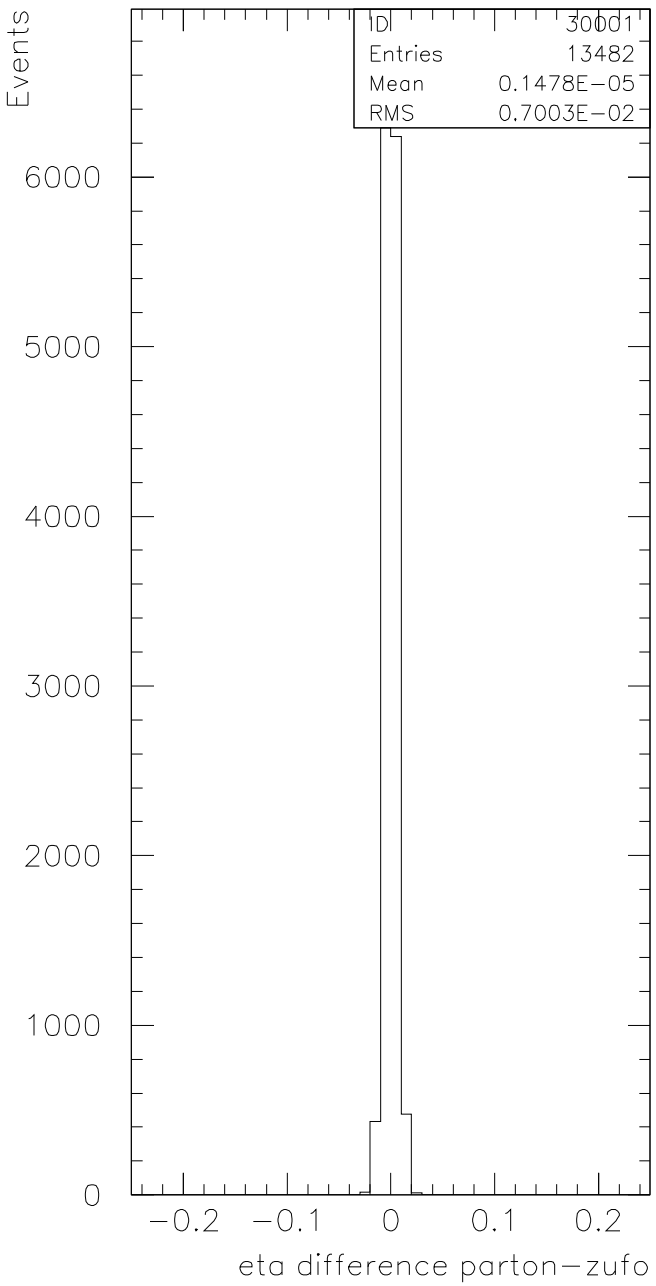
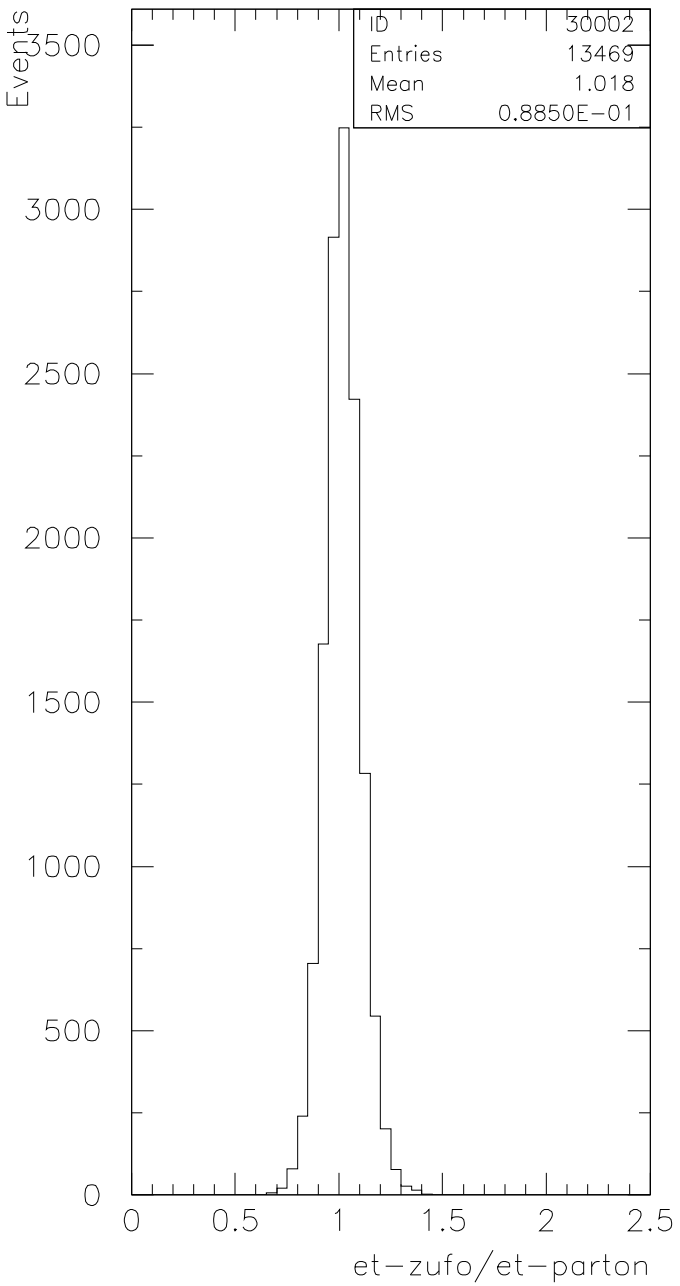
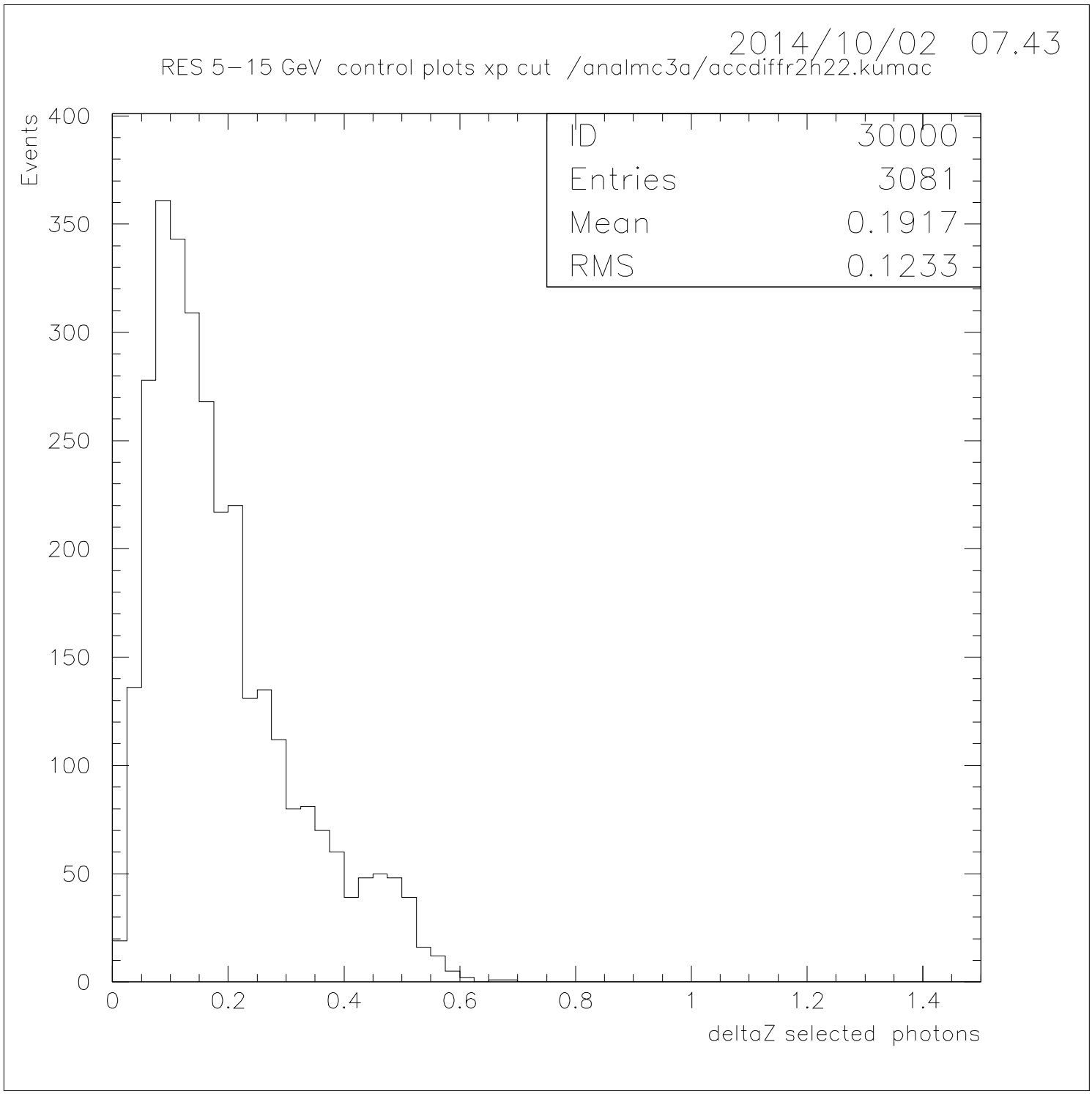
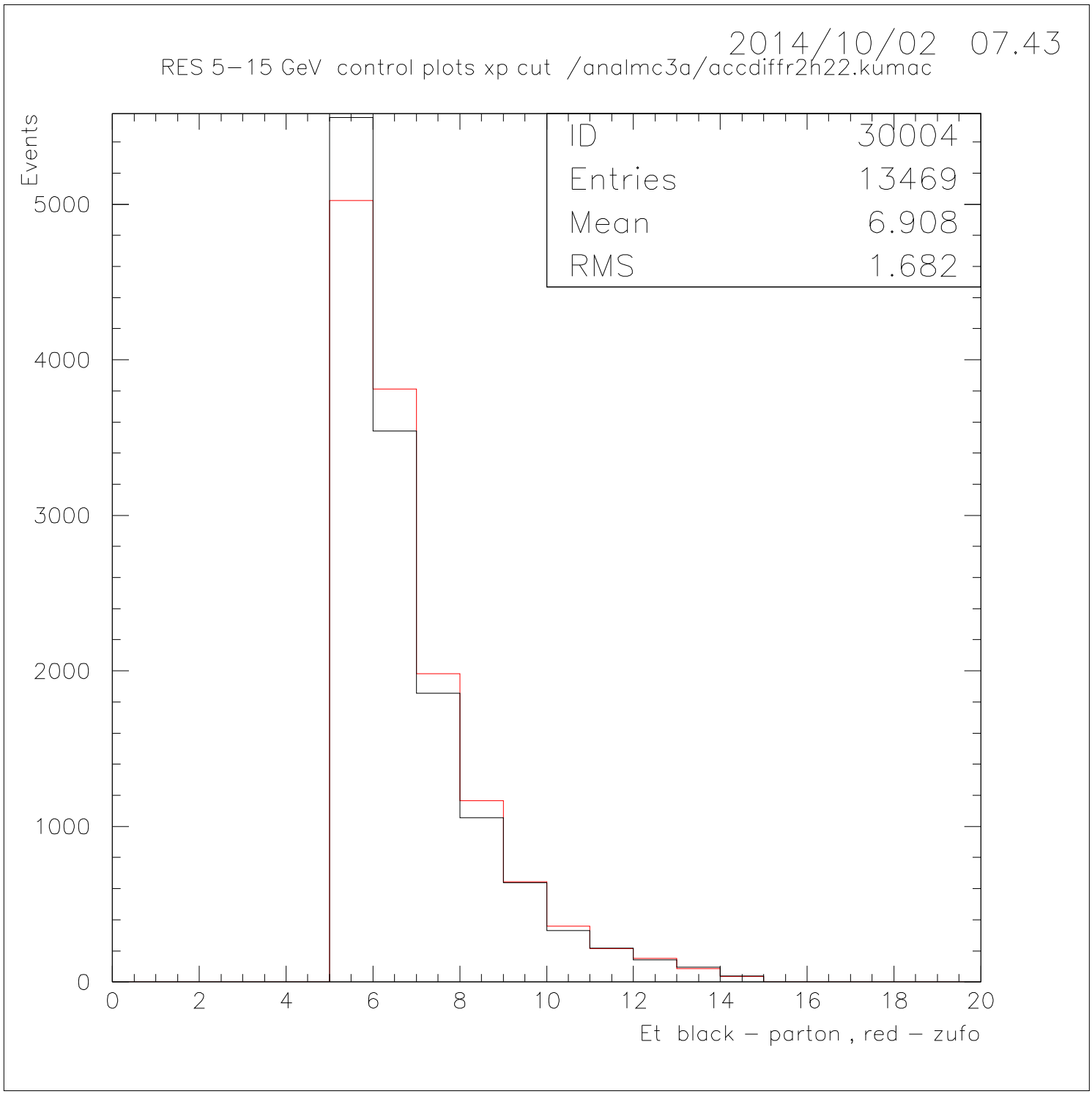
2014/10/02 07.43

RES 5−15 GeV control plots xp cut /analmc3a/accdiffr2h22.kumac



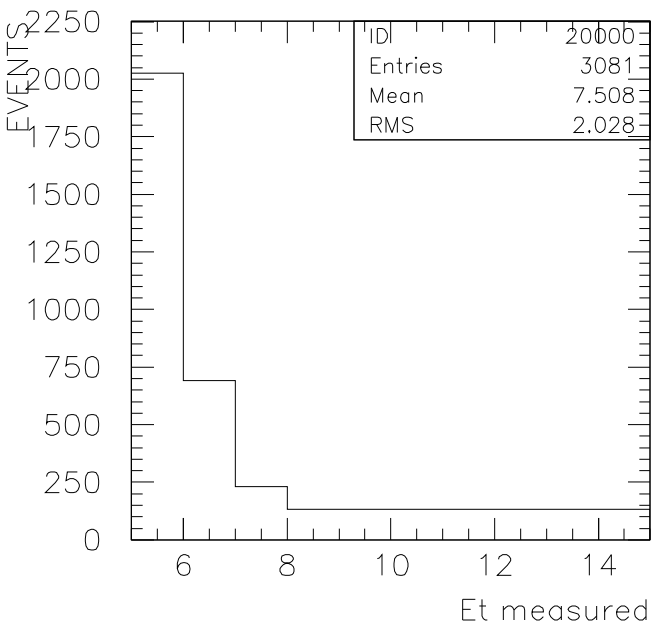


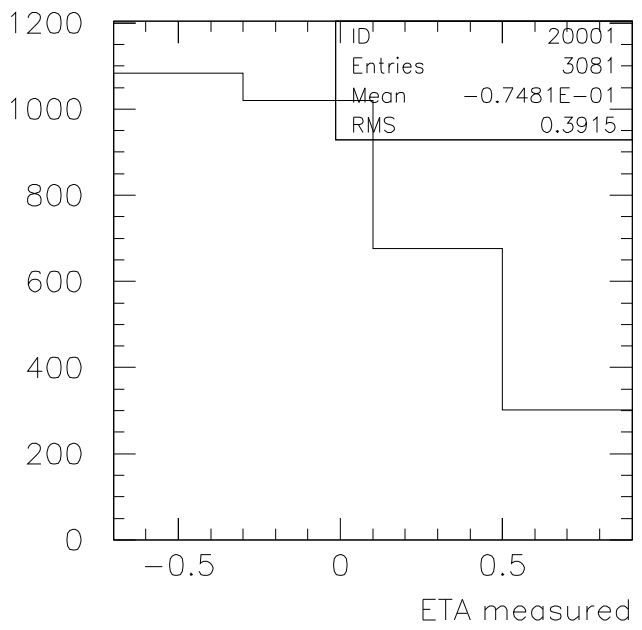

2014/10/02 07.43
RES 5−15 GeV control plots xp cut /analmc3a/accdiffr2h22.kumac
ID 30000
Entries 3081
Mean 0.1917
RMS 0.1233
Events
400
350
300
250
200
150
100
50
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
deltaZ selected photons

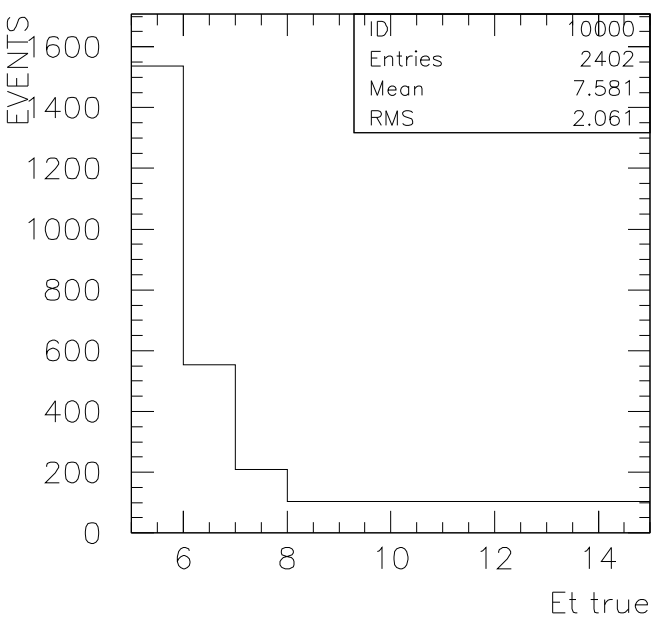

2014/10/02 07.43
RES 5−15 GeV control plots xp cut /analmc3a/accdiffr2h22.kumac
ID 30004
Entries 13469
Mean 6.908
RMS 1.682
Events
5000
4000
3000
2000
1000
0
0
2
4
6
8
10
12
14
16
18
20
Et black − parton , red − zufo

