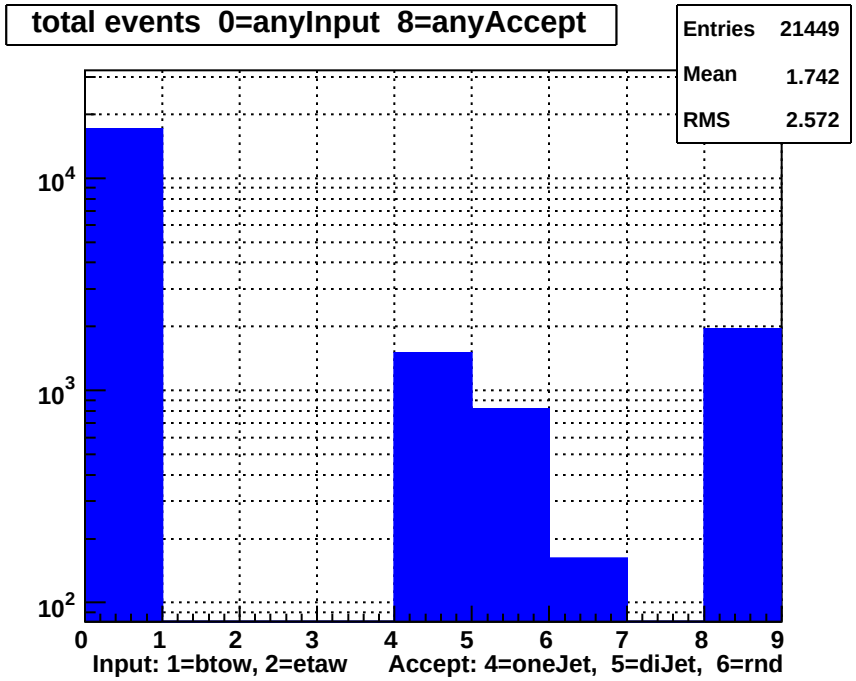
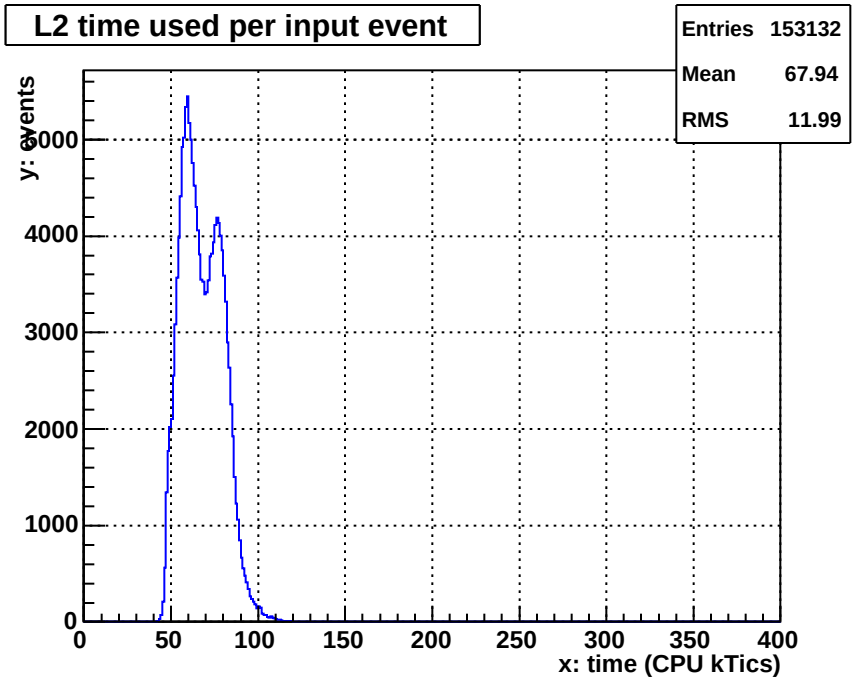
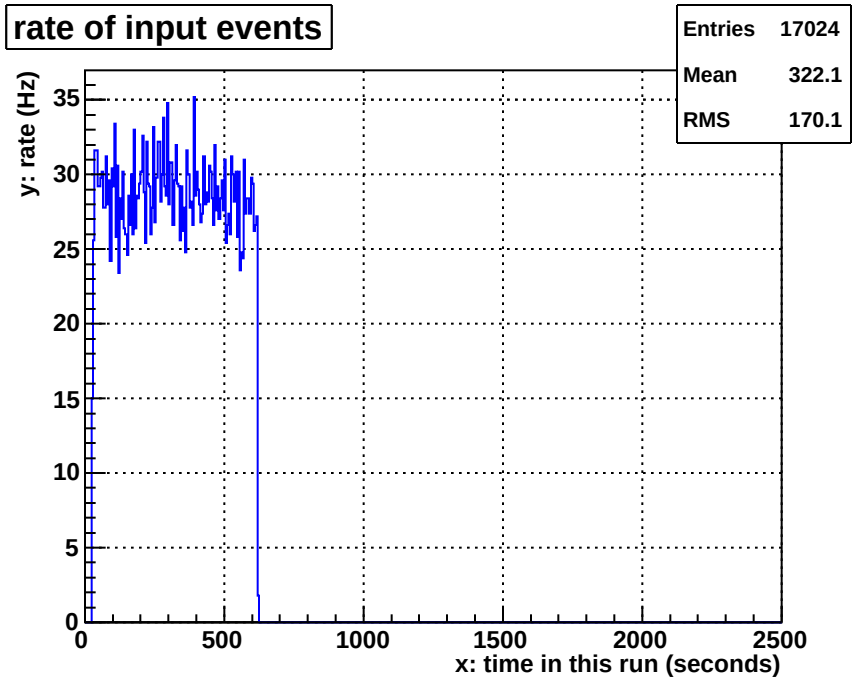
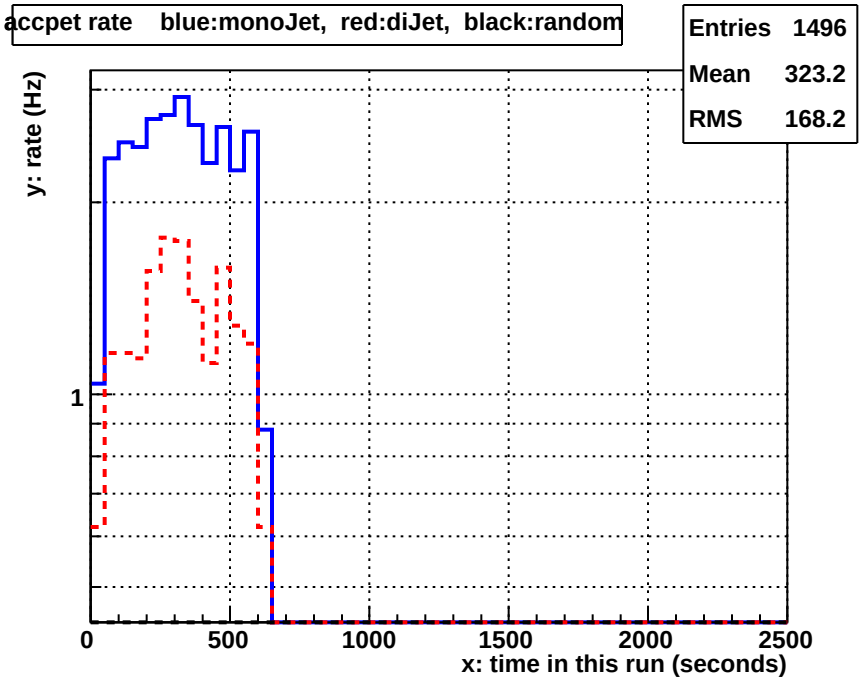
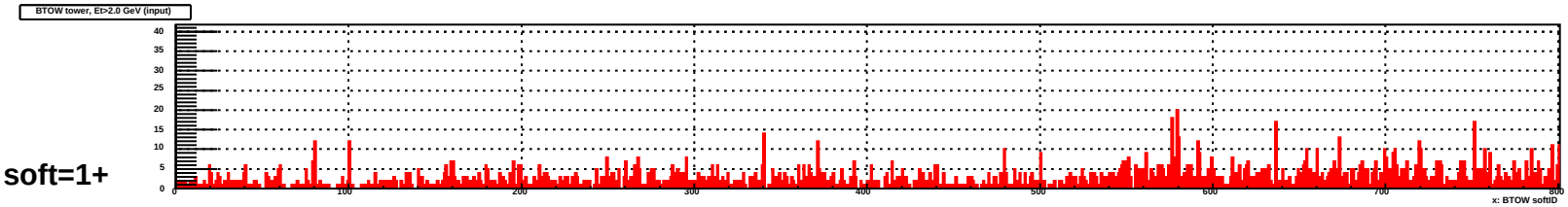

total events 0=anyInput 8=anyAccept
Entries 21449
Mean 1.742
RMS 2.572
10^4
10^3
10^2
0 1 2 3 4 5 6 7 8 9
Input: 1=btow, 2=etaw Accept: 4=oneJet, 5=diJet, 6=rnd


L2 time used per input event
Entries 153132
Mean 67.94
RMS 11.99
y: events
5000
4000
3000
2000
1000
0
0 50 100 150 200 250 300 350 400
x: time (CPU kTics)

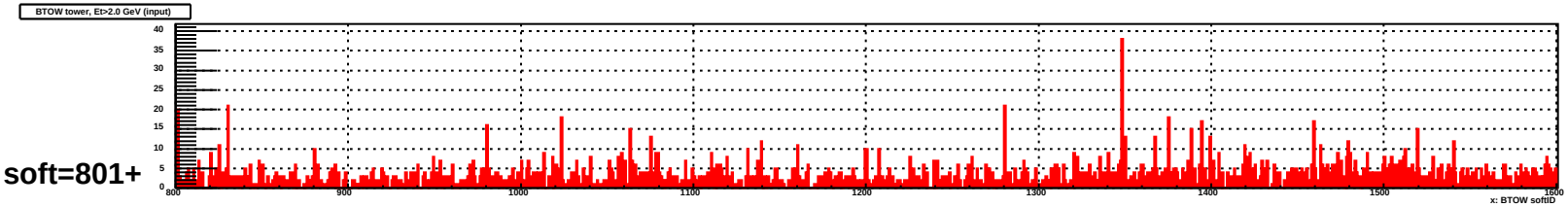

rate of input events
Entries 17024
Mean 322.1
RMS 170.1
y: rate (Hz)
35
30
25
20
15
10
5
0
0 500 1000 1500 2000 2500
x: time in this run (seconds)


accpet rate blue:monoJet, red:diJet, black:random
Entries 1496
Mean 323.2
RMS 168.2
y: rate (Hz)
1
0 500 1000 1500 2000 2500
x: time in this run (seconds)

