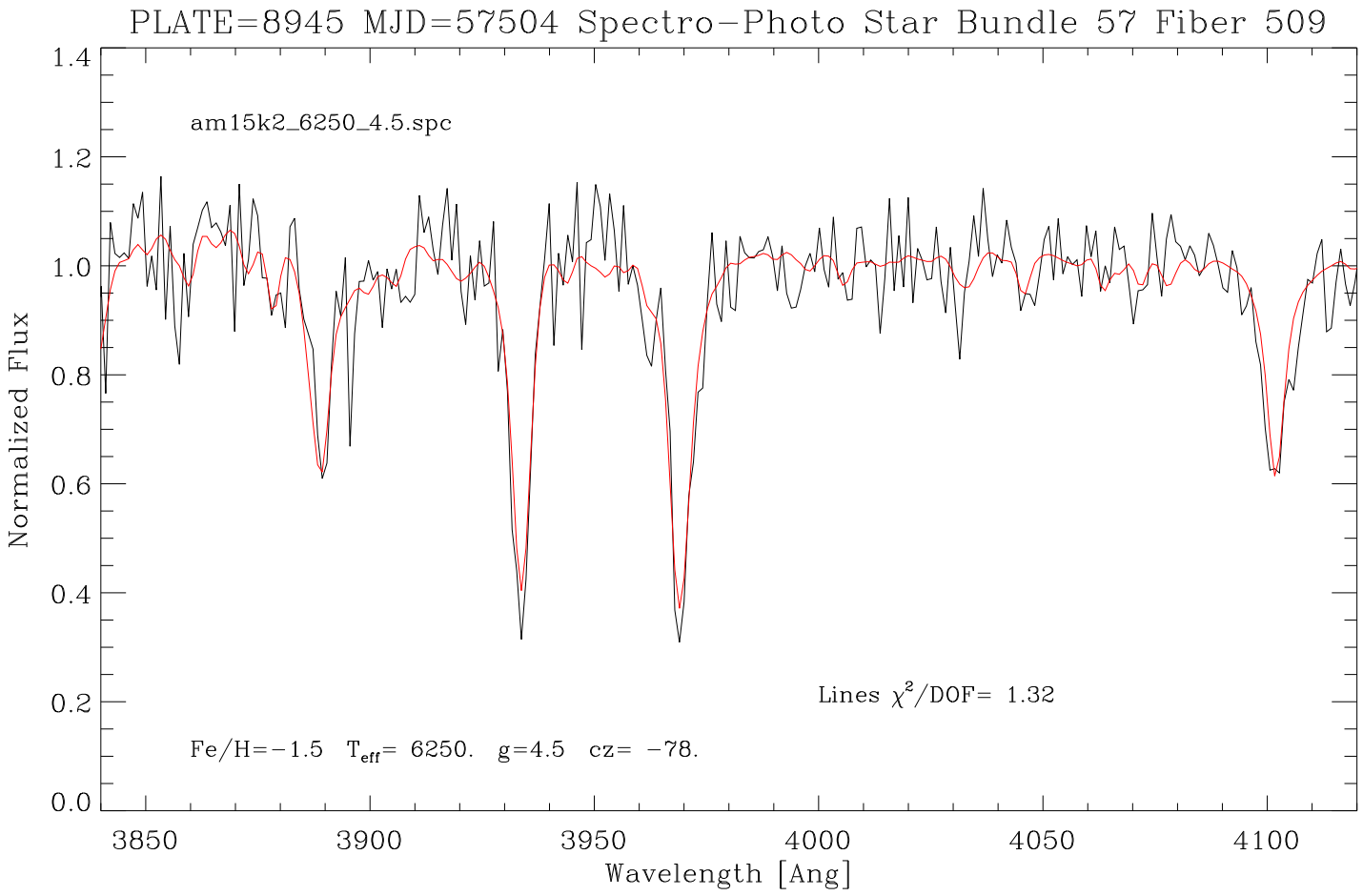
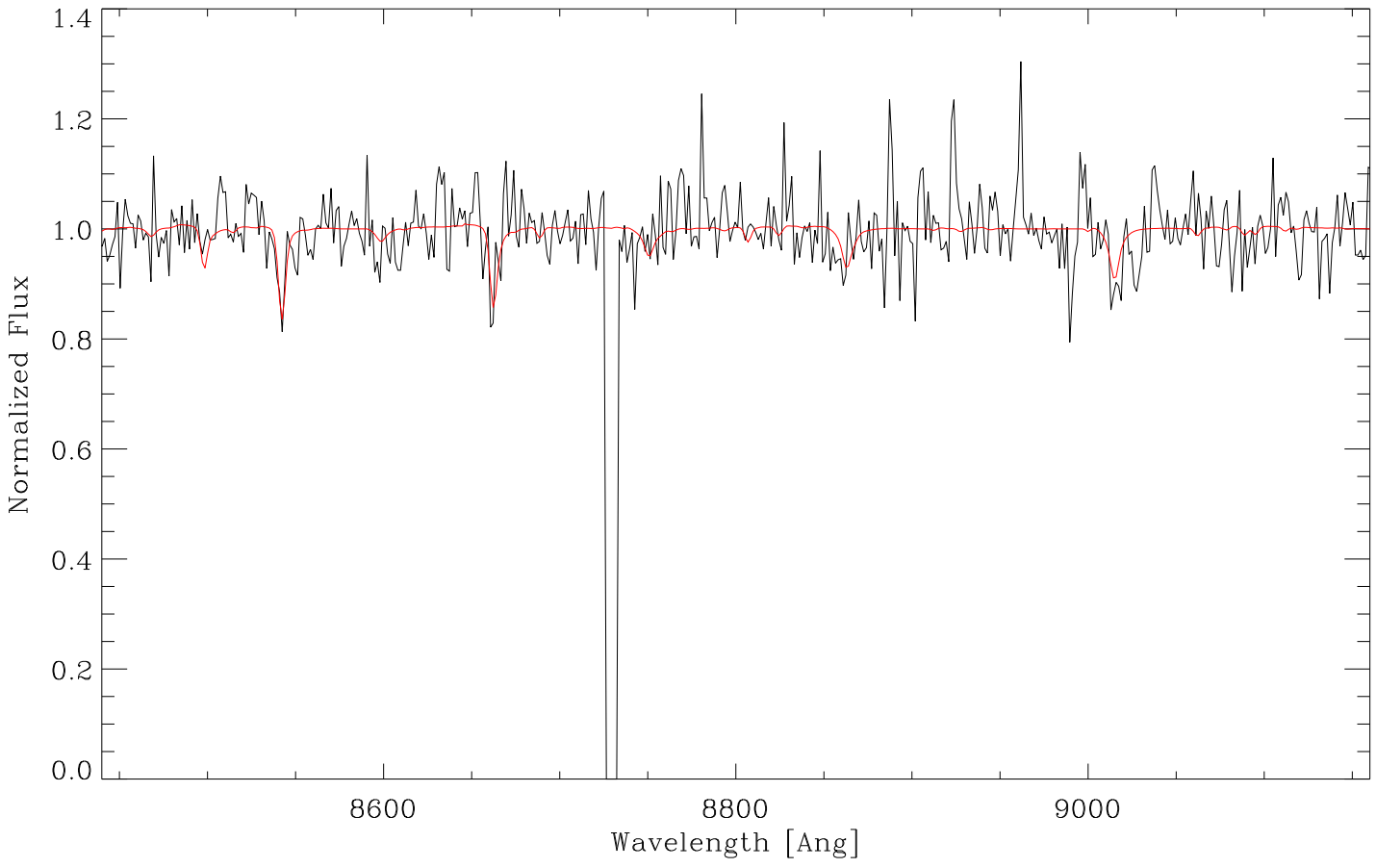
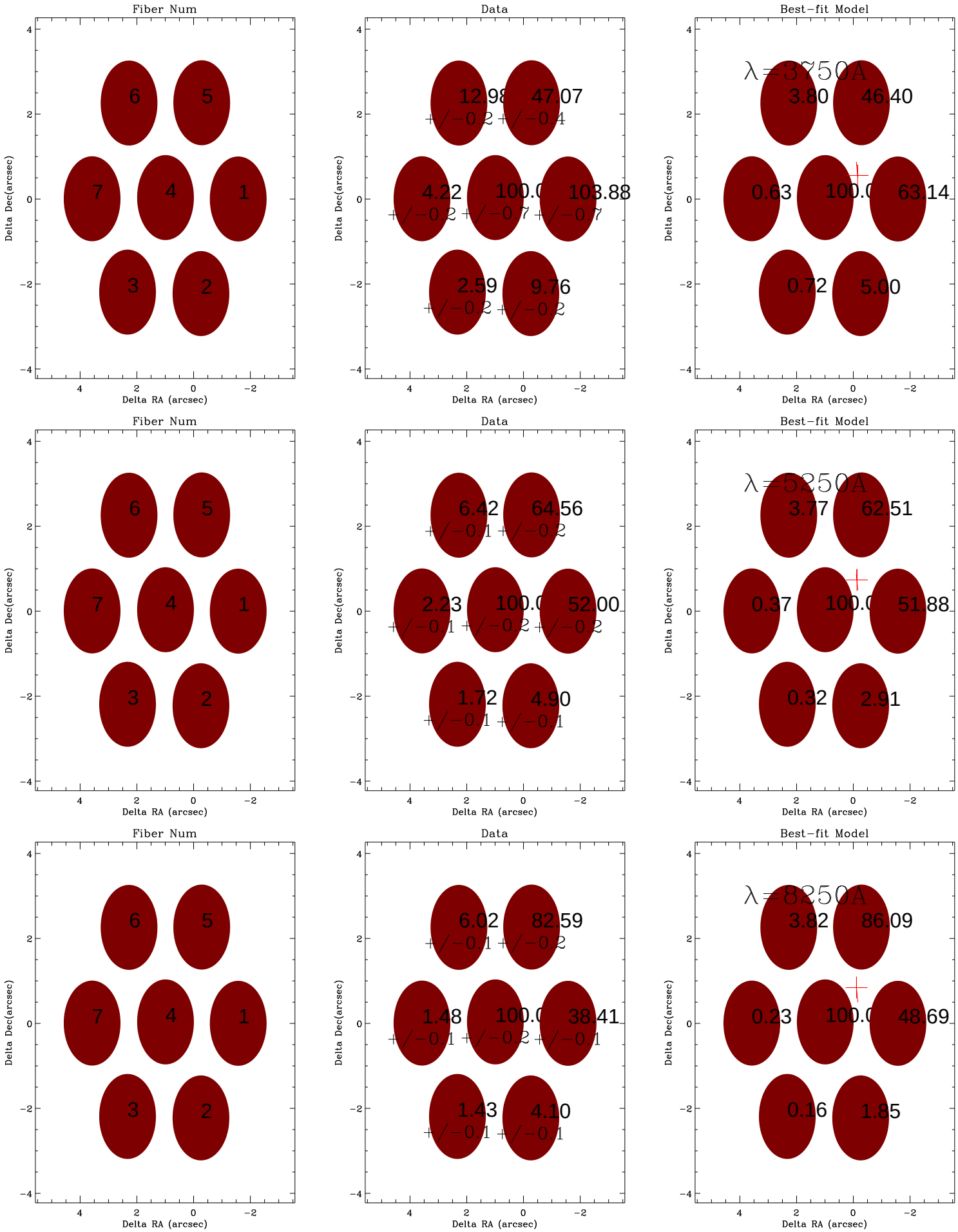
