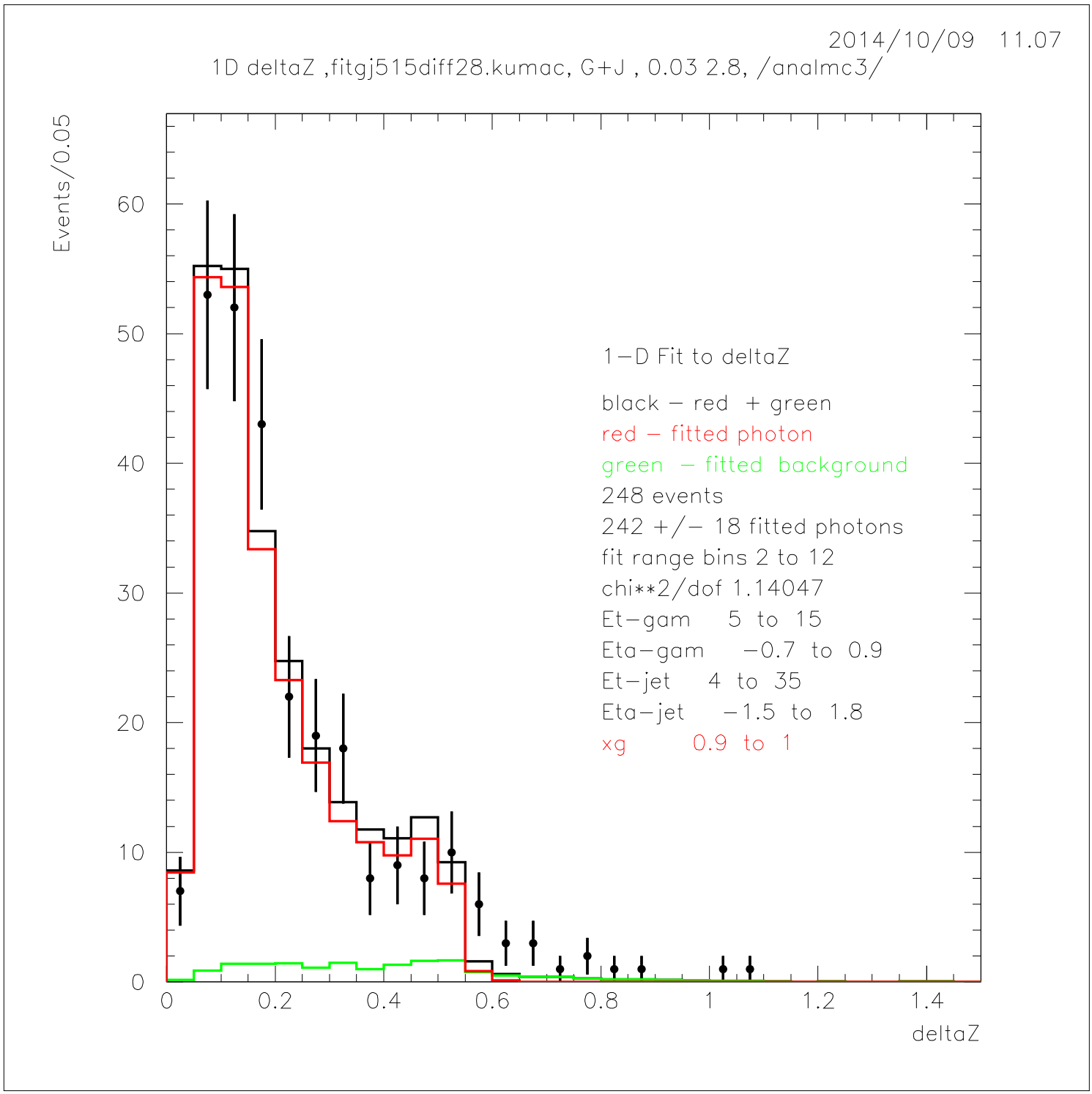
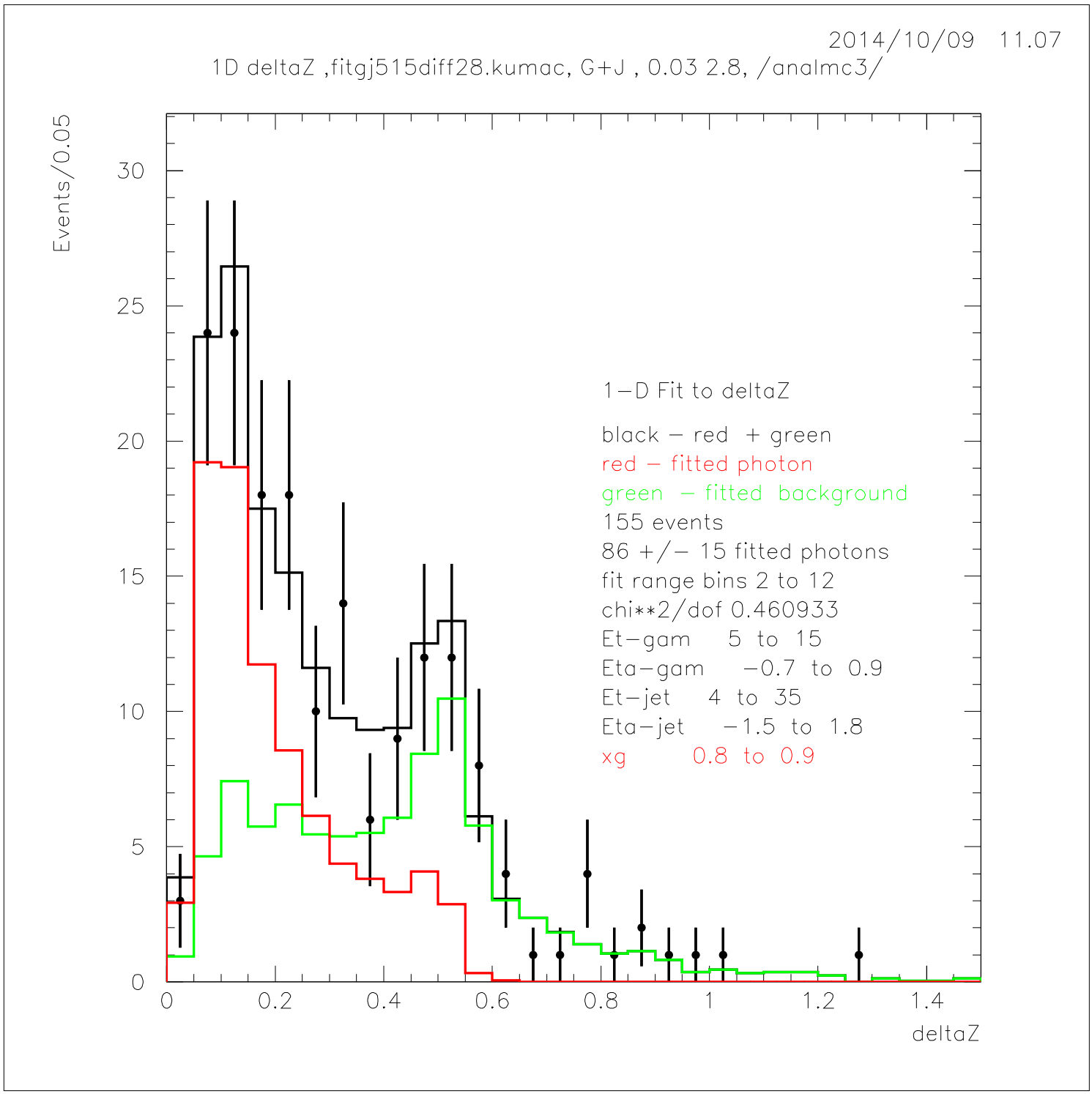
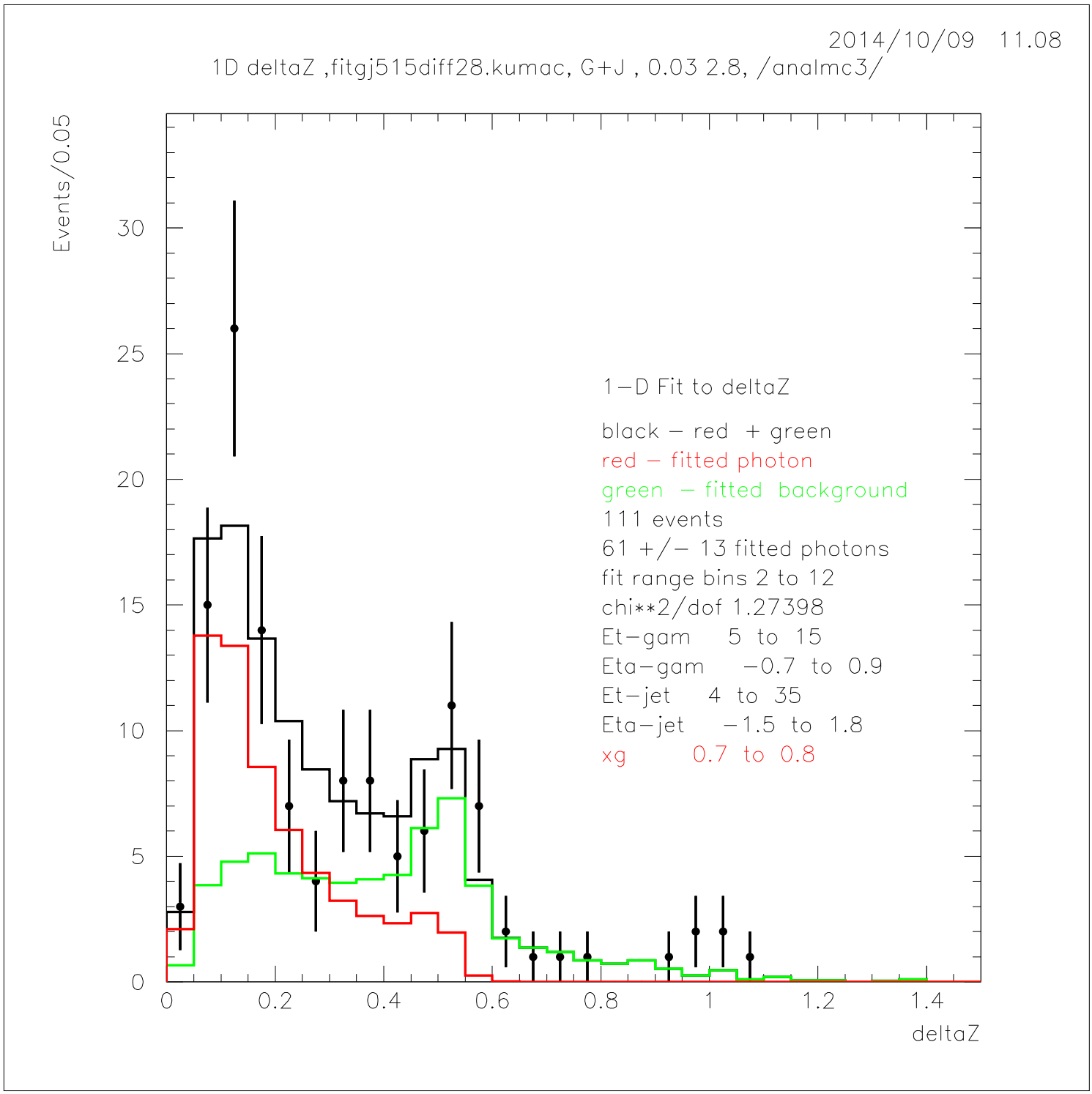
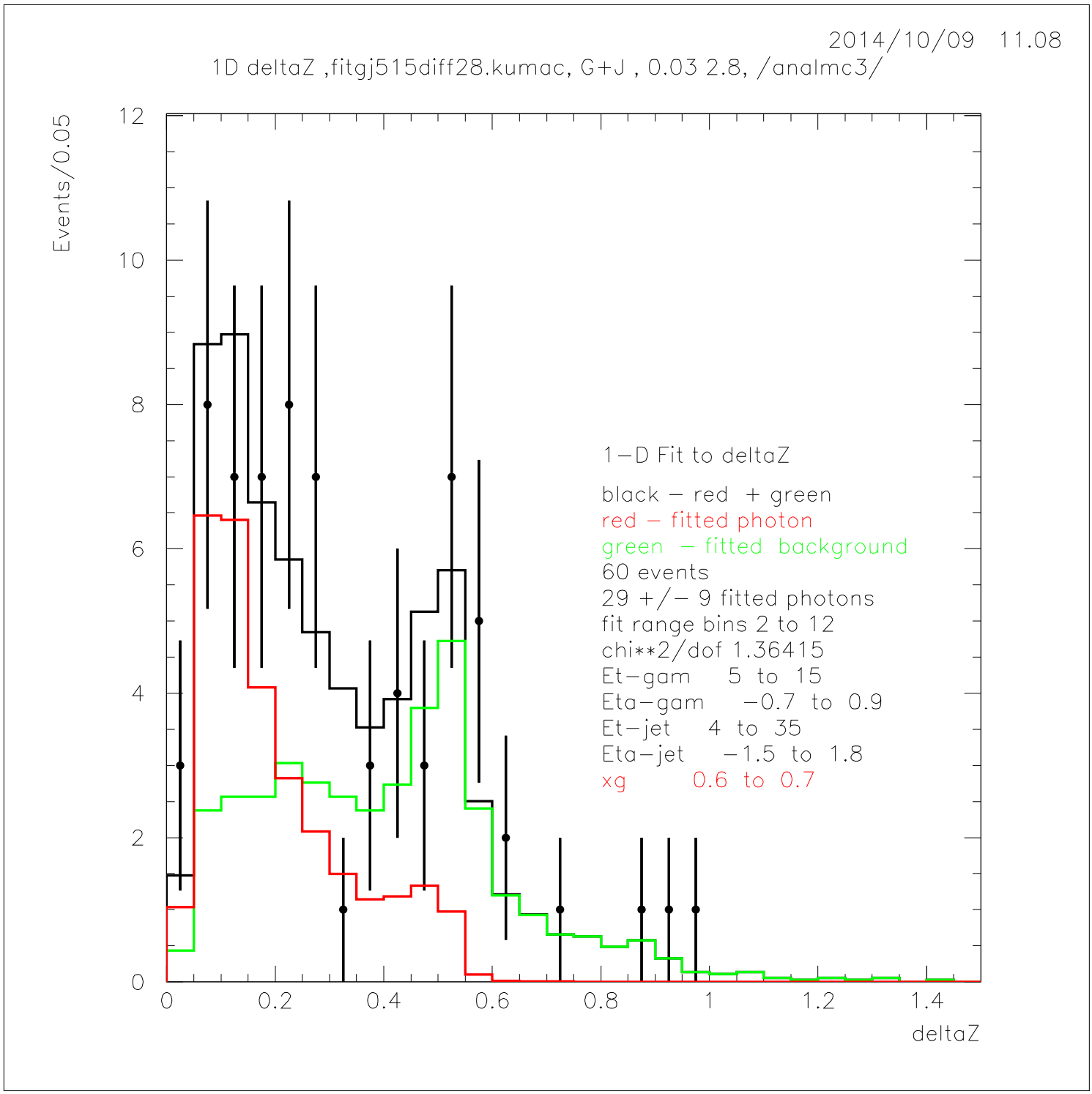
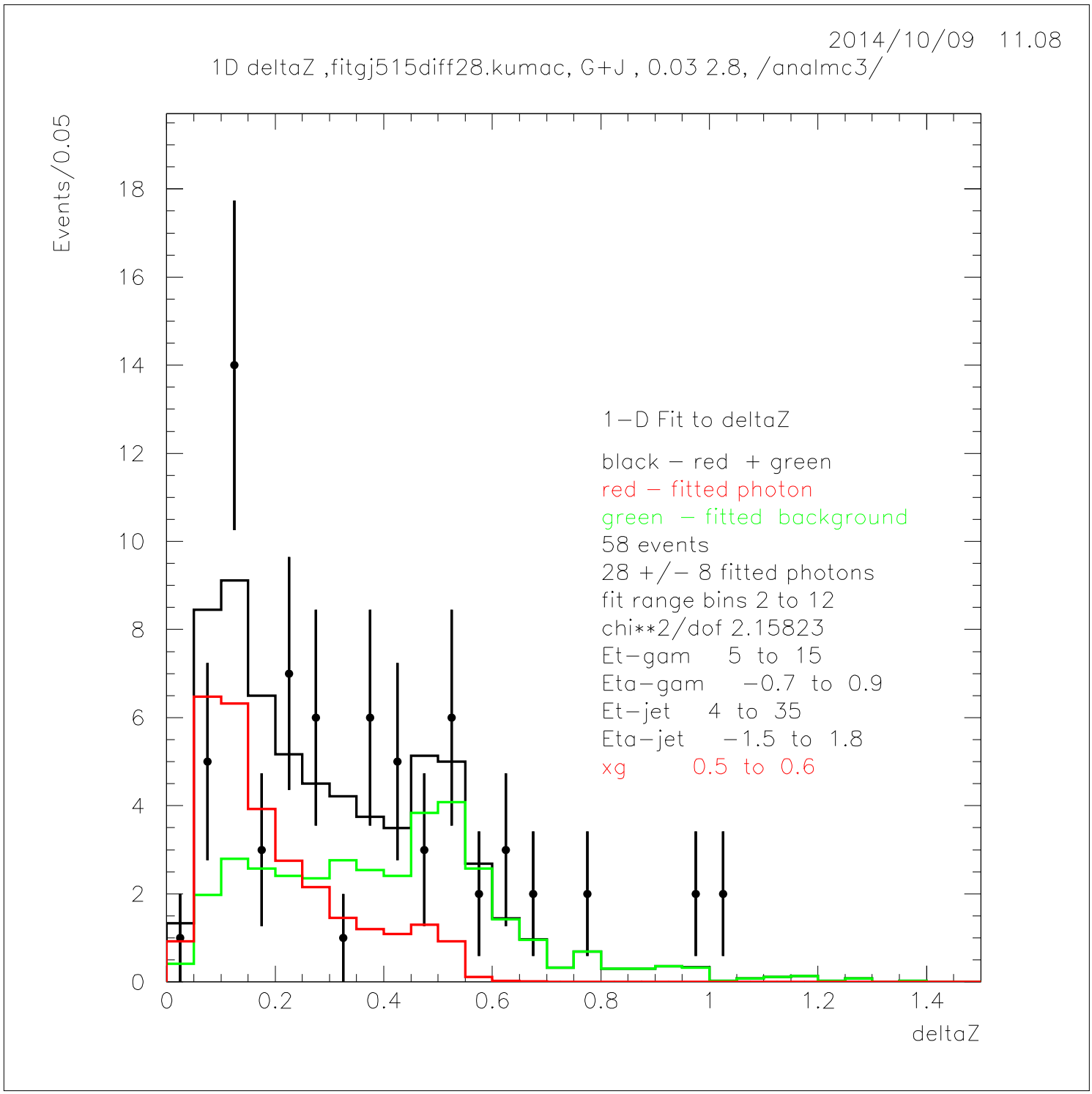

