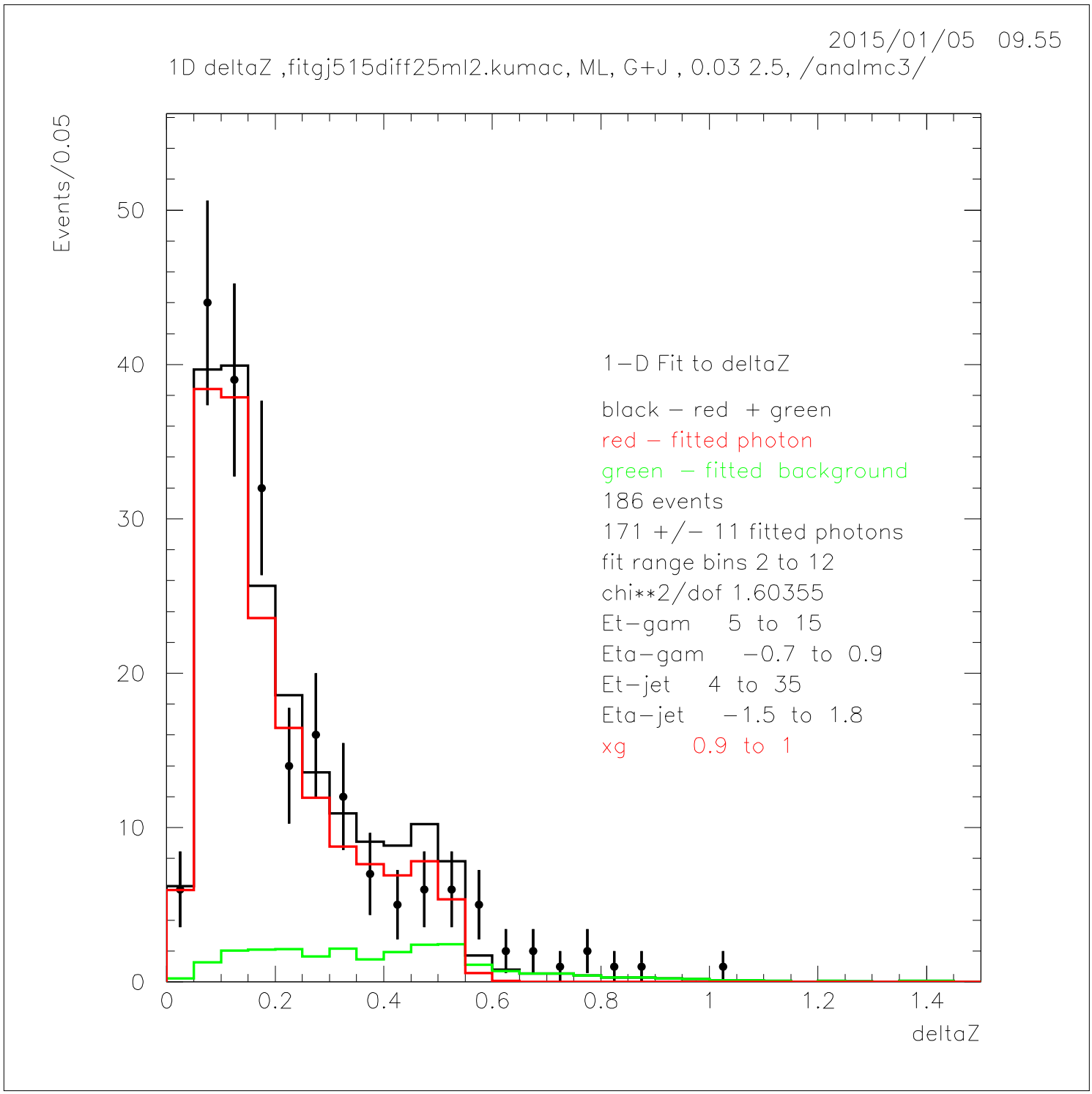
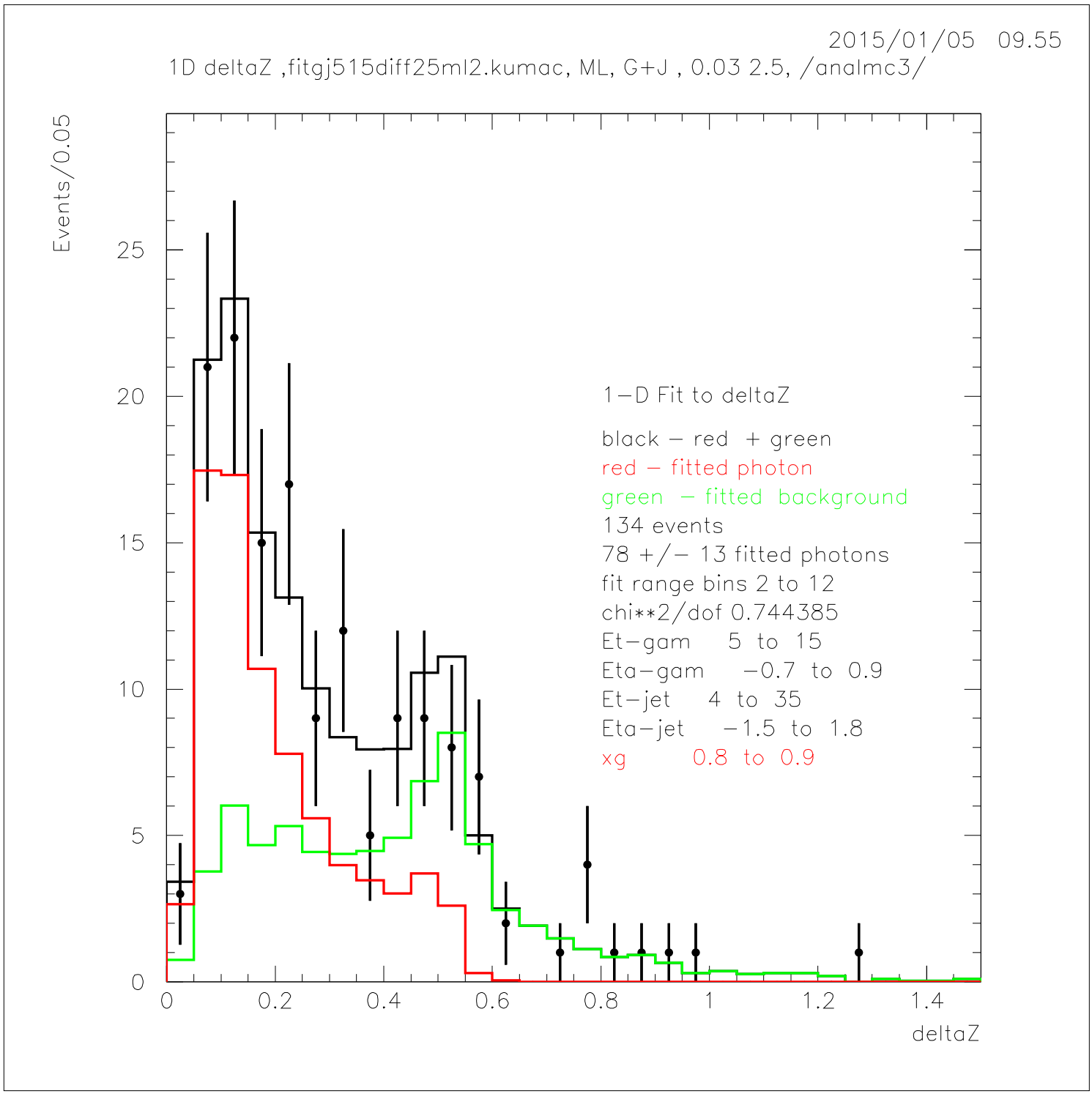
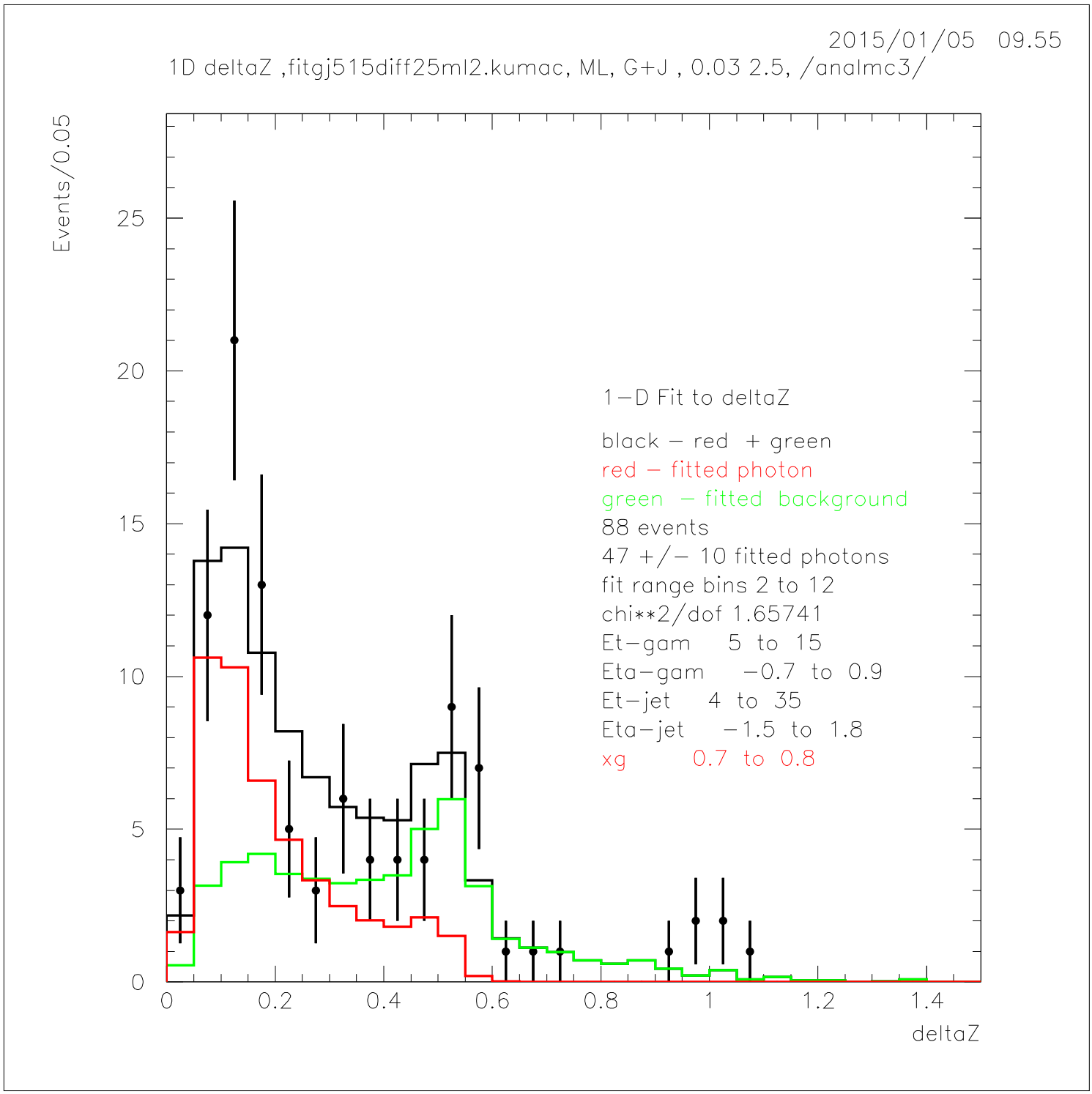
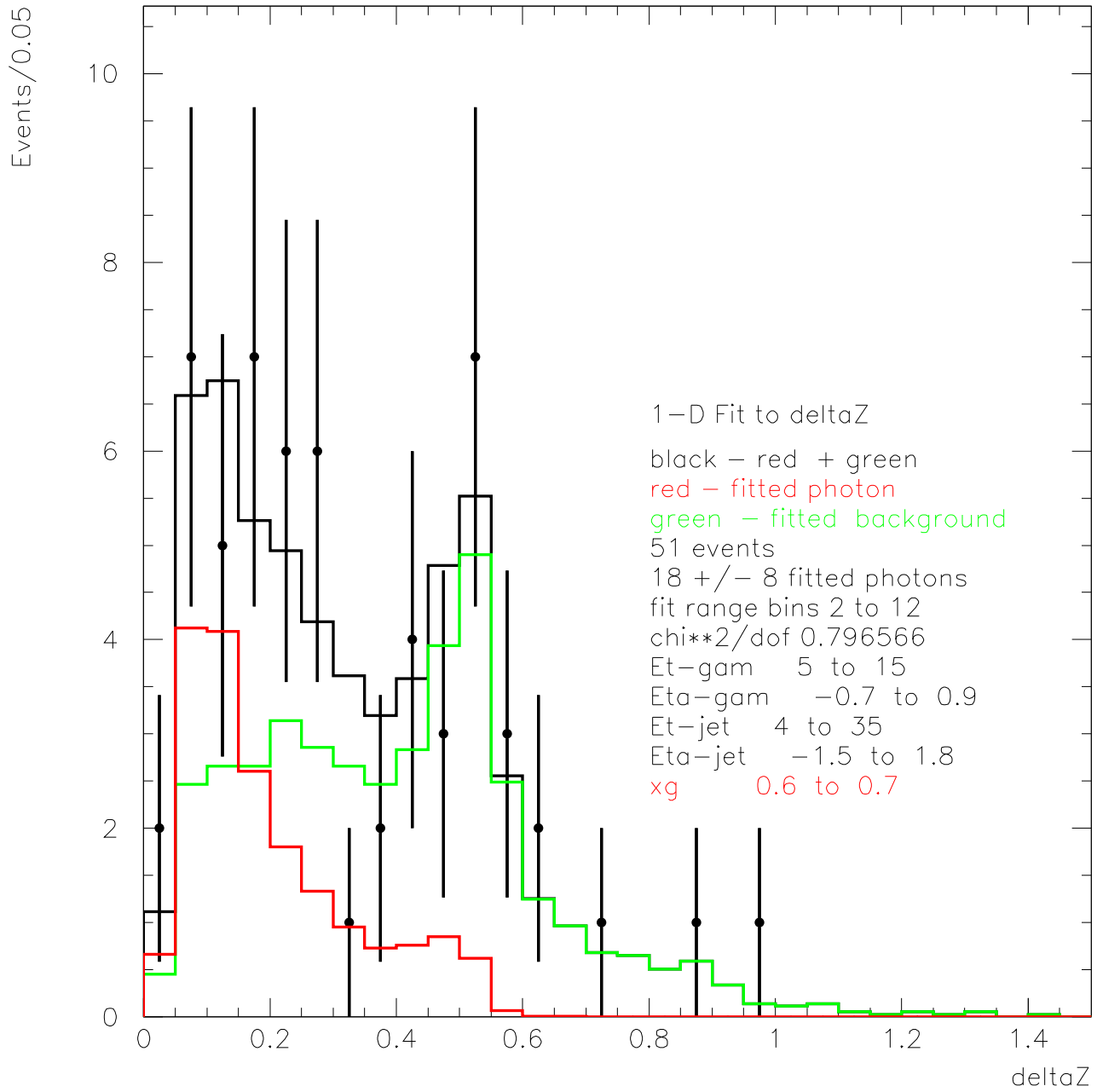