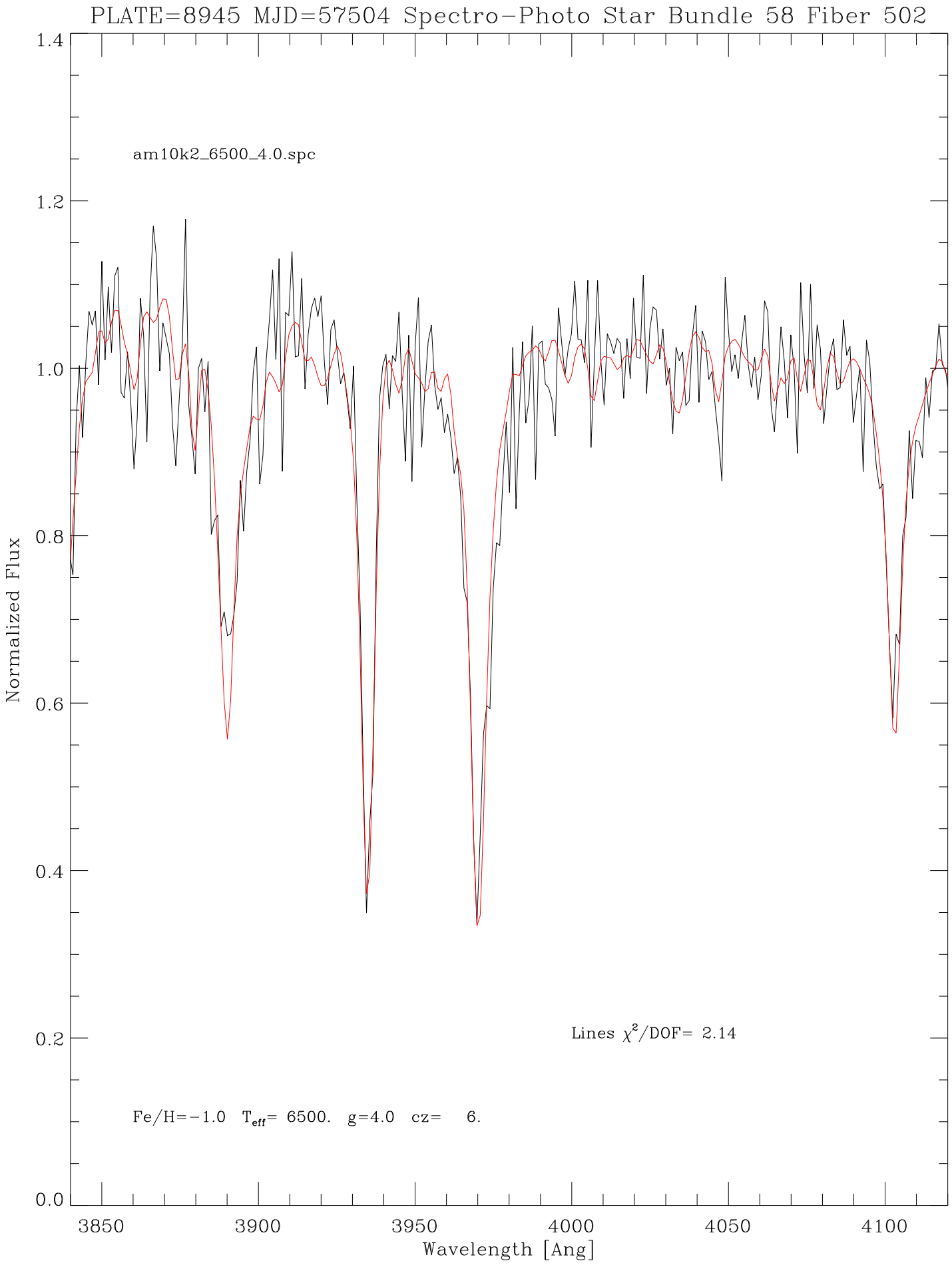
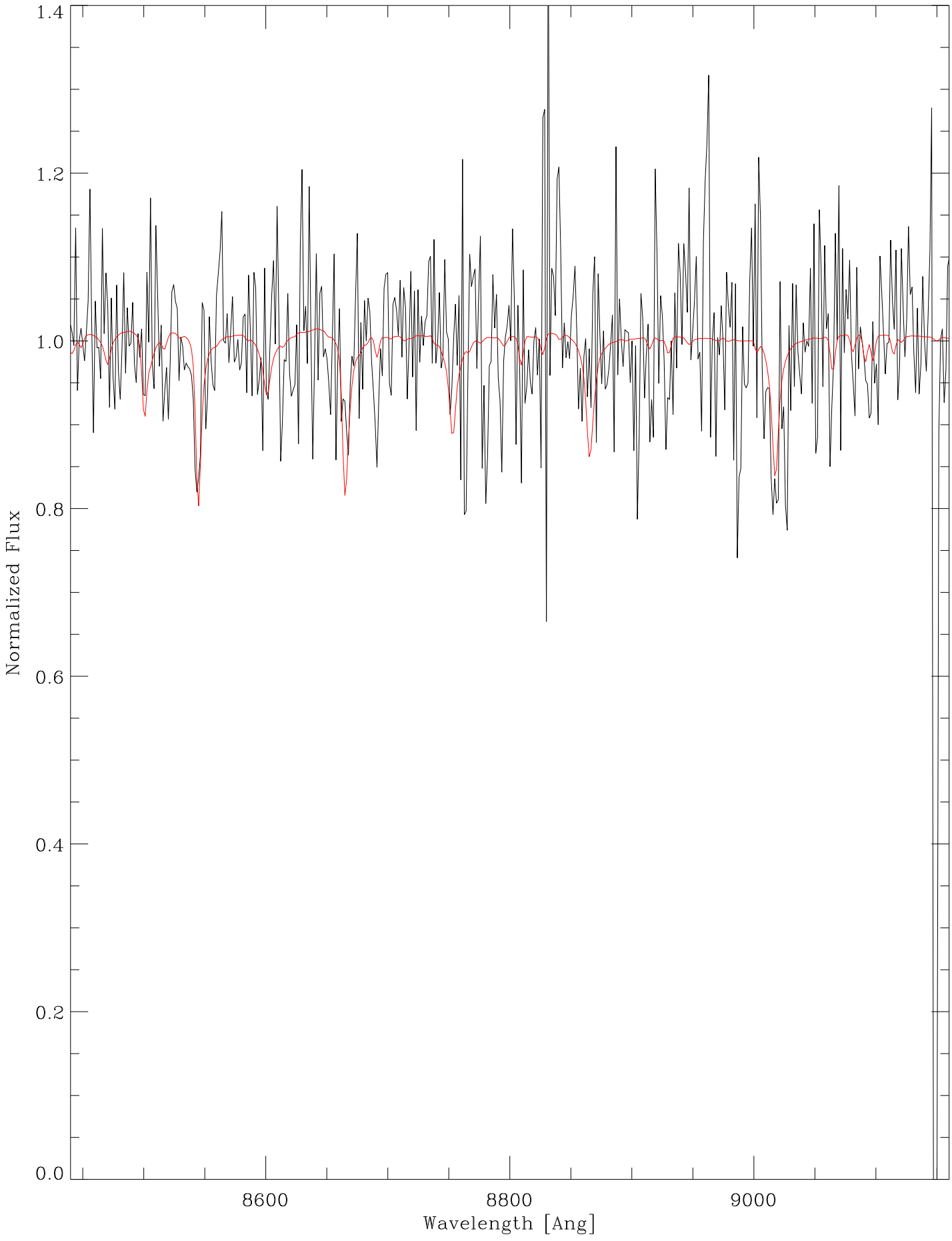
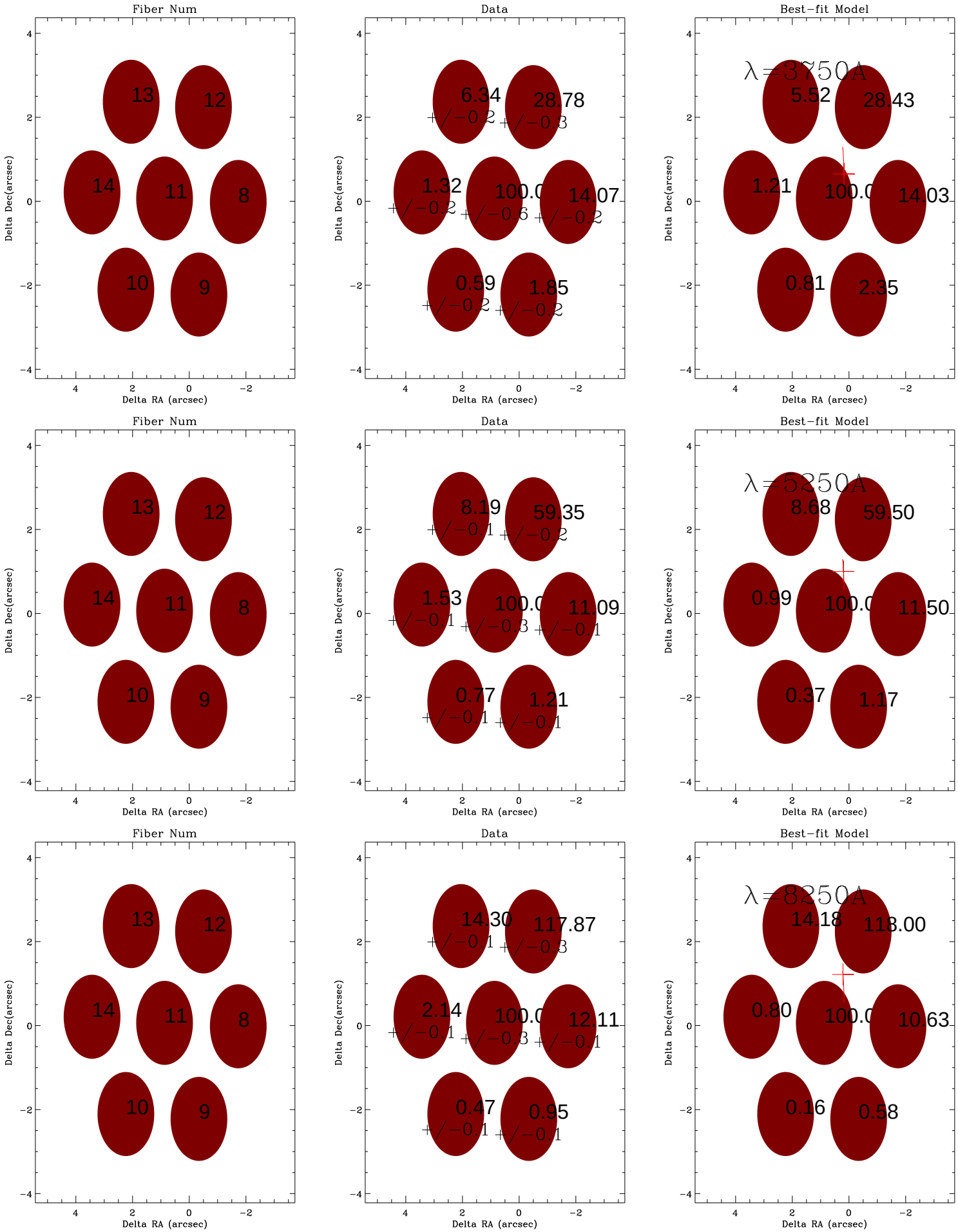

