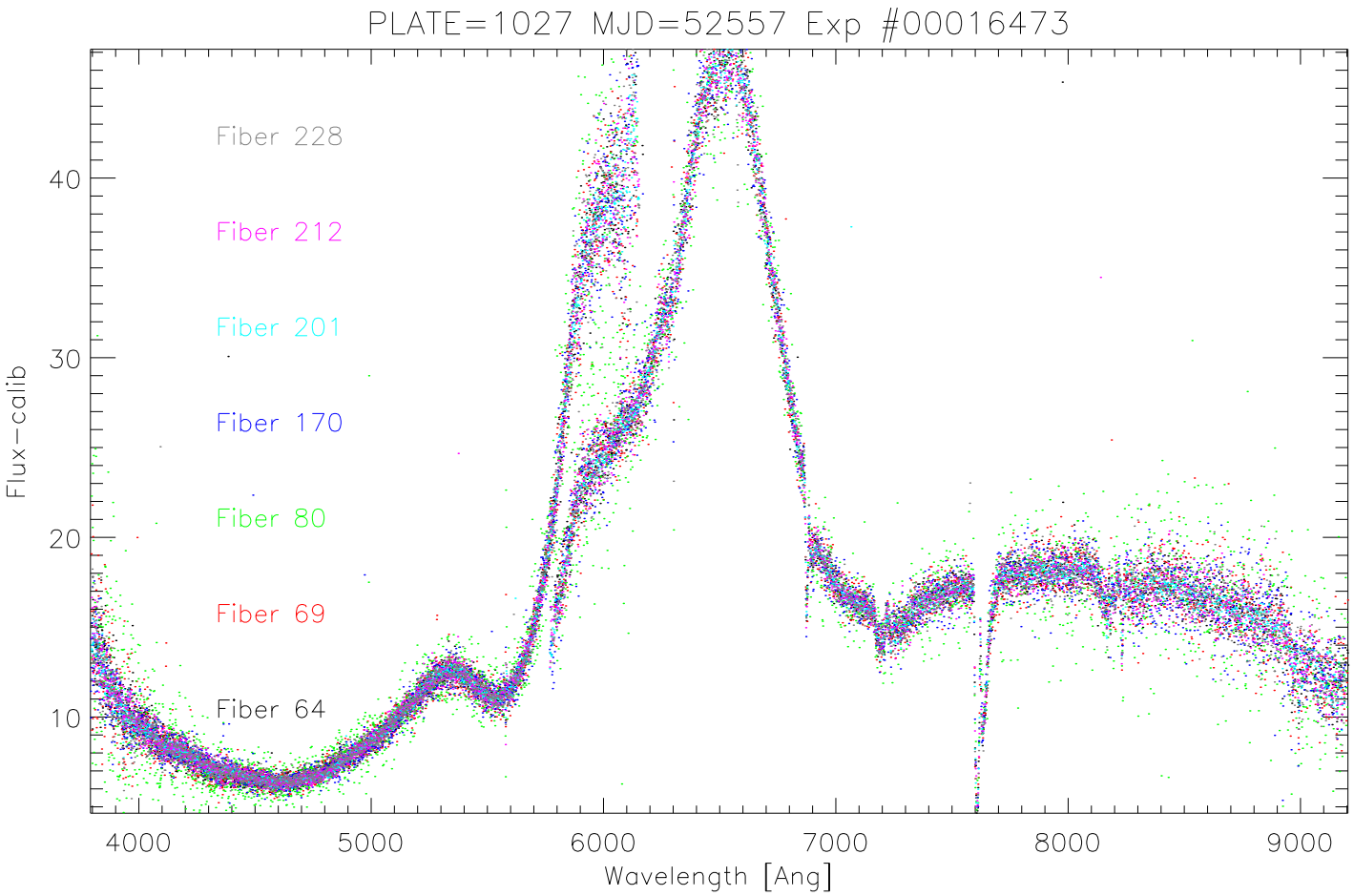

PLATE=1027 MJD=52557 Spectro−Photo Star Fiber 98
am10k2_6250_4.5.spc
Total χ^2/DOF= 1.22
Lines χ^2/DOF= 1.33
Fe/H=−1.0 T_{eff}= 6250. g=4.5 cz=−162.
Normalized Flux
Wavelength [Ang]

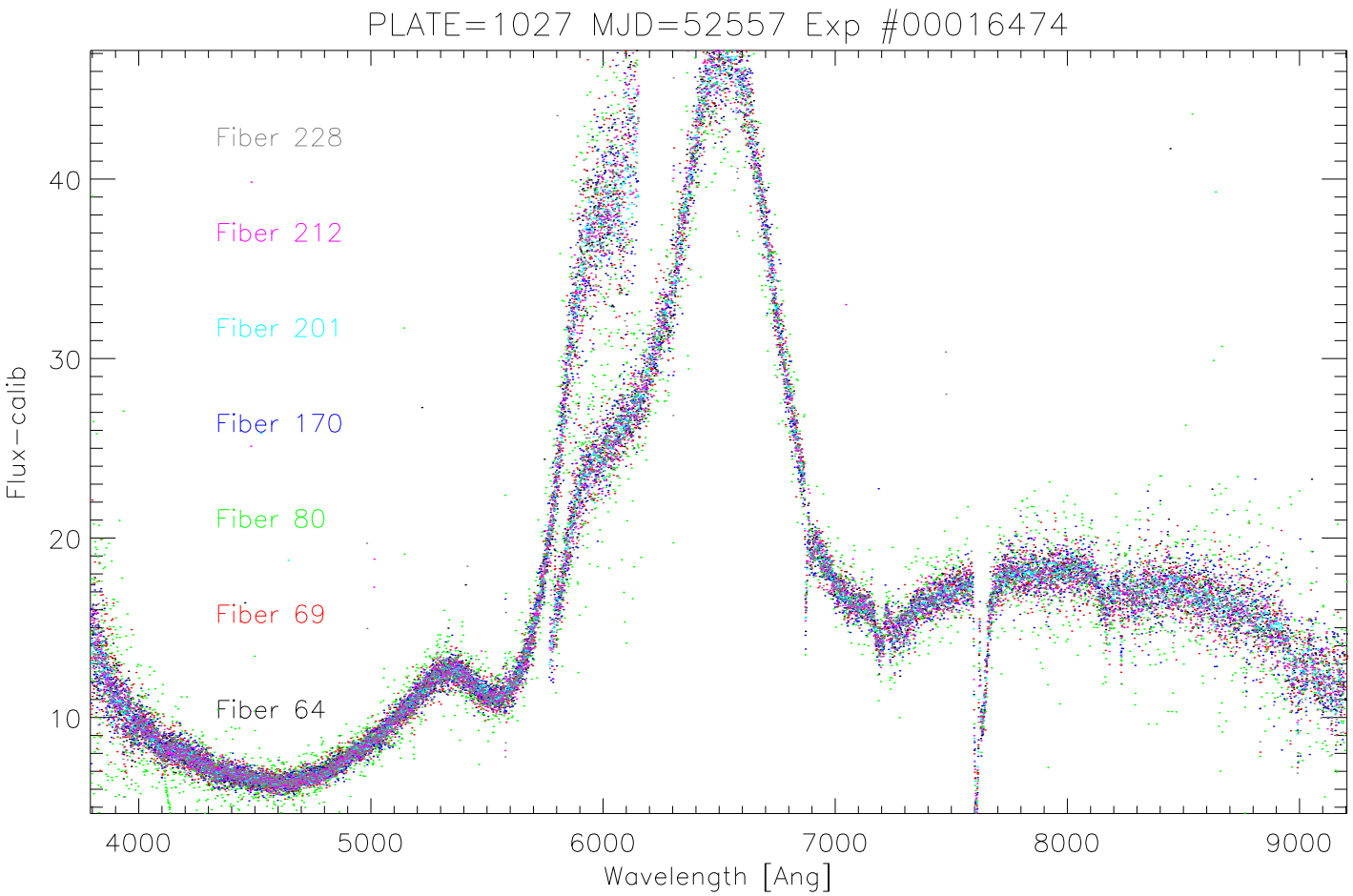

PLATE=1027 MJD=52557 Spectro−Photo Star Fiber 171
am20k2_6500_4.0.spc
Total χ^2/DOF= 0.97
Lines χ^2/DOF= 1.13
Fe/H=−2.0 T_{eff}= 6500. g=4.0 cz=−278.
Normalized Flux
Wavelength [Ang]

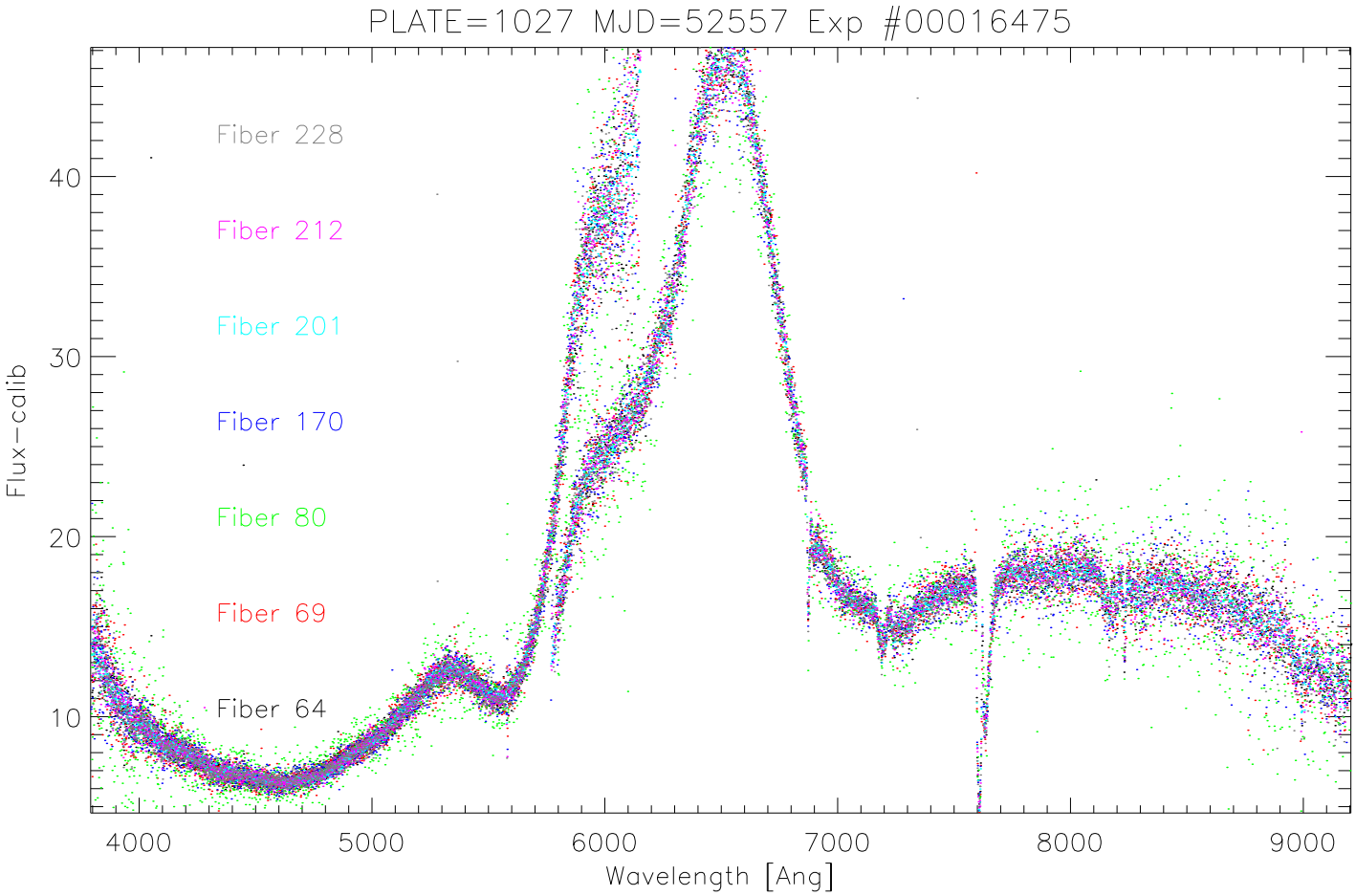

PLATE=1027 MJD=52557 Spectro-Photo Star Fiber 202
am15k2_6250_4.0.spc
Total χ^2/DOF= 0.50
Lines χ^2/DOF= 0.71
Fe/H=-1.5 T_{eff}= 6250. g=4.0 cz=-129.
Normalized Flux
Wavelength [Ang]

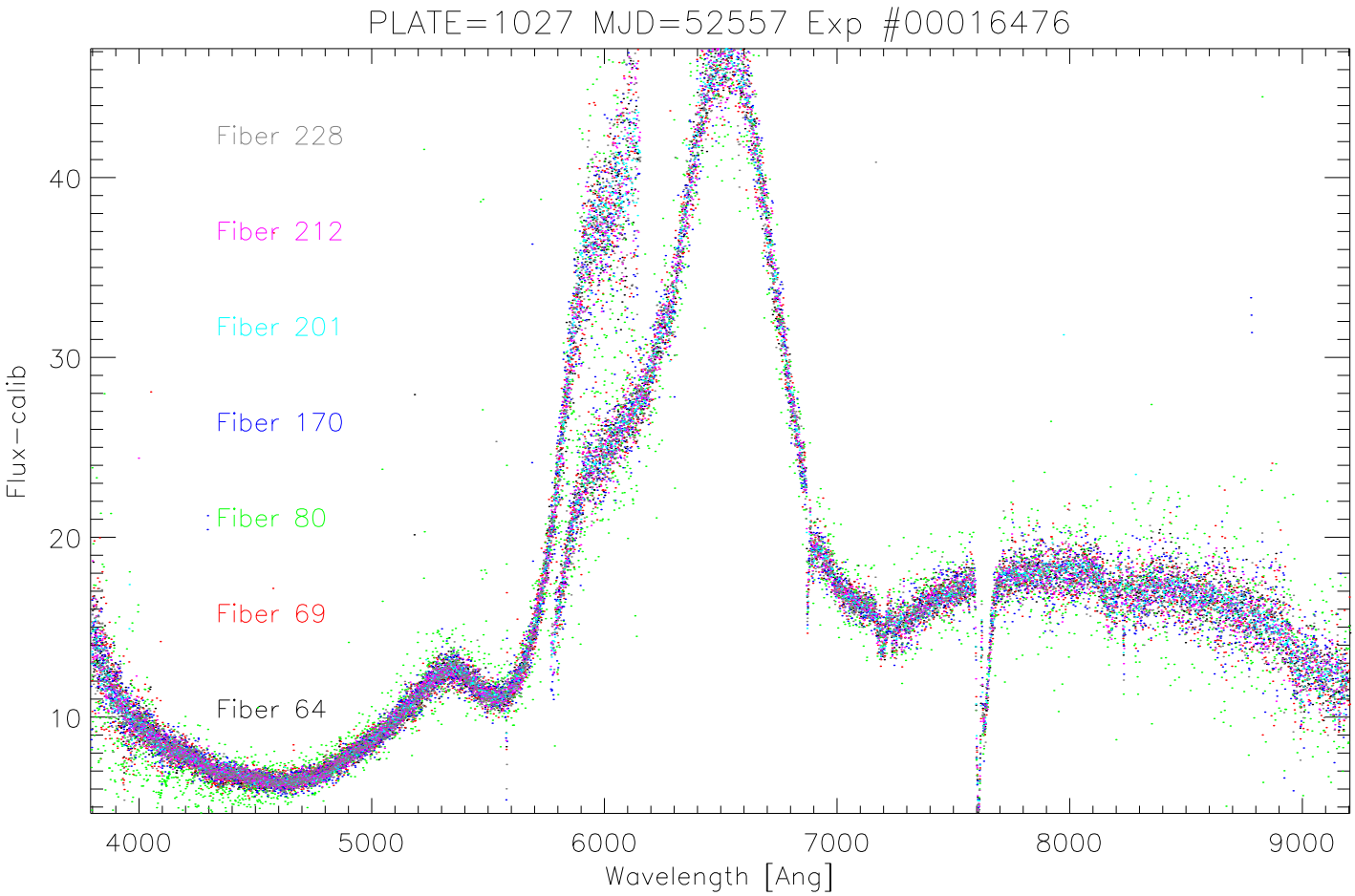

PLATE=1027 MJD=52557 Spectro-Photo Star Fiber 213
am10k2_6250_4.0.spc
Total χ^2/DOF= 0.93
Lines χ^2/DOF= 0.97
Fe/H=-1.0 T_{eff}= 6250. g=4.0 cz=-249.
Normalized Flux
Wavelength [Ang]

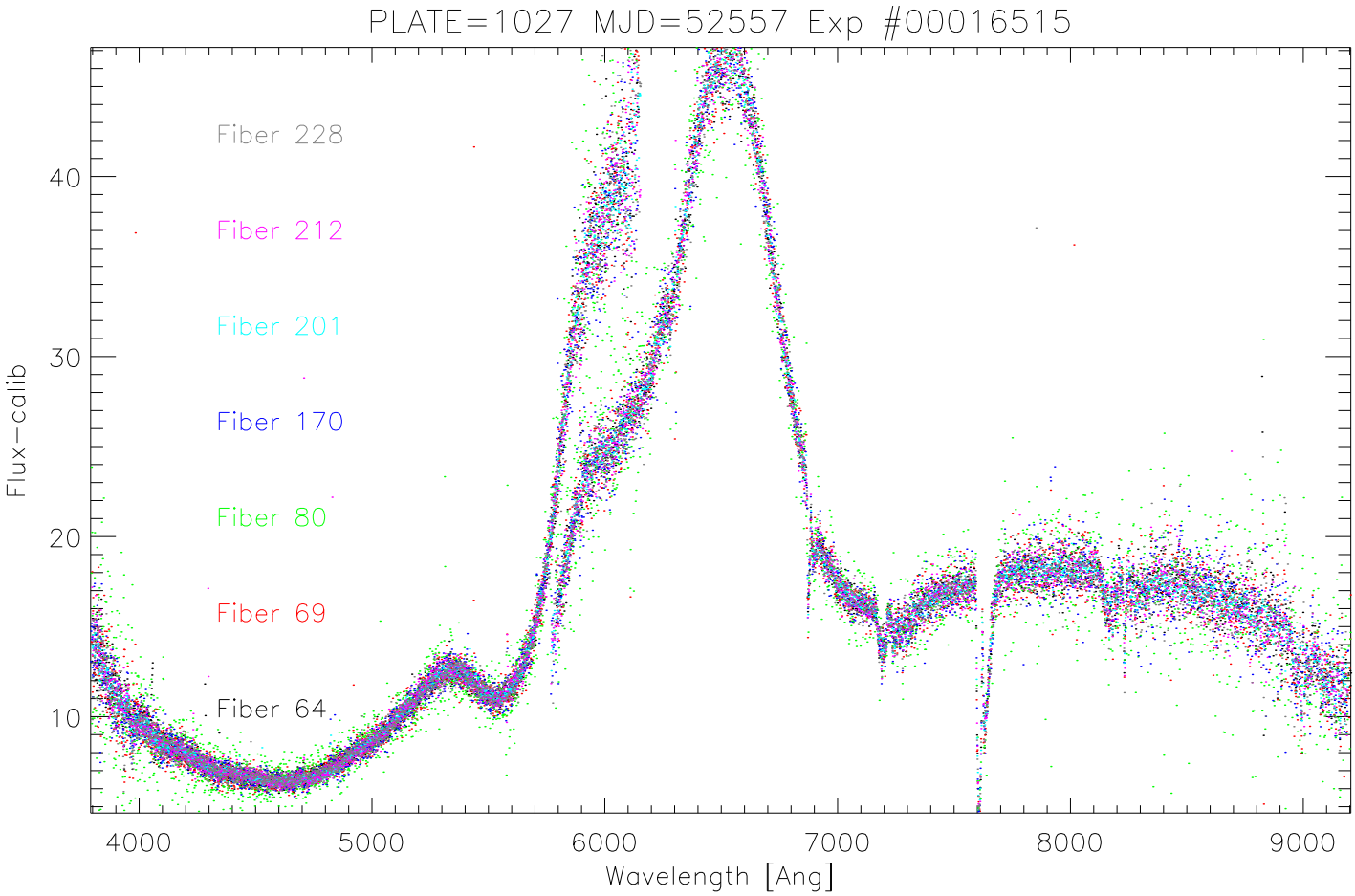

PLATE=1027 MJD=52557 Spectro-Photo Star Fiber 229
am10k2_6250_4.5.spc
Total χ^2/DOF= 0.92
Lines χ^2/DOF= 1.37
Fe/H=-1.0 T_{eff}= 6250. g=4.5 cz=-128.
Normalized Flux
Wavelength [Ang]


PLATE=1027 MJD=52557 Exp #00016473
Fiber 228
Fiber 212
Fiber 201
Fiber 170
Fiber 80
Fiber 69
Fiber 64
Flux−calib
10
20
30
40
4000
5000
6000
7000
8000
9000
Wavelength [Ang]


PLATE=1027 MJD=52557 Exp #00016474
Fiber 228
Fiber 212
Fiber 201
Fiber 170
Fiber 80
Fiber 69
Fiber 64
Flux−calib
10
20
30
40
4000
5000
6000
7000
8000
9000
Wavelength [Ang]


PLATE=1027 MJD=52557 Exp #00016475
Fiber 228
Fiber 212
Fiber 201
Fiber 170
Fiber 80
Fiber 69
Fiber 64
Flux−calib
10
20
30
40
4000
5000
6000
7000
8000
9000
Wavelength [Ang]


PLATE=1027 MJD=52557 Exp #00016476
Fiber 228
Fiber 212
Fiber 201
Fiber 170
Fiber 80
Fiber 69
Fiber 64
Flux−calib
10
20
30
40
4000
5000
6000
7000
8000
9000
Wavelength [Ang]


PLATE=1027 MJD=52557 Exp #00016515
Fiber 228
Fiber 212
Fiber 201
Fiber 170
Fiber 80
Fiber 69
Fiber 64
Flux−calib
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20
30
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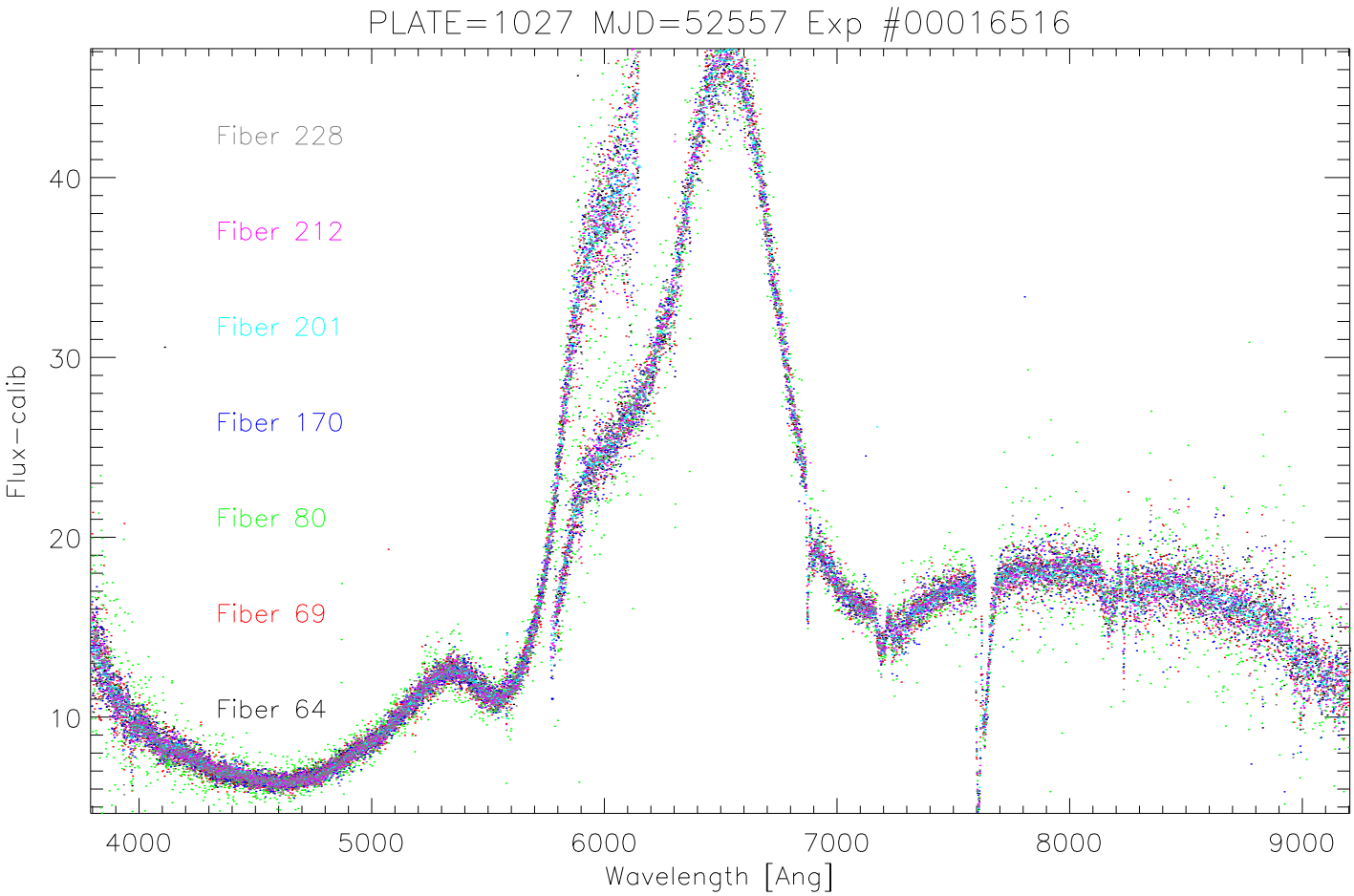
5000
6000
7000
8000
9000
Wavelength [Ang]


PLATE=1027 MJD=52557 Exp #00016516
Fiber 228
Fiber 212
Fiber 201
Fiber 170
Fiber 80
Fiber 69
Fiber 64
Flux−calib
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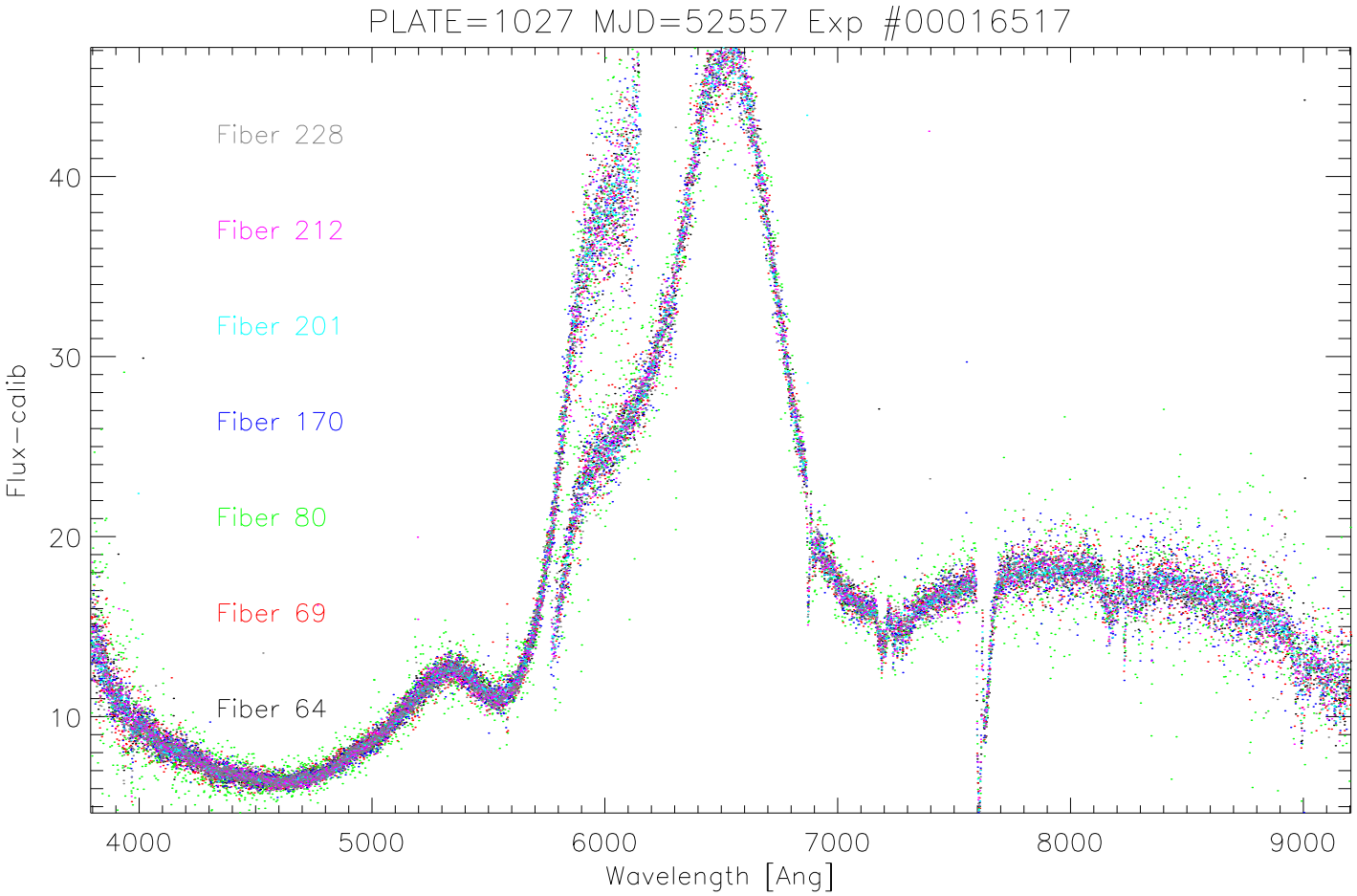
5000
6000
7000
8000
9000
Wavelength [Ang]


PLATE=1027 MJD=52557 Exp #00016517
Fiber 228
Fiber 212
Fiber 201
Fiber 170
Fiber 80
Fiber 69
Fiber 64
Flux−calib
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30
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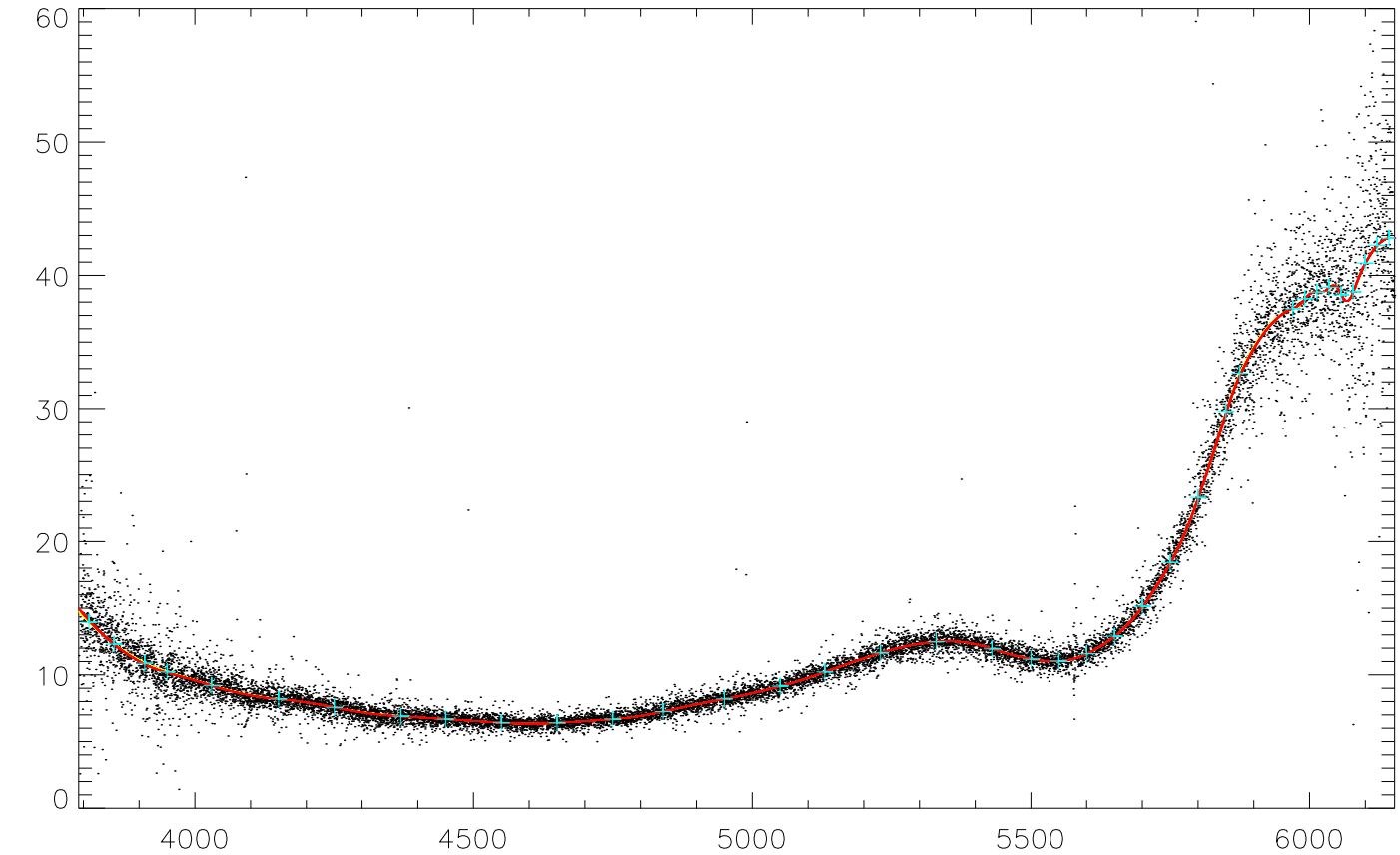
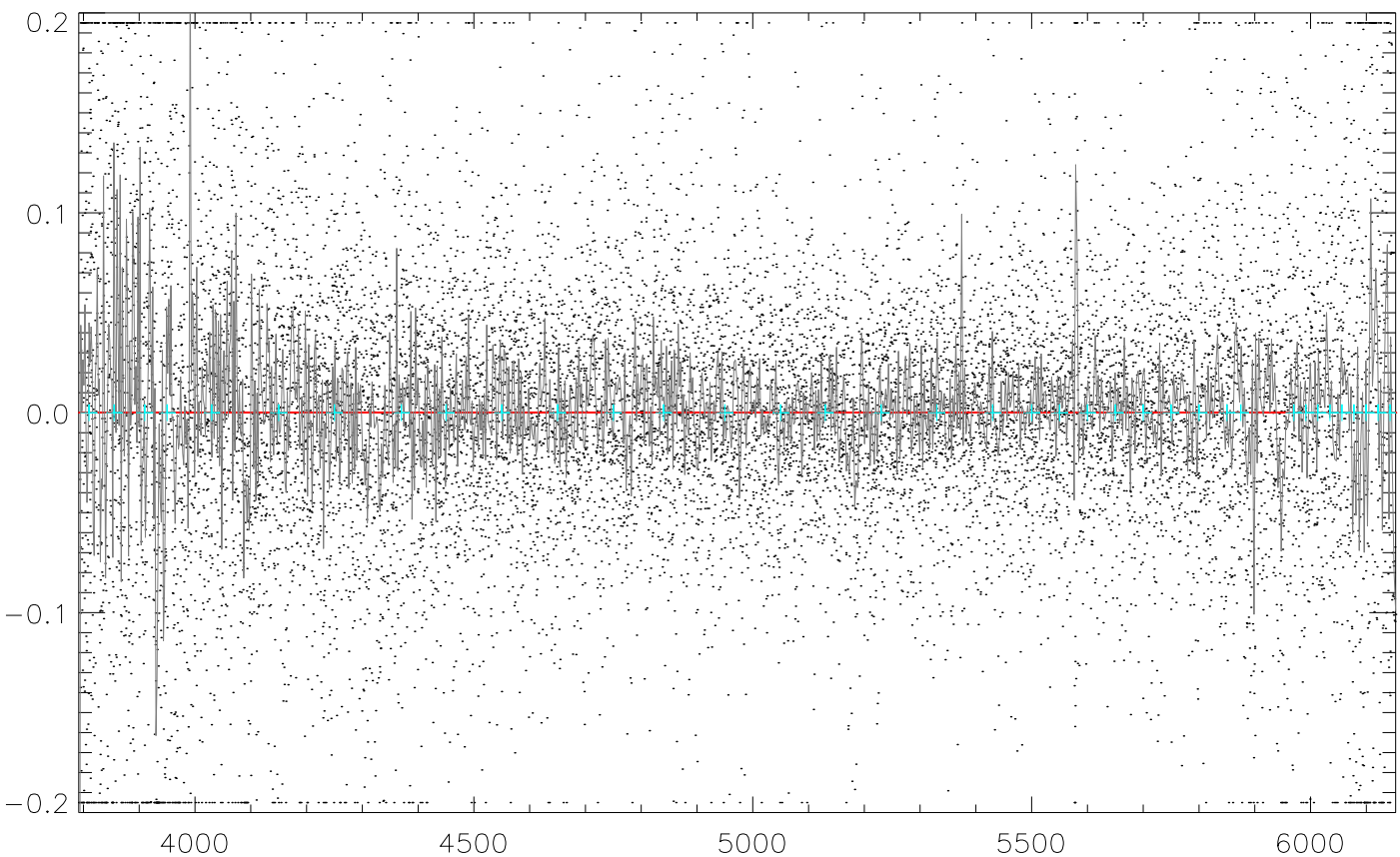
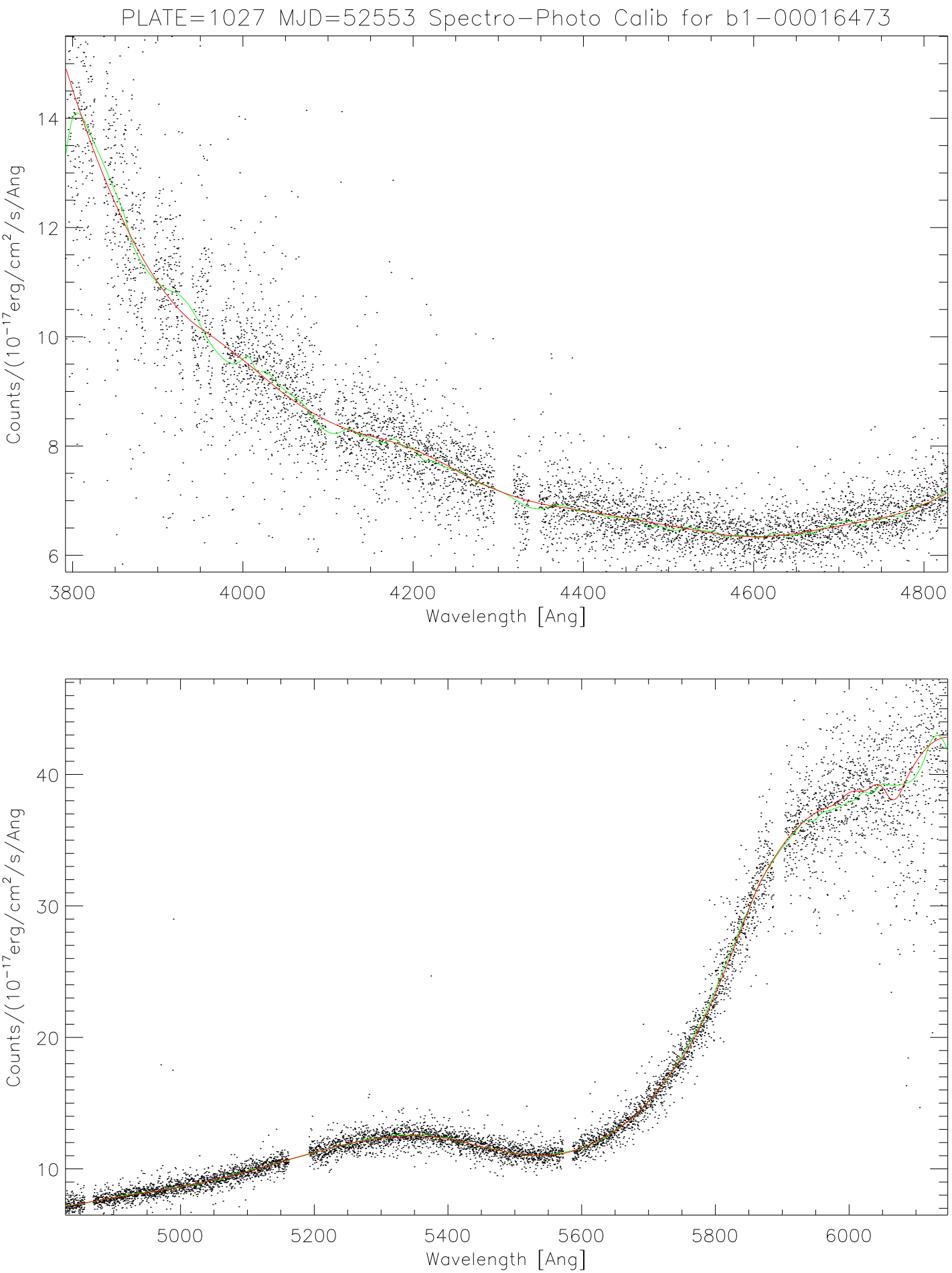
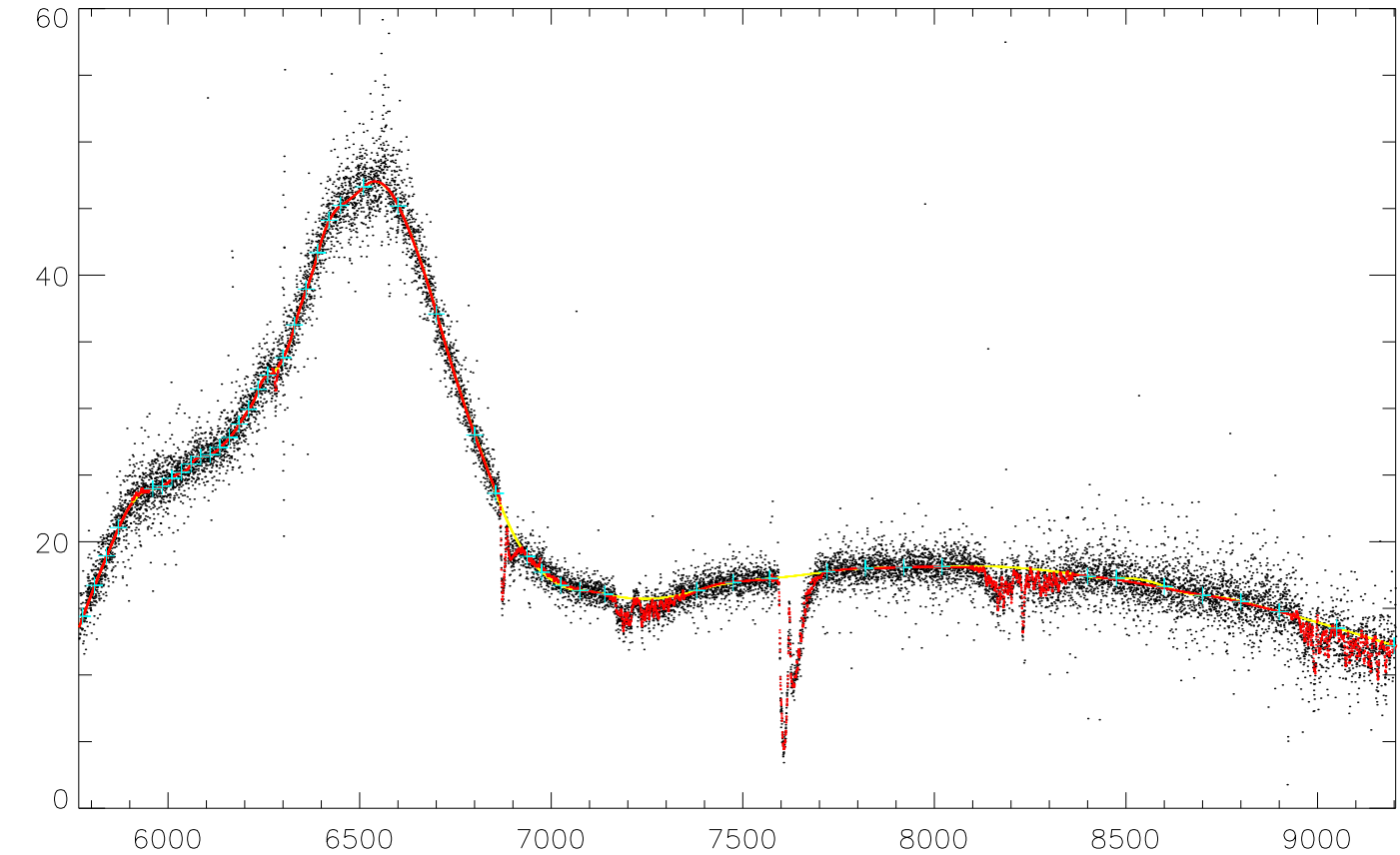
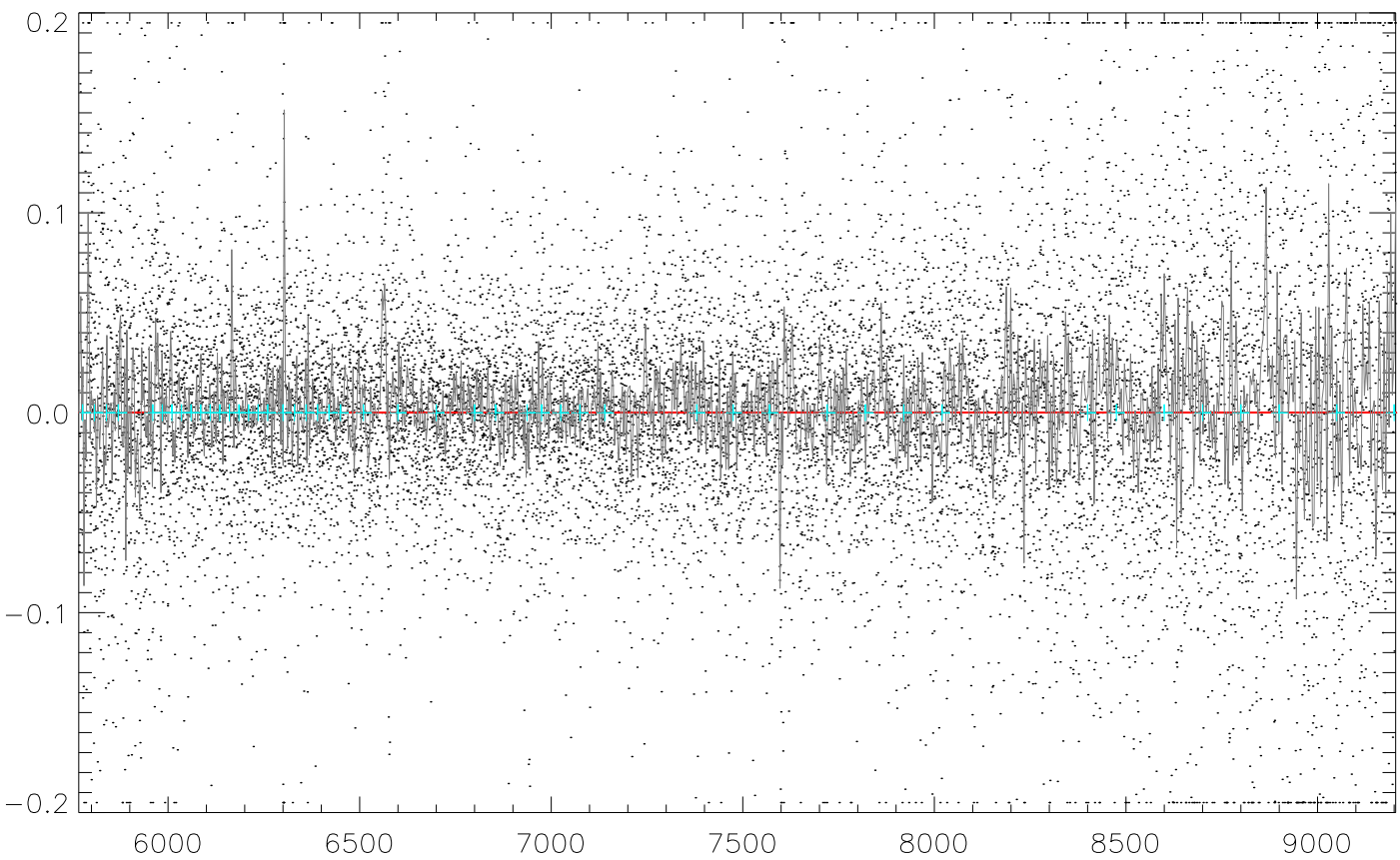
6000
7000
8000
9000
Wavelength [Ang]

