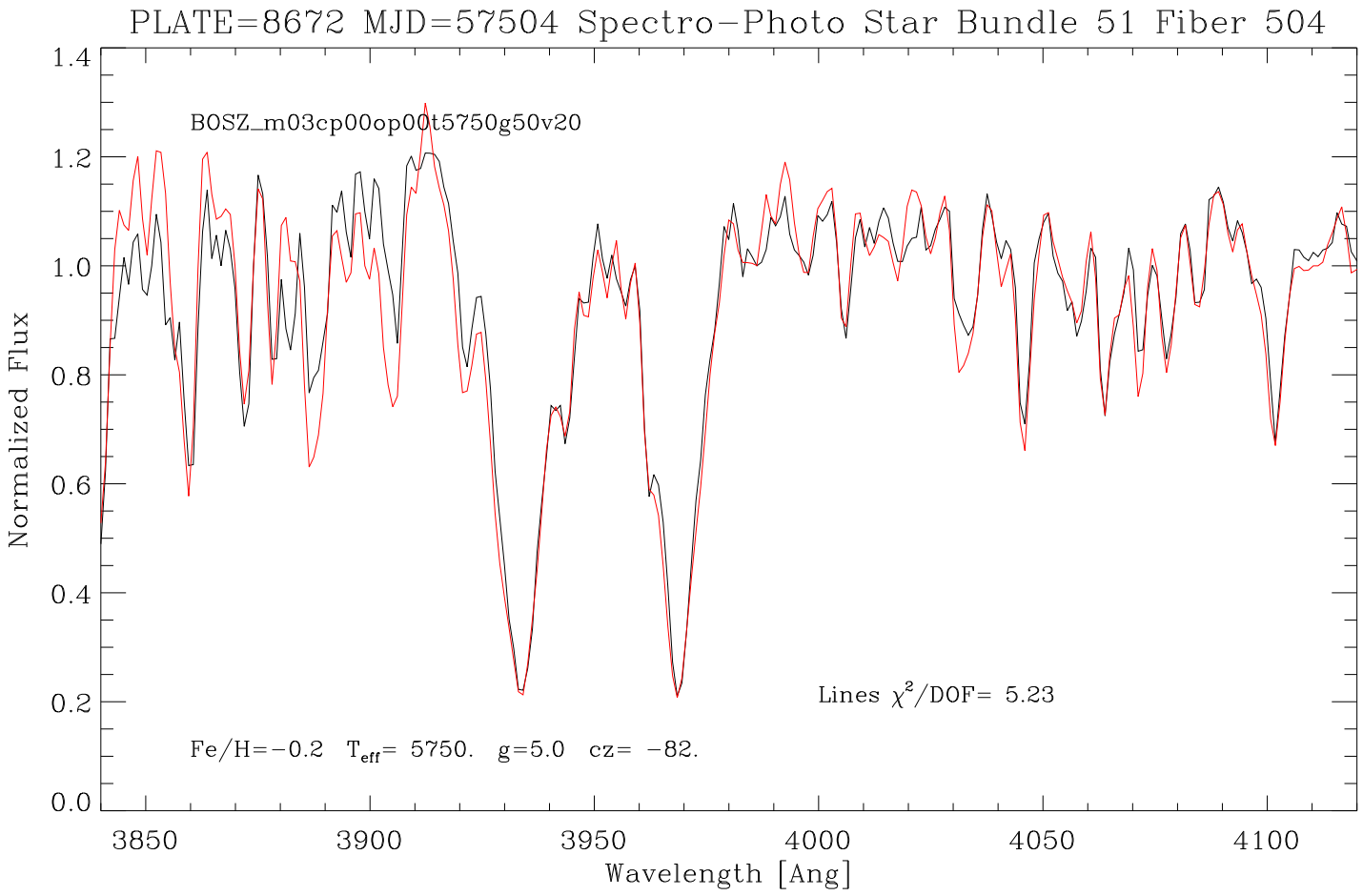
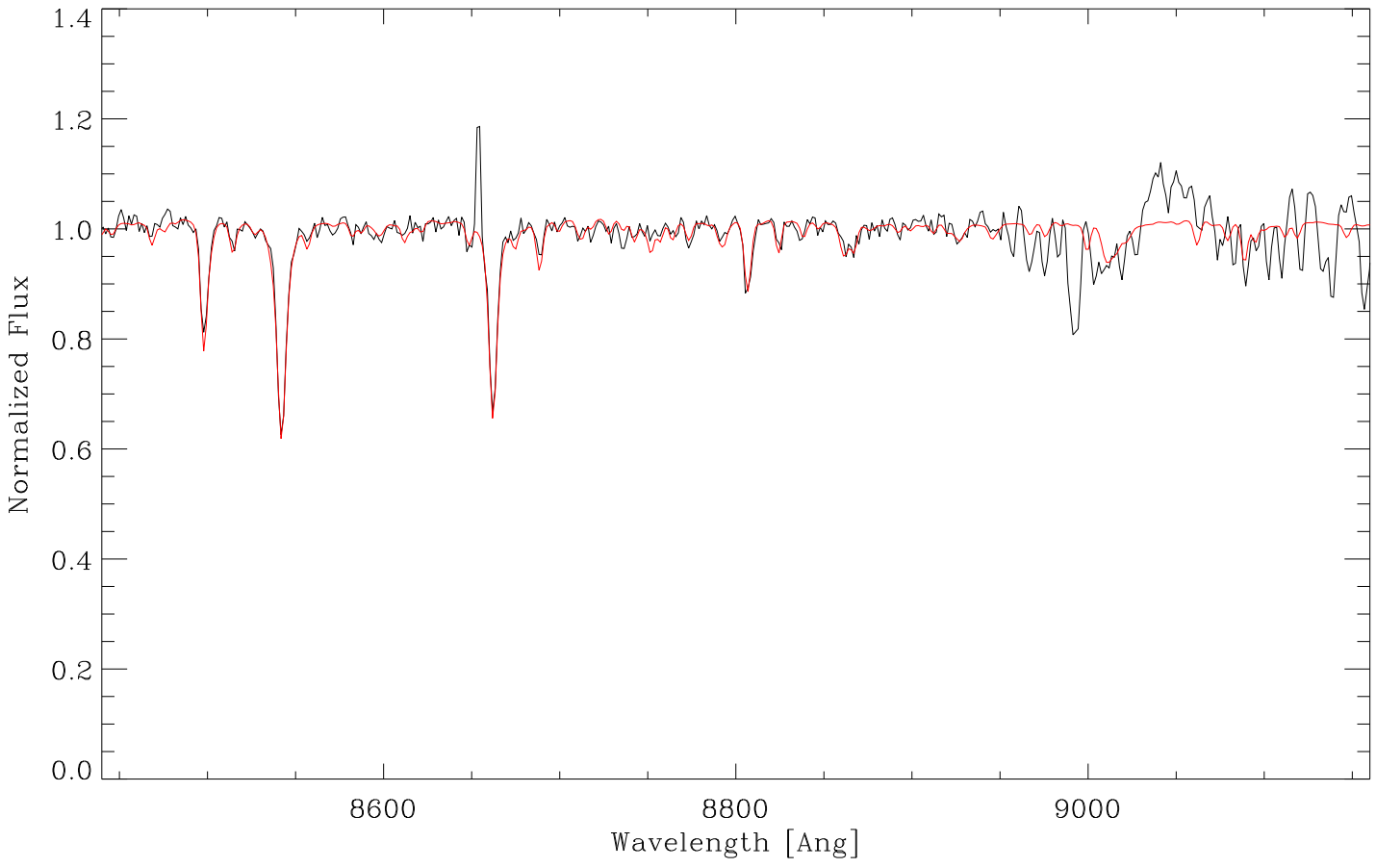
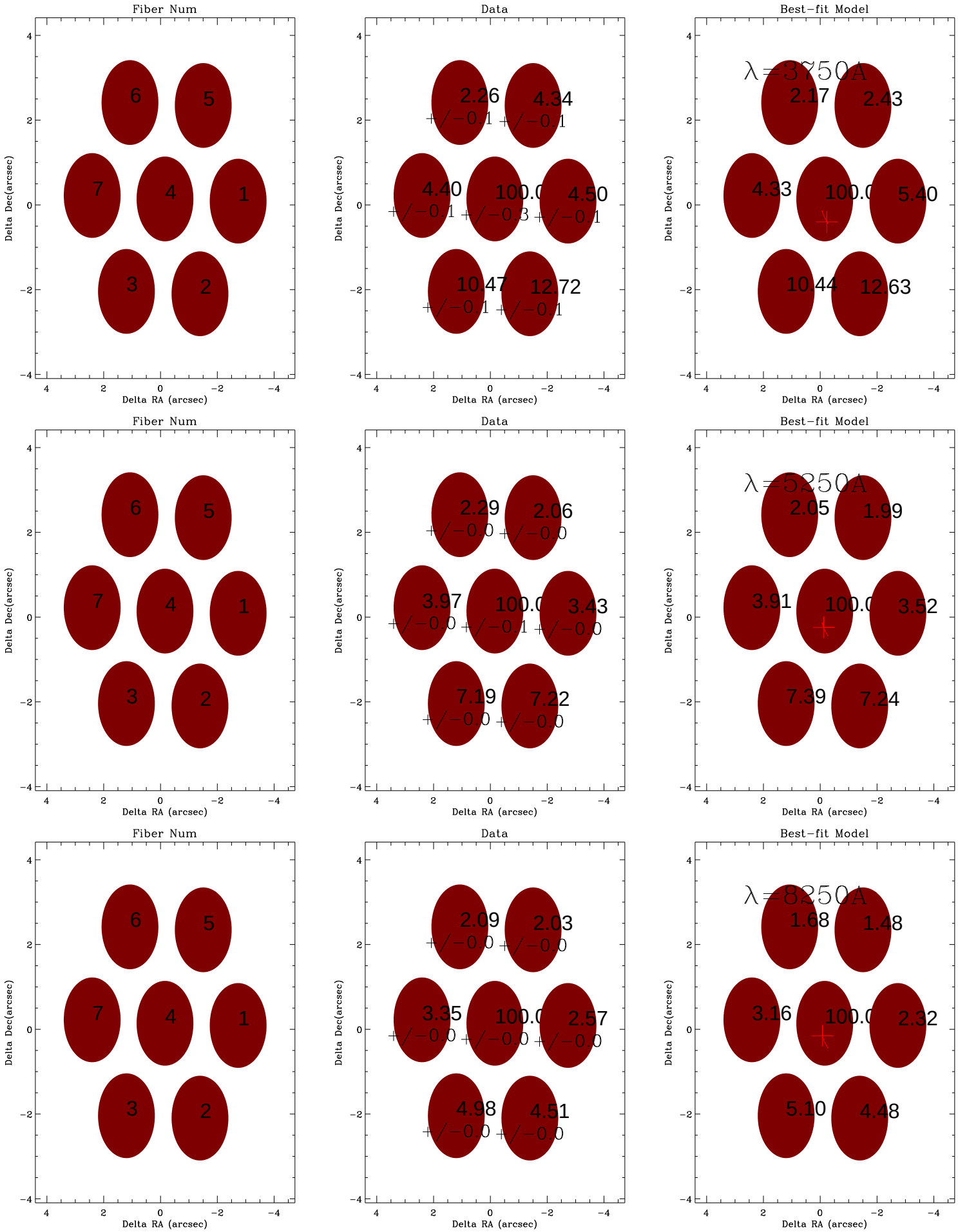