PLATE=8945 MJD=57504 Spectro−Photo Star Bundle 57 Fiber 509
am15k2_6250_4.5.spc
Lines χ²/DOF= 1.32
Fe/H=−1.5 T_eff= 6250. g=4.5 cz= −78.
Normalized Flux
Wavelength [Ang]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
3850
3900
3950
4000
4050
4100

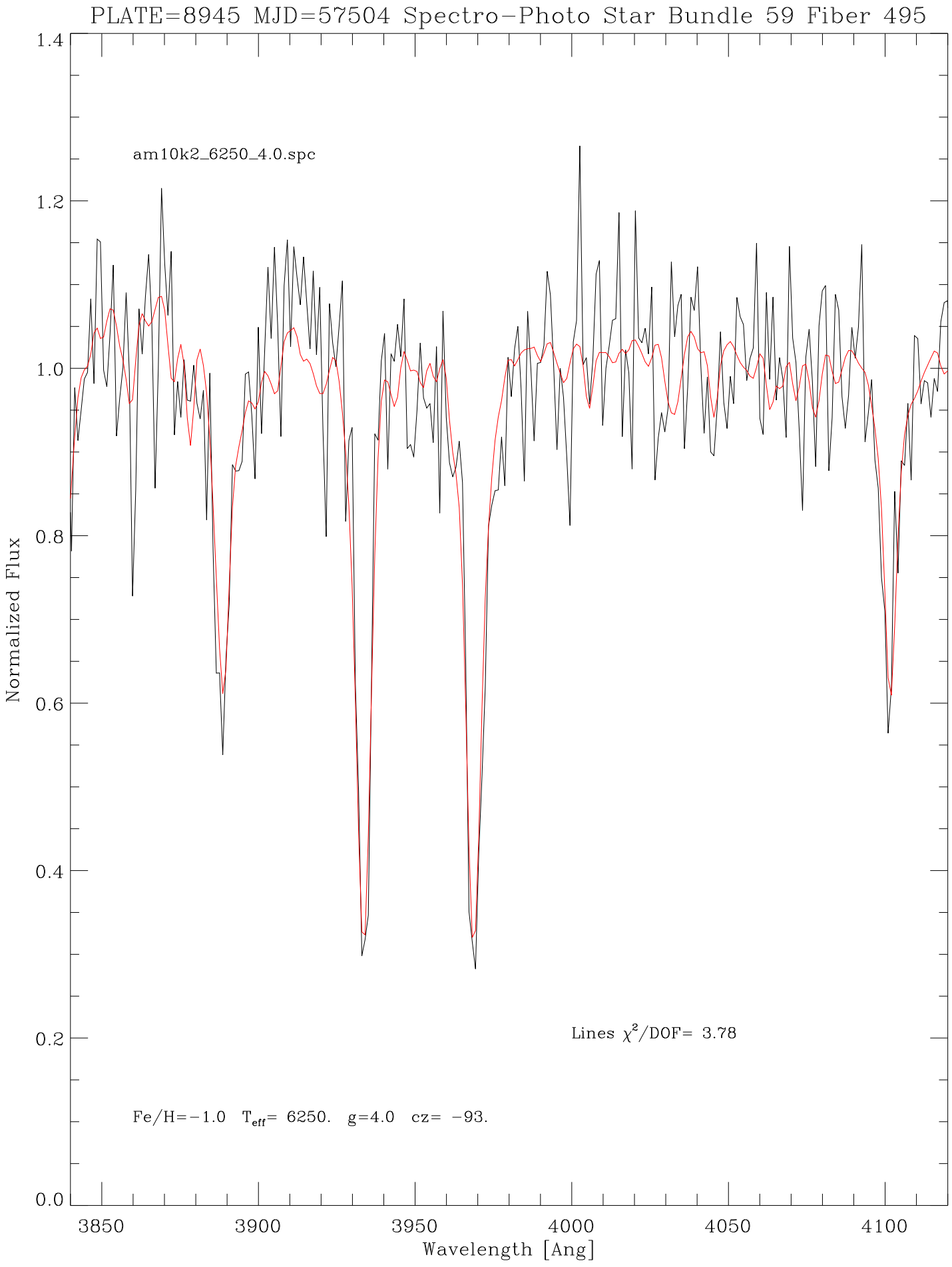

Normalized Flux
Wavelength [Ang]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
8600
8800
9000

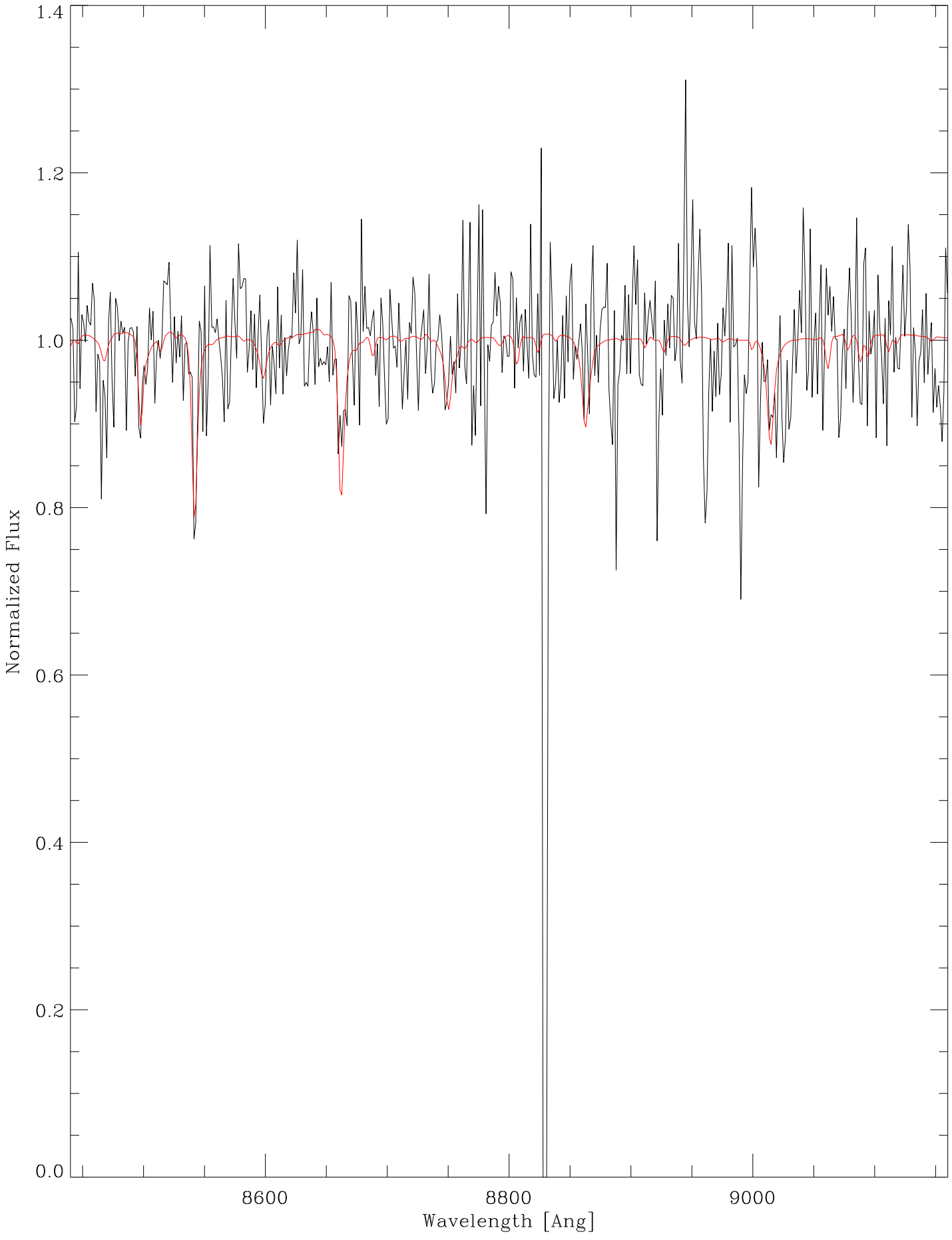

Fiber Num
Data
Best-fit Model
Delta Dec(arcsec)
Delta RA (arcsec)
6
5
7
4
1
3
2
12.98 47.07
+/-0.2 +/-0.4
4.22 100.0 103.88
+/-0.2 +/-0.7 +/-0.7
2.59 9.76
+/-0.2 +/-0.2
λ=3750A
3.80 46.40
0.63 100.0 63.14
0.72 5.00
6.42 64.56
+/-0.1 +/-0.2
2.23 100.0 52.00
+/-0.1 +/-0.2 +/-0.2
1.72 4.90
+/-0.1 +/-0.1
λ=5250A
3.77 62.51
0.37 100.0 51.88
0.32 2.91
6.02 82.59
+/-0.1 +/-0.2
1.48 100.0 38.41
+/-0.1 +/-0.2 +/-0.1
1.43 4.10
+/-0.1 +/-0.1
λ=8250A
3.82 86.09
0.23 100.0 48.69
0.16 1.85

