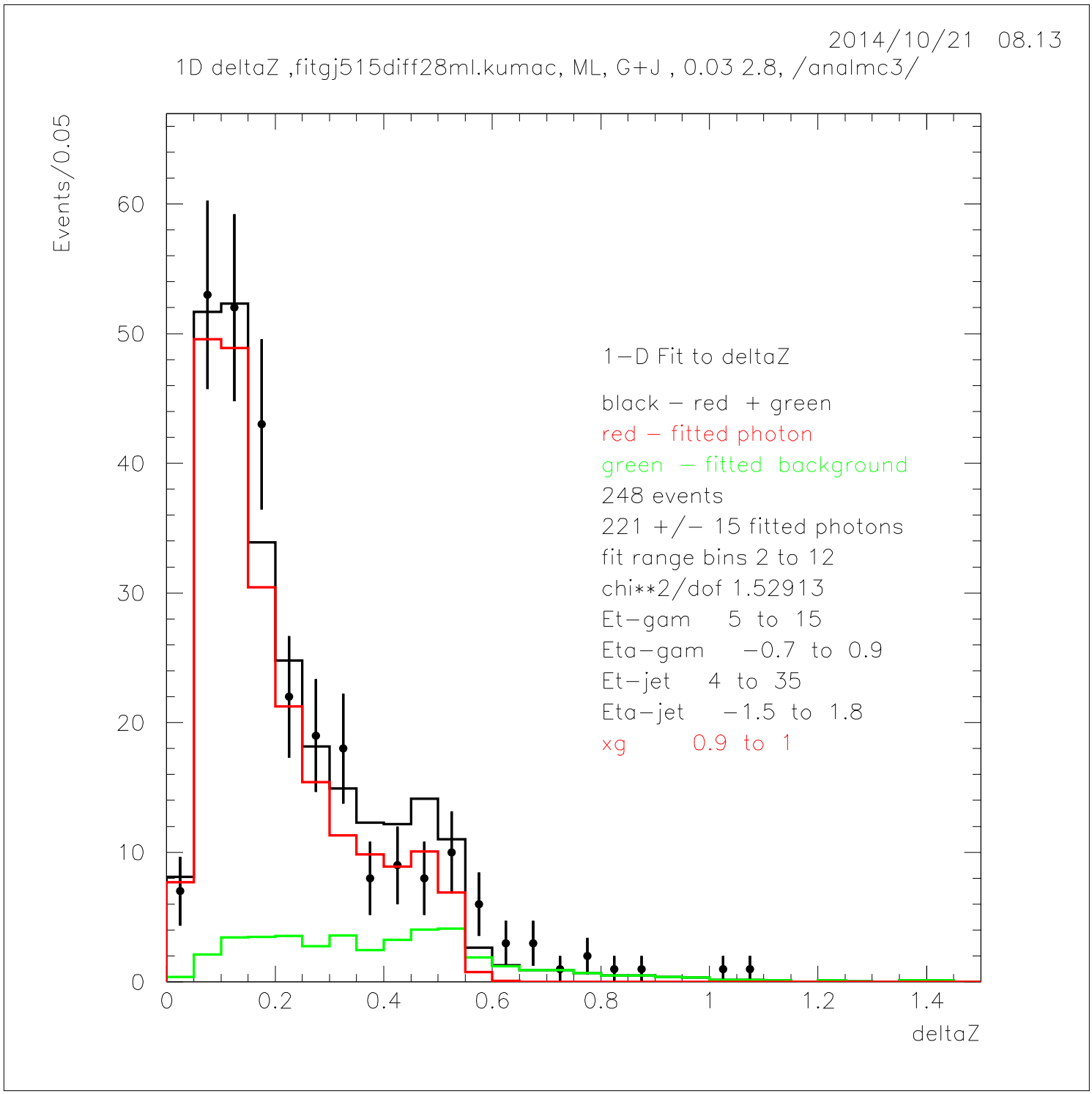
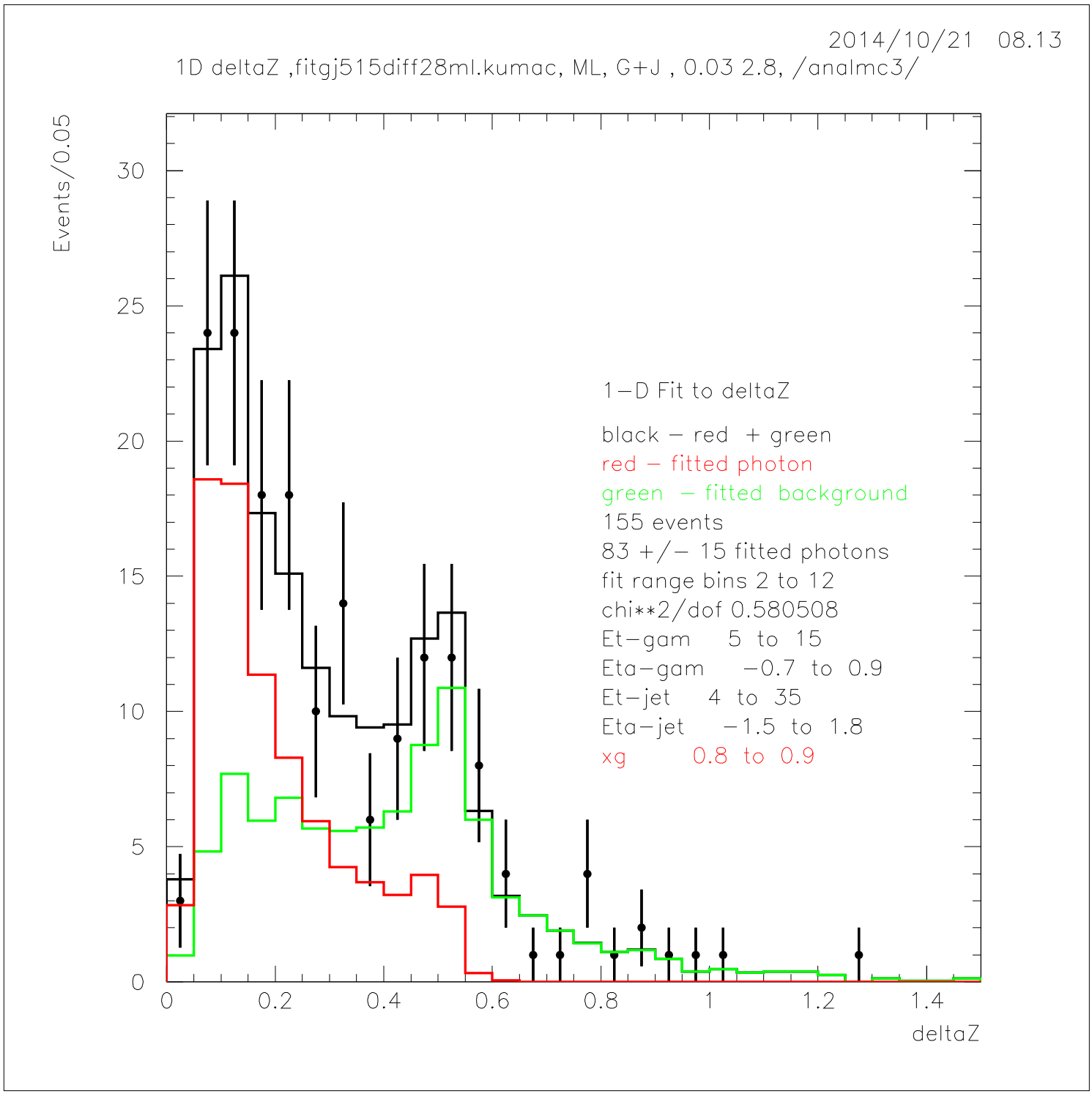
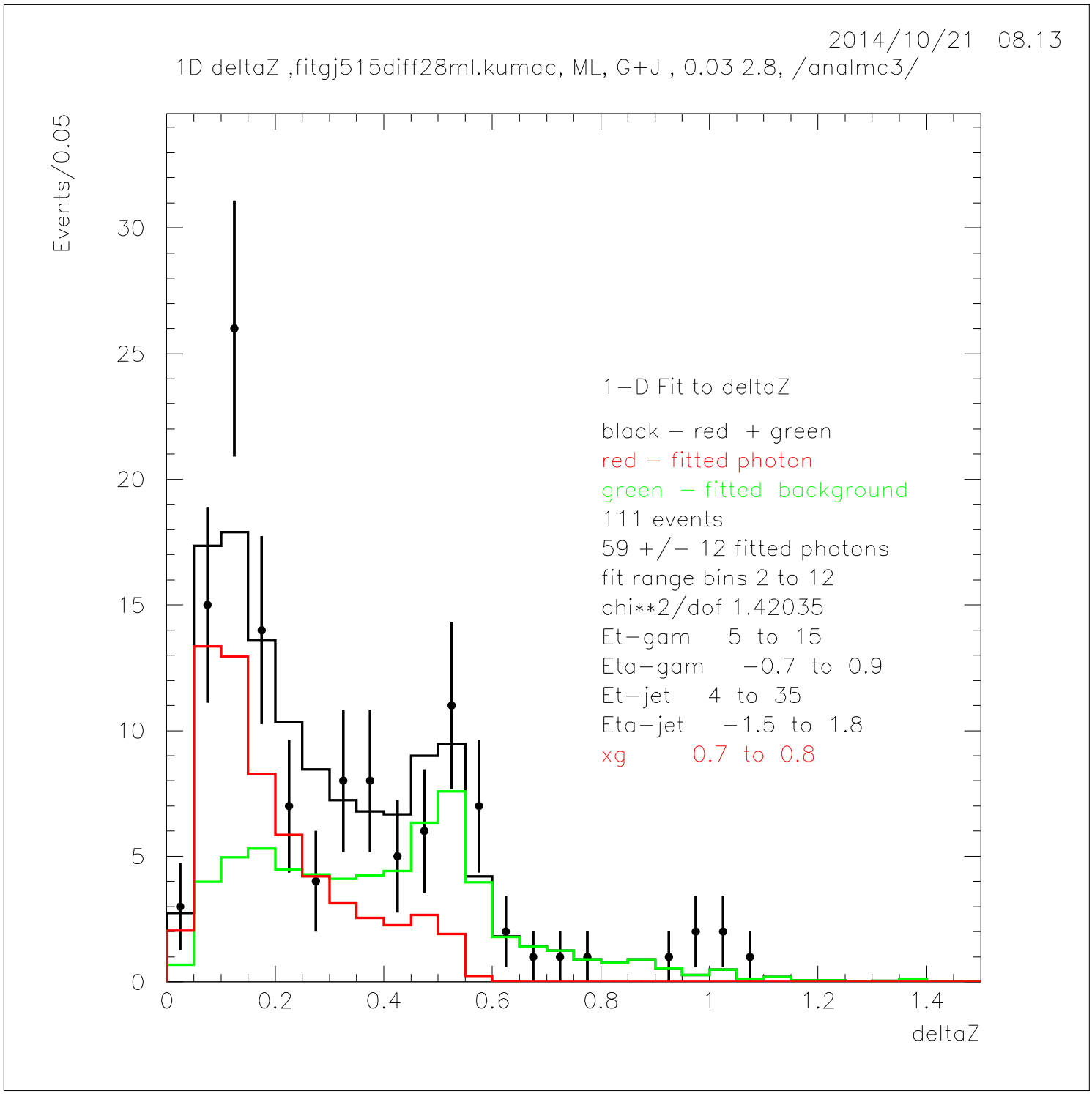
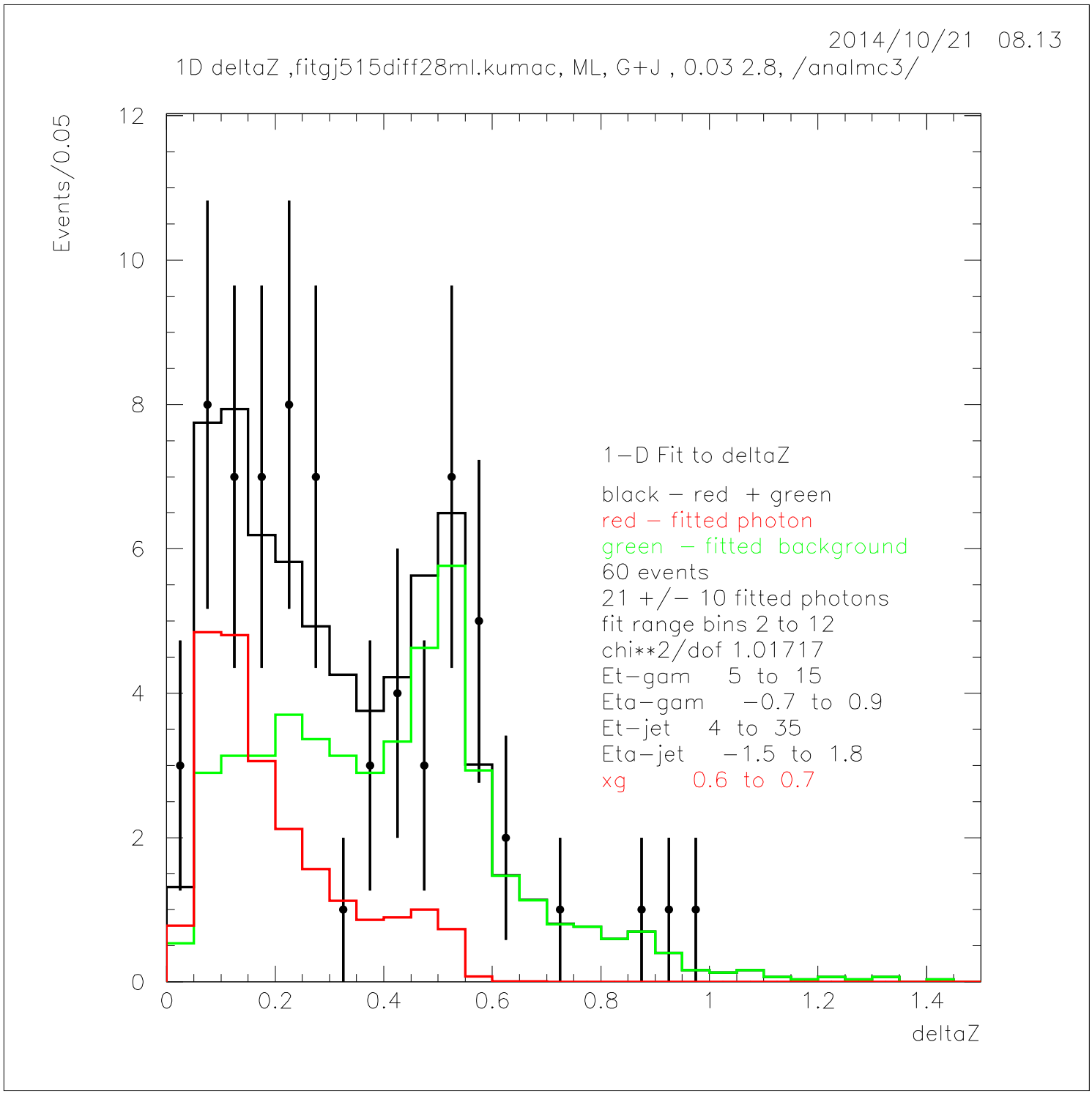
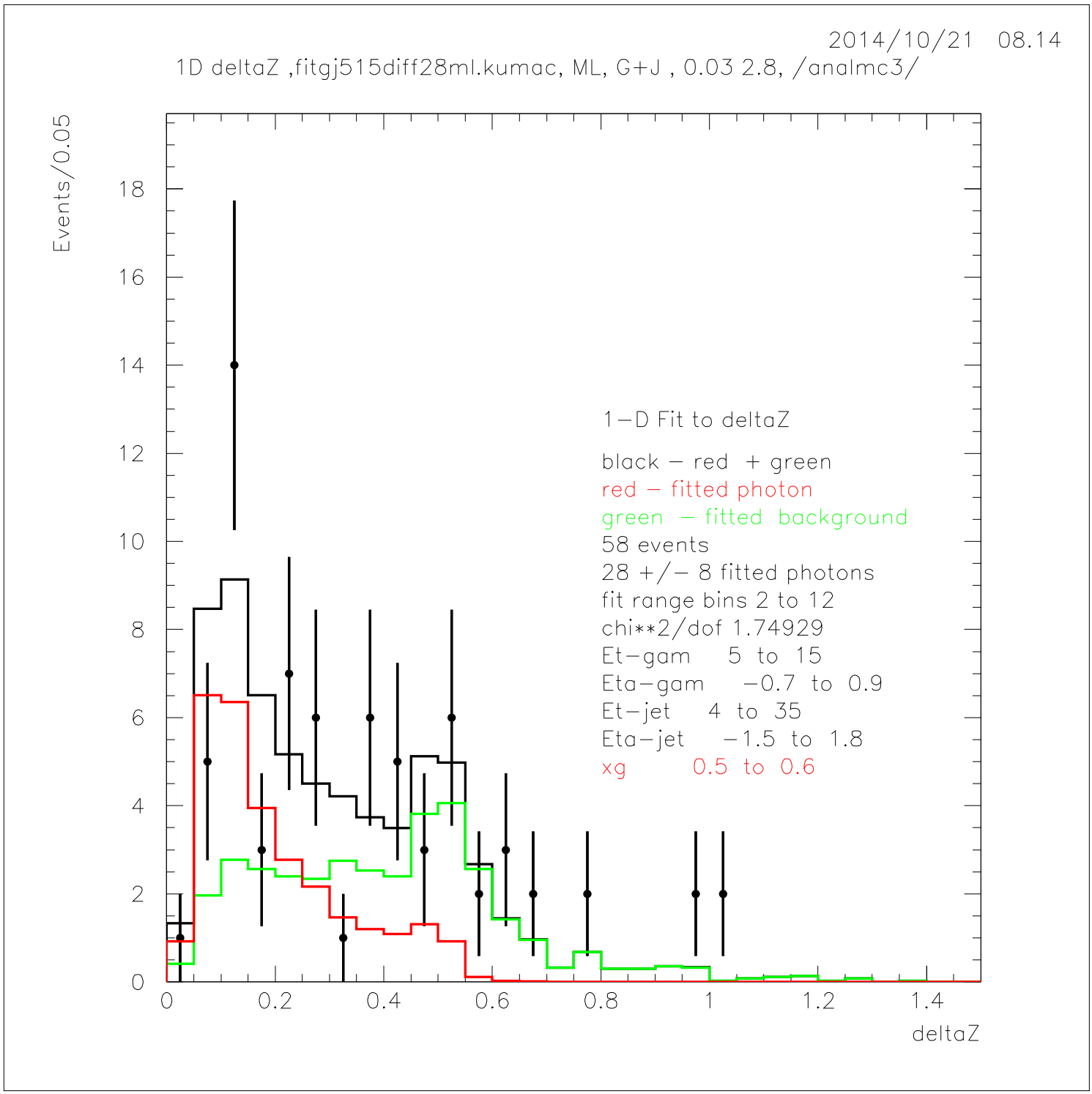
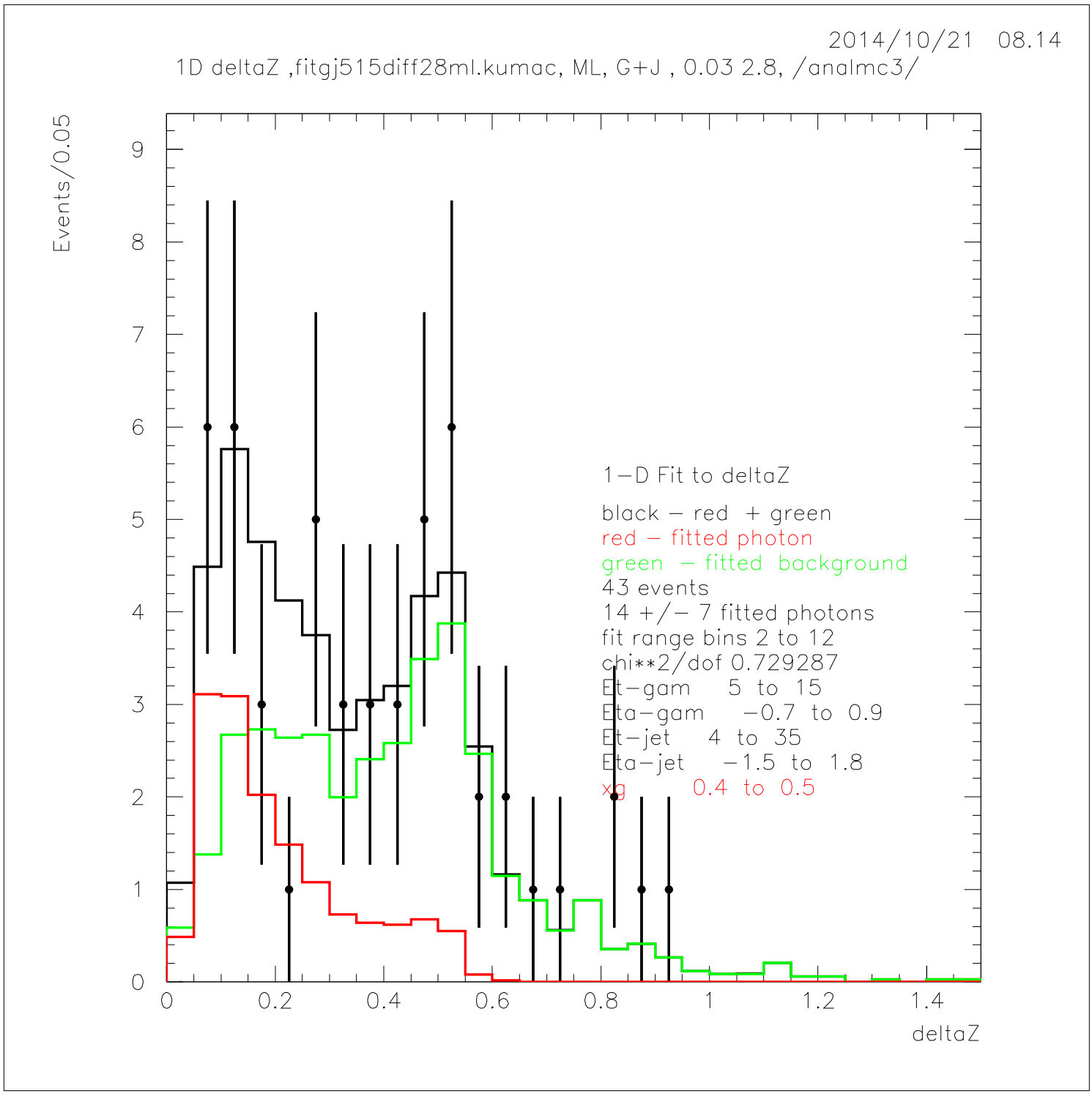

