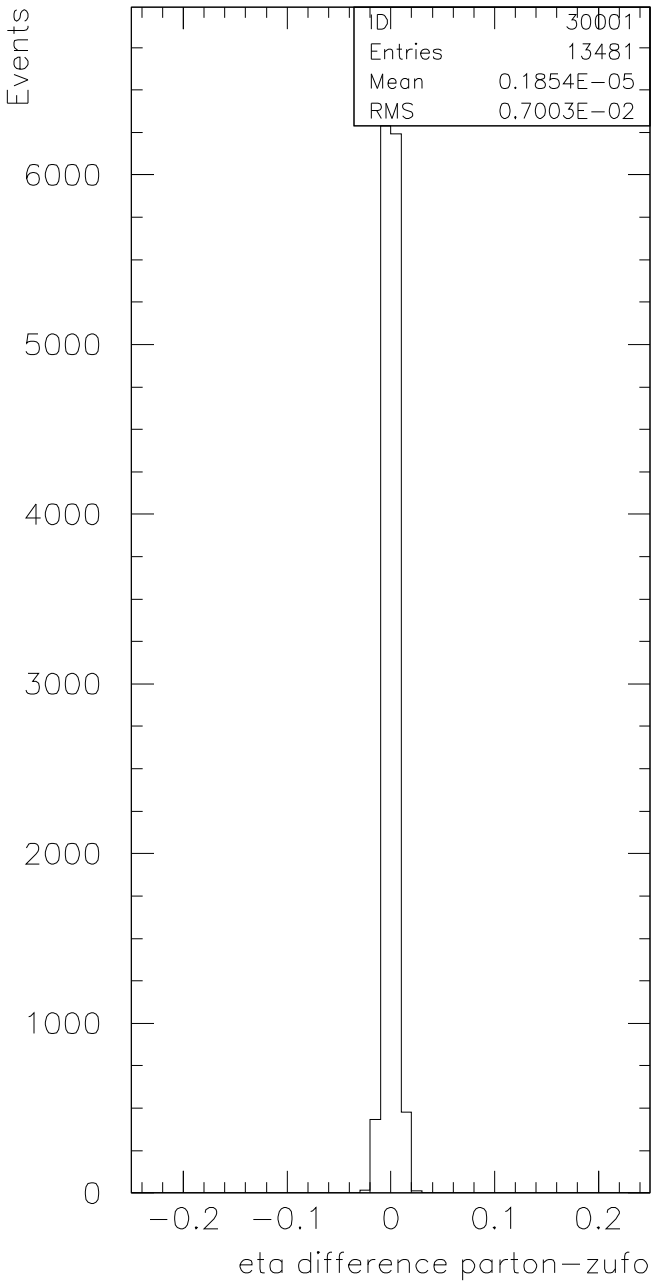
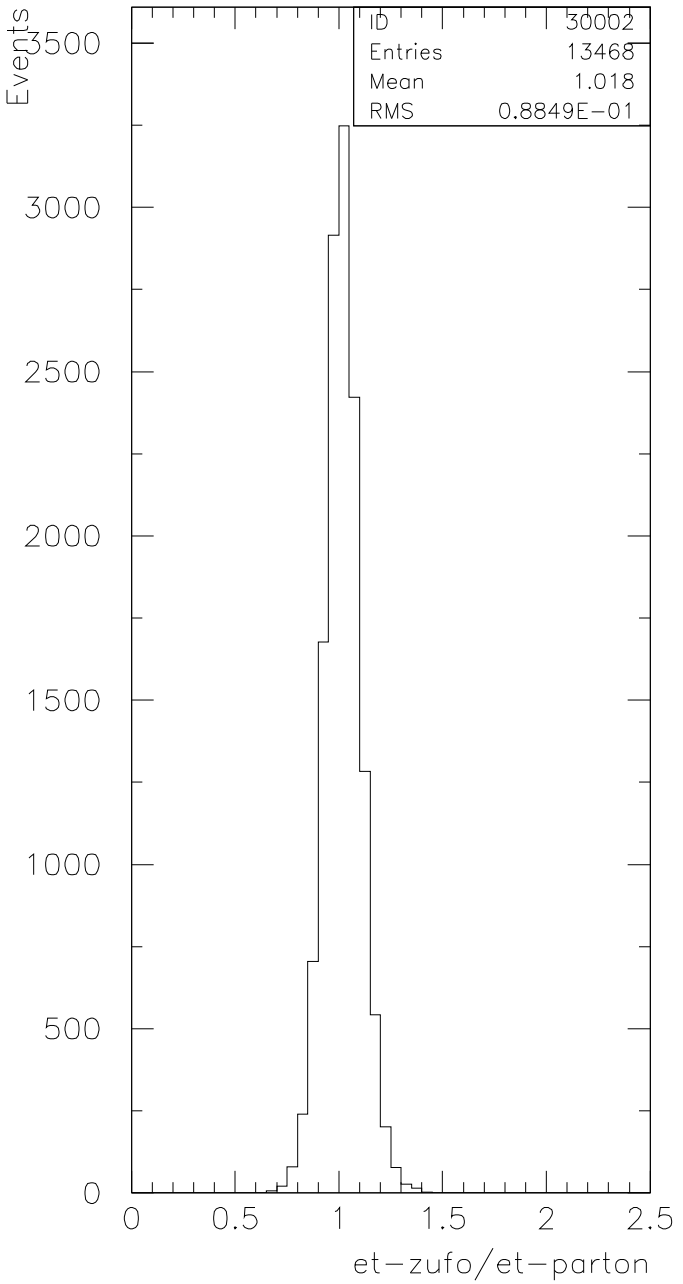
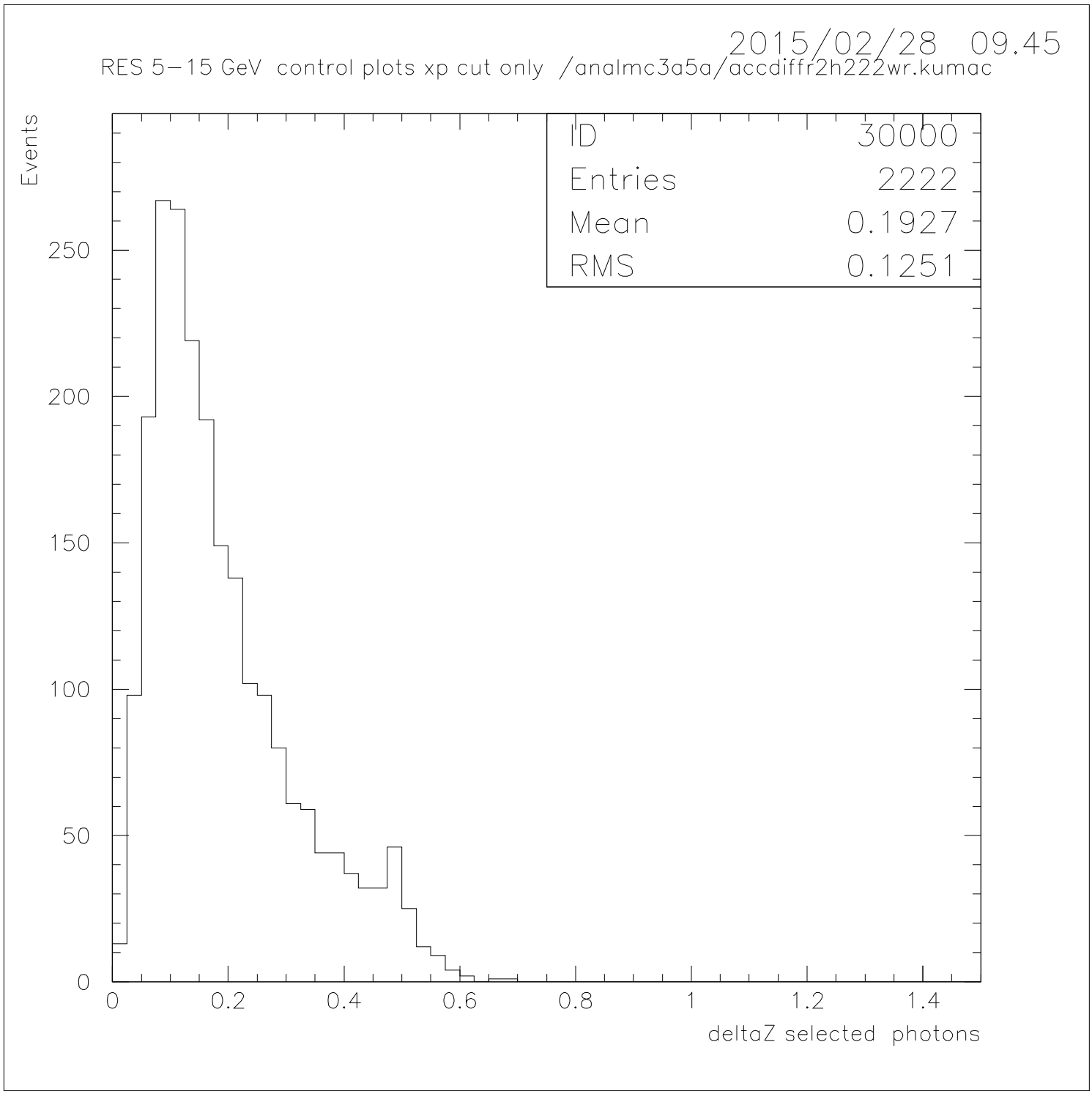
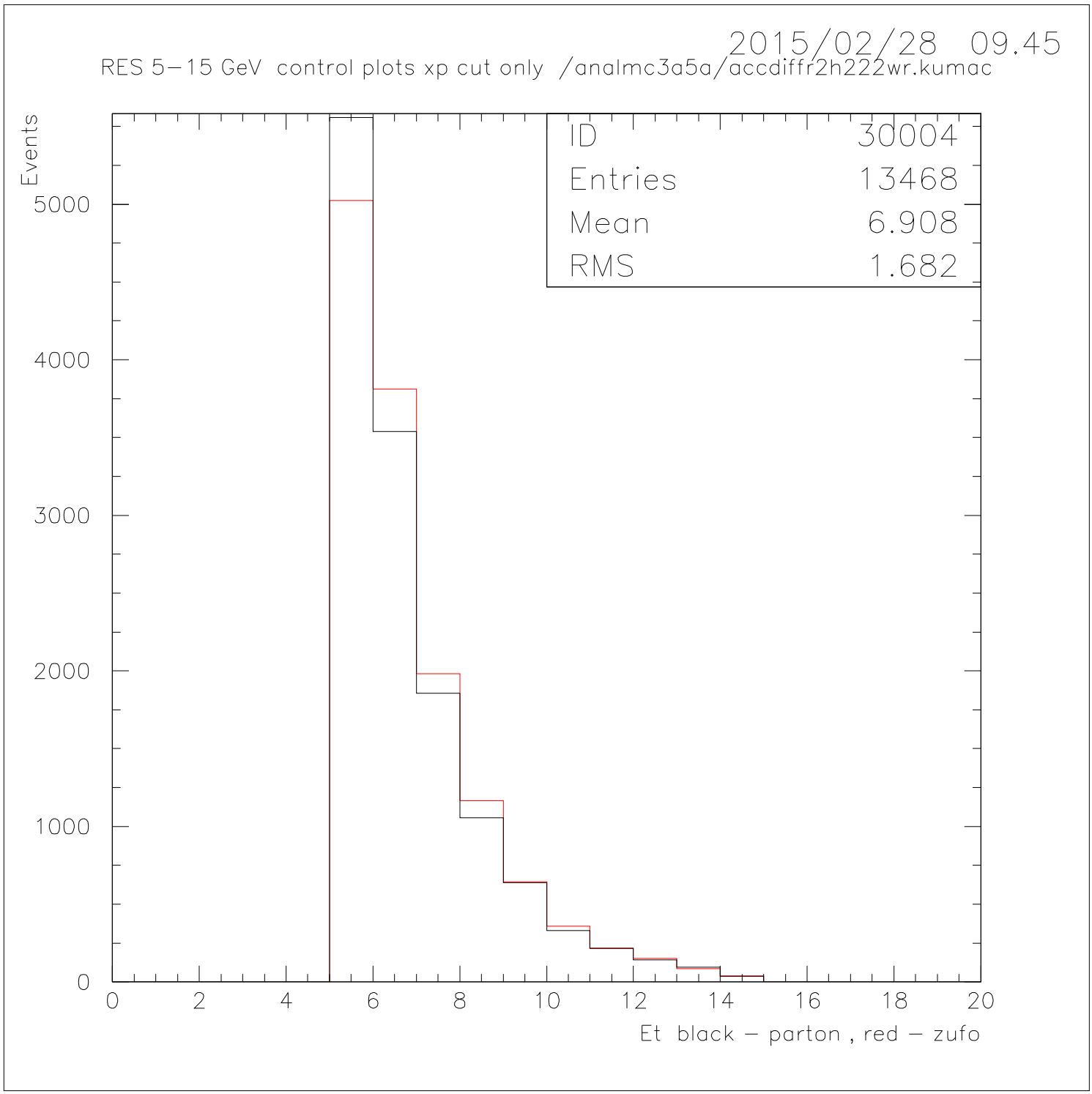
2015/02/28 09.45

RES 5−15 GeV control plots xp cut only /analmc3a5a/accdiffr2h222wr.kumac



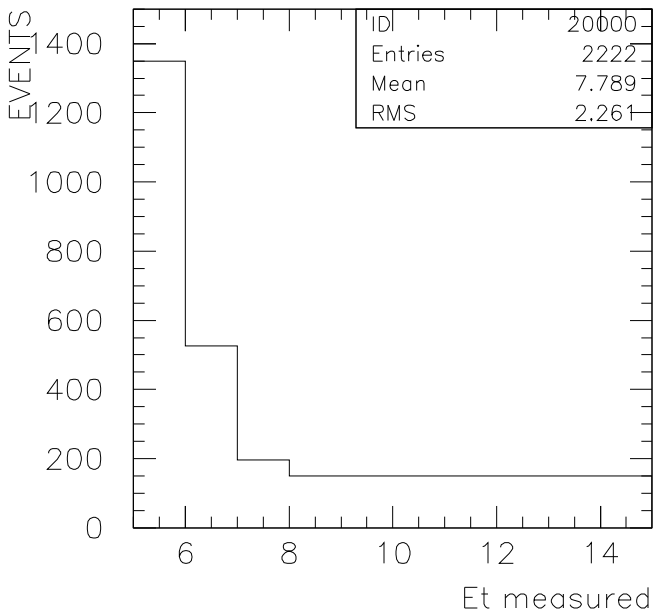


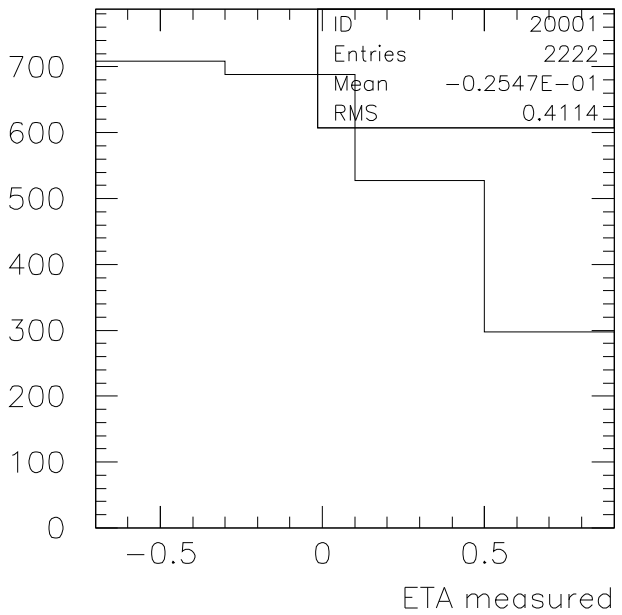

2015/02/28 09.45
RES 5−15 GeV control plots xp cut only /analmc3a5a/accdiffr2h222wr.kumac
ID 30000
Entries 2222
Mean 0.1927
RMS 0.1251
Events
0
50
100
150
200
250
0
0.2
0.4
0.6
0.8
1
1.2
1.4
deltaZ selected photons

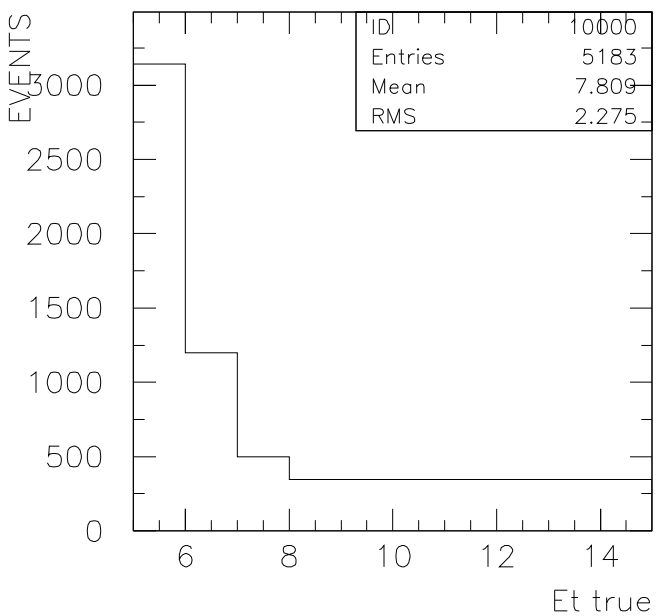

2015/02/28 09.45
RES 5−15 GeV control plots xp cut only /analmc3a5a/accdiffr2h222wr.kumac
ID 30004
Entries 13468
Mean 6.908
RMS 1.682
Events
5000
4000
3000
2000
1000
0
0
2
4
6
8
10
12
14
16
18
20
Et black − parton , red − zufo