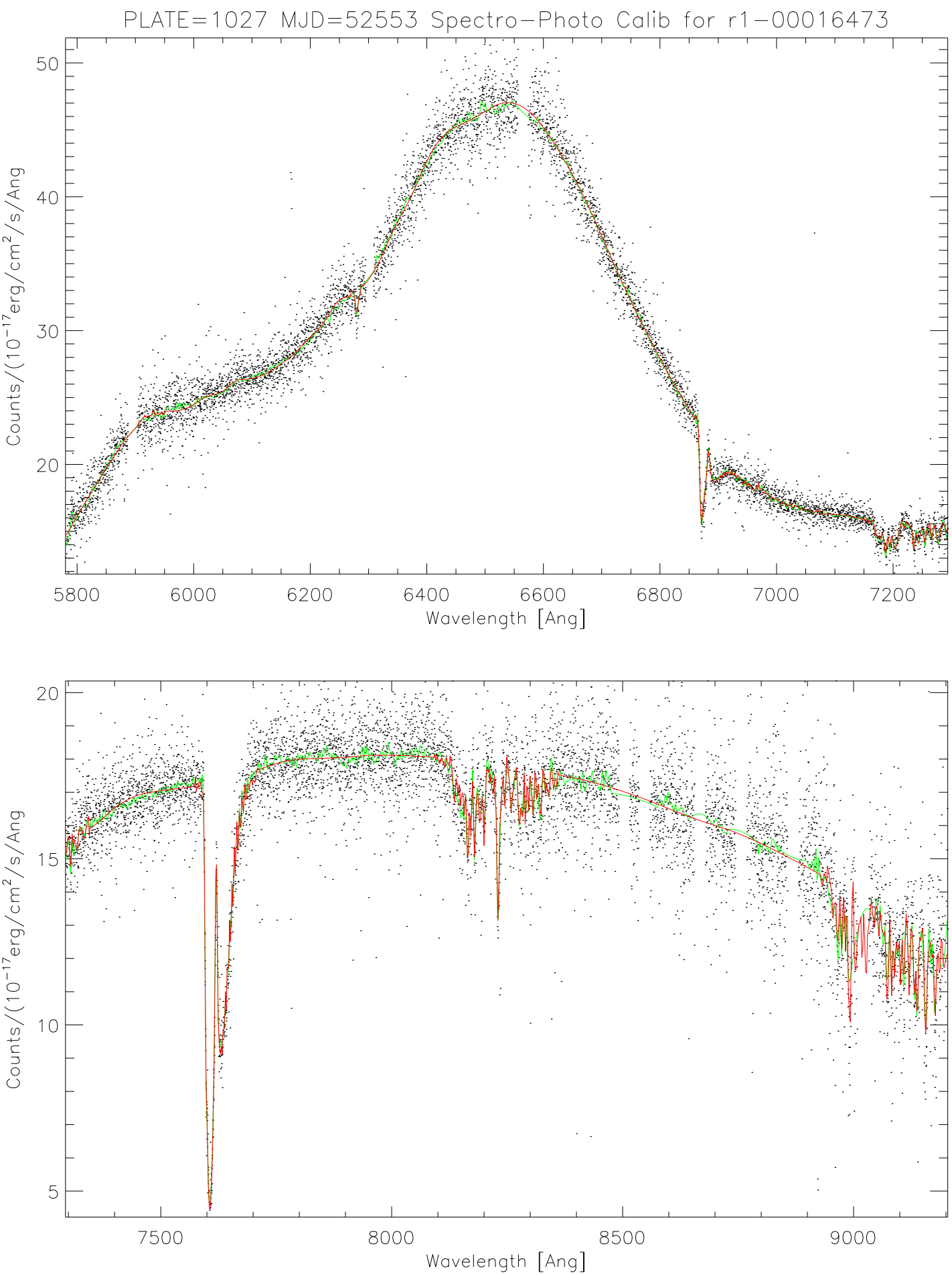

60
50
40
30
20
10
0
4000
4500
5000
5500
6000

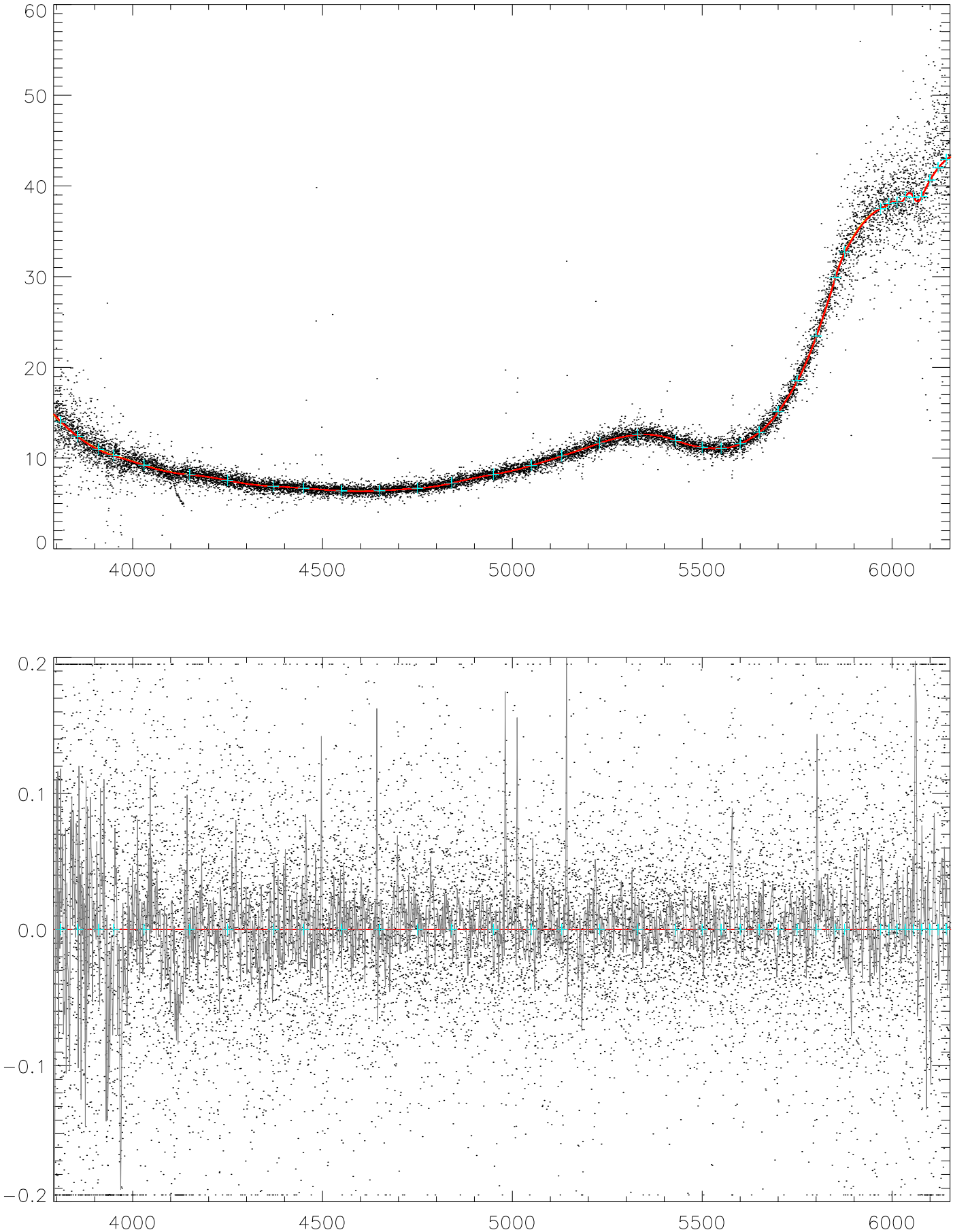

0.2
0.1
0.0
−0.1
−0.2
4000
4500
5000
5500
6000

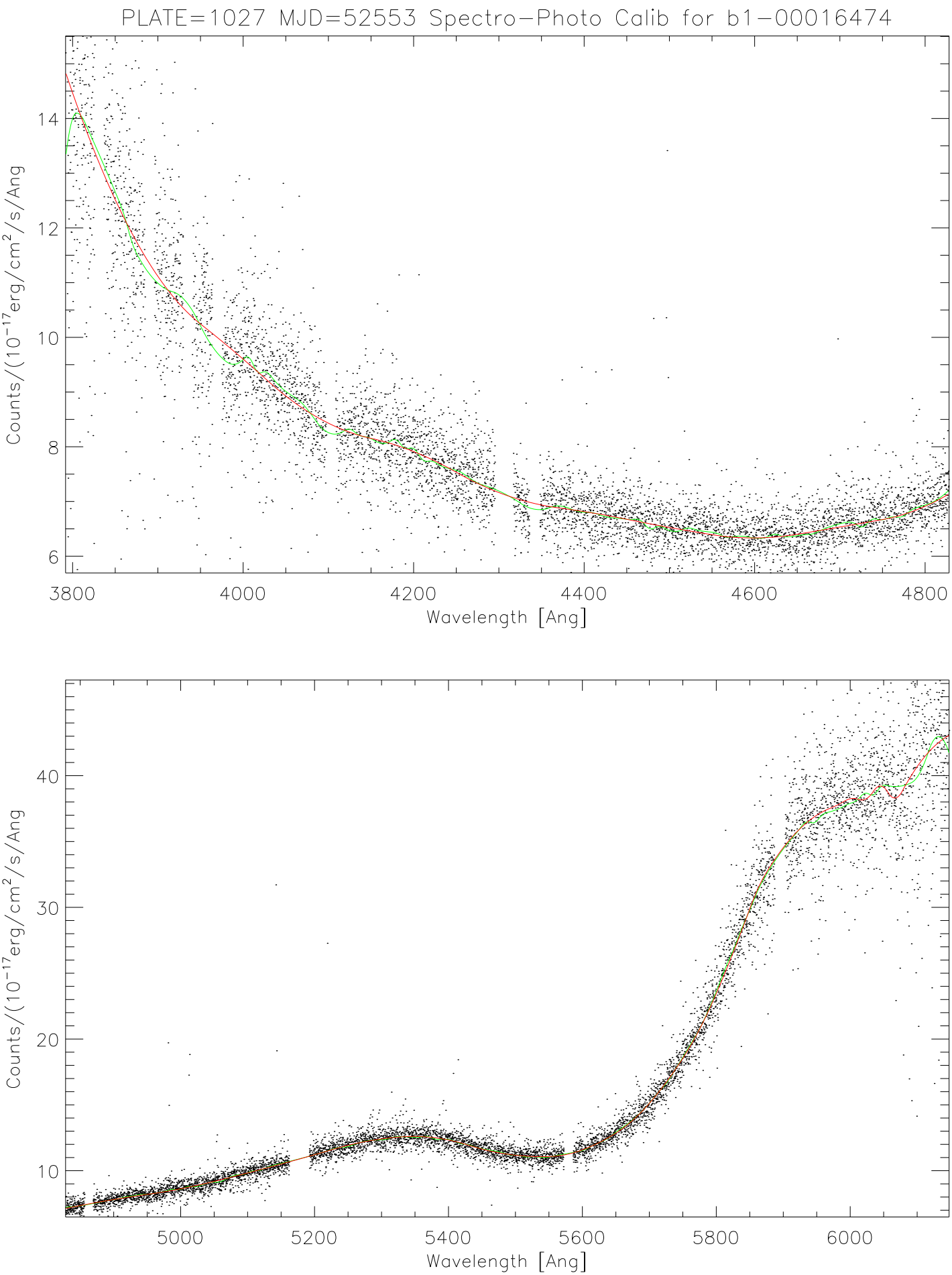

PLATE=1027 MJD=52553 Spectro−Photo Calib for b1−00016473
Counts/(10^-17 erg/cm^2/s/Ang
14
12
10
8
6
3800
4000
4200
4400
4600
4800
Wavelength [Ang]
Counts/(10^-17 erg/cm^2/s/Ang
40
30
20
10
5000
5200
5400
5600
5800
6000
Wavelength [Ang]

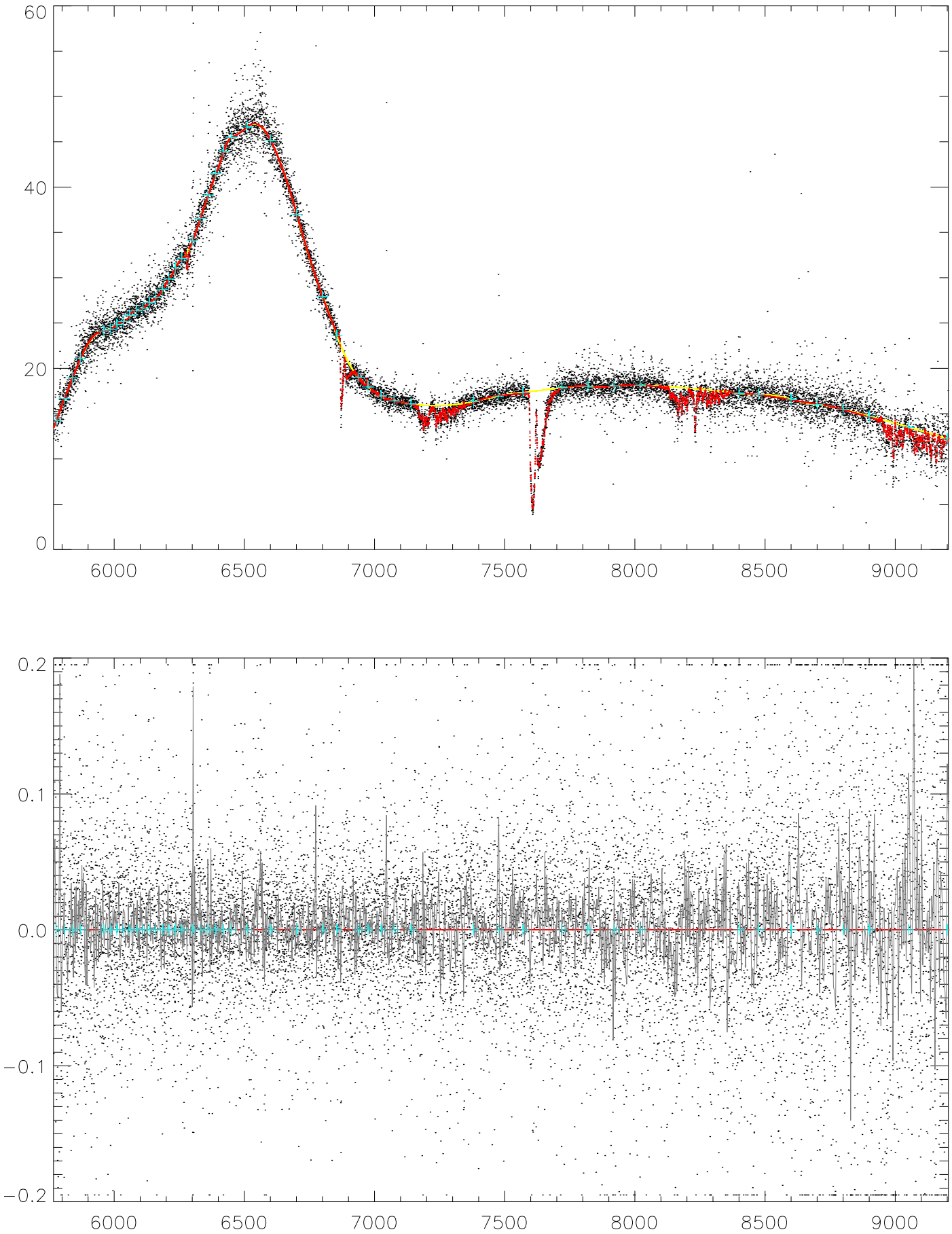

60
40
20
0
6000
6500
7000
7500
8000
8500
9000

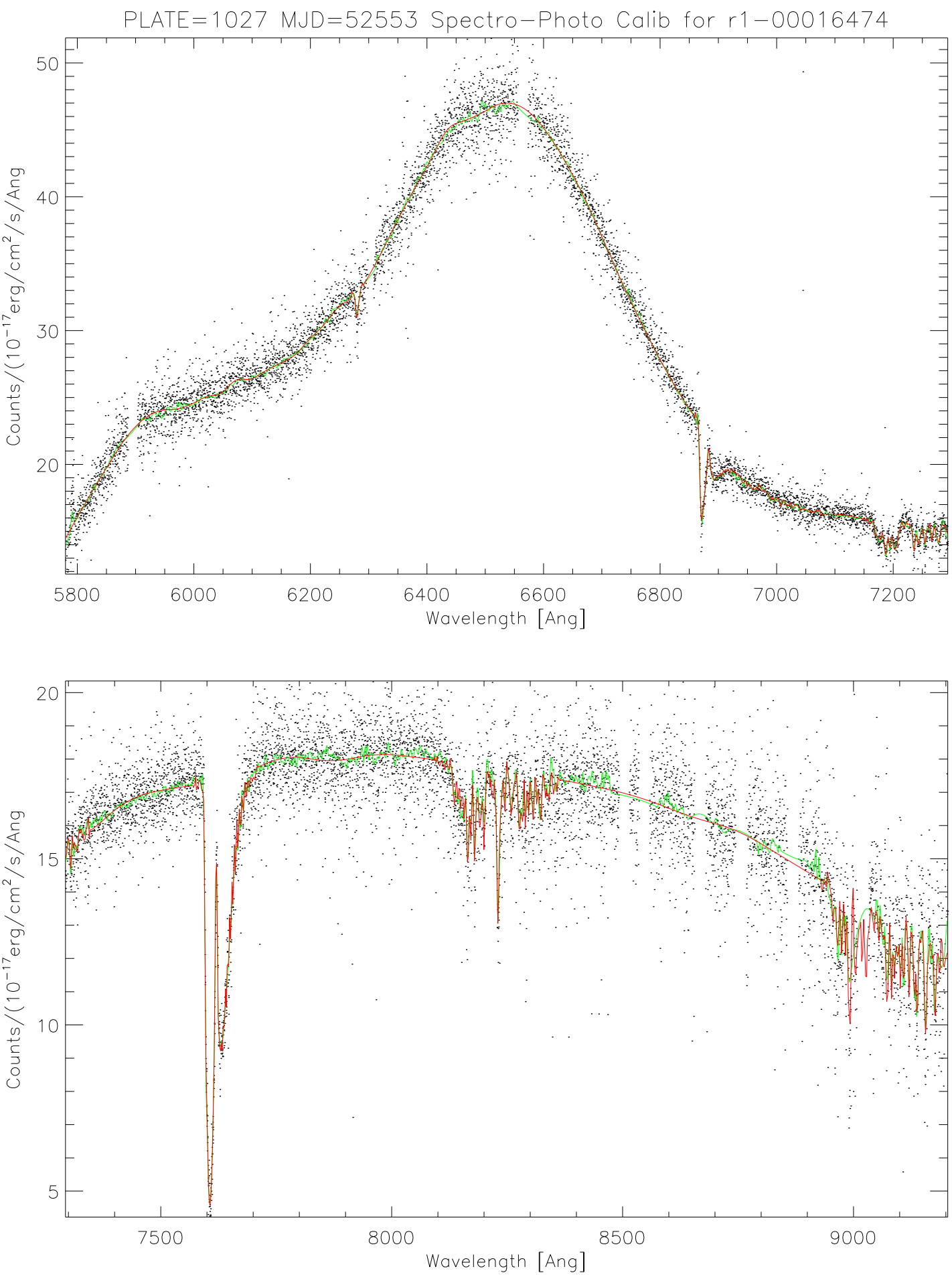

0.2
0.1
0.0
−0.1
−0.2
6000
6500
7000
7500
8000
8500
9000

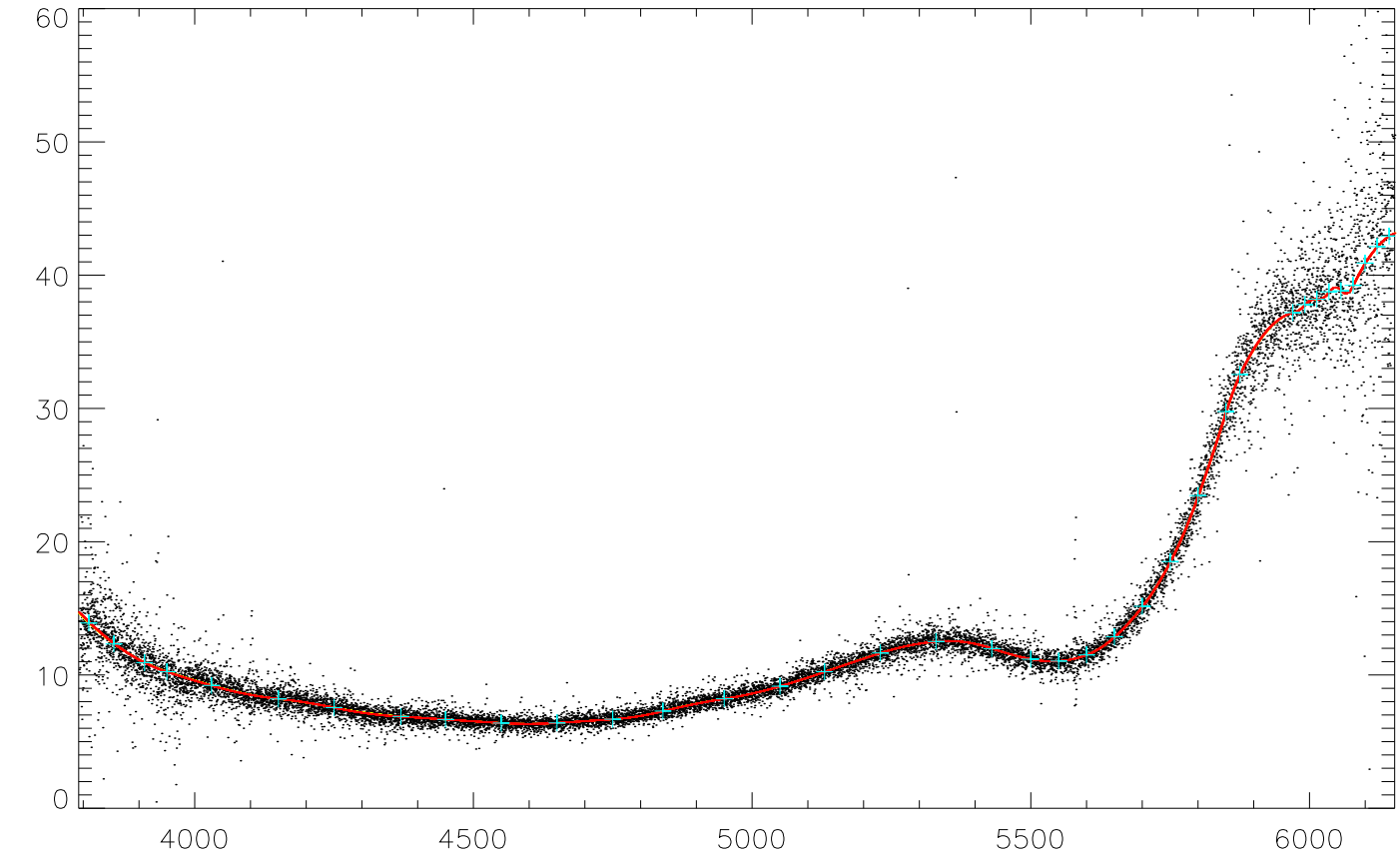

PLATE=1027 MJD=52553 Spectro−Photo Calib for r1−00016473
Counts/(10^-17 erg/cm^2/s/Ang
50
40
30
20
5800
6000
6200
6400
6600
6800
7000
7200
Wavelength [Ang]
Counts/(10^-17 erg/cm^2/s/Ang
20
15
10
5
7500
8000
8500
9000
Wavelength [Ang]

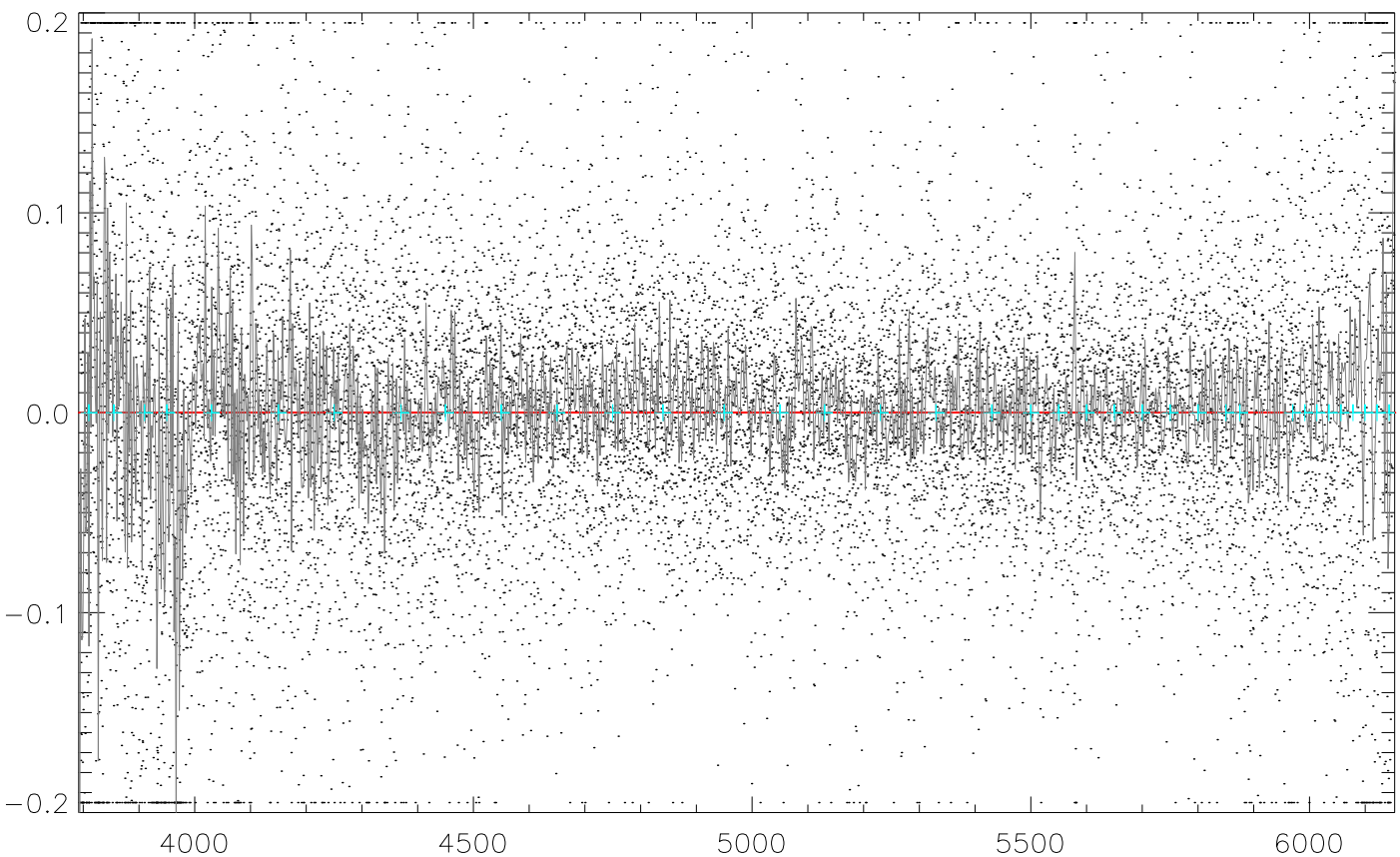

60
50
40
30
20
10
0
4000
4500
5000
5500
6000
0.2
0.1
0.0
−0.1
−0.2
4000
4500
5000
5500
6000

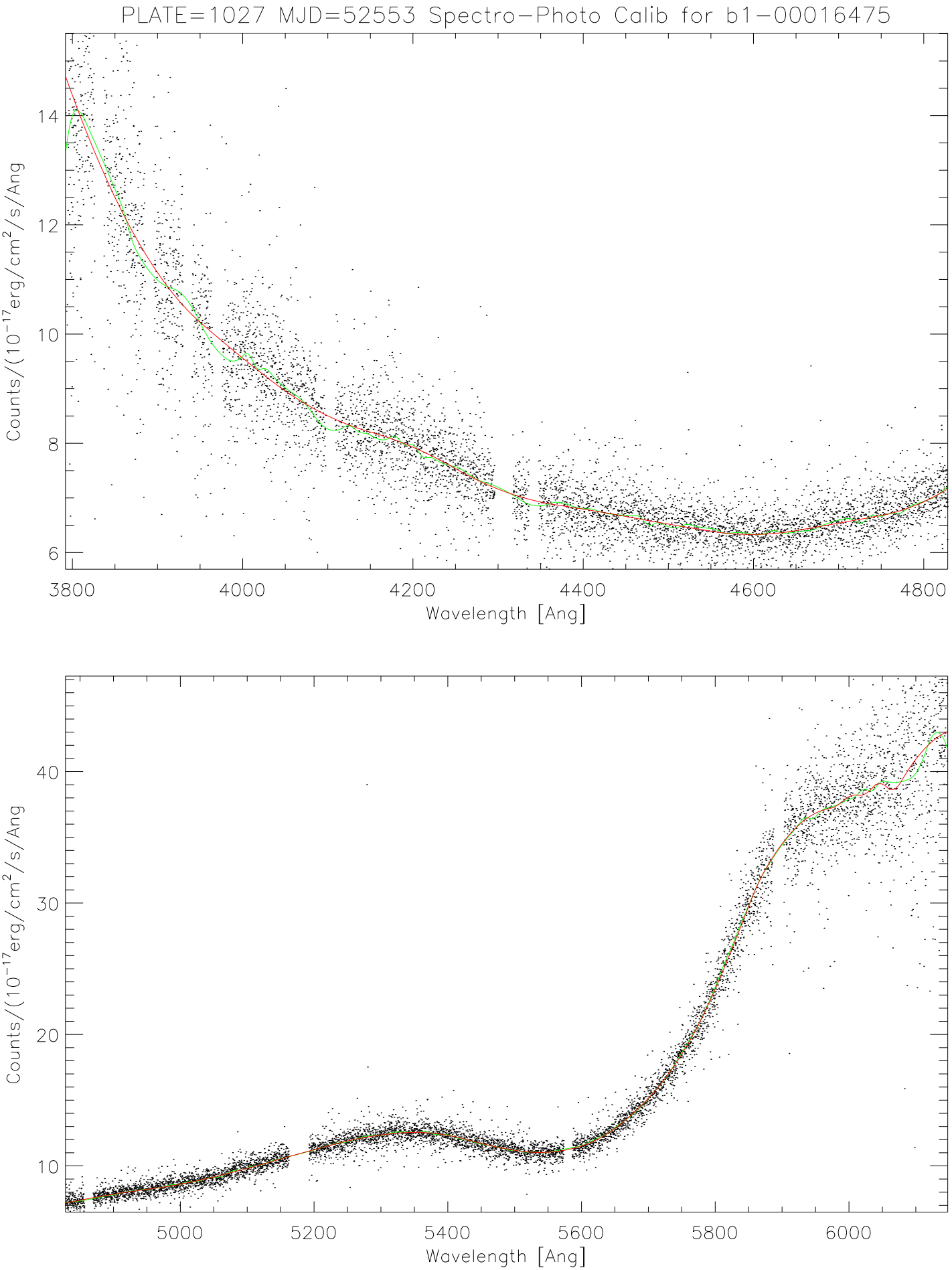

PLATE=1027 MJD=52553 Spectro−Photo Calib for b1−00016474
Counts/(10^-17 erg/cm^2/s/Ang
14
12
10
8
6
3800
4000
4200
4400
4600
4800
Wavelength [Ang]
Counts/(10^-17 erg/cm^2/s/Ang
40
30
20
10
5000
5200
5400
5600
5800
6000
Wavelength [Ang]

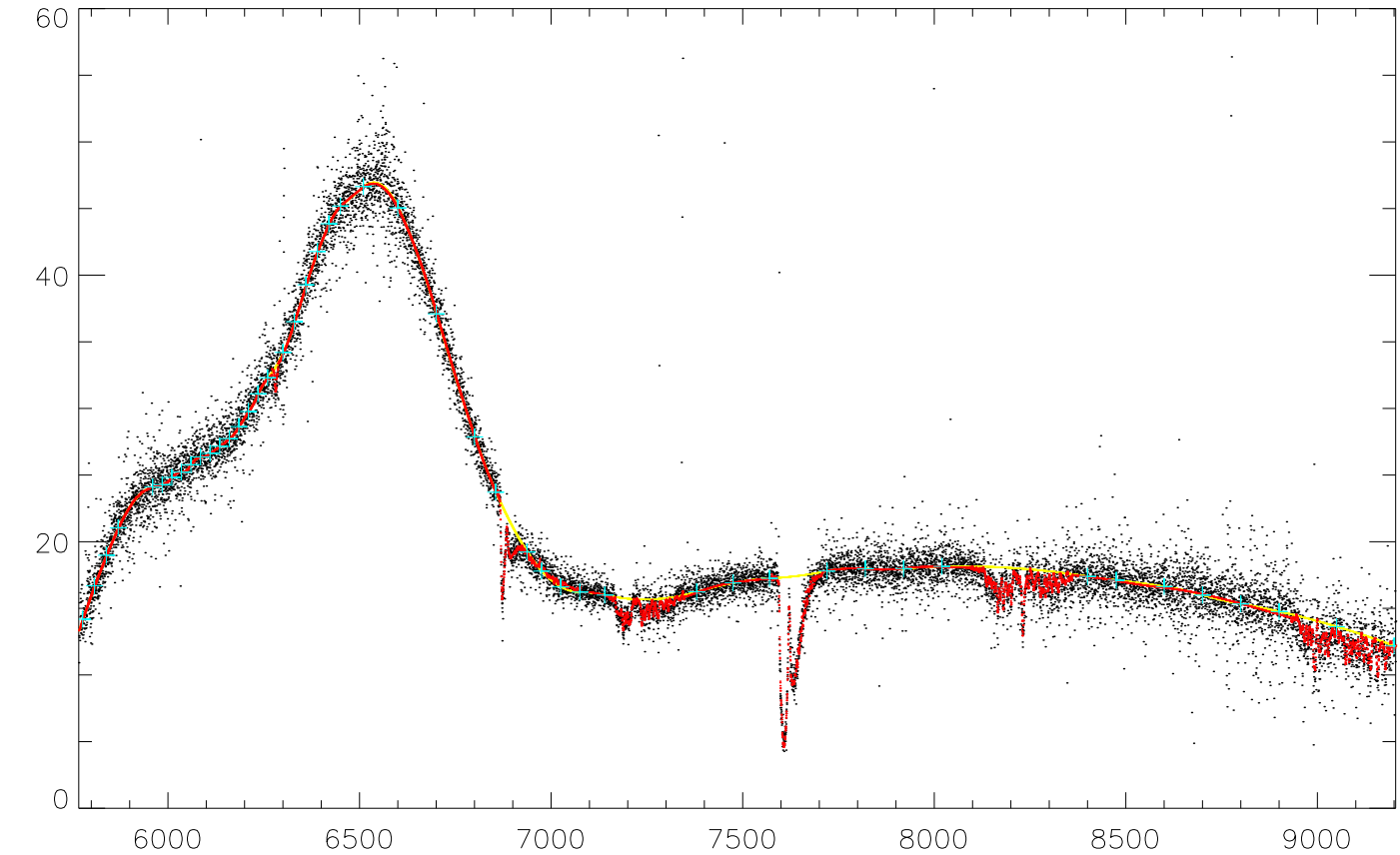

60
40
20
0
6000
6500
7000
7500
8000
8500
9000
0.2
0.1
0.0
−0.1
−0.2
6000
6500
7000
7500
8000
8500
9000

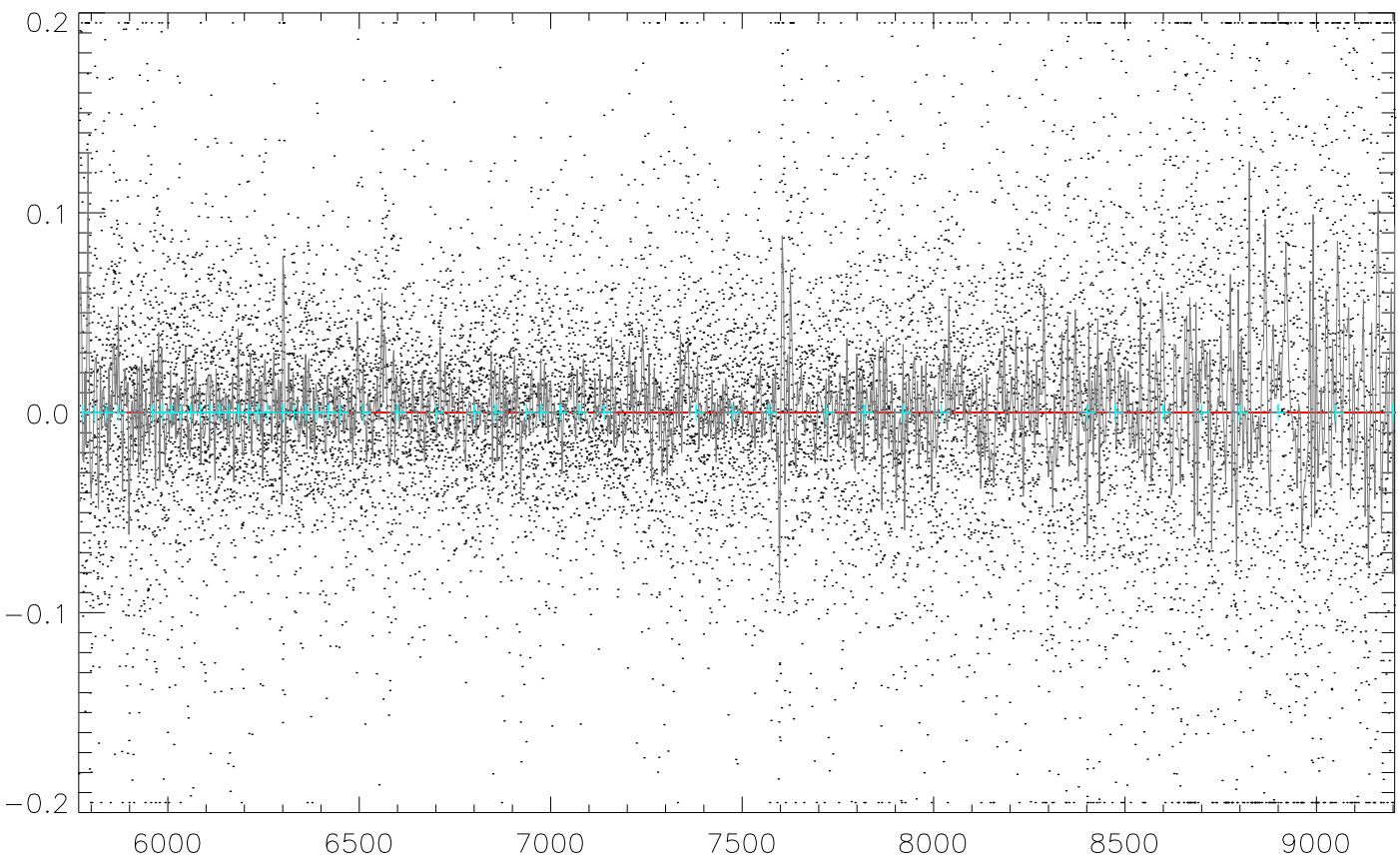

PLATE=1027 MJD=52553 Spectro−Photo Calib for r1−00016474
Counts/(10^-17erg/cm^2/s/Ang
Wavelength [Ang]
5800
6000
6200
6400
6600
6800
7000
7200
20
30
40
50
Counts/(10^-17erg/cm^2/s/Ang
Wavelength [Ang]
7500
8000
8500
9000
5
10
15
20

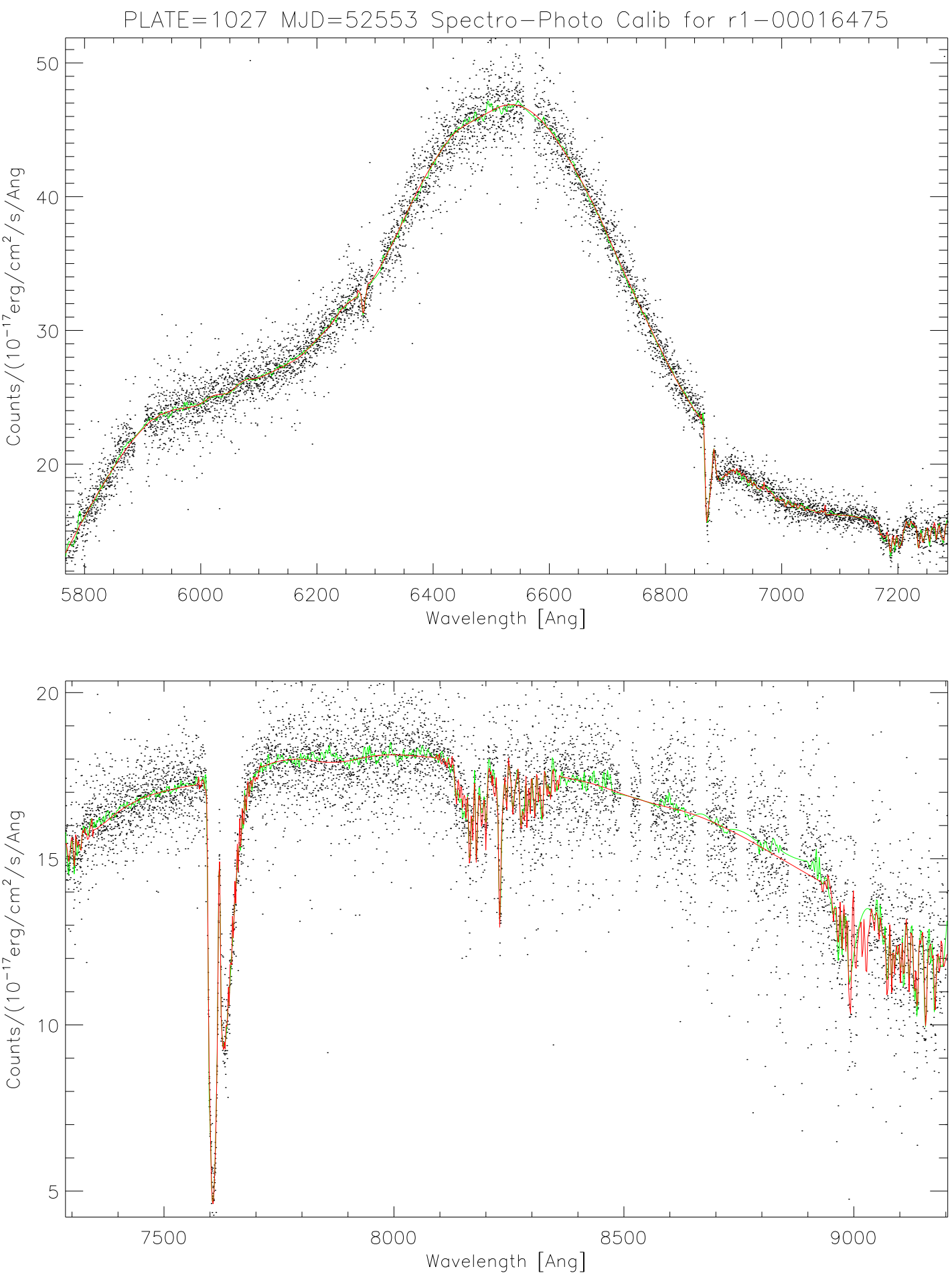

60
50
40
30
20
10
0
4000
4500
5000
5500
6000

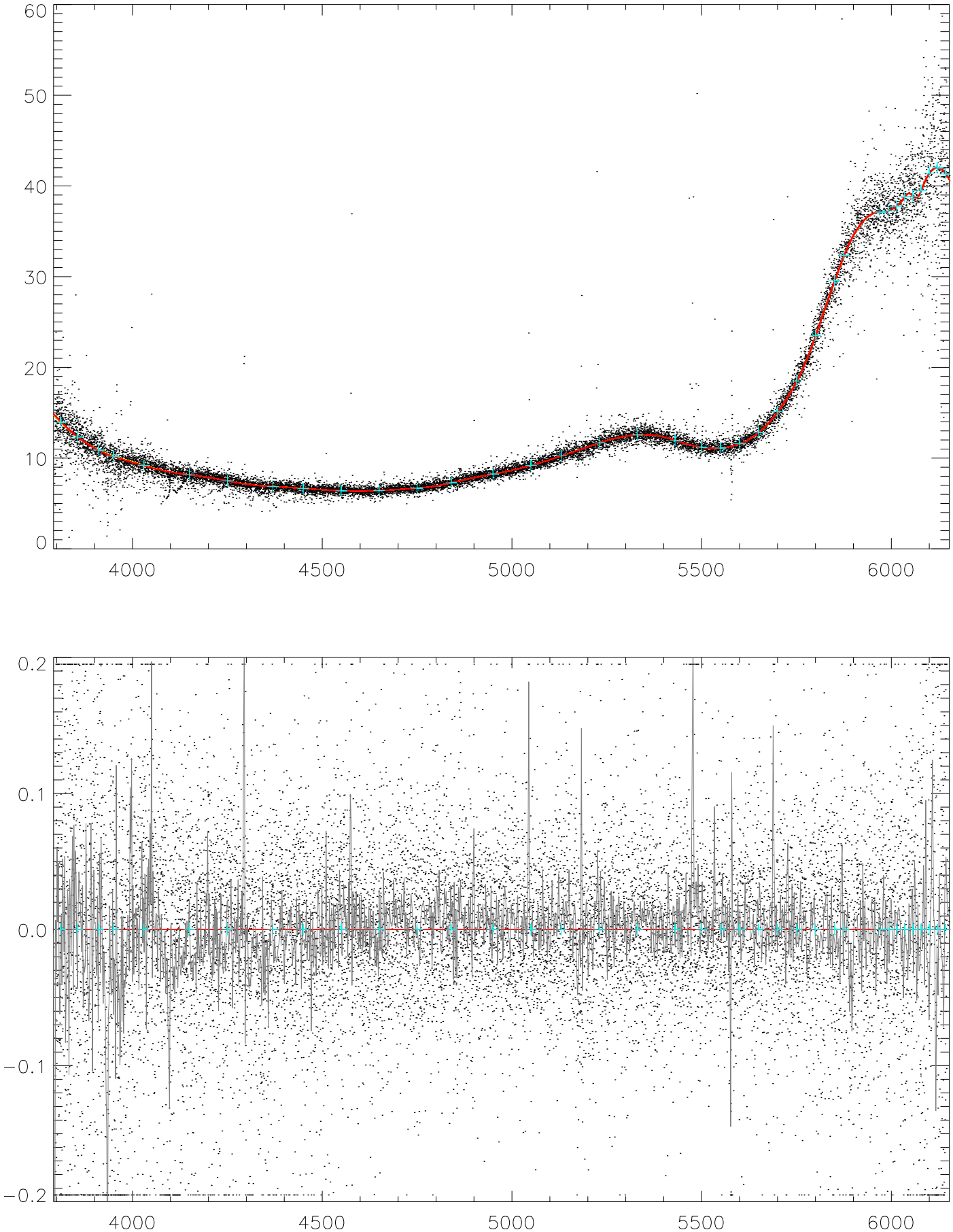

0.2
0.1
0.0
−0.1
−0.2
4000
4500
5000
5500
6000

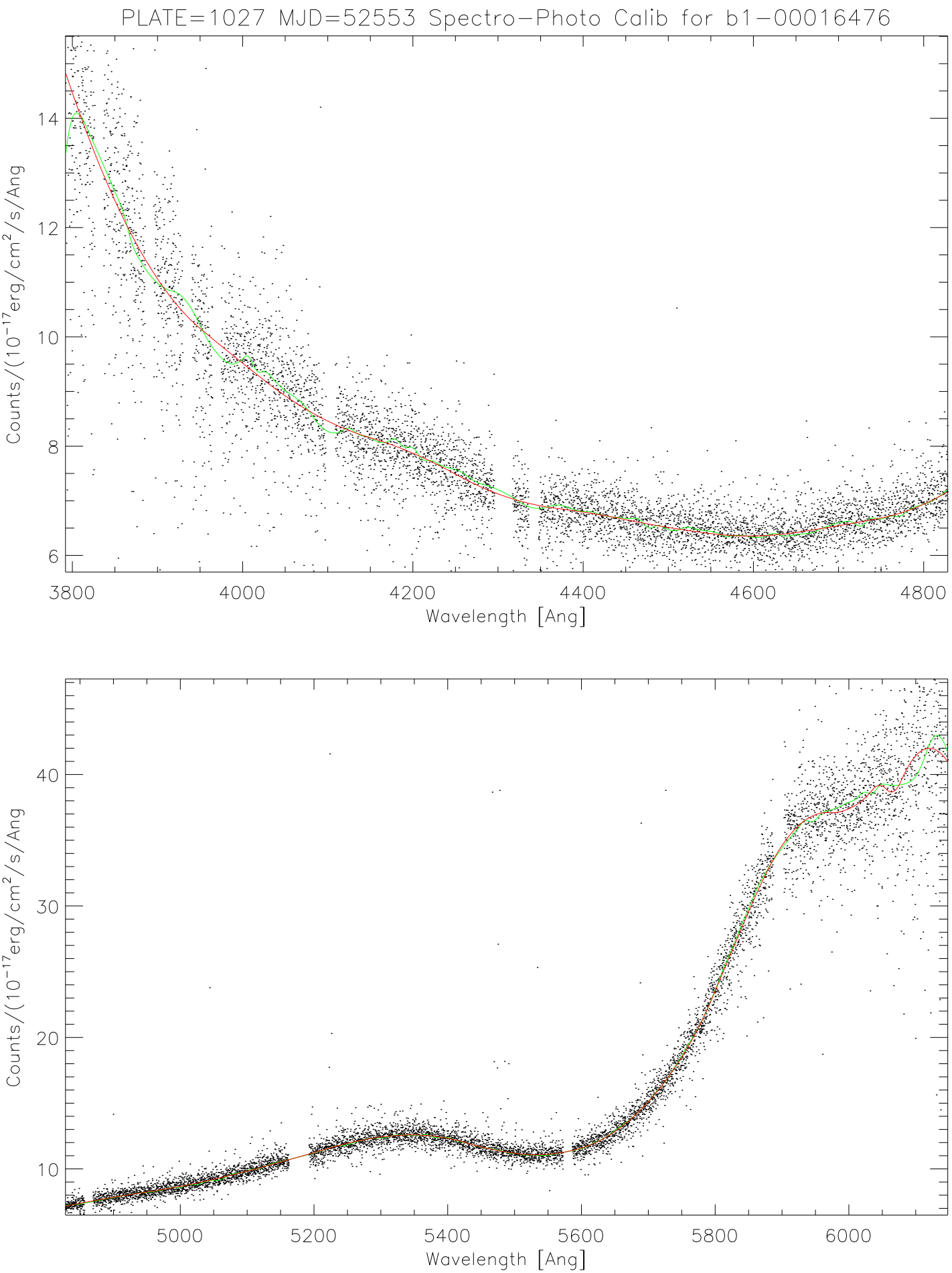

PLATE=1027 MJD=52553 Spectro−Photo Calib for b1−00016475
Counts/(10^-17 erg/cm^2/s/Ang
14
12
10
8
6
3800
4000
4200
4400
4600
4800
Wavelength [Ang]
Counts/(10^-17 erg/cm^2/s/Ang
40
30
20
10
5000
5200
5400
5600
5800
6000
Wavelength [Ang]