2014/10/21 08.13
1D deltaZ ,fitgj515diff28ml.kumac, ML, G+J , 0.03 2.8, /analmc3/
Events/0.05
60
50
40
30
20
10
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
deltaZ
1−D Fit to deltaZ
black − red + green
red − fitted photon
green − fitted background
248 events
221 +/− 15 fitted photons
fit range bins 2 to 12
chi**2/dof 1.52913
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

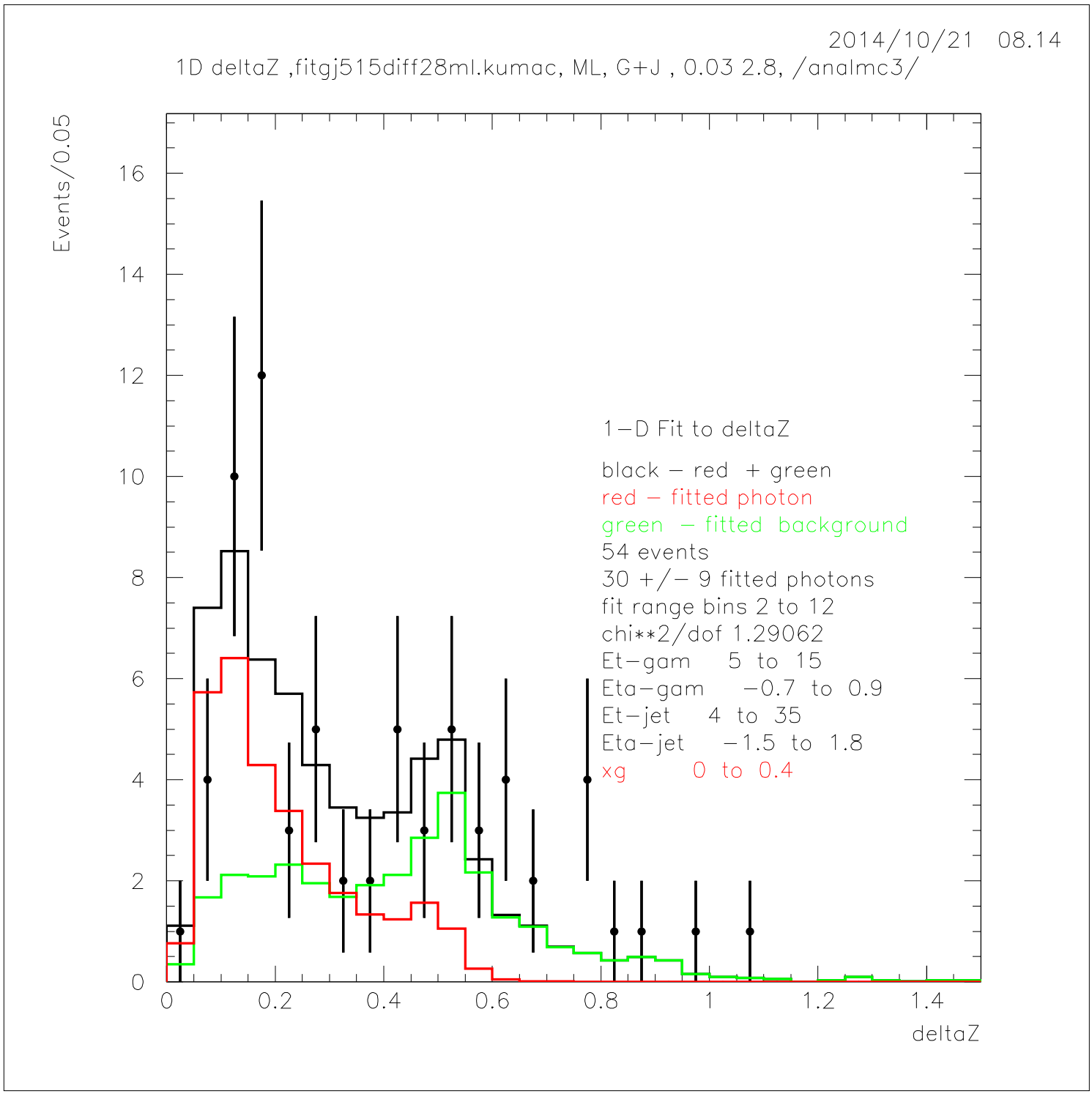

2014/10/21 08.13
1D deltaZ ,fitgj515diff28ml.kumac, ML, G+J , 0.03 2.8, /analmc3/
Events/0.05
30
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
deltaZ
1−D Fit to deltaZ
black − red + green
red − fitted photon
green − fitted background
155 events
83 +/− 15 fitted photons
fit range bins 2 to 12
chi**2/dof 0.580508
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