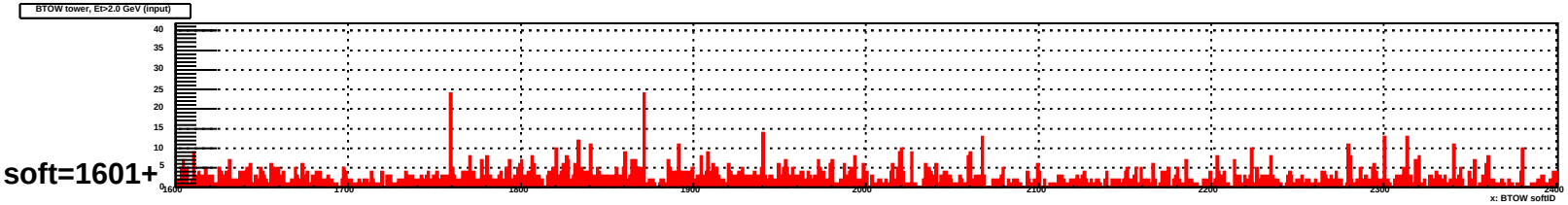
soft=1+



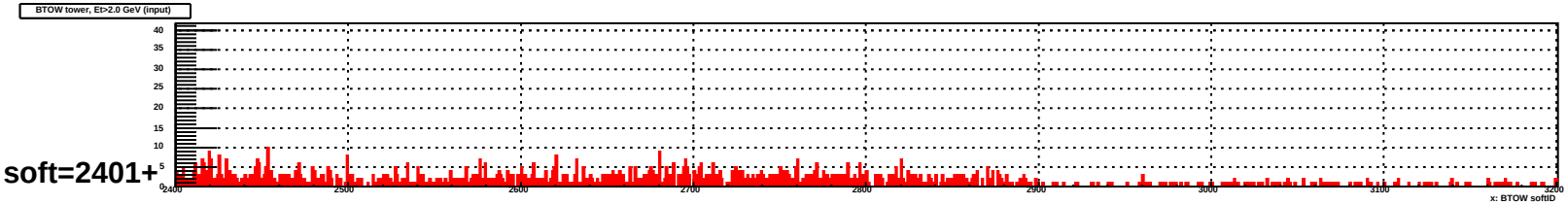
soft=801+



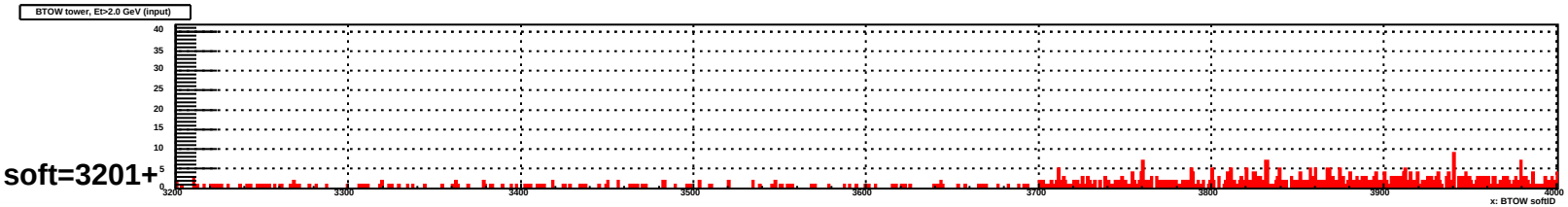
soft=1601+



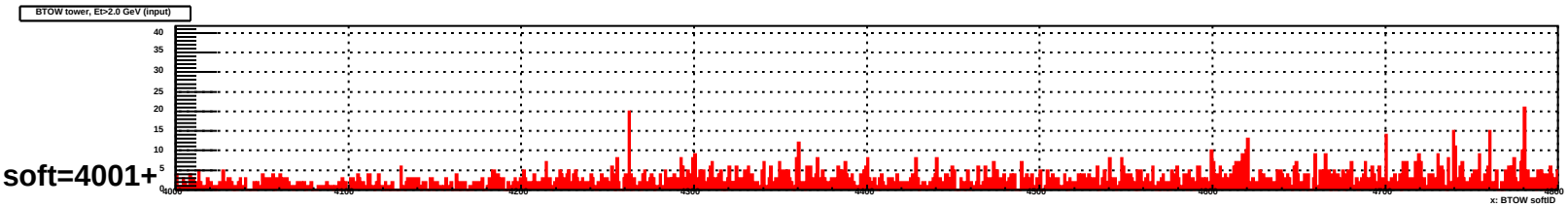
soft=2401+

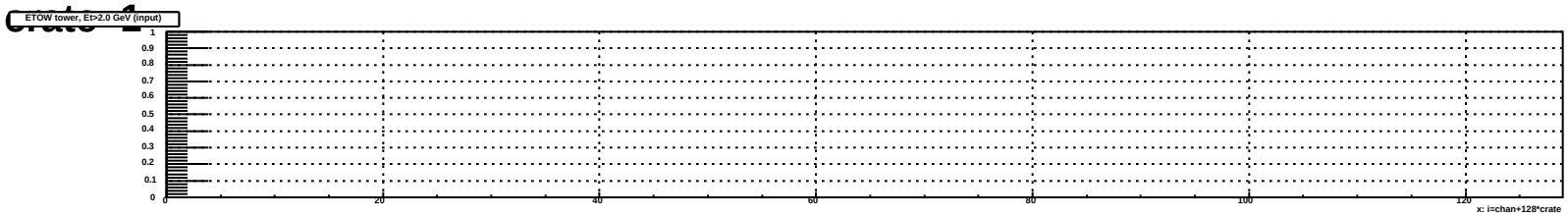


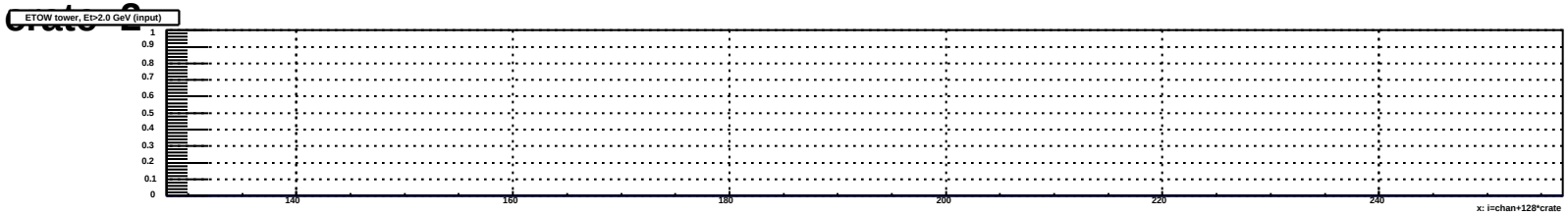
soft=3201+

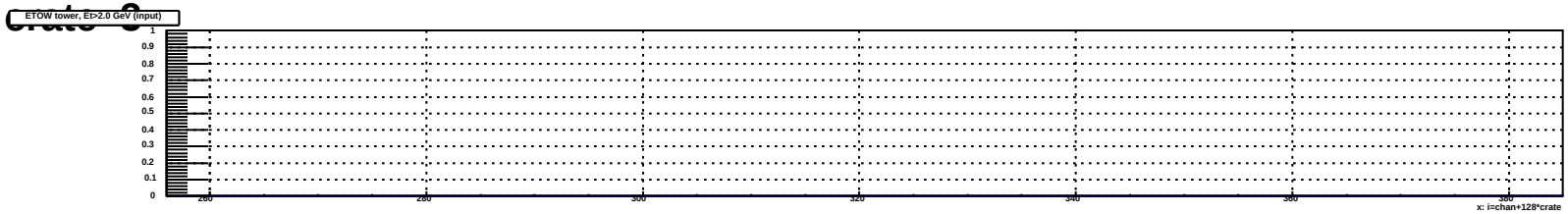


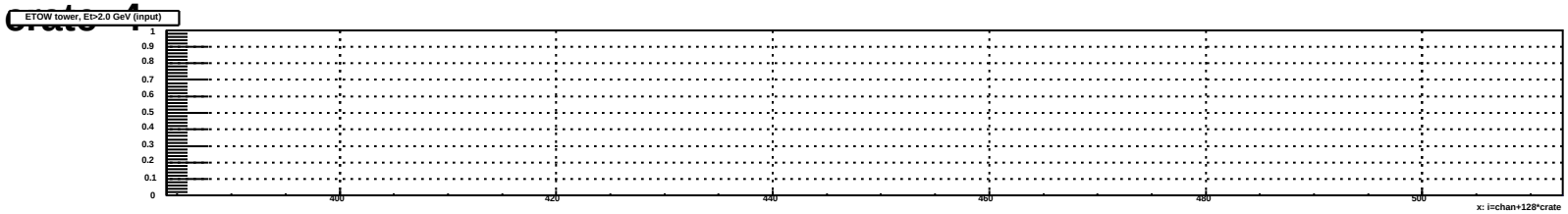
soft=4001+

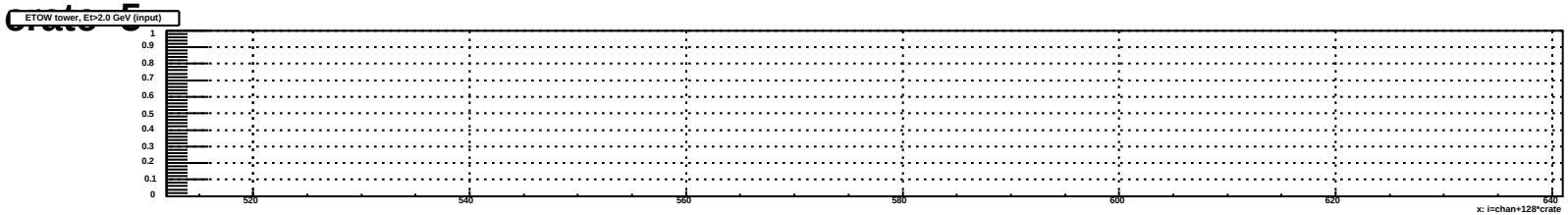


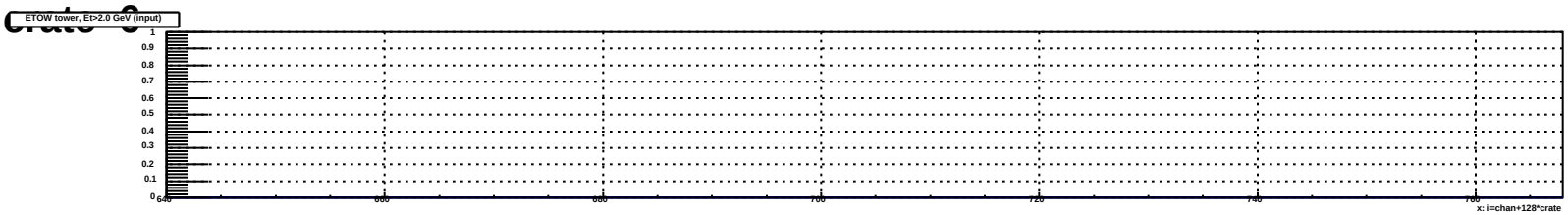

ETOW tower, Et>2.0 GeV (input)
x: i=chan+128*crate

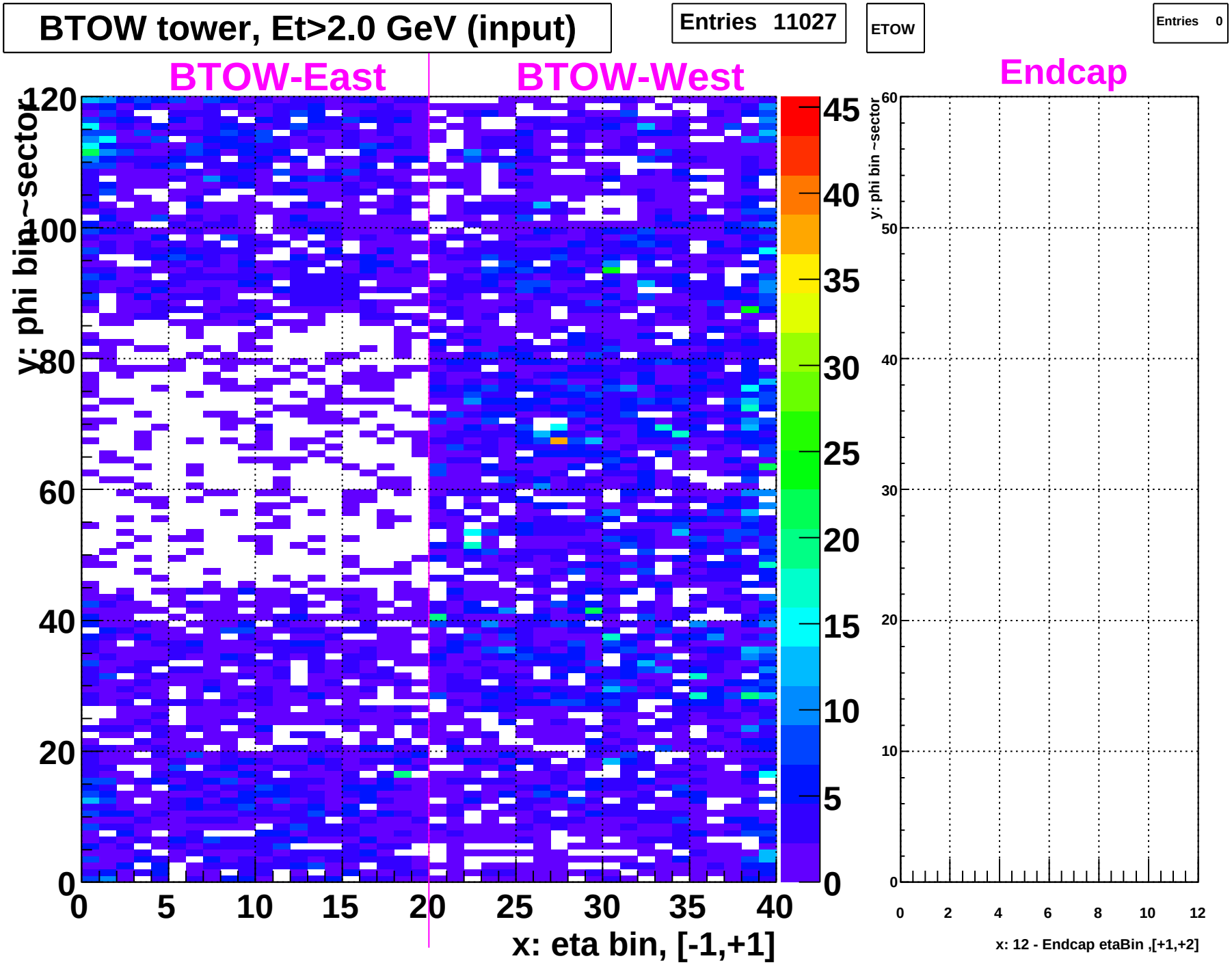

ETOW tower, Et>2.0 GeV (input)
x: i=chan+128*crate

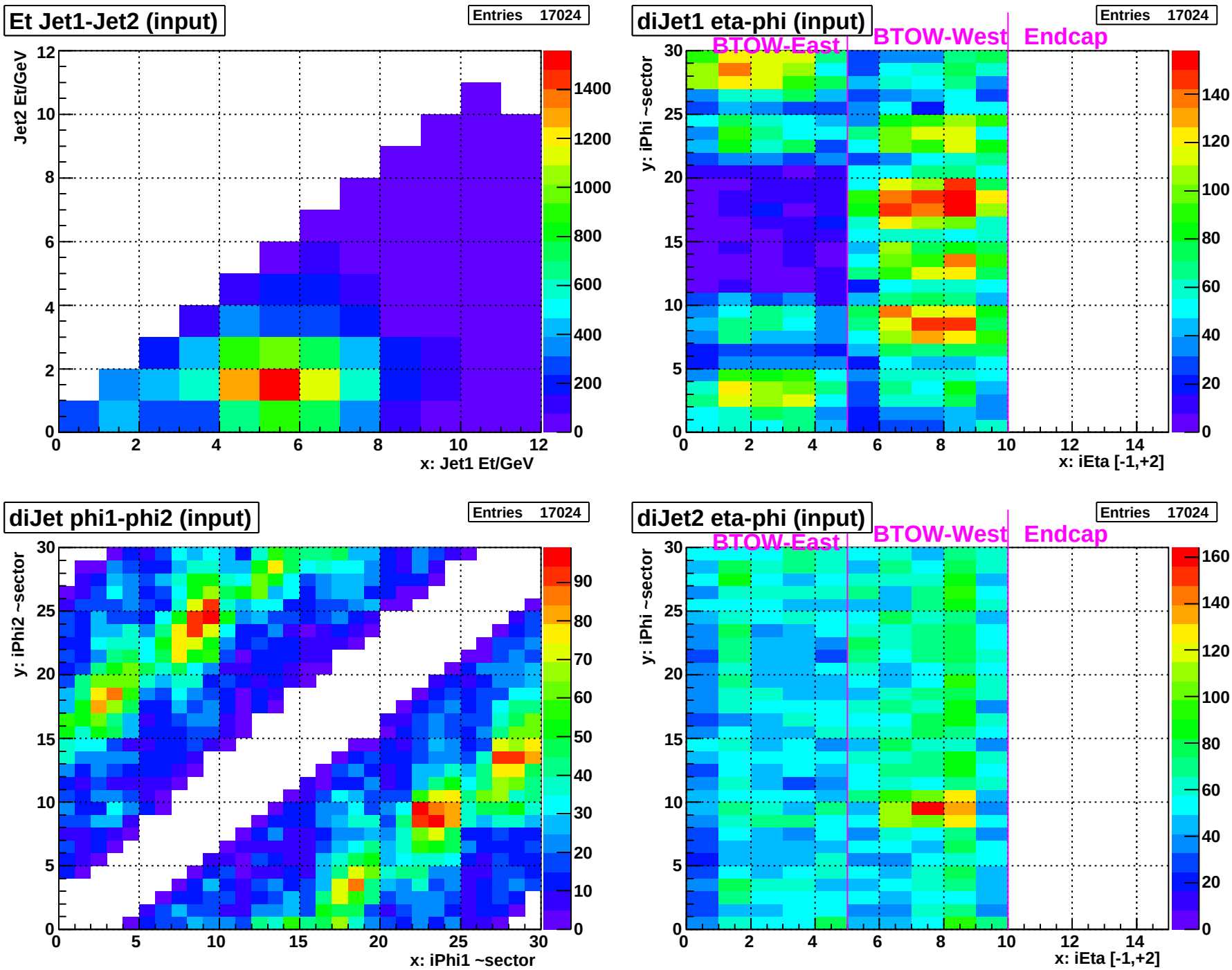

ETOW tower, Et>2.0 GeV (input)
x: i=chan+128*crate

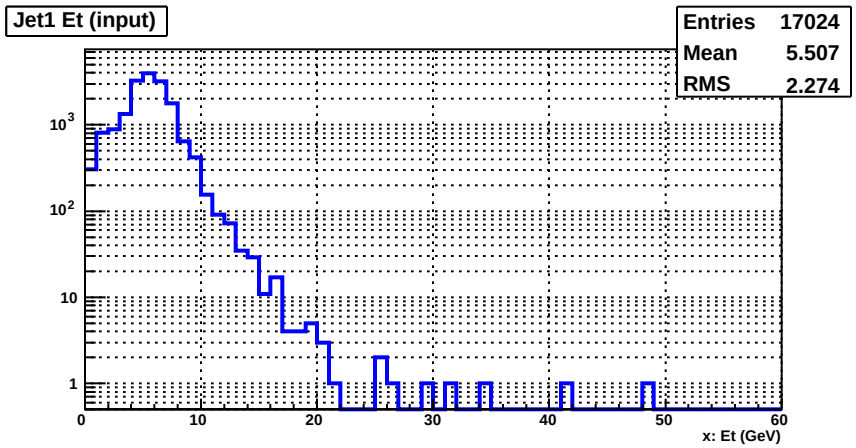

ETOW tower, Et>2.0 GeV (input)
x: i=chan+128*crate

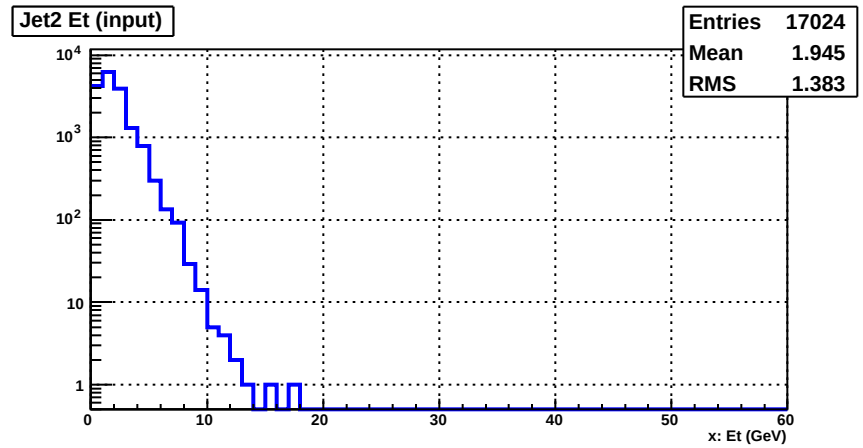

ETOW tower, Et>2.0 GeV (input)
x: i=chan+128*crate

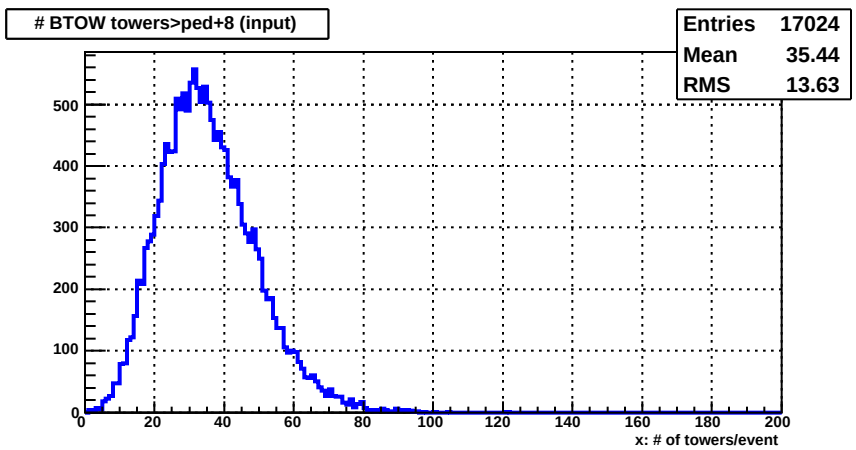

ETOW tower, Et>2.0 GeV (input)
x: i=chan+128*crate

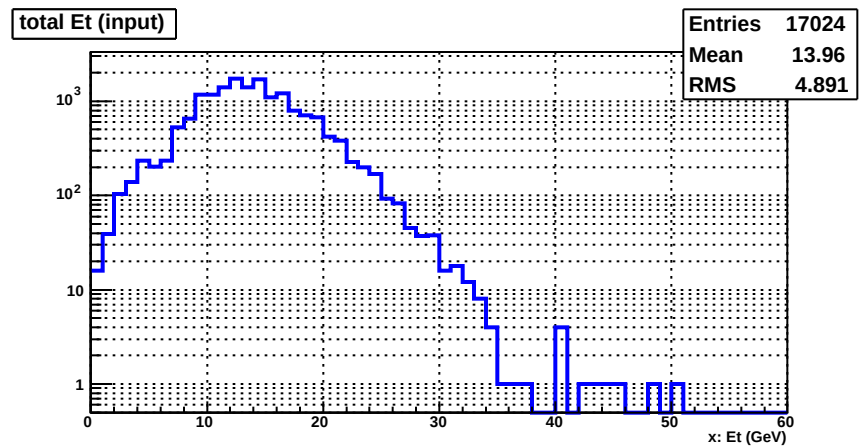

BTOW tower, Et>2.0 GeV (input)
Entries 11027
ETOW
Entries 0
BTOW-East
BTOW-West
Endcap
y: phi bin ~sector
x: eta bin, [-1,+1]
x: 12 - Endcap etaBin ,[+1,+2]

