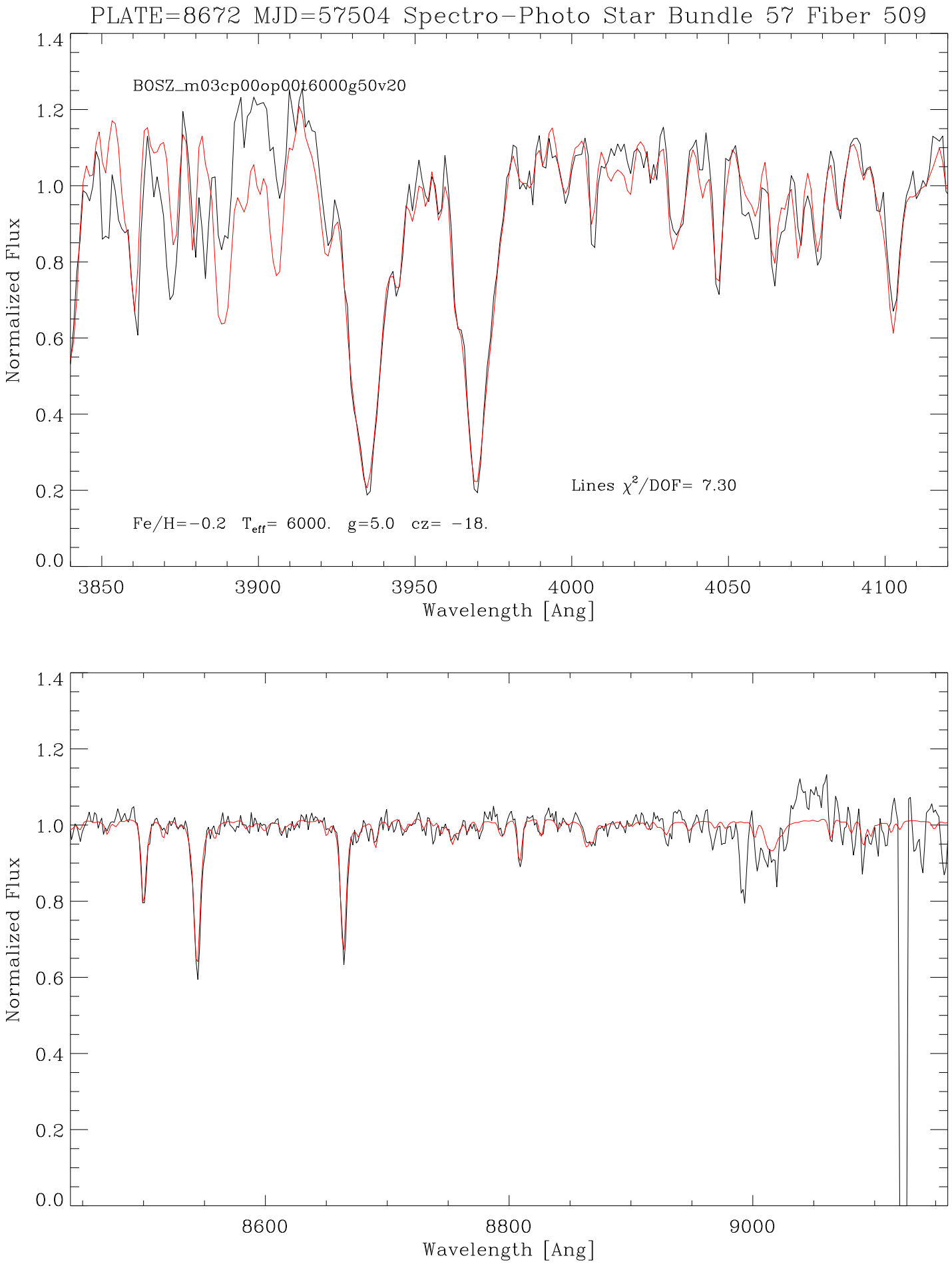
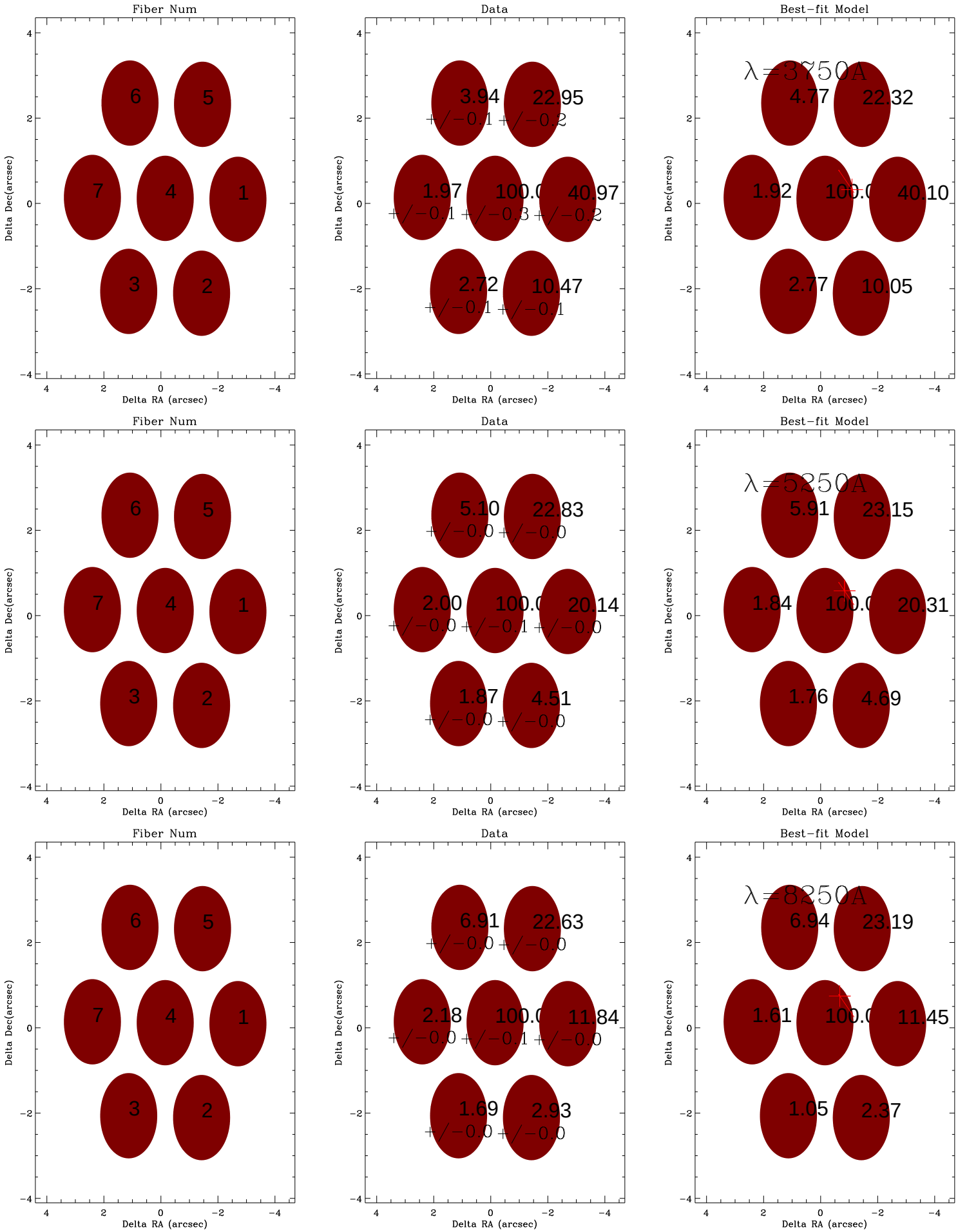
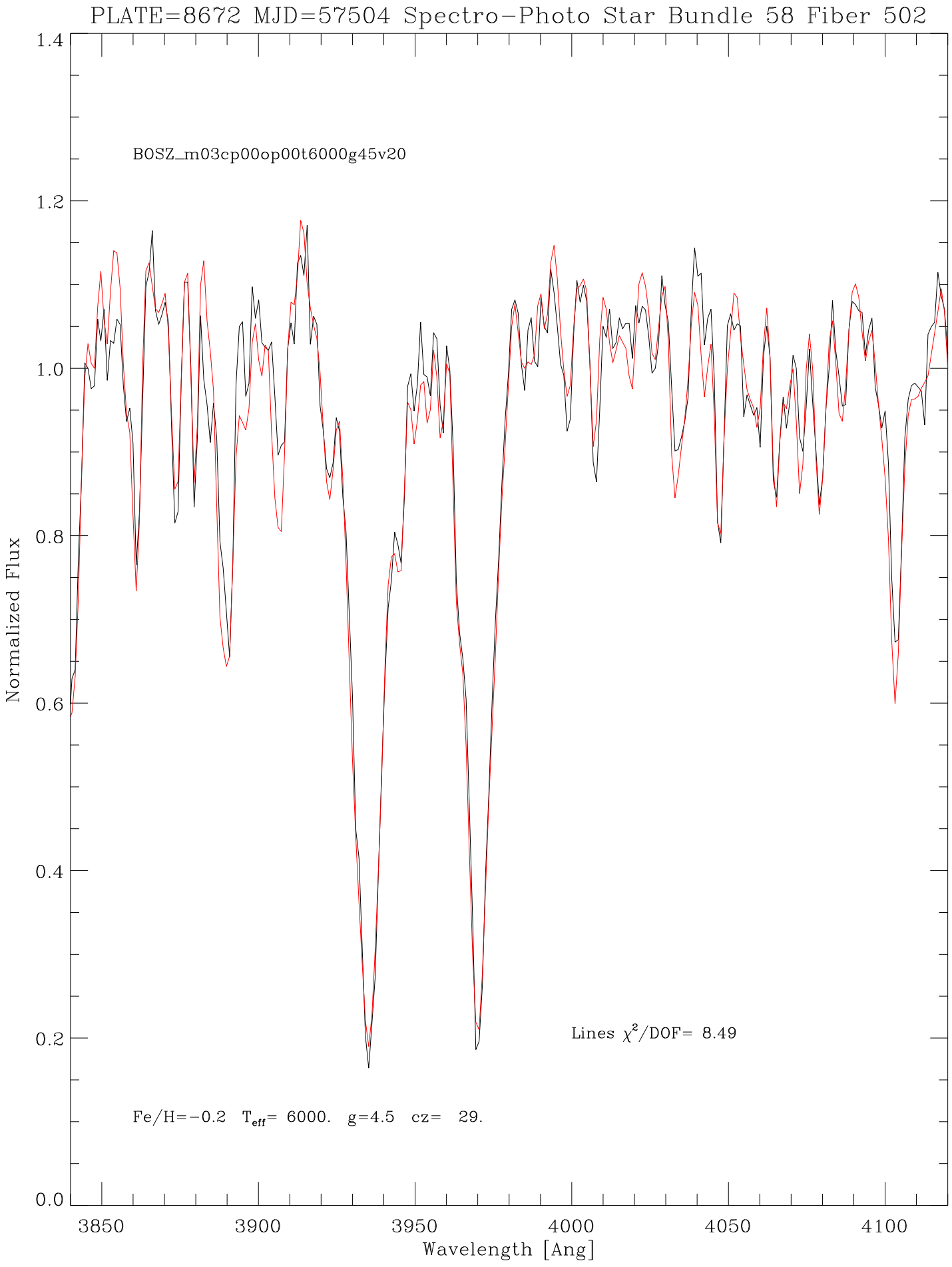
