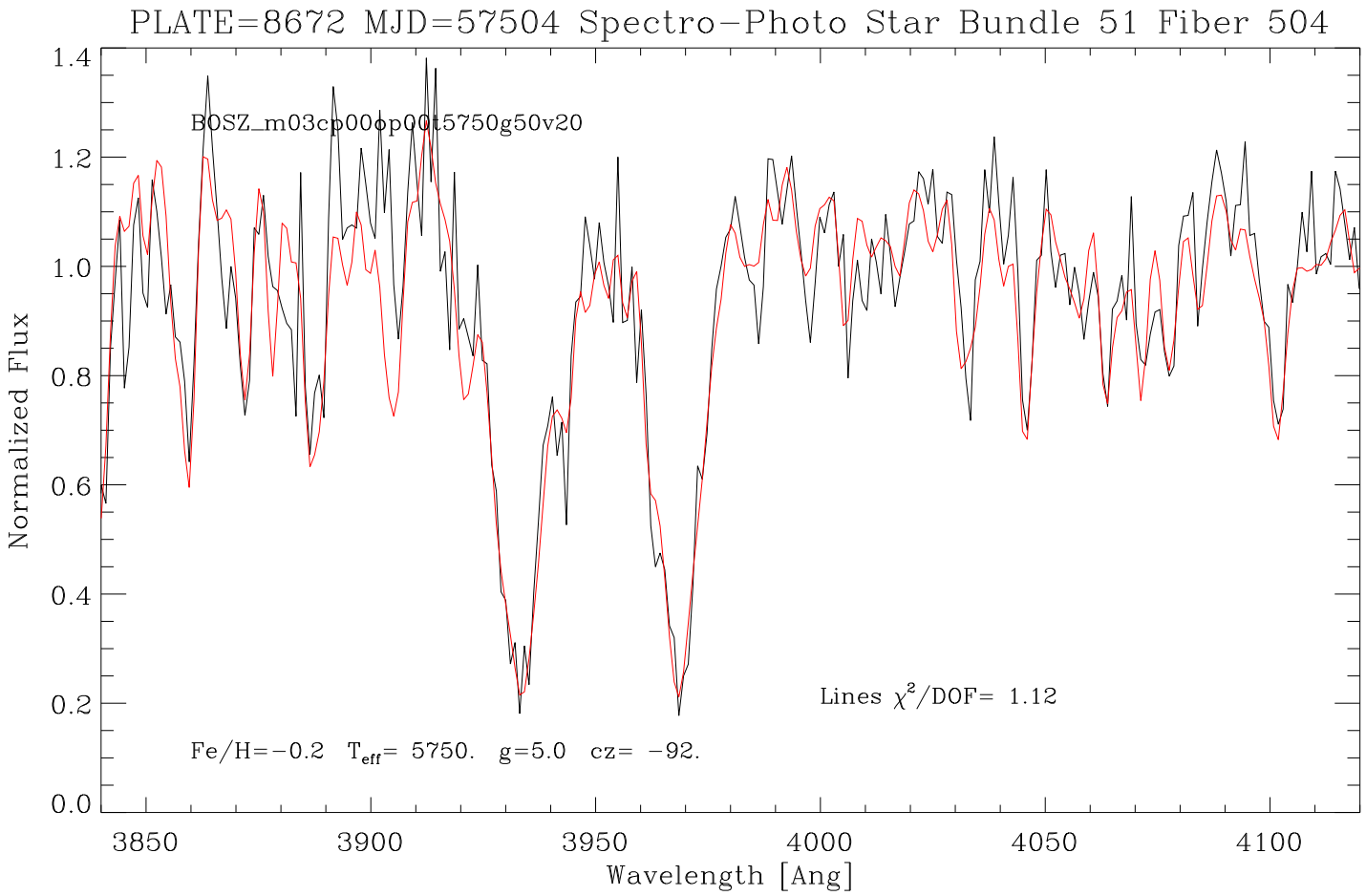
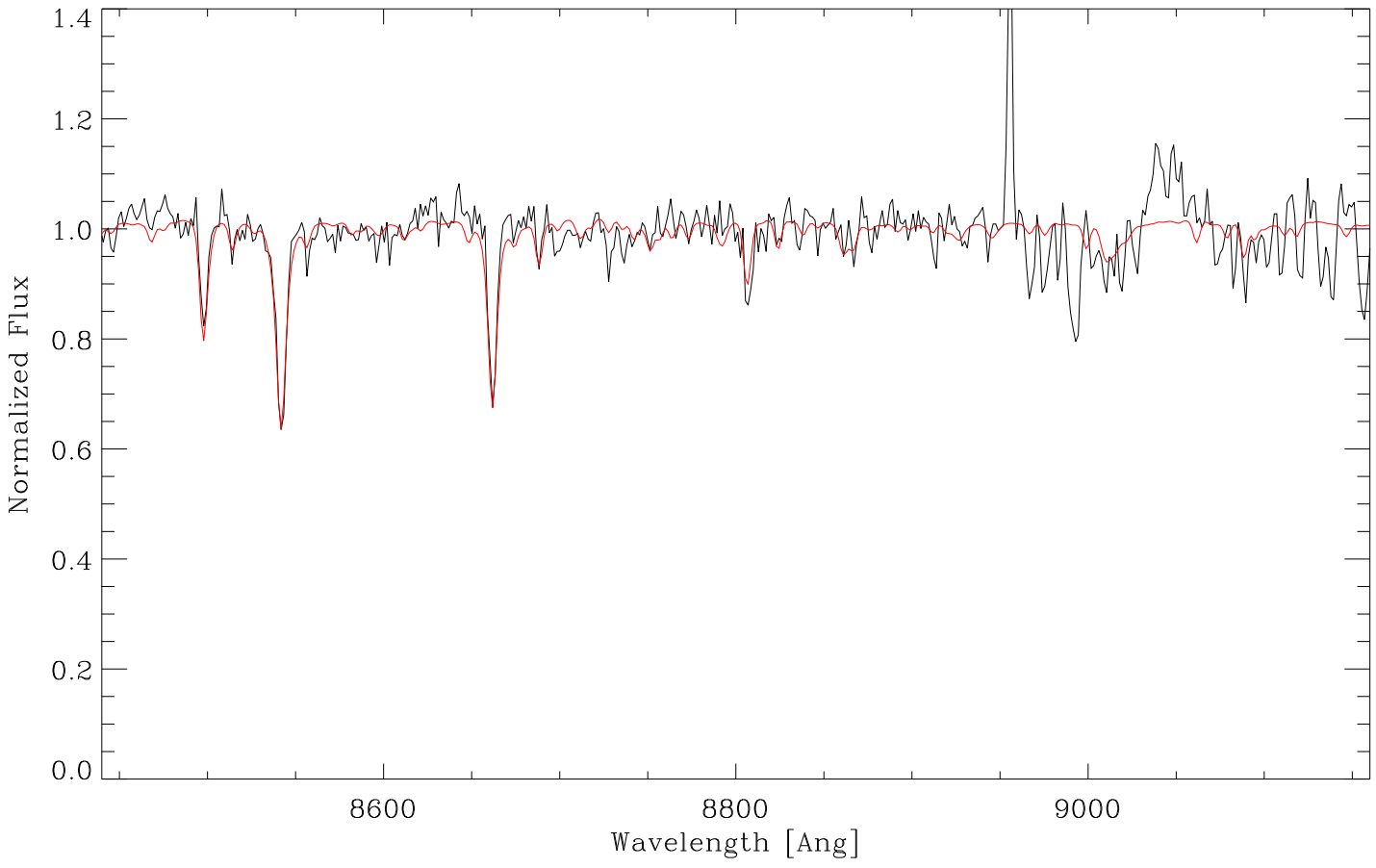
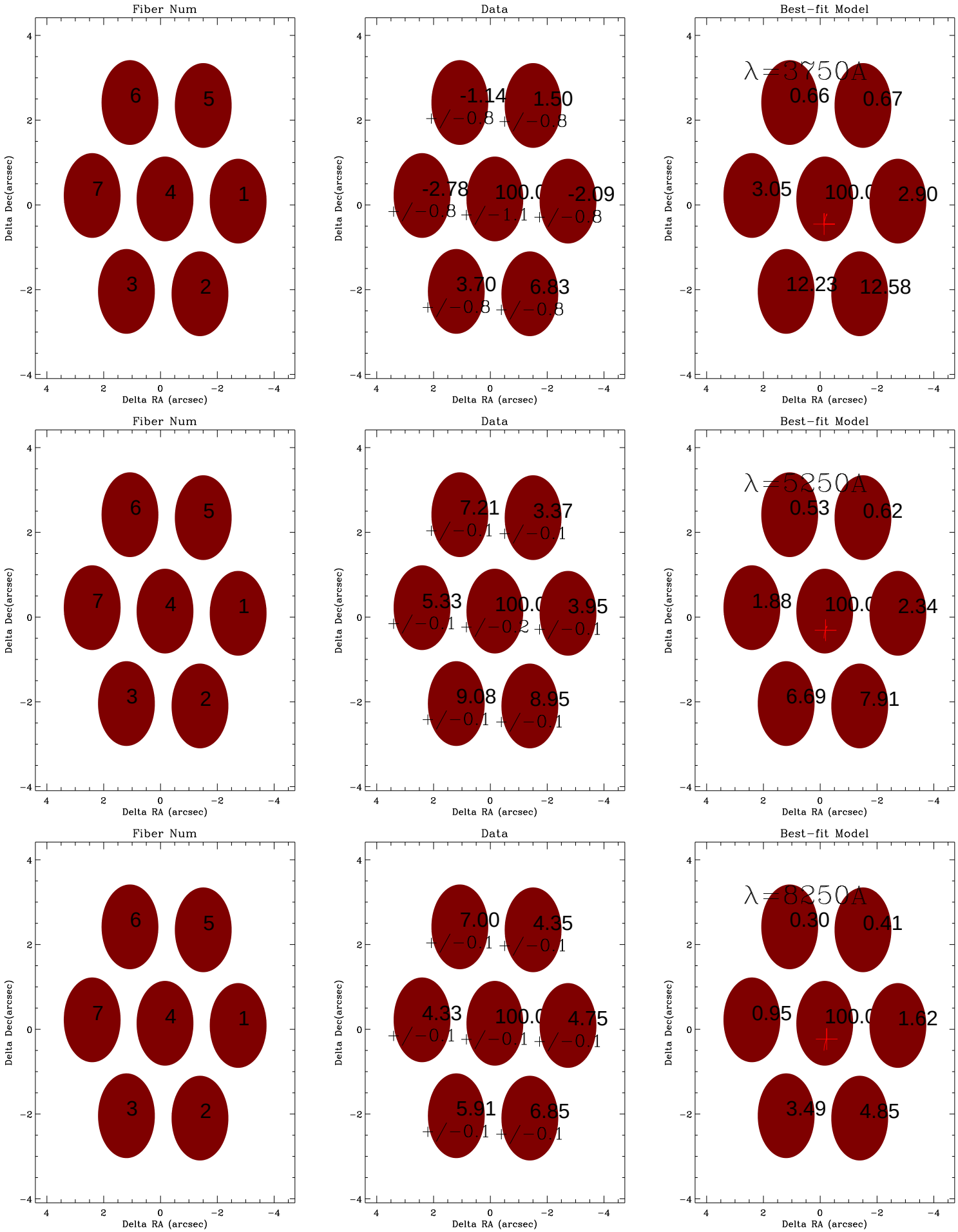