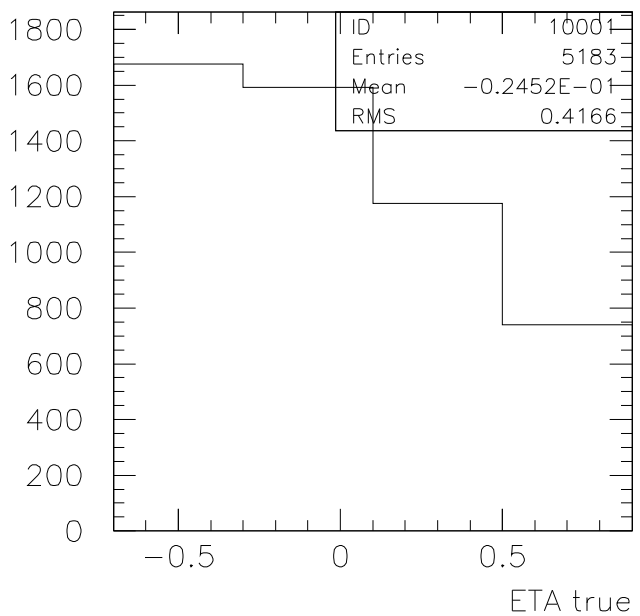
2015/02/28 09.45

inclusive accdiffd2h222wr.kumac



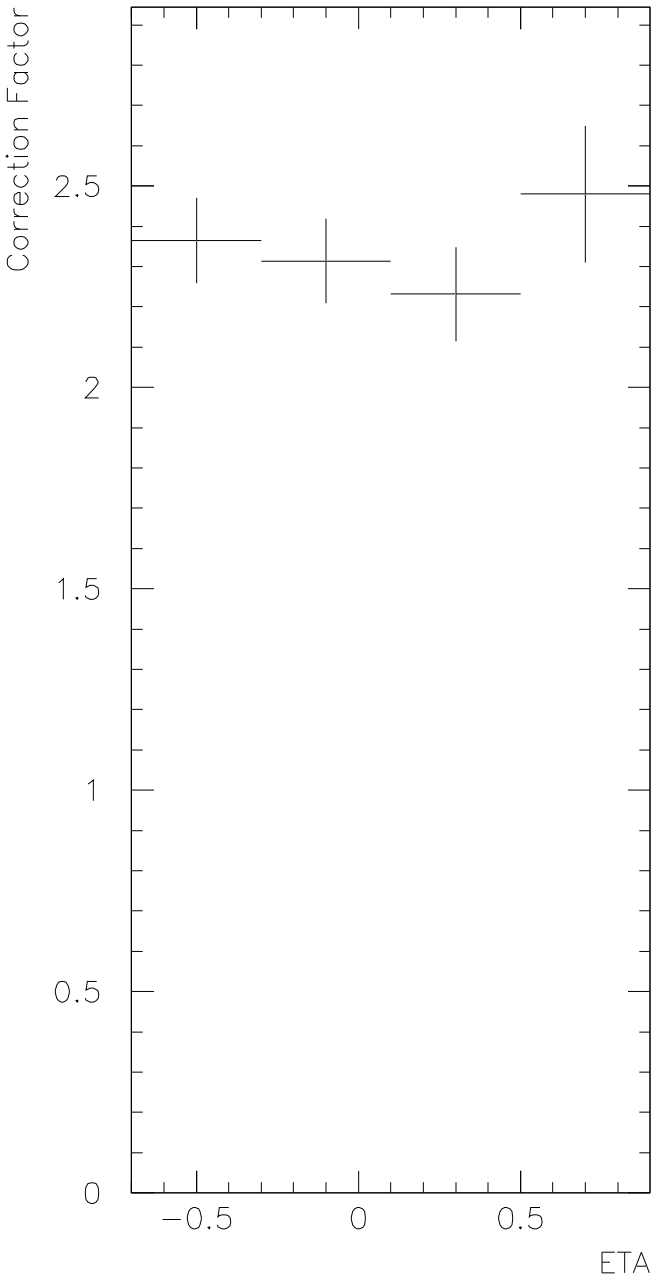


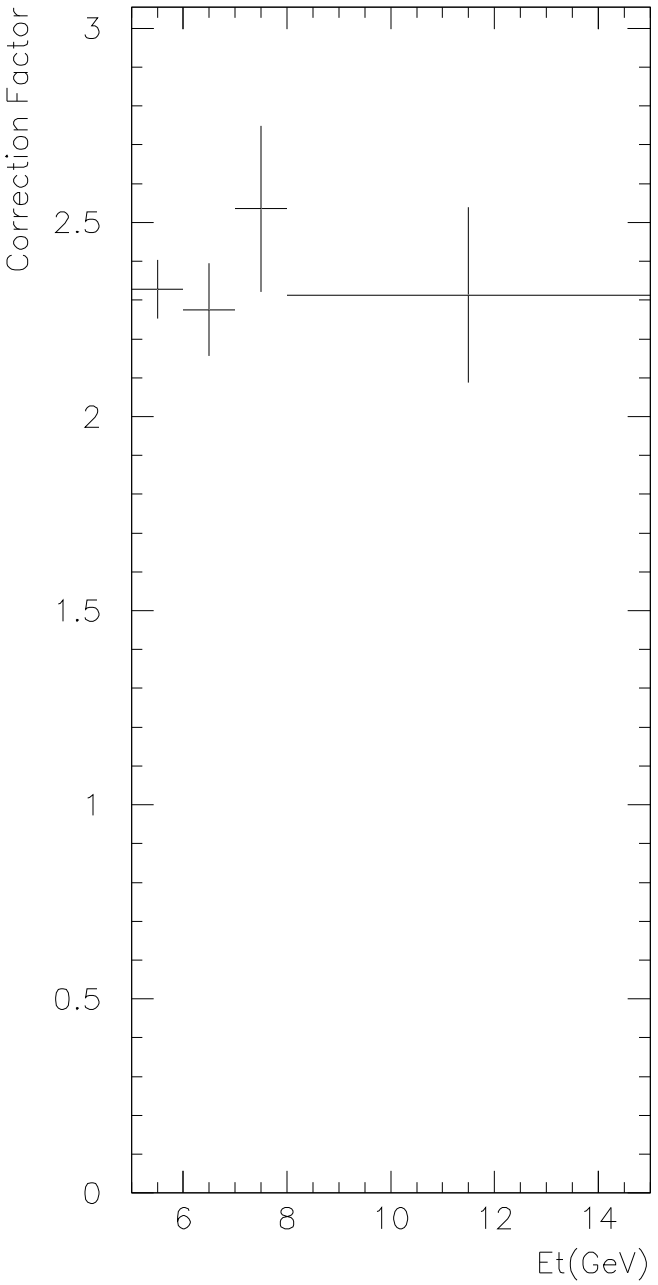




2015/02/28 09.45

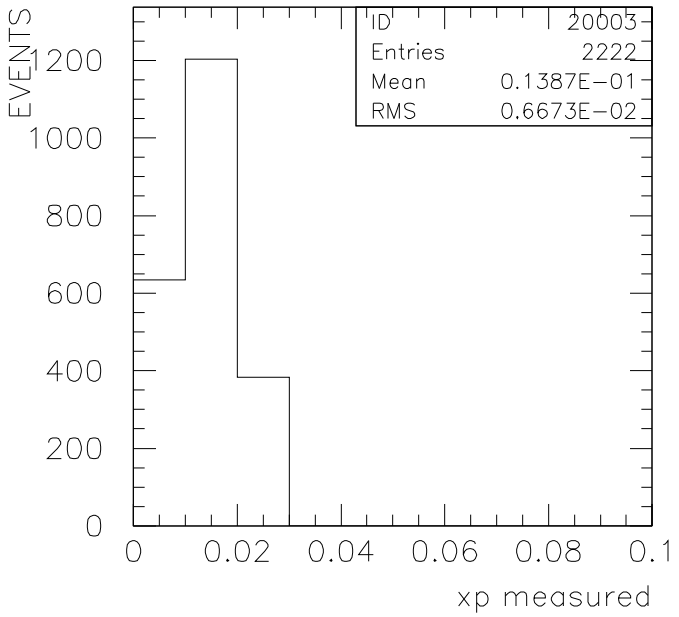
RES corr. factor measured to truth inclusive