2014/10/09 11.07
1D deltaZ ,fitgj515diff28.kumac, G+J , 0.03 2.8, /analmc3/
Events/0.05
60
50
40
30
20
10
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
deltaZ
1−D Fit to deltaZ
black − red + green
red − fitted photon
green − fitted background
248 events
242 +/− 18 fitted photons
fit range bins 2 to 12
chi**2/dof 1.14047
Et−gam 5 to 15
Eta−gam −0.7 to 0.9
Et−jet 4 to 35
Eta−jet −1.5 to 1.8
xg 0.9 to 1


2014/10/09 11.07
1D deltaZ ,fitgj515diff28.kumac, G+J , 0.03 2.8, /analmc3/
Events/0.05
30
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
deltaZ
1−D Fit to deltaZ
black − red + green
red − fitted photon
green − fitted background
155 events
86 +/− 15 fitted photons
fit range bins 2 to 12
chi**2/dof 0.460933
Et−gam 5 to 15
Eta−gam −0.7 to 0.9
Et−jet 4 to 35
Eta−jet −1.5 to 1.8
xg 0.8 to 0.9

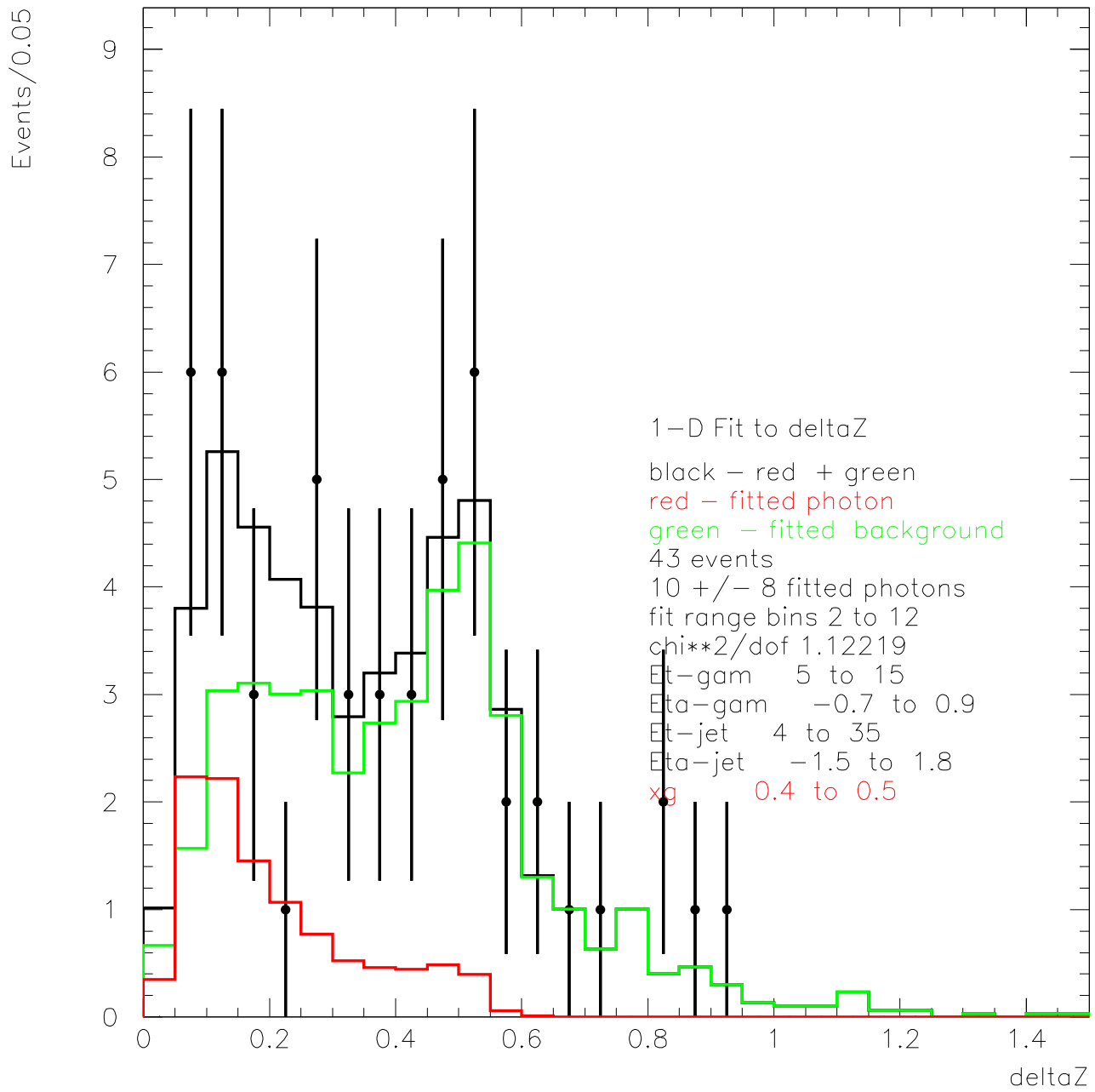

2014/10/09 11.08
1D deltaZ ,fitgj515diff28.kumac, G+J , 0.03 2.8, /analmc3/
Events/0.05
30
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
deltaZ
1−D Fit to deltaZ
black − red + green
red − fitted photon
green − fitted background
111 events
61 +/− 13 fitted photons
fit range bins 2 to 12
chi**2/dof 1.27398
Et−gam 5 to 15
Eta−gam −0.7 to 0.9
Et−jet 4 to 35
Eta−jet −1.5 to 1.8
xg 0.7 to 0.8

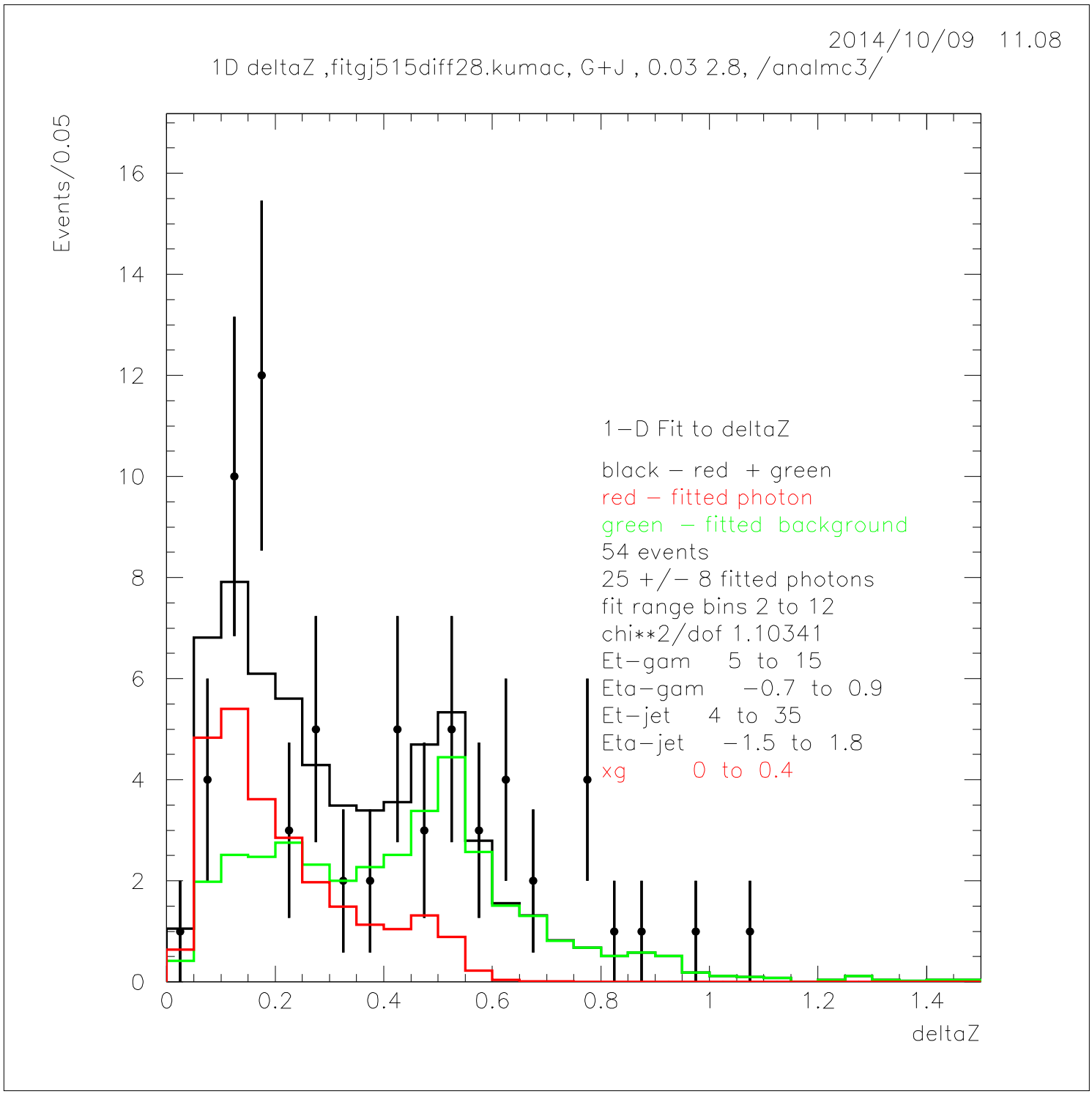

2014/10/09 11.08
1D deltaZ ,fitgj515diff28.kumac, G+J , 0.03 2.8, /analmc3/
Events/0.05
deltaZ
1−D Fit to deltaZ
black − red + green
red − fitted photon
green − fitted background
60 events
29 +/− 9 fitted photons
fit range bins 2 to 12
chi**2/dof 1.36415
Et−gam 5 to 15
Eta−gam −0.7 to 0.9
Et−jet 4 to 35
Eta−jet −1.5 to 1.8
xg 0.6 to 0.7

