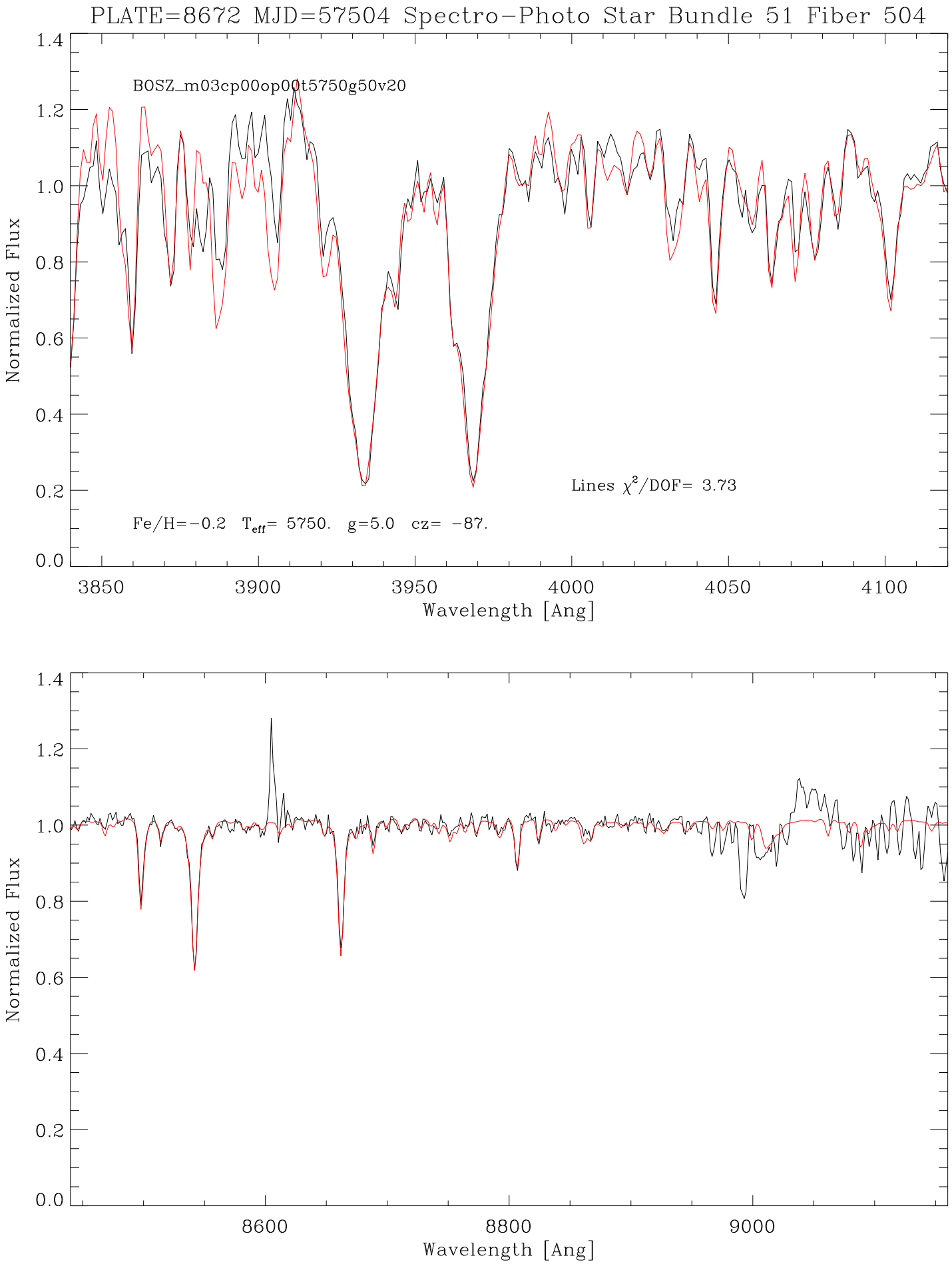
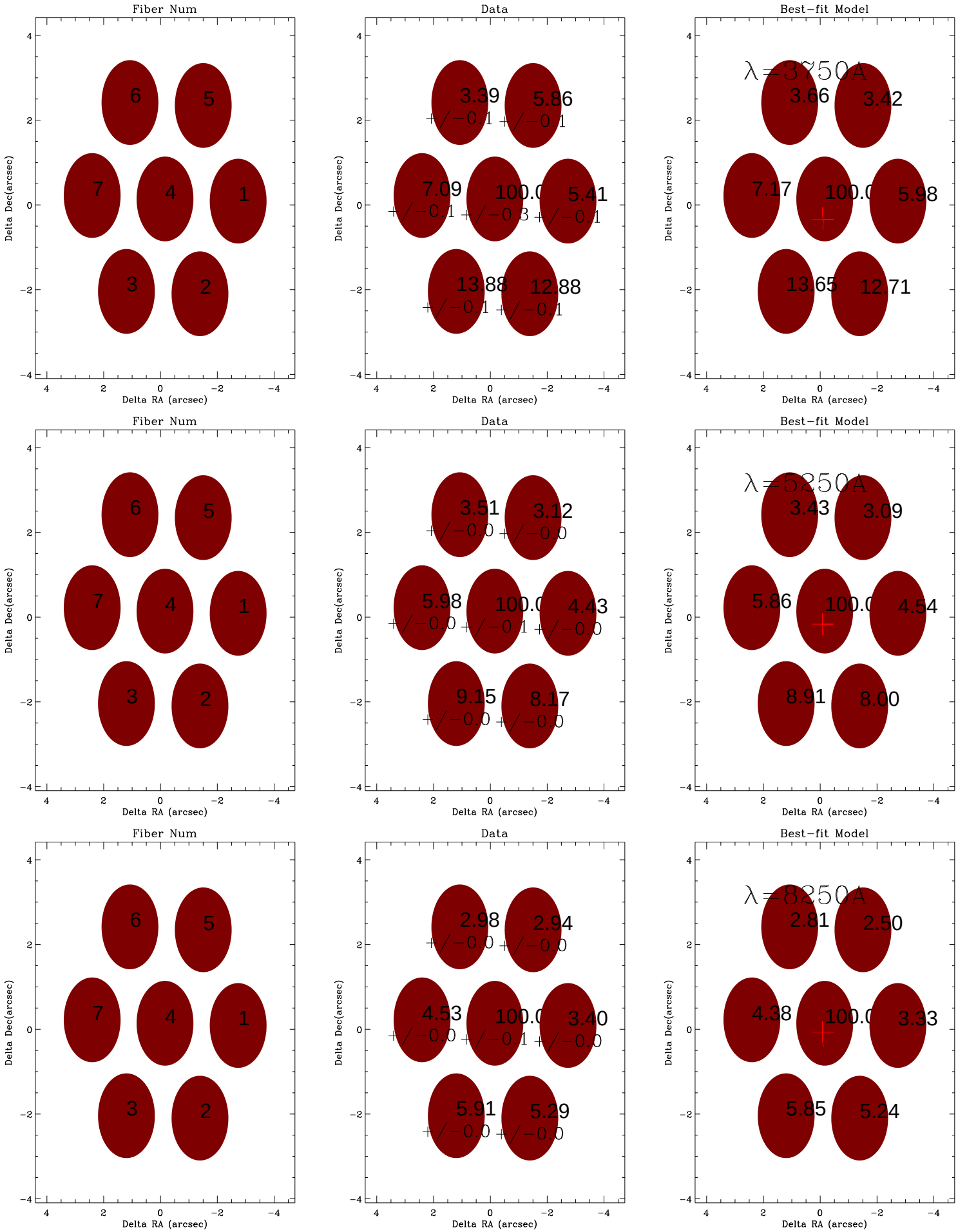
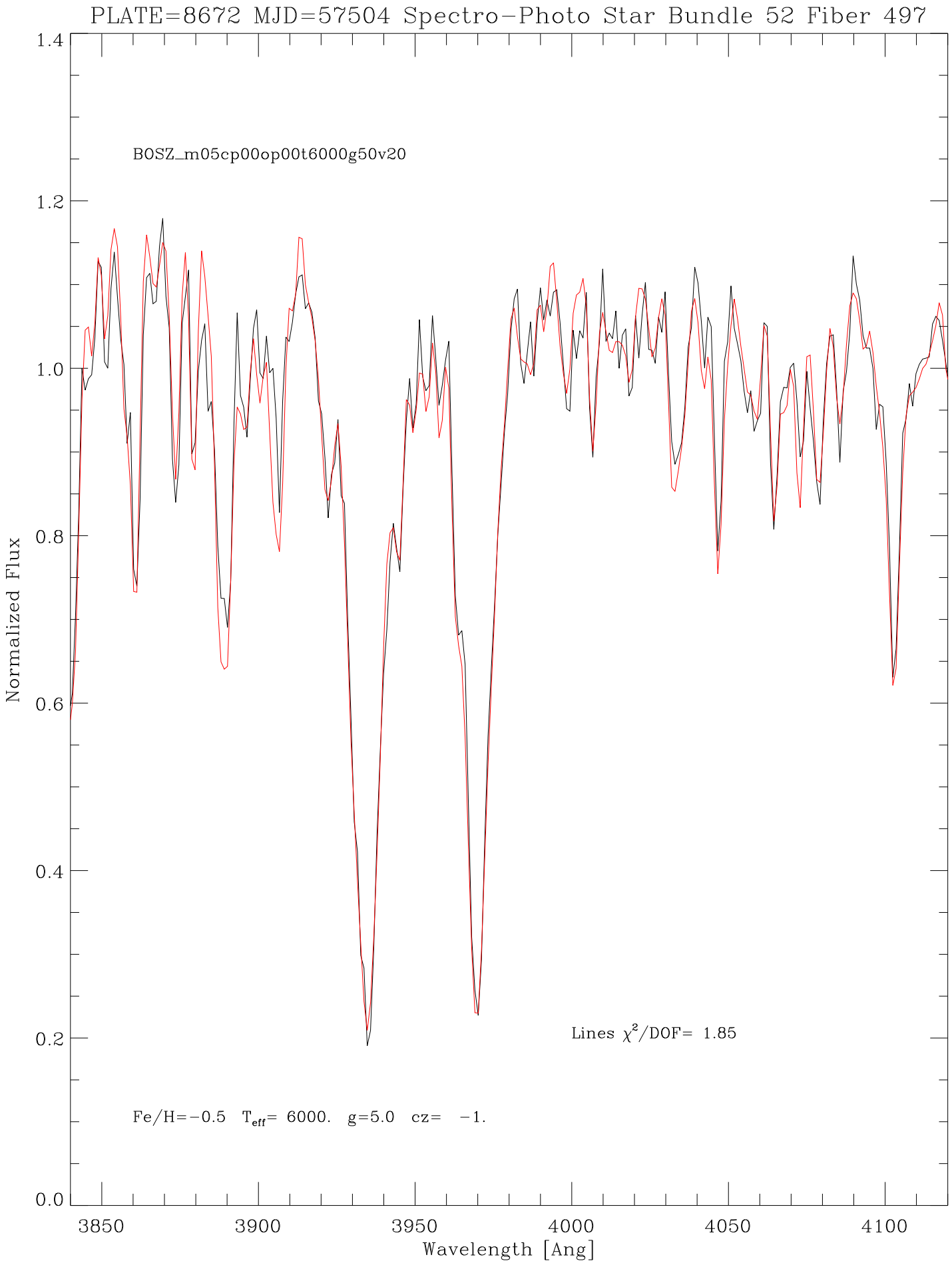