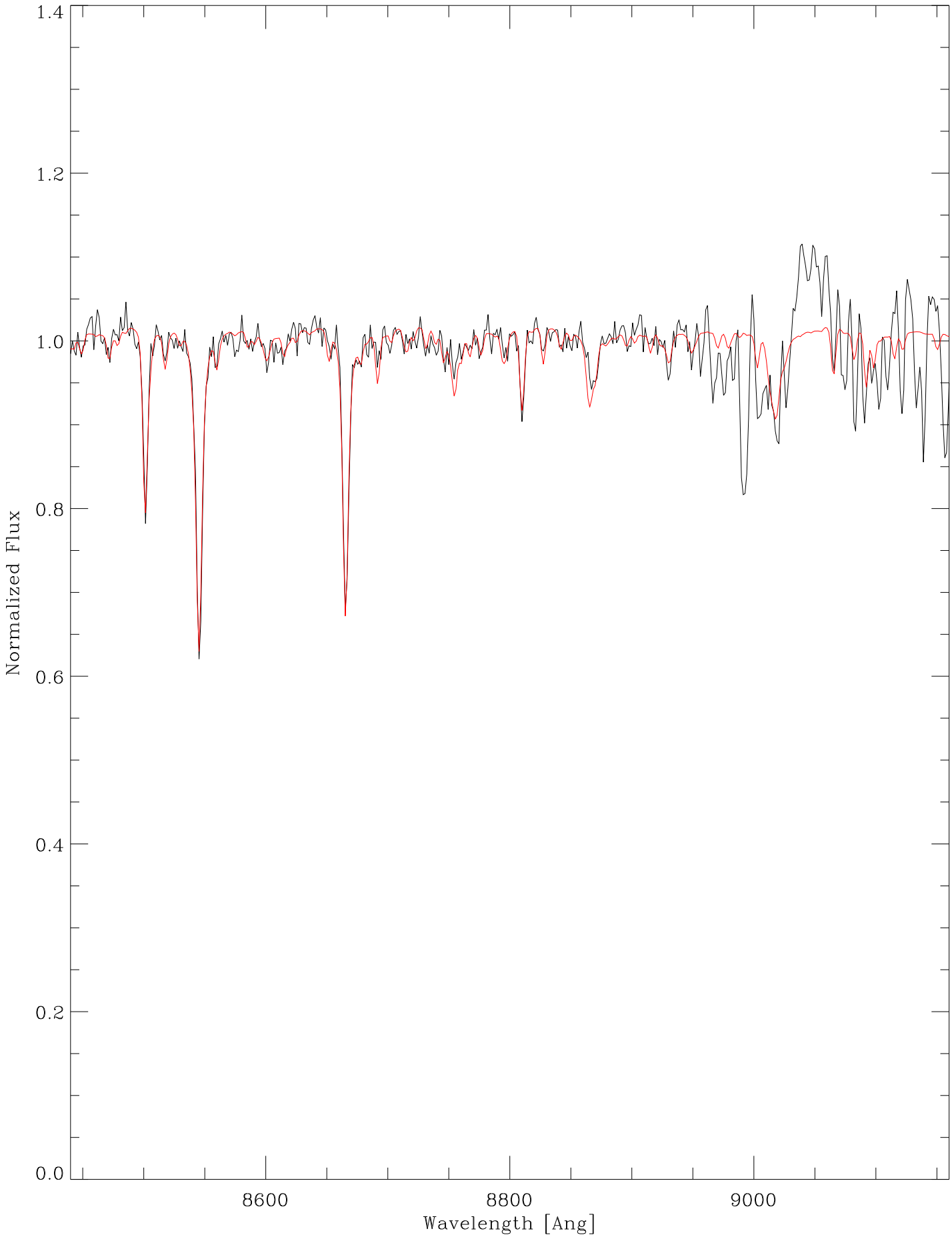
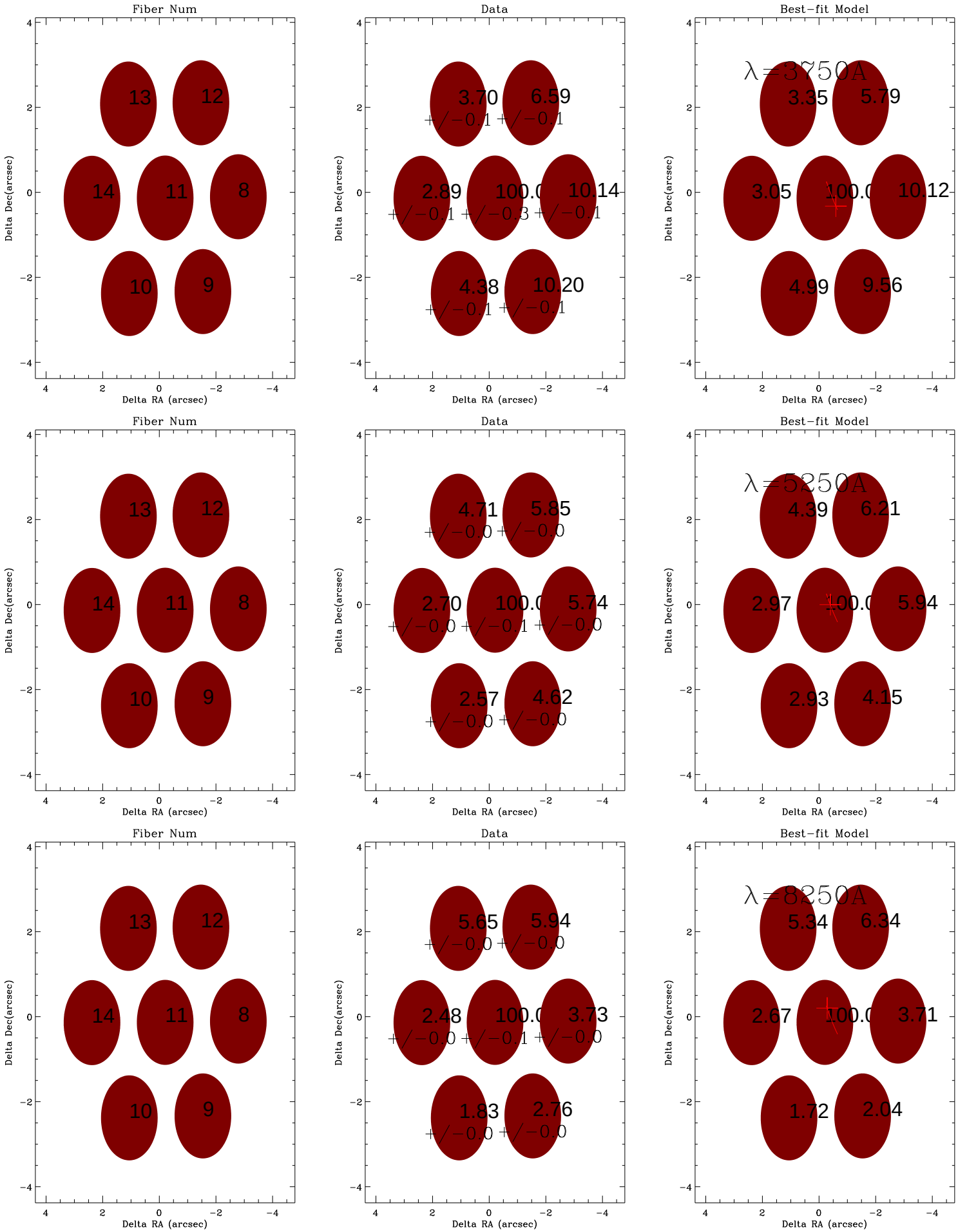
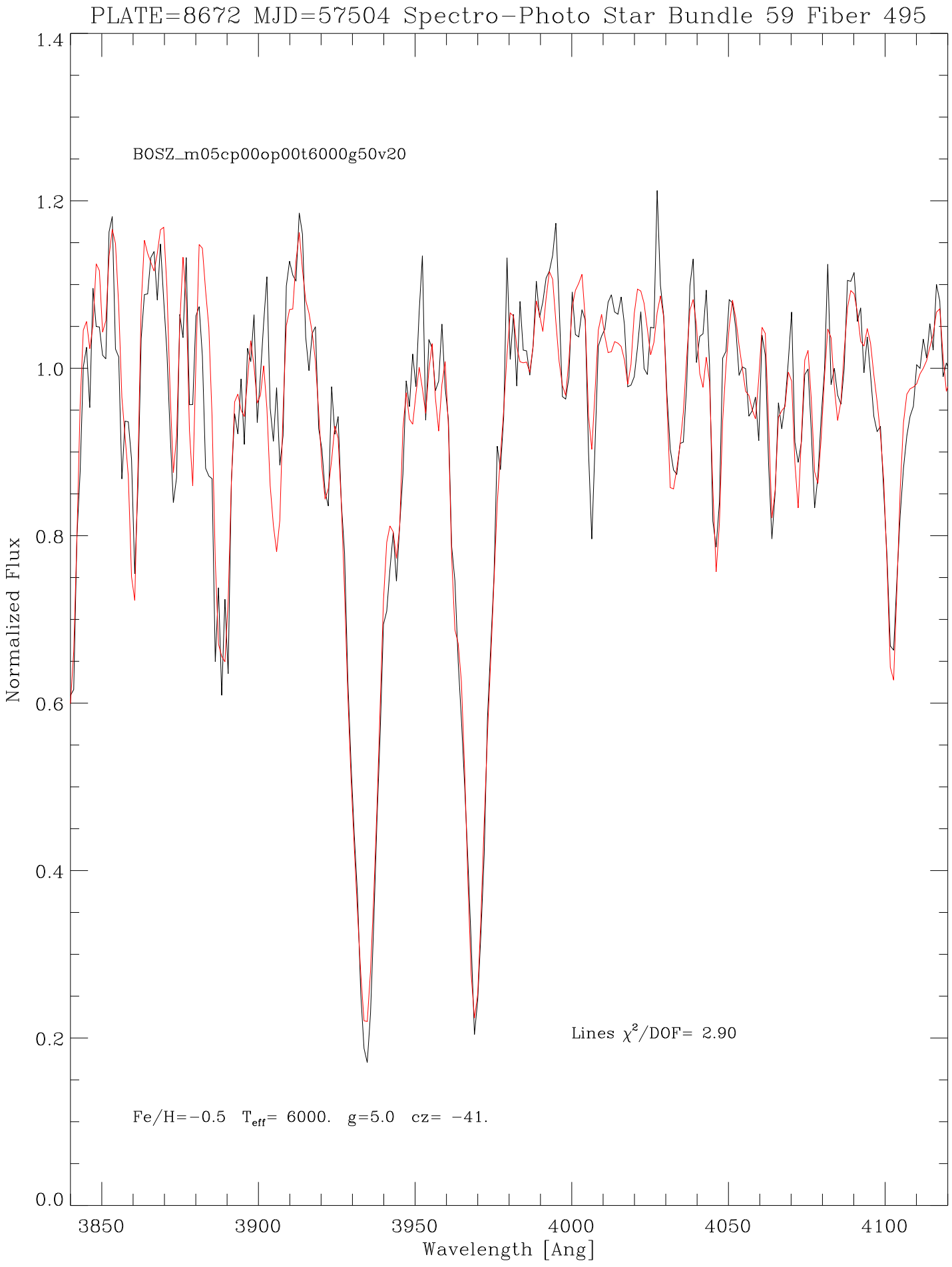