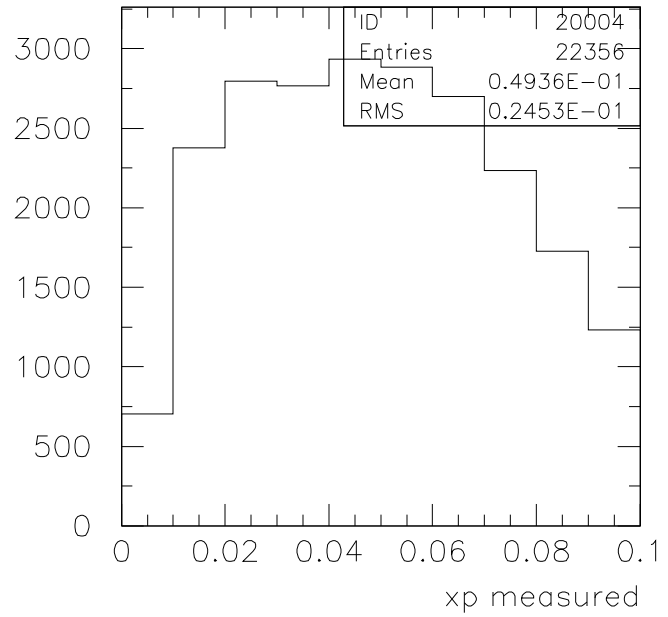


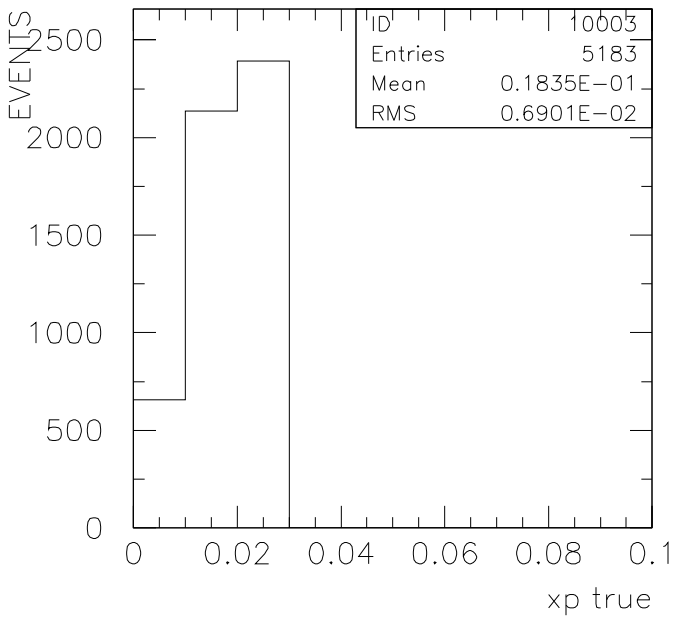


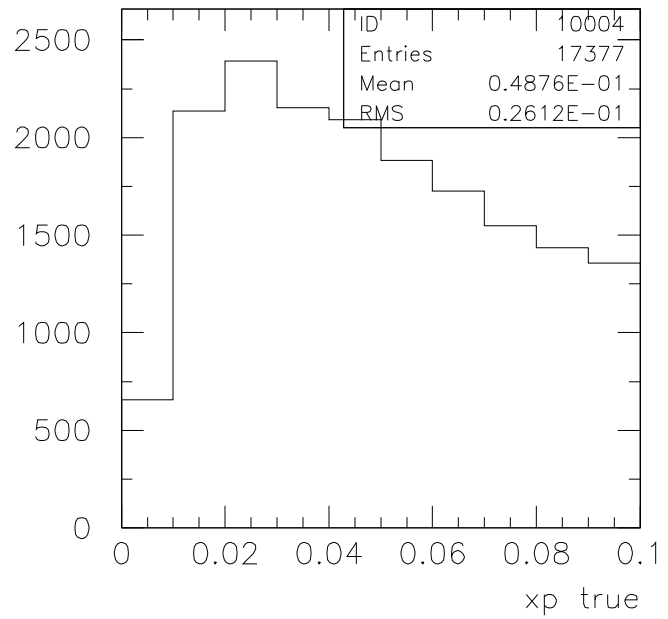
2015/02/28 09.45

inclusive accdiffd2h222.kumac



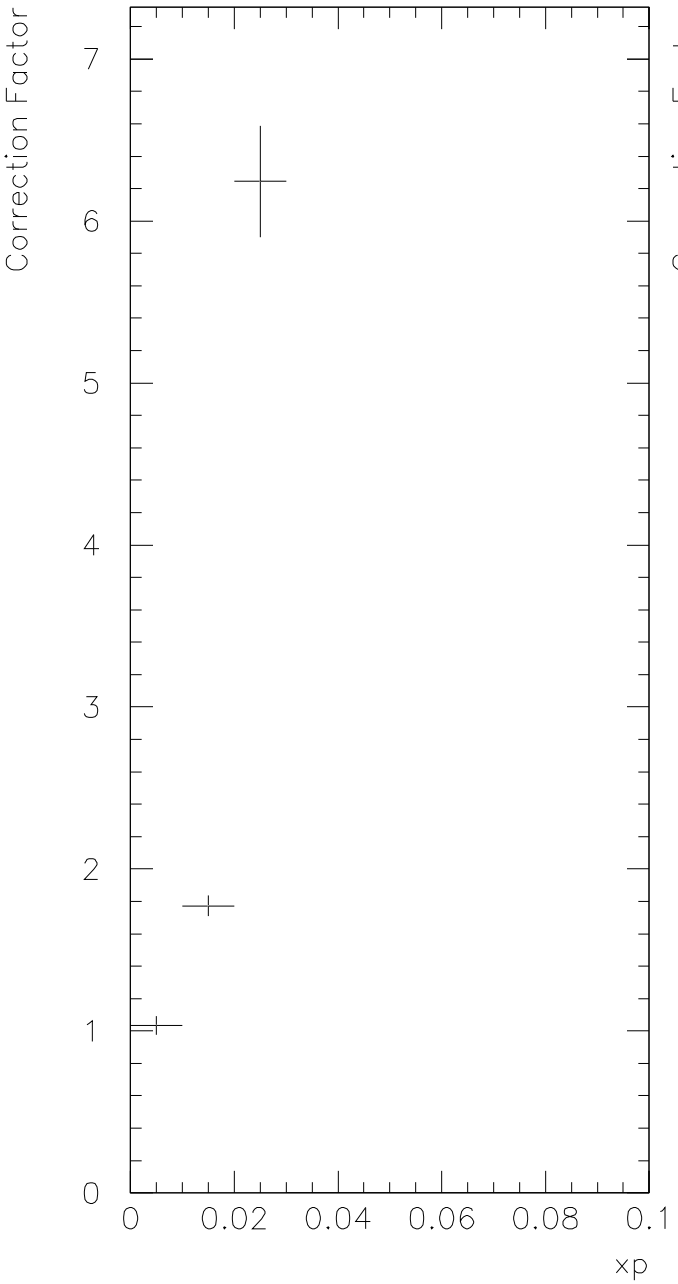


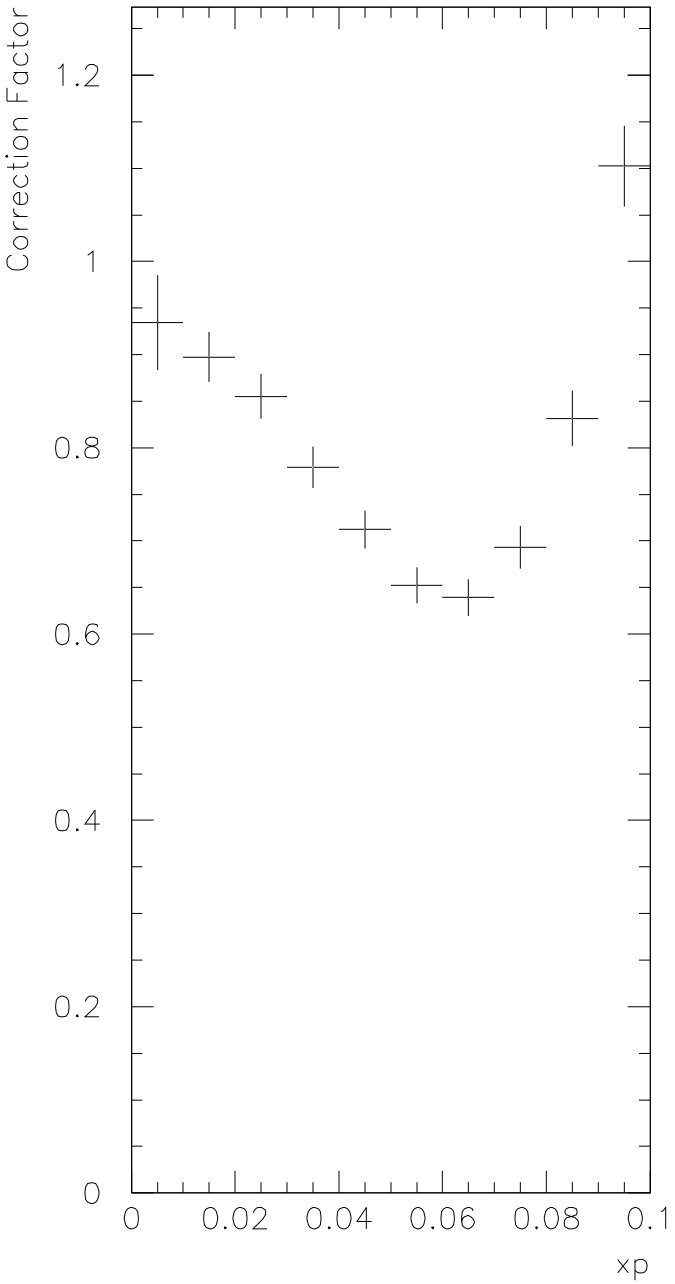




2015/02/28 09.45

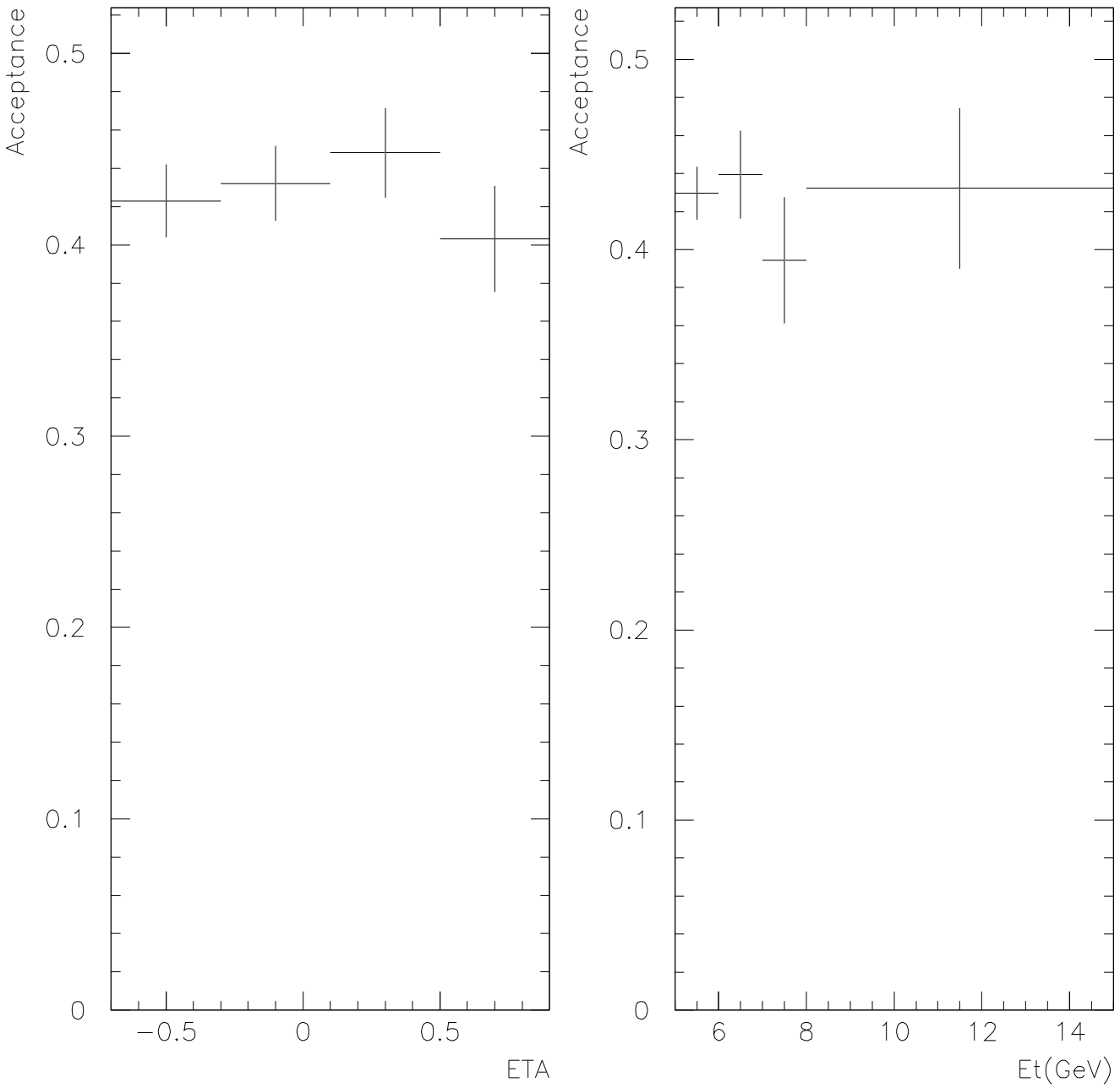
RES corr. factor measured to truth inclusive





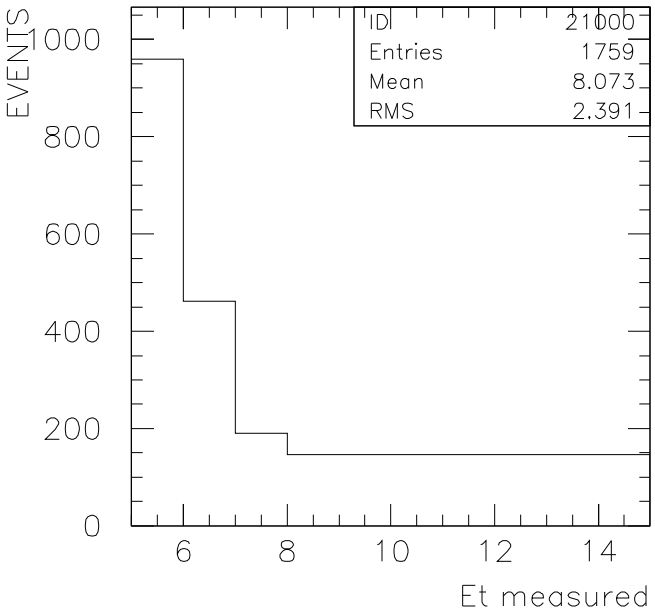
2015/02/28 09.45

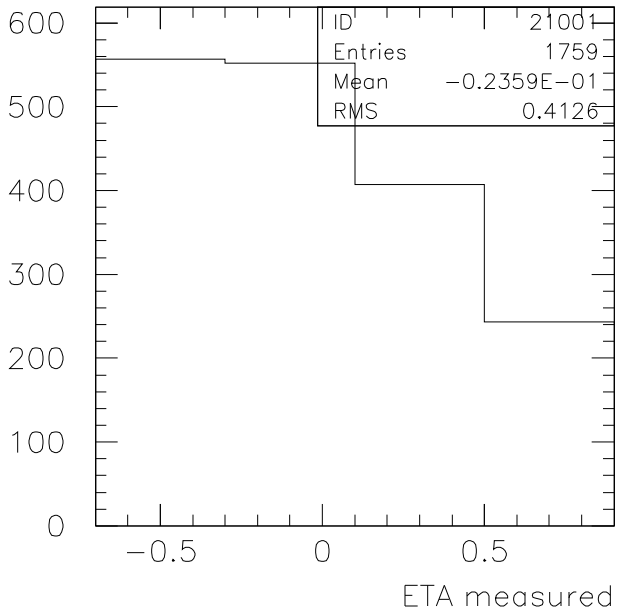
RES Acceptance (measured divided by truth) inclusive

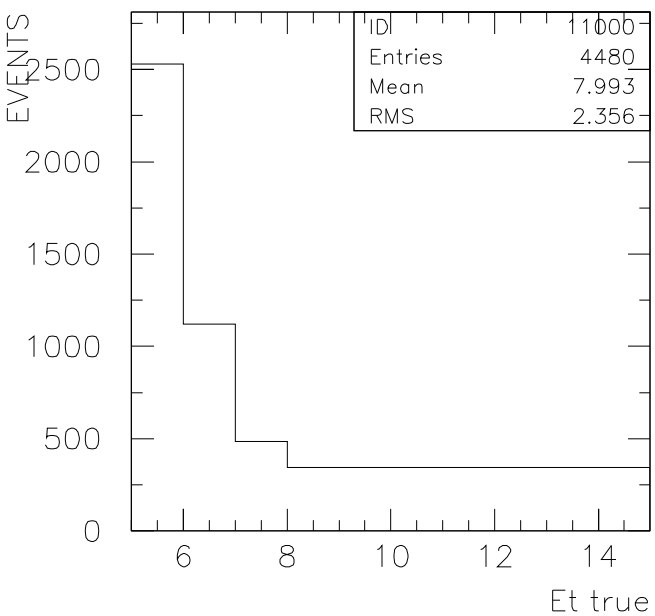


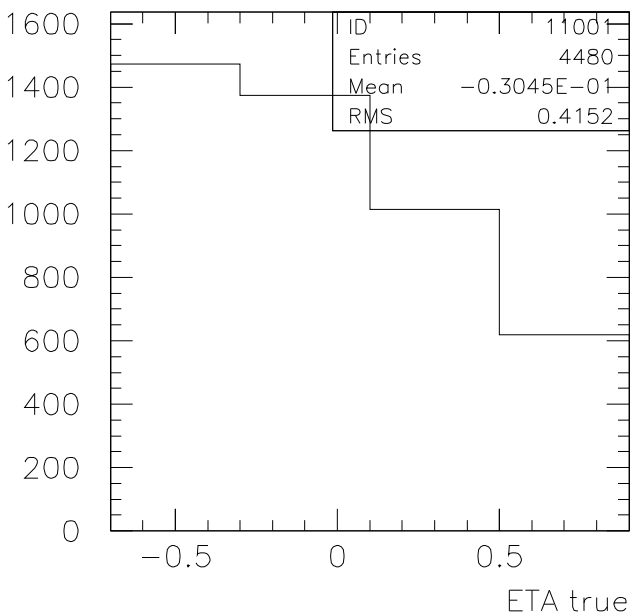
2015/02/28 09.45

Photon + jet



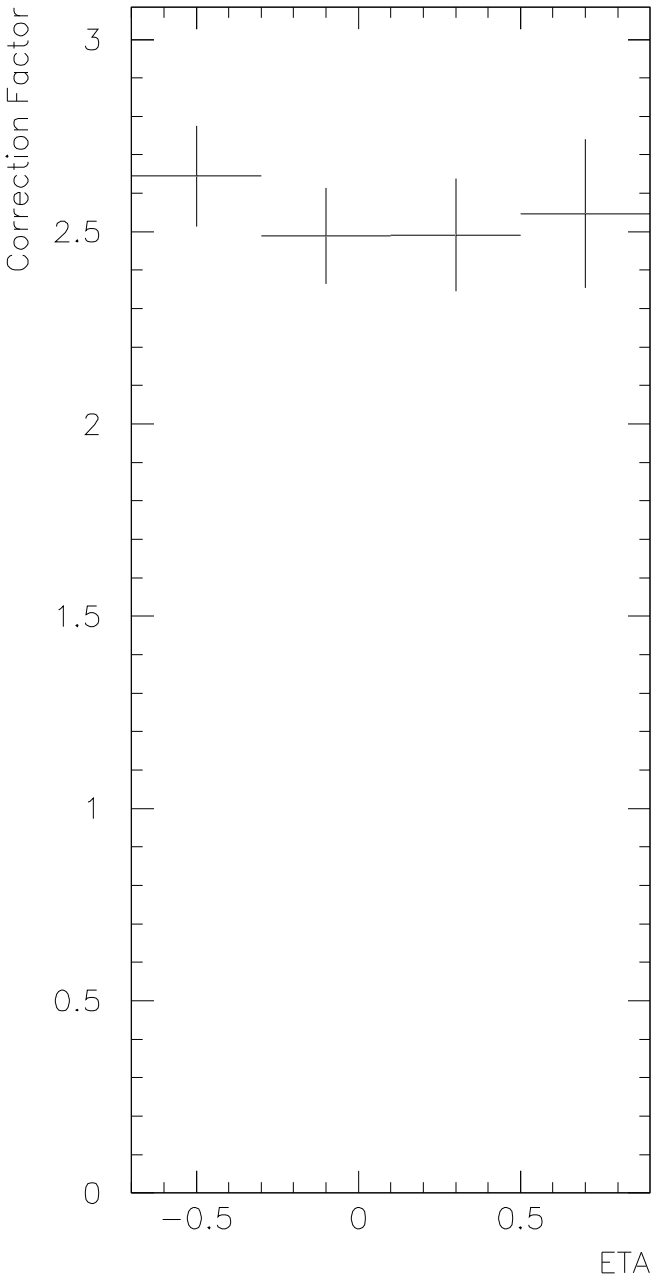


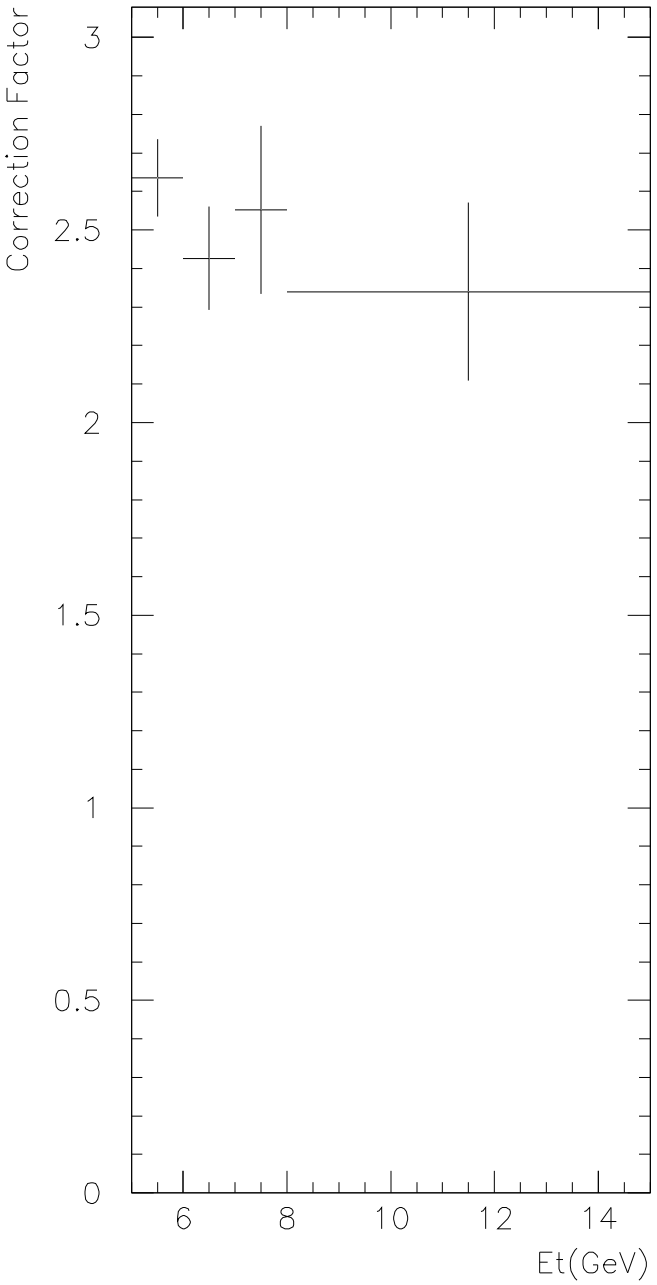




2015/02/28 09.45

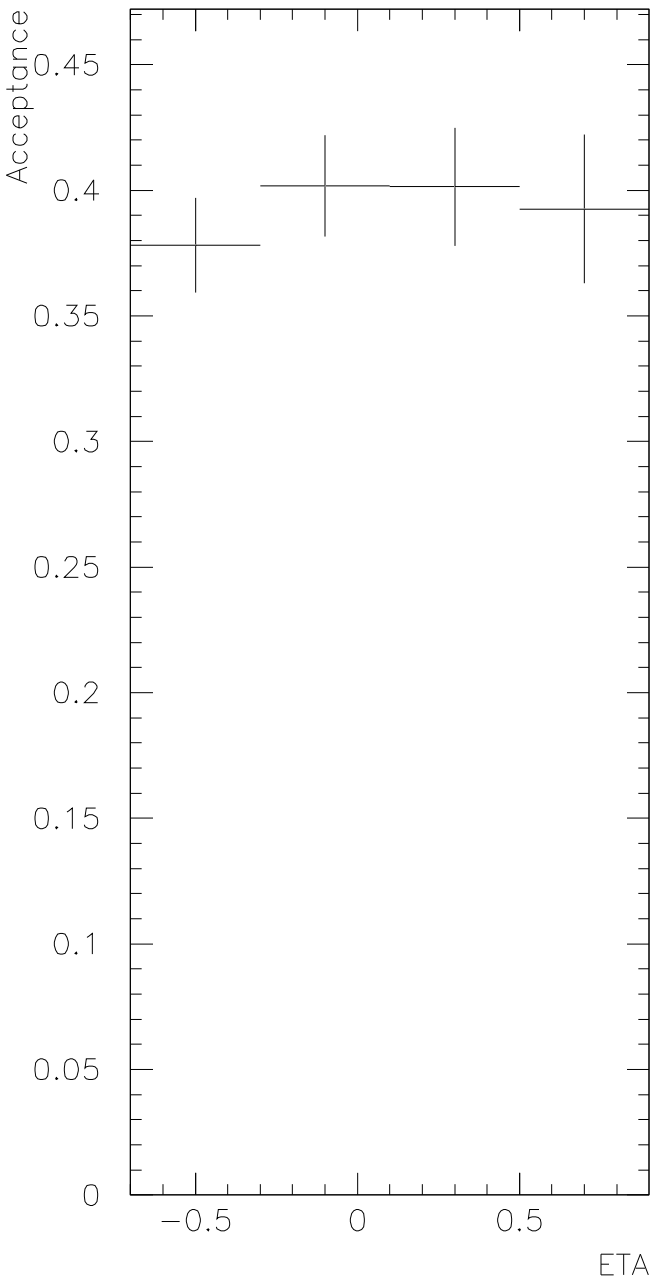
corr. factor measured to truth Photon + jet