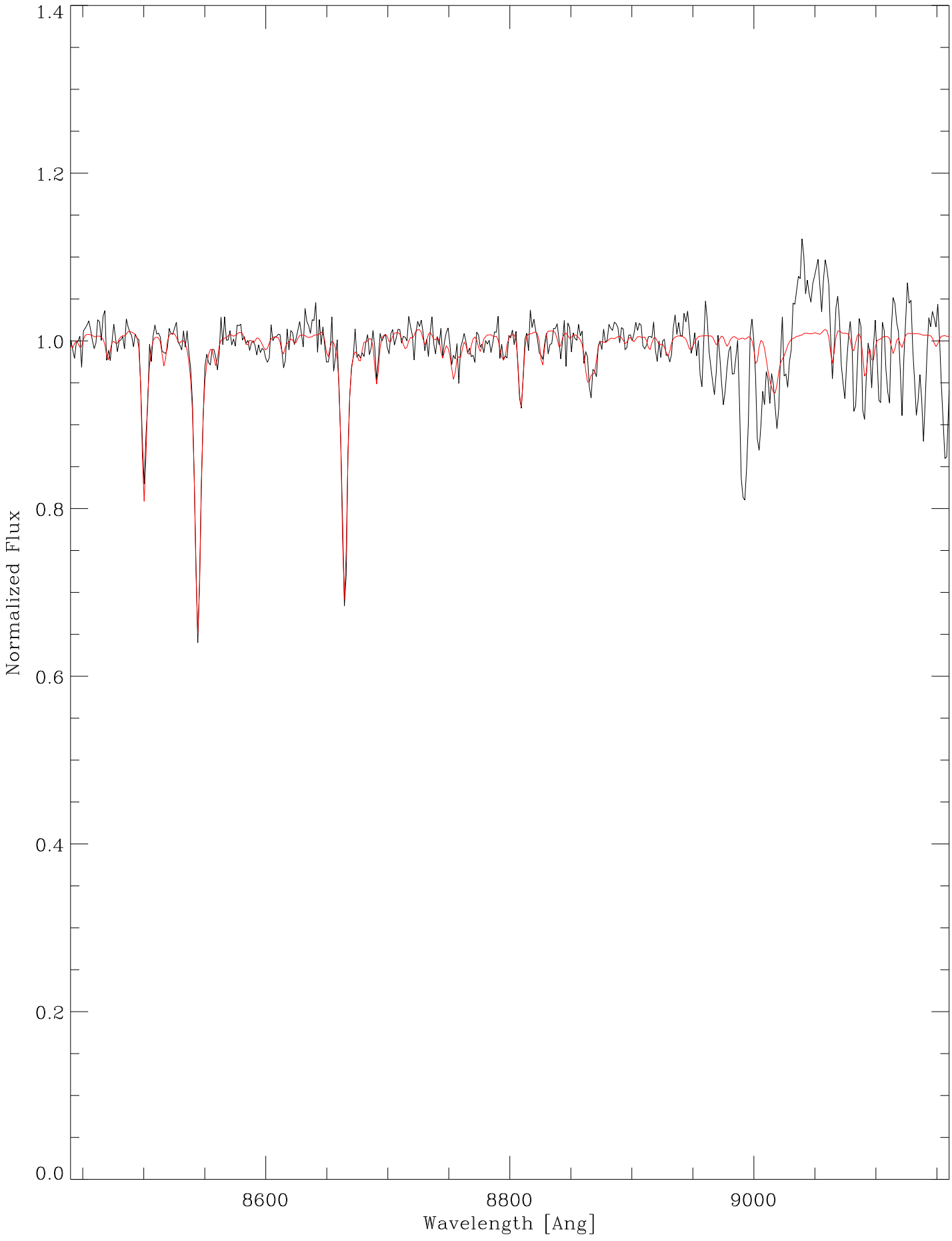
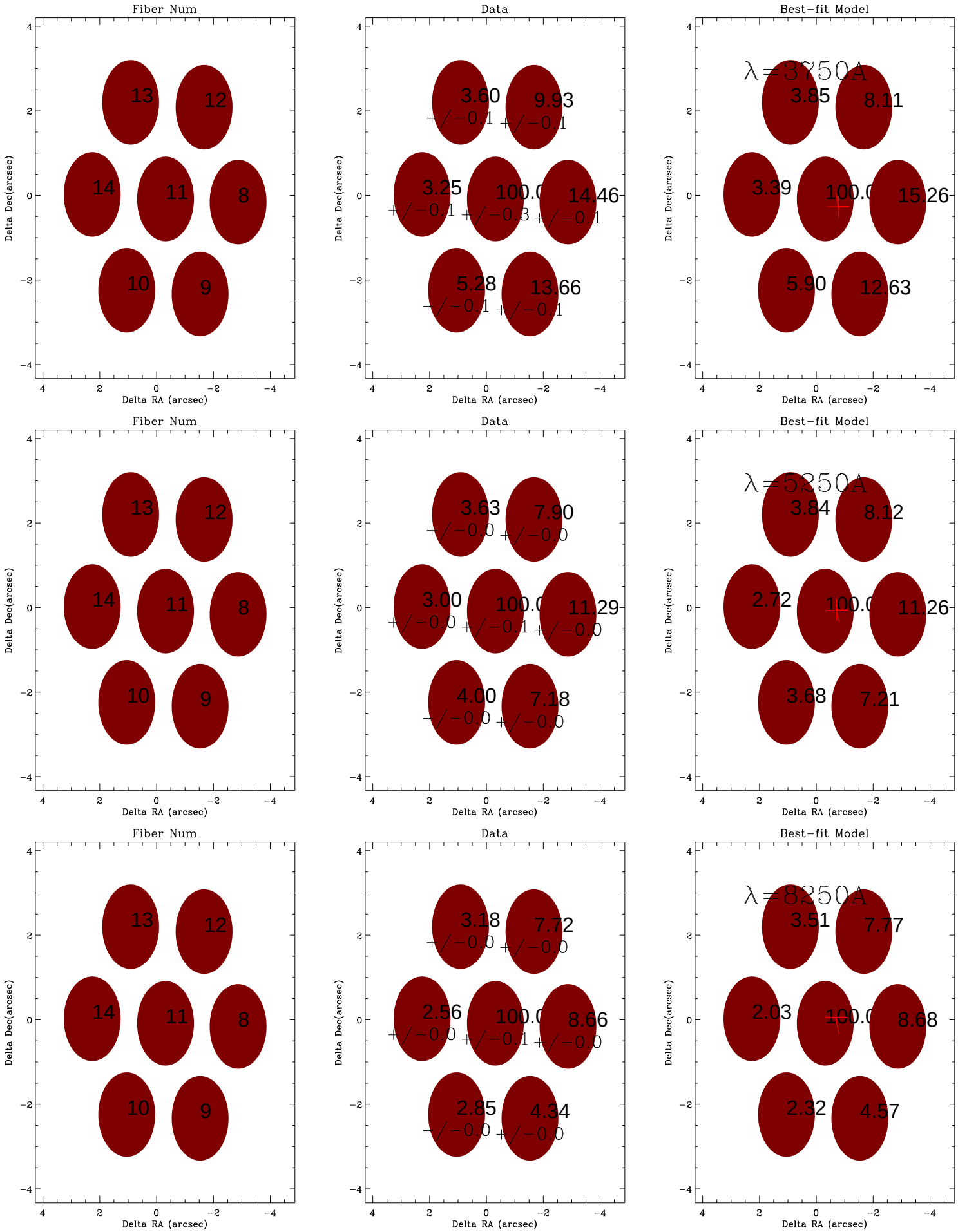
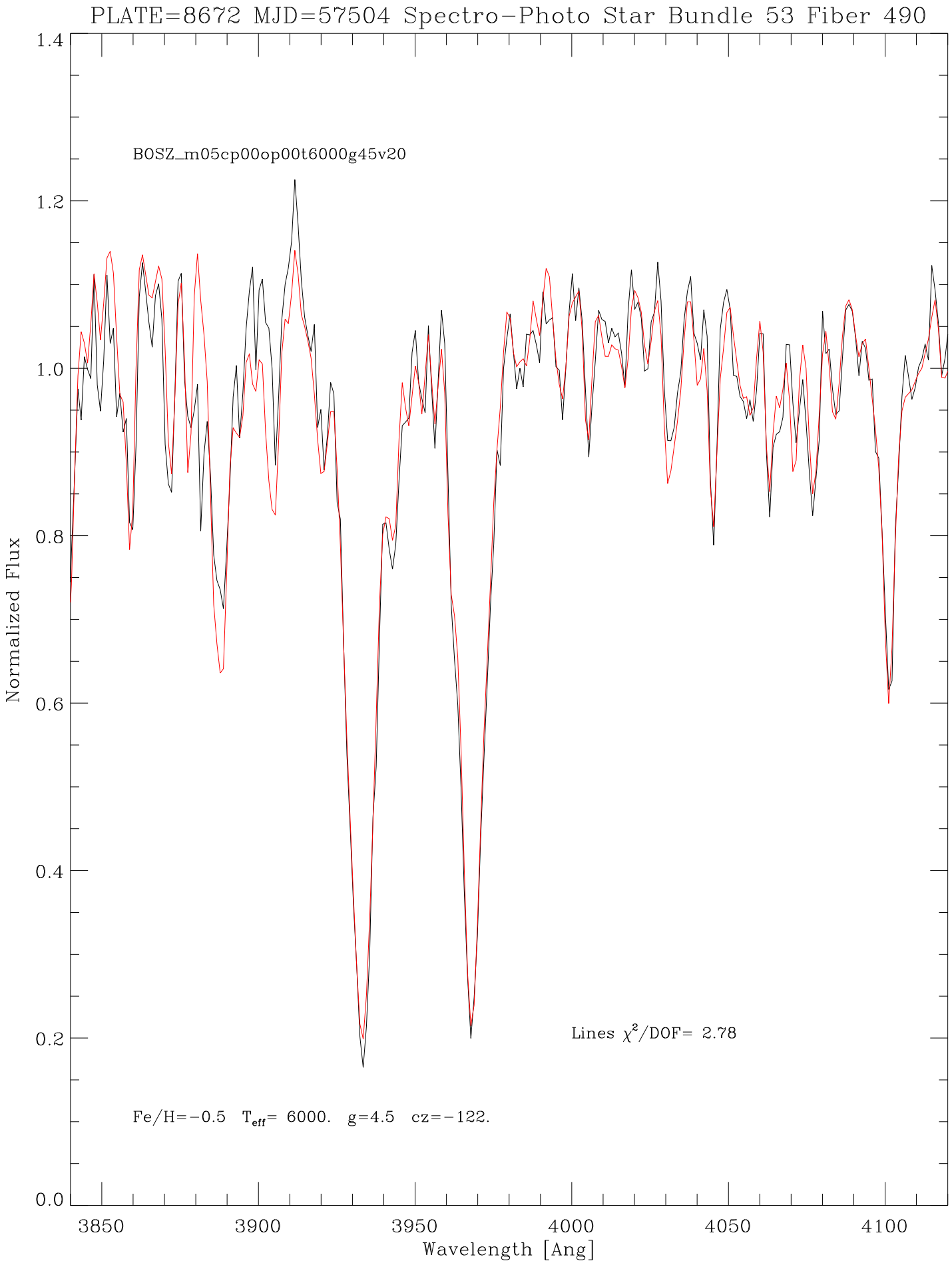