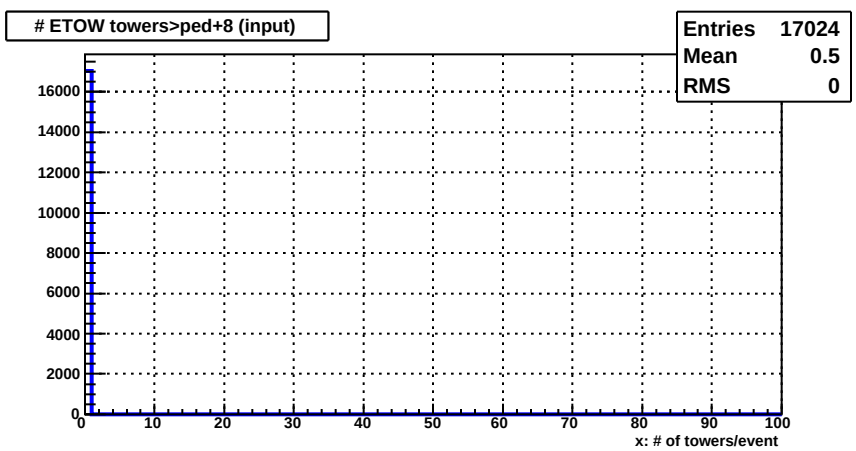

Et Jet1-Jet2 (input)
Entries 17024
Jet2 Et/GeV
x: Jet1 Et/GeV
diJet1 eta-phi (input)
Entries 17024
BTOW-East
BTOW-West
Endcap
y: iPhi ~sector
x: iEta [-1,+2]
diJet phi1-phi2 (input)
Entries 17024
y: iPhi2 ~sector
x: iPhi1 ~sector
diJet2 eta-phi (input)
Entries 17024
BTOW-East
BTOW-West
Endcap
y: iPhi ~sector
x: iEta [-1,+2]

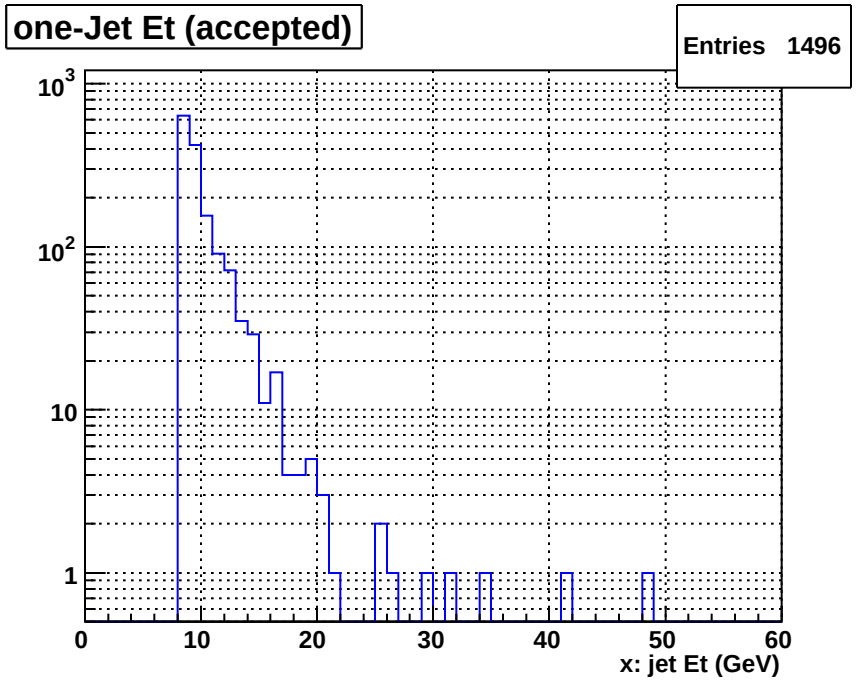

Jet1 Et (input)
Entries 17024
Mean 5.507
RMS 2.274
x: Et (GeV)

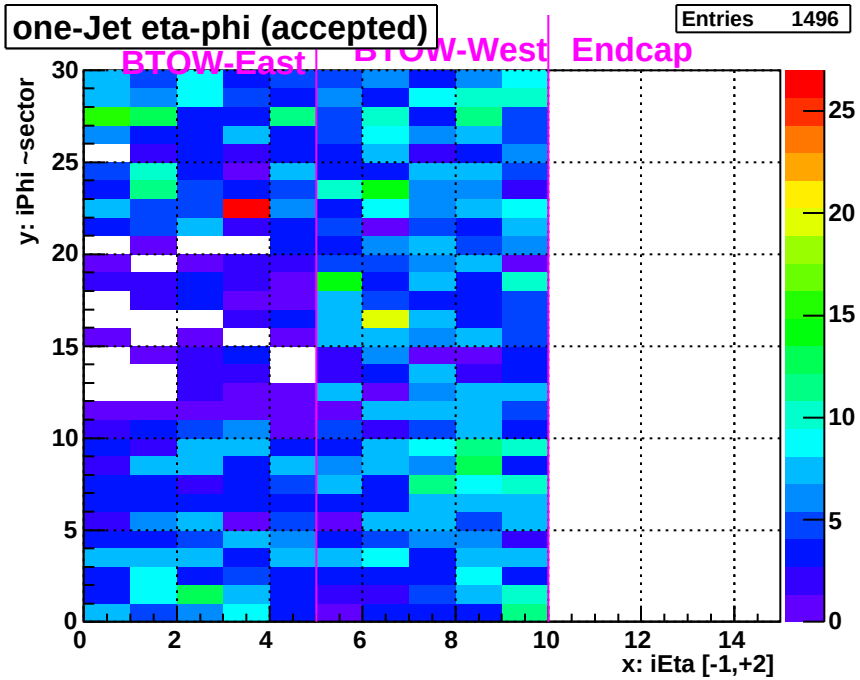

Jet2 Et (input)
Entries 17024
Mean 1.945
RMS 1.383
x: Et (GeV)

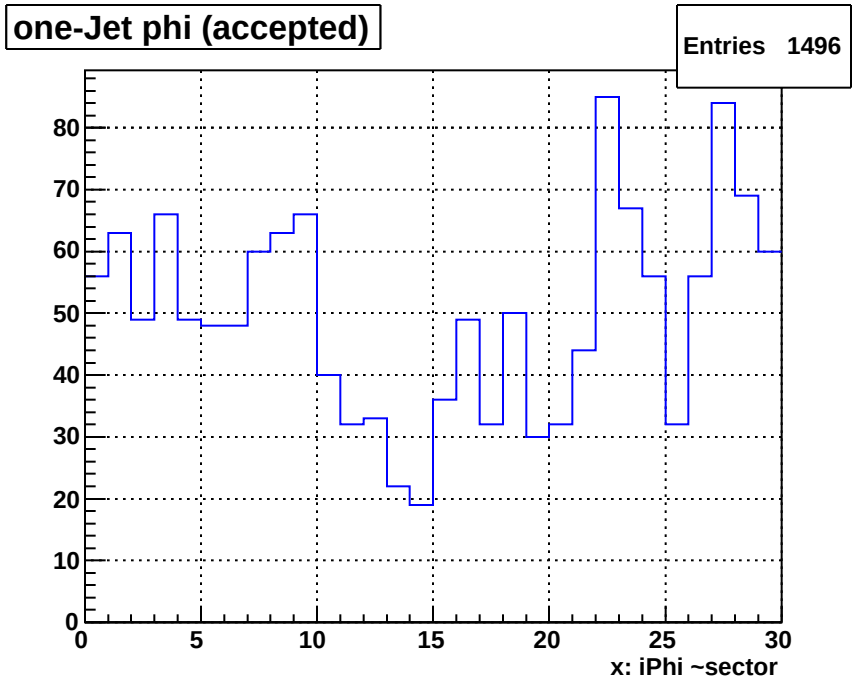

BTOW towers>ped+8 (input)
Entries 17024
Mean 35.44
RMS 13.63
x: # of towers/event

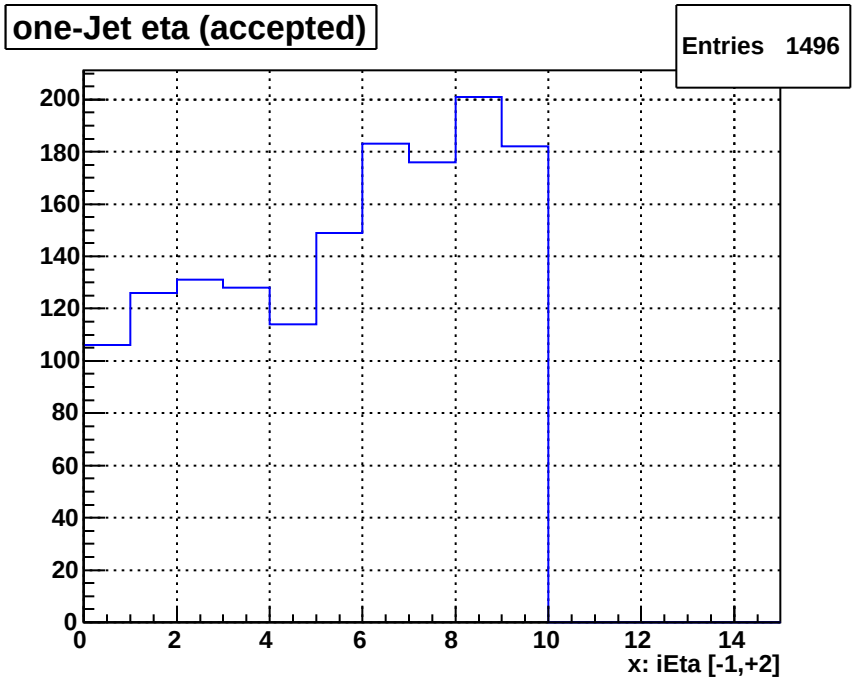

total Et (input)
Entries 17024
Mean 13.96
RMS 4.891
x: Et (GeV)

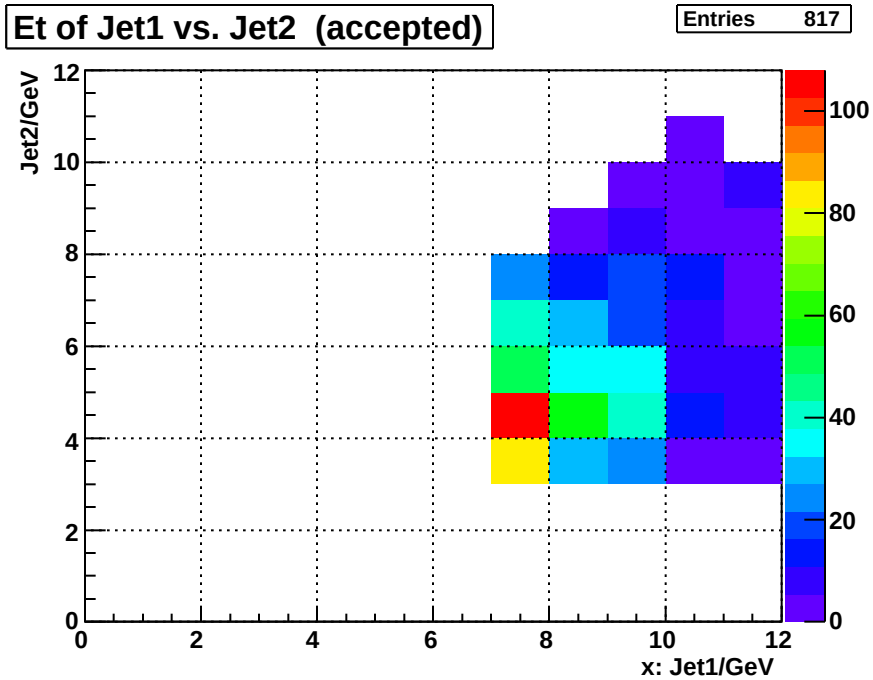

ETOW towers>ped+8 (input)
Entries 17024
Mean 0.5
RMS 0
x: # of towers/event

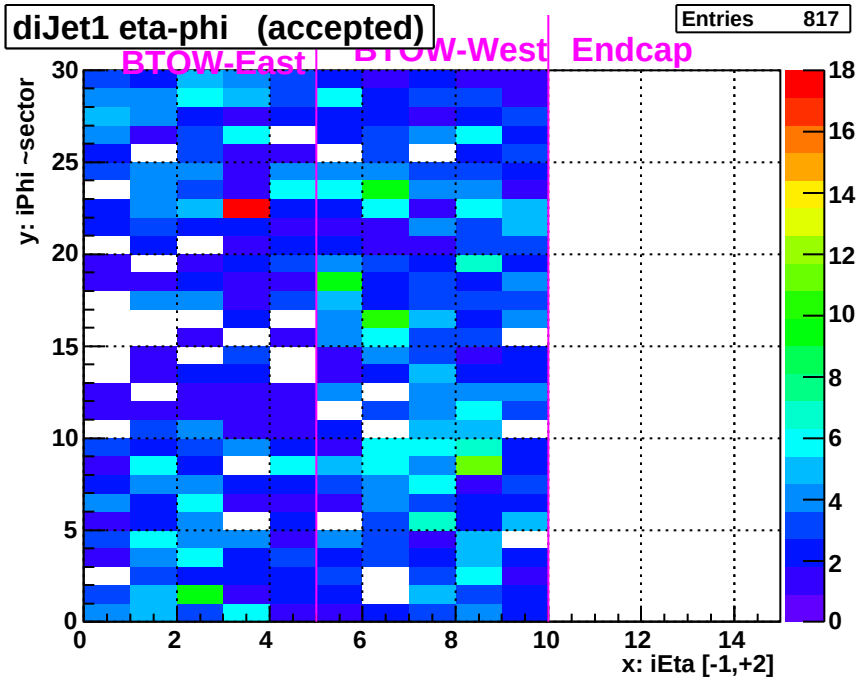

one-Jet Et (accepted)
Entries 1496
x: jet Et (GeV)