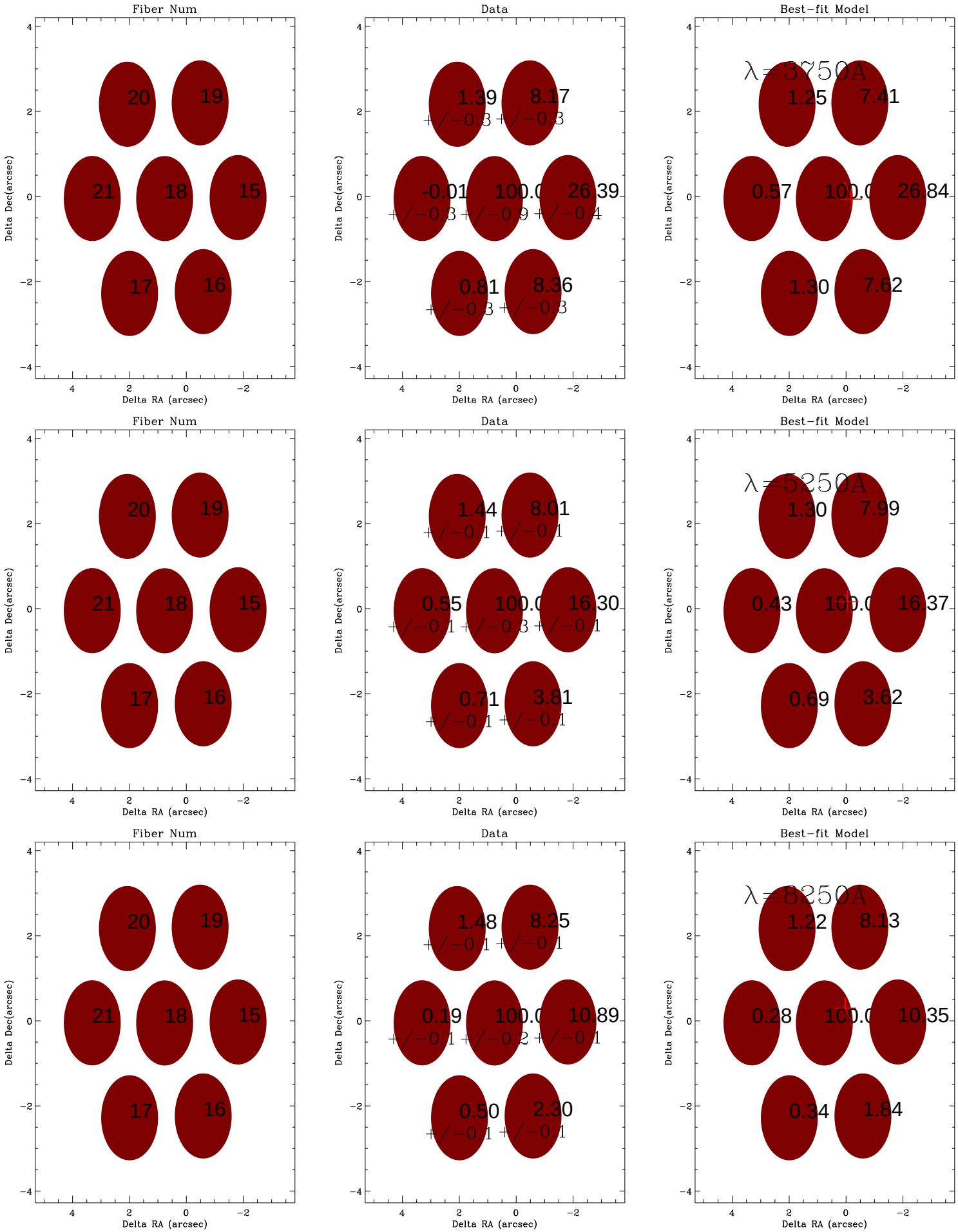

PLATE=8945 MJD=57504 Spectro-Photo Star Bundle 58 Fiber 502
am10k2_6500_4.0.spc
Lines χ^2/DOF= 2.14
Fe/H=−1.0 T_{eff}= 6500. g=4.0 cz= 6.
Normalized Flux
Wavelength [Ang]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
3850
3900
3950
4000
4050
4100

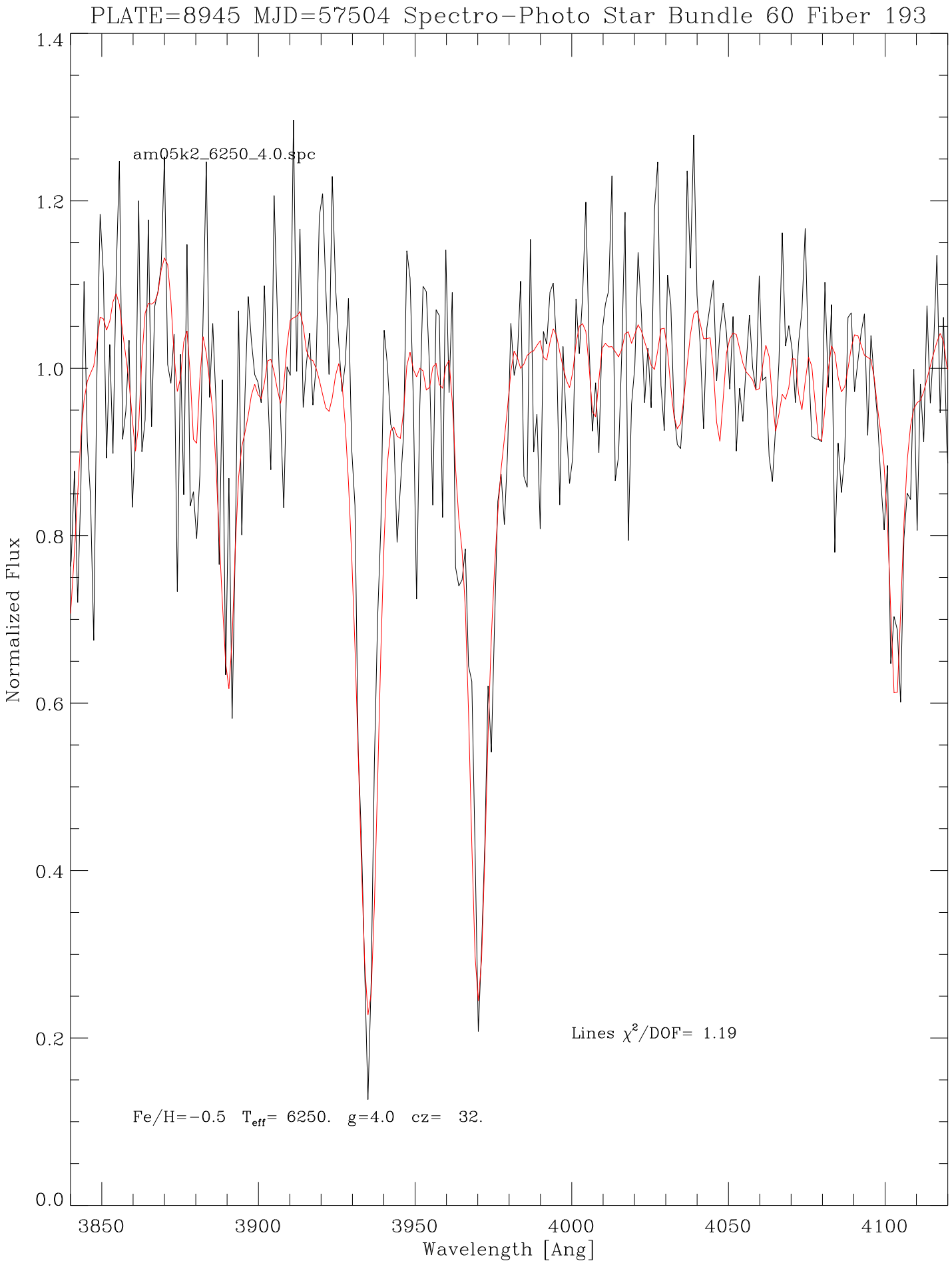

1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Normalized Flux
8600
8800
9000
Wavelength [Ang]