PLATE=8672 MJD=57504 Spectro-Photo Star Bundle 51 Fiber 504
BOSZ_m03cp00op00t5750g50v20
Lines χ²/DOF= 3.73
Fe/H=−0.2 T_eff= 5750. g=5.0 cz= −87.
Normalized Flux
Wavelength [Ang]
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
3850
3900
3950
4000
4050
4100
Normalized Flux
Wavelength [Ang]
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
8600
8800
9000

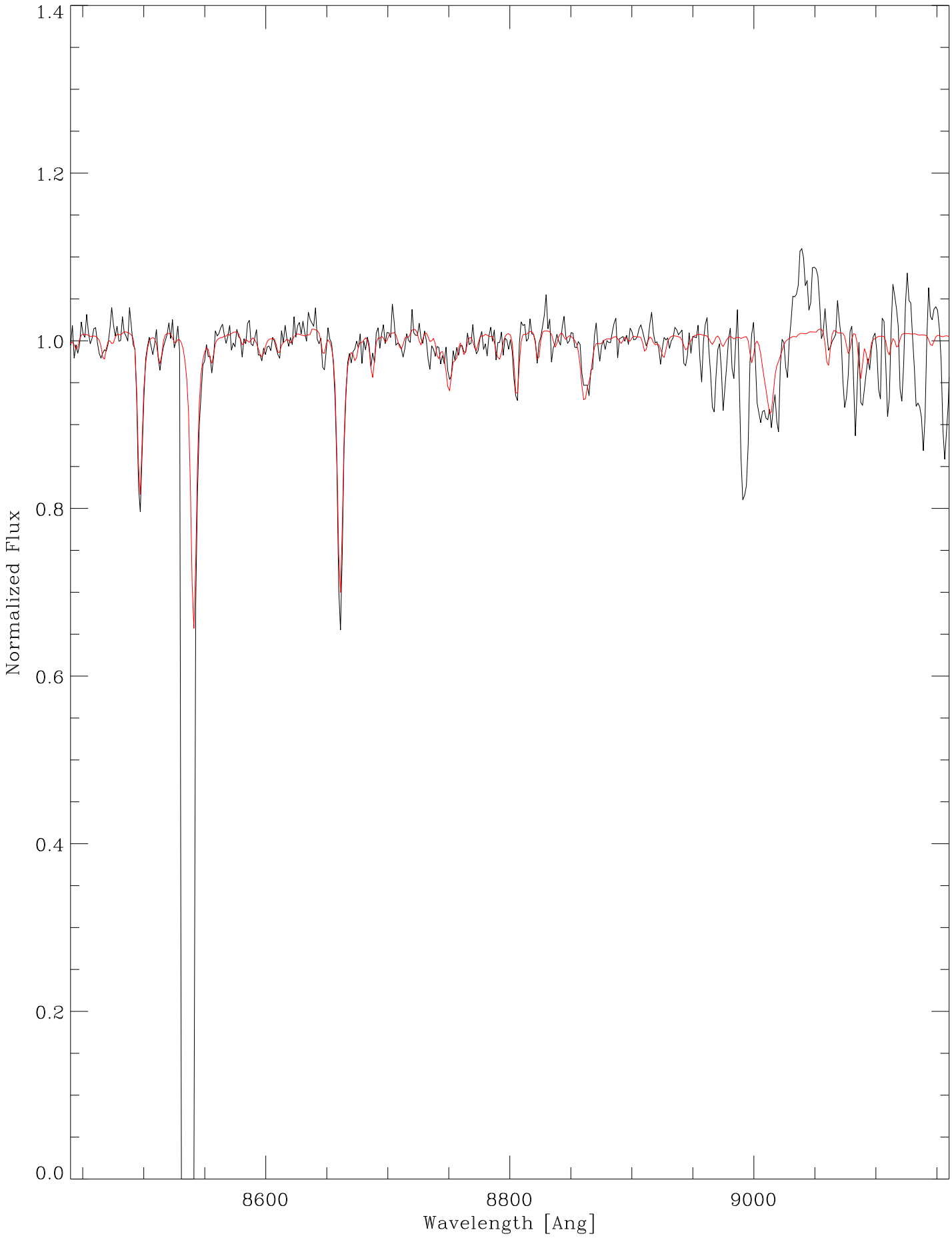

Fiber Num
Data
Best-fit Model
Delta Dec(arcsec)
Delta RA (arcsec)
6
5
7
4
1
3
2
3.39 +/-0.1
5.86 +/-0.1
7.09 +/-0.1
100.0 +/-0.3
5.41 +/-0.1
13.88 +/-0.1
12.88 +/-0.1
λ=3750A
3.66
3.42
7.17
100.0
5.98
13.65
12.71
3.51 +/-0.0
3.12 +/-0.0
5.98 +/-0.0
100.0 +/-0.1
4.43 +/-0.0
9.15 +/-0.0
8.17 +/-0.0
λ=5250A
3.43
3.09
5.86
100.0
4.54
8.91
8.00
2.98 +/-0.0
2.94 +/-0.0
4.53 +/-0.0
100.0 +/-0.1
3.40 +/-0.0
5.91 +/-0.0
5.29 +/-0.0
λ=8250A
2.81
2.50
4.38
100.0
3.33
5.85
5.24