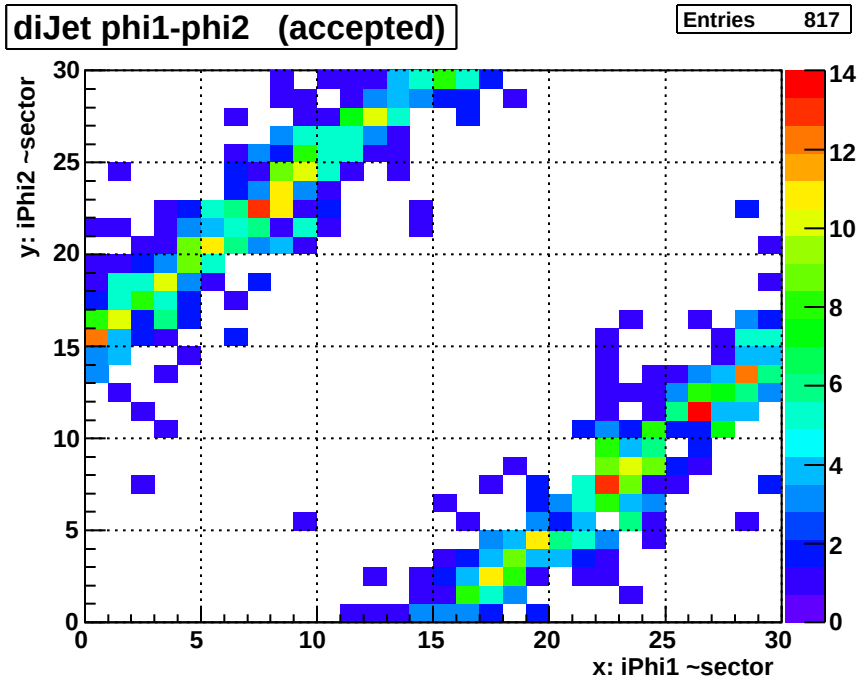

one-Jet eta-phi (accepted)
Entries 1496
BTOW-East
BTOW-West
Endcap
y: iPhi ~sector
x: iEta [-1,+2]

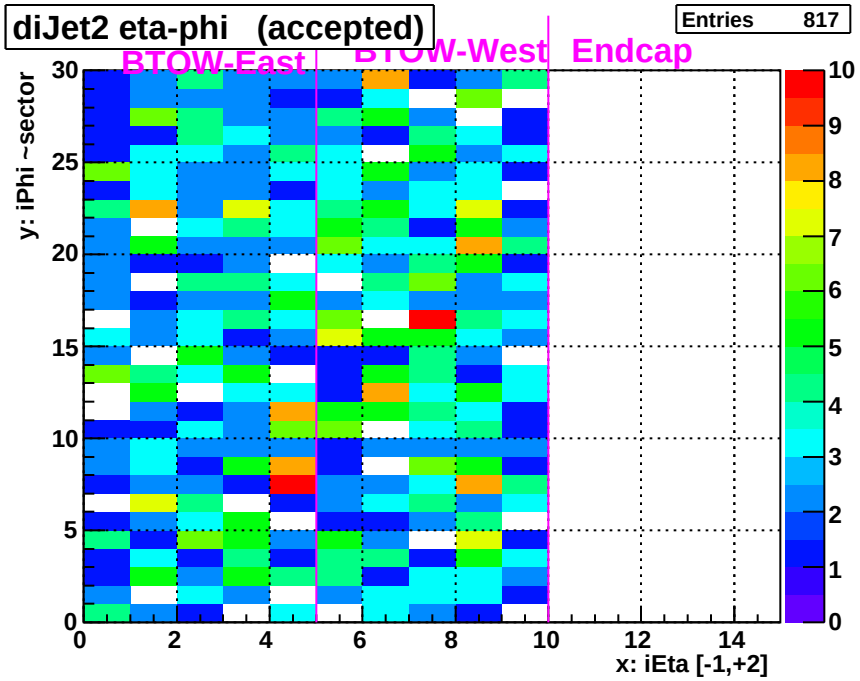

one-Jet phi (accepted)
Entries 1496
x: iPhi ~sector

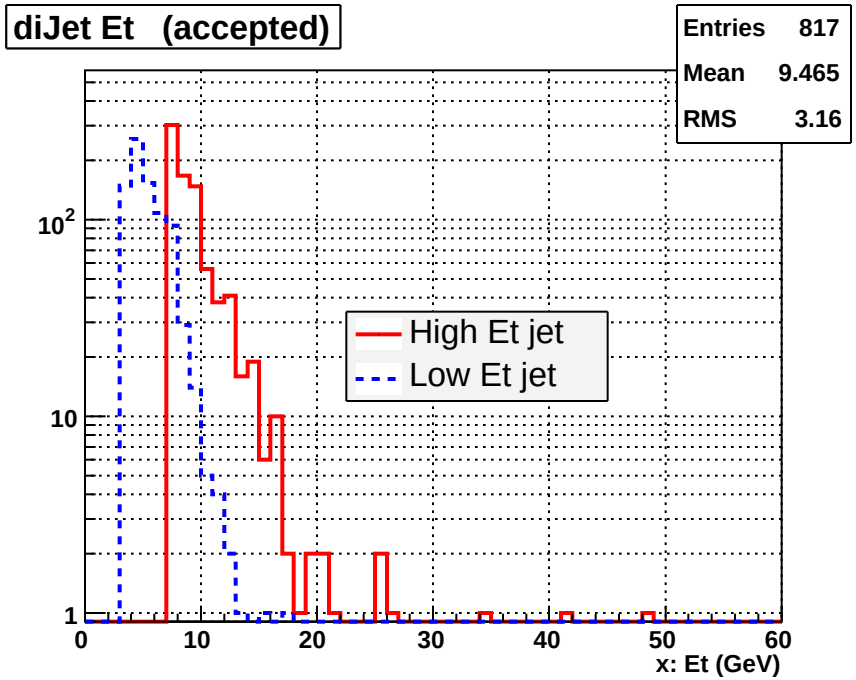

one-Jet eta (accepted)
Entries 1496
x: iEta [-1,+2]

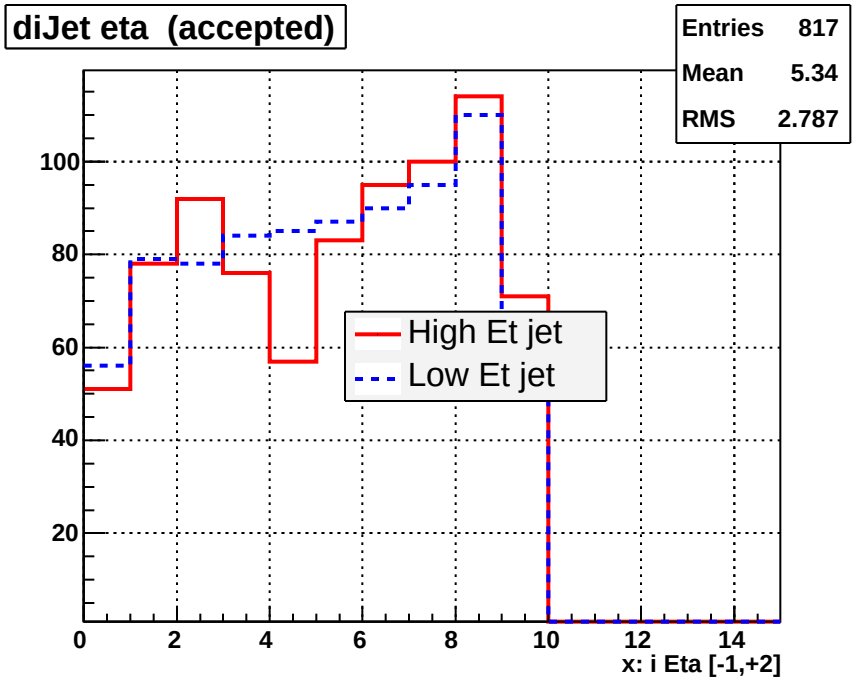

Et of Jet1 vs. Jet2 (accepted)
Entries 817
Jet2/GeV
x: Jet1/GeV

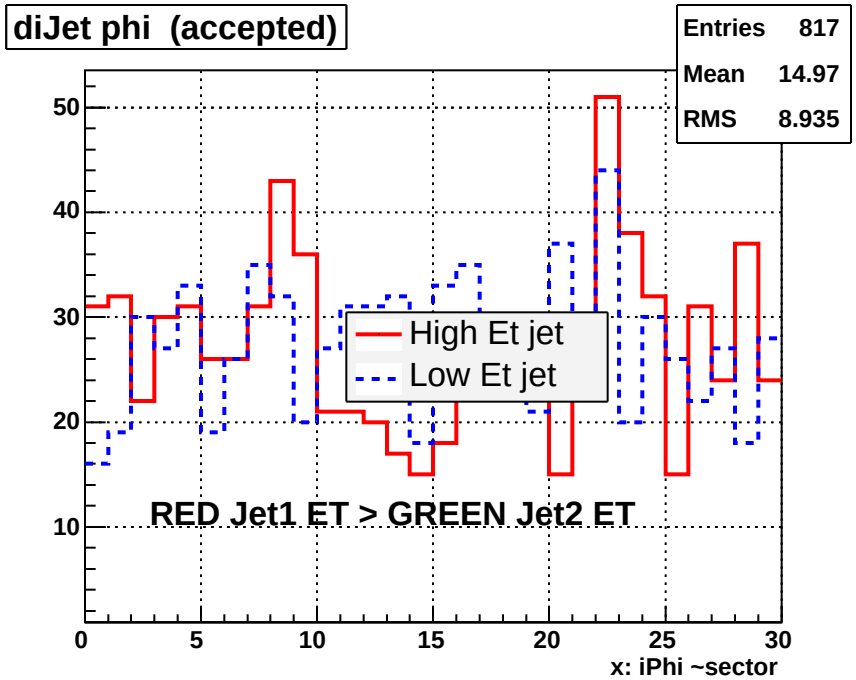

diJet1 eta-phi (accepted)
Entries 817
BTOW-East
BTOW-West
Endcap
y: iPhi ~sector
x: iEta [-1,+2]

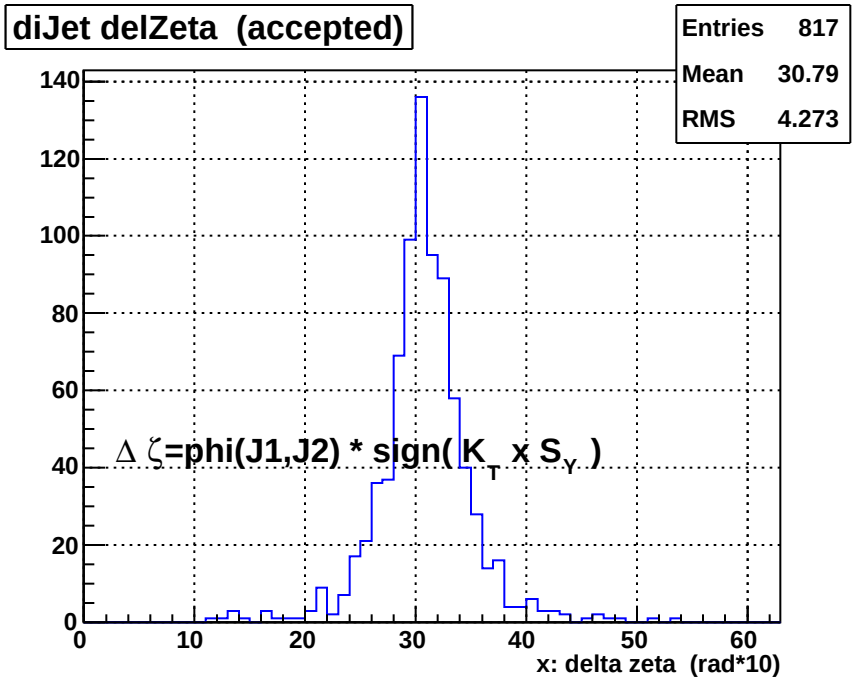

diJet phi1-phi2 (accepted)
Entries 817
y: iPhi2 ~sector
x: iPhi1 ~sector

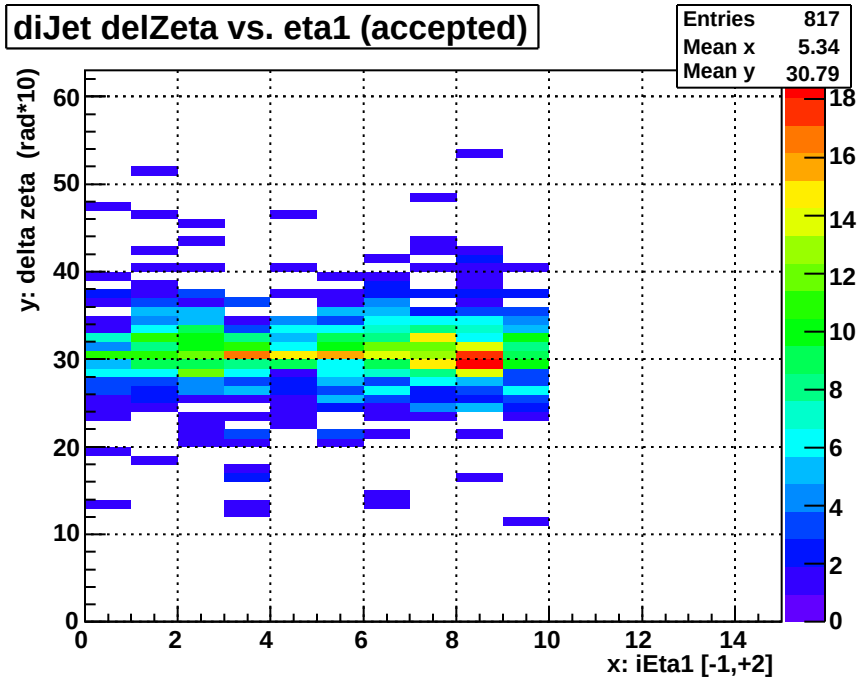

diJet2 eta-phi (accepted)
Entries 817
BTOW-East
BTOW-West
Endcap
y: iPhi ~sector
x: iEta [-1,+2]

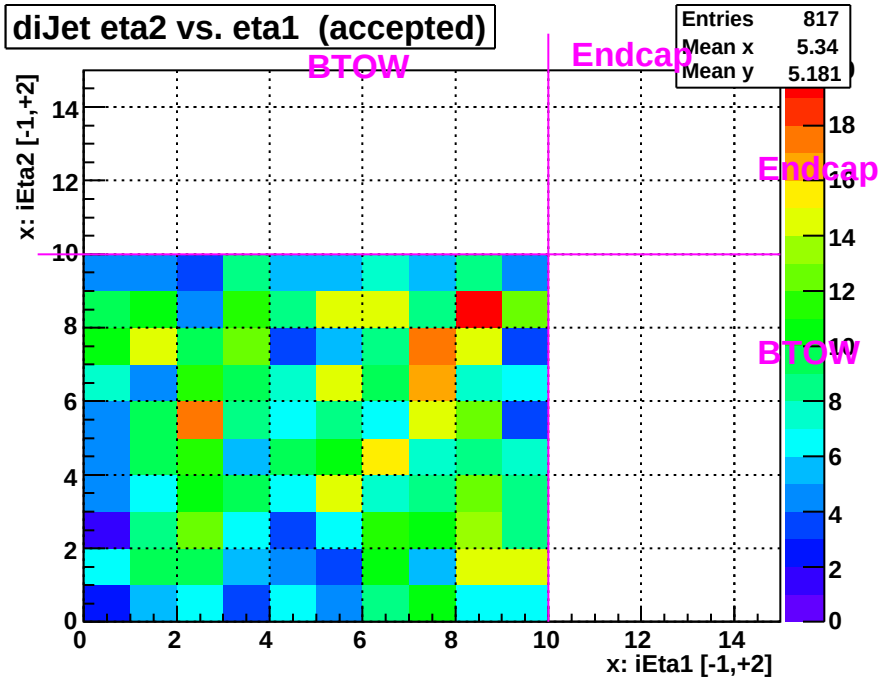

diJet Et (accepted)
Entries 817
Mean 9.465
RMS 3.16
High Et jet
Low Et jet
x: Et (GeV)