2015/01/05 09.55
1D deltaZ ,fitgj515diff25ml2.kumac, ML, G+J , 0.03 2.5, /analmc3/
Events/0.05
50
40
30
20
10
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
deltaZ
1−D Fit to deltaZ
black − red + green
red − fitted photon
green − fitted background
186 events
171 +/− 11 fitted photons
fit range bins 2 to 12
chi**2/dof 1.60355
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

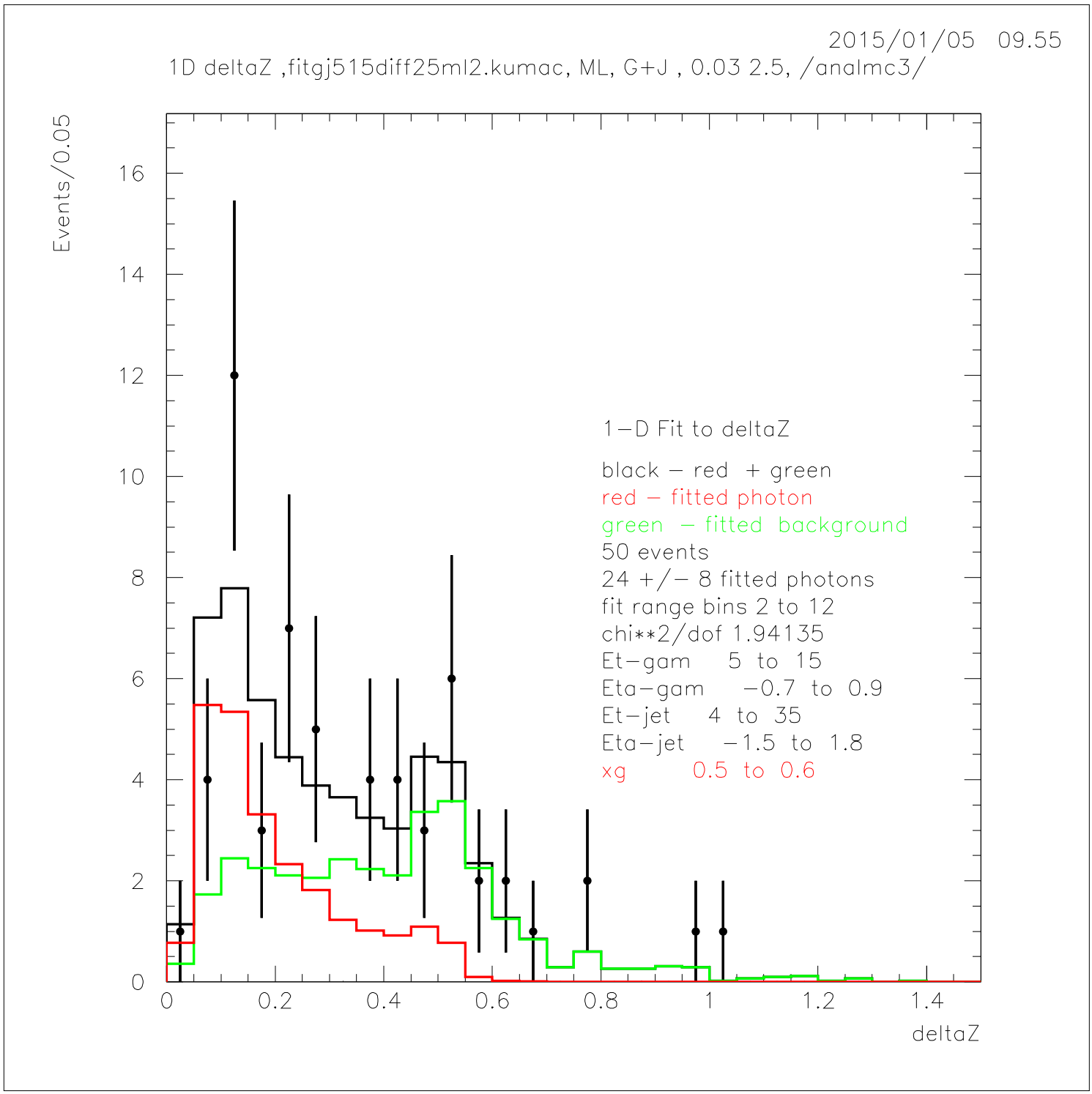

2015/01/05 09.55
1D deltaZ ,fitgj515diff25ml2.kumac, ML, G+J , 0.03 2.5, /analmc3/
Events/0.05
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
deltaZ
1−D Fit to deltaZ
black − red + green
red − fitted photon
green − fitted background
134 events
78 +/− 13 fitted photons
fit range bins 2 to 12
chi**2/dof 0.744385
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

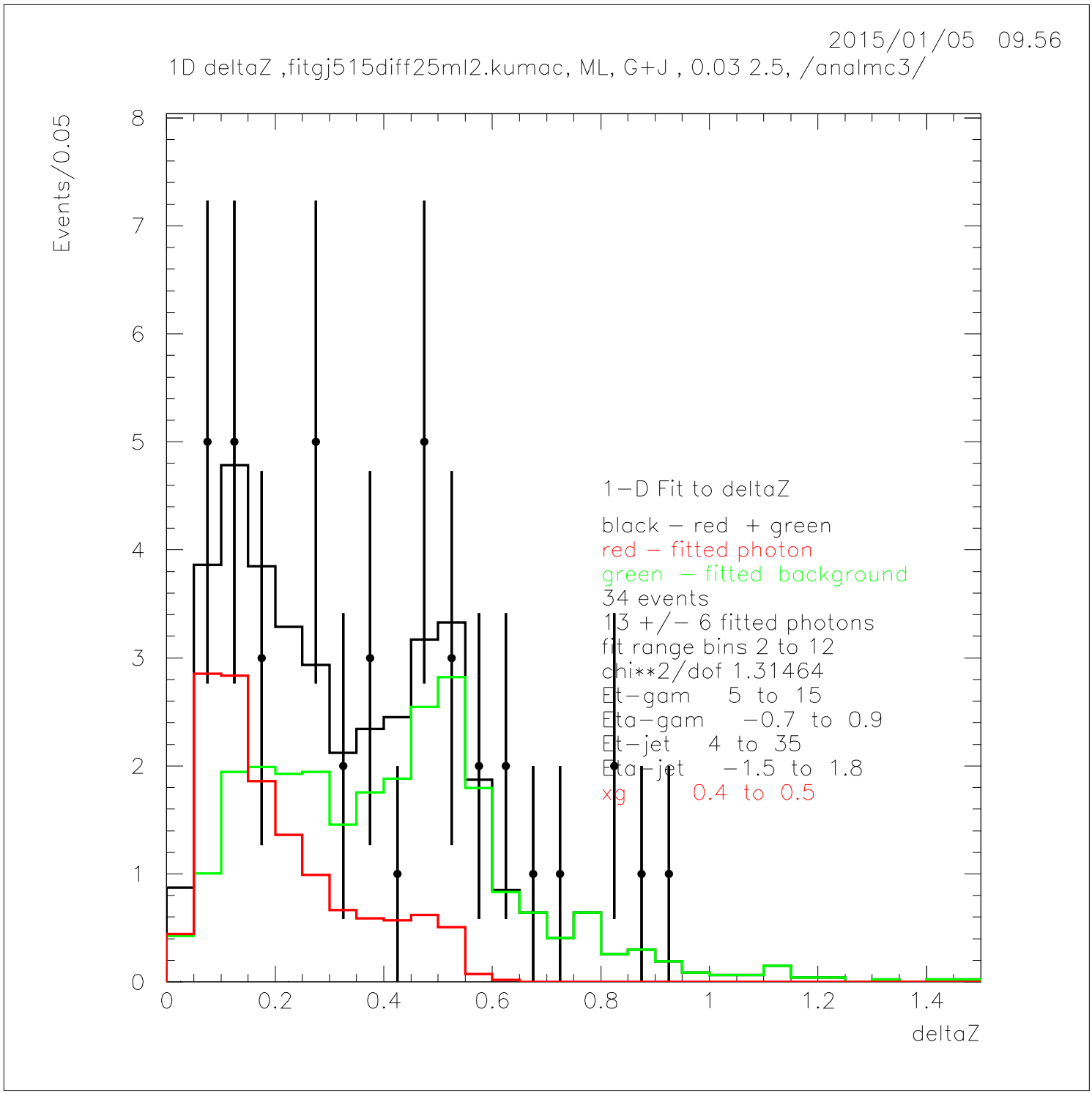

2015/01/05 09.55
1D deltaZ ,fitgj515diff25ml2.kumac, ML, G+J , 0.03 2.5, /analmc3/
Events/0.05
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
deltaZ
1−D Fit to deltaZ
black − red + green
red − fitted photon
green − fitted background
88 events
47 +/− 10 fitted photons
fit range bins 2 to 12
chi**2/dof 1.65741
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