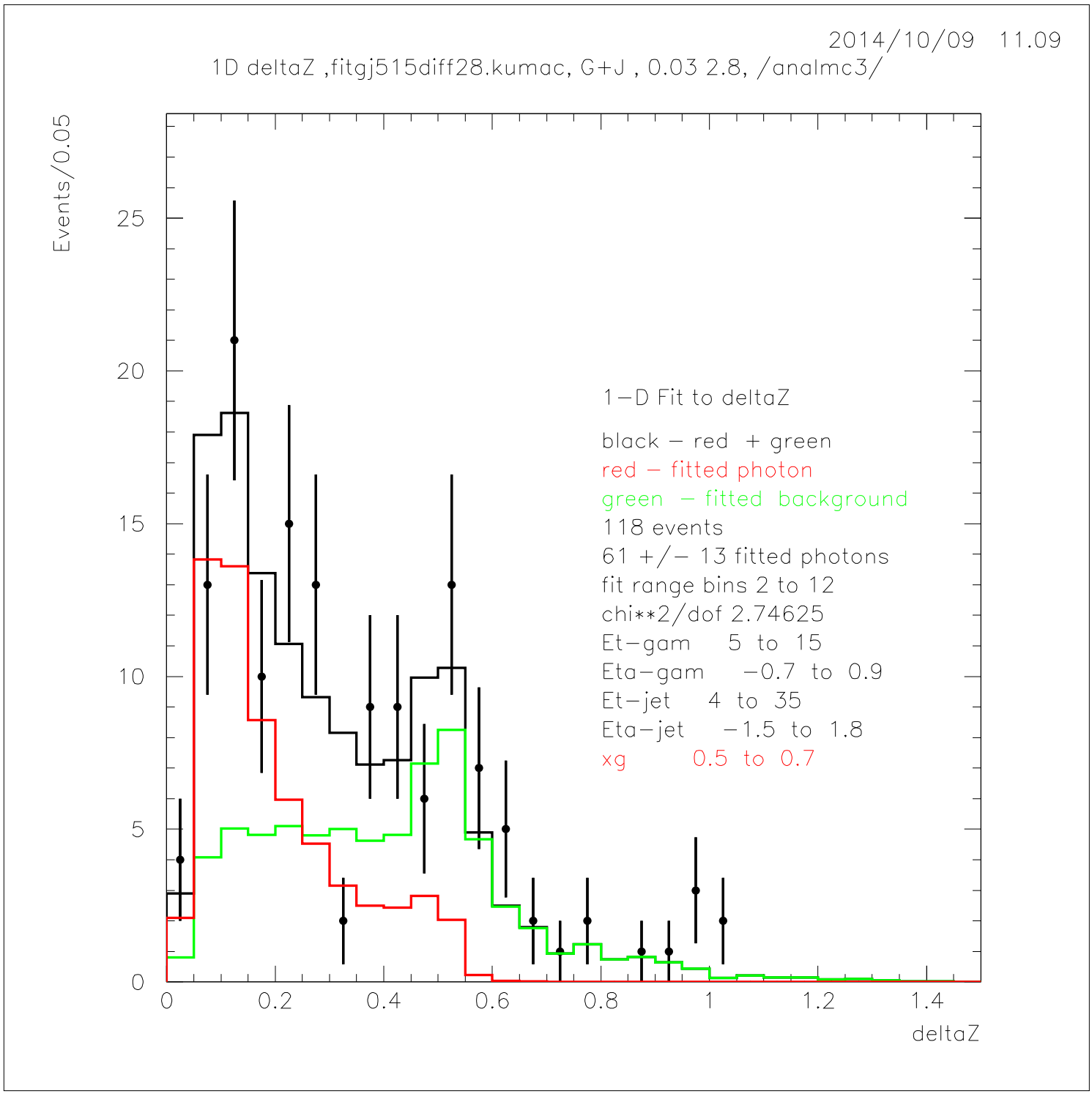

2014/10/09 11.08
1D deltaZ ,fitgj515diff28.kumac, G+J , 0.03 2.8, /analmc3/
Events/0.05
deltaZ
1−D Fit to deltaZ
black − red + green
red − fitted photon
green − fitted background
58 events
28 +/− 8 fitted photons
fit range bins 2 to 12
chi**2/dof 2.15823
Et−gam 5 to 15
Eta−gam −0.7 to 0.9
Et−jet 4 to 35
Eta−jet −1.5 to 1.8
xg 0.5 to 0.6

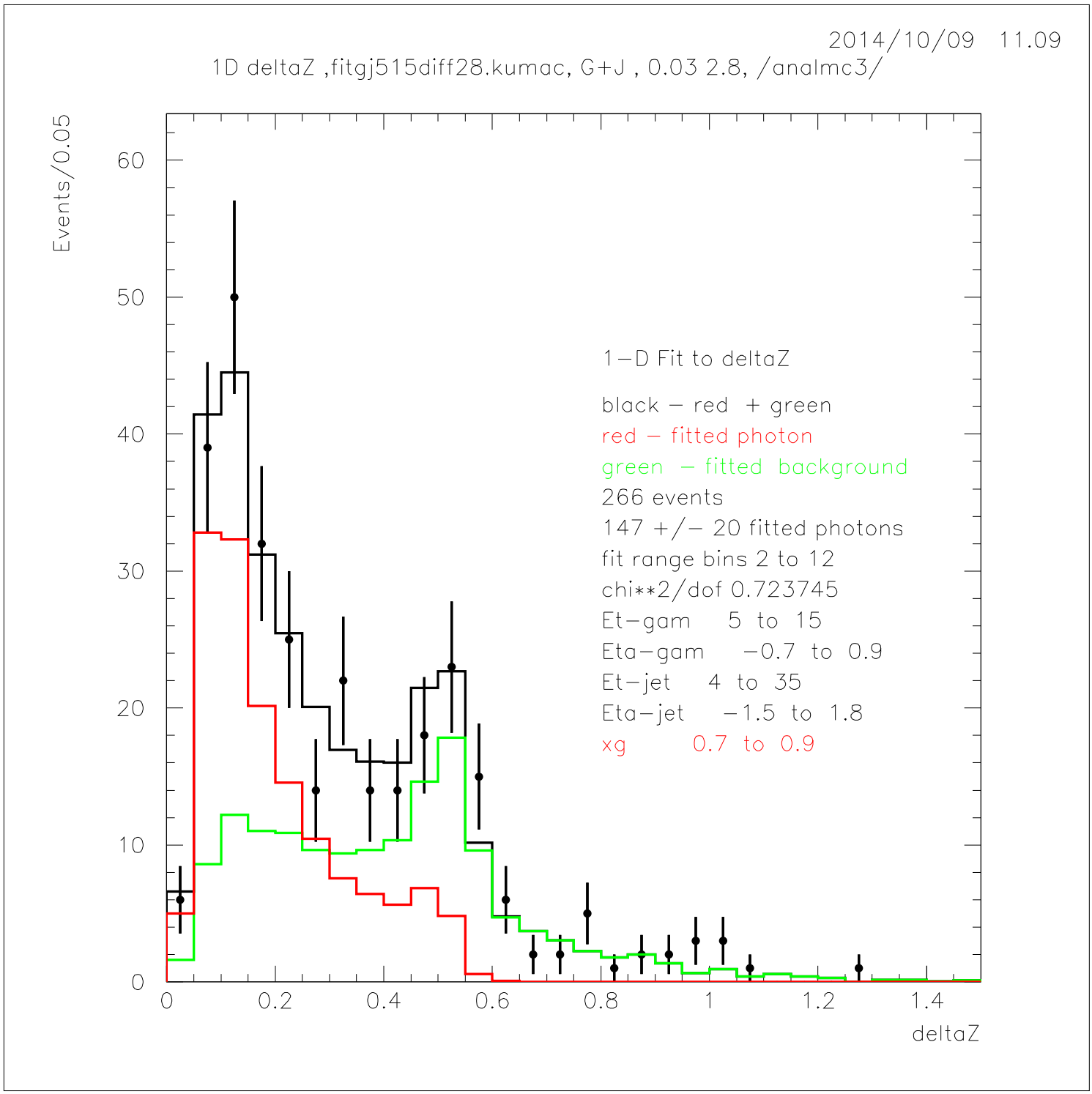
2014/10/09 11.08

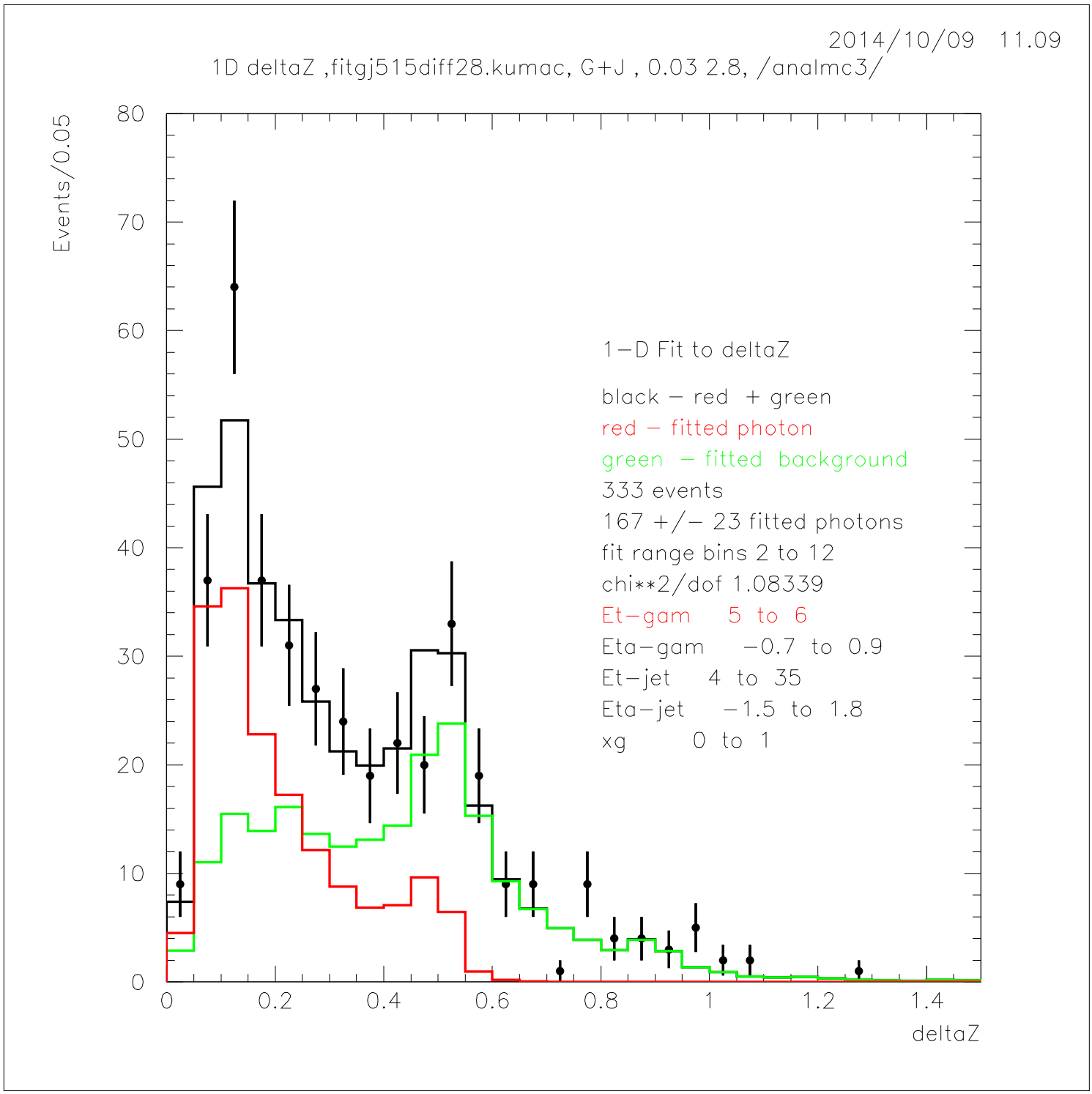
1D deltaZ ,fitgj515diff28.kumac, G+J , 0.03 2.8, /analmc3/

