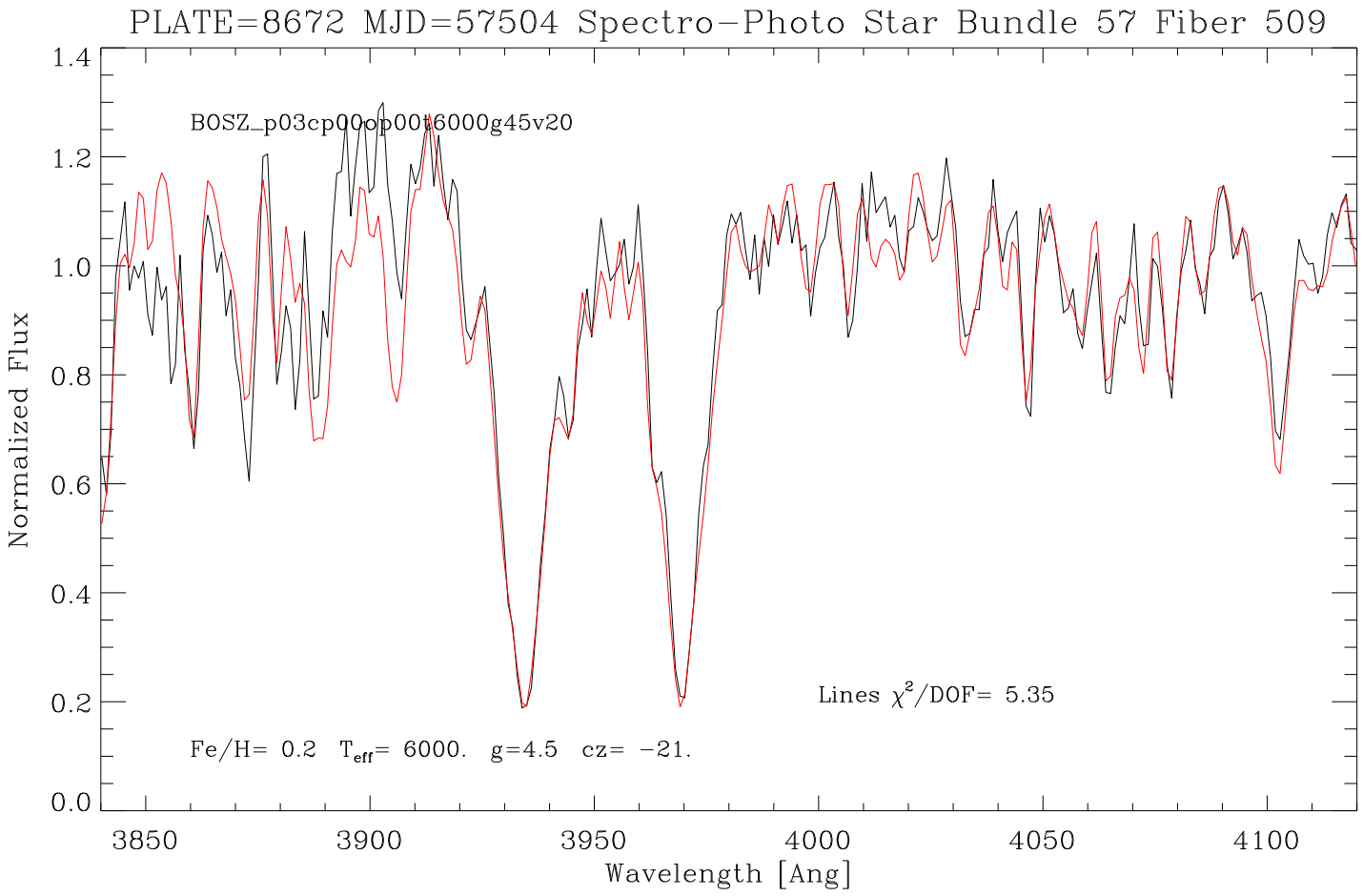
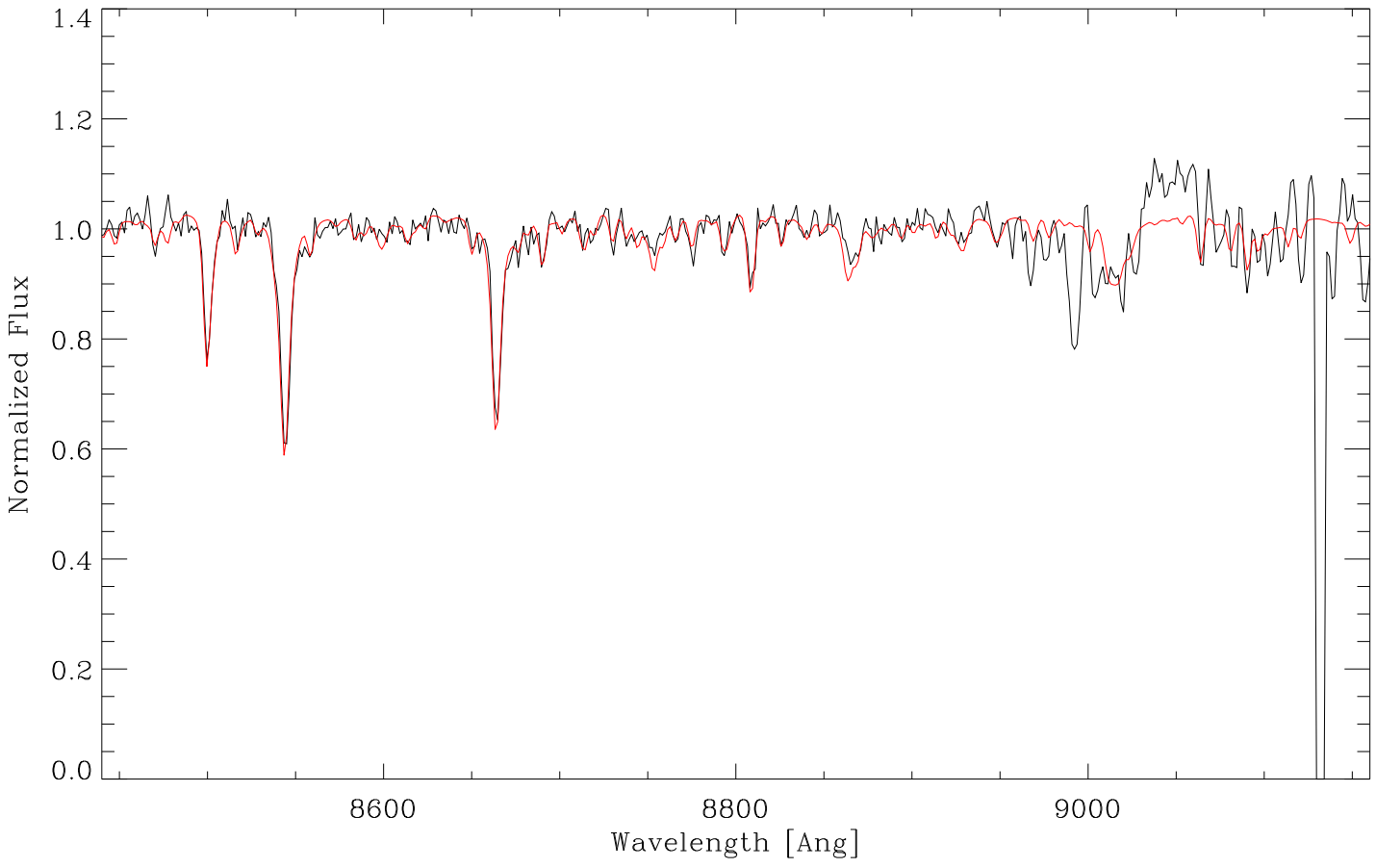
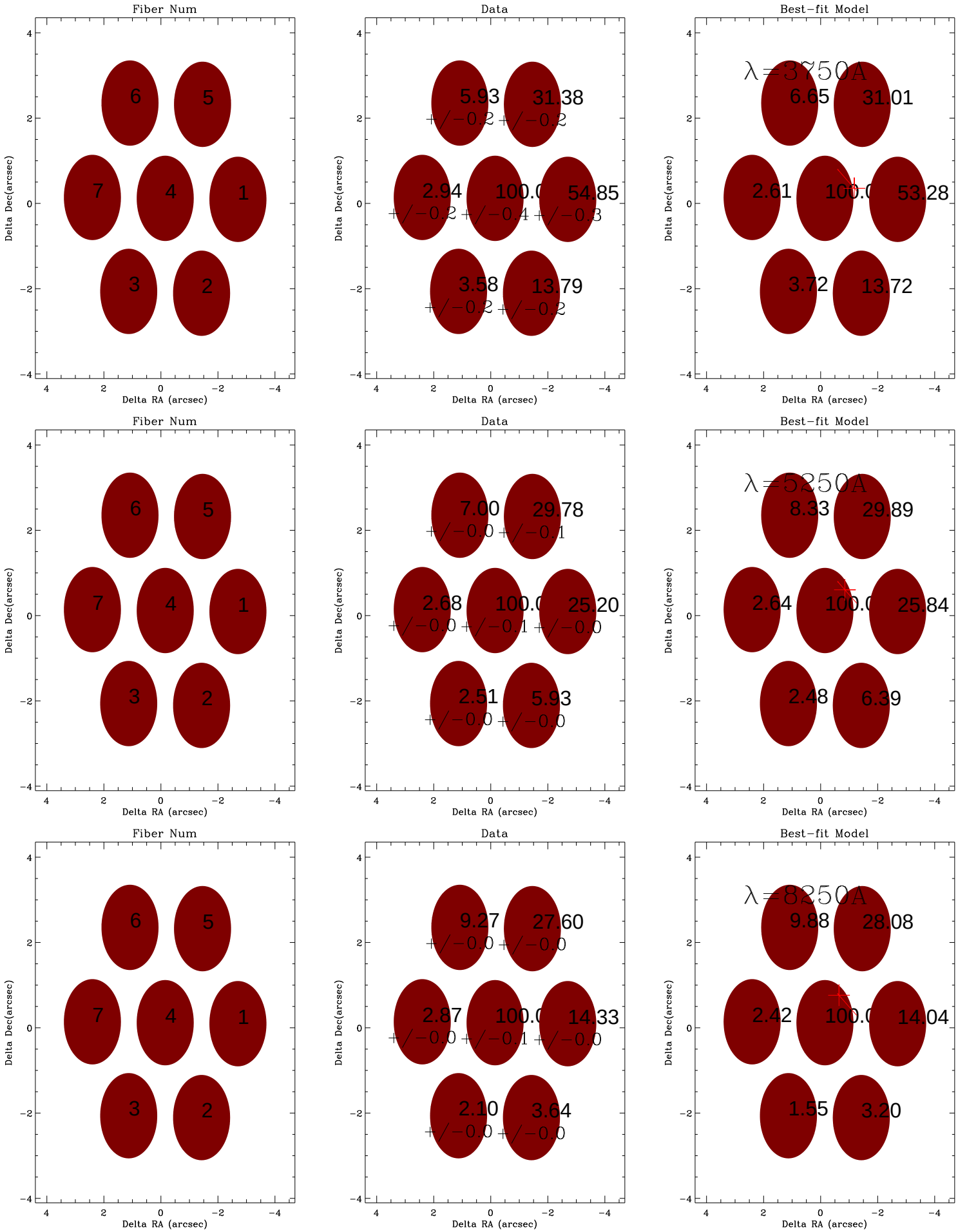