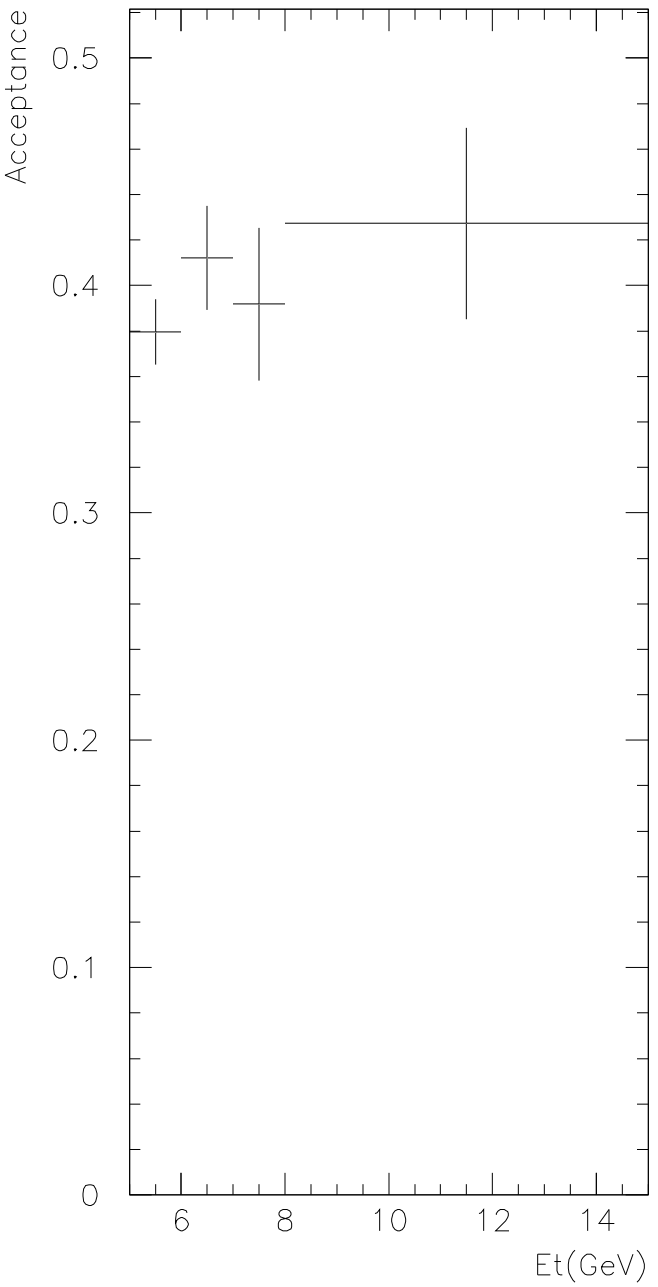




2015/02/28 09.45

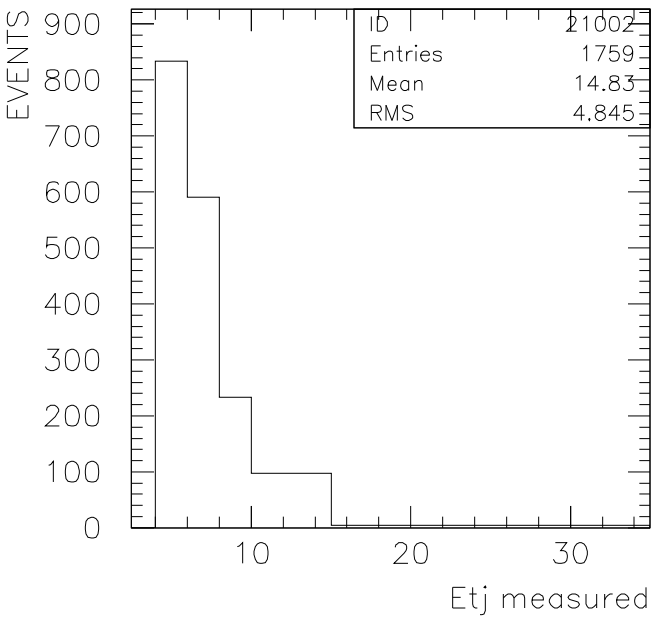
Acceptance (measured/true) Photon + jet

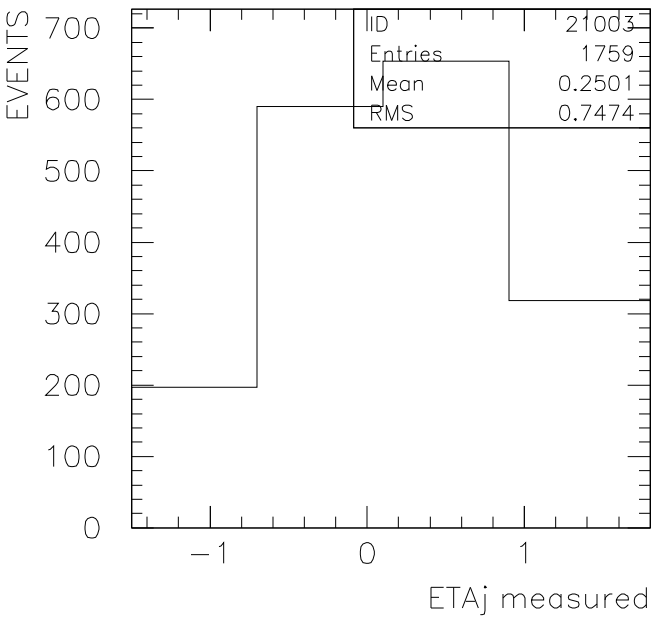


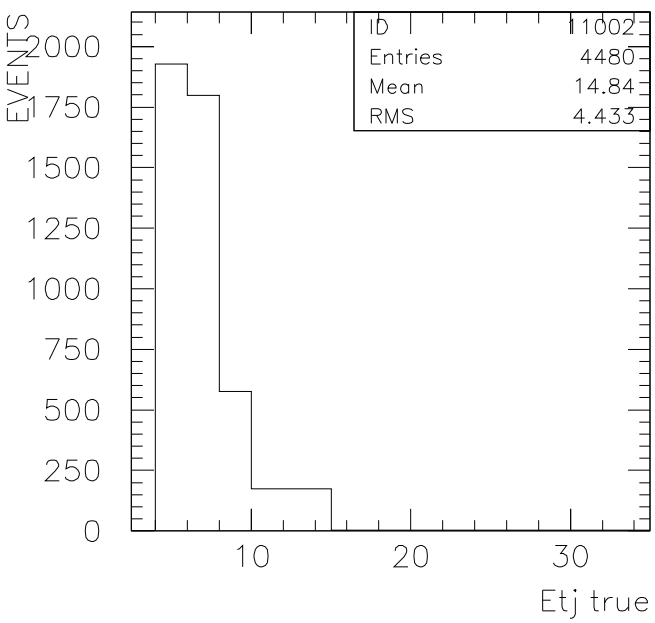


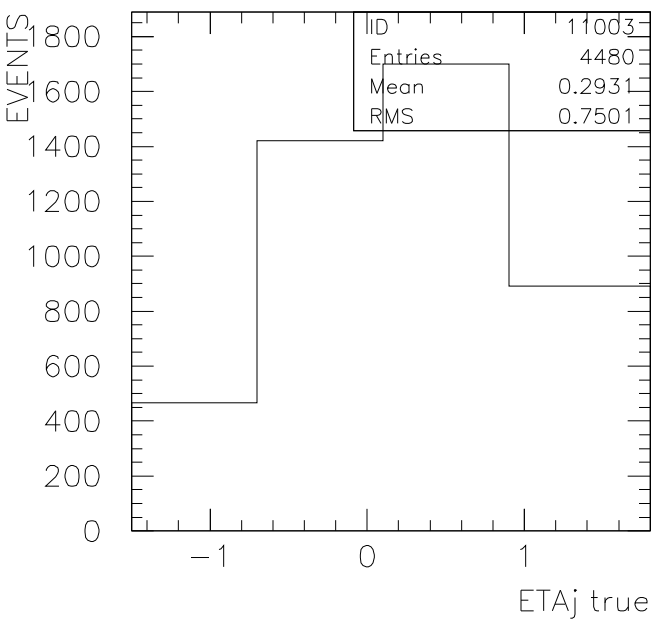
2015/02/28 09.45

Acceptance (measured/true) Photon + jet



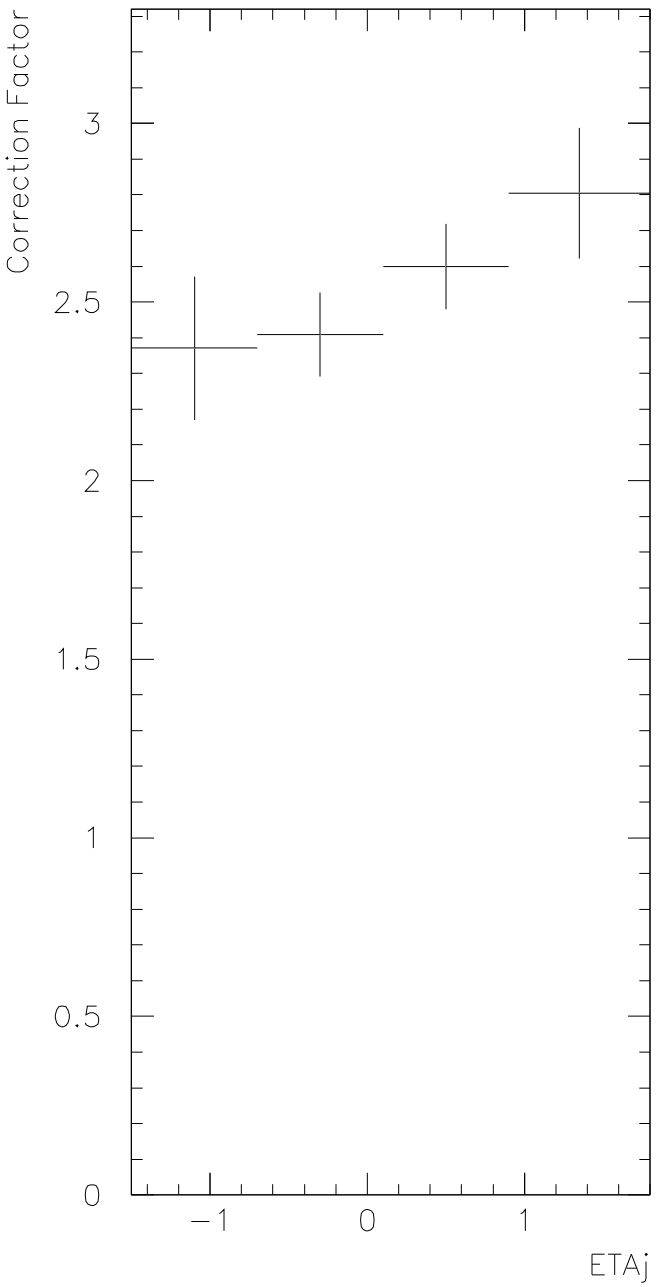


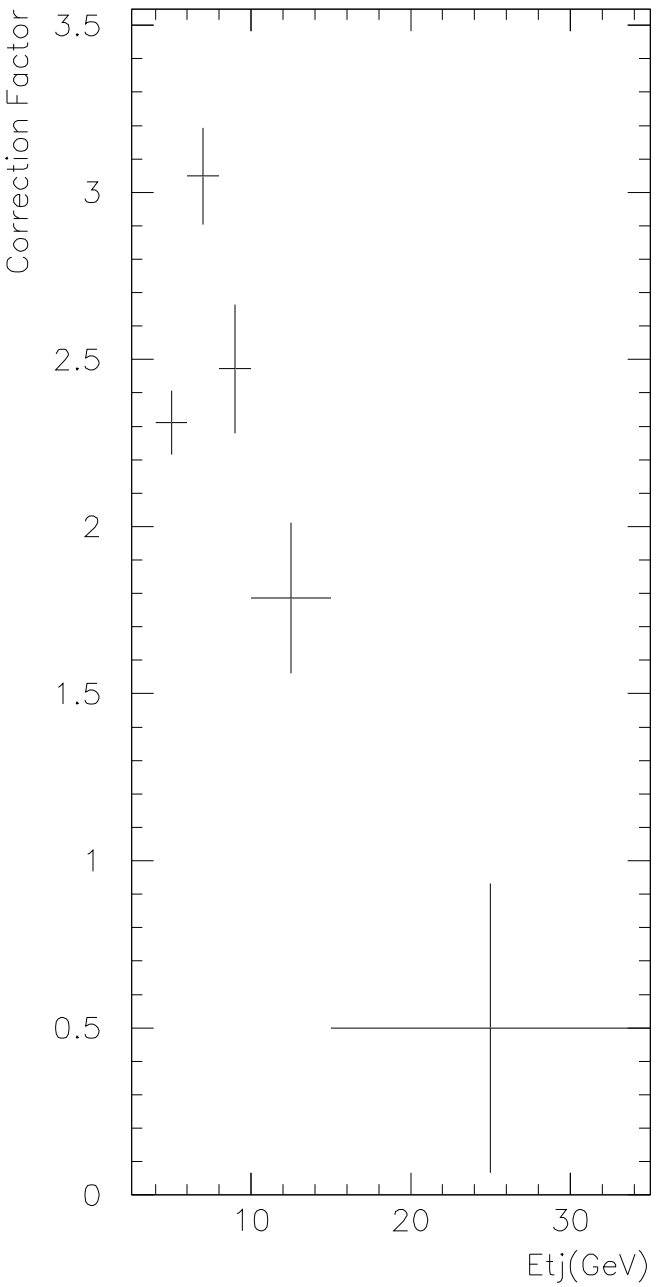




2015/02/28 09.45

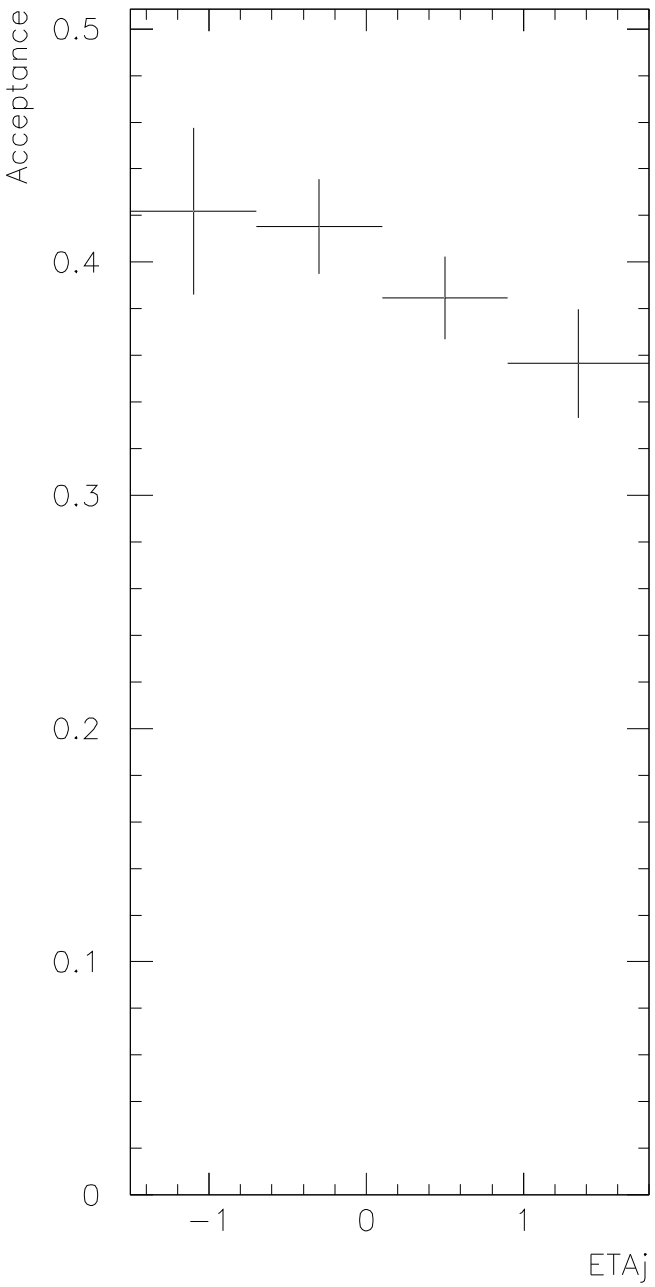
corr. factor measured to truth Photon + jet