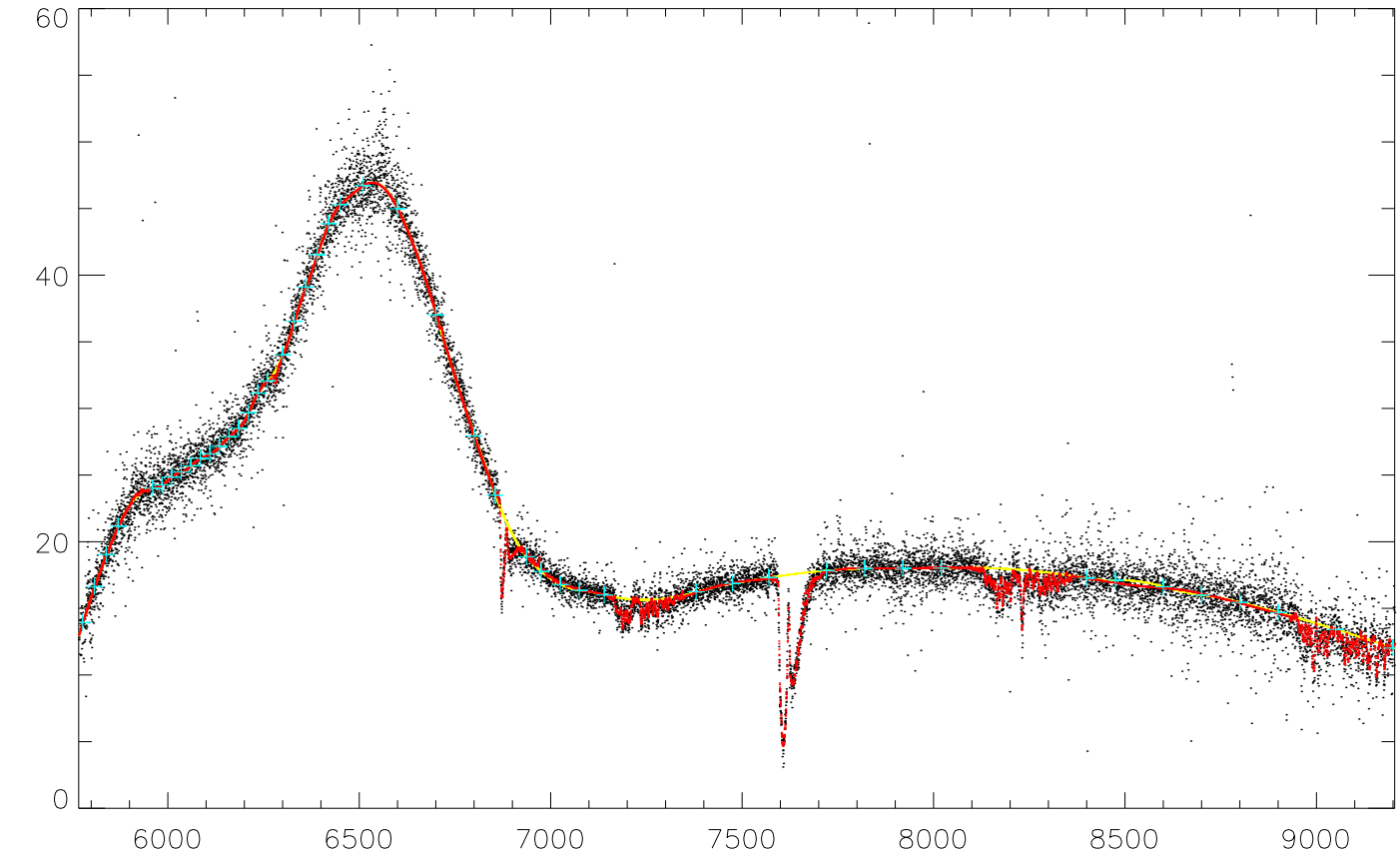

60
40
20
0
6000
6500
7000
7500
8000
8500
9000

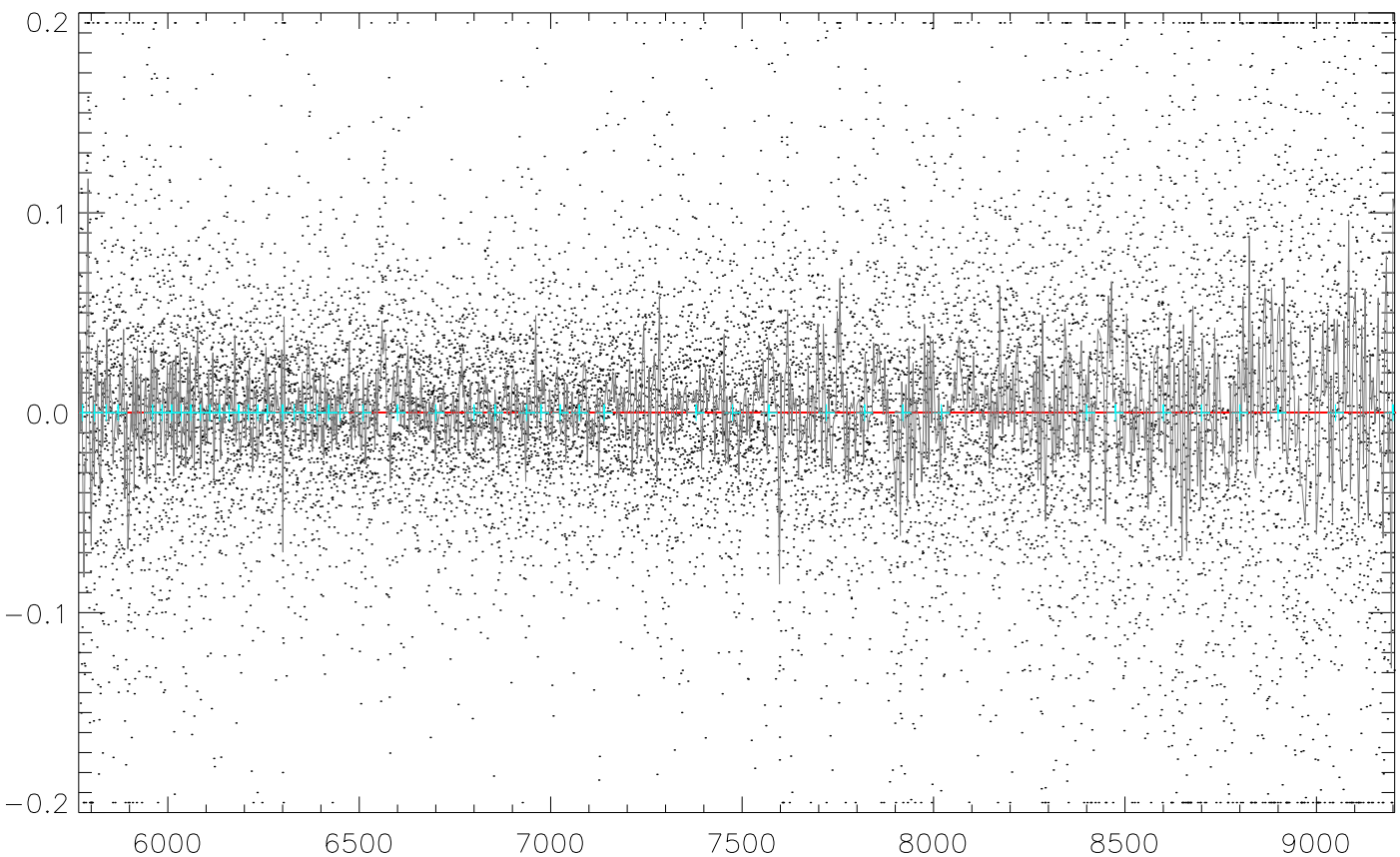

0.2
0.1
0.0
−0.1
−0.2
6000
6500
7000
7500
8000
8500
9000

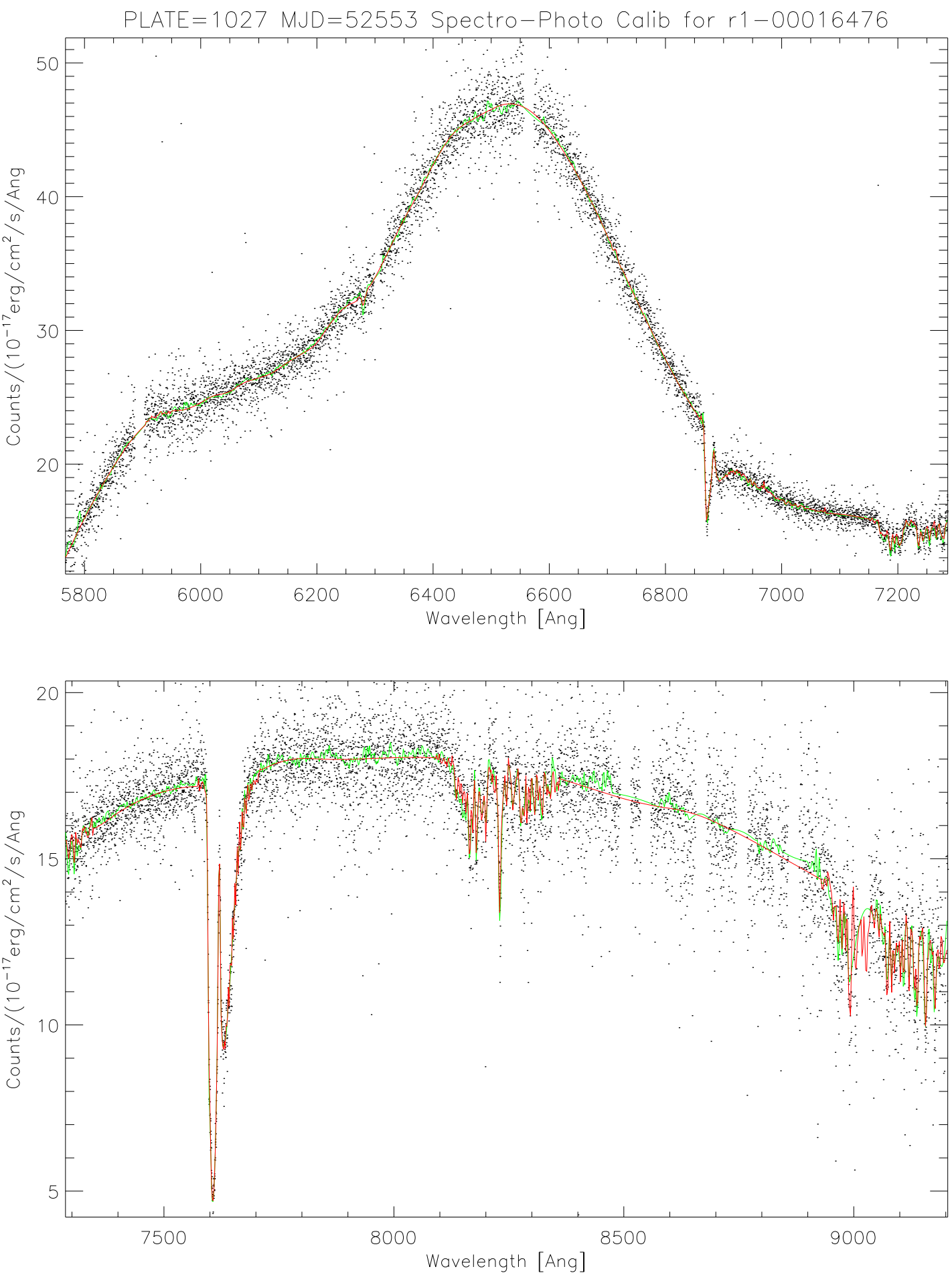

PLATE=1027 MJD=52553 Spectro−Photo Calib for r1−00016475
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
50
40
30
20
5800
6000
6200
6400
6600
6800
7000
7200
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
20
15
10
5
7500
8000
8500
9000

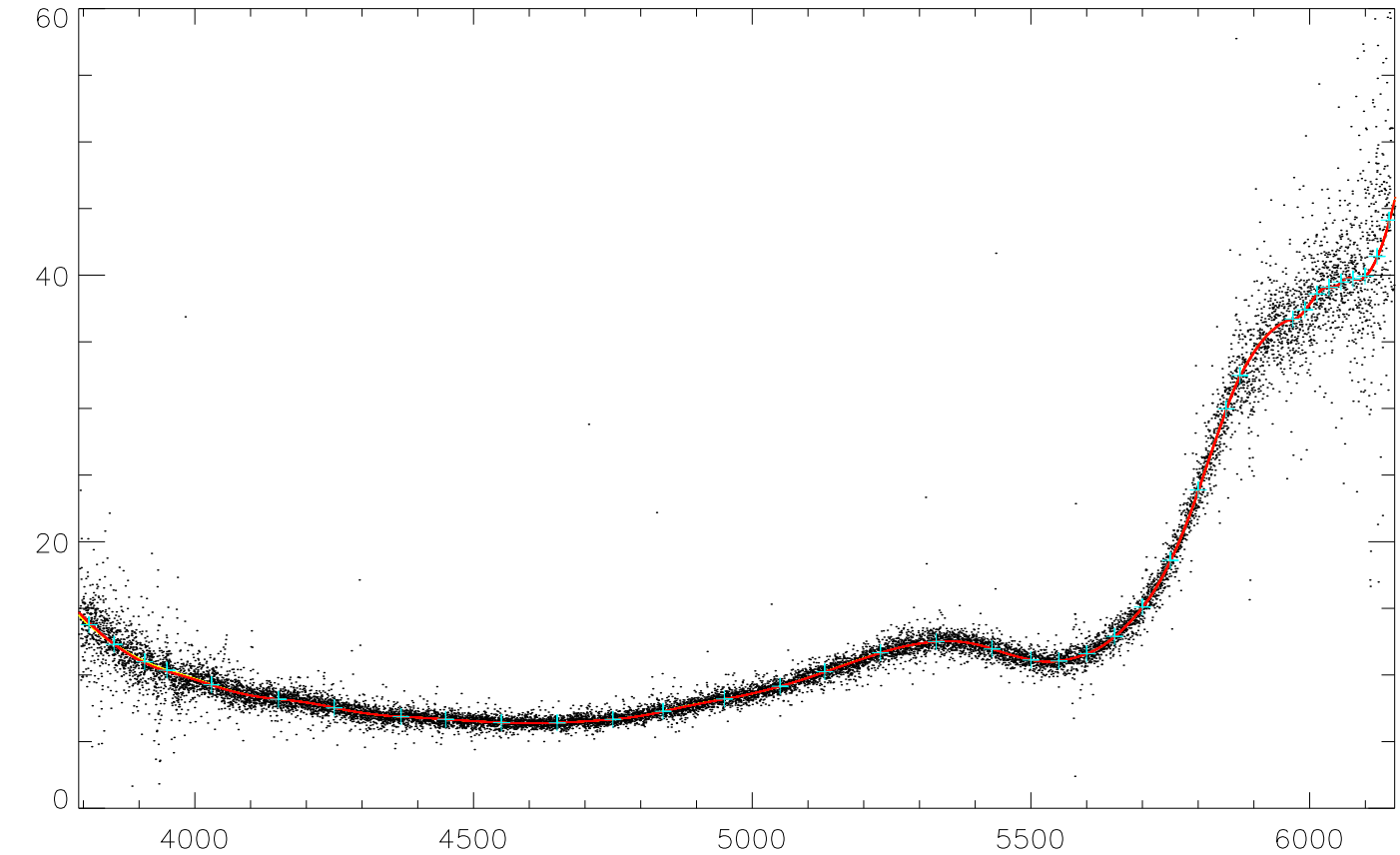

60
50
40
30
20
10
0
4000
4500
5000
5500
6000
0.2
0.1
0.0
−0.1
−0.2
4000
4500
5000
5500
6000


PLATE=1027 MJD=52553 Spectro−Photo Calib for b1−00016476
Counts/(10^-17 erg/cm^2/s/Ang
14
12
10
8
6
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]


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=1027 MJD=52553 Spectro−Photo Calib for r1−00016476
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
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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20
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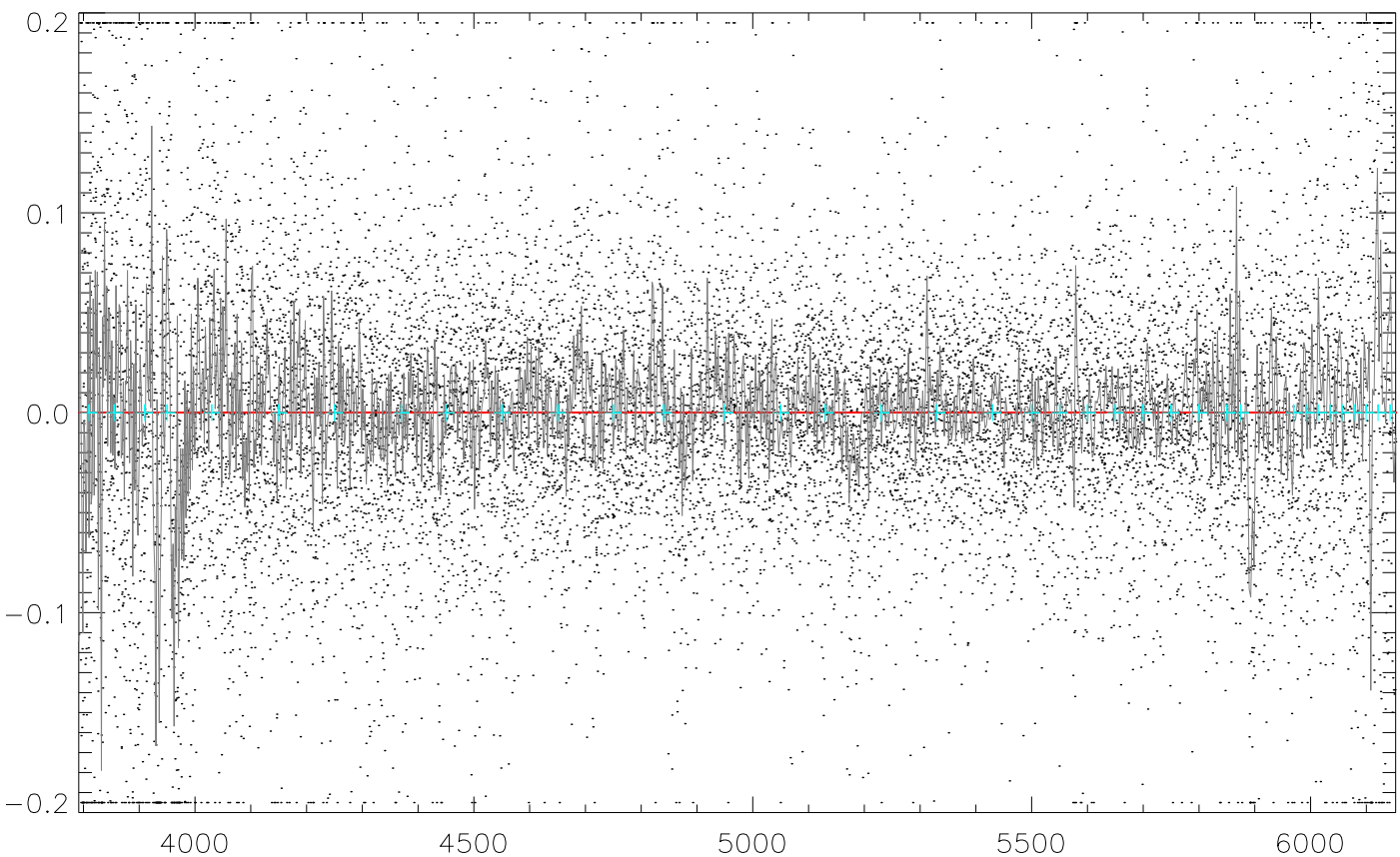
4500
5000
5500
6000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0.1
0.0
−0.1
−0.2
4000
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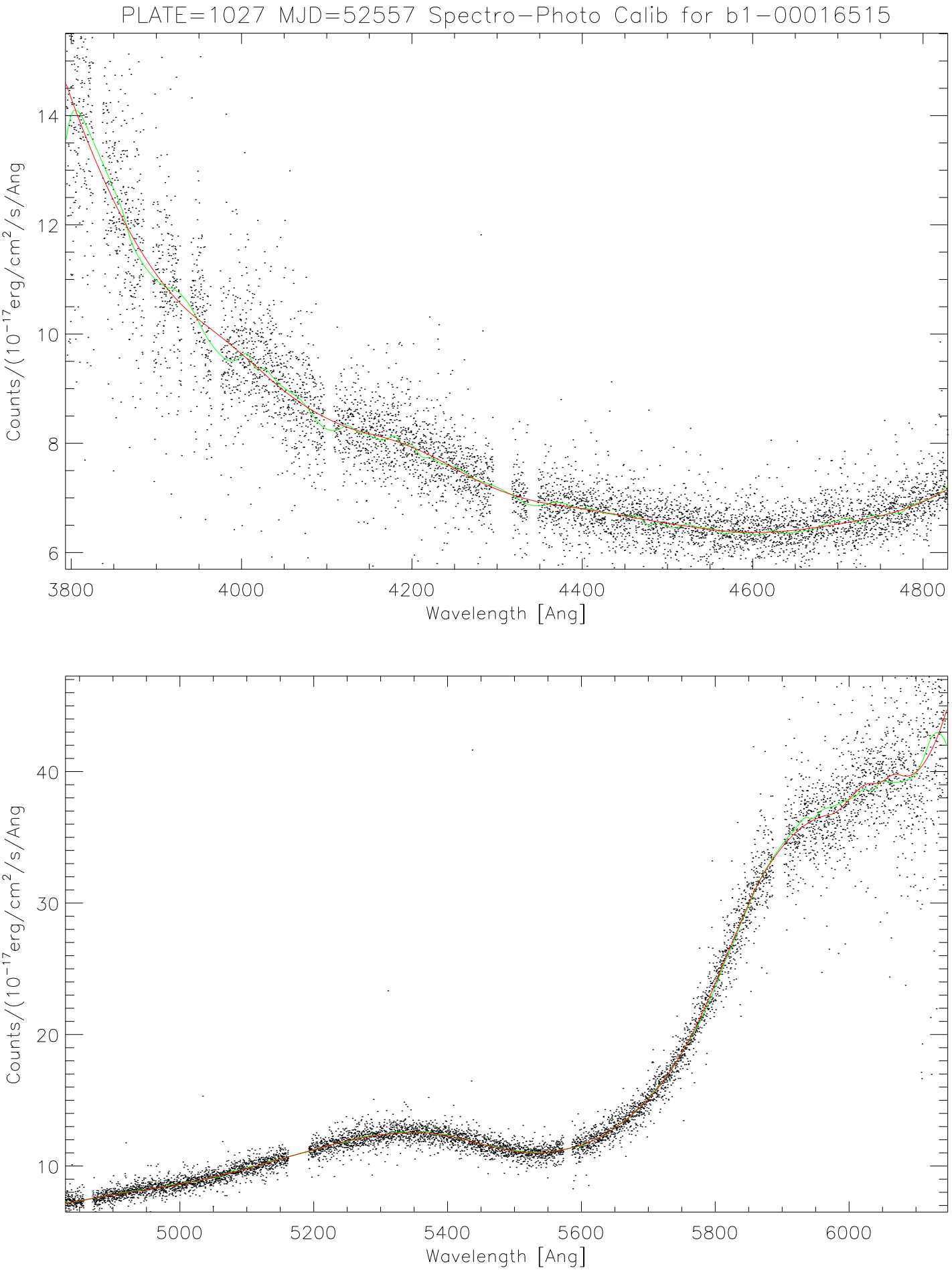
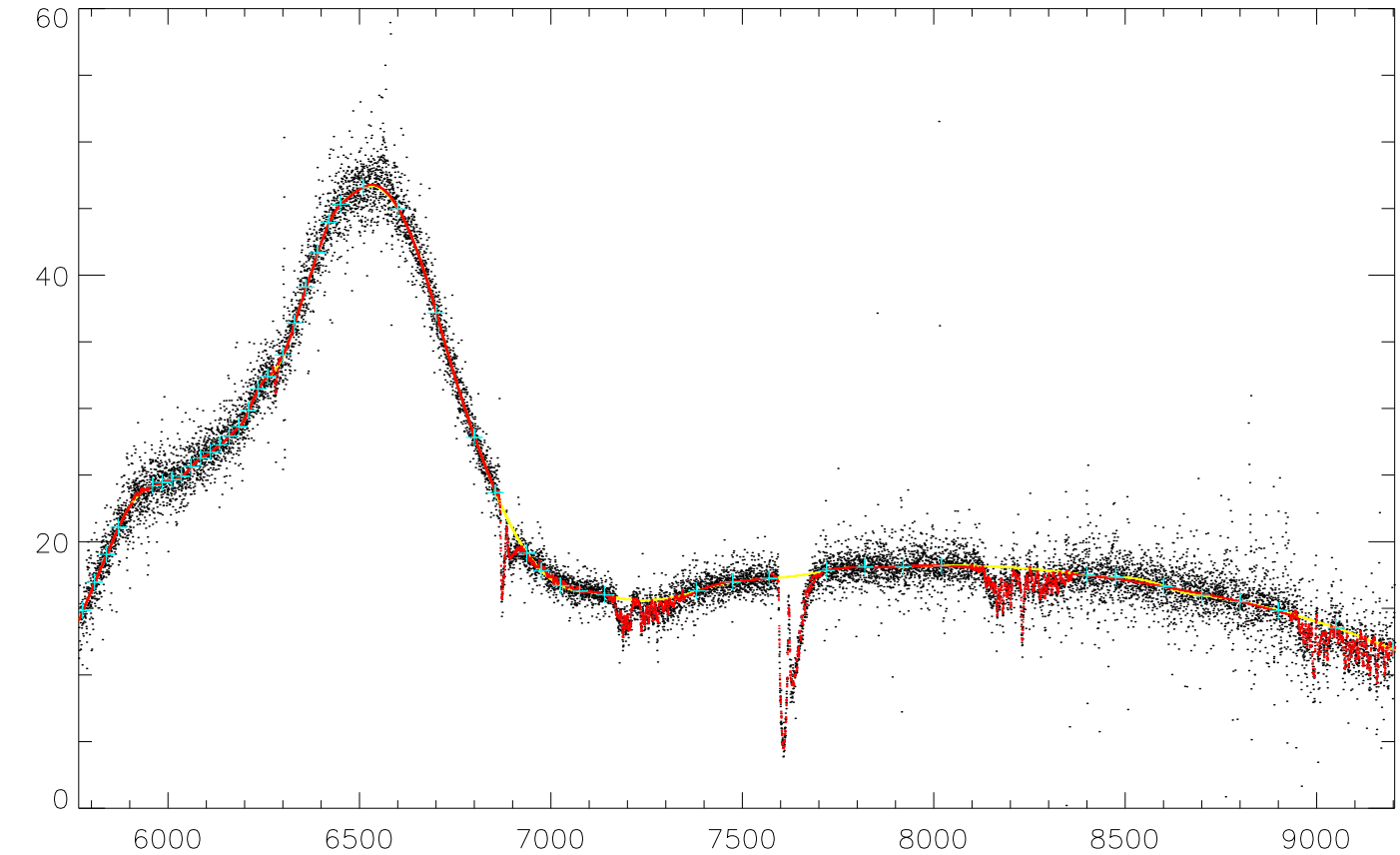
5000
5500
6000


PLATE=1027 MJD=52557 Spectro−Photo Calib for b1−00016515
Counts/(10^-17erg/cm^2/s/Ang
14
12
10
8
6
3800
4000
4200
4400
4600
4800
Wavelength [Ang]
Counts/(10^-17erg/cm^2/s/Ang
40
30
20
10
5000
5200
5400
5600
5800
6000
Wavelength [Ang]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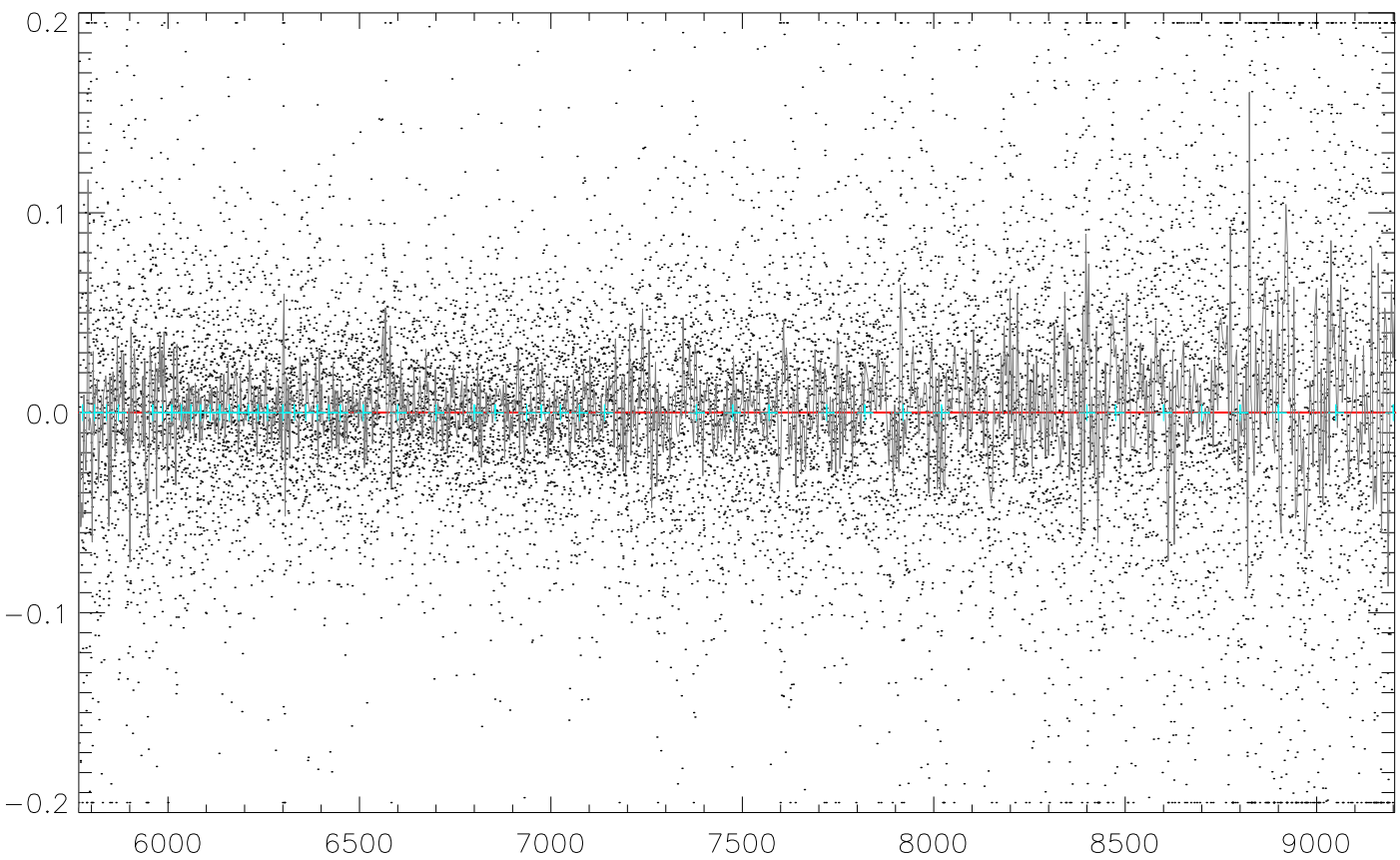
20
0
6000
6500
7000
7500
8000
8500
9000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0.1
0.0
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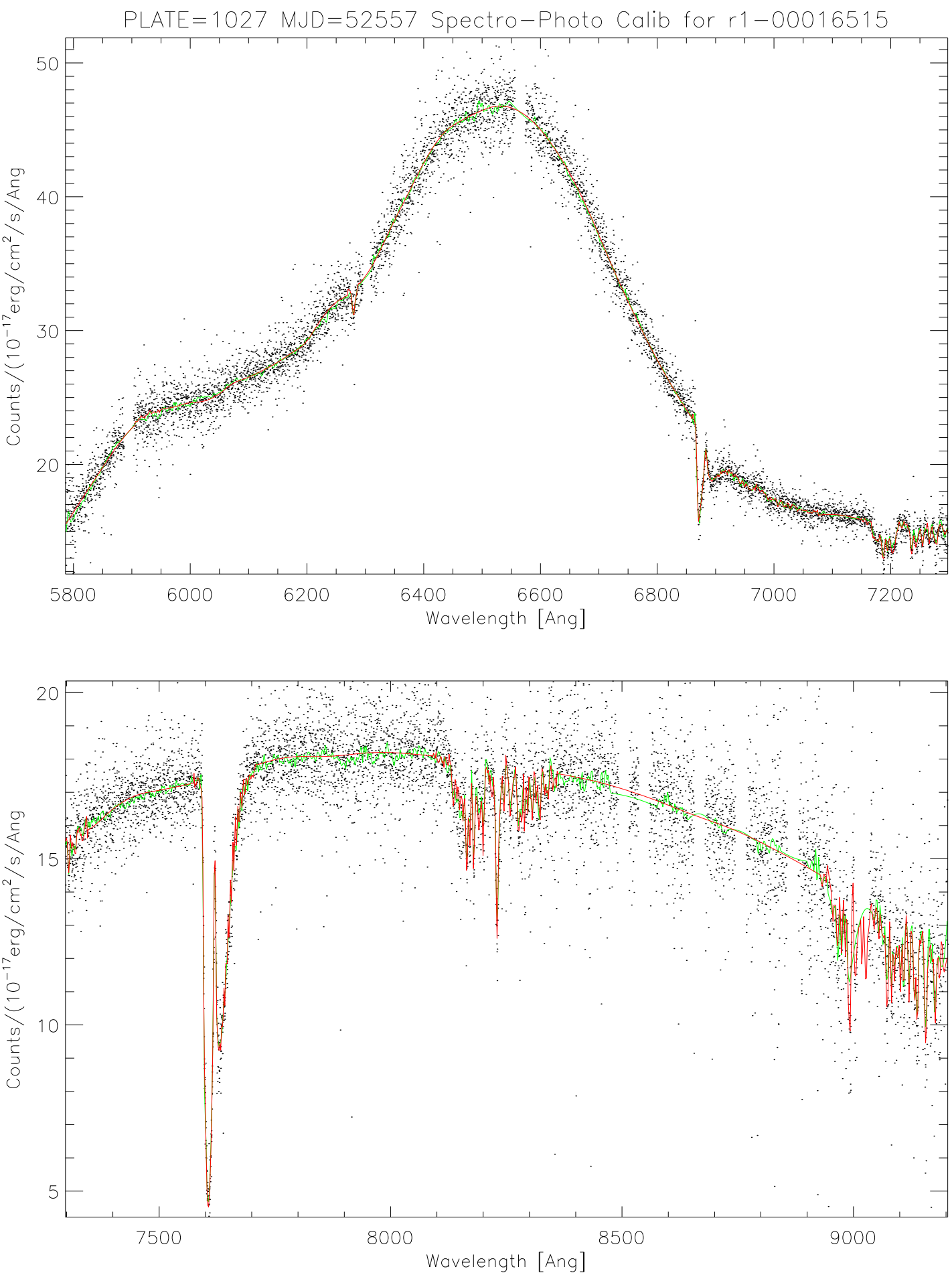
−0.2
6000
6500
7000
7500
8000
8500
9000


PLATE=1027 MJD=52557 Spectro−Photo Calib for r1−00016515
Counts/(10^-17erg/cm^2/s/Ang
Wavelength [Ang]
5800
6000
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7200
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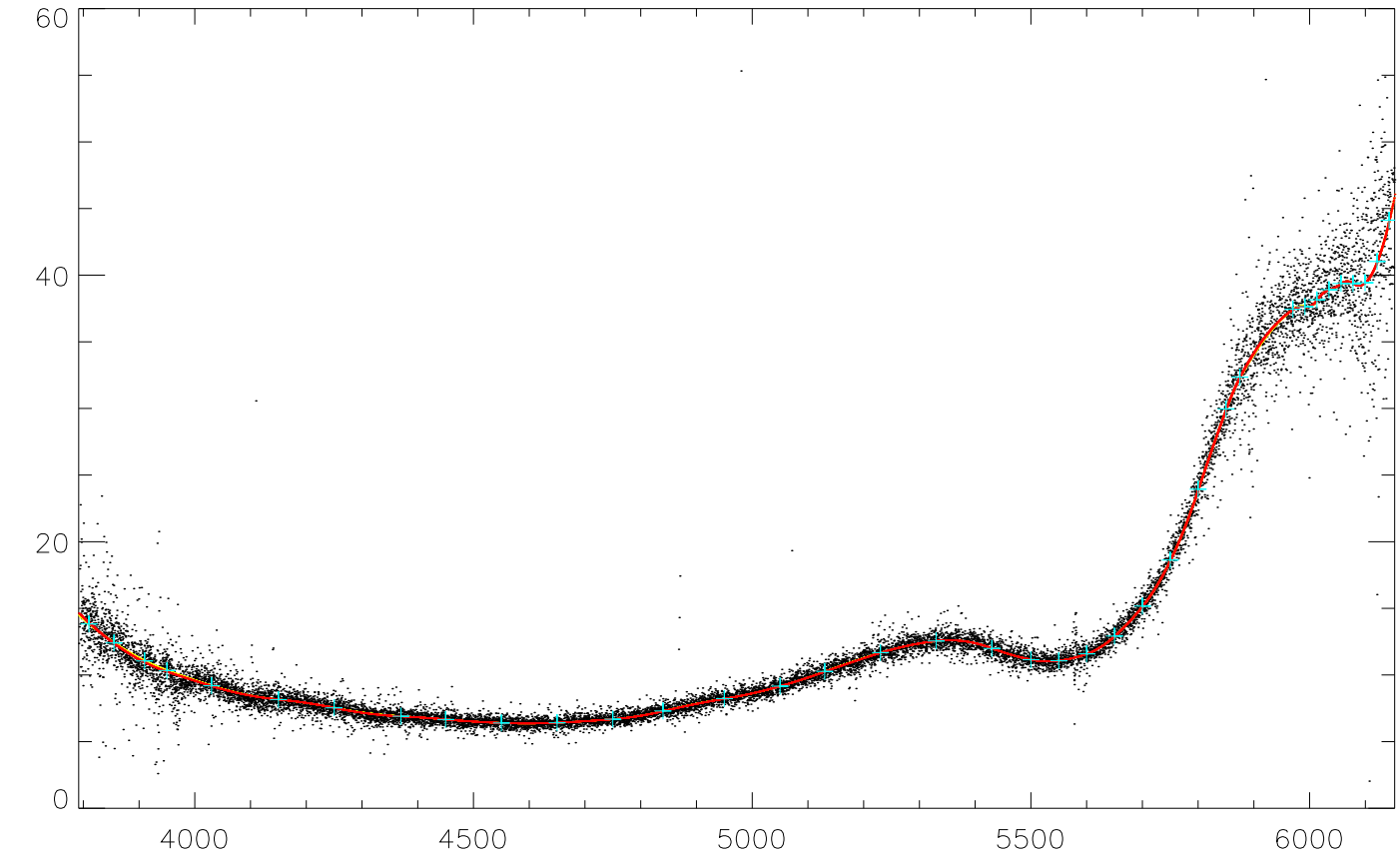
8500
9000
5
10
15
20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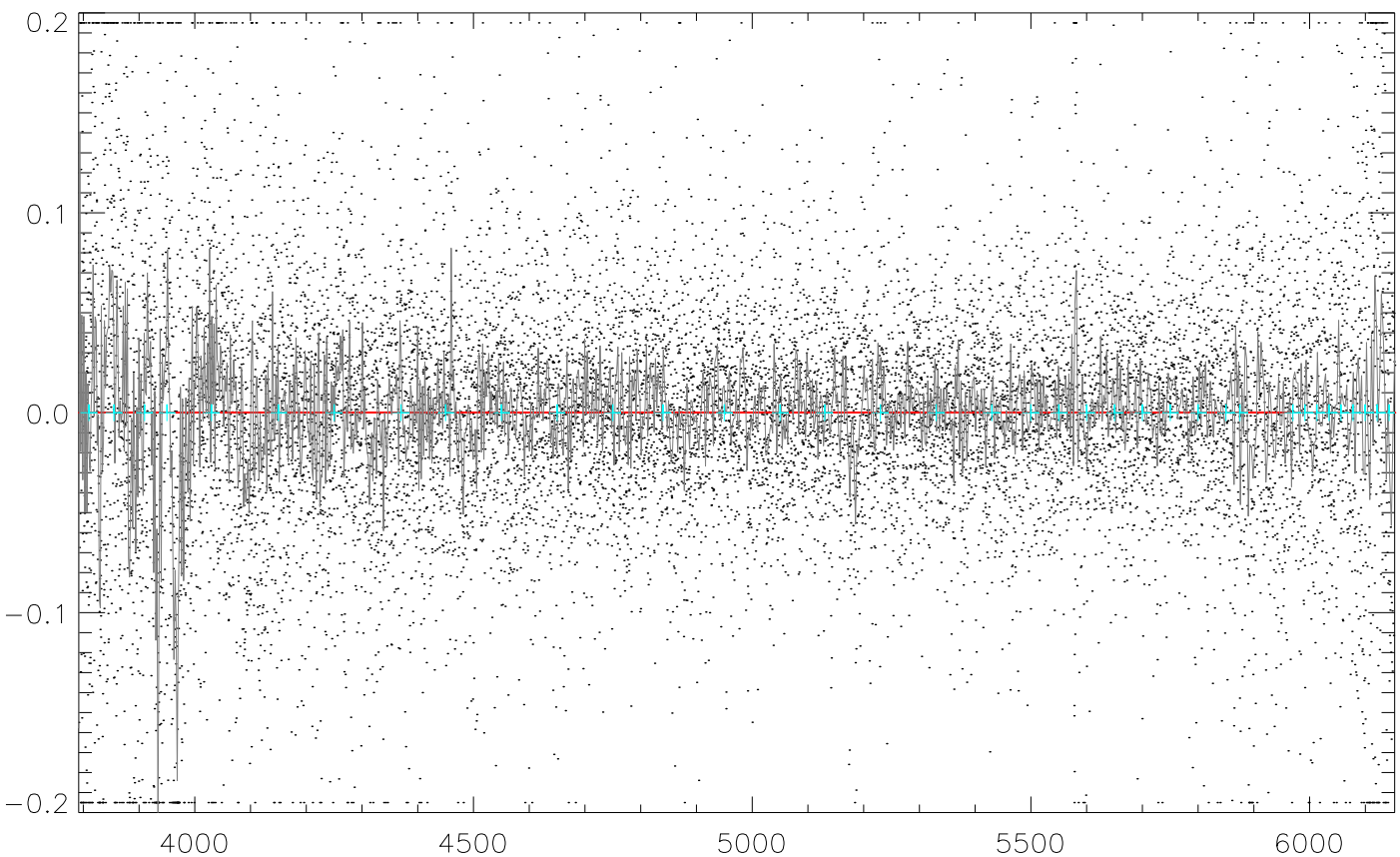
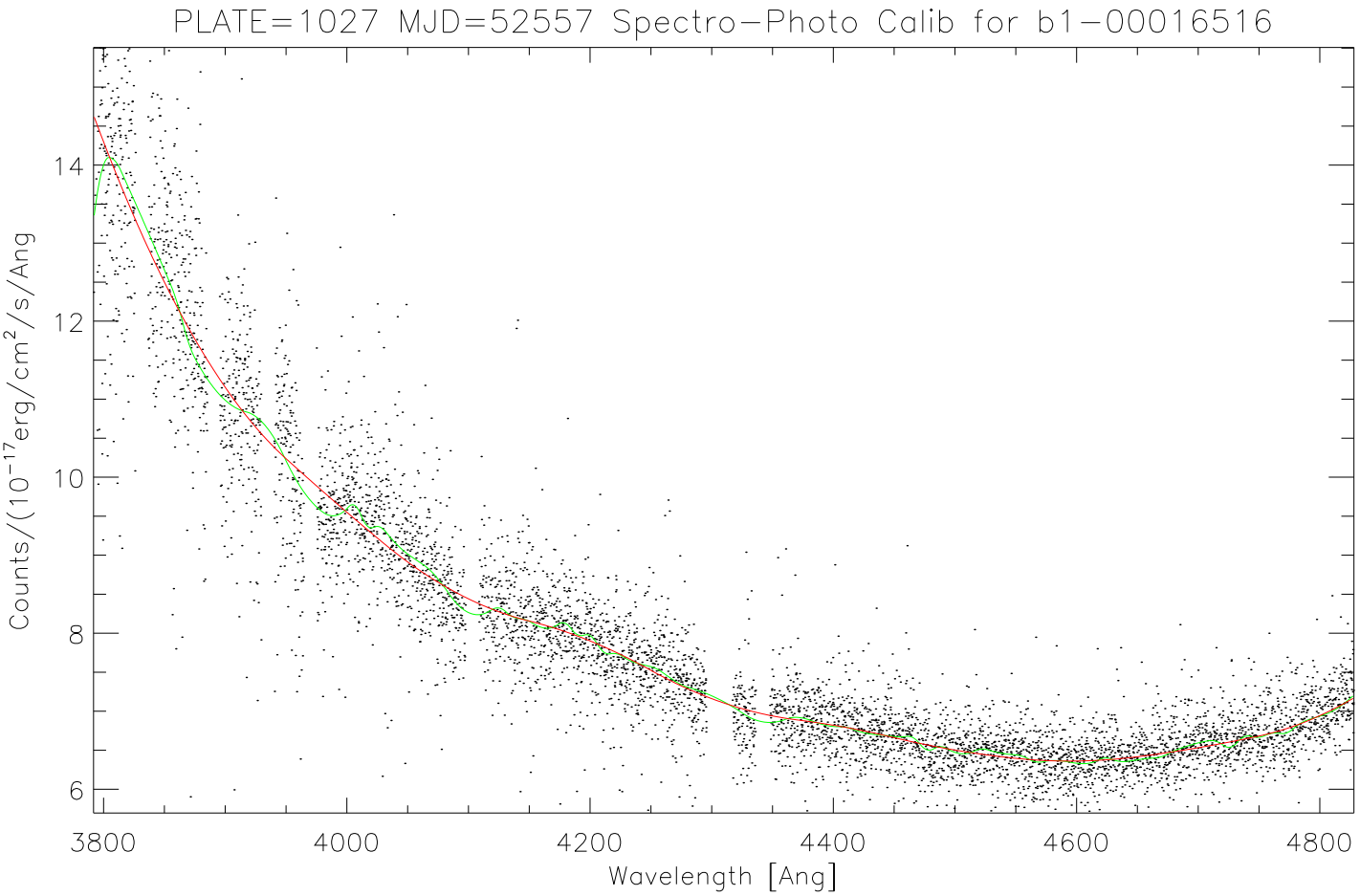
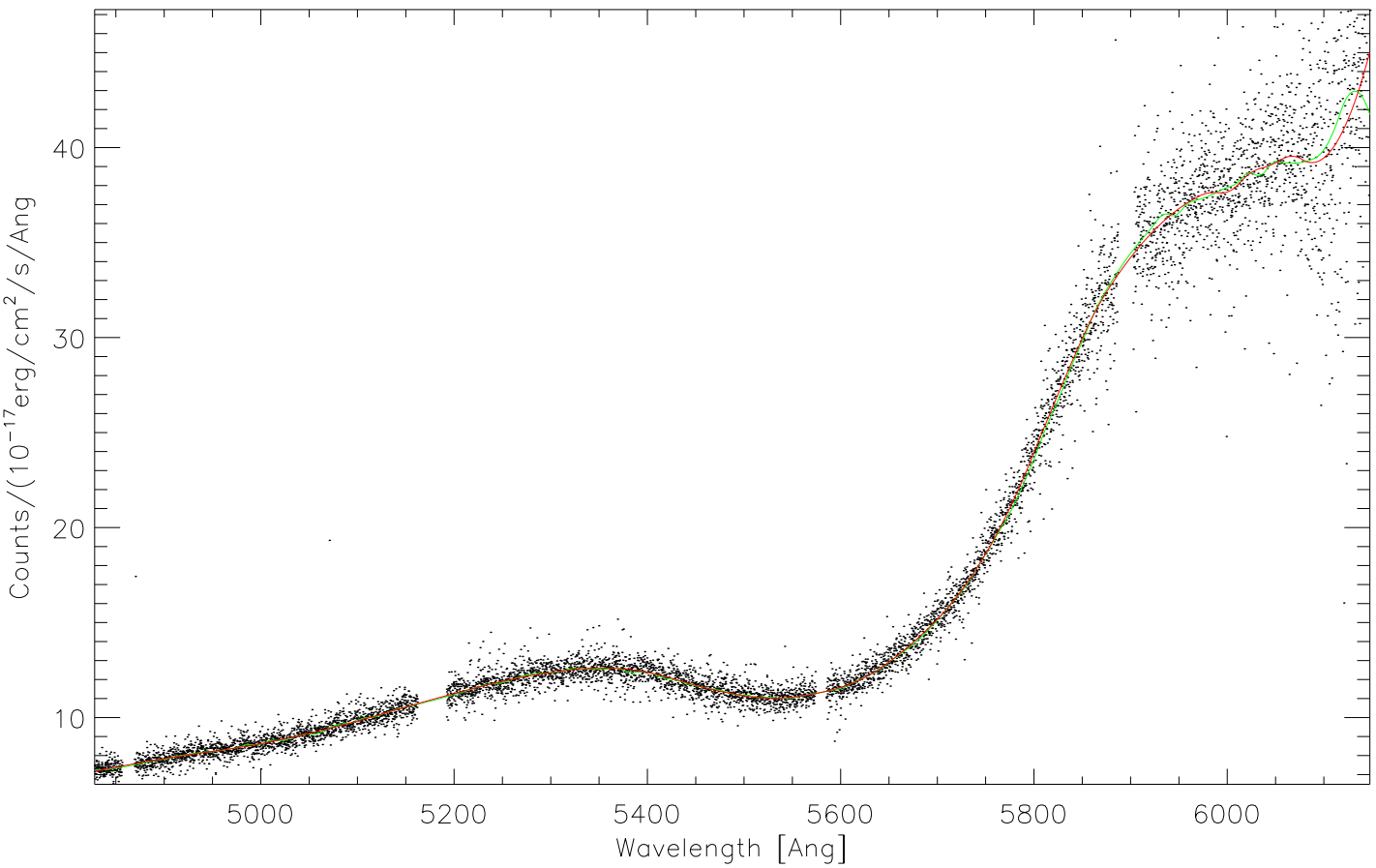
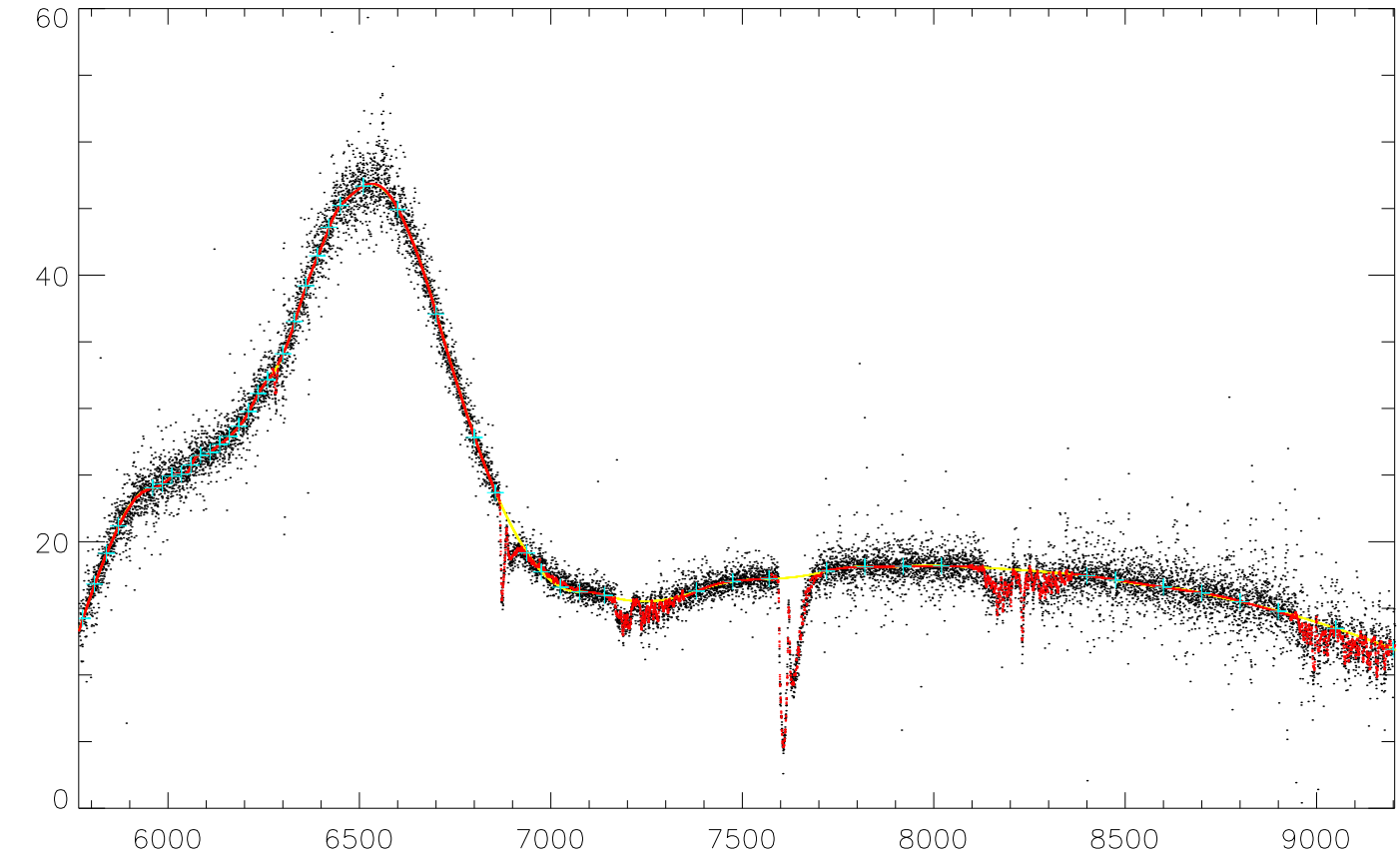
4000
4500
5000
5500
6000