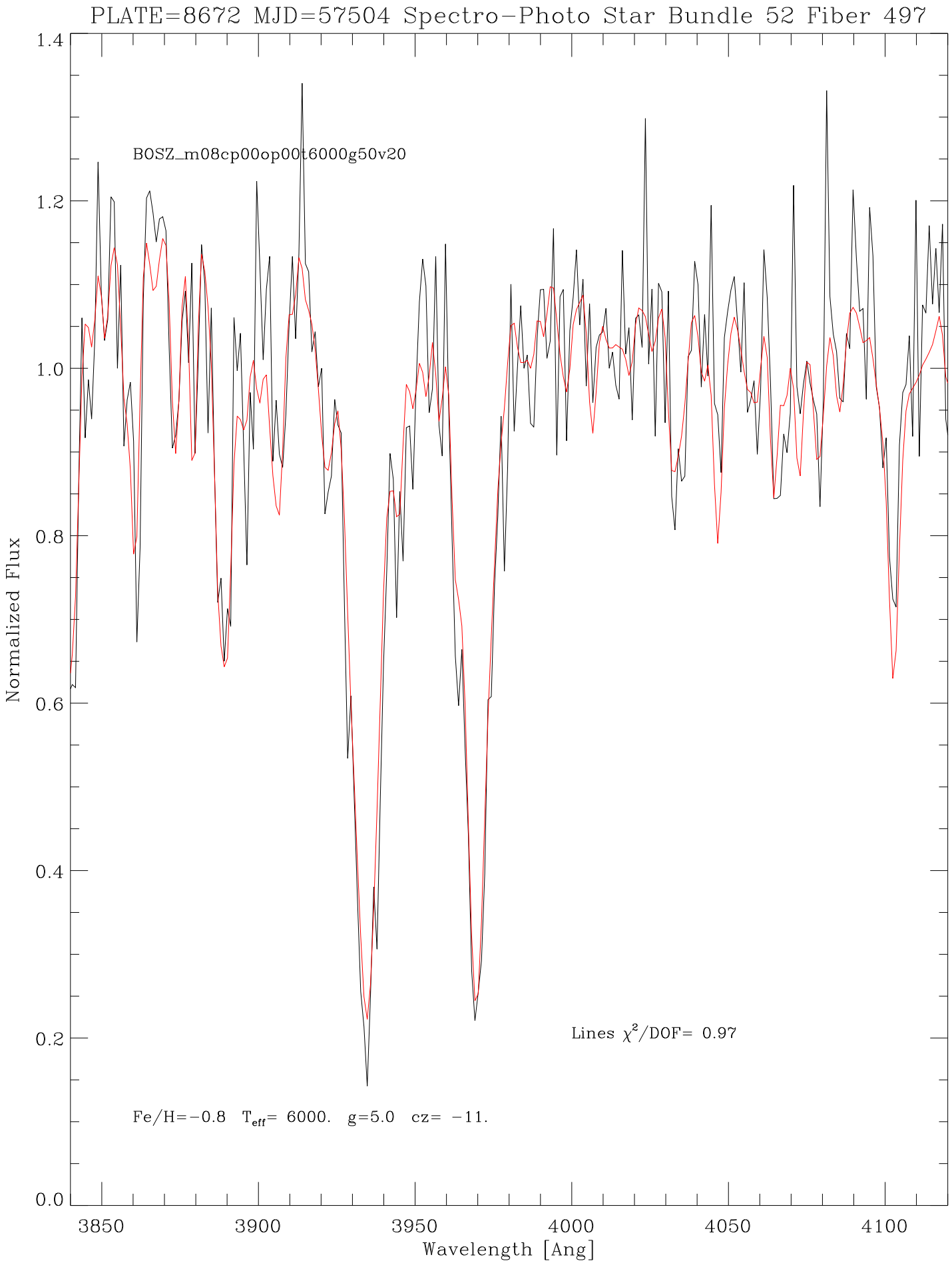
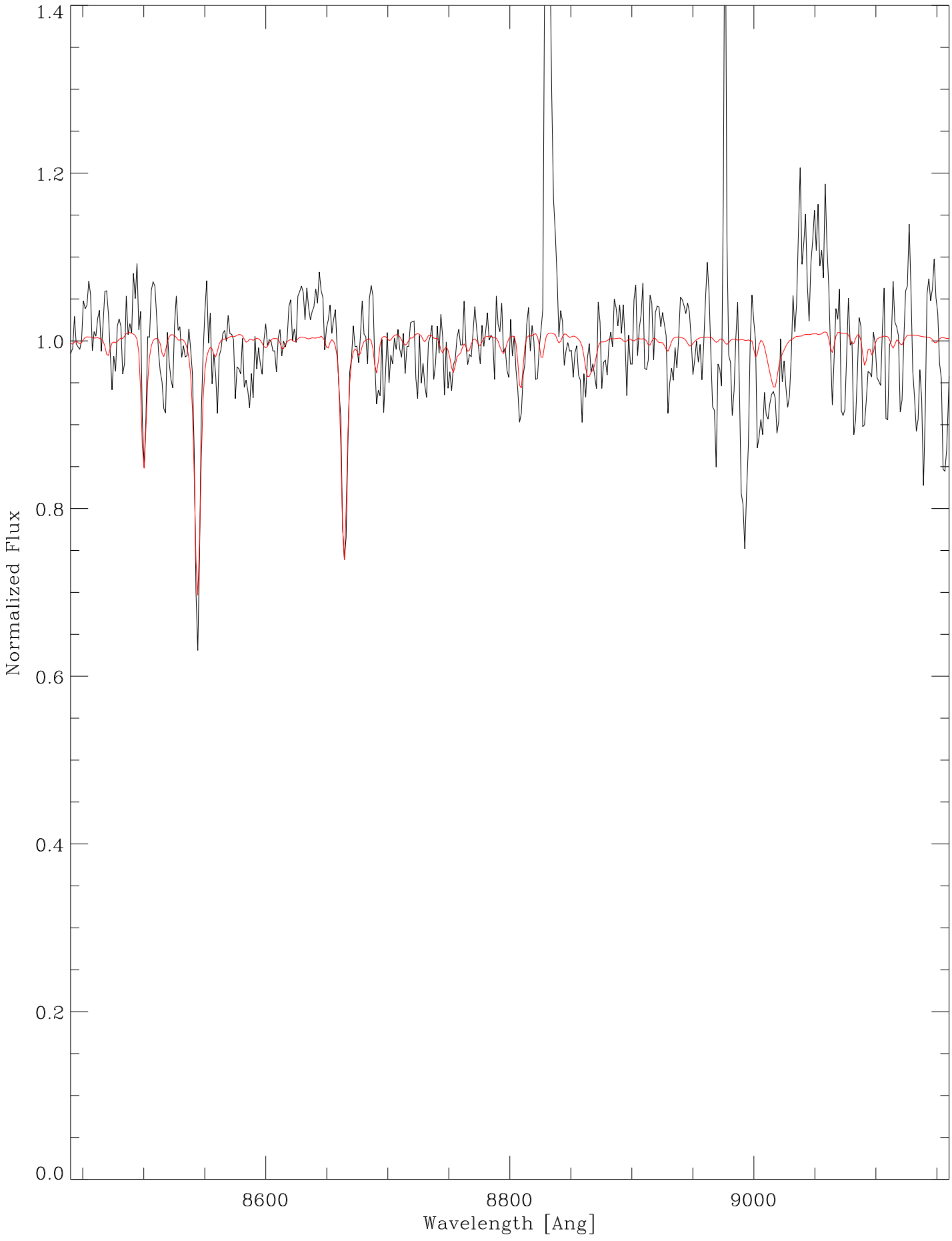
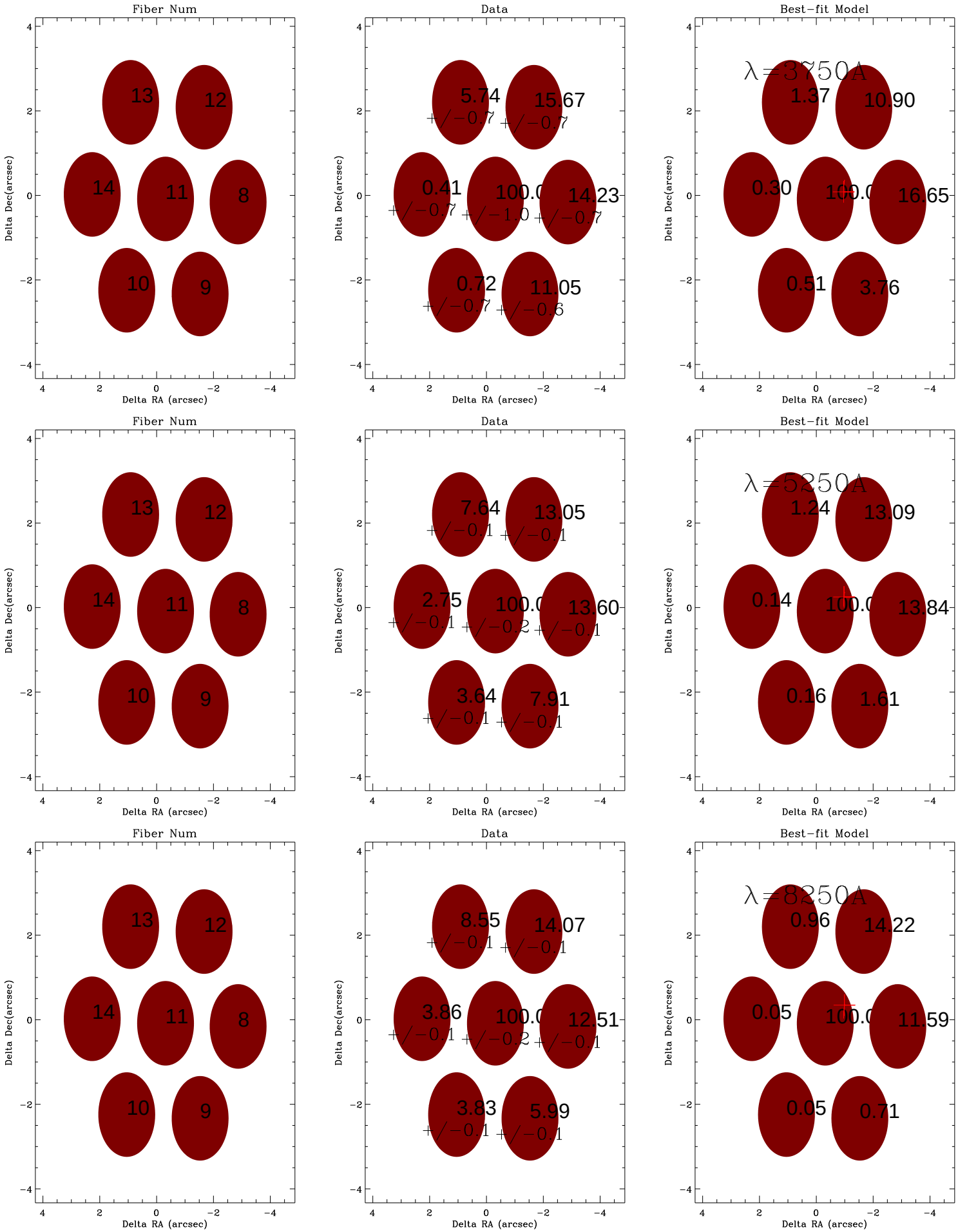