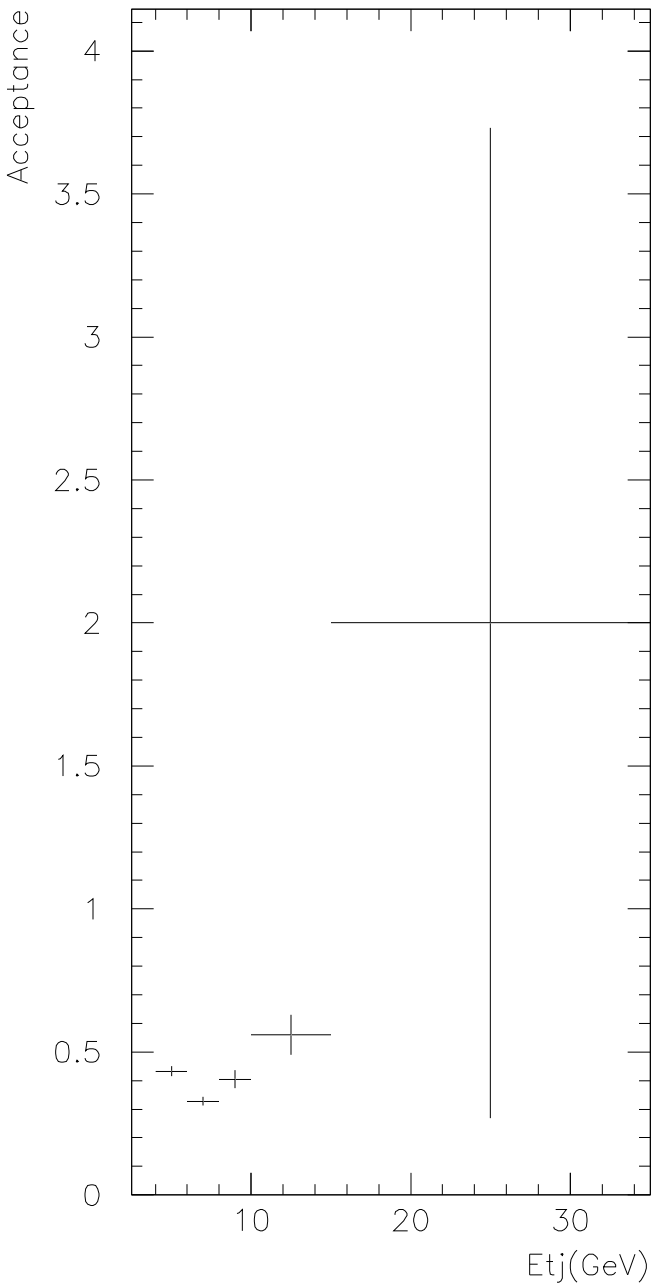




2015/02/28 09.45

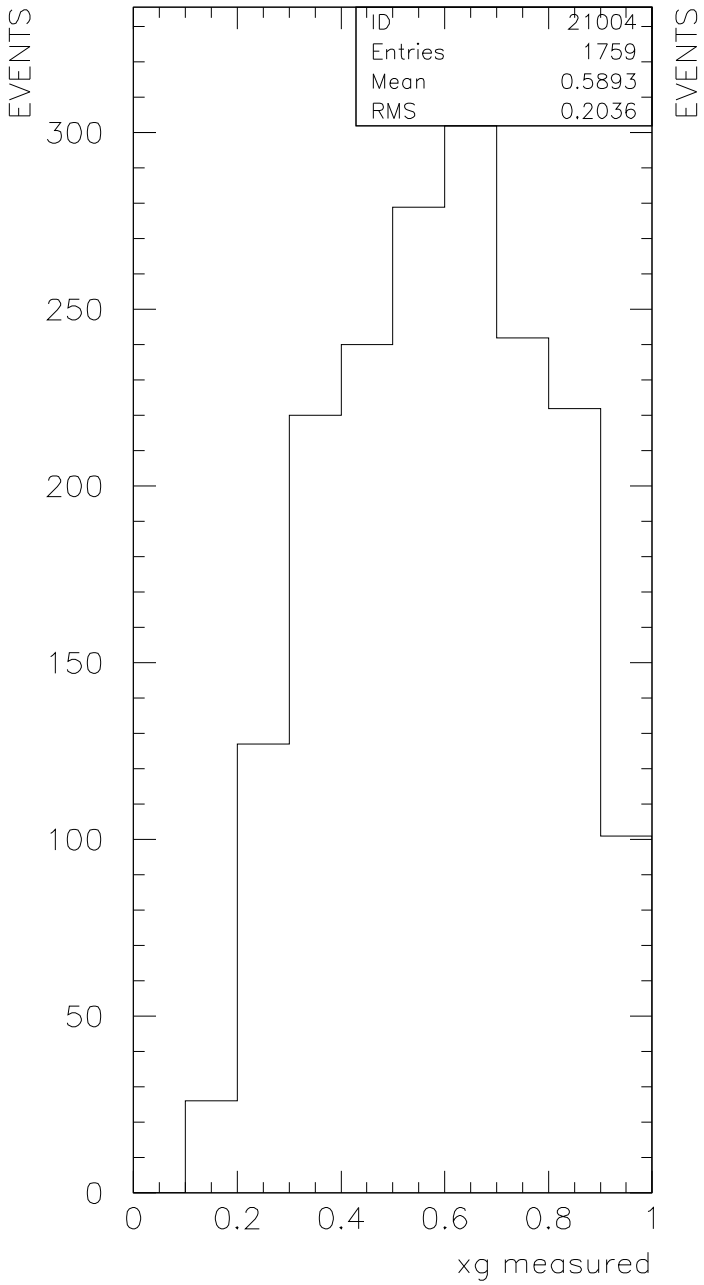
Acceptance (measured/true) Photon + jet

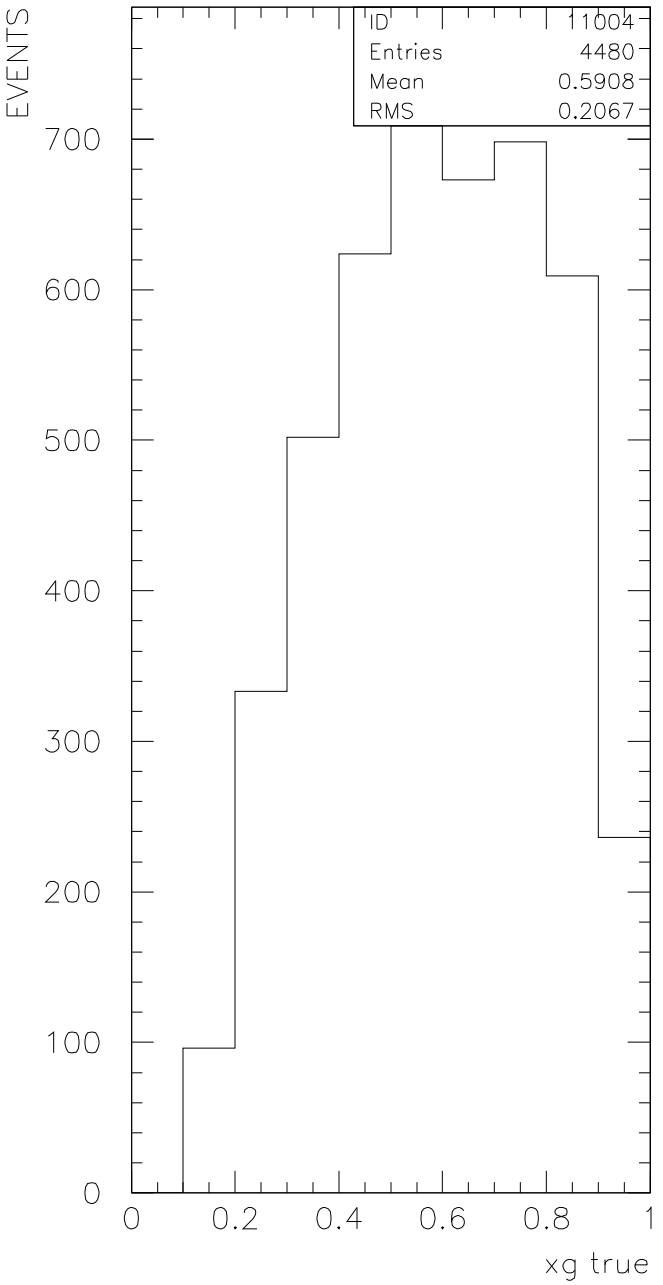


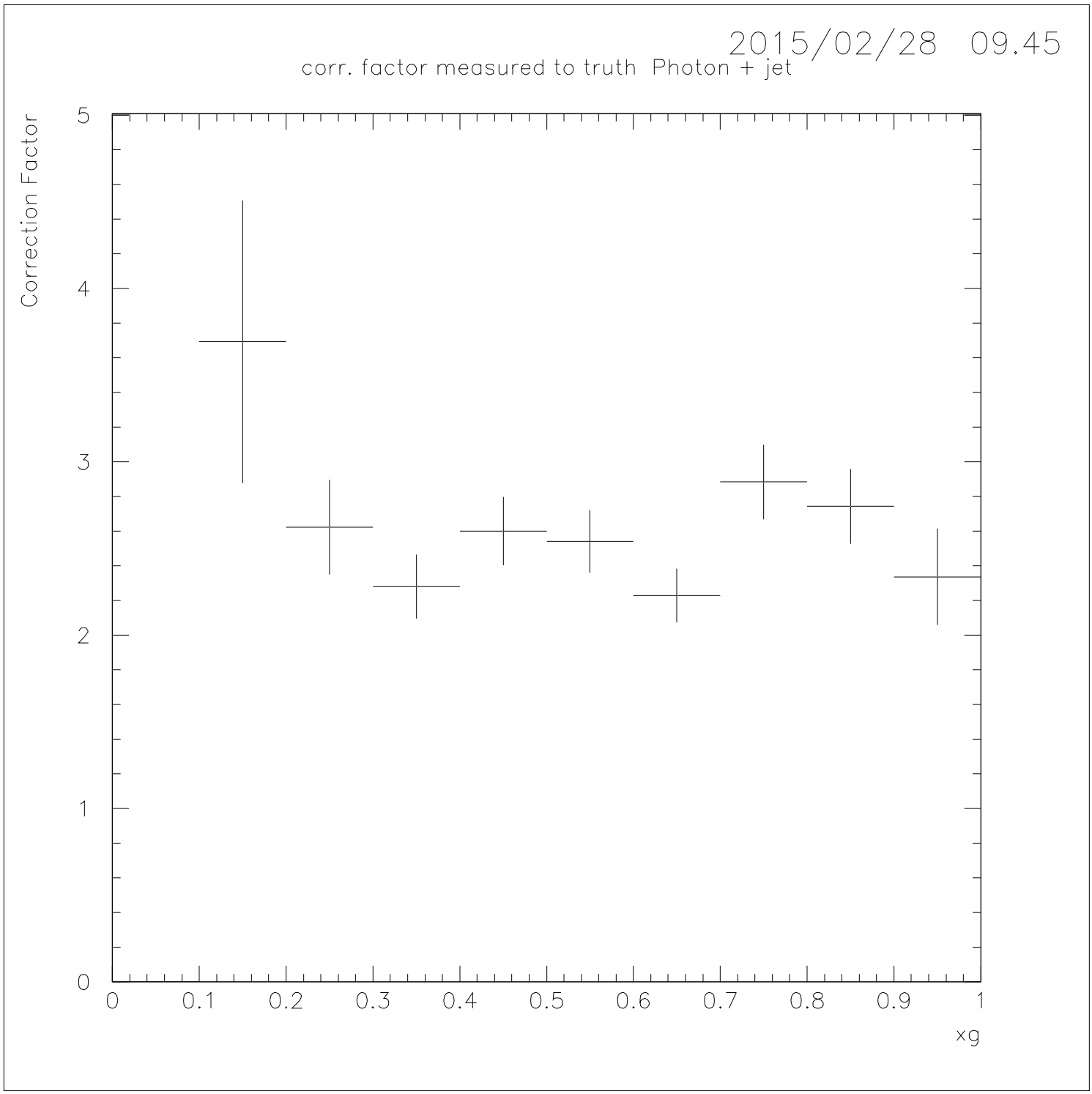


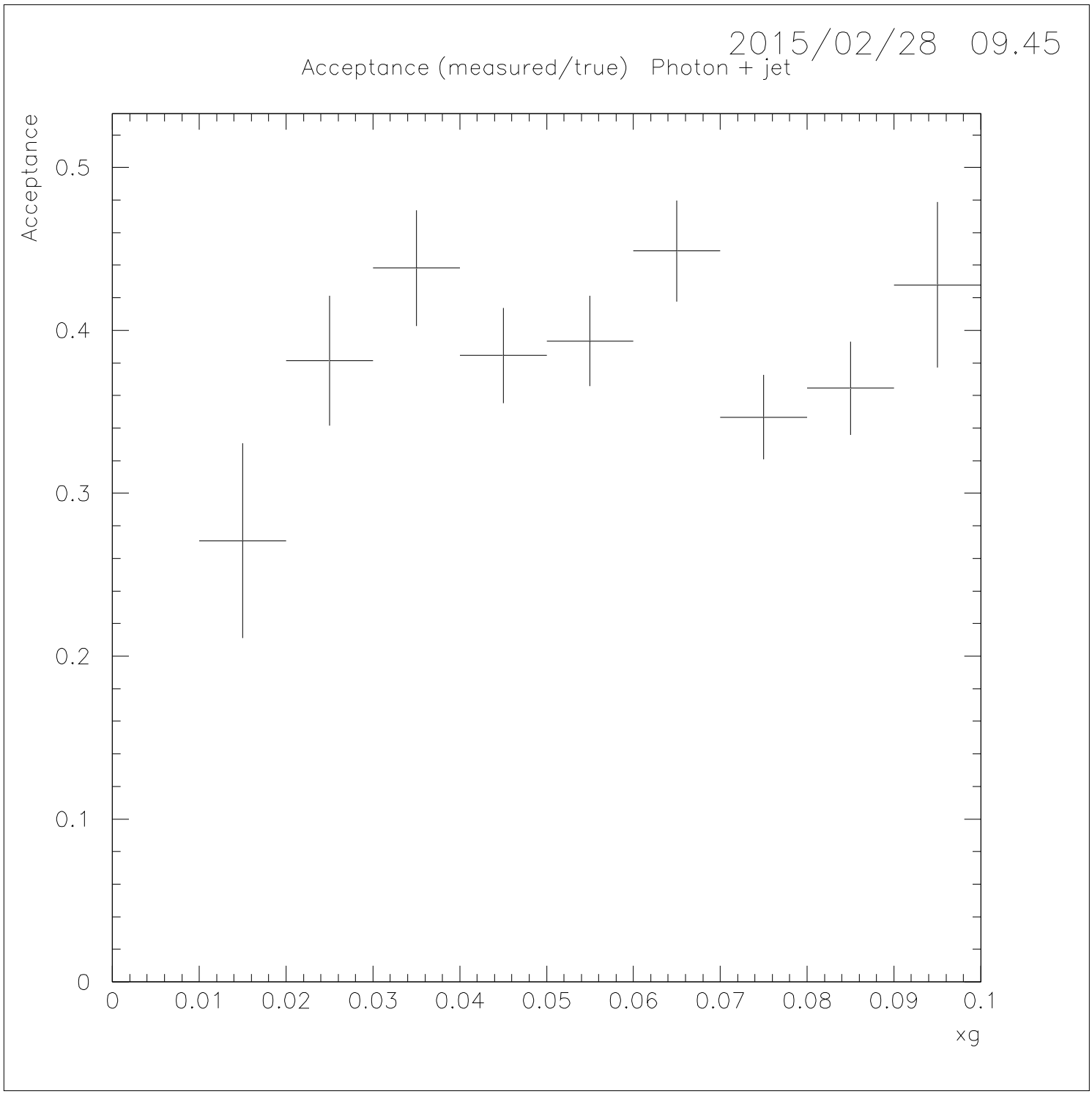
2015/02/28 09.45

Acceptance (measured/true) Photon + jet



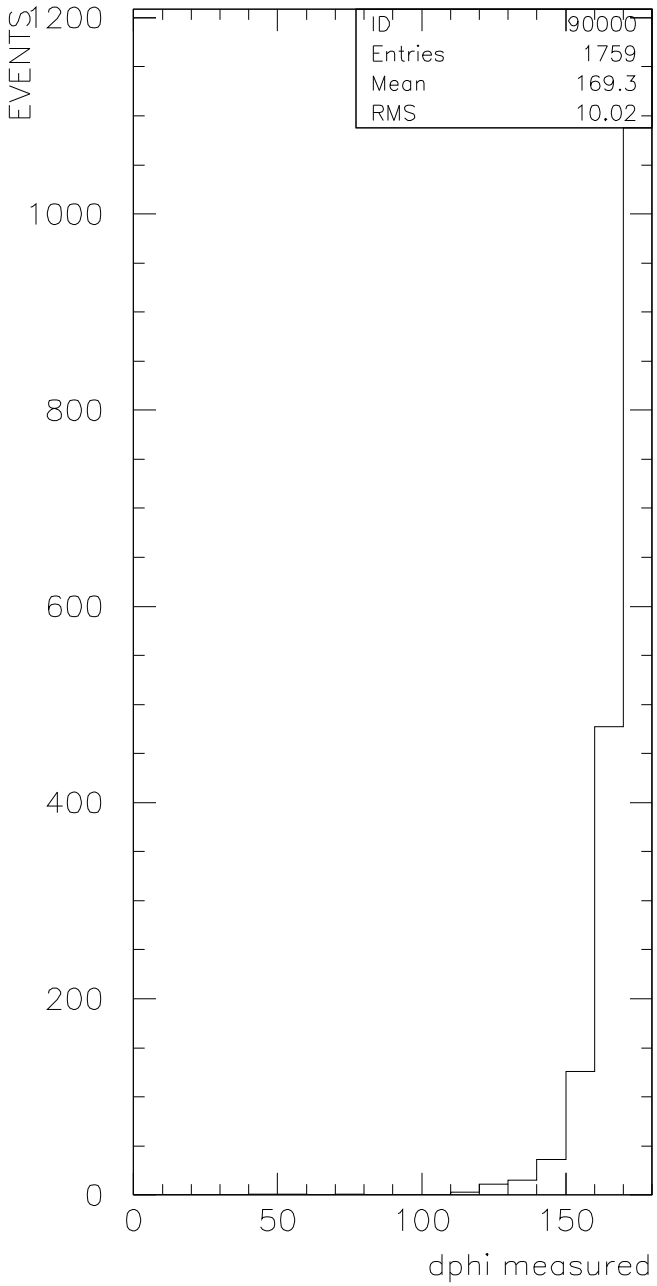


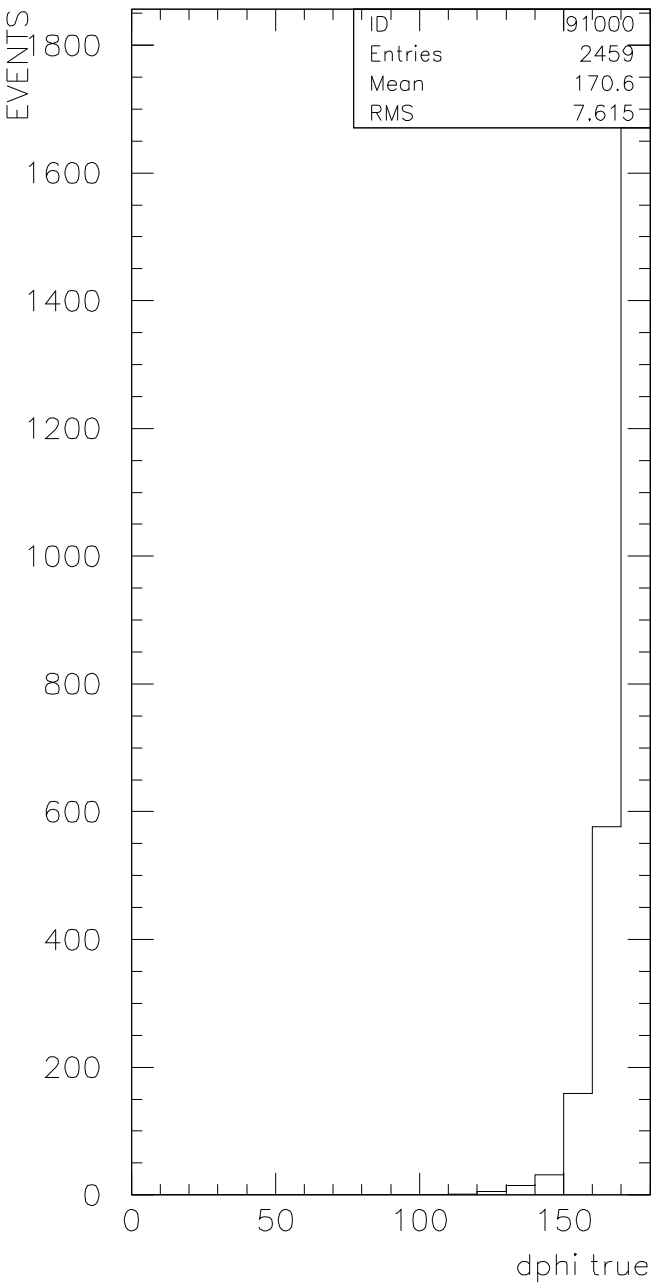

2015/02/28 09.45
corr. factor measured to truth Photon + jet
Correction Factor
0
1
2
3
4
5
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
xg

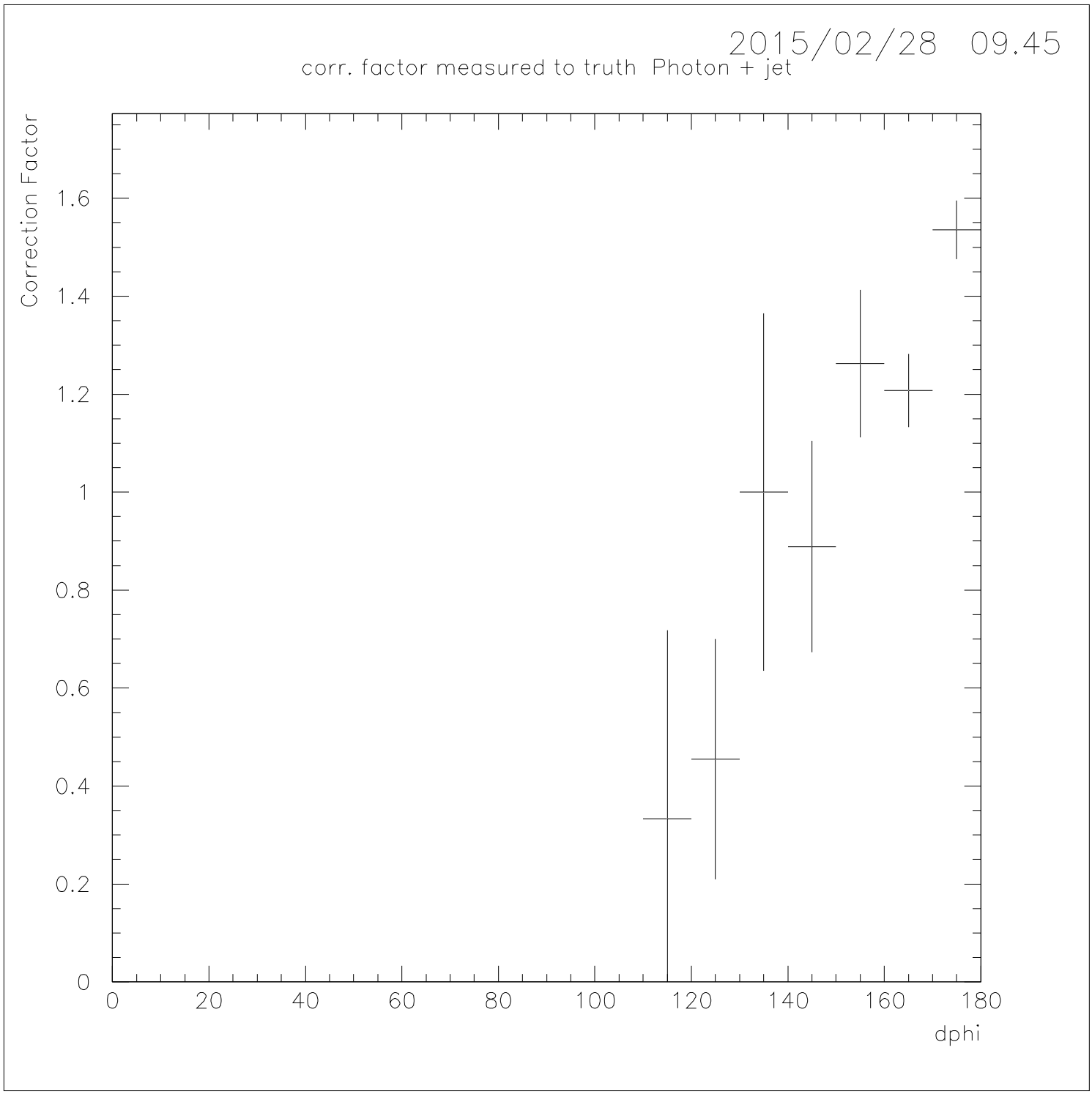

2015/02/28 09.45
Acceptance (measured/true) Photon + jet
