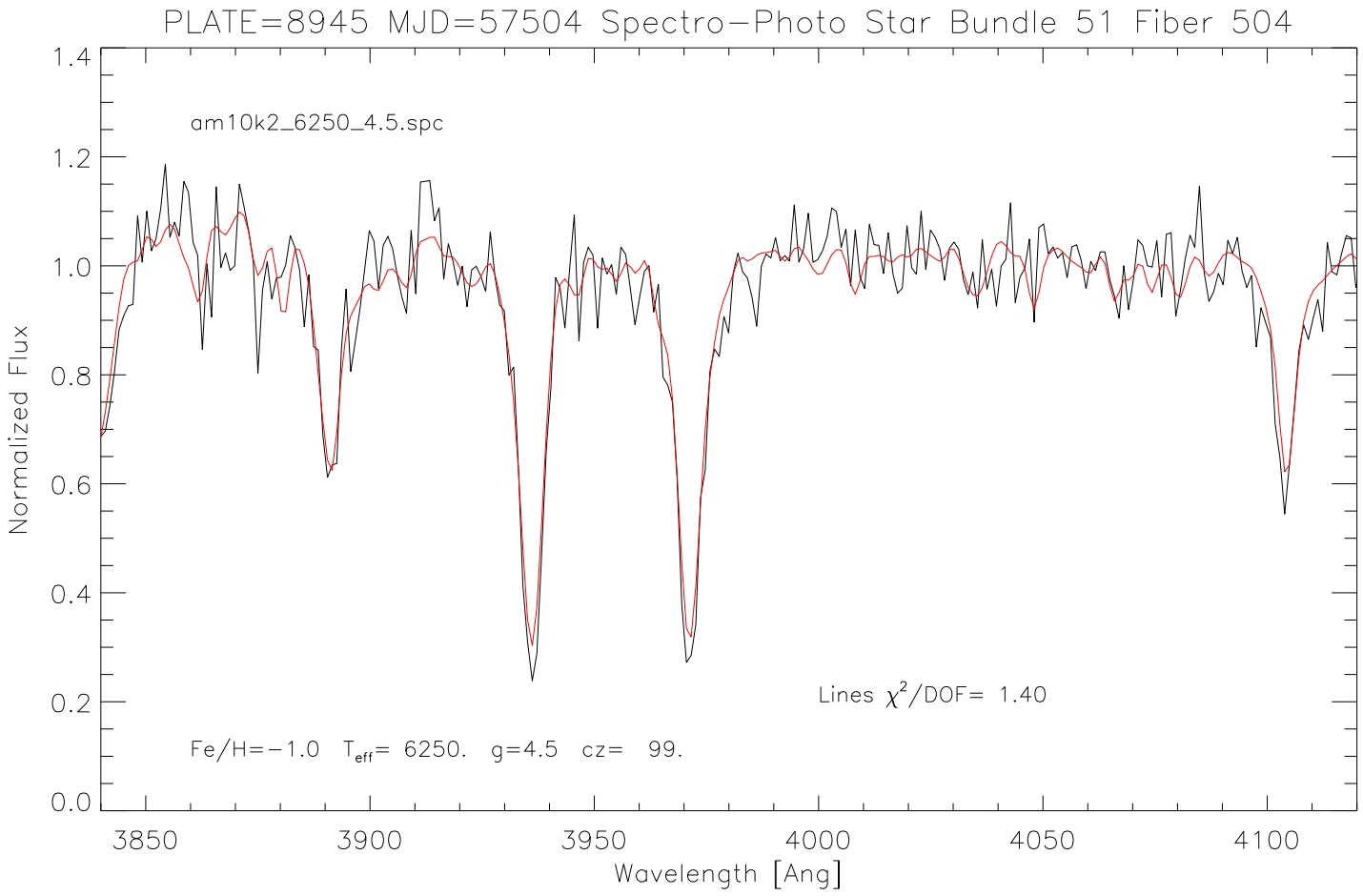
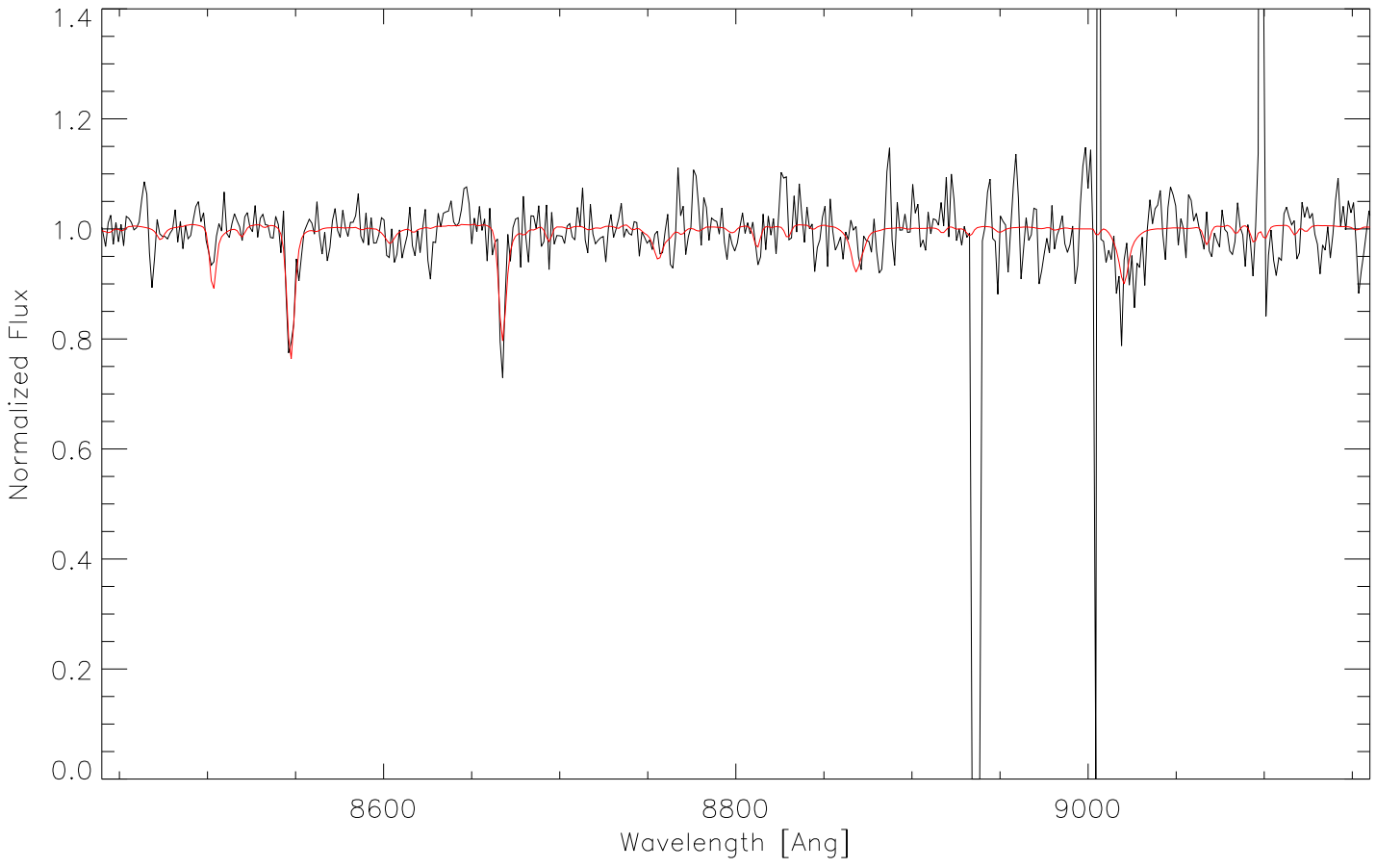
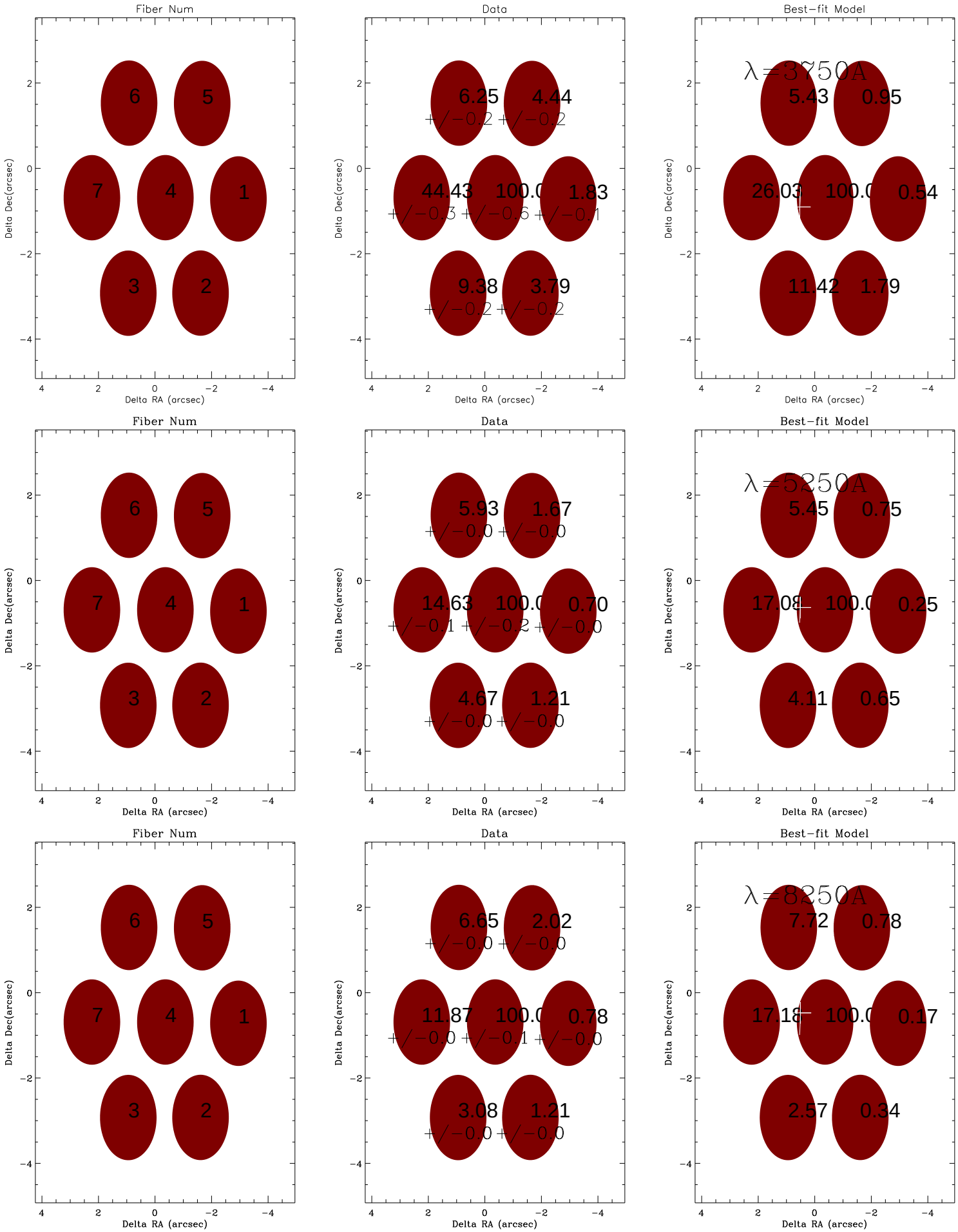