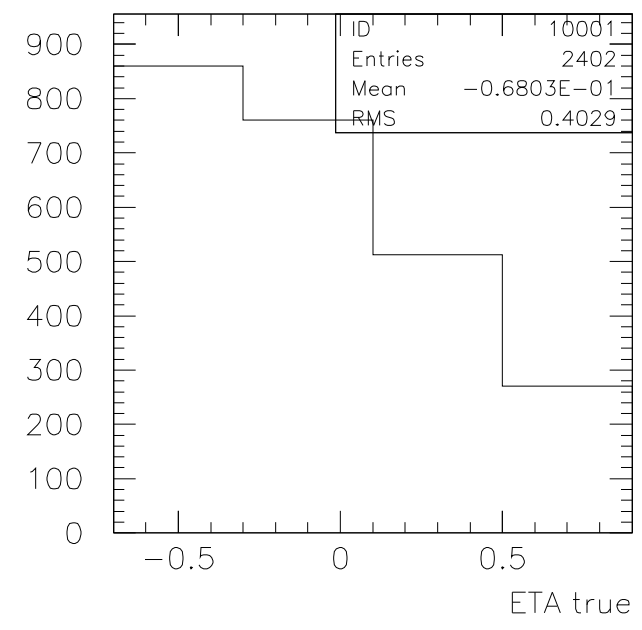
2014/10/02 07.43

inclusive accdiffd2.kumac

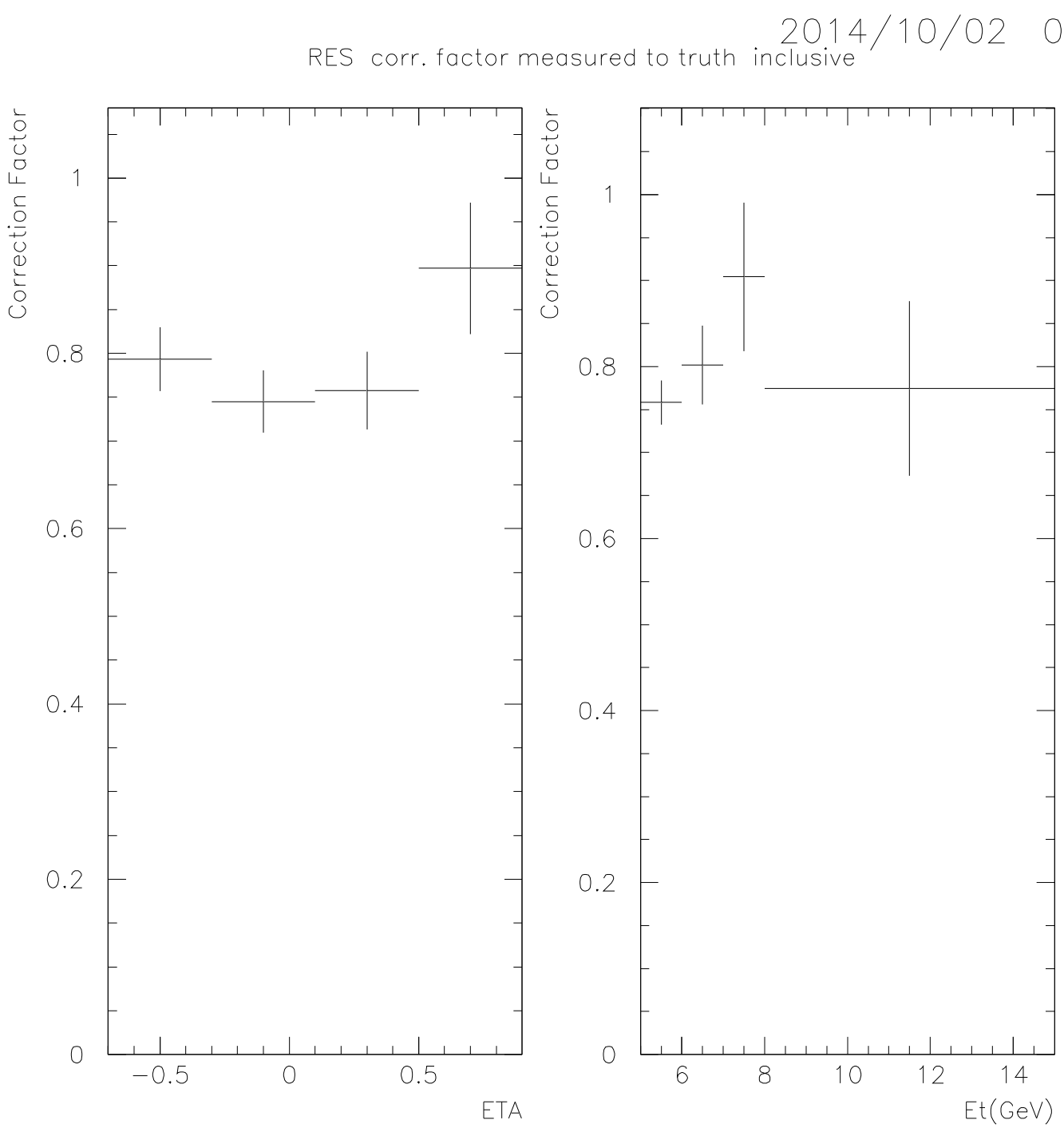






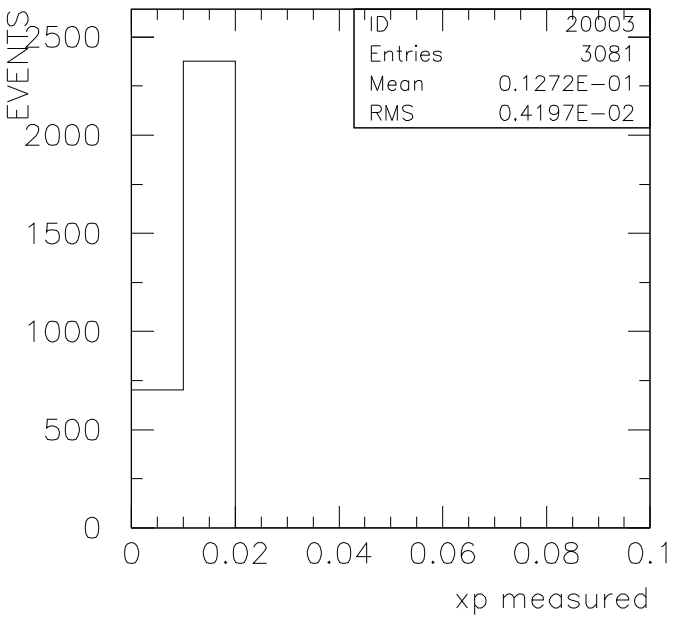


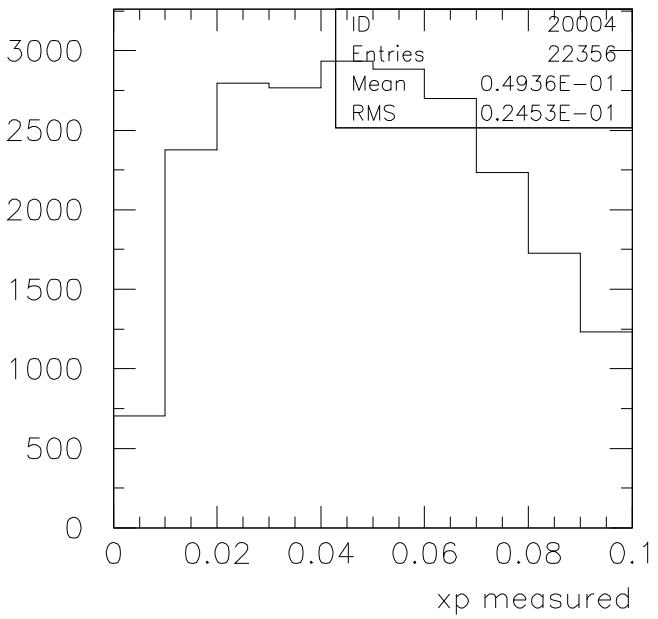
2014/10/02 07.43

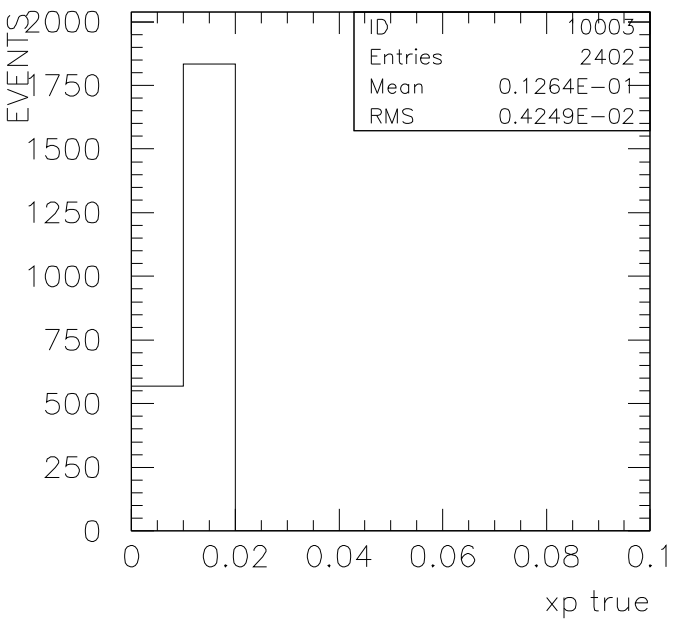


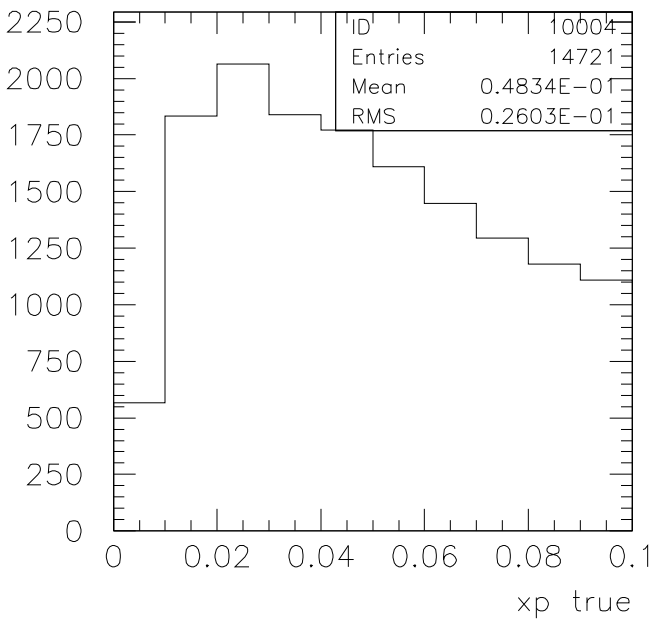
2014/10/02 07.43

inclusive accdiffd2.kumac



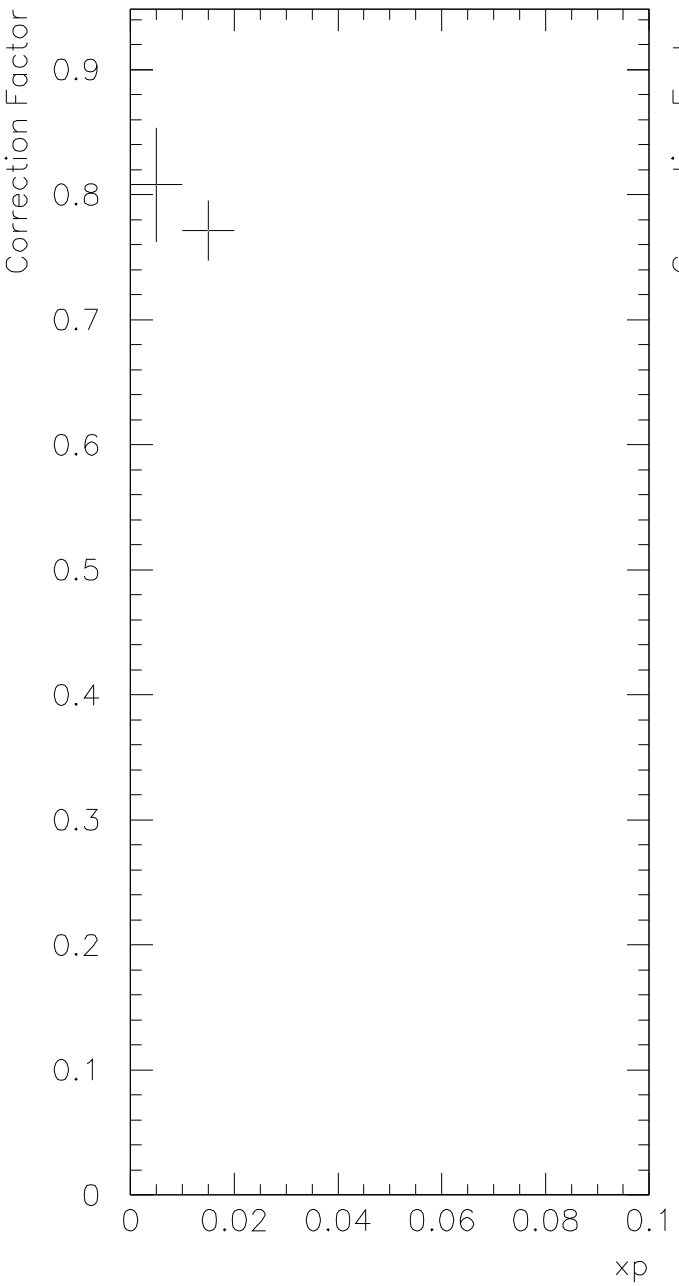


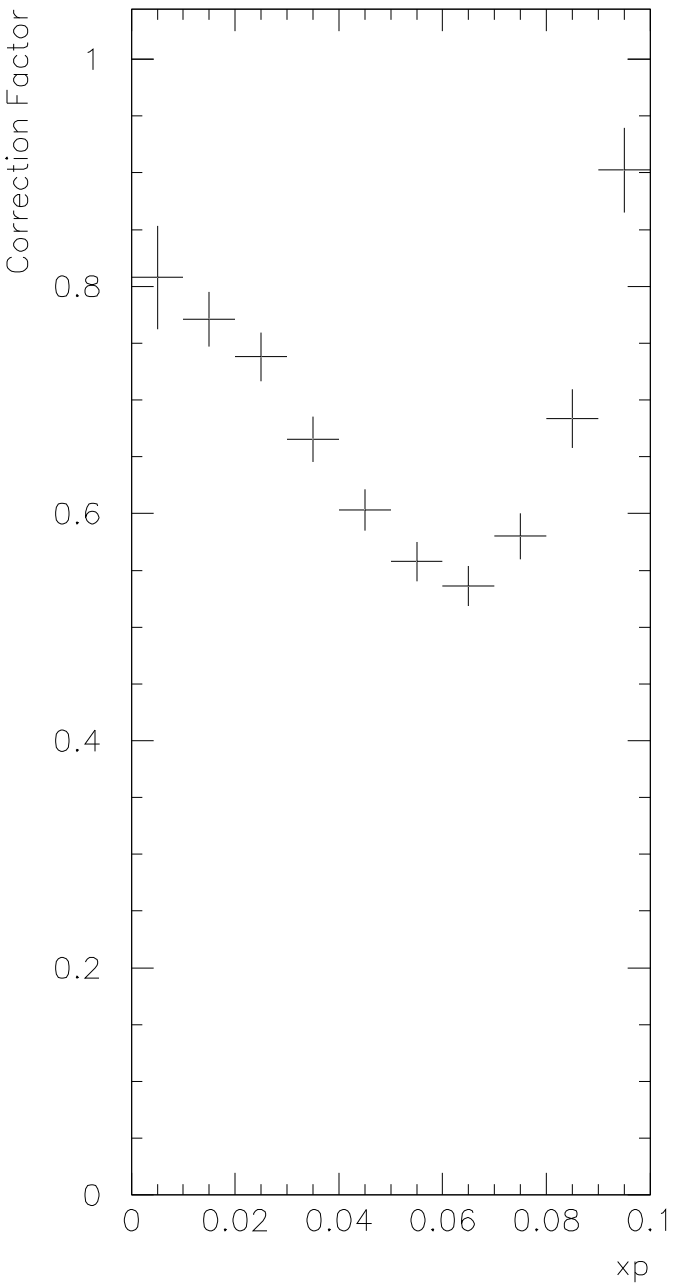




2014/10/02 07.43

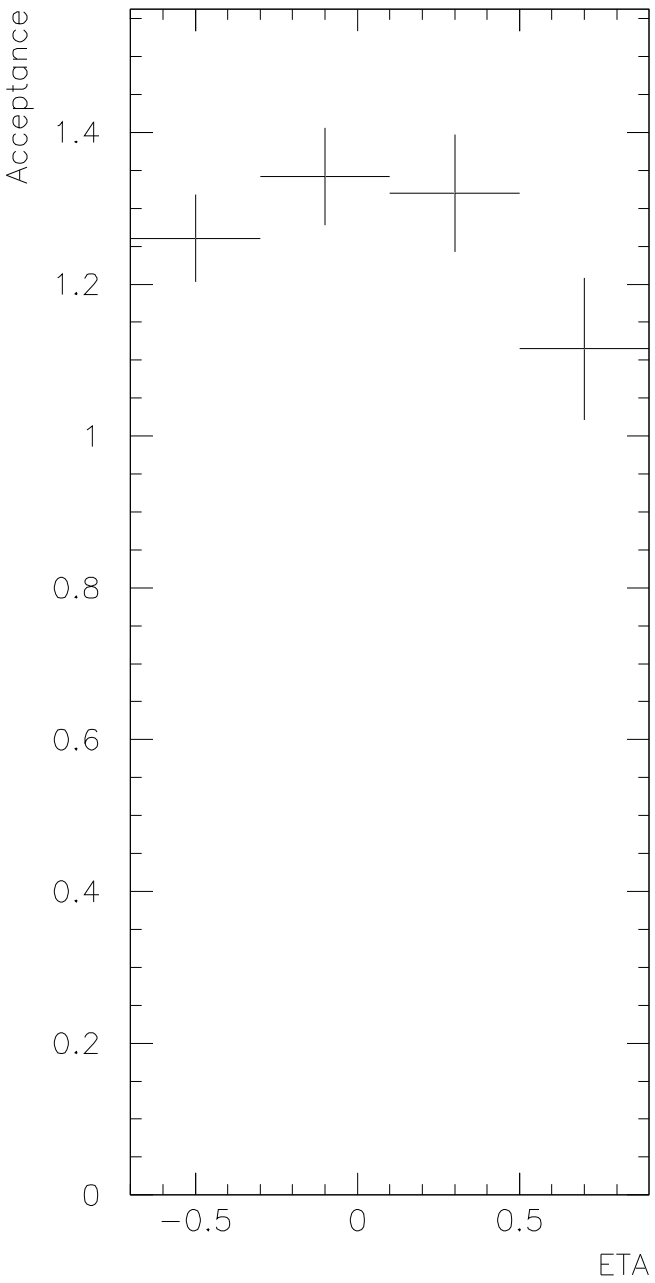
RES corr. factor measured to truth inclusive