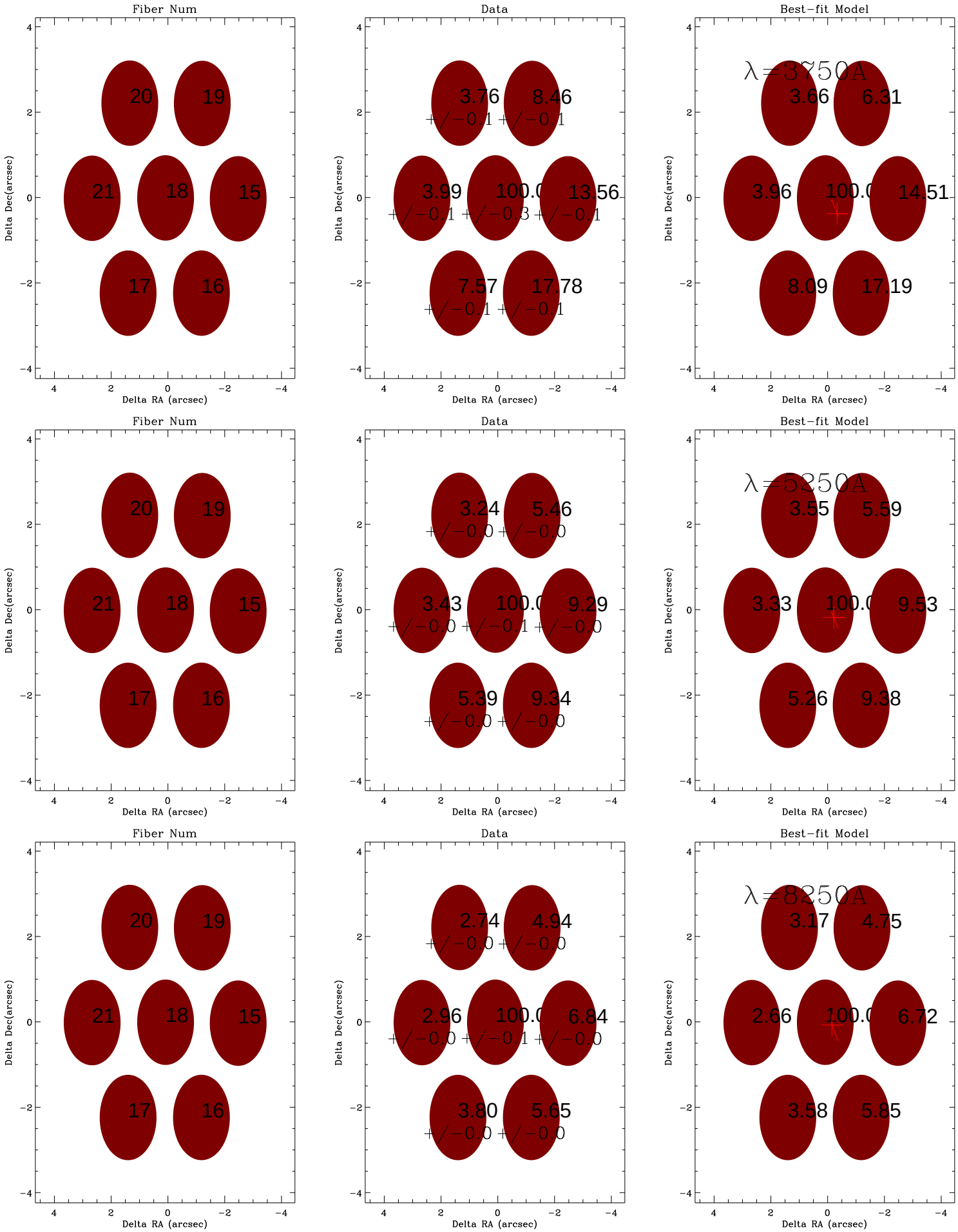

PLATE=8672 MJD=57504 Spectro−Photo Star Bundle 52 Fiber 497
BOSZ_m05cp00op00t6000g50v20
Normalized Flux
Wavelength [Ang]
Lines χ^2/DOF= 1.85
Fe/H=−0.5 T_{eff}= 6000. g=5.0 cz= −1.
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
3850
3900
3950
4000
4050
4100

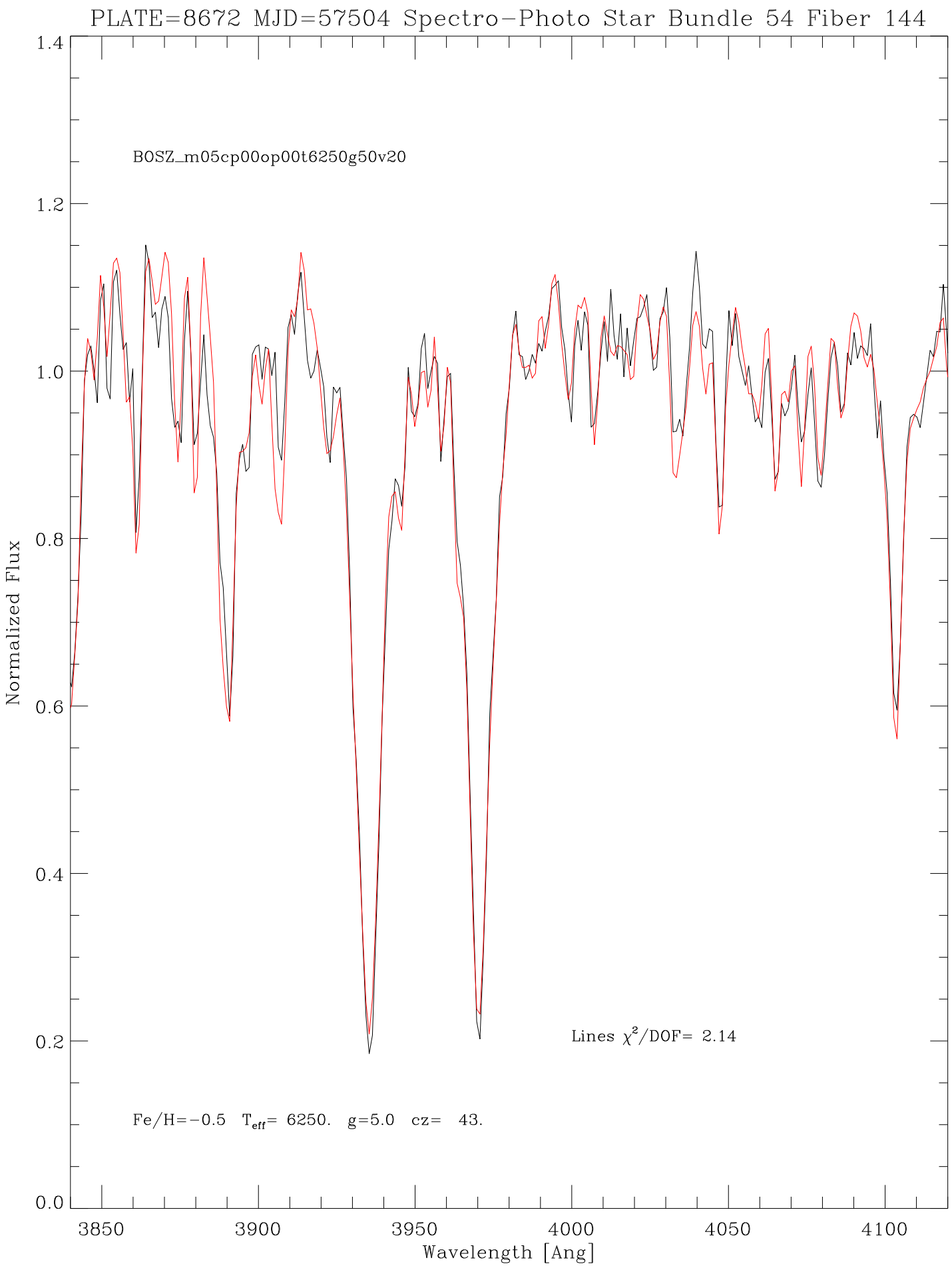

1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Normalized Flux
8600
8800
9000
Wavelength [Ang]

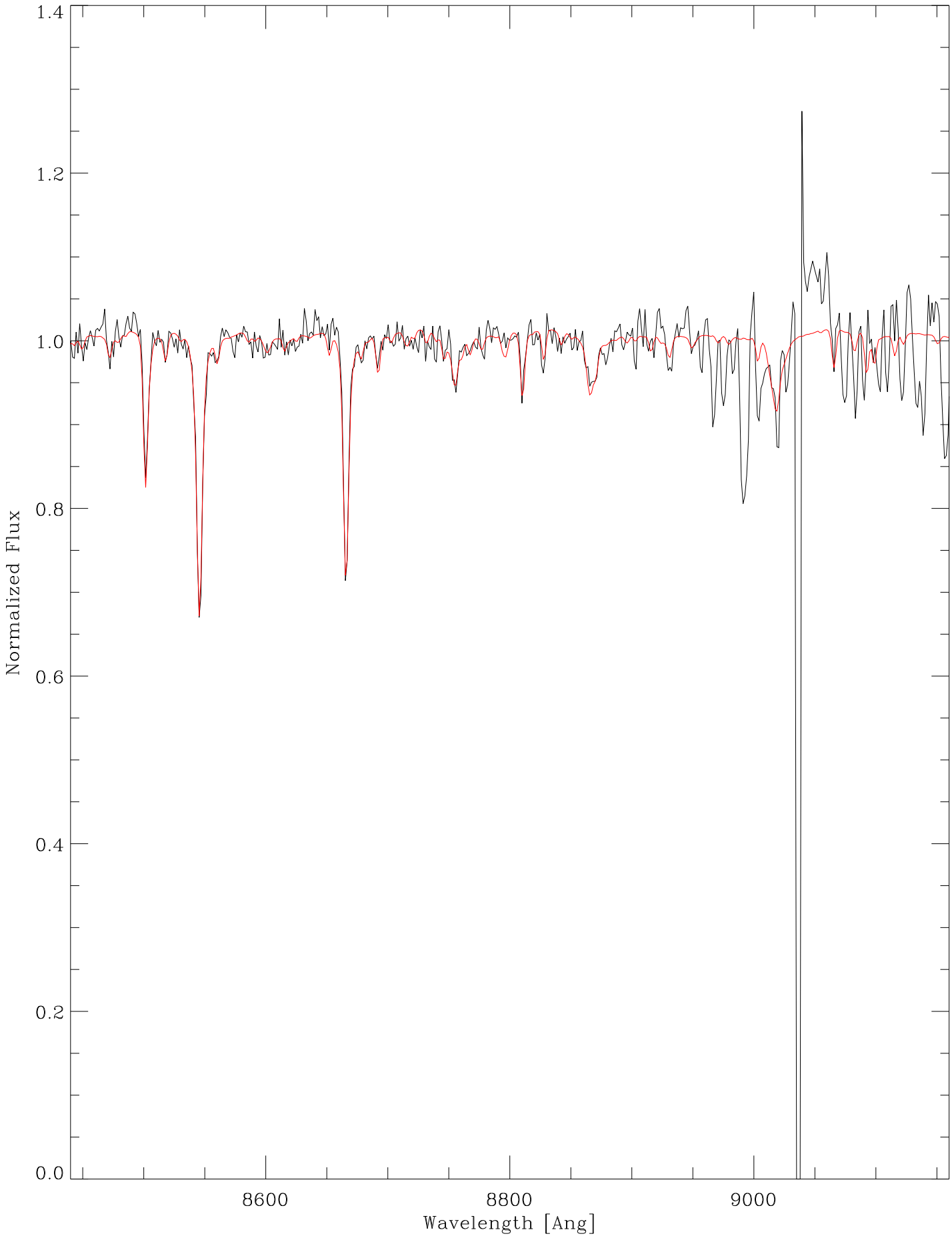

Fiber Num
Data
Best-fit Model
Delta Dec(arcsec)
Delta RA (arcsec)
13
12
14
11
8
10
9
3.60 +/-0.1
9.93 +/-0.1
3.25 +/-0.1
100.0 +/-0.3
14.46 +/-0.1
5.28 +/-0.1
13.66 +/-0.1
λ=3750A
3.85
8.11
3.39
100.0
15.26
5.90
12.63
3.63 +/-0.0
7.90 +/-0.0
3.00 +/-0.0
100.0 +/-0.1
11.29 +/-0.0
4.00 +/-0.0
7.18 +/-0.0
λ=5250A
3.84
8.12
2.72
100.0
11.26
3.68
7.21
3.18 +/-0.0
7.72 +/-0.0
2.56 +/-0.0
100.0 +/-0.1
8.66 +/-0.0
2.85 +/-0.0
4.34 +/-0.0
λ=8250A
3.51
7.77
2.03
100.0
8.68
2.32
4.57