PLATE=8672 MJD=57504 Spectro-Photo Star Bundle 57 Fiber 509
BOSZ_m03cp00op00t6000g50v20
Lines χ²/DOF= 7.30
Fe/H=−0.2 T_eff= 6000. g=5.0 cz= −18.
Normalized Flux
Wavelength [Ang]
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
3850
3900
3950
4000
4050
4100
Normalized Flux
Wavelength [Ang]
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
8600
8800
9000

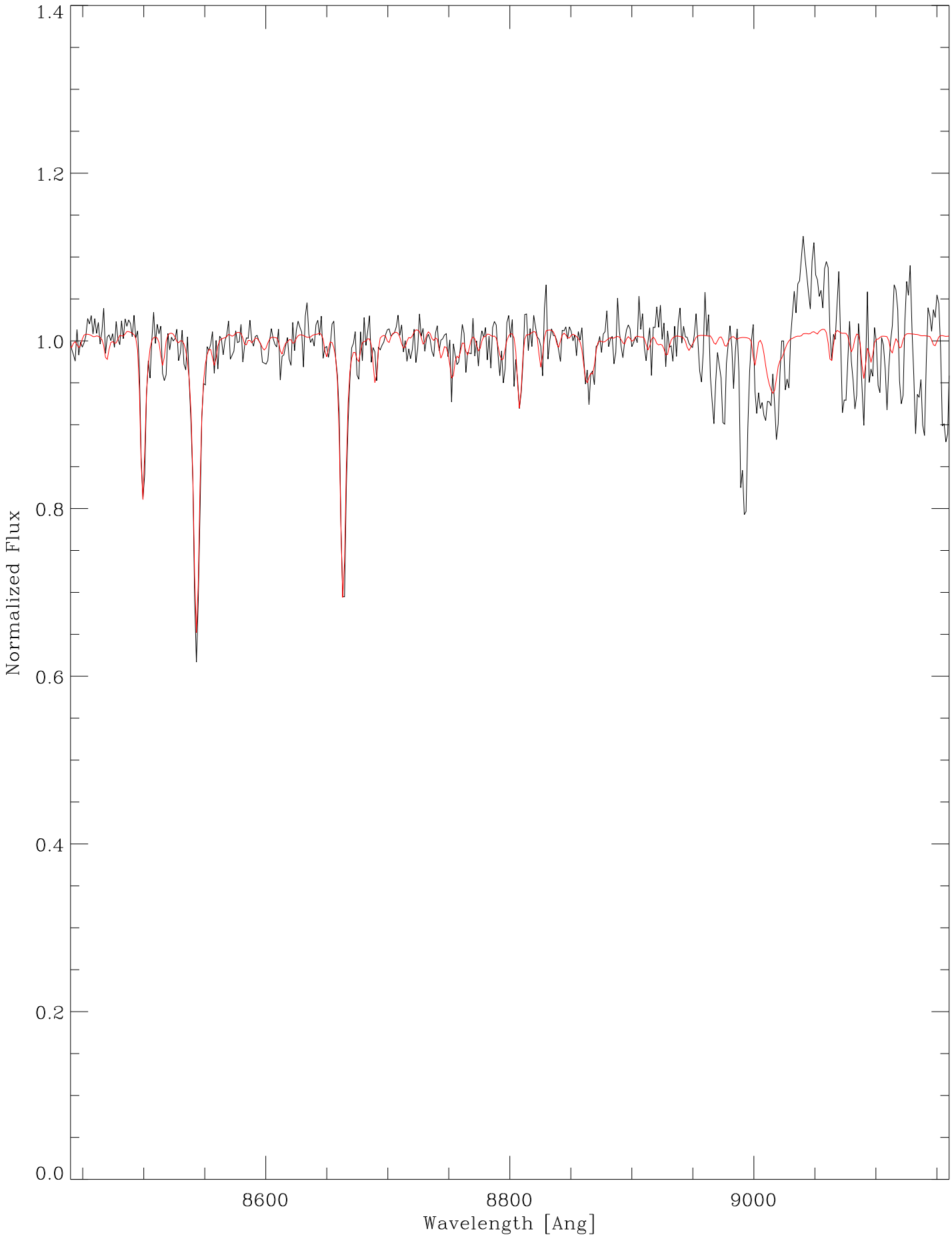

Fiber Num
Data
Best-fit Model
λ=3750A
λ=5250A
λ=8250A
Delta RA (arcsec)
Delta Dec(arcsec)
6
5
7
4
1
3
2
3.94 +/-0.1
22.95 +/-0.2
1.97 +/-0.1
100.0 +/-0.3
40.97 +/-0.2
2.72 +/-0.1
10.47 +/-0.1
4.77
22.32
1.92
40.10
2.77
10.05
5.10 +/-0.0
22.83 +/-0.0
2.00 +/-0.0
100.0 +/-0.1
20.14 +/-0.0
1.87 +/-0.0
4.51 +/-0.0
5.91
23.15
1.84
20.31
1.76
4.69
6.91 +/-0.0
22.63 +/-0.0
2.18 +/-0.0
100.0 +/-0.1
11.84 +/-0.0
1.69 +/-0.0
2.93 +/-0.0
6.94
23.19
1.61
11.45
1.05
2.37

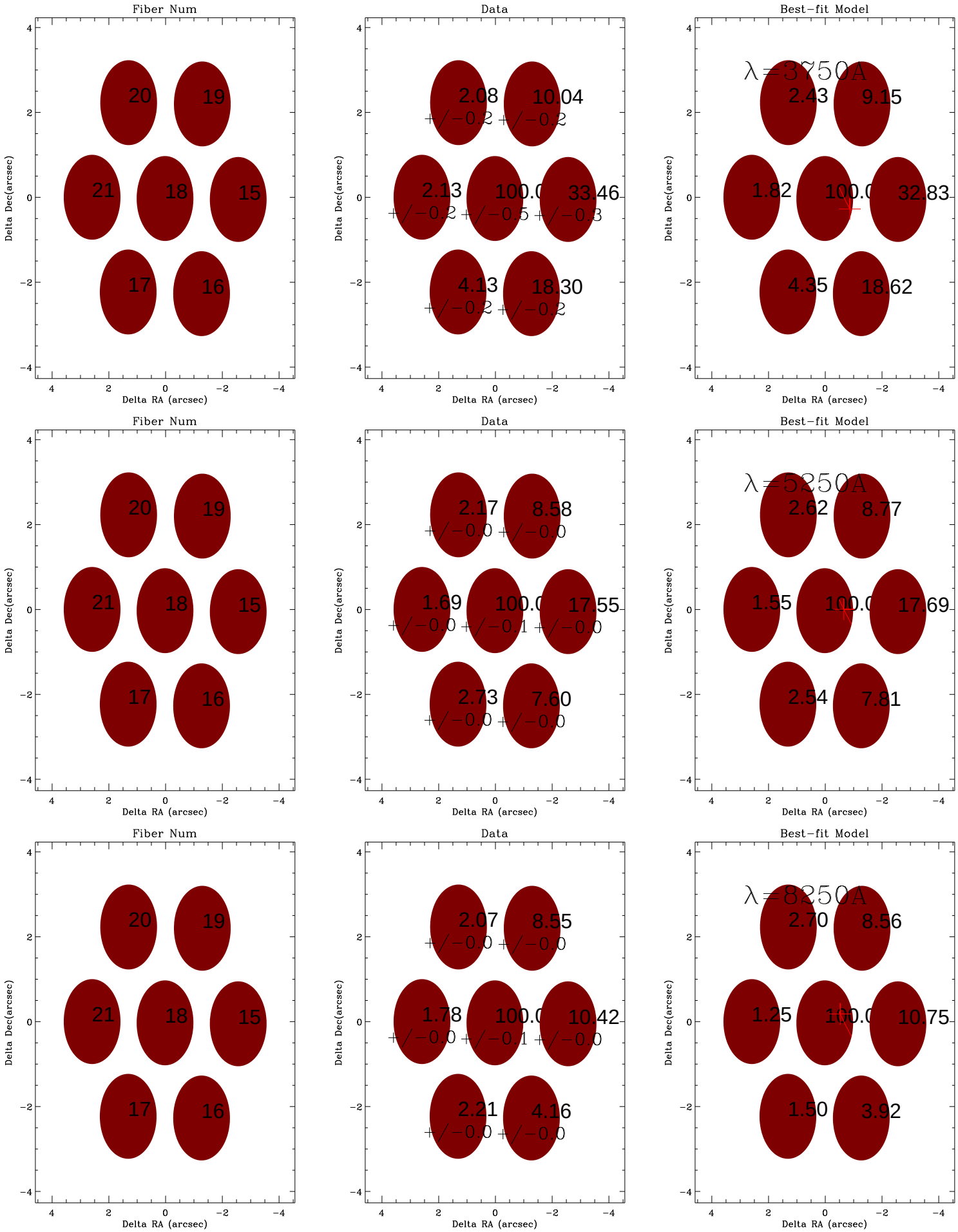

PLATE=8672 MJD=57504 Spectro-Photo Star Bundle 58 Fiber 502
BOSZ_m03cp00op00t6000g45v20
Normalized Flux
Wavelength [Ang]
Lines χ^2/DOF= 8.49
Fe/H=-0.2 T_{eff}= 6000. g=4.5 cz= 29.
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
3850
3900
3950
4000
4050
4100