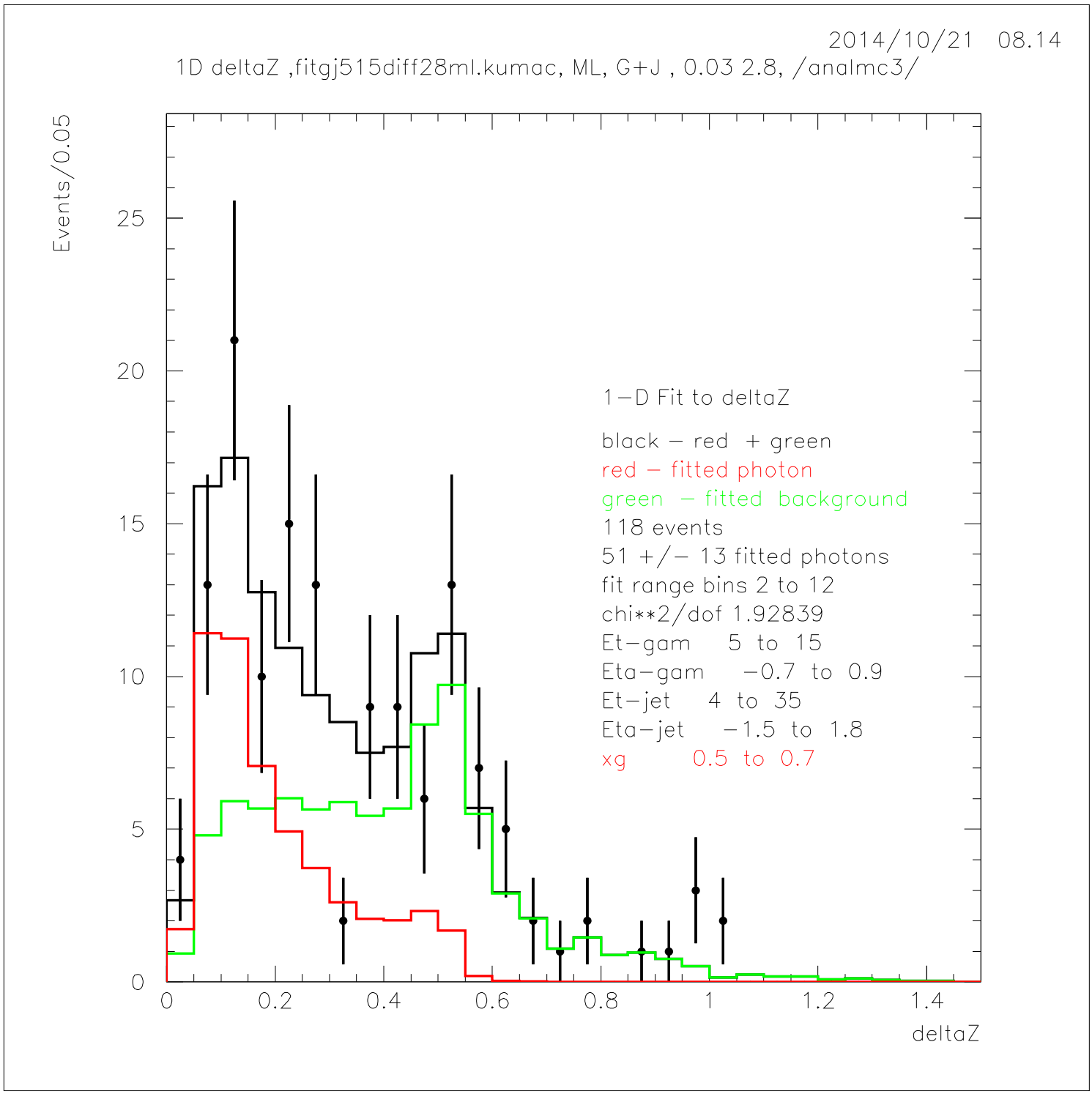

2014/10/21 08.13
1D deltaZ ,fitgj515diff28ml.kumac, ML, G+J , 0.03 2.8, /analmc3/
Events/0.05
30
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
deltaZ
1−D Fit to deltaZ
black − red + green
red − fitted photon
green − fitted background
111 events
59 +/− 12 fitted photons
fit range bins 2 to 12
chi**2/dof 1.42035
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

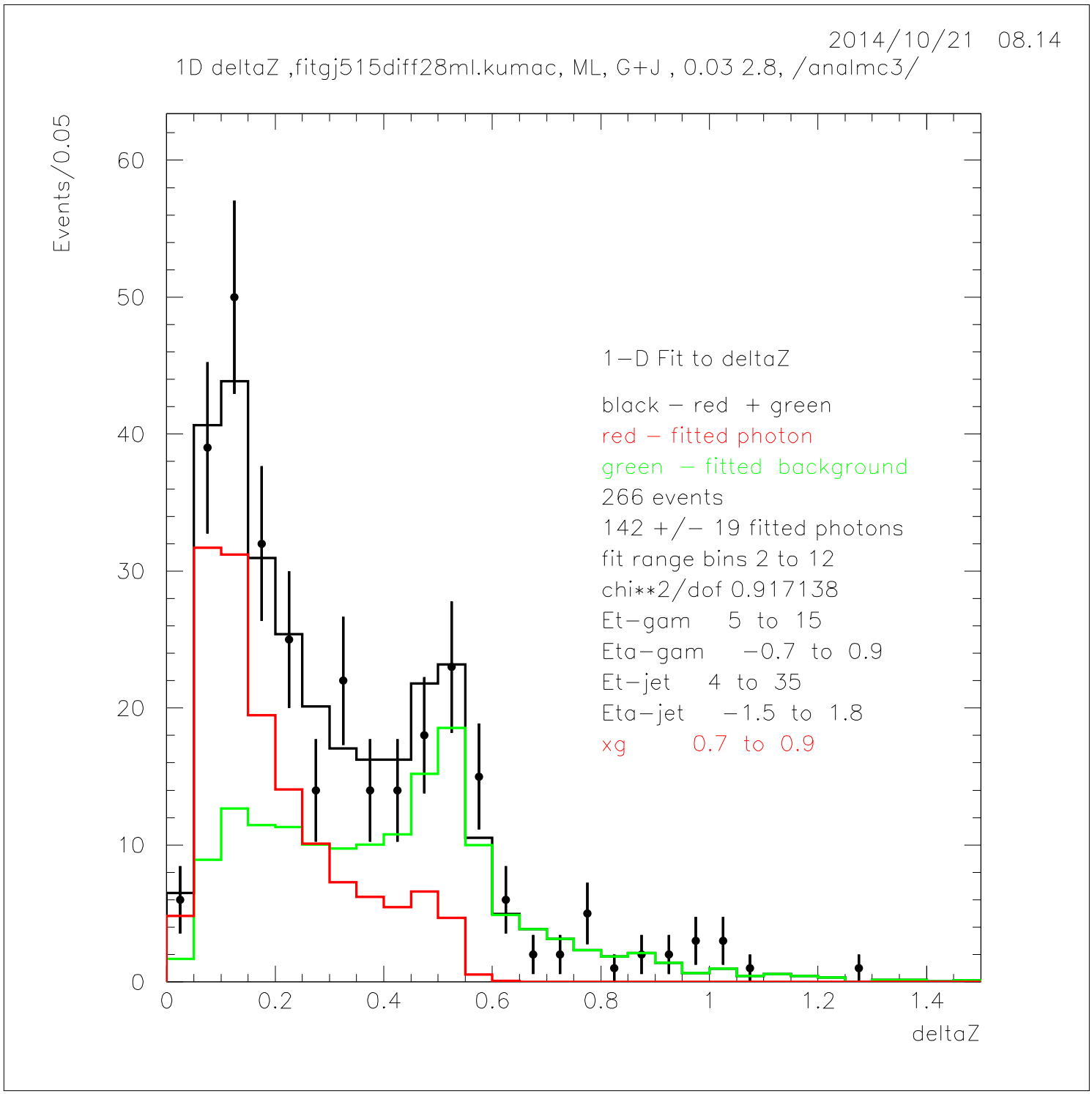

2014/10/21 08.13
1D deltaZ ,fitgj515diff28ml.kumac, ML, G+J , 0.03 2.8, /analmc3/
Events/0.05
deltaZ
1−D Fit to deltaZ
black − red + green
red − fitted photon
green − fitted background
60 events
21 +/− 10 fitted photons
fit range bins 2 to 12
chi**2/dof 1.01717
Et−gam 5 to 15
Eta−gam −0.7 to 0.9
Et−jet 4 to 35
Eta−jet −1.5 to 1.8
xg 0.6 to 0.7

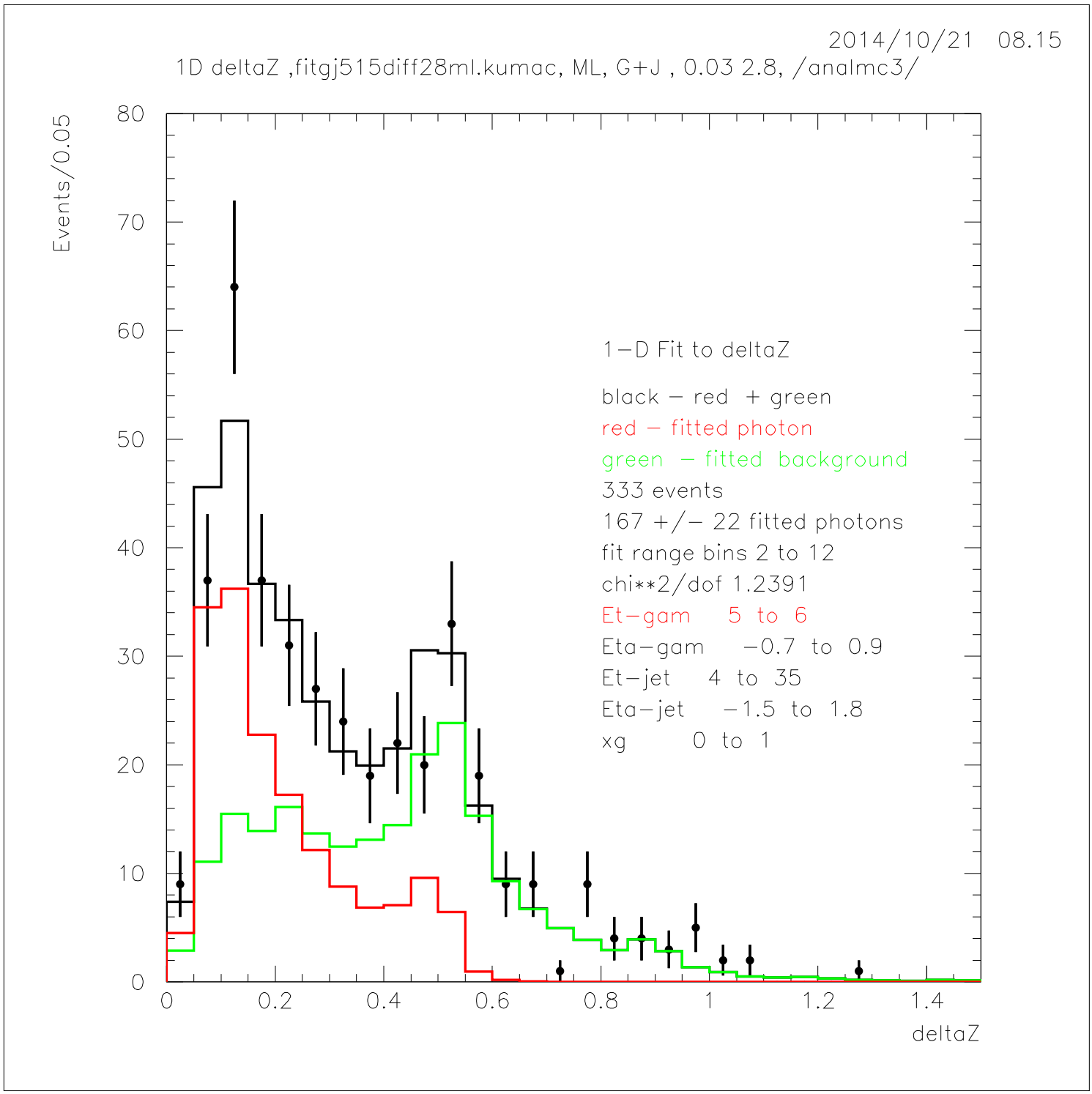

2014/10/21 08.14
1D deltaZ ,fitgj515diff28ml.kumac, ML, G+J , 0.03 2.8, /analmc3/
Events/0.05
deltaZ
1−D Fit to deltaZ
black − red + green
red − fitted photon
green − fitted background
58 events
28 +/− 8 fitted photons
fit range bins 2 to 12
chi**2/dof 1.74929
Et−gam 5 to 15
Eta−gam −0.7 to 0.9
Et−jet 4 to 35
Eta−jet −1.5 to 1.8
xg 0.5 to 0.6