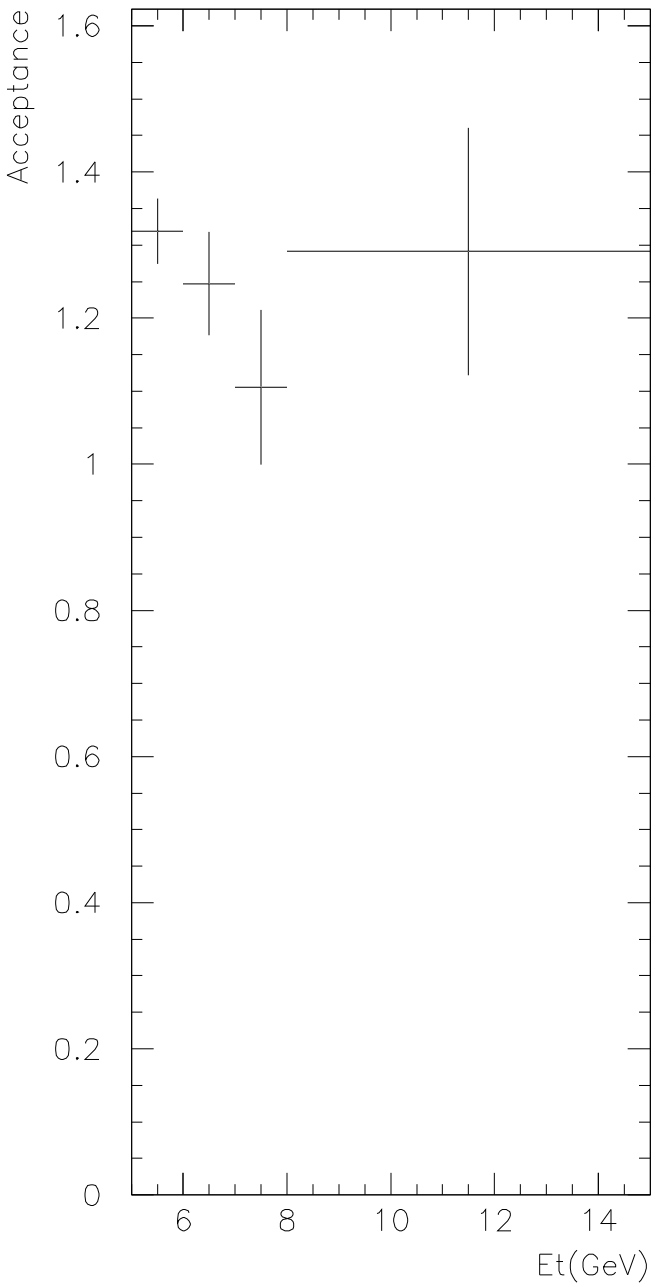




2014/10/02 07.43

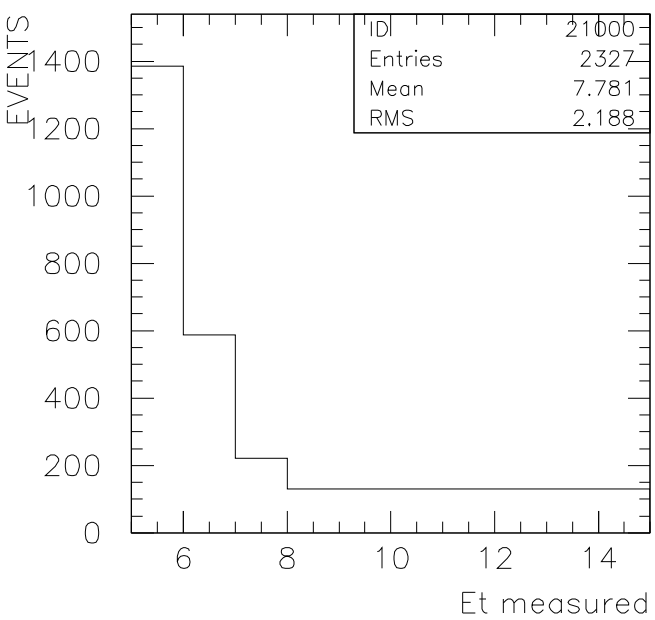
RES Acceptance (measured divided by truth) inclusive