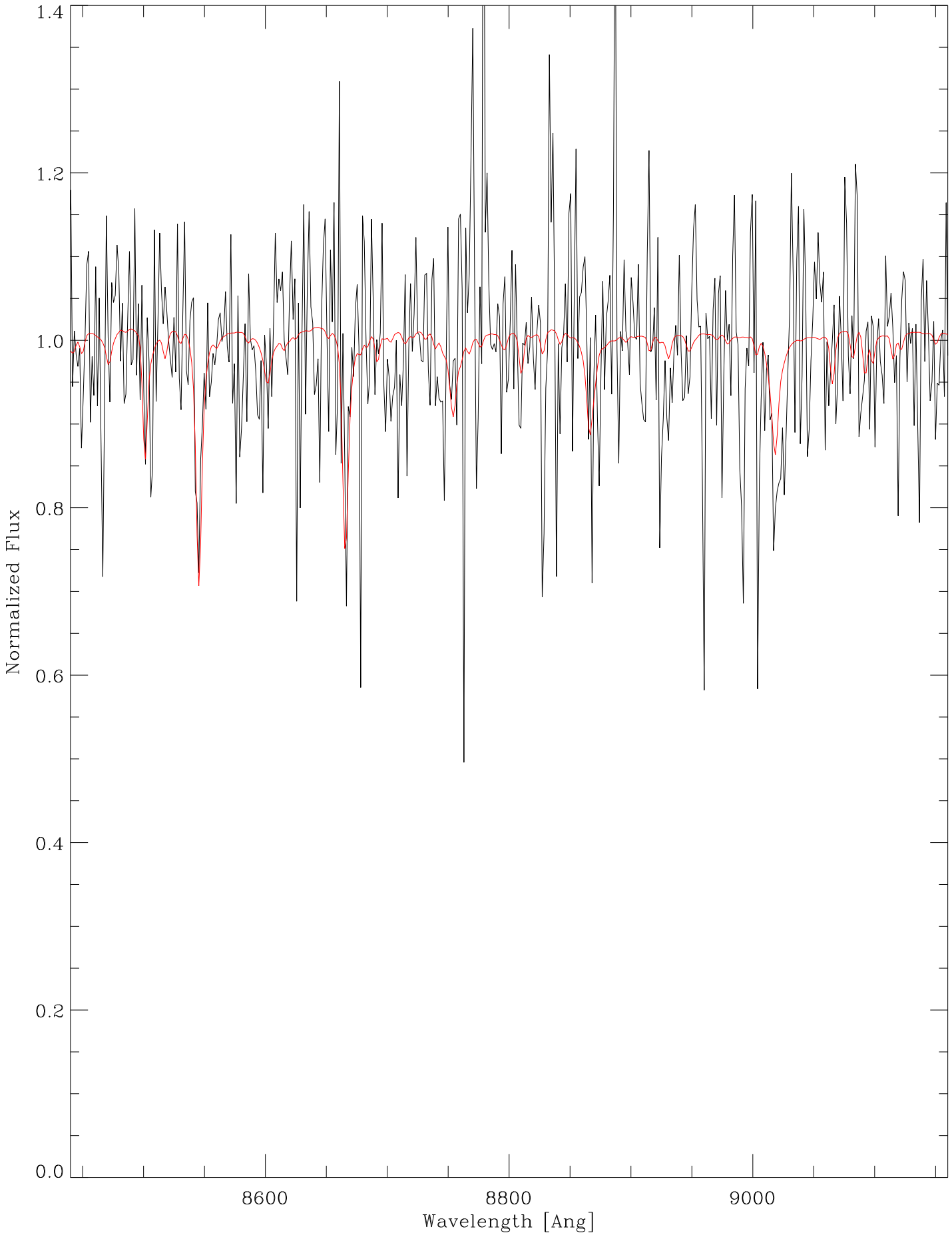

Fiber Num
Data
Best-fit Model
Delta Dec(arcsec)
Delta RA (arcsec)
13
12
14
11
8
10
9
6.34 +/-0.2
28.78 +/-0.3
1.32 +/-0.2
100.0 +/-0.6
14.07 +/-0.2
0.59 +/-0.2
1.85 +/-0.2
λ=3750A
5.52
28.43
1.21
100.0
14.03
0.81
2.35
8.19 +/-0.1
59.35 +/-0.2
1.53 +/-0.1
100.0 +/-0.3
11.09 +/-0.1
0.77 +/-0.1
1.21 +/-0.1
λ=5250A
8.68
59.50
0.99
100.0
11.50
0.37
1.17
14.30 +/-0.1
117.87 +/-0.3
2.14 +/-0.1
100.0 +/-0.3
12.11 +/-0.1
0.47 +/-0.1
0.95 +/-0.1
λ=8250A
14.18
118.00
0.80
100.0
10.63
0.16
0.58

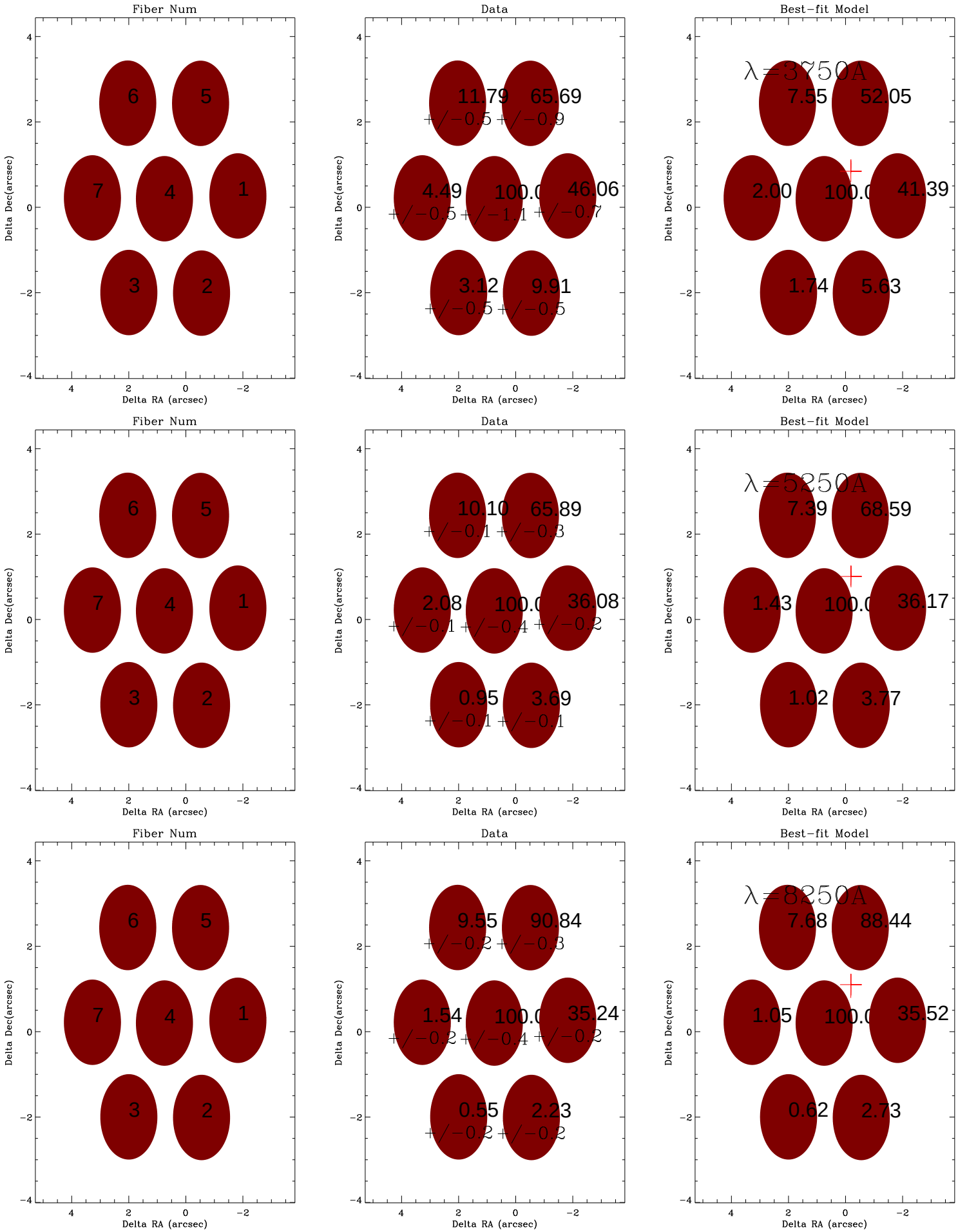

PLATE=8945 MJD=57504 Spectro-Photo Star Bundle 59 Fiber 495
am10k2_6250_4.0.spc
Lines χ^2/DOF= 3.78
Fe/H=−1.0 T_{eff}= 6250. g=4.0 cz= −93.
Normalized Flux
Wavelength [Ang]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
3850
3900
3950
4000
4050
4100

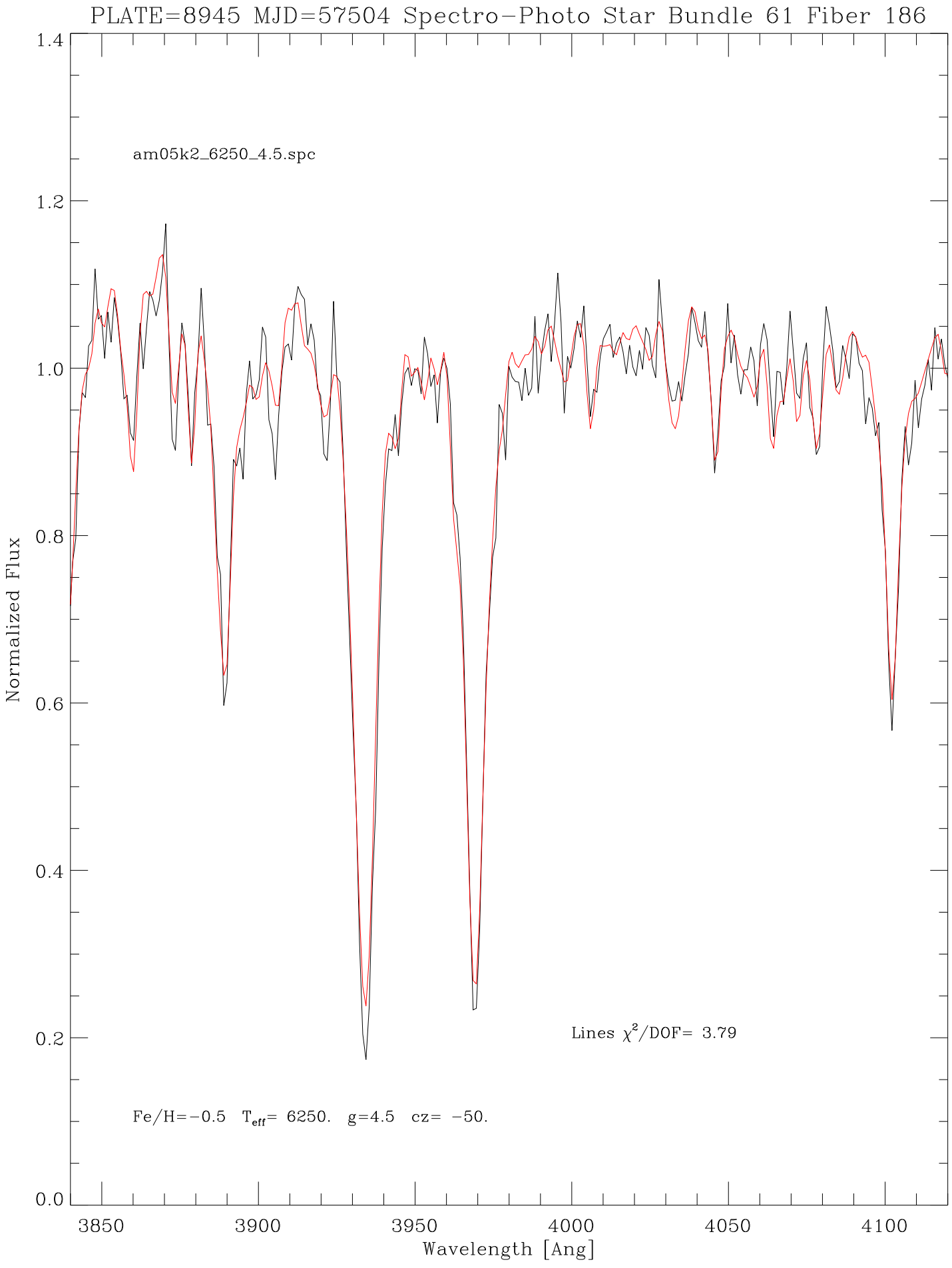

1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Normalized Flux
8600
8800
9000
Wavelength [Ang]