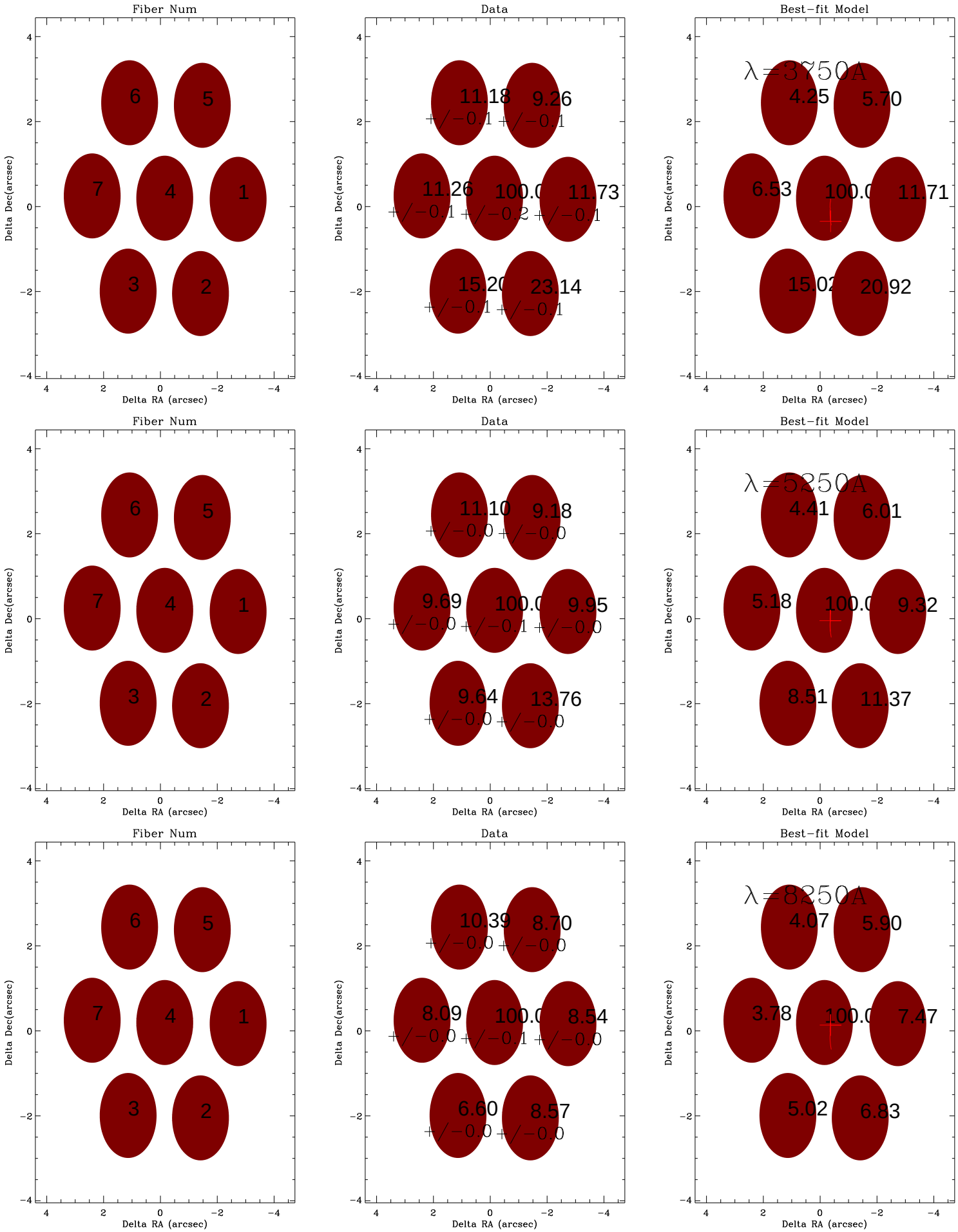

PLATE=8672 MJD=57504 Spectro-Photo Star Bundle 53 Fiber 490
BOSZ_m05cp00op00t6000g45v20
Normalized Flux
Wavelength [Ang]
Lines χ^2/DOF= 2.78
Fe/H=−0.5 T_{eff}= 6000. g=4.5 cz=−122.
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
3850
3900
3950
4000
4050
4100

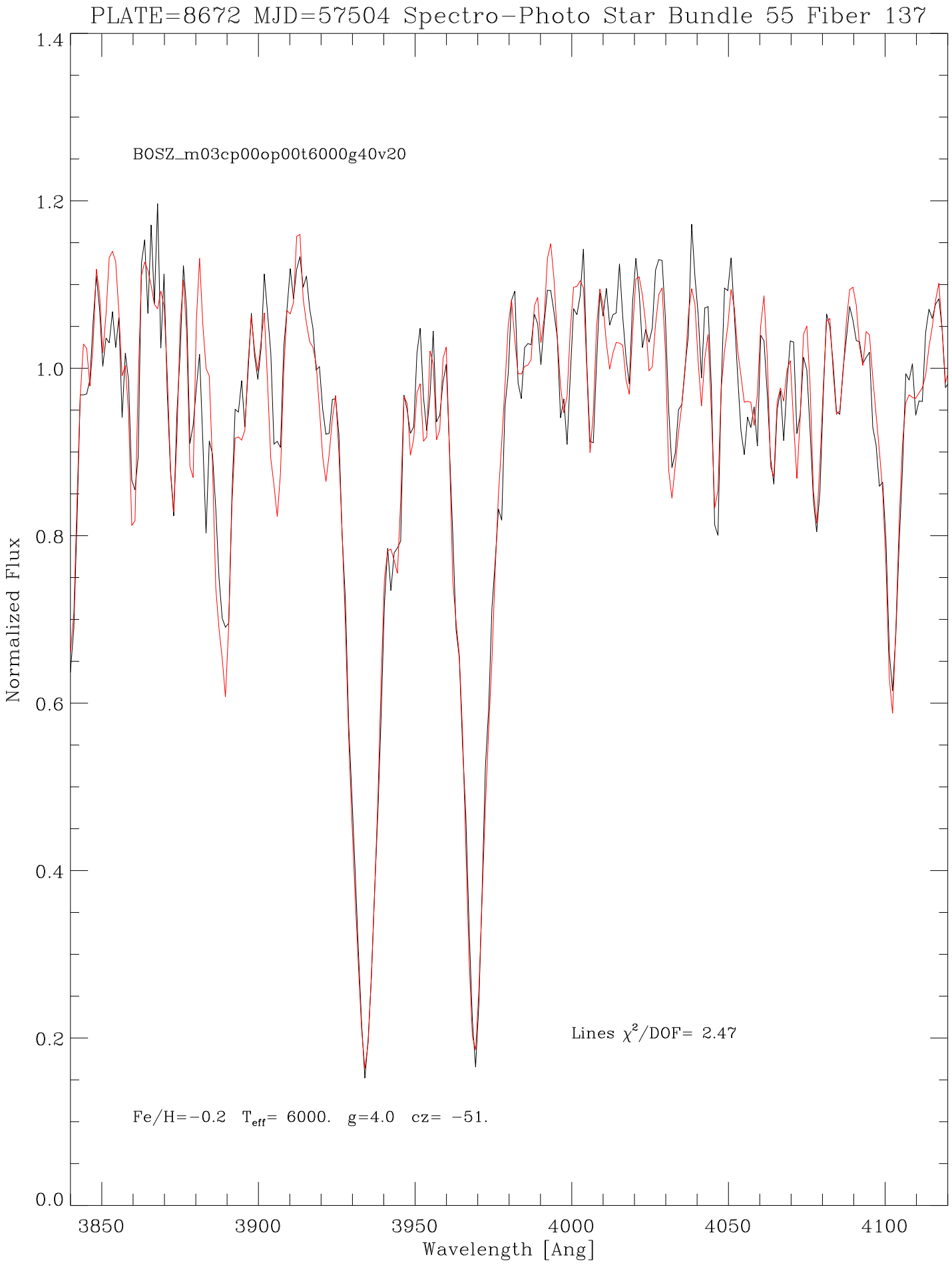

1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Normalized Flux
8600
8800
9000
Wavelength [Ang]