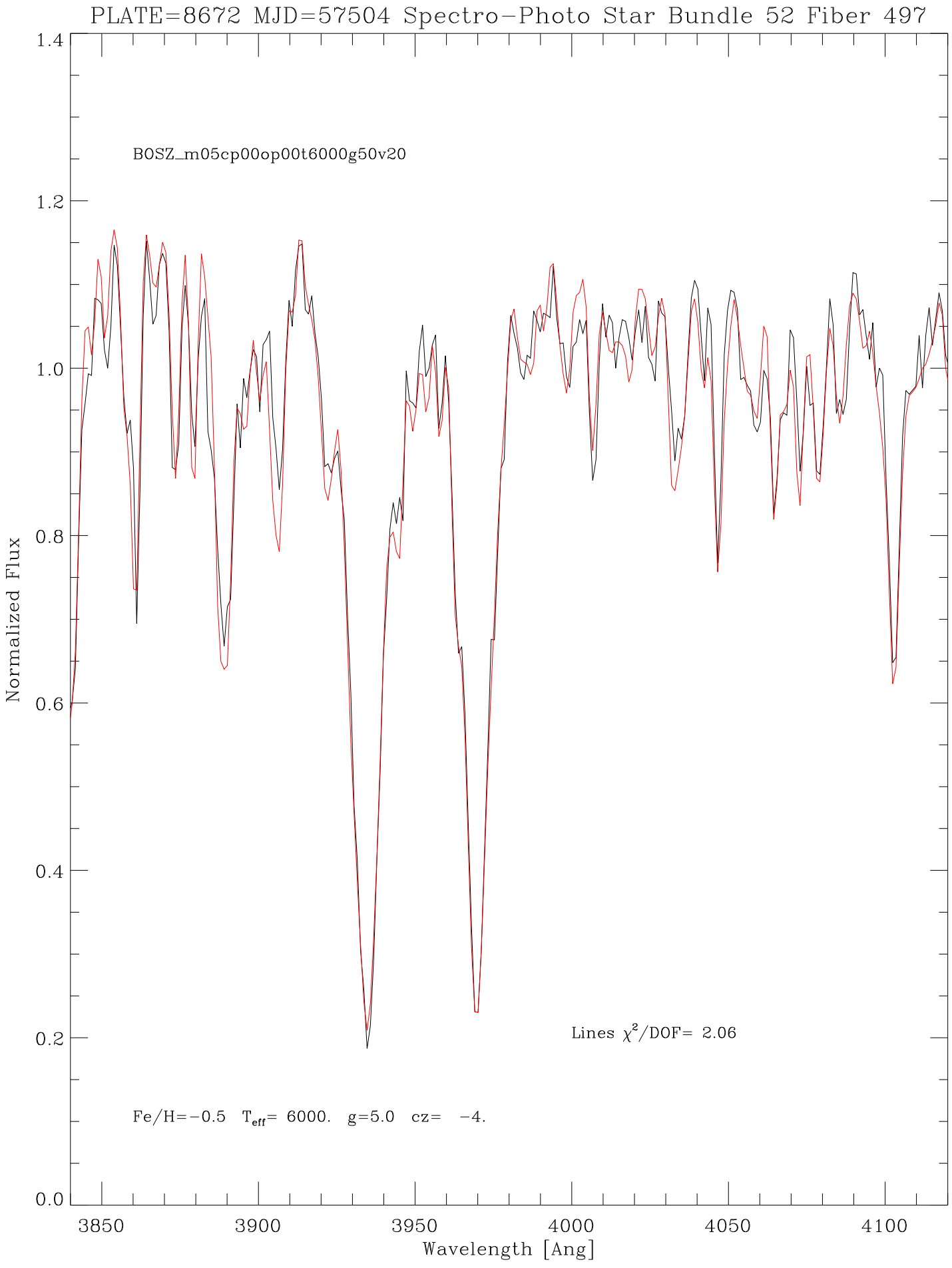
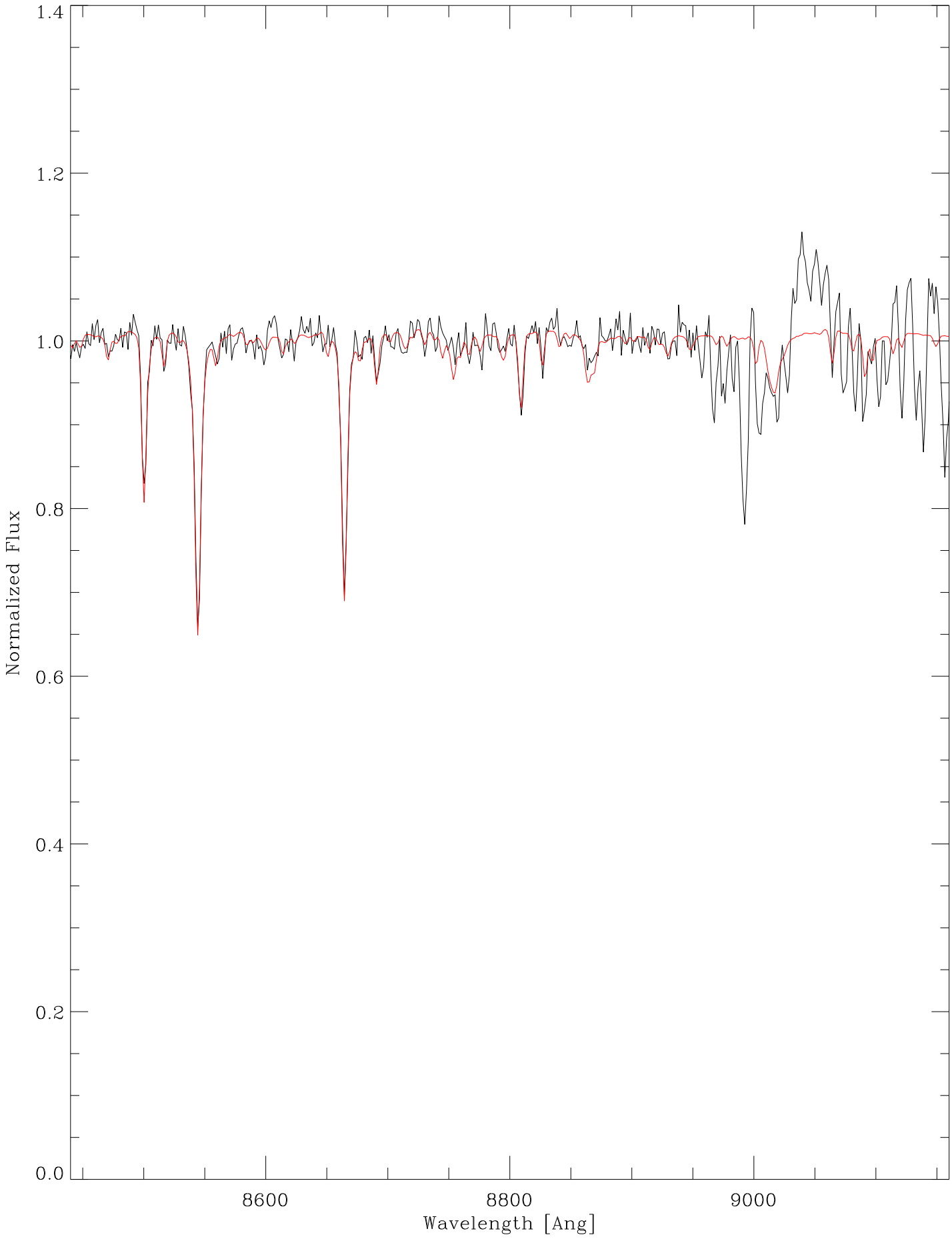
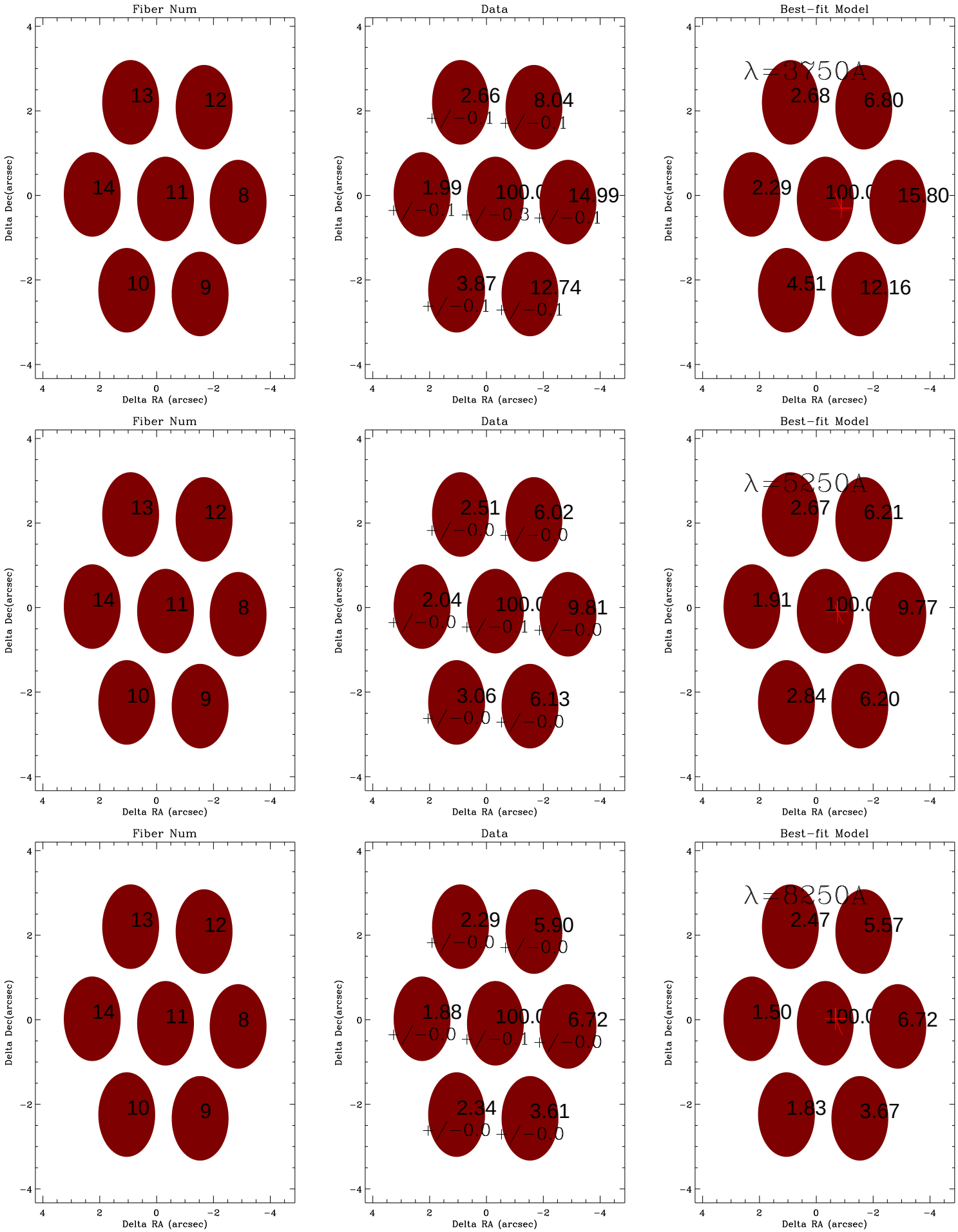