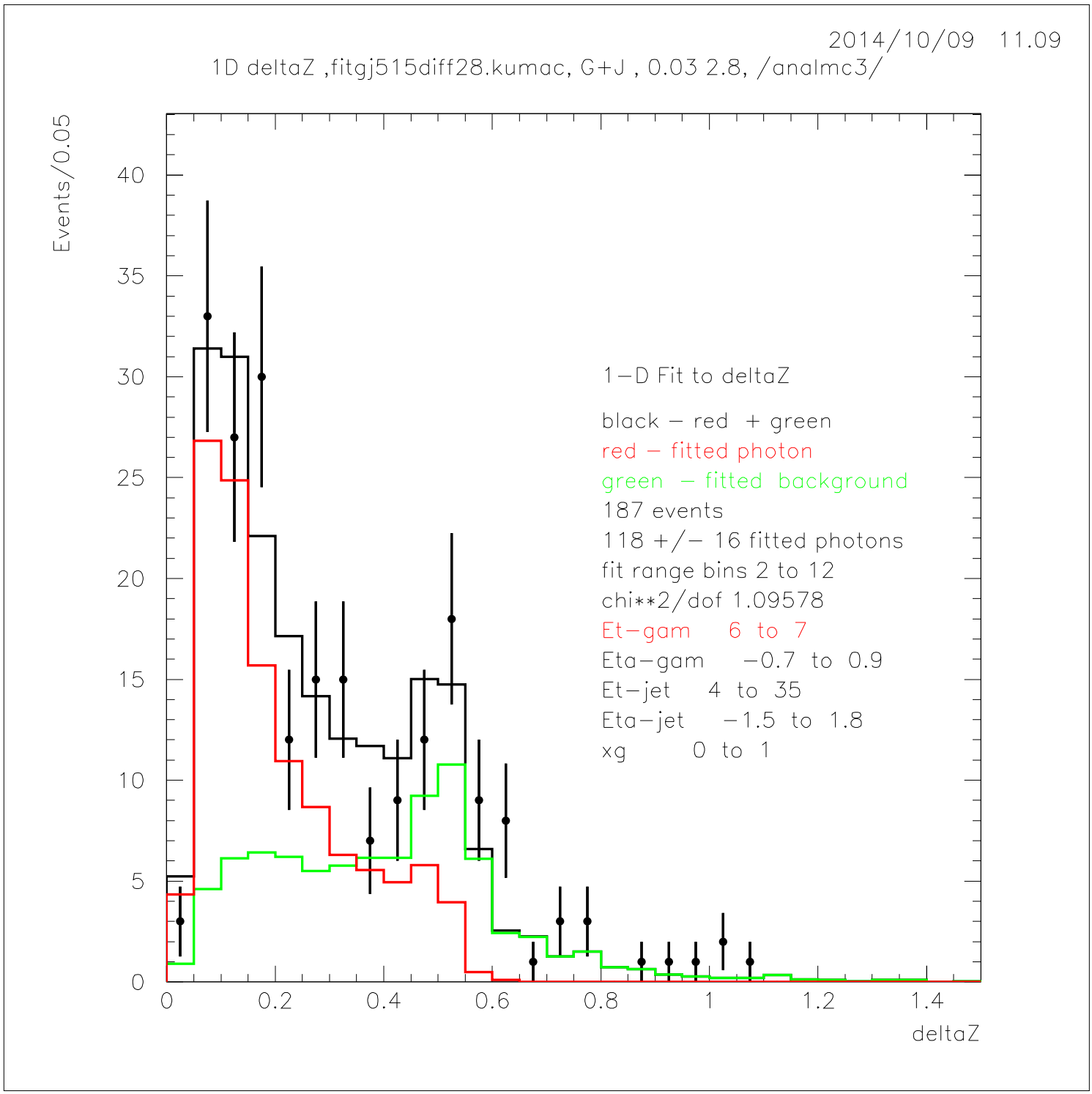


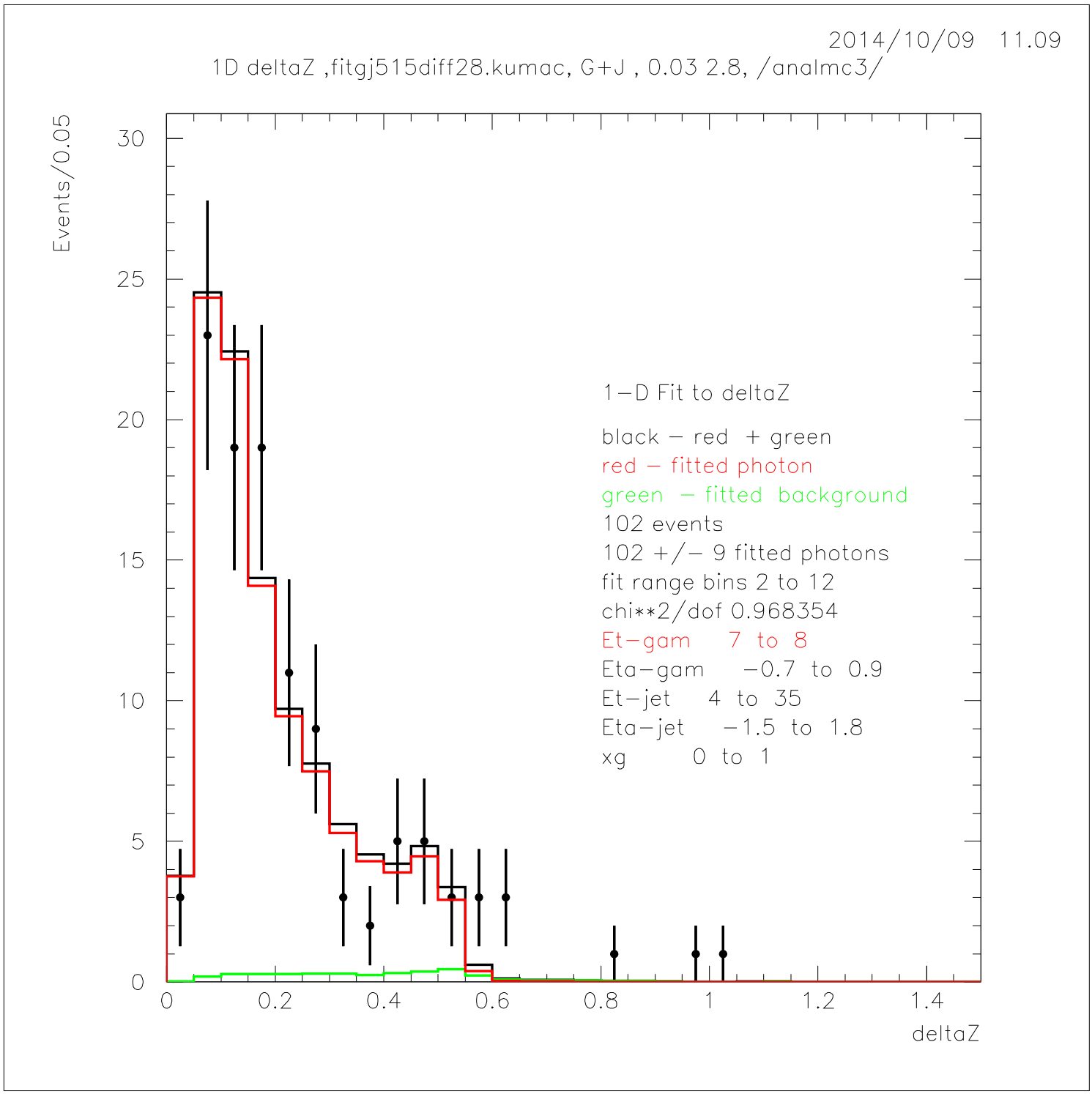

2014/10/09 11.08
1D deltaZ ,fitgj515diff28.kumac, G+J , 0.03 2.8, /analmc3/
Events/0.05
16
14
12
10
8
6
4
2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
deltaZ
1−D Fit to deltaZ
black − red + green
red − fitted photon
green − fitted background
54 events
25 +/− 8 fitted photons
fit range bins 2 to 12
chi**2/dof 1.10341
Et−gam 5 to 15
Eta−gam −0.7 to 0.9
Et−jet 4 to 35
Eta−jet −1.5 to 1.8
xg 0 to 0.4

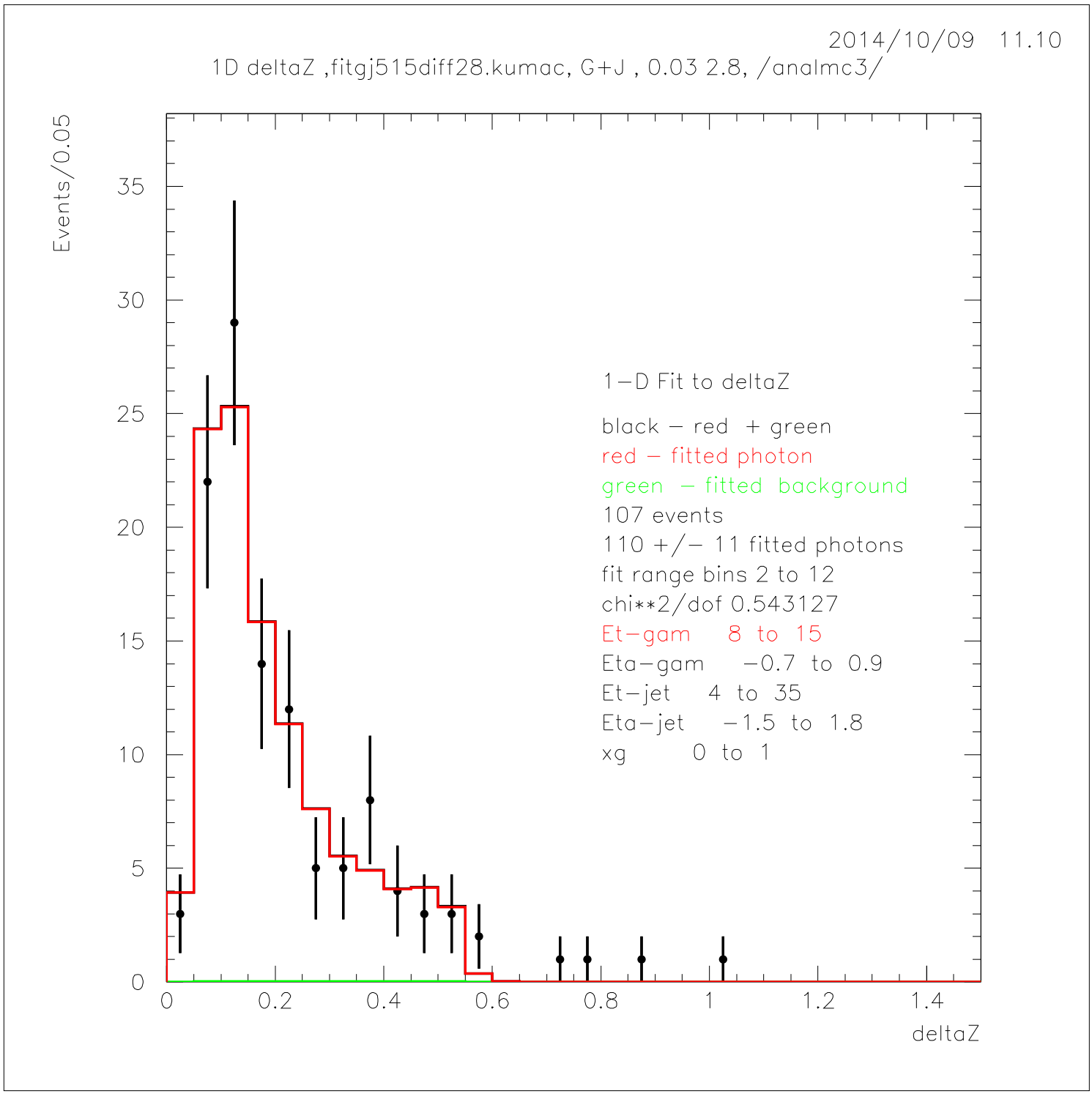

2014/10/09 11.09
1D deltaZ ,fitgj515diff28.kumac, G+J , 0.03 2.8, /analmc3/
Events/0.05
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
deltaZ
1−D Fit to deltaZ
black − red + green
red − fitted photon
green − fitted background
118 events
61 +/− 13 fitted photons
fit range bins 2 to 12
chi**2/dof 2.74625
Et−gam 5 to 15
Eta−gam −0.7 to 0.9
Et−jet 4 to 35
Eta−jet −1.5 to 1.8
xg 0.5 to 0.7