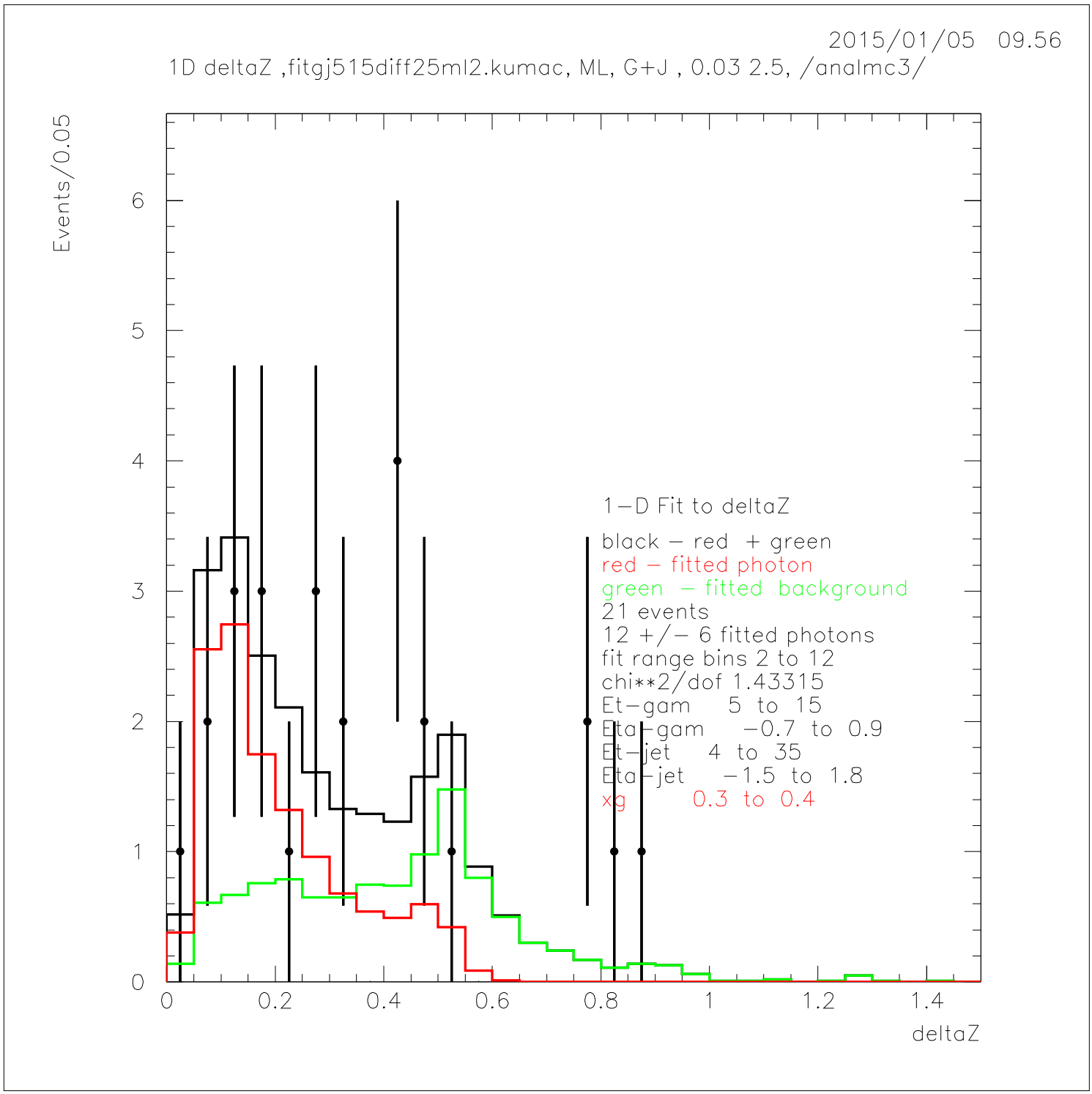
2015/01/05 09.55

1D deltaZ ,fitgj515diff25ml2.kumac, ML, G+J , 0.03 2.5, /analmc3/



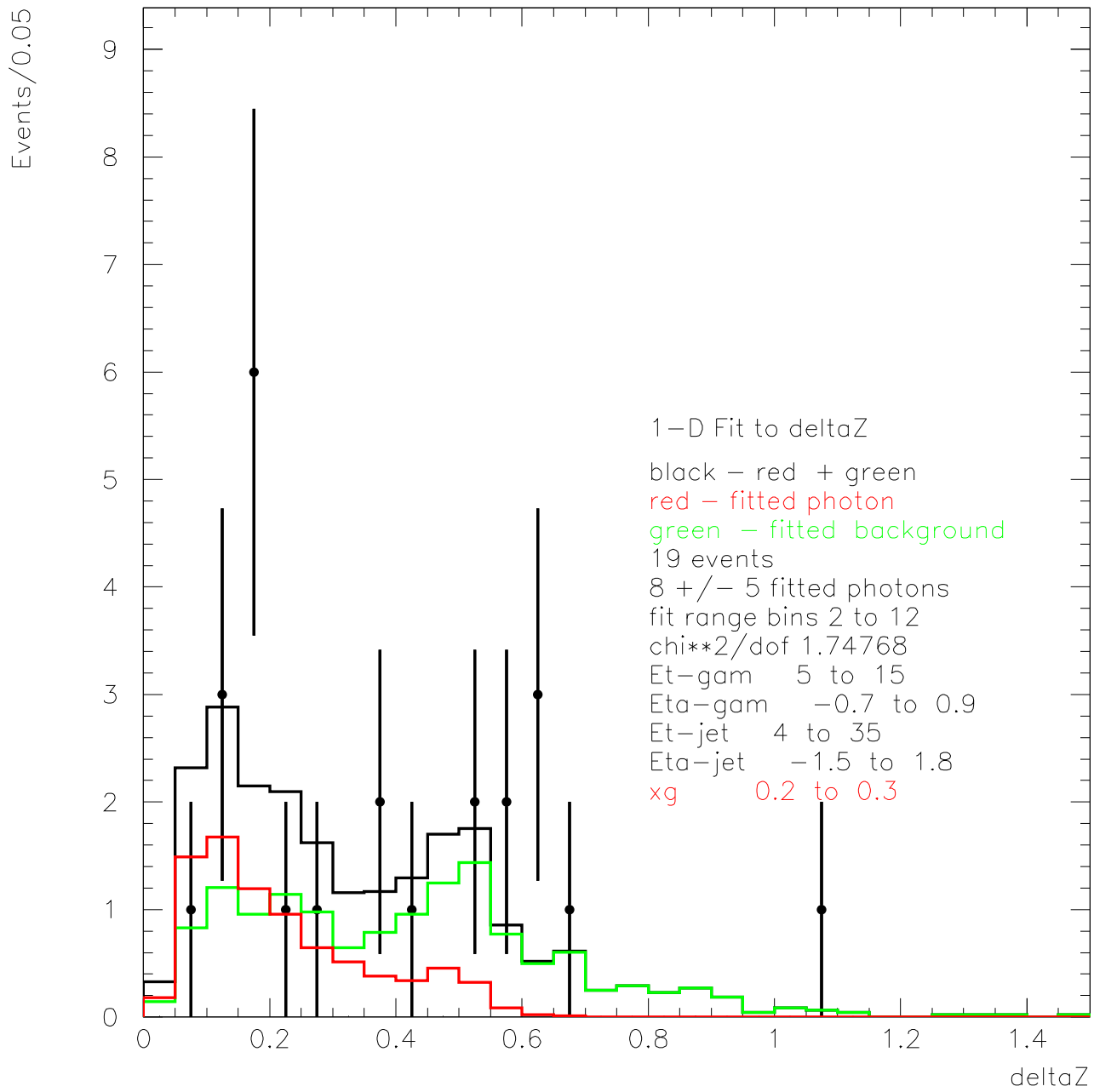

2015/01/05 09.55
1D deltaZ ,fitgj515diff25ml2.kumac, ML, G+J , 0.03 2.5, /analmc3/
Events/0.05
16
14
12
10
8
6
4
2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
deltaZ
1−D Fit to deltaZ
black − red + green
red − fitted photon
green − fitted background
50 events
24 +/− 8 fitted photons
fit range bins 2 to 12
chi**2/dof 1.94135
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


2015/01/05 09.56
1D deltaZ ,fitgj515diff25ml2.kumac, ML, G+J , 0.03 2.5, /analmc3/
Events/0.05
deltaZ
1−D Fit to deltaZ
black − red + green
red − fitted photon
green − fitted background
34 events
13 +/− 6 fitted photons
fit range bins 2 to 12
chi**2/dof 1.31464
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 0.4 to 0.5


2015/01/05 09.56
1D deltaZ ,fitgj515diff25ml2.kumac, ML, G+J , 0.03 2.5, /analmc3/
Events/0.05
deltaZ
1−D Fit to deltaZ
black − red + green
red − fitted photon
green − fitted background
21 events
12 +/− 6 fitted photons
fit range bins 2 to 12
chi**2/dof 1.43315
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 0.3 to 0.4

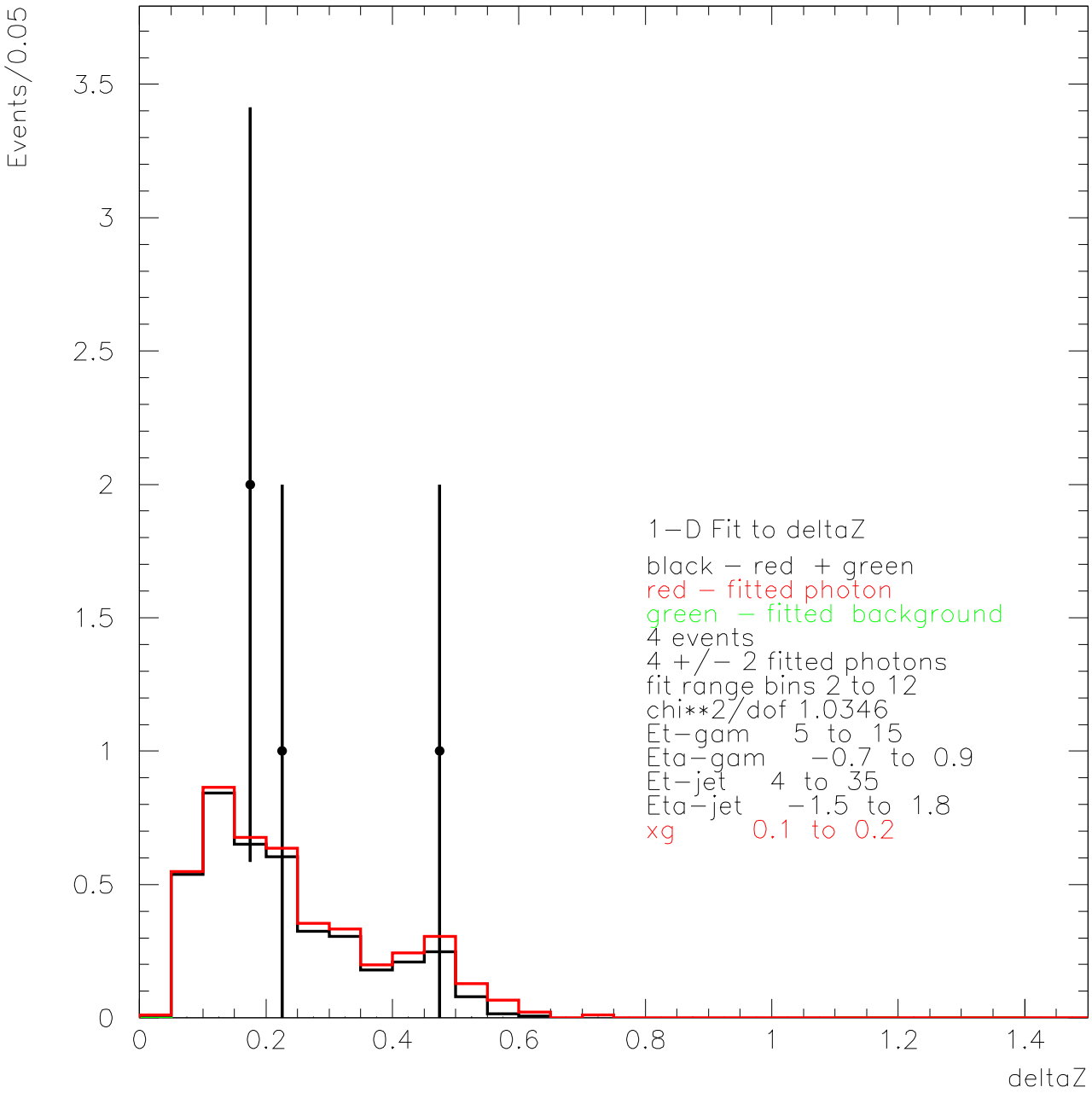
2015/01/05 09.56

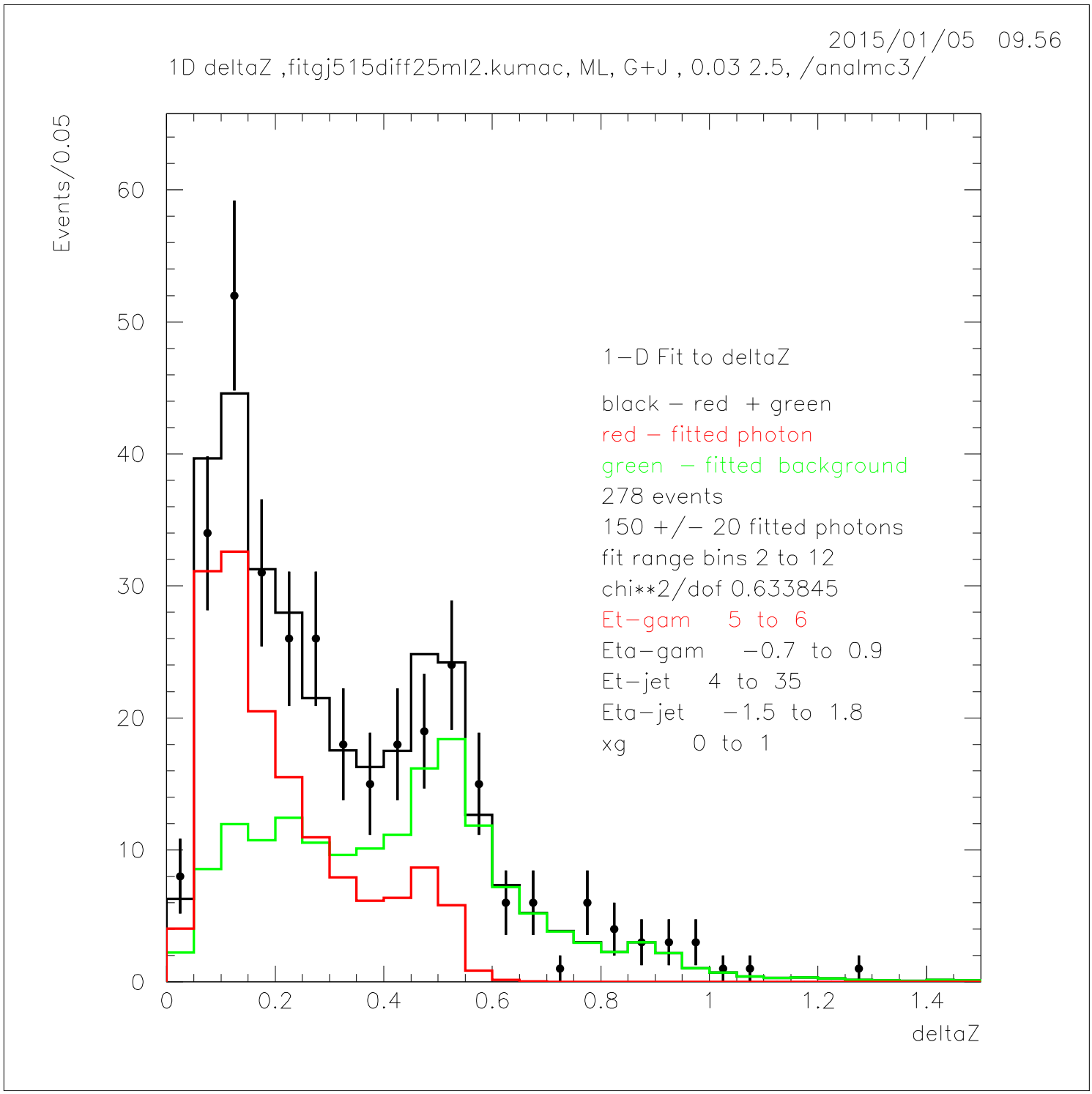
1D deltaZ ,fitgj515diff25ml2.kumac, ML, G+J , 0.03 2.5, /analmc3/