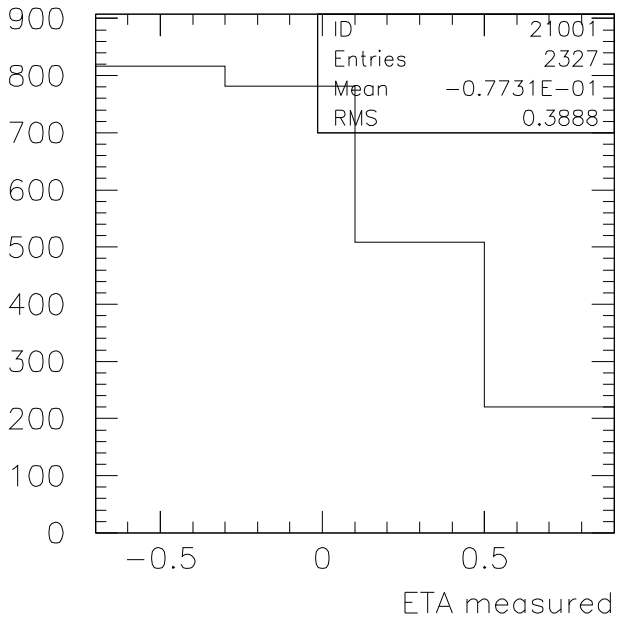


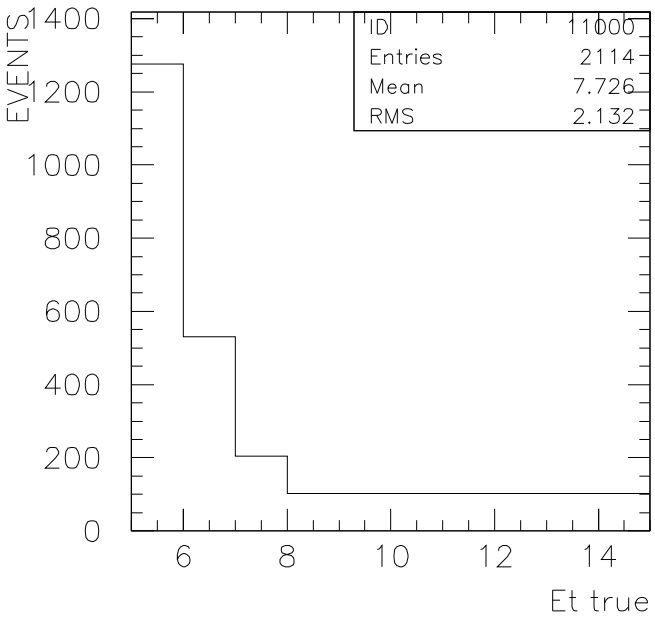


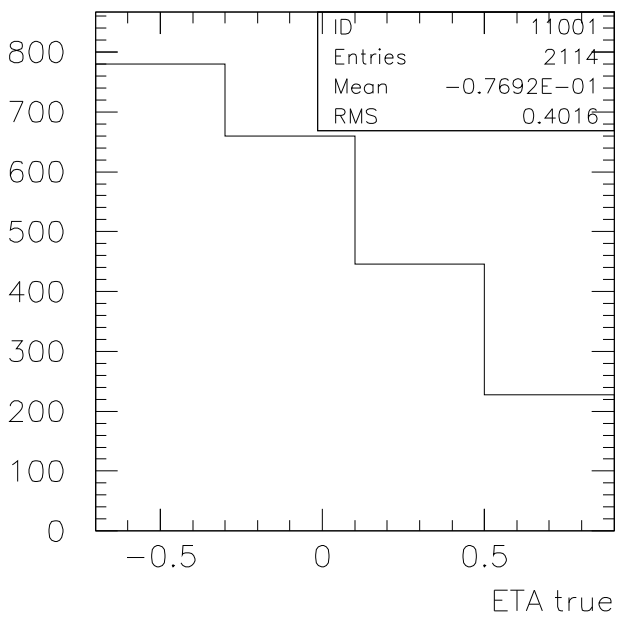
2014/10/02 07.43

Photon + jet



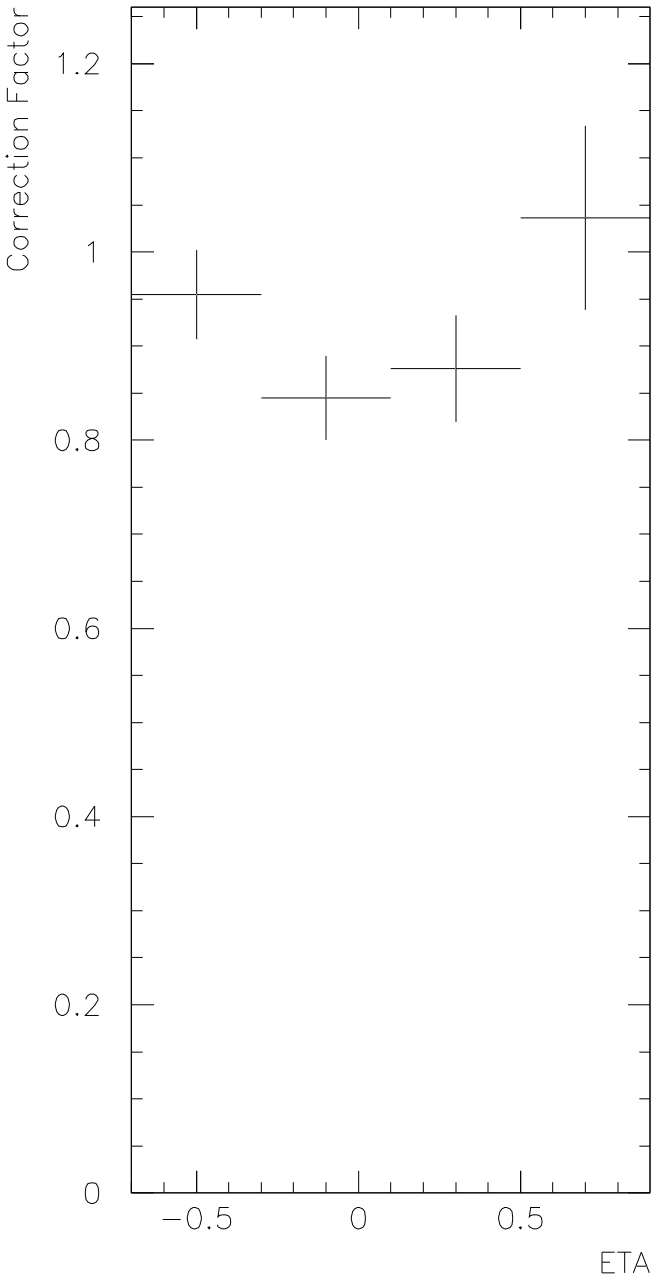


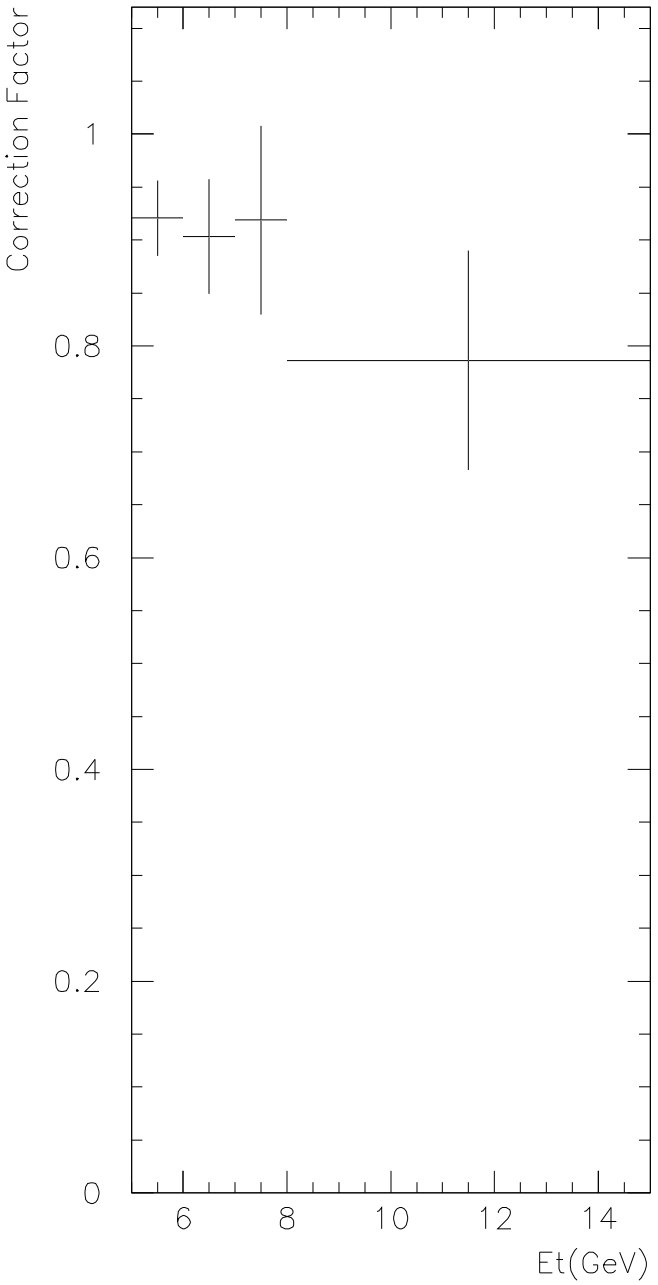




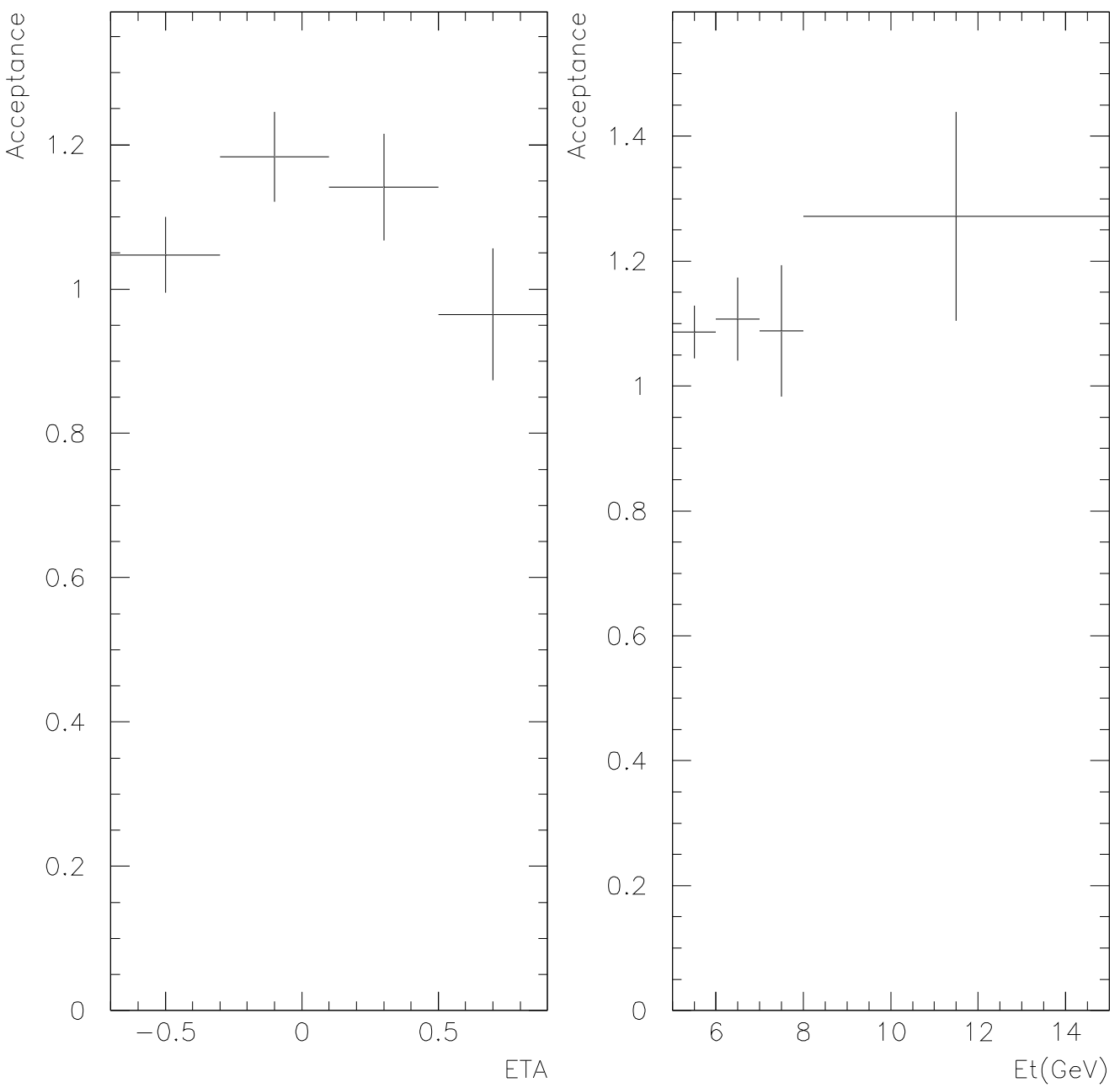
2014/10/02 07.43

corr. factor measured to truth Photon + jet



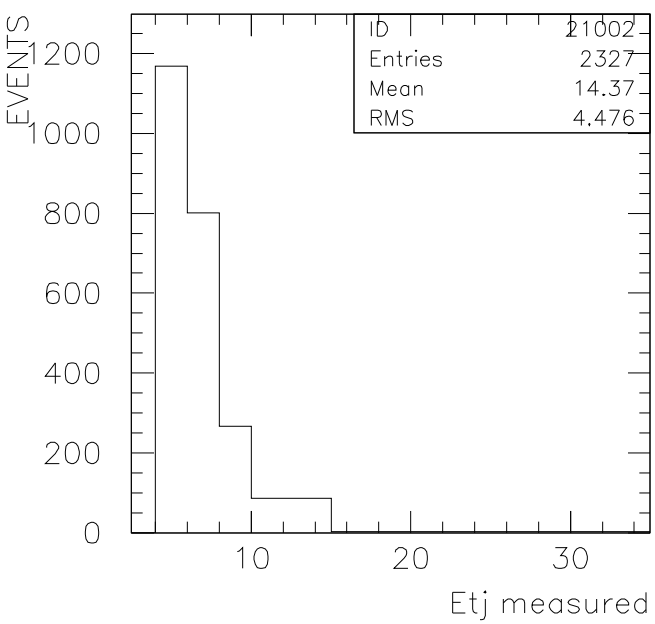


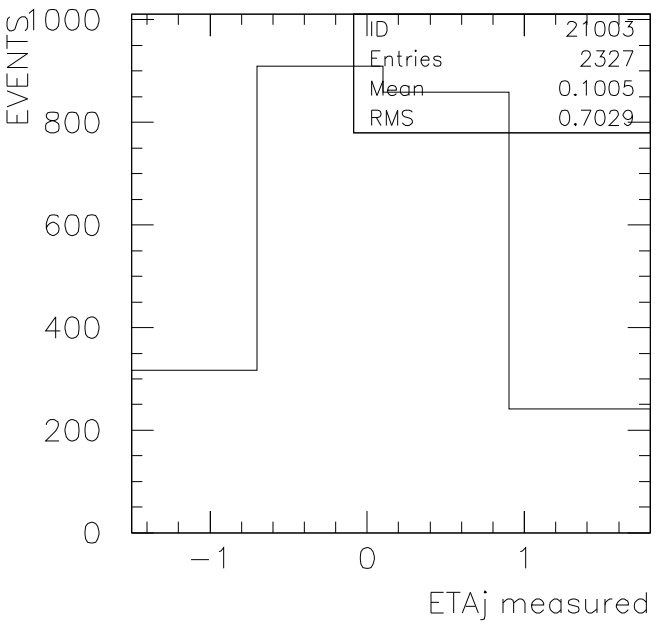
2014/10/02 07.43

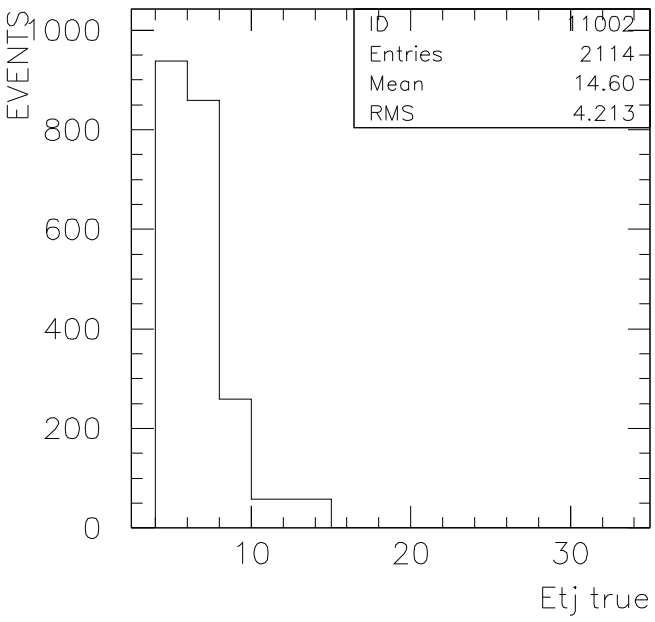


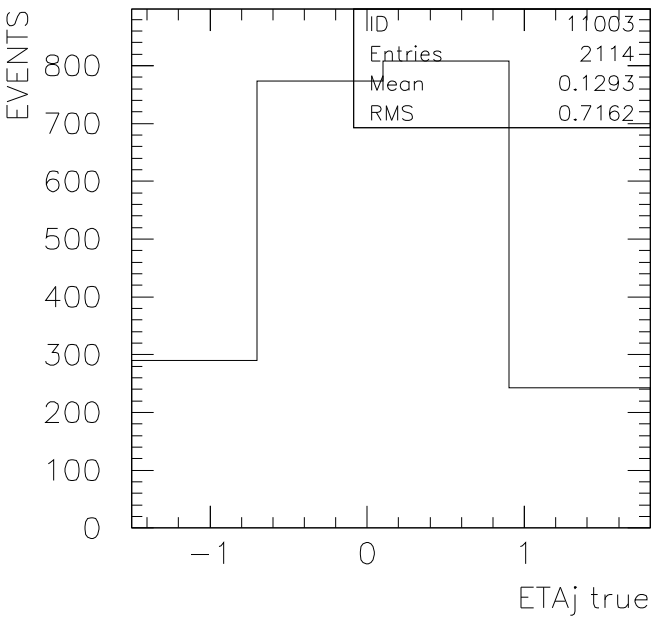
2014/10/02 07.43

Acceptance (measured/true) Photon + jet



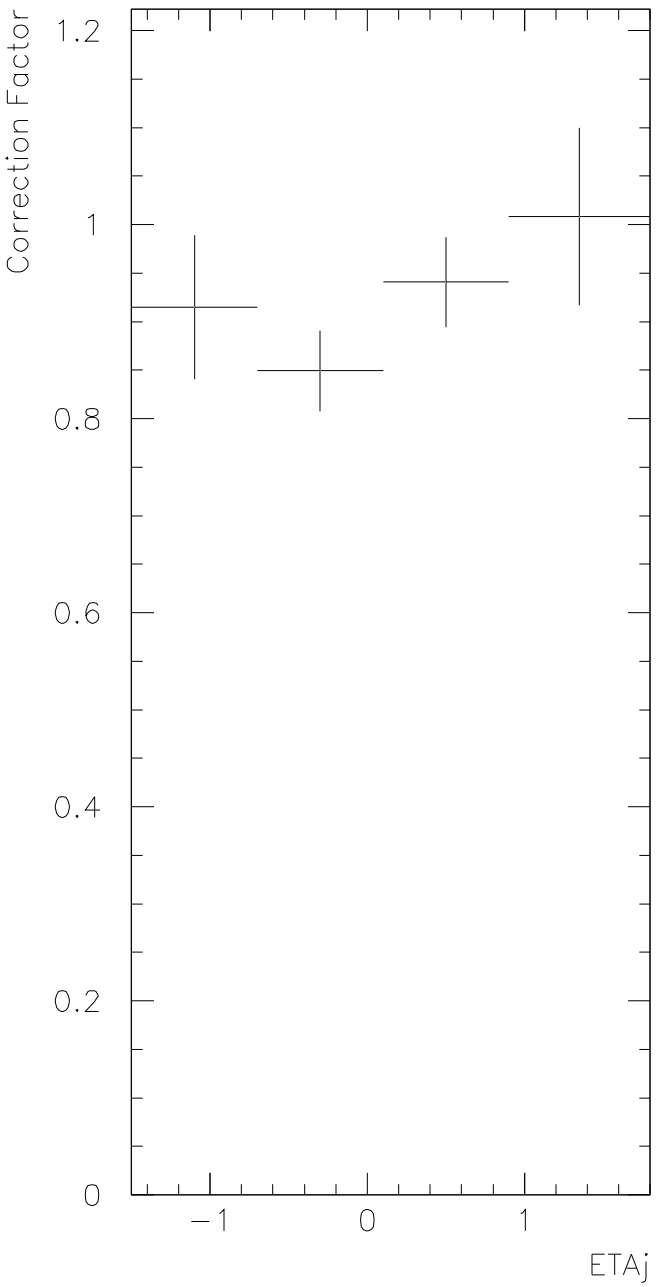


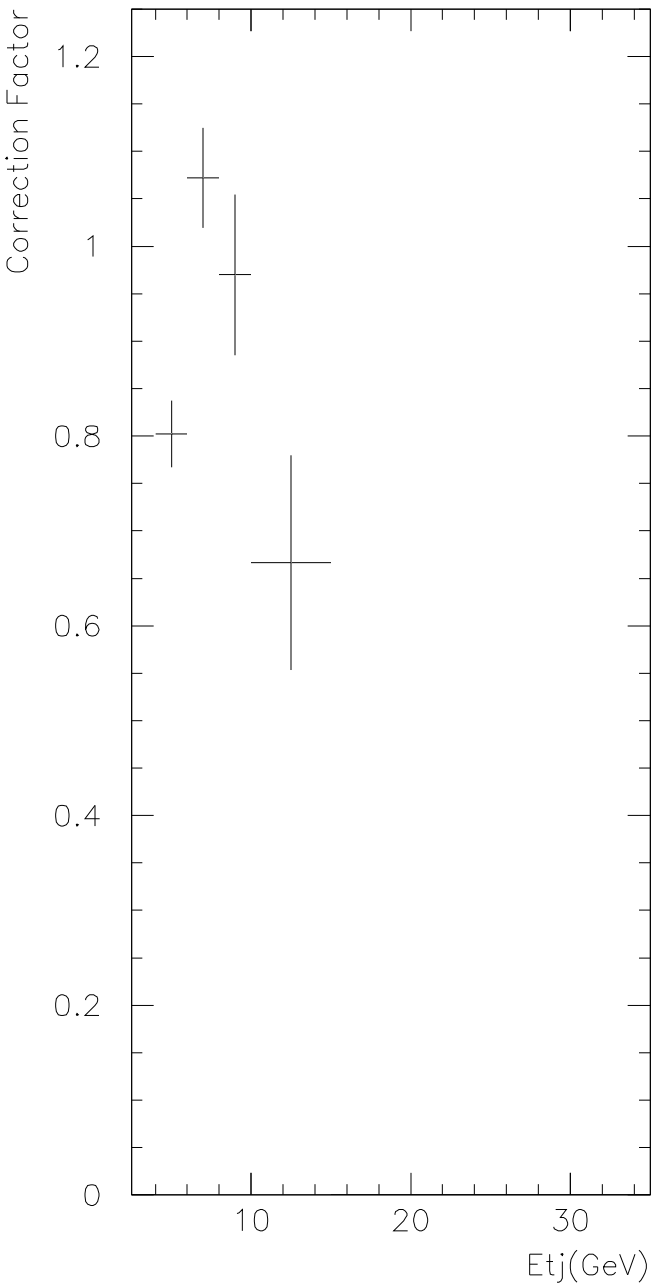


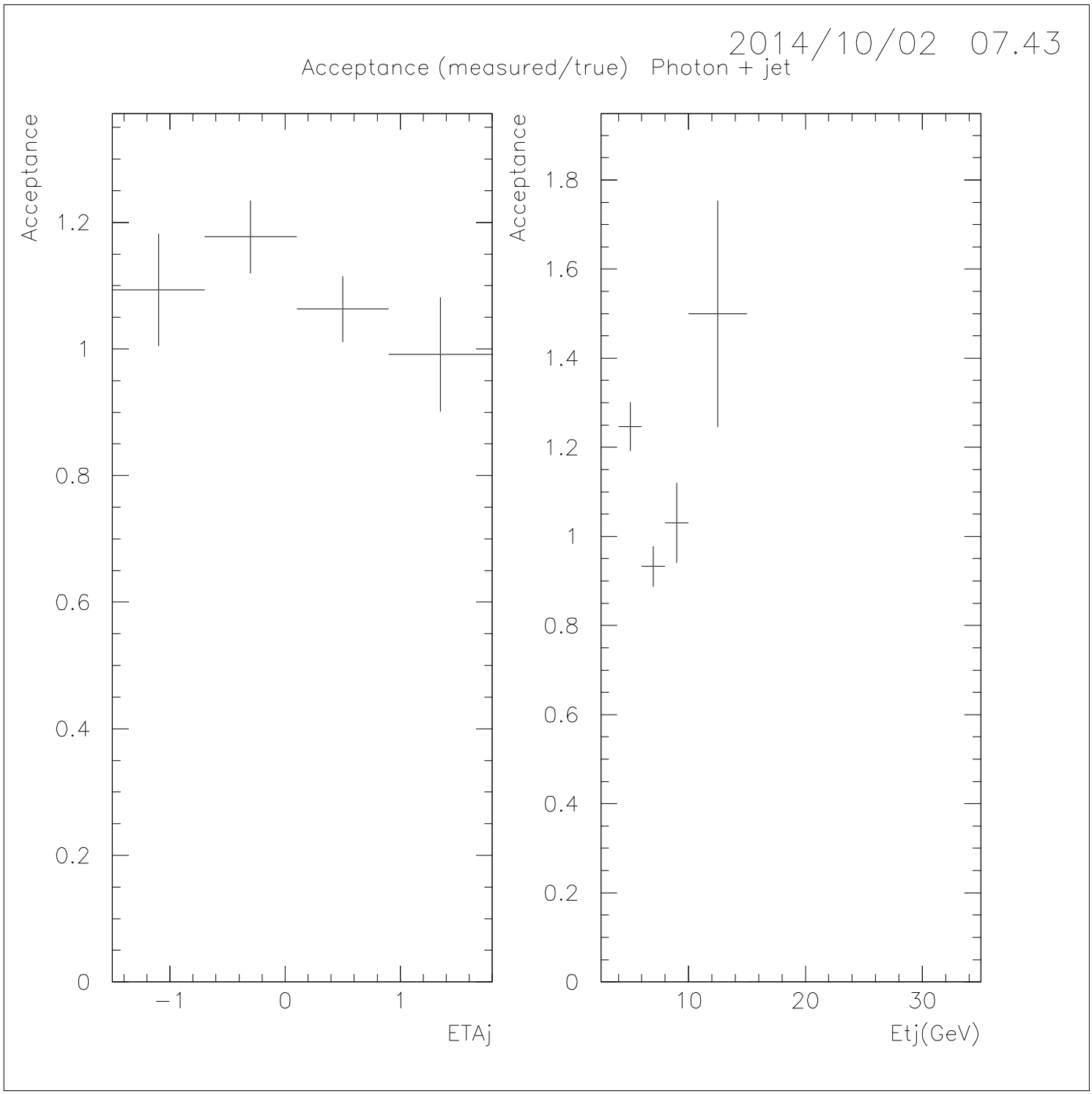