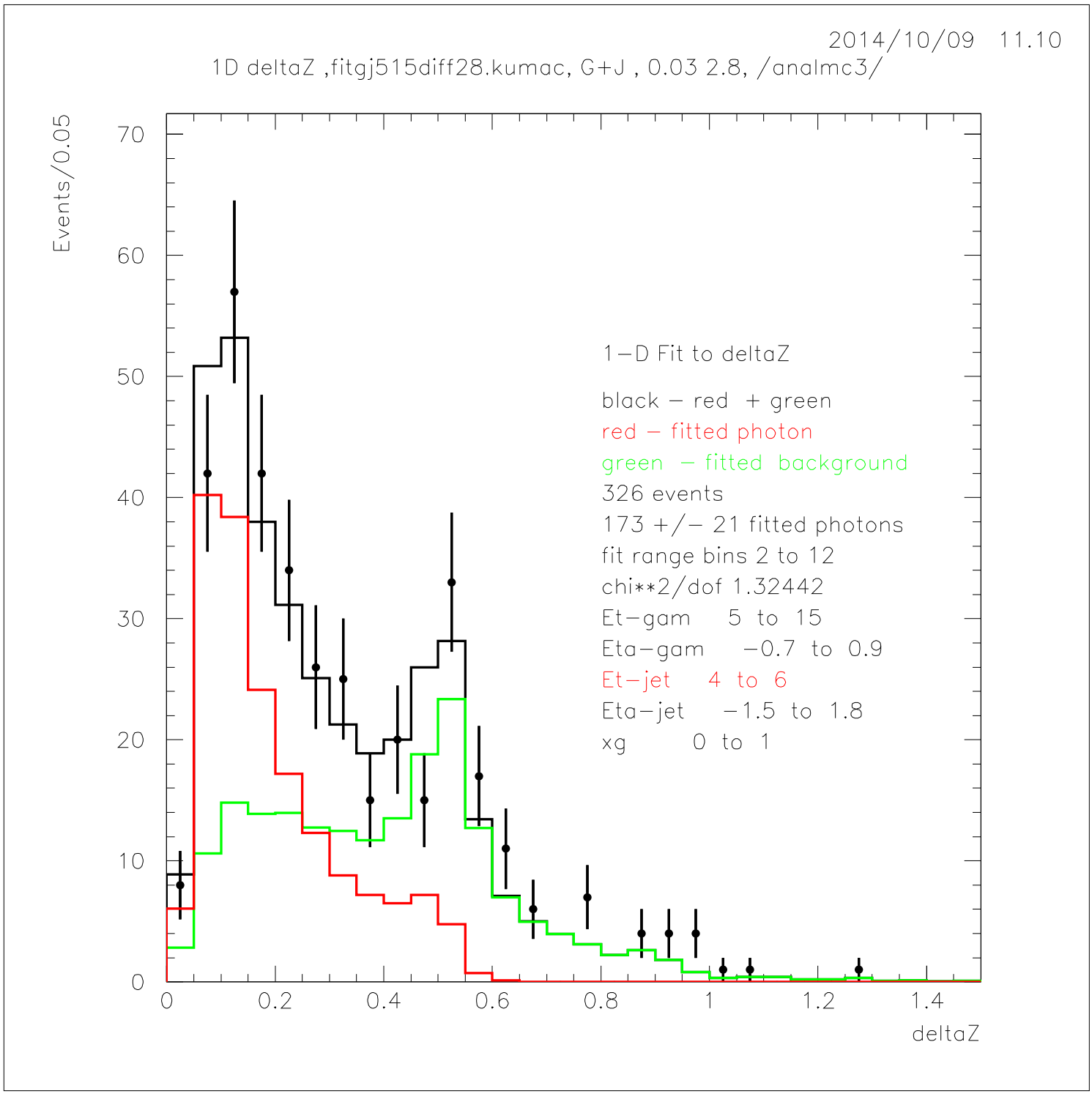

2014/10/09 11.09
1D deltaZ ,fitgj515diff28.kumac, G+J , 0.03 2.8, /analmc3/
Events/0.05
60
50
40
30
20
10
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
deltaZ
1−D Fit to deltaZ
black − red + green
red − fitted photon
green − fitted background
266 events
147 +/− 20 fitted photons
fit range bins 2 to 12
chi**2/dof 0.723745
Et−gam 5 to 15
Eta−gam −0.7 to 0.9
Et−jet 4 to 35
Eta−jet −1.5 to 1.8
xg 0.7 to 0.9

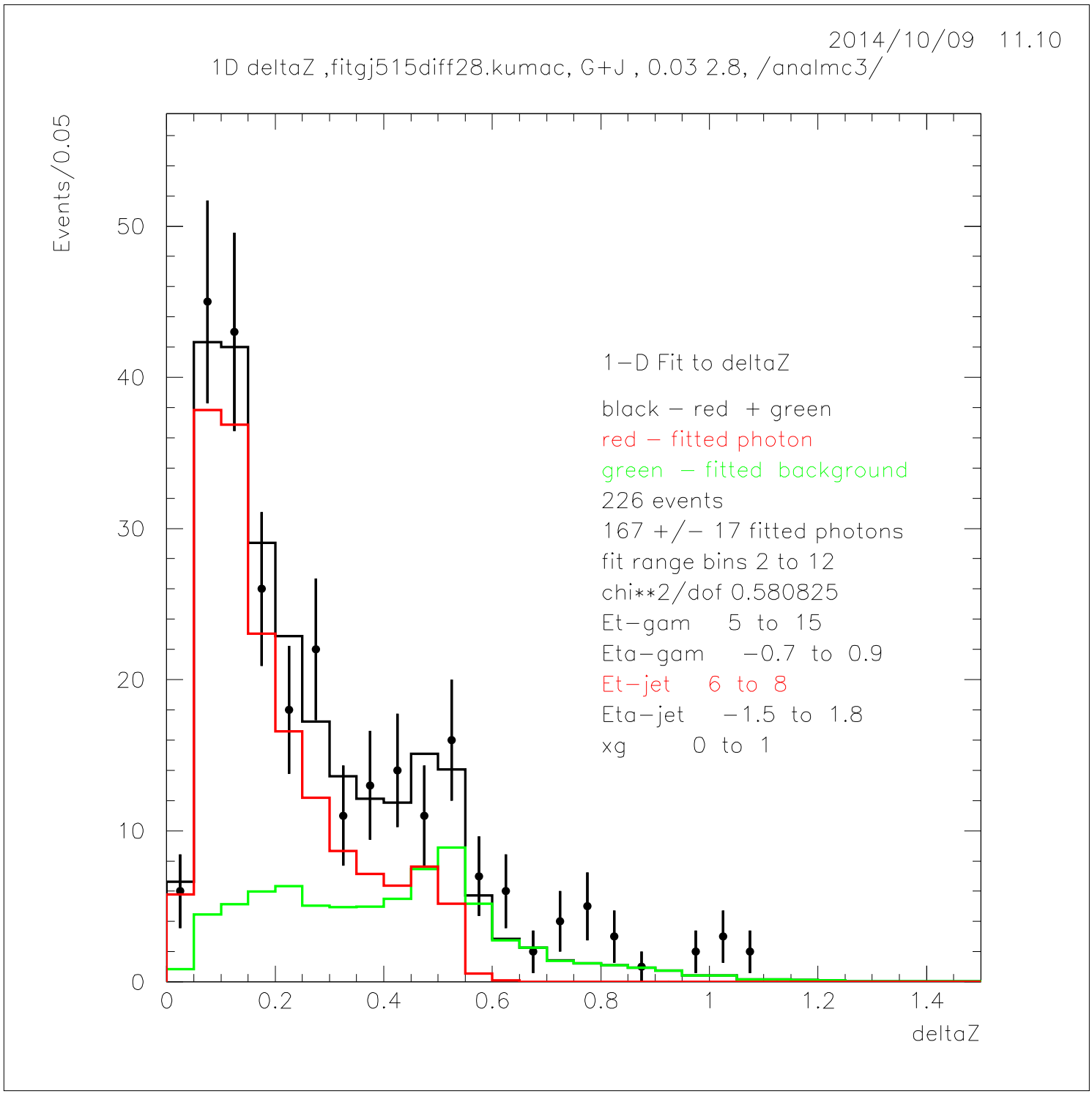

2014/10/09 11.09
1D deltaZ ,fitgj515diff28.kumac, G+J , 0.03 2.8, /analmc3/
Events/0.05
deltaZ
1−D Fit to deltaZ
black − red + green
red − fitted photon
green − fitted background
333 events
167 +/− 23 fitted photons
fit range bins 2 to 12
chi**2/dof 1.08339
Et−gam 5 to 6
Eta−gam −0.7 to 0.9
Et−jet 4 to 35
Eta−jet −1.5 to 1.8
xg 0 to 1

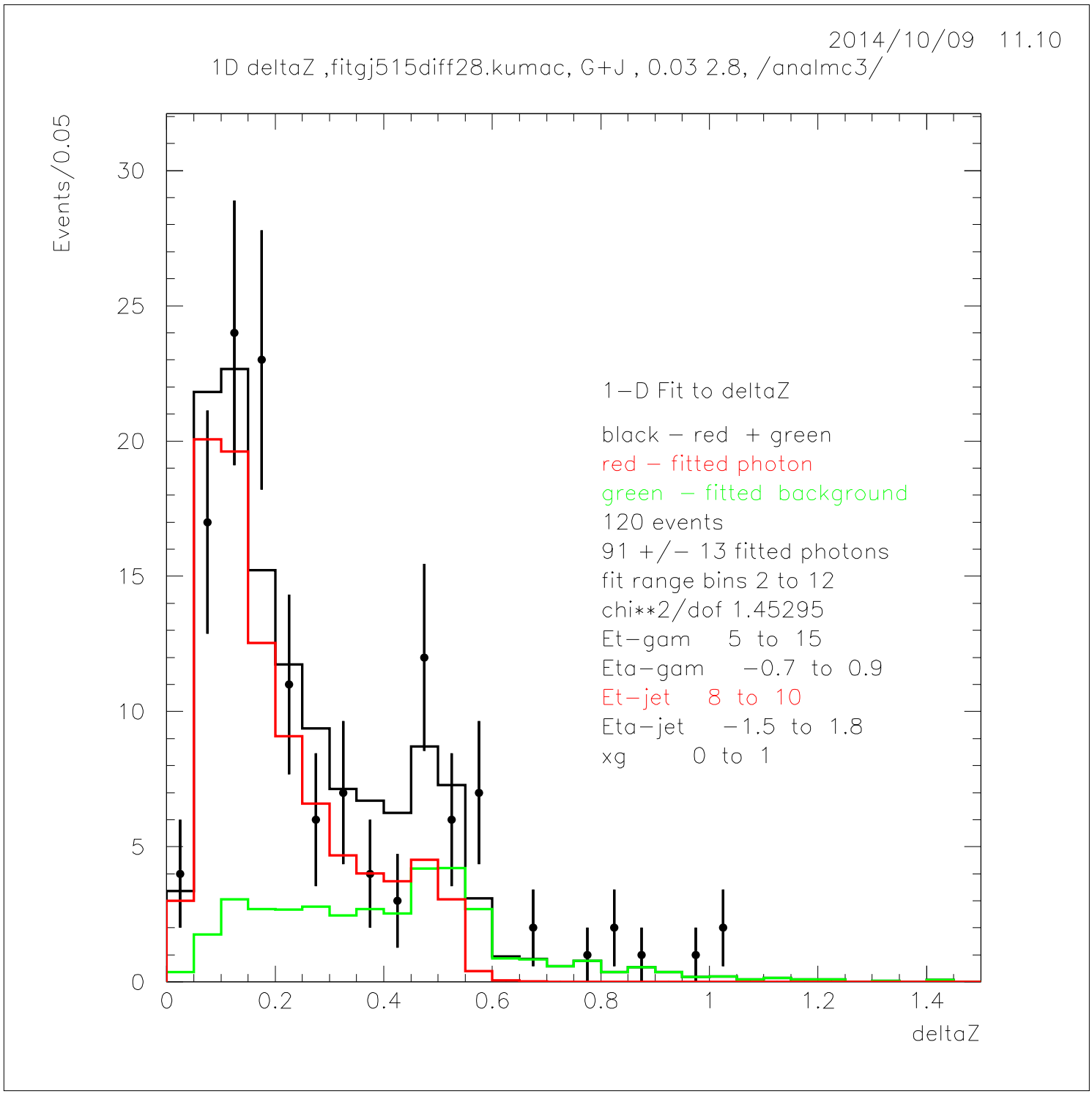

2014/10/09 11.09
1D deltaZ ,fitgj515diff28.kumac, G+J , 0.03 2.8, /analmc3/
Events/0.05
deltaZ
1−D Fit to deltaZ
black − red + green
red − fitted photon
green − fitted background
187 events
118 +/− 16 fitted photons
fit range bins 2 to 12
chi**2/dof 1.09578
Et−gam 6 to 7
Eta−gam −0.7 to 0.9
Et−jet 4 to 35
Eta−jet −1.5 to 1.8
xg 0 to 1

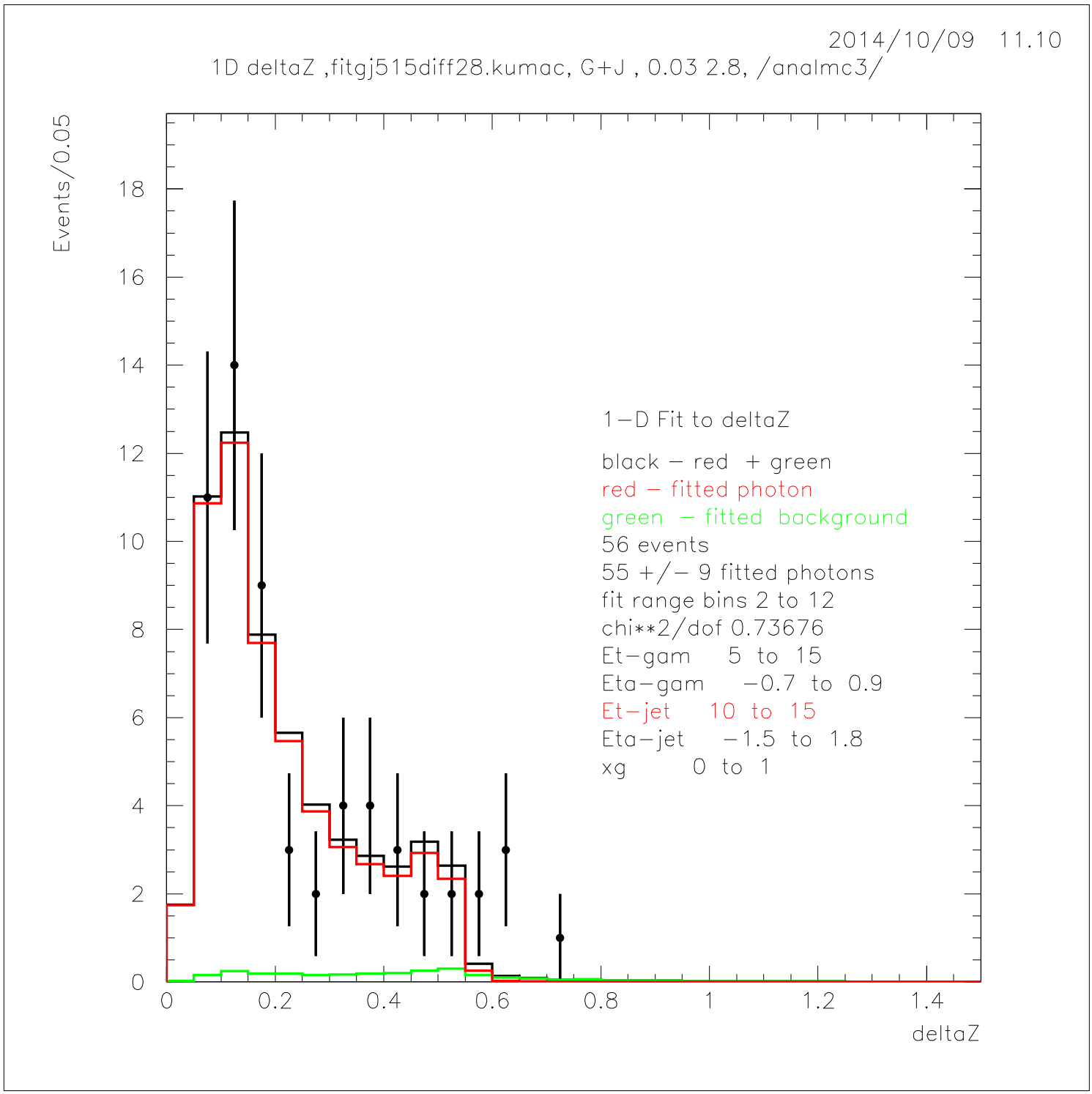

2014/10/09 11.09
1D deltaZ ,fitgj515diff28.kumac, G+J , 0.03 2.8, /analmc3/
Events/0.05
30
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
deltaZ
1−D Fit to deltaZ
black − red + green
red − fitted photon
green − fitted background
102 events
102 +/− 9 fitted photons
fit range bins 2 to 12
chi**2/dof 0.968354
Et−gam 7 to 8
Eta−gam −0.7 to 0.9
Et−jet 4 to 35
Eta−jet −1.5 to 1.8
xg 0 to 1