Acceptance
0.5
0.4
0.3
0.2
0.1
0
0
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
0.09
0.1
xg

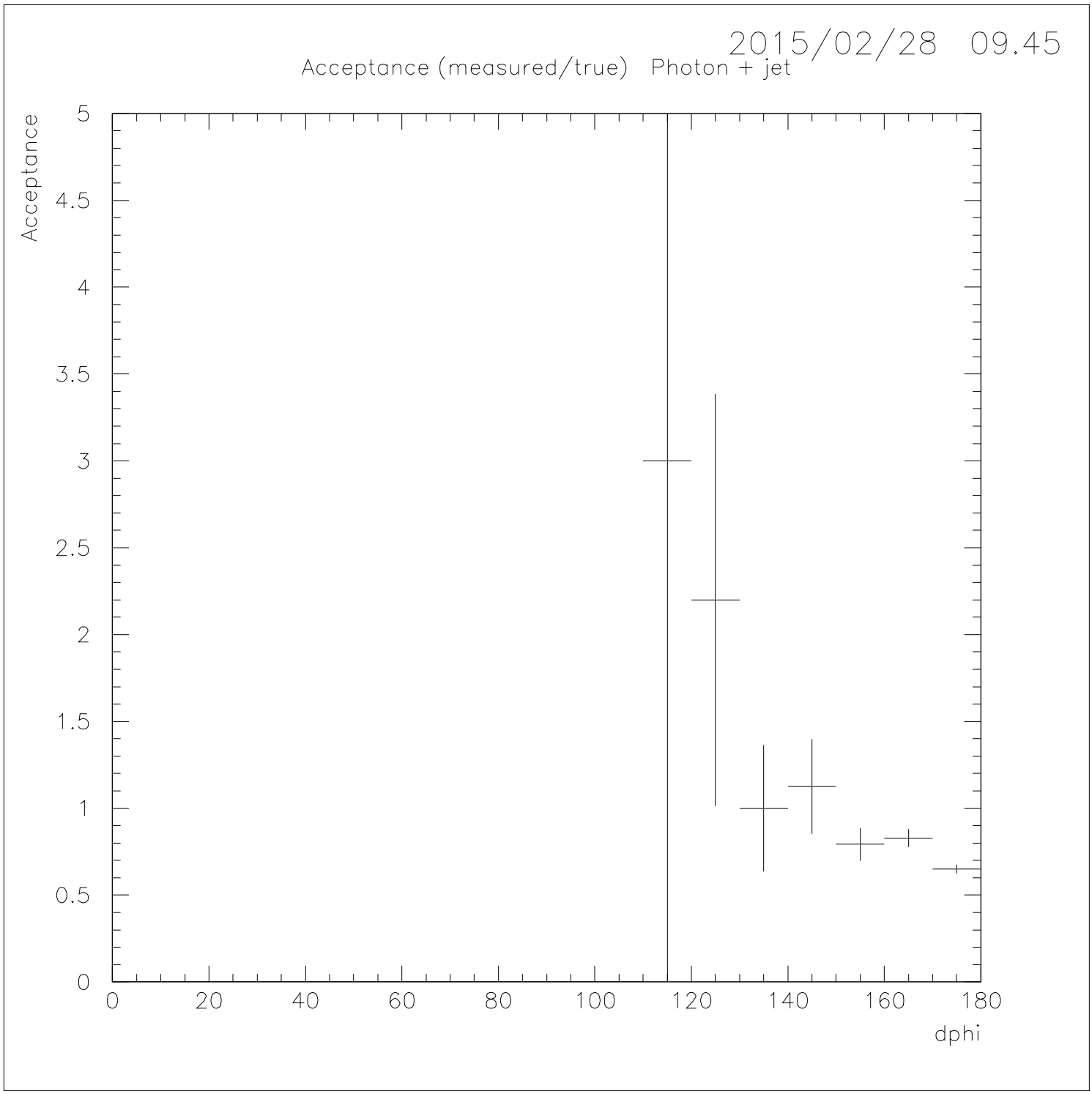
2015/02/28 09.45

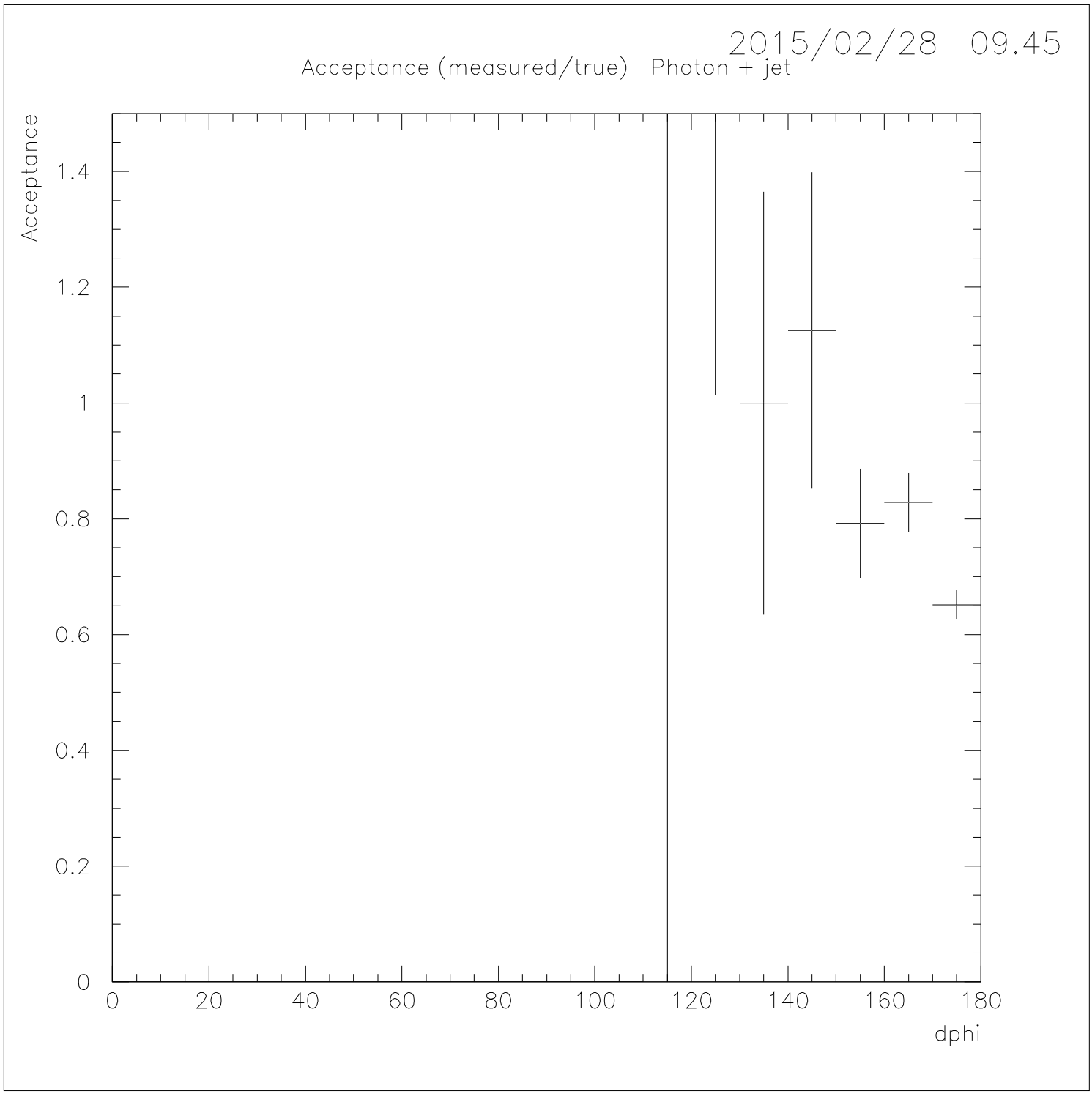
Acceptance (measured/true) Photon + jet





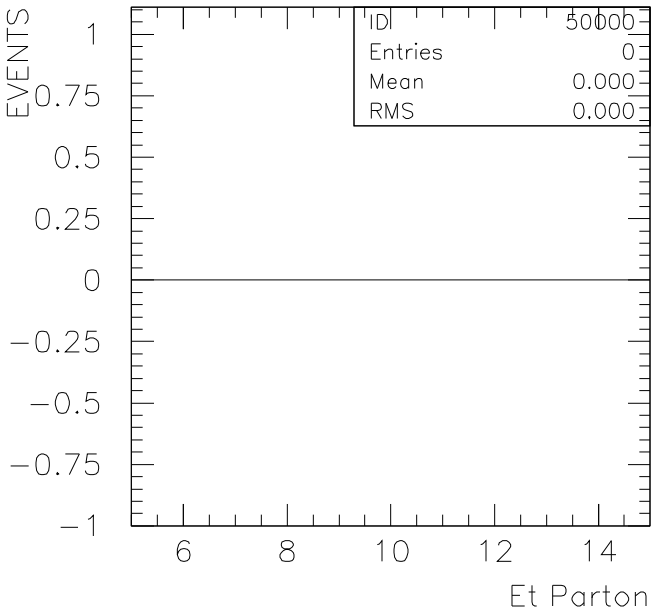

2015/02/28 09.45
corr. factor measured to truth Photon + jet
Correction Factor
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
20
40
60
80
100
120
140
160
180
dphi

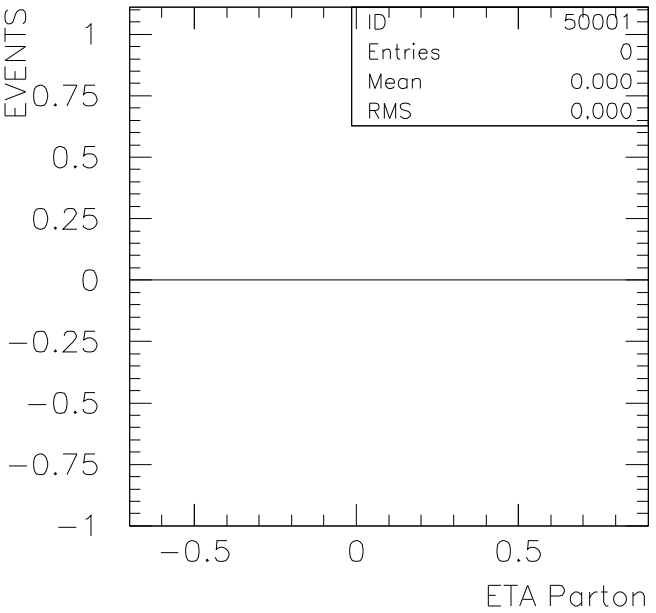

2015/02/28 09.45
Acceptance (measured/true) Photon + jet
Acceptance
5
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
0
20
40
60
80
100
120
140
160
180
dphi