2014/10/02 07.43

corr. factor measured to truth Photon + jet

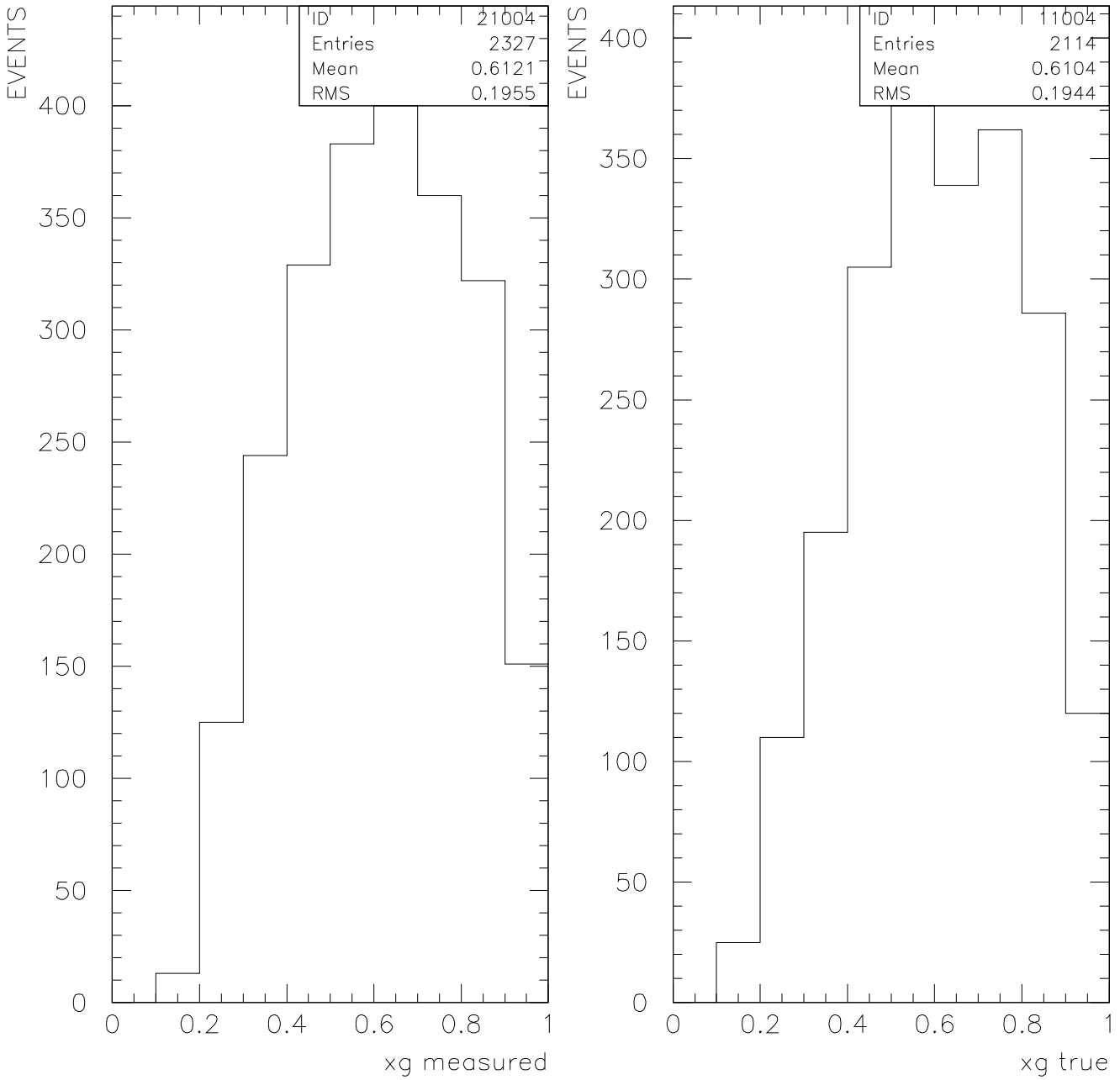


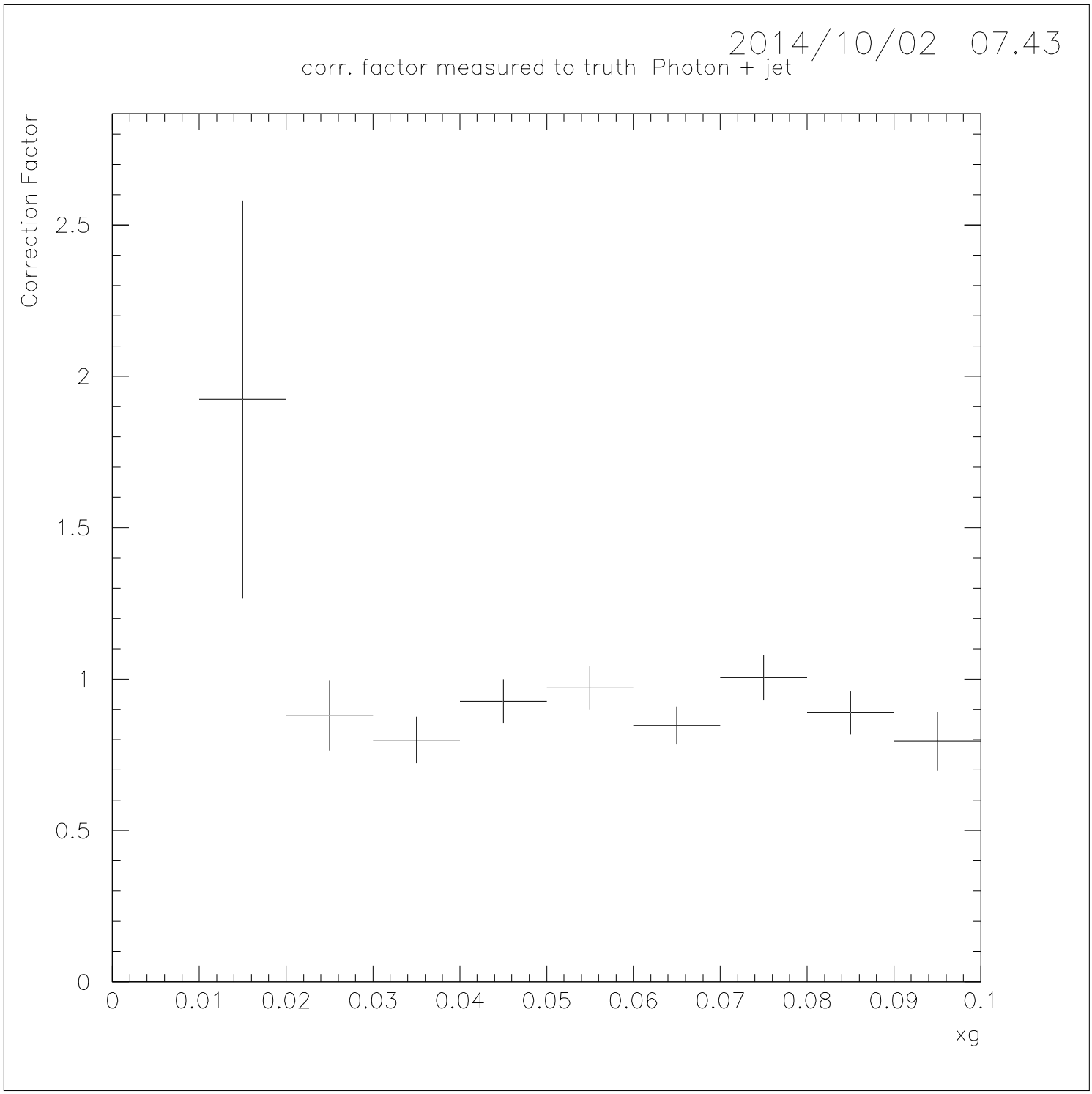


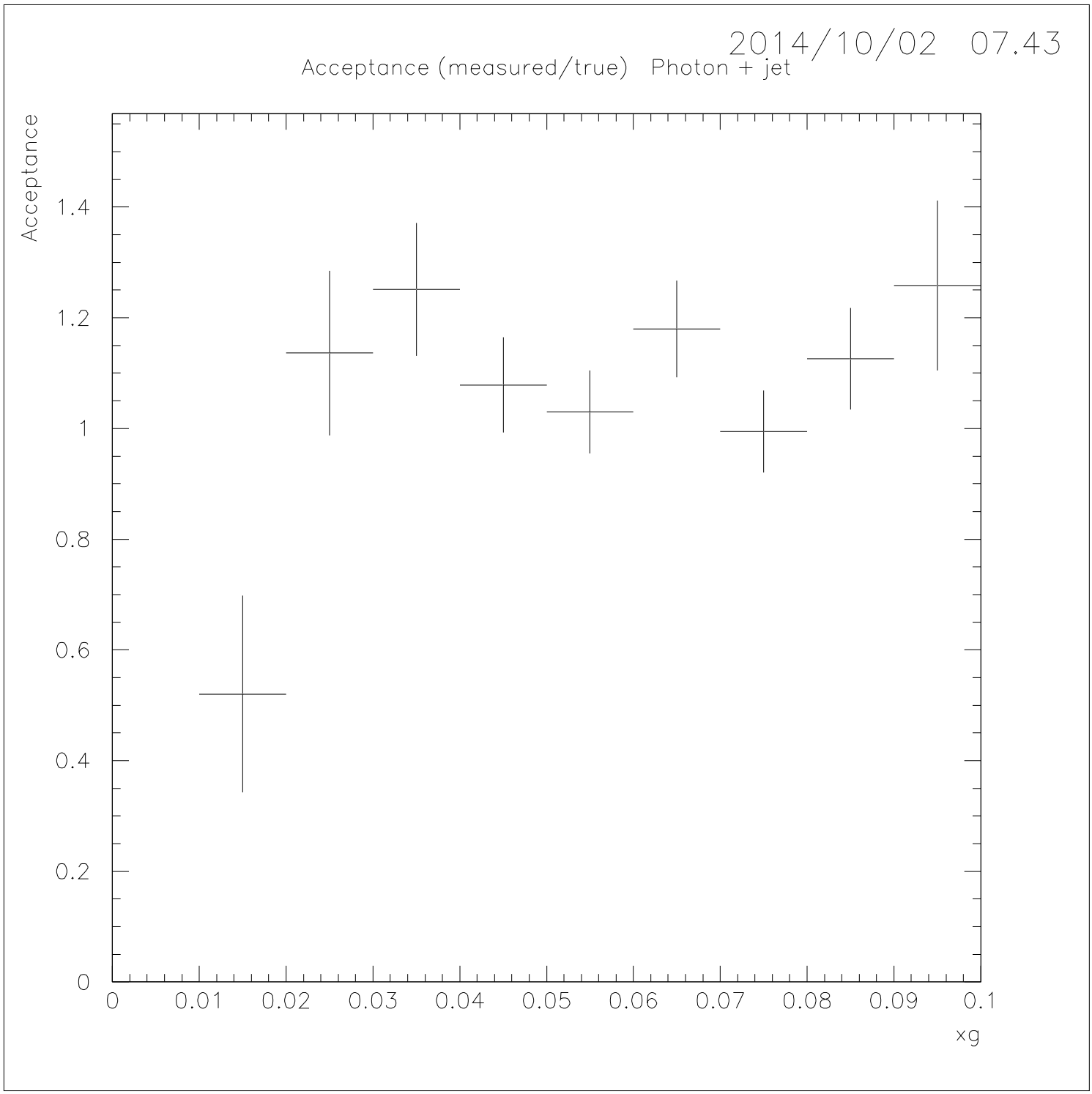

2014/10/02 07.43
Acceptance (measured/true) Photon + jet
Acceptance
1.2
1
0.8
0.6
0.4
0.2
0
−1
0
1
ETAj
Acceptance
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
10
20
30
Etj(GeV)

2014/10/02 07.43

Acceptance (measured/true) Photon + jet

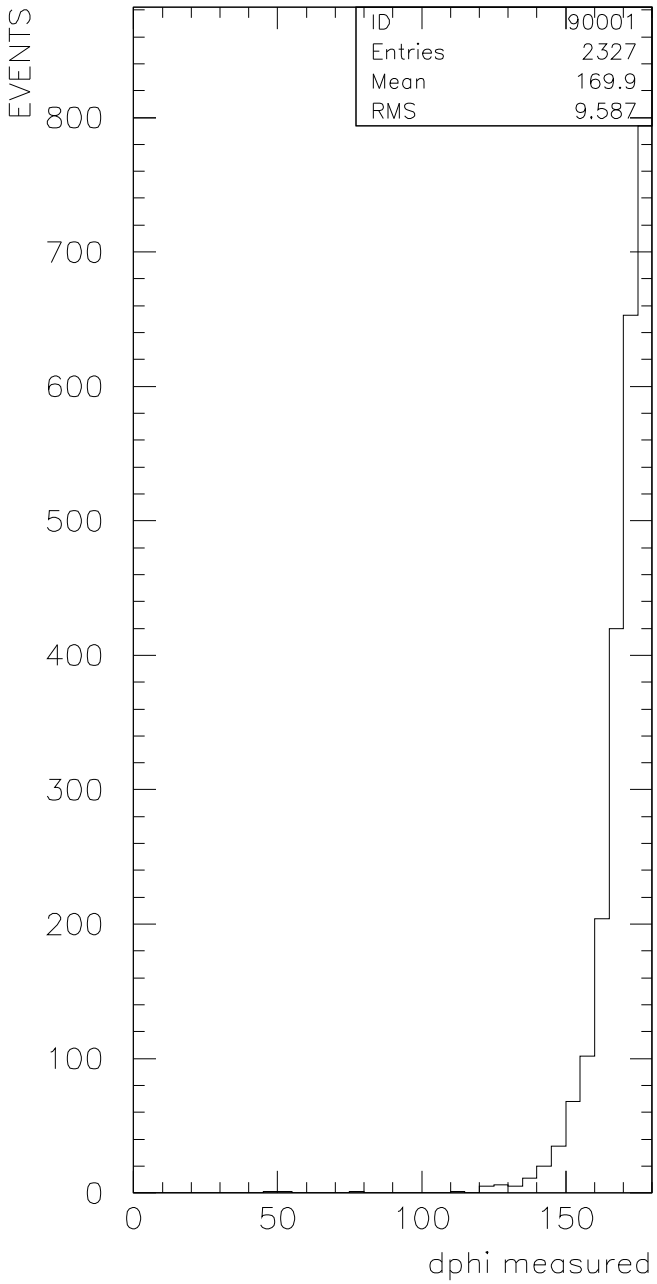


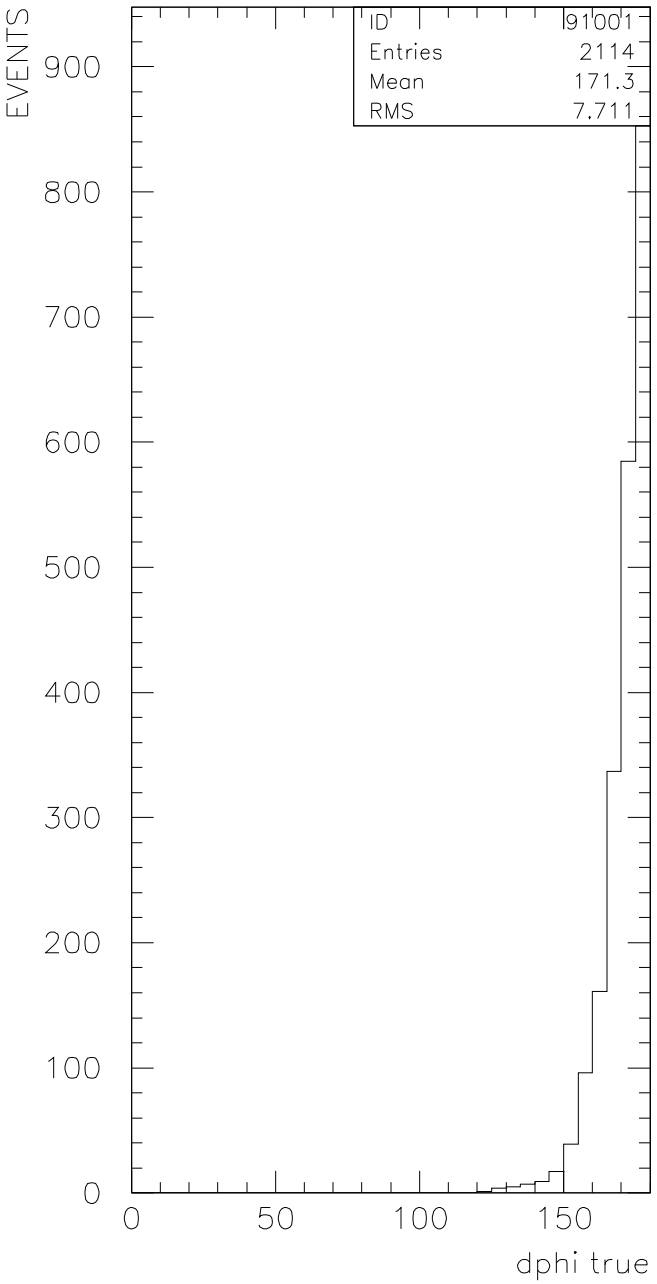

2014/10/02 07.43
corr. factor measured to truth Photon + jet
Correction Factor
2.5
2
1.5
1
0.5
0
0
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
0.09
0.1
xg