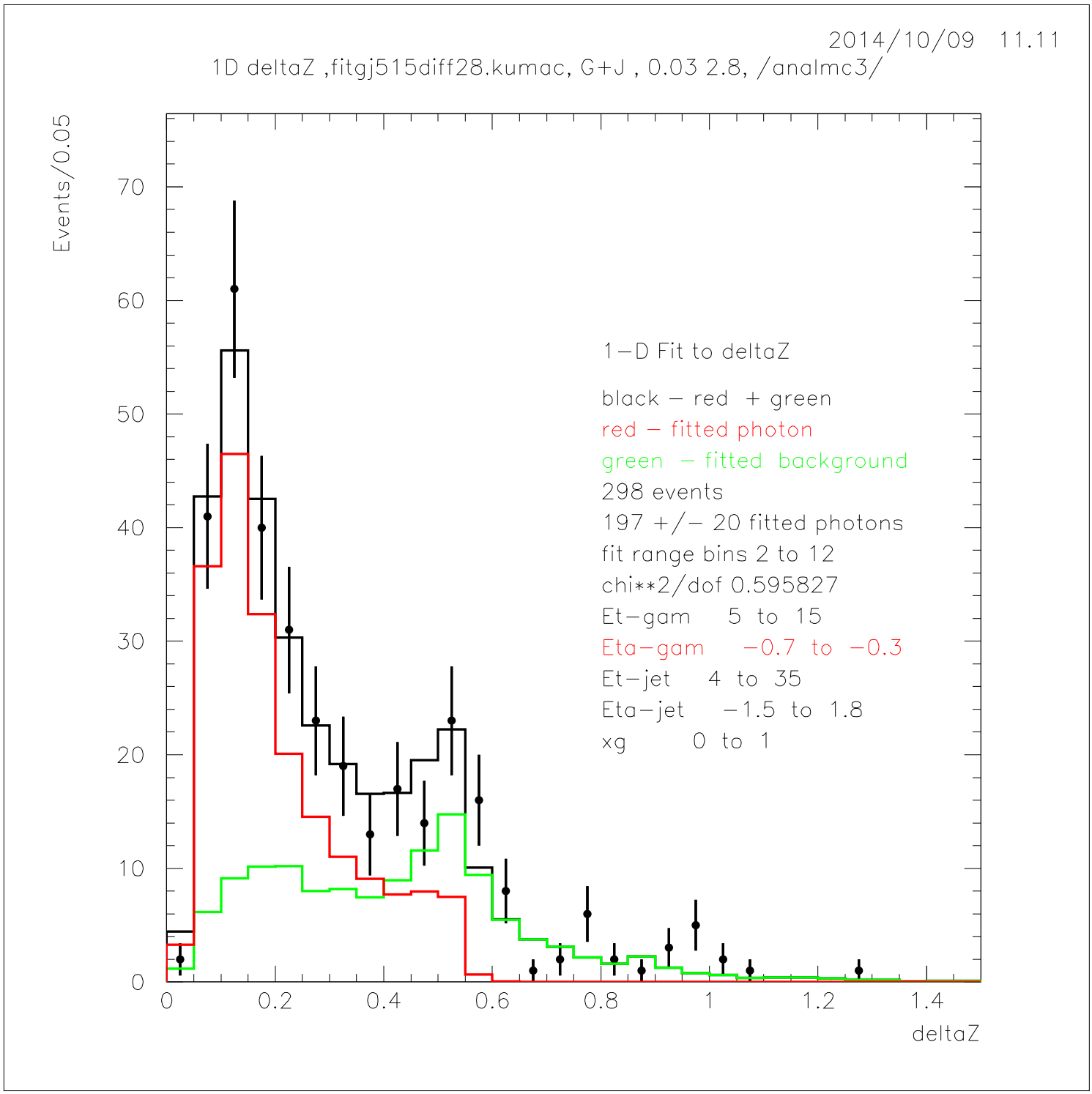

2014/10/09 11.10
1D deltaZ ,fitgj515diff28.kumac, G+J , 0.03 2.8, /analmc3/
Events/0.05
35
30
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
deltaZ
1−D Fit to deltaZ
black − red + green
red − fitted photon
green − fitted background
107 events
110 +/− 11 fitted photons
fit range bins 2 to 12
chi**2/dof 0.543127
Et−gam 8 to 15
Eta−gam −0.7 to 0.9
Et−jet 4 to 35
Eta−jet −1.5 to 1.8
xg 0 to 1

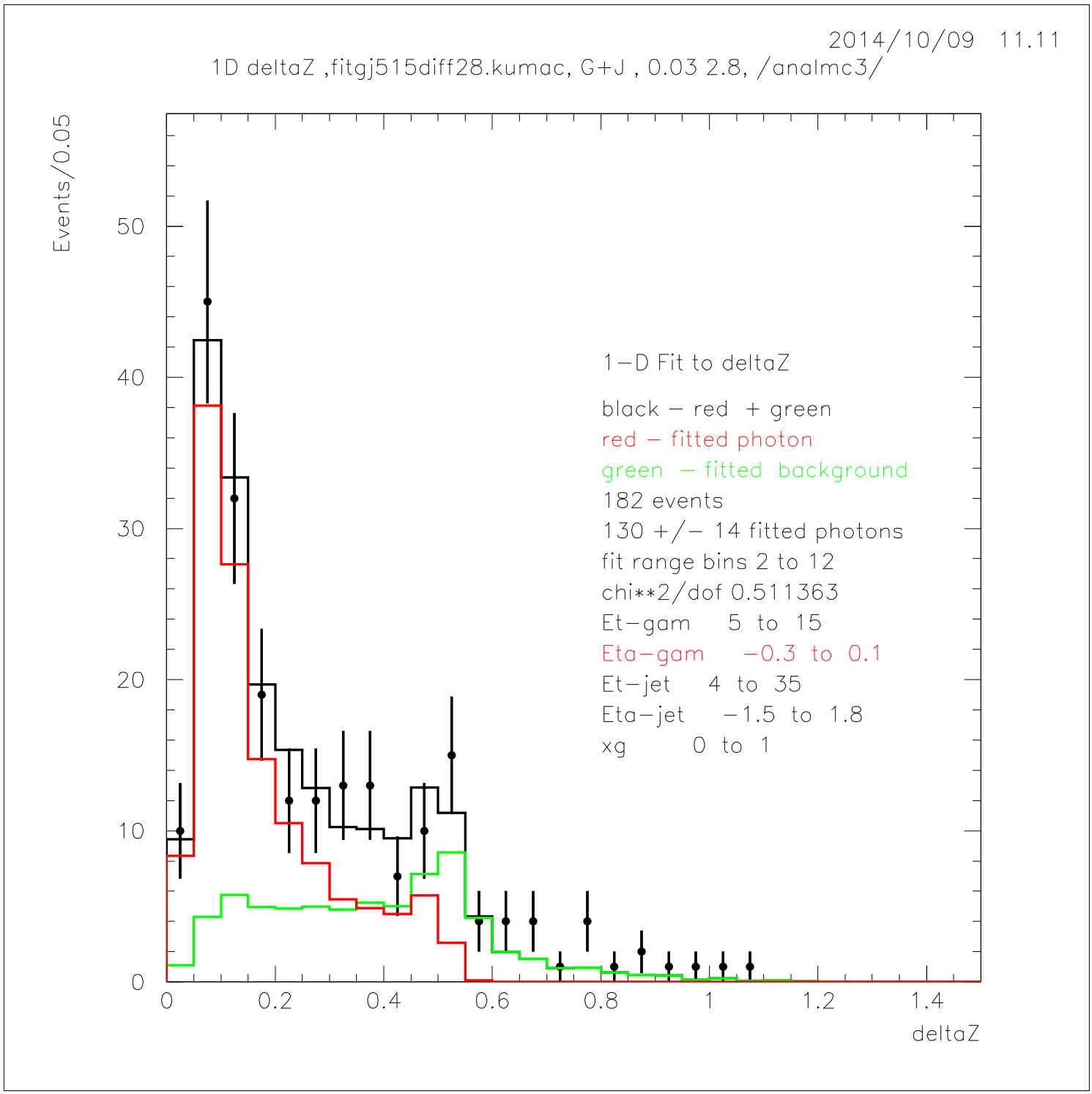

2014/10/09 11.10
1D deltaZ ,fitgj515diff28.kumac, G+J , 0.03 2.8, /analmc3/
Events/0.05
deltaZ
1−D Fit to deltaZ
black − red + green
red − fitted photon
green − fitted background
326 events
173 +/− 21 fitted photons
fit range bins 2 to 12
chi**2/dof 1.32442
Et−gam 5 to 15
Eta−gam −0.7 to 0.9
Et−jet 4 to 6
Eta−jet −1.5 to 1.8
xg 0 to 1

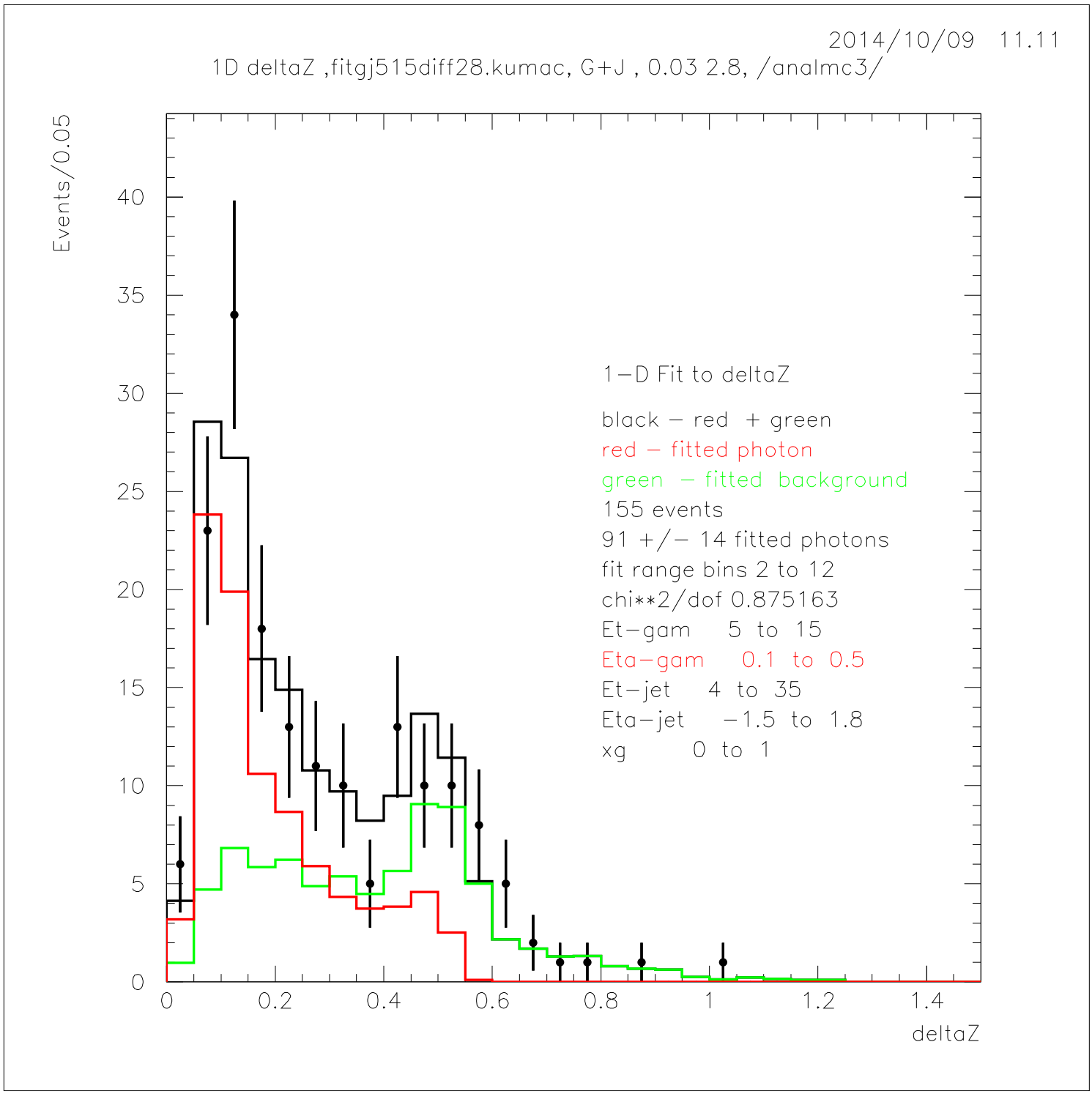

2014/10/09 11.10
1D deltaZ ,fitgj515diff28.kumac, G+J , 0.03 2.8, /analmc3/
Events/0.05
50
40
30
20
10
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
deltaZ
1−D Fit to deltaZ
black − red + green
red − fitted photon
green − fitted background
226 events
167 +/− 17 fitted photons
fit range bins 2 to 12
chi**2/dof 0.580825
Et−gam 5 to 15
Eta−gam −0.7 to 0.9
Et−jet 6 to 8
Eta−jet −1.5 to 1.8
xg 0 to 1