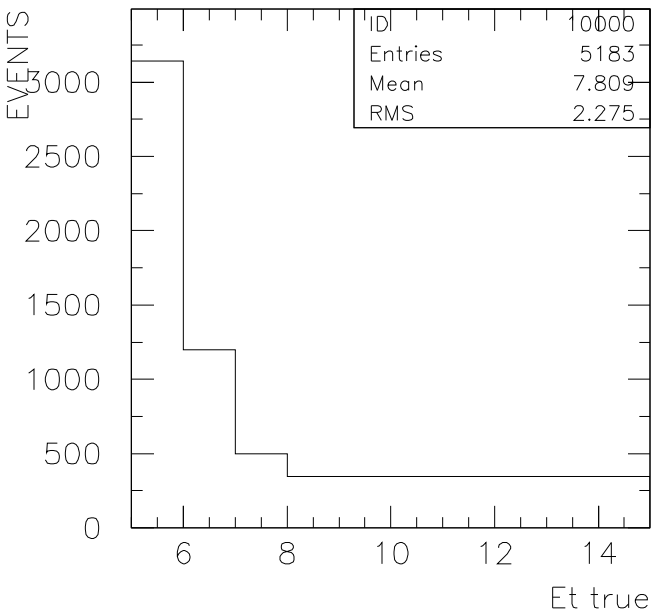

2015/02/28 09.45
Acceptance (measured/true) Photon + jet
Acceptance
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
20
40
60
80
100
120
140
160
180
dphi