PLATE=8672 MJD=57504 Spectro-Photo Star Bundle 51 Fiber 504
BOSZ_m03cp00op00t5750g50v20
Lines χ²/DOF= 1.12
Fe/H=−0.2 T_eff= 5750. g=5.0 cz= −92.
Normalized Flux
Wavelength [Ang]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
3850
3900
3950
4000
4050
4100

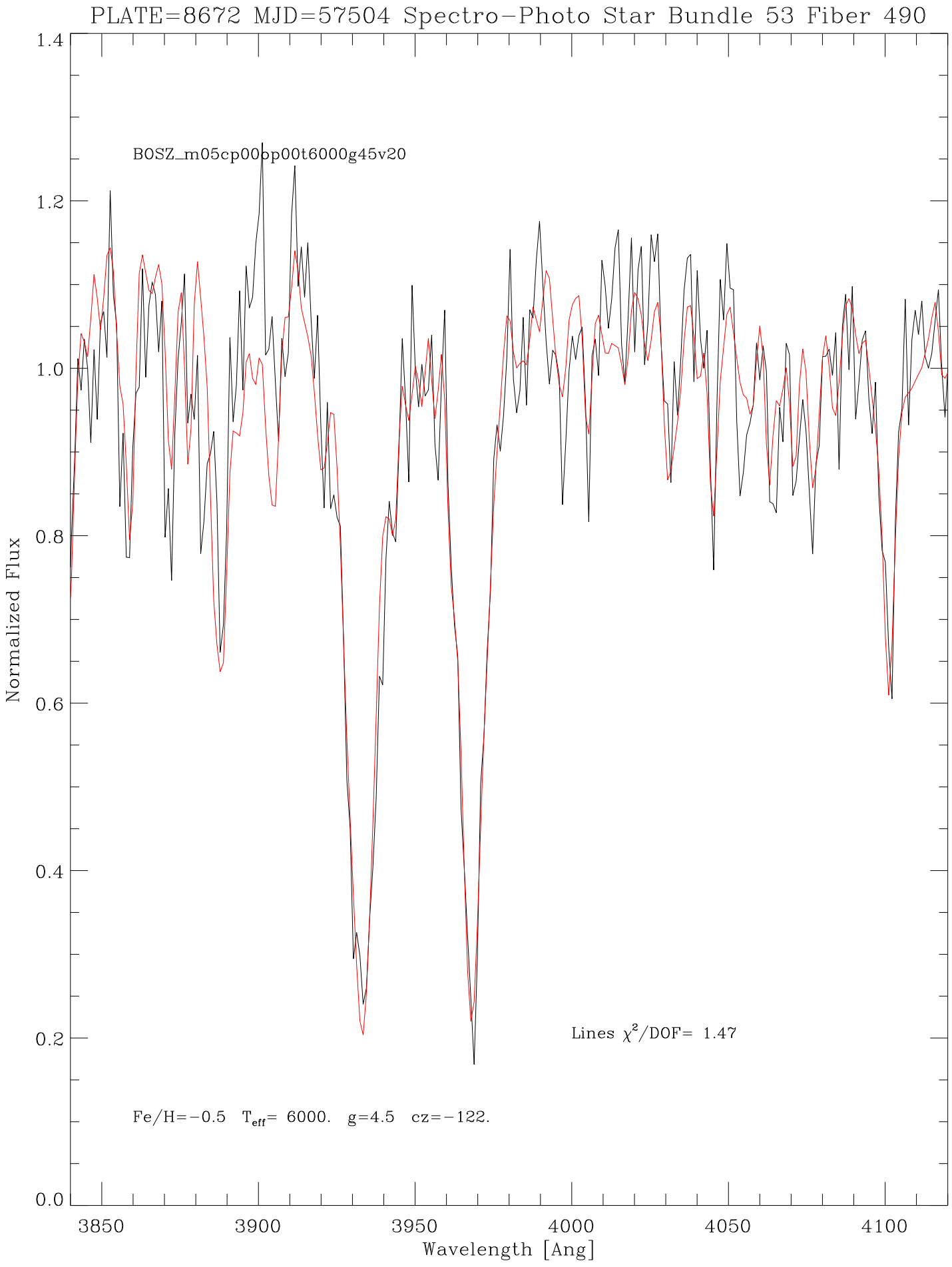

Normalized Flux
Wavelength [Ang]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
8600
8800
9000

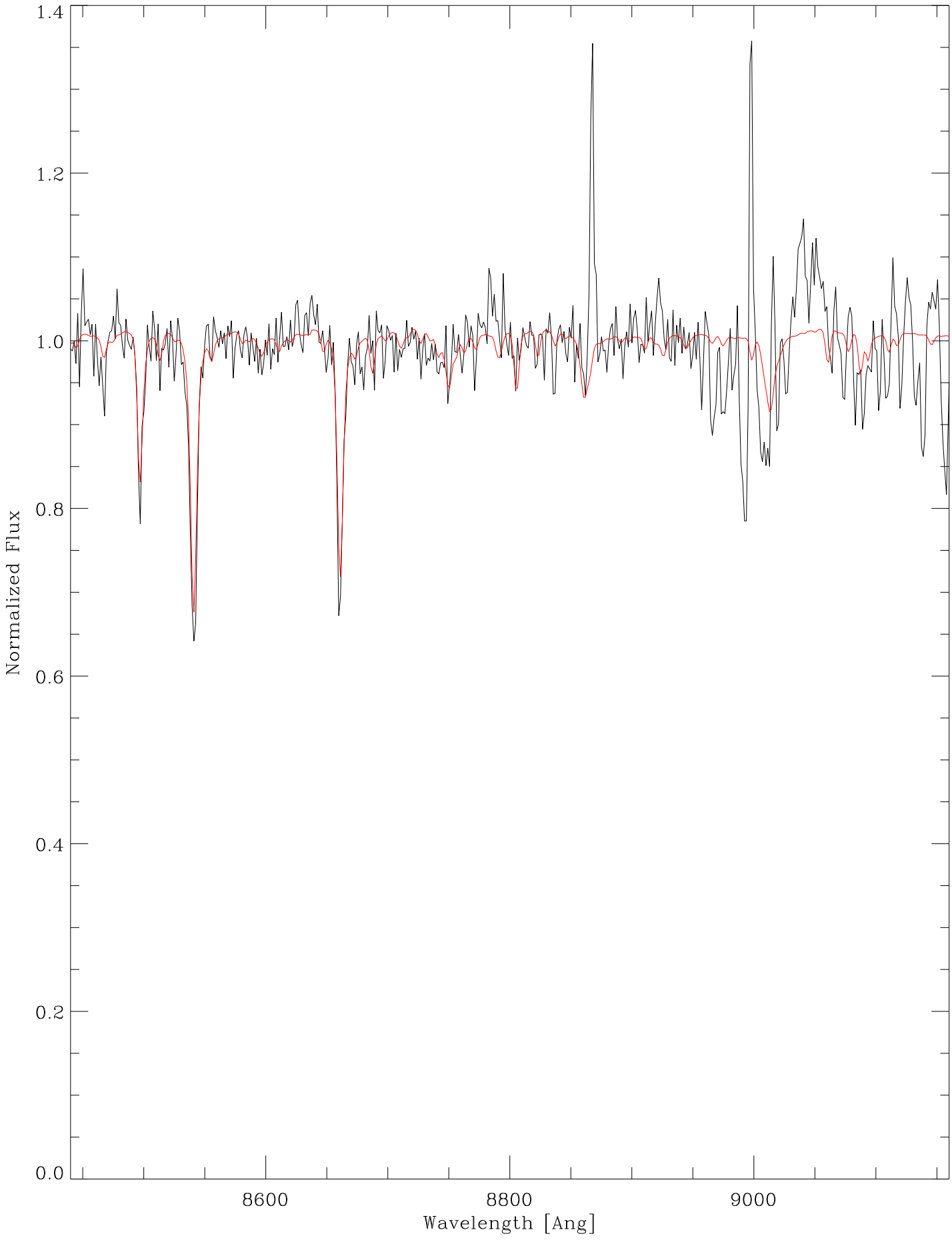

Fiber Num
Data
Best-fit Model
Delta Dec(arcsec)
Delta RA (arcsec)
6
5
7
4
1
3
2
-1.14
+/-0.8
1.50
+/-0.8
-2.78
+/-0.8
100.0
+/-1.1
-2.09
+/-0.8
3.70
+/-0.8
6.83
+/-0.8
λ=3750A
0.66
0.67
3.05
100.0
2.90
12.23
12.58
7.21
+/-0.1
3.37
+/-0.1
5.33
+/-0.1
100.0
+/-0.2
3.95
+/-0.1
9.08
+/-0.1
8.95
+/-0.1
λ=5250A
0.53
0.62
1.88
100.0
2.34
6.69
7.91
7.00
+/-0.1
4.35
+/-0.1
4.33
+/-0.1
100.0
+/-0.1
4.75
+/-0.1
5.91
+/-0.1
6.85
+/-0.1
λ=8250A
0.30
0.41
0.95
100.0
1.62
3.49
4.85