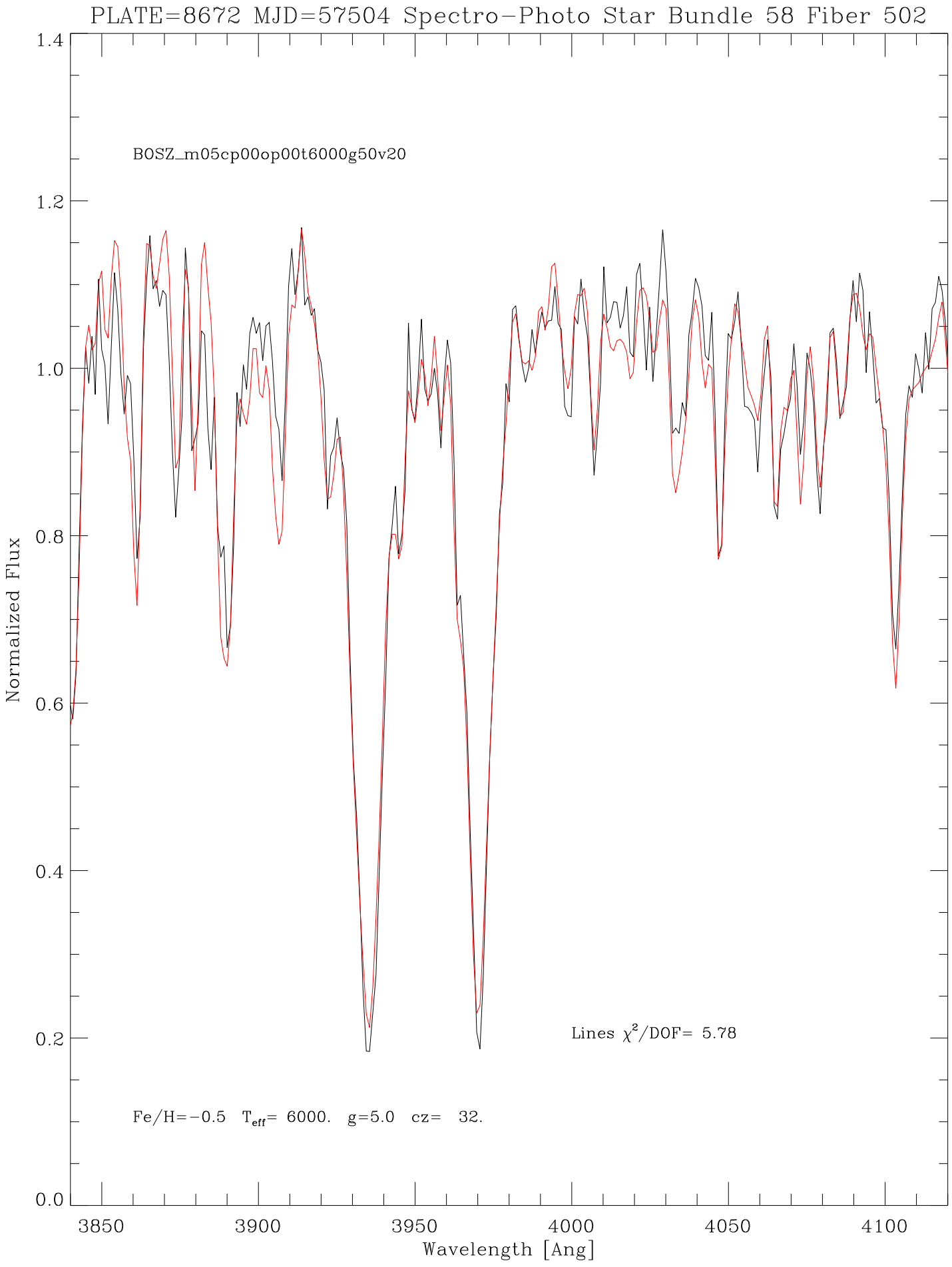
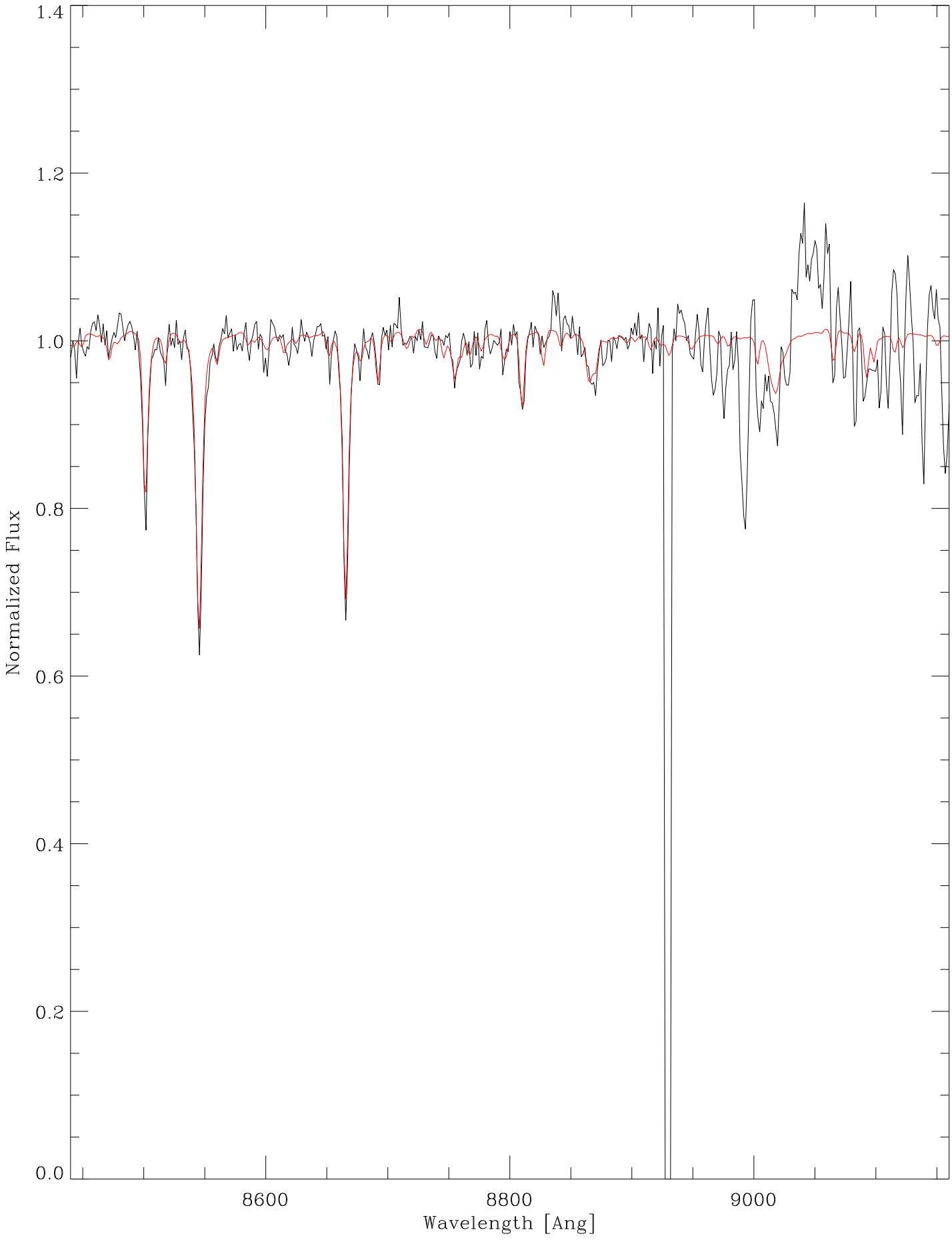
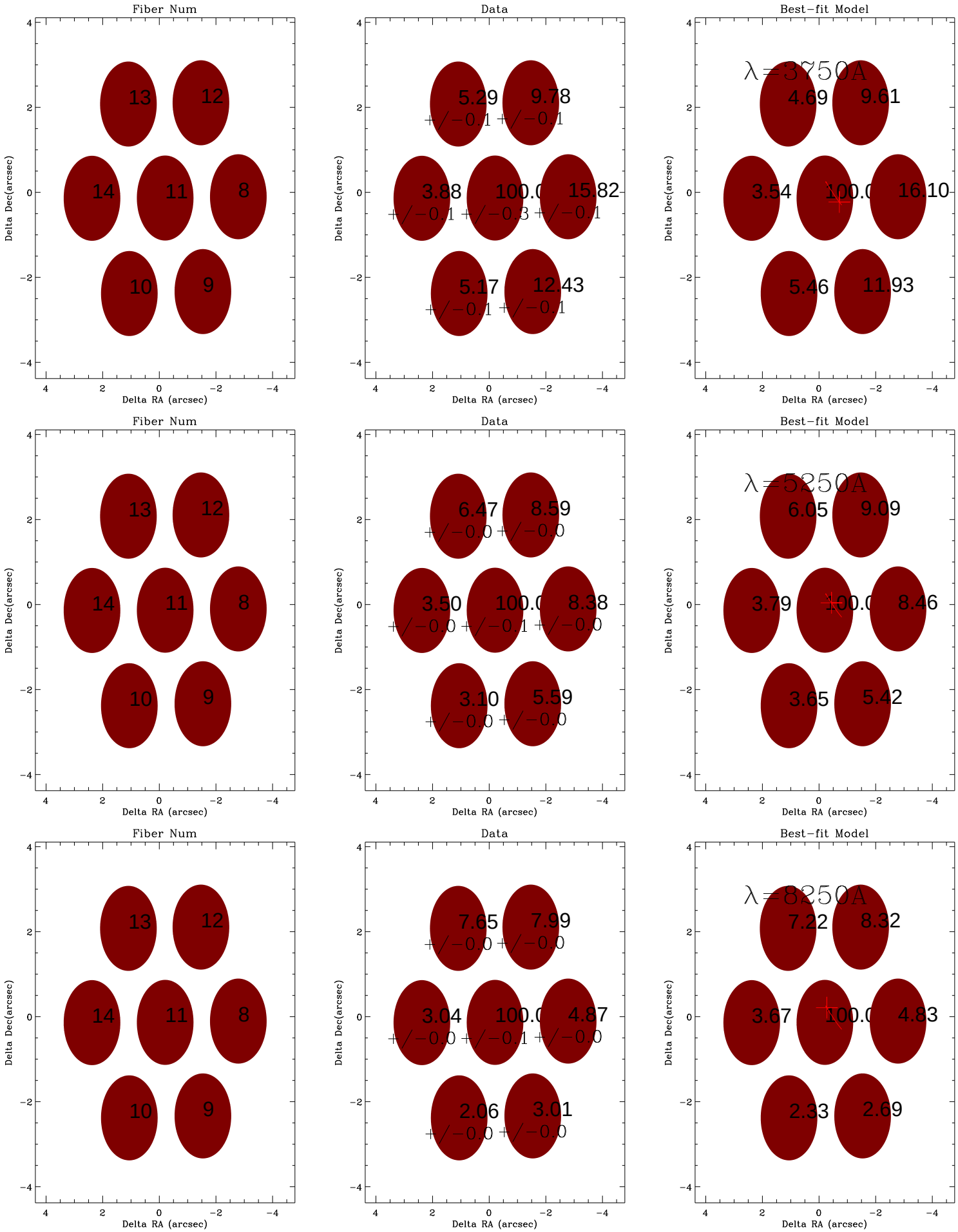