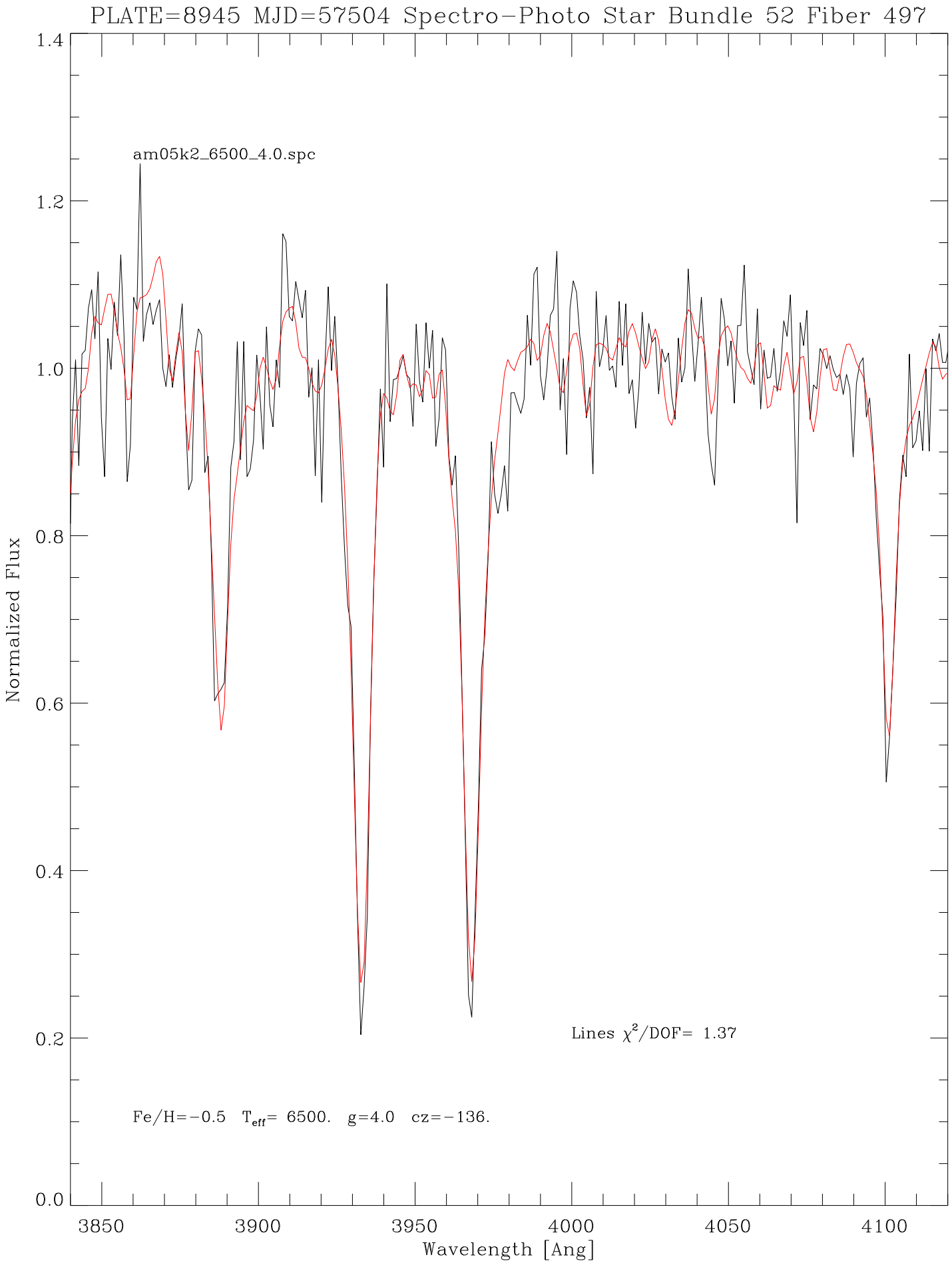
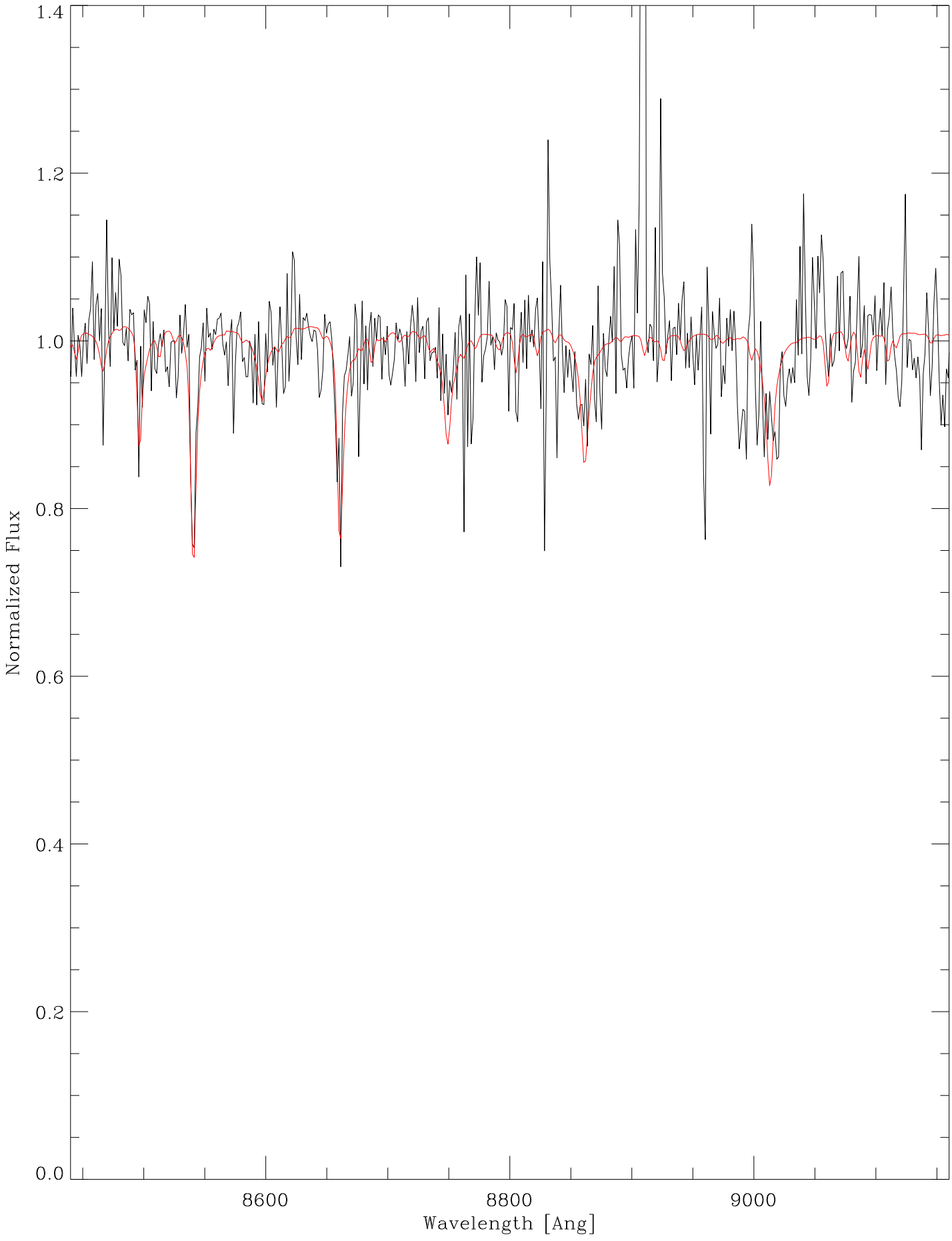
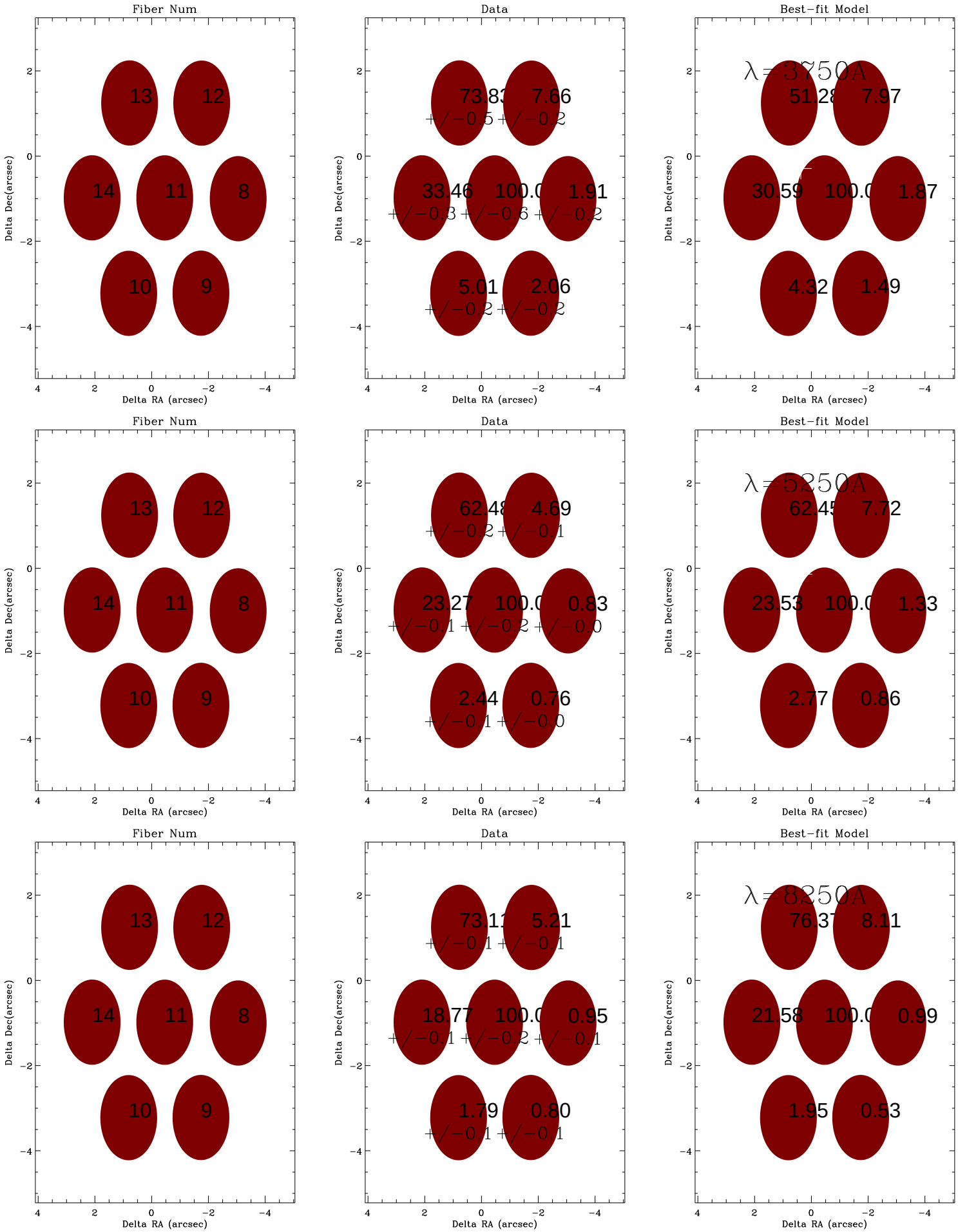