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


PLATE=1027 MJD=52557 Spectro−Photo Calib for b1−00016516
Counts/(10^-17erg/cm^2/s/Ang
14
12
10
8
6
3800
4000
4200
4400
4600
4800
Wavelength [Ang]


Counts/(10^-17erg/cm^2/s/Ang
40
30
20
10
5000
5200
5400
5600
5800
6000
Wavelength [Ang]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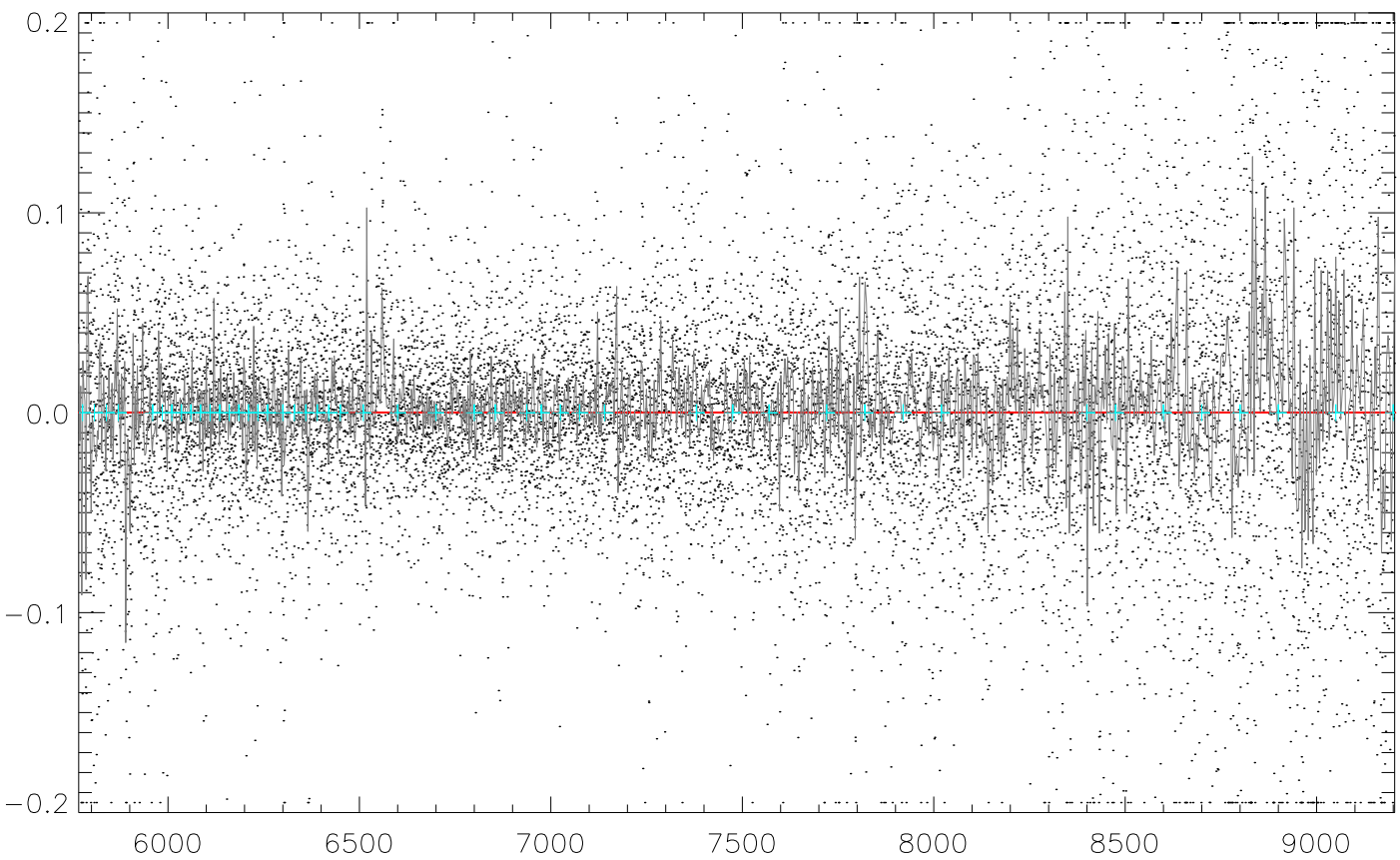
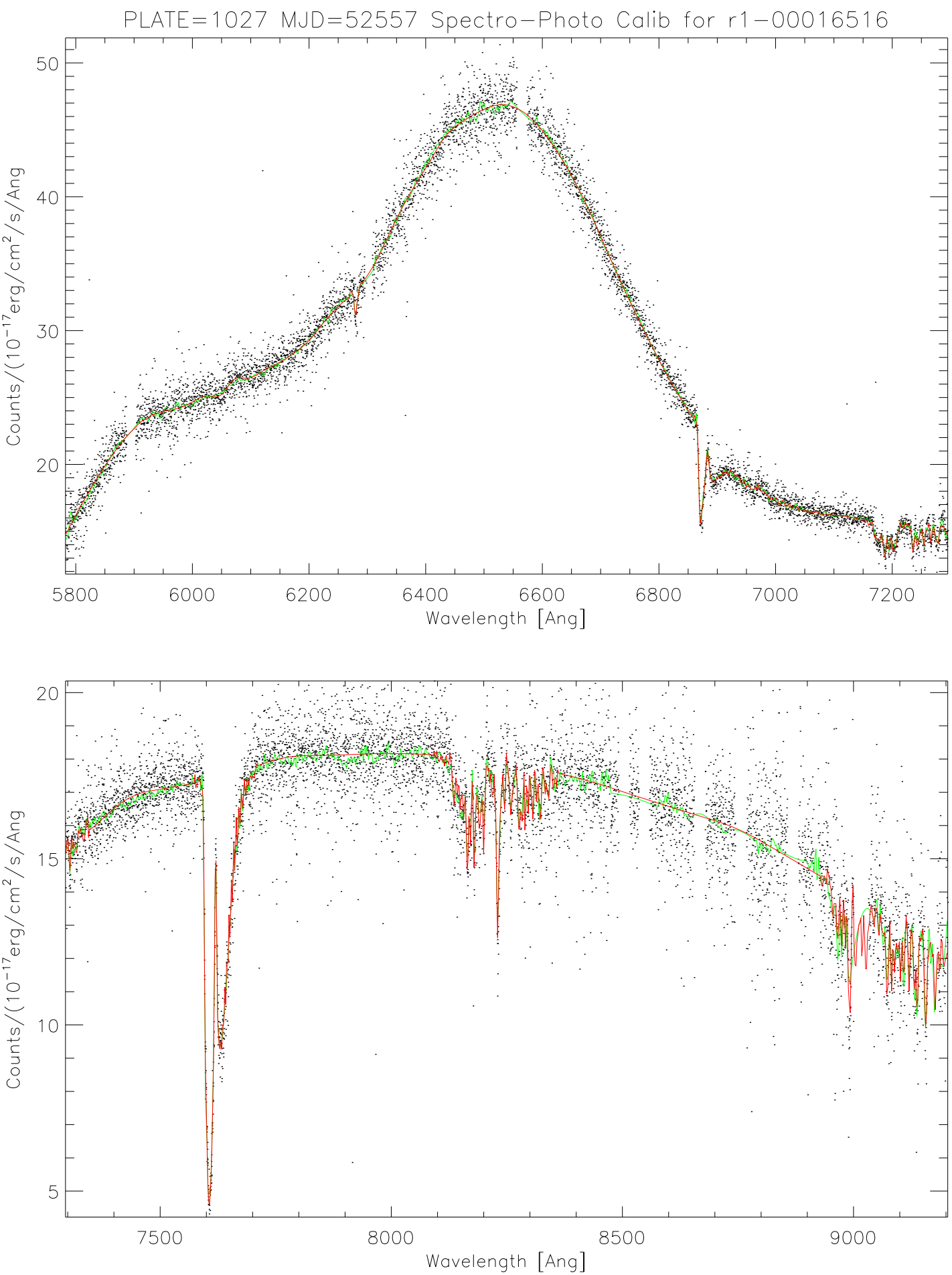
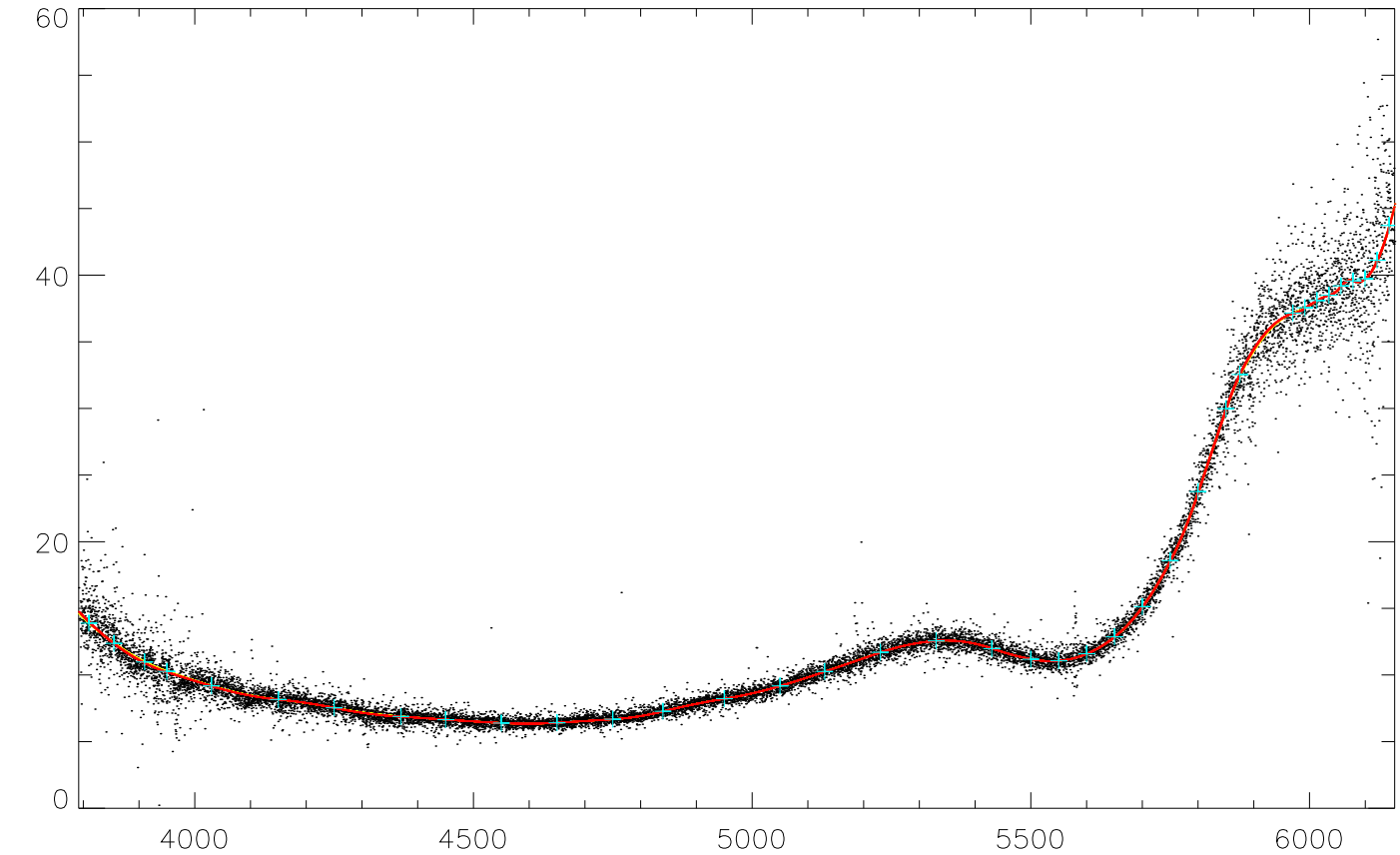
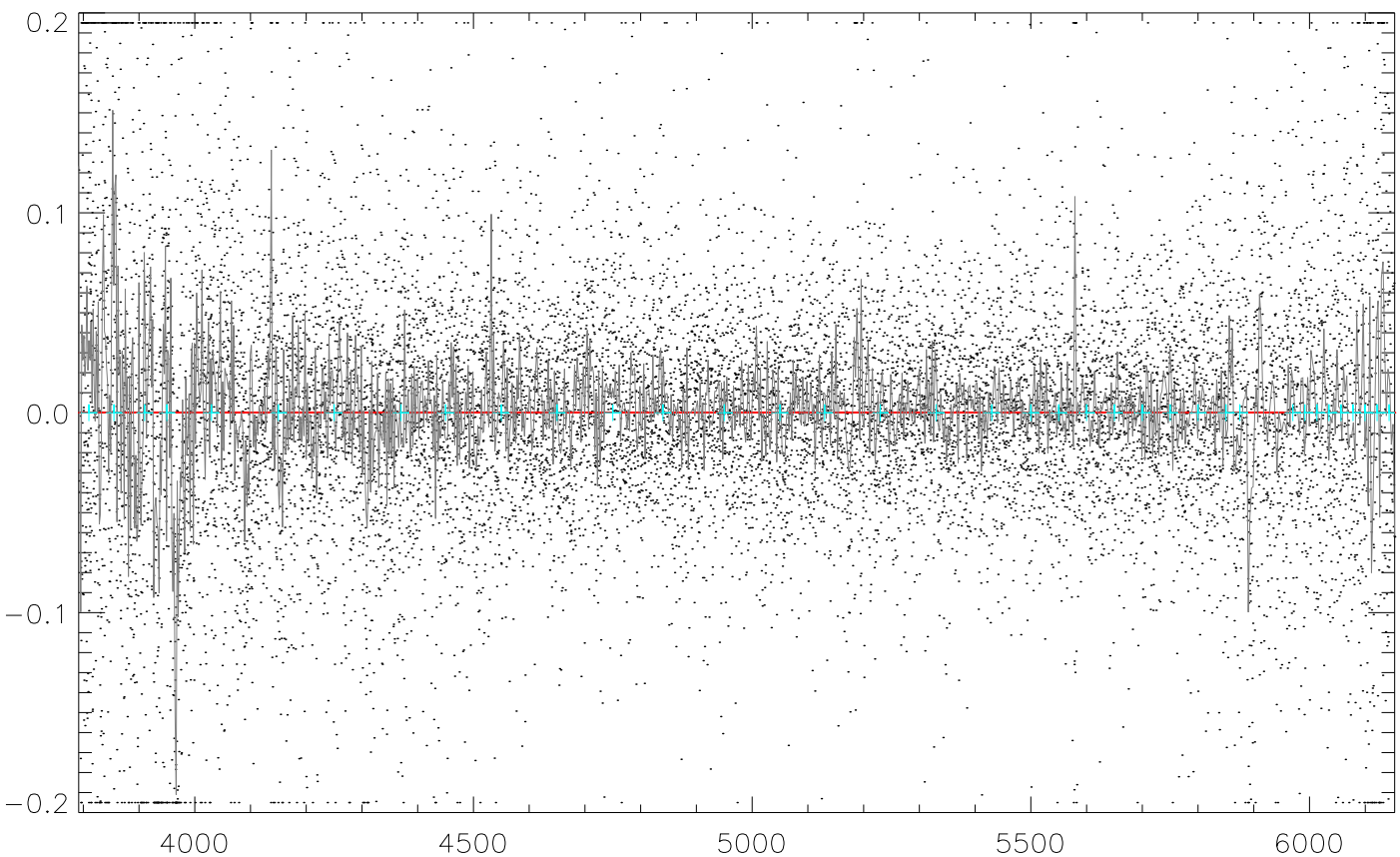
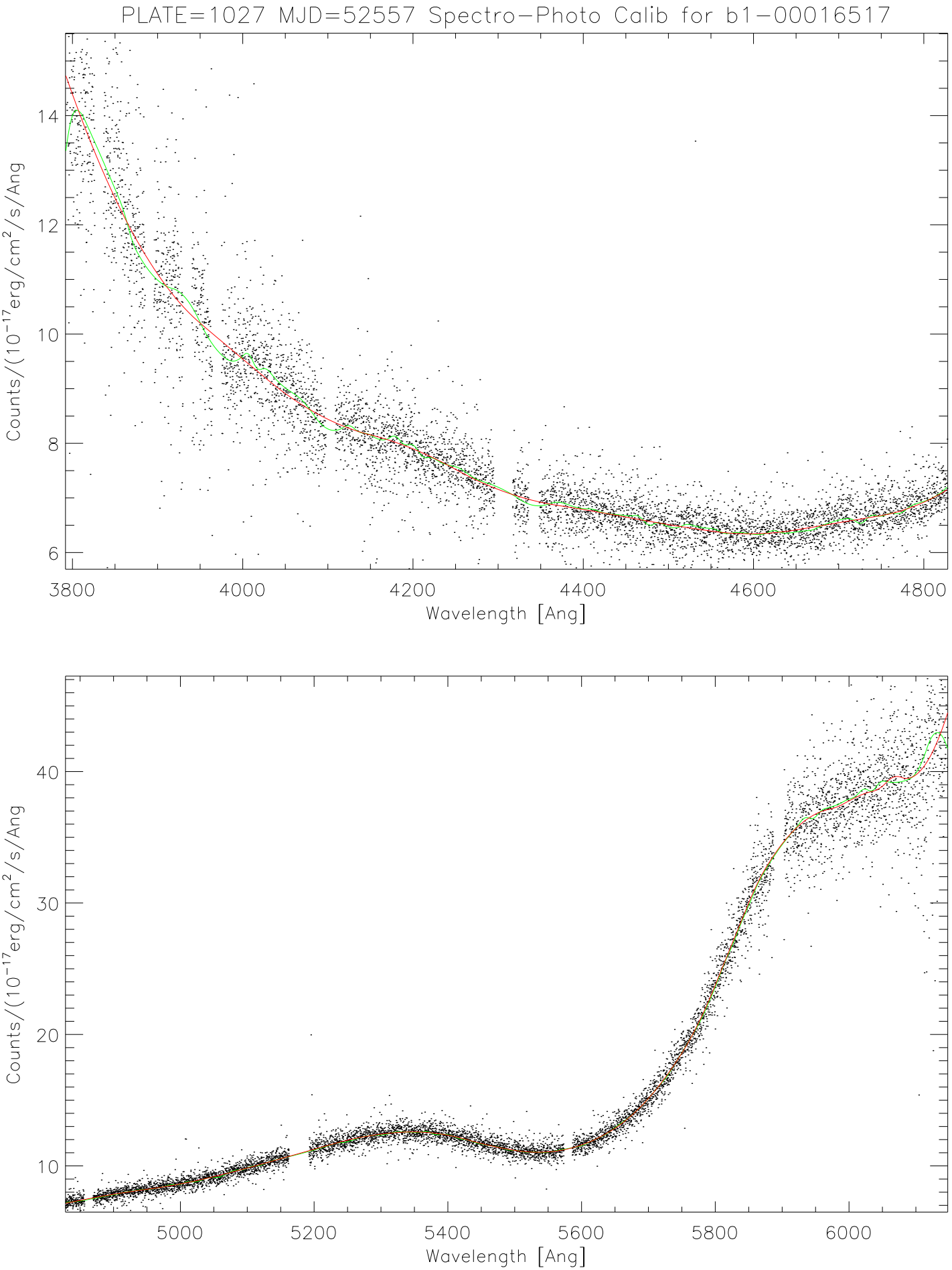
40
20
0
6000
6500
7000
7500
8000
8500
9000

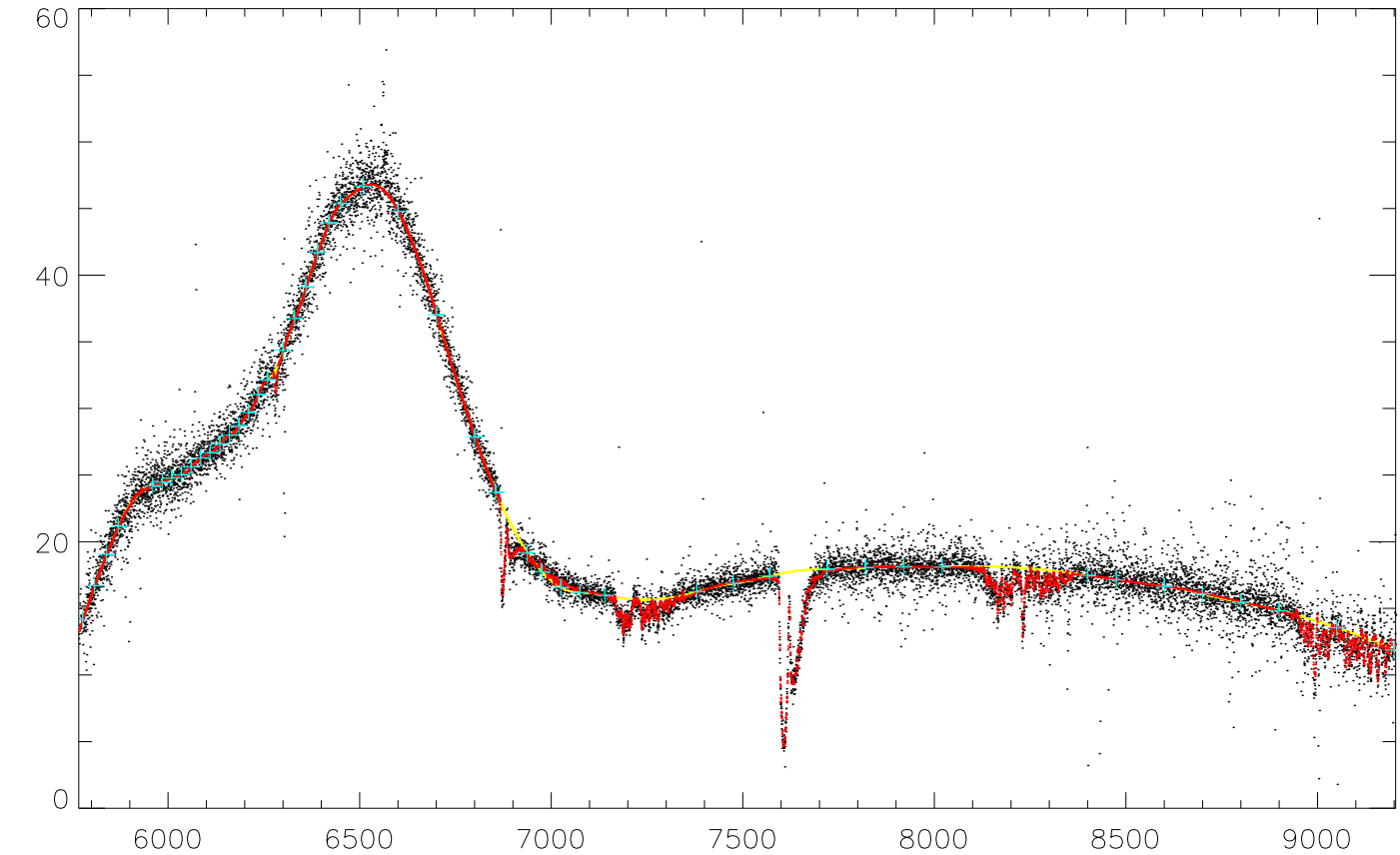

0.2
0.1
0.0
−0.1
−0.2
6000
6500
7000
7500
8000
8500
9000

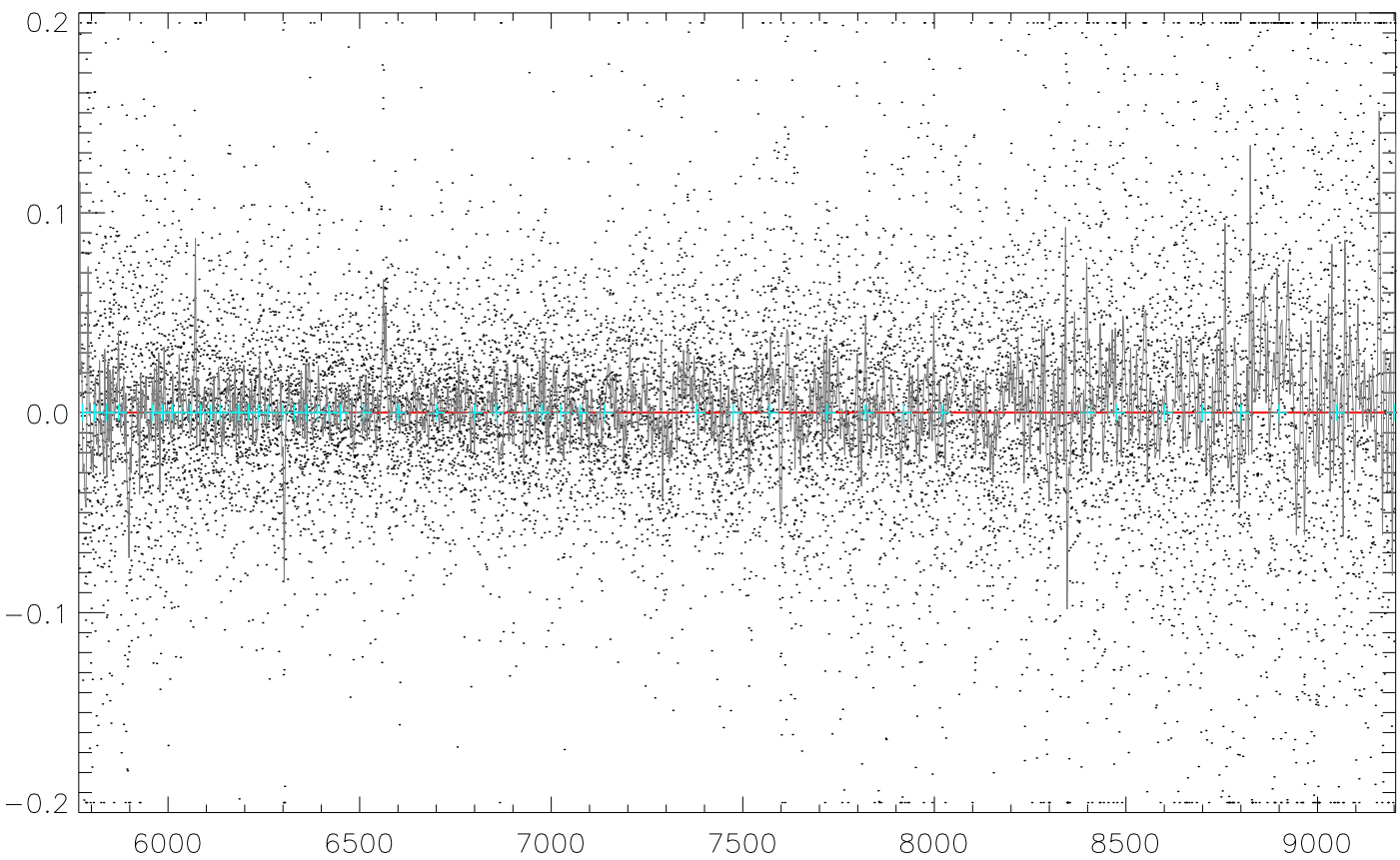

PLATE=1027 MJD=52557 Spectro−Photo Calib for r1−00016516
Counts/(10^-17 erg/cm^2/s/Ang
50
40
30
20
5800
6000
6200
6400
6600
6800
7000
7200
Wavelength [Ang]
Counts/(10^-17 erg/cm^2/s/Ang
20
15
10
5
7500
8000
8500
9000
Wavelength [Ang]

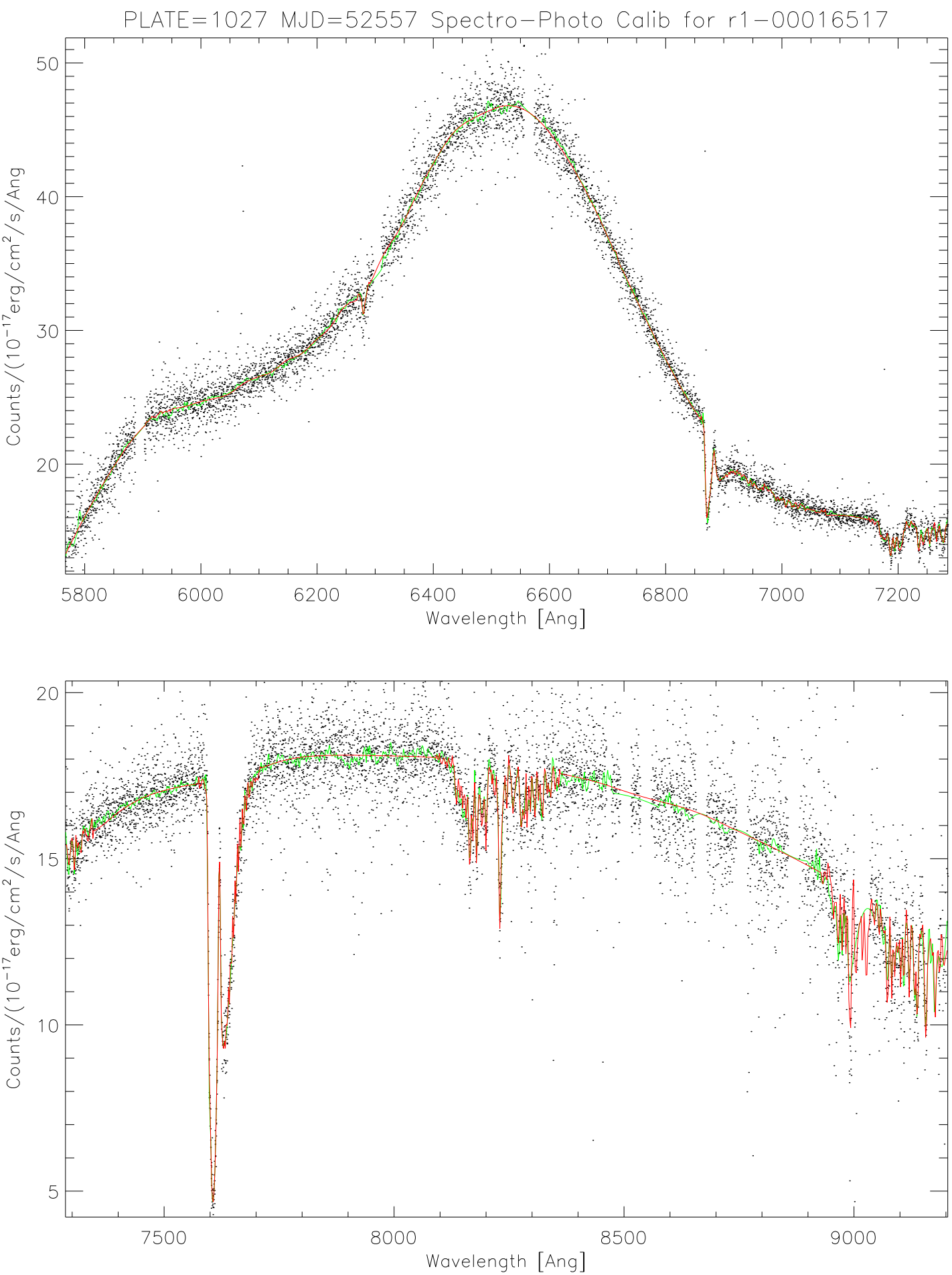

60
40
20
0
4000
4500
5000
5500
6000

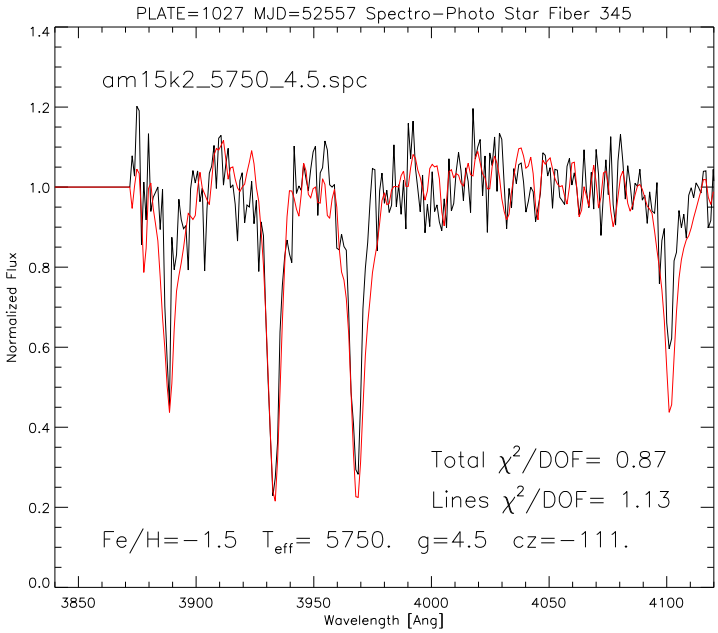

0.2
0.1
0.0
−0.1
−0.2
4000
4500
5000
5500
6000

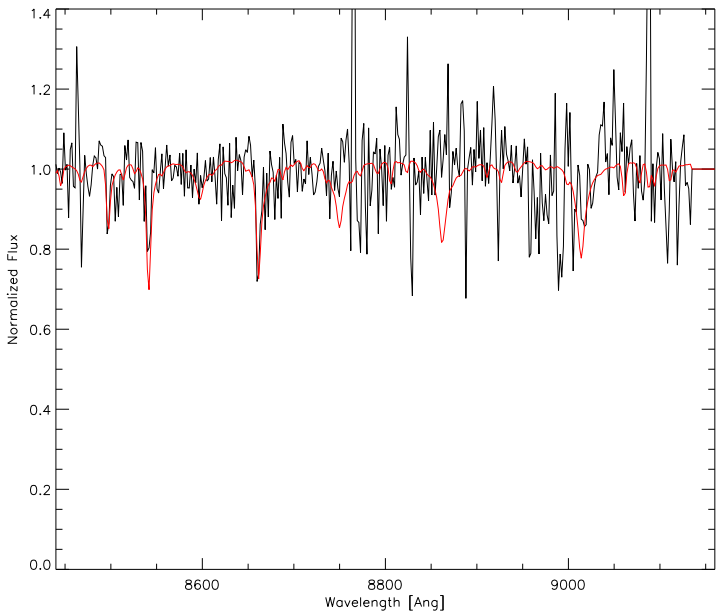

PLATE=1027 MJD=52557 Spectro−Photo Calib for b1−00016517
Counts/(10^-17 erg/cm^2/s/Ang
14
12
10
8
6
3800
4000
4200
4400
4600
4800
Wavelength [Ang]
Counts/(10^-17 erg/cm^2/s/Ang
40
30
20
10
5000
5200
5400
5600
5800
6000
Wavelength [Ang]

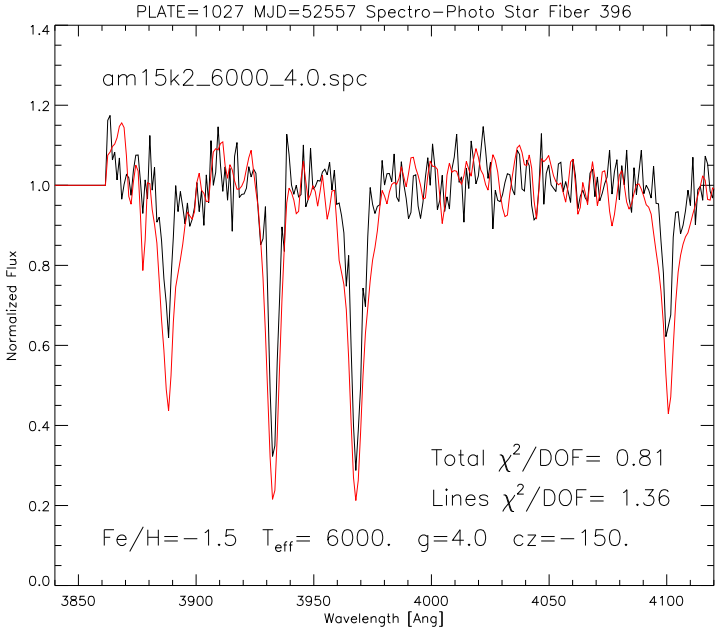

60
40
20
0
6000
6500
7000
7500
8000
8500
9000

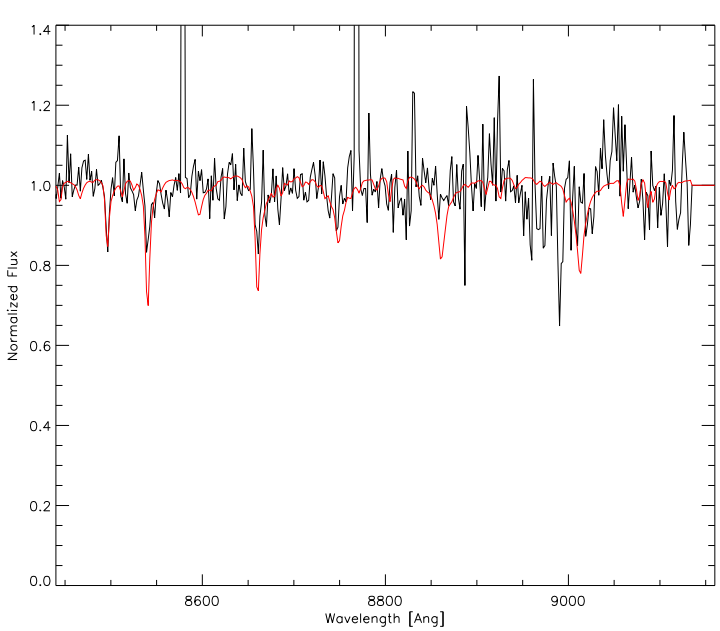

0.2
0.1
0.0
−0.1
−0.2
6000
6500
7000
7500
8000
8500
9000

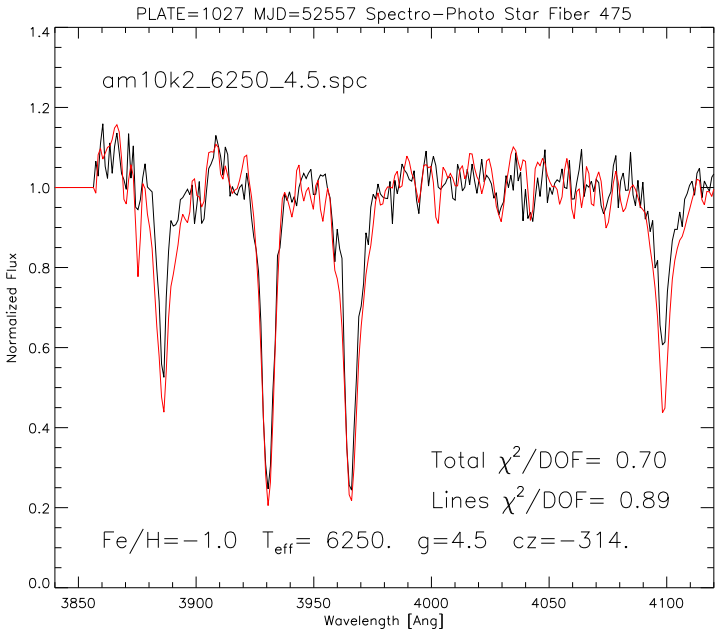

PLATE=1027 MJD=52557 Spectro−Photo Calib for r1−00016517
Counts/(10^-17 erg/cm^2/s/Ang
50
40
30
20
5800
6000
6200
6400
6600
6800
7000
7200
Wavelength [Ang]
Counts/(10^-17 erg/cm^2/s/Ang
20
15
10
5
7500
8000
8500
9000
Wavelength [Ang]

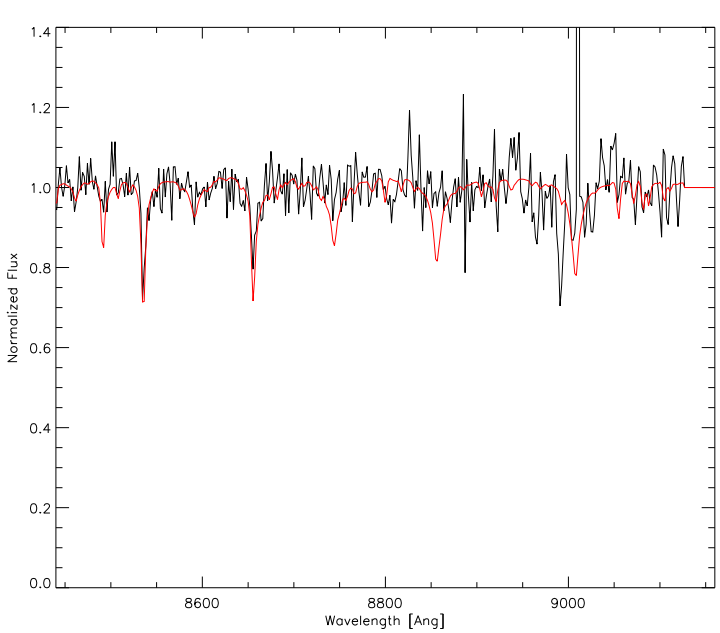

PLATE=1027 MJD=52557 Spectro-Photo Star Fiber 345
am15k2_5750_4.5.spc
Total χ^2/DOF= 0.87
Lines χ^2/DOF= 1.13
Fe/H=−1.5 T_{eff}= 5750. g=4.5 cz=−111.
Normalized Flux
Wavelength [Ang]

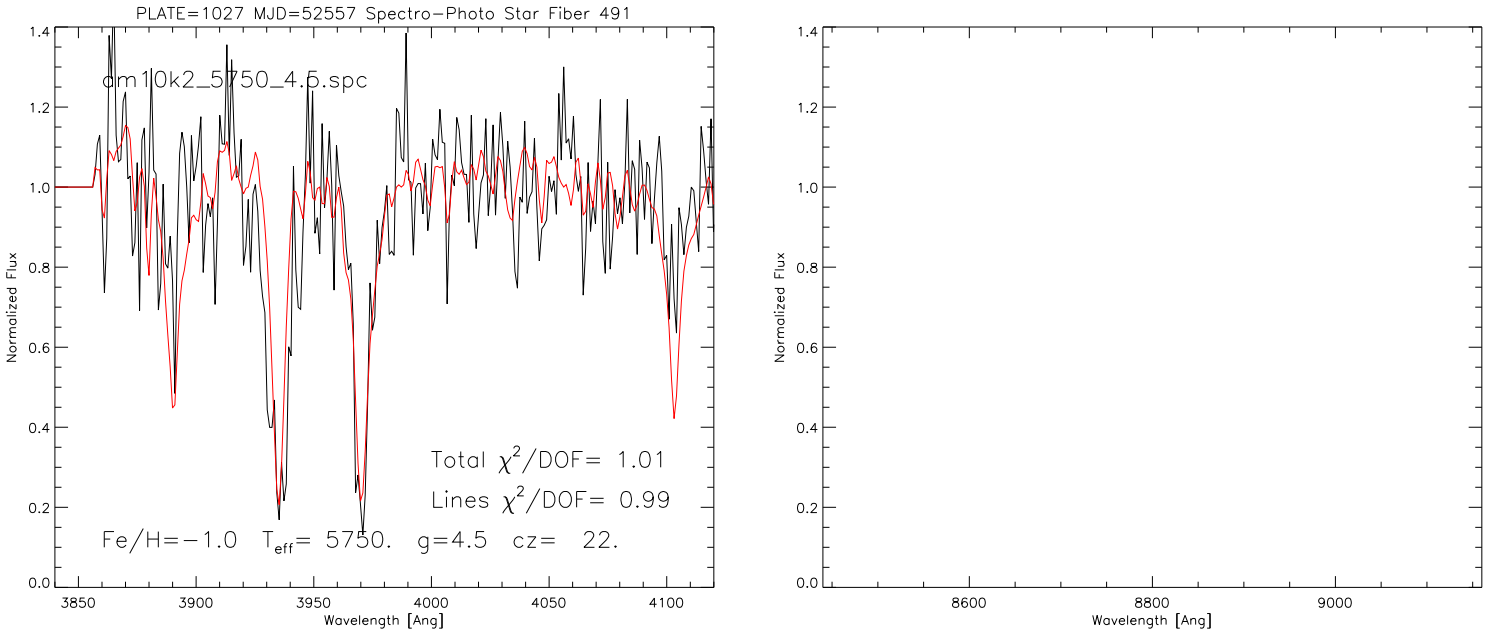

Normalized Flux
Wavelength [Ang]