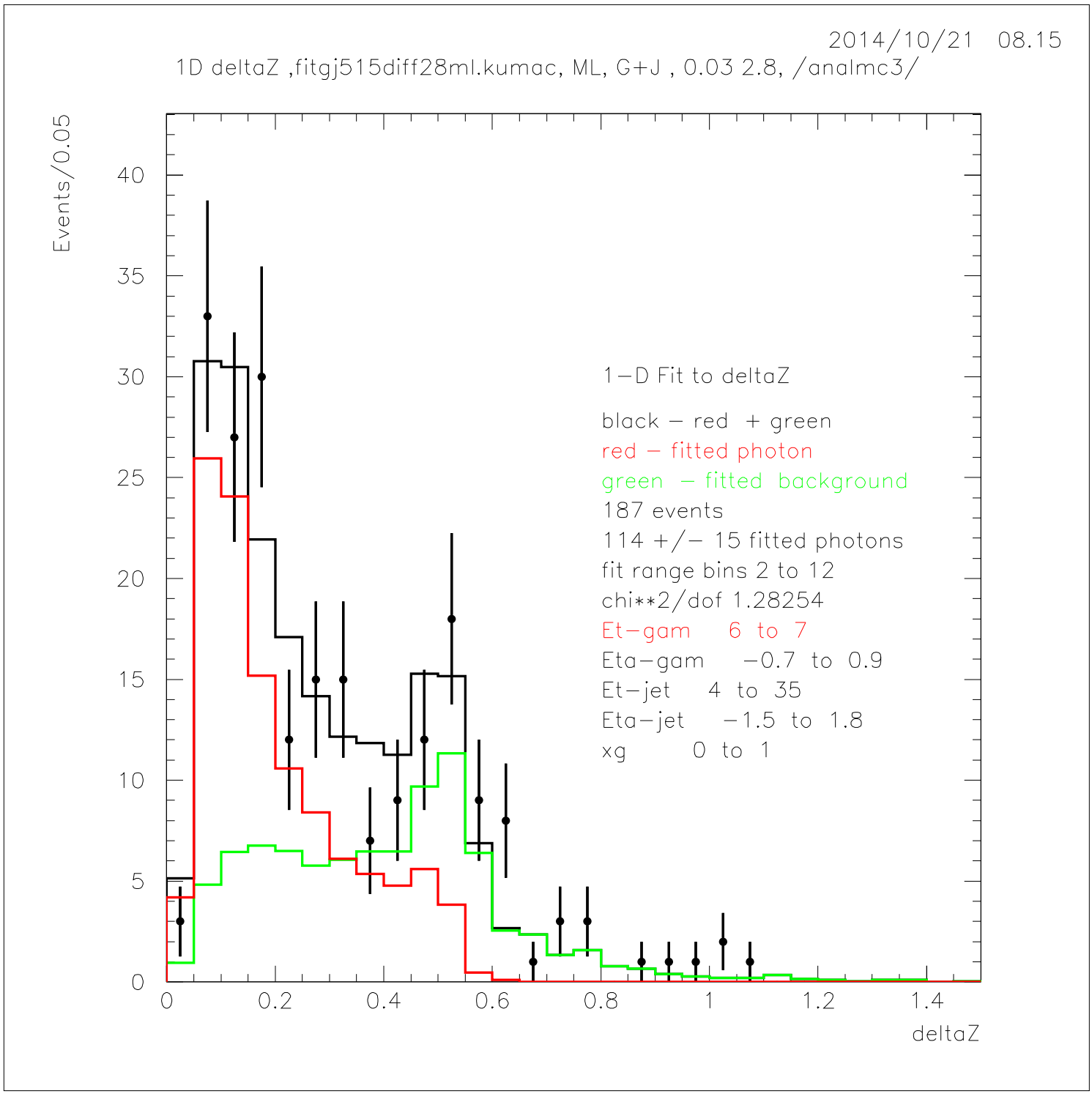

2014/10/21 08.14
1D deltaZ ,fitgj515diff28ml.kumac, ML, G+J , 0.03 2.8, /analmc3/
Events/0.05
deltaZ
1−D Fit to deltaZ
black − red + green
red − fitted photon
green − fitted background
43 events
14 +/− 7 fitted photons
fit range bins 2 to 12
chi**2/dof 0.729287
Et−gam 5 to 15
Eta−gam −0.7 to 0.9
Et−jet 4 to 35
Eta−jet −1.5 to 1.8
xg 0.4 to 0.5

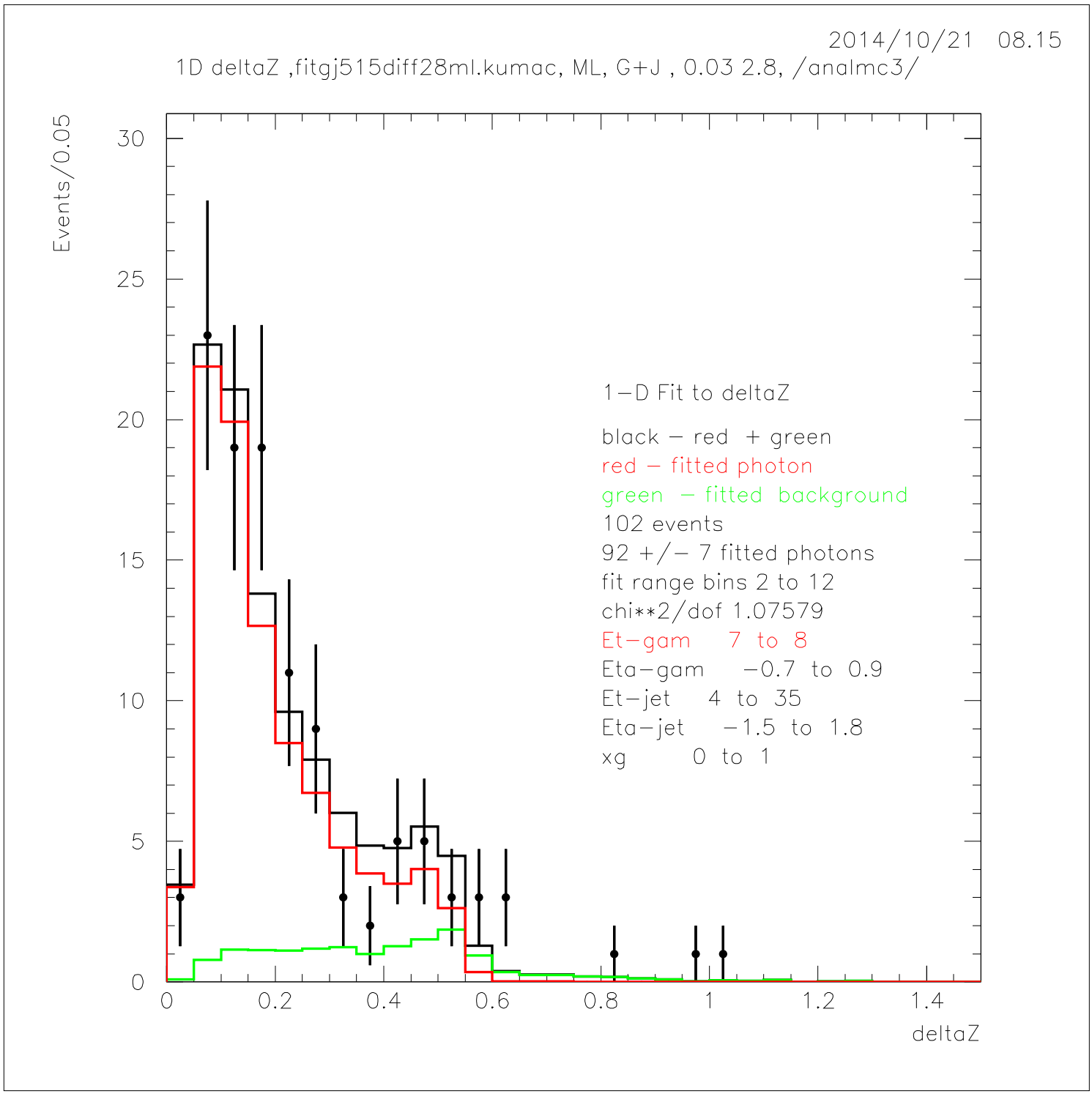

2014/10/21 08.14
1D deltaZ ,fitgj515diff28ml.kumac, ML, G+J , 0.03 2.8, /analmc3/
Events/0.05
deltaZ
1−D Fit to deltaZ
black − red + green
red − fitted photon
green − fitted background
54 events
30 +/− 9 fitted photons
fit range bins 2 to 12
chi**2/dof 1.29062
Et−gam 5 to 15
Eta−gam −0.7 to 0.9
Et−jet 4 to 35
Eta−jet −1.5 to 1.8
xg 0 to 0.4


2014/10/21 08.14
1D deltaZ ,fitgj515diff28ml.kumac, ML, 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
51 +/− 13 fitted photons
fit range bins 2 to 12
chi**2/dof 1.92839
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


2014/10/21 08.14
1D deltaZ ,fitgj515diff28ml.kumac, ML, 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
142 +/− 19 fitted photons
fit range bins 2 to 12
chi**2/dof 0.917138
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

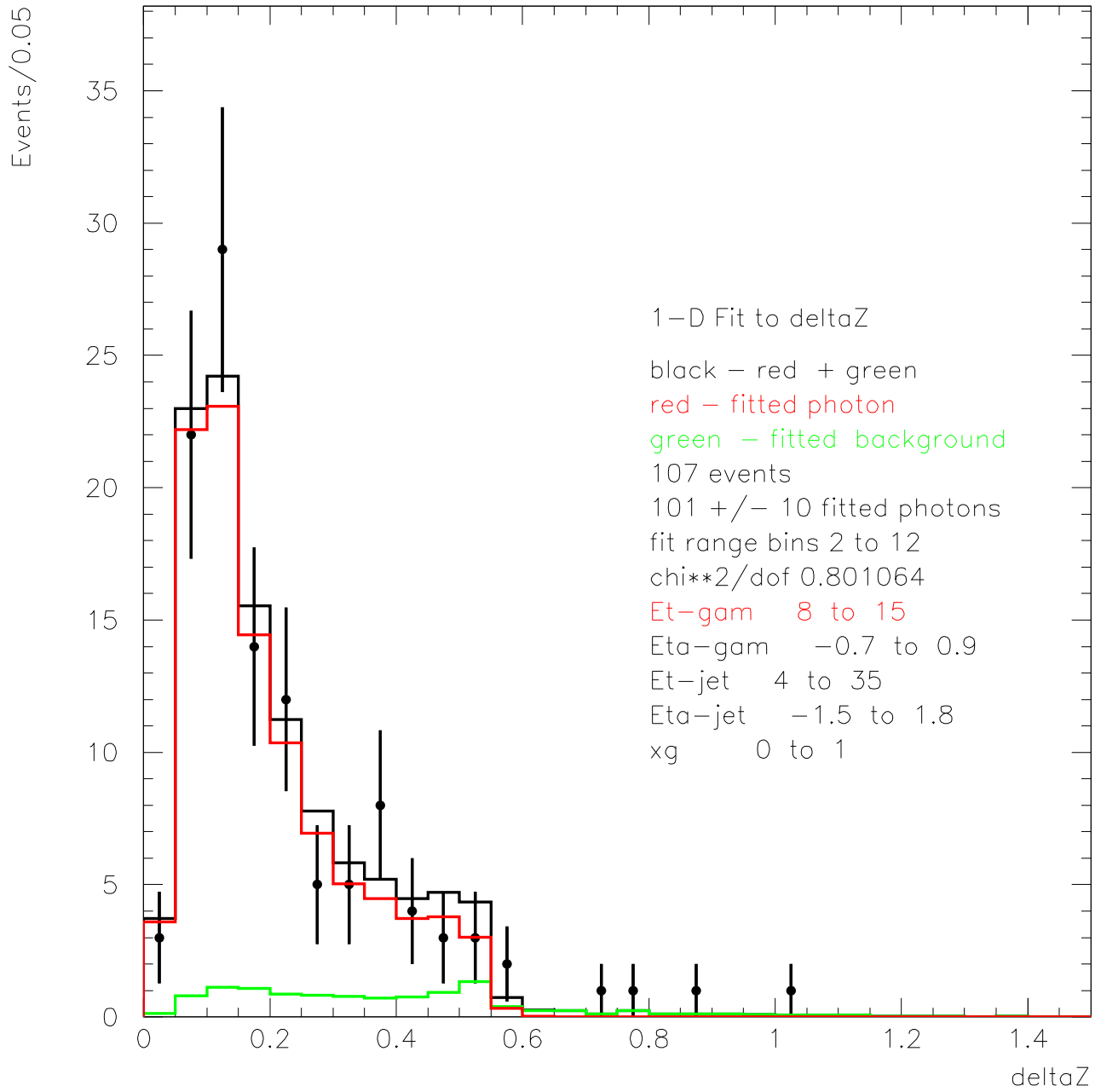

2014/10/21 08.15
1D deltaZ ,fitgj515diff28ml.kumac, ML, G+J , 0.03 2.8, /analmc3/
Events/0.05
deltaZ
1−D Fit to deltaZ
black − red + green
red − fitted photon
green − fitted background
333 events
167 +/− 22 fitted photons
fit range bins 2 to 12
chi**2/dof 1.2391
Et−gam 5 to 6
Eta−gam −0.7 to 0.9
Et−jet 4 to 35
Eta−jet −1.5 to 1.8
xg 0 to 1