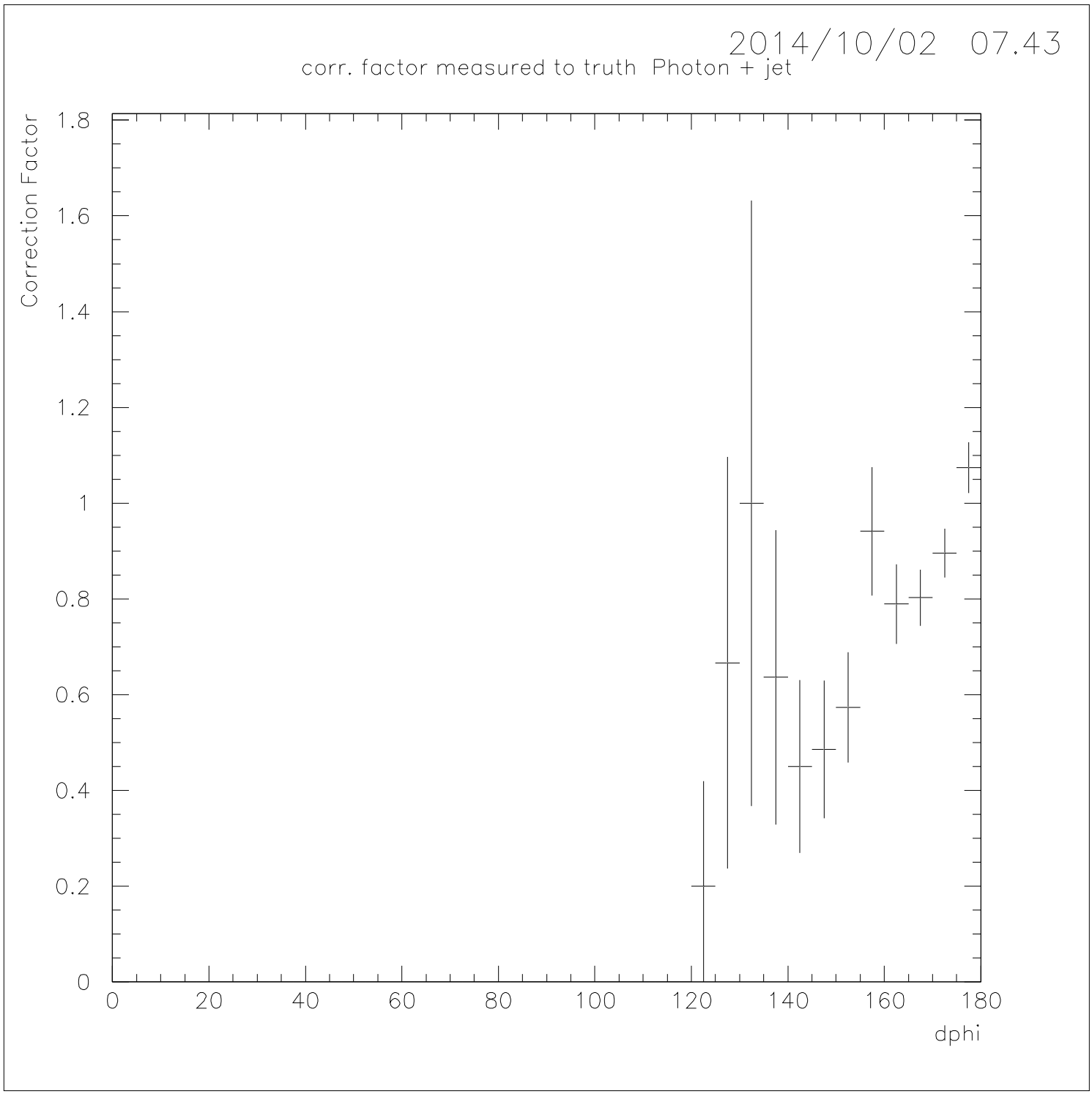

2014/10/02 07.43
Acceptance (measured/true) Photon + jet
Acceptance
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
0.09
0.1
xg

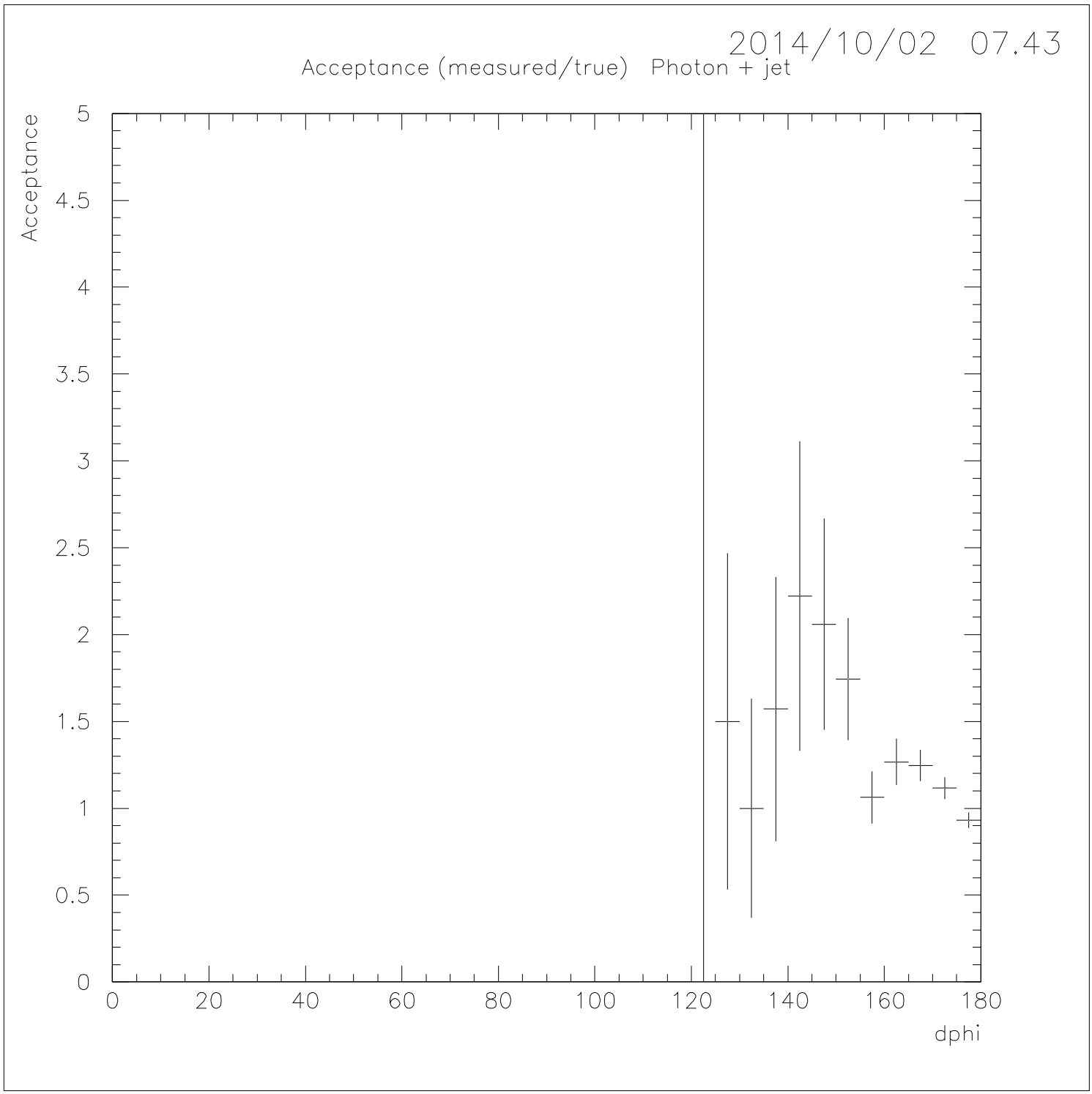
2014/10/02 07.43

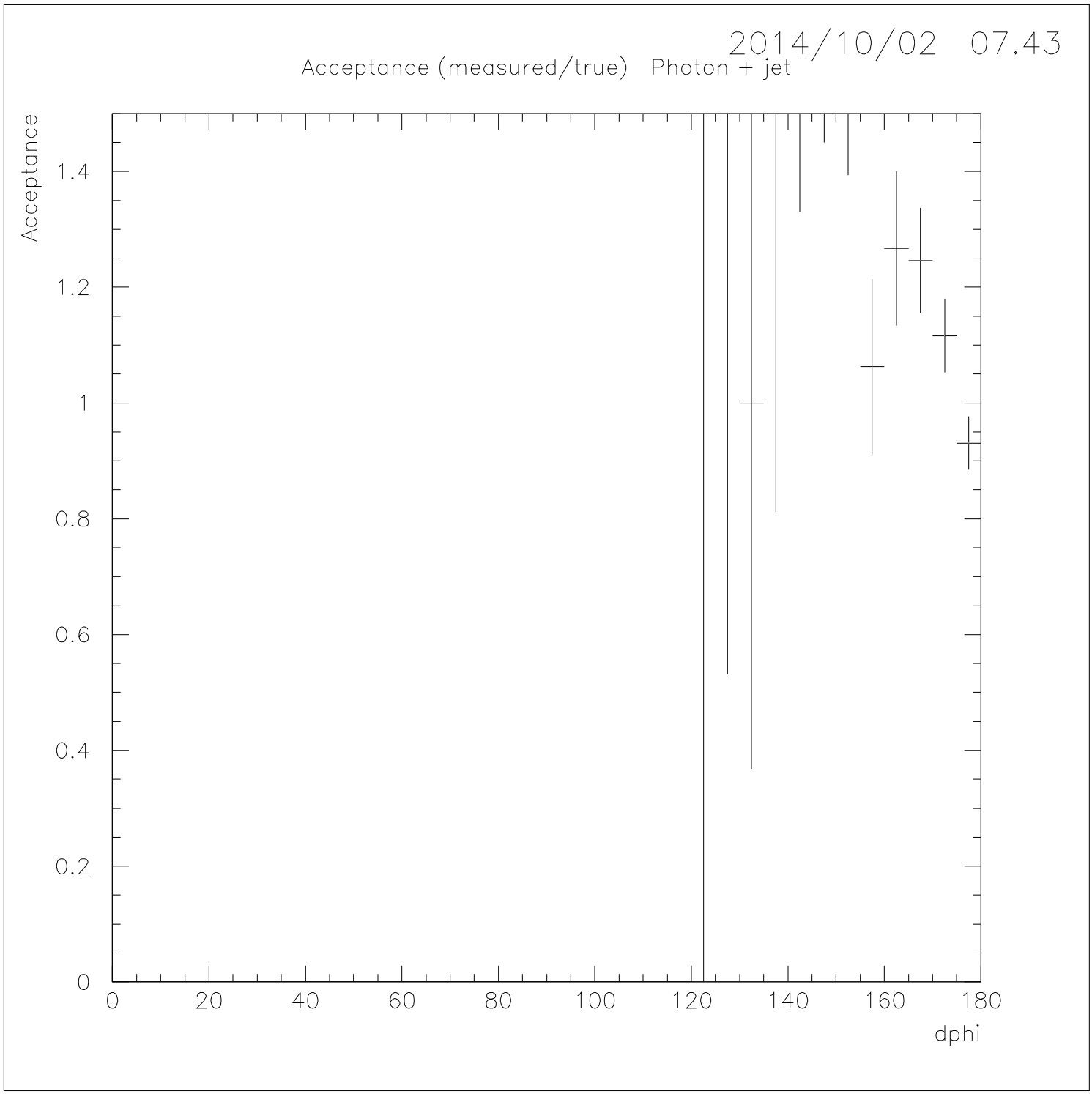
Acceptance (measured/true) Photon + jet





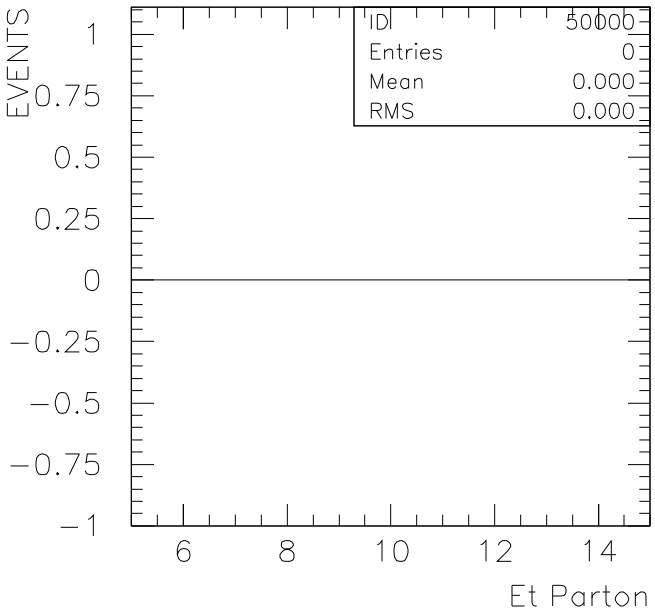

2014/10/02 07.43
corr. factor measured to truth Photon + jet
Correction Factor
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
20
40
60
80
100
120
140
160
180
dphi

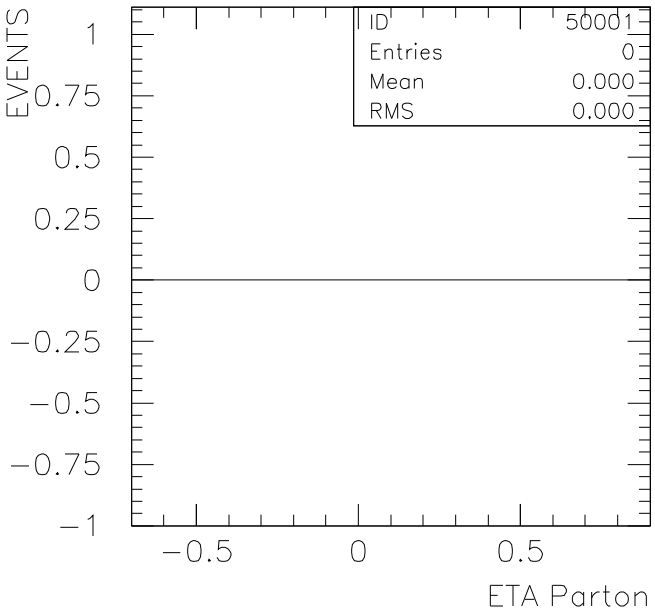

2014/10/02 07.43
Acceptance (measured/true) Photon + jet
Acceptance
5
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
0
20
40
60
80
100
120
140
160
180
dphi

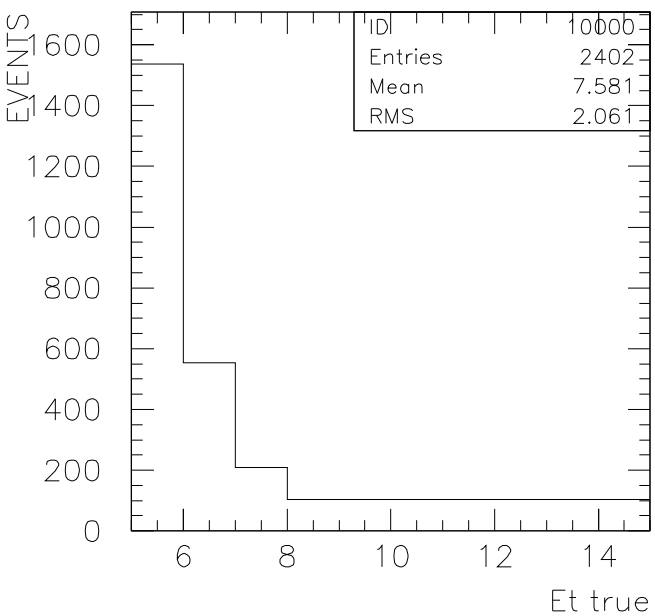

2014/10/02 07.43
Acceptance (measured/true) Photon + jet
Acceptance
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
20
40
60
80
100
120
140
160
180
dphi