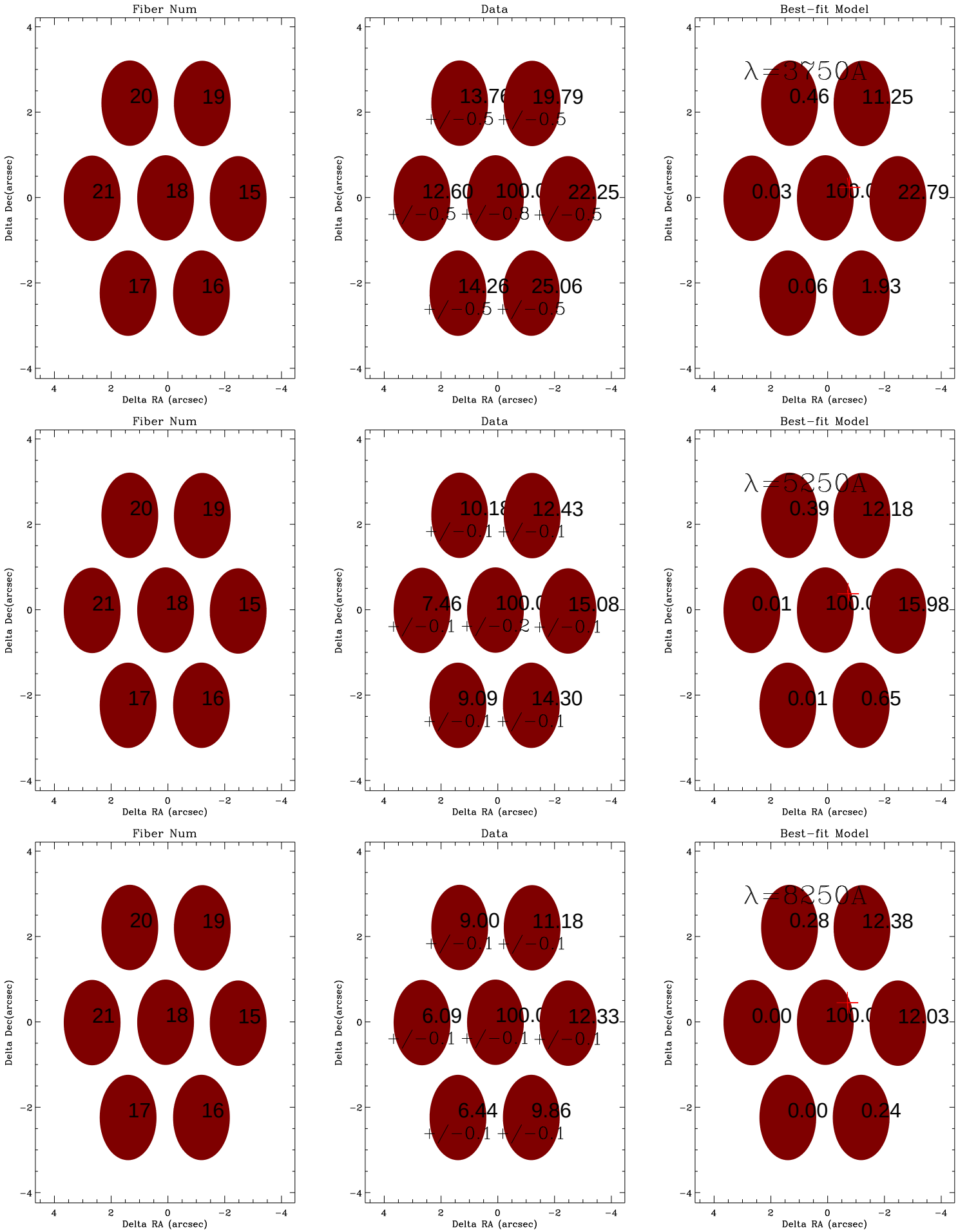

PLATE=8672 MJD=57504 Spectro-Photo Star Bundle 52 Fiber 497
BOSZ_m08cp00op00t6000g50v20
Lines χ^2/DOF= 0.97
Fe/H=−0.8 T_{eff}= 6000. g=5.0 cz= −11.
Normalized Flux
Wavelength [Ang]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
3850
3900
3950
4000
4050
4100

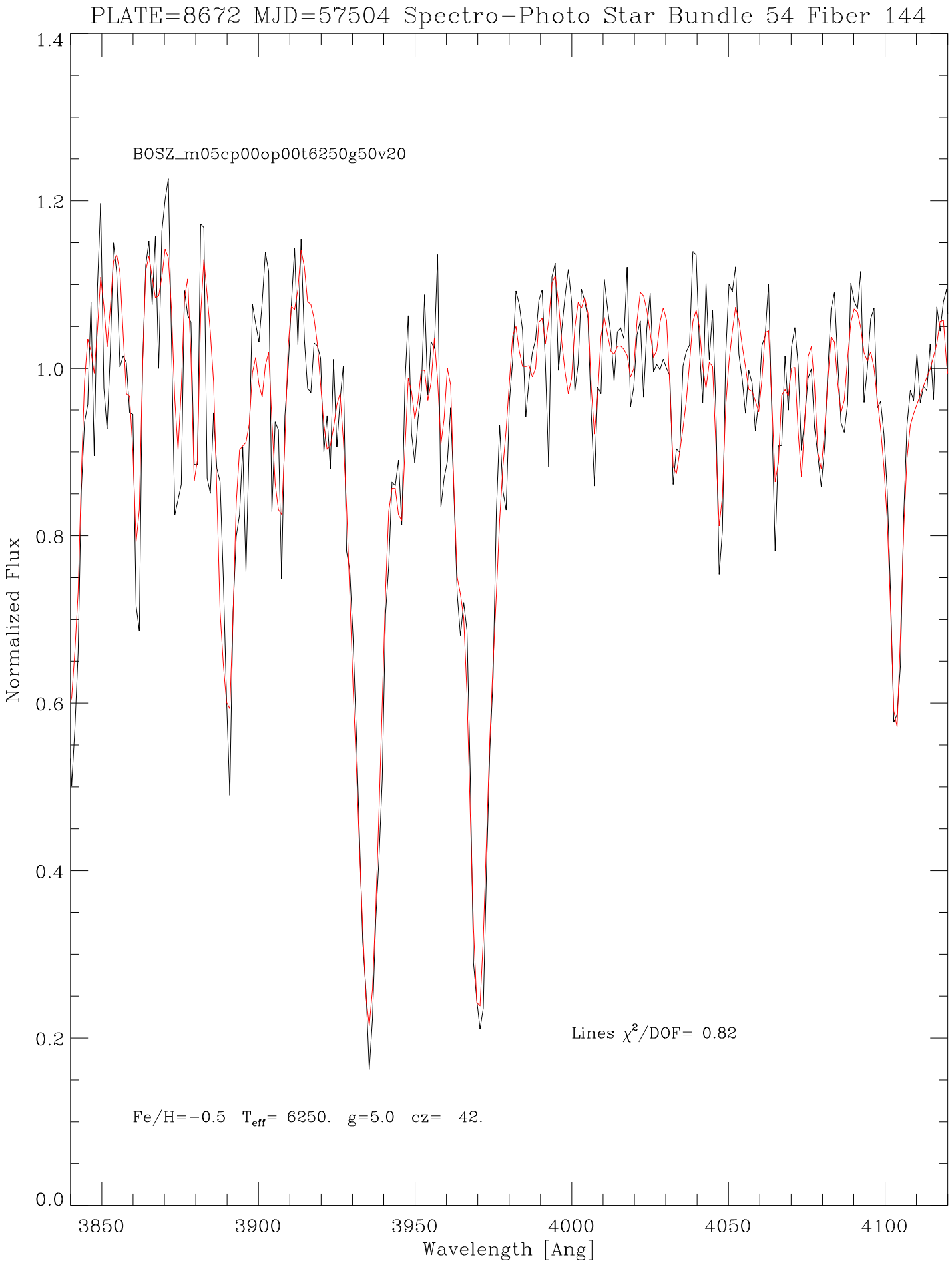

1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Normalized Flux
8600
8800
9000
Wavelength [Ang]