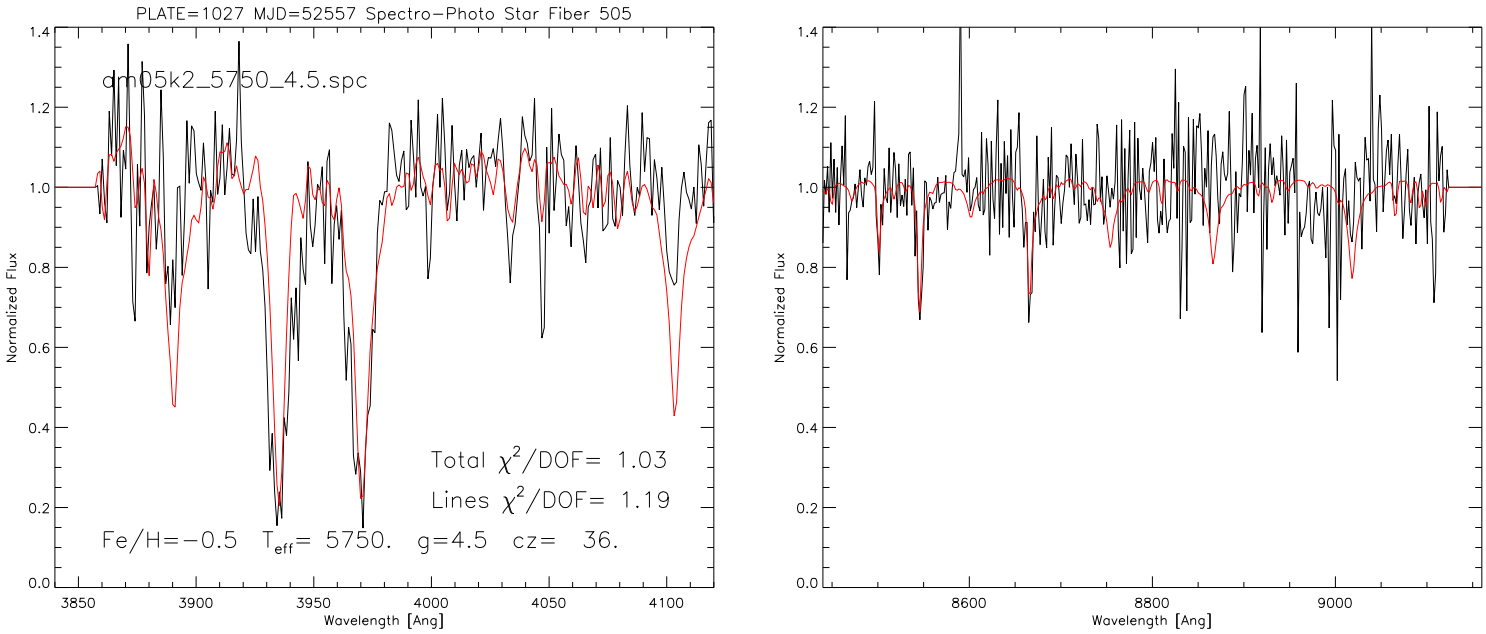

PLATE=1027 MJD=52557 Spectro-Photo Star Fiber 396
am15k2_6000_4.0.spc
Total χ^2/DOF= 0.81
Lines χ^2/DOF= 1.36
Fe/H=−1.5 T_{eff}= 6000. g=4.0 cz=−150.
Normalized Flux
Wavelength [Ang]

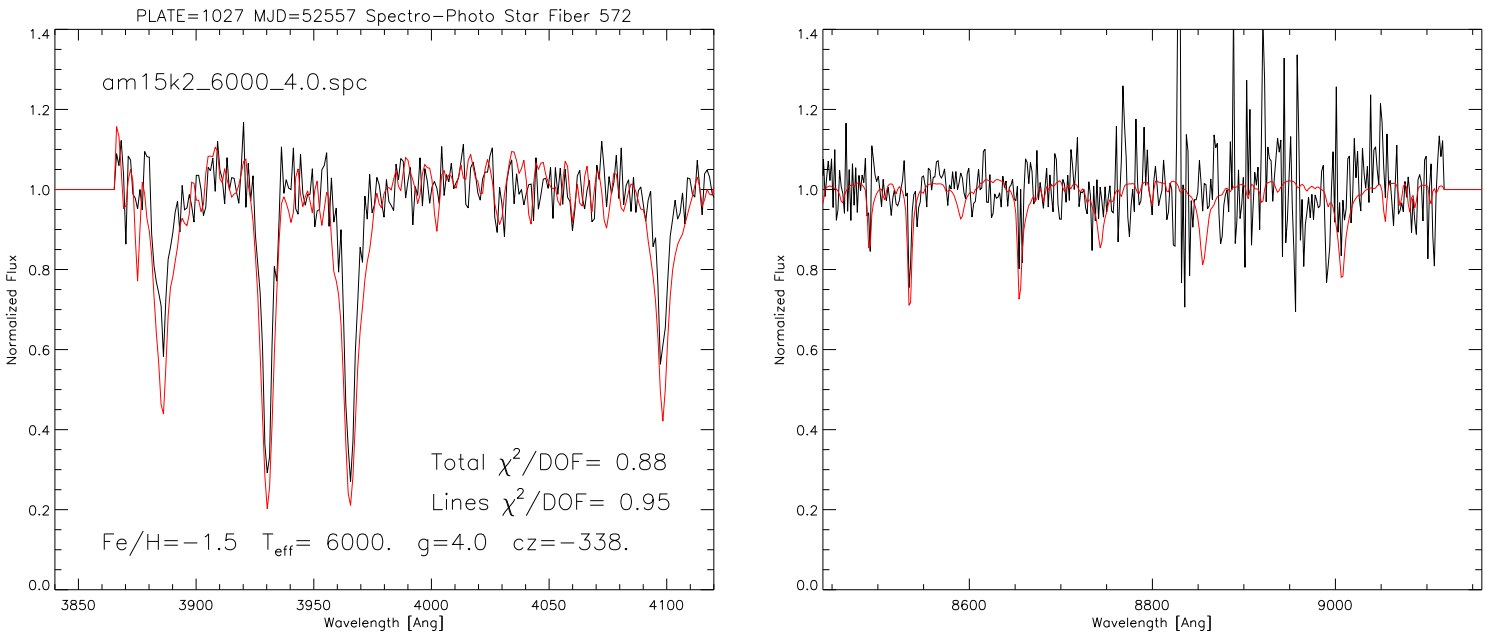

Normalized Flux
Wavelength [Ang]

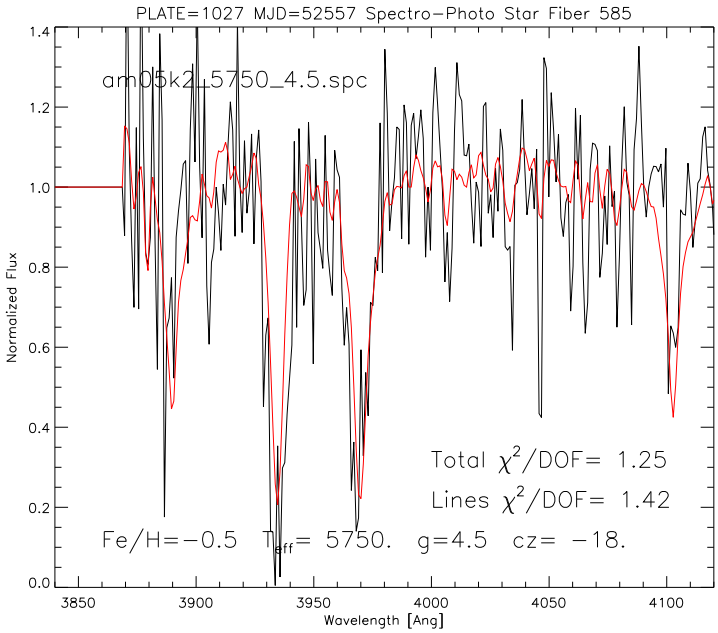

PLATE=1027 MJD=52557 Spectro-Photo Star Fiber 475
am10k2_6250_4.5.spc
Total χ^2/DOF= 0.70
Lines χ^2/DOF= 0.89
Fe/H=−1.0 T_{eff}= 6250. g=4.5 cz=−314.
Normalized Flux
Wavelength [Ang]

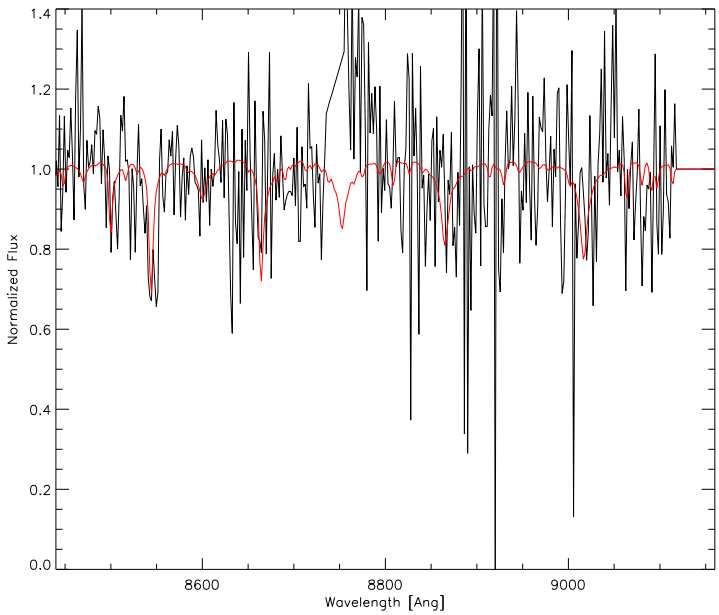

Normalized Flux
Wavelength [Ang]

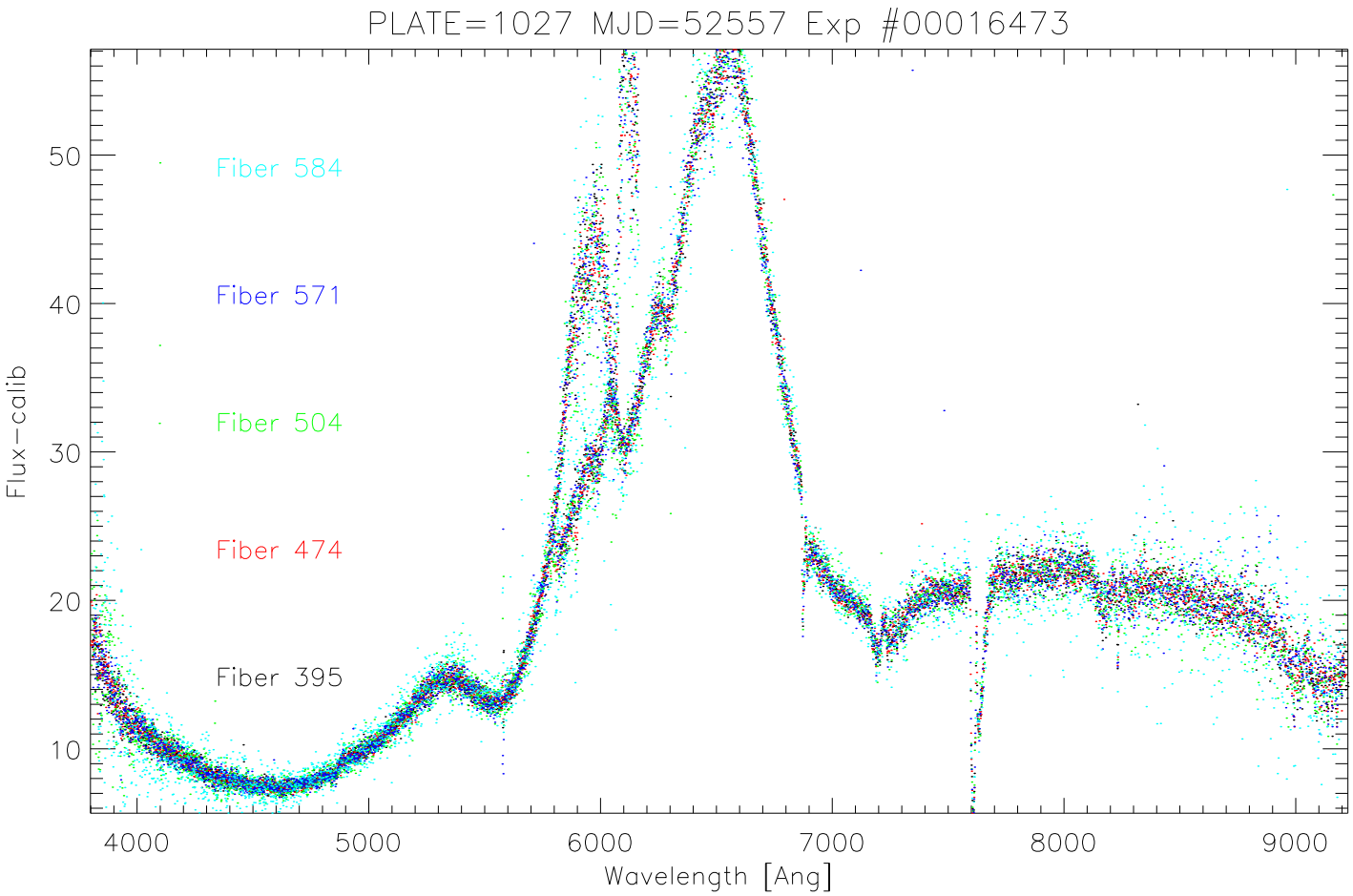

PLATE=1027 MJD=52557 Spectro−Photo Star Fiber 491
am10k2_5750_4.5.spc
Total χ^2/DOF= 1.01
Lines χ^2/DOF= 0.99
Fe/H=−1.0 T_{eff}= 5750. g=4.5 cz= 22.
Normalized Flux
Wavelength [Ang]

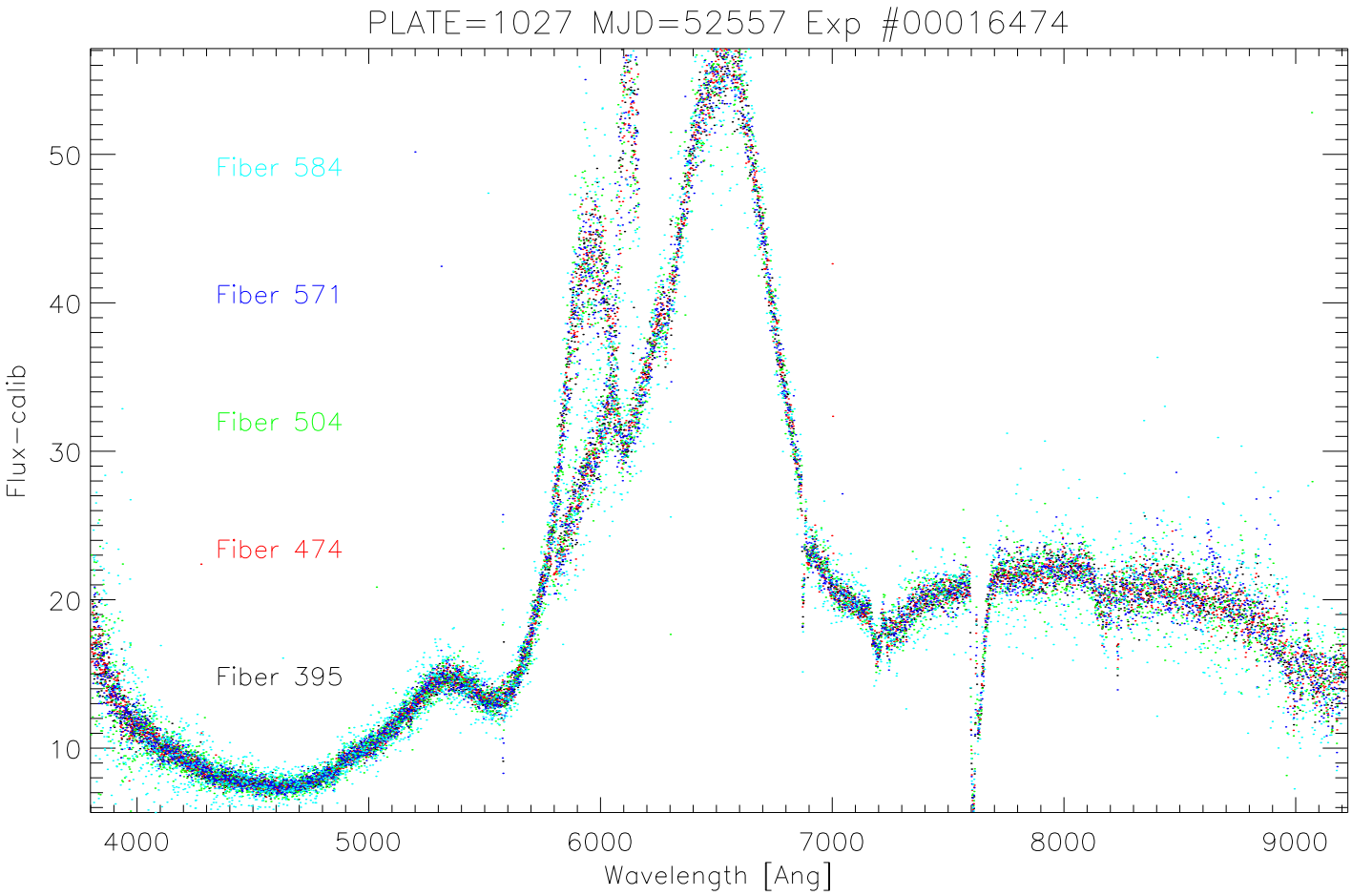

PLATE=1027 MJD=52557 Spectro−Photo Star Fiber 505
am05k2_5750_4.5.spc
Total χ^2/DOF= 1.03
Lines χ^2/DOF= 1.19
Fe/H=−0.5 T_{eff}= 5750. g=4.5 cz= 36.
Normalized Flux
Wavelength [Ang]


PLATE=1027 MJD=52557 Spectro−Photo Star Fiber 572
am15k2_6000_4.0.spc
Total χ^2/DOF= 0.88
Lines χ^2/DOF= 0.95
Fe/H=−1.5 T_{eff}= 6000. g=4.0 cz=−338.
Normalized Flux
Wavelength [Ang]


PLATE=1027 MJD=52557 Spectro-Photo Star Fiber 585
am05k2_5750_4.5.spc
Total χ^2/DOF= 1.25
Lines χ^2/DOF= 1.42
Fe/H=−0.5 T_{eff}= 5750. g=4.5 cz= −18.
Normalized Flux
Wavelength [Ang]


Normalized Flux
Wavelength [Ang]


PLATE=1027 MJD=52557 Exp #00016473
Fiber 584
Fiber 571
Fiber 504
Fiber 474
Fiber 395
Flux−calib
10
20
30
40
50
4000
5000
6000
7000
8000
9000
Wavelength [Ang]


PLATE=1027 MJD=52557 Exp #00016474
Fiber 584
Fiber 571
Fiber 504
Fiber 474
Fiber 395
Flux−calib
10
20
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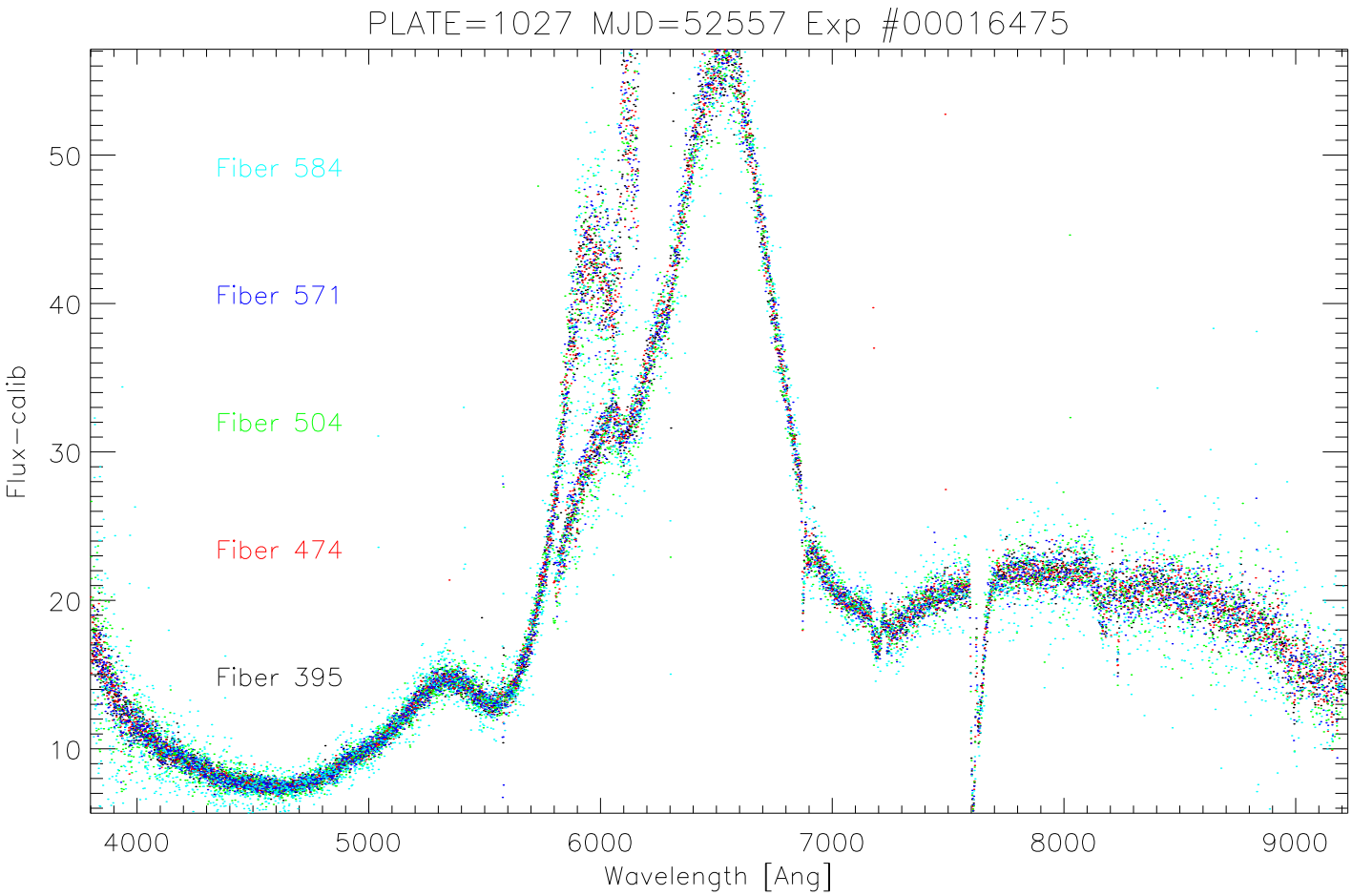
6000
7000
8000
9000
Wavelength [Ang]


PLATE=1027 MJD=52557 Exp #00016475
Fiber 584
Fiber 571
Fiber 504
Fiber 474
Fiber 395
Flux−calib
10
20
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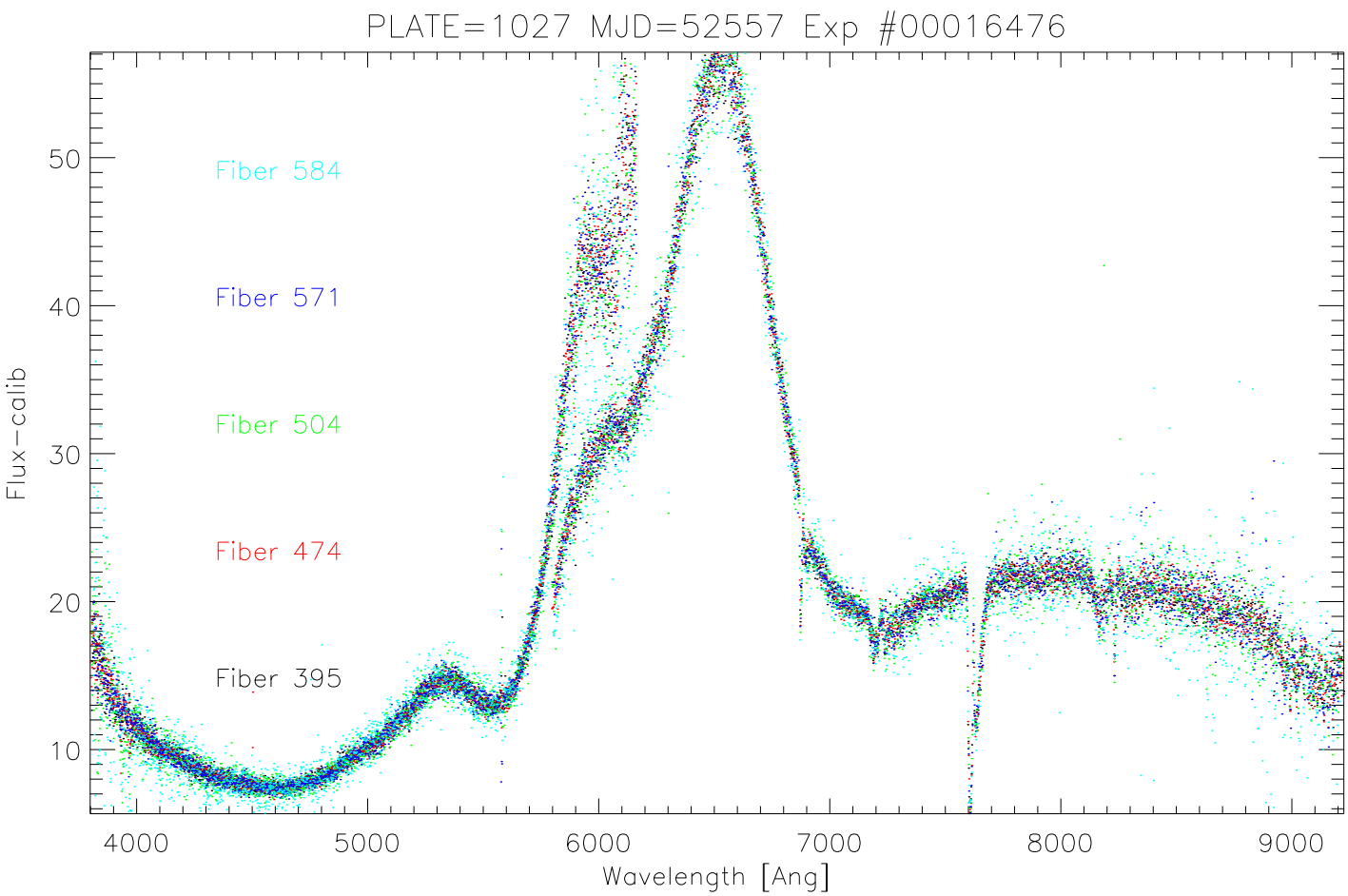
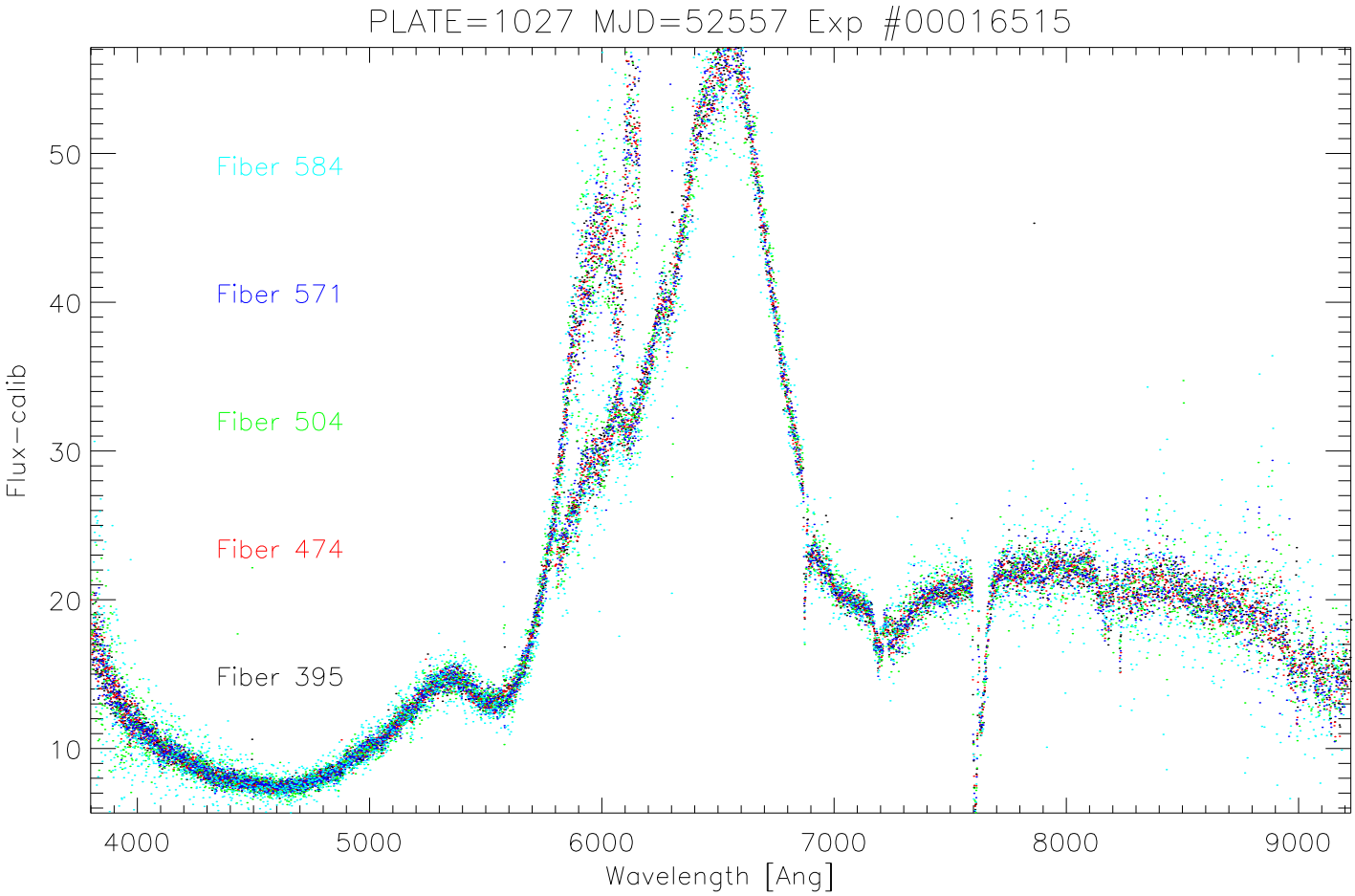
6000
7000
8000
9000
Wavelength [Ang]


PLATE=1027 MJD=52557 Exp #00016476
Fiber 584
Fiber 571
Fiber 504
Fiber 474
Fiber 395
Flux−calib
10
20
30
40
50
4000
5000
6000
7000
8000
9000
Wavelength [Ang]


PLATE=1027 MJD=52557 Exp #00016515
Fiber 584
Fiber 571
Fiber 504
Fiber 474
Fiber 395
Flux−calib
10
20
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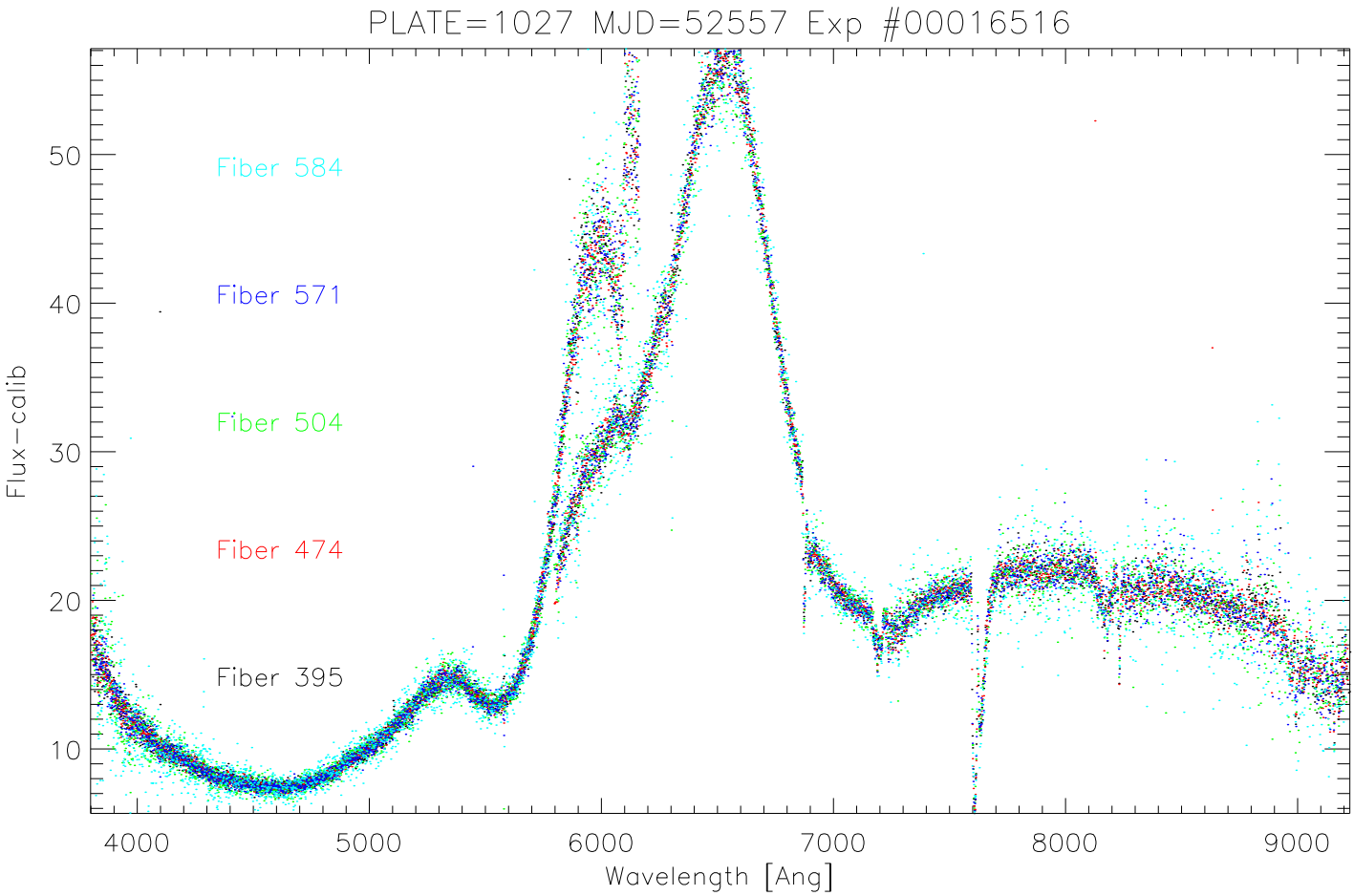
5000
6000
7000
8000
9000
Wavelength [Ang]


PLATE=1027 MJD=52557 Exp #00016516
Fiber 584
Fiber 571
Fiber 504
Fiber 474
Fiber 395
Flux−calib
10
20
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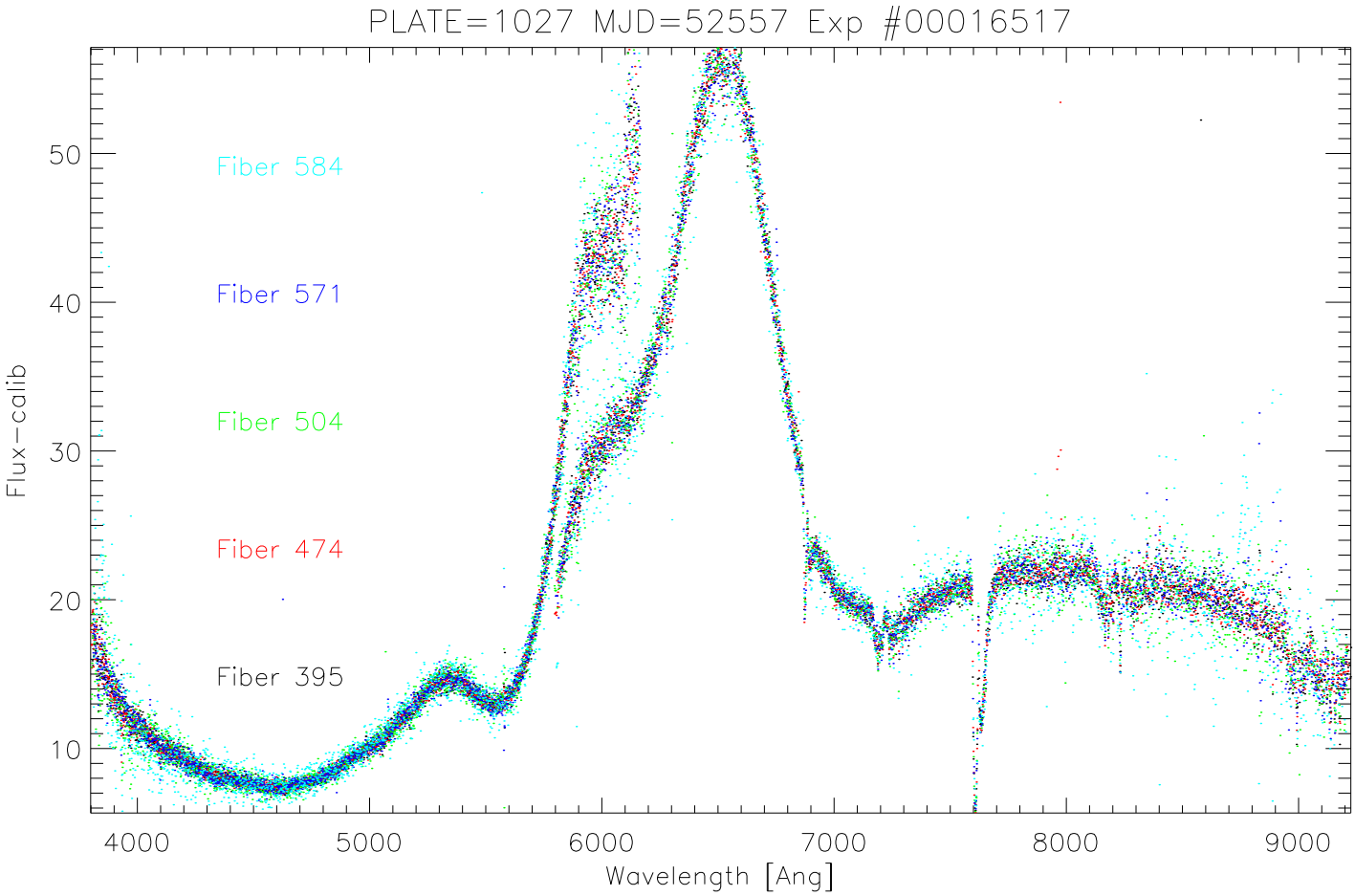
7000
8000
9000
Wavelength [Ang]


PLATE=1027 MJD=52557 Exp #00016517
Fiber 584
Fiber 571
Fiber 504
Fiber 474
Fiber 395
Flux−calib
10
20
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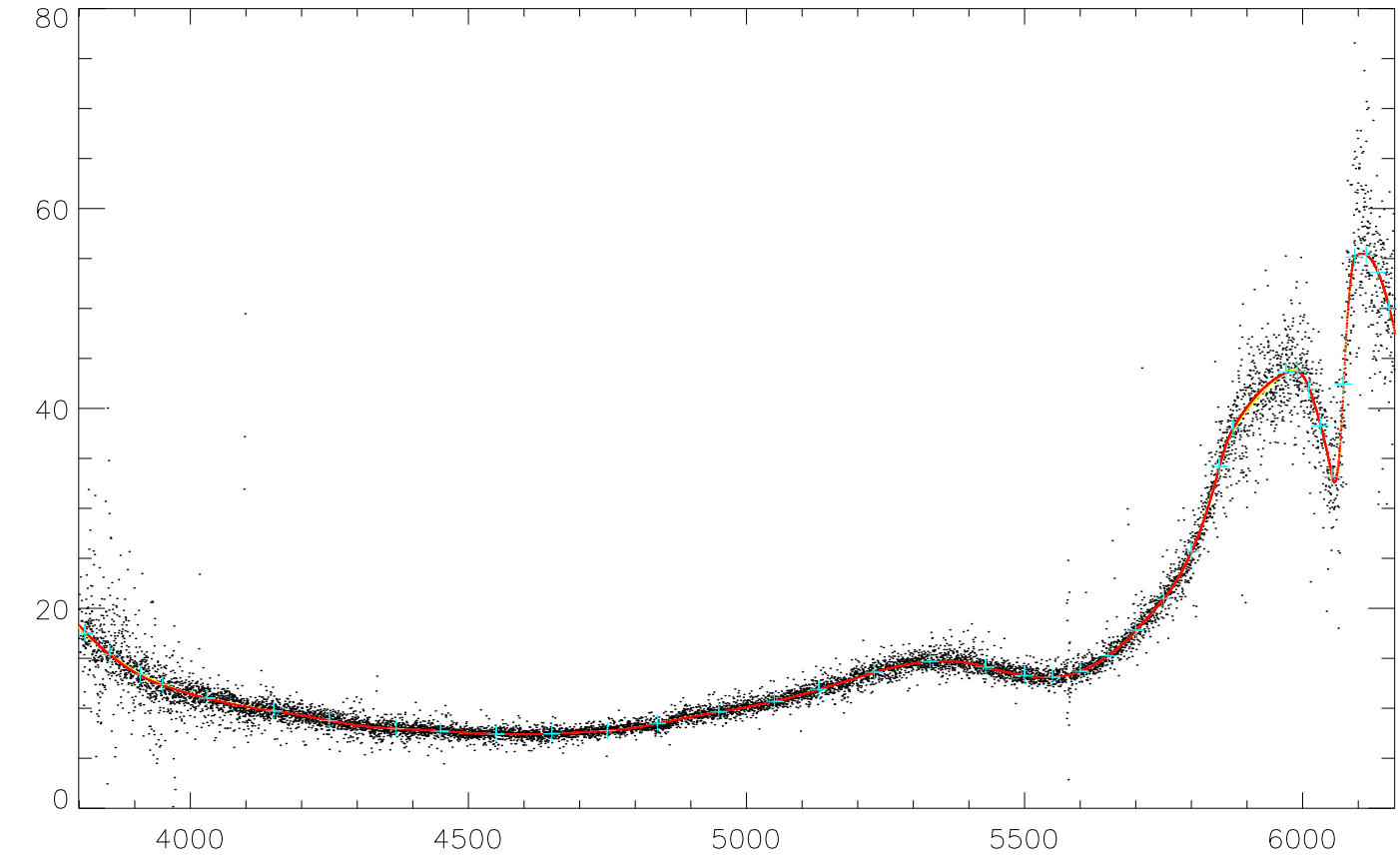
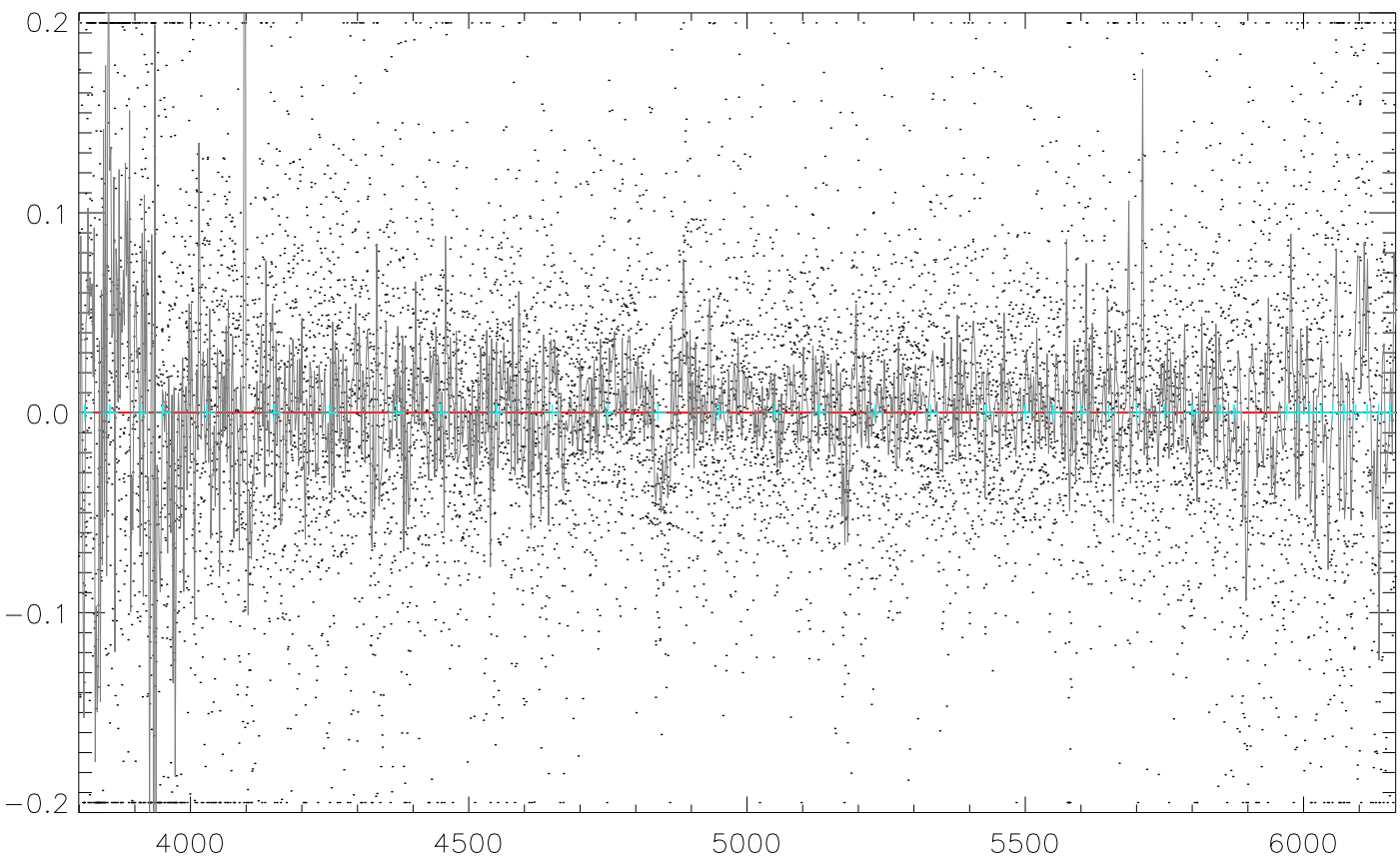
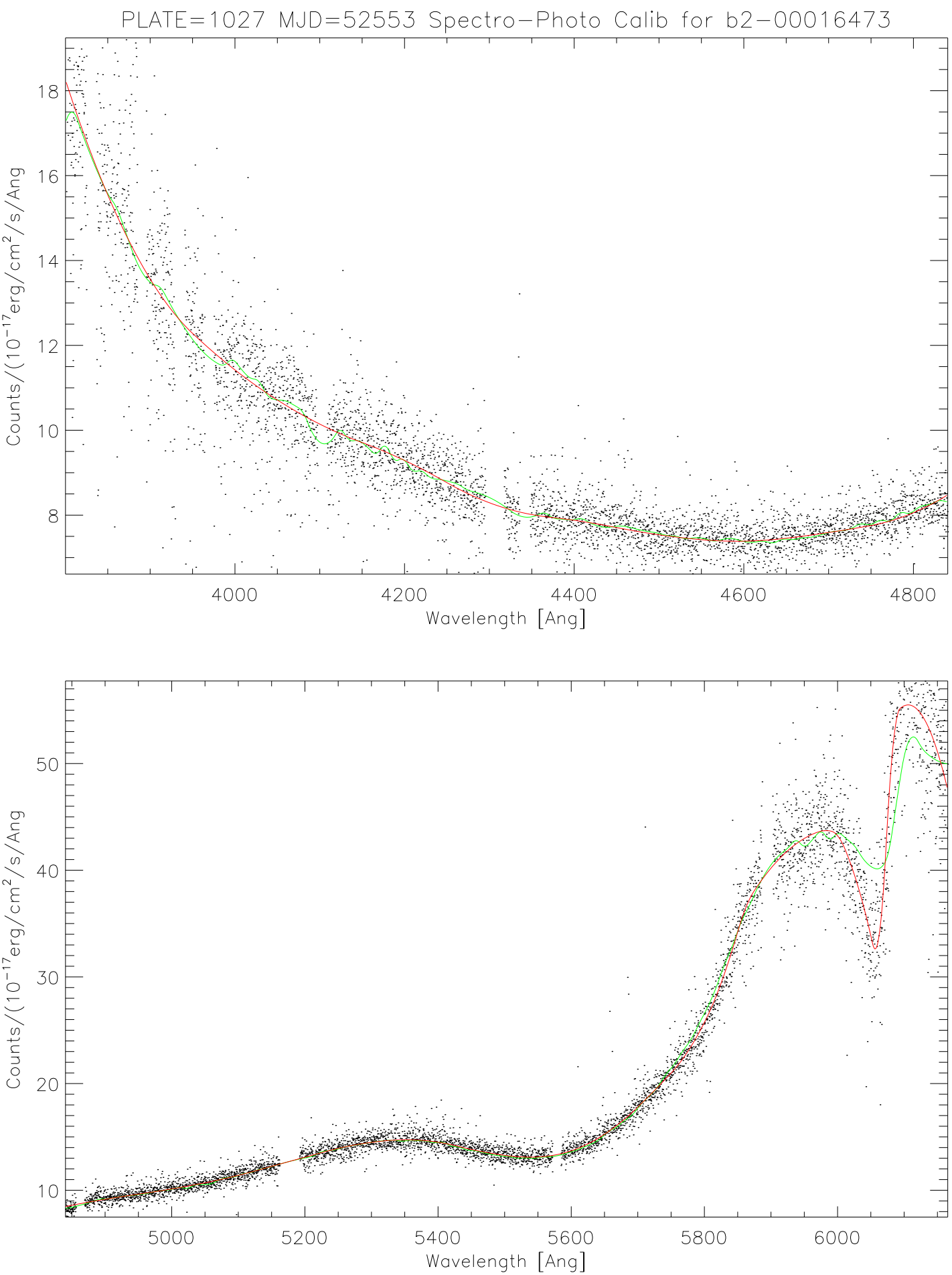
7000
8000
9000
Wavelength [Ang]