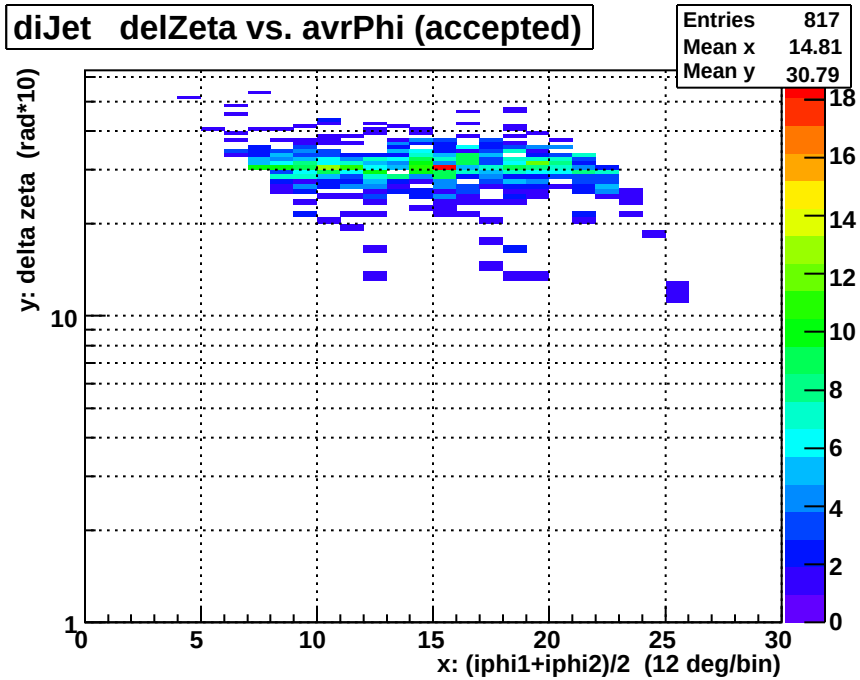

diJet eta (accepted)
Entries 817
Mean 5.34
RMS 2.787
High Et jet
Low Et jet
x: i Eta [-1,+2]

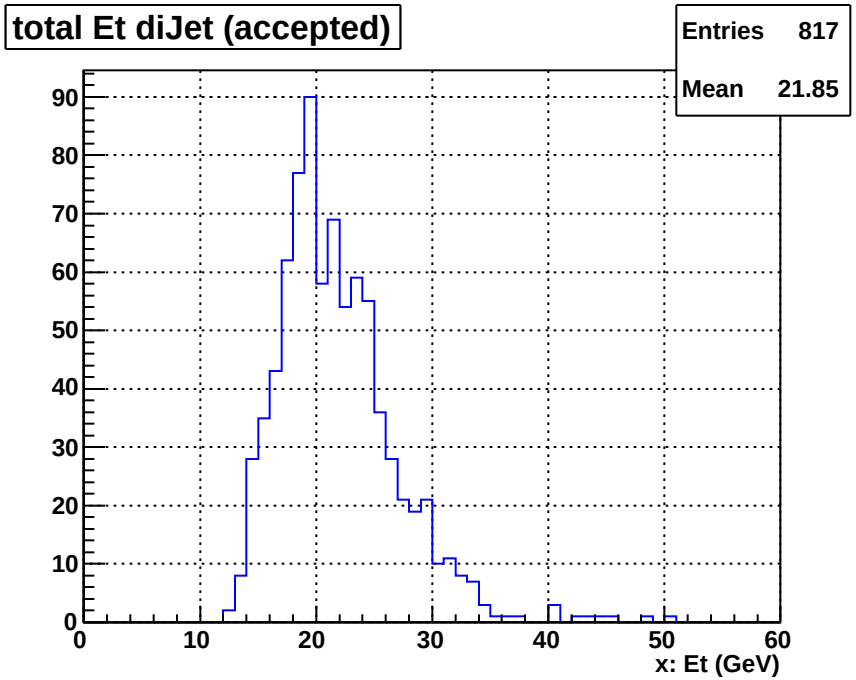

diJet phi (accepted)
Entries 817
Mean 14.97
RMS 8.935
High Et jet
Low Et jet
RED Jet1 ET > GREEN Jet2 ET
x: iPhi ~sector

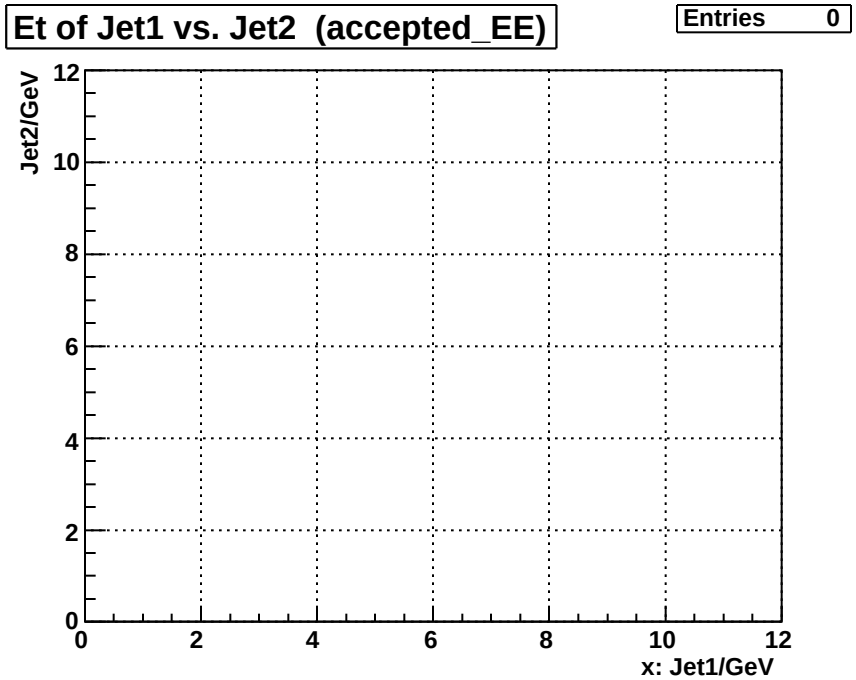

diJet delZeta (accepted)
Entries 817
Mean 30.79
RMS 4.273
Δ ζ=phi(J1,J2) * sign(K_T x S_Y)
x: delta zeta (rad*10)

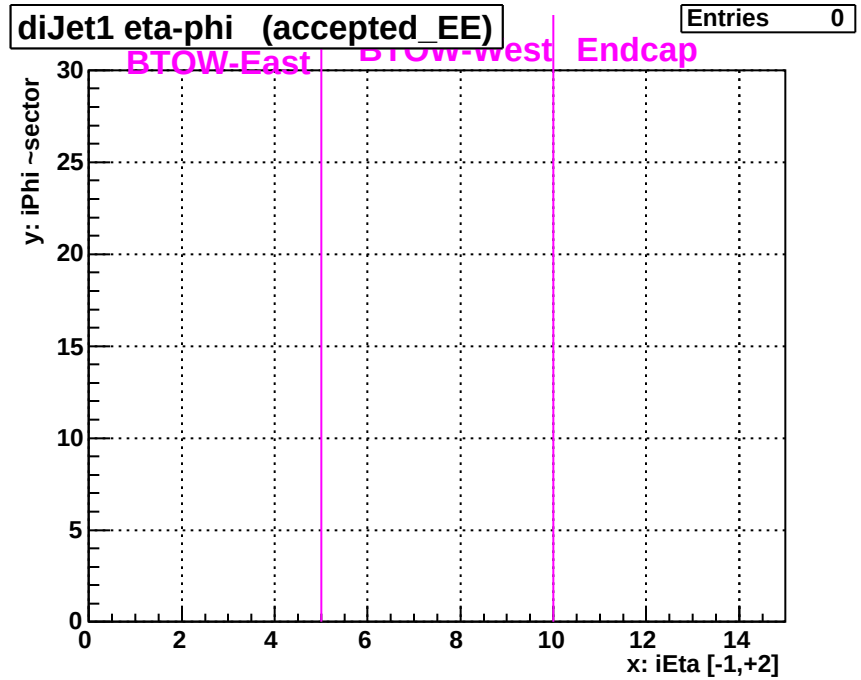

diJet delZeta vs. eta1 (accepted)
Entries 817
Mean x 5.34
Mean y 30.79
y: delta zeta (rad*10)
x: iEta1 [-1,+2]

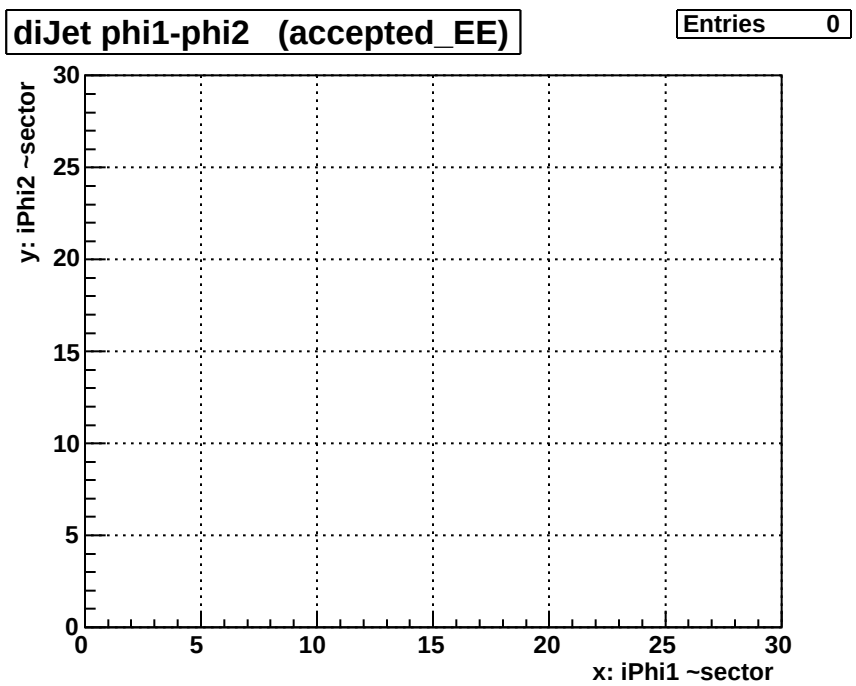

diJet eta2 vs. eta1 (accepted)
Entries 817
Mean x 5.34
Mean y 5.181
BTOW
Endcap
Endcap
BTOW
x: iEta2 [-1,+2]
x: iEta1 [-1,+2]

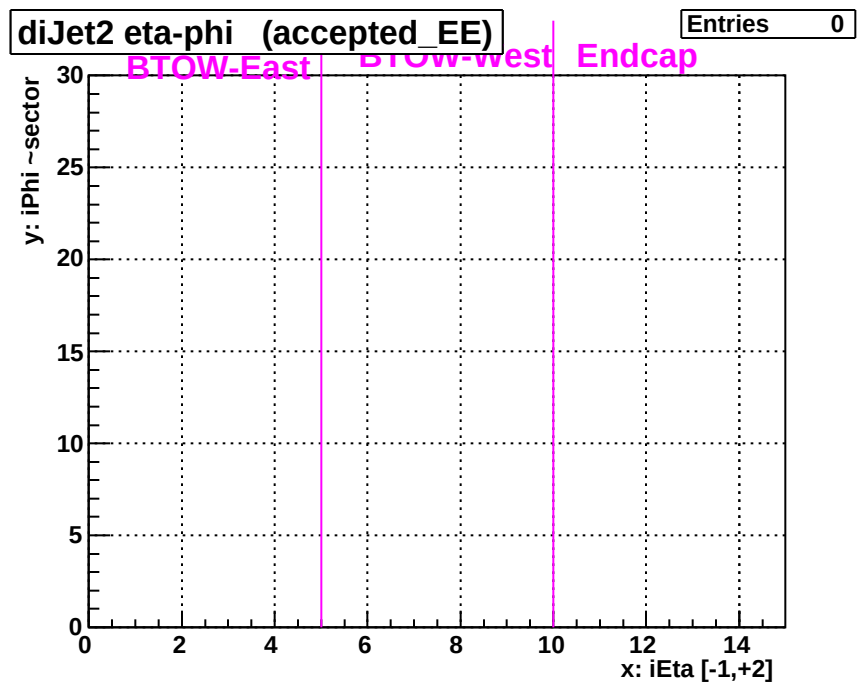

diJet delZeta vs. avrPhi (accepted)
Entries 817
Mean x 14.81
Mean y 30.79
y: delta zeta (rad*10)
x: (iphi1+iphi2)/2 (12 deg/bin)

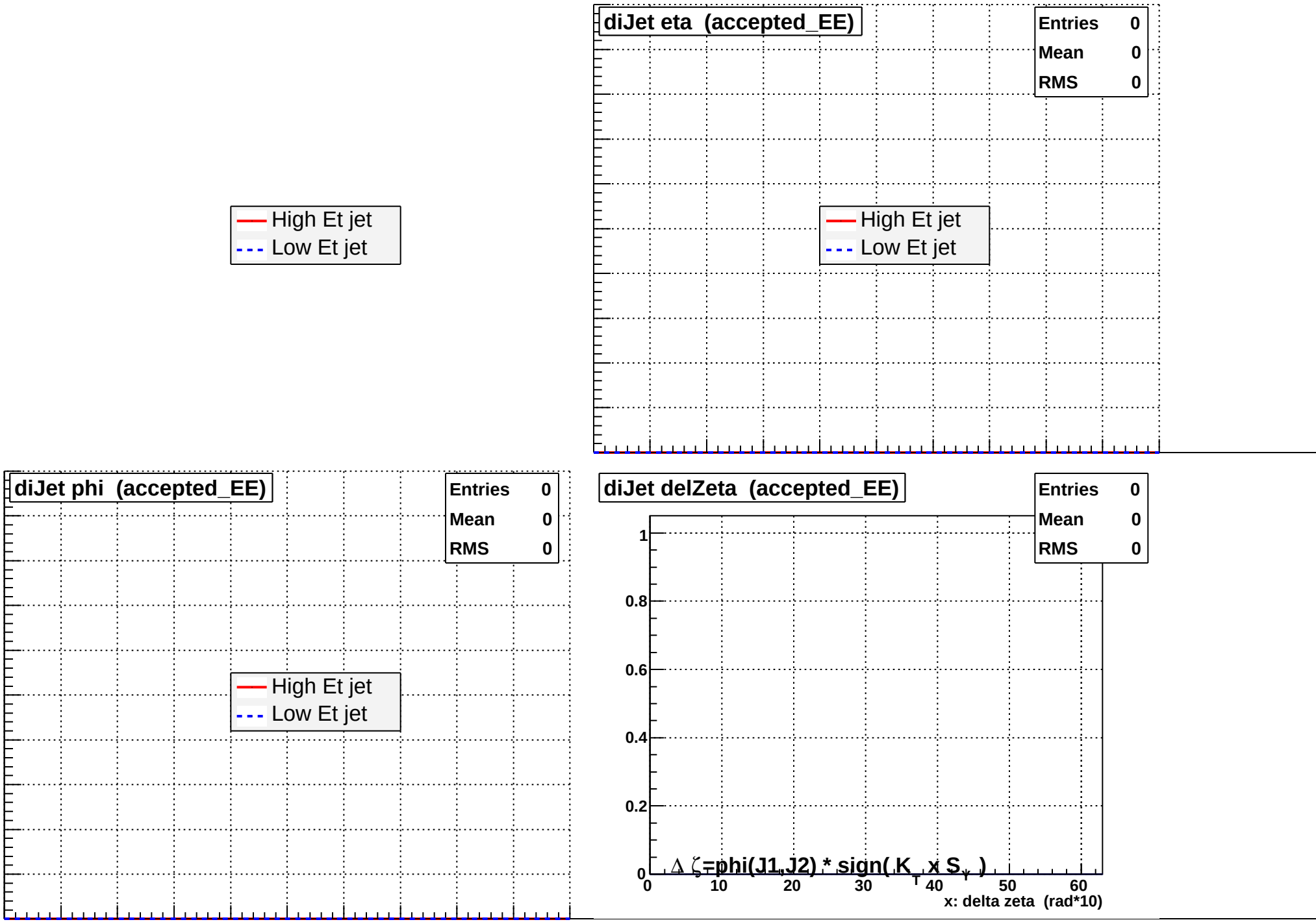

total Et diJet (accepted)
Entries 817
Mean 21.85
x: Et (GeV)