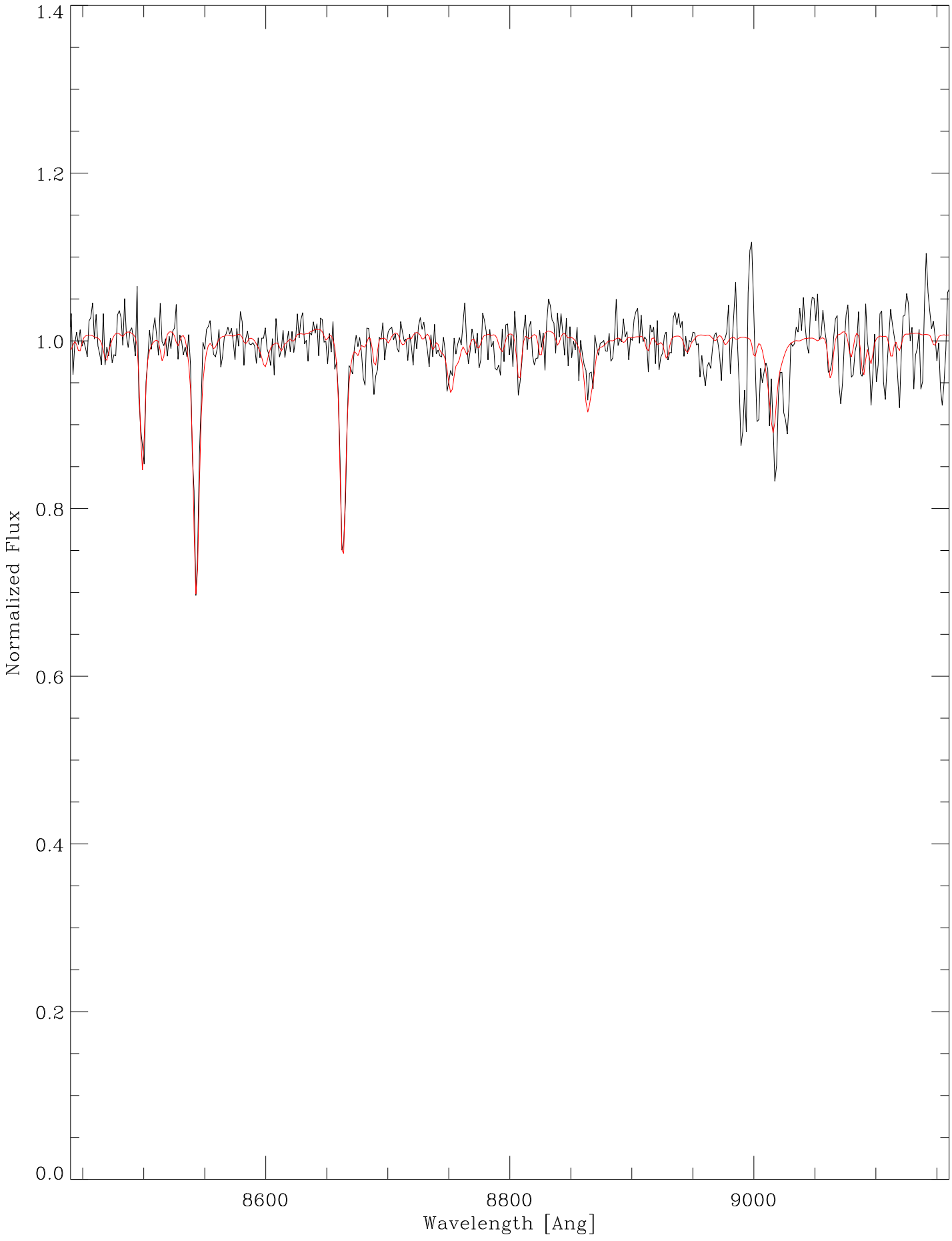

Fiber Num
Data
Best-fit Model
λ=3750A
1.39 8.17
+/-0.3 +/-0.3
-0.01 100.0 26.39
+/-0.3 +/-0.9 +/-0.4
0.81 8.36
+/-0.3 +/-0.3
1.25 7.41
0.57 100.0 26.84
1.30 7.62
λ=5250A
1.44 8.01
+/-0.1 +/-0.1
0.55 100.0 16.30
+/-0.1 +/-0.3 +/-0.1
0.71 3.81
+/-0.1 +/-0.1
1.30 7.99
0.43 100.0 16.37
0.69 3.62
λ=8250A
1.48 8.25
+/-0.1 +/-0.1
0.19 100.0 10.89
+/-0.1 +/-0.2 +/-0.1
0.50 2.30
+/-0.1 +/-0.1
1.22 8.13
0.28 100.0 10.35
0.34 1.84
20 19
21 18 15
17 16
Delta RA (arcsec)
Delta Dec(arcsec)

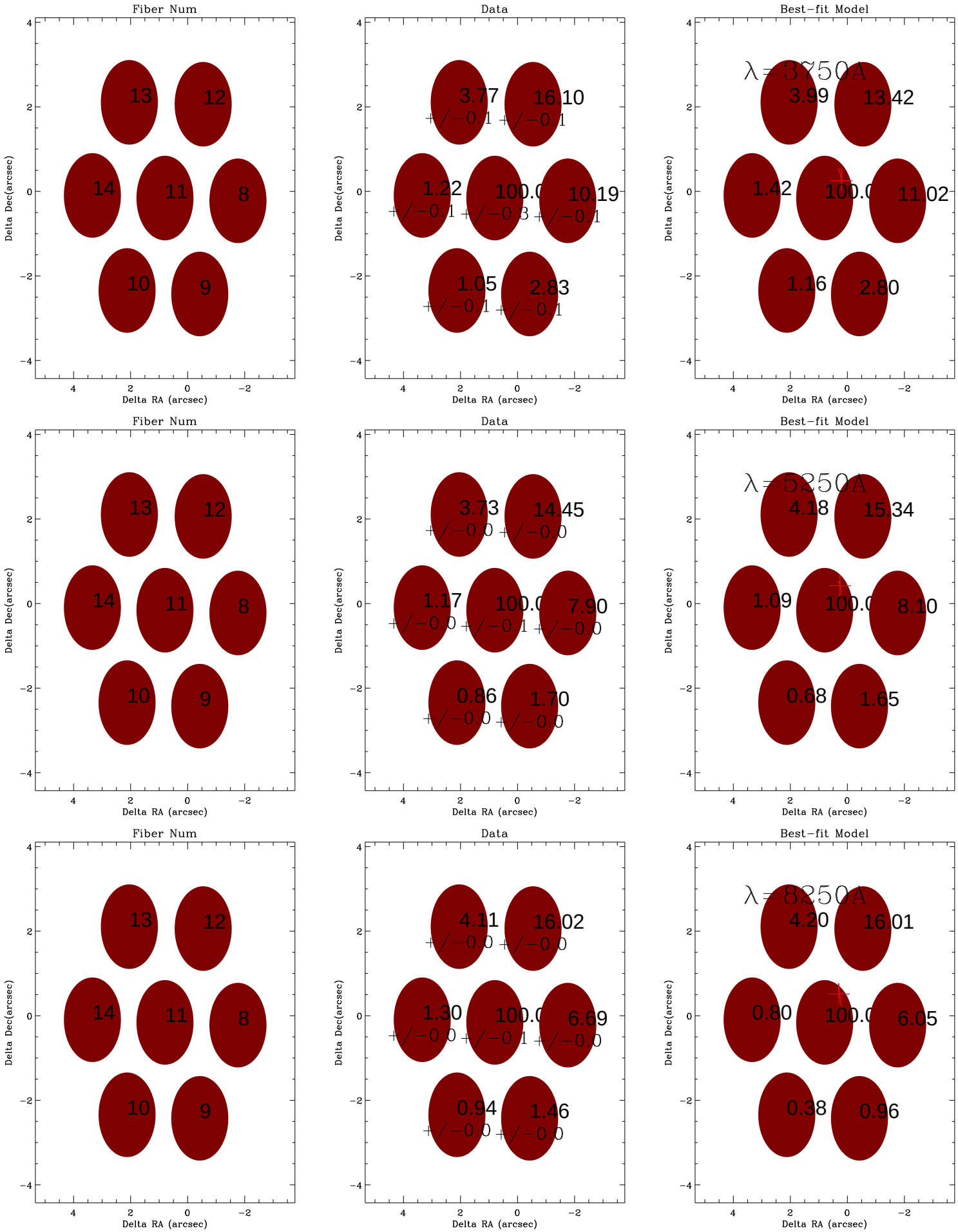

PLATE=8945 MJD=57504 Spectro-Photo Star Bundle 60 Fiber 193
am05k2_6250_4.0.spc
Normalized Flux
Wavelength [Ang]
Lines χ^2/DOF= 1.19
Fe/H=−0.5 T_{eff}= 6250. g=4.0 cz= 32.
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
3850
3900
3950
4000
4050
4100