80
60
40
20
0
4000
4500
5000
5500
6000


0.2
0.1
0.0
−0.1
−0.2
4000
4500
5000
5500
6000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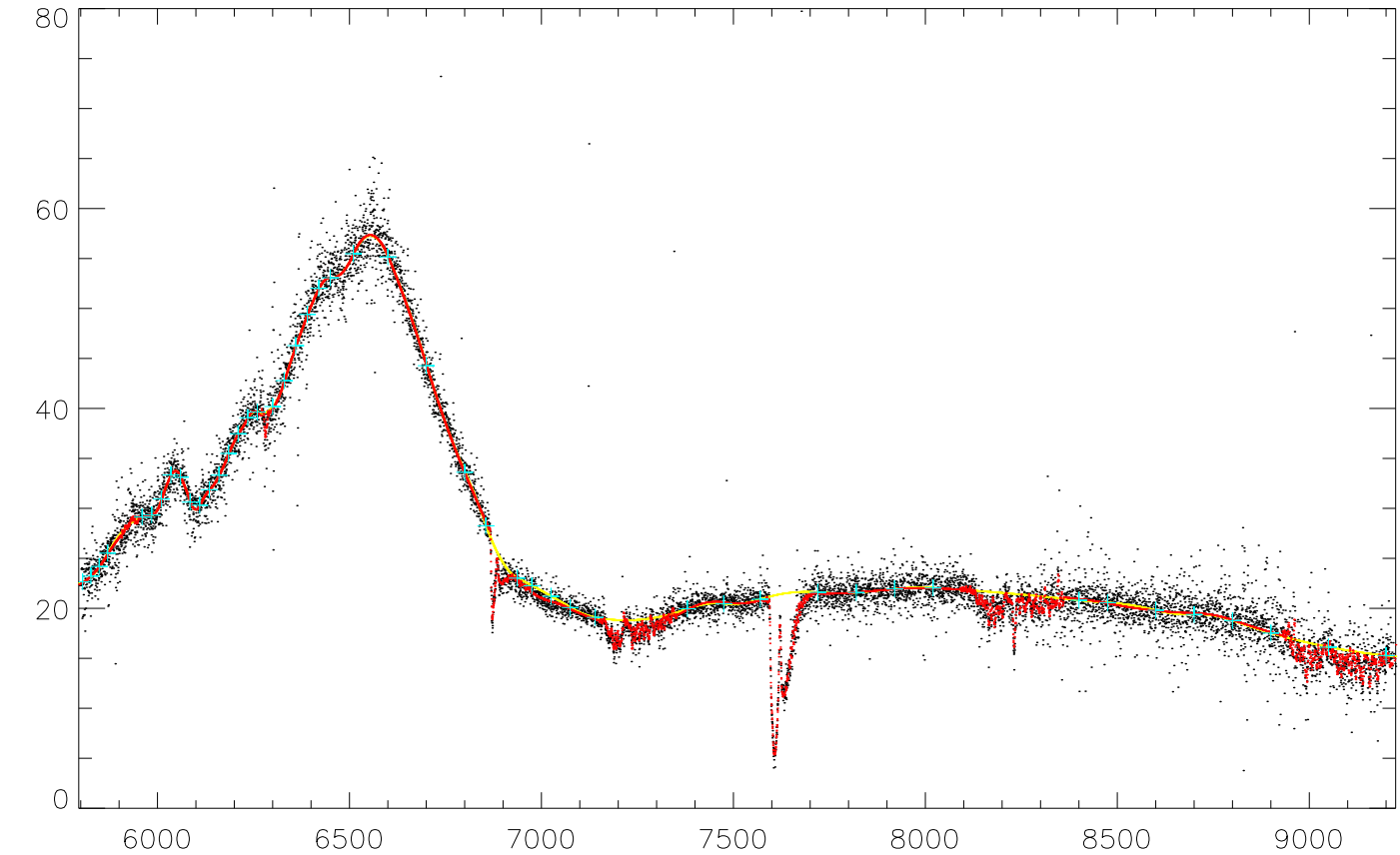
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
18
16
14
12
10
8
4000
4200
4400
4600
4800
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
50
40
30
20
10
5000
5200
5400
5600
5800
6000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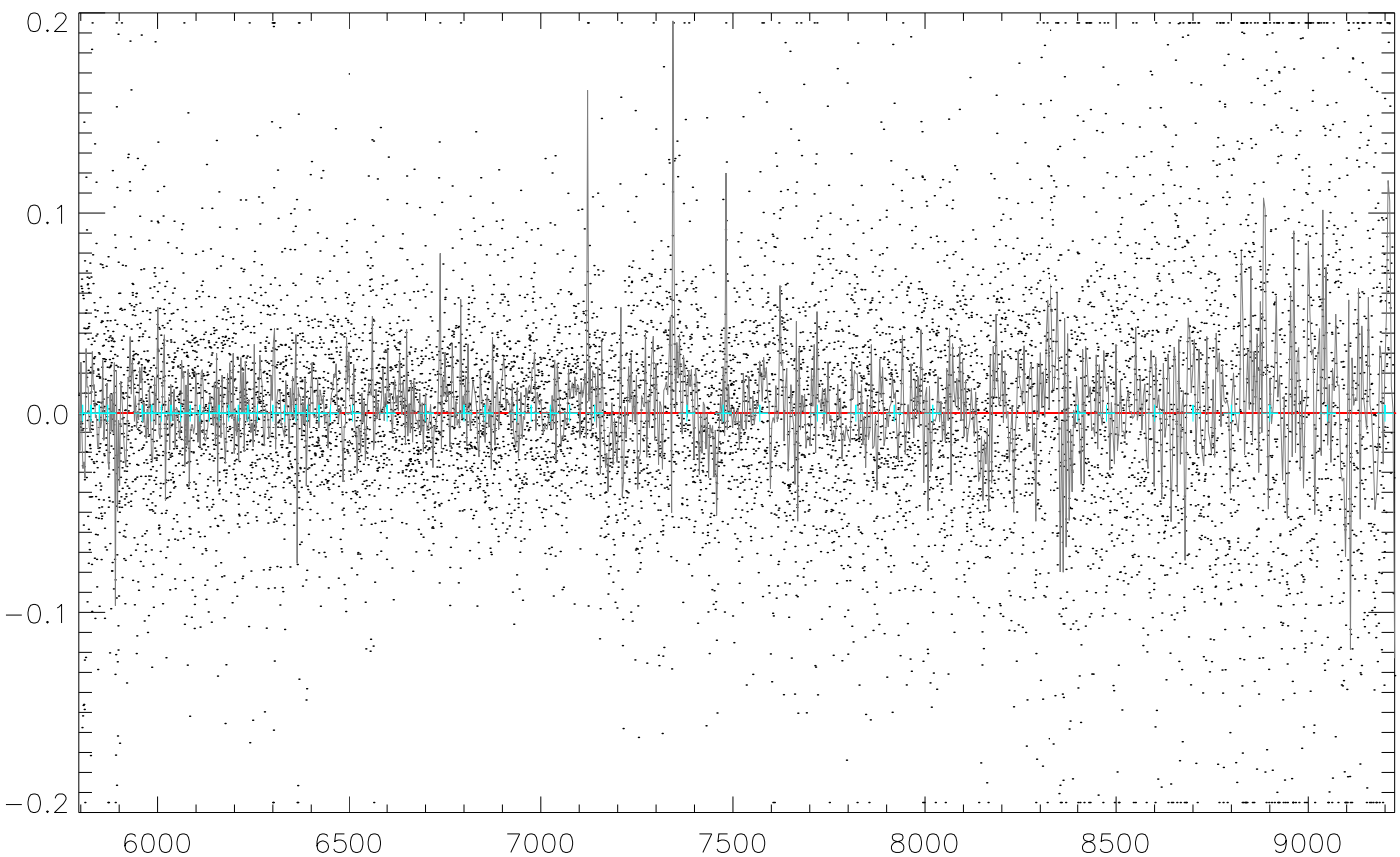
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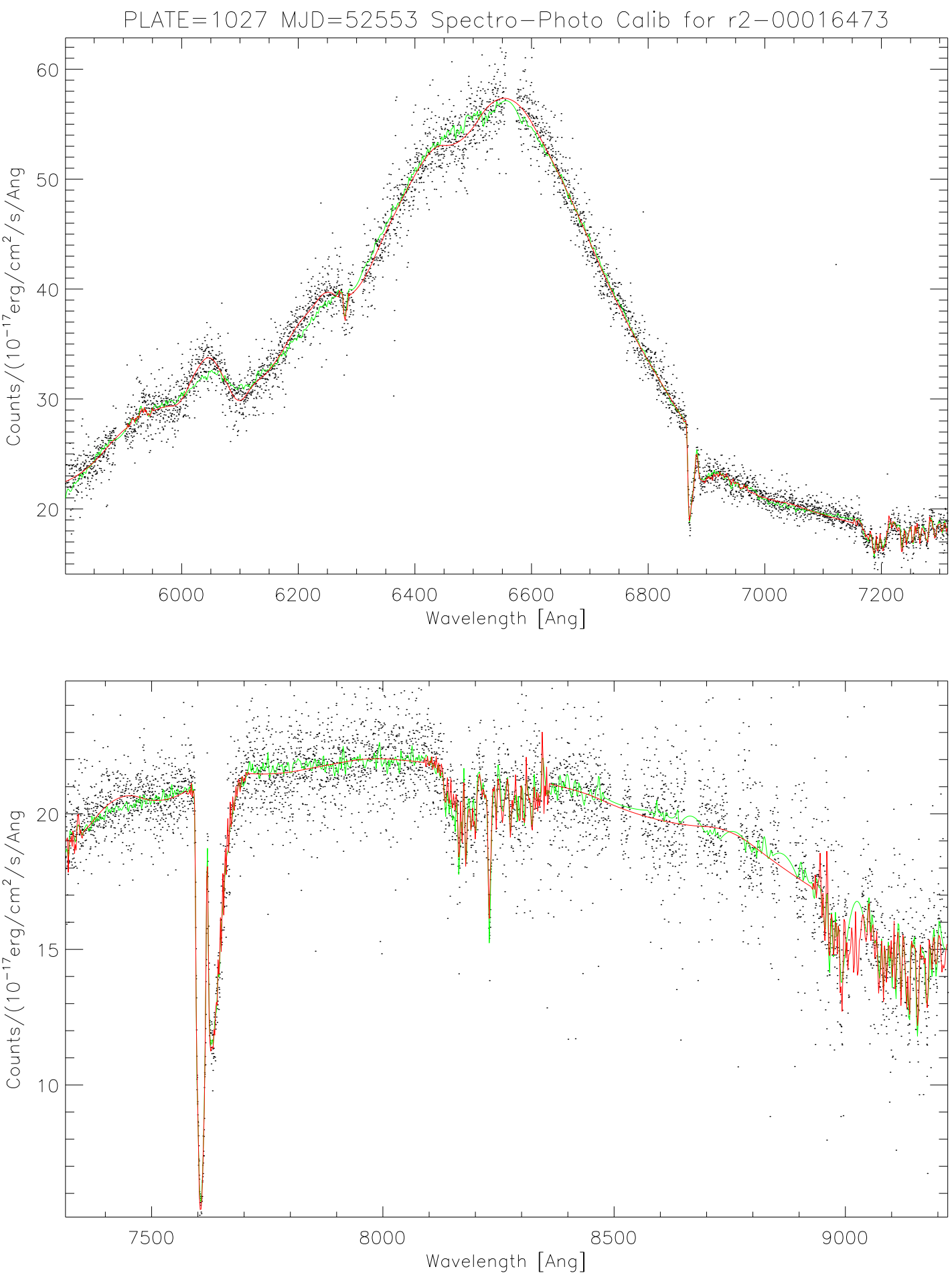
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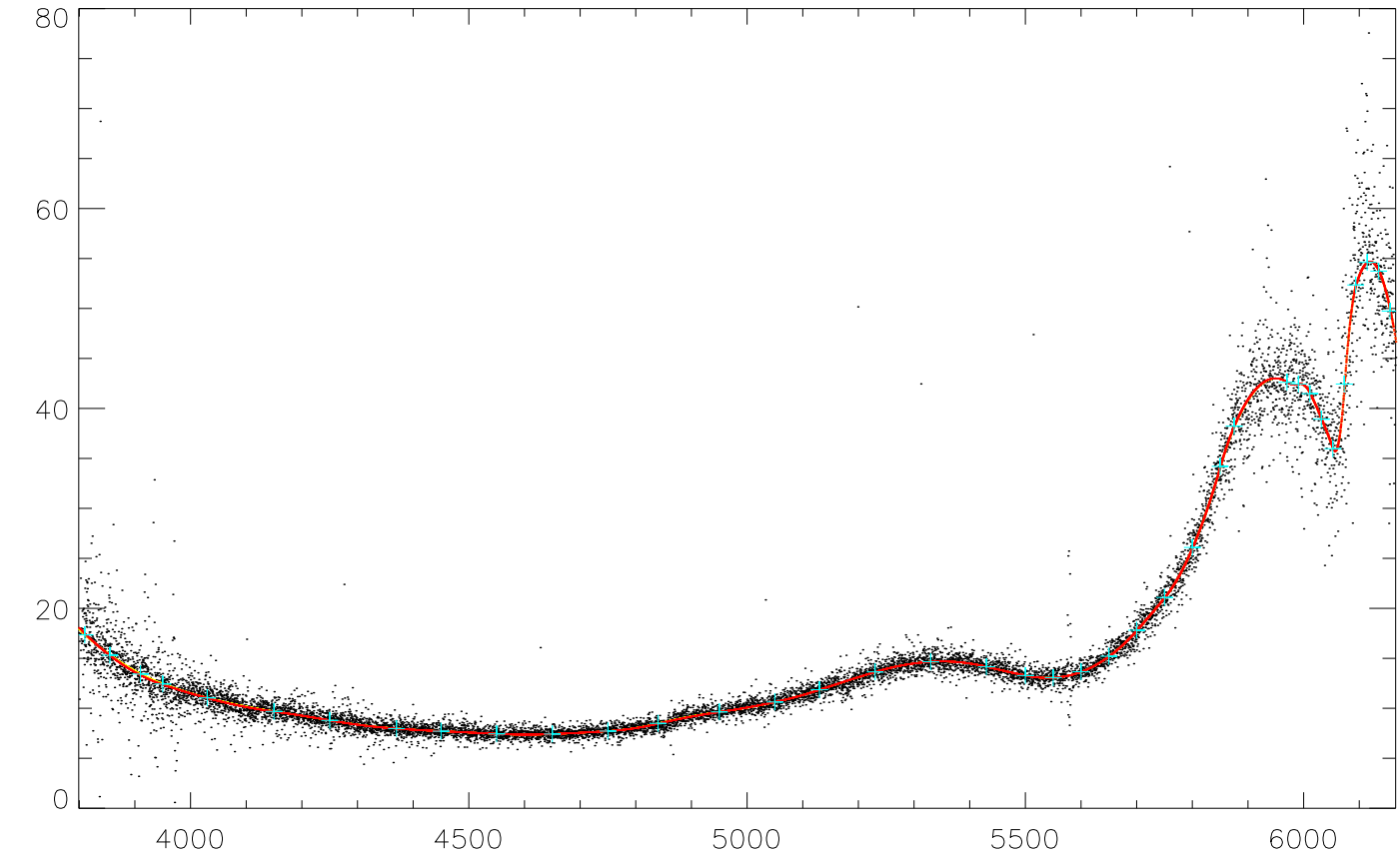
Counts/(10^-17 erg/cm^2/s/Ang
60
50
40
30
20
6000
6200
6400
6600
6800
7000
7200
Wavelength [Ang]
Counts/(10^-17 erg/cm^2/s/Ang
20
15
10
7500
8000
8500
9000
Wavelength [Ang]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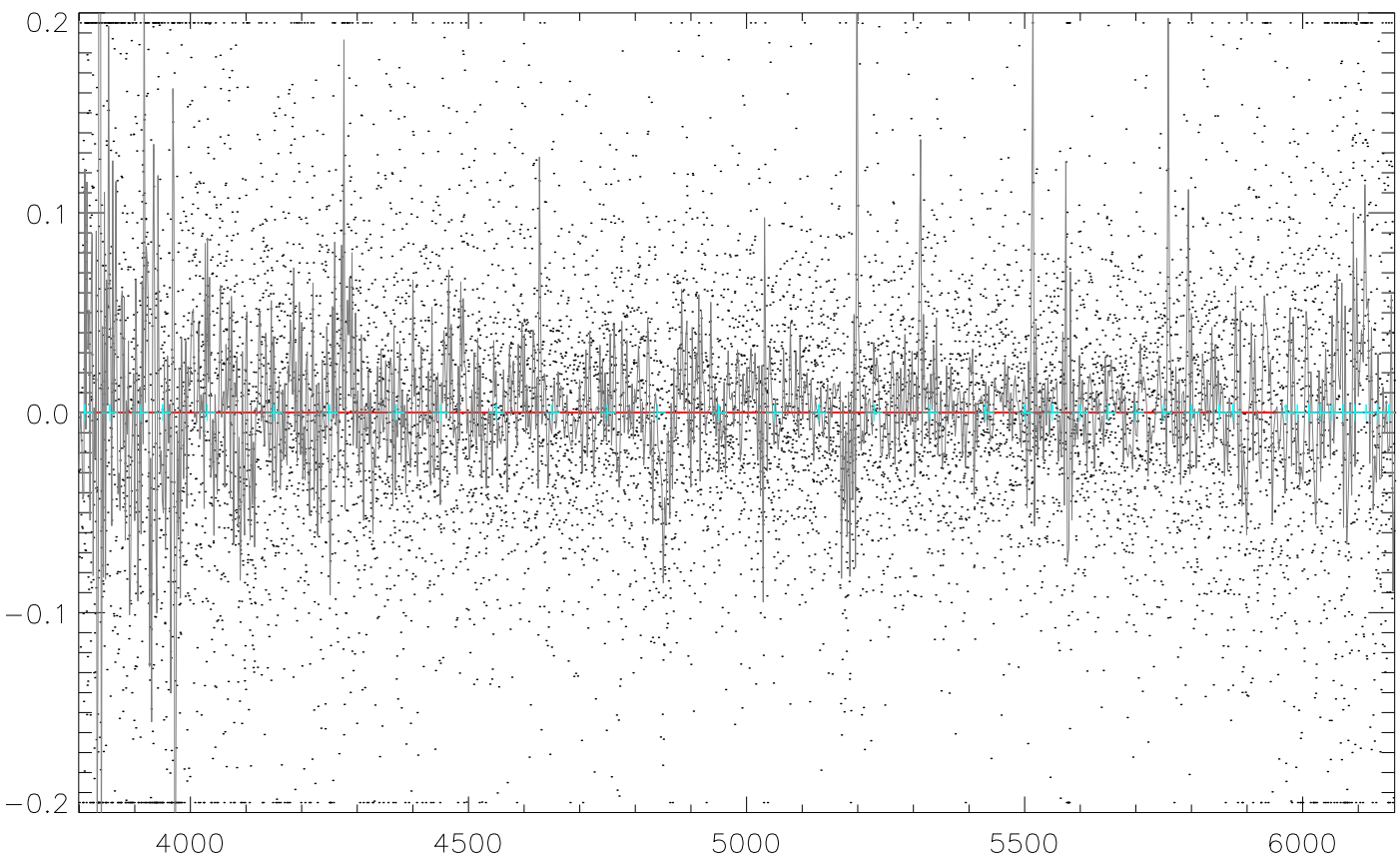
6000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5500
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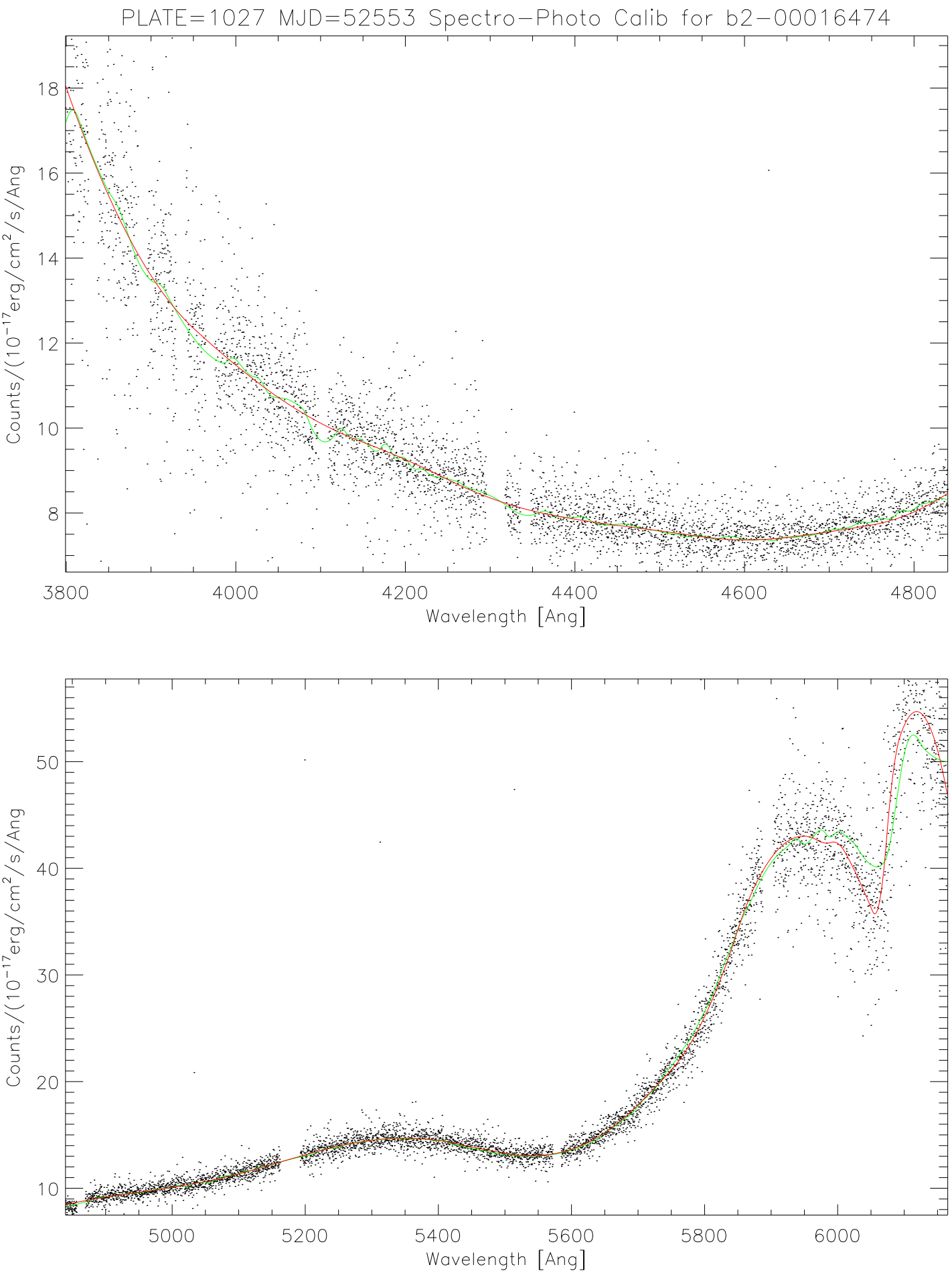
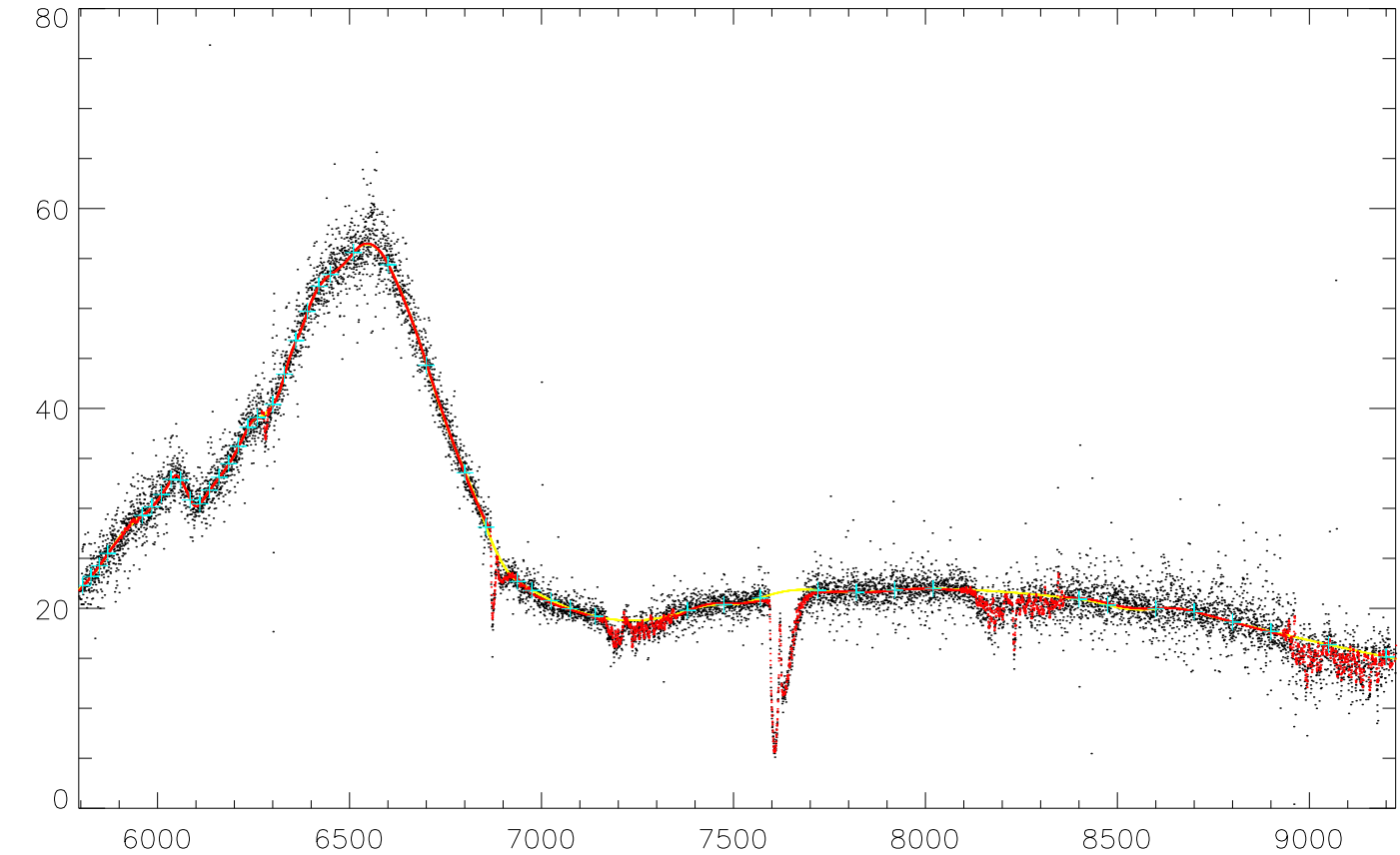

PLATE=1027 MJD=52553 Spectro−Photo Calib for b2−00016474
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
3800
4000
4200
4400
4600
4800
8
10
12
14
16
18
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
5000
5200
5400
5600
5800
6000
10
20
30
40
50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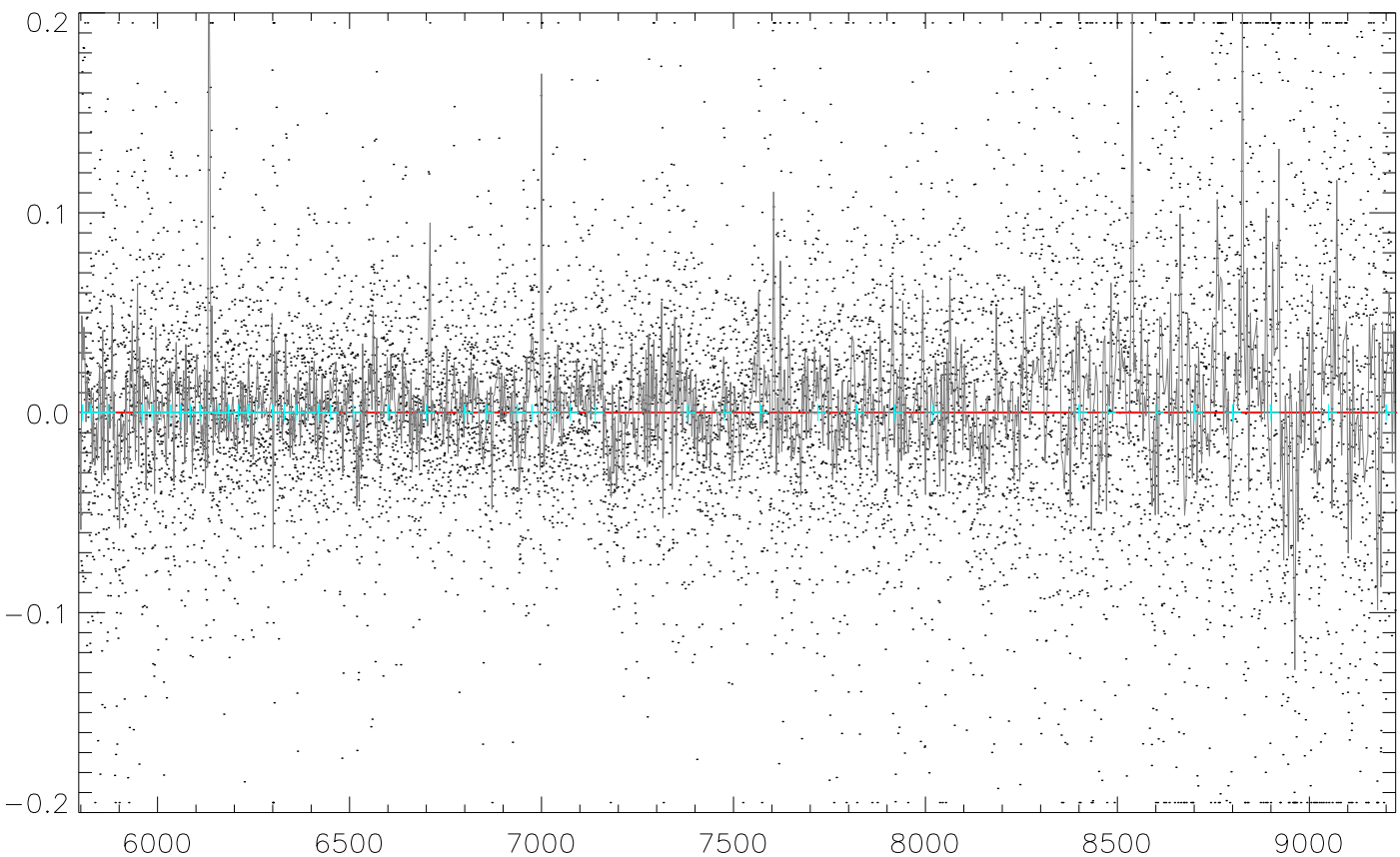
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8000
8500
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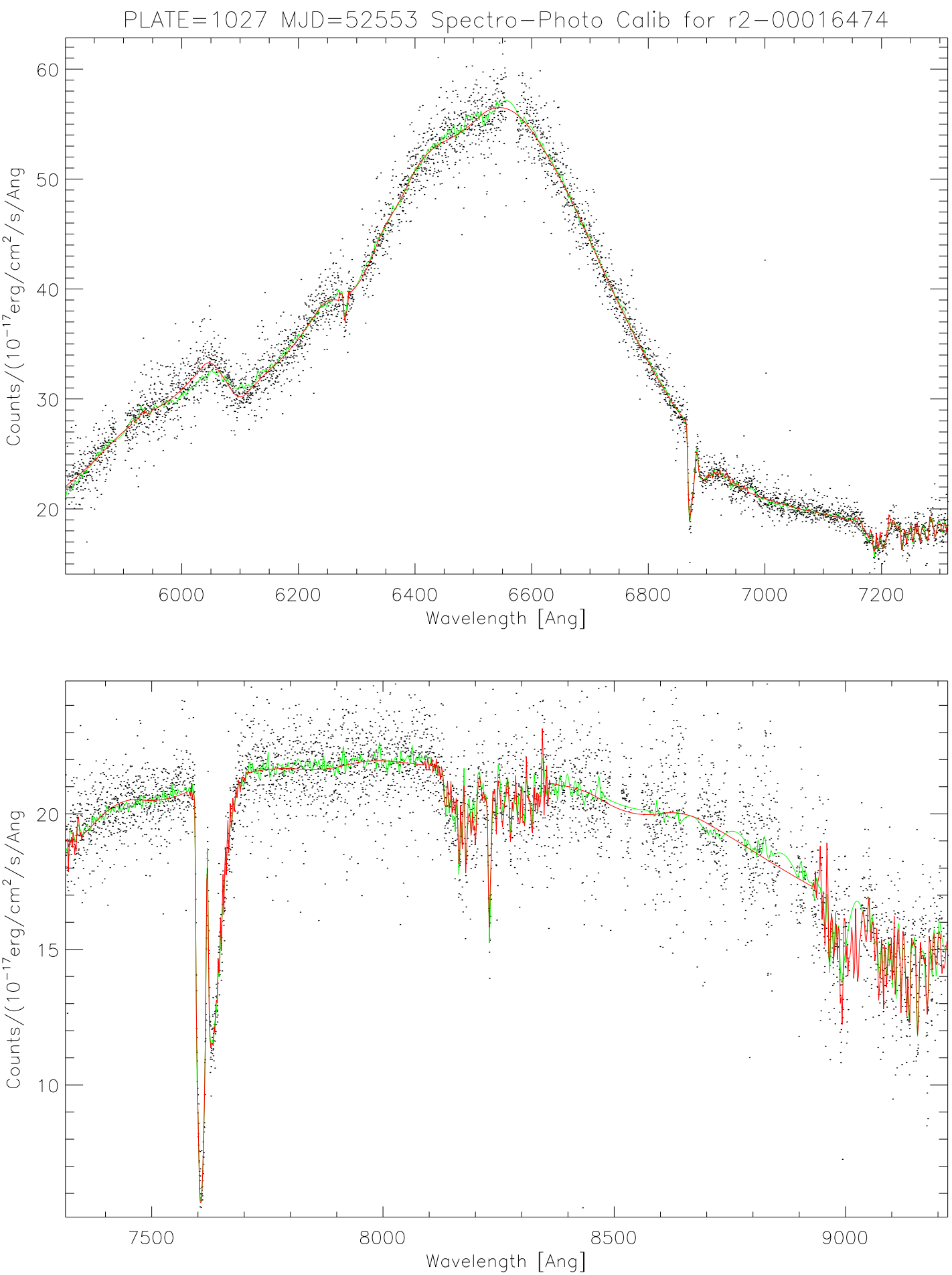
PLATE=1027 MJD=52553 Spectro−Photo Calib for r2−00016474
Counts/(10^-17 erg/cm^2/s/Ang
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50
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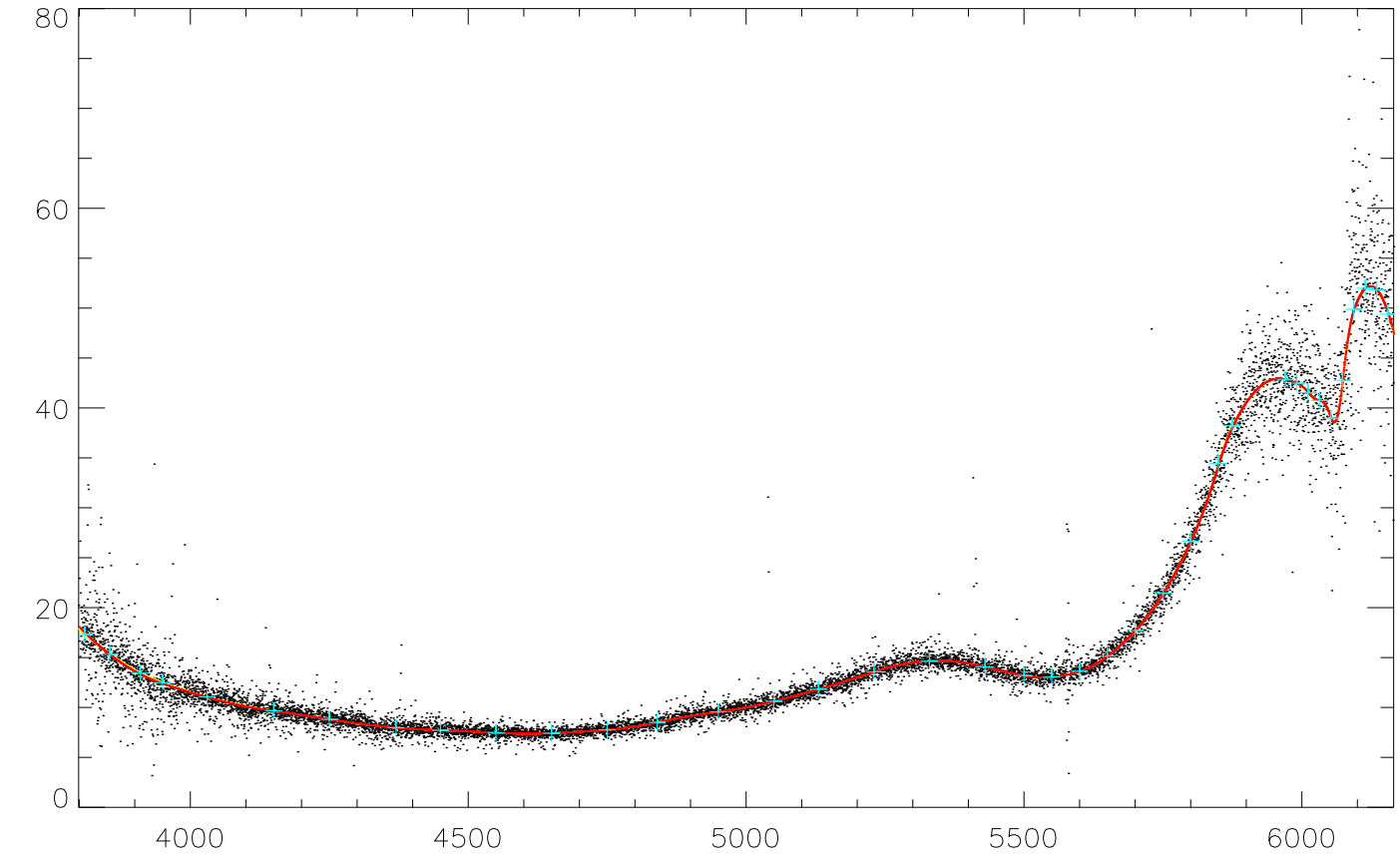
30
20
6000
6200
6400
6600
6800
7000
7200
Wavelength [Ang]
Counts/(10^-17 erg/cm^2/s/Ang
20
15
10
7500
8000
8500
9000
Wavelength [Ang]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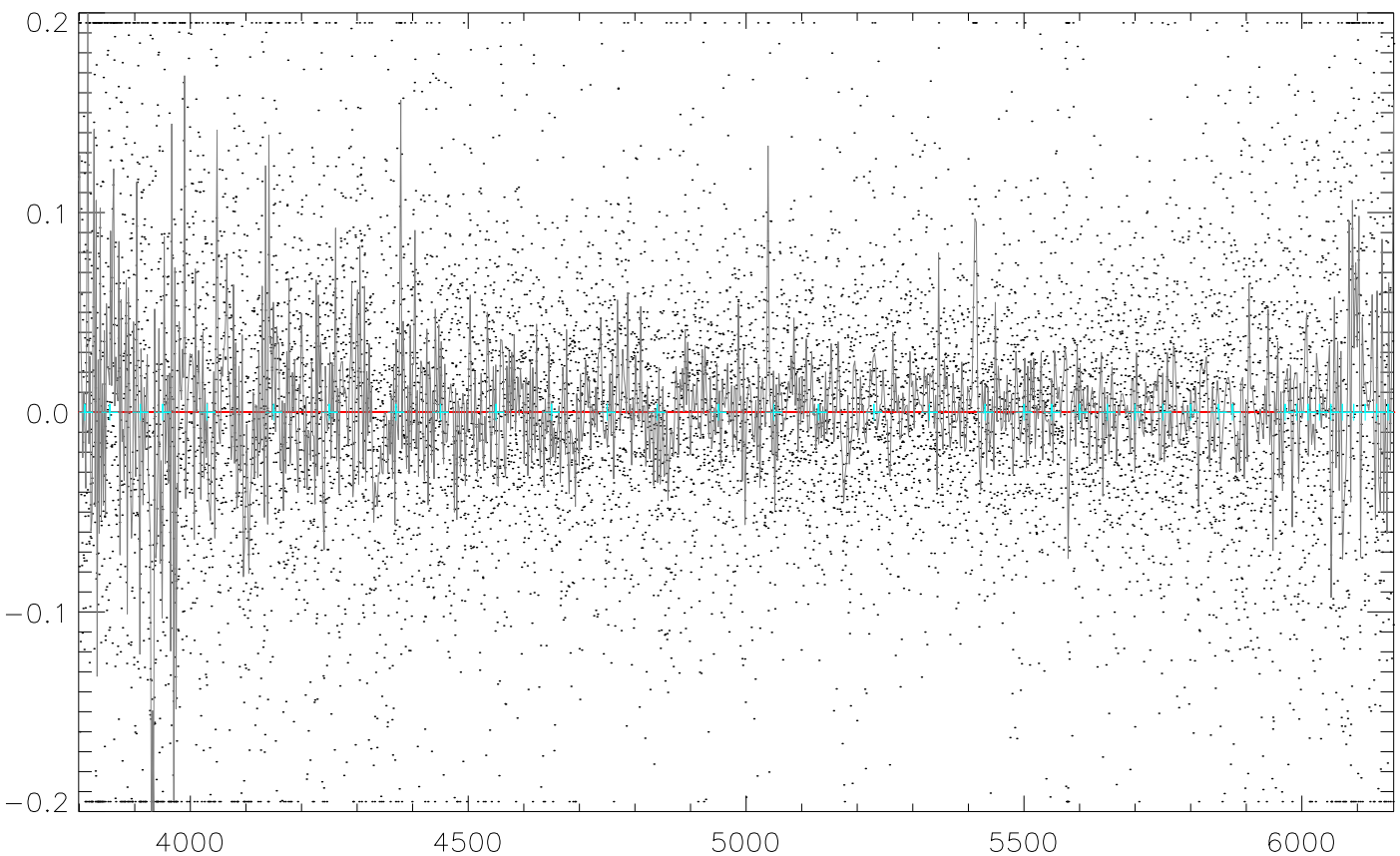
0
4000
4500
5000
5500
6000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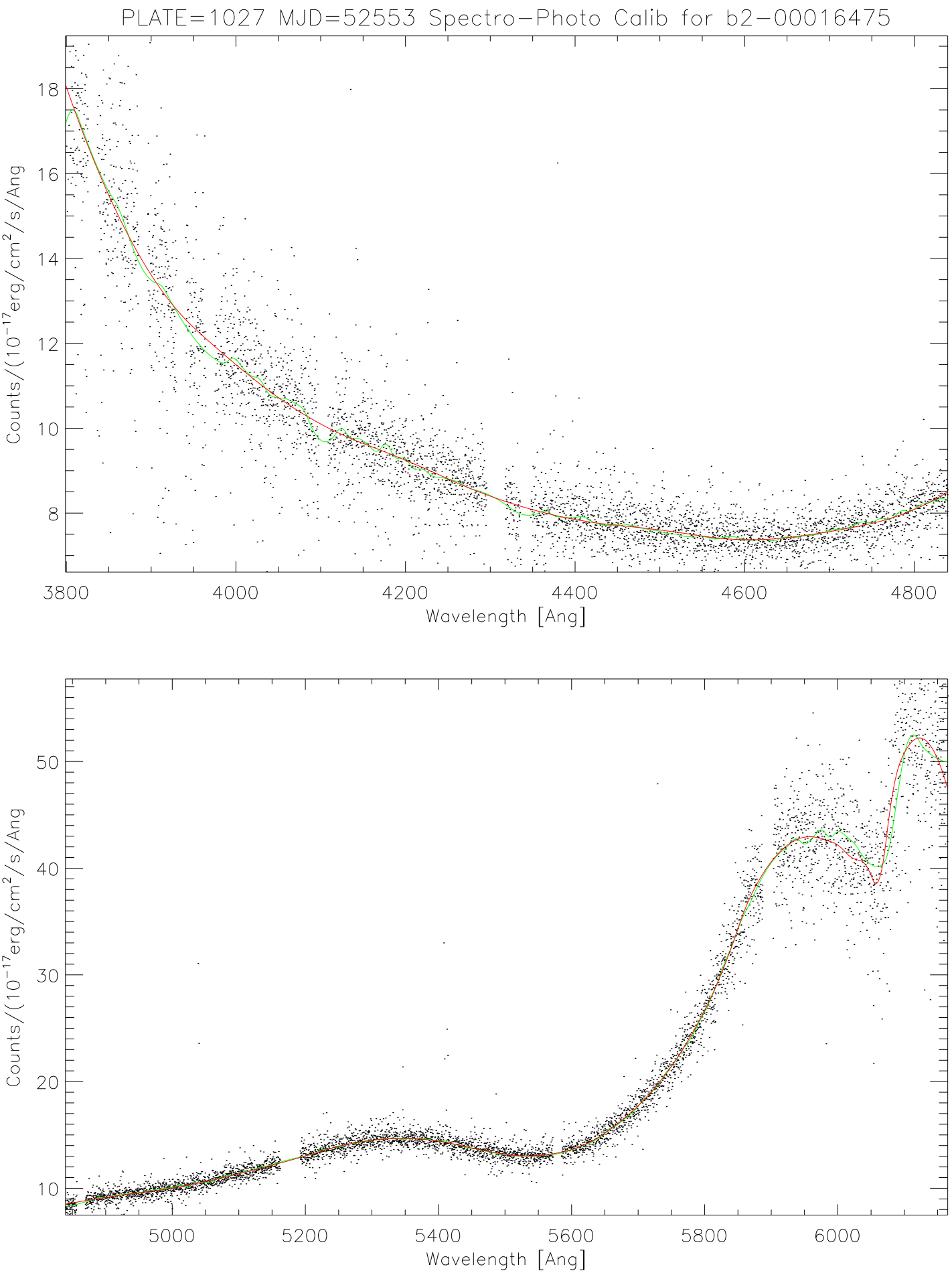
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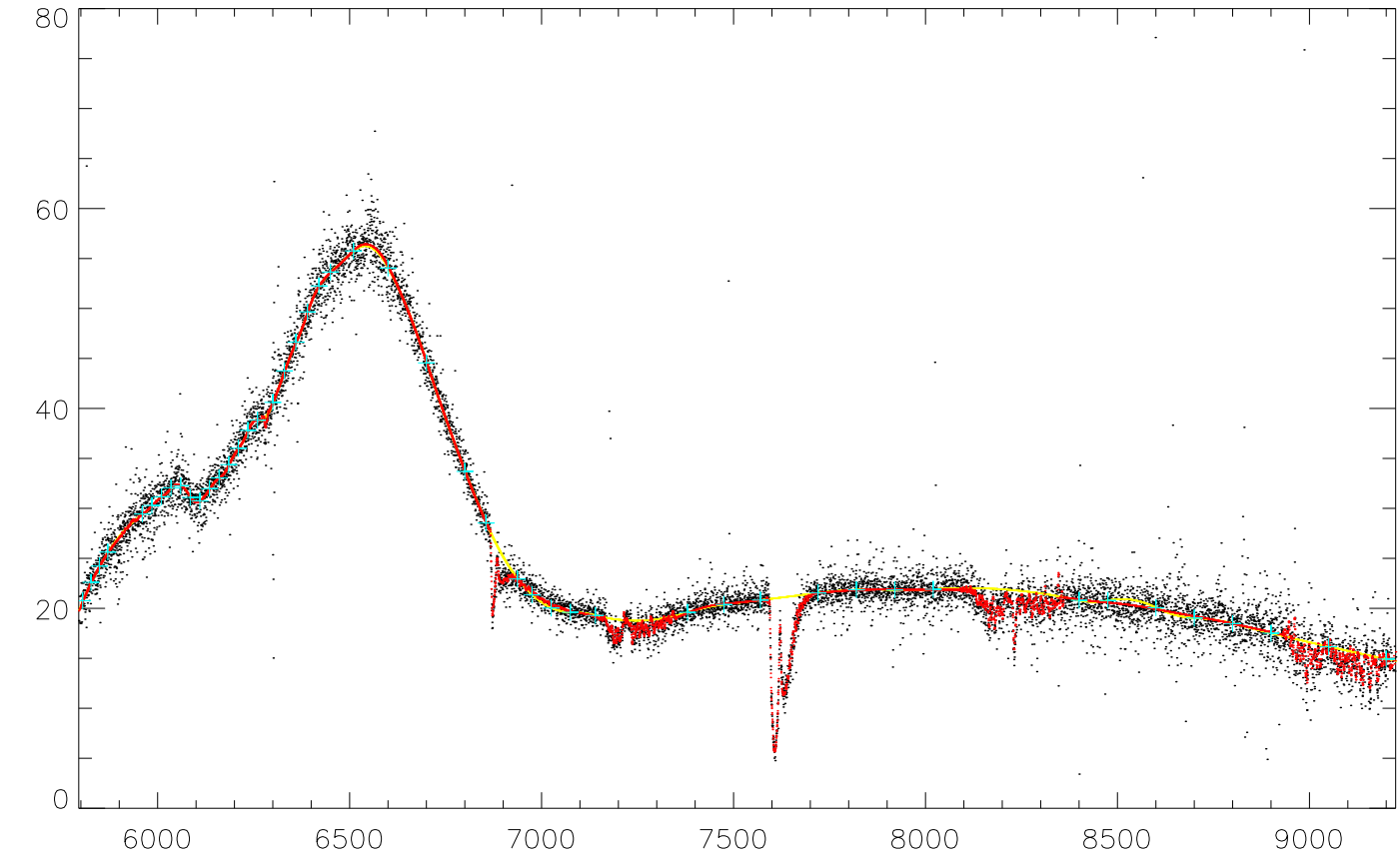
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
3800
4000
4200
4400
4600
4800
8
10
12
14
16
18
5000
5200
5400
5600
5800
6000
10
20
30
40
50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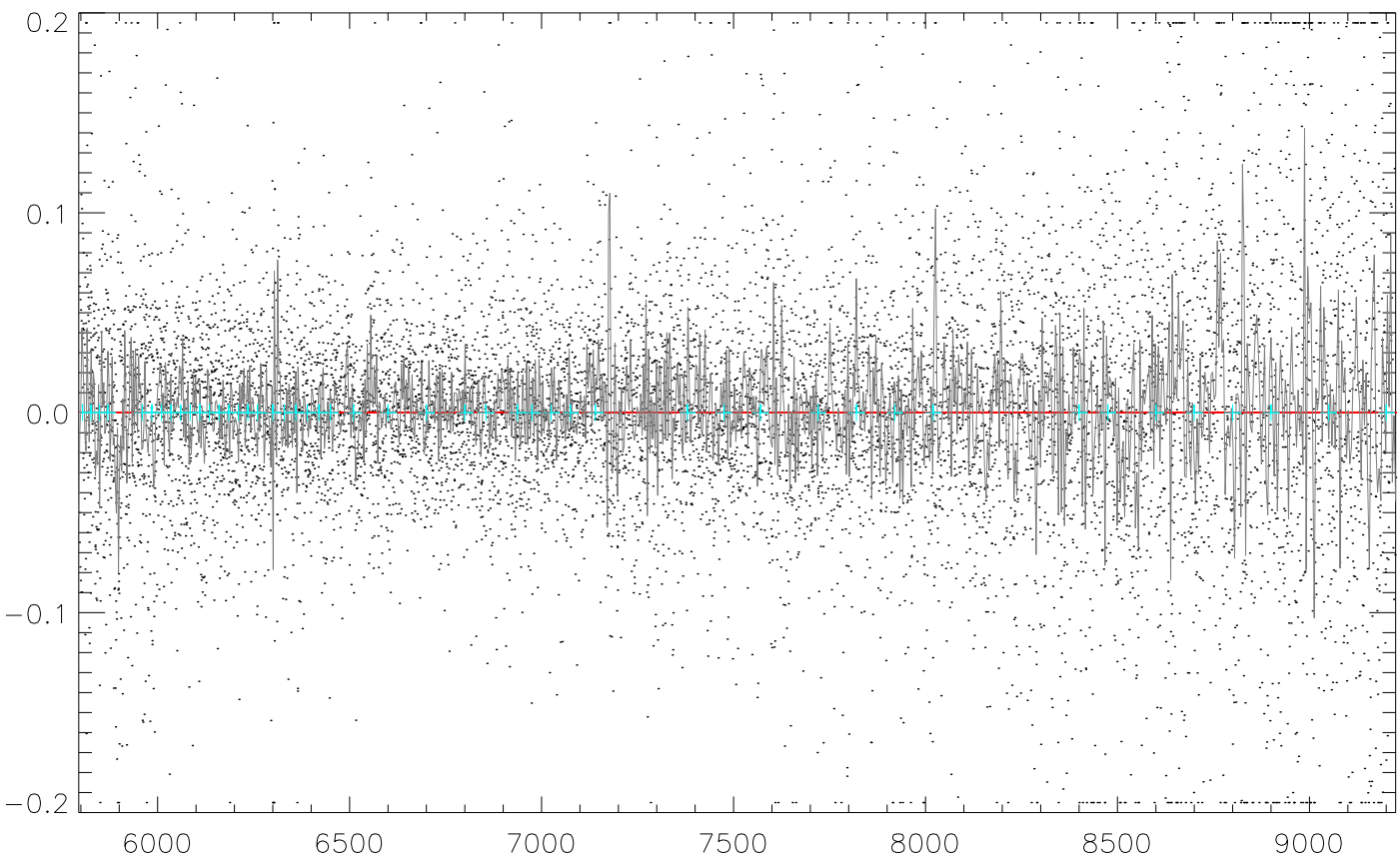
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6500
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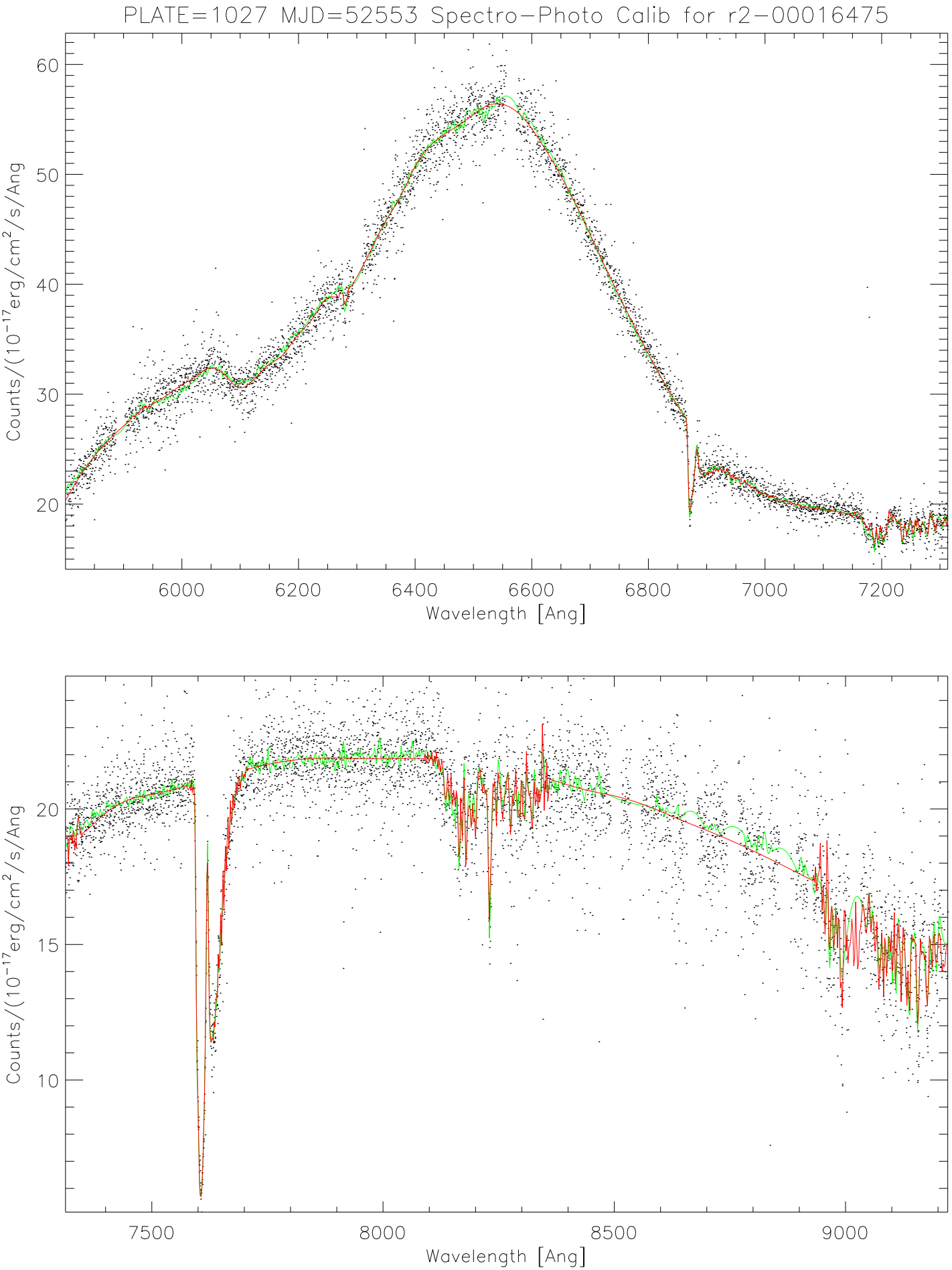
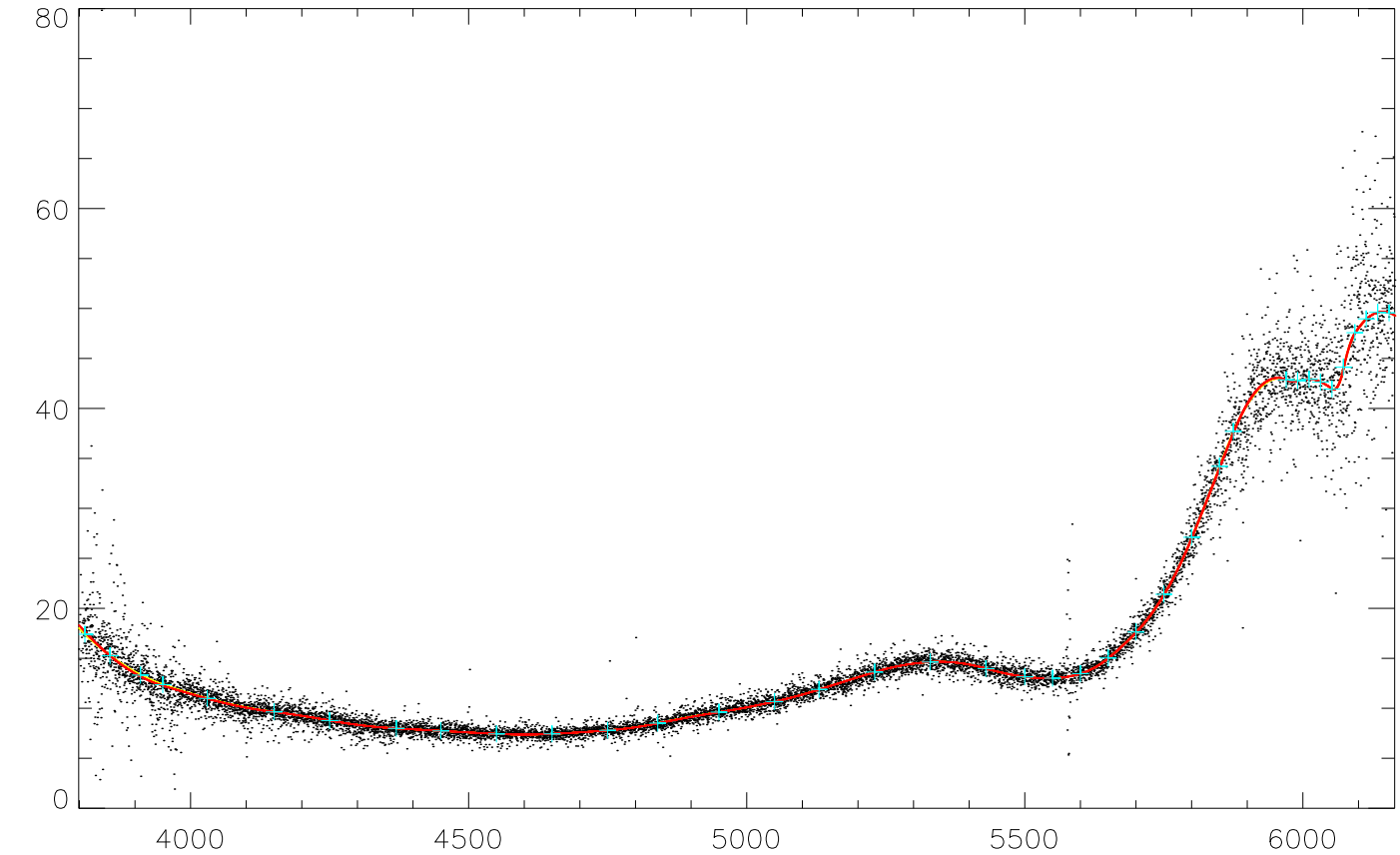
8000
8500
9000