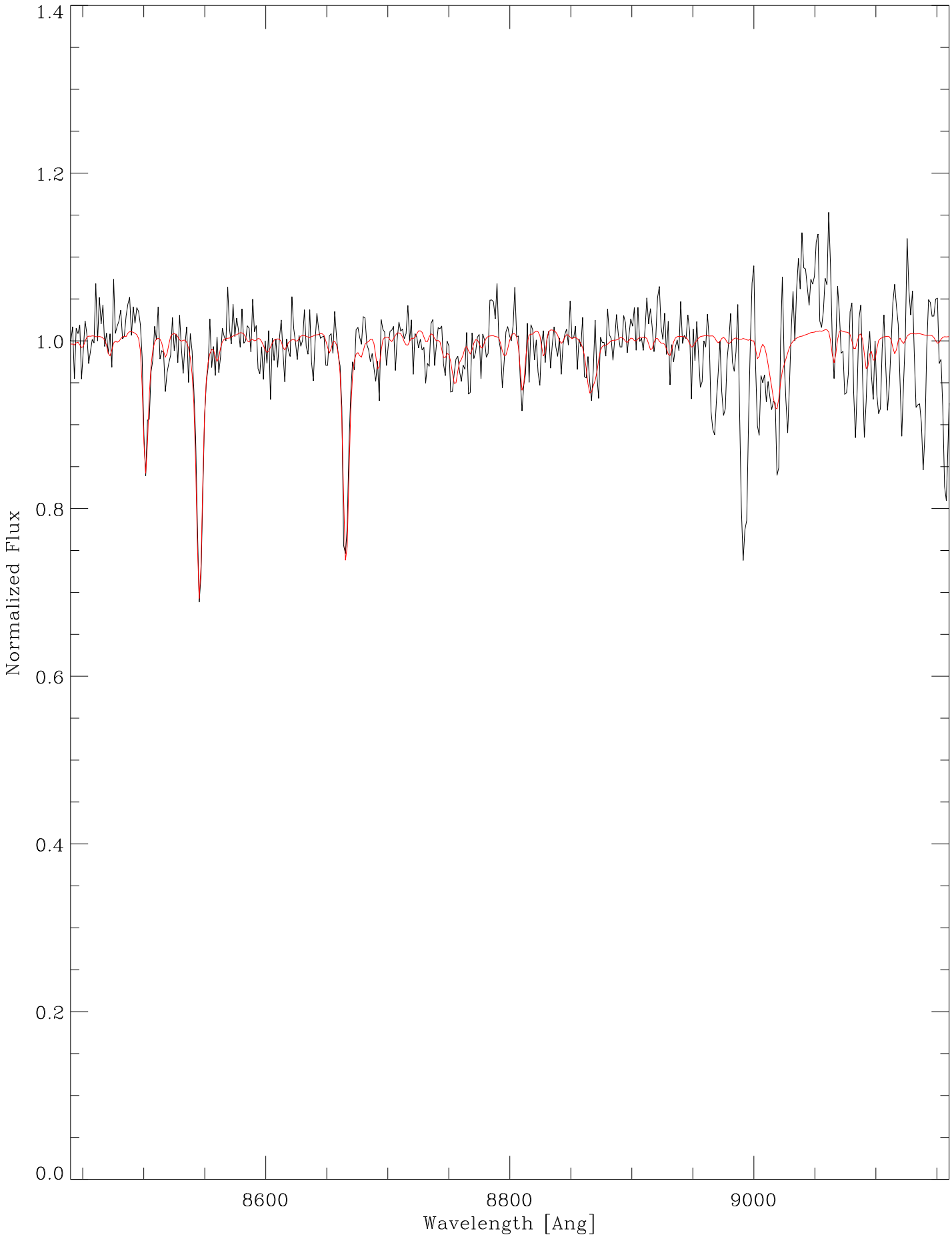

Fiber Num
Data
Best-fit Model
Delta Dec(arcsec)
Delta RA (arcsec)
13
12
14
11
8
10
9
5.74 +/-0.7
15.67 +/-0.7
0.41 +/-0.7
100.0 +/-1.0
14.23 +/-0.7
0.72 +/-0.7
11.05 +/-0.6
λ=3750A
1.37
10.90
0.30
16.65
0.51
3.76
7.64 +/-0.1
13.05 +/-0.1
2.75 +/-0.1
13.60 +/-0.1
3.64 +/-0.1
7.91 +/-0.1
λ=5250A
1.24
13.09
0.14
13.84
0.16
1.61
8.55 +/-0.1
14.07 +/-0.1
3.86 +/-0.1
12.51 +/-0.1
3.83 +/-0.1
5.99 +/-0.1
λ=8250A
0.96
14.22
0.05
11.59
0.05
0.71

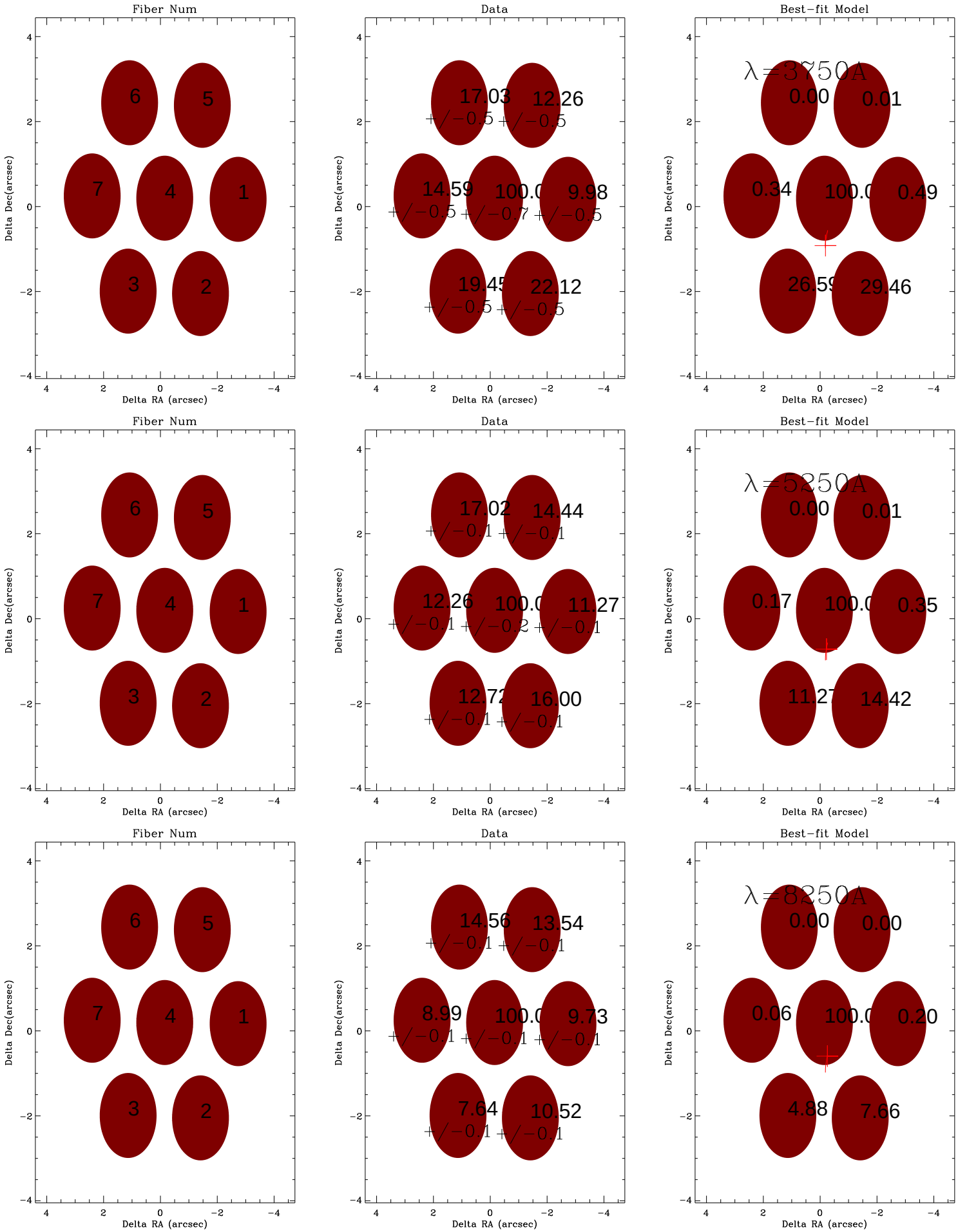

PLATE=8672 MJD=57504 Spectro-Photo Star Bundle 53 Fiber 490
BOSZ_m05cp00bp00t6000g45v20
Normalized Flux
Wavelength [Ang]
Lines χ^2/DOF= 1.47
Fe/H=−0.5 T_{eff}= 6000. g=4.5 cz=−122.
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
3850
3900
3950
4000
4050
4100

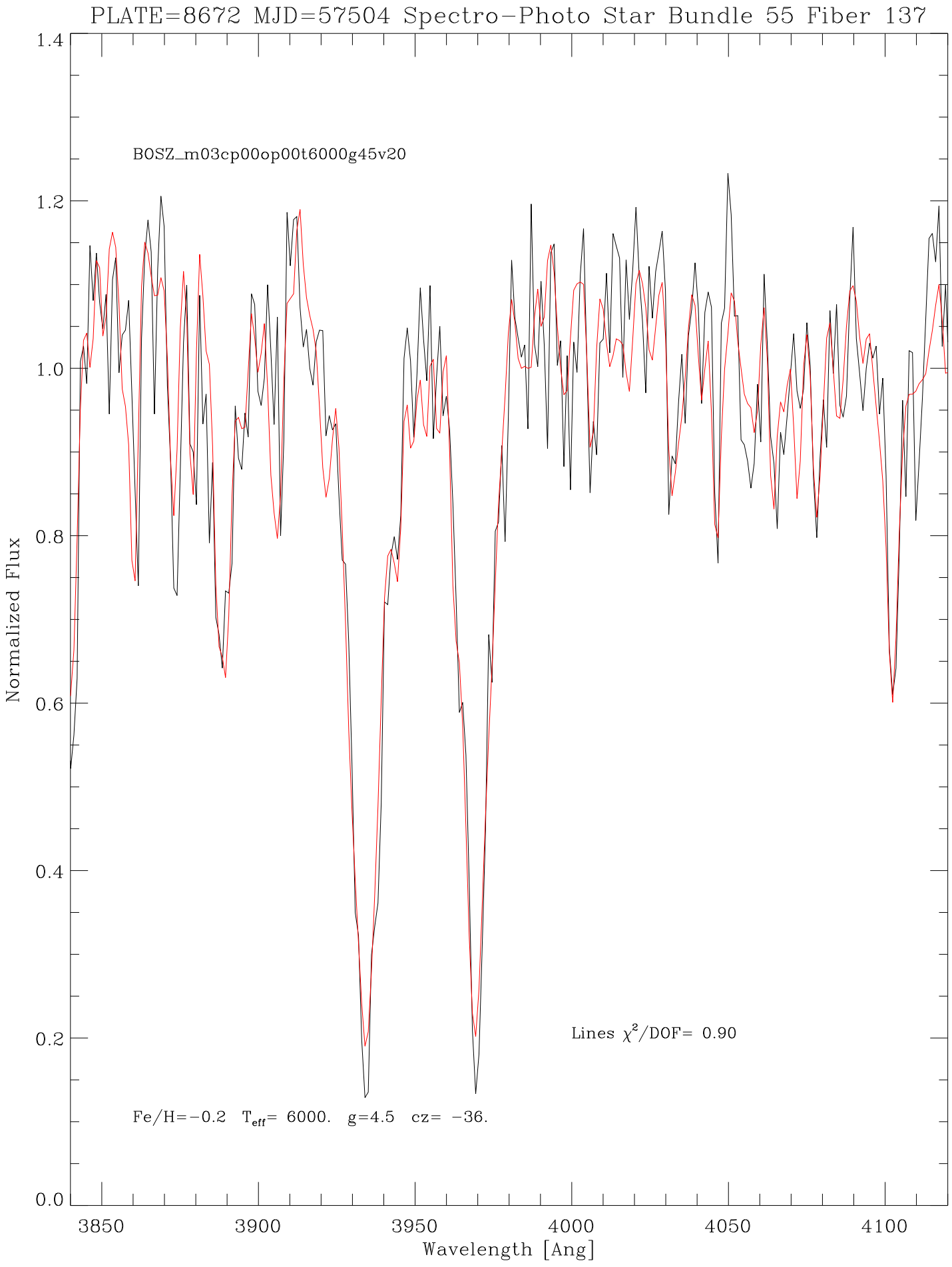

1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Normalized Flux
8600
8800
9000
Wavelength [Ang]