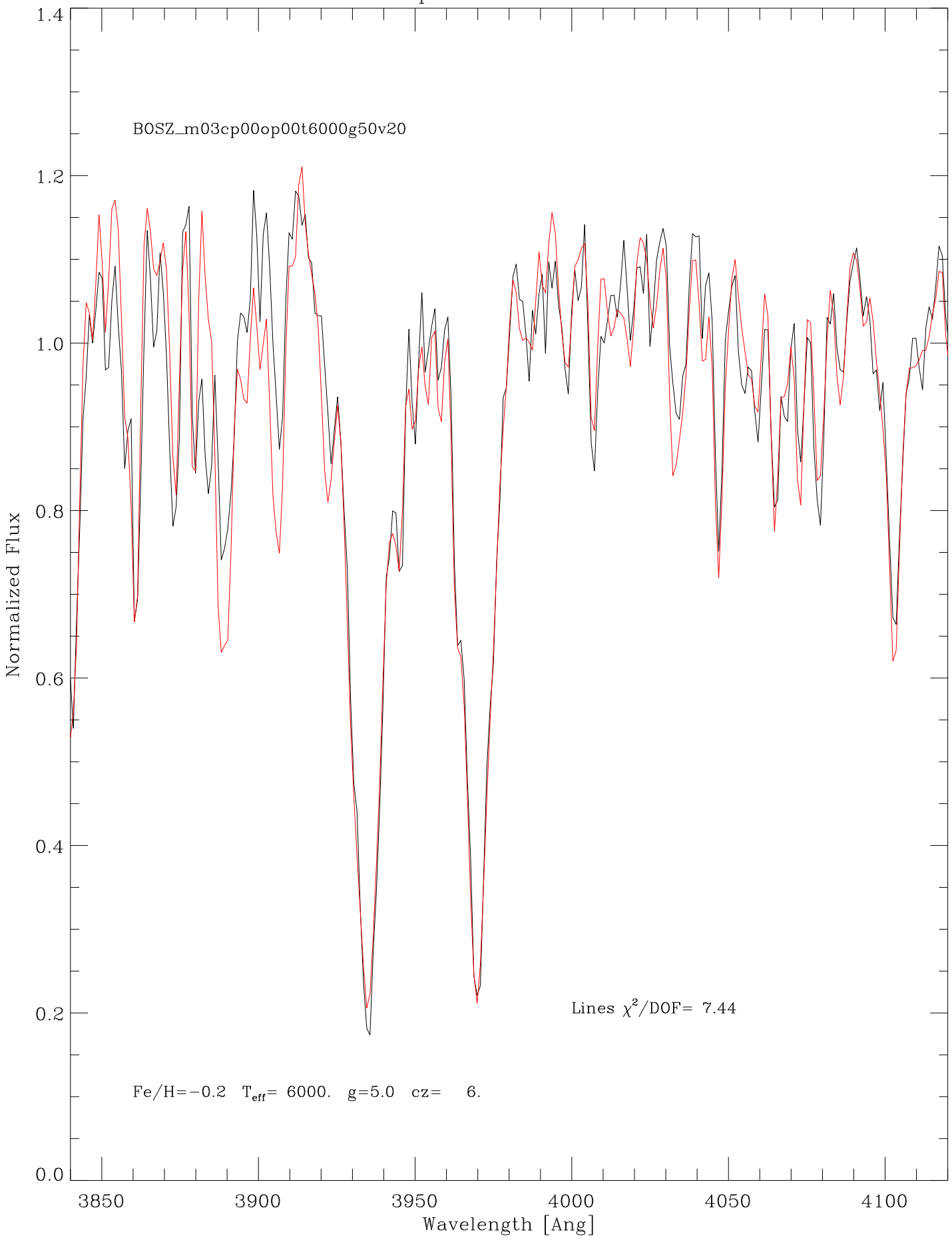

1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Normalized Flux
8600
8800
9000
Wavelength [Ang]

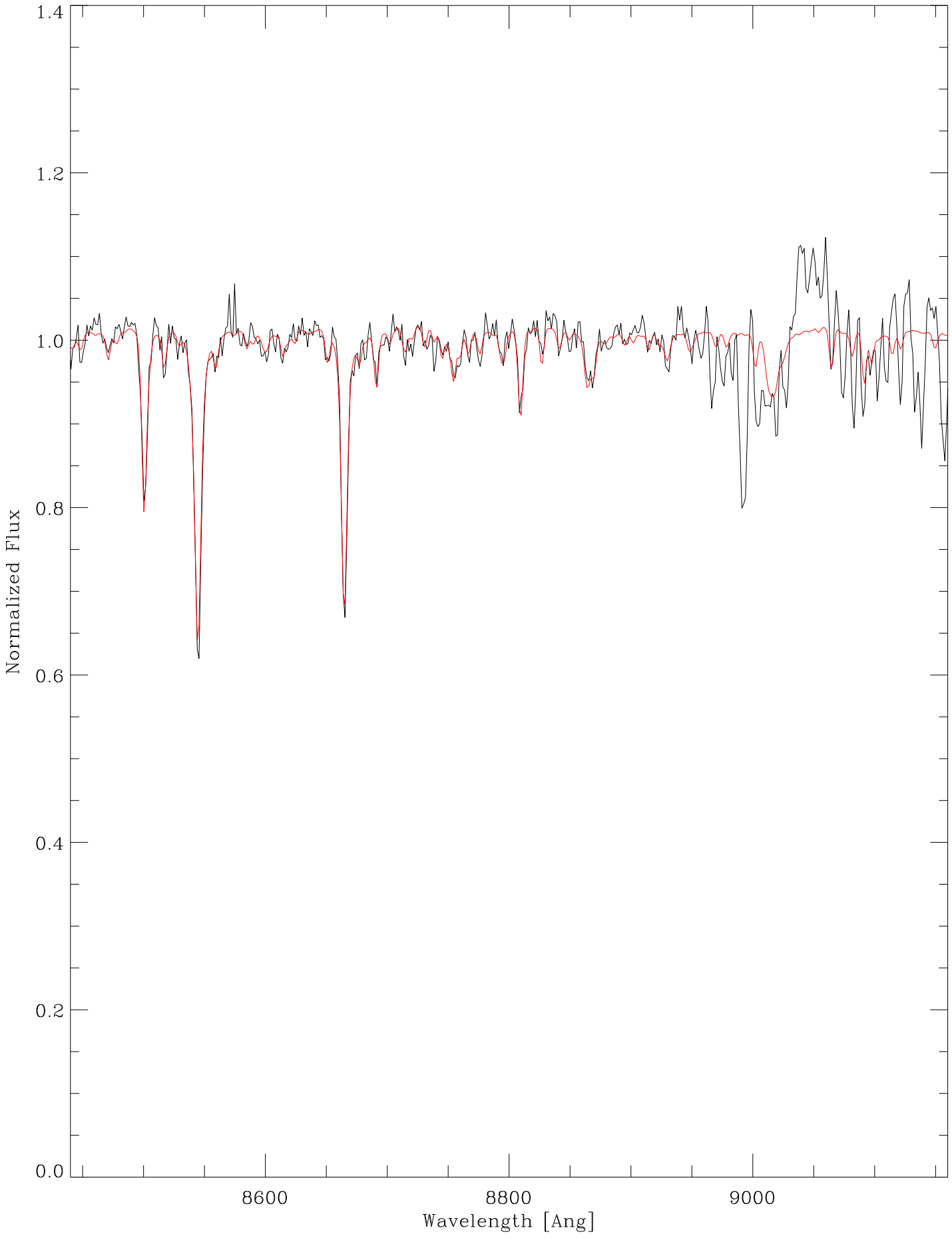

Fiber Num
Data
Best-fit Model
λ=3750A
λ=5250A
λ=8250A
Delta Dec(arcsec)
Delta RA (arcsec)
13
12
14
11
8
10
9
3.70 +/-0.1
6.59 +/-0.1
2.89 +/-0.1
100.0 +/-0.3
10.14 +/-0.1
4.38 +/-0.1
10.20 +/-0.1
3.35
5.79
3.05
10.12
4.99
9.56
4.71 +/-0.0
5.85 +/-0.0
2.70 +/-0.0
5.74 +/-0.0
2.57 +/-0.0
4.62 +/-0.0
4.39
6.21
2.97
5.94
2.93
4.15
5.65 +/-0.0
5.94 +/-0.0
2.48 +/-0.0
3.73 +/-0.0
1.83 +/-0.0
2.76 +/-0.0
5.34
6.34
2.67
3.71
1.72
2.04