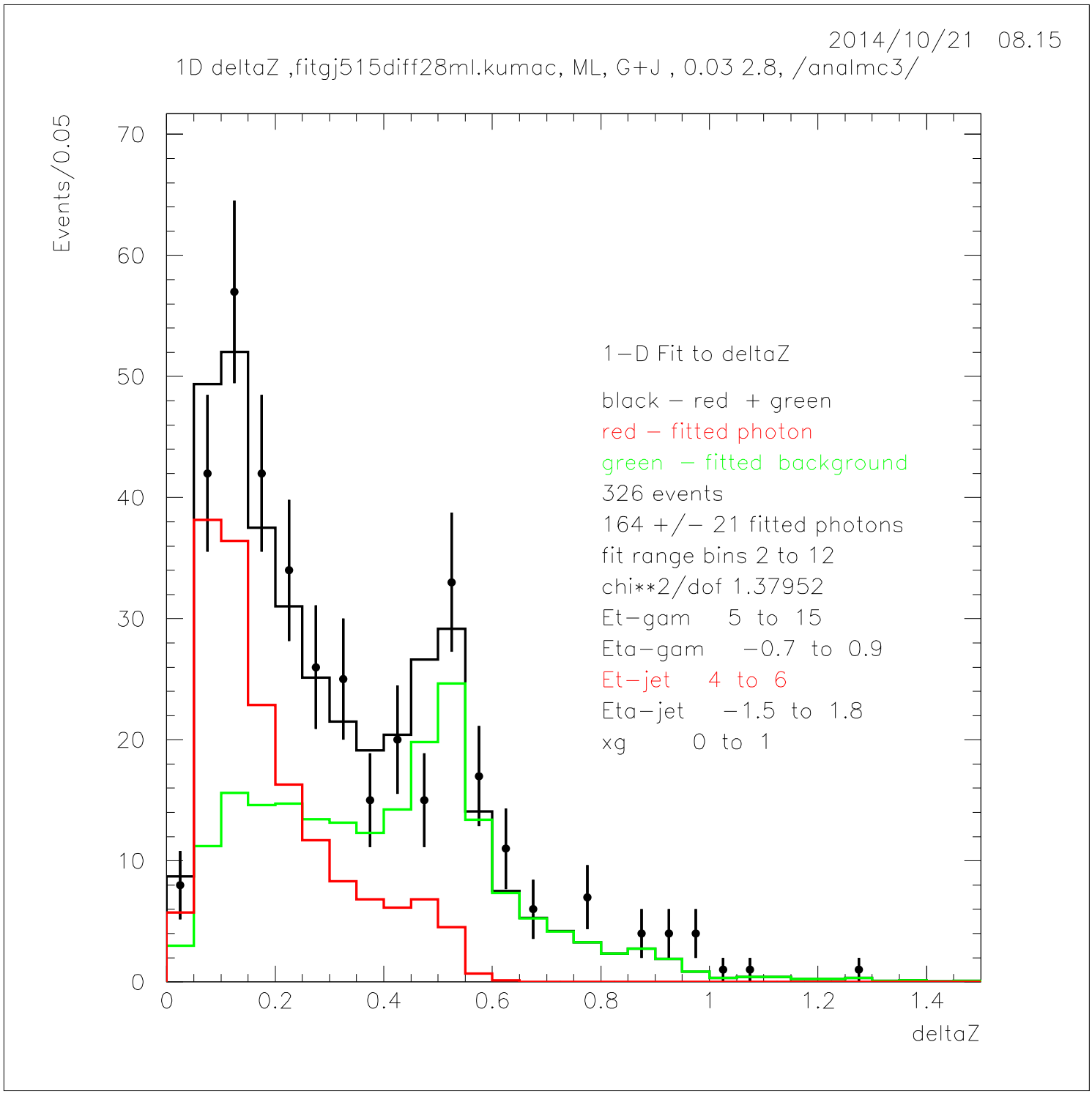

2014/10/21 08.15
1D deltaZ ,fitgj515diff28ml.kumac, ML, G+J , 0.03 2.8, /analmc3/
Events/0.05
deltaZ
1−D Fit to deltaZ
black − red + green
red − fitted photon
green − fitted background
187 events
114 +/− 15 fitted photons
fit range bins 2 to 12
chi**2/dof 1.28254
Et−gam 6 to 7
Eta−gam −0.7 to 0.9
Et−jet 4 to 35
Eta−jet −1.5 to 1.8
xg 0 to 1

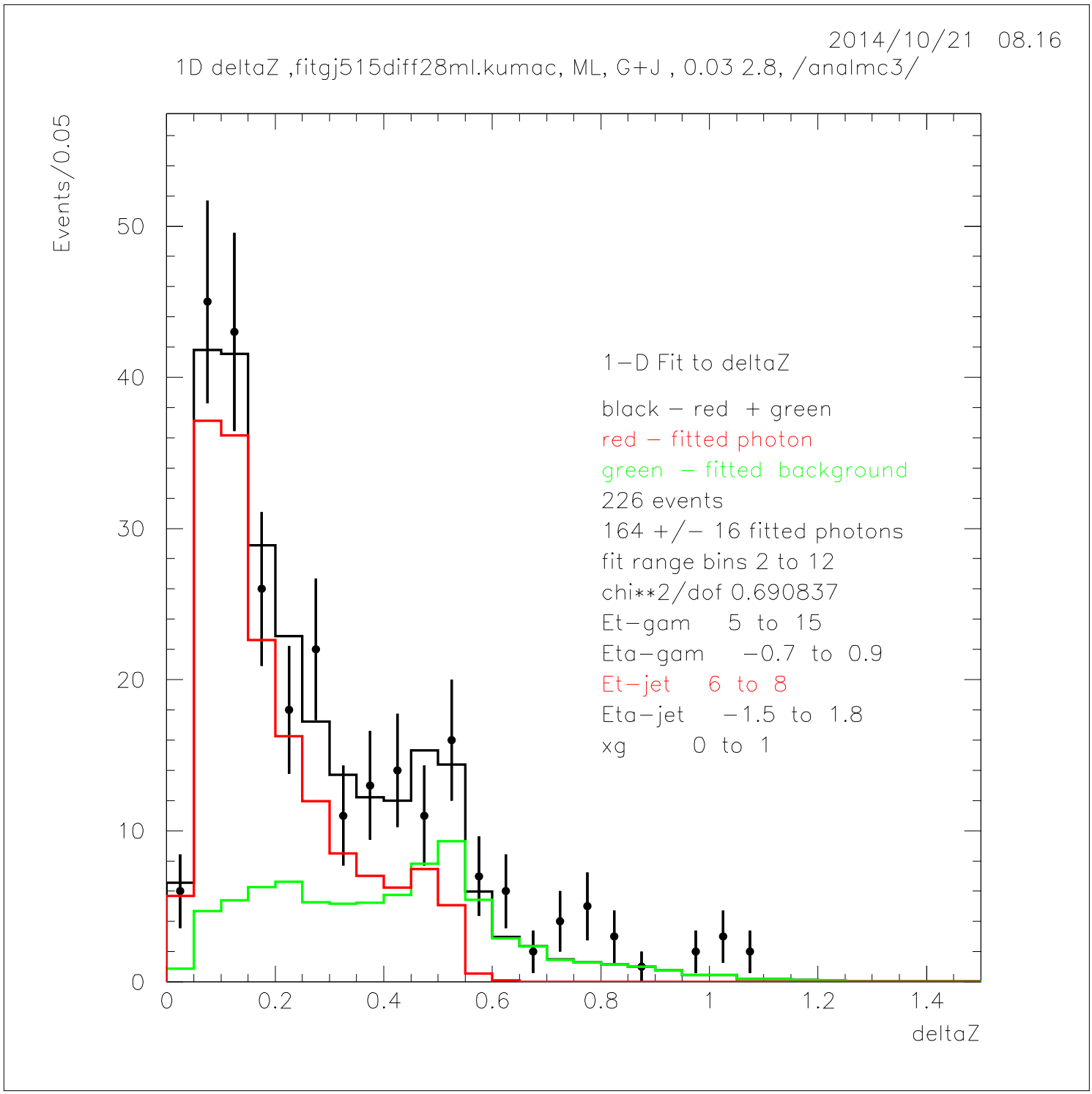

2014/10/21 08.15
1D deltaZ ,fitgj515diff28ml.kumac, ML, G+J , 0.03 2.8, /analmc3/
Events/0.05
30
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
deltaZ
1−D Fit to deltaZ
black − red + green
red − fitted photon
green − fitted background
102 events
92 +/− 7 fitted photons
fit range bins 2 to 12
chi**2/dof 1.07579
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

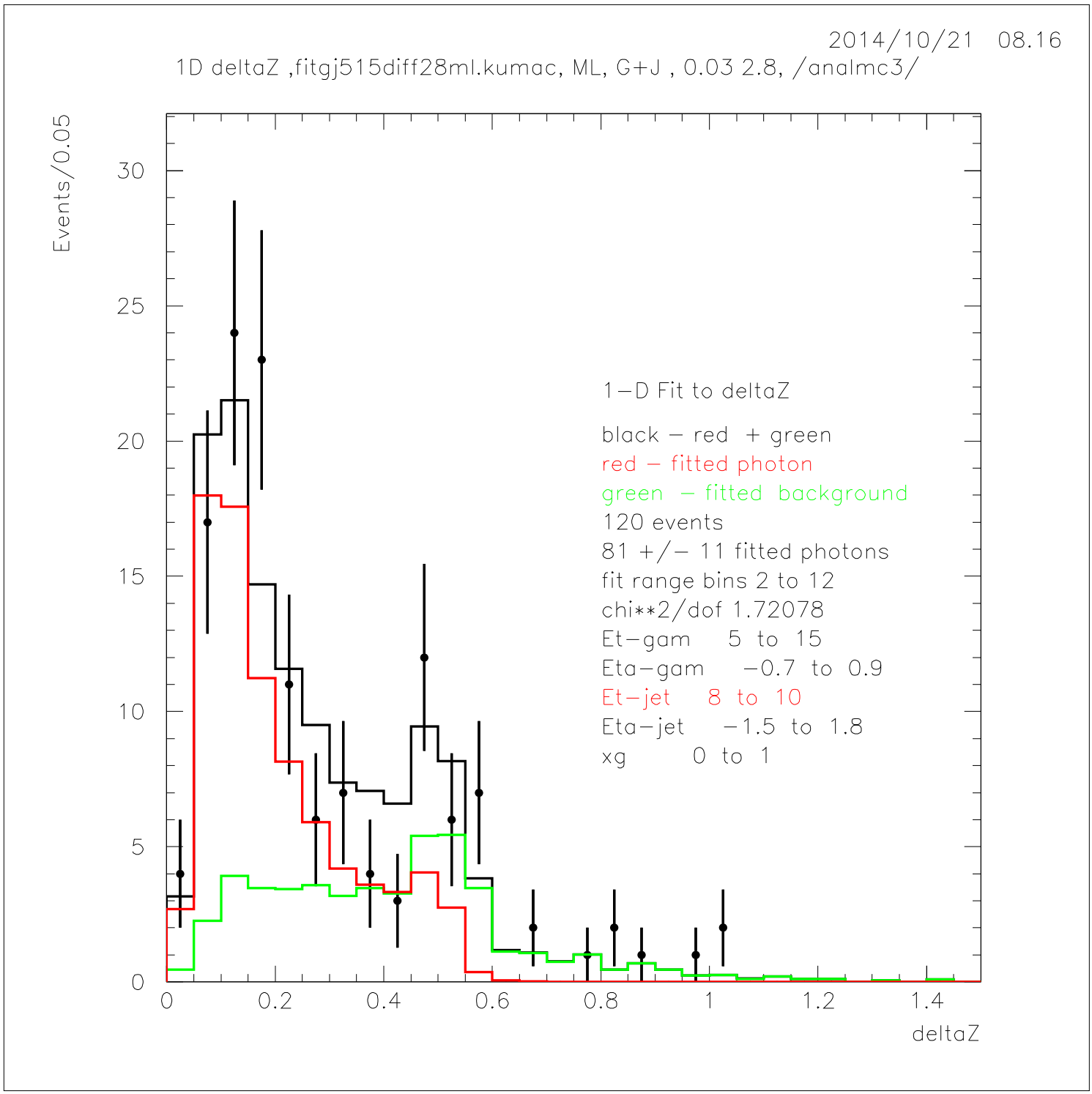
2014/10/21 08.15

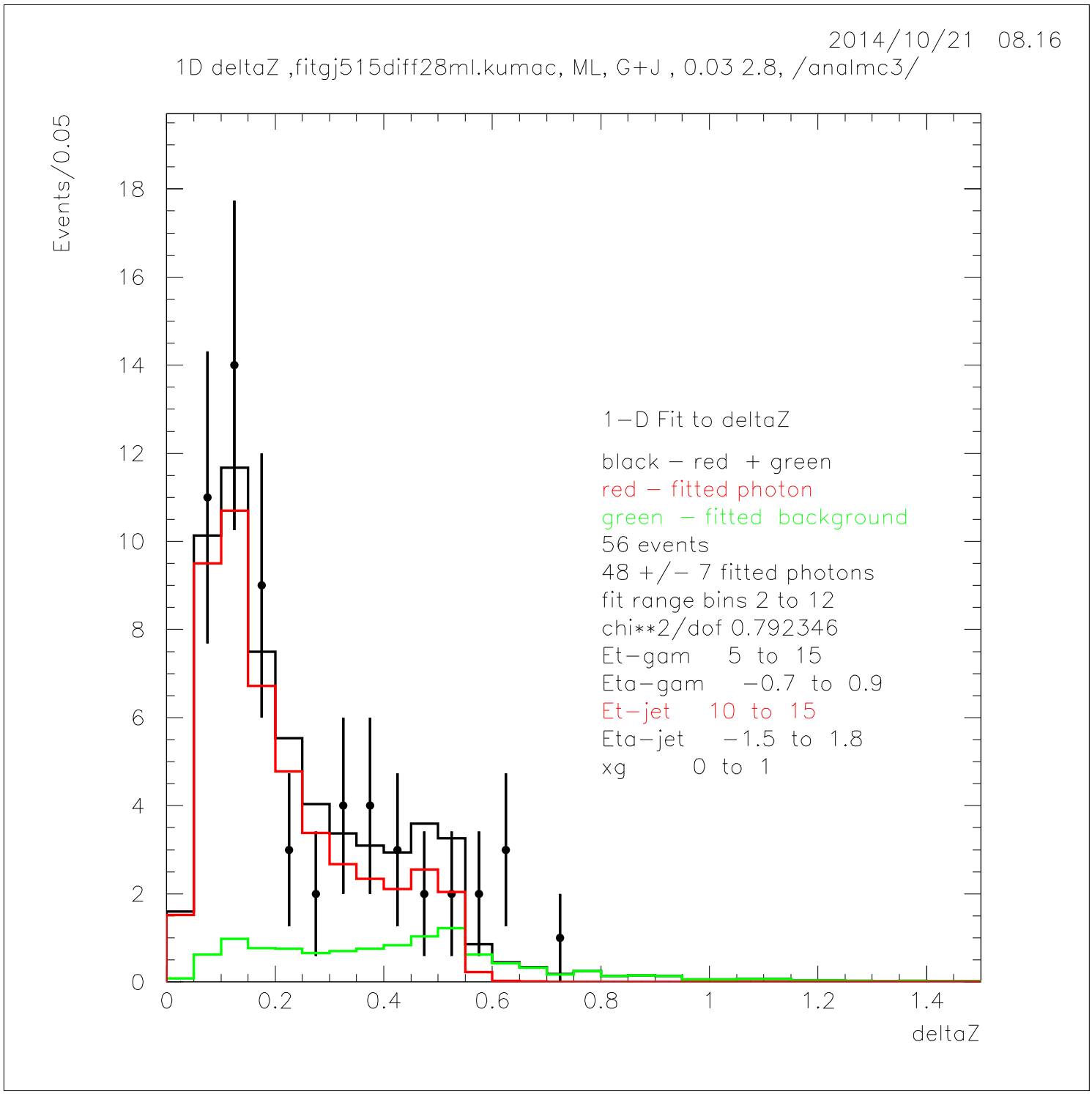
1D deltaZ ,fitgj515diff28ml.kumac, ML, G+J , 0.03 2.8, /analmc3/