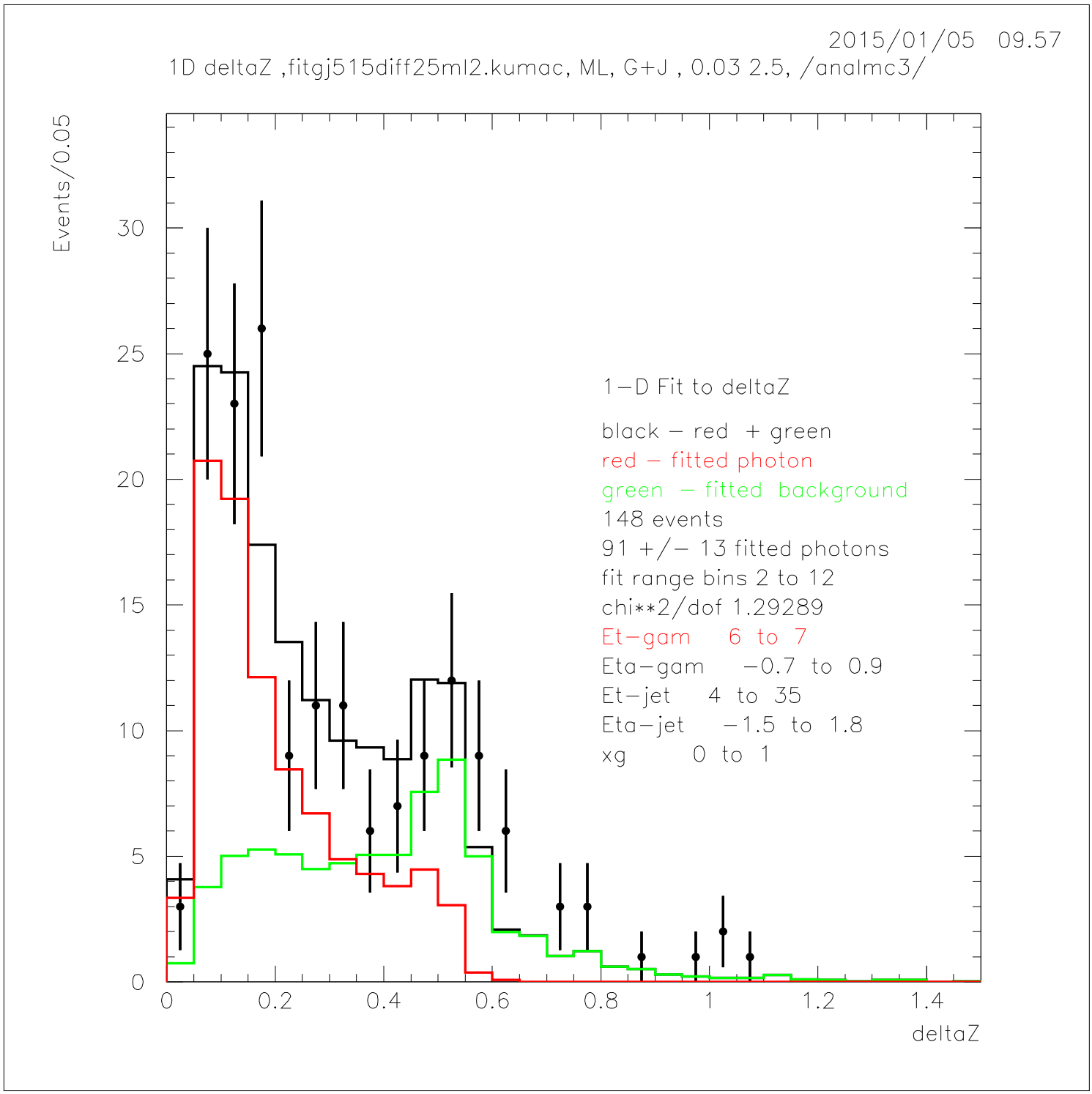


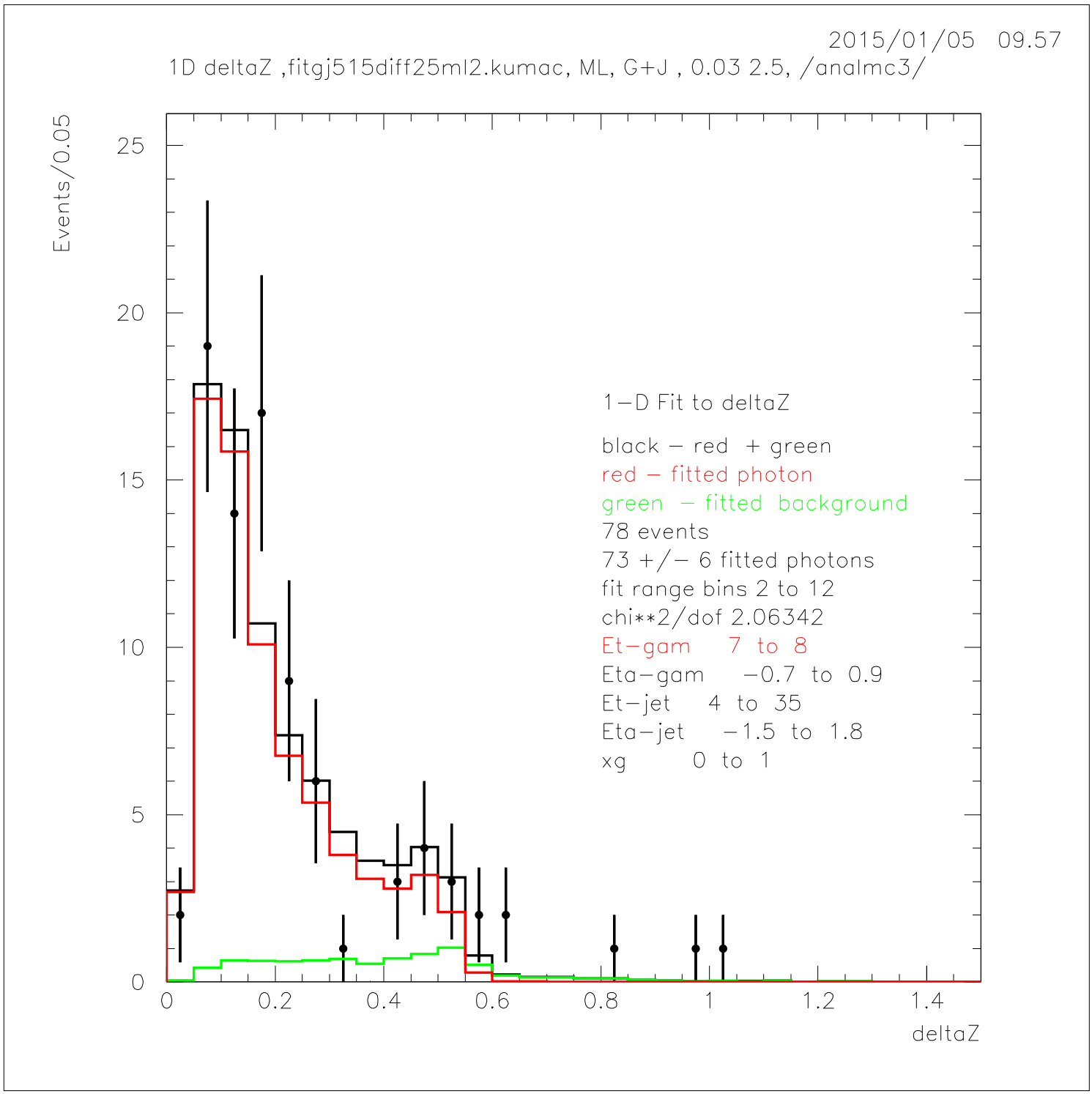
2015/01/05 09.56

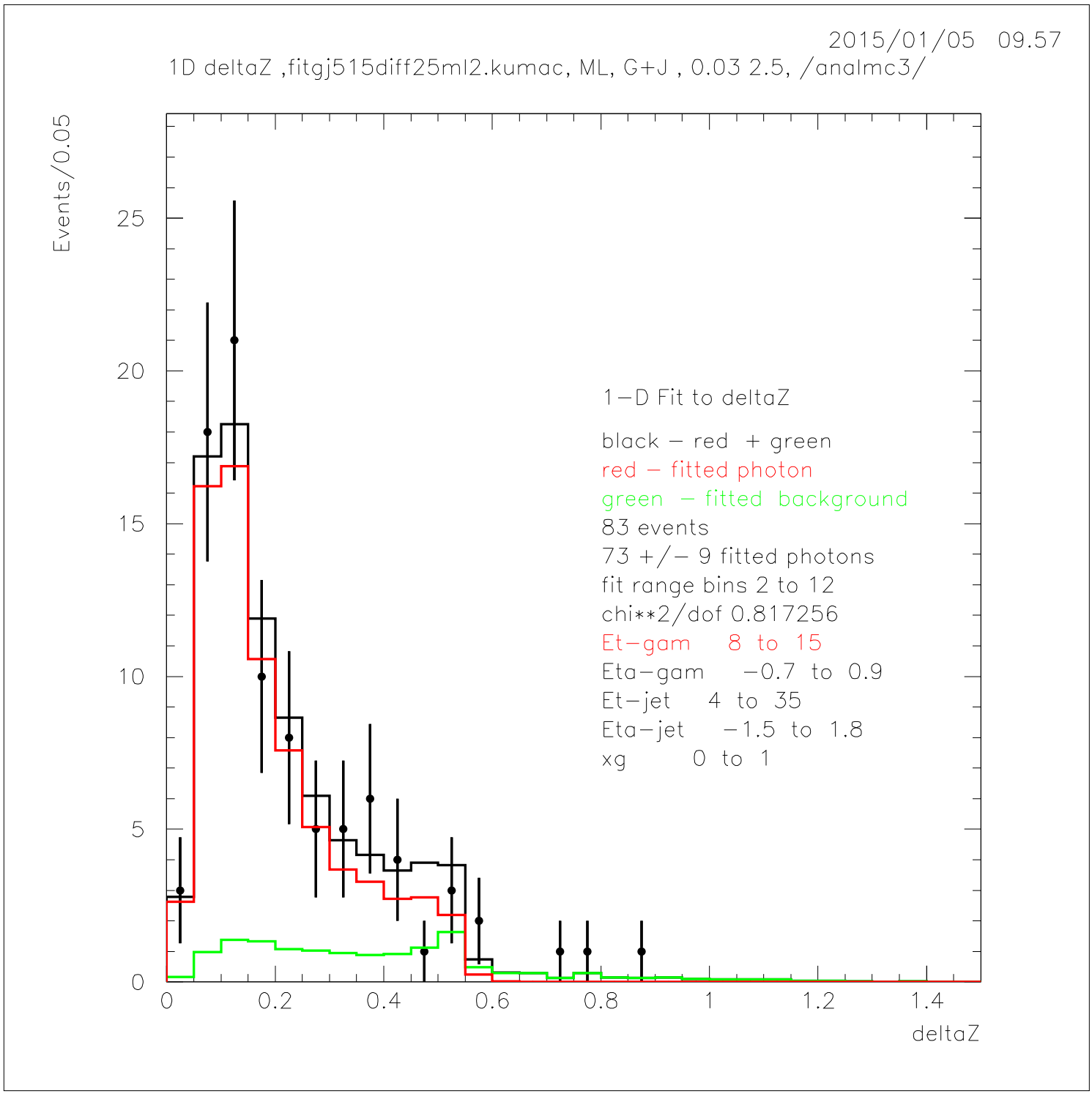
1D deltaZ ,fitgj515diff25ml2.kumac, ML, G+J , 0.03 2.5, /analmc3/