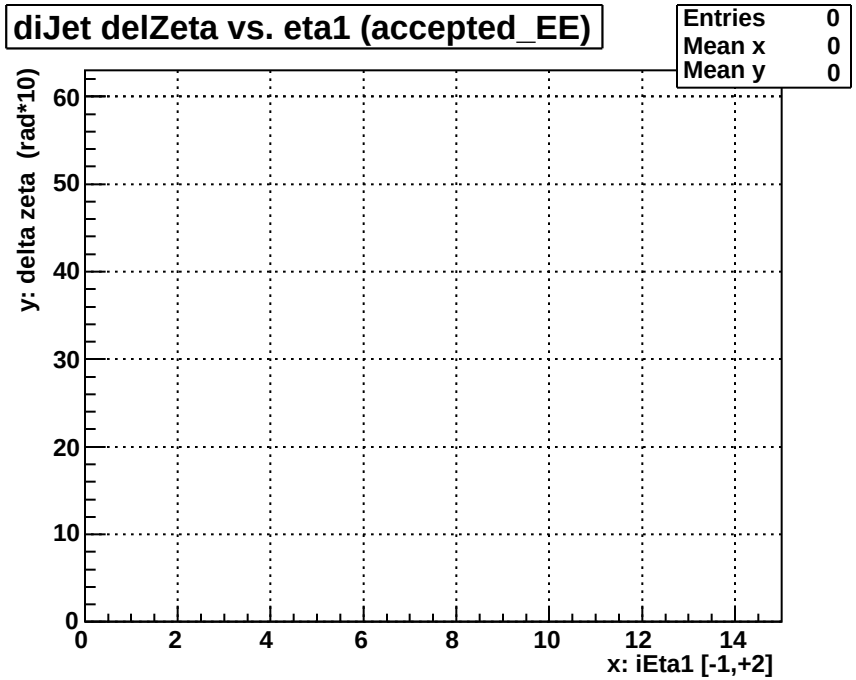

Et of Jet1 vs. Jet2 (accepted_EE)
Entries 0
Jet2/GeV
x: Jet1/GeV

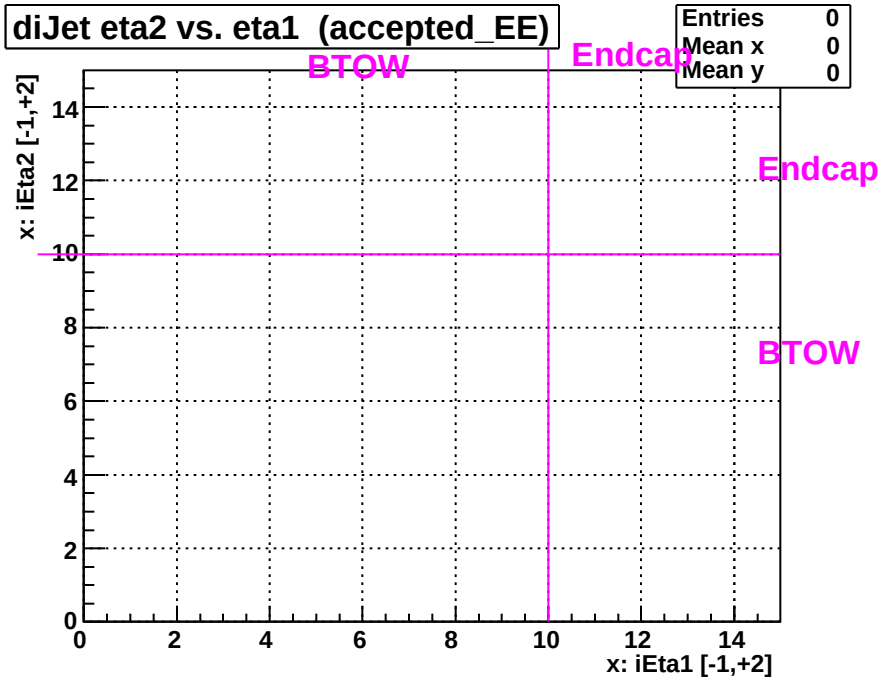

diJet1 eta-phi (accepted_EE)
Entries 0
BTOW-East
BTOW-West
Endcap
y: iPhi ~sector
x: iEta [-1,+2]

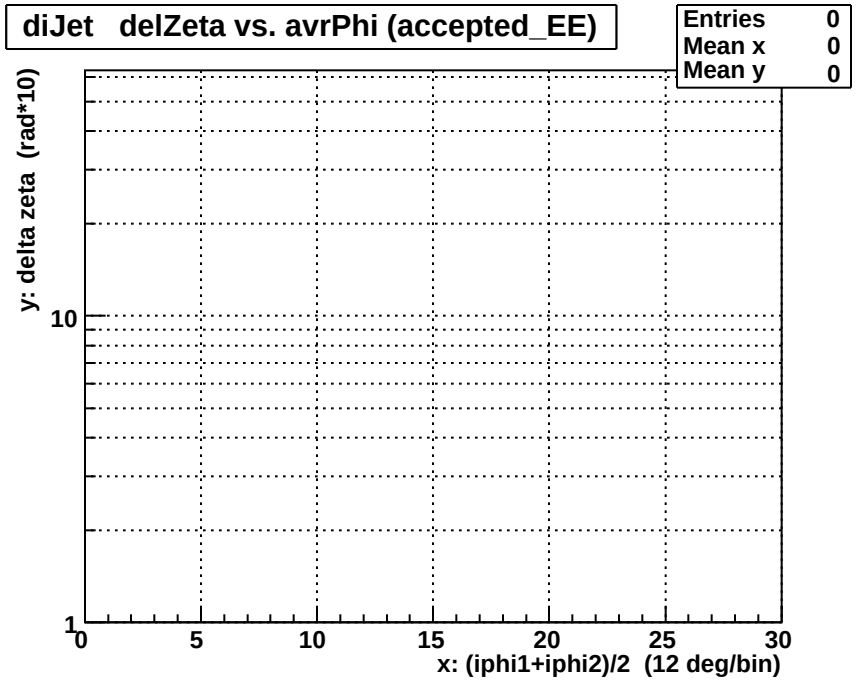

diJet phi1-phi2 (accepted_EE)
Entries 0
y: iPhi2 ~sector
x: iPhi1 ~sector

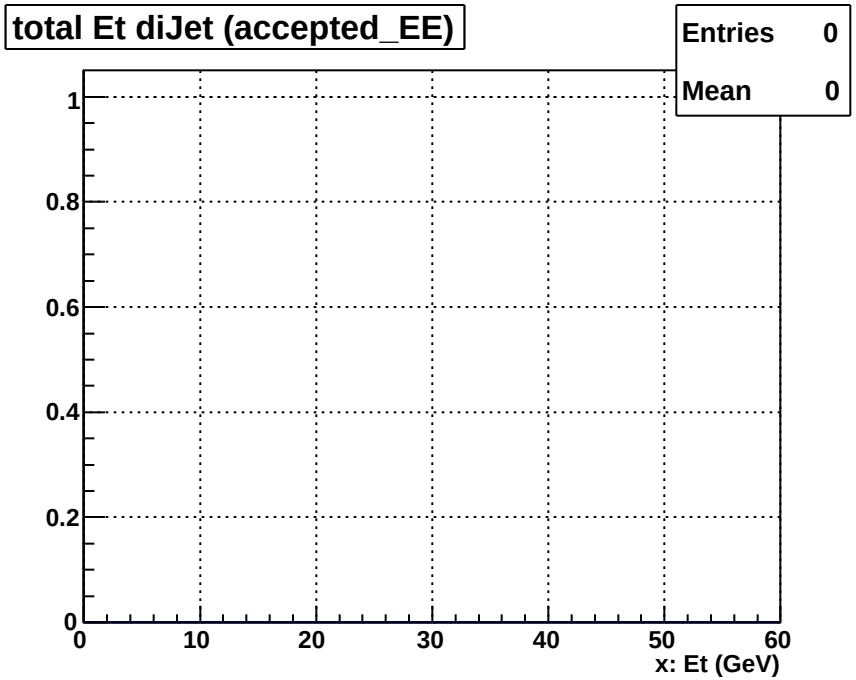

diJet2 eta-phi (accepted_EE)
Entries 0
BTOW-East
BTOW-West
Endcap
y: iPhi ~sector
x: iEta [-1,+2]

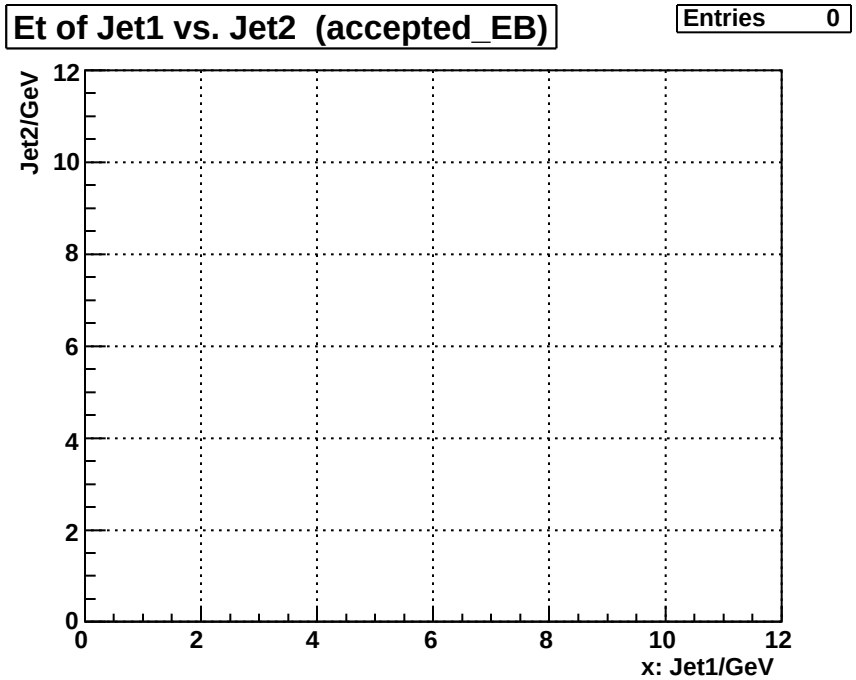

High Et jet
Low Et jet
diJet eta (accepted_EE)
Entries 0
Mean 0
RMS 0
High Et jet
Low Et jet
diJet phi (accepted_EE)
Entries 0
Mean 0
RMS 0
High Et jet
Low Et jet
diJet delZeta (accepted_EE)
Entries 0
Mean 0
RMS 0
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
Δ ζ=phi(J1,J2) * sign(K_T x S_Y)
x: delta zeta (rad*10)

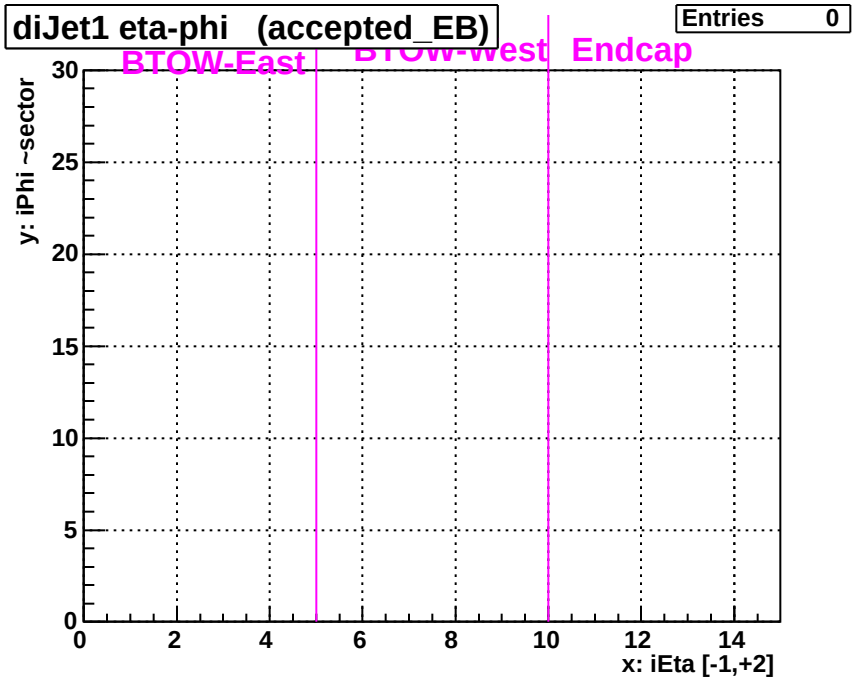

diJet delZeta vs. eta1 (accepted_EE)
Entries 0
Mean x 0
Mean y 0
y: delta zeta (rad*10)
x: iEta1 [-1,+2]

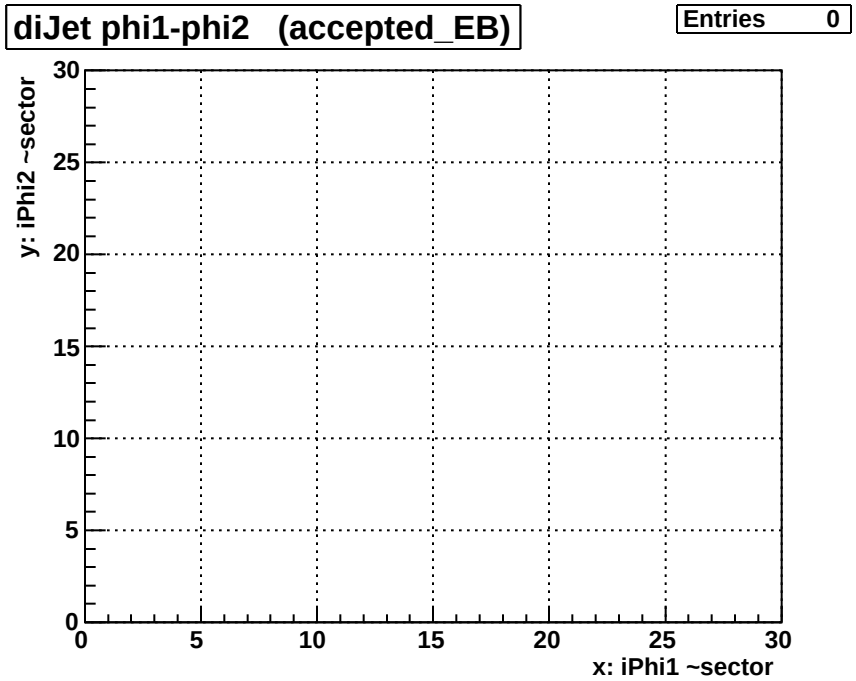

diJet eta2 vs. eta1 (accepted_EE)
Entries 0
Mean x 0
Mean y 0
BTOW
Endcap
Endcap
BTOW
x: iEta2 [-1,+2]
x: iEta1 [-1,+2]

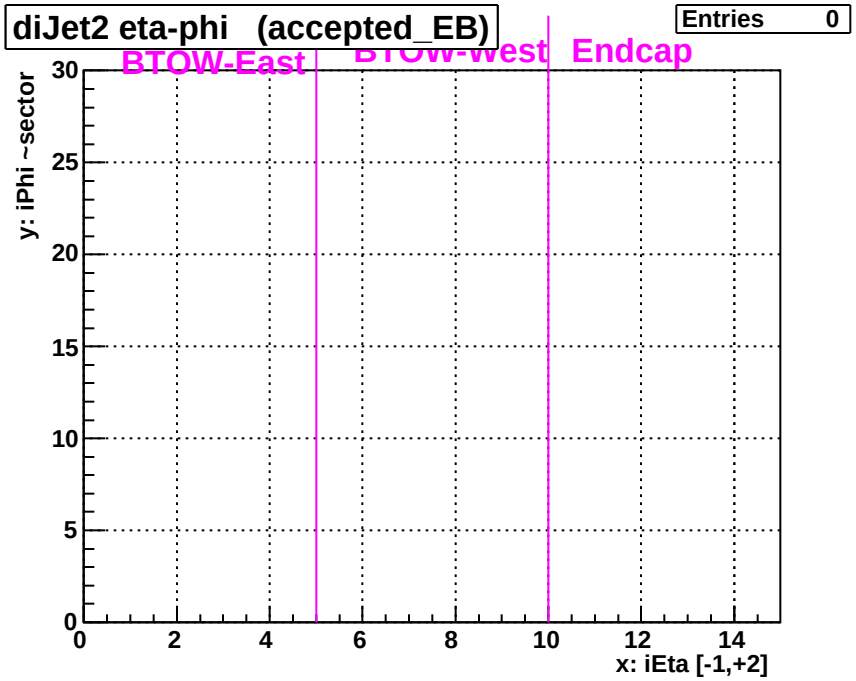

diJet delZeta vs. avrPhi (accepted_EE)
Entries 0
Mean x 0
Mean y 0
y: delta zeta (rad*10)
x: (iphi1+iphi2)/2 (12 deg/bin)