PLATE=8672 MJD=57504 Spectro-Photo Star Bundle 57 Fiber 509
BOSZ_p03cp00op00t6000g45v20
Lines χ²/DOF= 5.35
Fe/H= 0.2 T_eff= 6000. g=4.5 cz= -21.
Normalized Flux
Wavelength [Ang]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
3850
3900
3950
4000
4050
4100

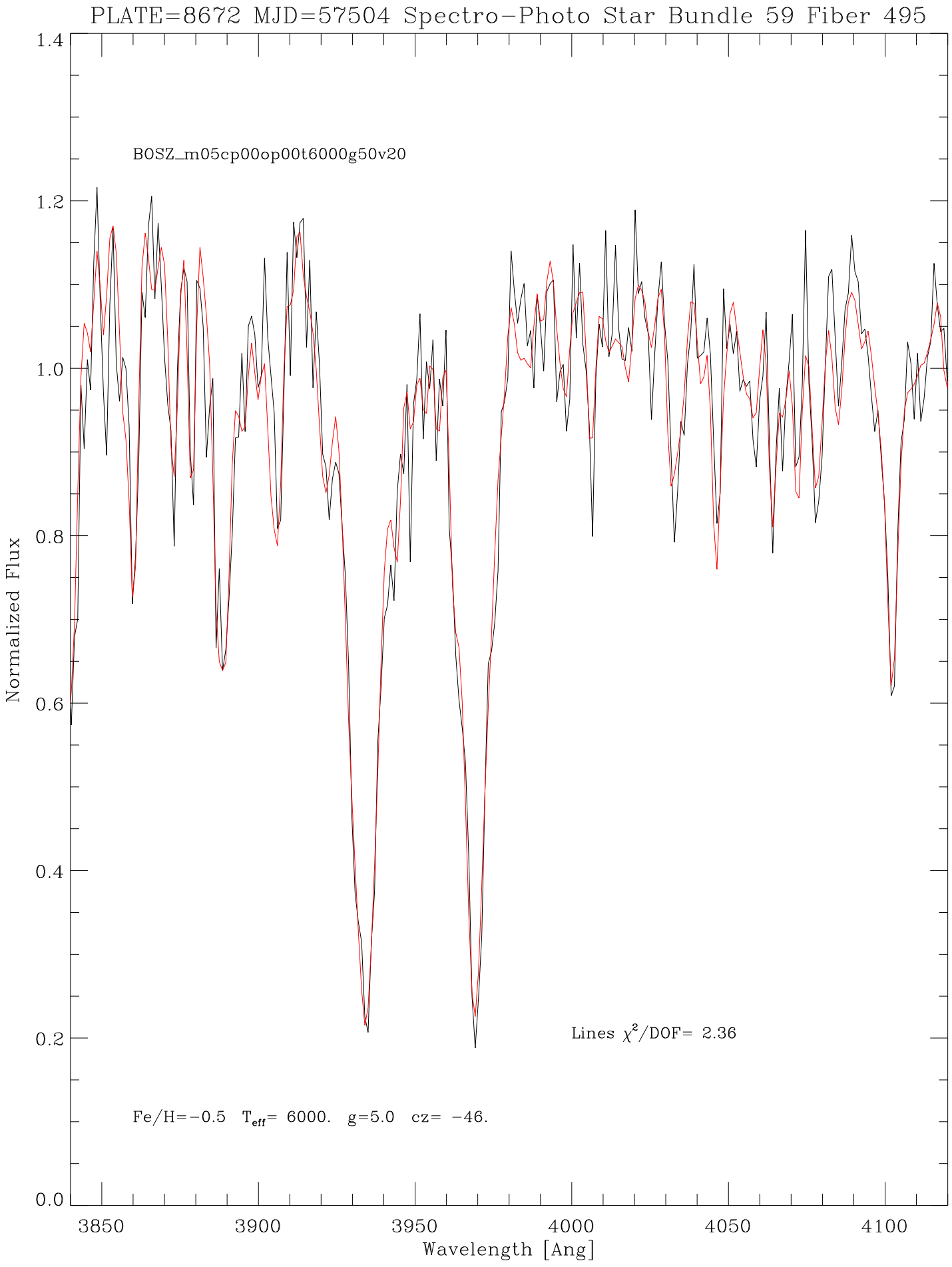

Normalized Flux
Wavelength [Ang]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
8600
8800
9000

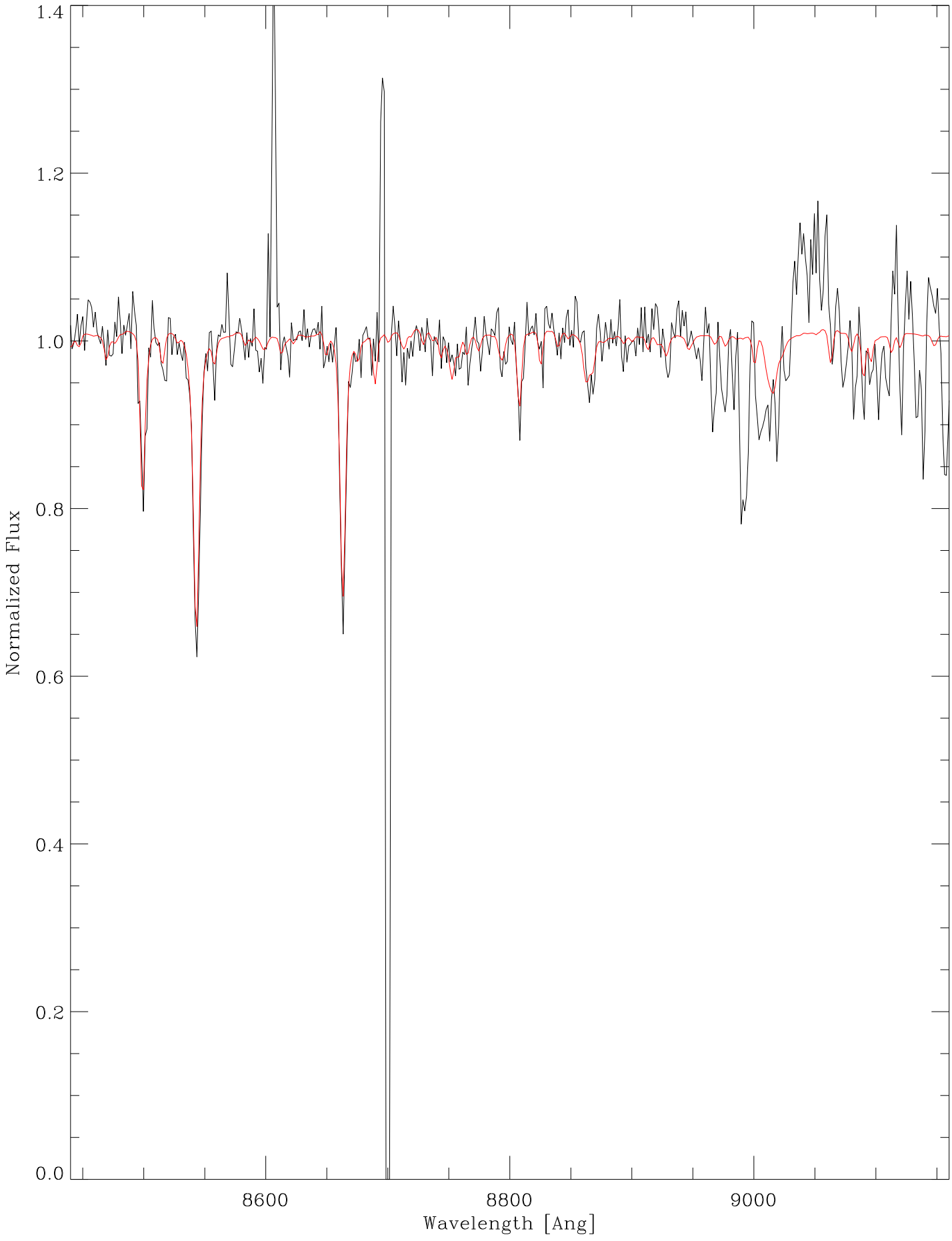

Fiber Num
Data
Best-fit Model
λ=3750A
λ=5250A
λ=8250A
Delta Dec(arcsec)
Delta RA (arcsec)
6
5
7
4
1
3
2
5.93 +/-0.2
31.38 +/-0.2
2.94 +/-0.2
100.0 +/-0.4
54.85 +/-0.3
3.58 +/-0.2
13.79 +/-0.2
6.65
31.01
2.61
100.0
53.28
3.72
13.72
7.00 +/-0.0
29.78 +/-0.1
2.68 +/-0.0
100.0 +/-0.1
25.20 +/-0.0
2.51 +/-0.0
5.93 +/-0.0
8.33
29.89
2.64
100.0
25.84
2.48
6.39
9.27 +/-0.0
27.60 +/-0.0
2.87 +/-0.0
100.0 +/-0.1
14.33 +/-0.0
2.10 +/-0.0
3.64 +/-0.0
9.88
28.08
2.42
100.0
14.04
1.55
3.20