PLATE=8945 MJD=57504 Spectro−Photo Star Bundle 51 Fiber 504
am10k2_6250_4.5.spc
Lines χ²/DOF= 1.40
Fe/H=−1.0 T_eff= 6250. g=4.5 cz= 99.
Normalized Flux
Wavelength [Ang]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
3850
3900
3950
4000
4050
4100

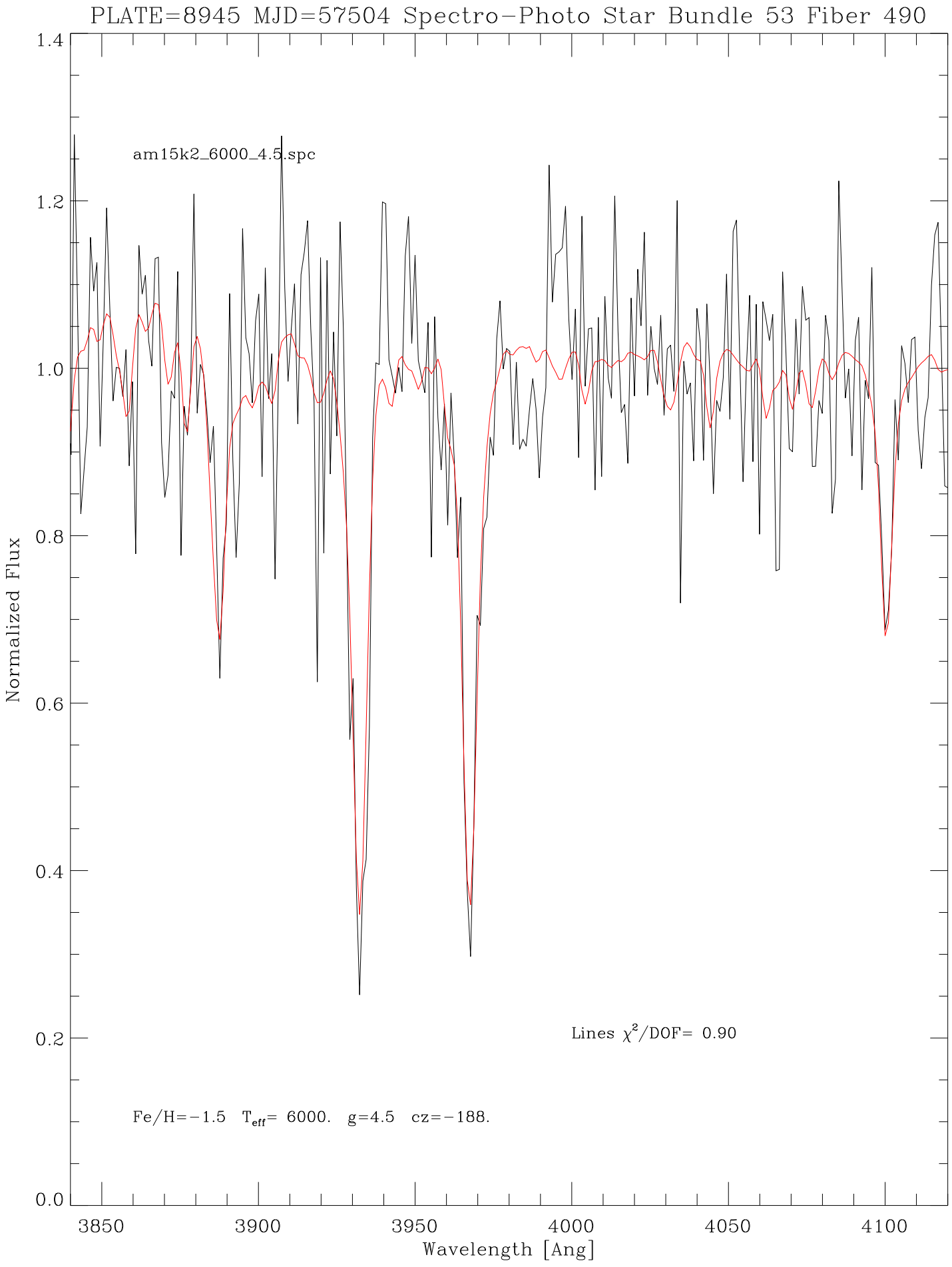

Normalized Flux
Wavelength [Ang]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
8600
8800
9000

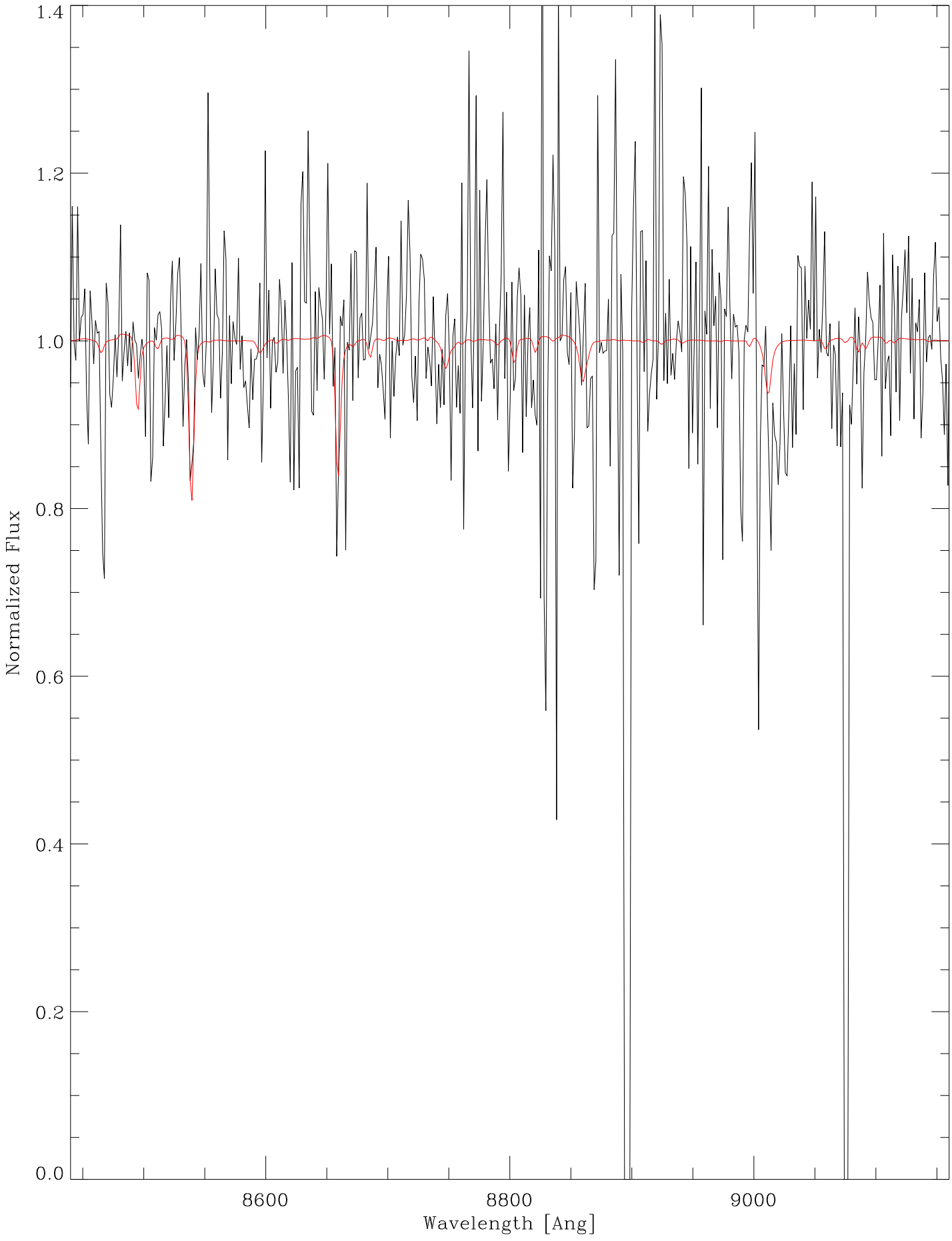

Fiber Num
Data
Best−fit Model
λ=3750A
λ=5250A
λ=8250A
6
5
7
4
1
3
2
6.25 4.44
+/−0.2 +/−0.2
44.43 100.0 1.83
+/−0.3 +/−0.6 +/−0.1
9.38 3.79
+/−0.2 +/−0.2
5.43 0.95
26.03 100.0 0.54
11.42 1.79
5.93 1.67
+/−0.0 +/−0.0
14.63 100.0 0.70
+/−0.1 +/−0.2 +/−0.0
4.67 1.21
+/−0.0 +/−0.0
5.45 0.75
17.08 100.0 0.25
4.11 0.65
6.65 2.02
+/−0.0 +/−0.0
11.87 100.0 0.78
+/−0.0 +/−0.1 +/−0.0
3.08 1.21
+/−0.0 +/−0.0
7.72 0.78
17.18 100.0 0.17
2.57 0.34
Delta Dec(arcsec)
Delta RA (arcsec)
2
0
−2
−4
4
2
0
−2
−4