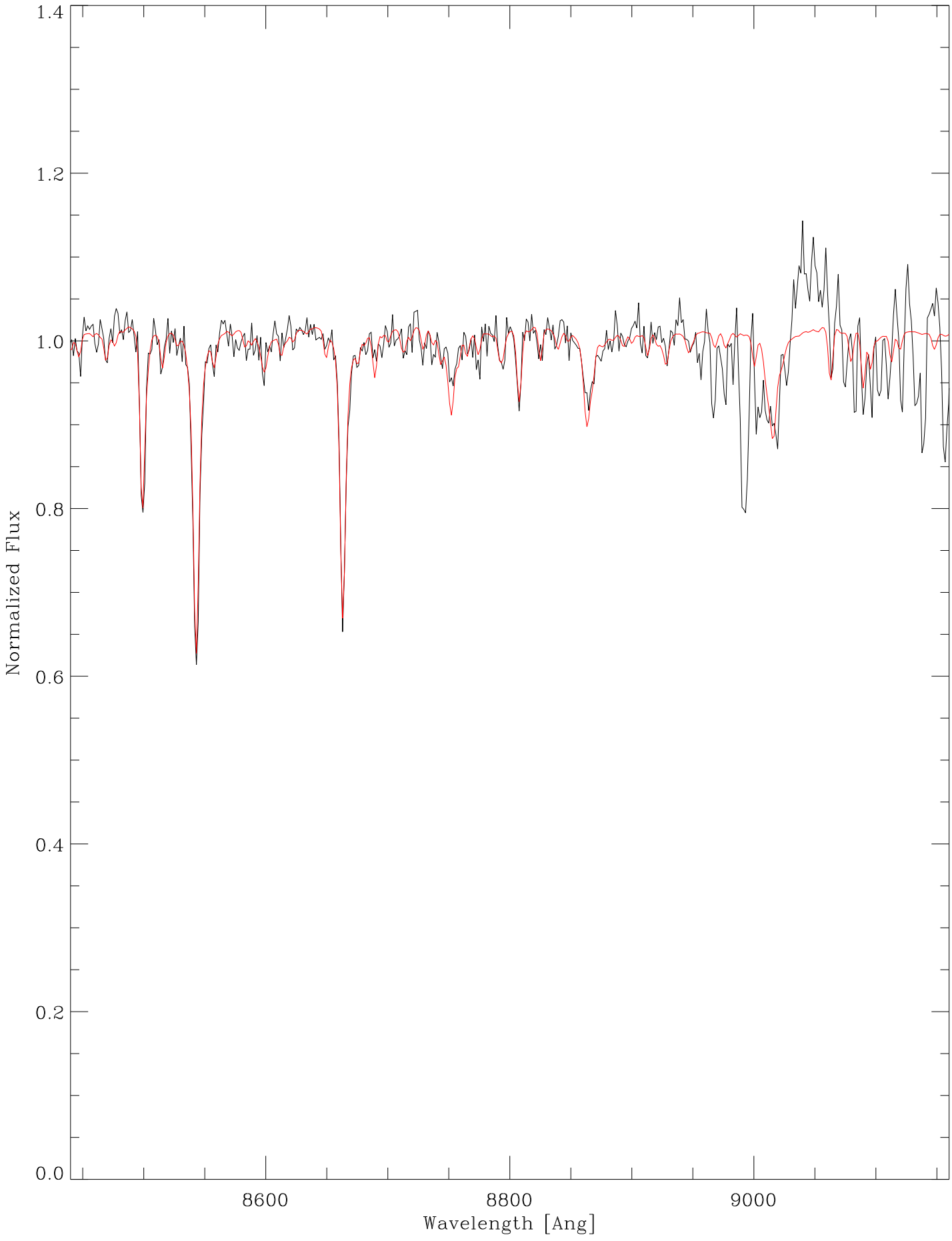

Fiber Num
Data
Best-fit Model
λ=3750A
λ=5250A
λ=8250A
Delta Dec(arcsec)
Delta RA (arcsec)
20
19
21
18
15
17
16
3.76 8.46
+/−0.1 +/−0.1
3.99 100.0 13.56
+/−0.1 +/−0.3 +/−0.1
7.57 17.78
+/−0.1 +/−0.1
3.66 6.31
3.96 100.0 14.51
8.09 17.19
3.24 5.46
+/−0.0 +/−0.0
3.43 100.0 9.29
+/−0.0 +/−0.1 +/−0.0
5.39 9.34
+/−0.0 +/−0.0
3.55 5.59
3.33 100.0 9.53
5.26 9.38
2.74 4.94
+/−0.0 +/−0.0
2.96 100.0 6.84
+/−0.0 +/−0.1 +/−0.0
3.80 5.65
+/−0.0 +/−0.0
3.17 4.75
2.66 100.0 6.72
3.58 5.85

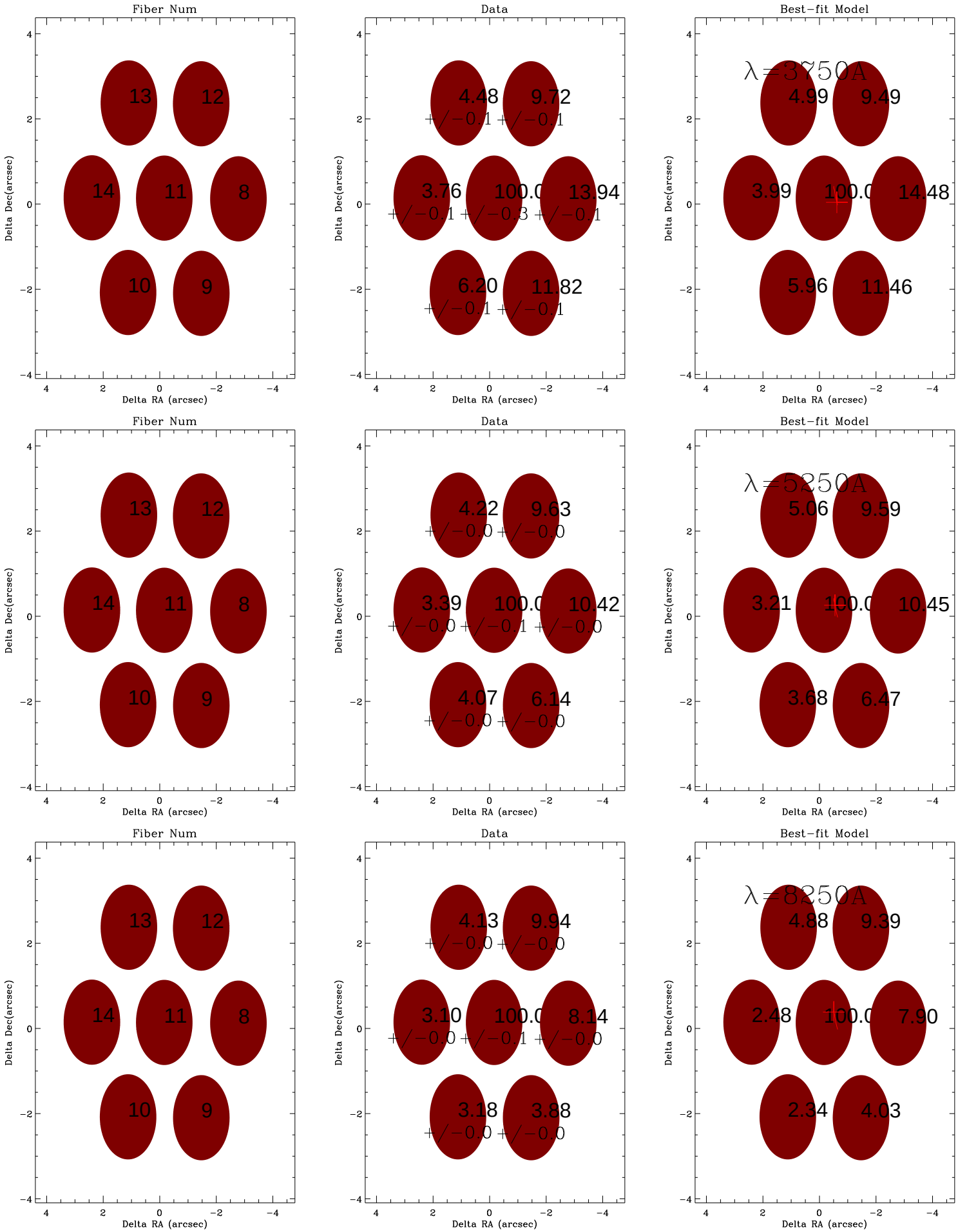

PLATE=8672 MJD=57504 Spectro-Photo Star Bundle 54 Fiber 144
BOSZ_m05cp00op00t6250g50v20
Normalized Flux
Wavelength [Ang]
Lines χ^2/DOF= 2.14
Fe/H=−0.5 T_{eff}= 6250. g=5.0 cz= 43.
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
3850
3900
3950
4000
4050
4100

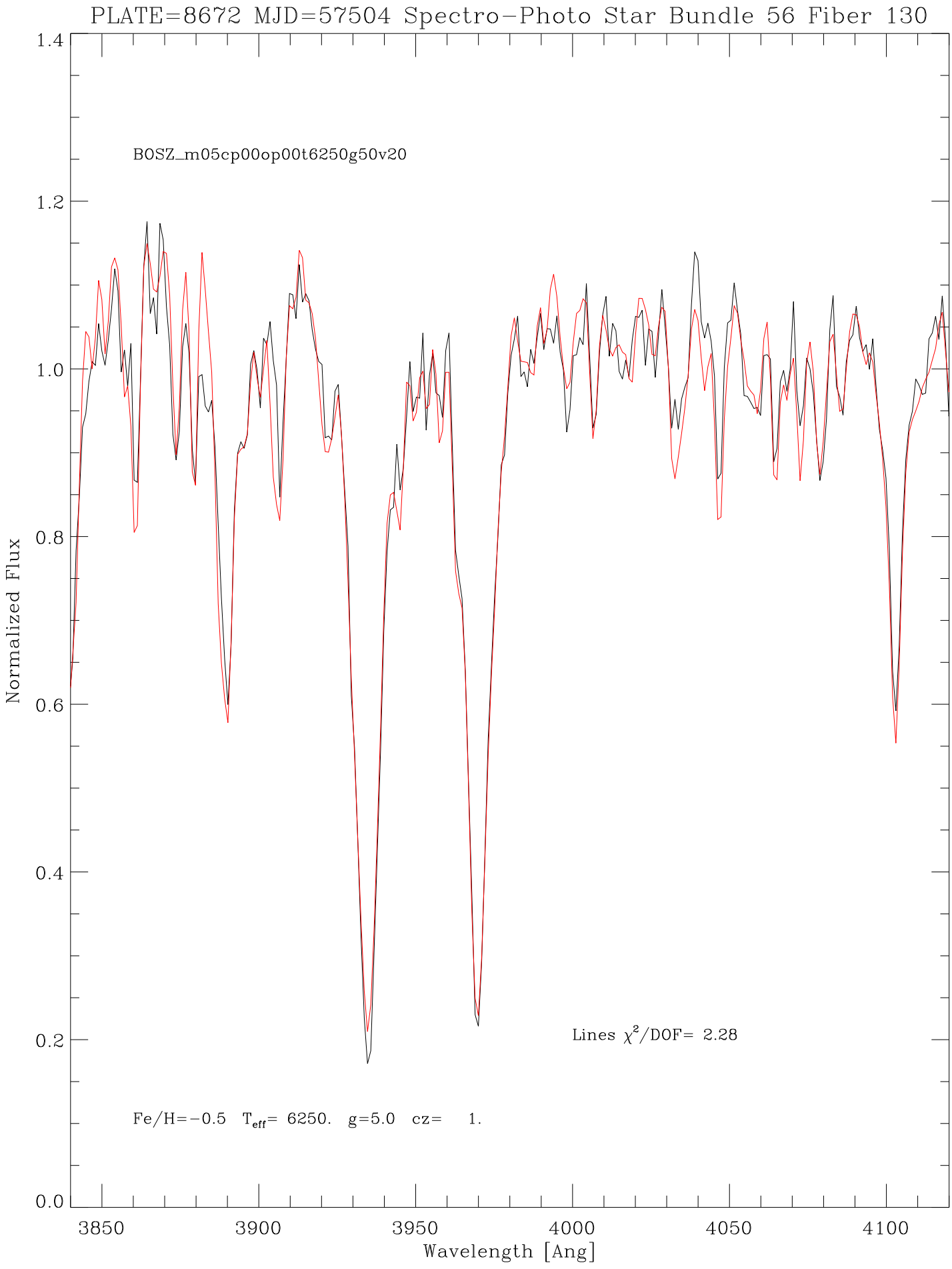

1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Normalized Flux
8600
8800
9000
Wavelength [Ang]