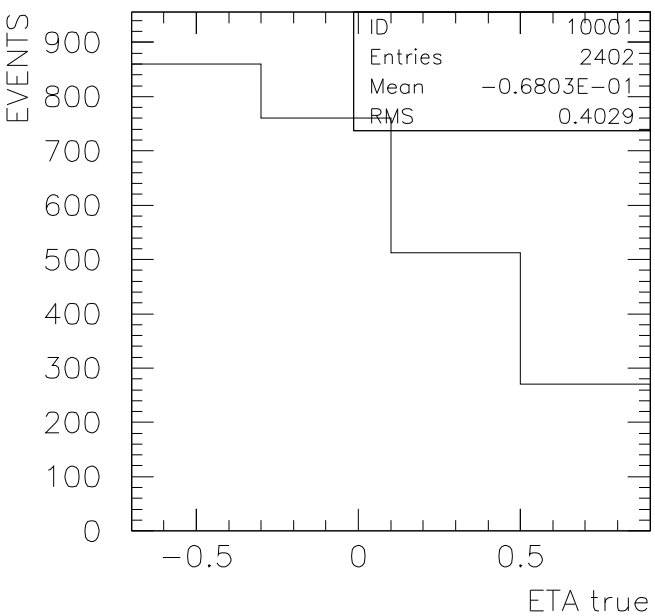
2014/10/02 07.43

inclusive Parton−True



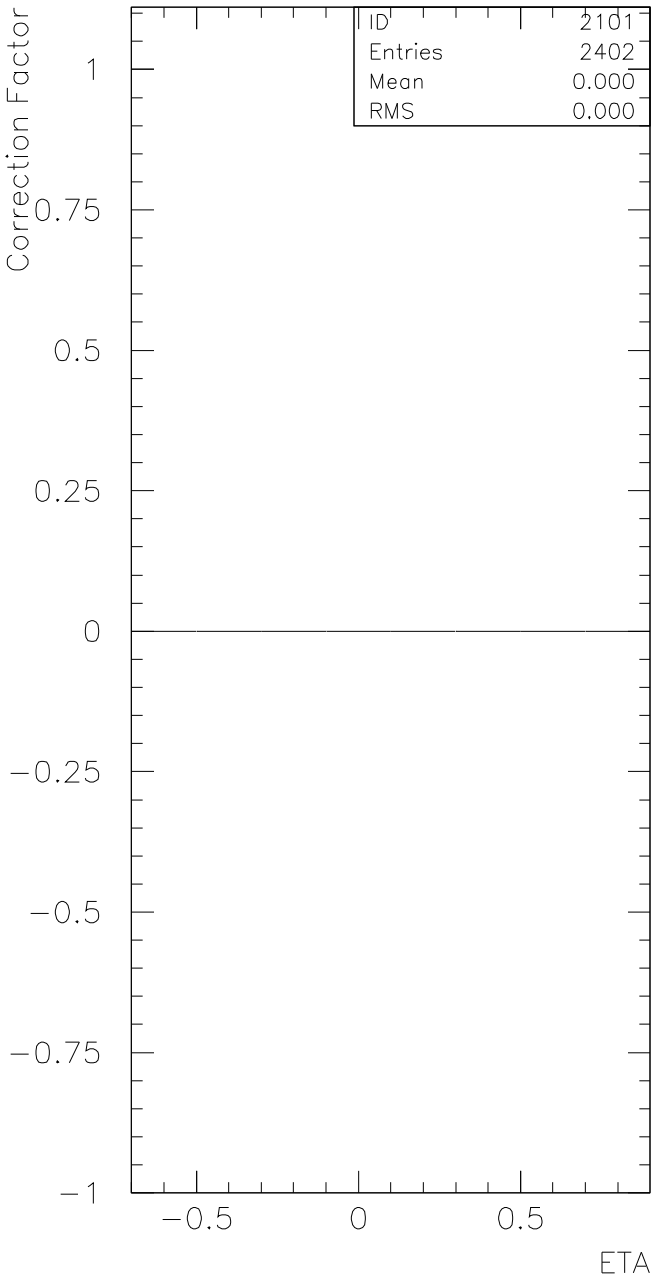


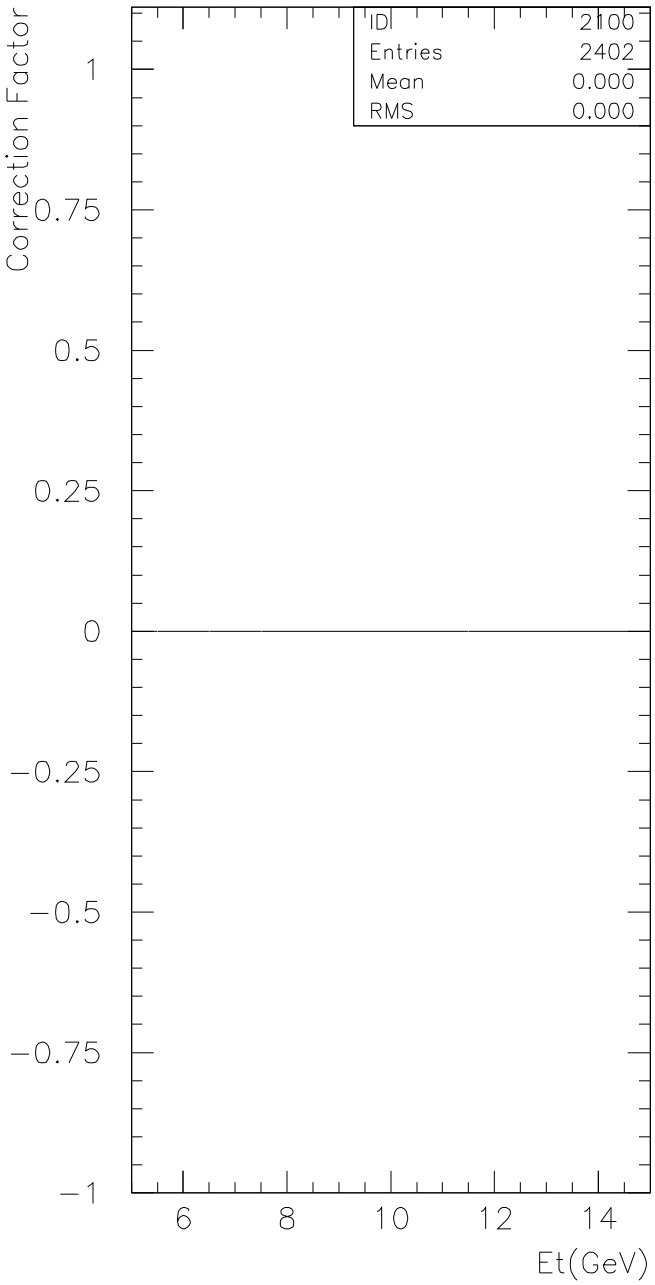




2014/10/02 07.43

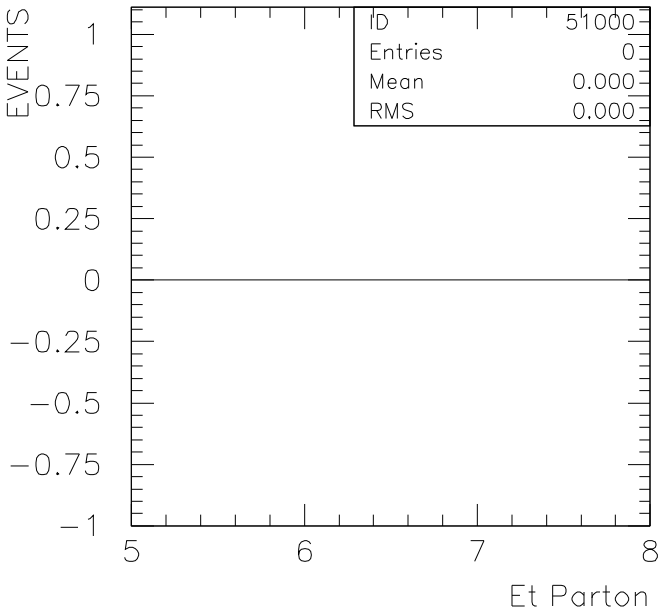
corr. factor truth to parton inclusive

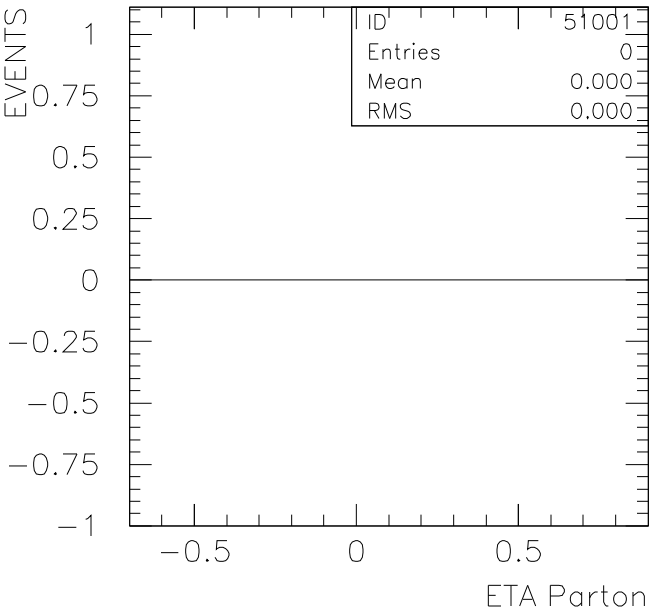


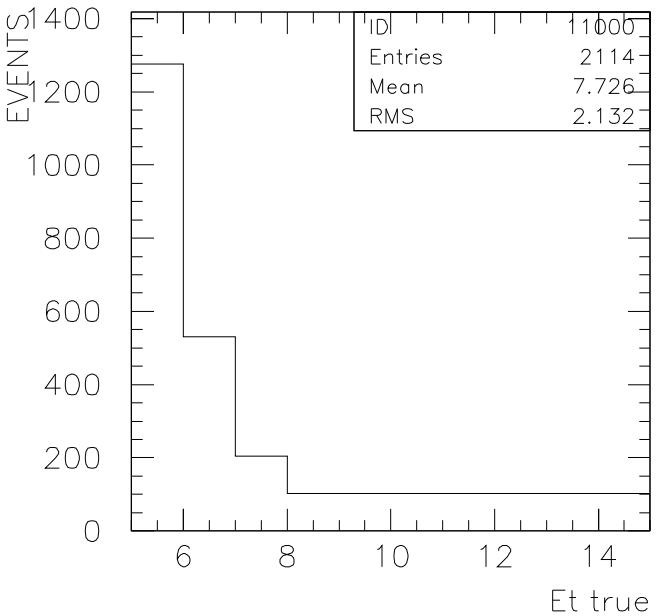


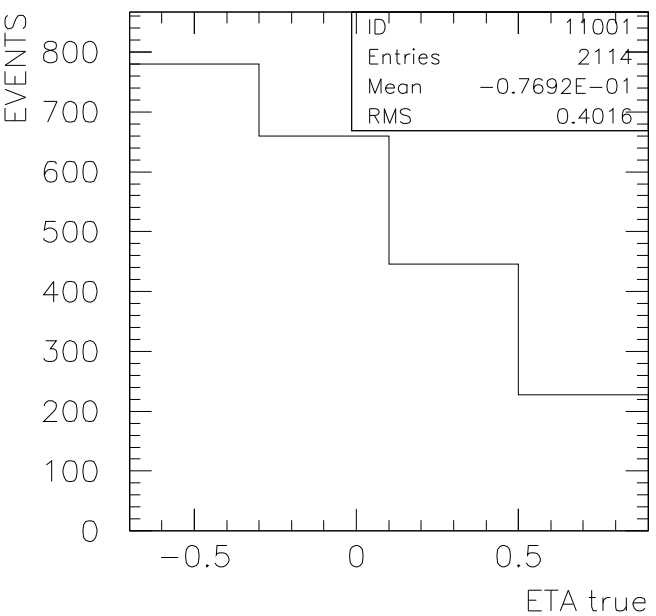
2014/10/02 07.43

Photon + Jet, Parton−True



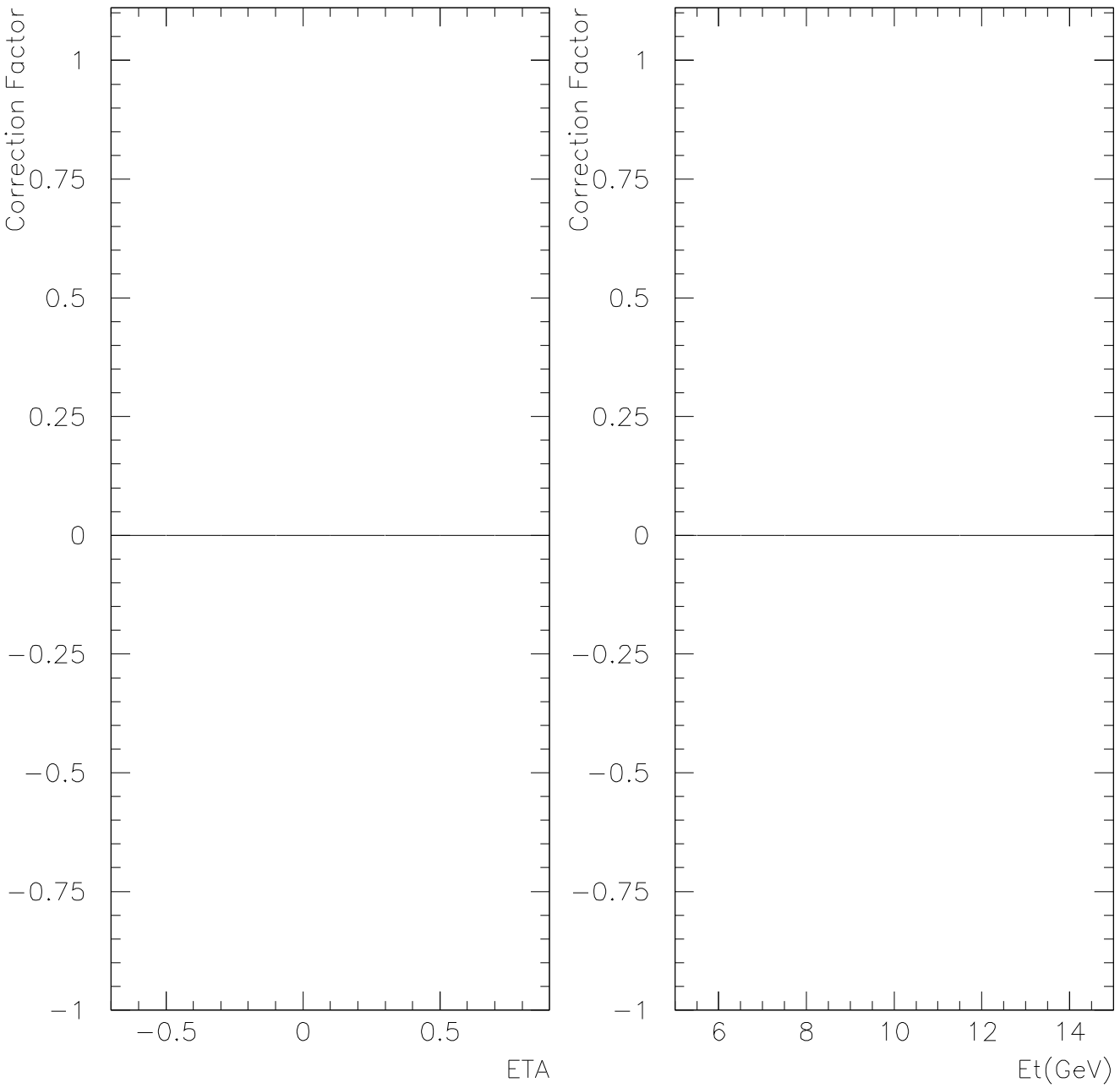






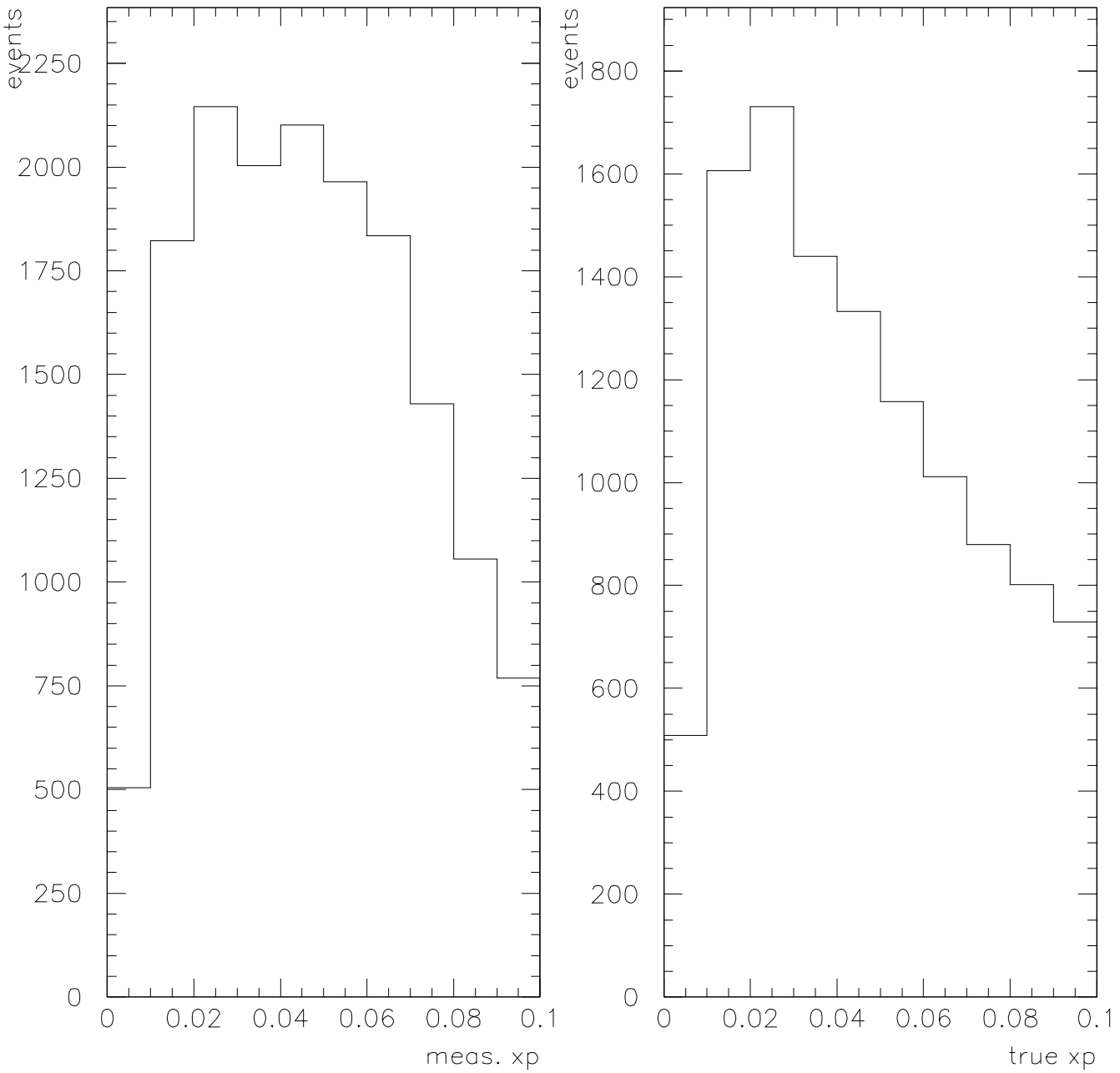
2014/10/02 07.43

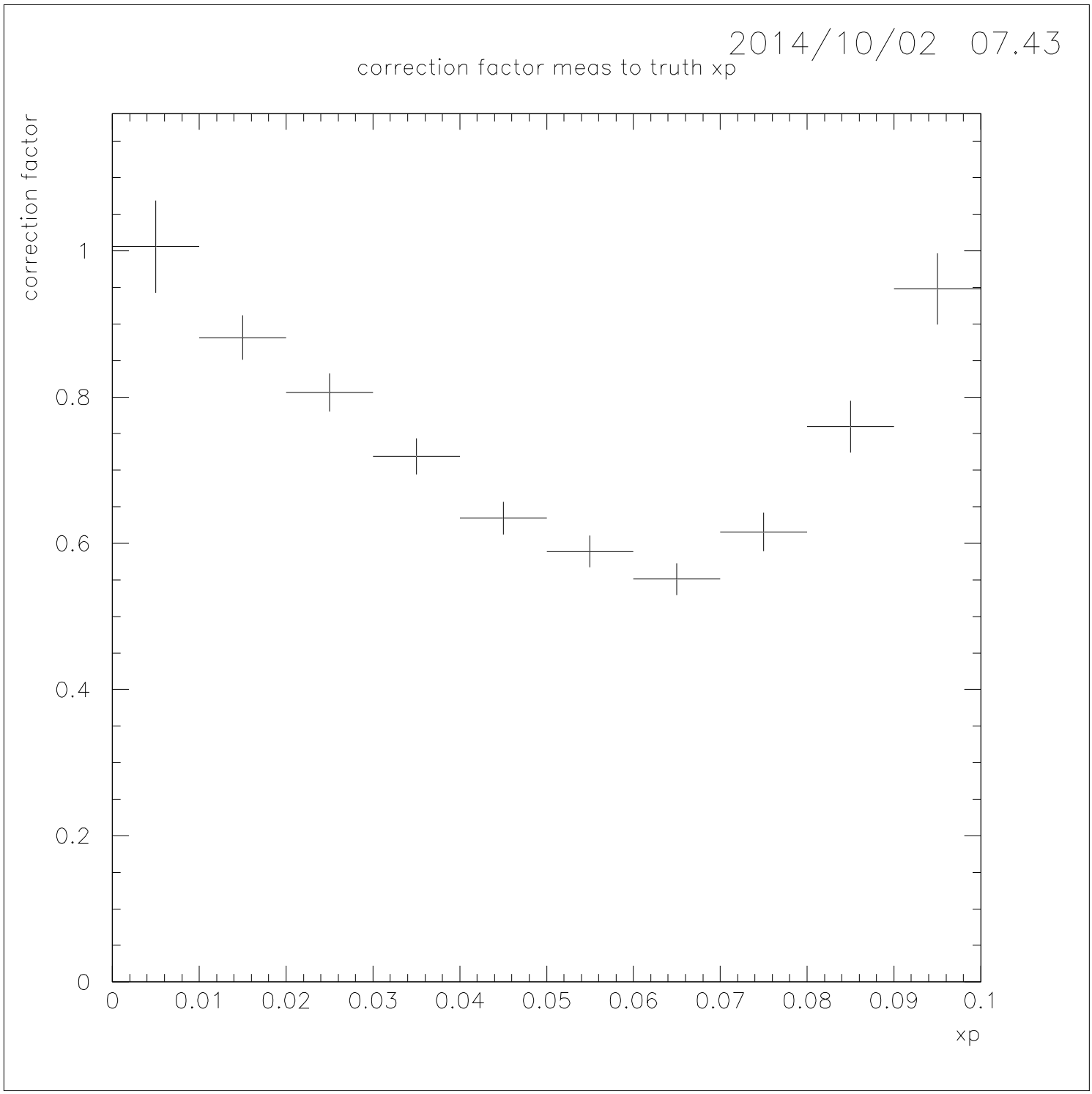
corr. factor truth to parton Photon + Jet

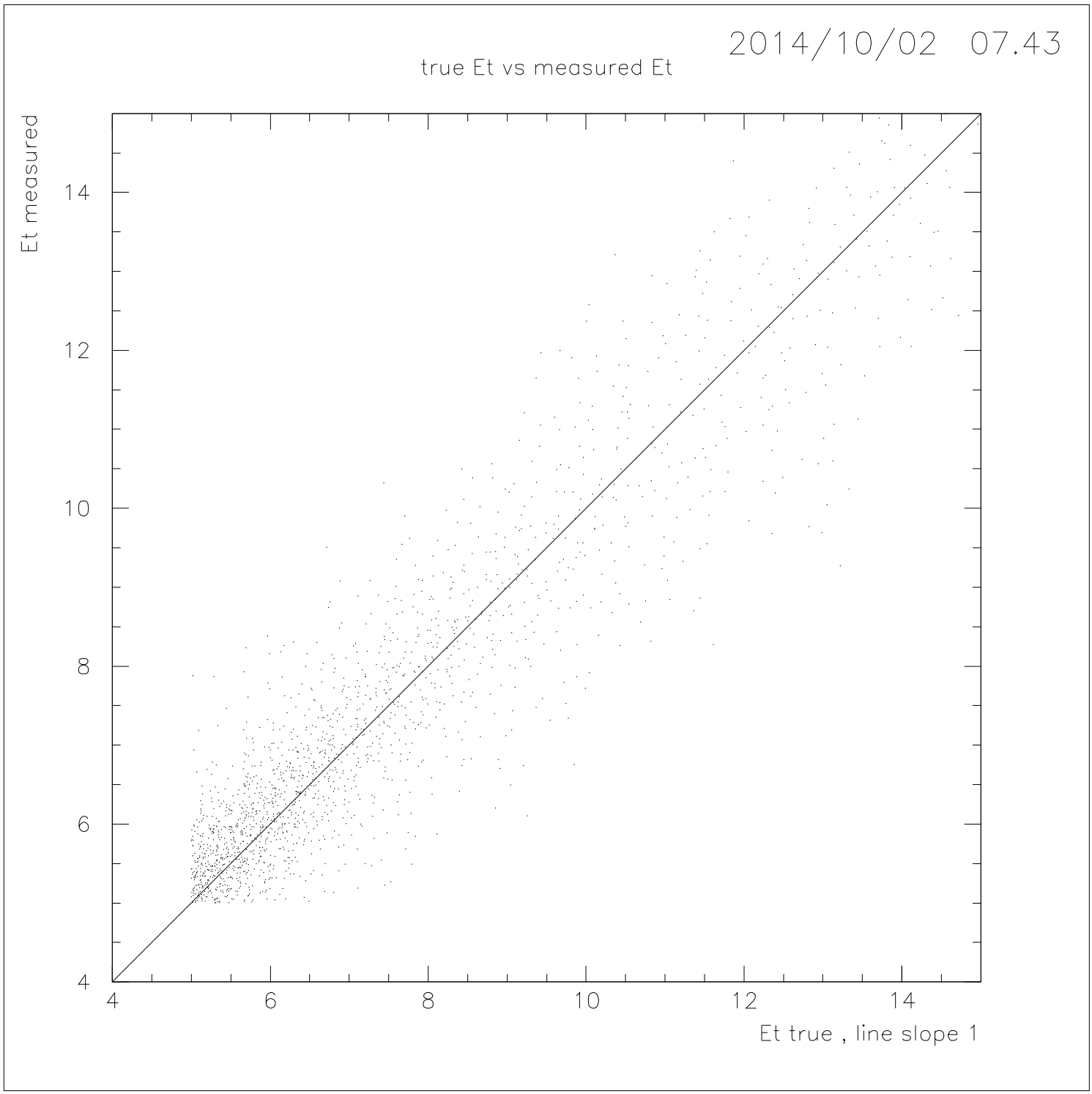