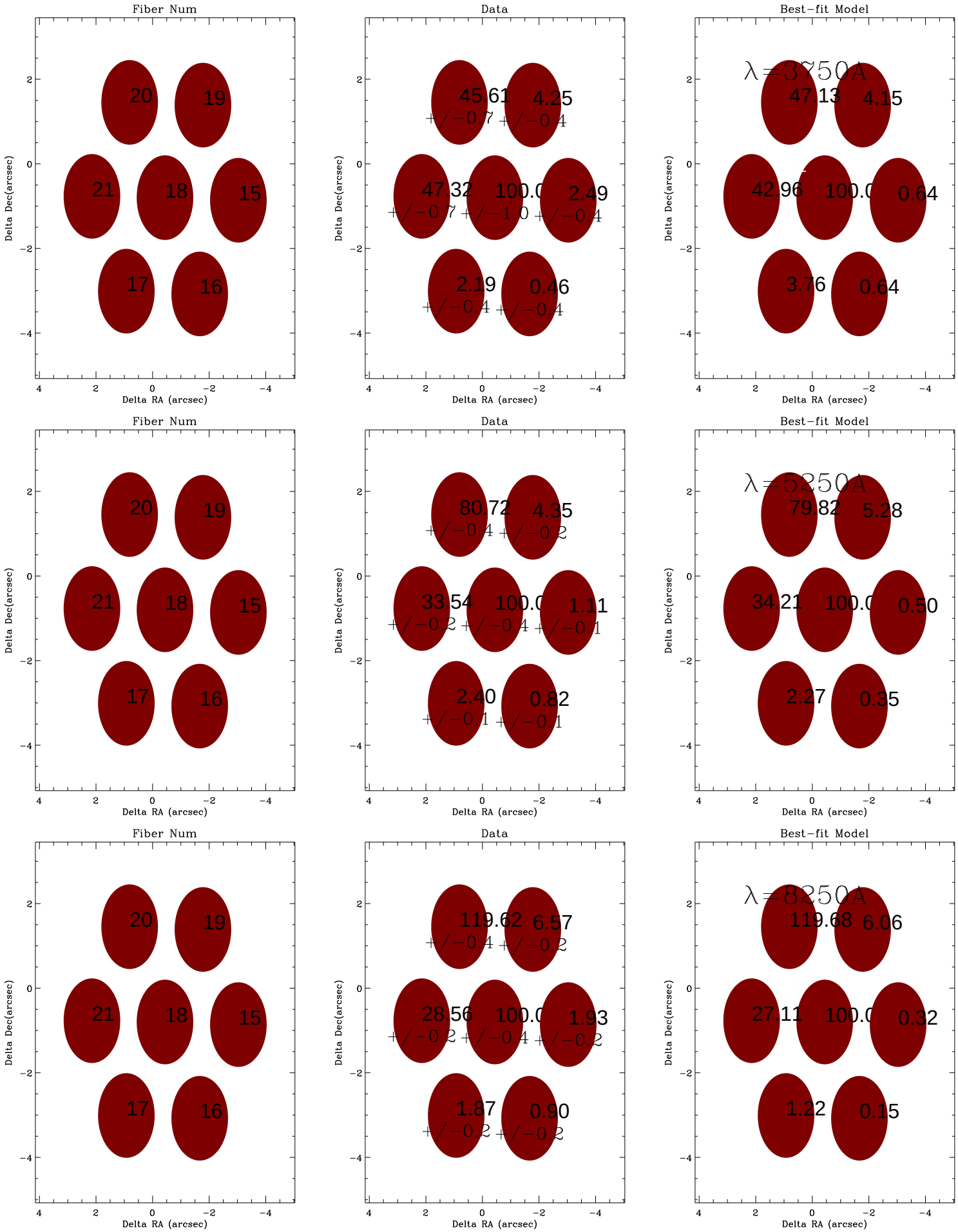

PLATE=8945 MJD=57504 Spectro-Photo Star Bundle 52 Fiber 497
am05k2_6500_4.0.spc
Normalized Flux
Wavelength [Ang]
Lines χ^2/DOF= 1.37
Fe/H=−0.5 T_{eff}= 6500. g=4.0 cz=−136.
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
3850
3900
3950
4000
4050
4100

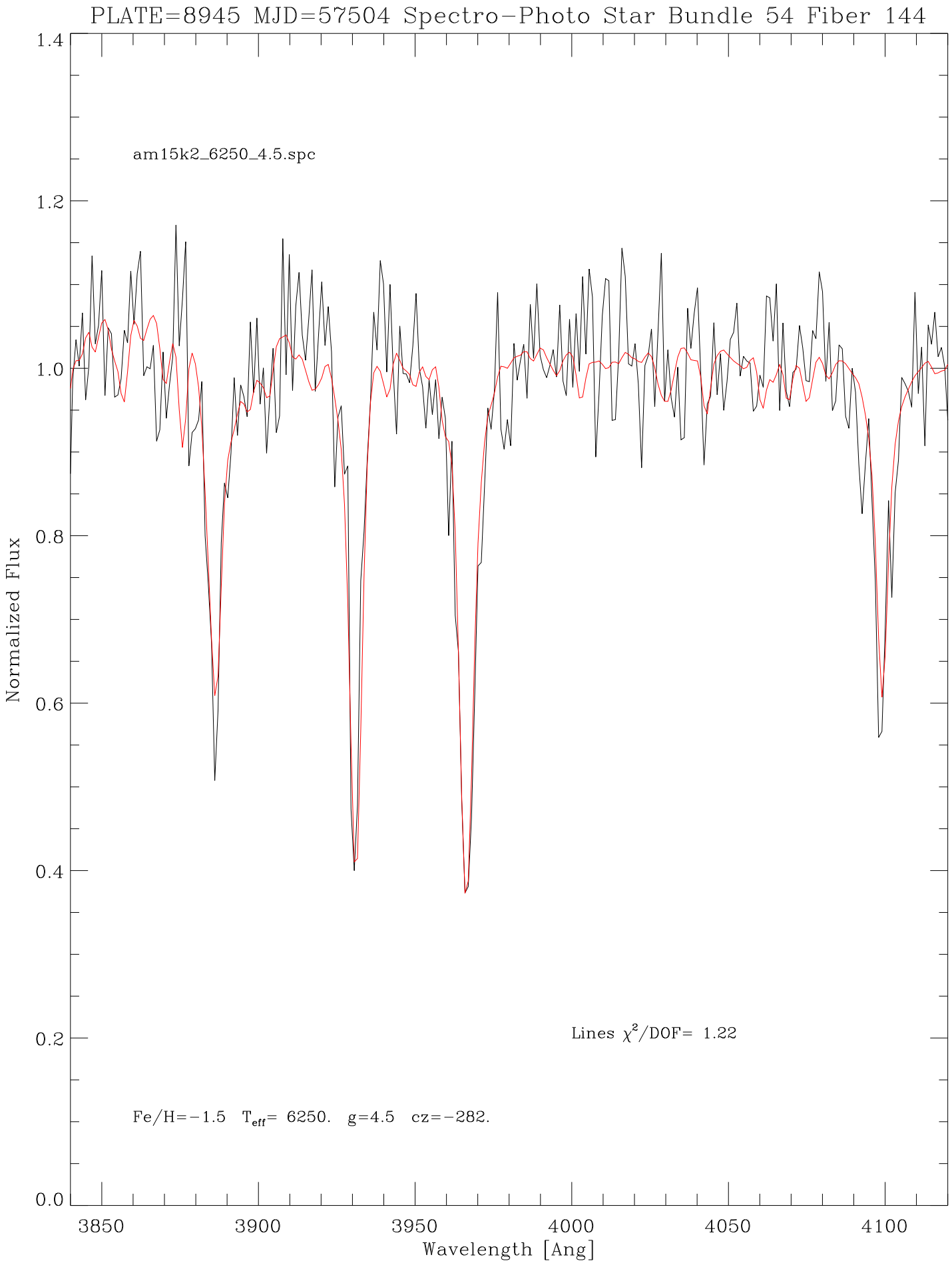

1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Normalized Flux
8600
8800
9000
Wavelength [Ang]