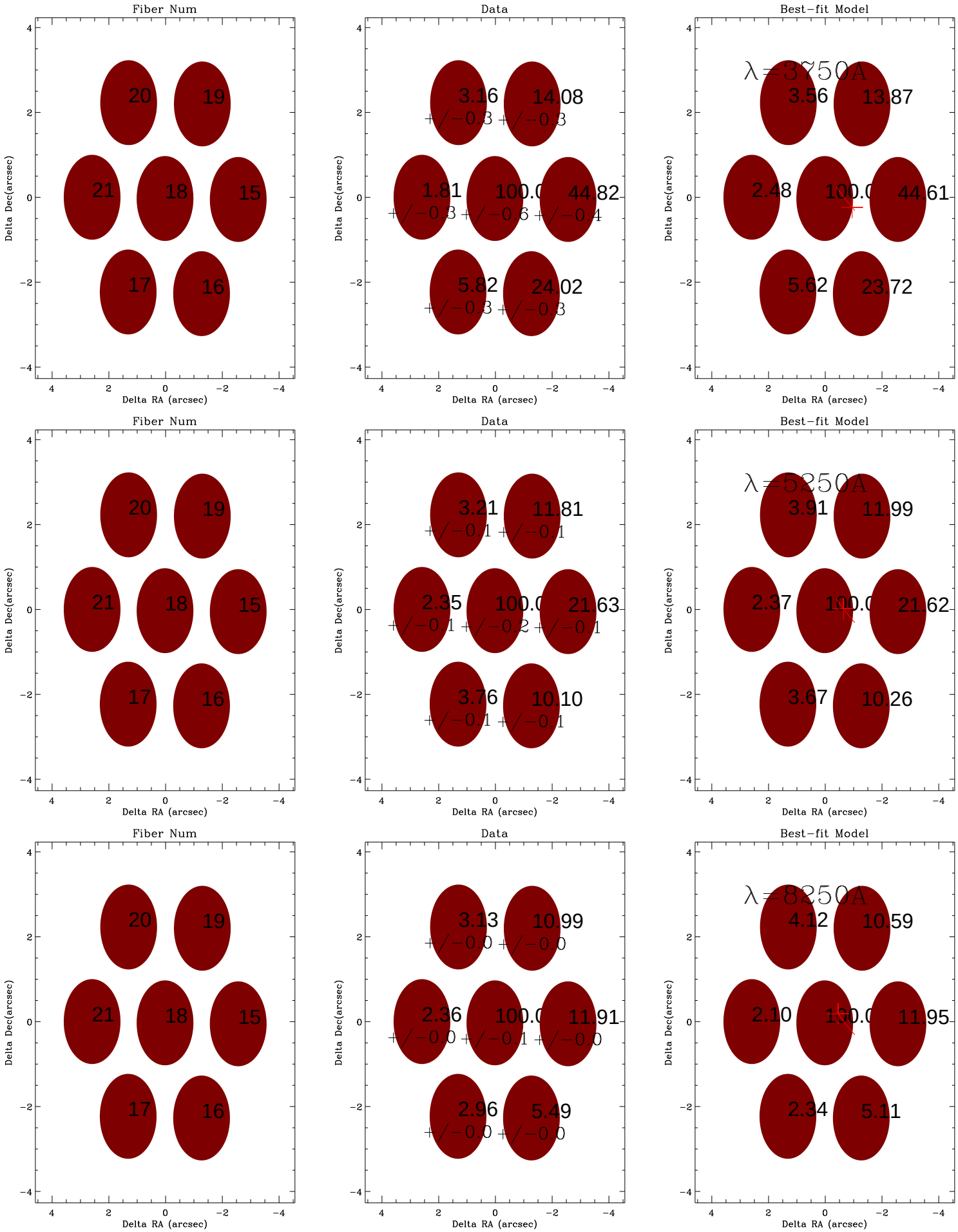

PLATE=8672 MJD=57504 Spectro-Photo Star Bundle 58 Fiber 502
BOSZ_m05cp00op00t6000g50v20
Lines χ^2/DOF= 5.78
Fe/H=−0.5 T_{eff}= 6000. g=5.0 cz= 32.
Normalized Flux
Wavelength [Ang]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
3850
3900
3950
4000
4050
4100

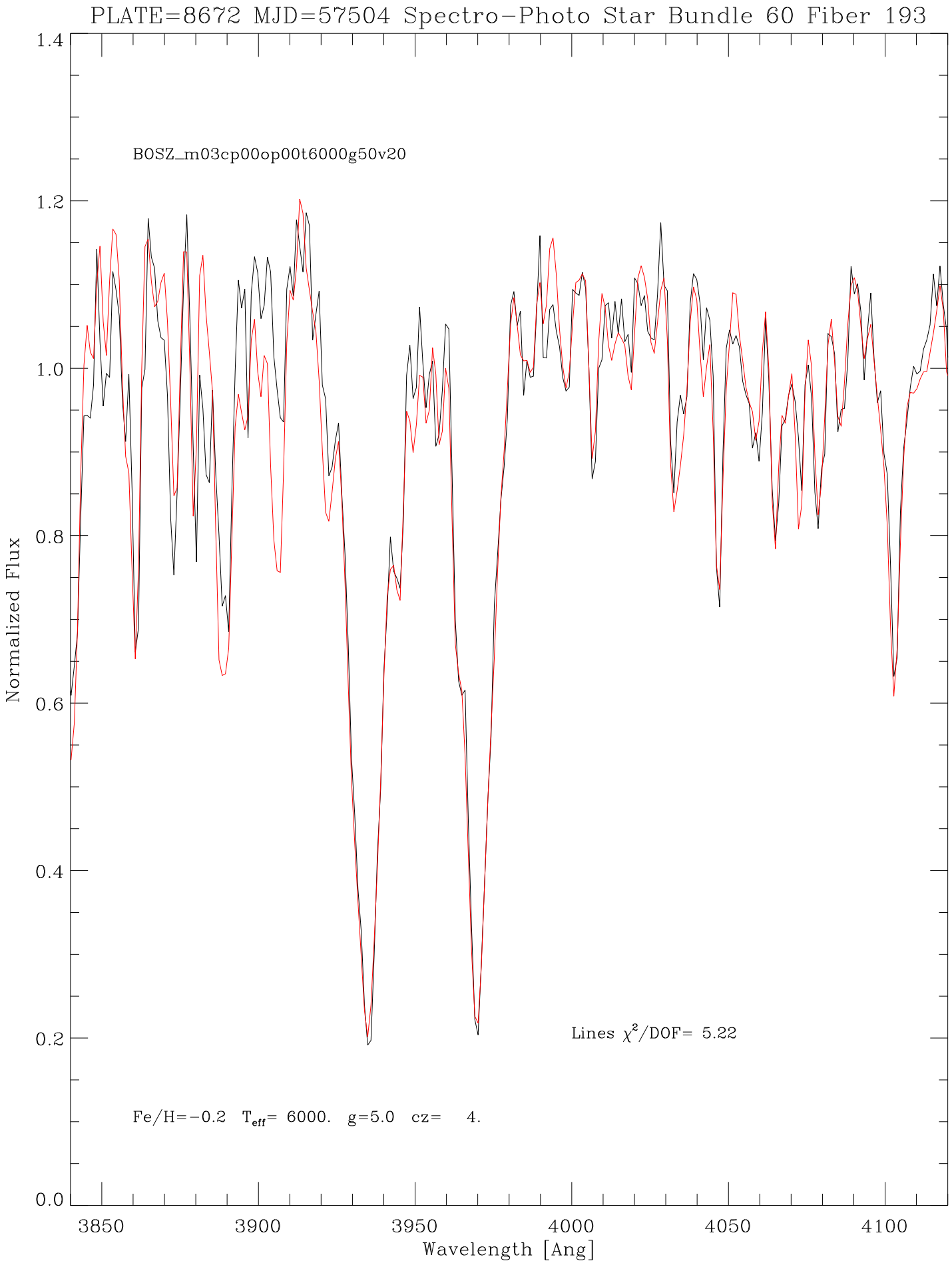

1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Normalized Flux
8600
8800
9000
Wavelength [Ang]

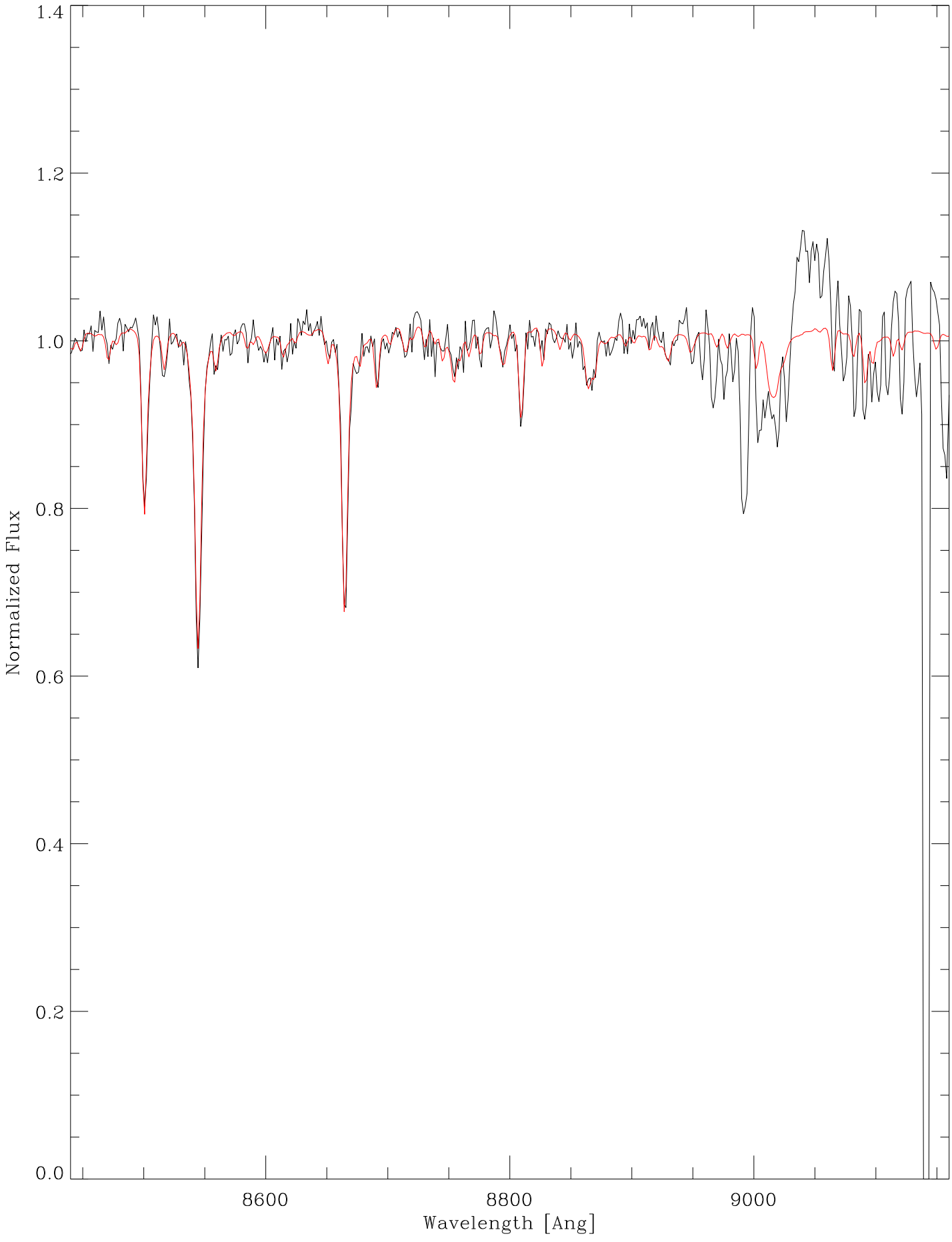

Fiber Num
Data
Best-fit Model
λ=3750A
λ=5250A
λ=8250A
Delta Dec(arcsec)
Delta RA (arcsec)
13
12
14
11
8
10
9
5.29 9.78
+/−0.1 +/−0.1
3.88 100.0 15.82
+/−0.1 +/−0.3 +/−0.1
5.17 12.43
+/−0.1 +/−0.1
4.69 9.61
3.54 100.0 16.10
5.46 11.93
6.47 8.59
+/−0.0 +/−0.0
3.50 100.0 8.38
+/−0.0 +/−0.1 +/−0.0
3.10 5.59
+/−0.0 +/−0.0
6.05 9.09
3.79 100.0 8.46
3.65 5.42
7.65 7.99
+/−0.0 +/−0.0
3.04 100.0 4.87
+/−0.0 +/−0.1 +/−0.0
2.06 3.01
+/−0.0 +/−0.0
7.22 8.32
3.67 100.0 4.83
2.33 2.69