PLATE=8672 MJD=57504 Spectro-Photo Star Bundle 51 Fiber 504
BOSZ_m03cp00op00t5750g50v20
Lines χ²/DOF= 5.23
Fe/H=−0.2 T_eff= 5750. g=5.0 cz= −82.
Normalized Flux
Wavelength [Ang]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
3850
3900
3950
4000
4050
4100

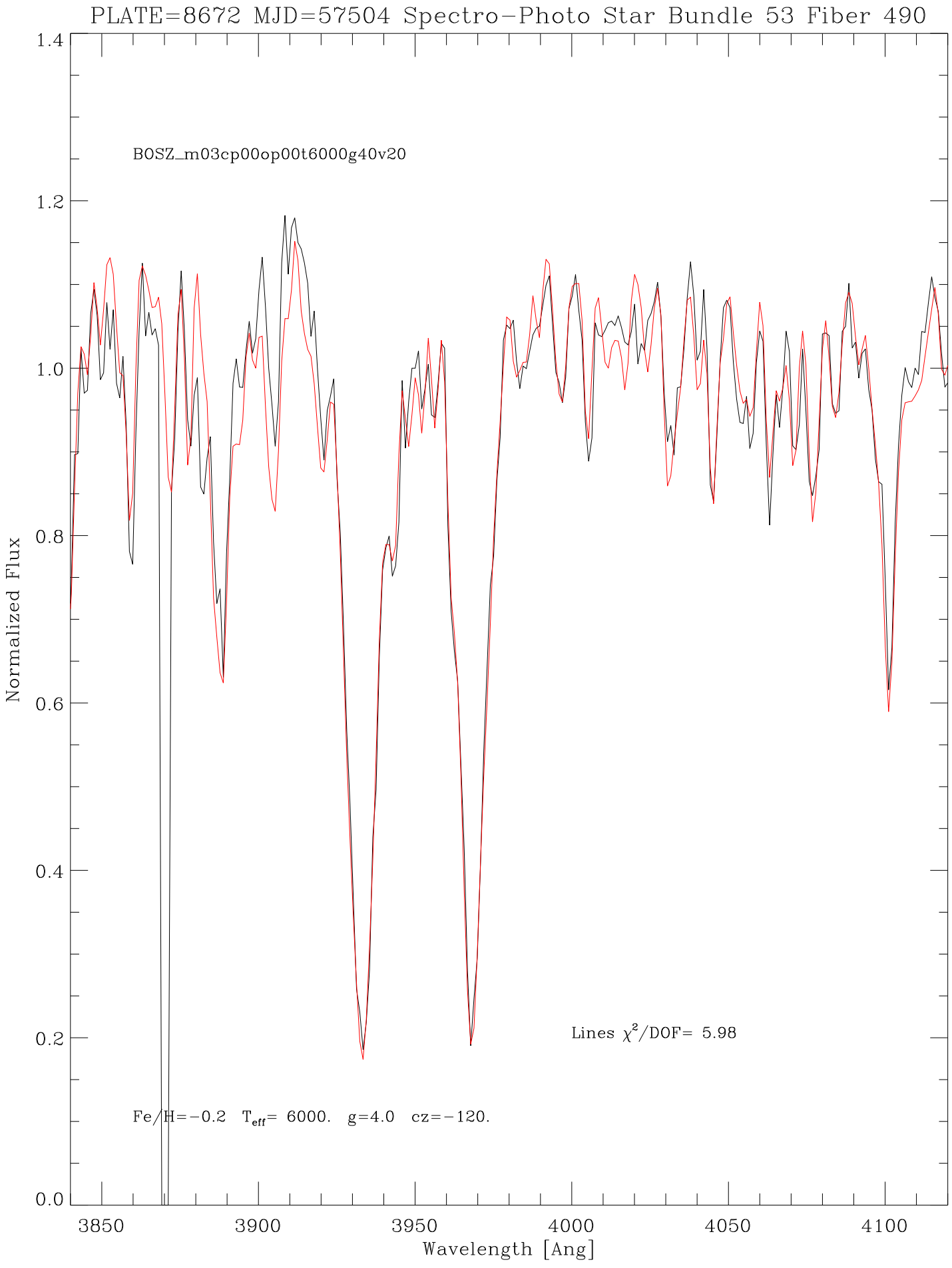

Normalized Flux
Wavelength [Ang]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
8600
8800
9000

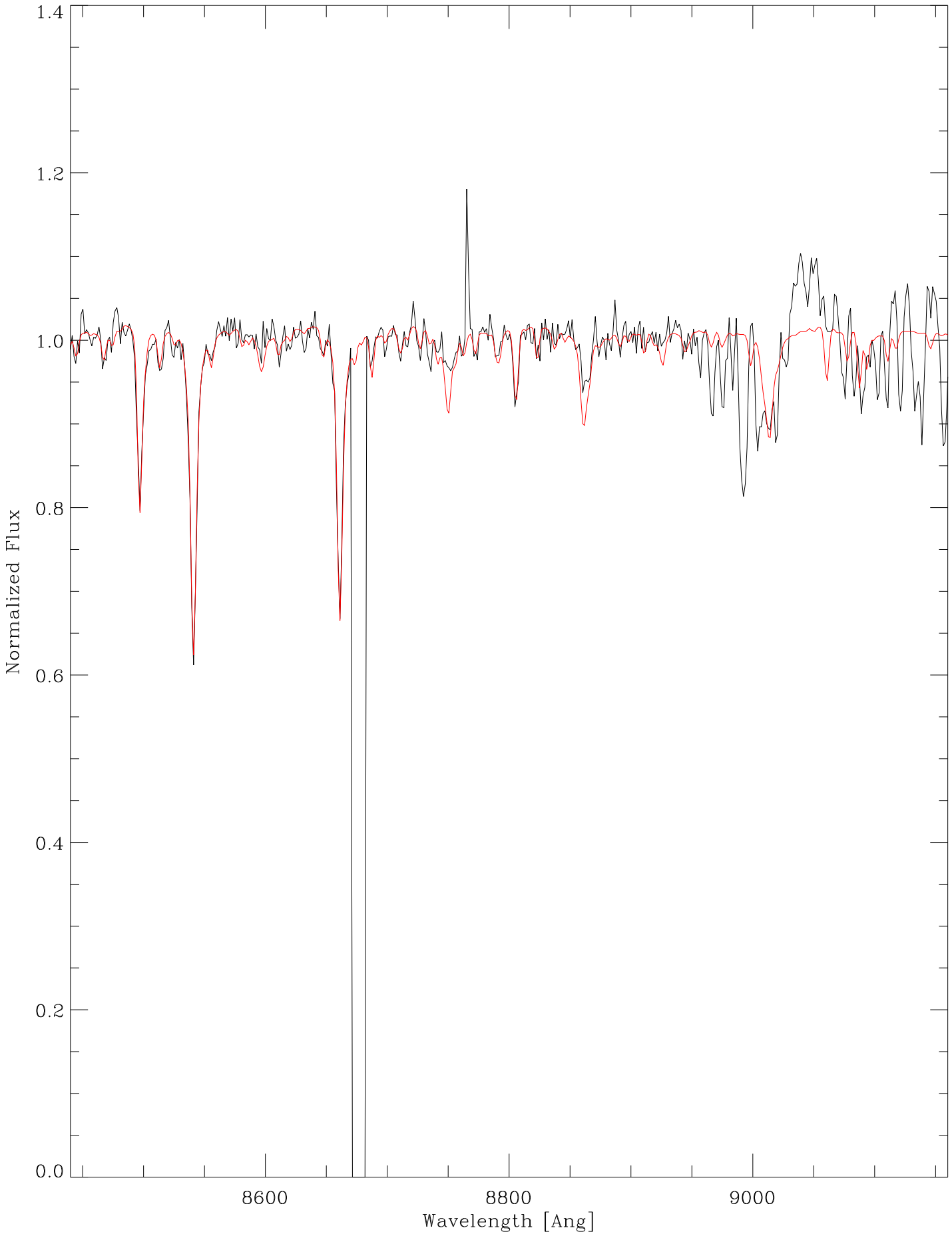

Fiber Num
Data
Best-fit Model
λ=3750A
λ=5250A
λ=8250A
Delta Dec(arcsec)
Delta RA (arcsec)
6
5
7
4
1
3
2
2.26 +/-0.1
4.34 +/-0.1
4.40 +/-0.1
100.0 +/-0.3
4.50 +/-0.1
10.47 +/-0.1
12.72 +/-0.1
2.17
2.43
4.33
100.0
5.40
10.44
12.63
2.29 +/-0.0
2.06 +/-0.0
3.97 +/-0.0
100.0 +/-0.1
3.43 +/-0.0
7.19 +/-0.0
7.22 +/-0.0
2.05
1.99
3.91
100.0
3.52
7.39
7.24
2.09 +/-0.0
2.03 +/-0.0
3.35 +/-0.0
100.0 +/-0.0
2.57 +/-0.0
4.98 +/-0.0
4.51 +/-0.0
1.68
1.48
3.16
100.0
2.32
5.10
4.48

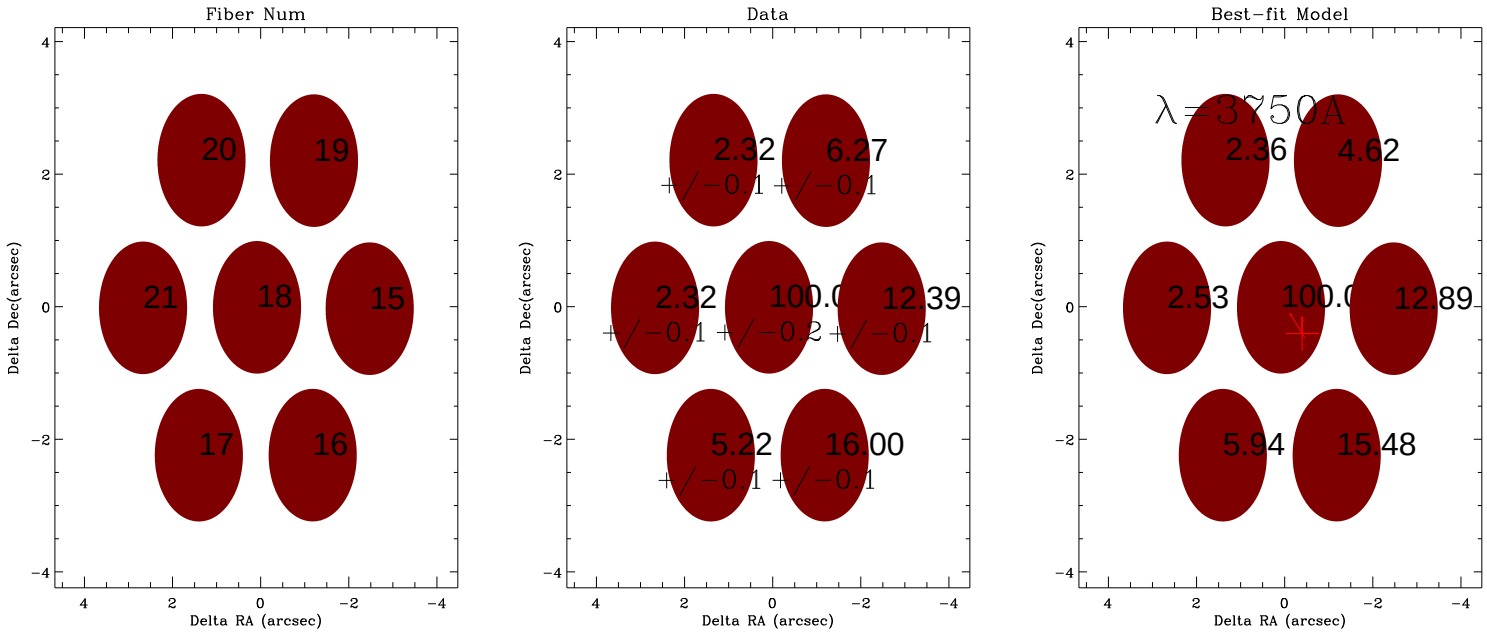

PLATE=8672 MJD=57504 Spectro-Photo Star Bundle 52 Fiber 497
BOSZ_m05cp00op00t6000g50v20
Lines χ²/DOF= 2.06
Fe/H=−0.5 T_eff= 6000. g=5.0 cz= −4.
Normalized Flux
Wavelength [Ang]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
3850
3900
3950
4000
4050
4100