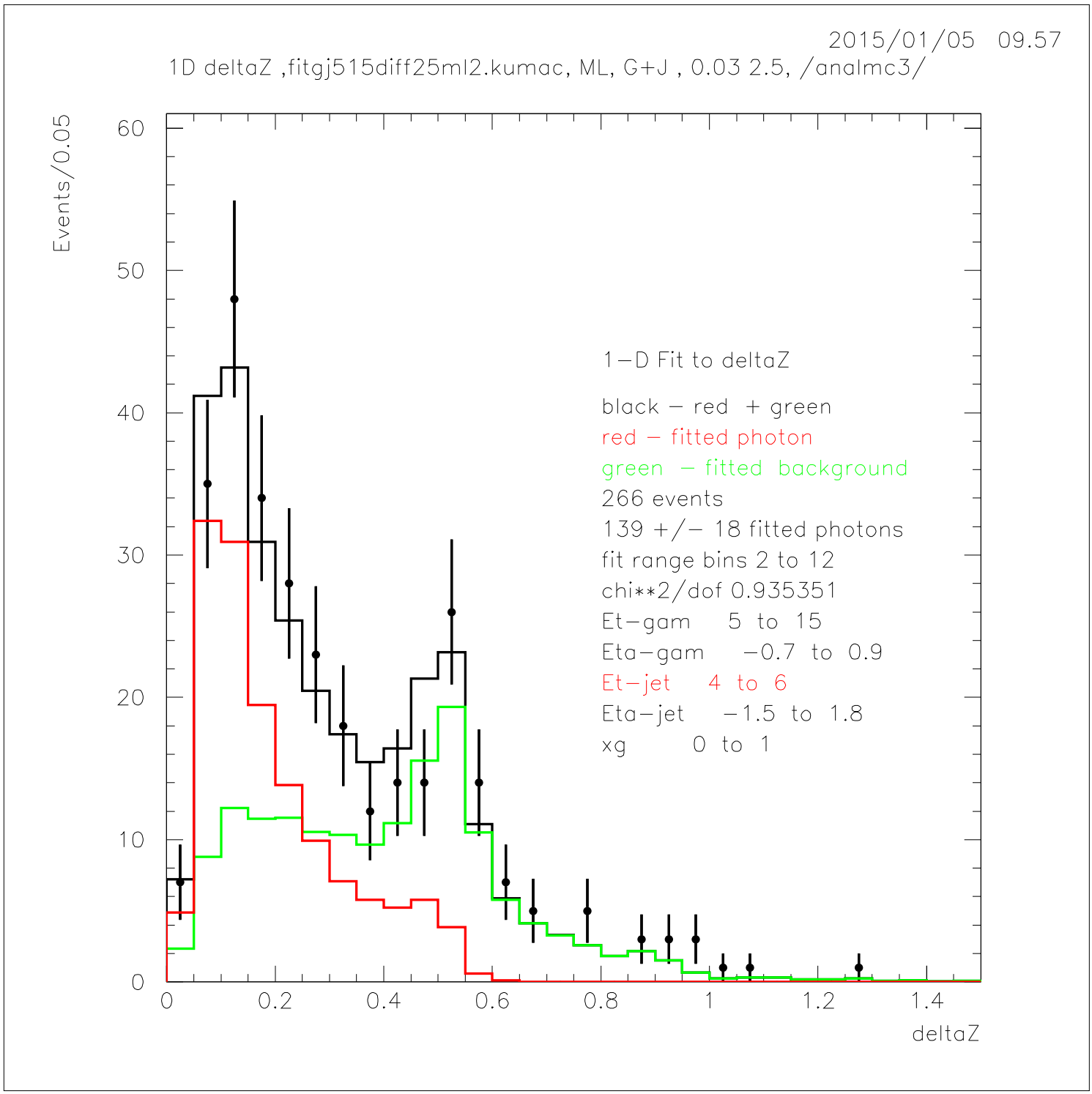


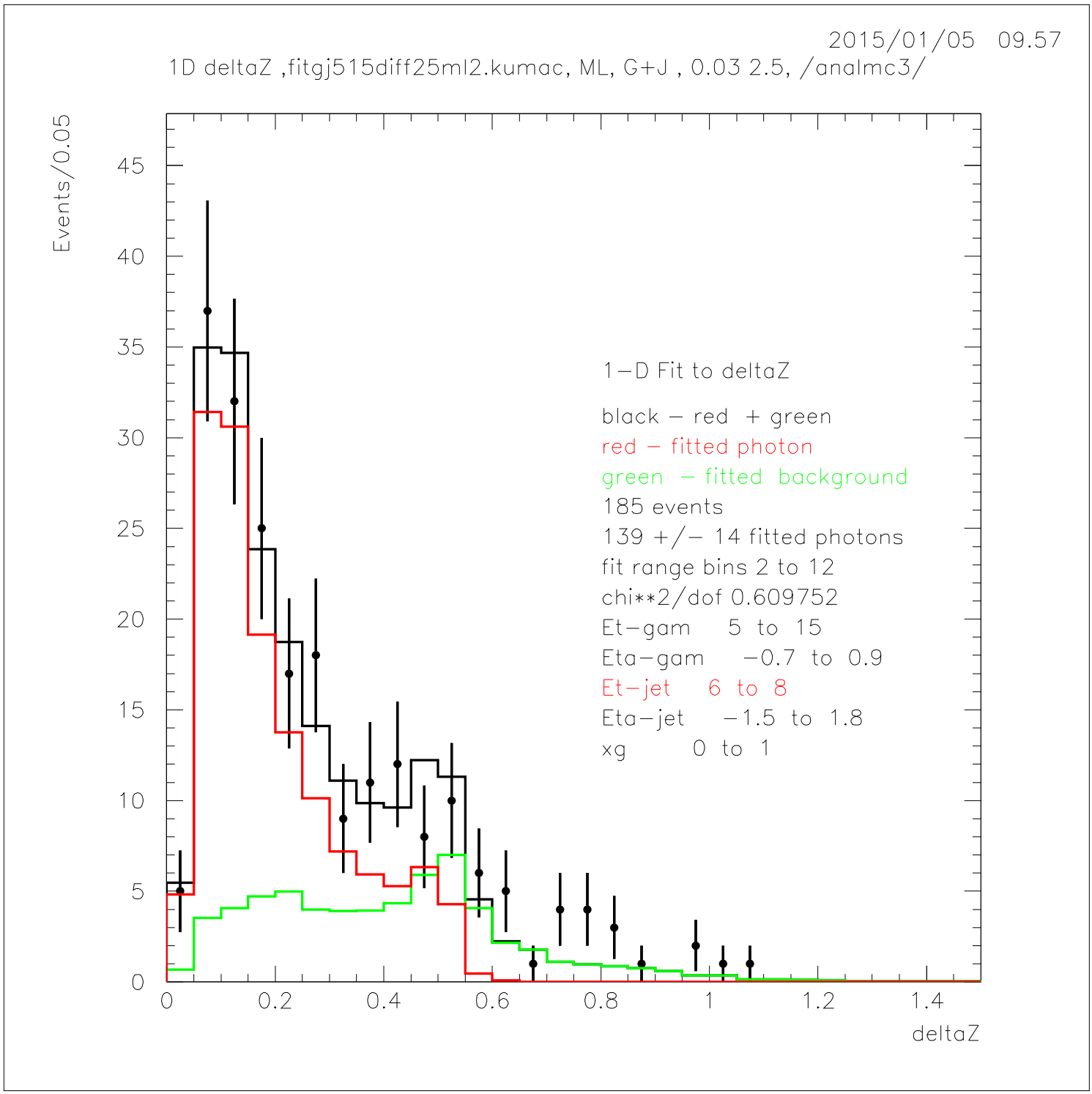

2015/01/05 09.56
1D deltaZ ,fitgj515diff25ml2.kumac, ML, G+J , 0.03 2.5, /analmc3/
Events/0.05
60
50
40
30
20
10
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
deltaZ
1−D Fit to deltaZ
black − red + green
red − fitted photon
green − fitted background
278 events
150 +/− 20 fitted photons
fit range bins 2 to 12
chi**2/dof 0.633845
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

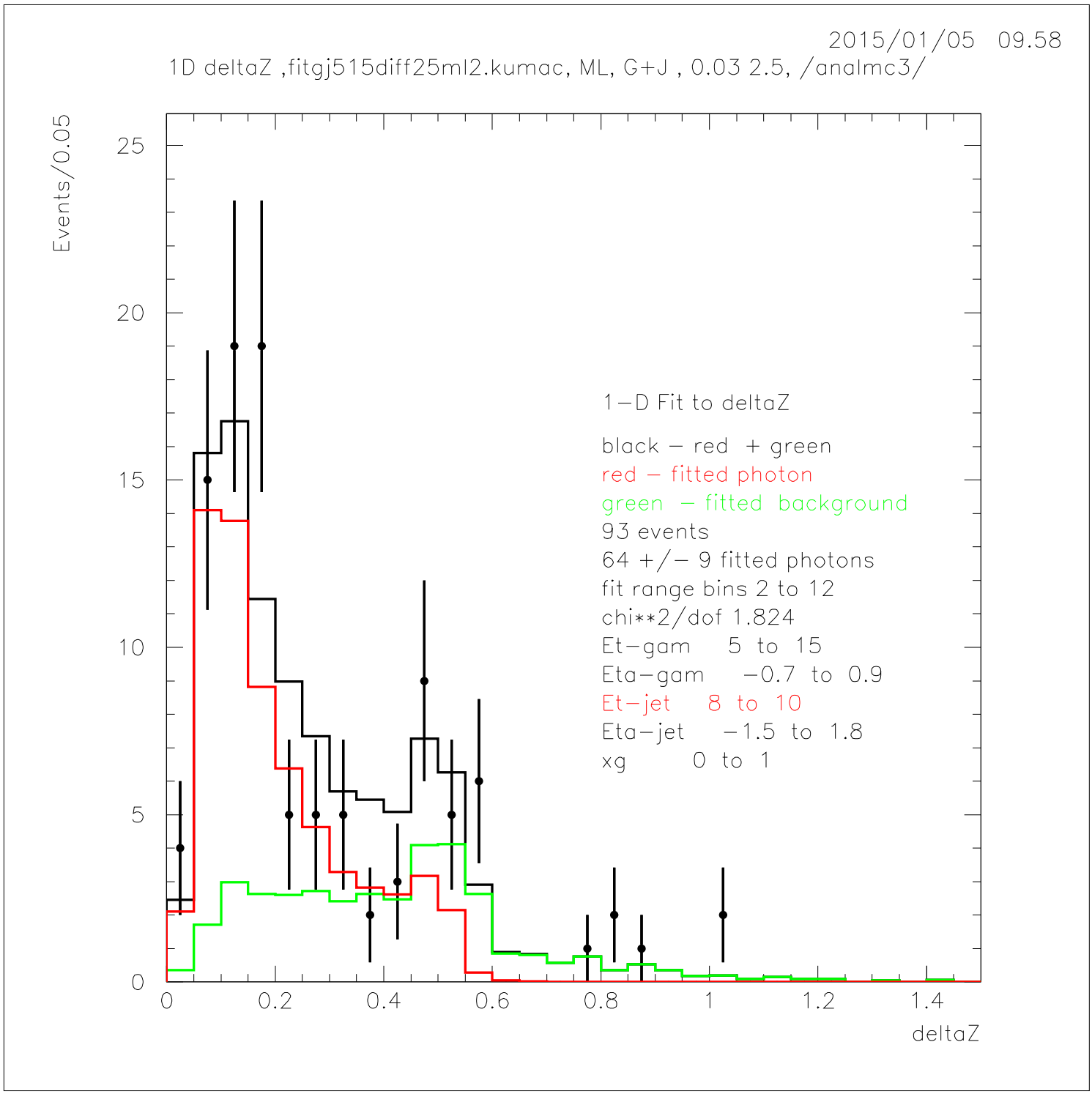

2015/01/05 09.57
1D deltaZ ,fitgj515diff25ml2.kumac, ML, G+J , 0.03 2.5, /analmc3/
Events/0.05
30
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
deltaZ
1−D Fit to deltaZ
black − red + green
red − fitted photon
green − fitted background
148 events
91 +/− 13 fitted photons
fit range bins 2 to 12
chi**2/dof 1.29289
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


2015/01/05 09.57
1D deltaZ ,fitgj515diff25ml2.kumac, ML, G+J , 0.03 2.5, /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
78 events
73 +/− 6 fitted photons
fit range bins 2 to 12
chi**2/dof 2.06342
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


2015/01/05 09.57
1D deltaZ ,fitgj515diff25ml2.kumac, ML, G+J , 0.03 2.5, /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
83 events
73 +/− 9 fitted photons
fit range bins 2 to 12
chi**2/dof 0.817256
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

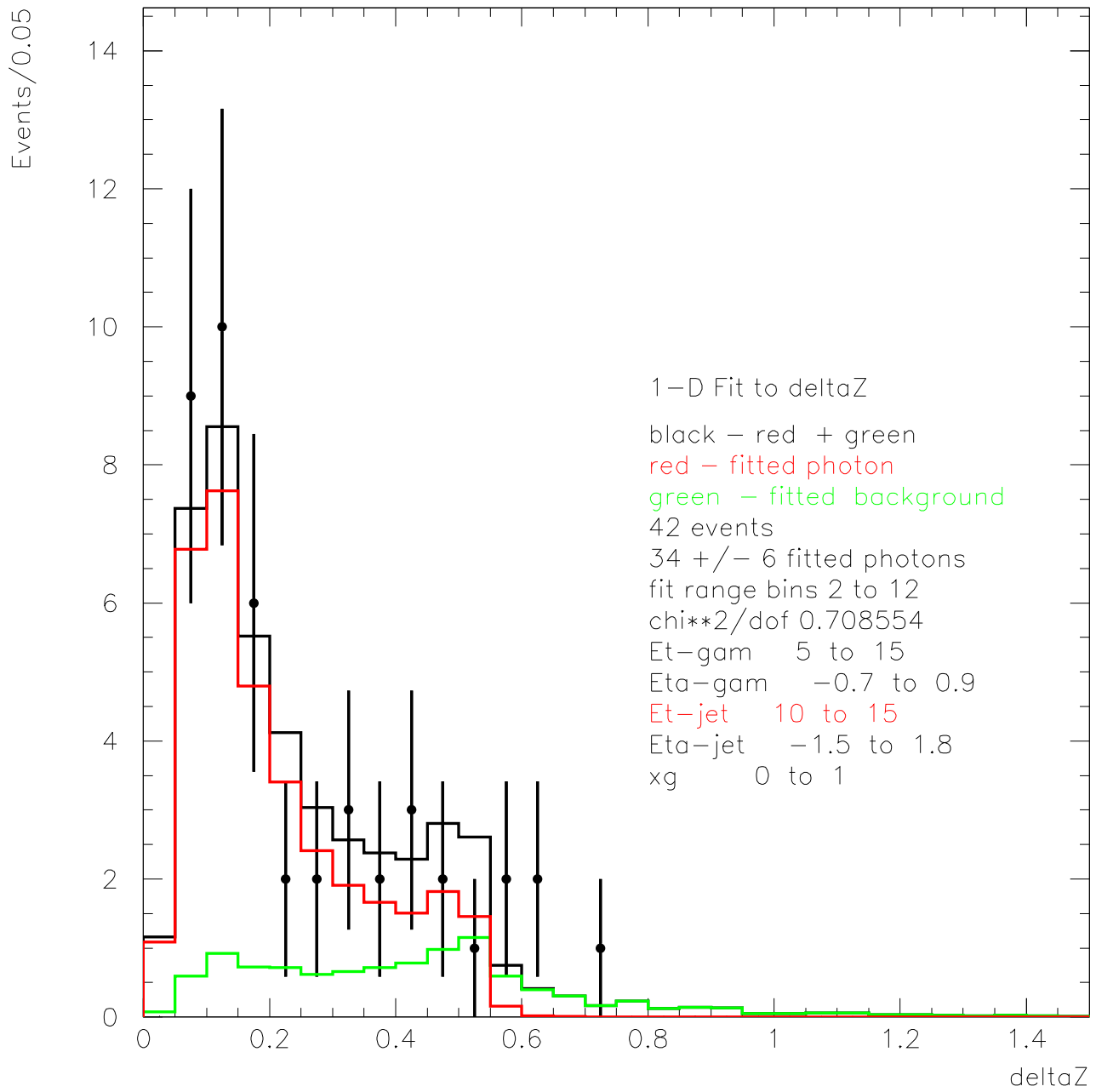

2015/01/05 09.57
1D deltaZ ,fitgj515diff25ml2.kumac, ML, G+J , 0.03 2.5, /analmc3/
Events/0.05
60
50
40
30
20
10
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
deltaZ
1−D Fit to deltaZ
black − red + green
red − fitted photon
green − fitted background
266 events
139 +/− 18 fitted photons
fit range bins 2 to 12
chi**2/dof 0.935351
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