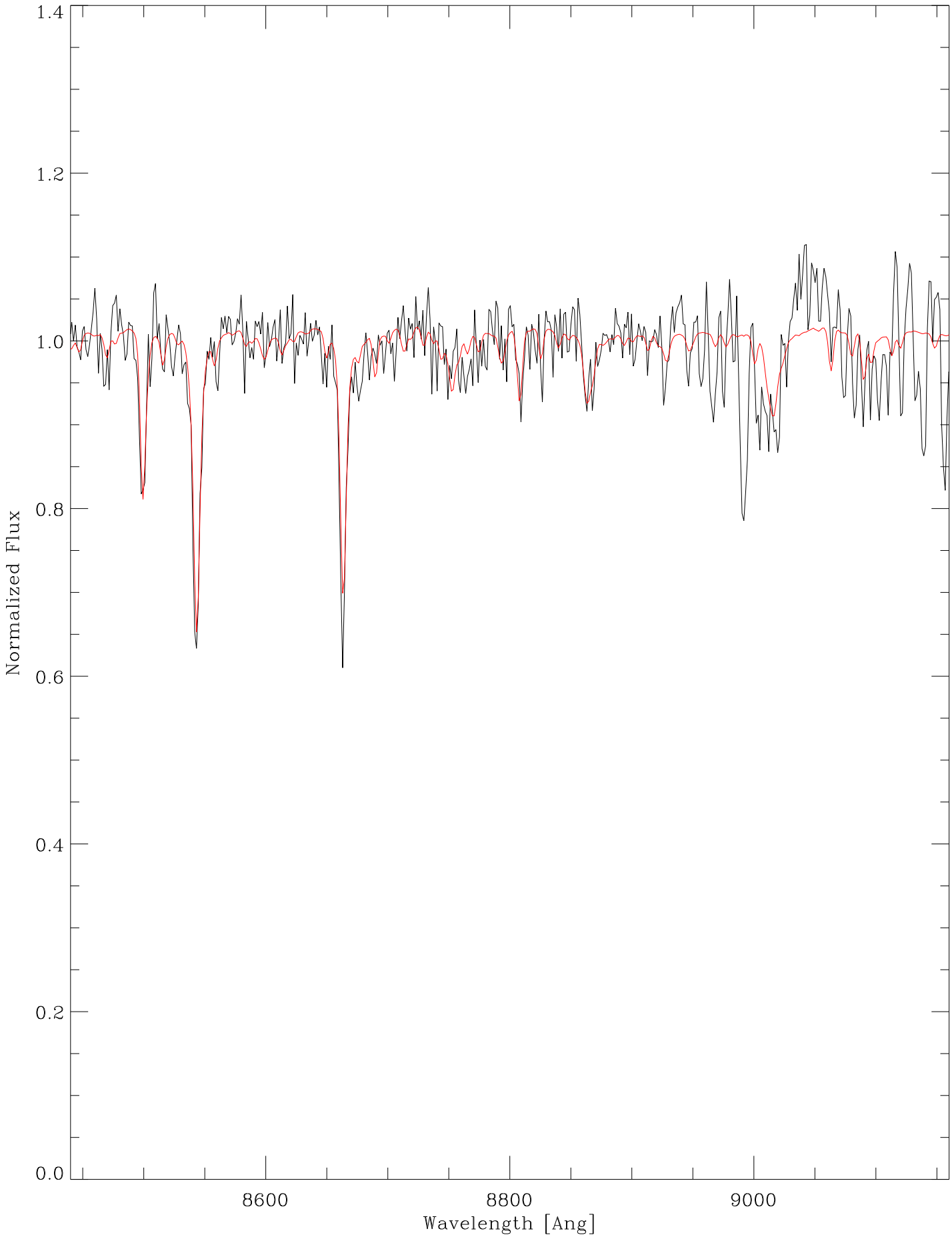

Fiber Num
Data
Best-fit Model
λ=3750A
λ=5250A
λ=8250A
20
19
21
18
15
17
16
13.76 19.79
+/−0.5 +/−0.5
12.60 100.0 22.25
+/−0.5 +/−0.8 +/−0.5
14.26 25.06
+/−0.5 +/−0.5
0.46 11.25
0.03 100.0 22.79
0.06 1.93
10.18 12.43
+/−0.1 +/−0.1
7.46 100.0 15.08
+/−0.1 +/−0.2 +/−0.1
9.09 14.30
+/−0.1 +/−0.1
0.39 12.18
0.01 100.0 15.98
0.01 0.65
9.00 11.18
+/−0.1 +/−0.1
6.09 100.0 12.33
+/−0.1 +/−0.1 +/−0.1
6.44 9.86
+/−0.1 +/−0.1
0.28 12.38
0.00 100.0 12.03
0.00 0.24
Delta Dec(arcsec)
Delta RA (arcsec)

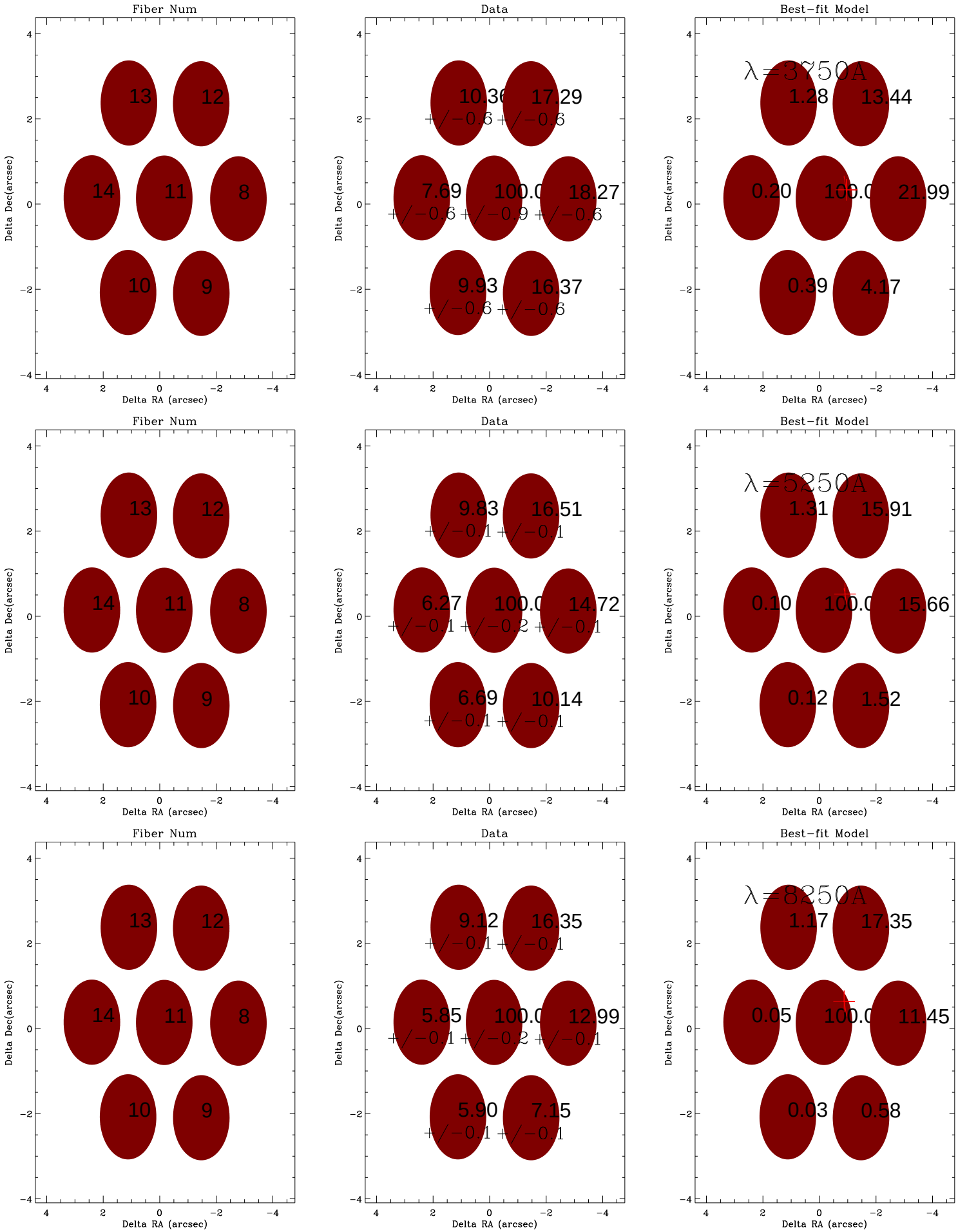

PLATE=8672 MJD=57504 Spectro-Photo Star Bundle 54 Fiber 144
BOSZ_m05cp00op00t6250g50v20
Normalized Flux
Wavelength [Ang]
Lines χ^2/DOF= 0.82
Fe/H=−0.5 T_{eff}= 6250. g=5.0 cz= 42.
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
3850
3900
3950
4000
4050
4100