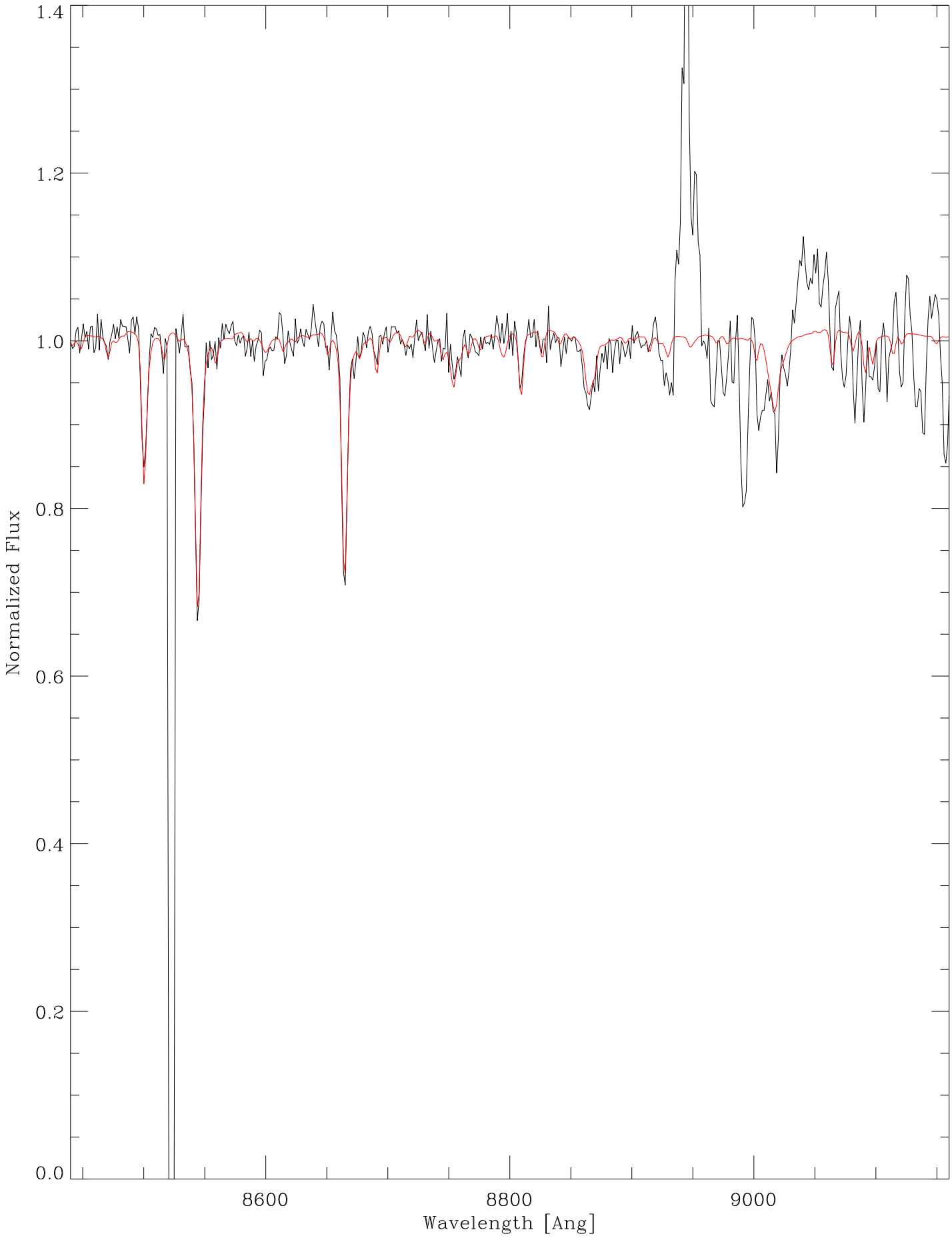

Fiber Num
Data
Best-fit Model
Delta Dec(arcsec)
Delta RA (arcsec)
6
5
7
4
1
3
2
11.18 +/-0.1
9.26 +/-0.1
11.26 +/-0.1
100.0 +/-0.2
11.73 +/-0.1
15.20 +/-0.1
23.14 +/-0.1
λ=3750A
4.25
5.70
6.53
100.0
11.71
15.02
20.92
11.10 +/-0.0
9.18 +/-0.0
9.69 +/-0.0
100.0 +/-0.1
9.95 +/-0.0
9.64 +/-0.0
13.76 +/-0.0
λ=5250A
4.41
6.01
5.18
100.0
9.32
8.51
11.37
10.39 +/-0.0
8.70 +/-0.0
8.09 +/-0.0
100.0 +/-0.1
8.54 +/-0.0
6.60 +/-0.0
8.57 +/-0.0
λ=8250A
4.07
5.90
3.78
100.0
7.47
5.02
6.83

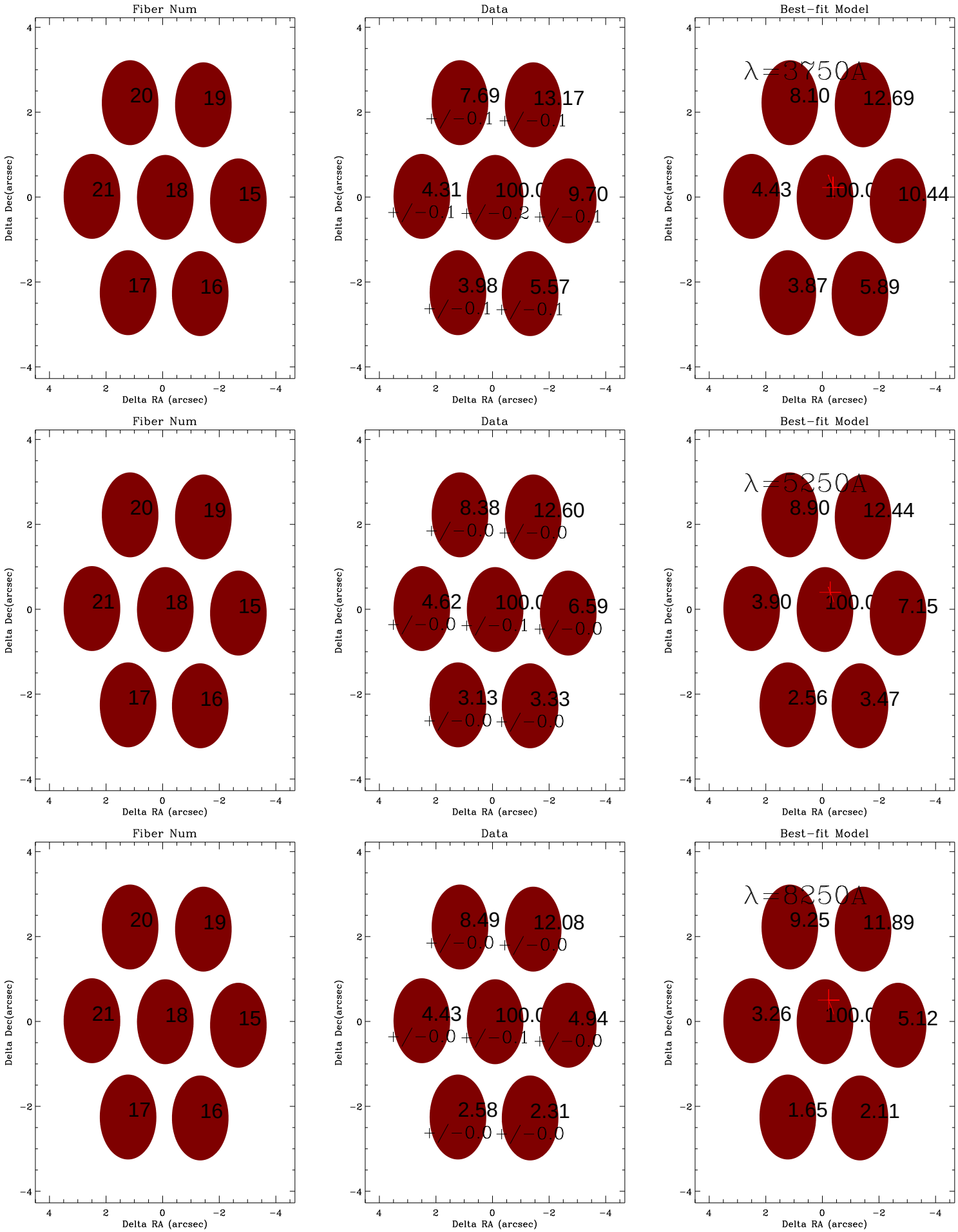

PLATE=8672 MJD=57504 Spectro-Photo Star Bundle 55 Fiber 137
BOSZ_m03cp00op00t6000g40v20
Lines χ^2/DOF= 2.47
Fe/H=−0.2 T_{eff}= 6000. g=4.0 cz= −51.
Normalized Flux
Wavelength [Ang]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
3850
3900
3950
4000
4050
4100

