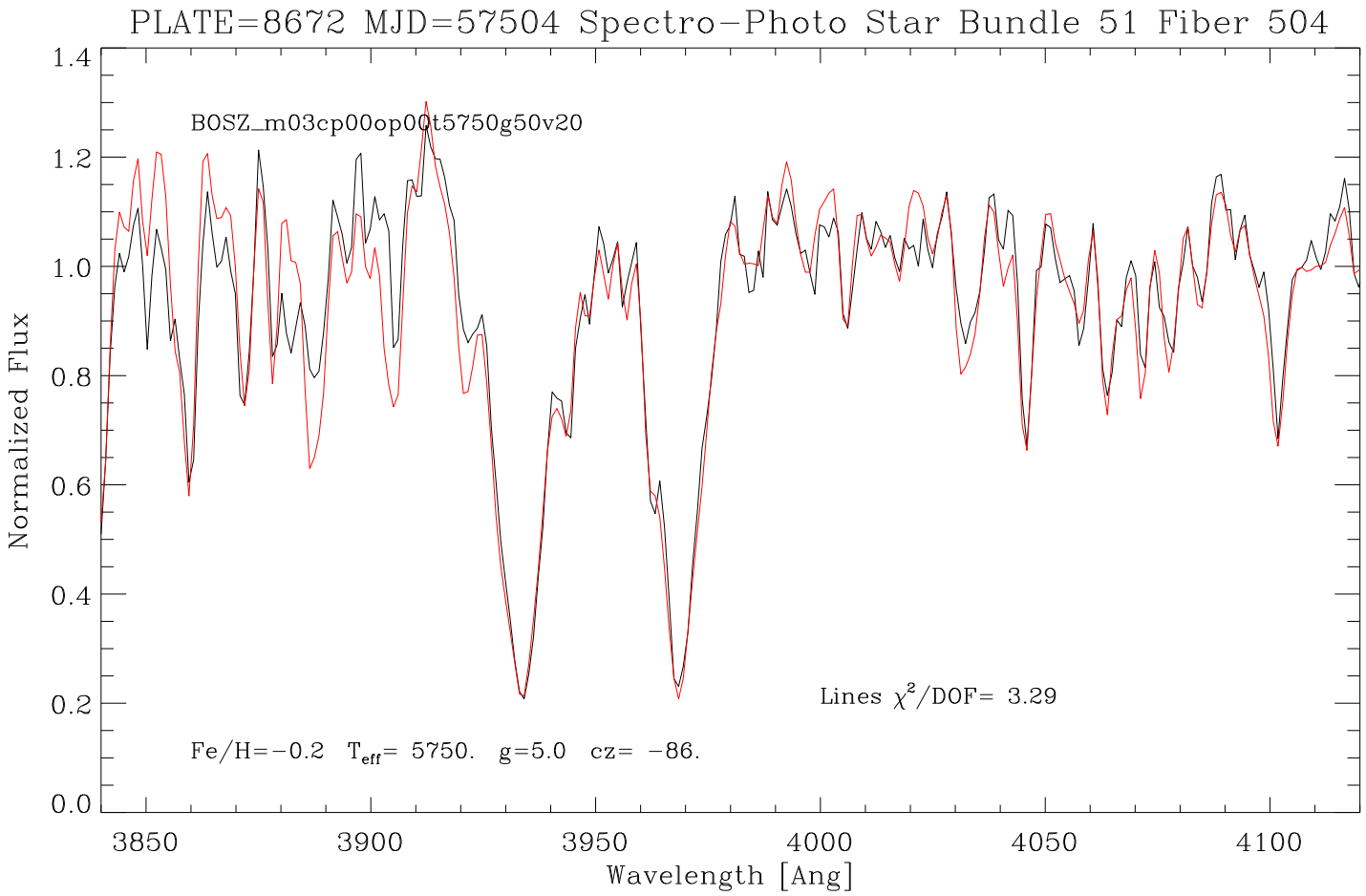
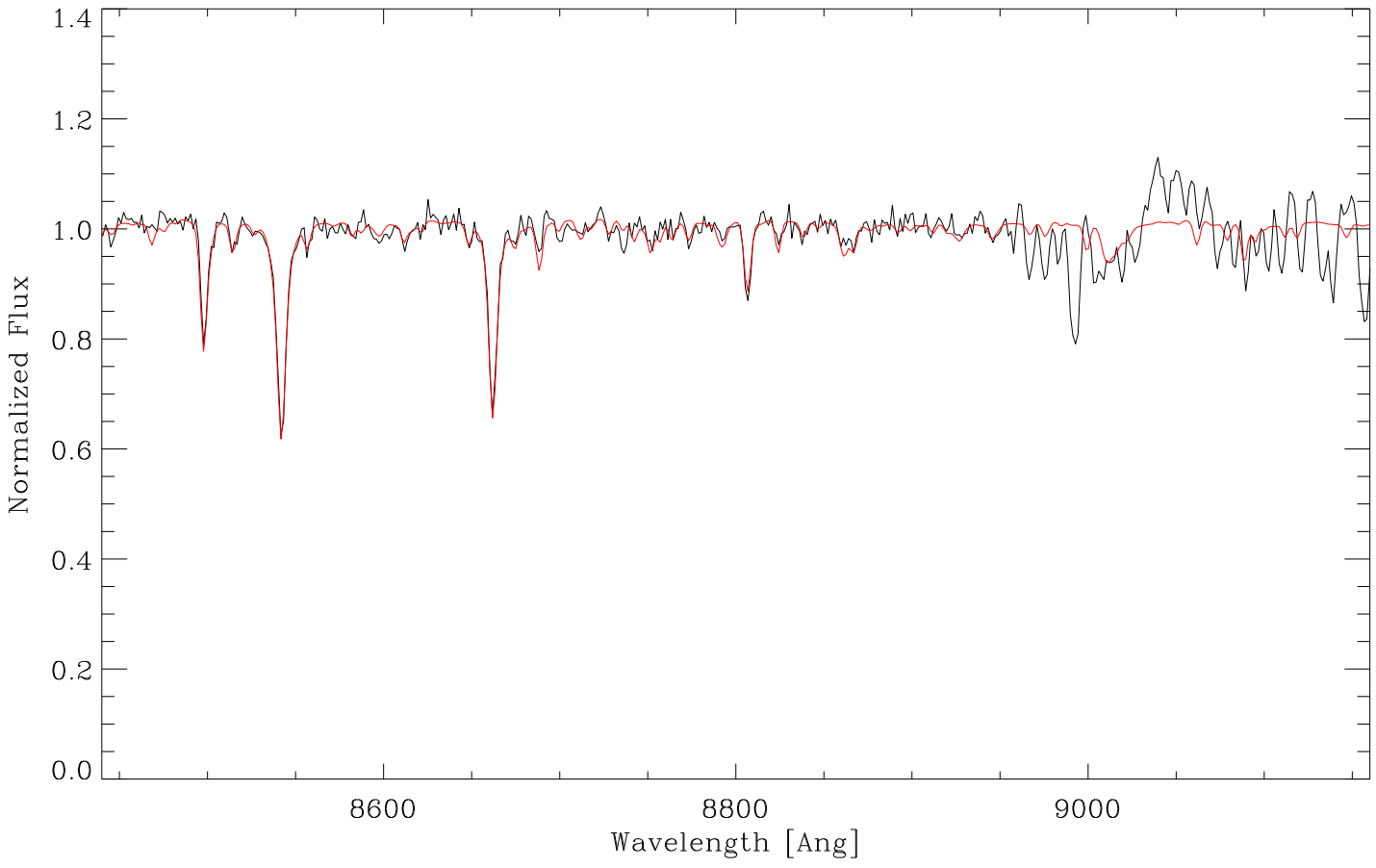
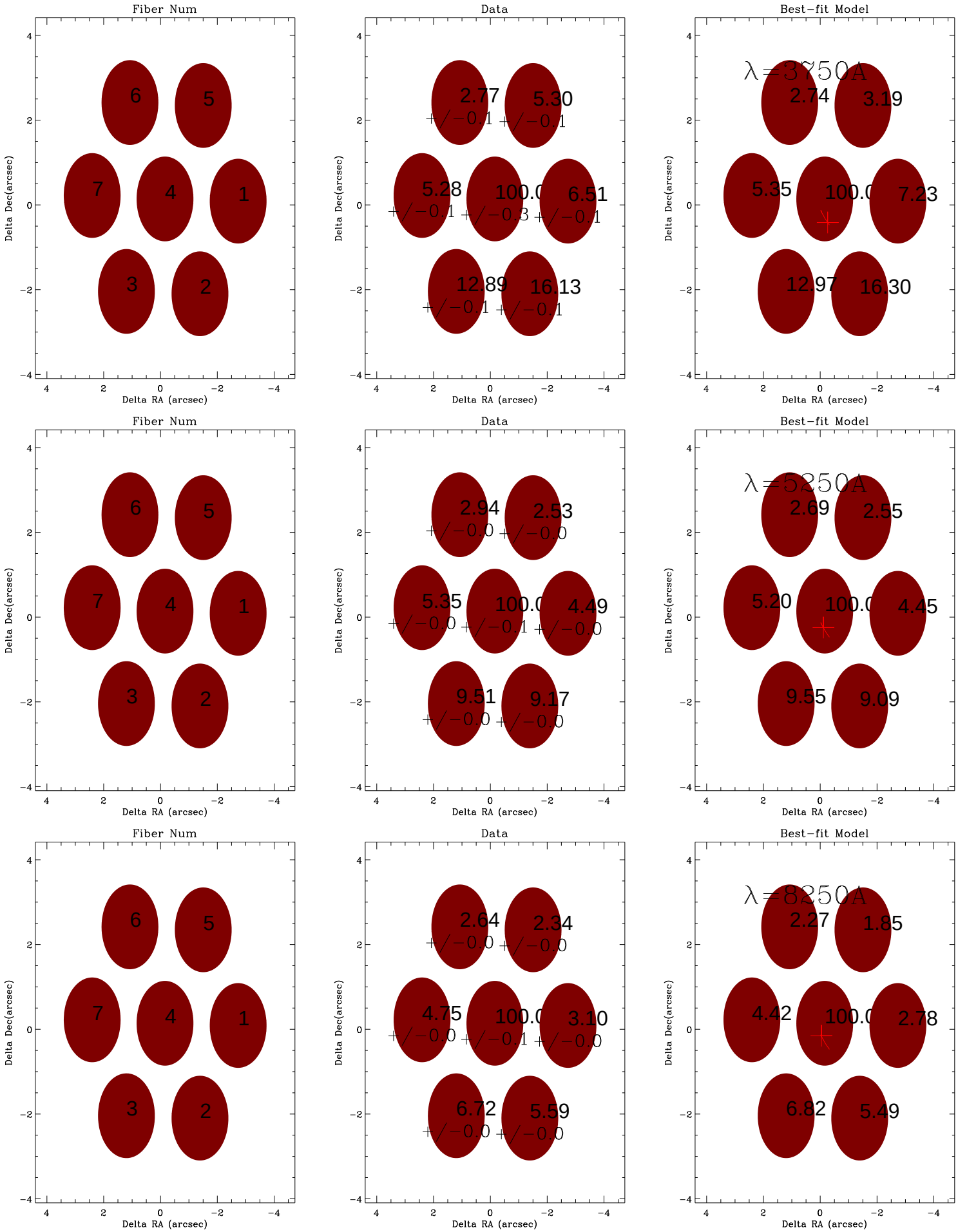