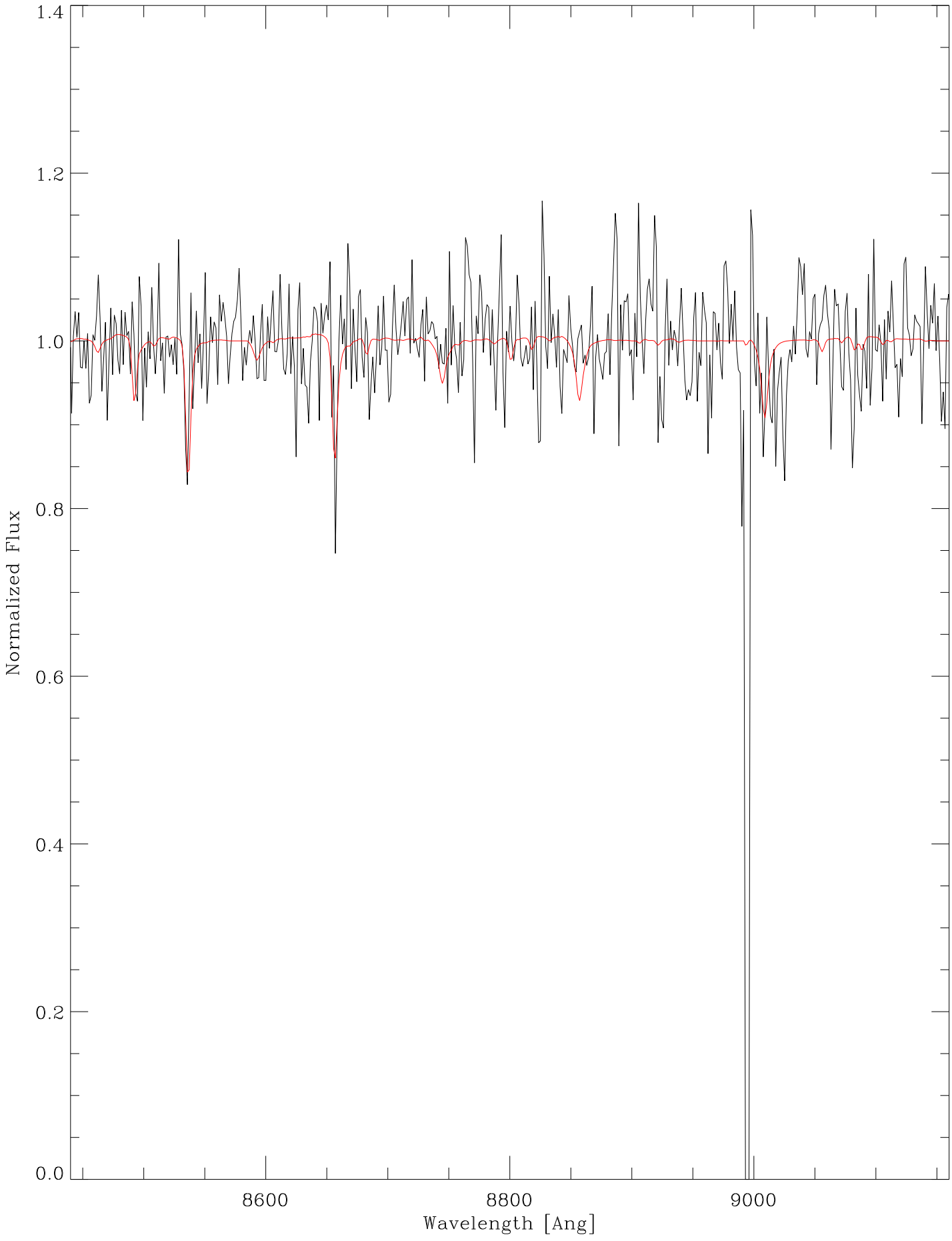

Fiber Num
Data
Best-fit Model
λ=3750A
λ=5250A
λ=8250A
Delta RA (arcsec)
Delta Dec(arcsec)
13
12
14
11
8
10
9
73.83 7.66
+/−0.5 +/−0.2
33.46 100.0 1.91
+/−0.3 +/−0.6 +/−0.2
5.01 2.06
+/−0.2 +/−0.2
51.28 7.97
30.59 100.0 1.87
4.32 1.49
62.48 4.69
+/−0.2 +/−0.1
23.27 100.0 0.83
+/−0.1 +/−0.2 +/−0.0
2.44 0.76
+/−0.1 +/−0.0
62.45 7.72
23.53 100.0 1.33
2.77 0.86
73.11 5.21
+/−0.1 +/−0.1
18.77 100.0 0.95
+/−0.1 +/−0.2 +/−0.1
1.79 0.80
+/−0.1 +/−0.1
76.37 8.11
21.58 100.0 0.99
1.95 0.53

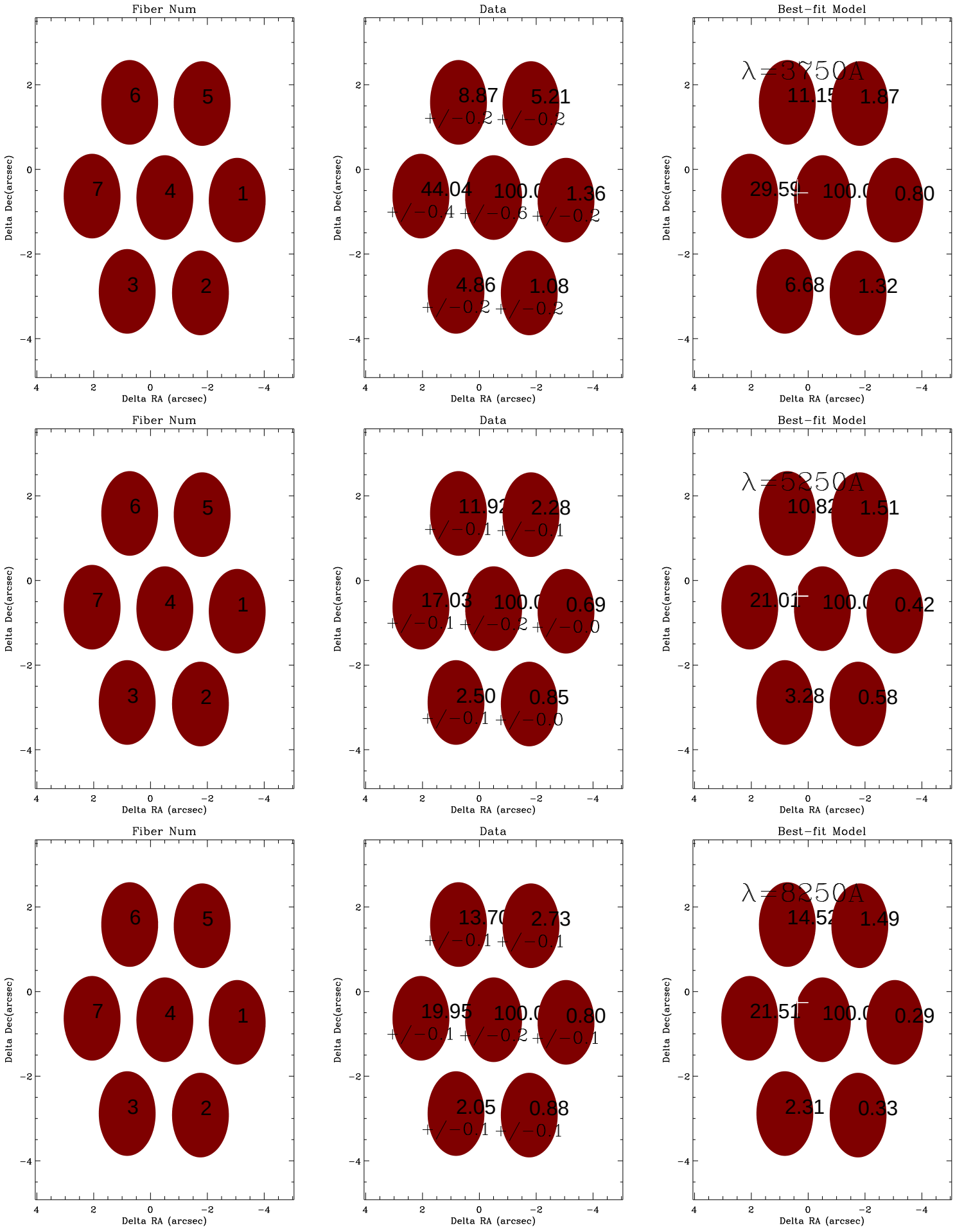

PLATE=8945 MJD=57504 Spectro-Photo Star Bundle 53 Fiber 490
am15k2_6000_4.5.spc
Lines χ^2/DOF= 0.90
Fe/H=−1.5 T_{eff}= 6000. g=4.5 cz=−188.
Normalized Flux
Wavelength [Ang]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
3850
3900
3950
4000
4050
4100

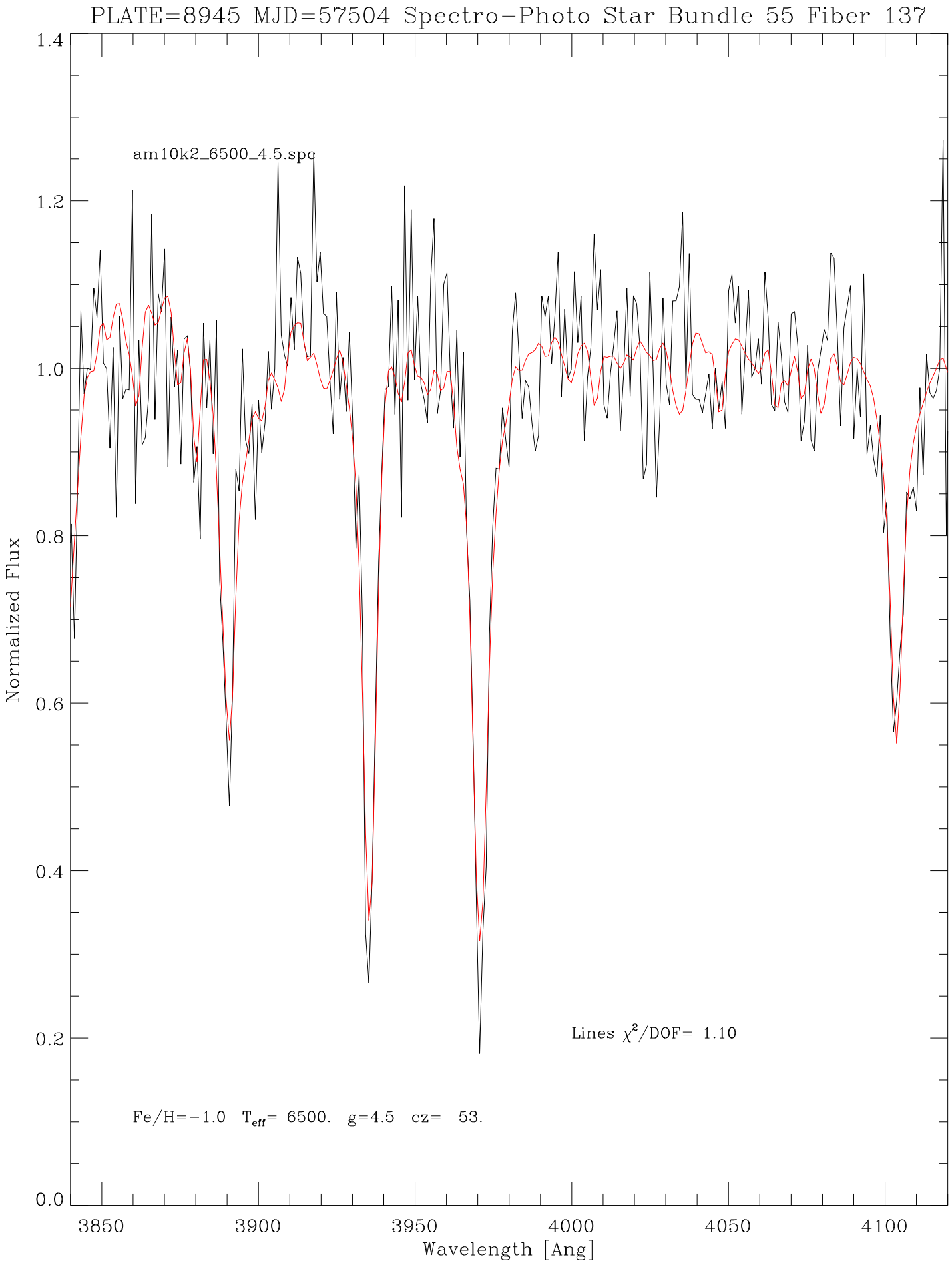

1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Normalized Flux
8600
8800
9000
Wavelength [Ang]