PLATE=1027 MJD=52553 Spectro−Photo Calib for r2−00016475
Counts/(10^-17 erg/cm^2/s/Ang
60
50
40
30
20
6000
6200
6400
6600
6800
7000
7200
Wavelength [Ang]
Counts/(10^-17 erg/cm^2/s/Ang
20
15
10
7500
8000
8500
9000
Wavelength [Ang]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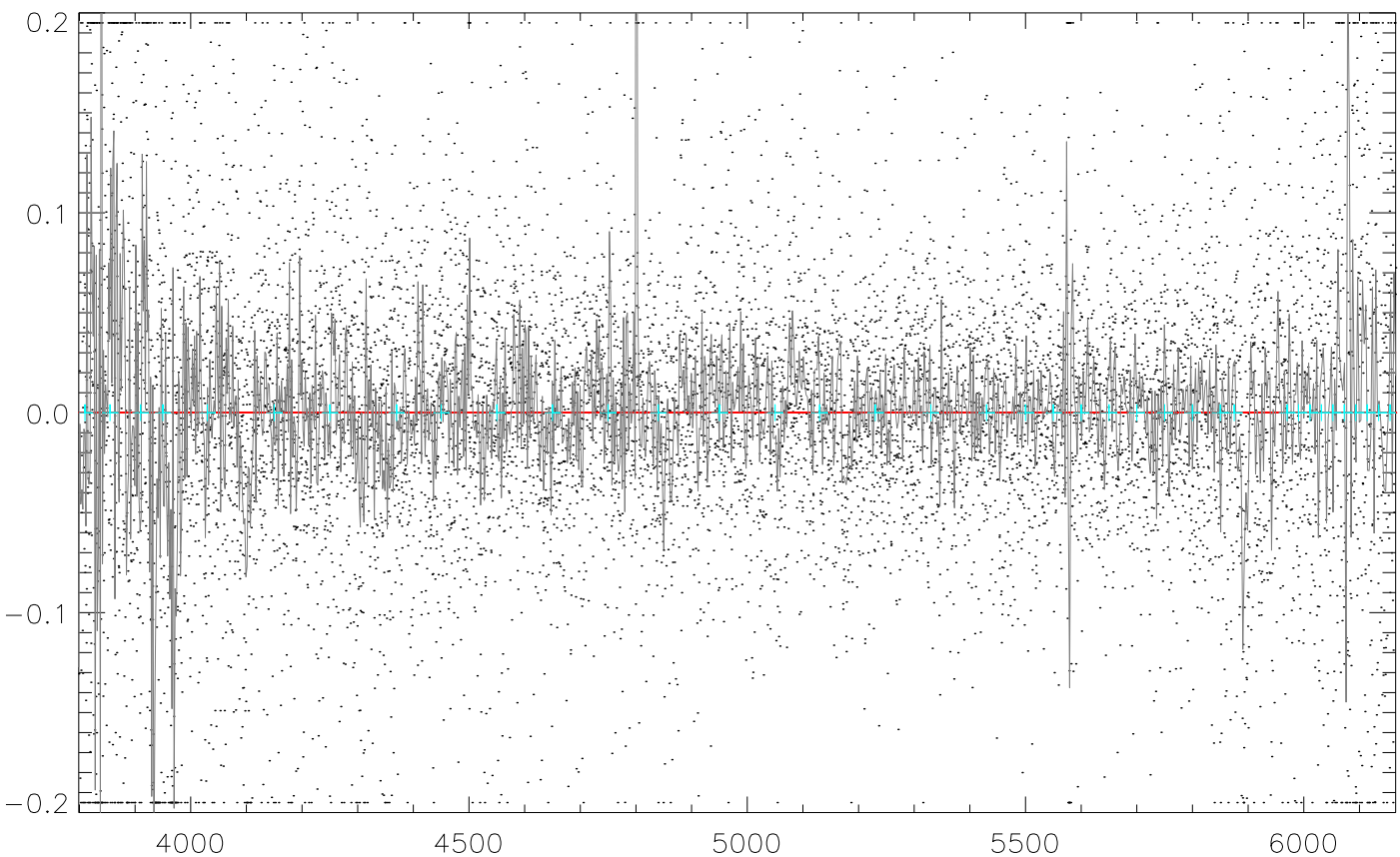
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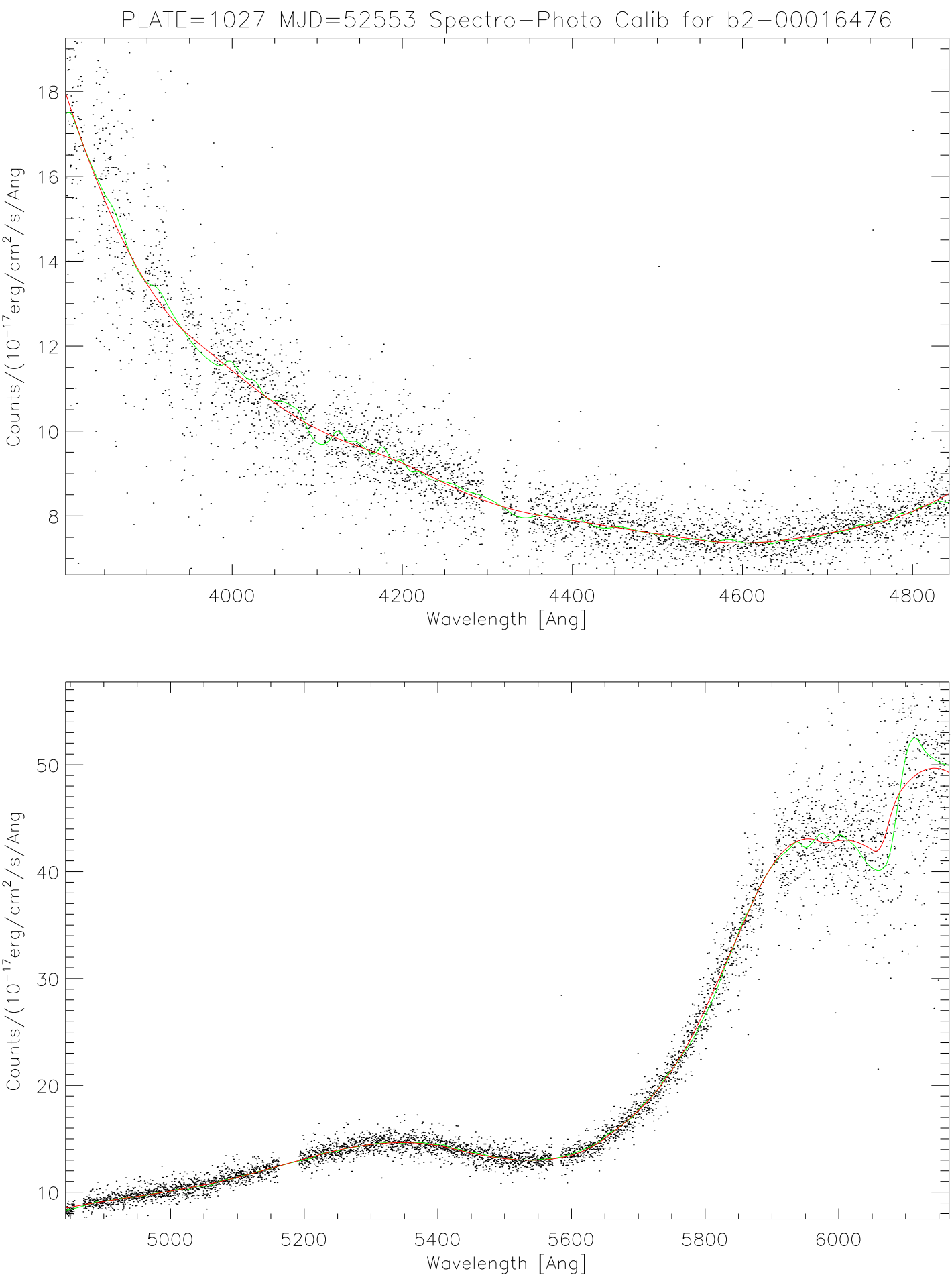
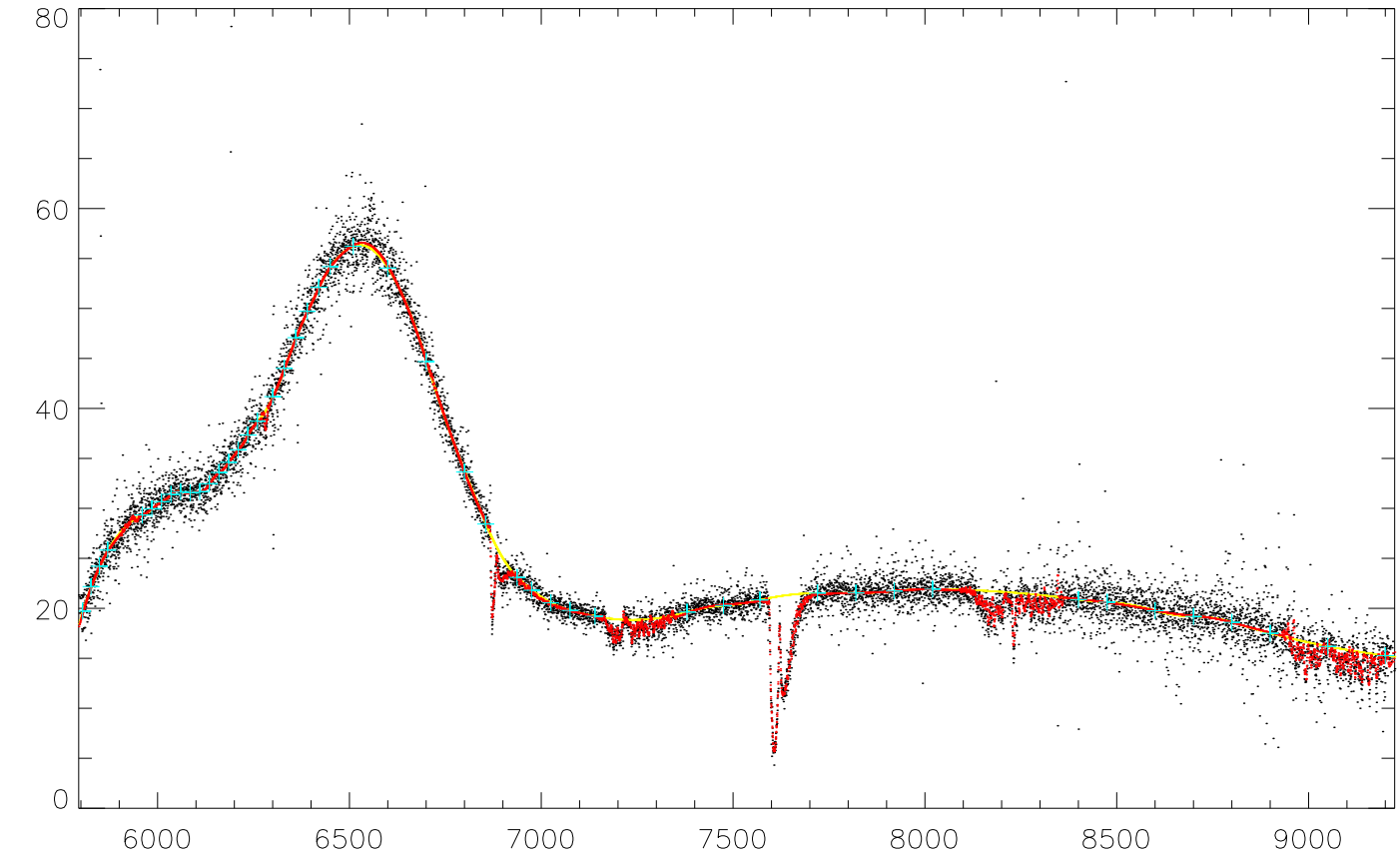