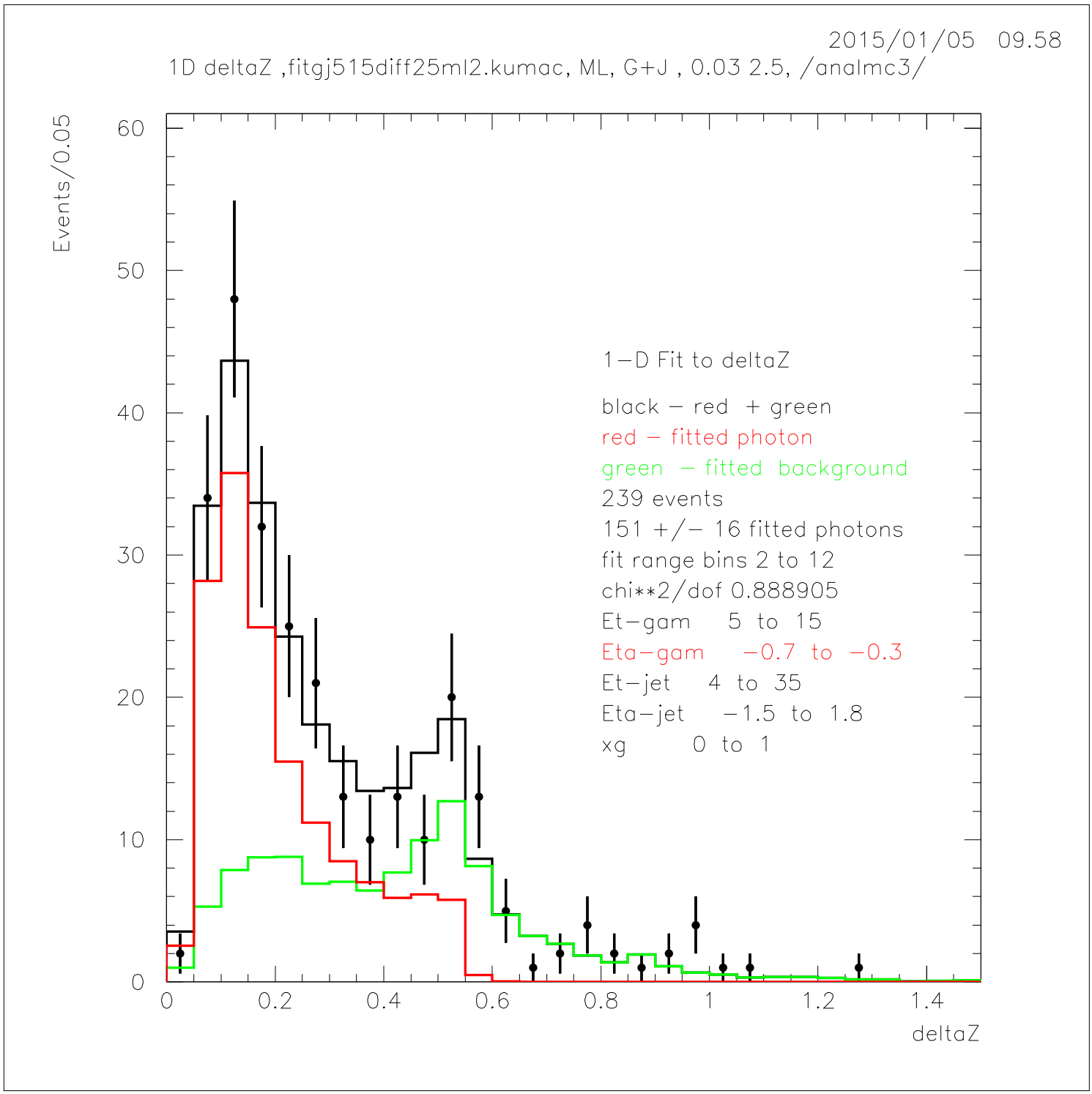

2015/01/05 09.57
1D deltaZ ,fitgj515diff25ml2.kumac, ML, G+J , 0.03 2.5, /analmc3/
Events/0.05
deltaZ
1−D Fit to deltaZ
black − red + green
red − fitted photon
green − fitted background
185 events
139 +/− 14 fitted photons
fit range bins 2 to 12
chi**2/dof 0.609752
Et−gam 5 to 15
Eta−gam −0.7 to 0.9
Et−jet 6 to 8
Eta−jet −1.5 to 1.8
xg 0 to 1

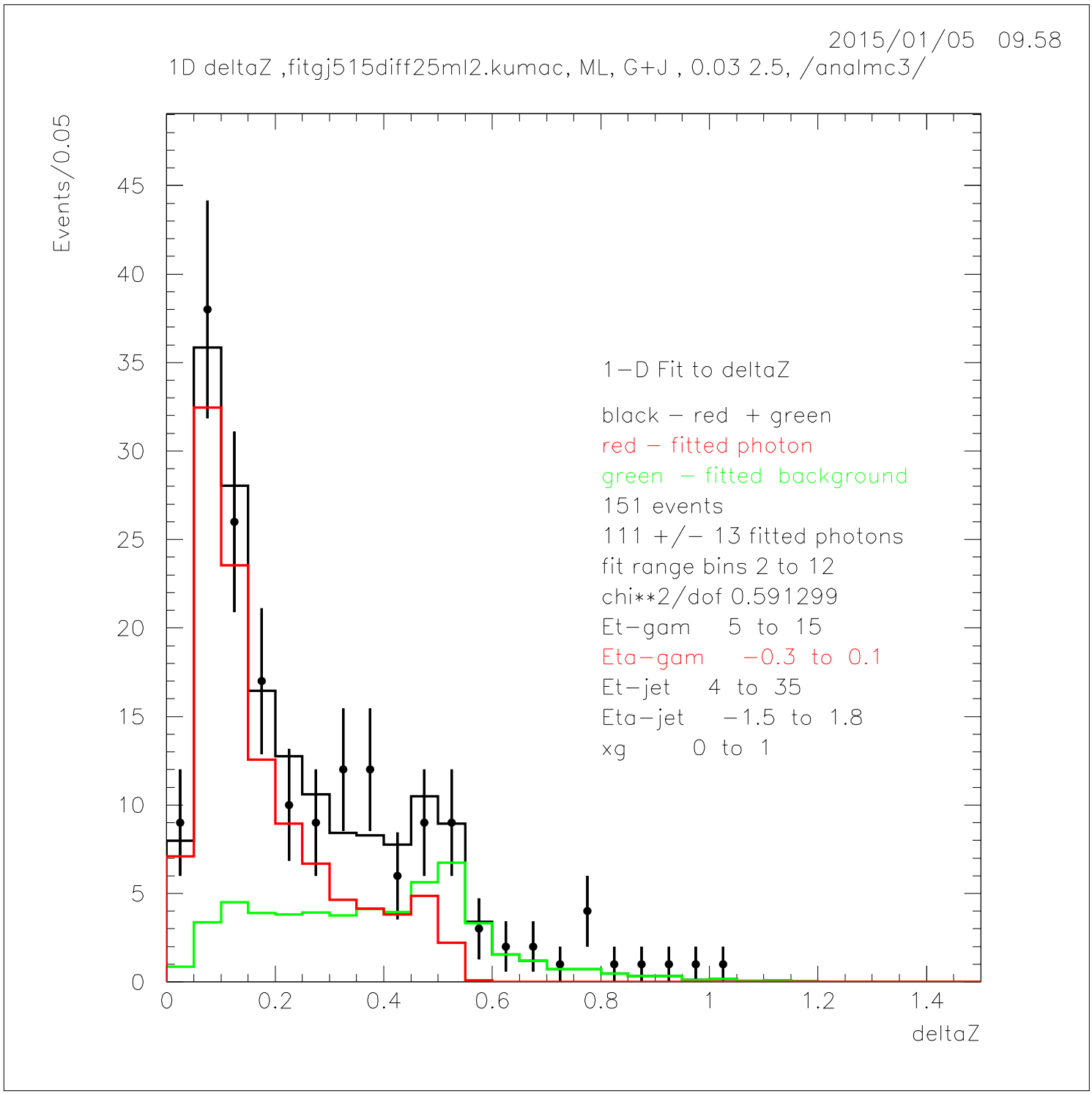

2015/01/05 09.58
1D deltaZ ,fitgj515diff25ml2.kumac, ML, G+J , 0.03 2.5, /analmc3/
Events/0.05
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
deltaZ
1−D Fit to deltaZ
black − red + green
red − fitted photon
green − fitted background
93 events
64 +/− 9 fitted photons
fit range bins 2 to 12
chi**2/dof 1.824
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