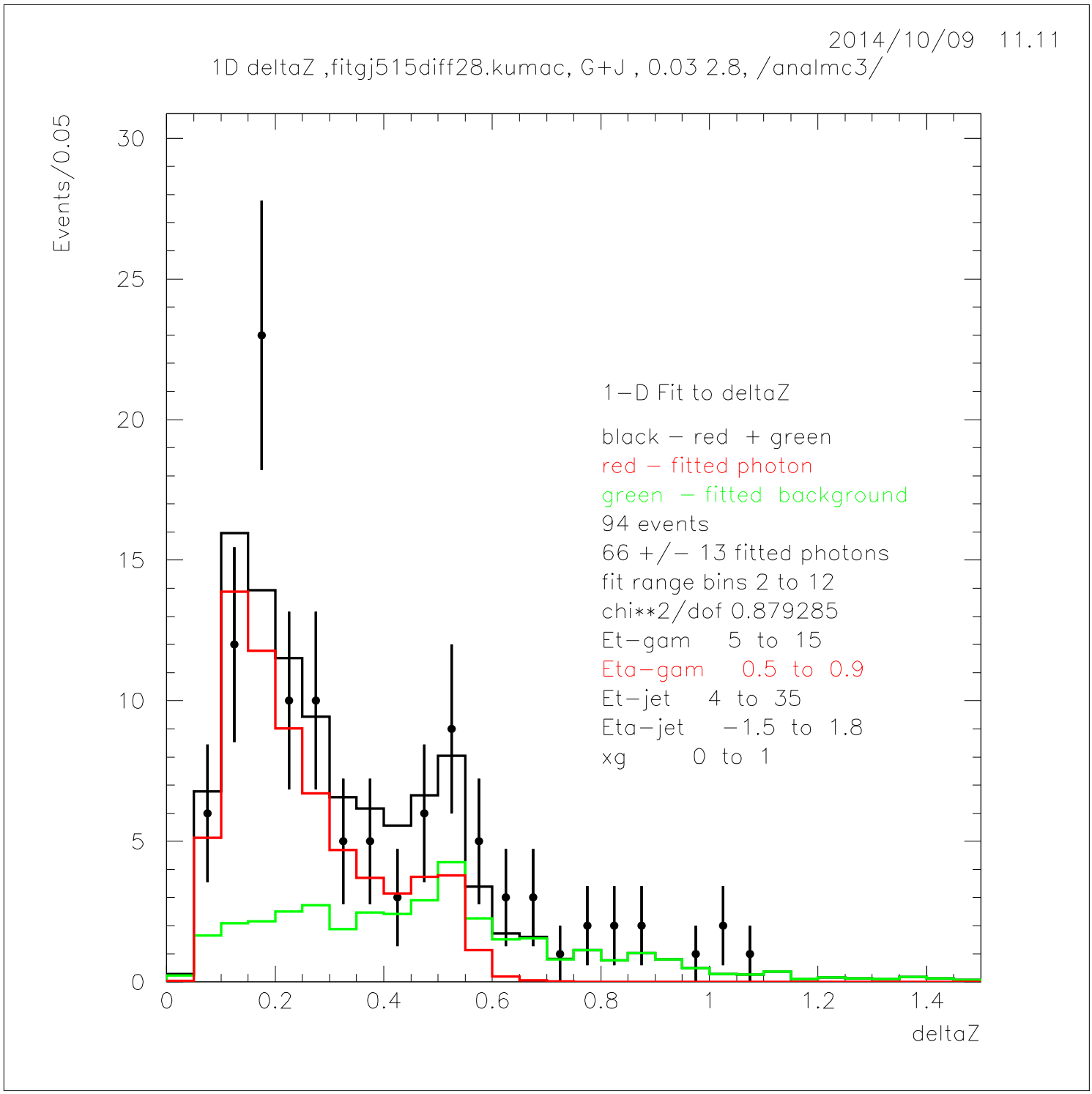

2014/10/09 11.10
1D deltaZ ,fitgj515diff28.kumac, G+J , 0.03 2.8, /analmc3/
Events/0.05
30
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
deltaZ
1−D Fit to deltaZ
black − red + green
red − fitted photon
green − fitted background
120 events
91 +/− 13 fitted photons
fit range bins 2 to 12
chi**2/dof 1.45295
Et−gam 5 to 15
Eta−gam −0.7 to 0.9
Et−jet 8 to 10
Eta−jet −1.5 to 1.8
xg 0 to 1

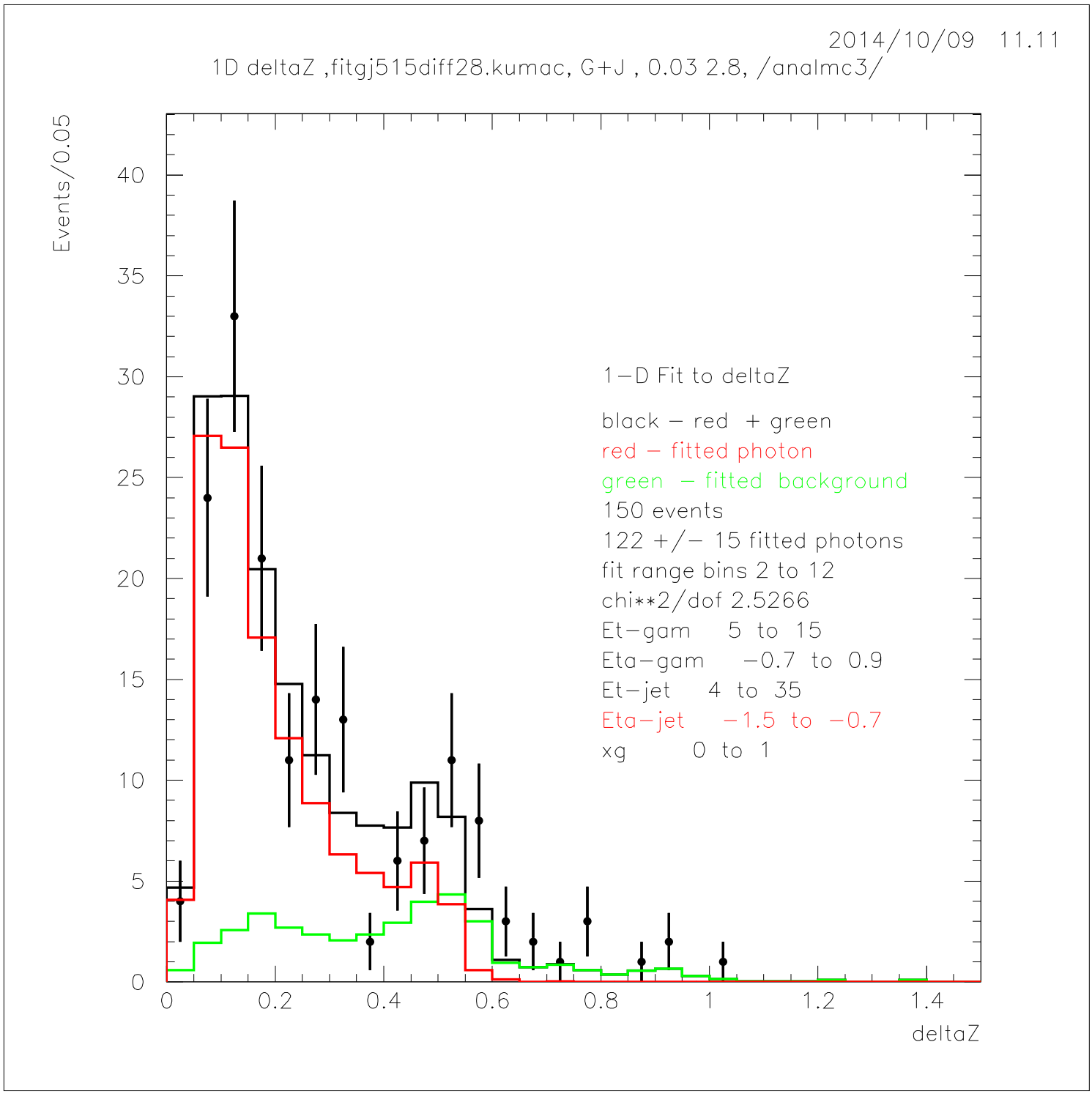

2014/10/09 11.10
1D deltaZ ,fitgj515diff28.kumac, G+J , 0.03 2.8, /analmc3/
Events/0.05
deltaZ
1−D Fit to deltaZ
black − red + green
red − fitted photon
green − fitted background
56 events
55 +/− 9 fitted photons
fit range bins 2 to 12
chi**2/dof 0.73676
Et−gam 5 to 15
Eta−gam −0.7 to 0.9
Et−jet 10 to 15
Eta−jet −1.5 to 1.8
xg 0 to 1


2014/10/09 11.11
1D deltaZ ,fitgj515diff28.kumac, G+J , 0.03 2.8, /analmc3/
Events/0.05
70
60
50
40
30
20
10
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
deltaZ
1−D Fit to deltaZ
black − red + green
red − fitted photon
green − fitted background
298 events
197 +/− 20 fitted photons
fit range bins 2 to 12
chi**2/dof 0.595827
Et−gam 5 to 15
Eta−gam −0.7 to −0.3
Et−jet 4 to 35
Eta−jet −1.5 to 1.8
xg 0 to 1


2014/10/09 11.11
1D deltaZ ,fitgj515diff28.kumac, G+J , 0.03 2.8, /analmc3/
Events/0.05
50
40
30
20
10
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
deltaZ
1−D Fit to deltaZ
black − red + green
red − fitted photon
green − fitted background
182 events
130 +/− 14 fitted photons
fit range bins 2 to 12
chi**2/dof 0.511363
Et−gam 5 to 15
Eta−gam −0.3 to 0.1
Et−jet 4 to 35
Eta−jet −1.5 to 1.8
xg 0 to 1

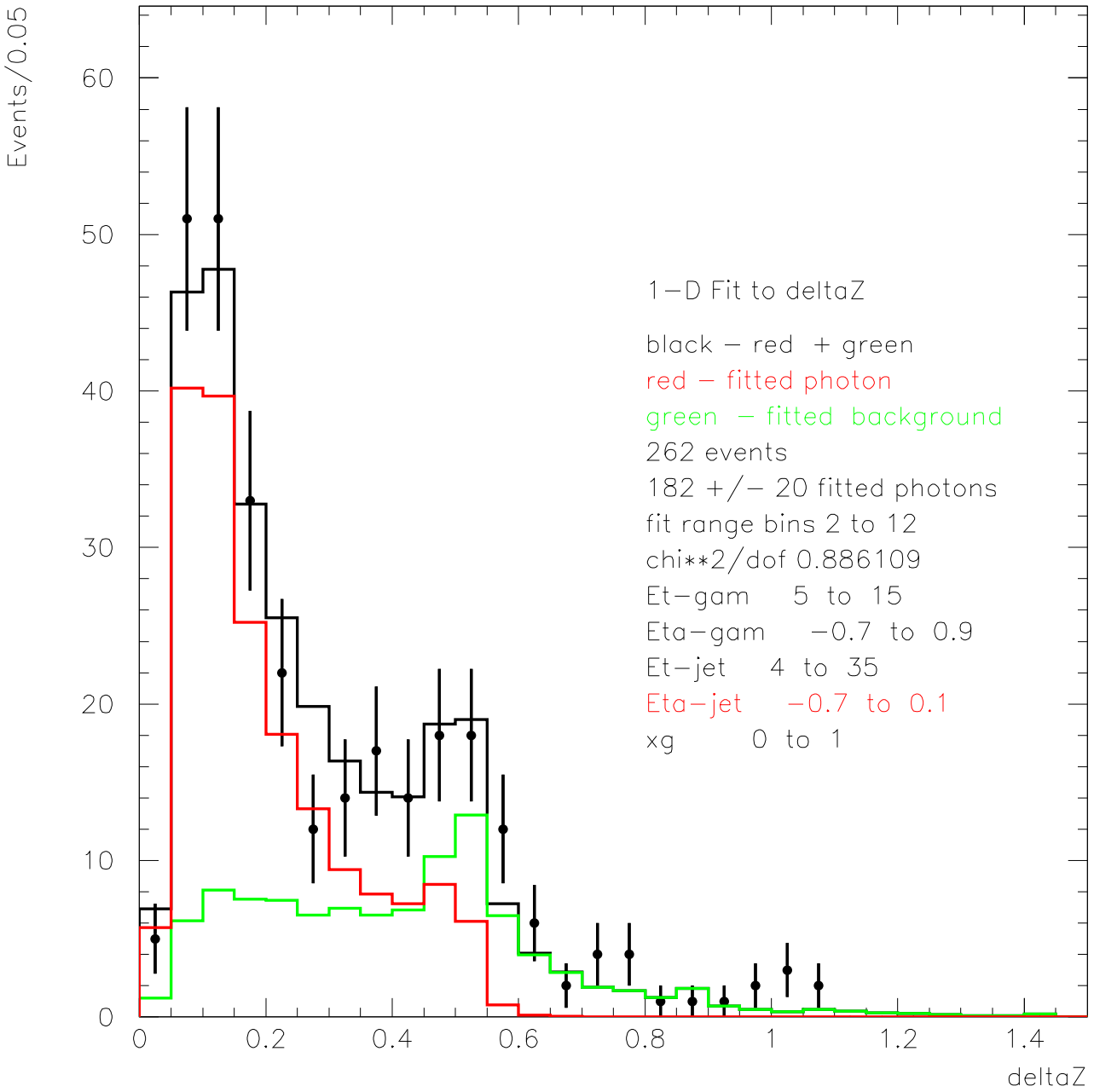

2014/10/09 11.11
1D deltaZ ,fitgj515diff28.kumac, G+J , 0.03 2.8, /analmc3/
Events/0.05
deltaZ
1−D Fit to deltaZ
black − red + green
red − fitted photon
green − fitted background
155 events
91 +/− 14 fitted photons
fit range bins 2 to 12
chi**2/dof 0.875163
Et−gam 5 to 15
Eta−gam 0.1 to 0.5
Et−jet 4 to 35
Eta−jet −1.5 to 1.8
xg 0 to 1