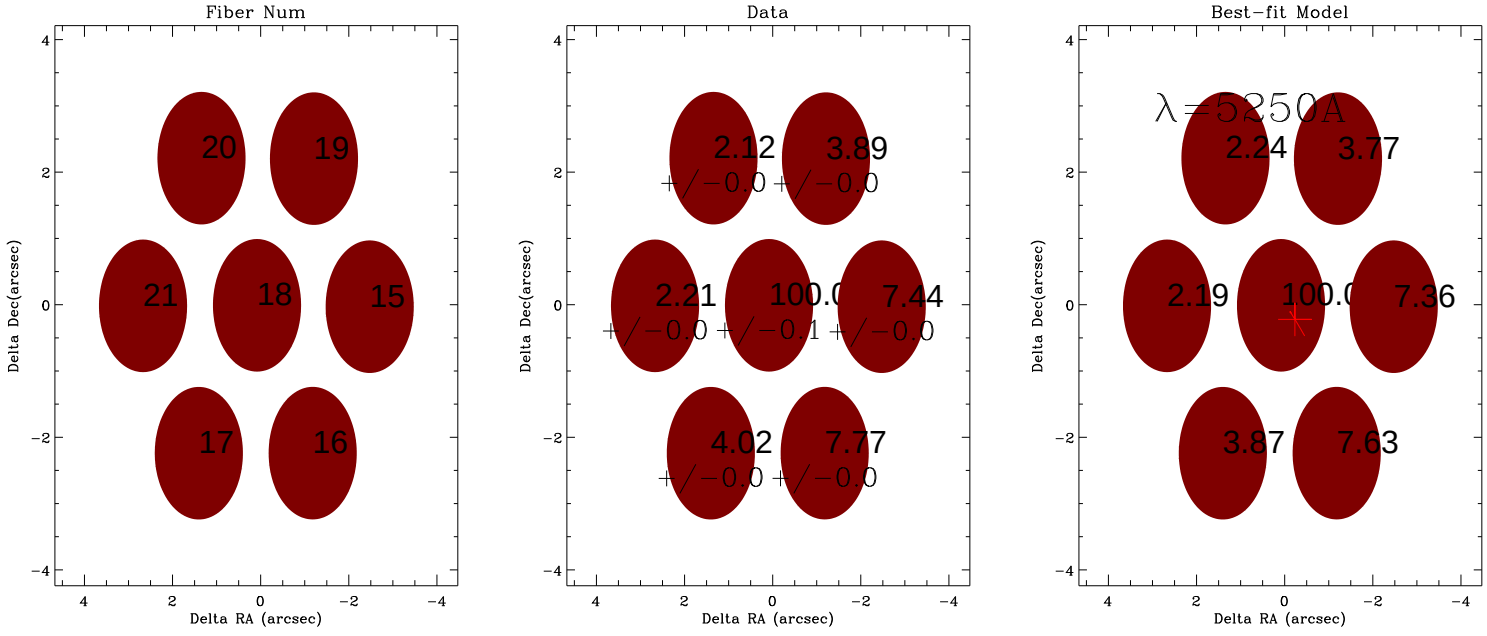

1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Normalized Flux
8600
8800
9000
Wavelength [Ang]

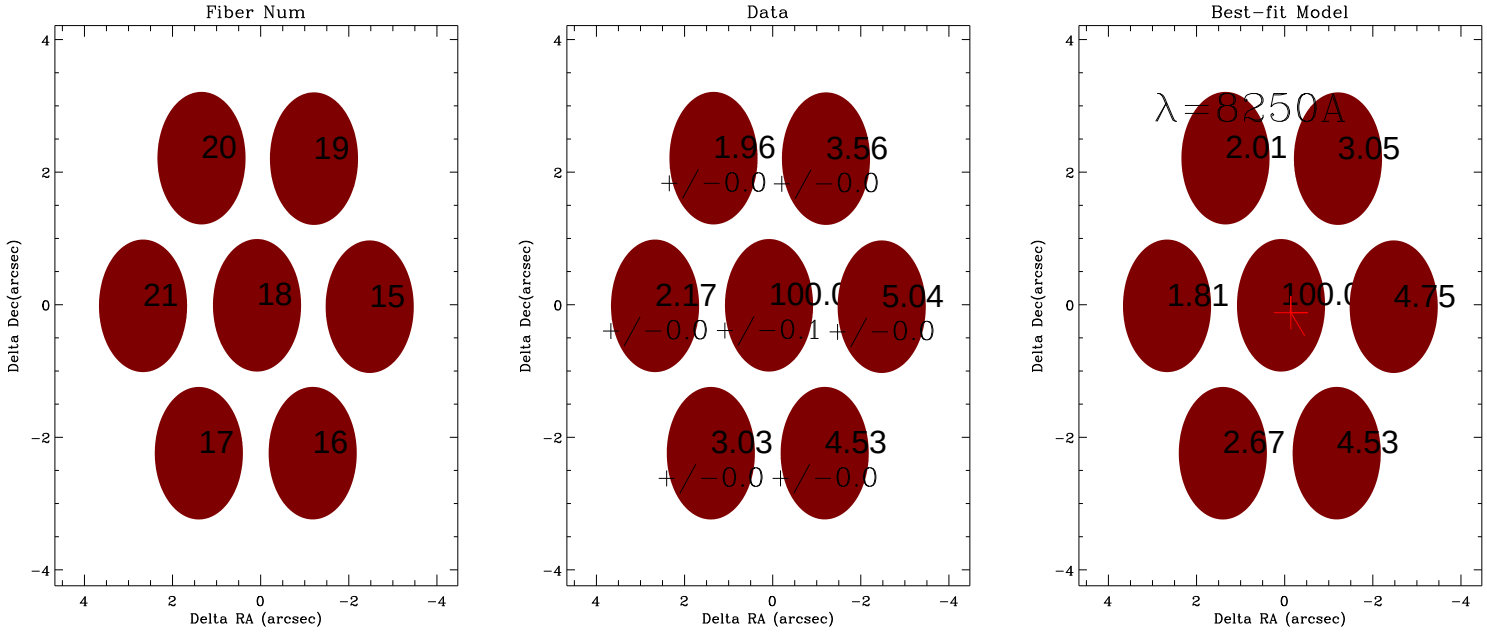

Fiber Num
Data
Best-fit Model
λ=3750A
λ=5250A
λ=8250A
Delta Dec(arcsec)
Delta RA (arcsec)
13
12
14
11
8
10
9
2.66 +/-0.1
8.04 +/-0.1
1.99 +/-0.1
100.0 +/-0.3
14.99 +/-0.1
3.87 +/-0.1
12.74 +/-0.1
2.68
6.80
2.29
100.0
15.80
4.51
12.16
2.51 +/-0.0
6.02 +/-0.0
2.04 +/-0.0
100.0 +/-0.1
9.81 +/-0.0
3.06 +/-0.0
6.13 +/-0.0
2.67
6.21
1.91
100.0
9.77
2.84
6.20
2.29 +/-0.0
5.90 +/-0.0
1.88 +/-0.0
100.0 +/-0.1
6.72 +/-0.0
2.34 +/-0.0
3.61 +/-0.0
2.47
5.57
1.50
100.0
6.72
1.83
3.67