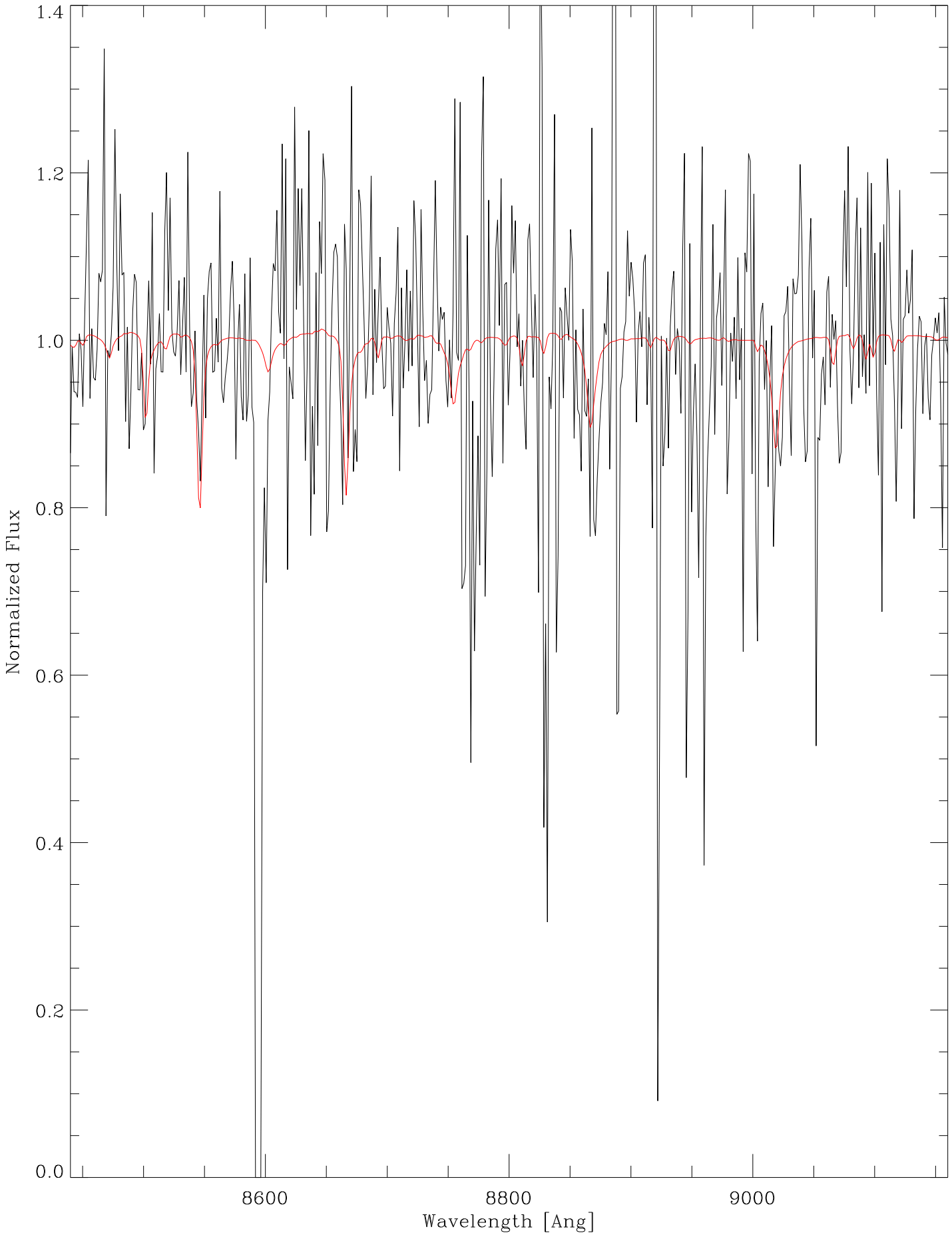

Fiber Num
Data
Best-fit Model
λ=3750A
λ=5250A
λ=8250A
Delta RA (arcsec)
Delta Dec(arcsec)
20
19
21
18
15
17
16
45.61 +/-0.7
4.25 +/-0.4
47.32 +/-0.7
100.0 +/-1.0
2.49 +/-0.4
2.19 +/-0.4
0.46 +/-0.4
47.13
4.15
42.96
100.0
0.64
3.76
0.64
80.72 +/-0.4
4.35 +/-0.2
33.54 +/-0.2
100.0 +/-0.4
1.11 +/-0.1
2.40 +/-0.1
0.82 +/-0.1
79.82
5.28
34.21
100.0
0.50
2.27
0.35
119.62 +/-0.4
6.57 +/-0.2
28.56 +/-0.2
100.0 +/-0.4
1.93 +/-0.2
1.87 +/-0.2
0.90 +/-0.2
119.68
6.06
27.11
100.0
0.32
1.22
0.15

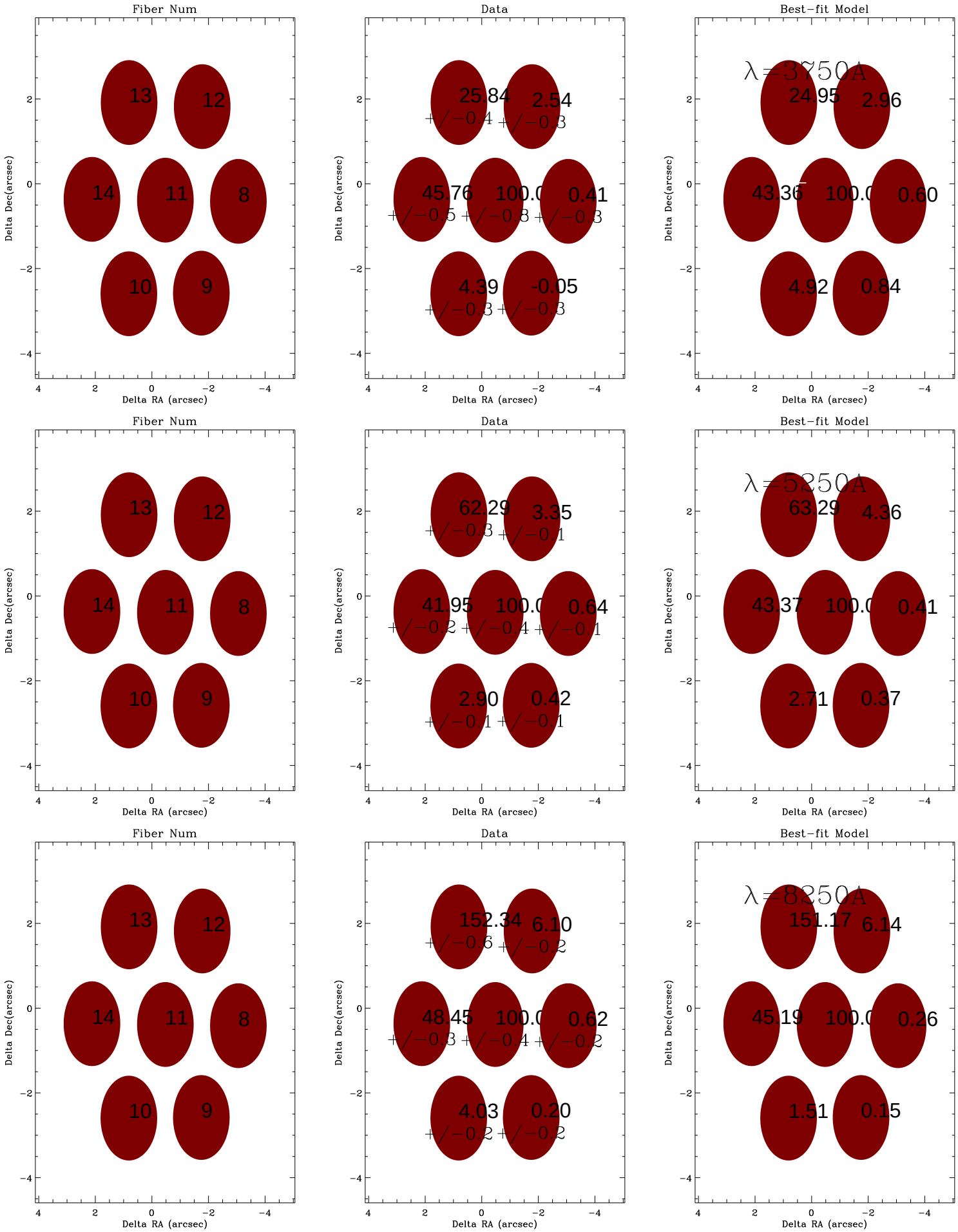

PLATE=8945 MJD=57504 Spectro-Photo Star Bundle 54 Fiber 144
am15k2_6250_4.5.spc
Lines χ^2/DOF= 1.22
Fe/H=−1.5 T_{eff}= 6250. g=4.5 cz=−282.
Normalized Flux
Wavelength [Ang]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
3850
3900
3950
4000
4050
4100