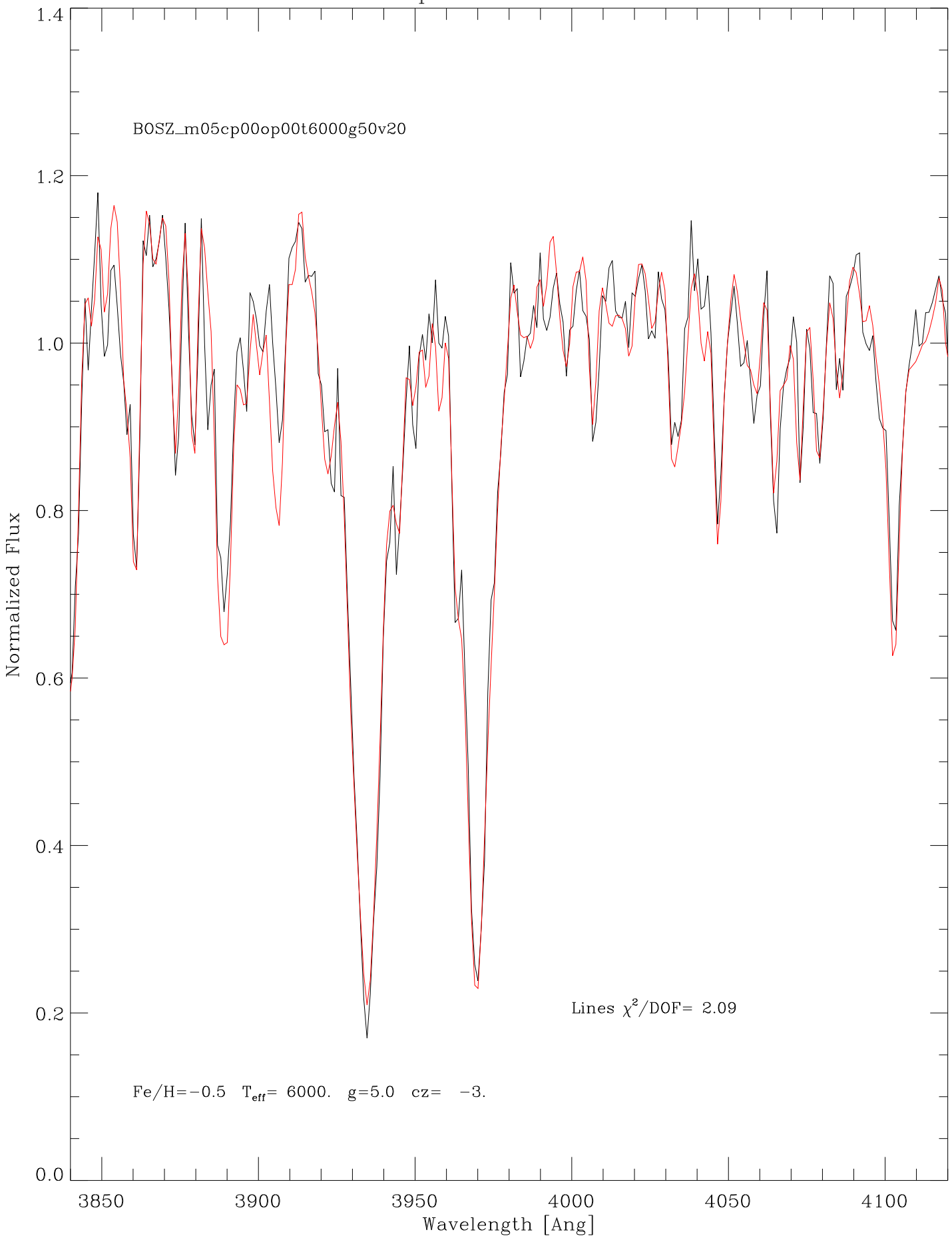
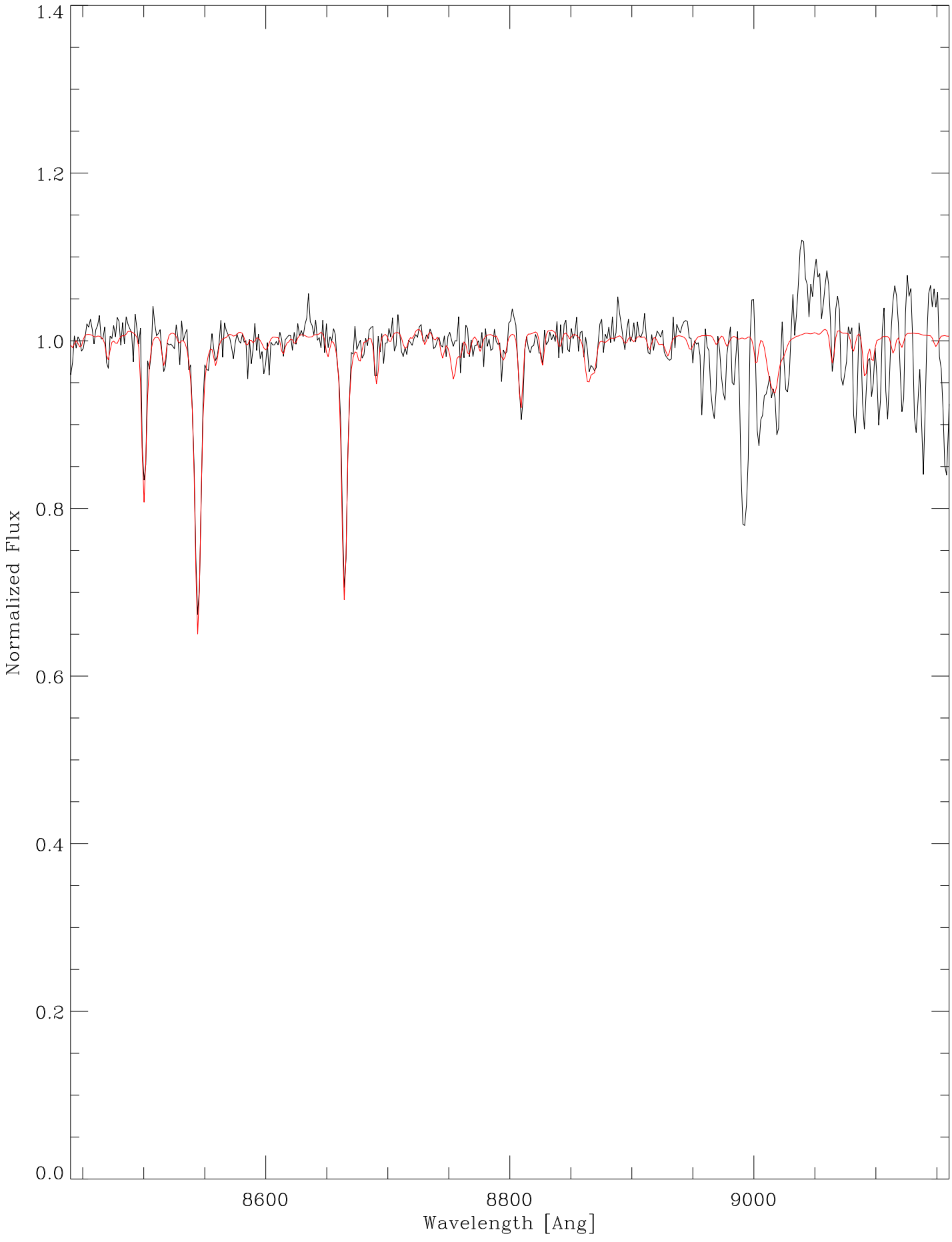
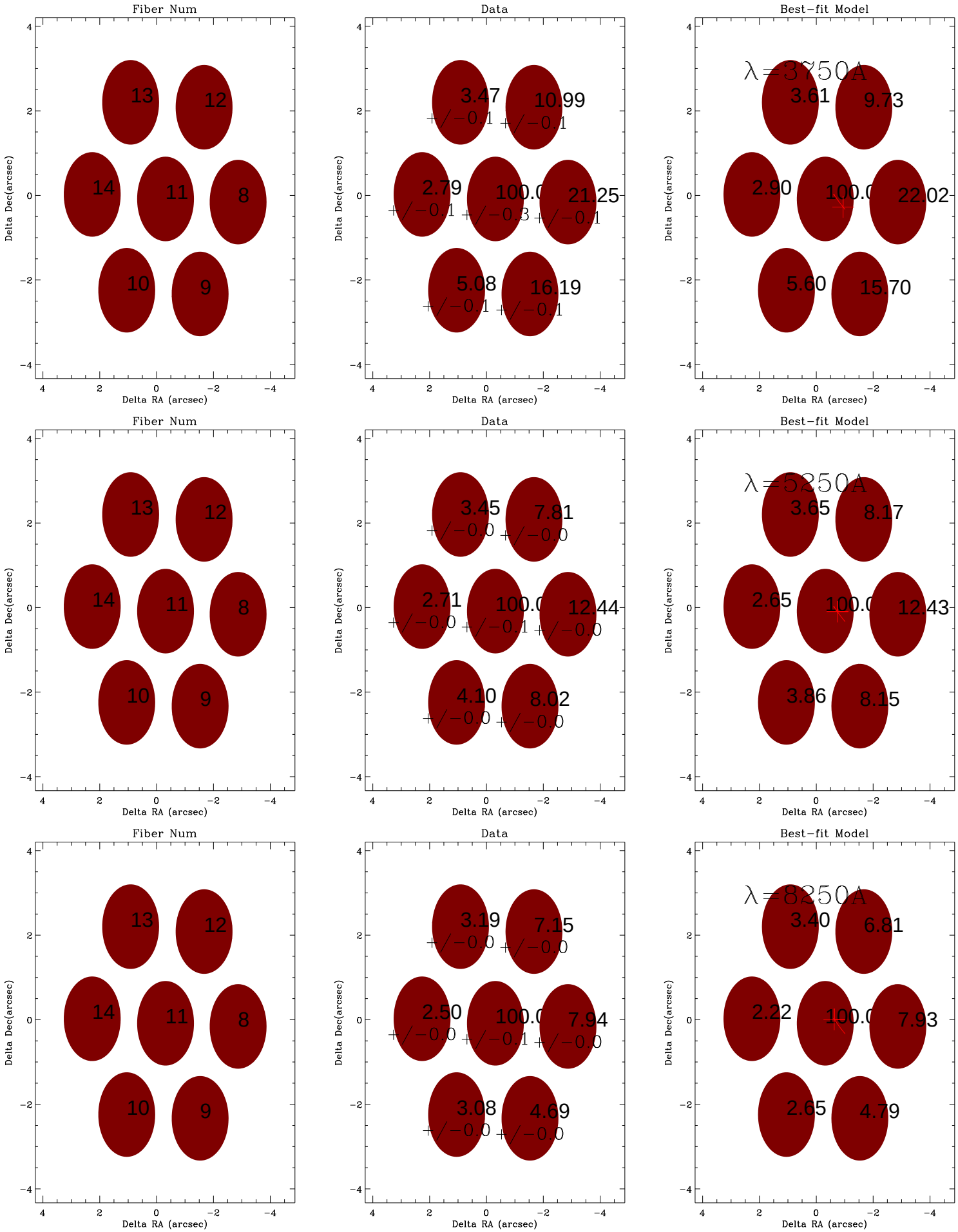