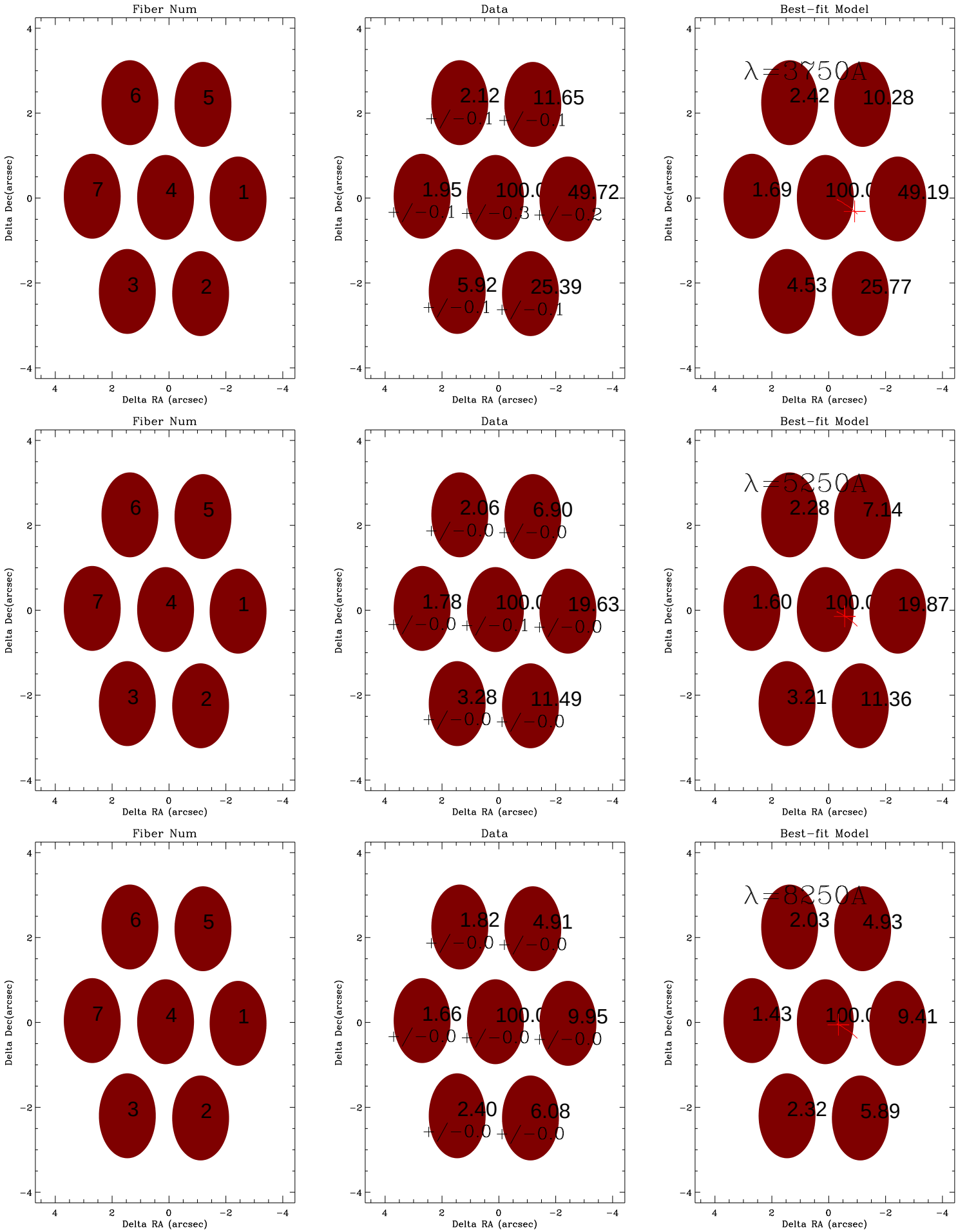

PLATE=8672 MJD=57504 Spectro-Photo Star Bundle 59 Fiber 495
BOSZ_m05cp00op00t6000g50v20
Lines χ^2/DOF= 2.90
Fe/H=−0.5 T_{eff}= 6000. g=5.0 cz= −41.
Normalized Flux
Wavelength [Ang]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
3850
3900
3950
4000
4050
4100

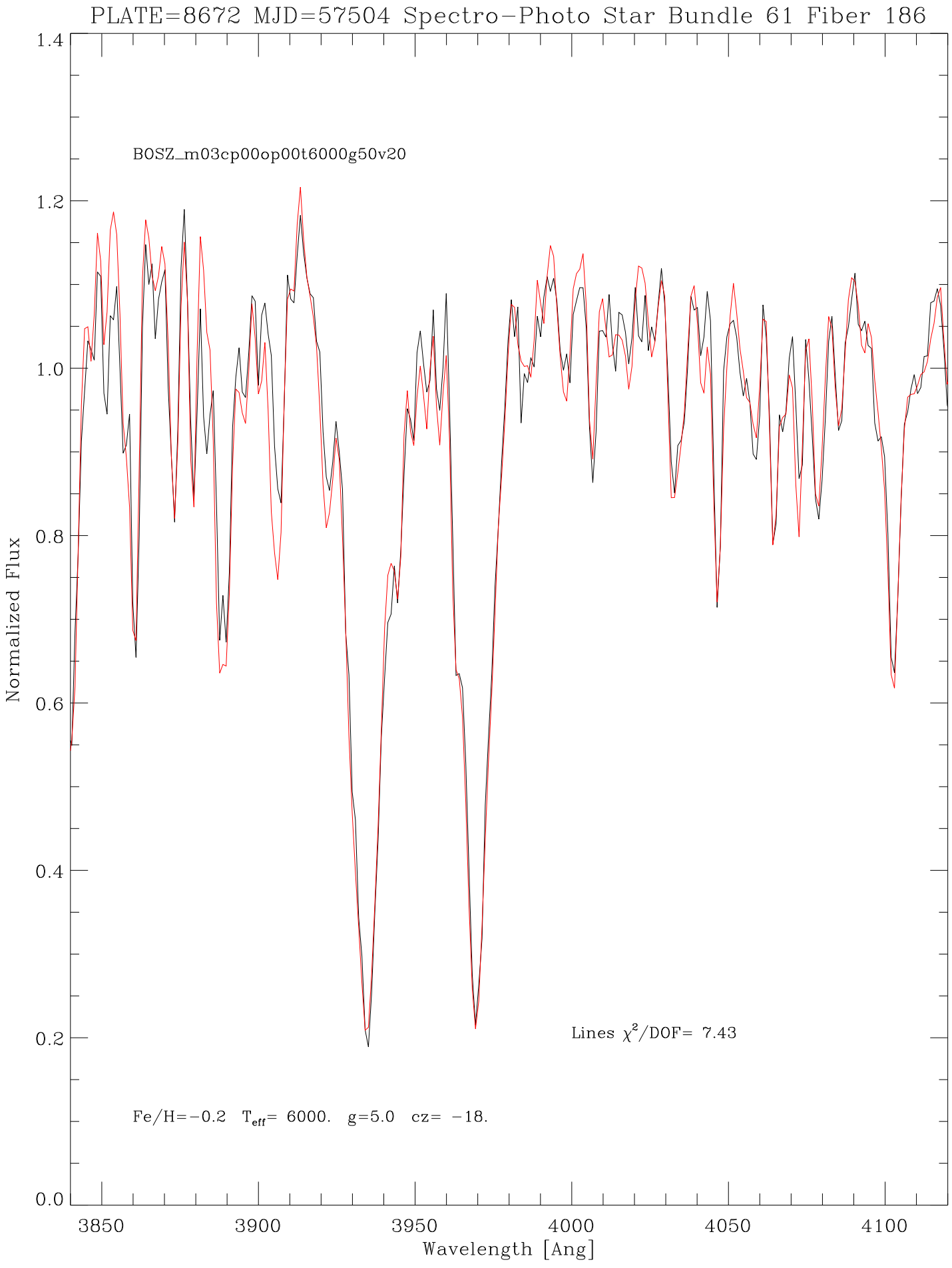

1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Normalized Flux
8600
8800
9000
Wavelength [Ang]

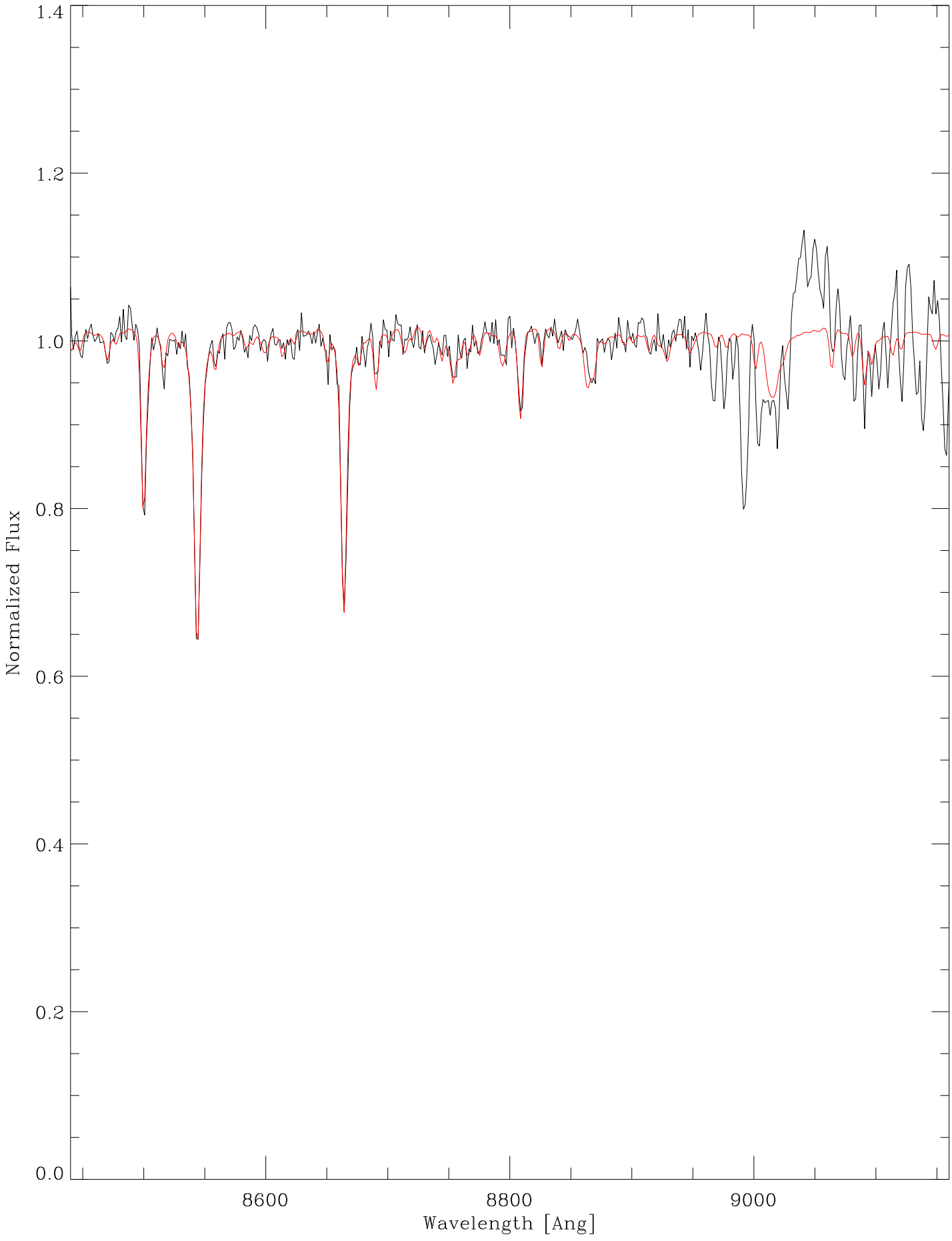

Fiber Num
Data
Best-fit Model
λ=3750A
λ=5250A
λ=8250A
Delta Dec(arcsec)
Delta RA (arcsec)
20
19
21
18
15
17
16
2.08 +/-0.2 10.04 +/-0.2
2.13 +/-0.2 100.0 +/-0.5 33.46 +/-0.3
4.13 +/-0.2 18.30 +/-0.2
2.43 9.15
1.82 100.0 32.83
4.35 18.62
2.17 +/-0.0 8.58 +/-0.0
1.69 +/-0.0 100.0 +/-0.1 17.55 +/-0.0
2.73 +/-0.0 7.60 +/-0.0
2.62 8.77
1.55 100.0 17.69
2.54 7.81
2.07 +/-0.0 8.55 +/-0.0
1.78 +/-0.0 100.0 +/-0.1 10.42 +/-0.0
2.21 +/-0.0 4.16 +/-0.0
2.70 8.56
1.25 100.0 10.75
1.50 3.92