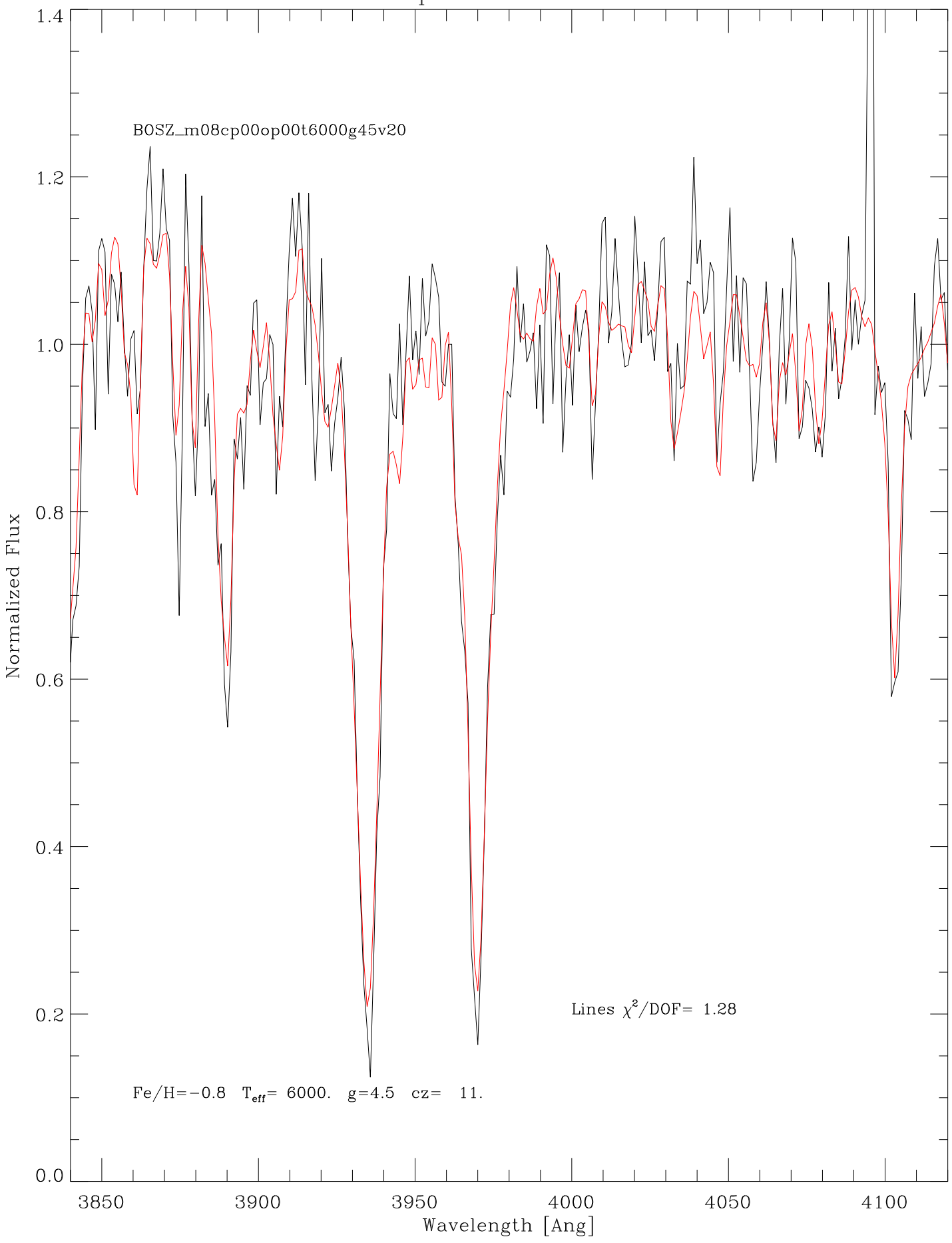

1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Normalized Flux
8600
8800
9000
Wavelength [Ang]

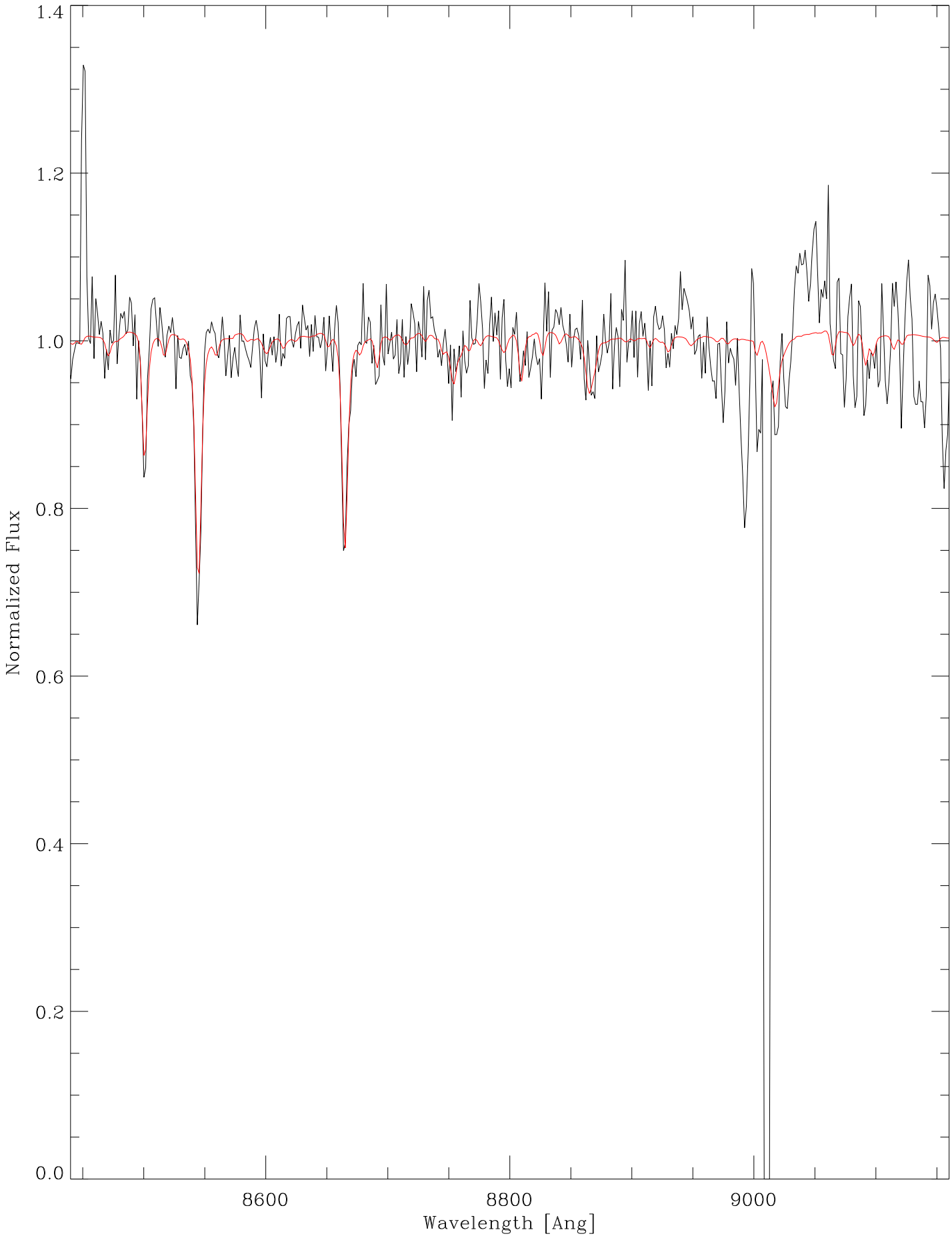

Fiber Num
Data
Best-fit Model
Delta Dec(arcsec)
Delta RA (arcsec)
6
5
7
4
1
3
2
17.03 +/-0.5
12.26 +/-0.5
14.59 +/-0.5
100.0 +/-0.7
9.98 +/-0.5
19.45 +/-0.5
22.12 +/-0.5
λ=3750A
0.00
0.01
0.34
100.0
0.49
26.59
29.46
17.02 +/-0.1
14.44 +/-0.1
12.26 +/-0.1
100.0 +/-0.2
11.27 +/-0.1
12.72 +/-0.1
16.00 +/-0.1
λ=5250A
0.00
0.01
0.17
100.0
0.35
11.27
14.42
14.56 +/-0.1
13.54 +/-0.1
8.99 +/-0.1
100.0 +/-0.1
9.73 +/-0.1
7.64 +/-0.1
10.52 +/-0.1
λ=8250A
0.00
0.00
0.06
100.0
0.20
4.88
7.66

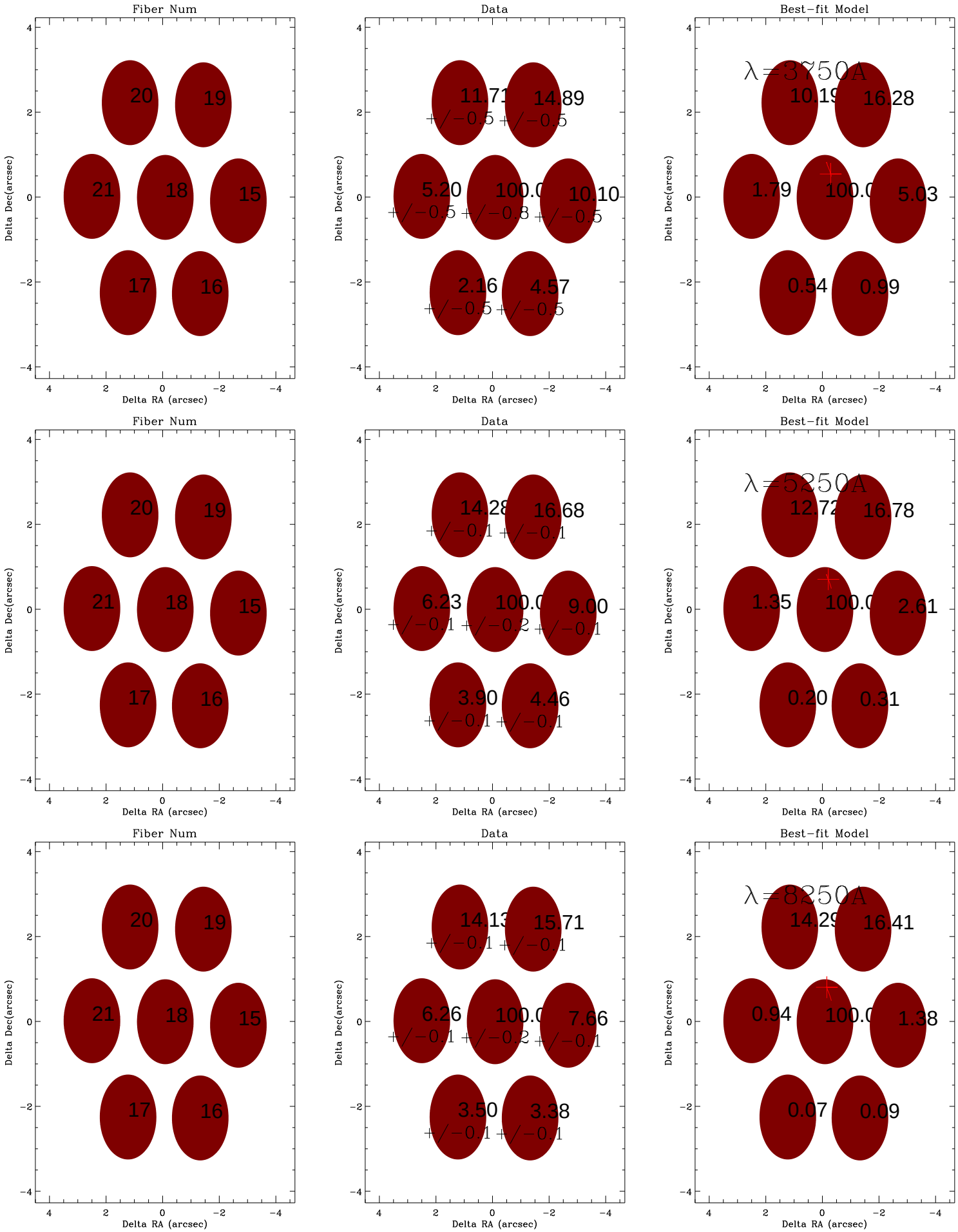

PLATE=8672 MJD=57504 Spectro-Photo Star Bundle 55 Fiber 137
BOSZ_m03cp00op00t6000g45v20
Normalized Flux
Wavelength [Ang]
Lines χ^2/DOF= 0.90
Fe/H=−0.2 T_{eff}= 6000. g=4.5 cz= −36.
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
3850
3900
3950
4000
4050
4100