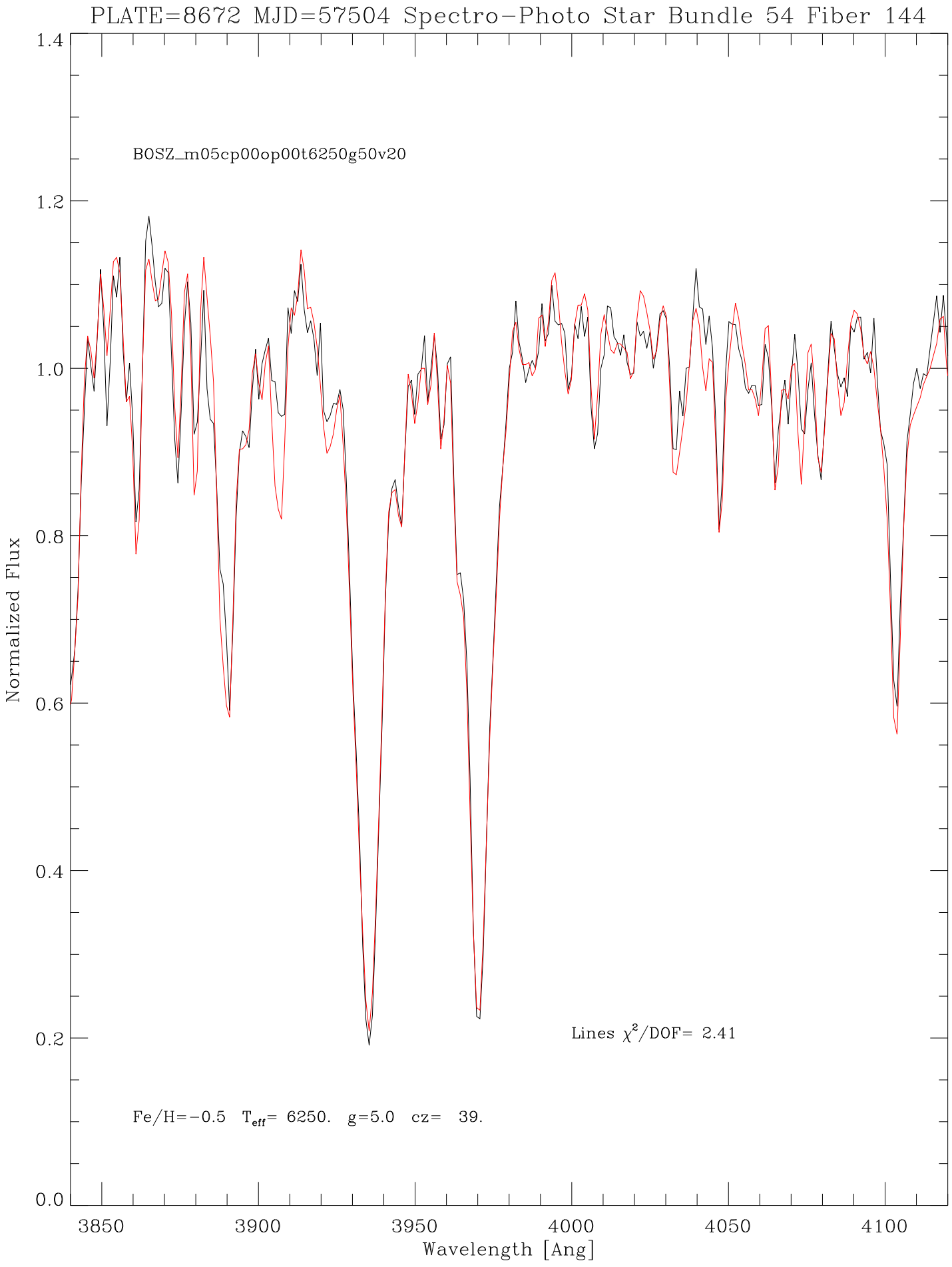

PLATE=8672 MJD=57504 Spectro-Photo Star Bundle 53 Fiber 490
BOSZ_m03cp00op00t6000g40v20
Lines χ^2/DOF= 5.98
Fe/H=−0.2 T_{eff}= 6000. g=4.0 cz=−120.
Normalized Flux
Wavelength [Ang]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
3850
3900
3950
4000
4050
4100

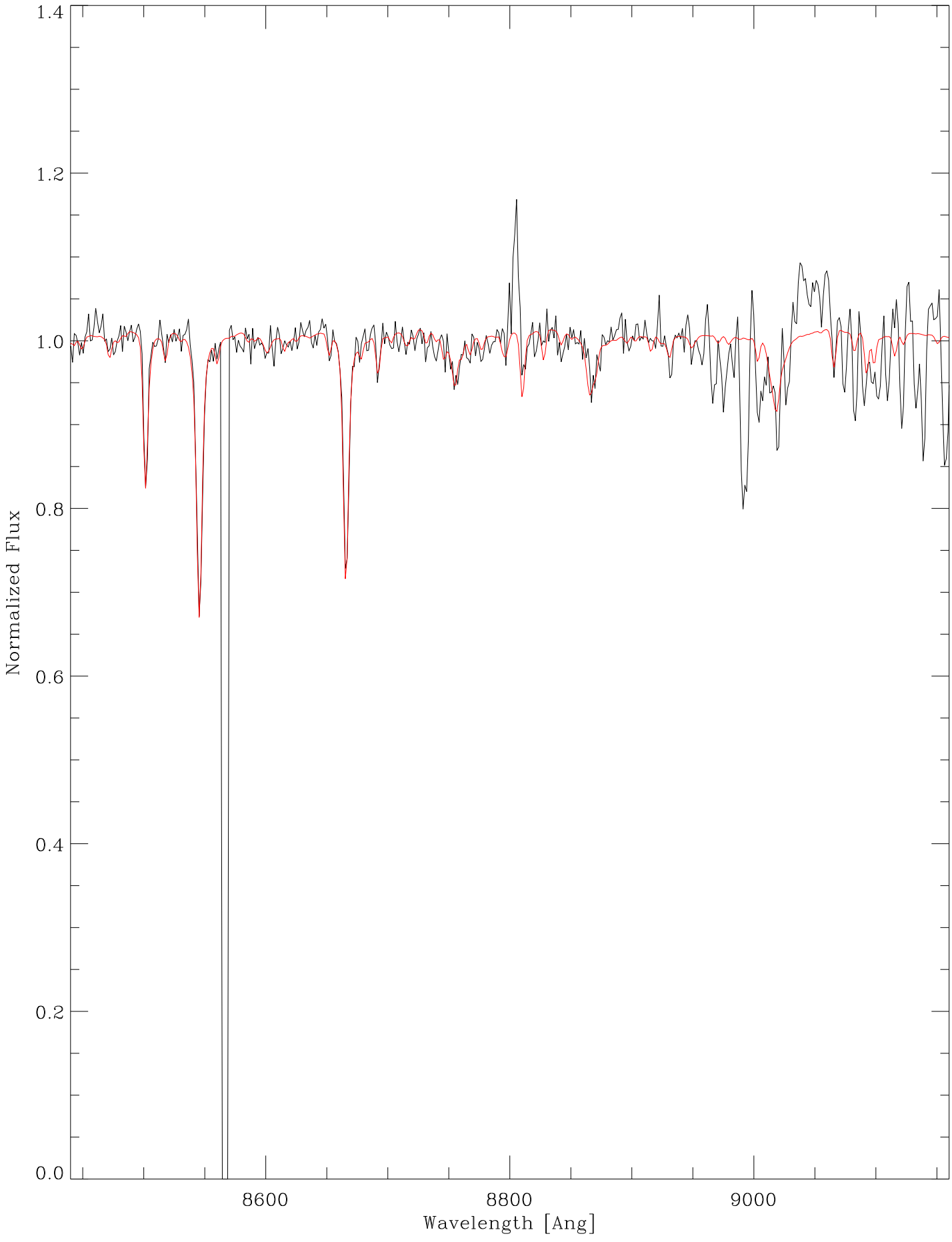

1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Normalized Flux
8600
8800
9000
Wavelength [Ang]

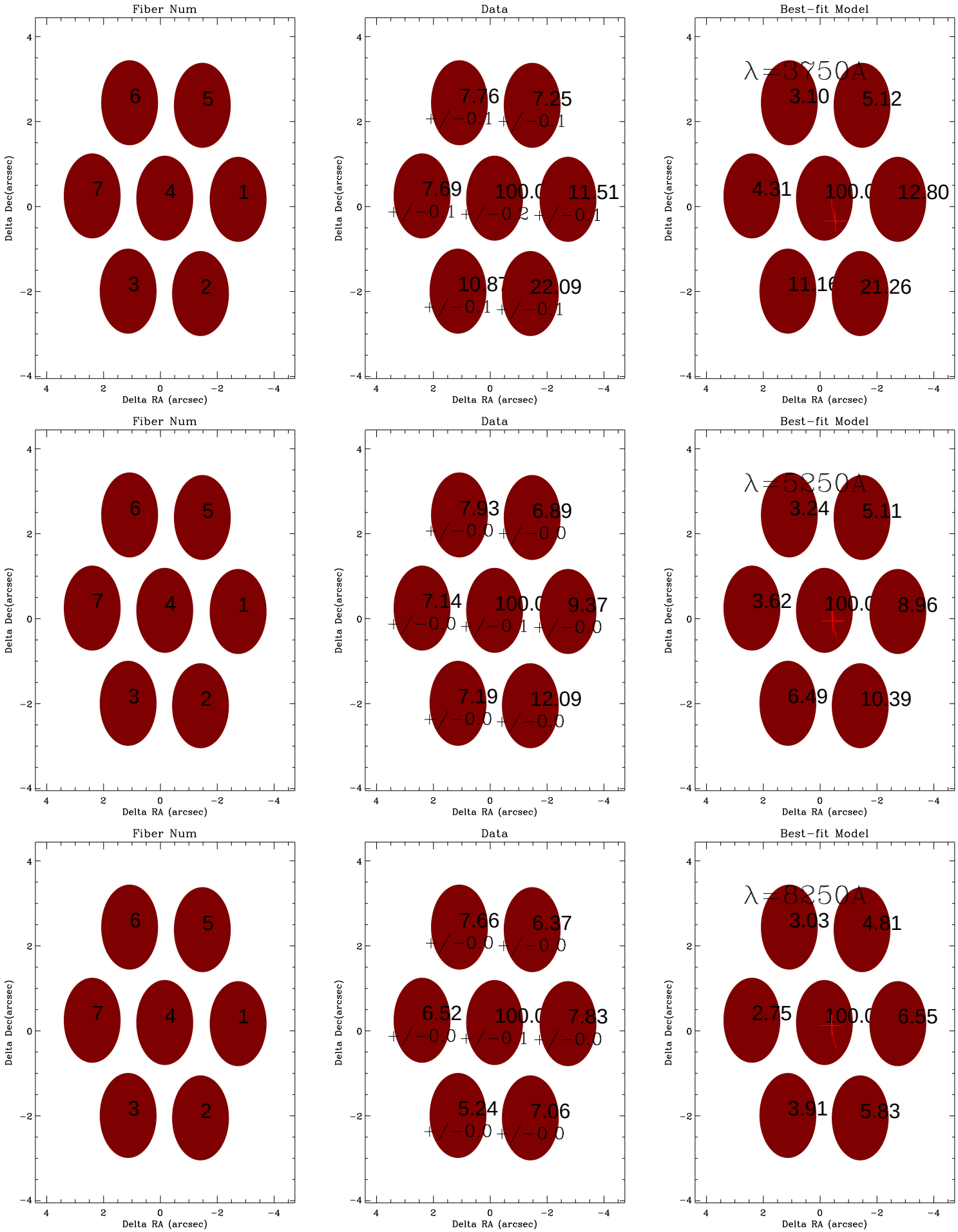

Fiber Num
20
19
21
18
15
17
16
Delta Dec(arcsec)
Delta RA (arcsec)
Data
2.32 +/−0.1
6.27 +/−0.1
2.32 +/−0.1
100.0 +/−0.2
12.39 +/−0.1
5.22 +/−0.1
16.00 +/−0.1
Best−fit Model
λ=3750A
2.36
4.62
2.53
100.0
12.89
5.94
15.48