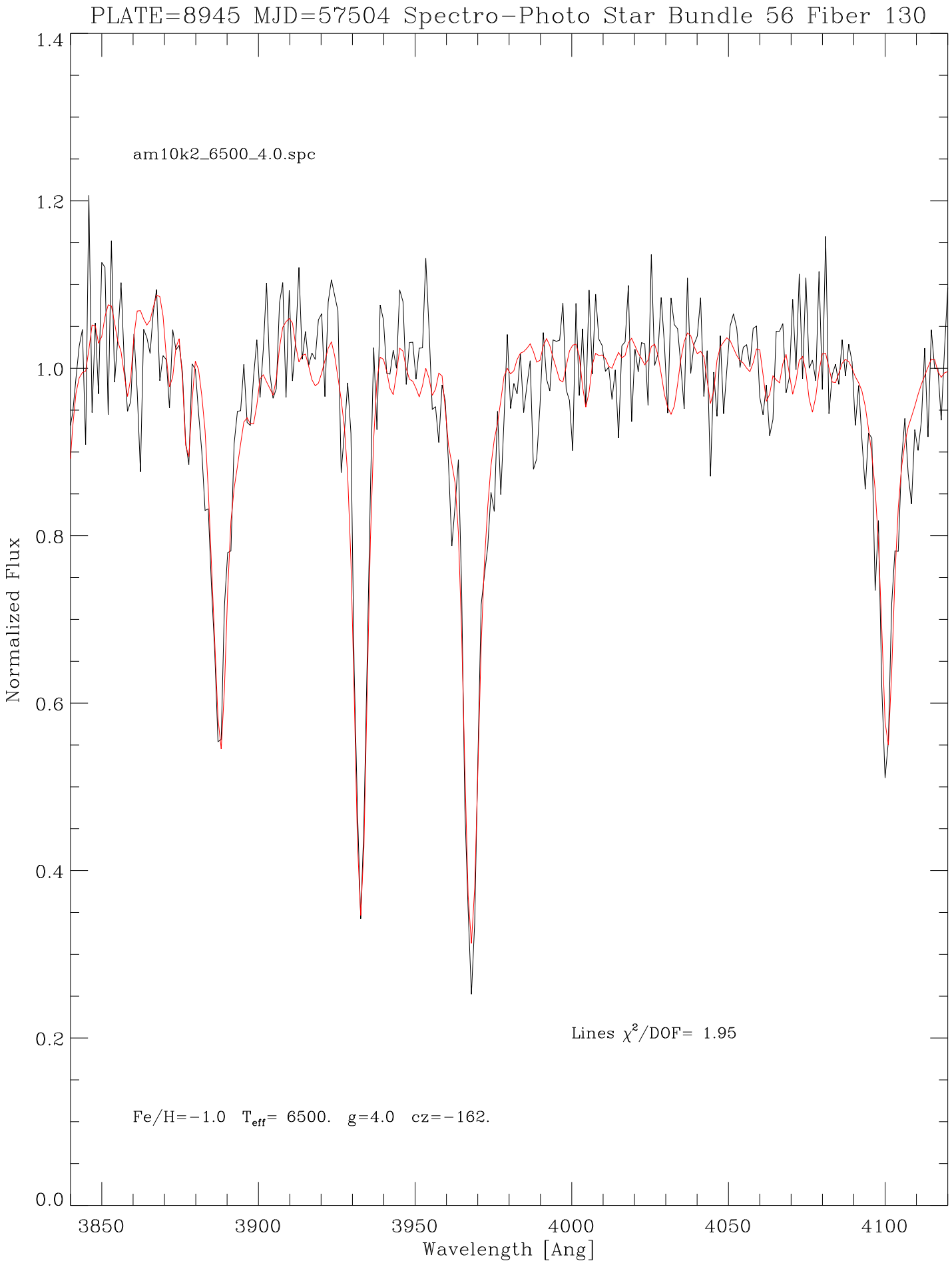

1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Normalized Flux
8600
8800
9000
Wavelength [Ang]

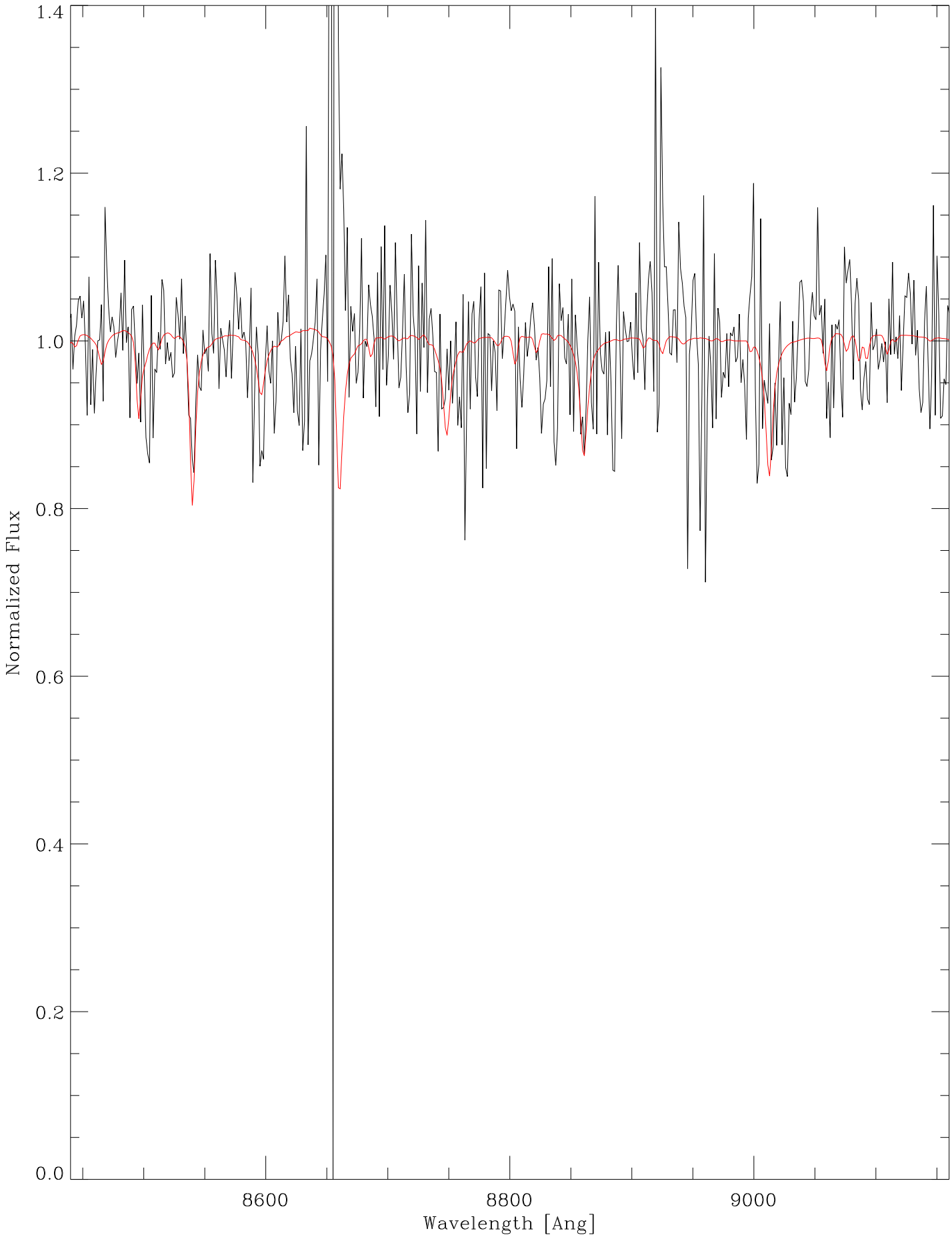

Fiber Num
Data
Best-fit Model
Delta Dec(arcsec)
Delta RA (arcsec)
6
5
7
4
1
3
2
8.87 +/-0.2
5.21 +/-0.2
44.04 +/-0.4
100.0 +/-0.6
1.36 +/-0.2
4.86 +/-0.2
1.08 +/-0.2
λ=3750A
11.15
1.87
29.59
100.0
0.80
6.68
1.32
11.92 +/-0.1
2.28 +/-0.1
17.03 +/-0.1
100.0 +/-0.2
0.69 +/-0.0
2.50 +/-0.1
0.85 +/-0.0
λ=5250A
10.82
1.51
21.01
100.0
0.42
3.28
0.58
13.70 +/-0.1
2.73 +/-0.1
19.95 +/-0.1
100.0 +/-0.2
0.80 +/-0.1
2.05 +/-0.1
0.88 +/-0.1
λ=8250A
14.52
1.49
21.51
100.0
0.29
2.31
0.33

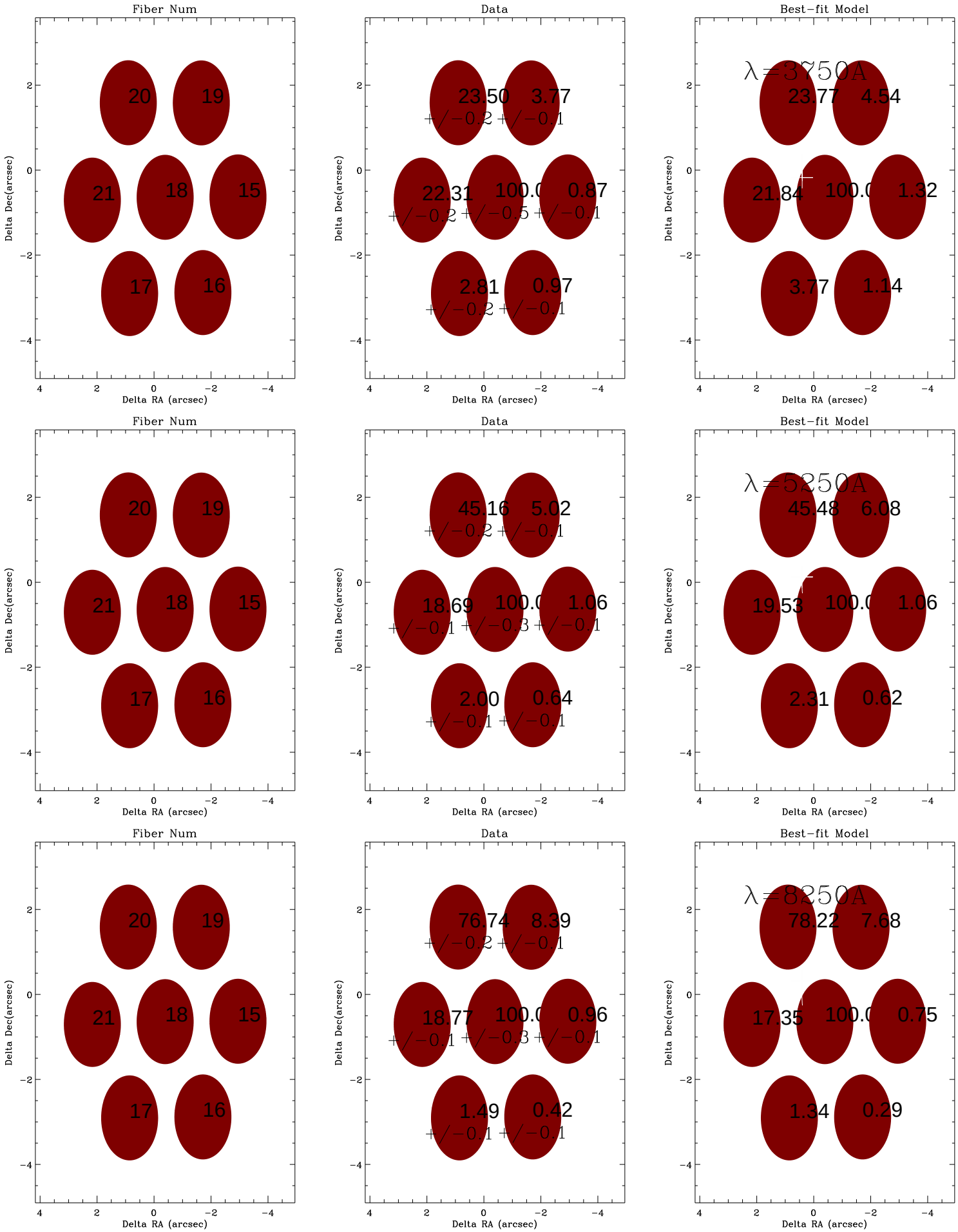

PLATE=8945 MJD=57504 Spectro-Photo Star Bundle 55 Fiber 137
am10k2_6500_4.5.spc
Normalized Flux
Wavelength [Ang]
Lines χ^2/DOF= 1.10
Fe/H=−1.0 T_{eff}= 6500. g=4.5 cz= 53.
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
3850
3900
3950
4000
4050
4100