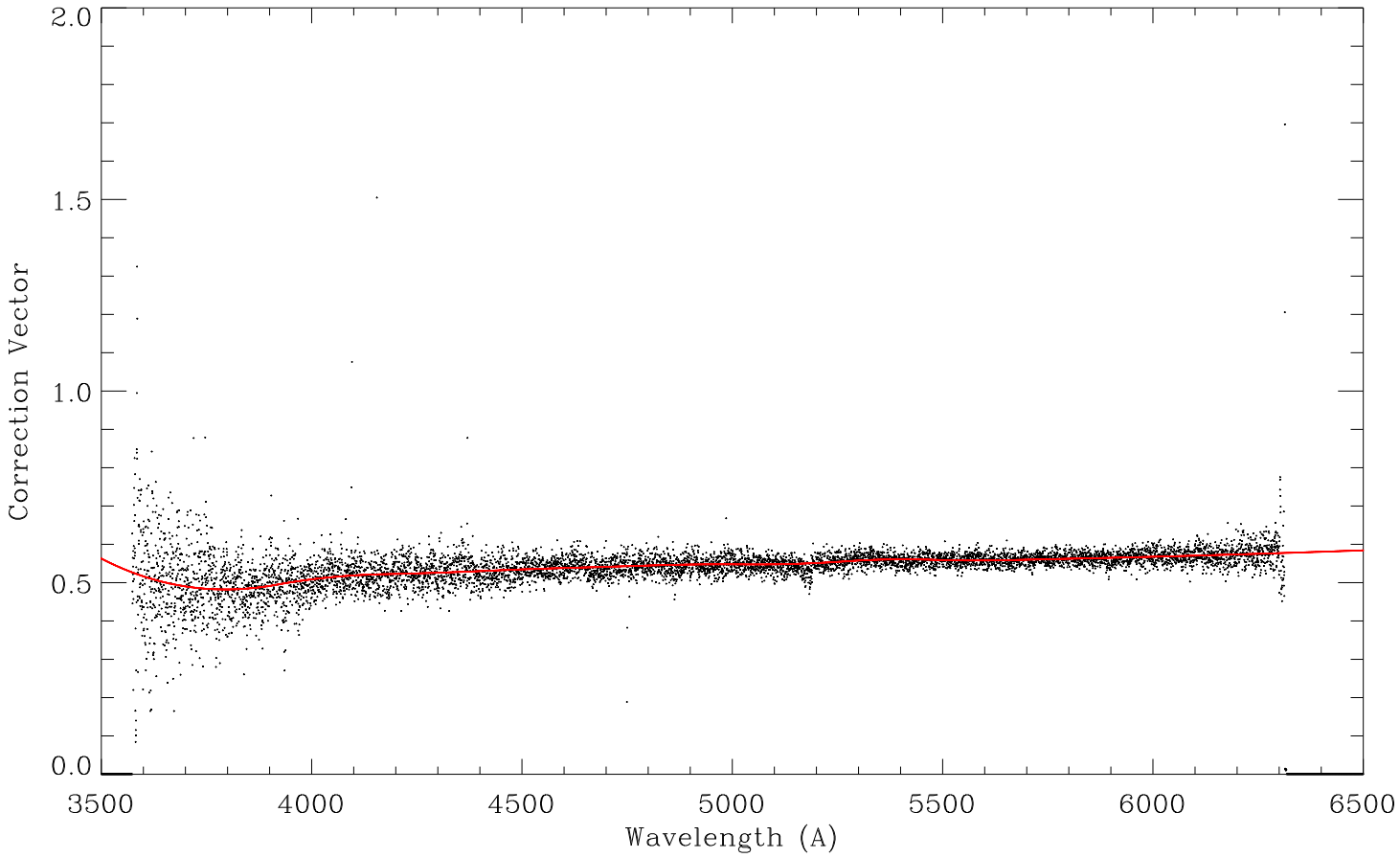

1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Normalized Flux
8600
8800
9000
Wavelength [Ang]

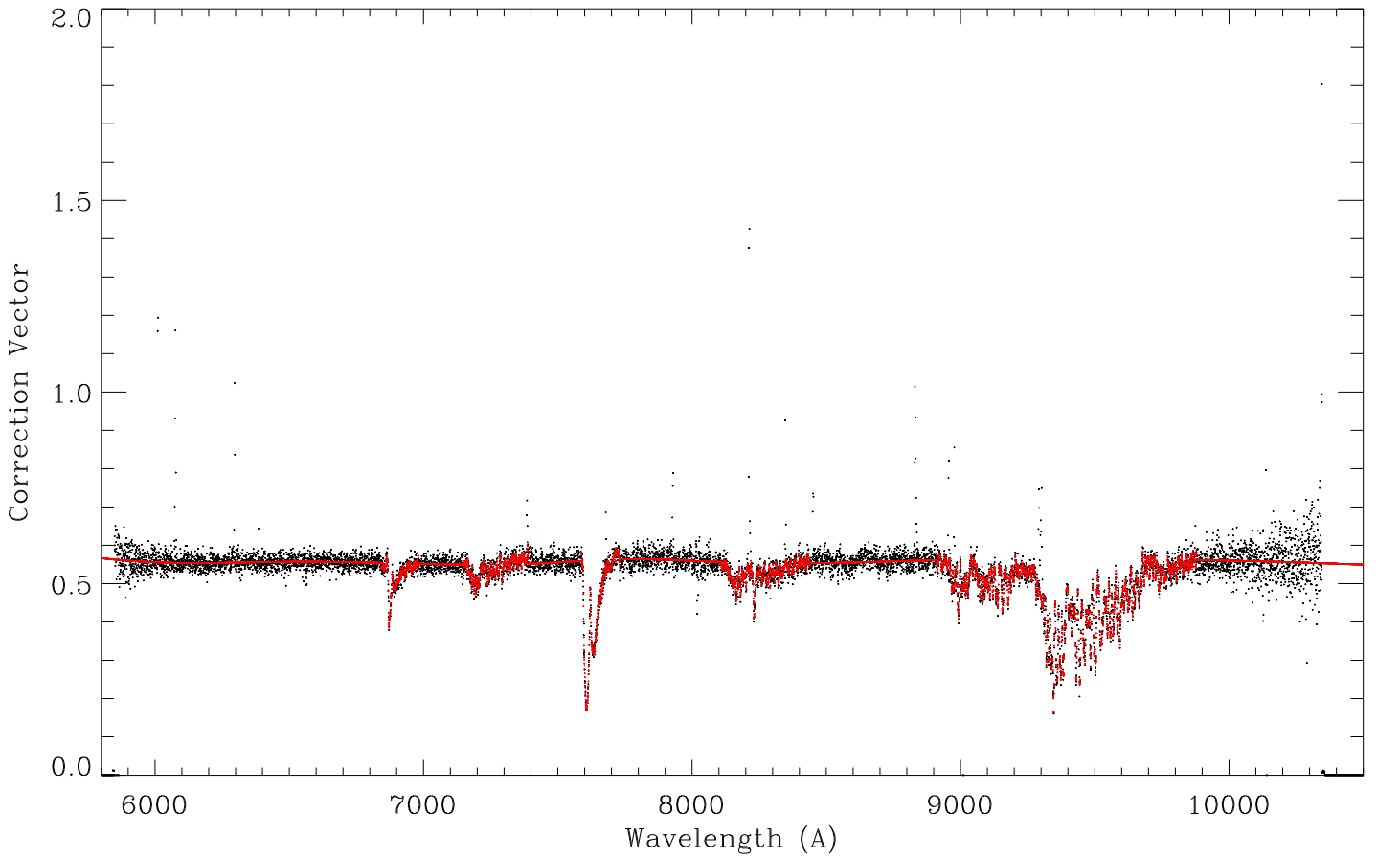

Fiber Num
Data
Best-fit Model
13
12
14
11
8
10
9
10.36 +/-0.6
17.29 +/-0.6
7.69 +/-0.6
100.0 +/-0.9
18.27 +/-0.6
9.93 +/-0.6
16.37 +/-0.6
λ=3750A
1.28
13.44
0.20
100.0
21.99
0.39
4.17
9.83 +/-0.1
16.51 +/-0.1
6.27 +/-0.1
100.0 +/-0.2
14.72 +/-0.1
6.69 +/-0.1
10.14 +/-0.1
λ=5250A
1.31
15.91
0.10
100.0
15.66
0.12
1.52
9.12 +/-0.1
16.35 +/-0.1
5.85 +/-0.1
100.0 +/-0.2
12.99 +/-0.1
5.90 +/-0.1
7.15 +/-0.1
λ=8250A
1.17
17.35
0.05
100.0
11.45
0.03
0.58
Delta Dec(arcsec)
Delta RA (arcsec)
4
2
0
−2
−4


PLATE=8672 MJD=57504 Spectro-Photo Star Bundle 56 Fiber 130
BOSZ_m08cp00op00t6000g45v20
Normalized Flux
Wavelength [Ang]
Lines χ^2/DOF= 1.28
Fe/H=−0.8 T_{eff}= 6000. g=4.5 cz= 11.
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
11.71 +/-0.5
14.89 +/-0.5
5.20 +/-0.5
100.0 +/-0.8
10.10 +/-0.5
2.16 +/-0.5
4.57 +/-0.5
10.19
16.28
1.79
100.0
5.03
0.54
0.99
14.28 +/-0.1
16.68 +/-0.1
6.23 +/-0.1
100.0 +/-0.2
9.00 +/-0.1
3.90 +/-0.1
4.46 +/-0.1
12.72
16.78
1.35
100.0
2.61
0.20
0.31
14.13 +/-0.1
15.71 +/-0.1
6.26 +/-0.1
100.0 +/-0.2
7.66 +/-0.1
3.50 +/-0.1
3.38 +/-0.1
14.29
16.41
0.94
100.0
1.38
0.07
0.09


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)