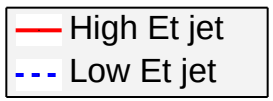

total Et diJet (accepted_EE)
Entries 0
Mean 0
x: Et (GeV)

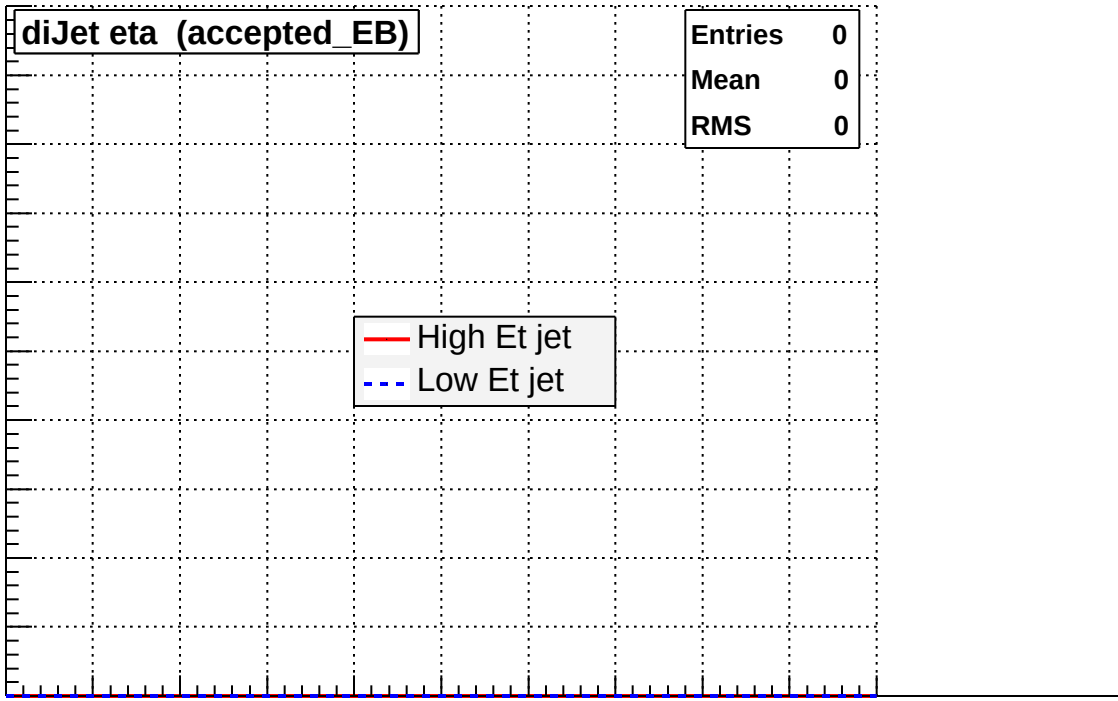

Et of Jet1 vs. Jet2 (accepted_EB)
Entries 0
Jet2/GeV
x: Jet1/GeV

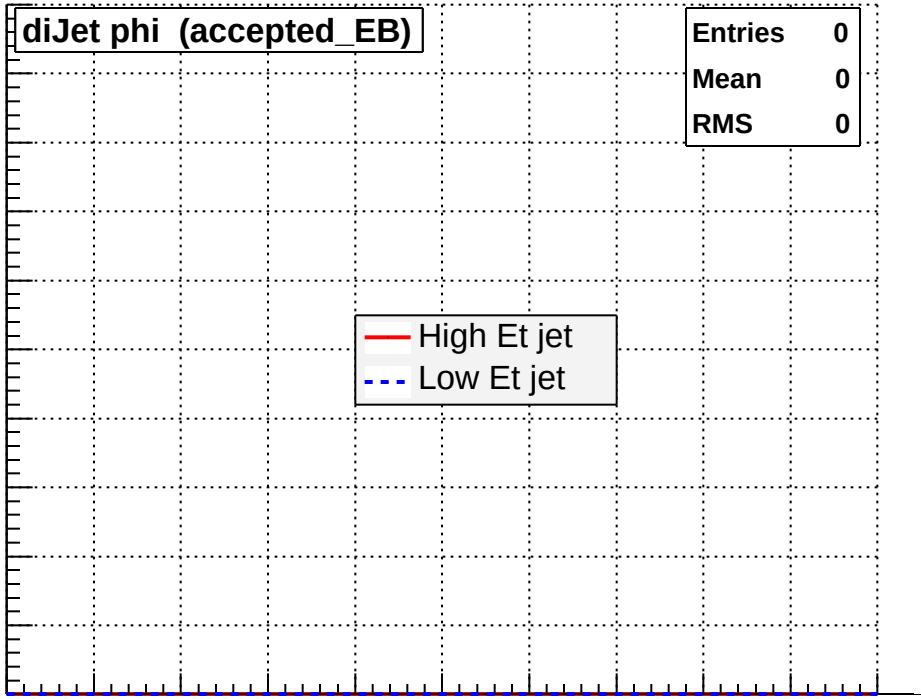

diJet1 eta-phi (accepted_EB)
Entries 0
BTOW-East
BTOW-West
Endcap
y: iPhi ~sector
x: iEta [-1,+2]

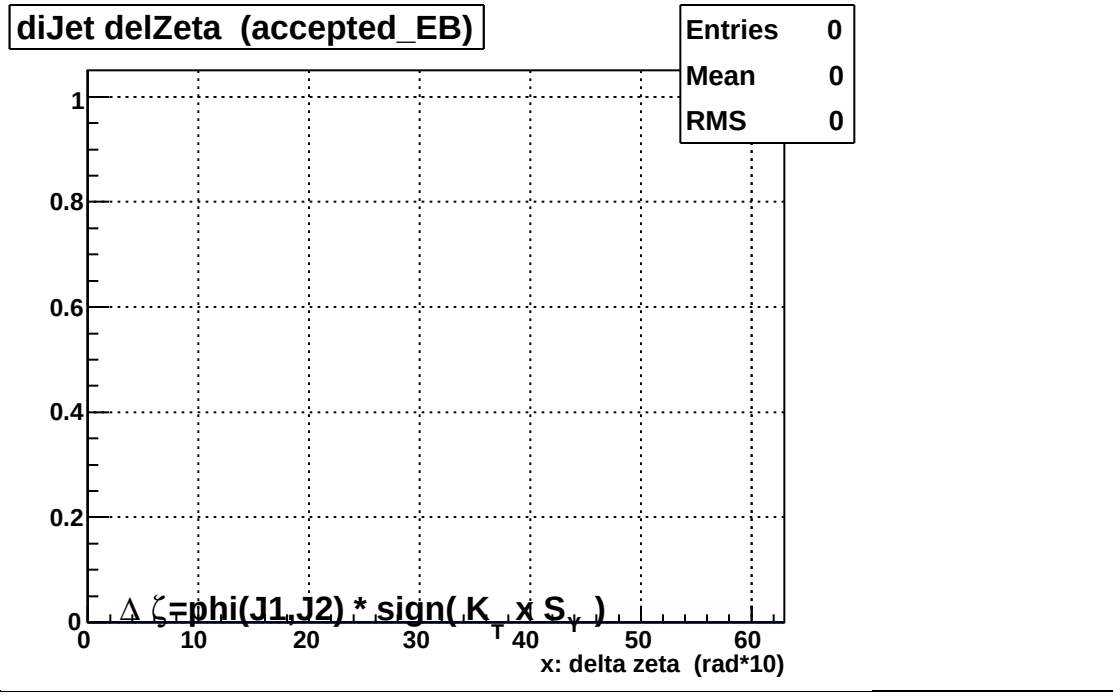

diJet phi1-phi2 (accepted_EB)
Entries 0
y: iPhi2 ~sector
x: iPhi1 ~sector

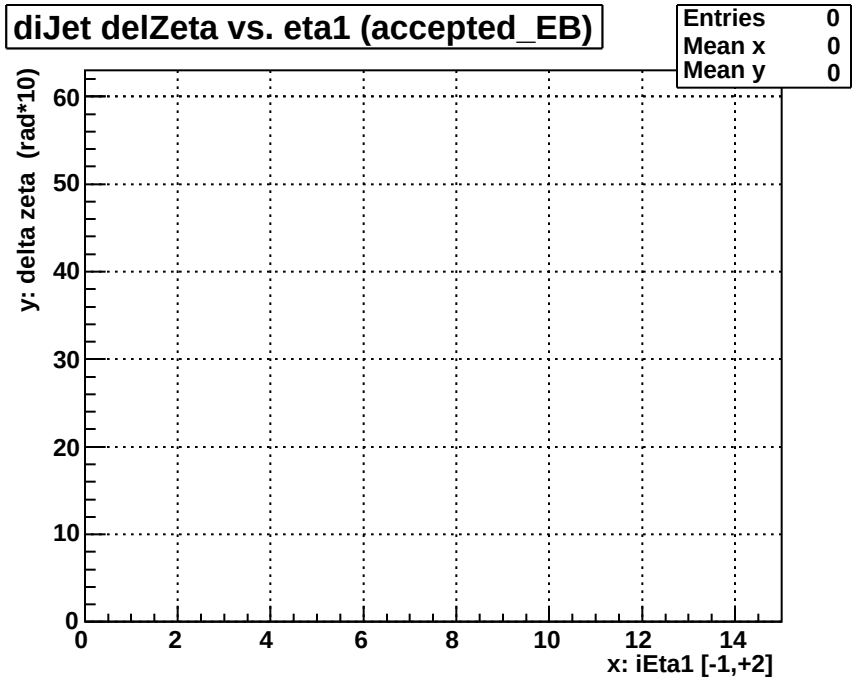

diJet2 eta-phi (accepted_EB)
Entries 0
BTOW-East
BTOW-West
Endcap
y: iPhi ~sector
x: iEta [-1,+2]

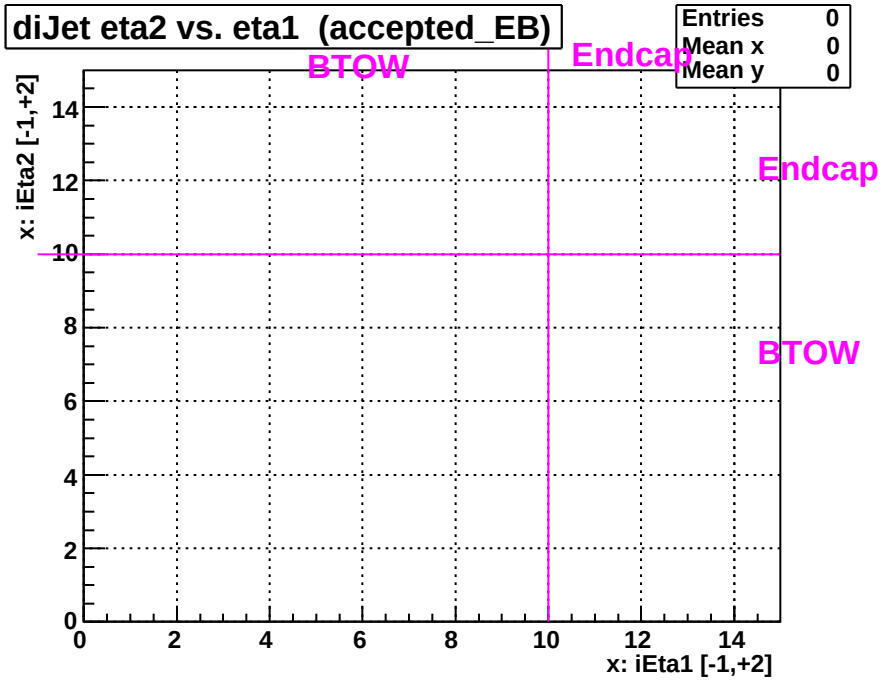

High Et jet
Low Et jet

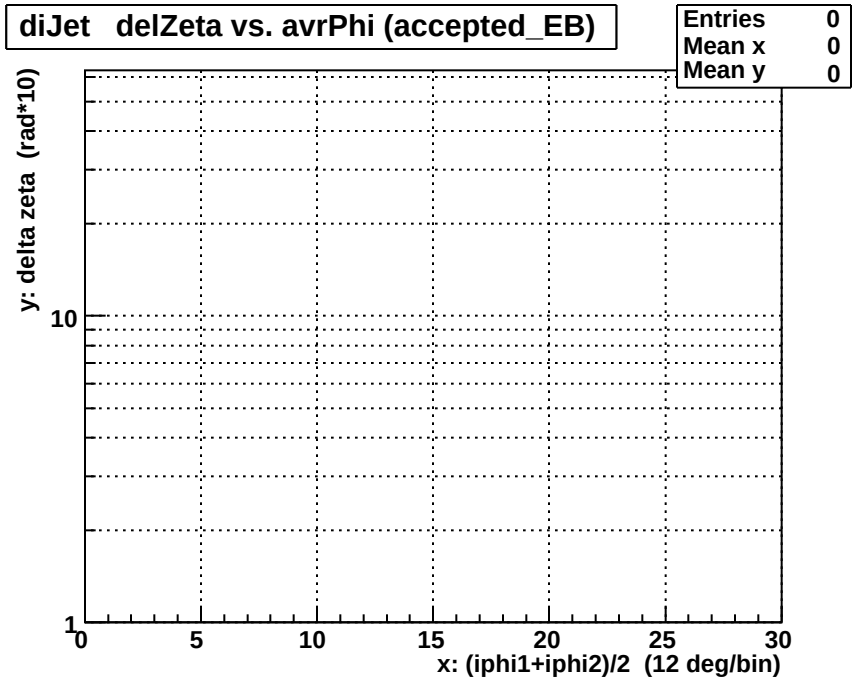

diJet eta (accepted_EB)
Entries 0
Mean 0
RMS 0
High Et jet
Low Et jet

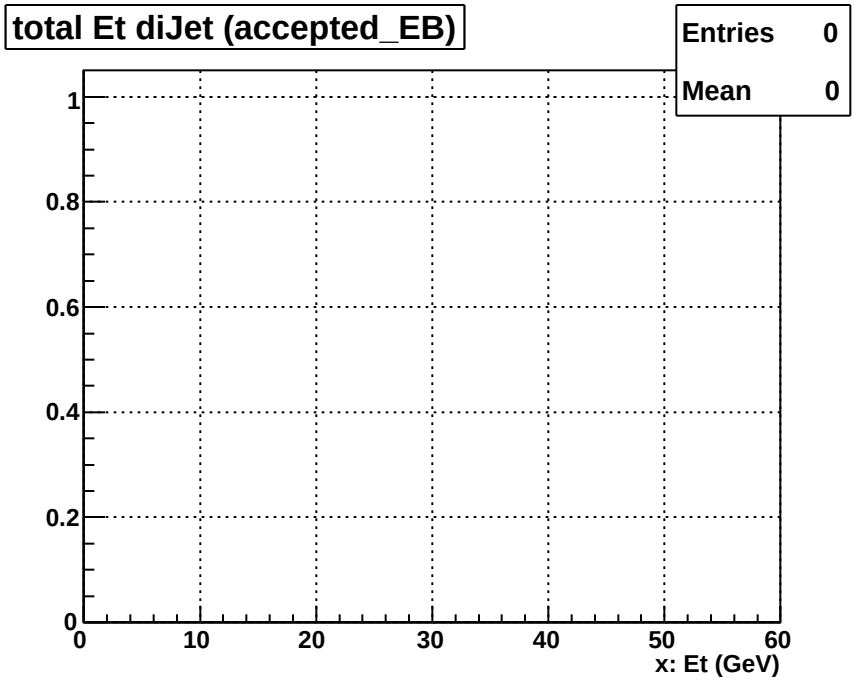

diJet phi (accepted_EB)
Entries 0
Mean 0
RMS 0
High Et jet
Low Et jet

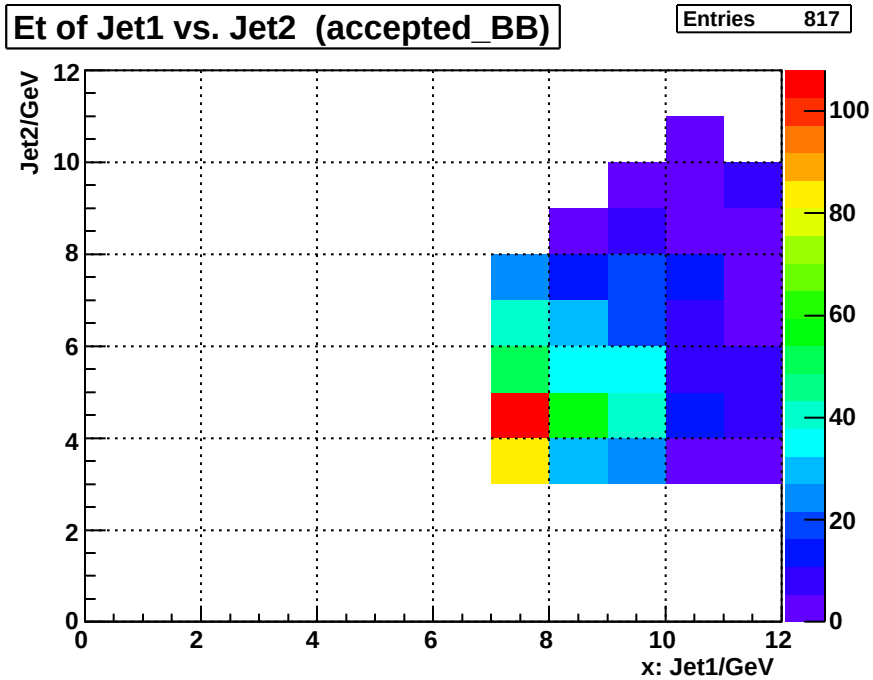

diJet delZeta (accepted_EB)
Entries 0
Mean 0
RMS 0
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
x: delta zeta (rad*10)
Δ ζ=phi(J1,J2) * sign(K_T x S_Y)