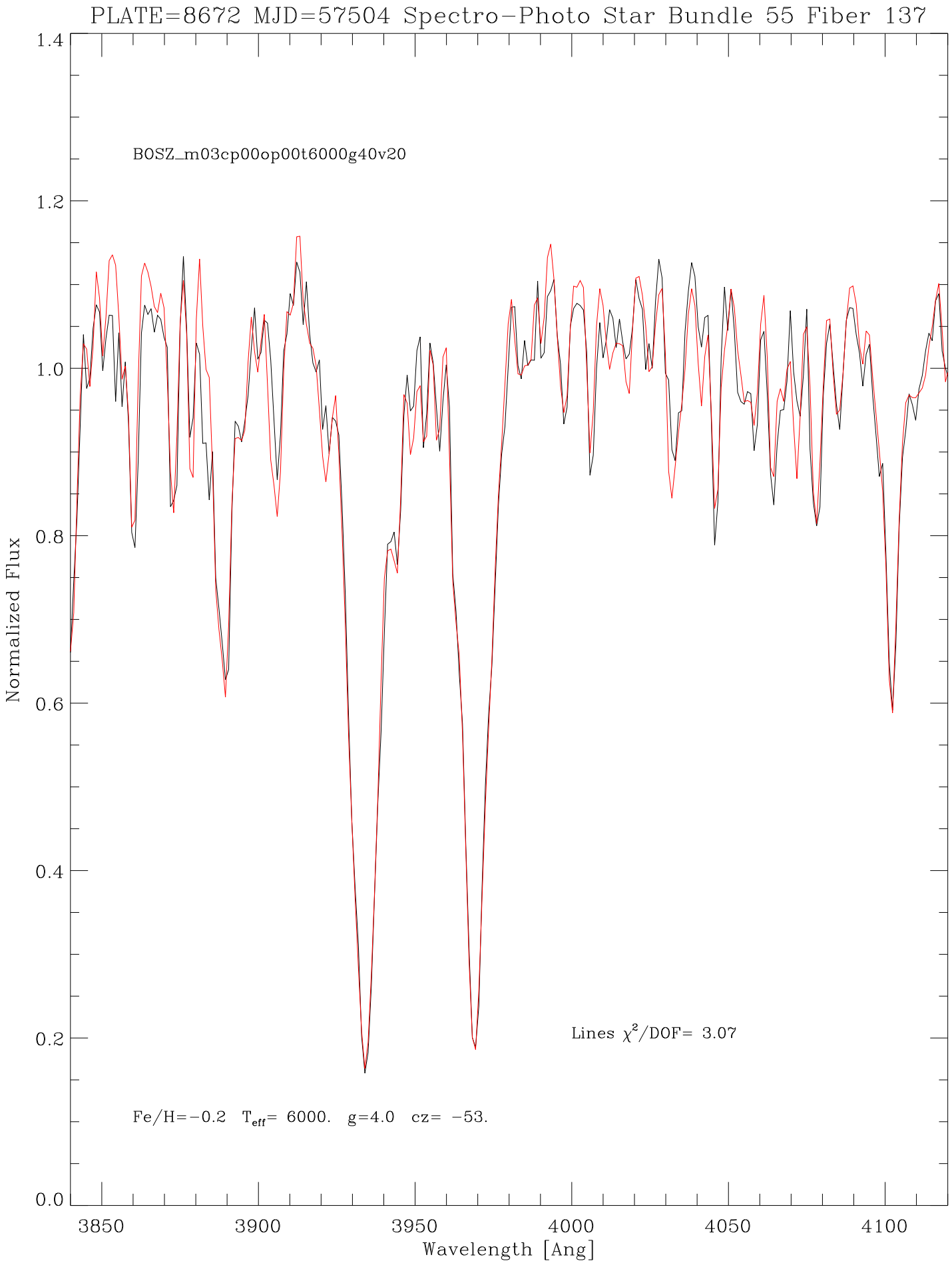

Fiber Num
20
19
21
18
15
17
16
Delta Dec(arcsec)
Delta RA (arcsec)
Data
2.12 +/−0.0
3.89 +/−0.0
2.21 +/−0.0
100.0 +/−0.1
7.44 +/−0.0
4.02 +/−0.0
7.77 +/−0.0
Best−fit Model
λ=5250A
2.24
3.77
2.19
100.0
7.36
3.87
7.63

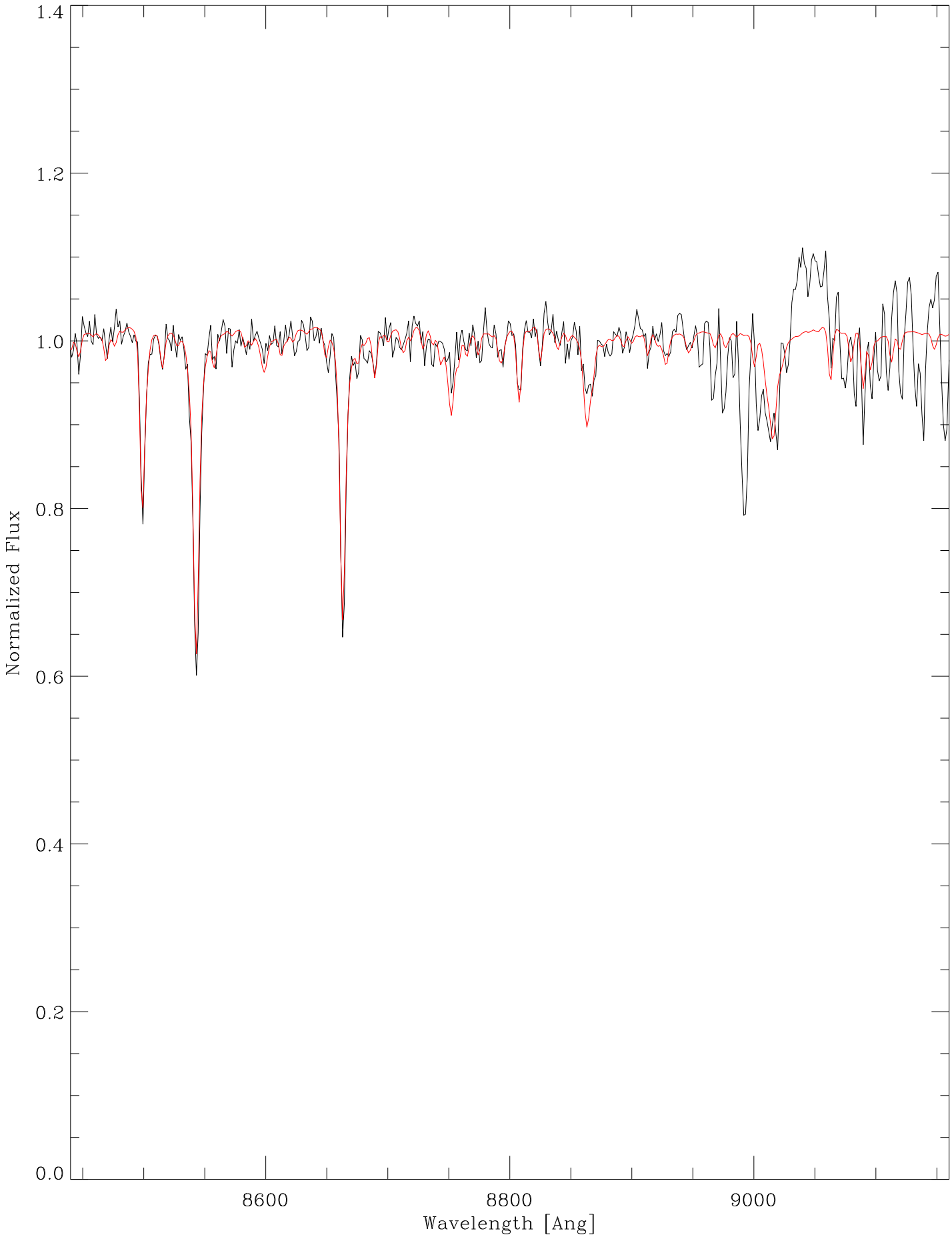

Fiber Num
20
19
21
18
15
17
16
Delta Dec(arcsec)
Delta RA (arcsec)
Data
1.96 +/−0.0
3.56 +/−0.0
2.17 +/−0.0
100.0 +/−0.1
5.04 +/−0.0
3.03 +/−0.0
4.53 +/−0.0
Best−fit Model
λ=8250A
2.01
3.05
1.81
100.0
4.75
2.67
4.53

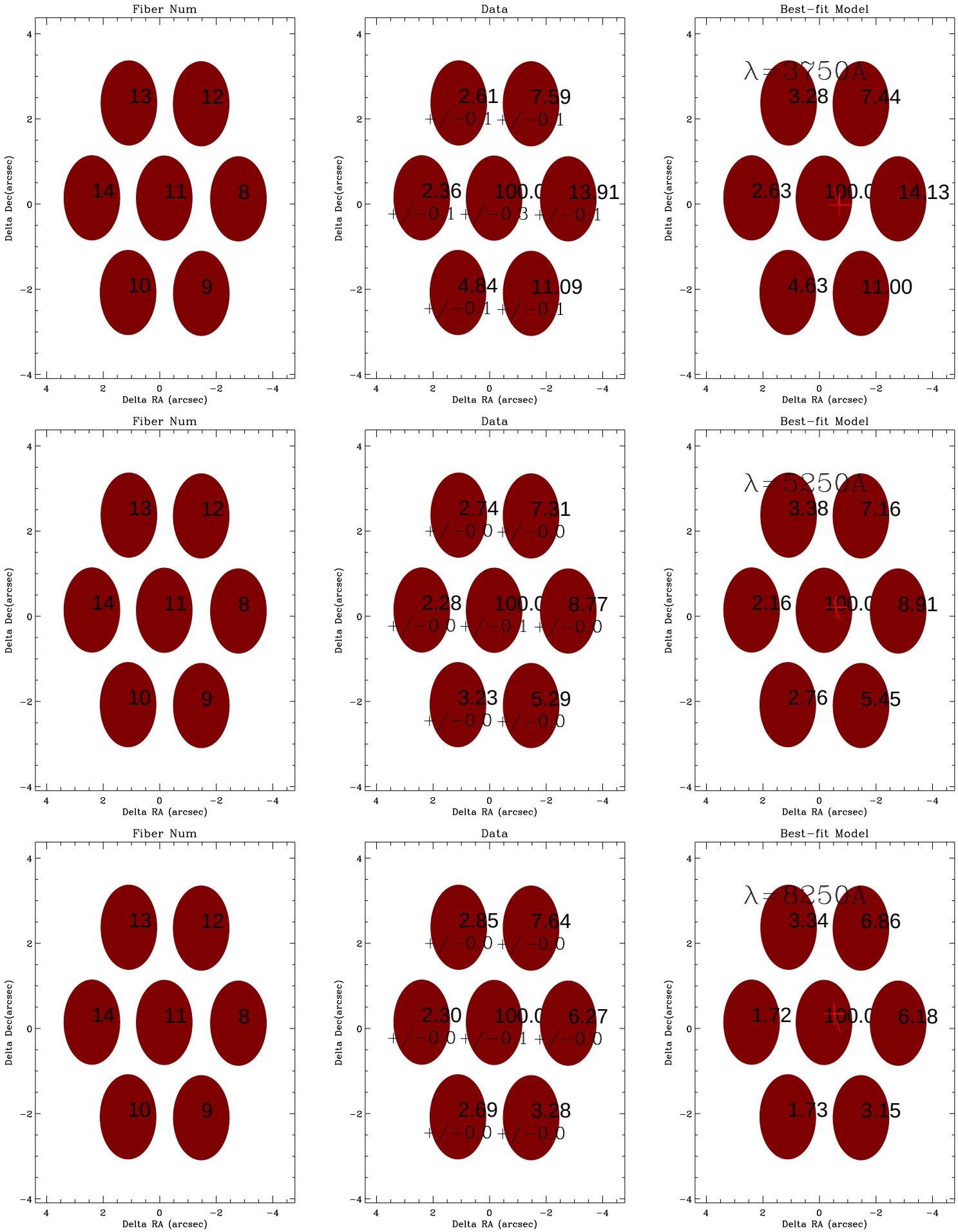

PLATE=8672 MJD=57504 Spectro-Photo Star Bundle 54 Fiber 144
BOSZ_m05cp00op00t6250g50v20
Normalized Flux
Wavelength [Ang]
Lines χ^2/DOF= 2.41
Fe/H=−0.5 T_{eff}= 6250. g=5.0 cz= 39.
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
3850
3900
3950
4000
4050
4100