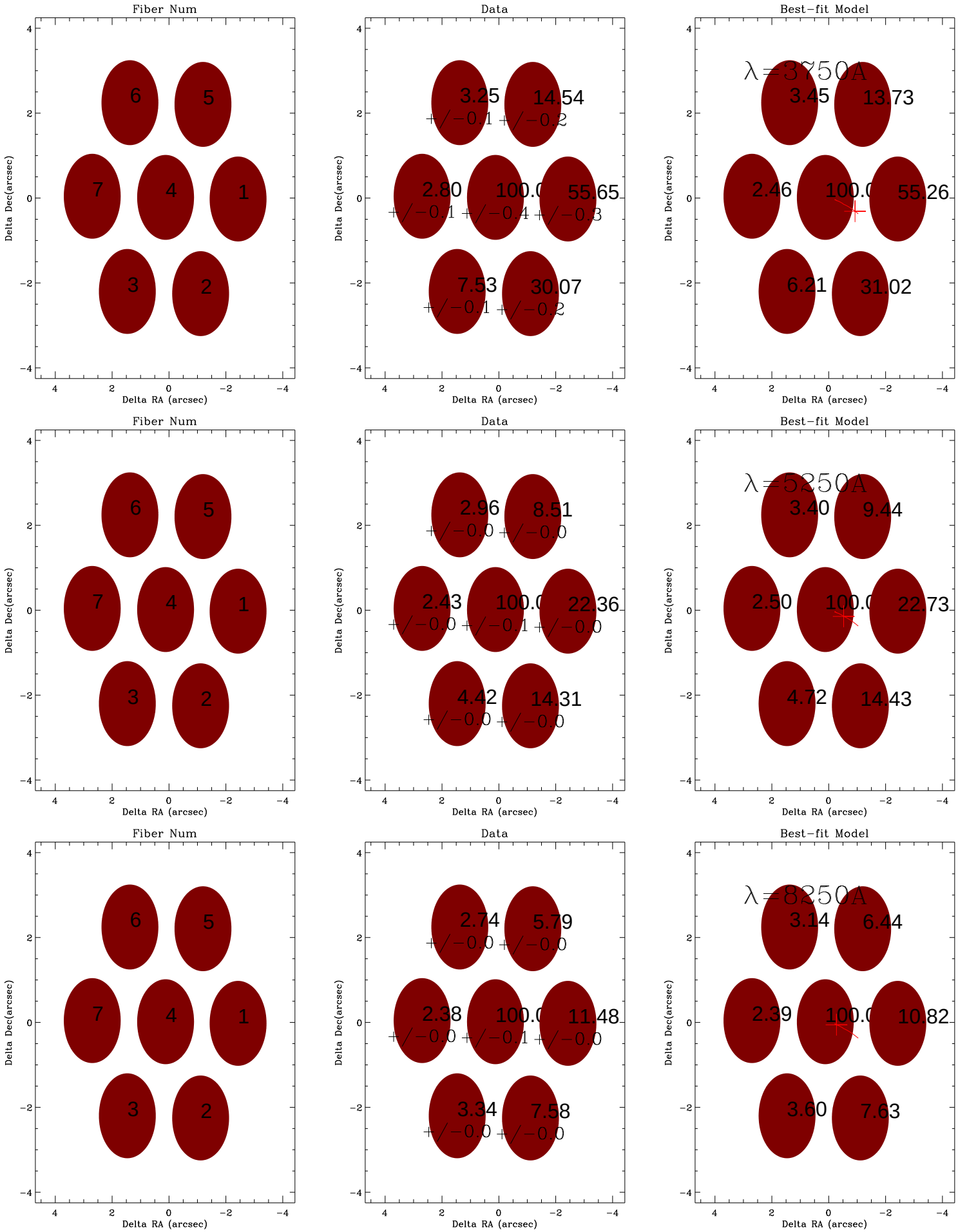

PLATE=8672 MJD=57504 Spectro-Photo Star Bundle 59 Fiber 495
BOSZ_m05cp00op00t6000g50v20
Lines χ^2/DOF= 2.36
Fe/H=−0.5 T_{eff}= 6000. g=5.0 cz= −46.
Normalized Flux
Wavelength [Ang]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
3850
3900
3950
4000
4050
4100

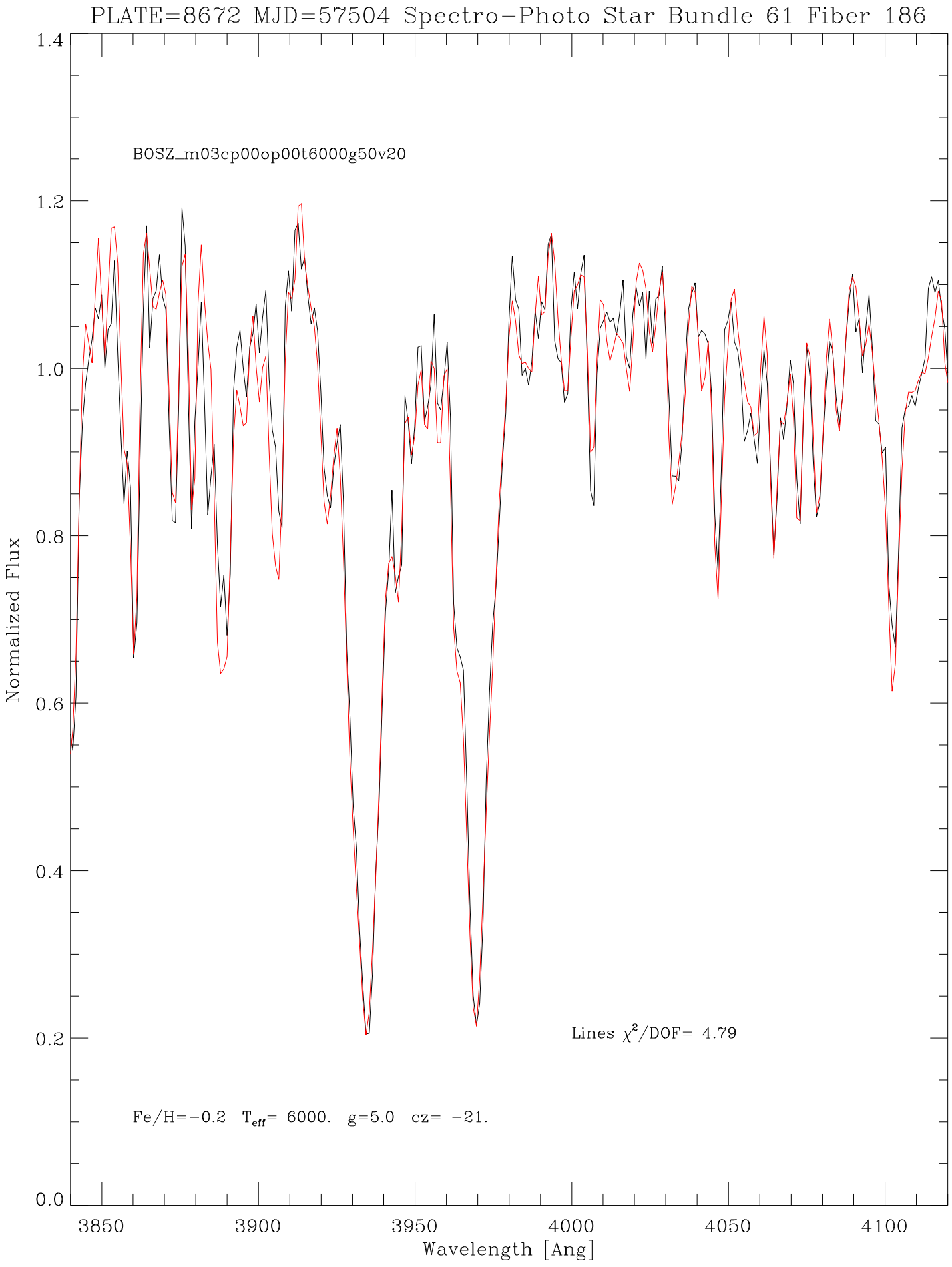

1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Normalized Flux
8600
8800
9000
Wavelength [Ang]

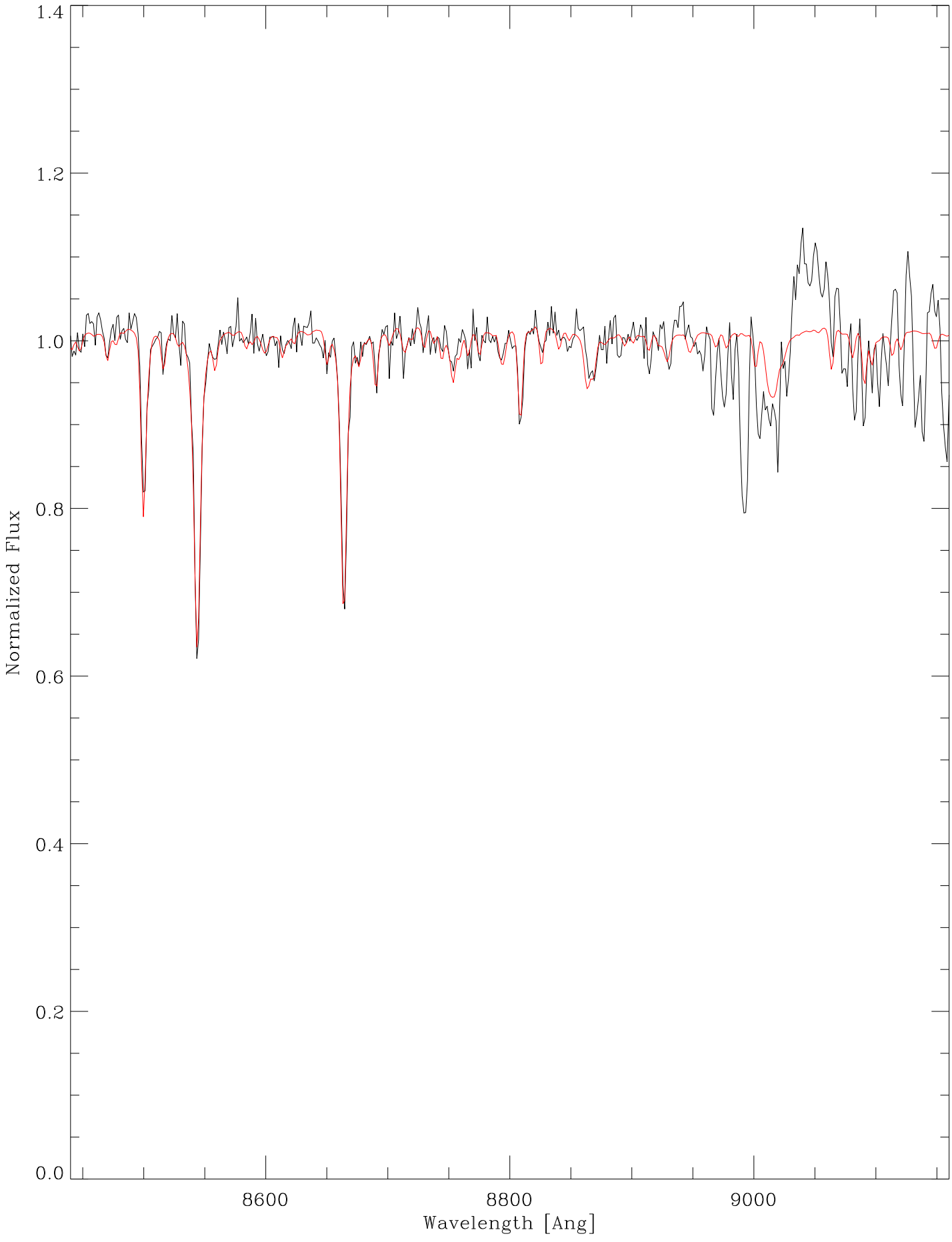

Fiber Num
Data
Best-fit Model
λ=3750A
λ=5250A
λ=8250A
Delta RA (arcsec)
Delta Dec(arcsec)
20
19
21
18
15
17
16
3.16 +/-0.3
14.08 +/-0.3
1.81 +/-0.3
100.0 +/-0.6
44.82 +/-0.4
5.82 +/-0.3
24.02 +/-0.3
3.56
13.87
2.48
100.0
44.61
5.62
23.72
3.21 +/-0.1
11.81 +/-0.1
2.35 +/-0.1
100.0 +/-0.2
21.63 +/-0.1
3.76 +/-0.1
10.10 +/-0.1
3.91
11.99
2.37
100.0
21.62
3.67
10.26
3.13 +/-0.0
10.99 +/-0.0
2.36 +/-0.0
100.0 +/-0.1
11.91 +/-0.0
2.96 +/-0.0
5.49 +/-0.0
4.12
10.59
2.10
100.0
11.95
2.34
5.11