PLATE=8672 MJD=57504 Spectro-Photo Star Bundle 51 Fiber 504
BOSZ_m03cp00op00t5750g50v20
Lines χ²/DOF= 3.29
Fe/H=−0.2 T_eff= 5750. g=5.0 cz= −86.
Normalized Flux
Wavelength [Ang]
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
3850
3900
3950
4000
4050
4100

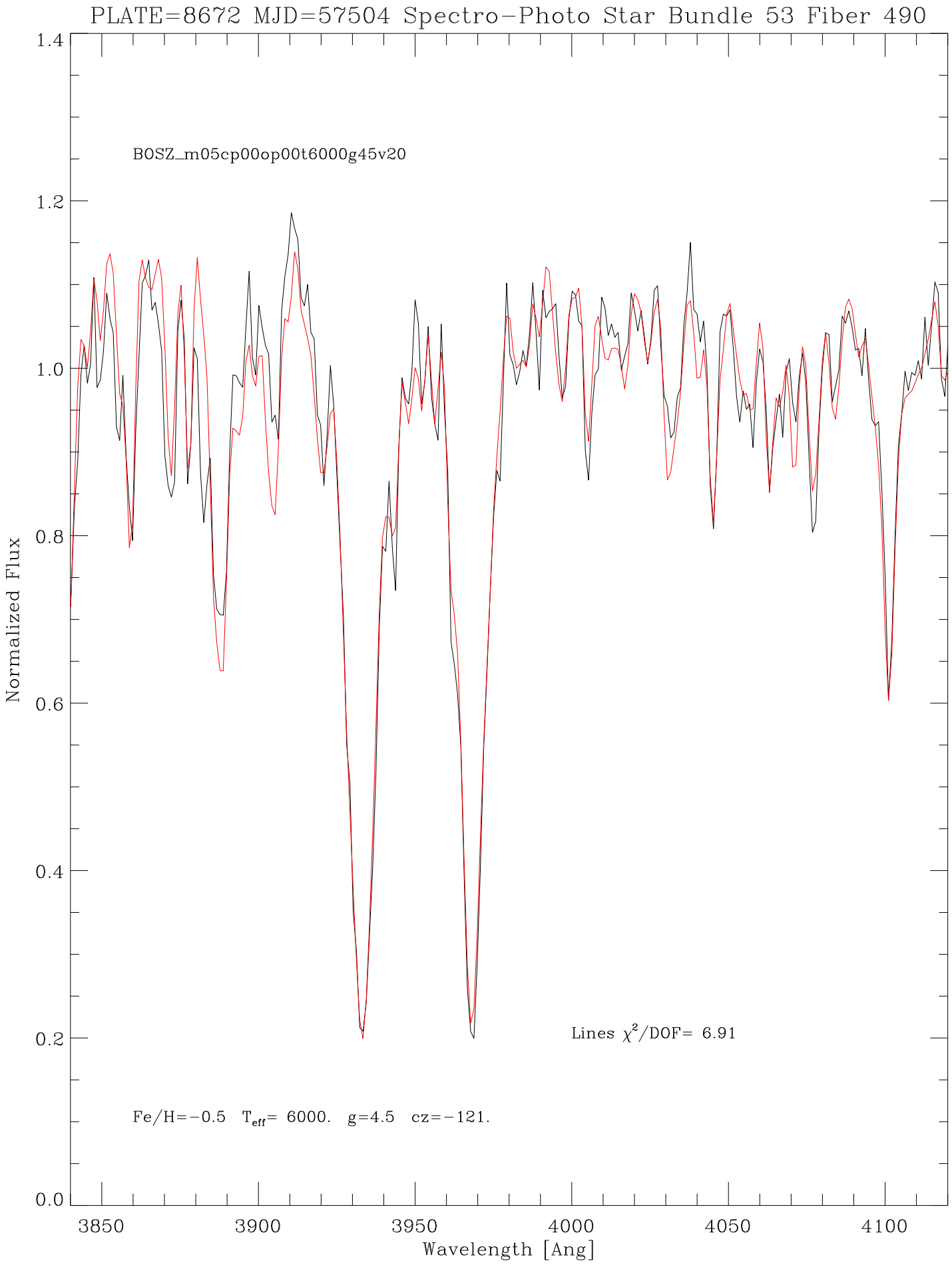

Normalized Flux
Wavelength [Ang]
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
8600
8800
9000

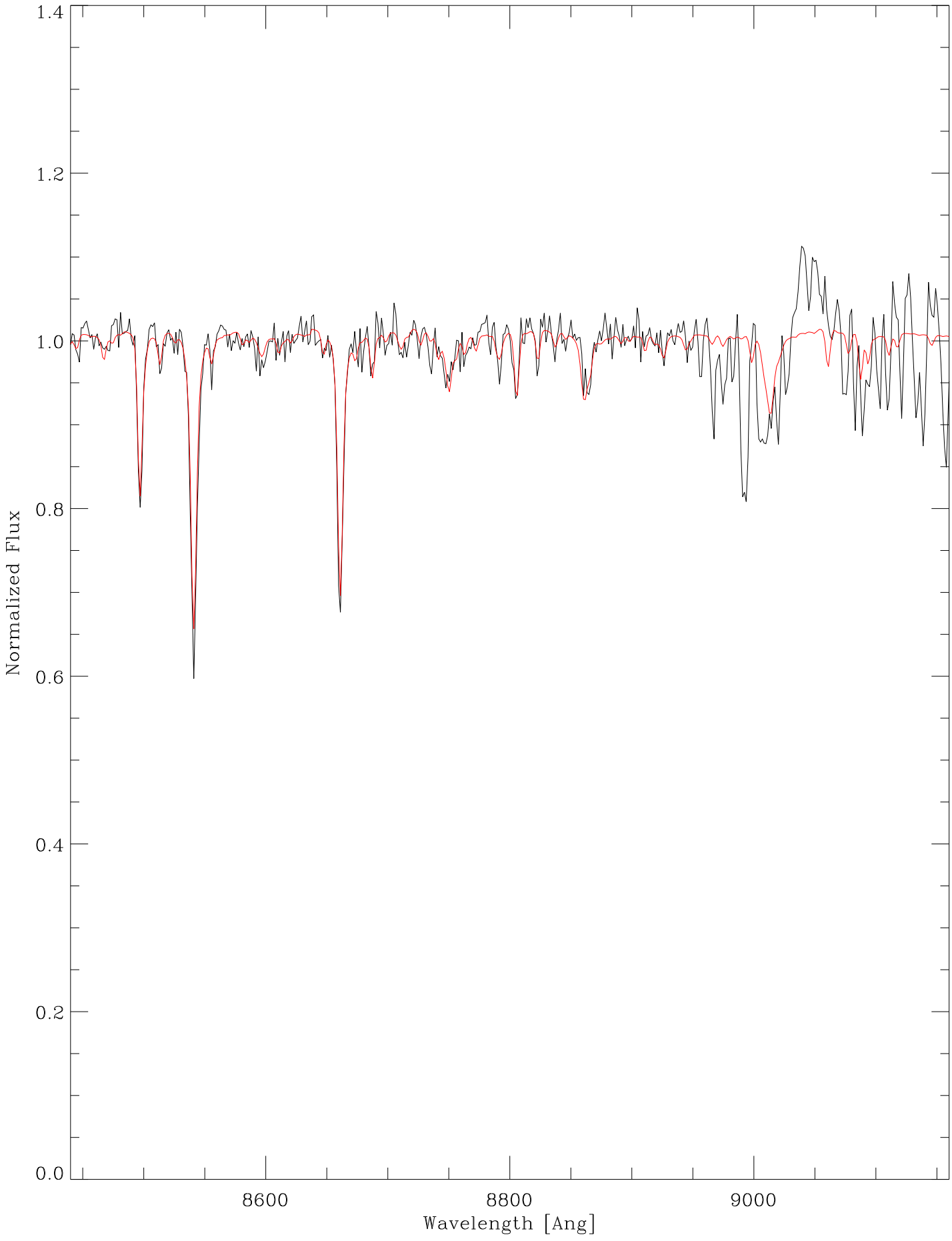

Fiber Num
Data
Best-fit Model
Delta Dec(arcsec)
Delta RA (arcsec)
6
5
7
4
1
3
2
2.77 +/-0.1
5.30 +/-0.1
5.28 +/-0.1
100.0 +/-0.3
6.51 +/-0.1
12.89 +/-0.1
16.13 +/-0.1
λ=3750A
2.74
3.19
5.35
100.0
7.23
12.97
16.30
2.94 +/-0.0
2.53 +/-0.0
5.35 +/-0.0
100.0 +/-0.1
4.49 +/-0.0
9.51 +/-0.0
9.17 +/-0.0
λ=5250A
2.69
2.55
5.20
100.0
4.45
9.55
9.09
2.64 +/-0.0
2.34 +/-0.0
4.75 +/-0.0
100.0 +/-0.1
3.10 +/-0.0
6.72 +/-0.0
5.59 +/-0.0
λ=8250A
2.27
1.85
4.42
100.0
2.78
6.82
5.49