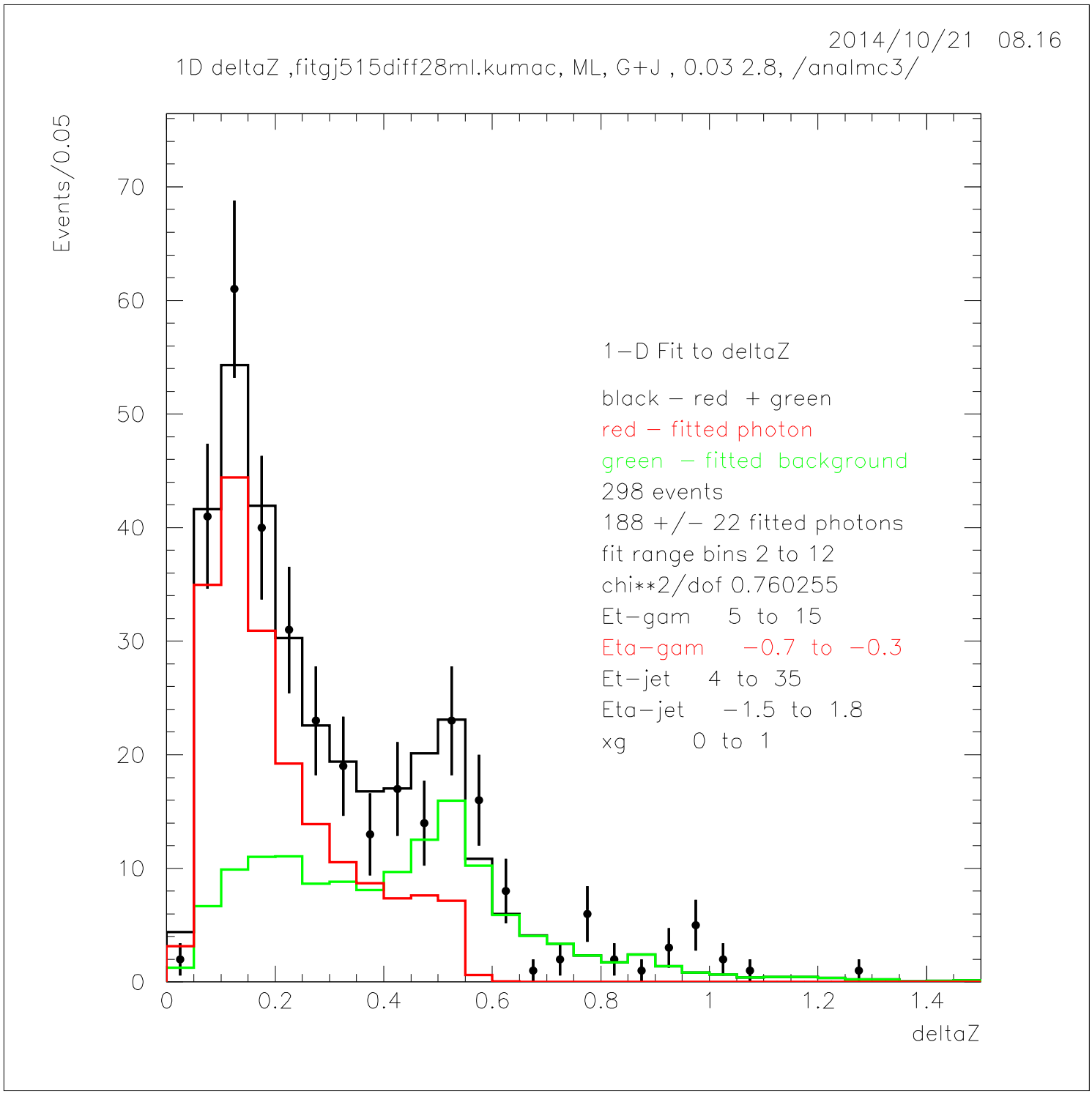



2014/10/21 08.15
1D deltaZ ,fitgj515diff28ml.kumac, ML, G+J , 0.03 2.8, /analmc3/
Events/0.05
deltaZ
1−D Fit to deltaZ
black − red + green
red − fitted photon
green − fitted background
326 events
164 +/− 21 fitted photons
fit range bins 2 to 12
chi**2/dof 1.37952
Et−gam 5 to 15
Eta−gam −0.7 to 0.9
Et−jet 4 to 6
Eta−jet −1.5 to 1.8
xg 0 to 1


2014/10/21 08.16
1D deltaZ ,fitgj515diff28ml.kumac, ML, 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
164 +/− 16 fitted photons
fit range bins 2 to 12
chi**2/dof 0.690837
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

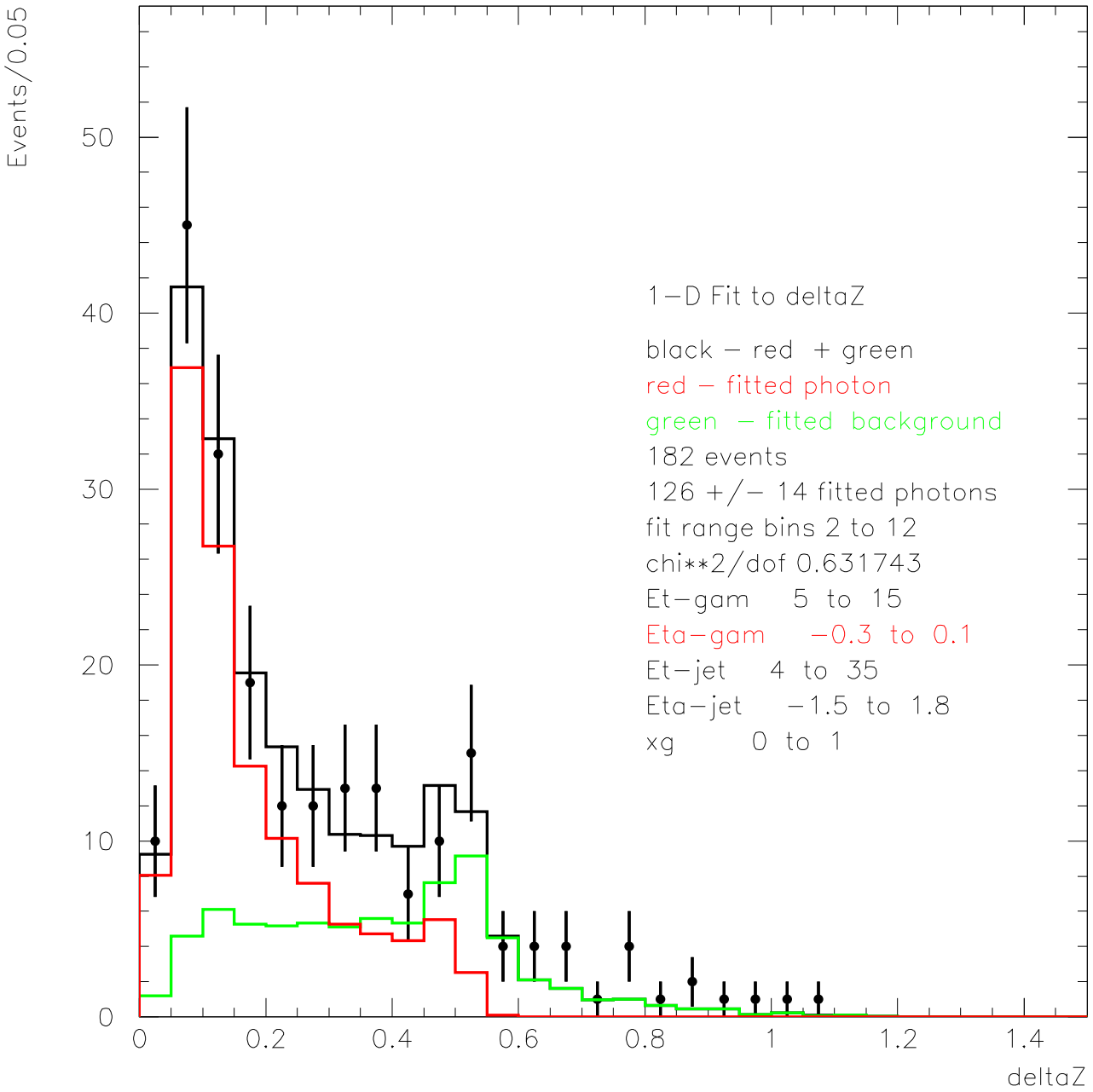

2014/10/21 08.16
1D deltaZ ,fitgj515diff28ml.kumac, ML, G+J , 0.03 2.8, /analmc3/
Events/0.05
30
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
deltaZ
1−D Fit to deltaZ
black − red + green
red − fitted photon
green − fitted background
120 events
81 +/− 11 fitted photons
fit range bins 2 to 12
chi**2/dof 1.72078
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

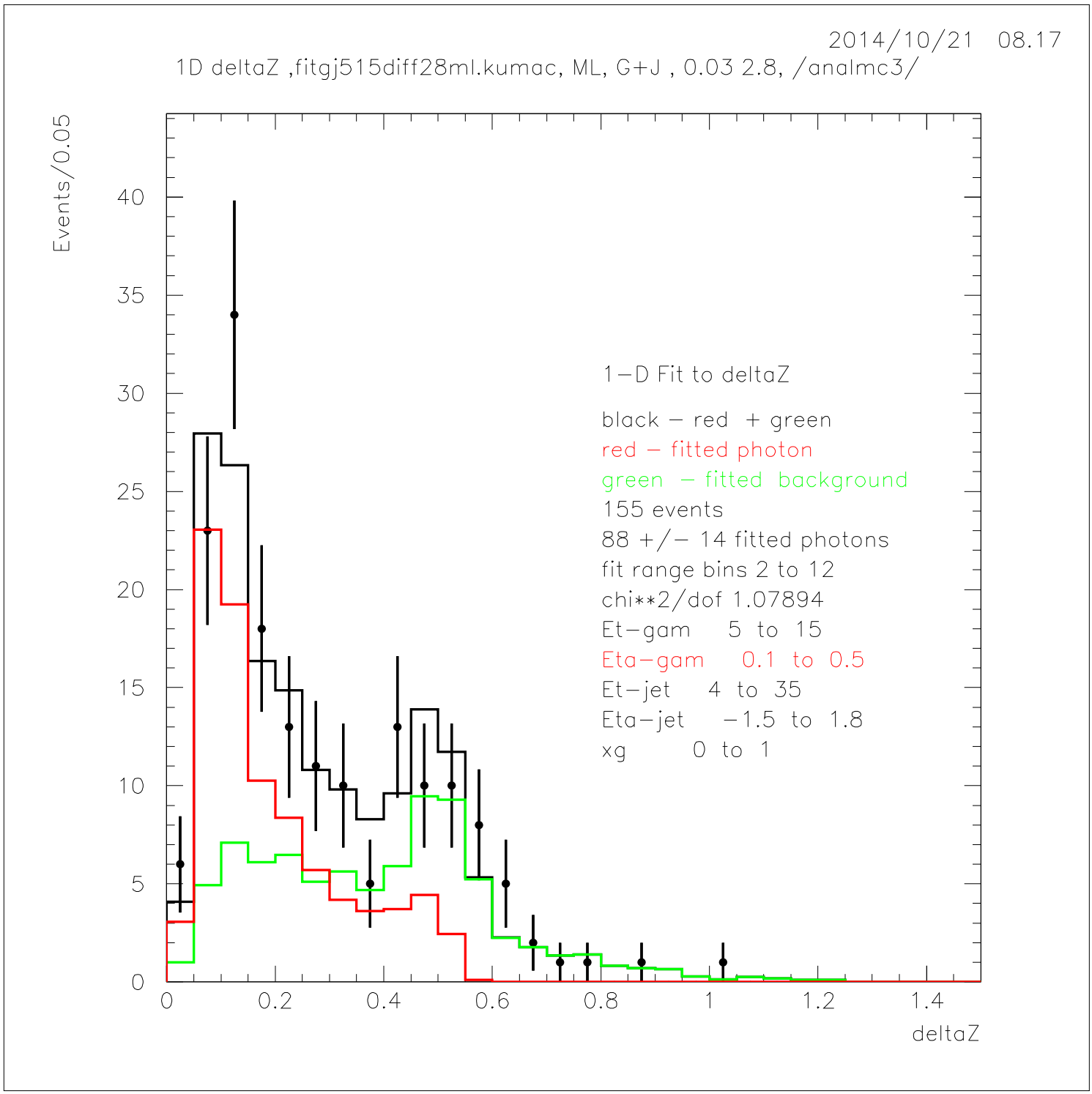

2014/10/21 08.16
1D deltaZ ,fitgj515diff28ml.kumac, ML, G+J , 0.03 2.8, /analmc3/
Events/0.05
deltaZ
1−D Fit to deltaZ
black − red + green
red − fitted photon
green − fitted background
56 events
48 +/− 7 fitted photons
fit range bins 2 to 12
chi**2/dof 0.792346
Et−gam 5 to 15
Eta−gam −0.7 to 0.9
Et−jet 10 to 15
Eta−jet −1.5 to 1.8
xg 0 to 1