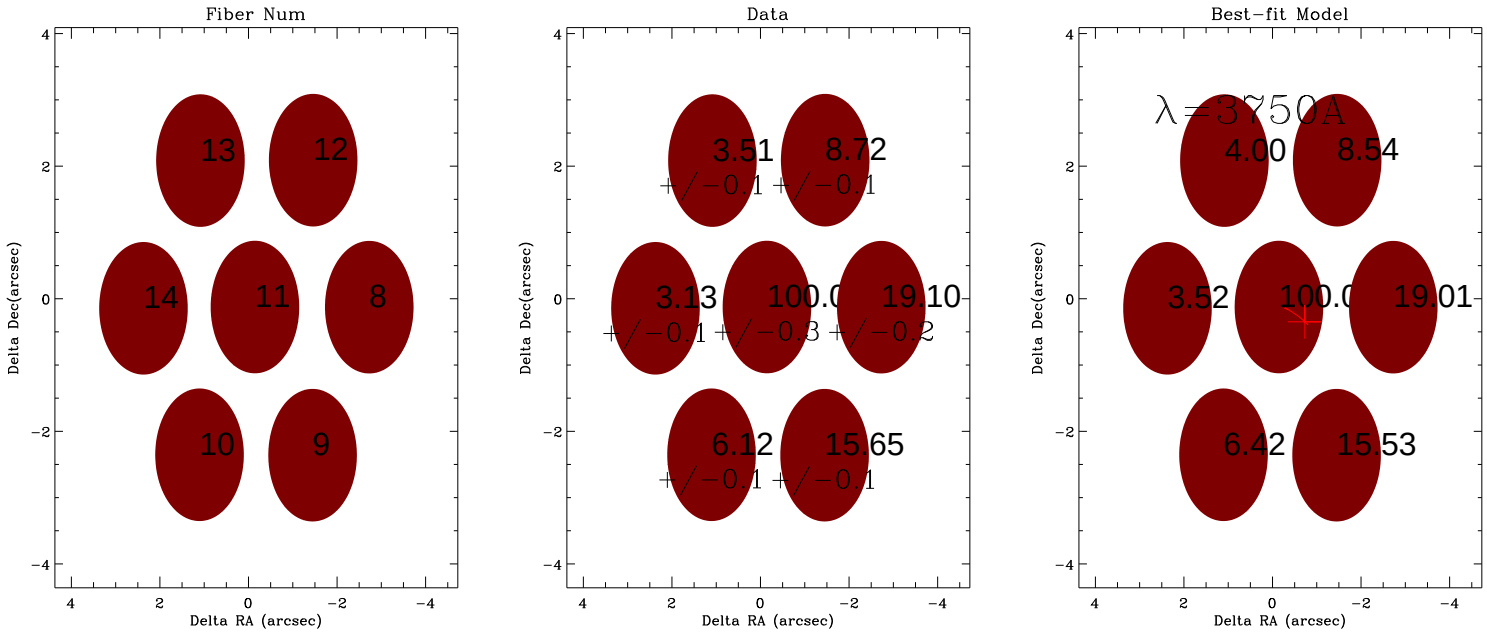

PLATE=8672 MJD=57504 Spectro-Photo Star Bundle 60 Fiber 193
BOSZ_m03cp00op00t6000g50v20
Lines χ^2/DOF= 5.22
Fe/H=−0.2 T_{eff}= 6000. g=5.0 cz= 4.
Normalized Flux
Wavelength [Ang]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
3850
3900
3950
4000
4050
4100

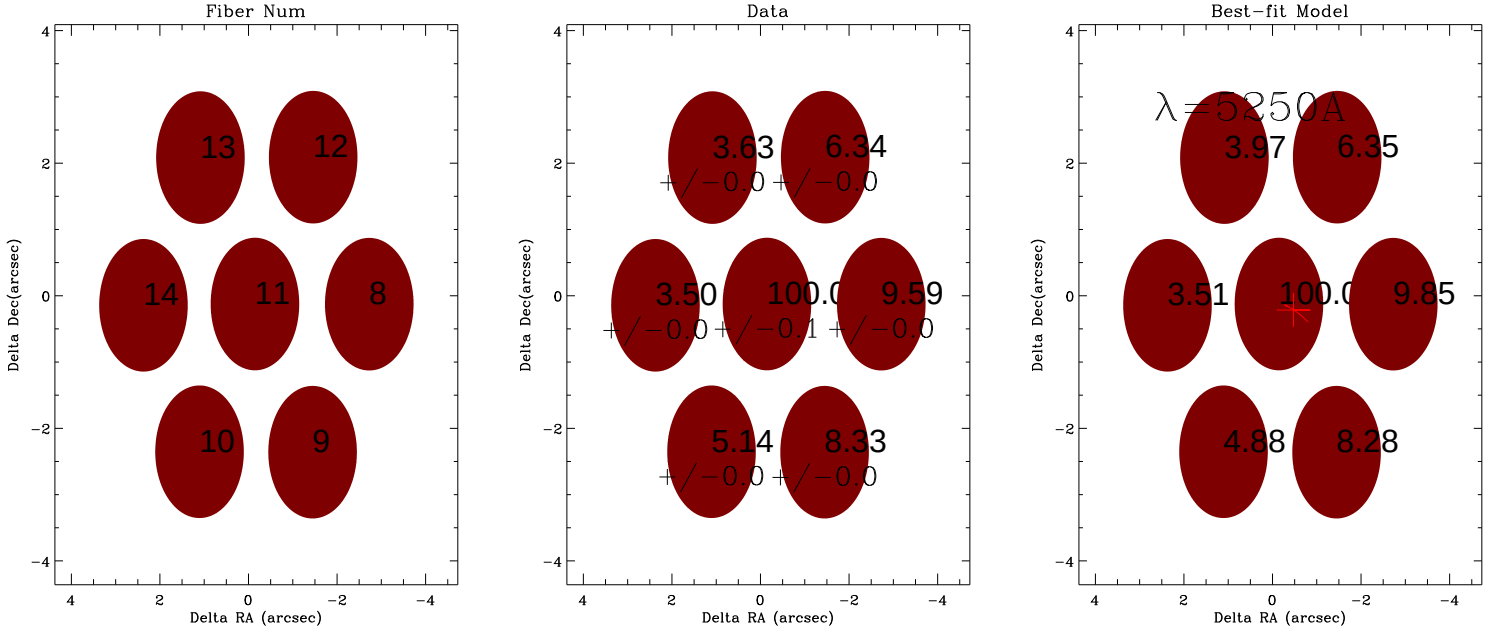

1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Normalized Flux
8600
8800
9000
Wavelength [Ang]

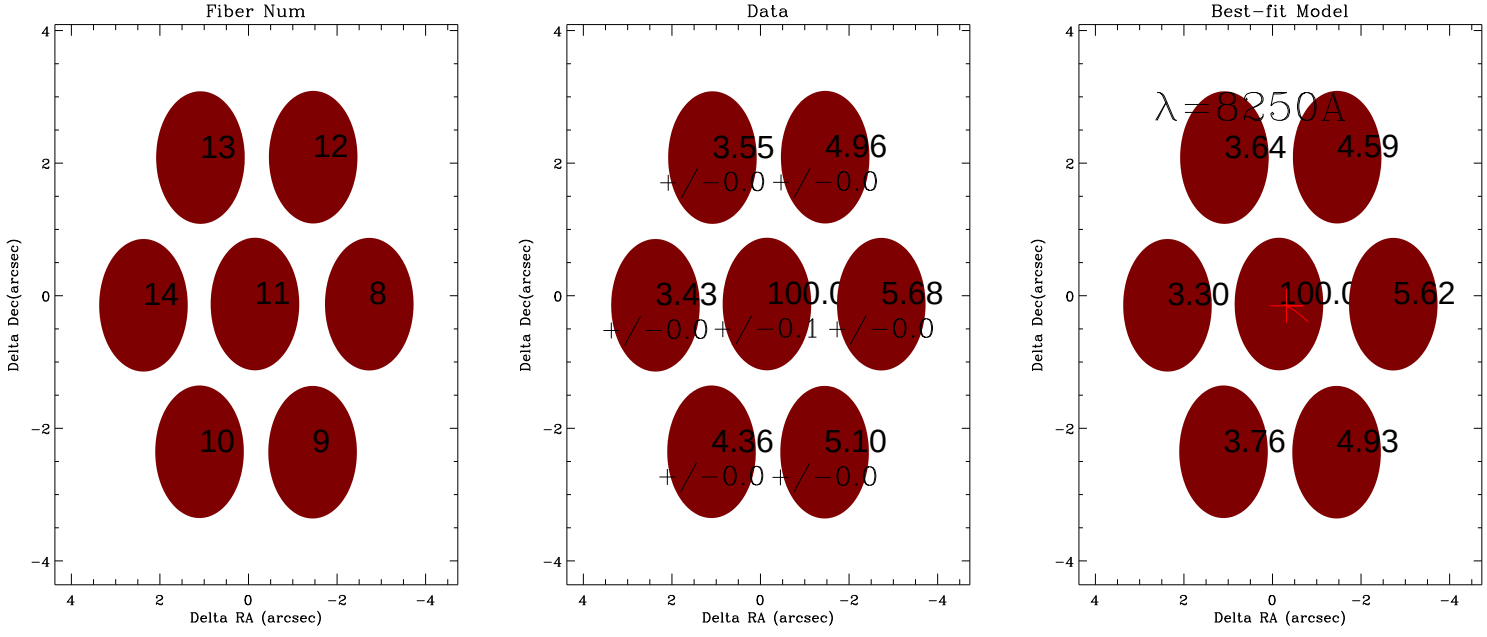

Fiber Num
Data
Best-fit Model
λ=3750A
λ=5250A
λ=8250A
Delta Dec(arcsec)
Delta RA (arcsec)
6
5
7
4
1
3
2
3.25 +/-0.1
14.54 +/-0.2
2.80 +/-0.1
100.0 +/-0.4
55.65 +/-0.3
7.53 +/-0.1
30.07 +/-0.2
3.45
13.73
2.46
100.0
55.26
6.21
31.02
2.96 +/-0.0
8.51 +/-0.0
2.43 +/-0.0
100.0 +/-0.1
22.36 +/-0.0
4.42 +/-0.0
14.31 +/-0.0
3.40
9.44
2.50
100.0
22.73
4.72
14.43
2.74 +/-0.0
5.79 +/-0.0
2.38 +/-0.0
100.0 +/-0.1
11.48 +/-0.0
3.34 +/-0.0
7.58 +/-0.0
3.14
6.44
2.39
100.0
10.82
3.60
7.63