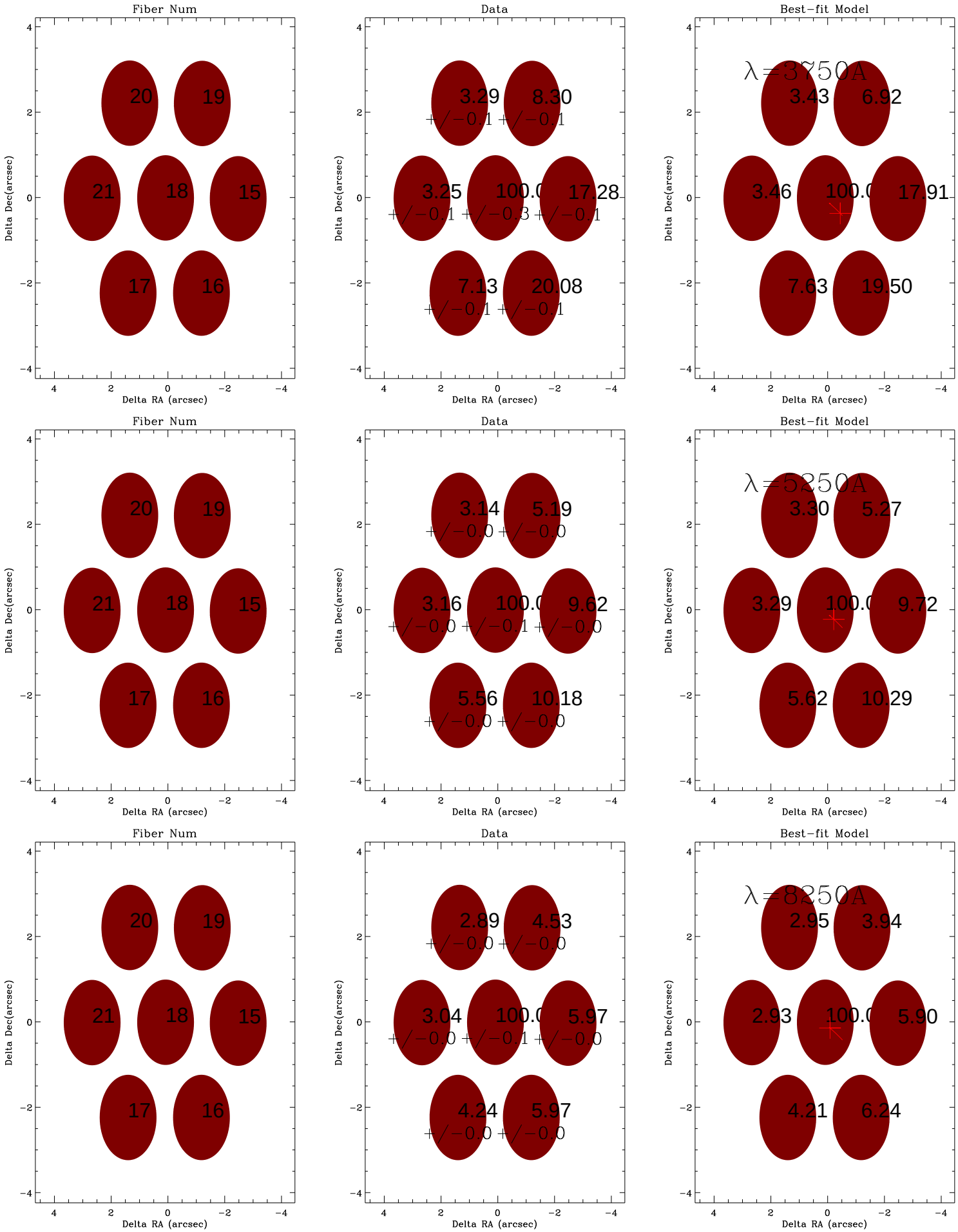

PLATE=8672 MJD=57504 Spectro-Photo Star Bundle 52 Fiber 497
BOSZ_m05cp00op00t6000g50v20
Lines $\chi^2$/DOF= 2.09
Fe/H=−0.5 $T_{eff}$= 6000. g=5.0 cz= −3.
Normalized Flux
Wavelength [Ang]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
3850
3900
3950
4000
4050
4100

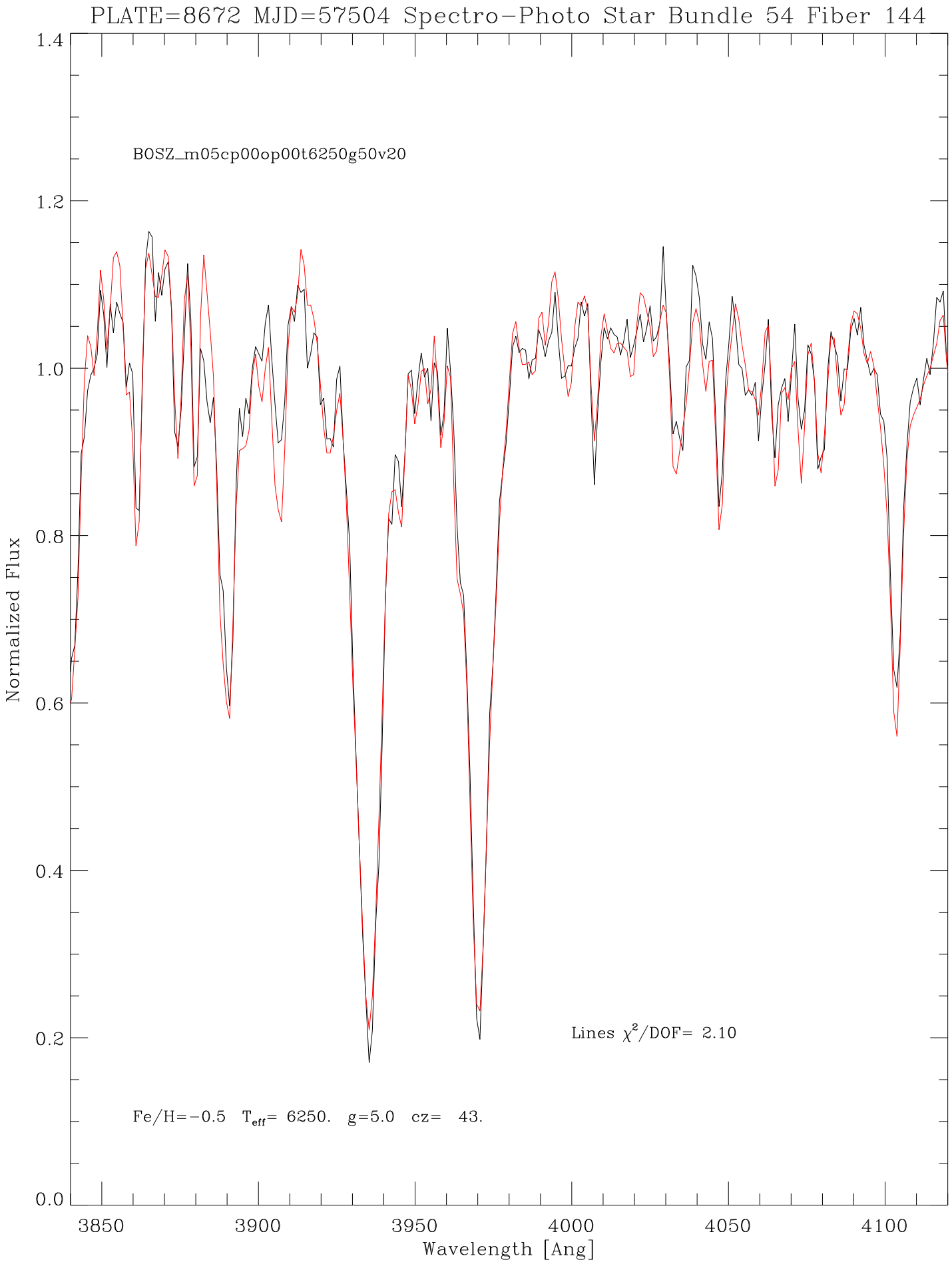

1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Normalized Flux
8600
8800
9000
Wavelength [Ang]