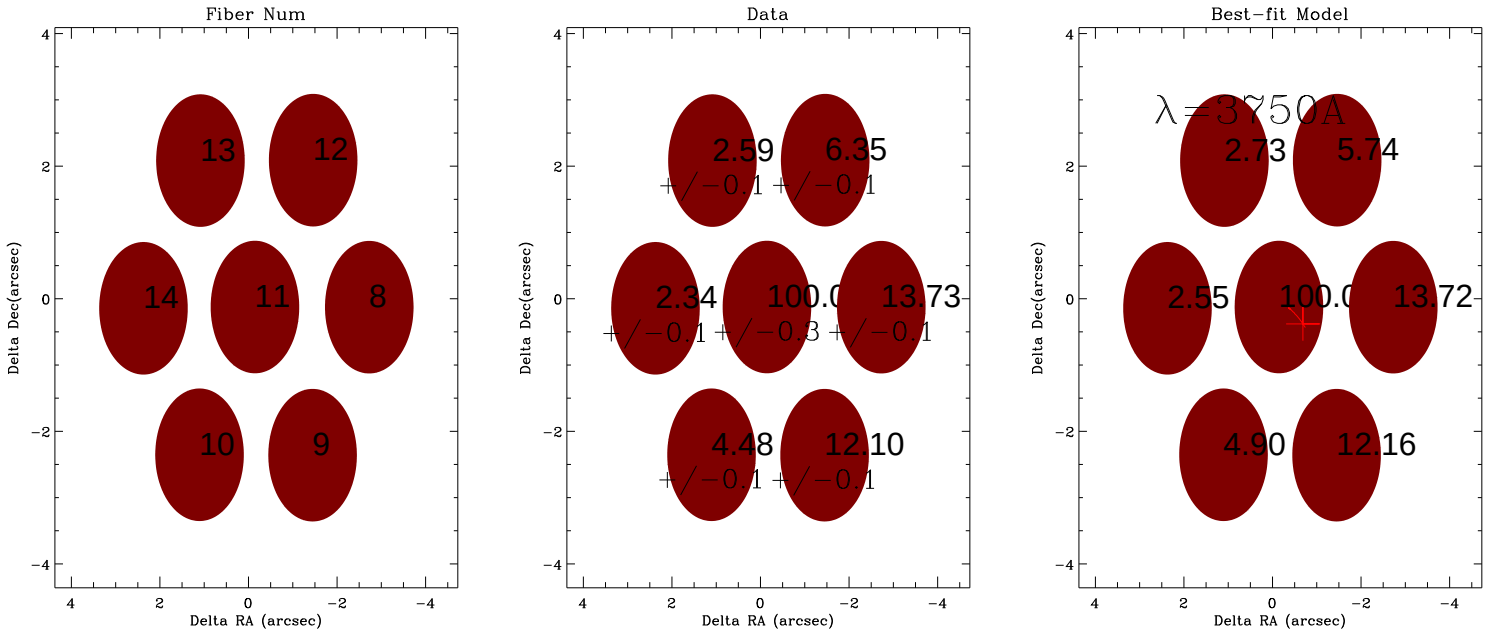

PLATE=8672 MJD=57504 Spectro-Photo Star Bundle 60 Fiber 193
BOSZ_m03cp00op00t6000g50v20
Lines χ^2/DOF= 7.44
Fe/H=−0.2 T_{eff}= 6000. g=5.0 cz= 6.
Normalized Flux
Wavelength [Ang]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
3850
3900
3950
4000
4050
4100

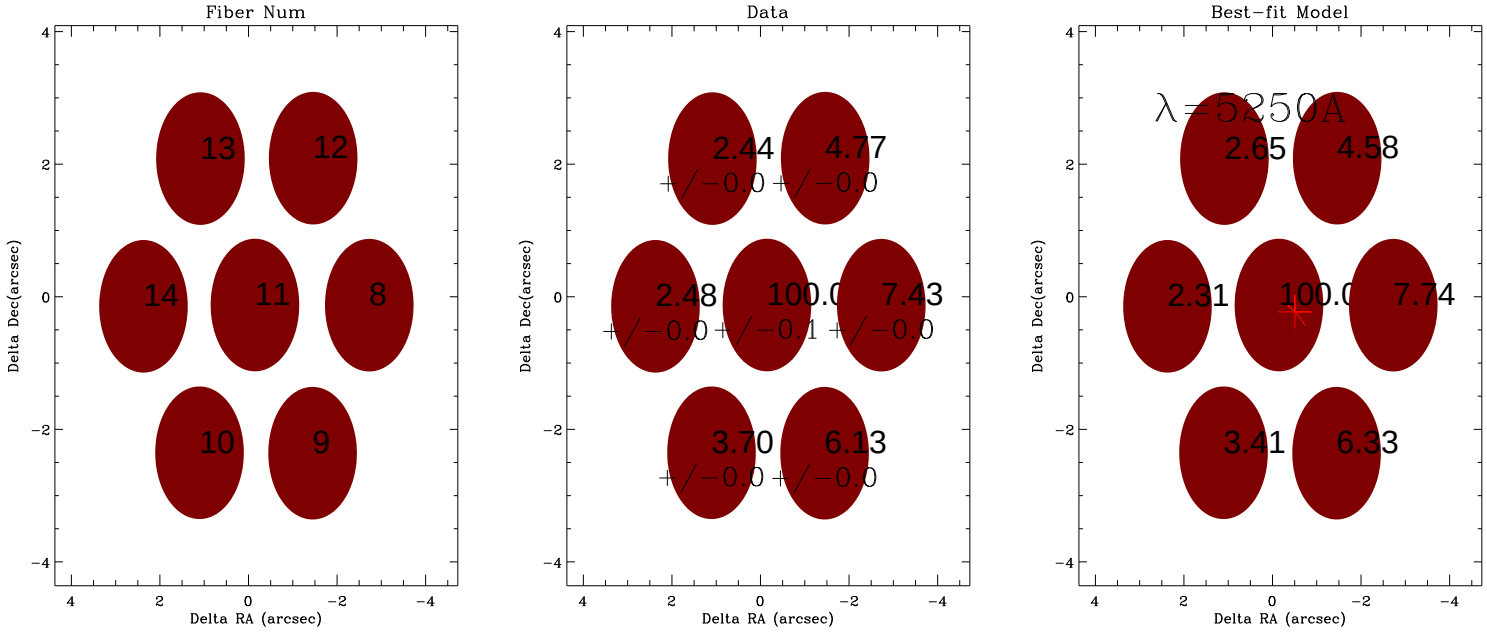

1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Normalized Flux
8600
8800
9000
Wavelength [Ang]

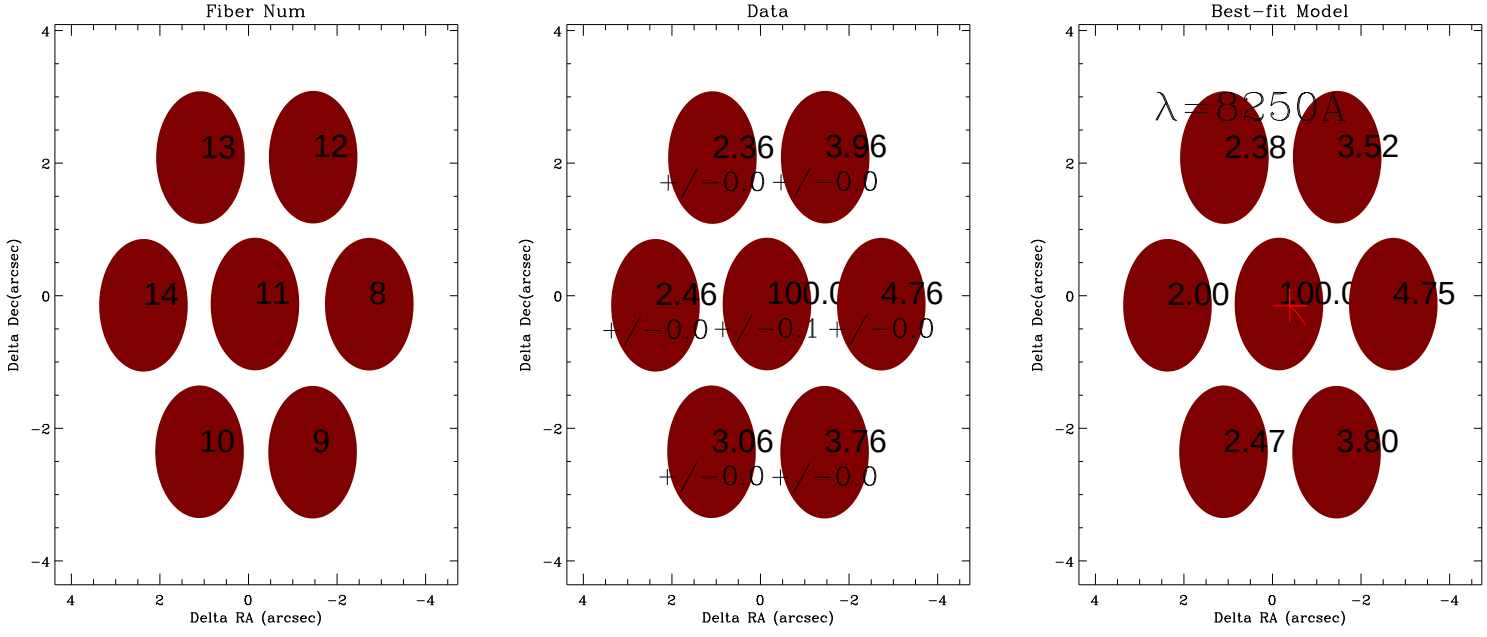

Fiber Num
Data
Best-fit Model
λ=3750A
λ=5250A
λ=8250A
Delta Dec(arcsec)
Delta RA (arcsec)
6
5
7
4
1
3
2
2.12 +/-0.1 11.65 +/-0.1
1.95 +/-0.1 100.0 +/-0.3 49.72 +/-0.2
5.92 +/-0.1 25.39 +/-0.1
2.42 10.28
1.69 100.0 49.19
4.53 25.77
2.06 +/-0.0 6.90 +/-0.0
1.78 +/-0.0 100.0 +/-0.1 19.63 +/-0.0
3.28 +/-0.0 11.49 +/-0.0
2.28 7.14
1.60 100.0 19.87
3.21 11.36
1.82 +/-0.0 4.91 +/-0.0
1.66 +/-0.0 100.0 +/-0.0 9.95 +/-0.0
2.40 +/-0.0 6.08 +/-0.0
2.03 4.93
1.43 100.0 9.41
2.32 5.89