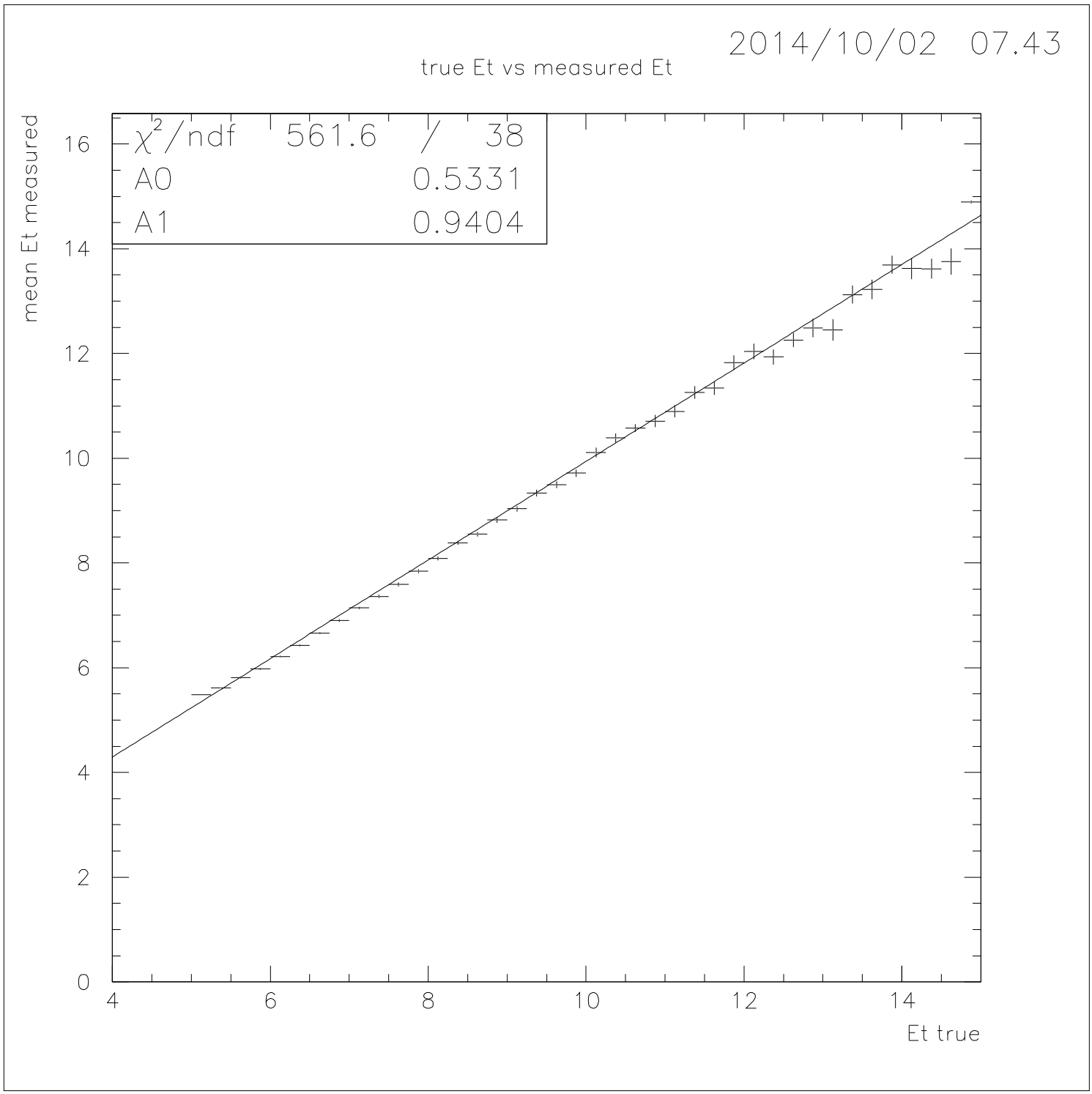
2014/10/02 07.43

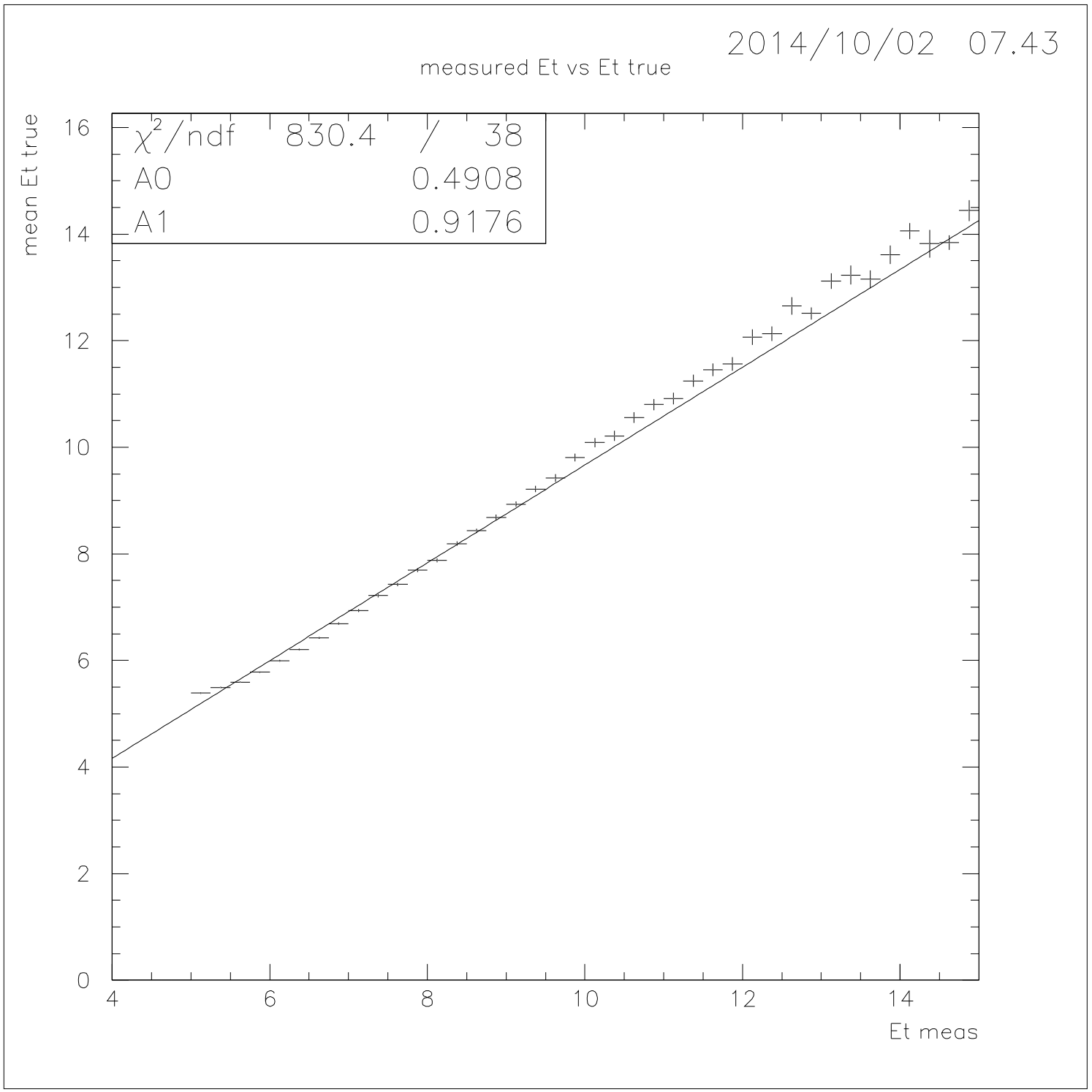
correction factor meas to truth xp




2014/10/02 07.43
correction factor meas to truth xp
correction factor
1
0.8
0.6
0.4
0.2
0
0
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
0.09
0.1
xp


2014/10/02 07.43
true Et vs measured Et
Et measured
14
12
10
8
6
4
4
6
8
10
12
14
Et true , line slope 1


2014/10/02 07.43
true Et vs measured Et
χ²/ndf 561.6 / 38
A0 0.5331
A1 0.9404
mean Et measured
Et true
0
2
4
6
8
10
12
14
16
4
6
8
10
12
14


2014/10/02 07.43
measured Et vs Et true
χ²/ndf 830.4 / 38
A0 0.4908
A1 0.9176
mean Et true
Et meas
0
2
4
6
8
10
12
14
16
4
6
8
10
12
14