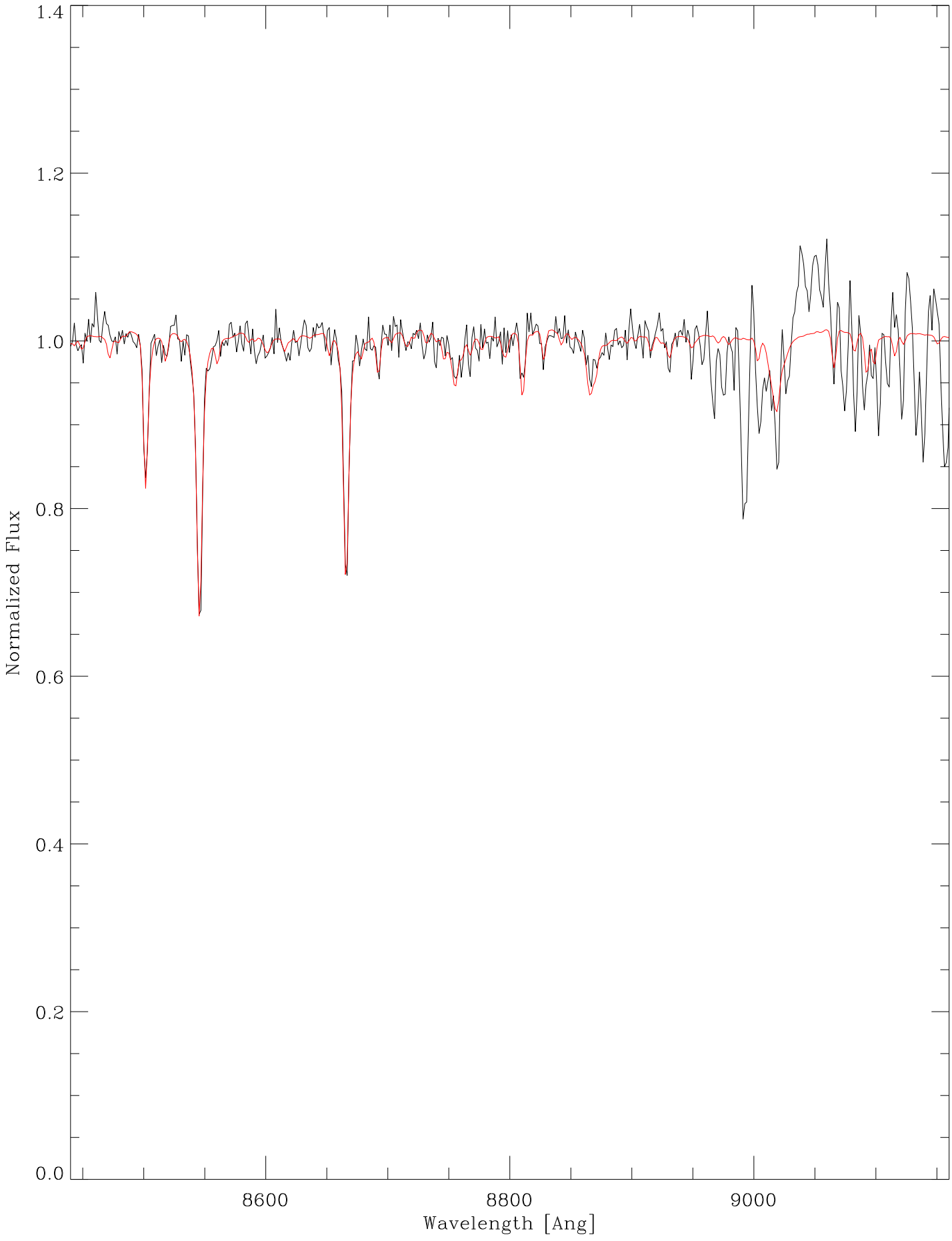

Fiber Num
Data
Best-fit Model
λ=3750A
λ=5250A
λ=8250A
Delta RA (arcsec)
Delta Dec(arcsec)
13
12
14
11
8
10
9
3.47 +/-0.1
10.99 +/-0.1
2.79 +/-0.1
100.0 +/-0.3
21.25 +/-0.1
5.08 +/-0.1
16.19 +/-0.1
3.61
9.73
2.90
100.0
22.02
5.60
15.70
3.45 +/-0.0
7.81 +/-0.0
2.71 +/-0.0
100.0 +/-0.1
12.44 +/-0.0
4.10 +/-0.0
8.02 +/-0.0
3.65
8.17
2.65
100.0
12.43
3.86
8.15
3.19 +/-0.0
7.15 +/-0.0
2.50 +/-0.0
100.0 +/-0.1
7.94 +/-0.0
3.08 +/-0.0
4.69 +/-0.0
3.40
6.81
2.22
100.0
7.93
2.65
4.79

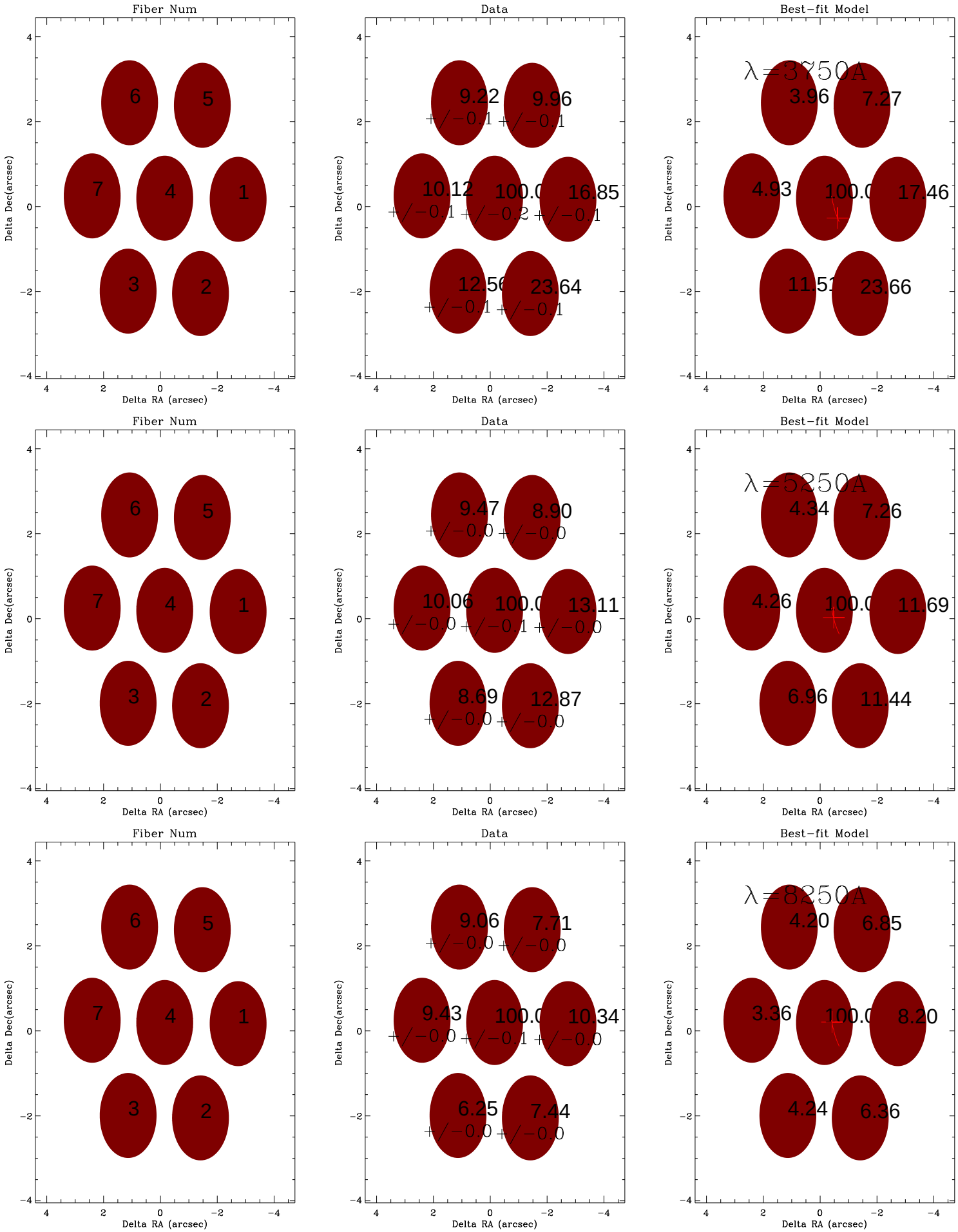

PLATE=8672 MJD=57504 Spectro-Photo Star Bundle 53 Fiber 490
BOSZ_m05cp00op00t6000g45v20
Lines $\chi^2$/DOF= 6.91
Fe/H=−0.5 $T_{eff}$= 6000. g=4.5 cz=−121.
Normalized Flux
Wavelength [Ang]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
3850
3900
3950
4000
4050
4100

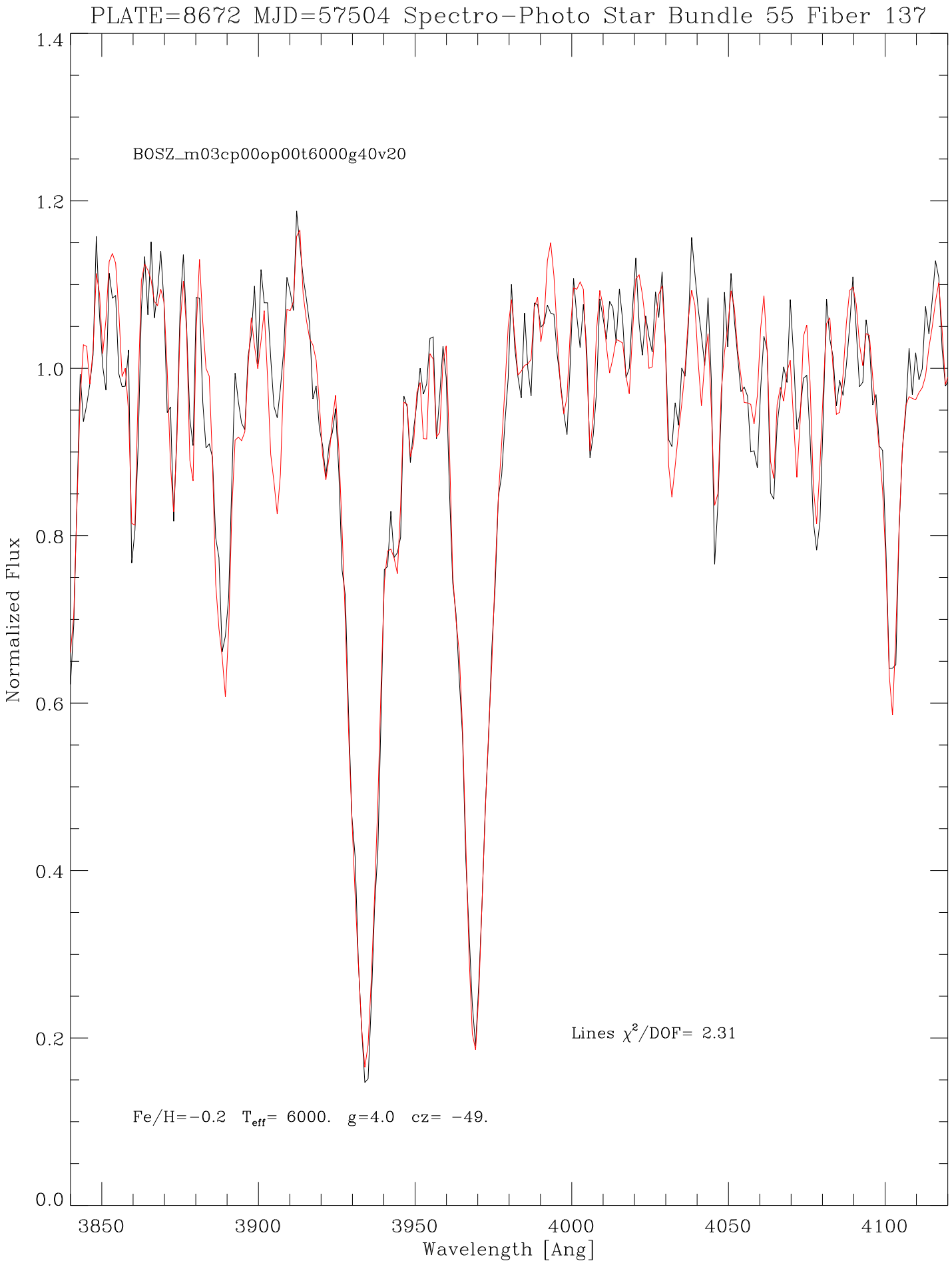

1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Normalized Flux
8600
8800
9000
Wavelength [Ang]