2014/10/09 11.11
1D deltaZ ,fitgj515diff28.kumac, G+J , 0.03 2.8, /analmc3/
Events/0.05
30
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
deltaZ
1−D Fit to deltaZ
black − red + green
red − fitted photon
green − fitted background
94 events
66 +/− 13 fitted photons
fit range bins 2 to 12
chi**2/dof 0.879285
Et−gam 5 to 15
Eta−gam 0.5 to 0.9
Et−jet 4 to 35
Eta−jet −1.5 to 1.8
xg 0 to 1


2014/10/09 11.11
1D deltaZ ,fitgj515diff28.kumac, G+J , 0.03 2.8, /analmc3/
Events/0.05
deltaZ
1−D Fit to deltaZ
black − red + green
red − fitted photon
green − fitted background
150 events
122 +/− 15 fitted photons
fit range bins 2 to 12
chi**2/dof 2.5266
Et−gam 5 to 15
Eta−gam −0.7 to 0.9
Et−jet 4 to 35
Eta−jet −1.5 to −0.7
xg 0 to 1

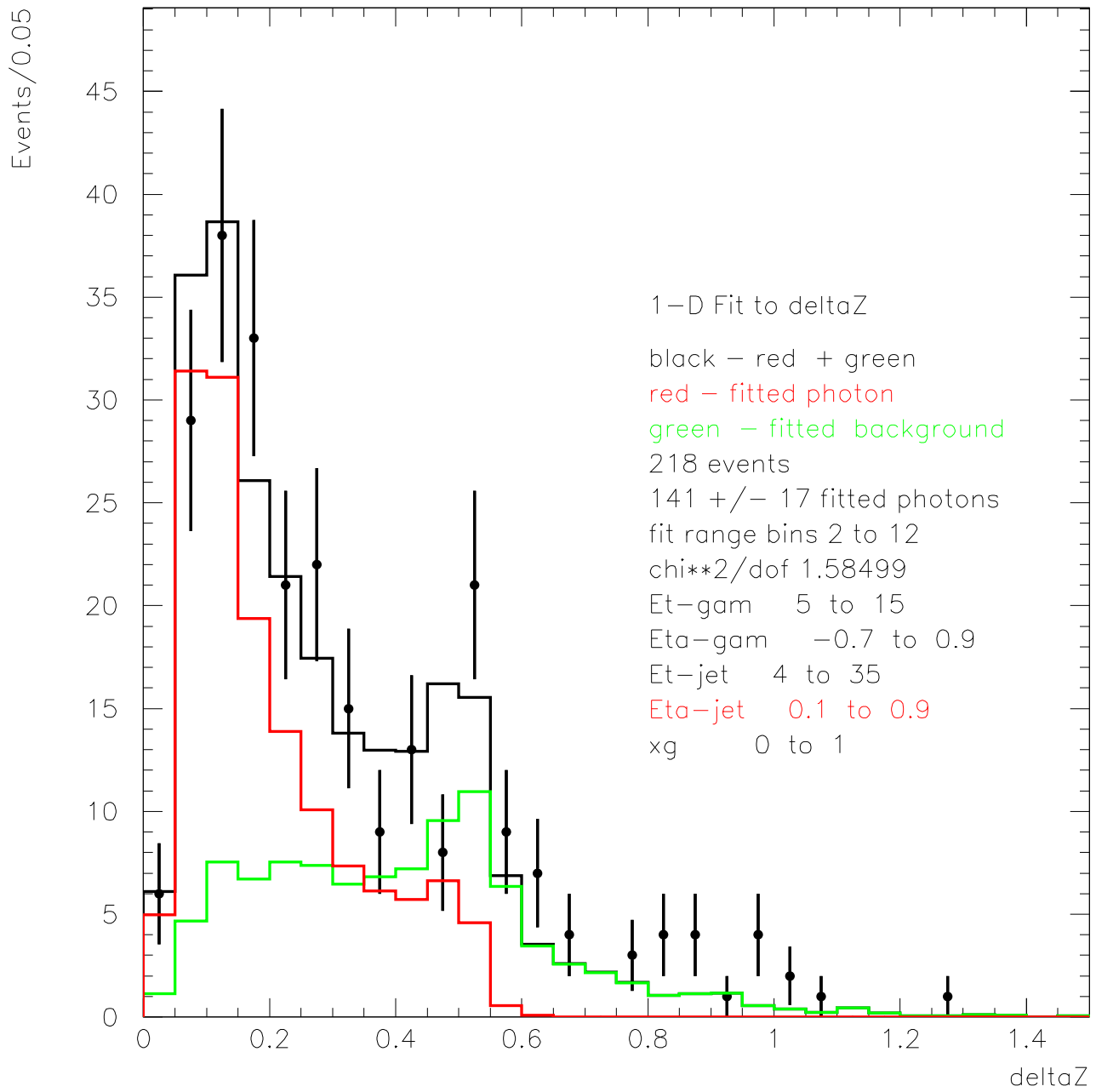
2014/10/09 11.12

1D deltaZ ,fitgj515diff28.kumac, G+J , 0.03 2.8, /analmc3/



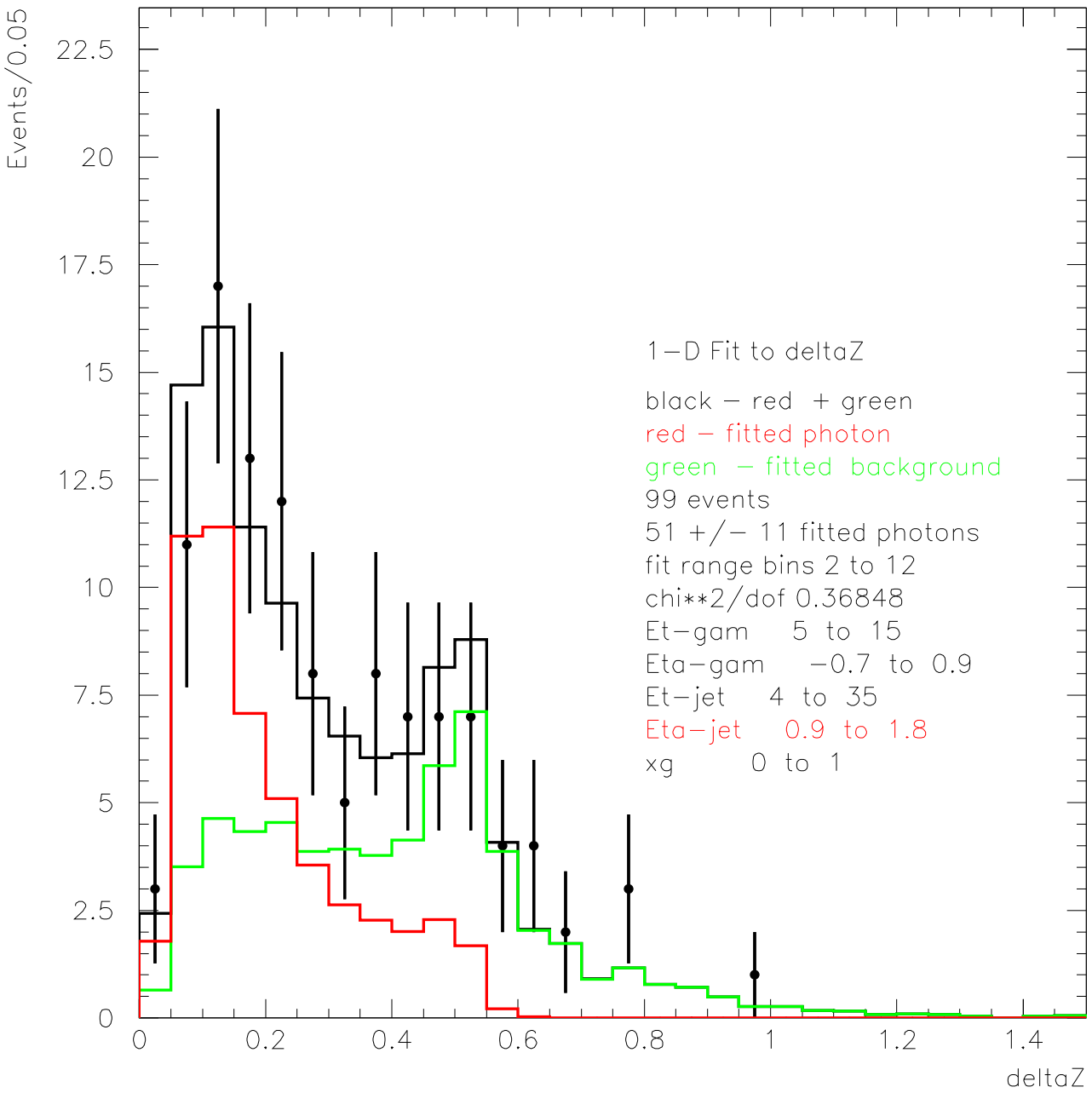
2014/10/09 11.12

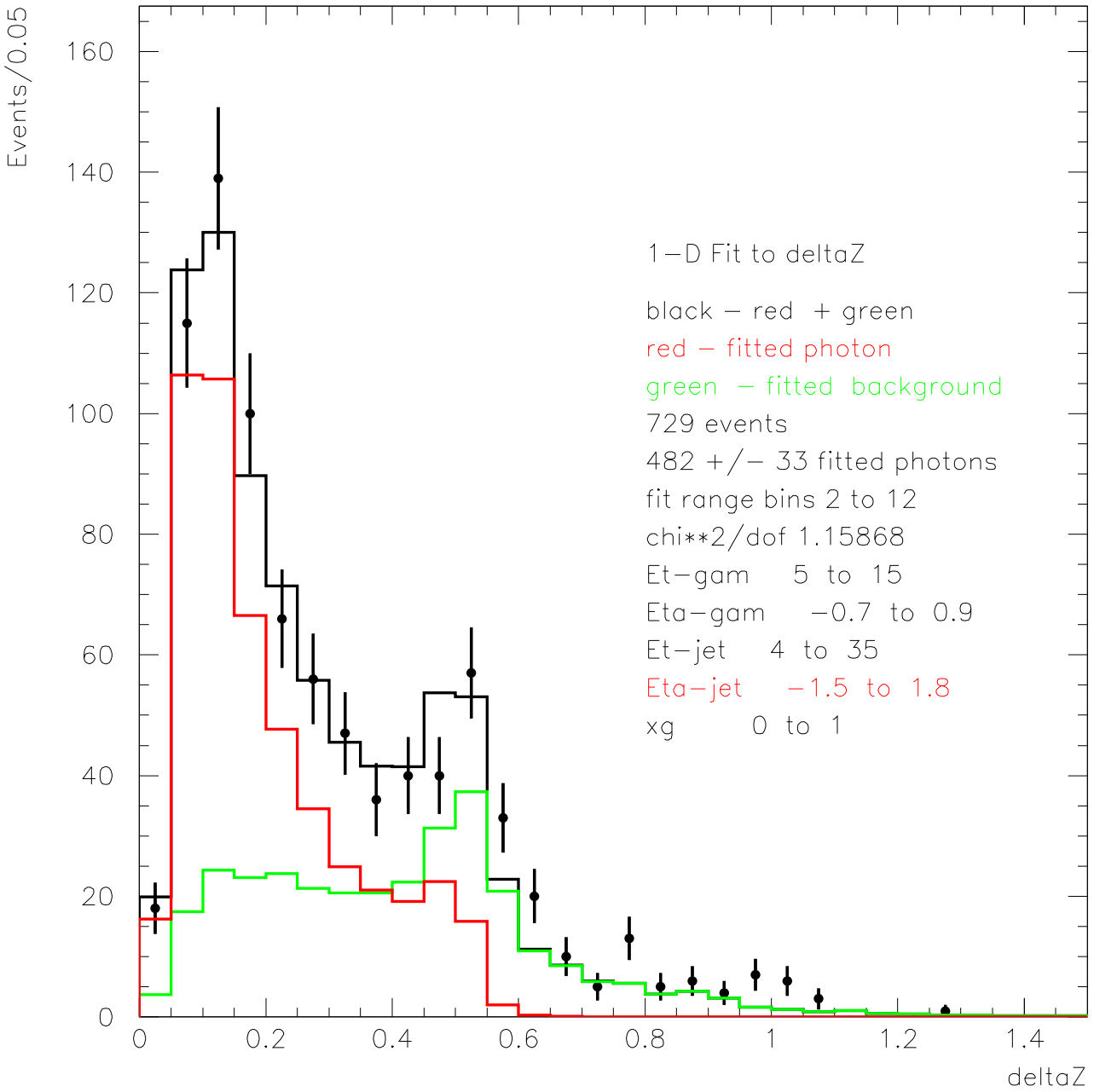
1D deltaZ ,fitgj515diff28.kumac, G+J , 0.03 2.8, /analmc3/



2014/10/09 11.13

1D deltaZ ,fitgj515diff28.kumac, G+J , 0.03 2.8, /analmc3/



2014/10/09 11.13

1D deltaZ ,fitgj515diff28.kumac, G+J , 0.03 2.8, /analmc3/