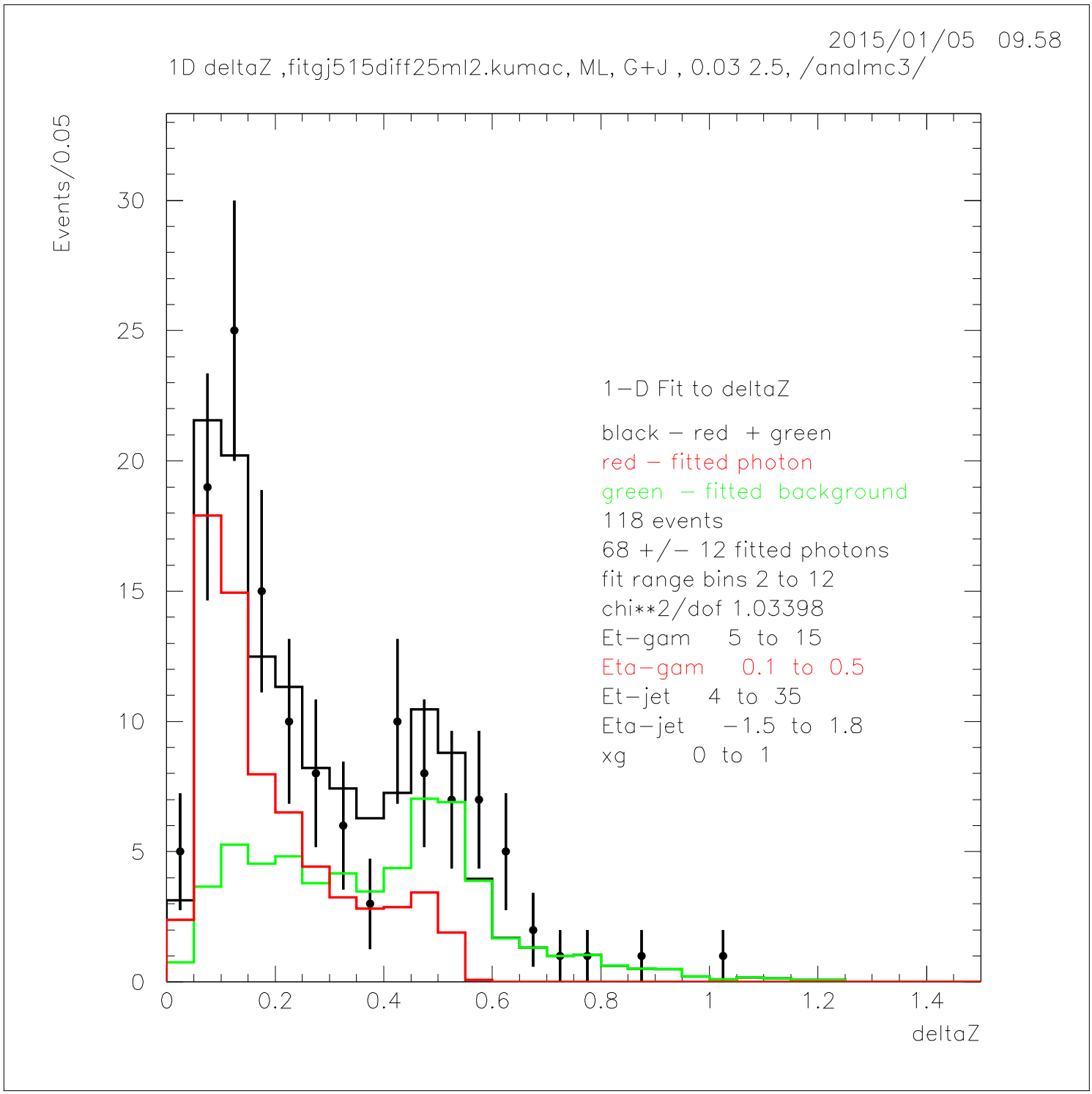
2015/01/05 09.58

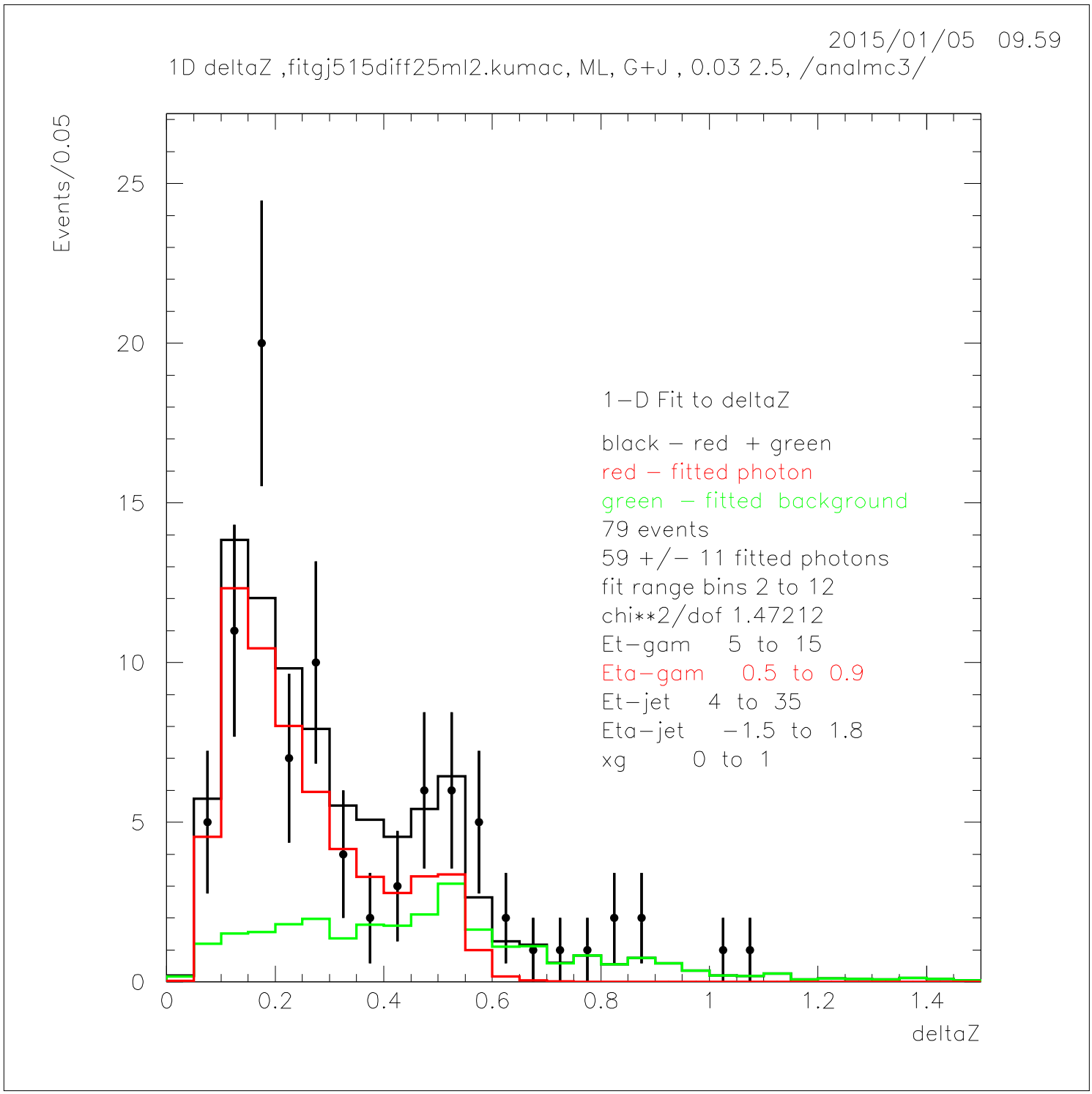
1D deltaZ ,fitgj515diff25ml2.kumac, ML, G+J , 0.03 2.5, /analmc3/

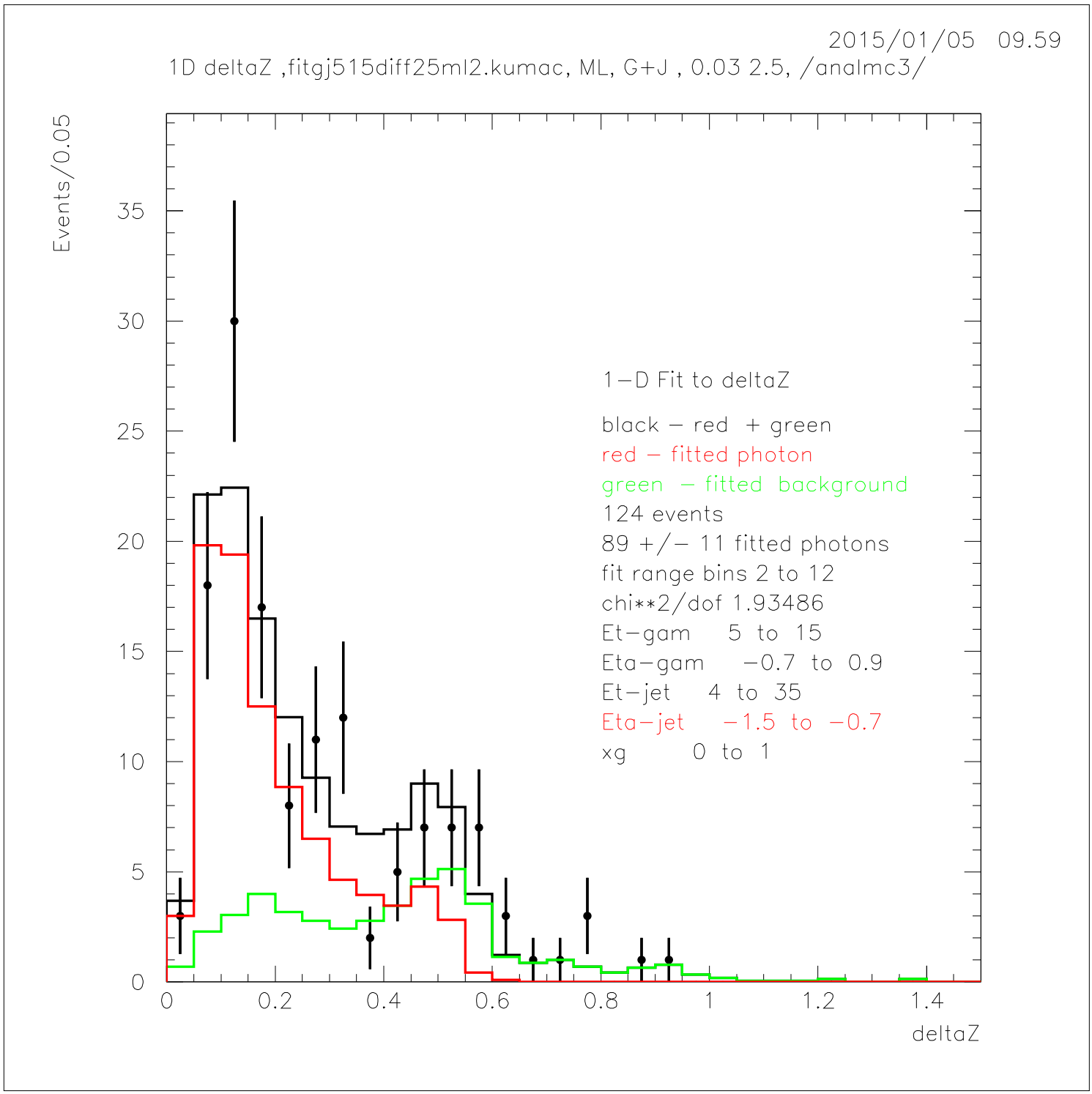


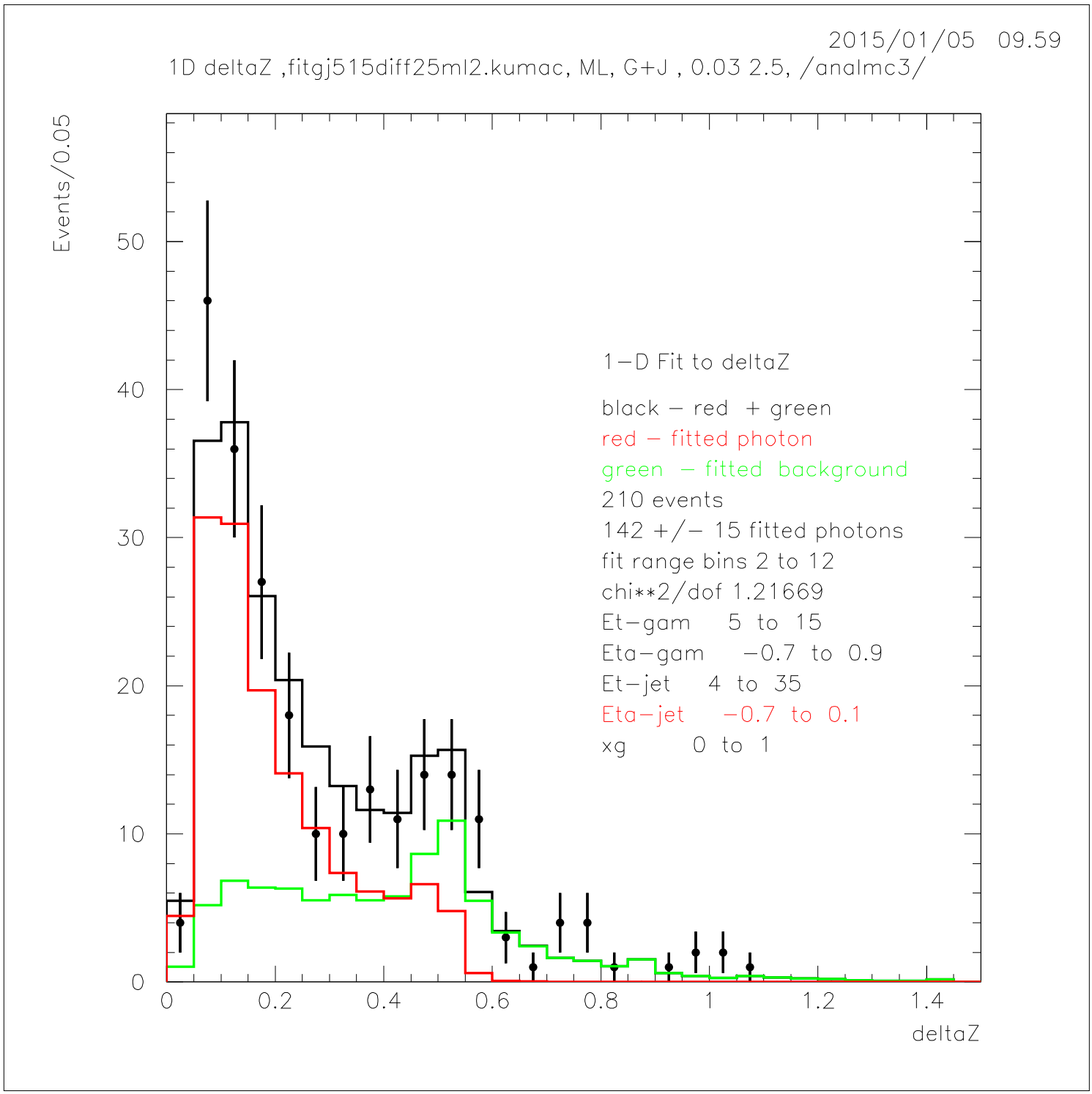

2015/01/05 09.58
1D deltaZ ,fitgj515diff25ml2.kumac, ML, G+J , 0.03 2.5, /analmc3/
Events/0.05
deltaZ
1−D Fit to deltaZ
black − red + green
red − fitted photon
green − fitted background
239 events
151 +/− 16 fitted photons
fit range bins 2 to 12
chi**2/dof 0.888905
Et−gam 5 to 15
Eta−gam −0.7 to −0.3
Et−jet 4 to 35
Eta−jet −1.5 to 1.8
xg 0 to 1