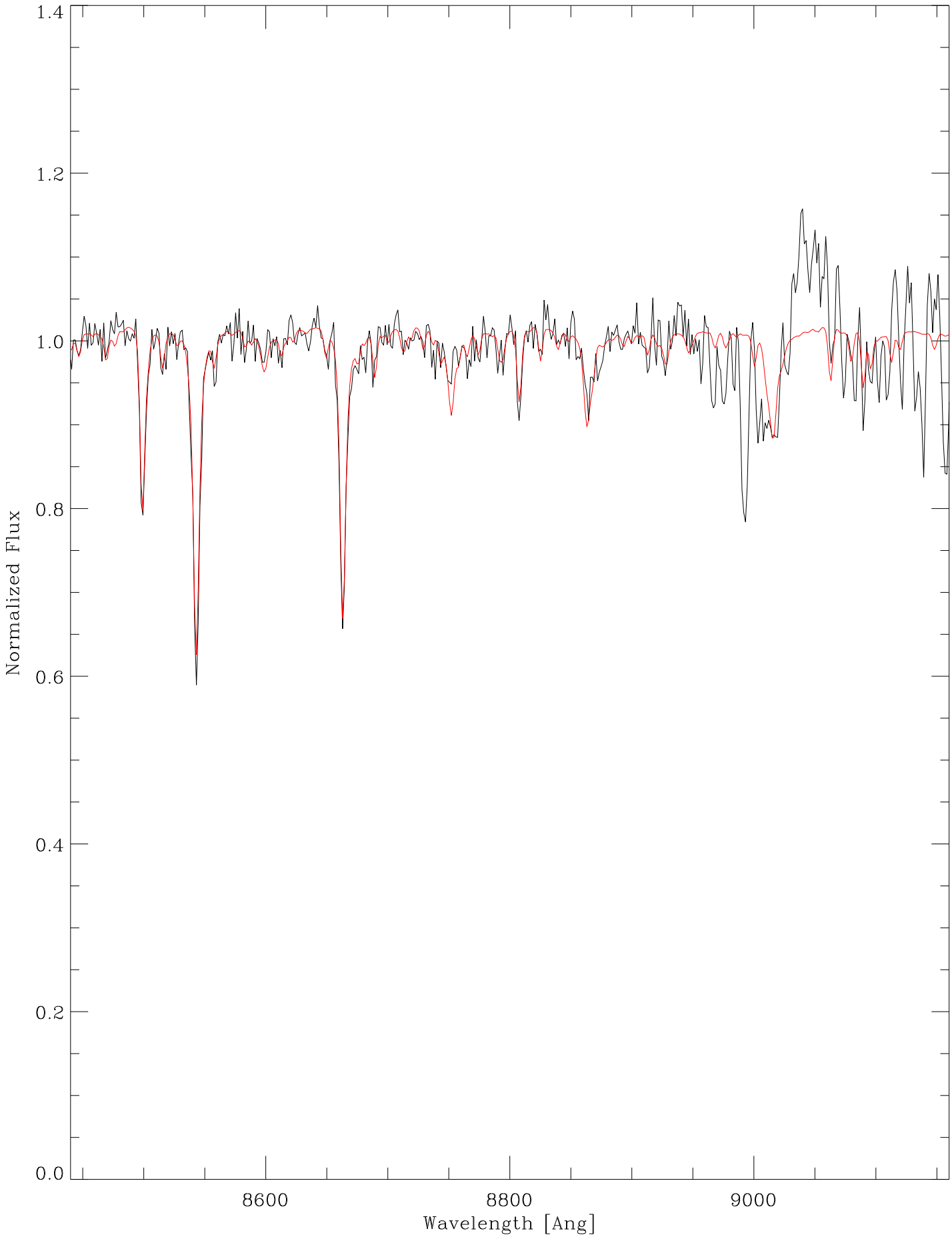

Fiber Num
Data
Best-fit Model
λ=3750A
λ=5250A
λ=8250A
Delta Dec(arcsec)
Delta RA (arcsec)
20
19
21
18
15
17
16
3.29 8.30
+/−0.1 +/−0.1
3.25 100.0 17.28
+/−0.1 +/−0.3 +/−0.1
7.13 20.08
+/−0.1 +/−0.1
3.43 6.92
3.46 100.0 17.91
7.63 19.50
3.14 5.19
+/−0.0 +/−0.0
3.16 100.0 9.62
+/−0.0 +/−0.1 +/−0.0
5.56 10.18
+/−0.0 +/−0.0
3.30 5.27
3.29 100.0 9.72
5.62 10.29
2.89 4.53
+/−0.0 +/−0.0
3.04 100.0 5.97
+/−0.0 +/−0.1 +/−0.0
4.24 5.97
+/−0.0 +/−0.0
2.95 3.94
2.93 100.0 5.90
4.21 6.24

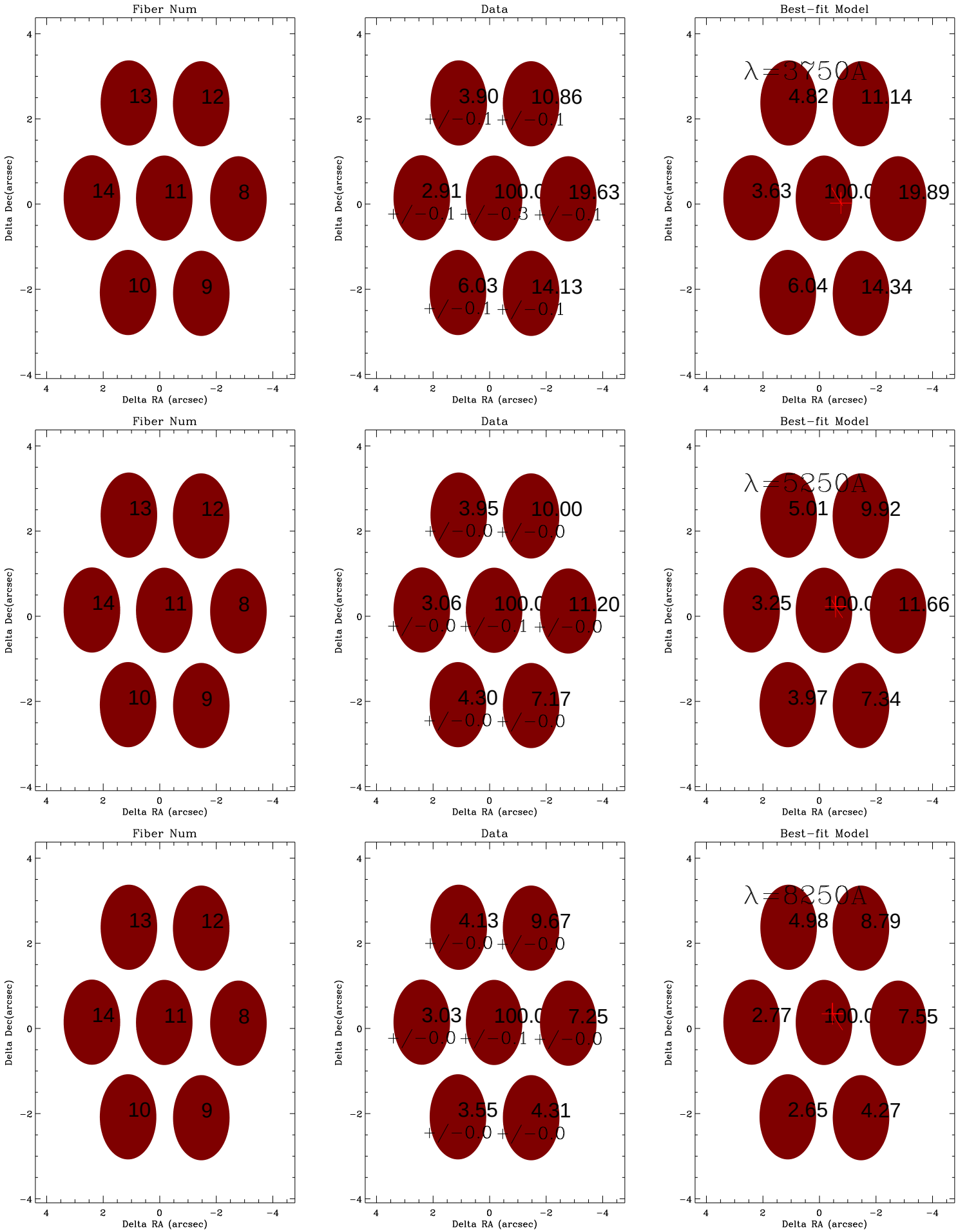

PLATE=8672 MJD=57504 Spectro-Photo Star Bundle 54 Fiber 144
BOSZ_m05cp00op00t6250g50v20
Lines $\chi^2$/DOF= 2.10
Fe/H=−0.5 $T_{eff}$= 6250. g=5.0 cz= 43.
Normalized Flux
Wavelength [Ang]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
3850
3900
3950
4000
4050
4100