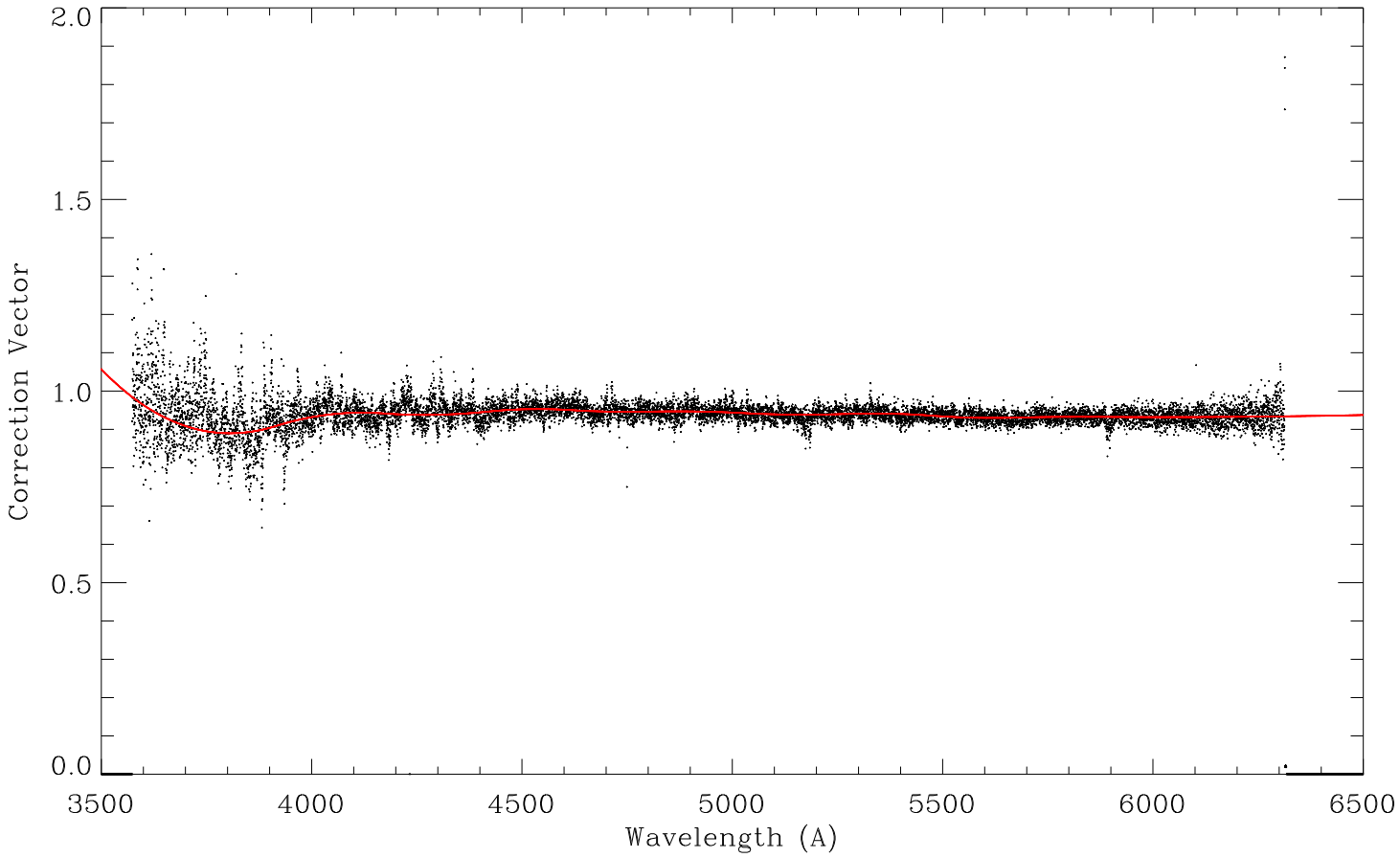

1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Normalized Flux
8600
8800
9000
Wavelength [Ang]

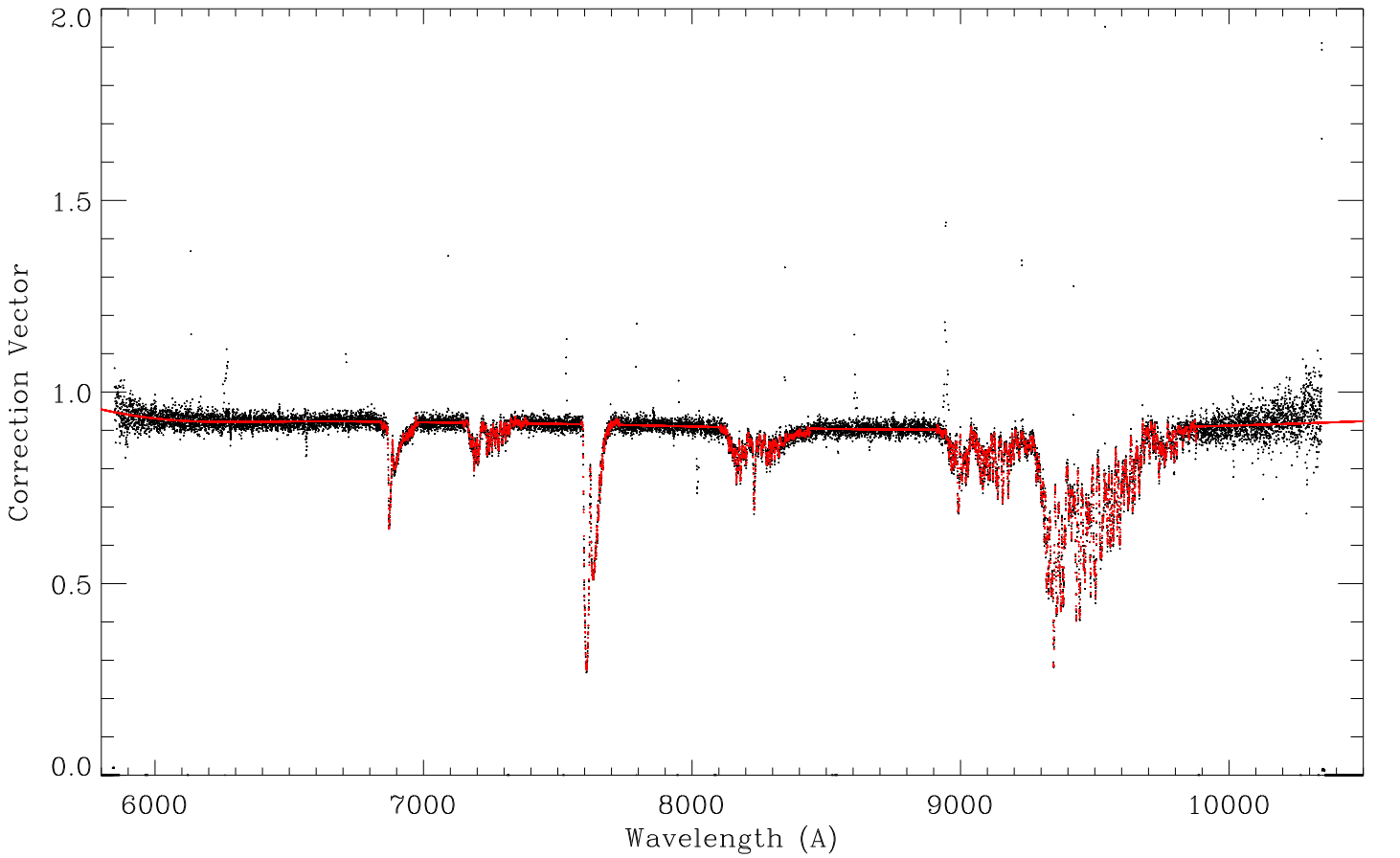

Fiber Num
Data
Best-fit Model
λ=3750A
λ=5250A
λ=8250A
13
12
14
11
8
10
9
4.48 9.72
+/−0.1 +/−0.1
3.76 100.0 13.94
+/−0.1 +/−0.3 +/−0.1
6.20 11.82
+/−0.1 +/−0.1
4.99 9.49
3.99 100.0 14.48
5.96 11.46
4.22 9.63
+/−0.0 +/−0.0
3.39 100.0 10.42
+/−0.0 +/−0.1 +/−0.0
4.07 6.14
+/−0.0 +/−0.0
5.06 9.59
3.21 100.0 10.45
3.68 6.47
4.13 9.94
+/−0.0 +/−0.0
3.10 100.0 8.14
+/−0.0 +/−0.1 +/−0.0
3.18 3.88
+/−0.0 +/−0.0
4.88 9.39
2.48 100.0 7.90
2.34 4.03
Delta Dec(arcsec)
Delta RA (arcsec)


PLATE=8672 MJD=57504 Spectro-Photo Star Bundle 56 Fiber 130
BOSZ_m05cp00op00t6250g50v20
Lines χ^2/DOF= 2.28
Fe/H=−0.5 T_{eff}= 6250. g=5.0 cz= 1.
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
7.69 +/-0.1
13.17 +/-0.1
4.31 +/-0.1
100.0 +/-0.2
9.70 +/-0.1
3.98 +/-0.1
5.57 +/-0.1
8.10
12.69
4.43
10.44
3.87
5.89
8.38 +/-0.0
12.60 +/-0.0
4.62 +/-0.0
100.0 +/-0.1
6.59 +/-0.0
3.13 +/-0.0
3.33 +/-0.0
8.90
12.44
3.90
7.15
2.56
3.47
8.49 +/-0.0
12.08 +/-0.0
4.43 +/-0.0
100.0 +/-0.1
4.94 +/-0.0
2.58 +/-0.0
2.31 +/-0.0
9.25
11.89
3.26
5.12
1.65
2.11


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)