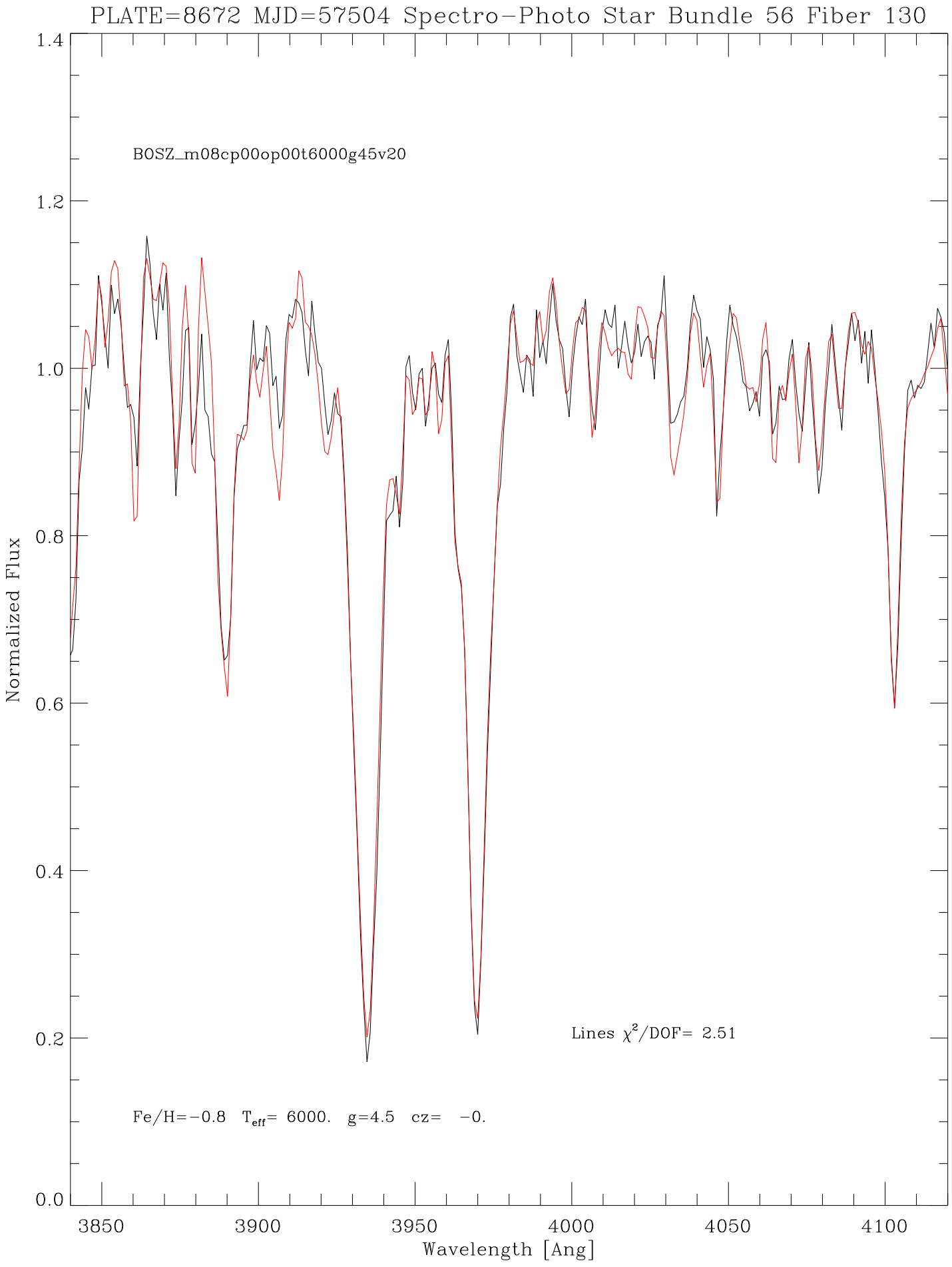

1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Normalized Flux
8600
8800
9000
Wavelength [Ang]

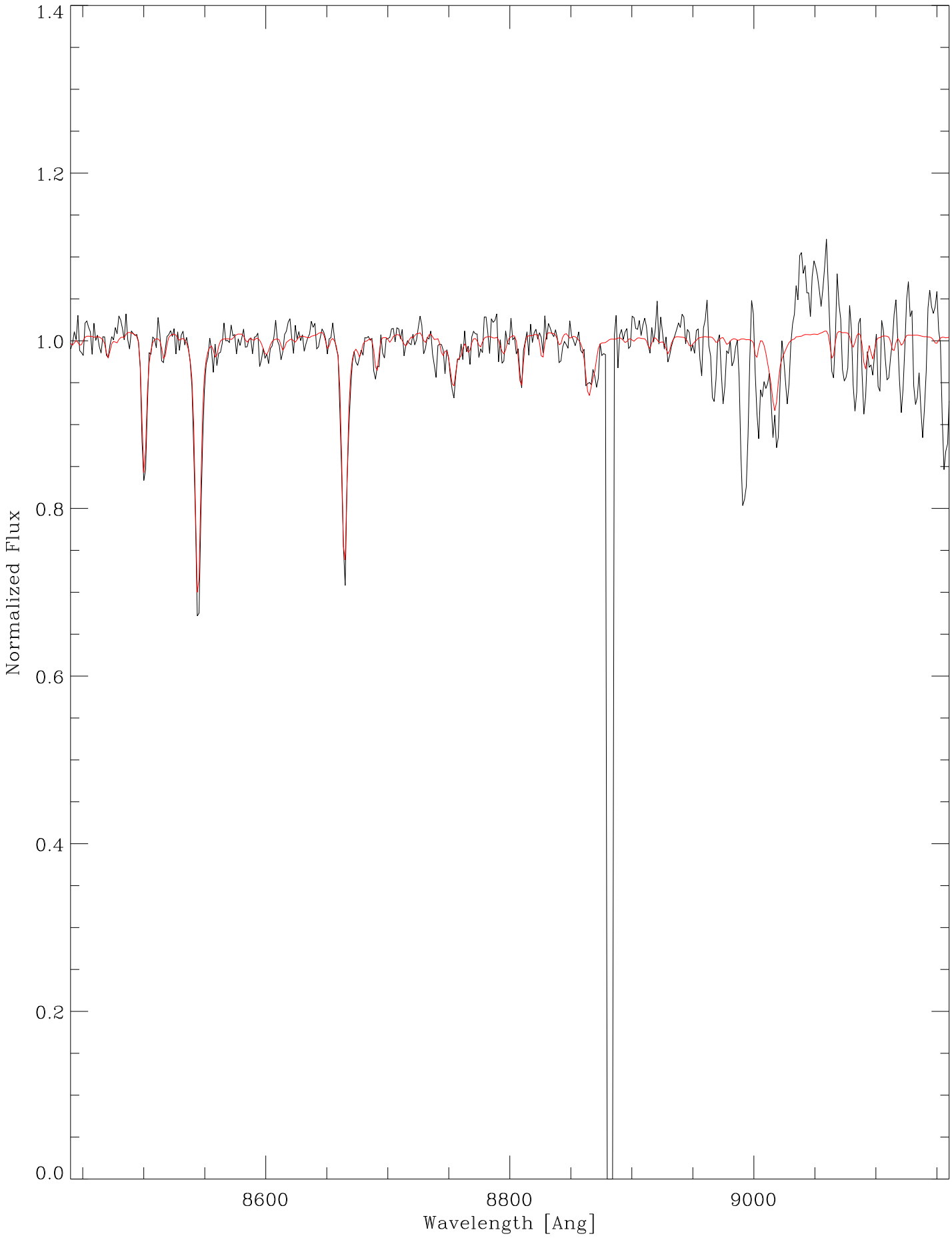

Fiber Num
Data
Best-fit Model
Delta Dec(arcsec)
Delta RA (arcsec)
6
5
7
4
1
3
2
7.76 +/-0.1
7.25 +/-0.1
7.69 +/-0.1
100.0 +/-0.2
11.51 +/-0.1
10.87 +/-0.1
22.09 +/-0.1
λ=3750A
3.10
5.12
4.31
100.0
12.80
11.16
21.26
7.93 +/-0.0
6.89 +/-0.0
7.14 +/-0.0
100.0 +/-0.1
9.37 +/-0.0
7.19 +/-0.0
12.09 +/-0.0
λ=5250A
3.24
5.11
3.62
100.0
8.96
6.49
10.39
7.66 +/-0.0
6.37 +/-0.0
6.52 +/-0.0
100.0 +/-0.1
7.83 +/-0.0
5.24 +/-0.0
7.06 +/-0.0
λ=8250A
3.03
4.81
2.75
100.0
6.55
3.91
5.83

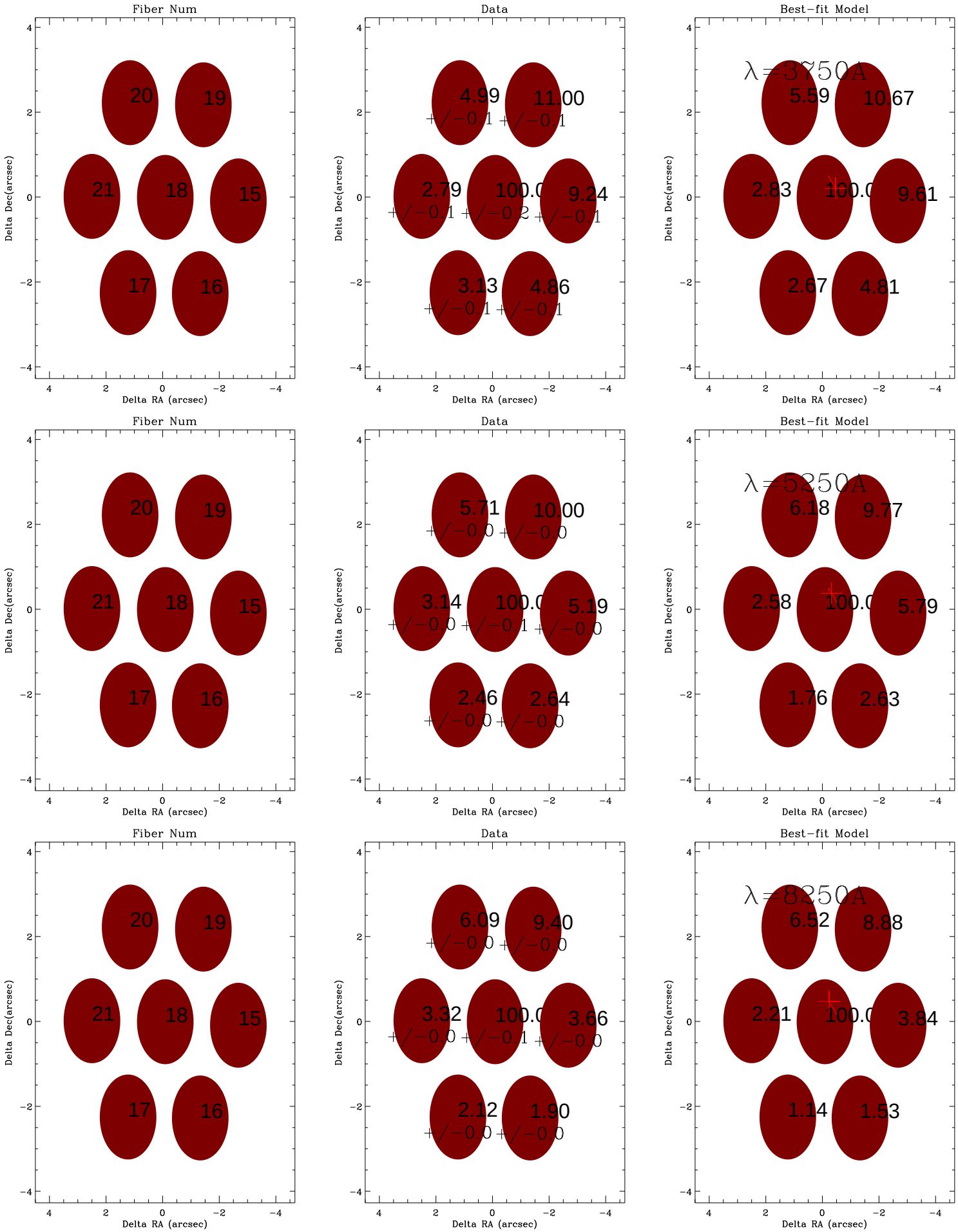

PLATE=8672 MJD=57504 Spectro-Photo Star Bundle 55 Fiber 137
BOSZ_m03cp00op00t6000g40v20
Lines χ^2/DOF= 3.07
Fe/H=−0.2 T_{eff}= 6000. g=4.0 cz= −53.
Normalized Flux
Wavelength [Ang]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
3850
3900
3950
4000
4050
4100