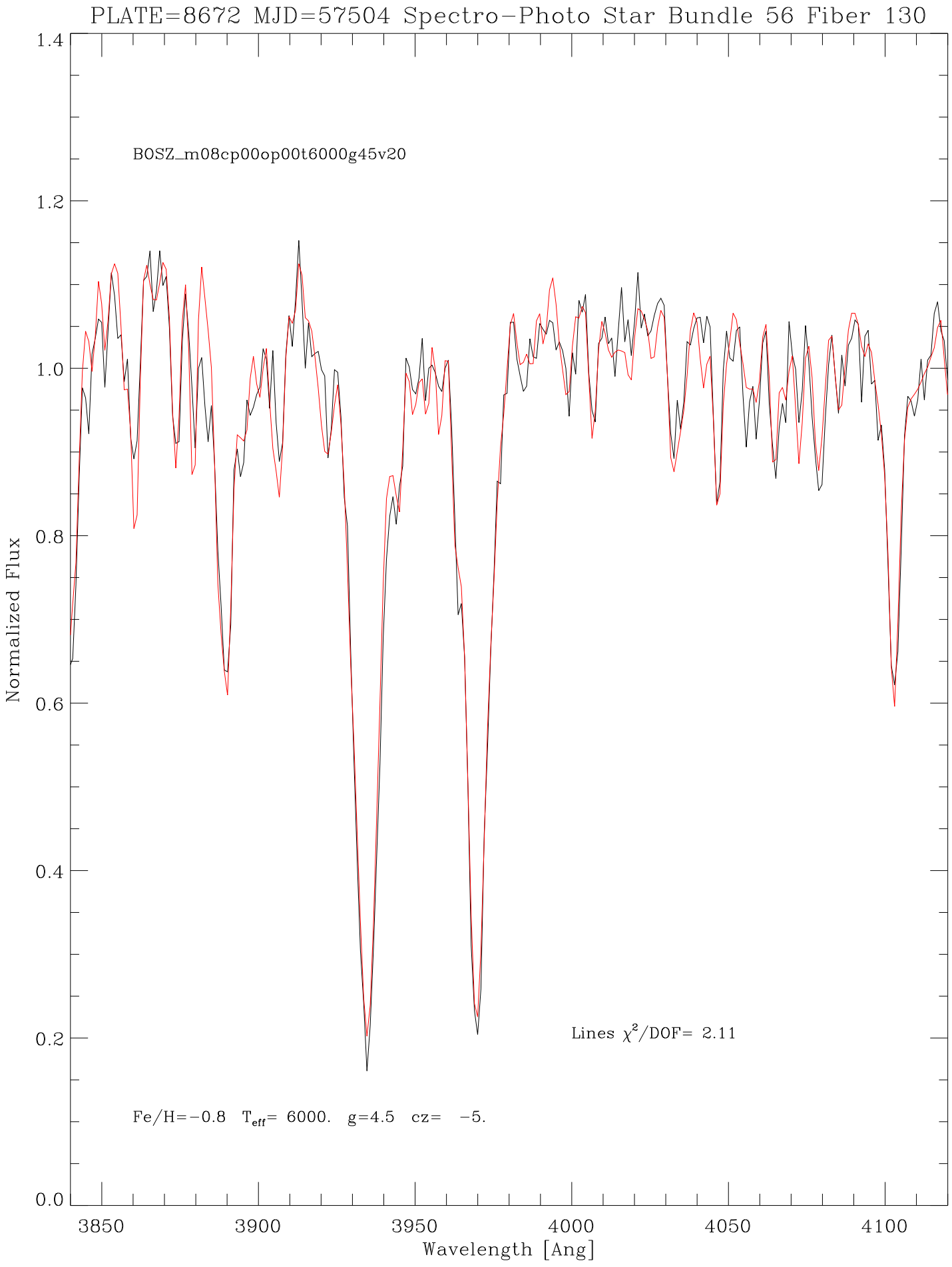

1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Normalized Flux
8600
8800
9000
Wavelength [Ang]

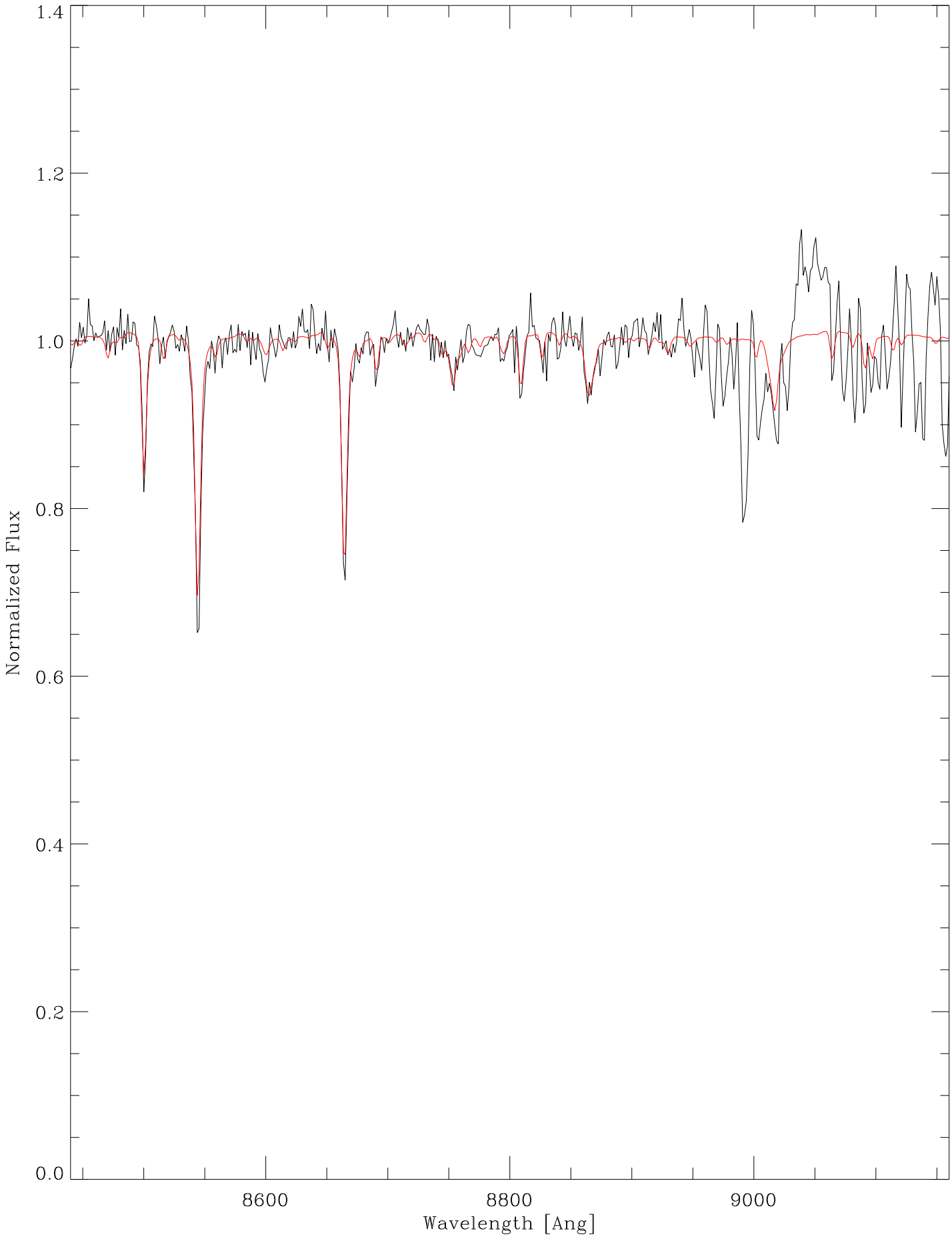

Fiber Num
Data
Best-fit Model
Delta Dec(arcsec)
Delta RA (arcsec)
6
5
7
4
1
3
2
9.22 +/-0.1
9.96 +/-0.1
10.12 +/-0.1
100.0 +/-0.2
16.85 +/-0.1
12.56 +/-0.1
23.64 +/-0.1
λ=3750A
3.96
7.27
4.93
100.0
17.46
11.51
23.66
9.47 +/-0.0
8.90 +/-0.0
10.06 +/-0.0
100.0 +/-0.1
13.11 +/-0.0
8.69 +/-0.0
12.87 +/-0.0
λ=5250A
4.34
7.26
4.26
100.0
11.69
6.96
11.44
9.06 +/-0.0
7.71 +/-0.0
9.43 +/-0.0
100.0 +/-0.1
10.34 +/-0.0
6.25 +/-0.0
7.44 +/-0.0
λ=8250A
4.20
6.85
3.36
100.0
8.20
4.24
6.36

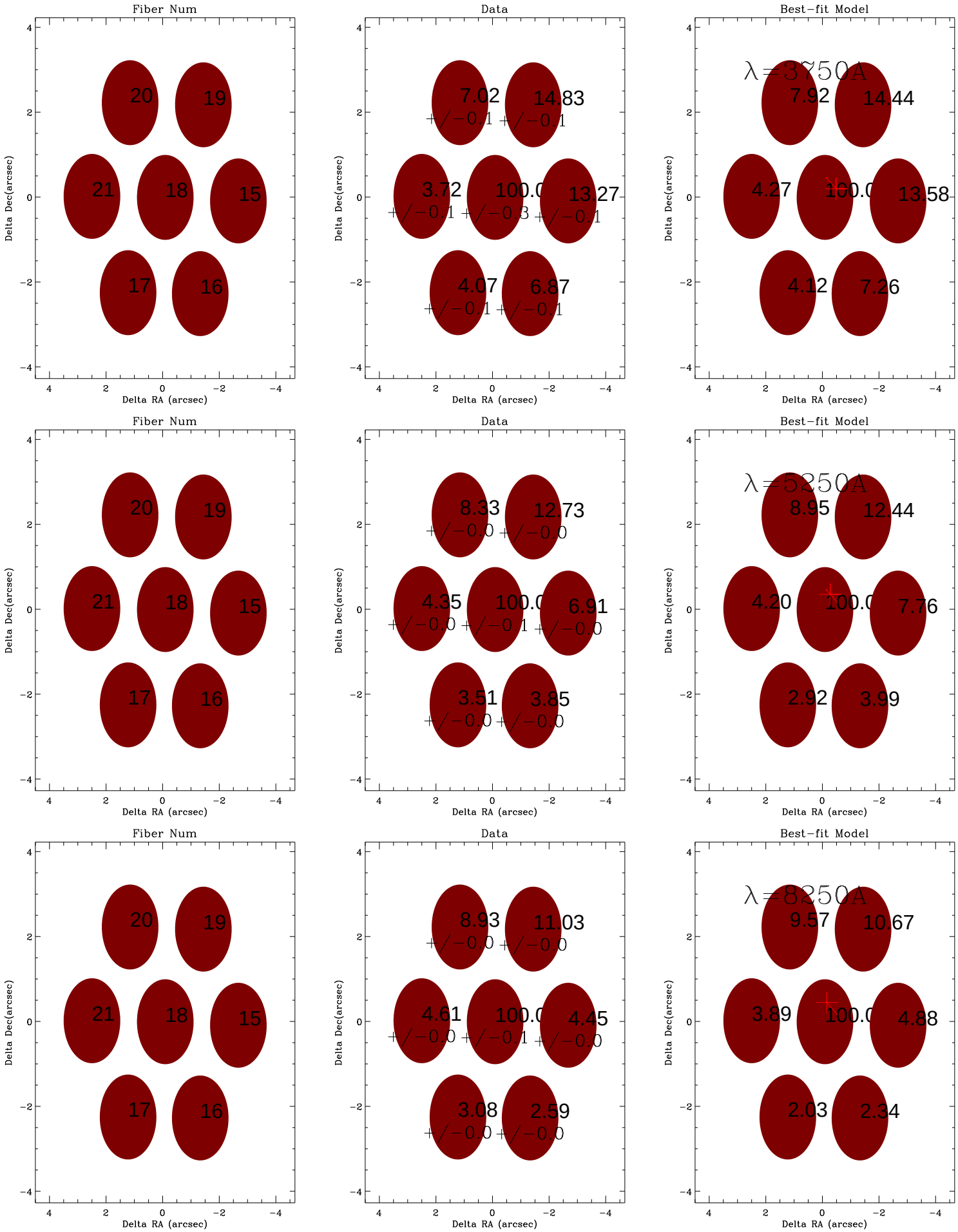

PLATE=8672 MJD=57504 Spectro-Photo Star Bundle 55 Fiber 137
BOSZ_m03cp00op00t6000g40v20
Lines $\chi^2$/DOF= 2.31
Fe/H=−0.2 $T_{eff}$= 6000. g=4.0 cz= −49.
Normalized Flux
Wavelength [Ang]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
3850
3900
3950
4000
4050
4100