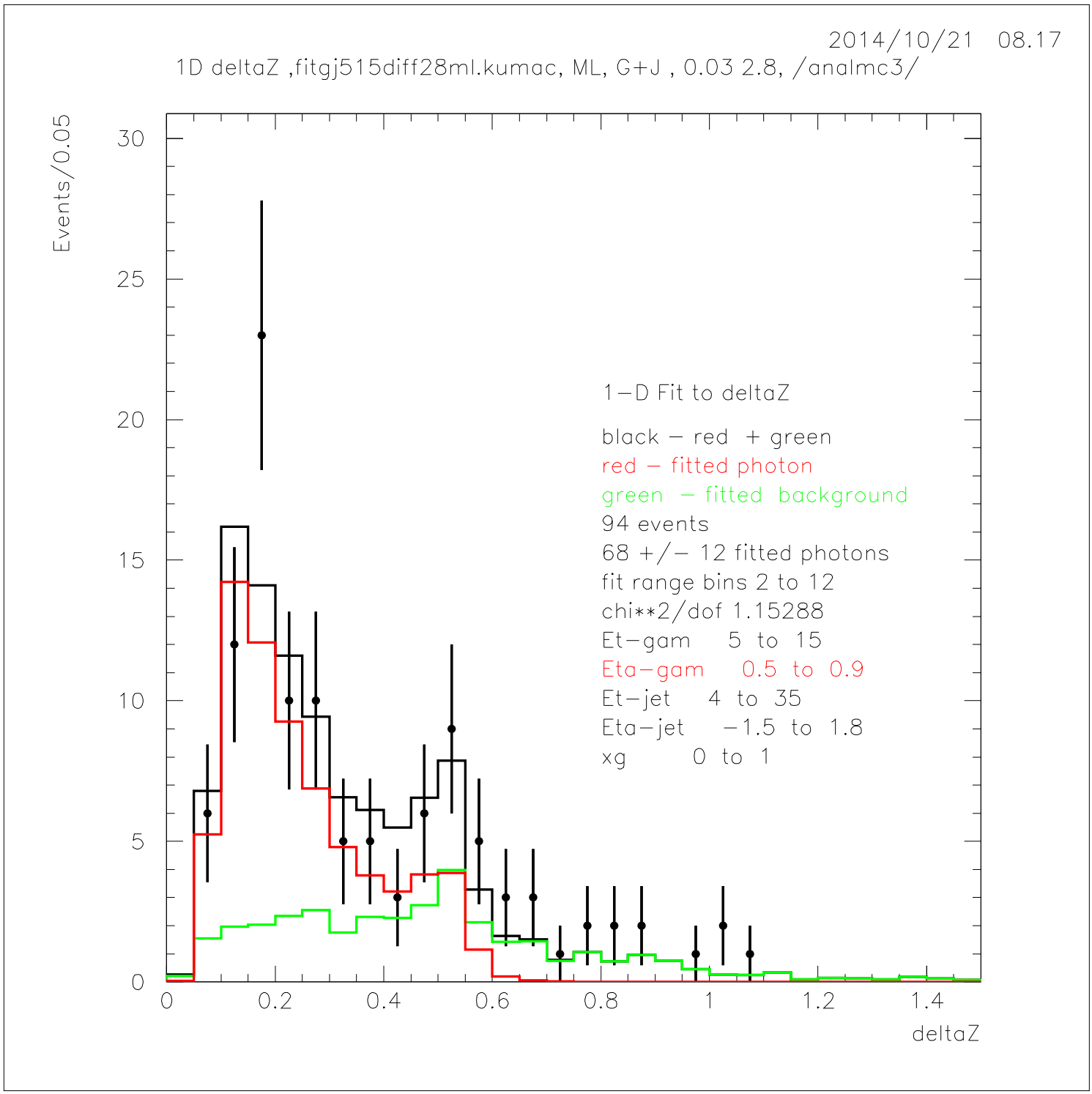

2014/10/21 08.16
1D deltaZ ,fitgj515diff28ml.kumac, ML, G+J , 0.03 2.8, /analmc3/
Events/0.05
70
60
50
40
30
20
10
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
deltaZ
1−D Fit to deltaZ
black − red + green
red − fitted photon
green − fitted background
298 events
188 +/− 22 fitted photons
fit range bins 2 to 12
chi**2/dof 0.760255
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

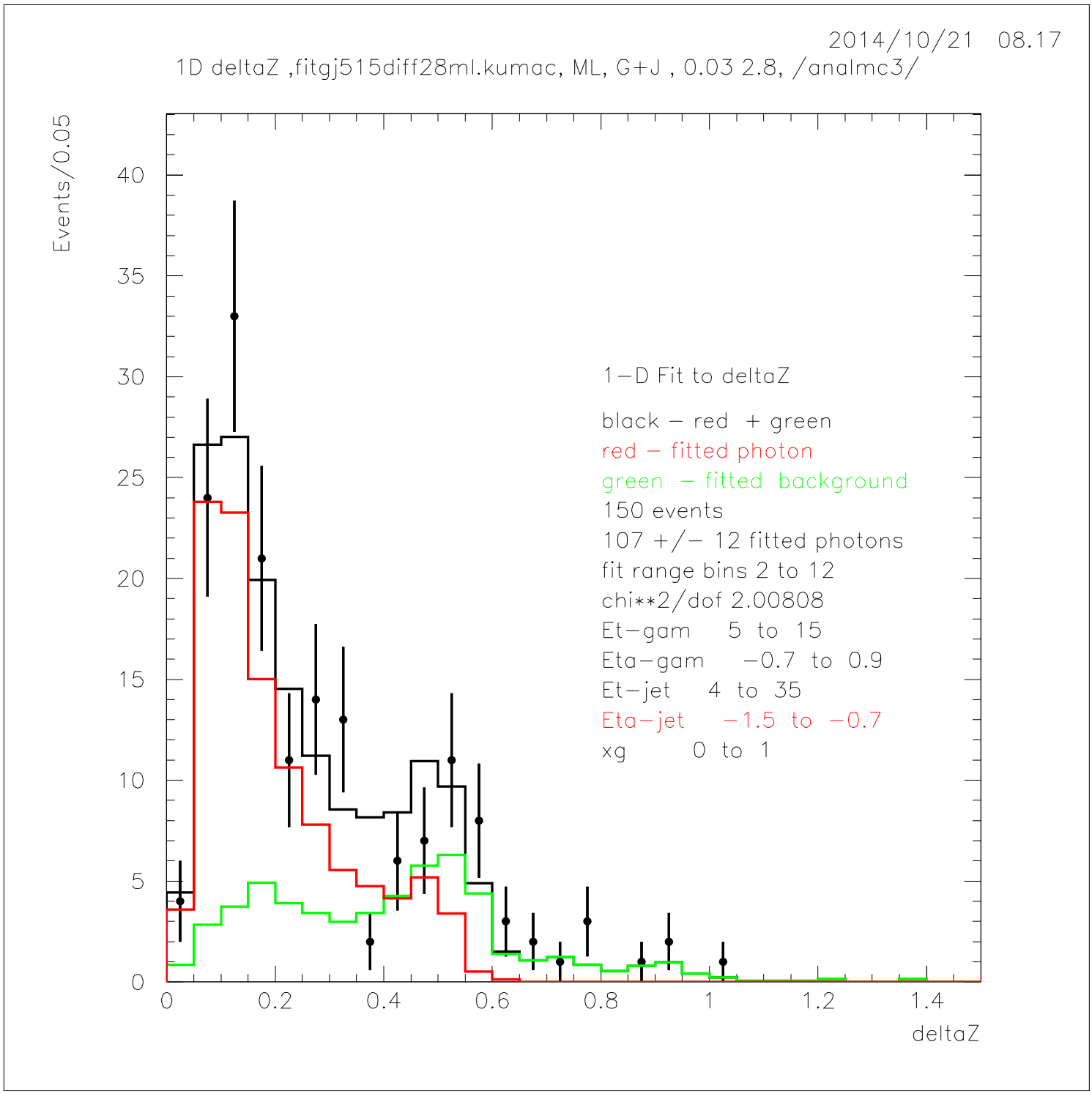
2014/10/21 08.16

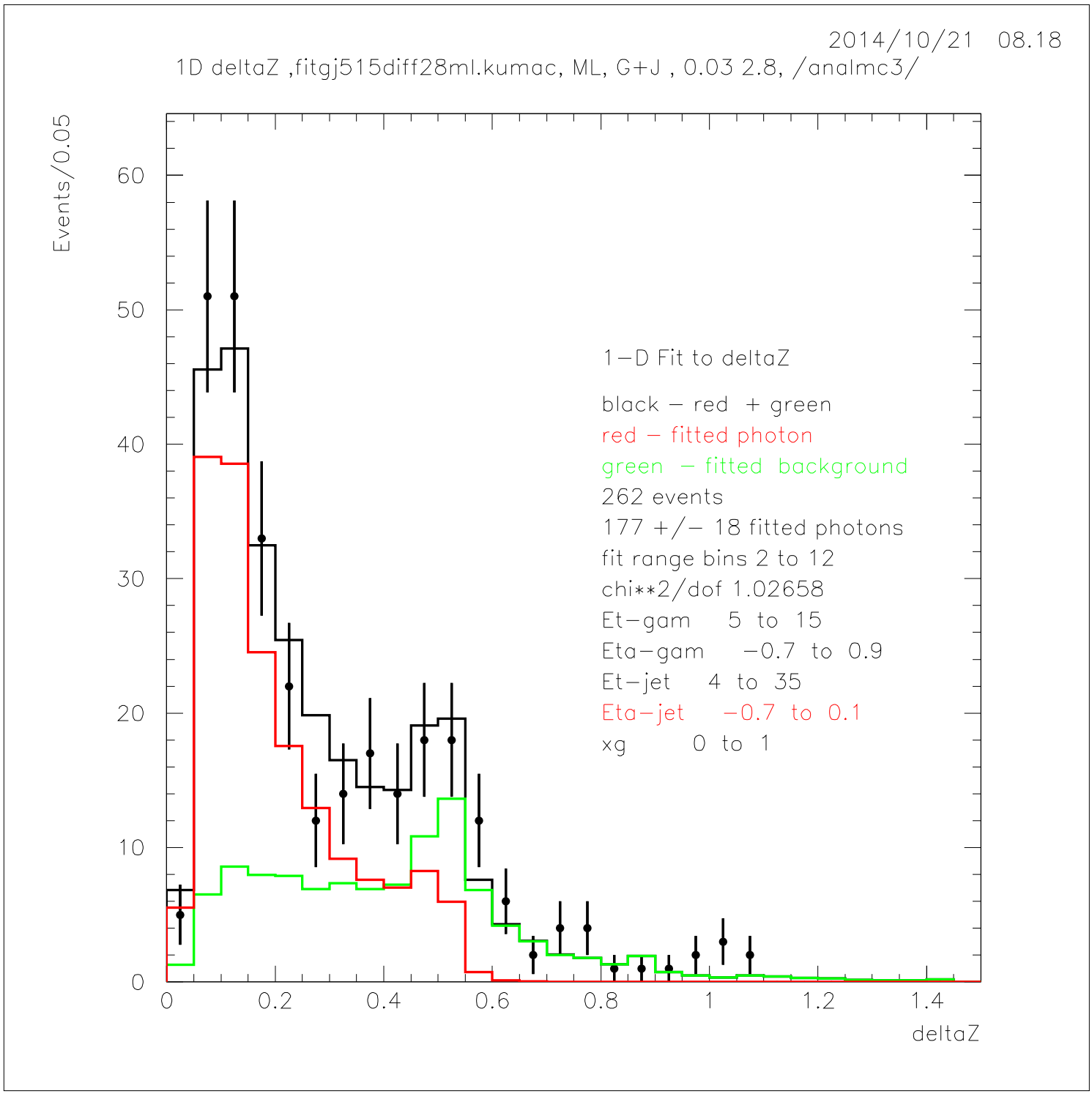
1D deltaZ ,fitgj515diff28ml.kumac, ML, G+J , 0.03 2.8, /analmc3/