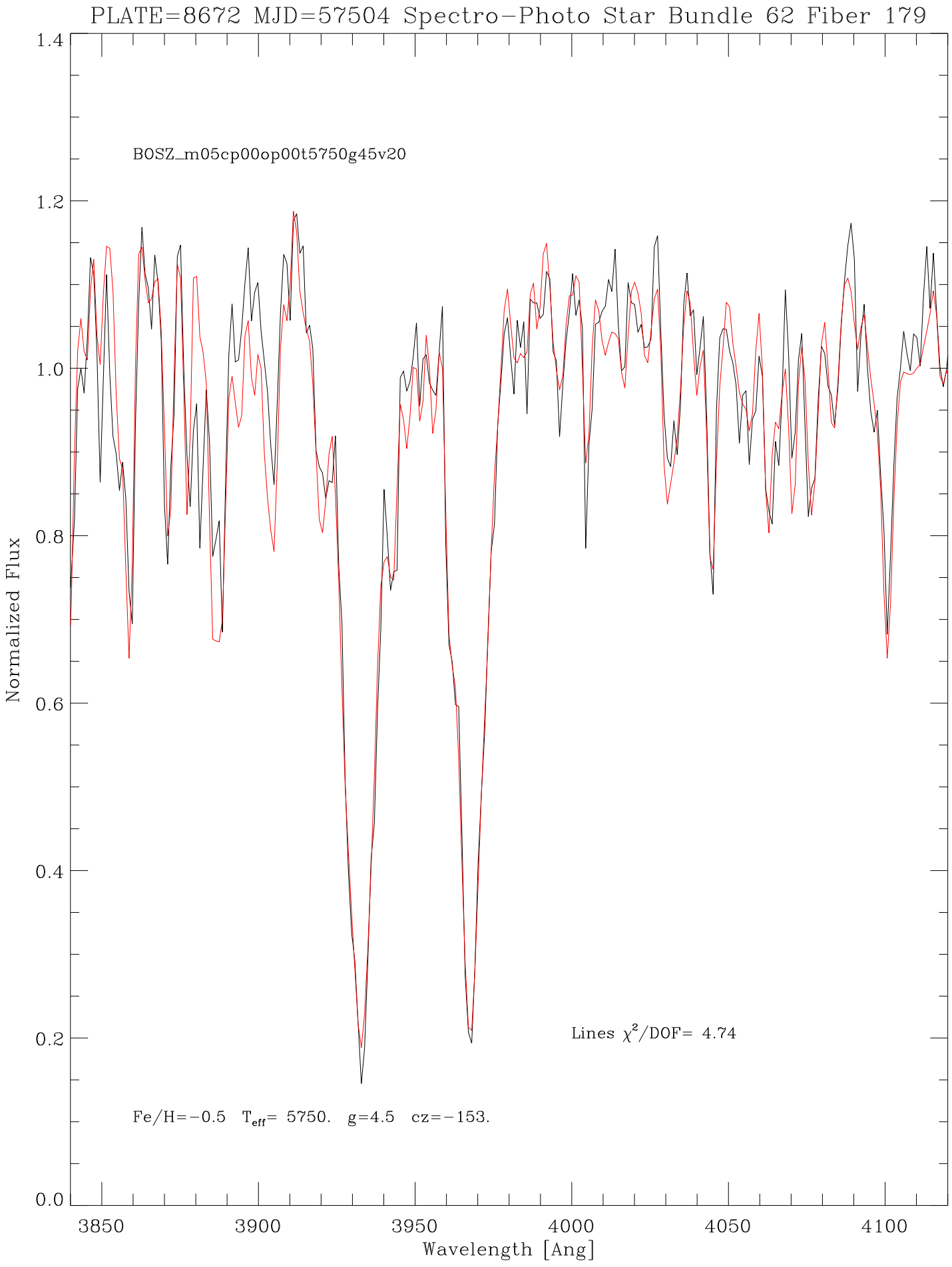

PLATE=8672 MJD=57504 Spectro-Photo Star Bundle 61 Fiber 186
BOSZ_m03cp00op00t6000g50v20
Normalized Flux
Wavelength [Ang]
Lines χ^2/DOF= 4.79
Fe/H=−0.2 T_{eff}= 6000. g=5.0 cz= −21.
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
3850
3900
3950
4000
4050
4100

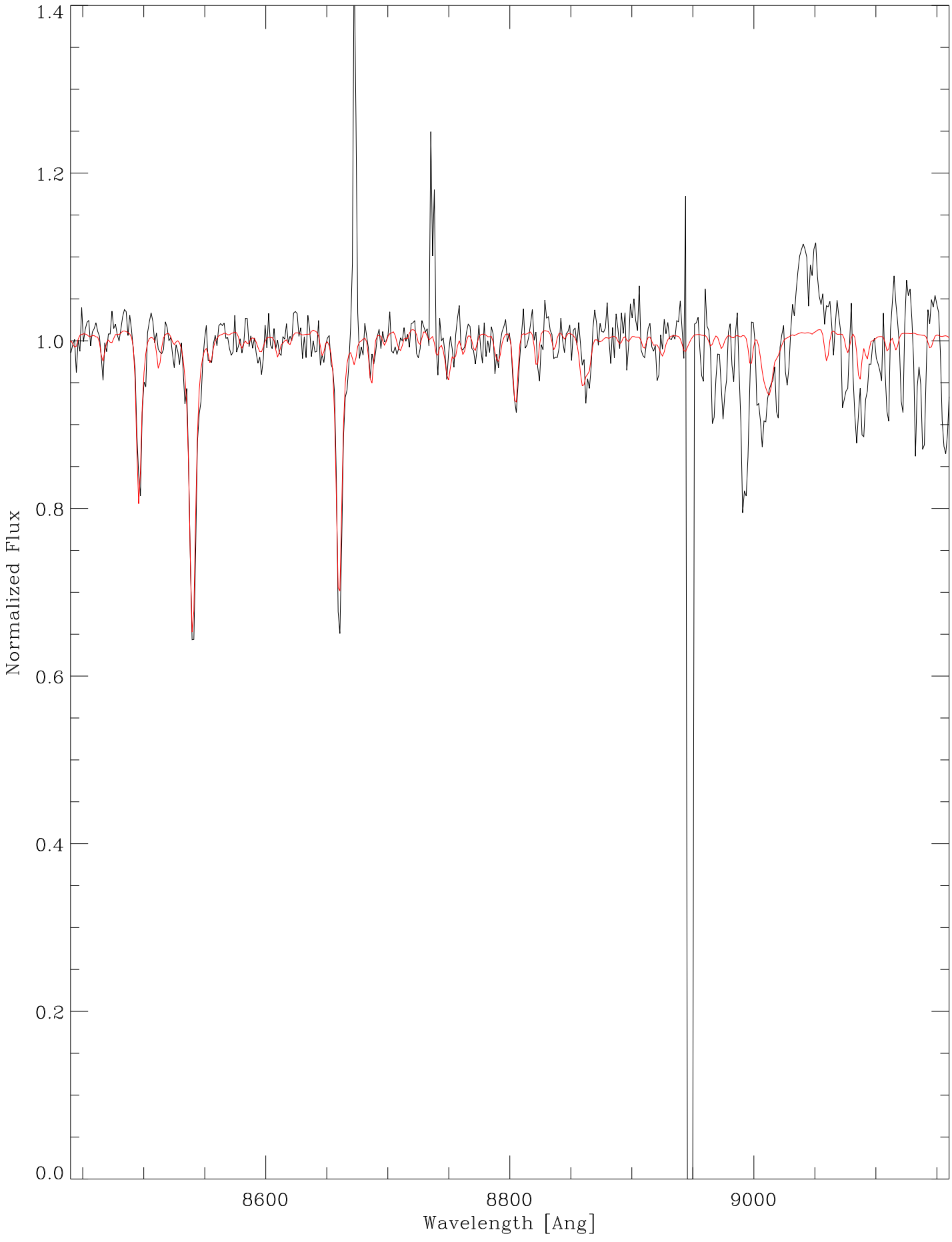

1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Normalized Flux
8600
8800
9000
Wavelength [Ang]

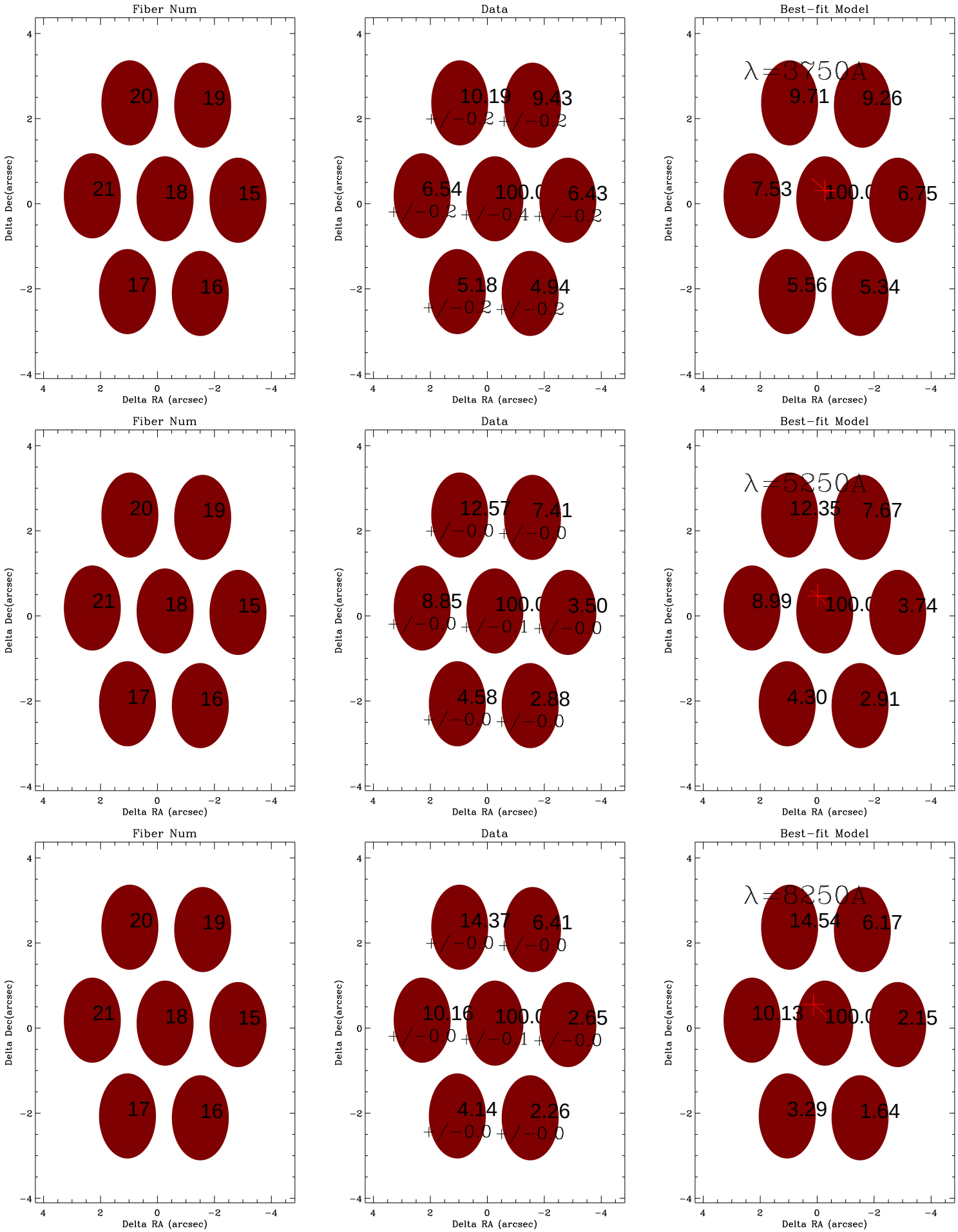

Fiber Num
13
12
14
11
8
10
9
Delta Dec(arcsec)
Delta RA (arcsec)
Data
3.51 8.72
+/−0.1 +/−0.1
3.13 100.0 19.10
+/−0.1 +/−0.3 +/−0.2
6.12 15.65
+/−0.1 +/−0.1
Best−fit Model
λ=3750A
4.00 8.54
3.52 100.0 19.01
6.42 15.53