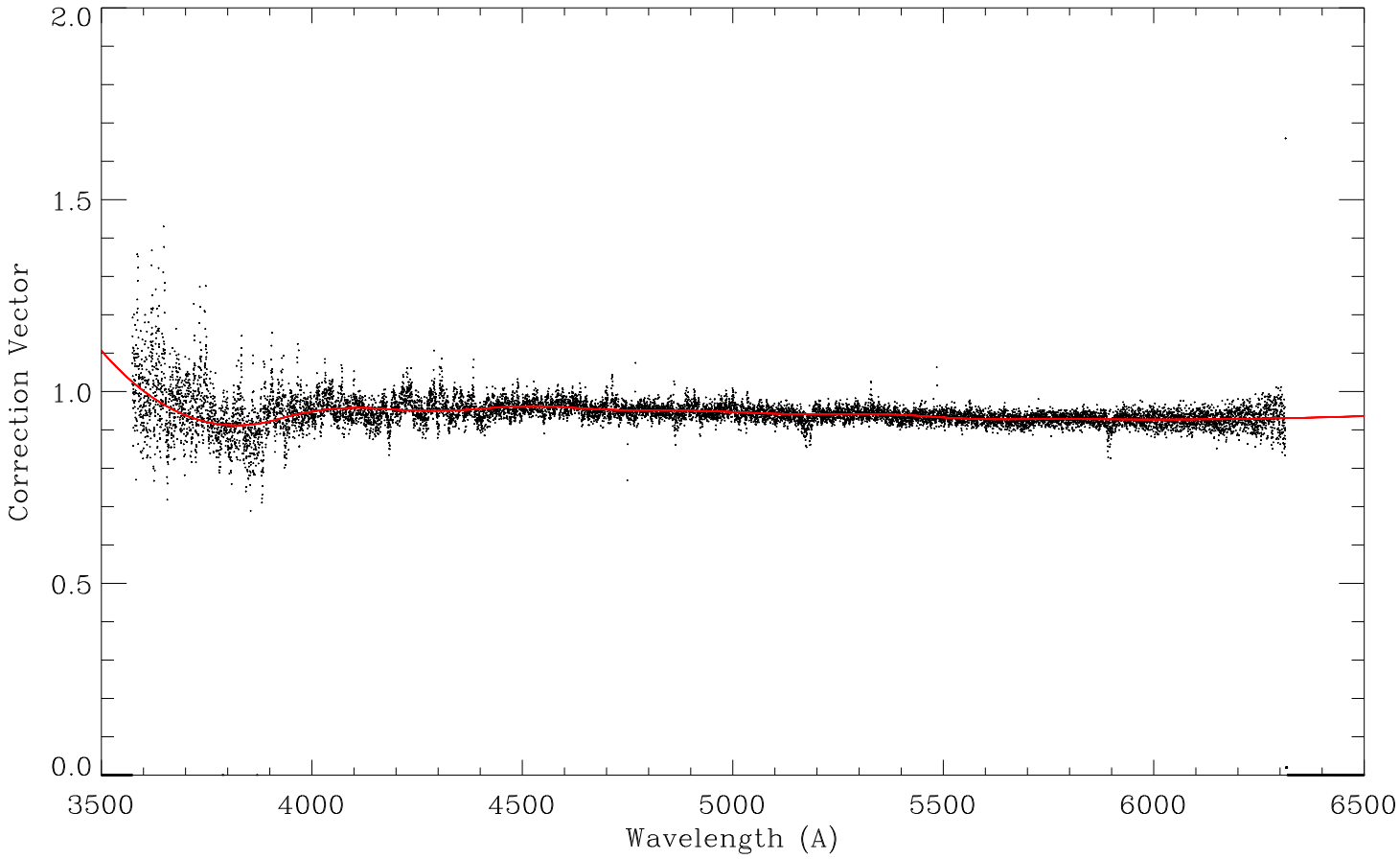

1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Normalized Flux
8600
8800
9000
Wavelength [Ang]

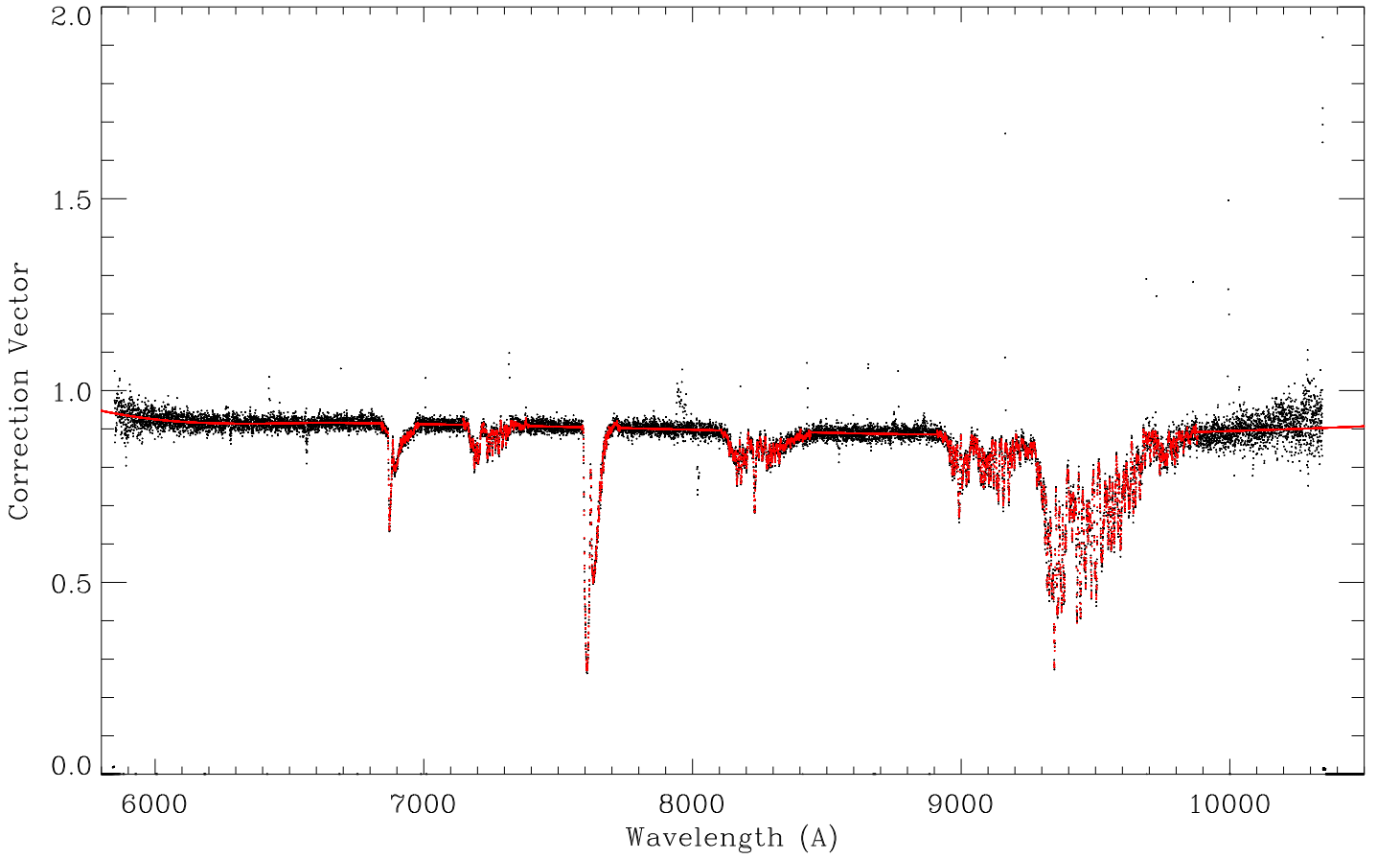

Fiber Num
Data
Best-fit Model
λ=3750A
λ=5250A
λ=8250A
Delta Dec(arcsec)
Delta RA (arcsec)
13
12
14
11
8
10
9
2.61 7.59
+/-0.1 +/-0.1
2.36 100.0 13.91
+/-0.1 +/-0.3 +/-0.1
4.84 11.09
+/-0.1 +/-0.1
3.28 7.44
2.63 100.0 14.13
4.63 11.00
2.74 7.31
+/-0.0 +/-0.0
2.28 100.0 8.77
+/-0.0 +/-0.1 +/-0.0
3.23 5.29
+/-0.0 +/-0.0
3.38 7.16
2.16 100.0 8.91
2.76 5.45
2.85 7.64
+/-0.0 +/-0.0
2.30 100.0 6.27
+/-0.0 +/-0.1 +/-0.0
2.69 3.28
+/-0.0 +/-0.0
3.34 6.86
1.72 100.0 6.18
1.73 3.15


PLATE=8672 MJD=57504 Spectro-Photo Star Bundle 56 Fiber 130
BOSZ_m08cp00op00t6000g45v20
Lines χ^2/DOF= 2.51
Fe/H=−0.8 T_{eff}= 6000. g=4.5 cz= −0.
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
4.99 +/-0.1
11.00 +/-0.1
2.79 +/-0.1
100.0 +/-0.2
9.24 +/-0.1
3.13 +/-0.1
4.86 +/-0.1
5.59
10.67
2.83
100.0
9.61
2.67
4.81
5.71 +/-0.0
10.00 +/-0.0
3.14 +/-0.0
100.0 +/-0.1
5.19 +/-0.0
2.46 +/-0.0
2.64 +/-0.0
6.18
9.77
2.58
100.0
5.79
1.76
2.63
6.09 +/-0.0
9.40 +/-0.0
3.32 +/-0.0
100.0 +/-0.1
3.66 +/-0.0
2.12 +/-0.0
1.90 +/-0.0
6.52
8.88
2.21
100.0
3.84
1.14
1.53


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)