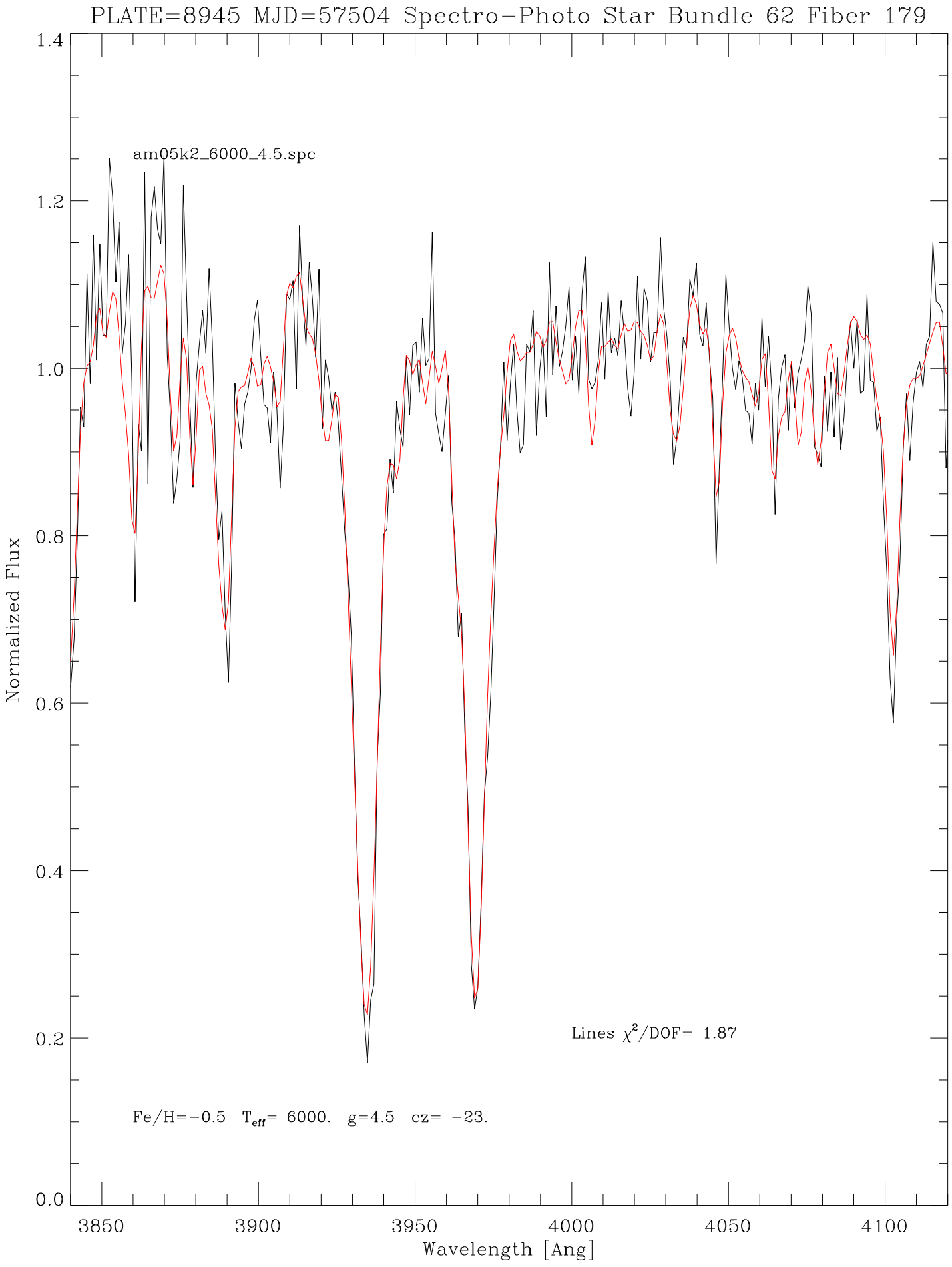

1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Normalized Flux
8600
8800
9000
Wavelength [Ang]

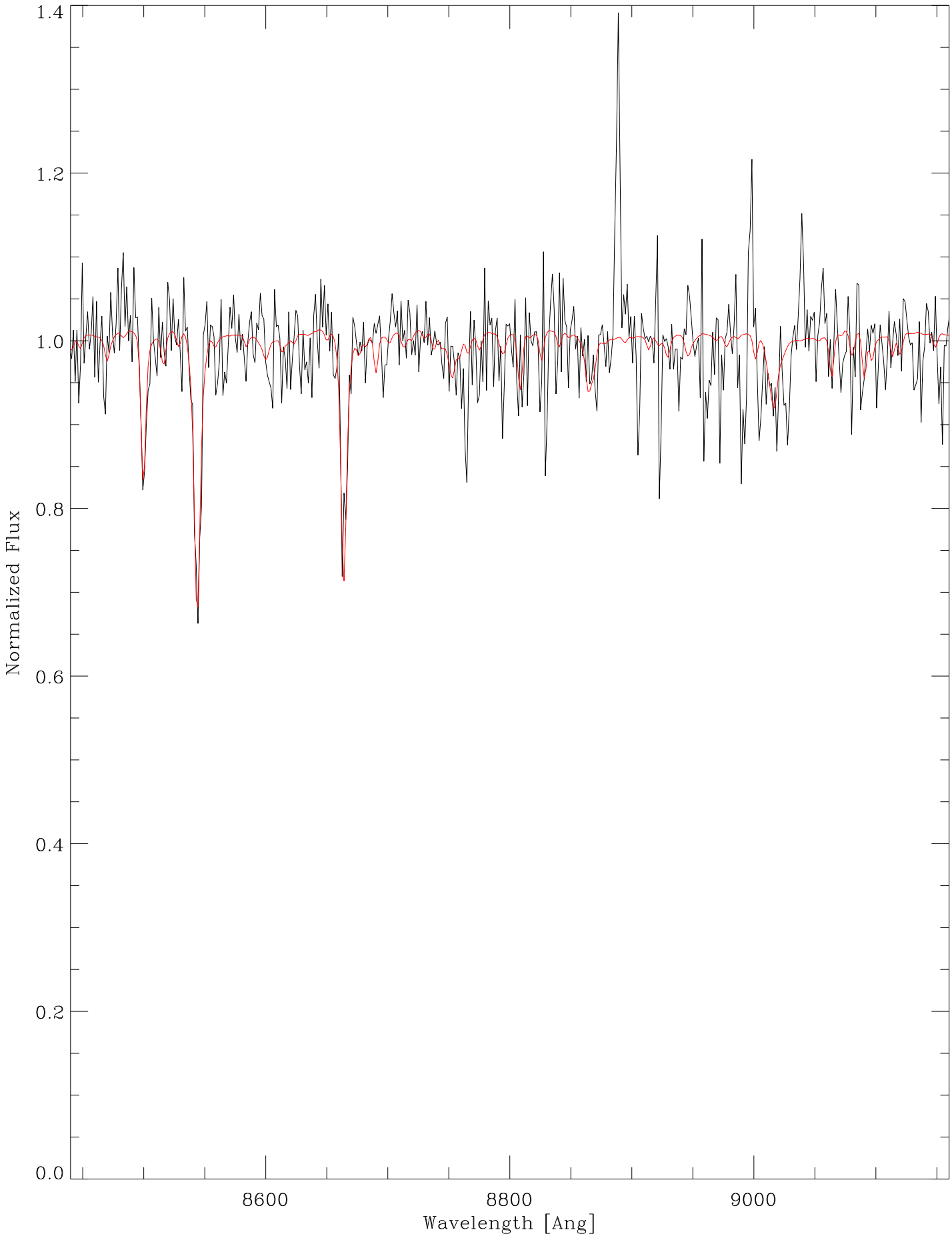

Fiber Num
Data
Best-fit Model
Delta Dec(arcsec)
Delta RA (arcsec)
6
5
7
4
1
3
2
11.79 +/-0.5
65.69 +/-0.9
4.49 +/-0.5
100.0 +/-1.1
46.06 +/-0.7
3.12 +/-0.5
9.91 +/-0.5
λ=3750A
7.55
52.05
2.00
100.0
41.39
1.74
5.63
10.10 +/-0.1
65.89 +/-0.3
2.08 +/-0.1
100.0 +/-0.4
36.08 +/-0.2
0.95 +/-0.1
3.69 +/-0.1
λ=5250A
7.39
68.59
1.43
100.0
36.17
1.02
3.77
9.55 +/-0.2
90.84 +/-0.3
1.54 +/-0.2
100.0 +/-0.4
35.24 +/-0.2
0.55 +/-0.2
2.23 +/-0.2
λ=8250A
7.68
88.44
1.05
100.0
35.52
0.62
2.73

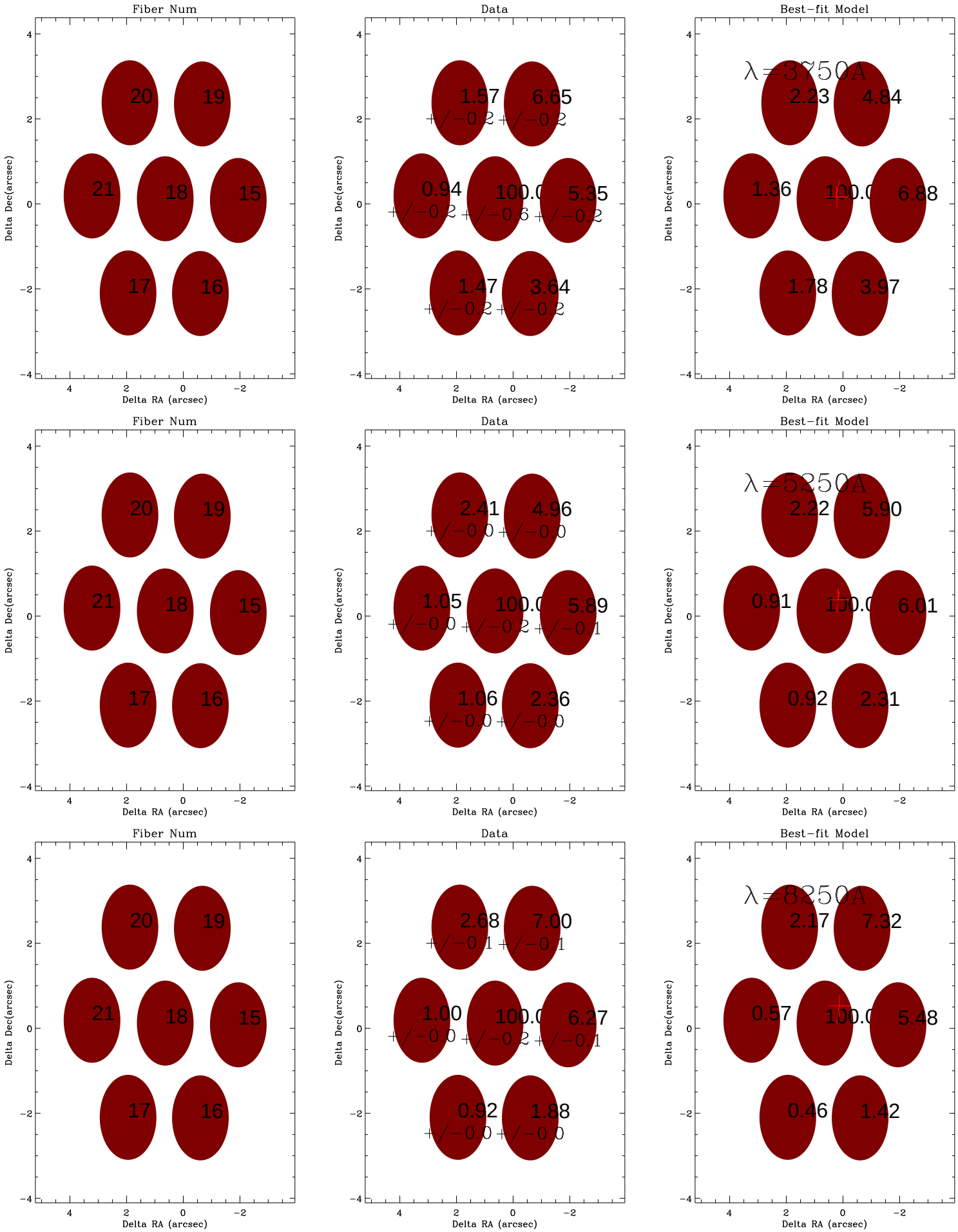

PLATE=8945 MJD=57504 Spectro-Photo Star Bundle 61 Fiber 186
am05k2_6250_4.5.spc
Normalized Flux
Wavelength [Ang]
Lines χ^2/DOF= 3.79
Fe/H=−0.5 T_{eff}= 6250. g=4.5 cz= −50.
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
3850
3900
3950
4000
4050
4100