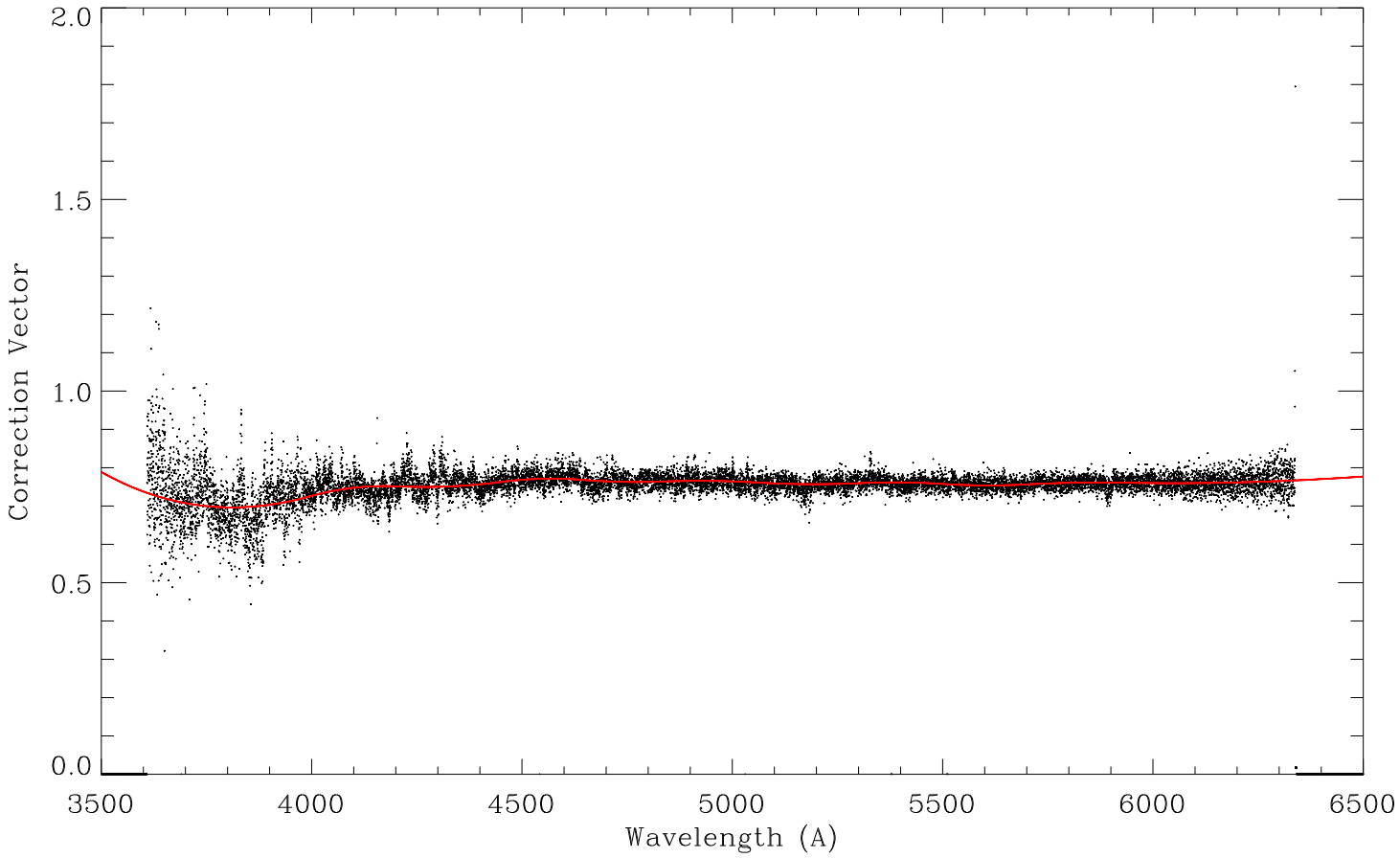

Fiber Num
13
12
14
11
8
10
9
Delta Dec(arcsec)
Delta RA (arcsec)
Data
3.63 6.34
+/−0.0 +/−0.0
3.50 100.0 9.59
+/−0.0 +/−0.1 +/−0.0
5.14 8.33
+/−0.0 +/−0.0
Best−fit Model
λ=5250A
3.97 6.35
3.51 100.0 9.85
4.88 8.28

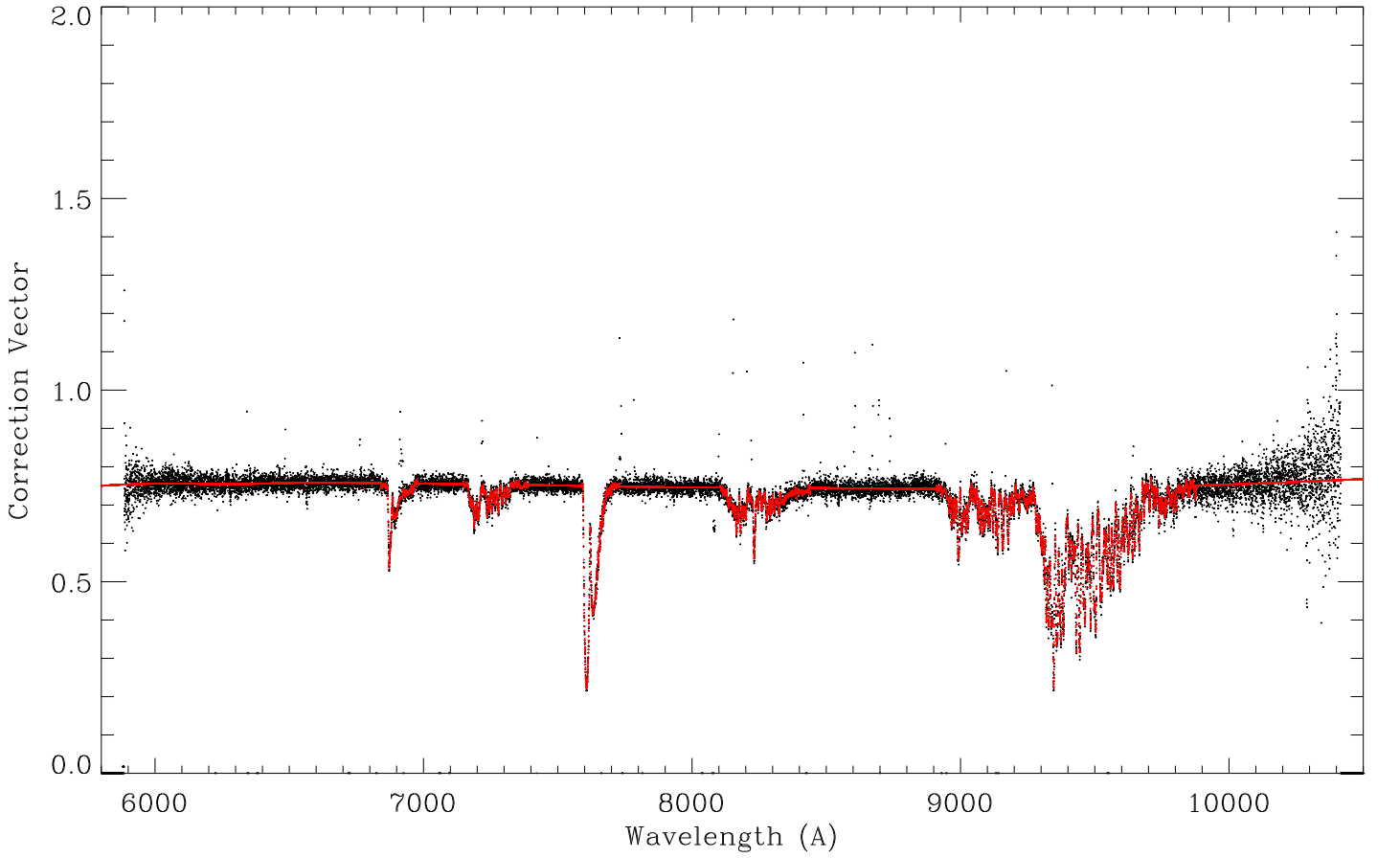

Fiber Num
13
12
14
11
8
10
9
Delta Dec(arcsec)
Delta RA (arcsec)
Data
3.55 4.96
+/−0.0 +/−0.0
3.43 100.0 5.68
+/−0.0 +/−0.1 +/−0.0
4.36 5.10
+/−0.0 +/−0.0
Best−fit Model
λ=8250A
3.64 4.59
3.30 100.0 5.62
3.76 4.93


PLATE=8672 MJD=57504 Spectro-Photo Star Bundle 62 Fiber 179
BOSZ_m05cp00op00t5750g45v20
Normalized Flux
Wavelength [Ang]
Lines χ²/DOF= 4.74
Fe/H=−0.5 T_eff= 5750. g=4.5 cz=−153.
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
Delta Dec(arcsec)
Delta RA (arcsec)
20
19
21
18
15
17
16
10.19 9.43
+/-0.2 +/-0.2
6.54 100.0 6.43
+/-0.2 +/-0.4 +/-0.2
5.18 4.94
+/-0.2 +/-0.2
λ=3750A
9.71 9.26
7.53 100.0 6.75
5.56 5.34
12.57 7.41
+/-0.0 +/-0.0
8.85 100.0 3.50
+/-0.0 +/-0.1 +/-0.0
4.58 2.88
+/-0.0 +/-0.0
λ=5250A
12.35 7.67
8.99 100.0 3.74
4.30 2.91
14.37 6.41
+/-0.0 +/-0.0
10.16 100.0 2.65
+/-0.0 +/-0.1 +/-0.0
4.14 2.26
+/-0.0 +/-0.0
λ=8250A
14.54 6.17
10.13 100.0 2.15
3.29 1.64


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)