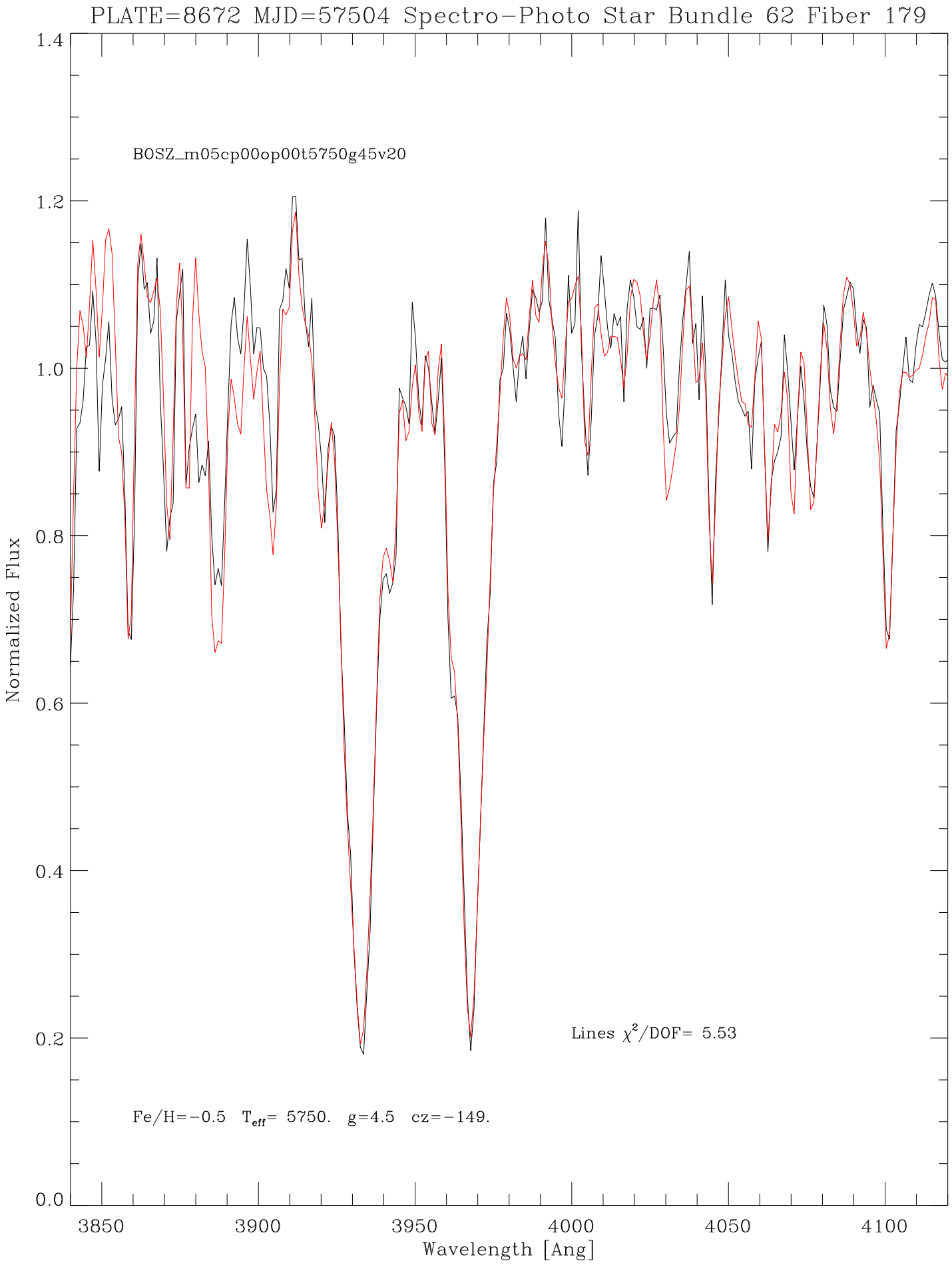

PLATE=8672 MJD=57504 Spectro-Photo Star Bundle 61 Fiber 186
BOSZ_m03cp00op00t6000g50v20
Normalized Flux
Wavelength [Ang]
Lines χ^2/DOF= 7.43
Fe/H=−0.2 T_{eff}= 6000. g=5.0 cz= −18.
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
3850
3900
3950
4000
4050
4100

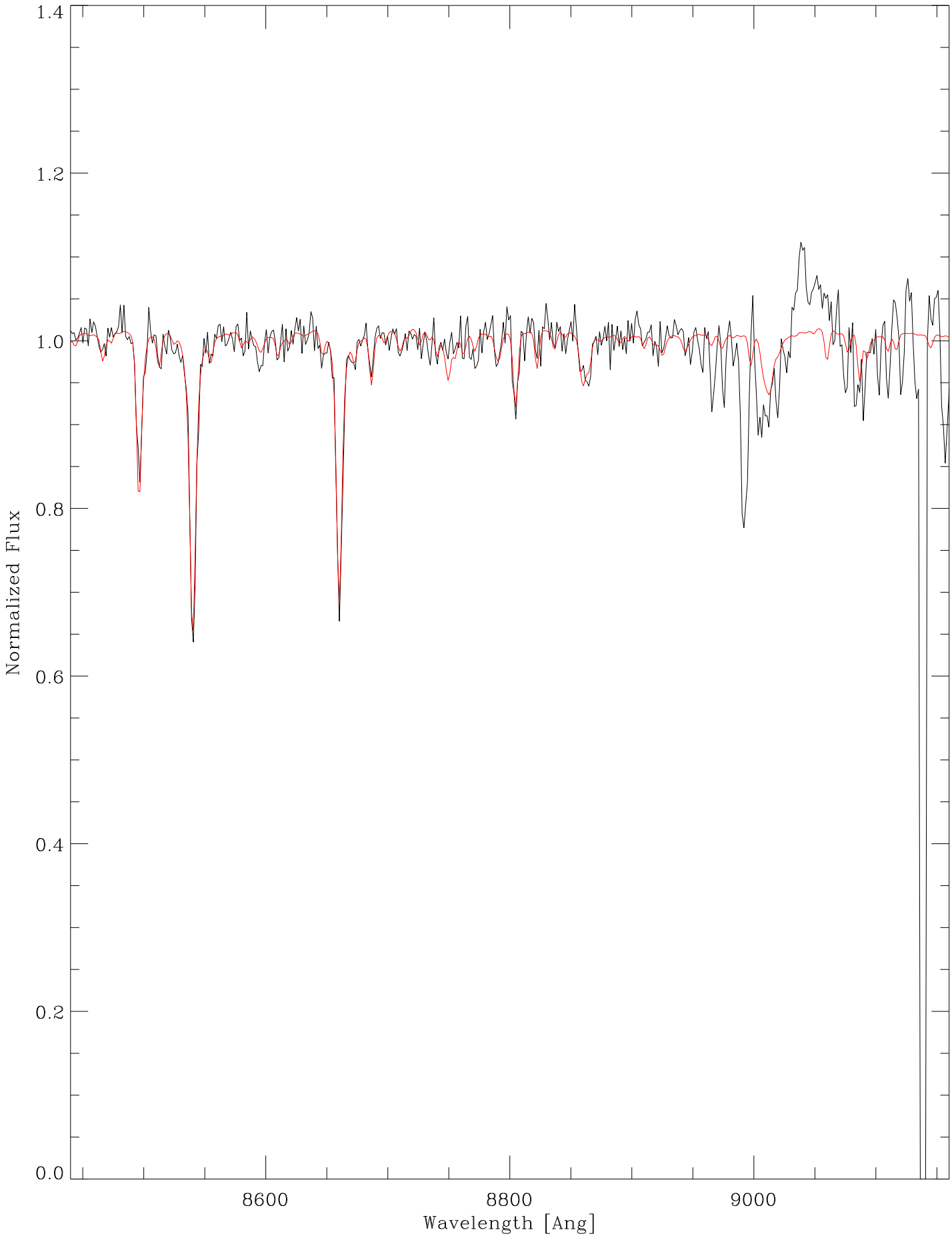

1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Normalized Flux
8600
8800
9000
Wavelength [Ang]

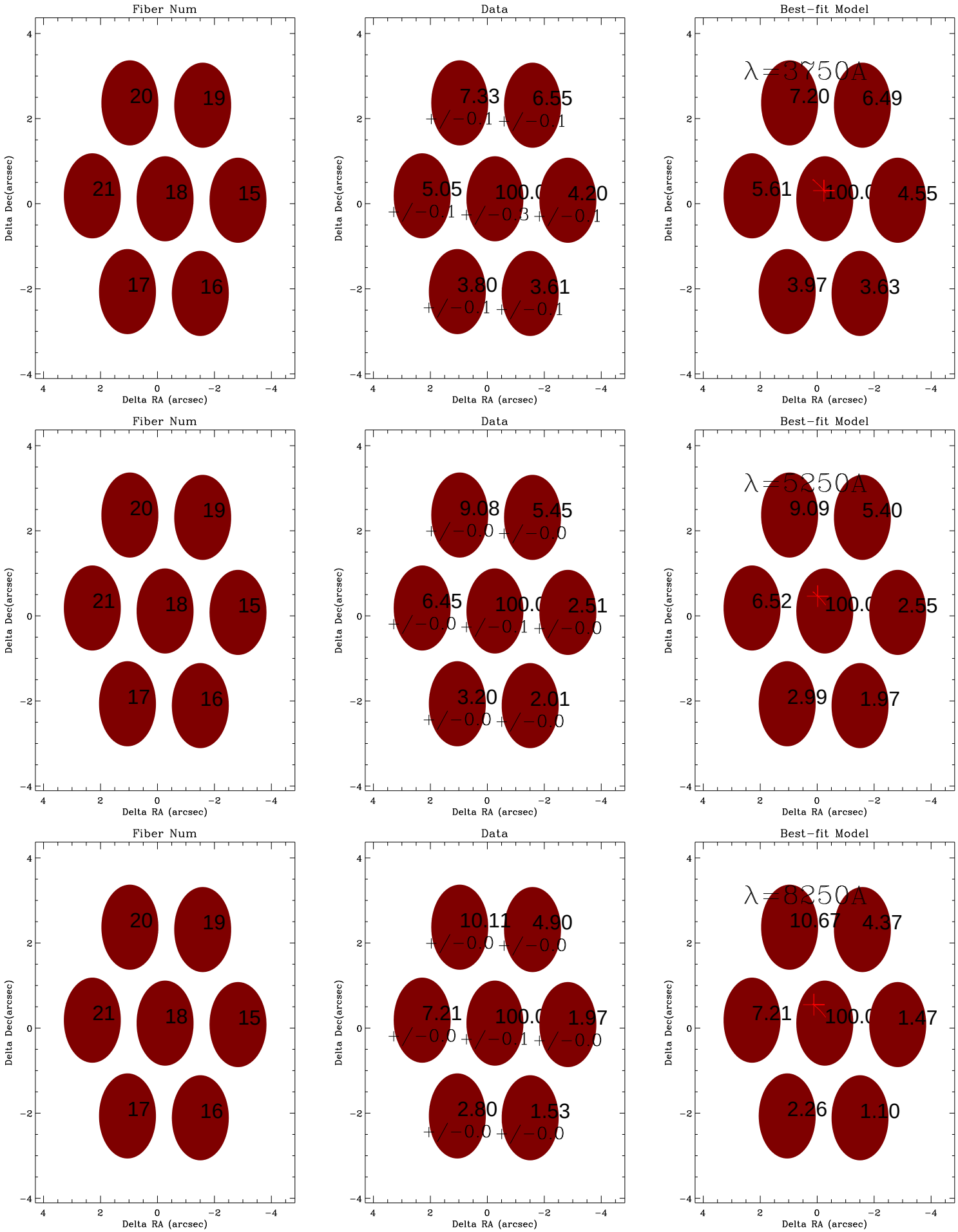

Fiber Num
Data
Best-fit Model
λ=3750A
13
12
14
11
8
10
9
2.59 6.35
+/-0.1 +/-0.1
2.34 100.0 13.73
+/-0.1 +/-0.3 +/-0.1
4.48 12.10
+/-0.1 +/-0.1
2.73 5.74
2.55 100.0 13.72
4.90 12.16
Delta Dec(arcsec)
Delta RA (arcsec)