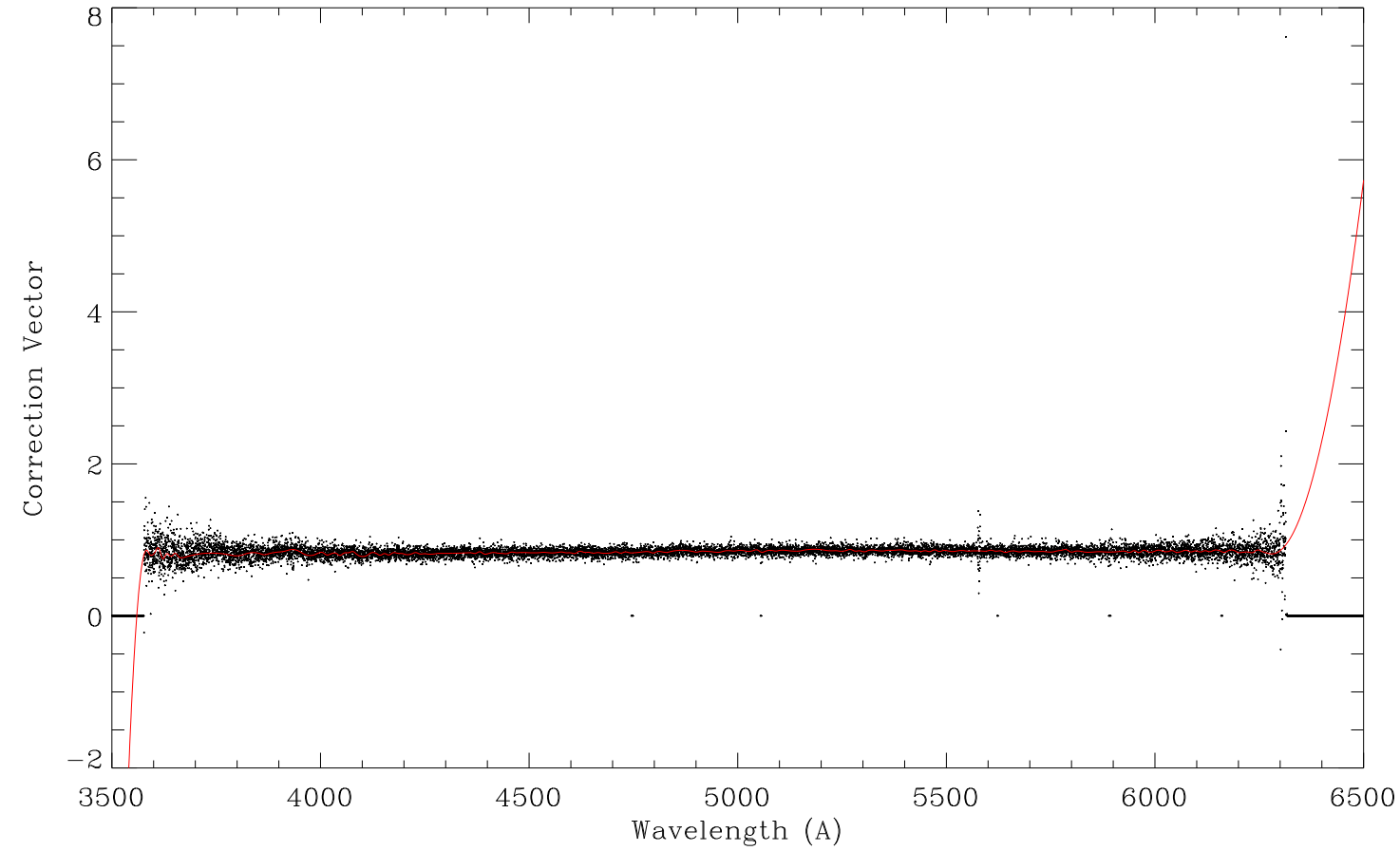

1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Normalized Flux
8600
8800
9000
Wavelength [Ang]

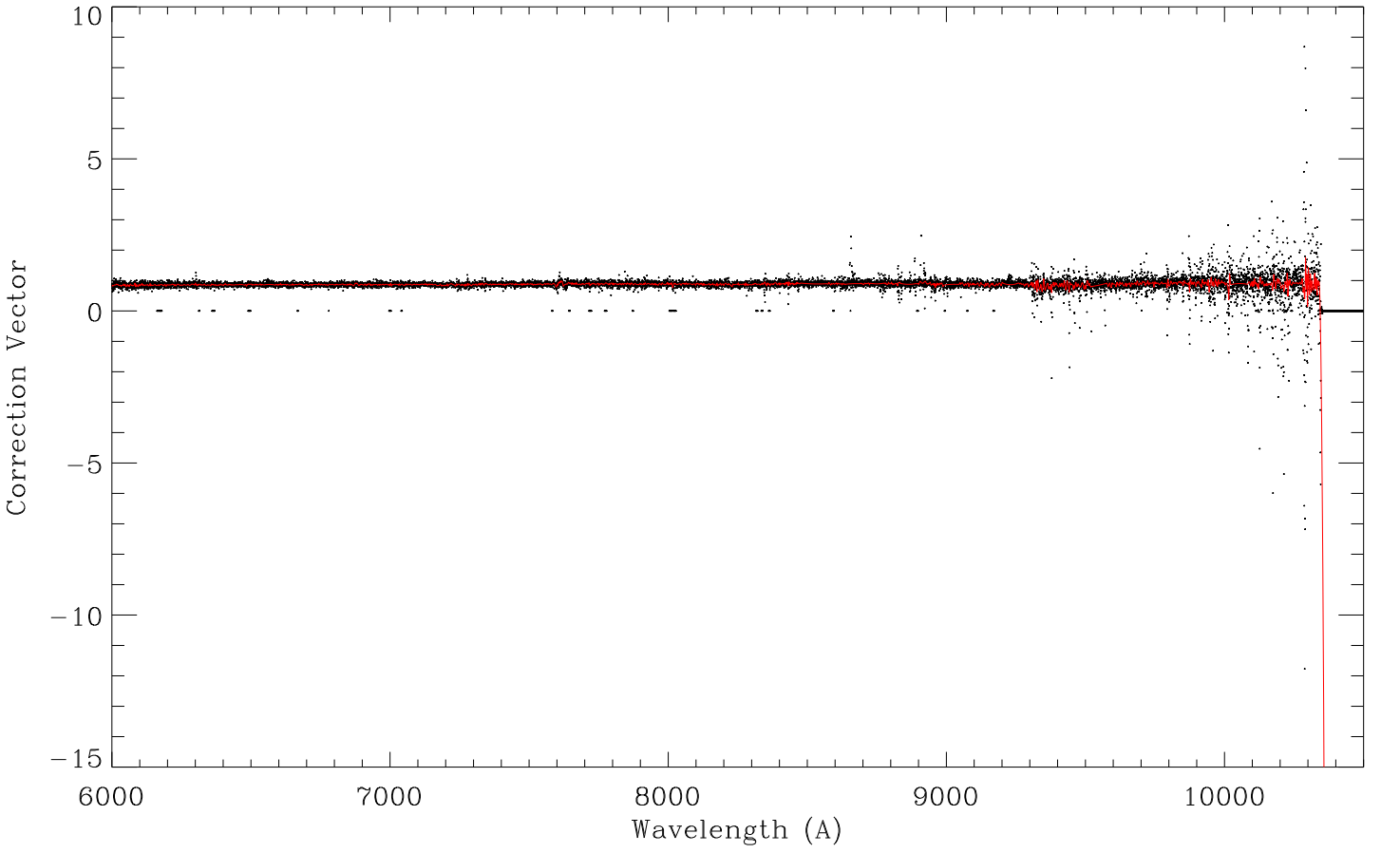

Fiber Num
Data
Best-fit Model
Delta Dec(arcsec)
Delta RA (arcsec)
13
12
14
11
8
10
9
25.84 +/-0.4
2.54 +/-0.3
45.76 +/-0.5
100.0 +/-0.8
0.41 +/-0.3
4.39 +/-0.3
-0.05 +/-0.3
λ=3750A
24.95
2.96
43.36
100.0
0.60
4.92
0.84
62.29 +/-0.3
3.35 +/-0.1
41.95 +/-0.2
100.0 +/-0.4
0.64 +/-0.1
2.90 +/-0.1
0.42 +/-0.1
λ=5250A
63.29
4.36
43.37
100.0
0.41
2.71
0.37
152.34 +/-0.6
6.10 +/-0.2
48.45 +/-0.3
100.0 +/-0.4
0.62 +/-0.2
4.03 +/-0.2
0.20 +/-0.2
λ=8250A
151.17
6.14
45.19
100.0
0.26
1.51
0.15


PLATE=8945 MJD=57504 Spectro-Photo Star Bundle 56 Fiber 130
am10k2_6500_4.0.spc
Normalized Flux
Wavelength [Ang]
Lines χ²/DOF= 1.95
Fe/H=−1.0 T_eff= 6500. g=4.0 cz=−162.
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)
20
19
21
18
15
17
16
23.50 3.77
+/-0.2 +/-0.1
22.31 100.0 0.87
+/-0.2 +/-0.5 +/-0.1
2.81 0.97
+/-0.2 +/-0.1
λ=3750A
23.77 4.54
21.84 100.0 1.32
3.77 1.14
45.16 5.02
+/-0.2 +/-0.1
18.69 100.0 1.06
+/-0.1 +/-0.3 +/-0.1
2.00 0.64
+/-0.1 +/-0.1
λ=5250A
45.48 6.08
19.53 100.0 1.06
2.31 0.62
76.74 8.39
+/-0.2 +/-0.1
18.77 100.0 0.96
+/-0.1 +/-0.3 +/-0.1
1.49 0.42
+/-0.1 +/-0.1
λ=8250A
78.22 7.68
17.35 100.0 0.75
1.34 0.29


Correction Vector
8
6
4
2
0
−2
3500
4000
4500
5000
5500
6000
6500
Wavelength (A)


Correction Vector
10
5
0
−5
−10
−15
6000
7000
8000
9000
10000
Wavelength (A)