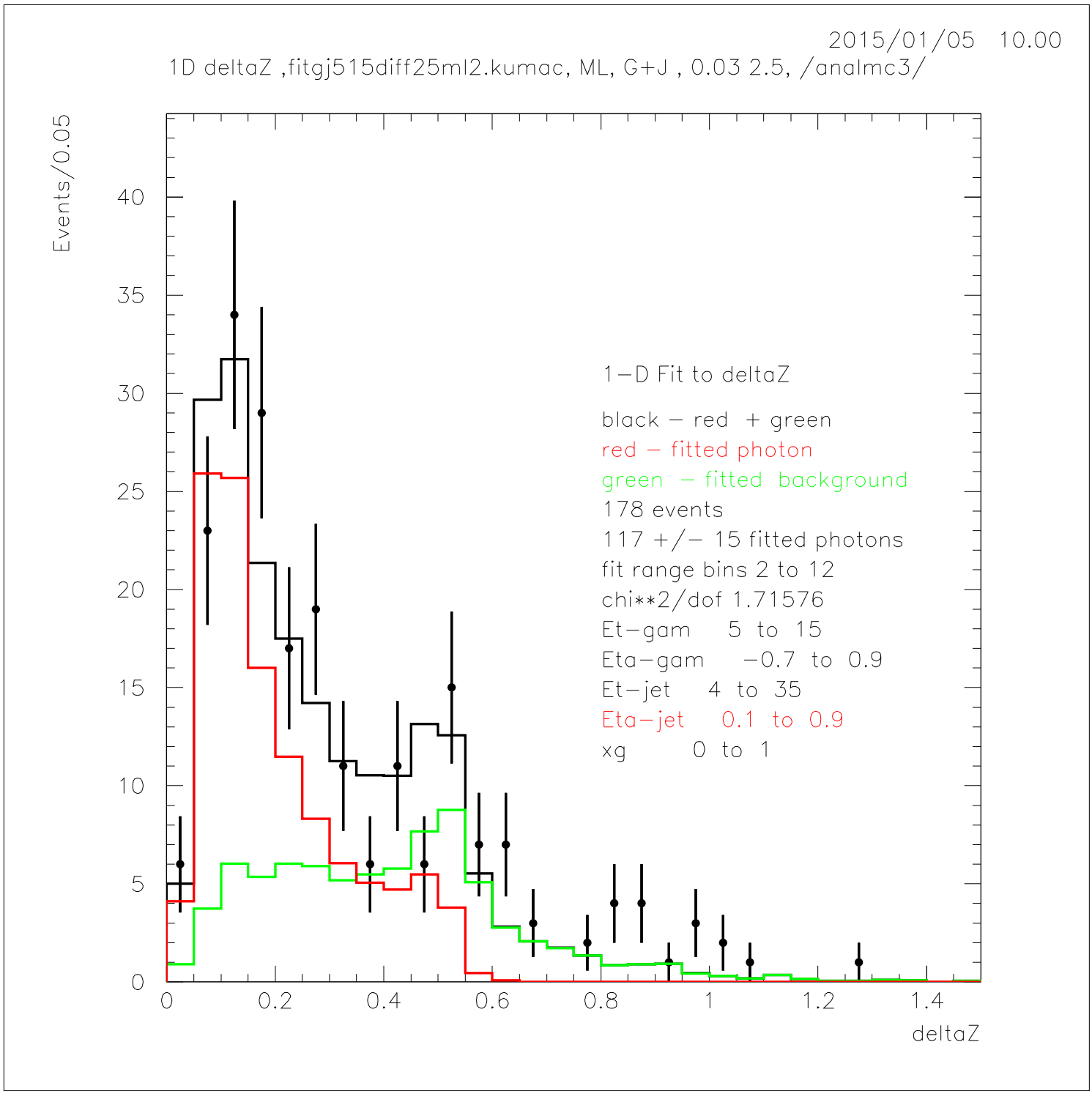

2015/01/05 09.58
1D deltaZ ,fitgj515diff25ml2.kumac, ML, G+J , 0.03 2.5, /analmc3/
Events/0.05
deltaZ
1−D Fit to deltaZ
black − red + green
red − fitted photon
green − fitted background
151 events
111 +/− 13 fitted photons
fit range bins 2 to 12
chi**2/dof 0.591299
Et−gam 5 to 15
Eta−gam −0.3 to 0.1
Et−jet 4 to 35
Eta−jet −1.5 to 1.8
xg 0 to 1

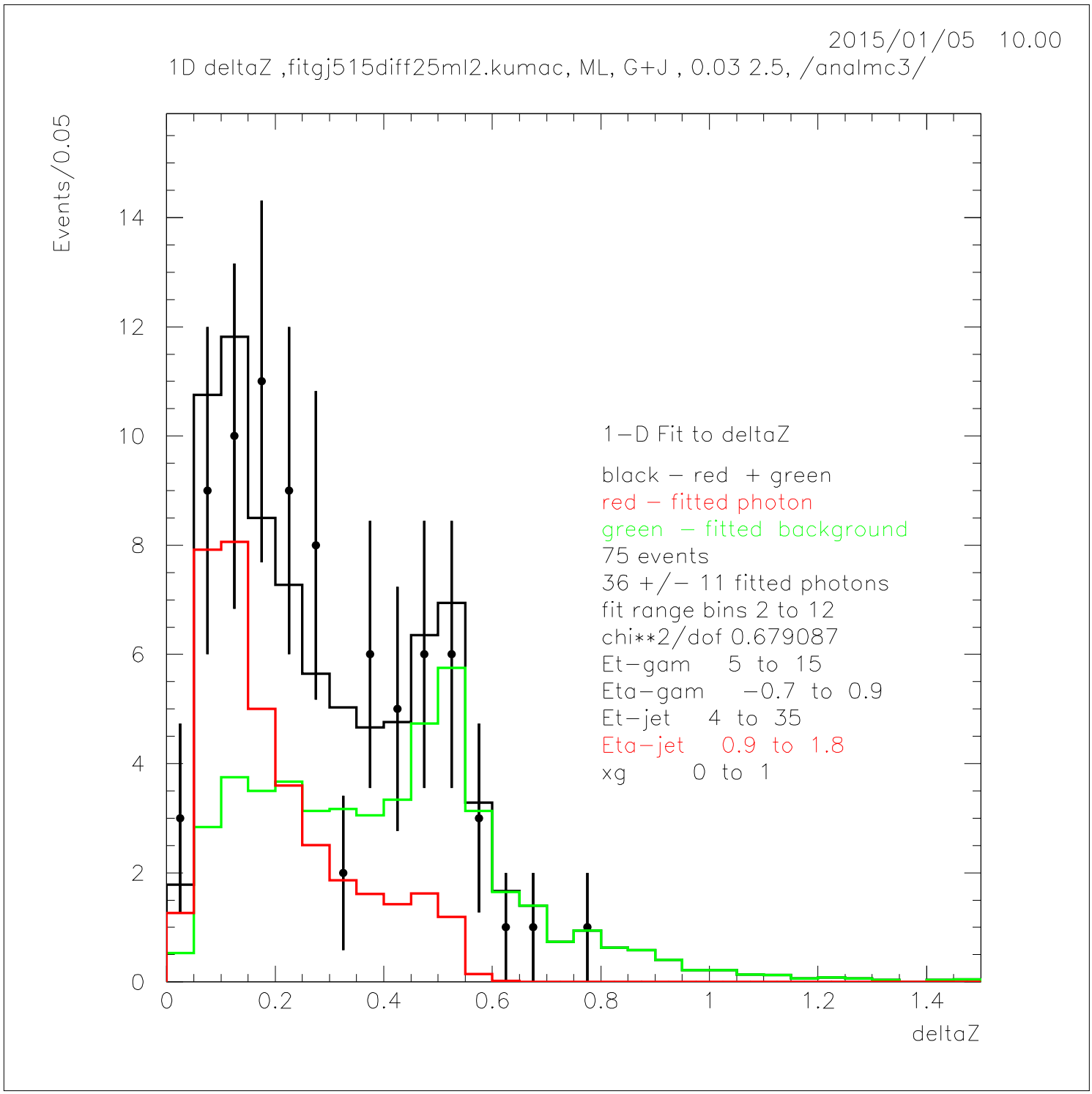

2015/01/05 09.58
1D deltaZ ,fitgj515diff25ml2.kumac, ML, G+J , 0.03 2.5, /analmc3/
Events/0.05
30
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
deltaZ
1−D Fit to deltaZ
black − red + green
red − fitted photon
green − fitted background
118 events
68 +/− 12 fitted photons
fit range bins 2 to 12
chi**2/dof 1.03398
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

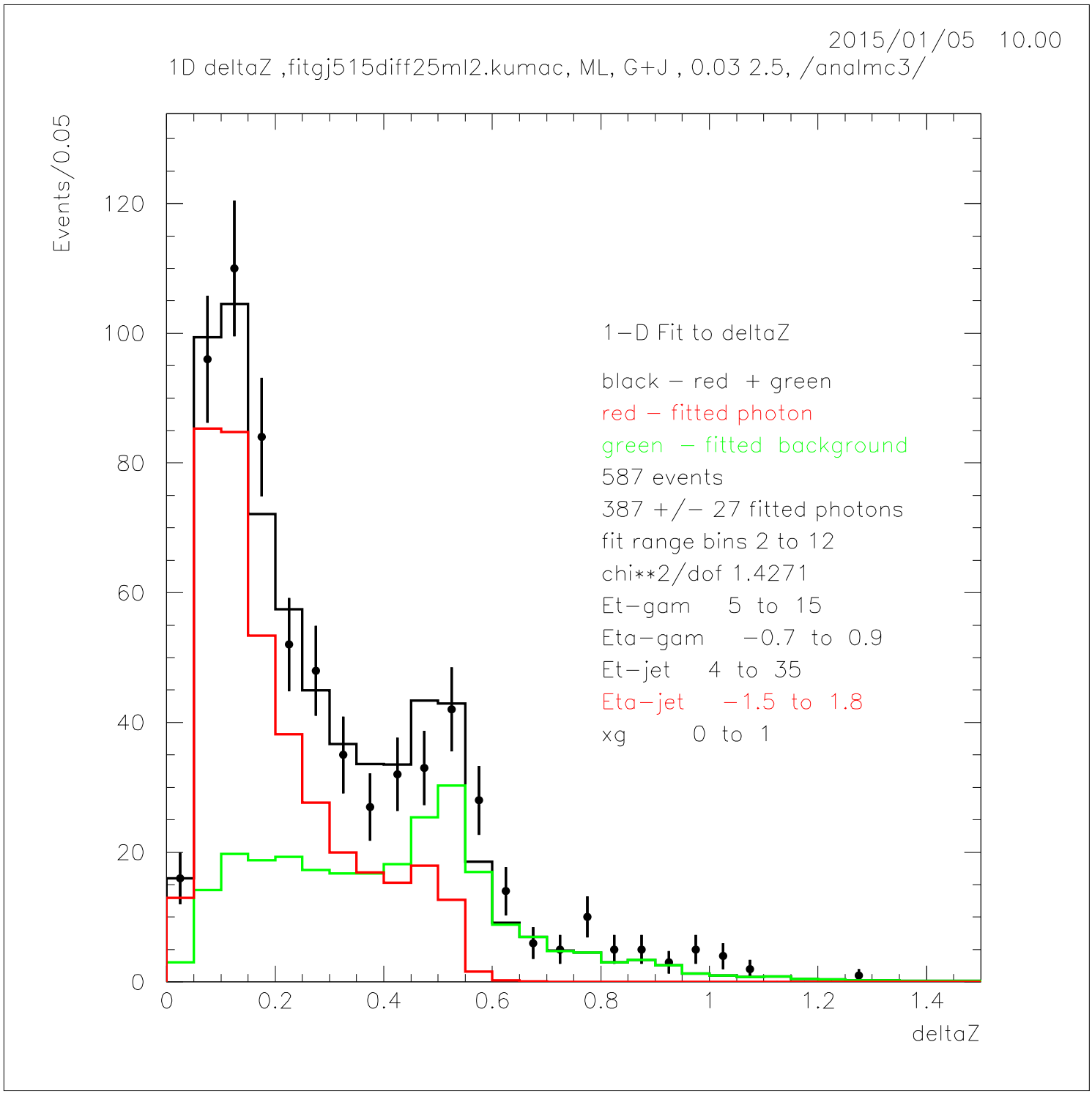

2015/01/05 09.59
1D deltaZ ,fitgj515diff25ml2.kumac, ML, G+J , 0.03 2.5, /analmc3/
Events/0.05
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
deltaZ
1−D Fit to deltaZ
black − red + green
red − fitted photon
green − fitted background
79 events
59 +/− 11 fitted photons
fit range bins 2 to 12
chi**2/dof 1.47212
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


2015/01/05 09.59
1D deltaZ ,fitgj515diff25ml2.kumac, ML, G+J , 0.03 2.5, /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
124 events
89 +/− 11 fitted photons
fit range bins 2 to 12
chi**2/dof 1.93486
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


2015/01/05 09.59
1D deltaZ ,fitgj515diff25ml2.kumac, ML, G+J , 0.03 2.5, /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
210 events
142 +/− 15 fitted photons
fit range bins 2 to 12
chi**2/dof 1.21669
Et−gam 5 to 15
Eta−gam −0.7 to 0.9
Et−jet 4 to 35
Eta−jet −0.7 to 0.1
xg 0 to 1


2015/01/05 10.00
1D deltaZ ,fitgj515diff25ml2.kumac, ML, G+J , 0.03 2.5, /analmc3/
Events/0.05
deltaZ
1−D Fit to deltaZ
black − red + green
red − fitted photon
green − fitted background
178 events
117 +/− 15 fitted photons
fit range bins 2 to 12
chi**2/dof 1.71576
Et−gam 5 to 15
Eta−gam −0.7 to 0.9
Et−jet 4 to 35
Eta−jet 0.1 to 0.9
xg 0 to 1


2015/01/05 10.00
1D deltaZ ,fitgj515diff25ml2.kumac, ML, G+J , 0.03 2.5, /analmc3/
Events/0.05
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
75 events
36 +/− 11 fitted photons
fit range bins 2 to 12
chi**2/dof 0.679087
Et−gam 5 to 15
Eta−gam −0.7 to 0.9
Et−jet 4 to 35
Eta−jet 0.9 to 1.8
xg 0 to 1


2015/01/05 10.00
1D deltaZ ,fitgj515diff25ml2.kumac, ML, G+J , 0.03 2.5, /analmc3/
Events/0.05
120
100
80
60
40
20
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
587 events
387 +/− 27 fitted photons
fit range bins 2 to 12
chi**2/dof 1.4271
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 1