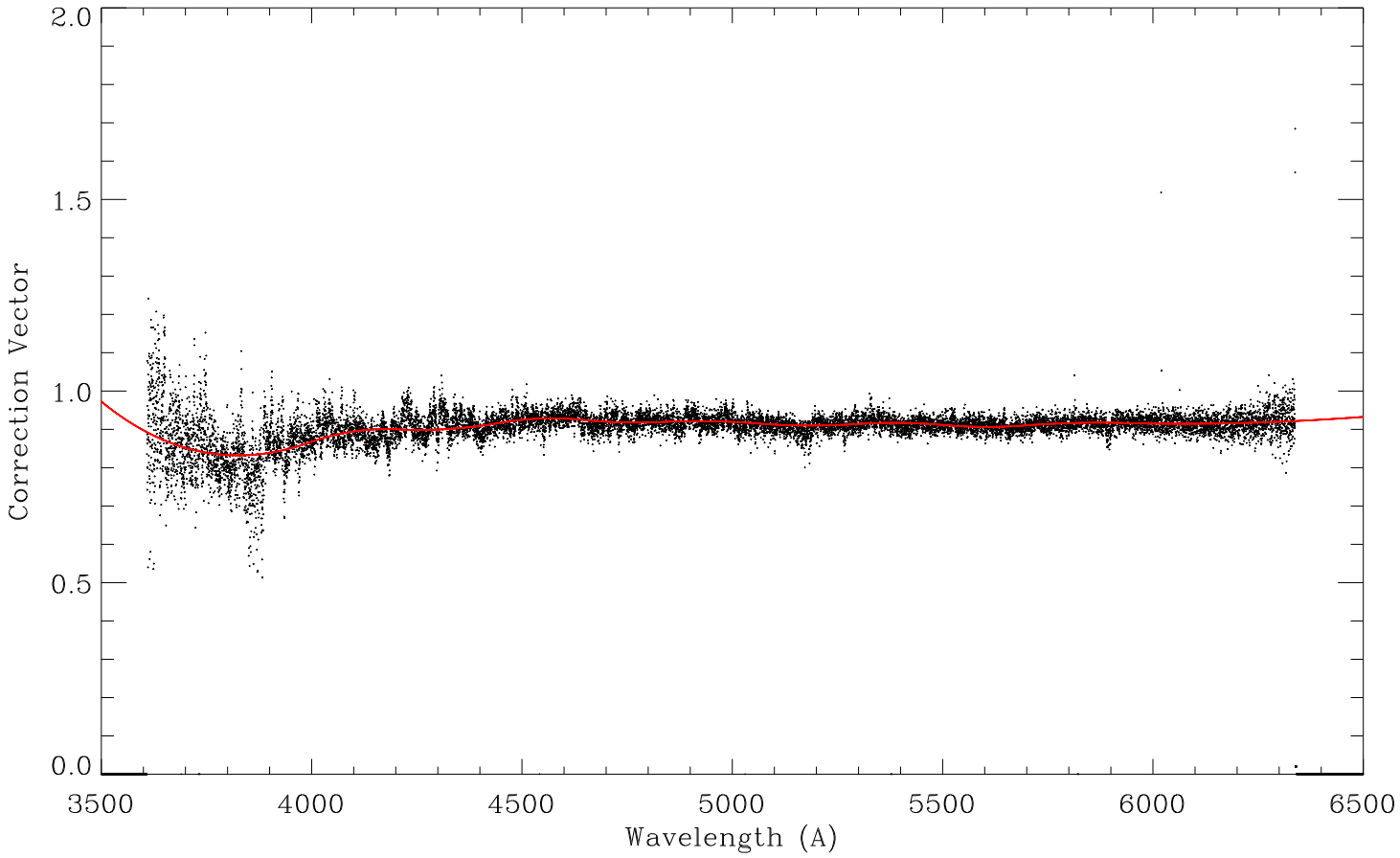

Fiber Num
Data
Best-fit Model
λ=5250A
13
12
14
11
8
10
9
2.44 4.77
+/-0.0 +/-0.0
2.48 100.0 7.43
+/-0.0 +/-0.1 +/-0.0
3.70 6.13
+/-0.0 +/-0.0
2.65 4.58
2.31 100.0 7.74
3.41 6.33
Delta Dec(arcsec)
Delta RA (arcsec)

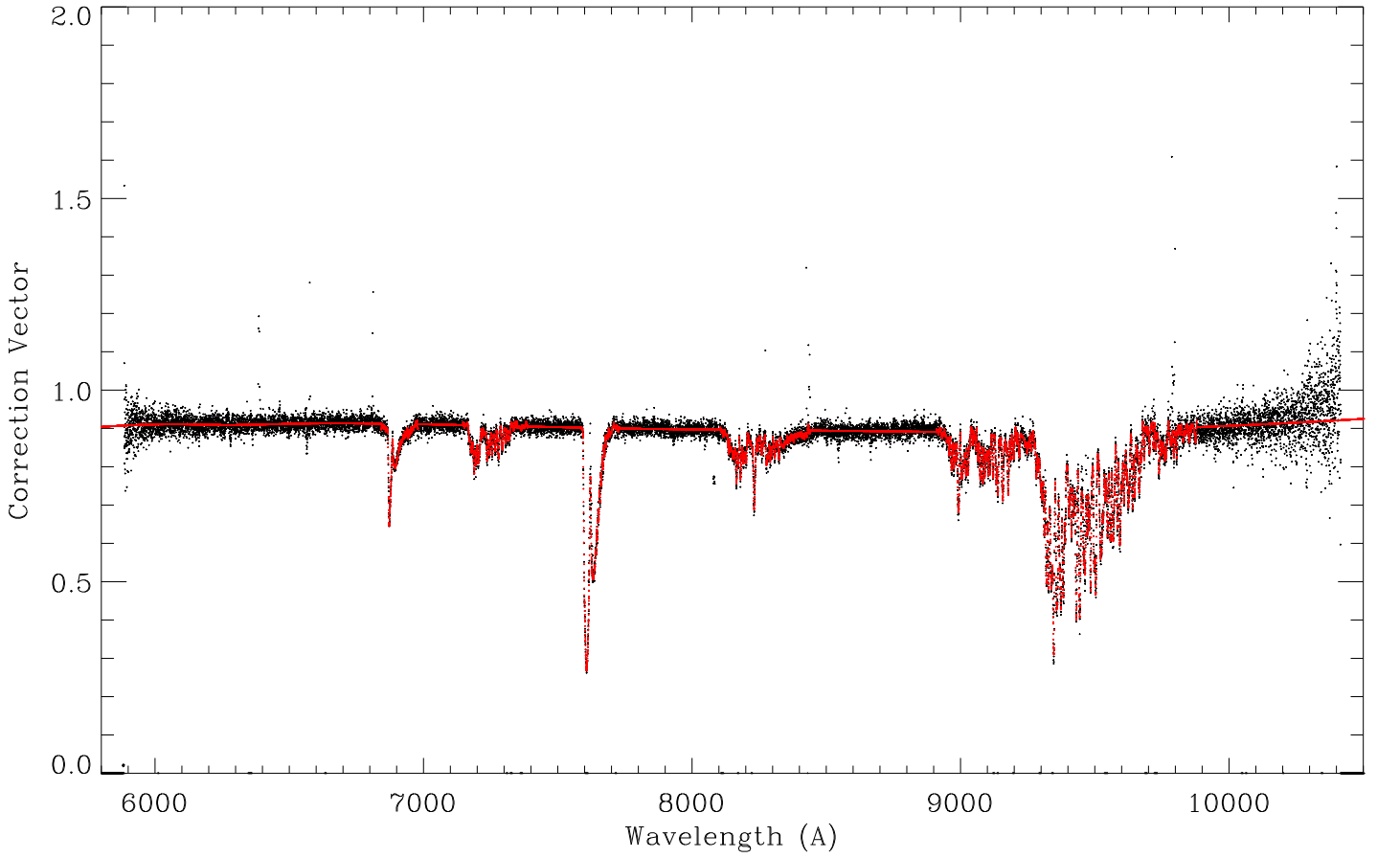

Fiber Num
Data
Best-fit Model
λ=8250A
13
12
14
11
8
10
9
2.36 3.96
+/-0.0 +/-0.0
2.46 100.0 4.76
+/-0.0 +/-0.1 +/-0.0
3.06 3.76
+/-0.0 +/-0.0
2.38 3.52
2.00 100.0 4.75
2.47 3.80
Delta Dec(arcsec)
Delta RA (arcsec)


PLATE=8672 MJD=57504 Spectro-Photo Star Bundle 62 Fiber 179
BOSZ_m05cp00op00t5750g45v20
Lines χ^2/DOF= 5.53
Fe/H=−0.5 T_{eff}= 5750. g=4.5 cz=−149.
Normalized Flux
Wavelength [Ang]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
3850
3900
3950
4000
4050
4100


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


Fiber Num
Data
Best-fit Model
λ=3750A
λ=5250A
λ=8250A
Delta RA (arcsec)
Delta Dec(arcsec)
20
19
21
18
15
17
16
7.33 +/-0.1
6.55 +/-0.1
5.05 +/-0.1
100.0 +/-0.3
4.20 +/-0.1
3.80 +/-0.1
3.61 +/-0.1
7.20
6.49
5.61
100.0
4.55
3.97
3.63
9.08 +/-0.0
5.45 +/-0.0
6.45 +/-0.0
100.0 +/-0.1
2.51 +/-0.0
3.20 +/-0.0
2.01 +/-0.0
9.09
5.40
6.52
100.0
2.55
2.99
1.97
10.11 +/-0.0
4.90 +/-0.0
7.21 +/-0.0
100.0 +/-0.1
1.97 +/-0.0
2.80 +/-0.0
1.53 +/-0.0
10.67
4.37
7.21
100.0
1.47
2.26
1.10


2.0
1.5
1.0
0.5
0.0
Correction Vector
3500
4000
4500
5000
5500
6000
6500
Wavelength (A)


2.0
1.5
1.0
0.5
0.0
Correction Vector
6000
7000
8000
9000
10000
Wavelength (A)