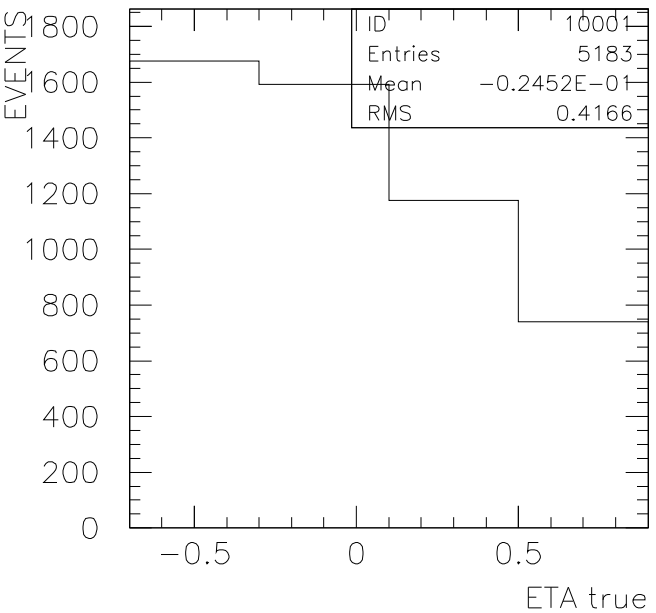
2015/02/28 09.45

inclusive Parton−True



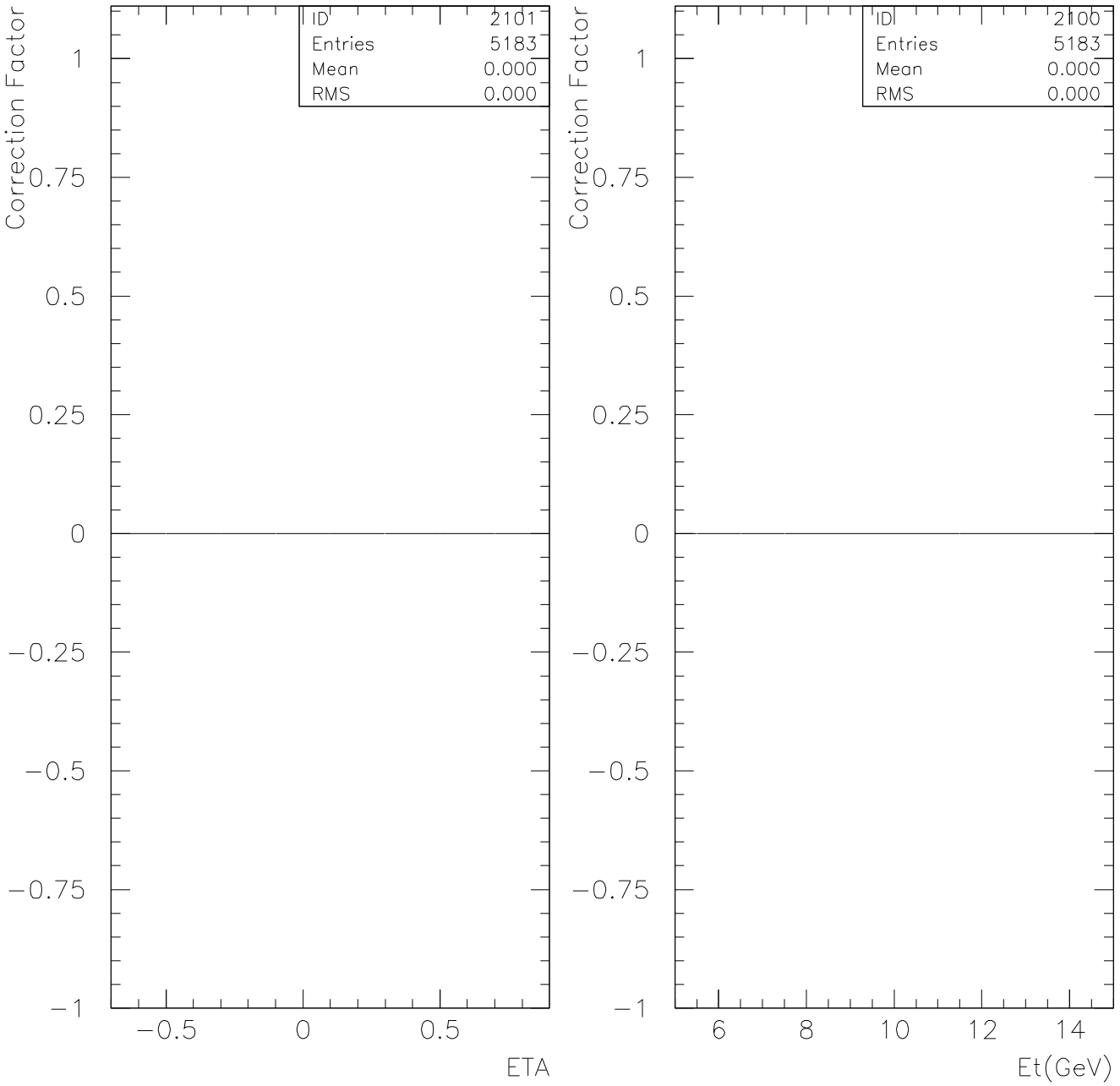






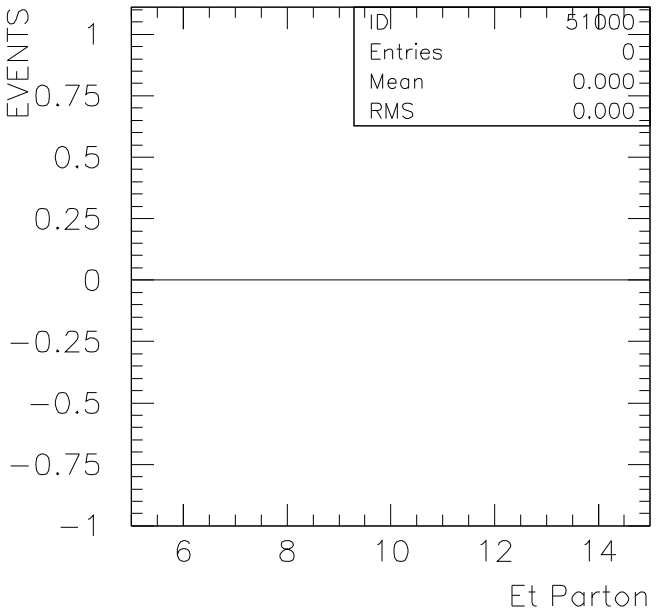
2015/02/28 09.45

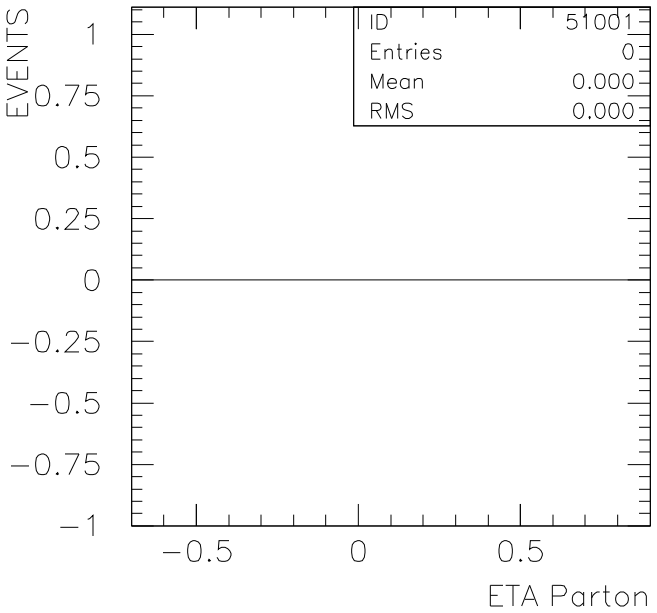
corr. factor truth to parton inclusive

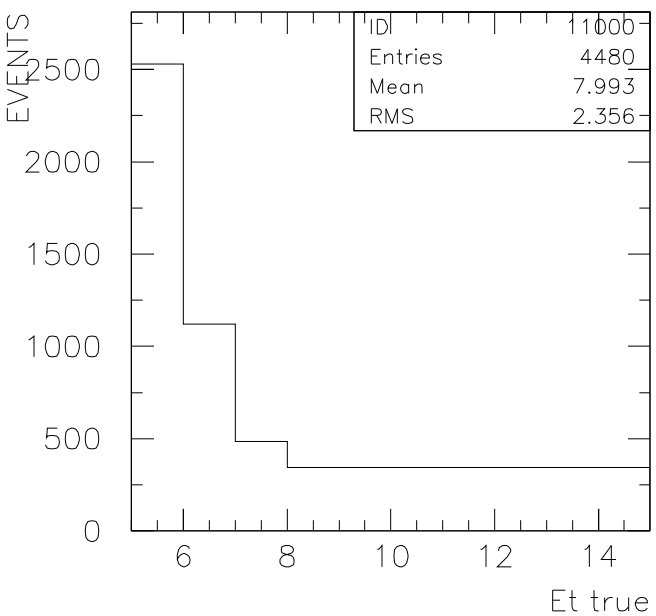


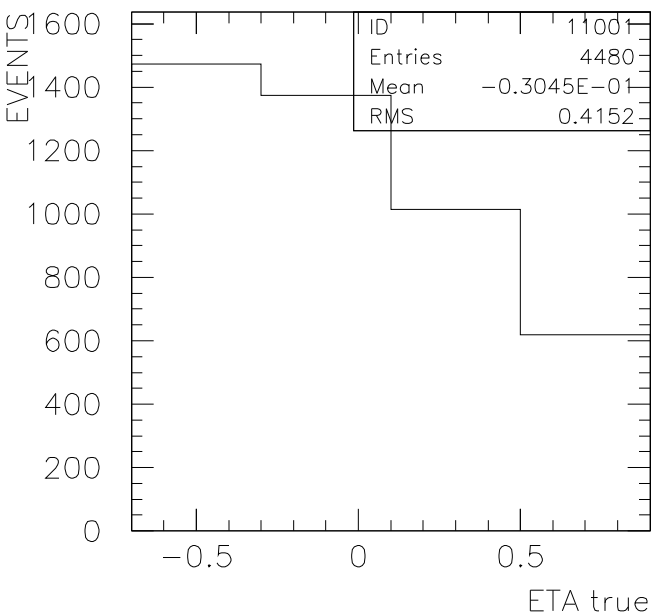
2015/02/28 09.45

Photon + Jet, Parton−True



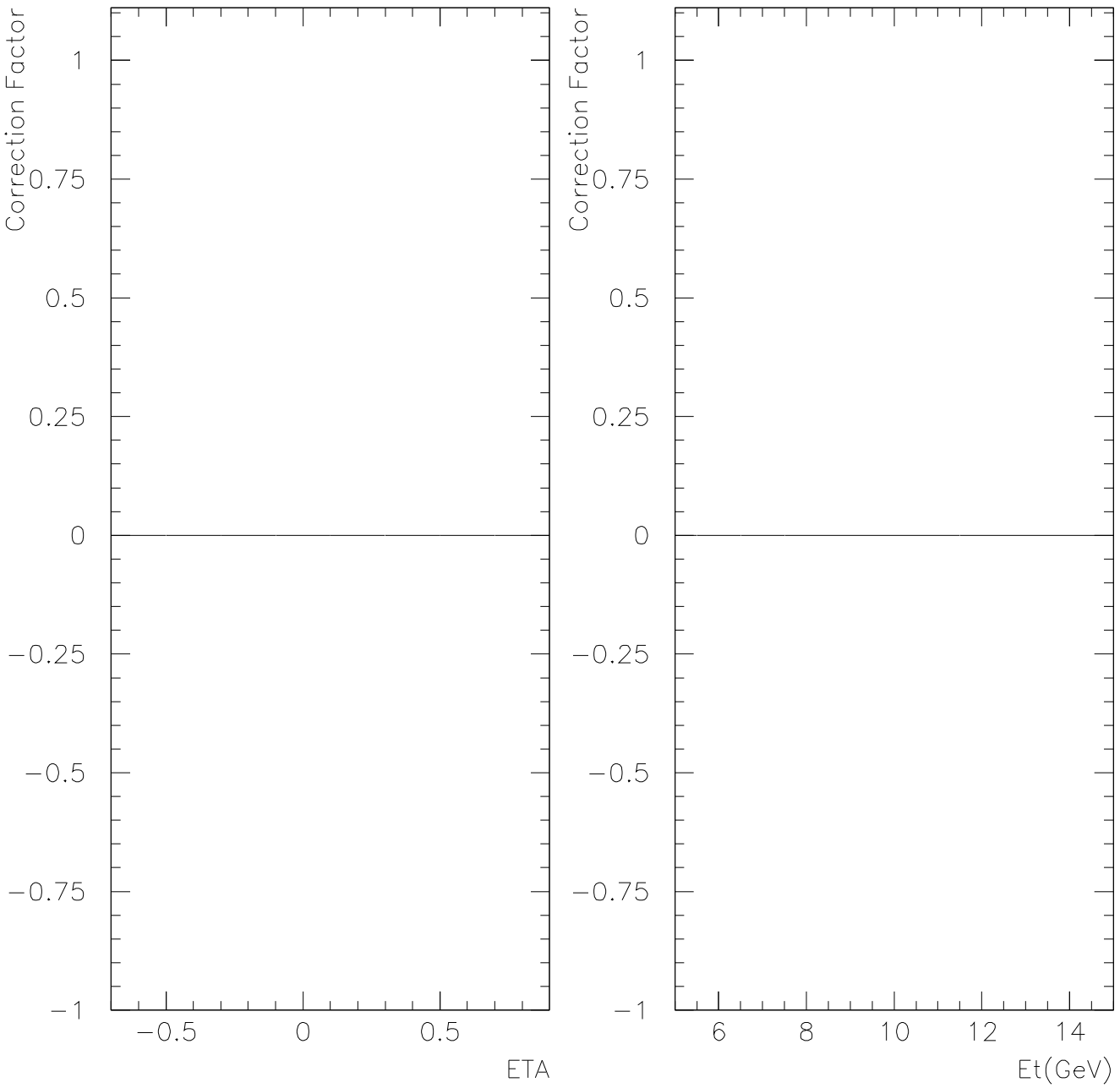


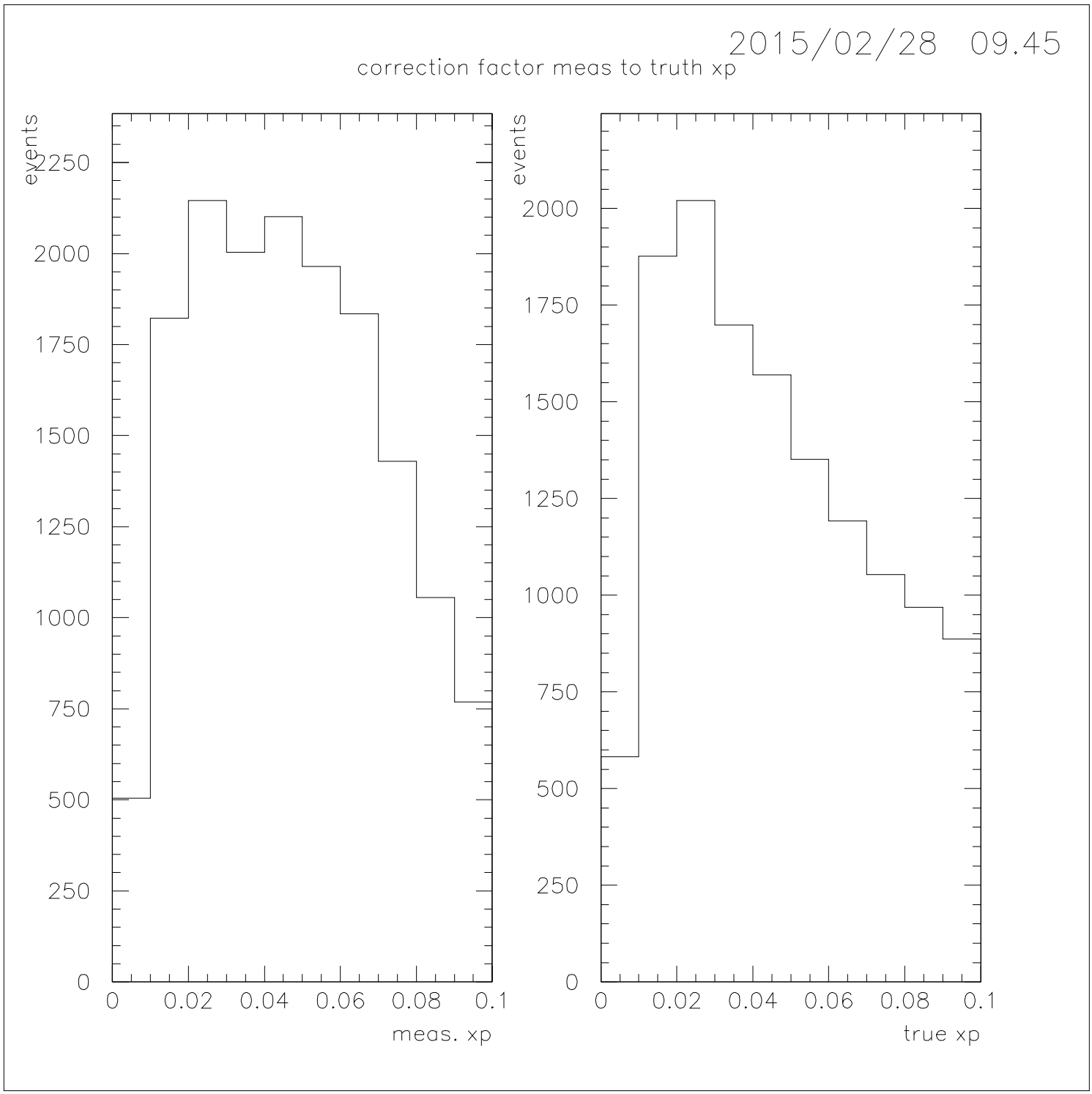


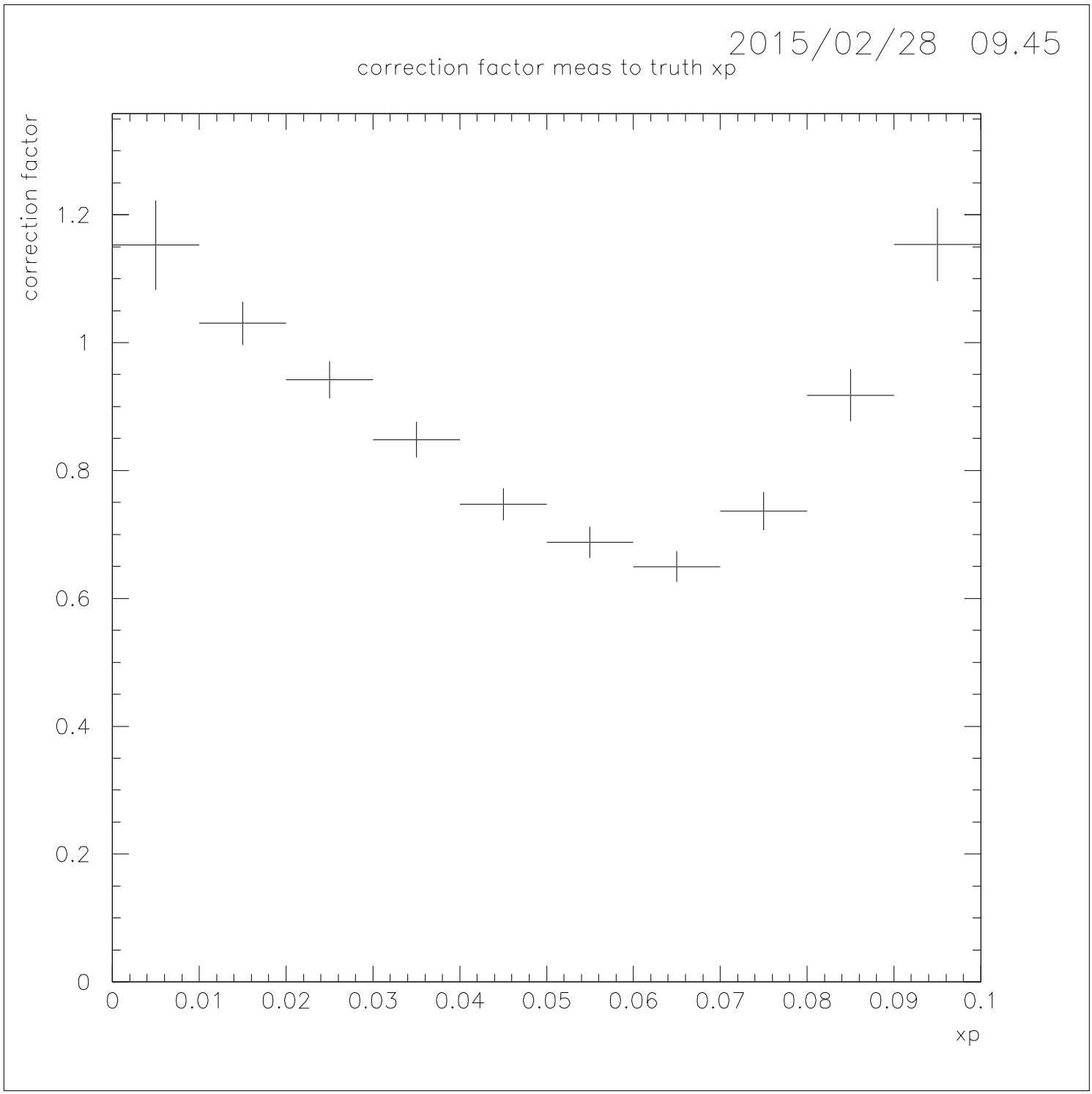


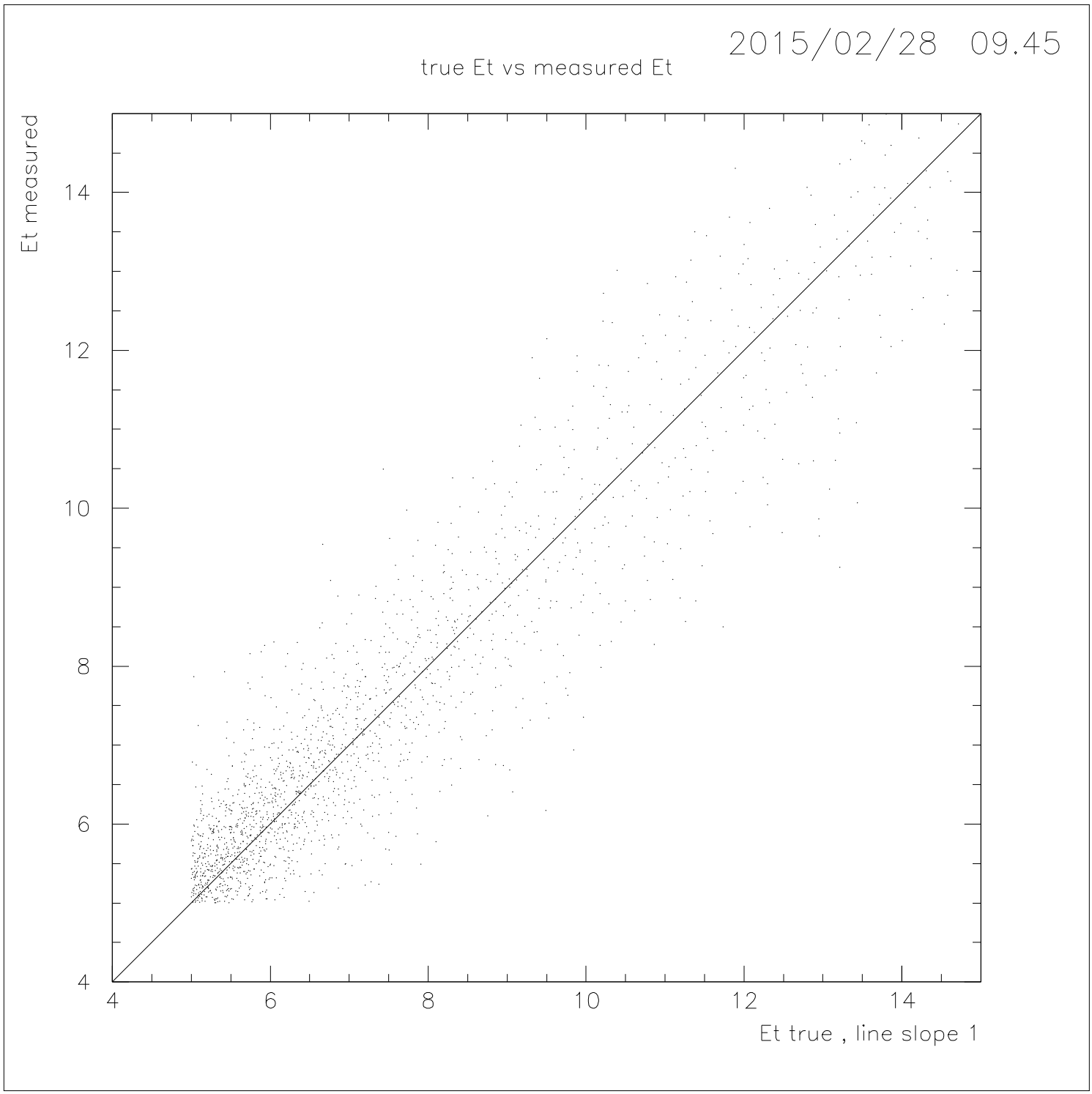
2015/02/28 09.45

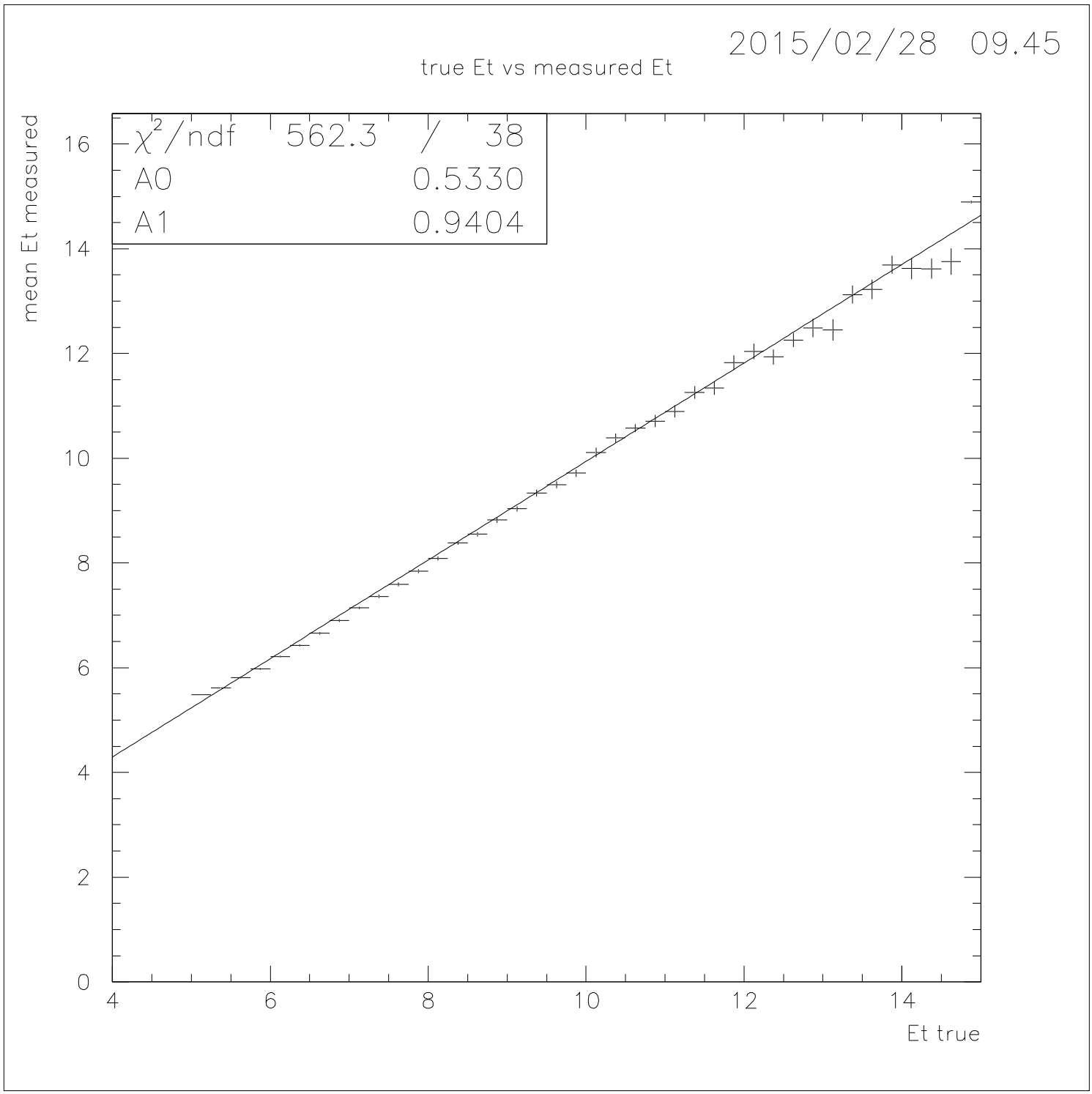
corr. factor truth to parton Photon + Jet

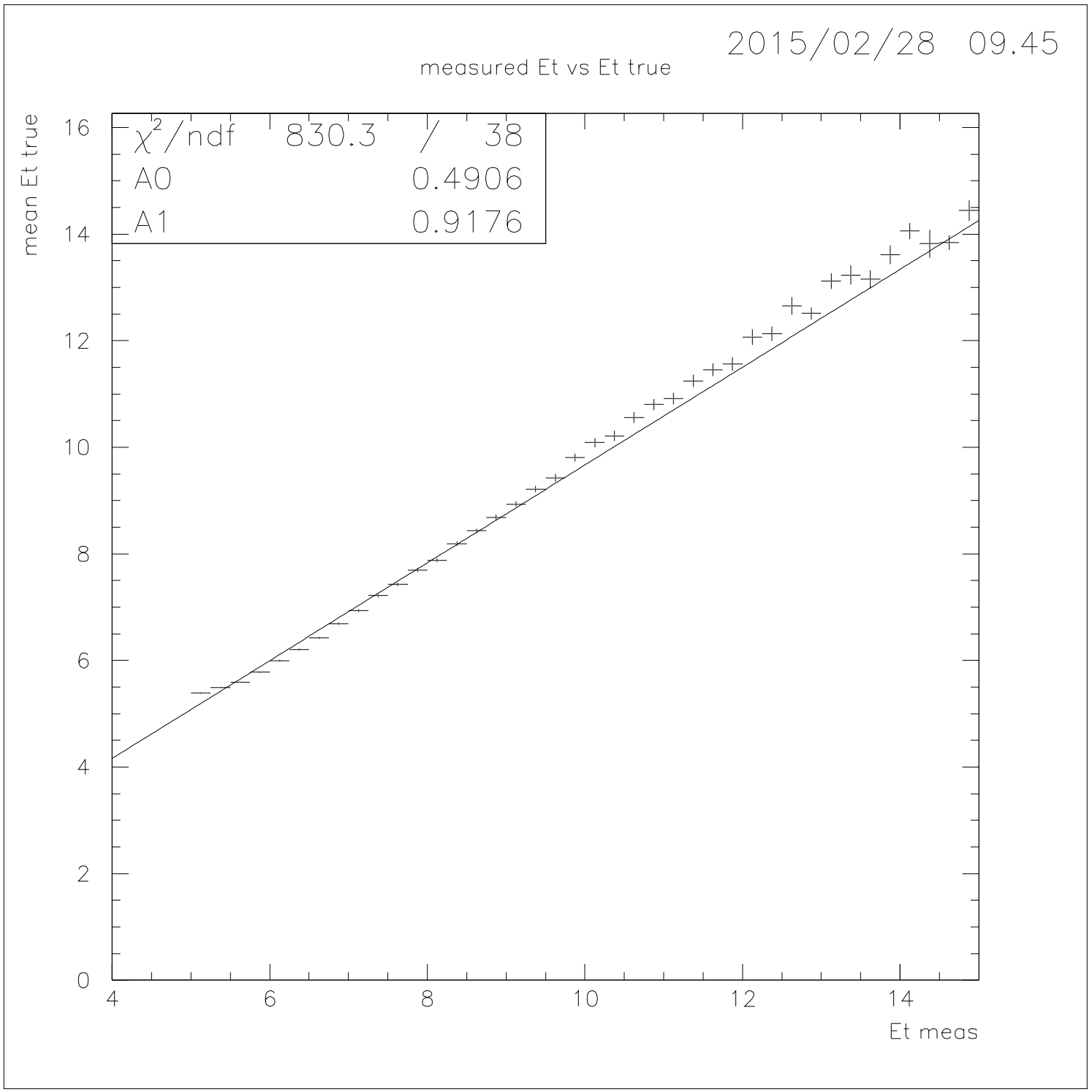



2015/02/28 09.45
correction factor meas to truth xp
events
2250
2000
1750
1500
1250
1000
750
500
250
0
0
0.02
0.04
0.06
0.08
0.1
meas. xp
events
2000
1750
1500
1250
1000
750
500
250
0
0
0.02
0.04
0.06
0.08
0.1
true xp


2015/02/28 09.45
correction factor meas to truth xp
correction factor
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
xp


2015/02/28 09.45
true Et vs measured Et
Et measured
14
12
10
8
6
4
4
6
8
10
12
14
Et true , line slope 1


2015/02/28 09.45
true Et vs measured Et
χ²/ndf 562.3 / 38
A0 0.5330
A1 0.9404
mean Et measured
Et true
0
2
4
6
8
10
12
14
16
4
6
8
10
12
14


2015/02/28 09.45
measured Et vs Et true
χ²/ndf 830.3 / 38
A0 0.4906
A1 0.9176
mean Et true
Et meas
0
2
4
6
8
10
12
14
16
4
6
8
10
12
14