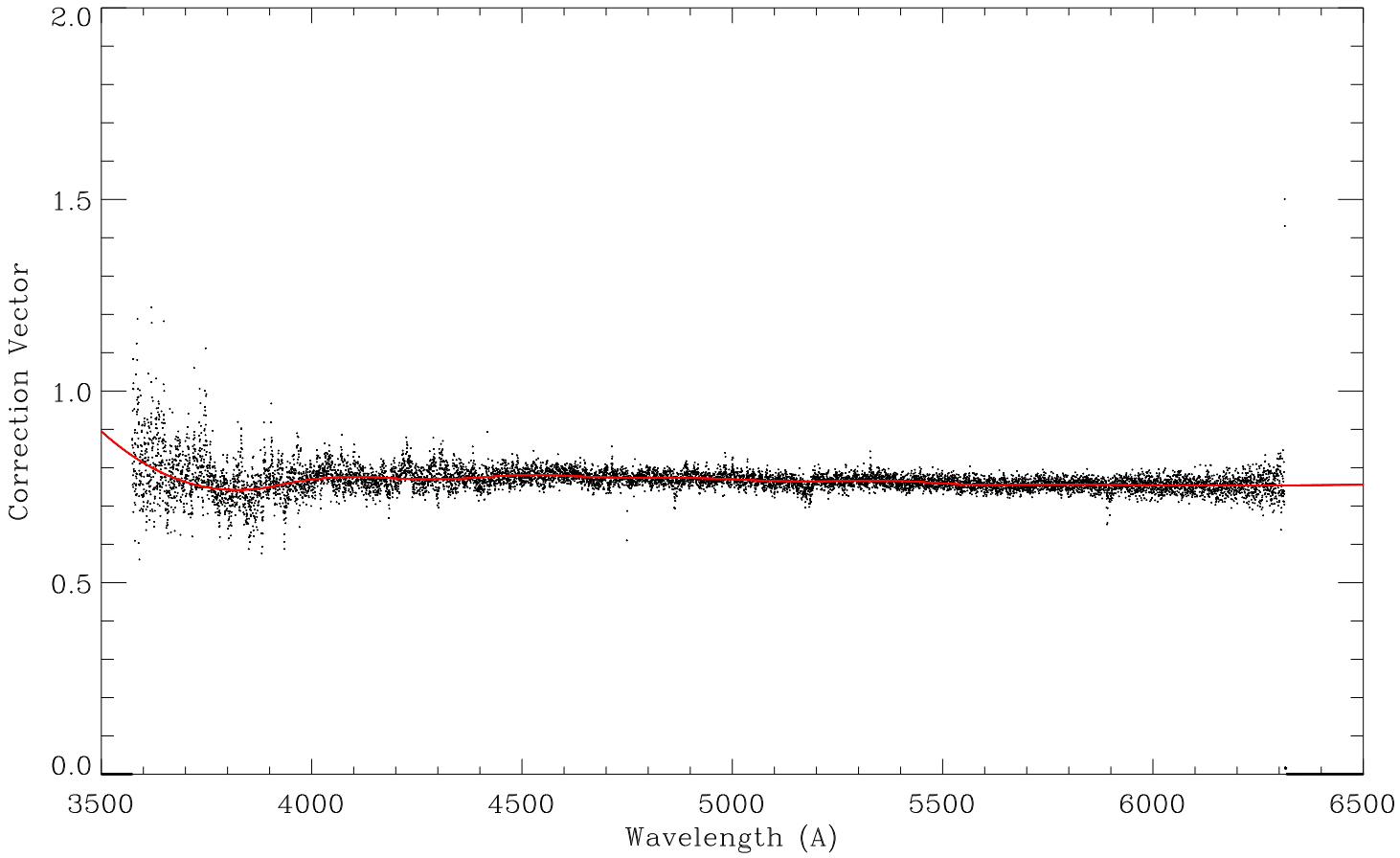

1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Normalized Flux
8600
8800
9000
Wavelength [Ang]

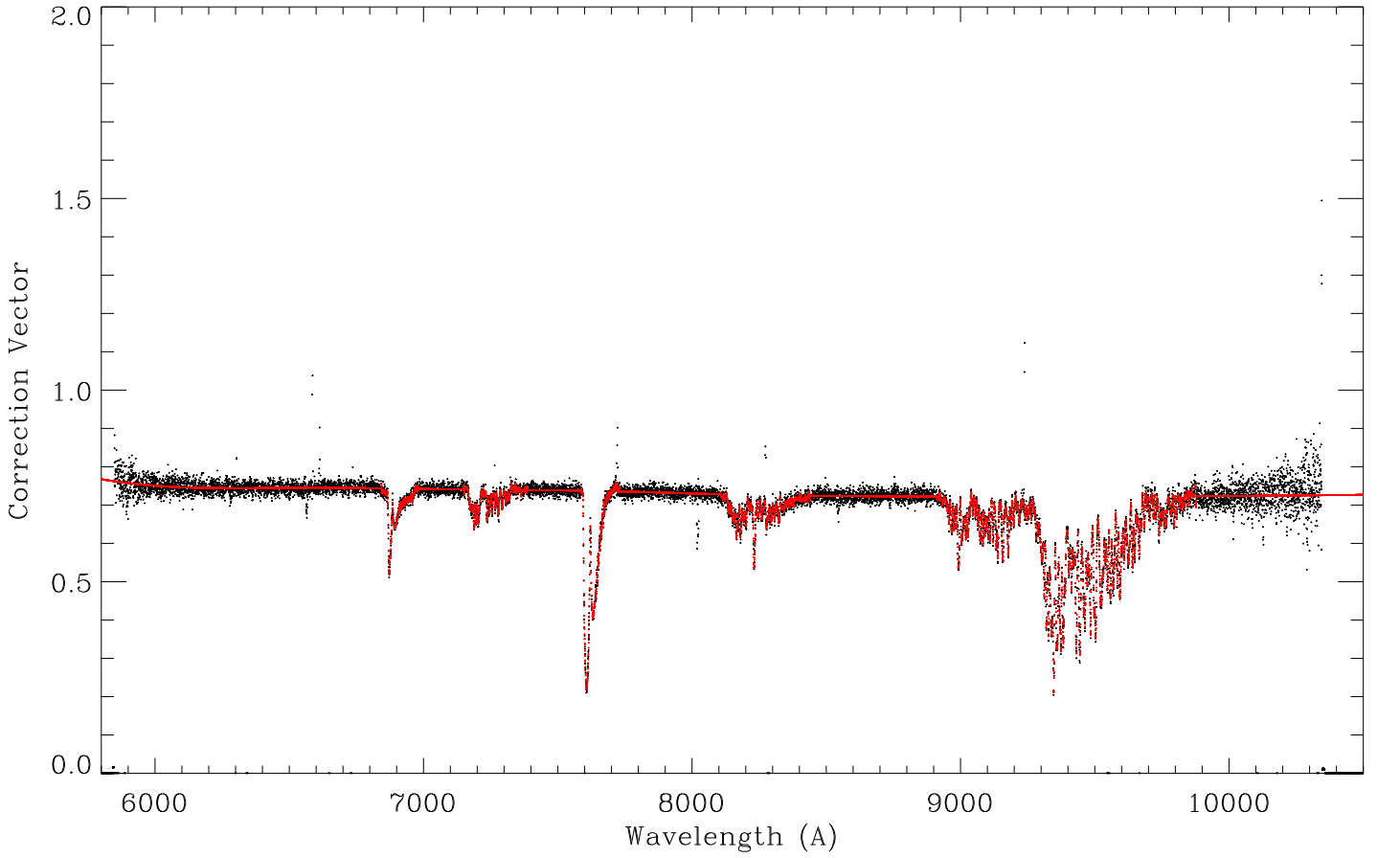

Fiber Num
Data
Best-fit Model
λ=3750A
λ=5250A
λ=8250A
13
12
14
11
8
10
9
3.90 10.86
+/−0.1 +/−0.1
2.91 100.0 19.63
+/−0.1 +/−0.3 +/−0.1
6.03 14.13
+/−0.1 +/−0.1
4.82 11.14
3.63 100.0 19.89
6.04 14.34
3.95 10.00
+/−0.0 +/−0.0
3.06 100.0 11.20
+/−0.0 +/−0.1 +/−0.0
4.30 7.17
+/−0.0 +/−0.0
5.01 9.92
3.25 100.0 11.66
3.97 7.34
4.13 9.67
+/−0.0 +/−0.0
3.03 100.0 7.25
+/−0.0 +/−0.1 +/−0.0
3.55 4.31
+/−0.0 +/−0.0
4.98 8.79
2.77 100.0 7.55
2.65 4.27
Delta Dec(arcsec)
Delta RA (arcsec)
4
2
0
−2
−4


PLATE=8672 MJD=57504 Spectro-Photo Star Bundle 56 Fiber 130
BOSZ_m08cp00op00t6000g45v20
Lines $\chi^2$/DOF= 2.11
Fe/H=−0.8 $T_{eff}$= 6000. g=4.5 cz= −5.
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
7.02 +/-0.1
14.83 +/-0.1
3.72 +/-0.1
100.0 +/-0.3
13.27 +/-0.1
4.07 +/-0.1
6.87 +/-0.1
7.92
14.44
4.27
100.0
13.58
4.12
7.26
8.33 +/-0.0
12.73 +/-0.0
4.35 +/-0.0
100.0 +/-0.1
6.91 +/-0.0
3.51 +/-0.0
3.85 +/-0.0
8.95
12.44
4.20
100.0
7.76
2.92
3.99
8.93 +/-0.0
11.03 +/-0.0
4.61 +/-0.0
100.0 +/-0.1
4.45 +/-0.0
3.08 +/-0.0
2.59 +/-0.0
9.57
10.67
3.89
100.0
4.88
2.03
2.34


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)