PLATE=1027 MJD=52553 Spectro−Photo Calib for b2−00016476
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
18
16
14
12
10
8
4000
4200
4400
4600
4800
50
40
30
20
10
5000
5200
5400
5600
5800
6000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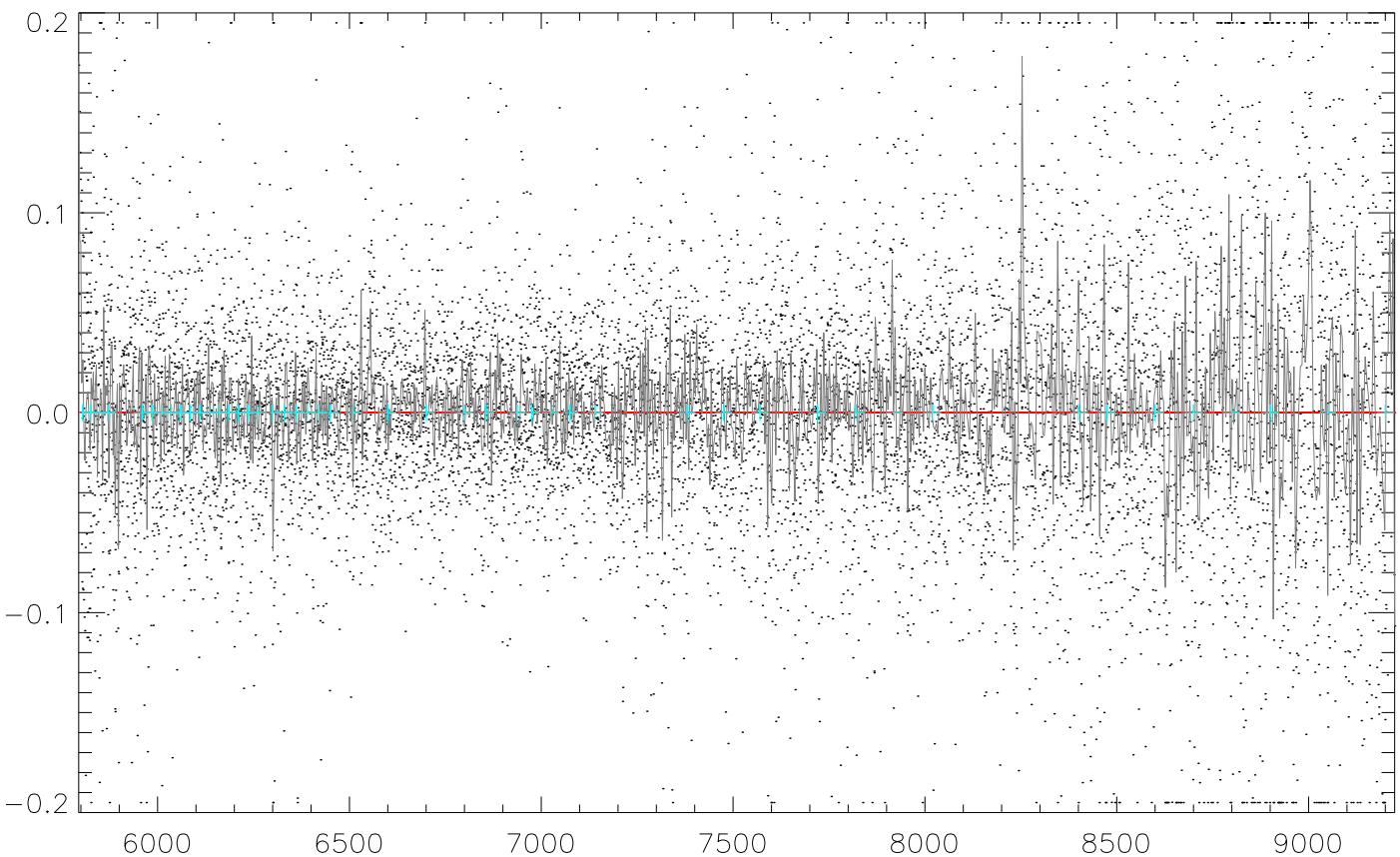
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0.1
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−0.2
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6500
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8500
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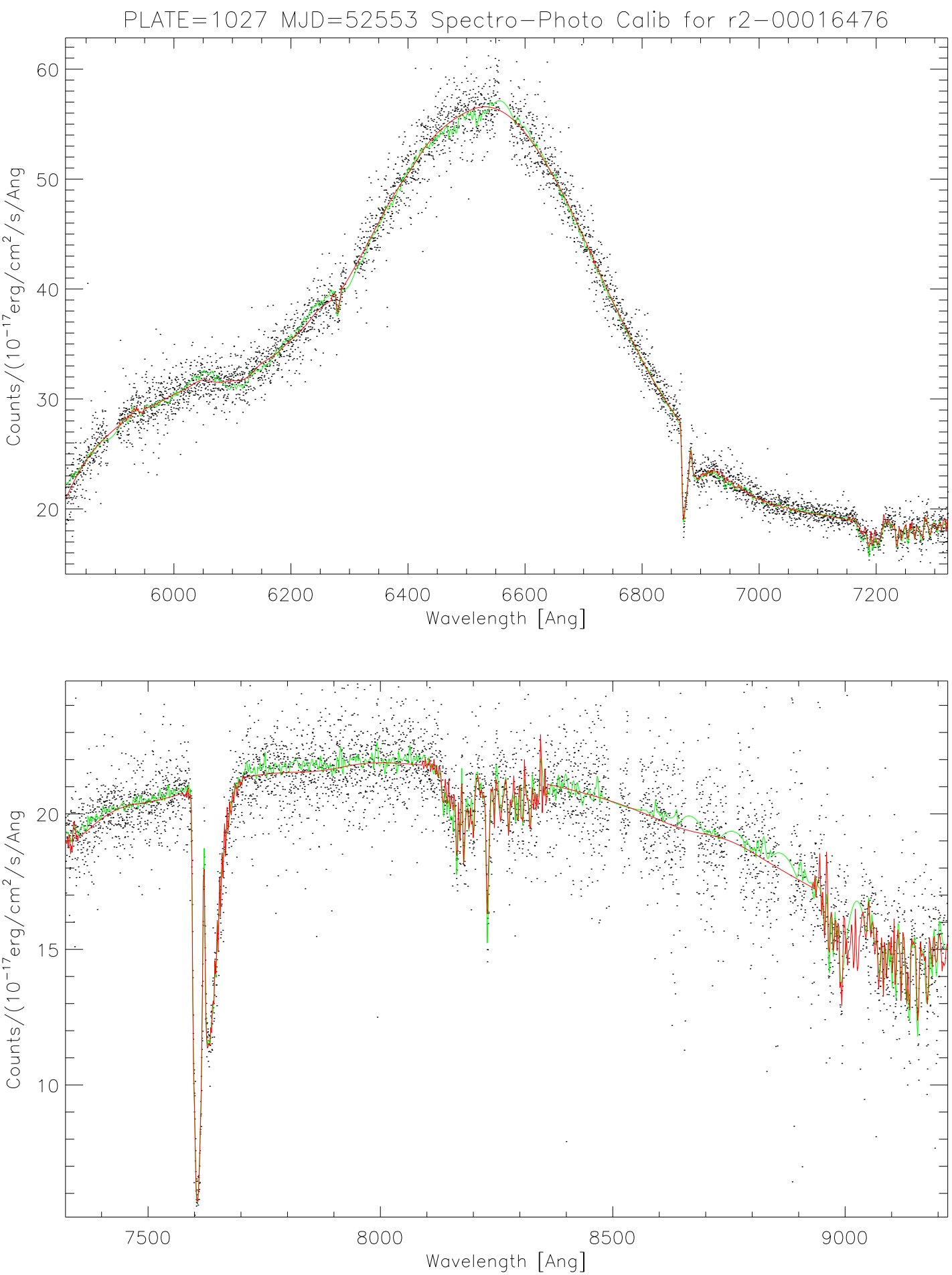
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Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
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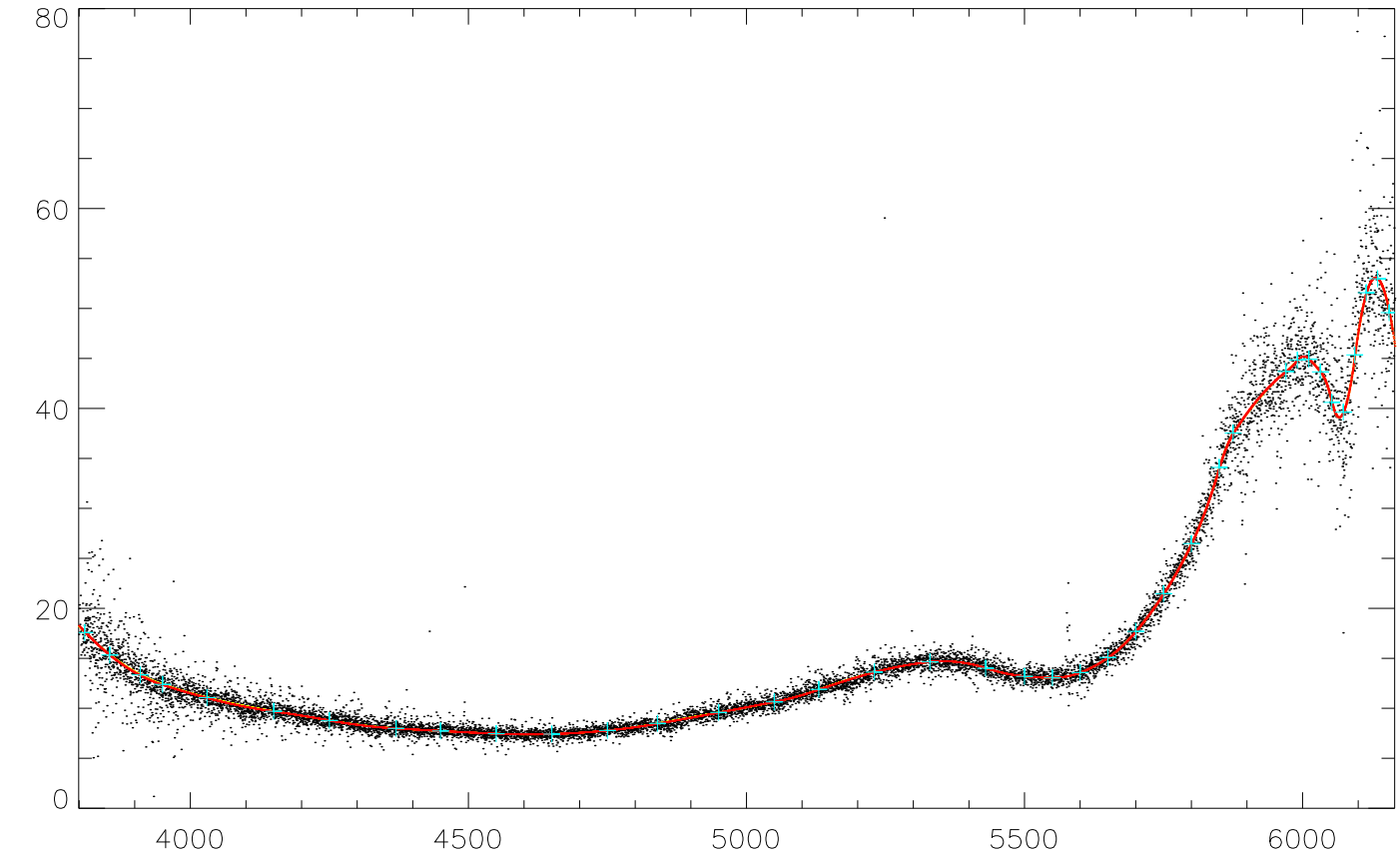
50
40
30
20
6000
6200
6400
6600
6800
7000
7200
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
20
15
10
7500
8000
8500
9000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5000
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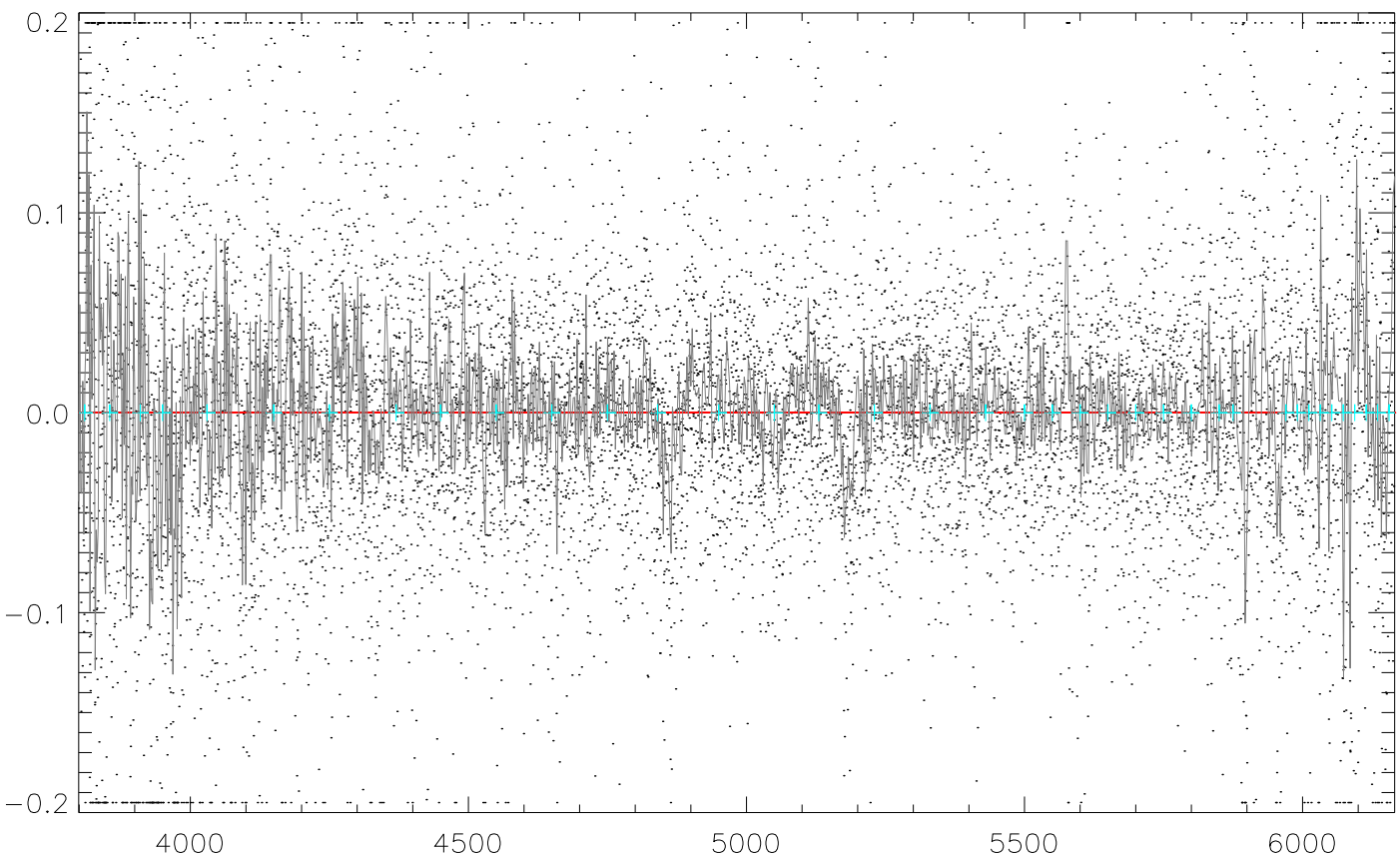
6000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−0.2
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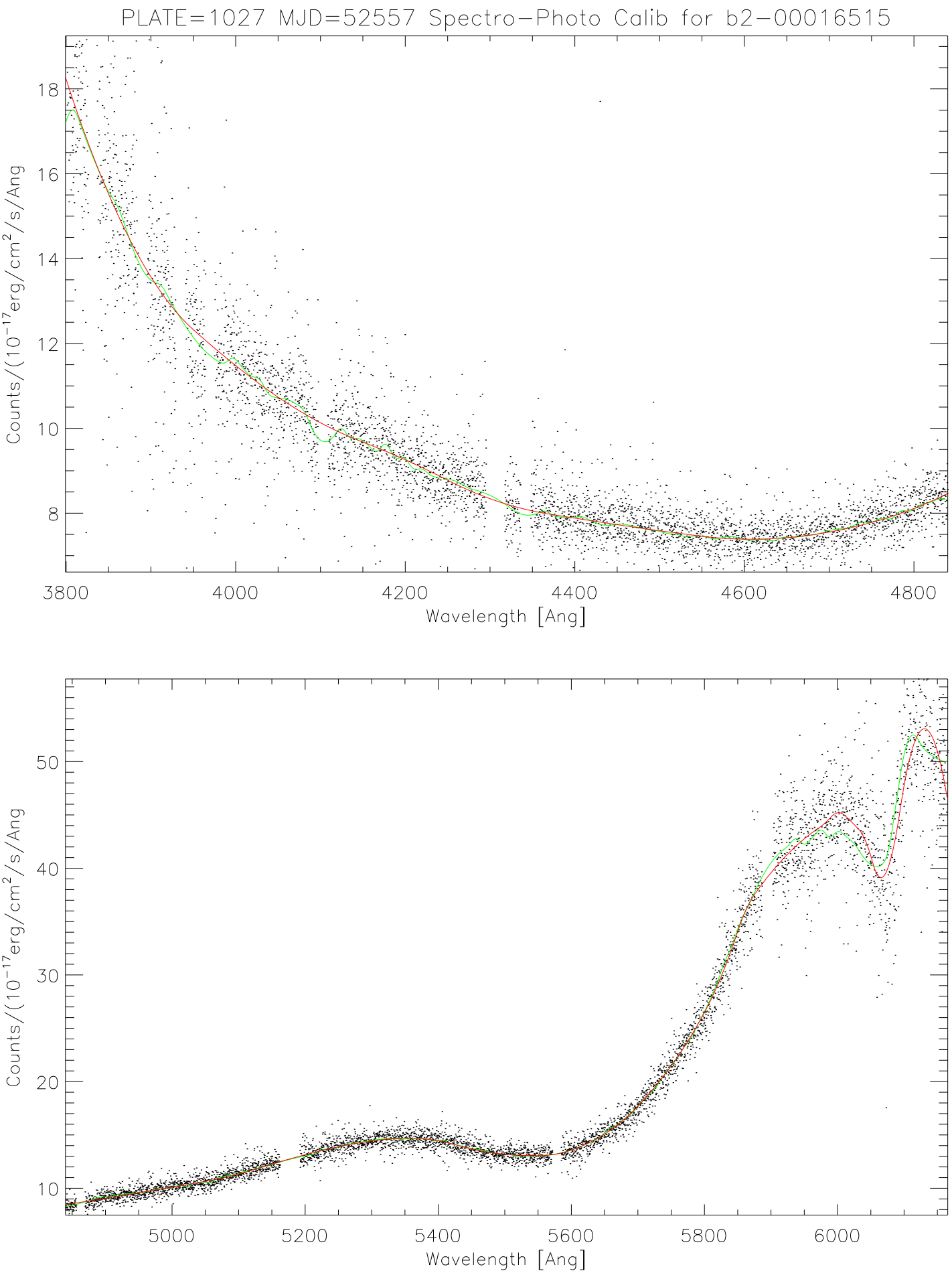
4500
5000
5500
6000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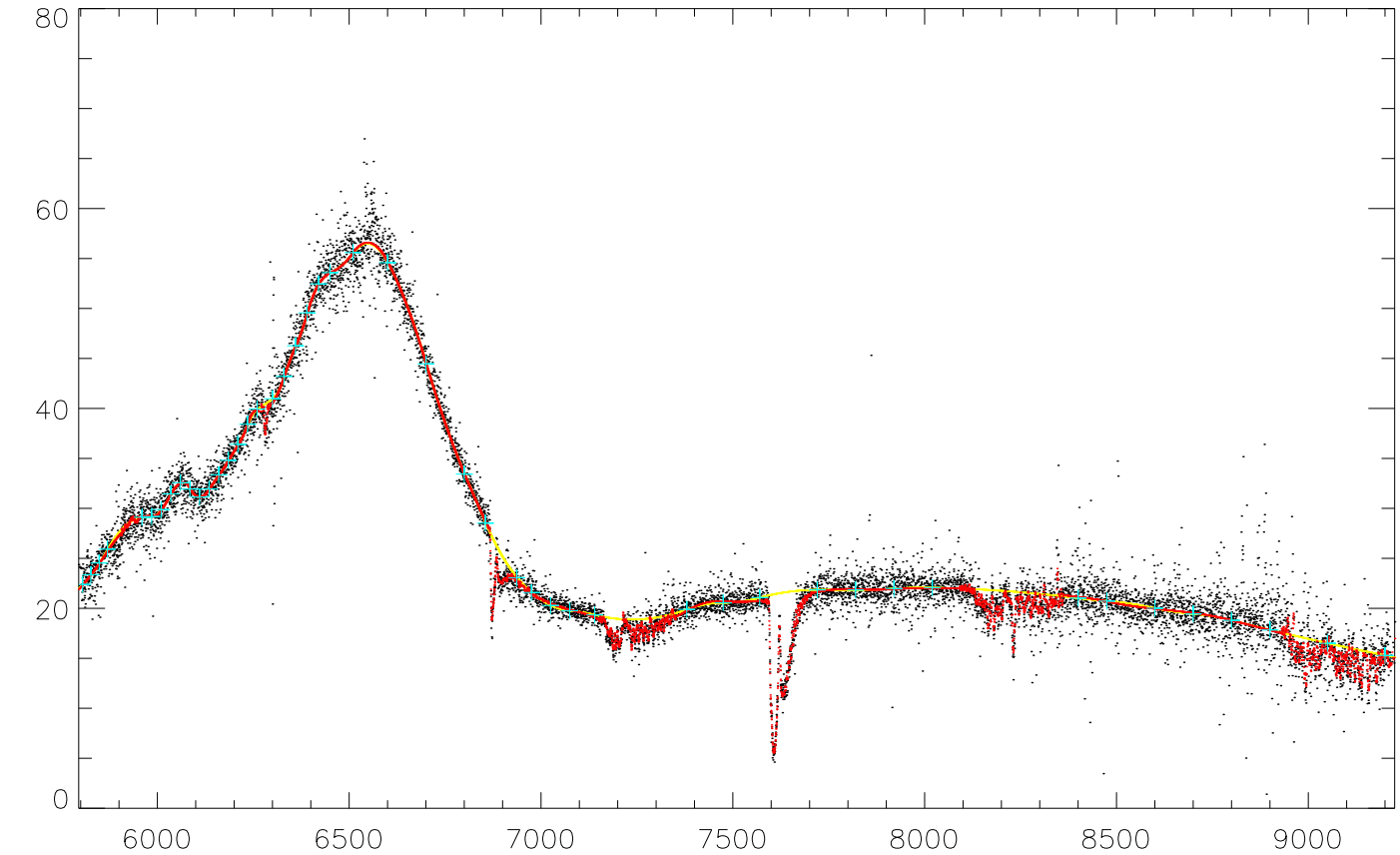
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
3800
4000
4200
4400
4600
4800
8
10
12
14
16
18
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
5000
5200
5400
5600
5800
6000
10
20
30
40
50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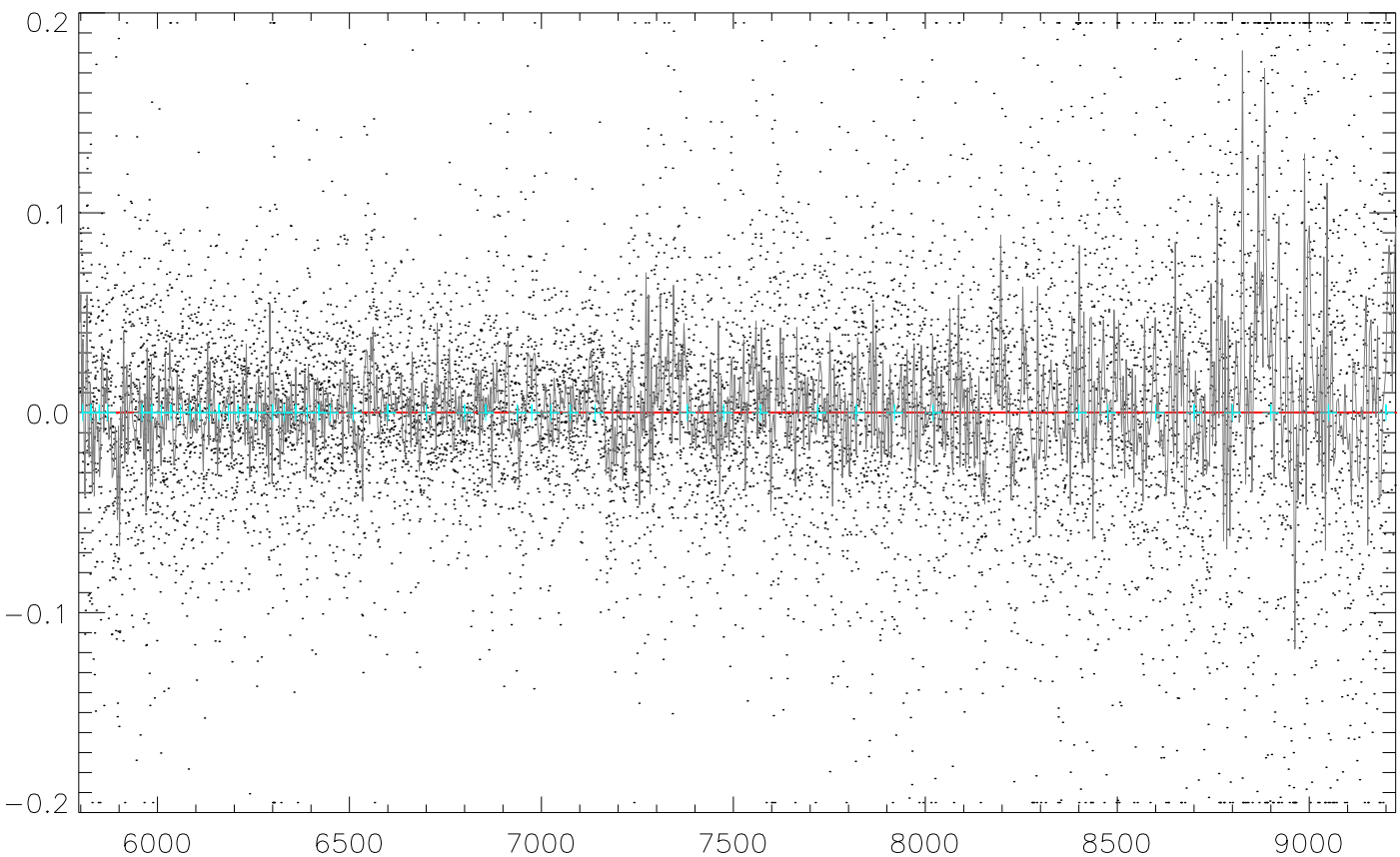
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6000
6500
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8000
8500
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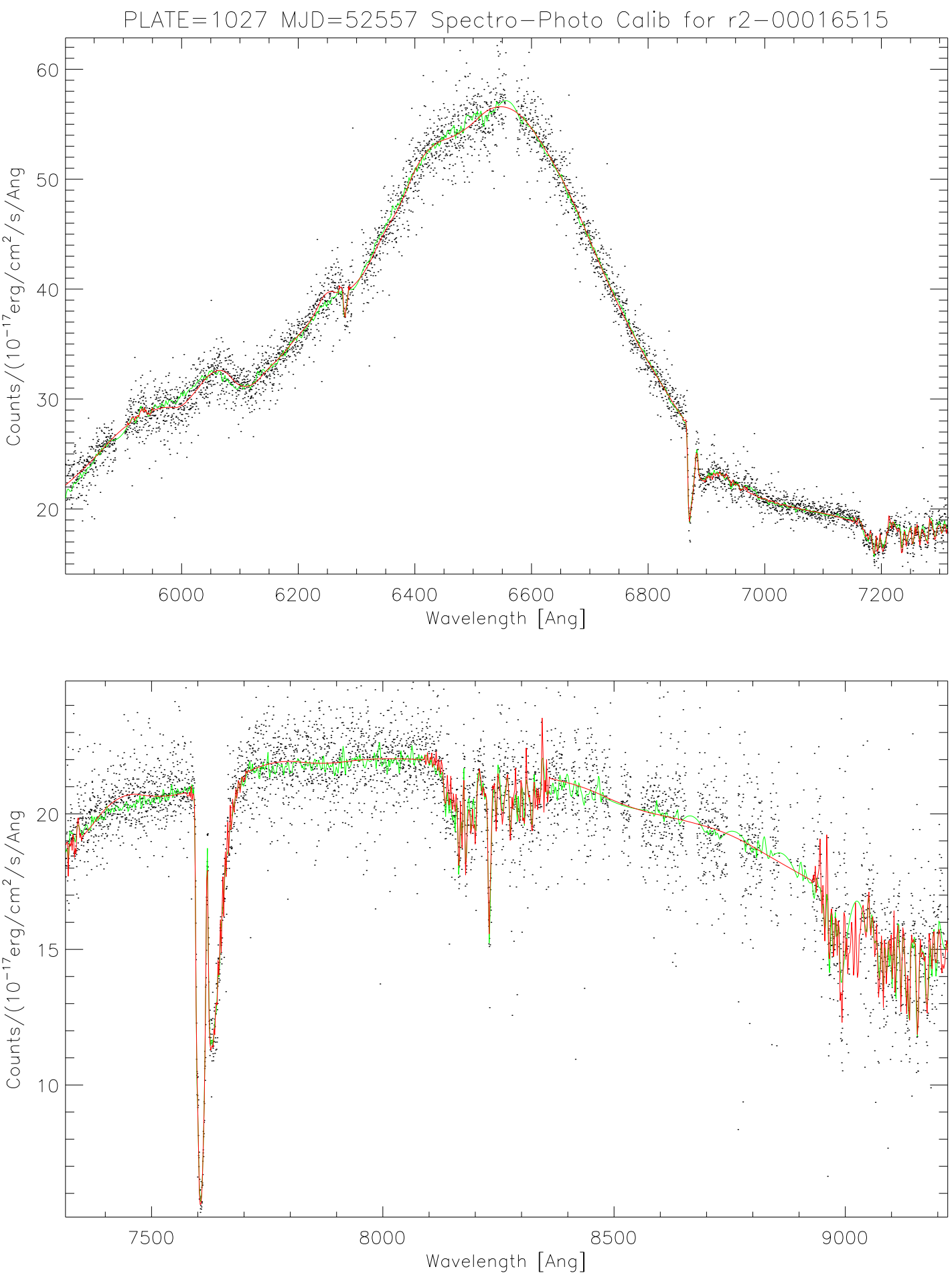
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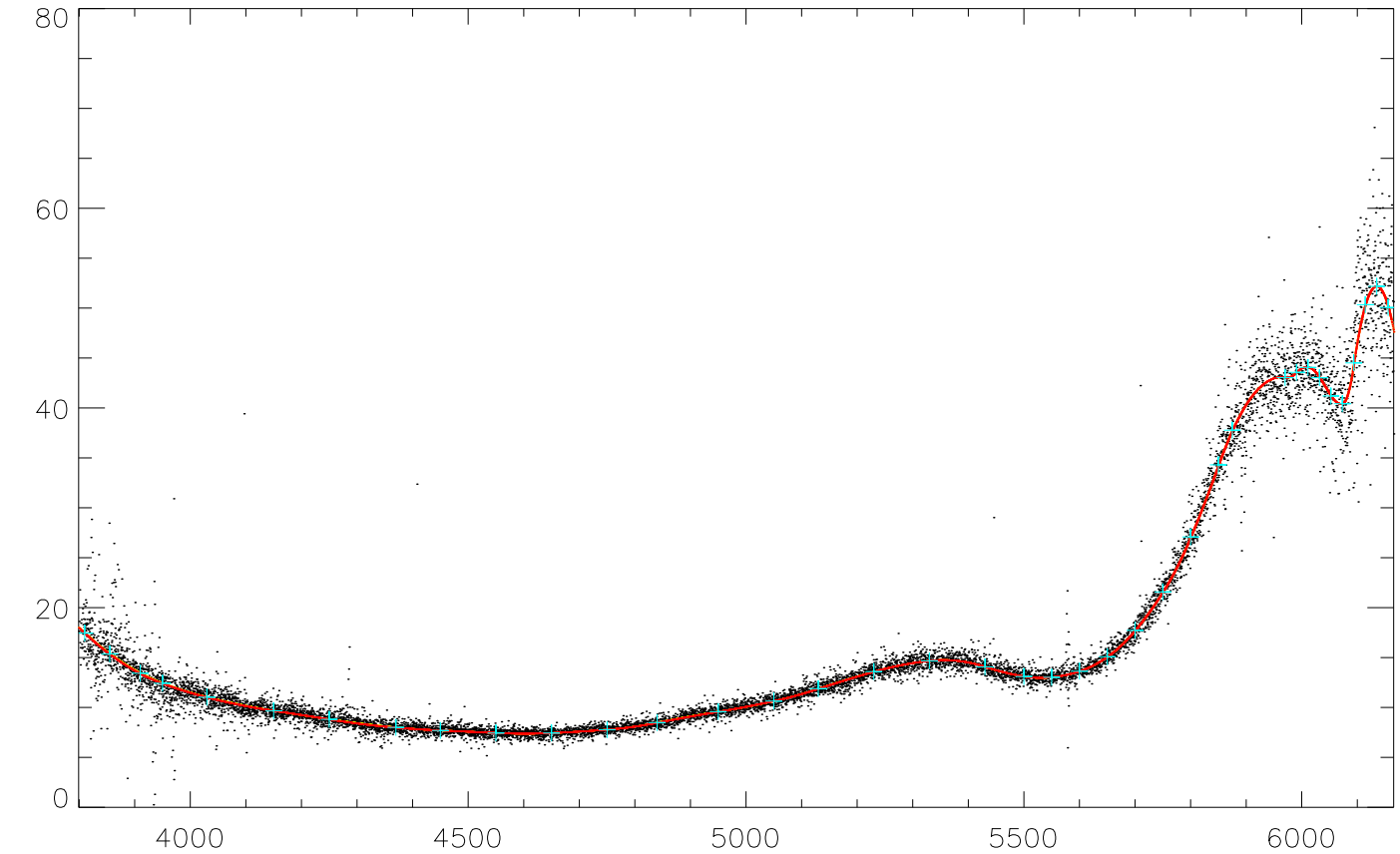
Counts/(10^-17 erg/cm^2/s/Ang
60
50
40
30
20
6000
6200
6400
6600
6800
7000
7200
Wavelength [Ang]
Counts/(10^-17 erg/cm^2/s/Ang
20
15
10
7500
8000
8500
9000
Wavelength [Ang]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4000
4500
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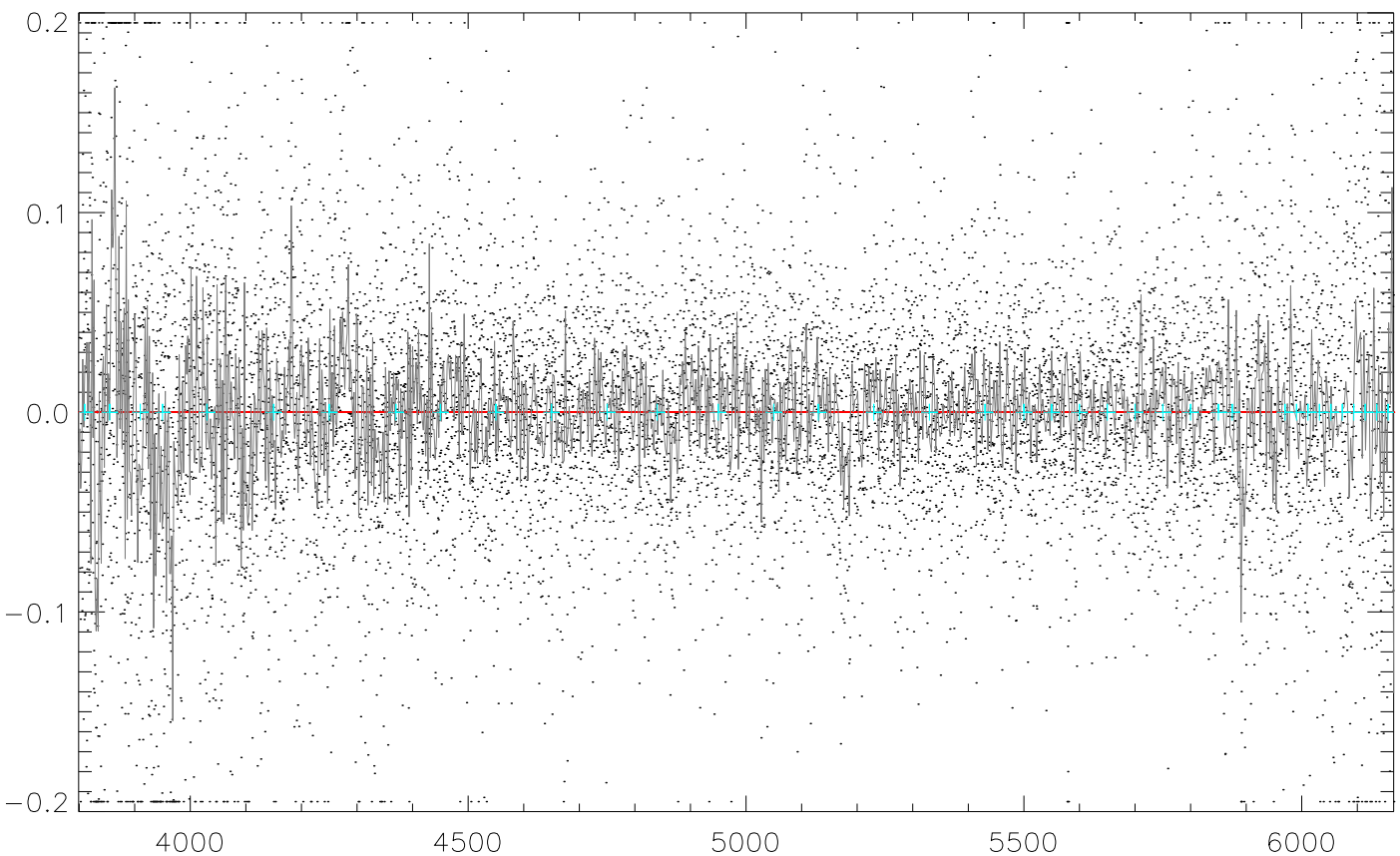
6000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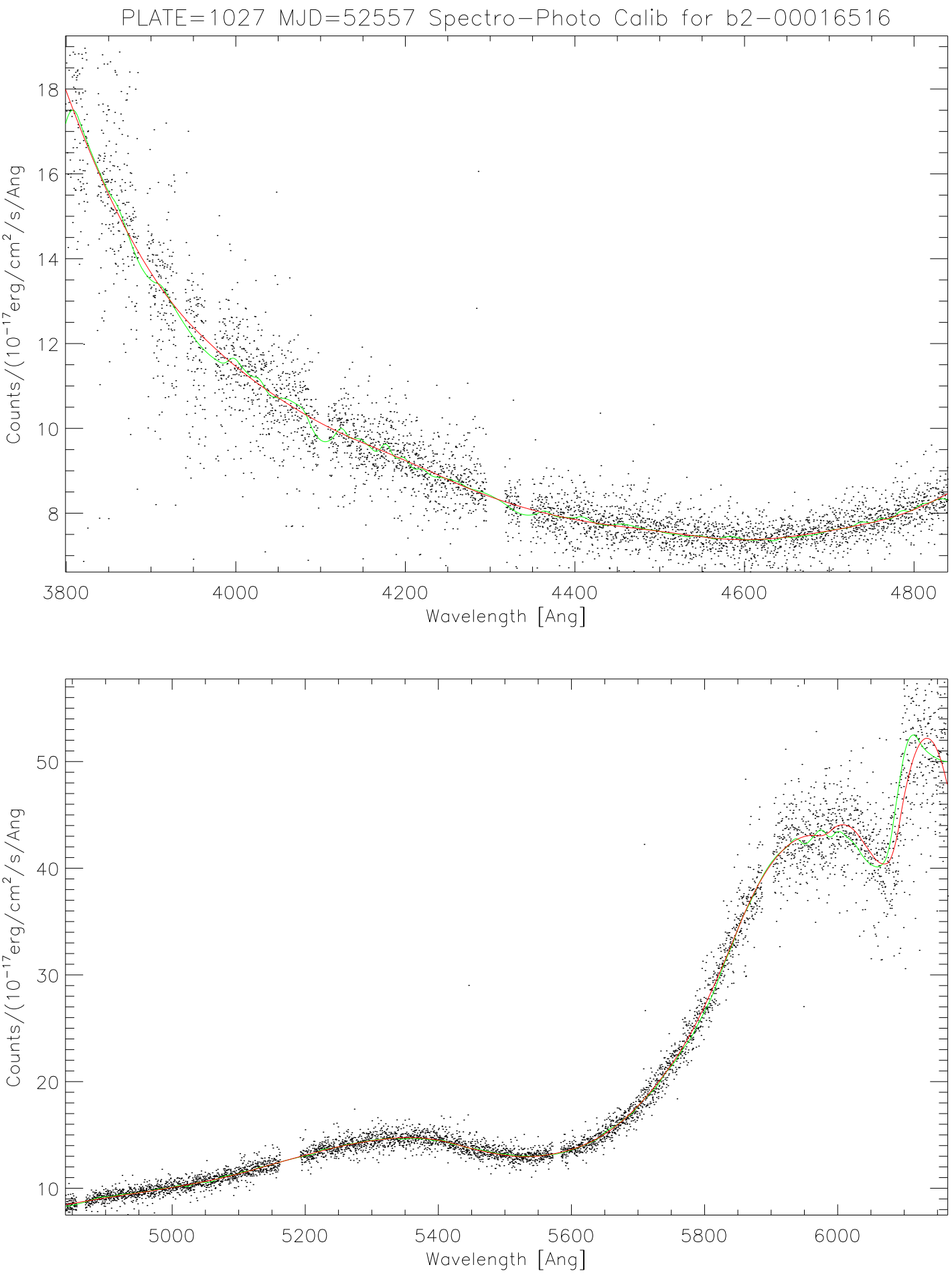
5500
6000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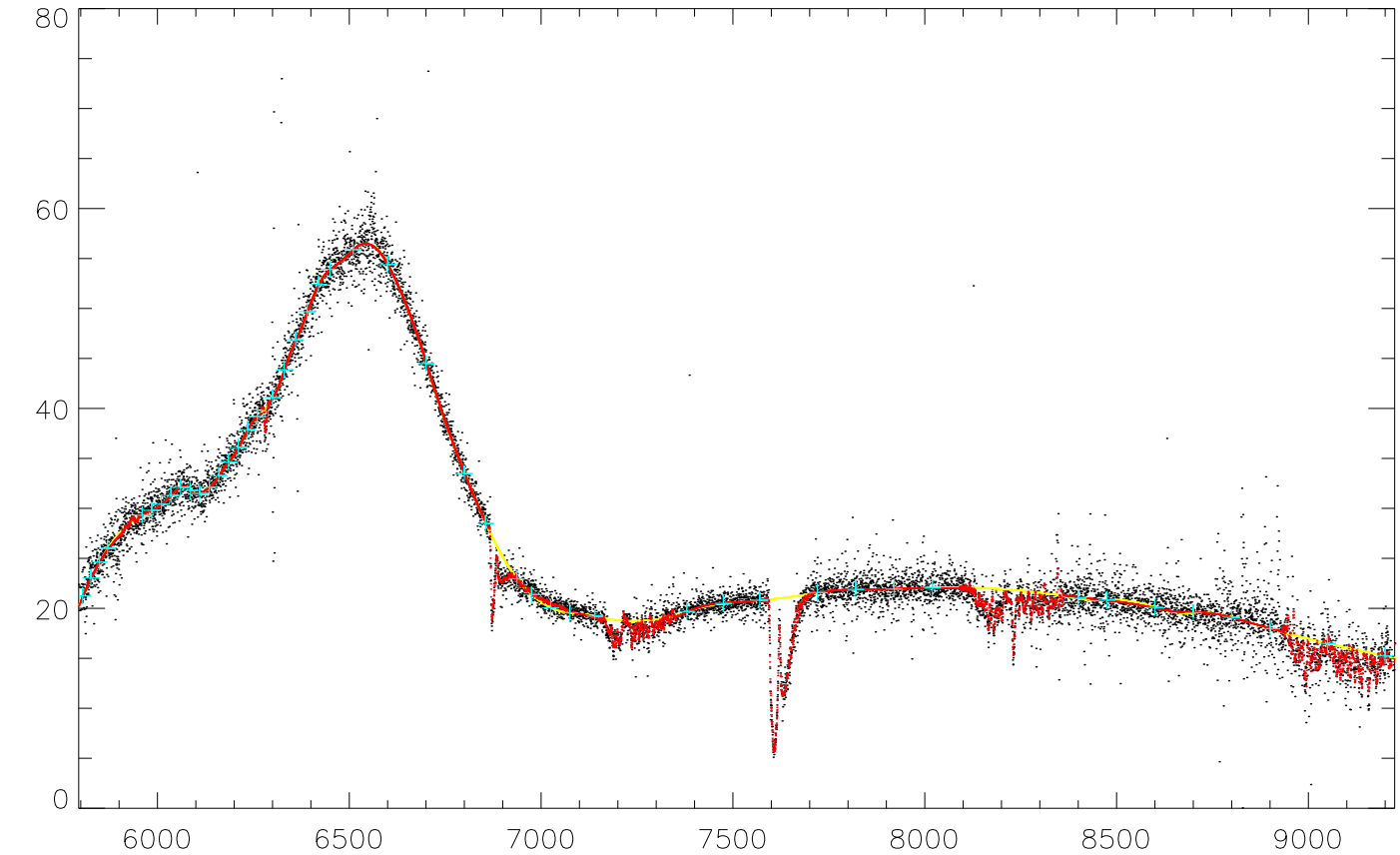
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
3800
4000
4200
4400
4600
4800
8
10
12
14
16
18
Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
5000
5200
5400
5600
5800
6000
10
20
30
40
50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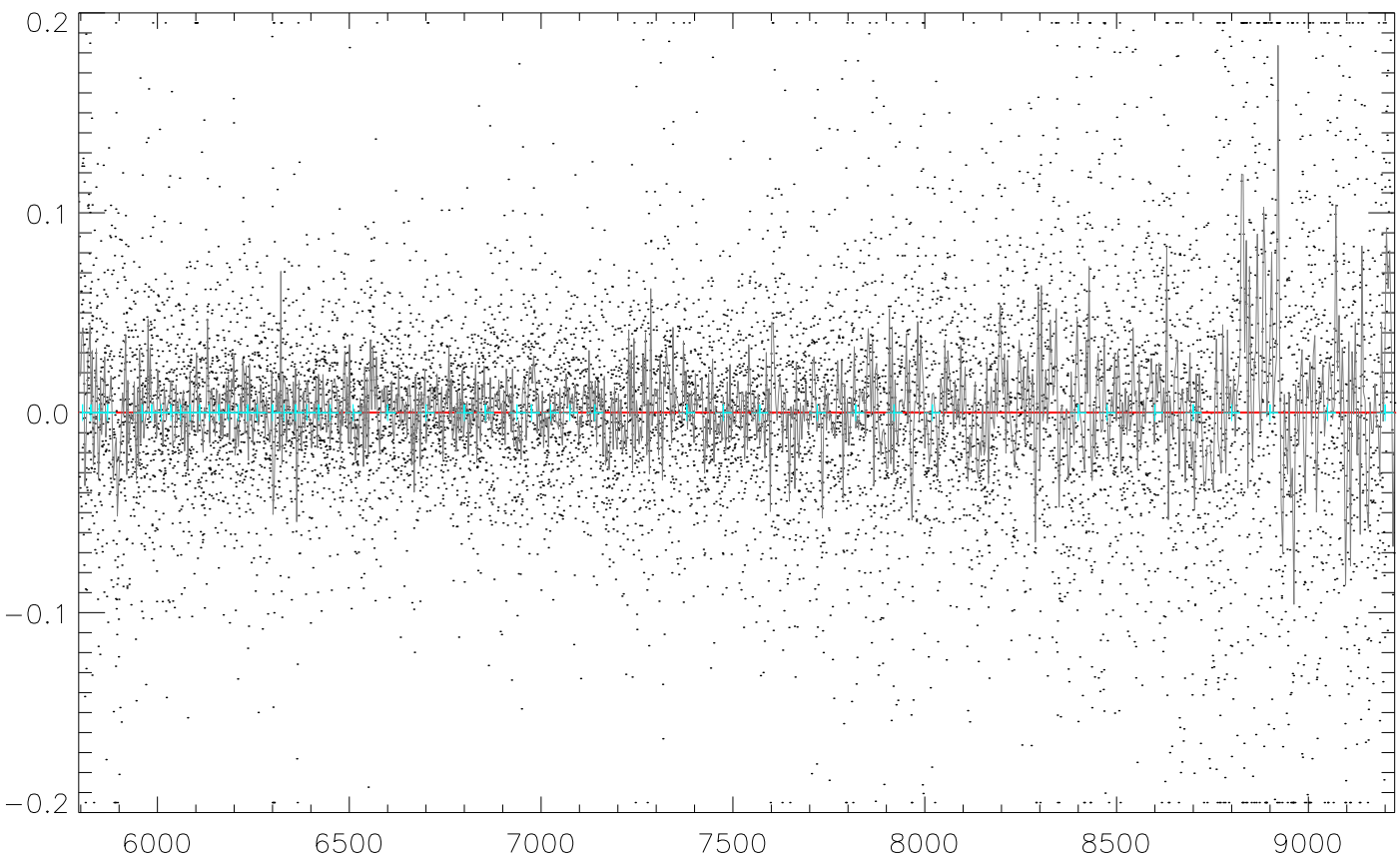
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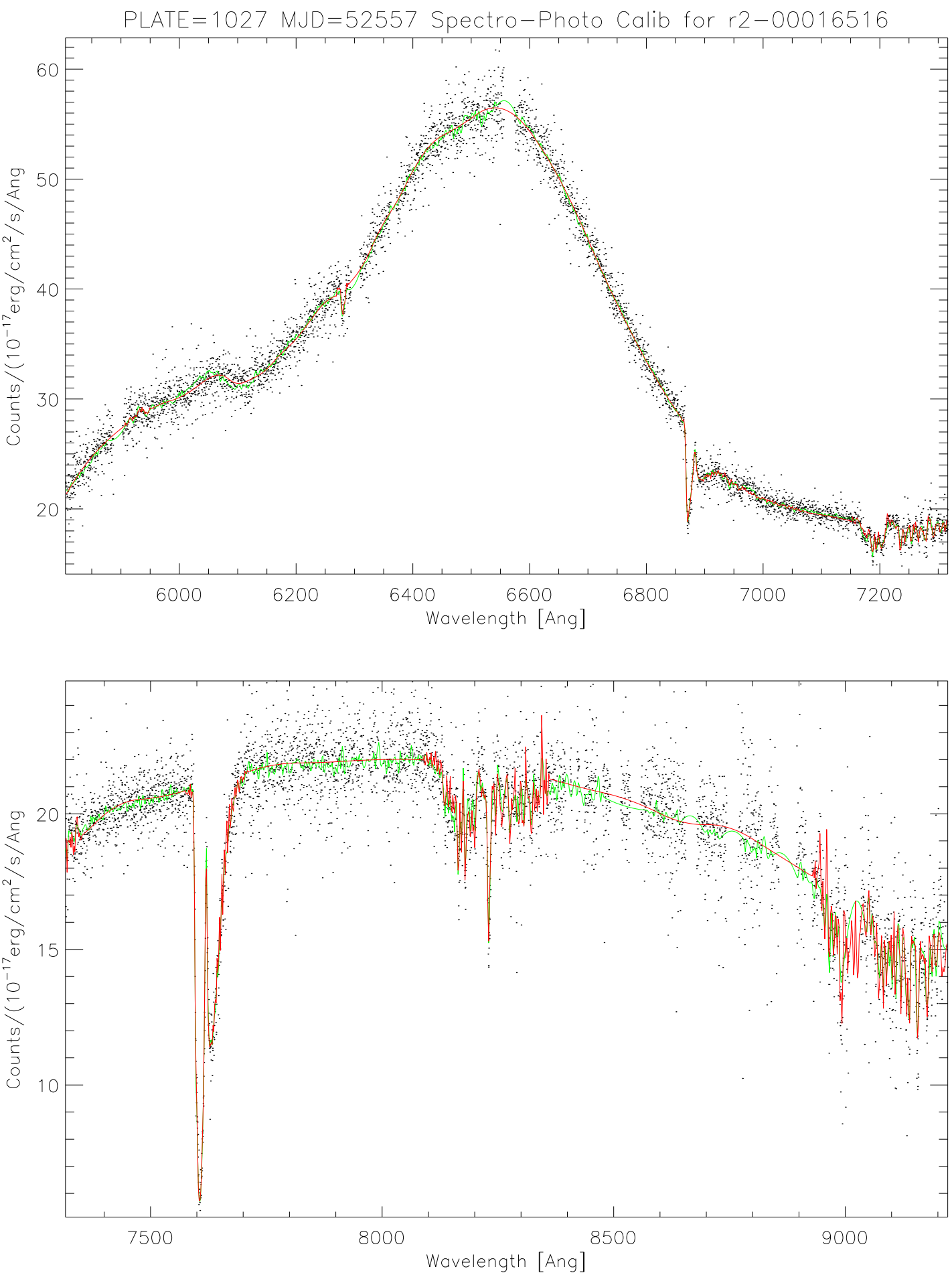
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Counts/(10^-17 erg/cm^2/s/Ang
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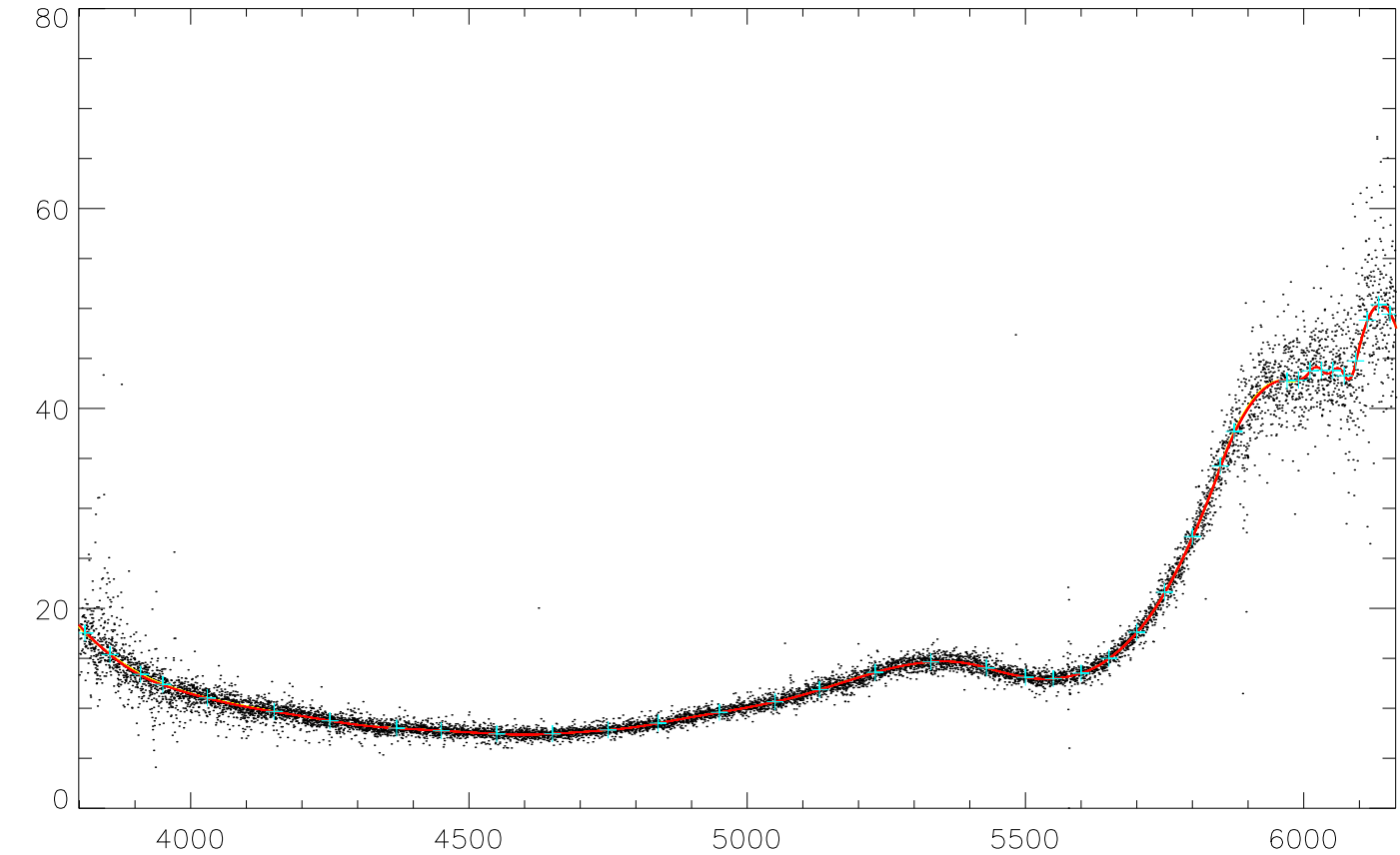
50
40
30
20
6000
6200
6400
6600
6800
7000
7200
Wavelength [Ang]
Counts/(10^-17 erg/cm^2/s/Ang
20
15
10
7500
8000
8500
9000
Wavelength [Ang]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4000
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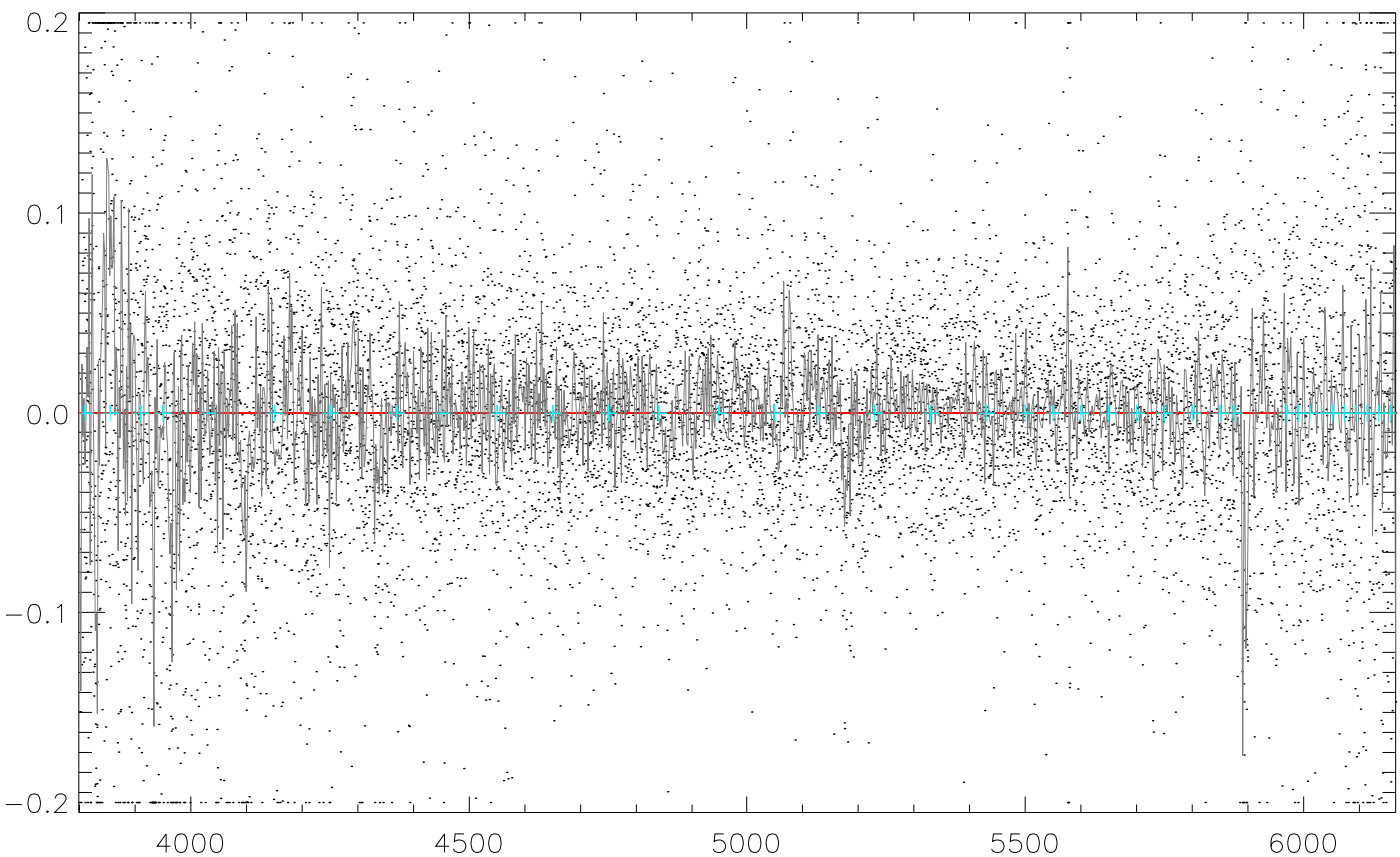
5000
5500
6000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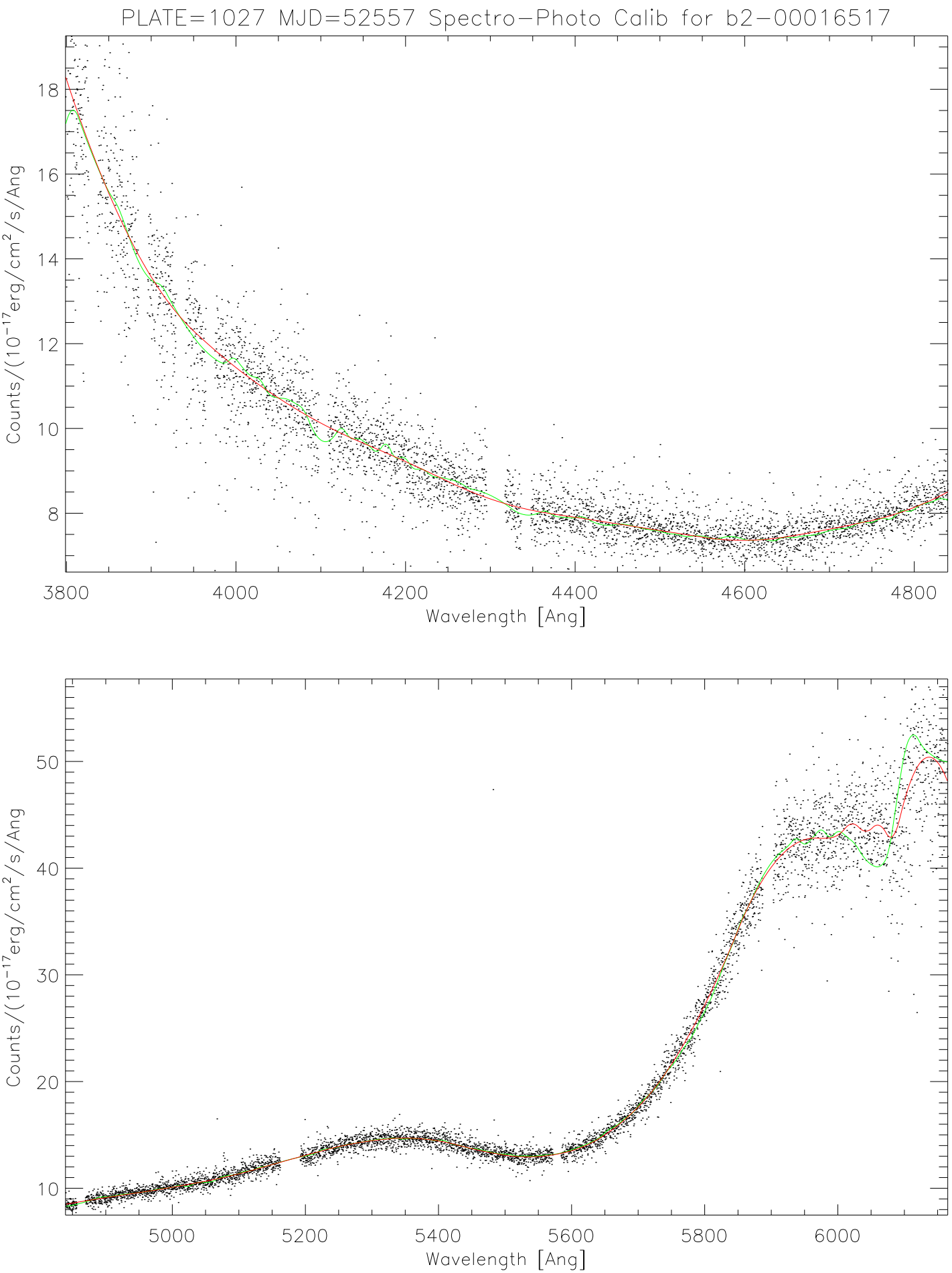
5500
6000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Counts/(10^-17 erg/cm^2/s/Ang
Wavelength [Ang]
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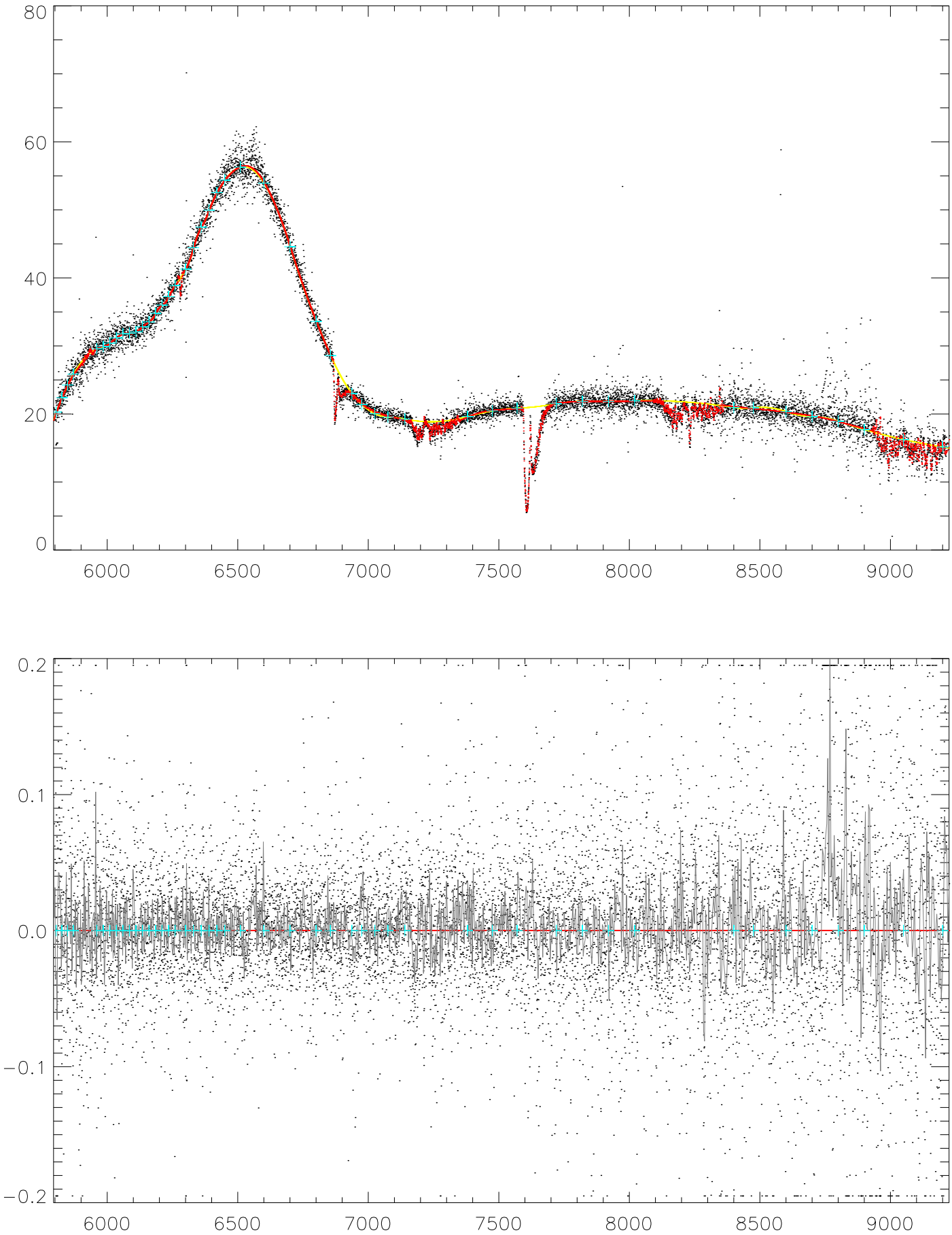
6000
10
20
30
40
50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7000
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0.1
0.0
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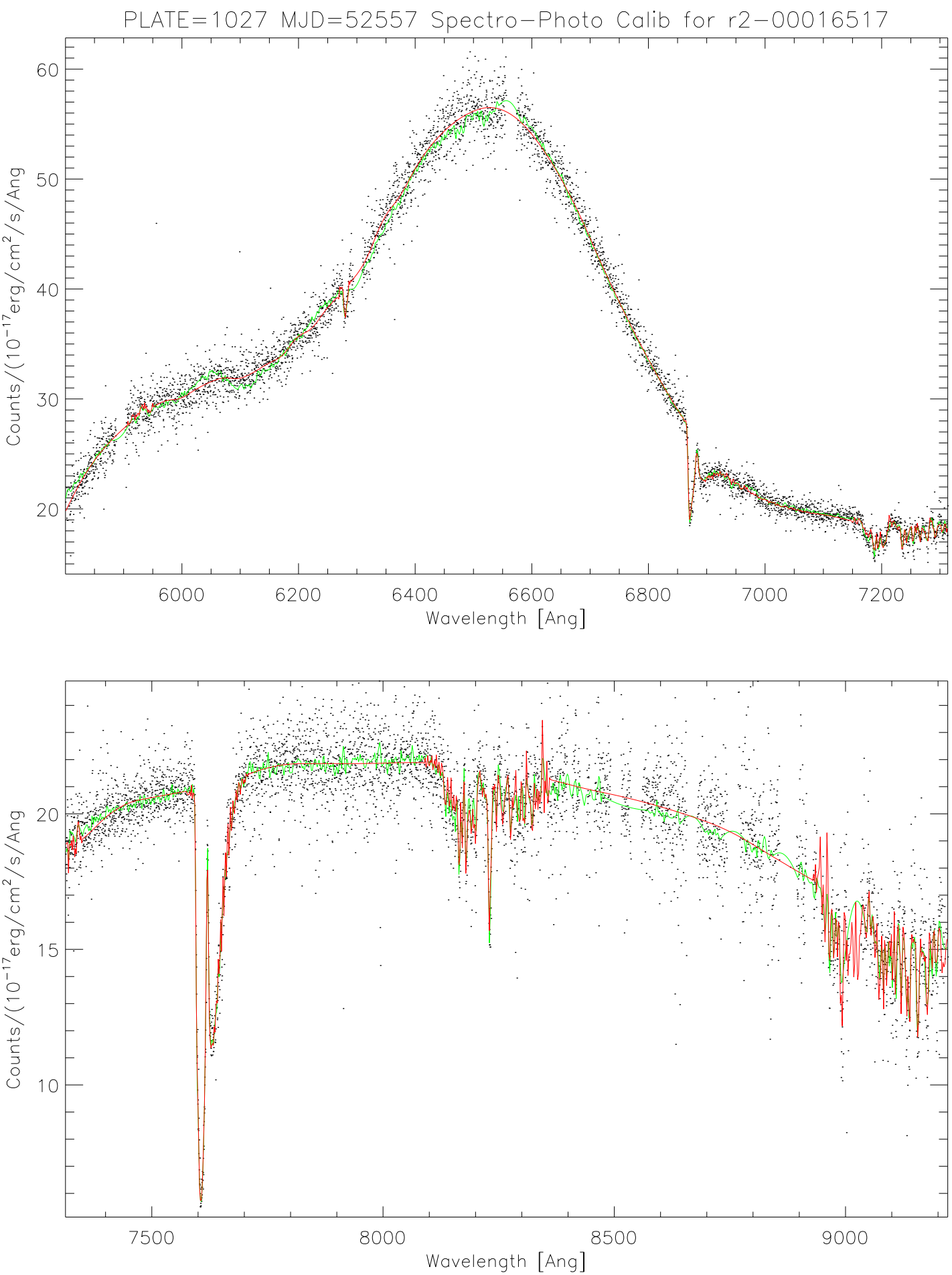
−0.2
6000
6500
7000
7500
8000
8500
9000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Counts/(10^-17 erg/cm^2/s/Ang
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40
30
20
6000
6200
6400
6600
6800
7000
7200
Wavelength [Ang]
Counts/(10^-17 erg/cm^2/s/Ang
20
15
10
7500
8000
8500
9000
Wavelength [Ang]