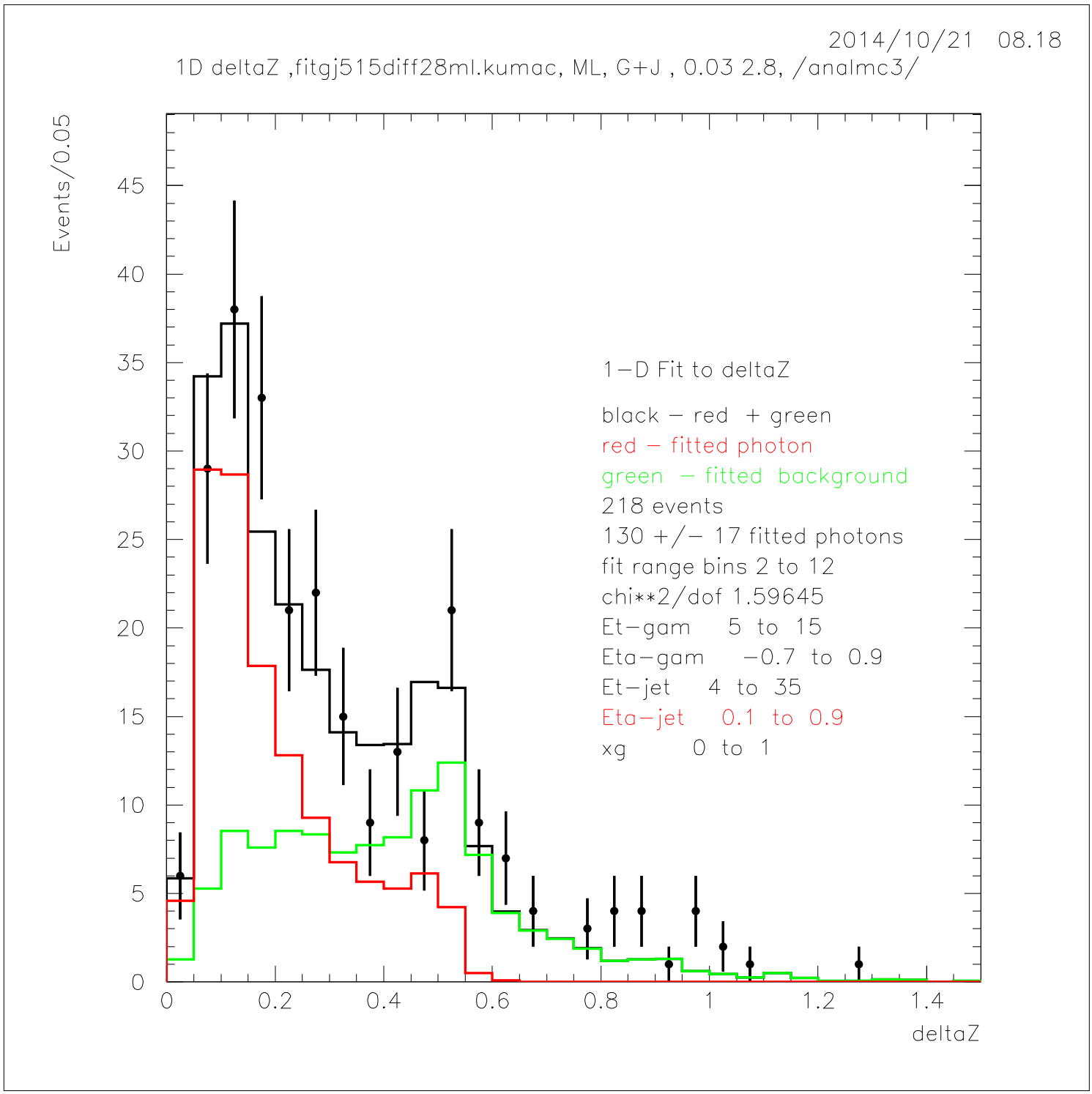



2014/10/21 08.17
1D deltaZ ,fitgj515diff28ml.kumac, ML, G+J , 0.03 2.8, /analmc3/
Events/0.05
deltaZ
1−D Fit to deltaZ
black − red + green
red − fitted photon
green − fitted background
155 events
88 +/− 14 fitted photons
fit range bins 2 to 12
chi**2/dof 1.07894
Et−gam 5 to 15
Eta−gam 0.1 to 0.5
Et−jet 4 to 35
Eta−jet −1.5 to 1.8
xg 0 to 1


2014/10/21 08.17
1D deltaZ ,fitgj515diff28ml.kumac, ML, 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
94 events
68 +/− 12 fitted photons
fit range bins 2 to 12
chi**2/dof 1.15288
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

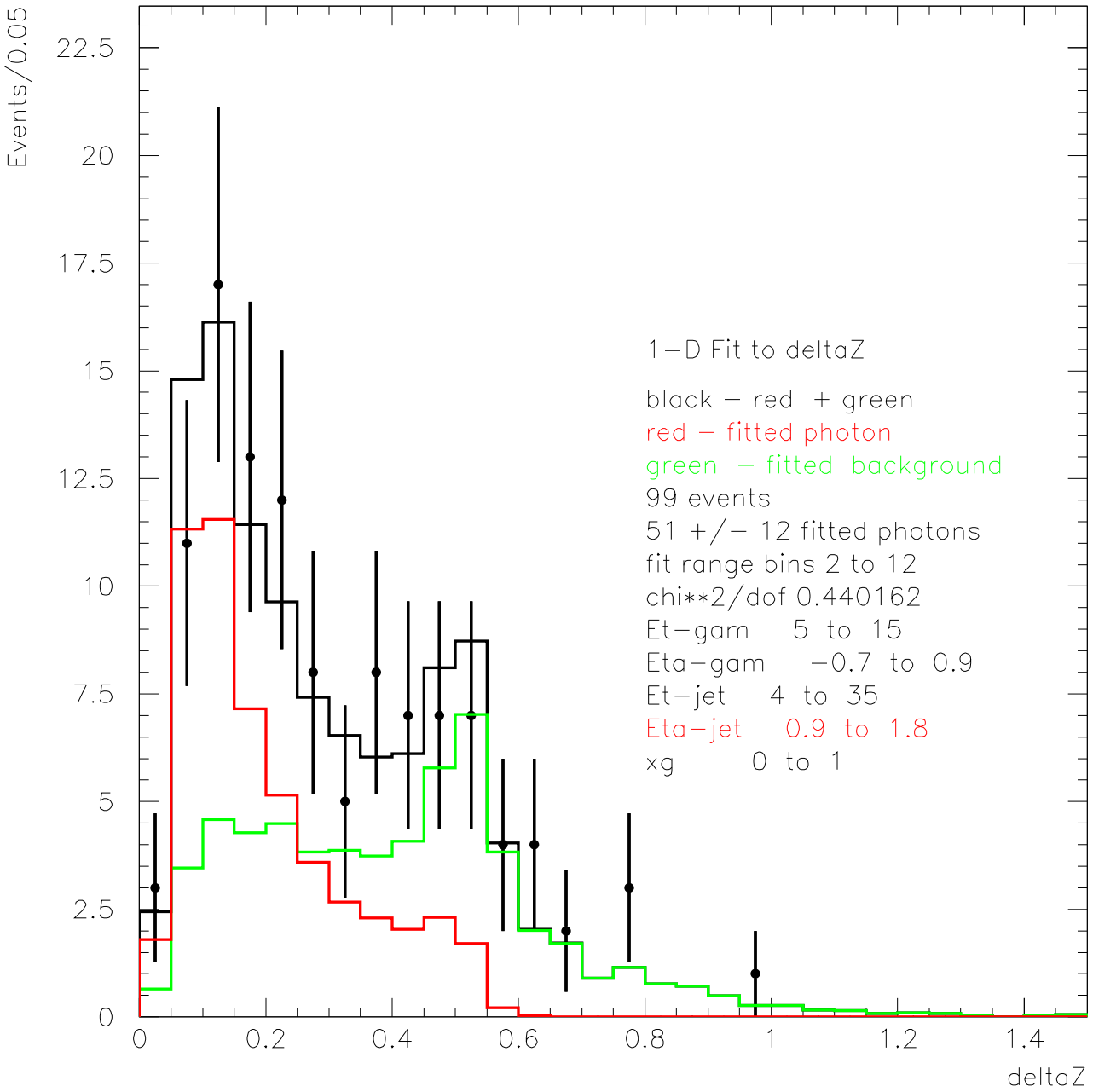

2014/10/21 08.17
1D deltaZ ,fitgj515diff28ml.kumac, ML, G+J , 0.03 2.8, /analmc3/
Events/0.05
deltaZ
1−D Fit to deltaZ
black − red + green
red − fitted photon
green − fitted background
150 events
107 +/− 12 fitted photons
fit range bins 2 to 12
chi**2/dof 2.00808
Et−gam 5 to 15
Eta−gam −0.7 to 0.9
Et−jet 4 to 35
Eta−jet −1.5 to −0.7
xg 0 to 1

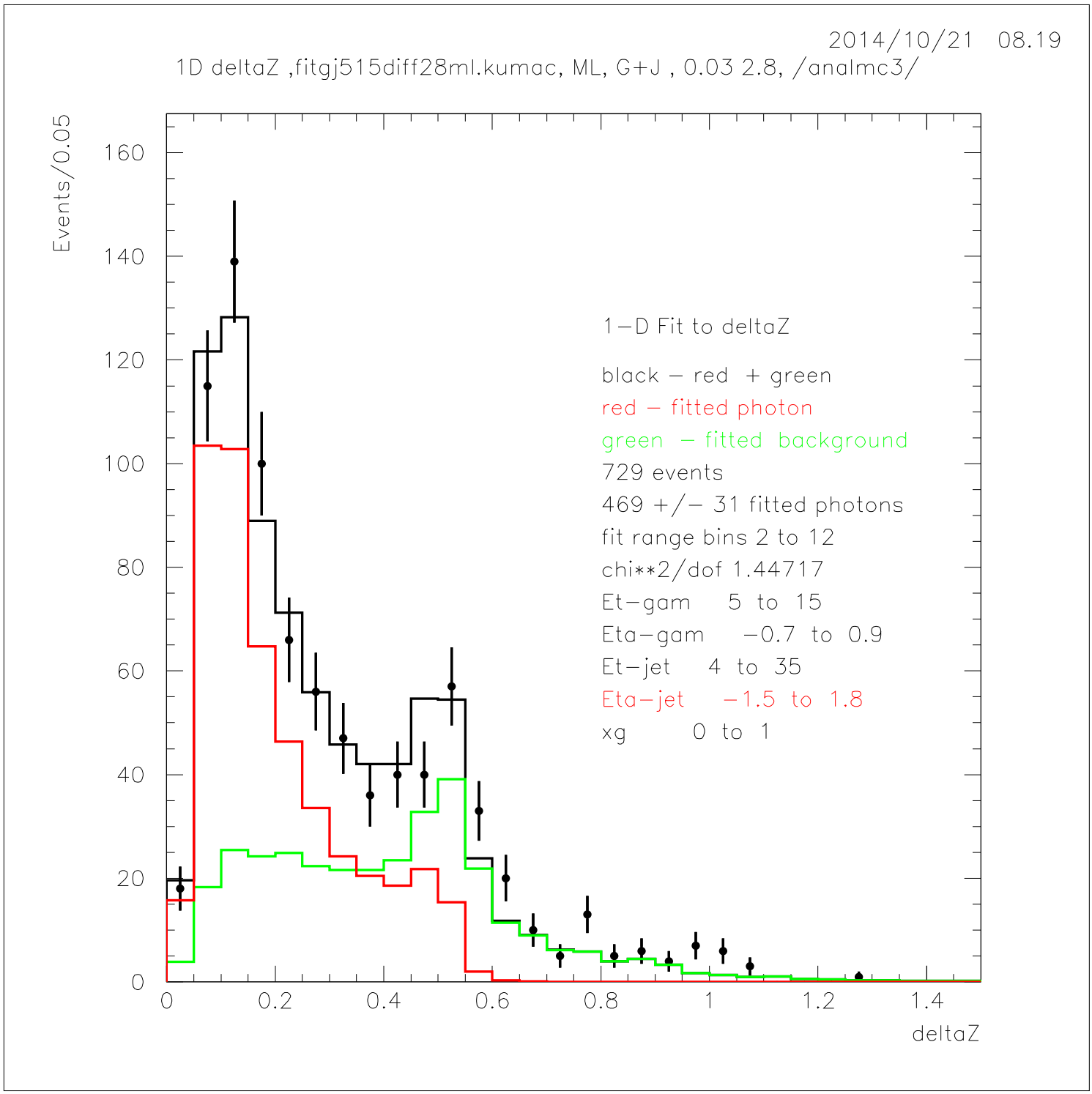

2014/10/21 08.18
1D deltaZ ,fitgj515diff28ml.kumac, ML, G+J , 0.03 2.8, /analmc3/
Events/0.05
60
50
40
30
20
10
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
deltaZ
1−D Fit to deltaZ
black − red + green
red − fitted photon
green − fitted background
262 events
177 +/− 18 fitted photons
fit range bins 2 to 12
chi**2/dof 1.02658
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


2014/10/21 08.18
1D deltaZ ,fitgj515diff28ml.kumac, ML, 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
218 events
130 +/− 17 fitted photons
fit range bins 2 to 12
chi**2/dof 1.59645
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

2014/10/21 08.18

1D deltaZ ,fitgj515diff28ml.kumac, ML, G+J , 0.03 2.8, /analmc3/




2014/10/21 08.19
1D deltaZ ,fitgj515diff28ml.kumac, ML, G+J , 0.03 2.8, /analmc3/
Events/0.05
160
140
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
729 events
469 +/− 31 fitted photons
fit range bins 2 to 12
chi**2/dof 1.44717
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