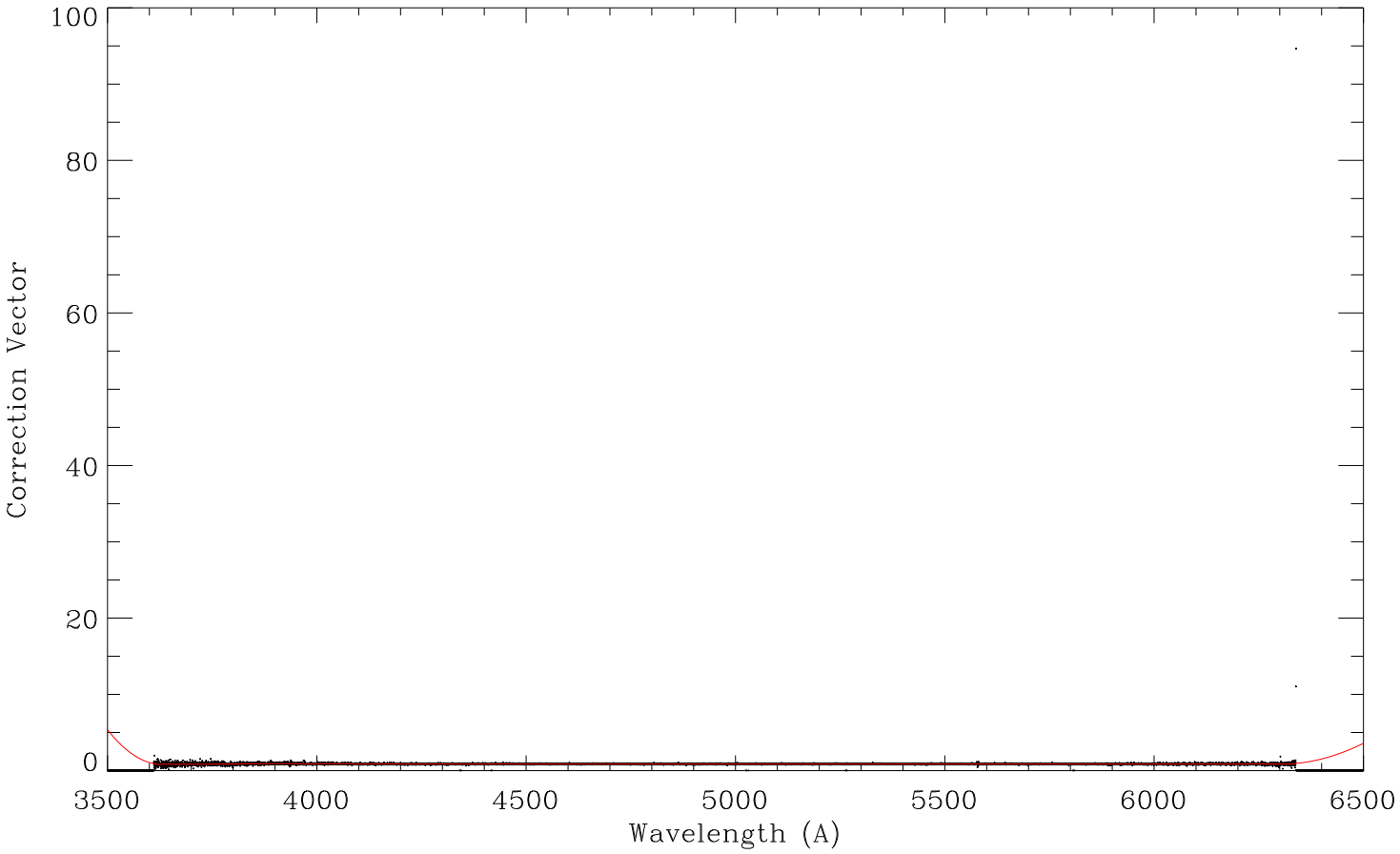

1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Normalized Flux
8600
8800
9000
Wavelength [Ang]

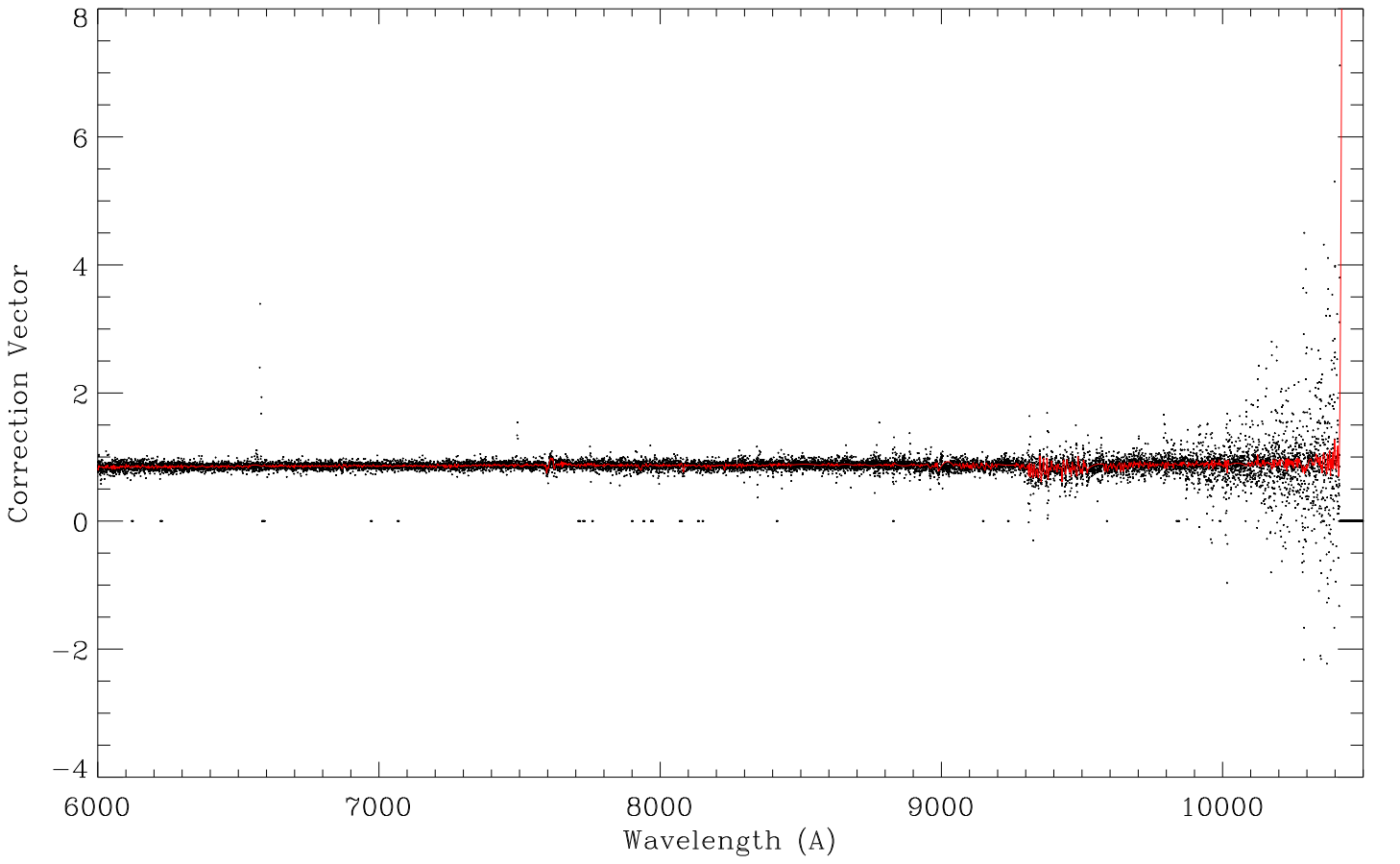

Fiber Num
Data
Best-fit Model
λ=3750A
λ=5250A
λ=8250A
Delta Dec(arcsec)
Delta RA (arcsec)
13
12
14
11
8
10
9
3.77 +/-0.1
16.10 +/-0.1
1.22 +/-0.1
100.0 +/-0.3
10.19 +/-0.1
1.05 +/-0.1
2.83 +/-0.1
3.99
13.42
1.42
100.0
11.02
1.16
2.80
3.73 +/-0.0
14.45 +/-0.0
1.17 +/-0.0
100.0 +/-0.1
7.90 +/-0.0
0.86 +/-0.0
1.70 +/-0.0
4.18
15.34
1.09
100.0
8.10
0.68
1.65
4.11 +/-0.0
16.02 +/-0.0
1.30 +/-0.0
100.0 +/-0.1
6.69 +/-0.0
0.94 +/-0.0
1.46 +/-0.0
4.20
16.01
0.80
100.0
6.05
0.38
0.96


PLATE=8945 MJD=57504 Spectro-Photo Star Bundle 62 Fiber 179
am05k2_6000_4.5.spc
Normalized Flux
Wavelength [Ang]
Lines χ^2/DOF= 1.87
Fe/H=−0.5 T_{eff}= 6000. g=4.5 cz= −23.
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
1.57 +/-0.2 6.65 +/-0.2
0.94 +/-0.2 100.0 +/-0.6 5.35 +/-0.2
1.47 +/-0.2 3.64 +/-0.2
2.23 4.84
1.36 100.0 6.88
1.78 3.97
2.41 +/-0.0 4.96 +/-0.0
1.05 +/-0.0 100.0 +/-0.2 5.89 +/-0.1
1.06 +/-0.0 2.36 +/-0.0
2.22 5.90
0.91 100.0 6.01
0.92 2.31
2.68 +/-0.1 7.00 +/-0.1
1.00 +/-0.0 100.0 +/-0.2 6.27 +/-0.1
0.92 +/-0.0 1.88 +/-0.0
2.17 7.32
0.57 100.0 5.48
0.46 1.42


100
80
60
40
20
0
Correction Vector
3500
4000
4500
5000
5500
6000
6500
Wavelength (A)


8
6
4
2
0
−2
−4
Correction Vector
6000
7000
8000
9000
10000
Wavelength (A)