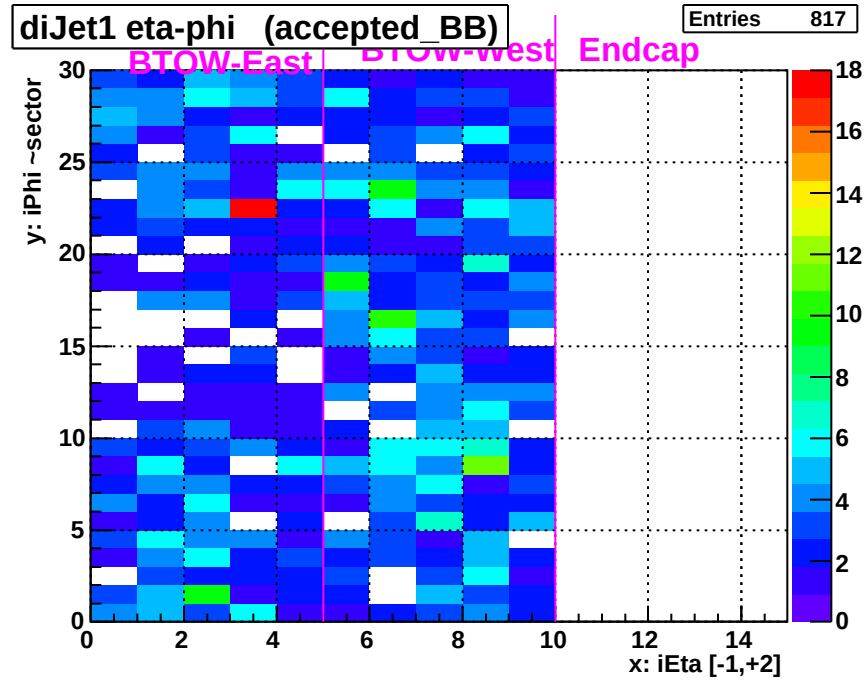

diJet delZeta vs. eta1 (accepted_EB)
Entries 0
Mean x 0
Mean y 0
y: delta zeta (rad*10)
x: iEta1 [-1,+2]

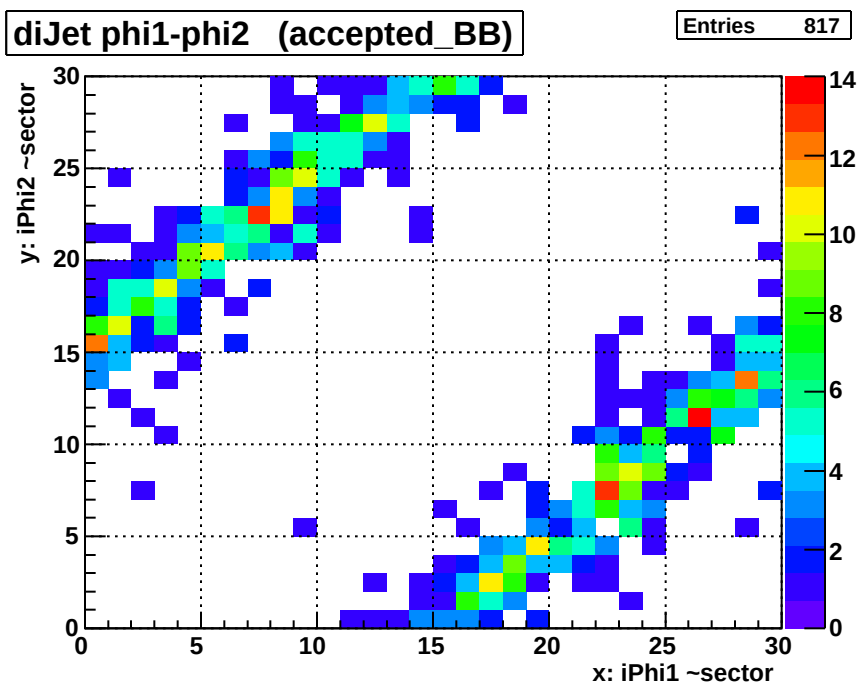

diJet eta2 vs. eta1 (accepted_EB)
Entries 0
Mean x 0
Mean y 0
BTOW
Endcap
Endcap
BTOW
x: iEta2 [-1,+2]
x: iEta1 [-1,+2]

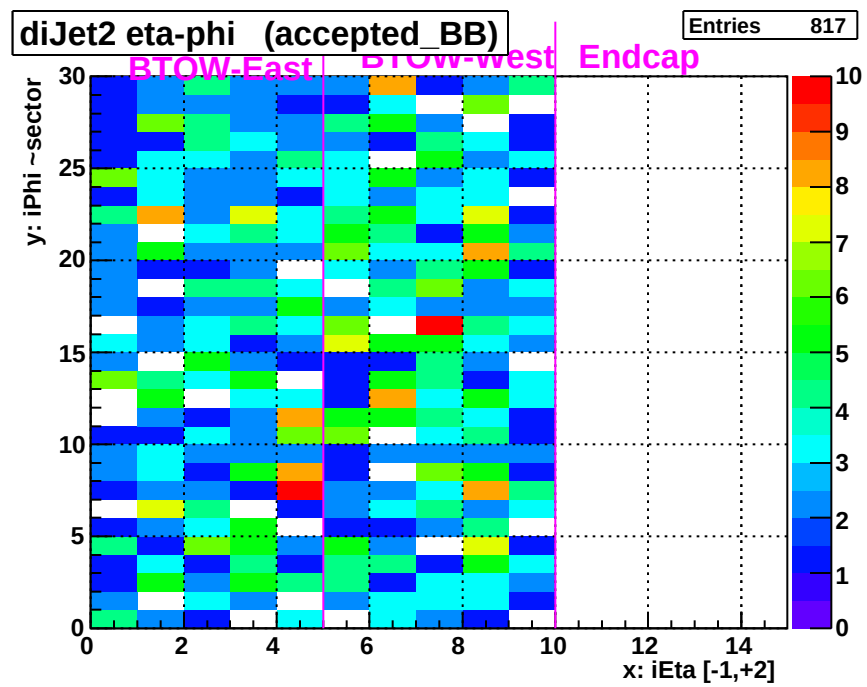

diJet delZeta vs. avrPhi (accepted_EB)
Entries 0
Mean x 0
Mean y 0
y: delta zeta (rad*10)
x: (iphi1+iphi2)/2 (12 deg/bin)

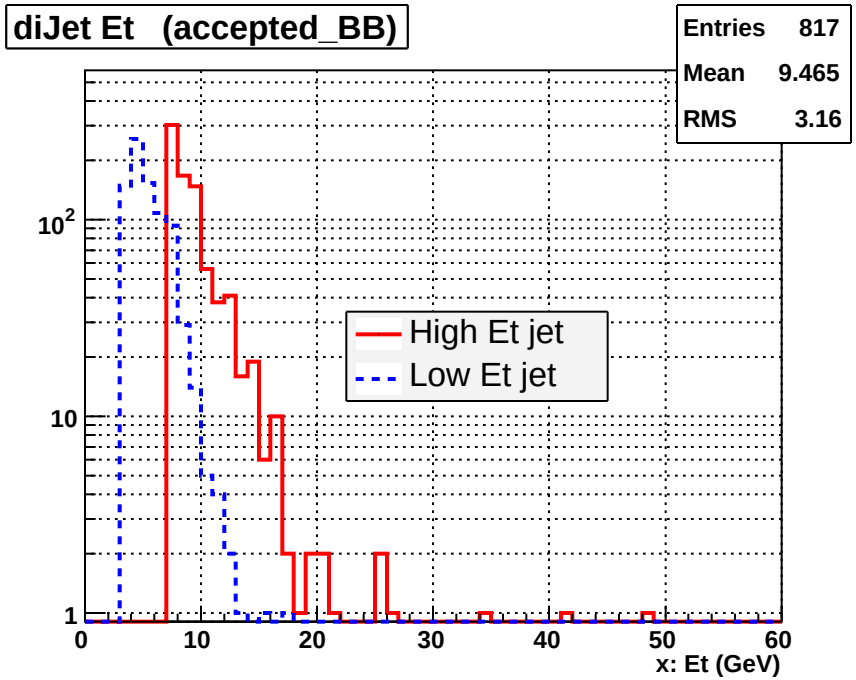

total Et diJet (accepted_EB)
Entries 0
Mean 0
x: Et (GeV)

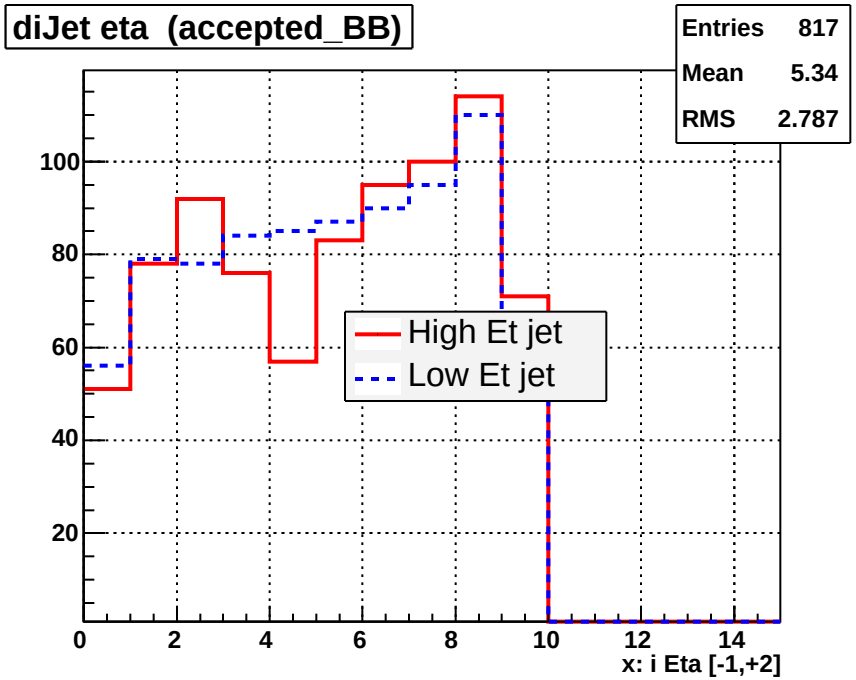

Et of Jet1 vs. Jet2 (accepted_BB)
Entries 817
Jet2/GeV
x: Jet1/GeV

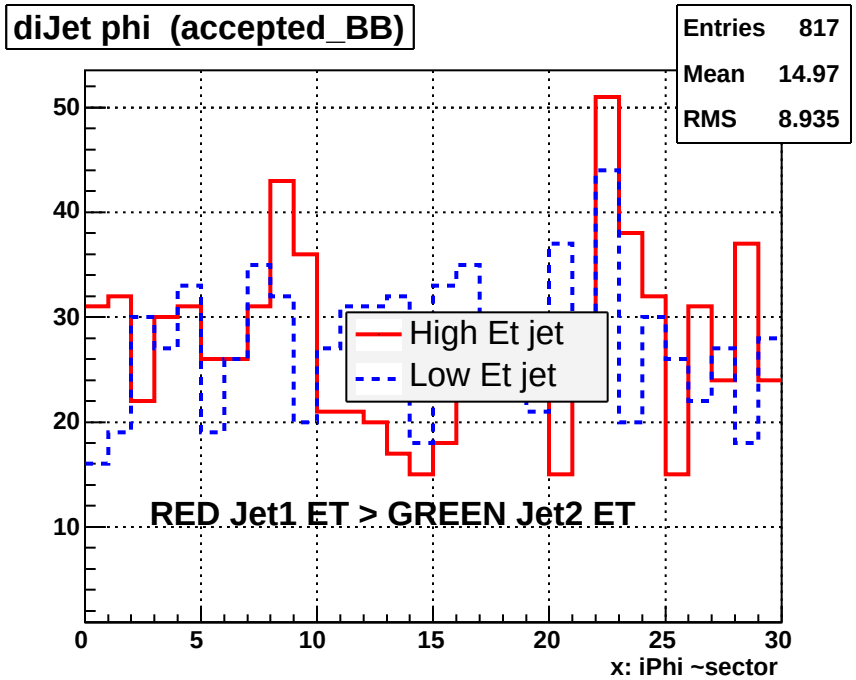

diJet1 eta-phi (accepted_BB)
Entries 817
BTOW-East
BTOW-west
Endcap
y: iPhi ~sector
x: iEta [-1,+2]

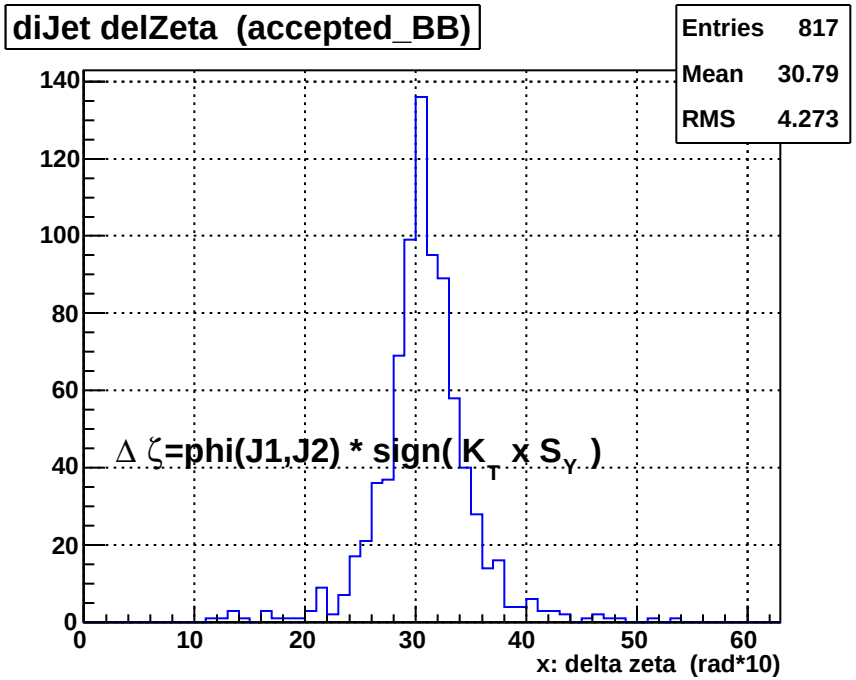

diJet phi1-phi2 (accepted_BB)
Entries 817
y: iPhi2 ~sector
x: iPhi1 ~sector

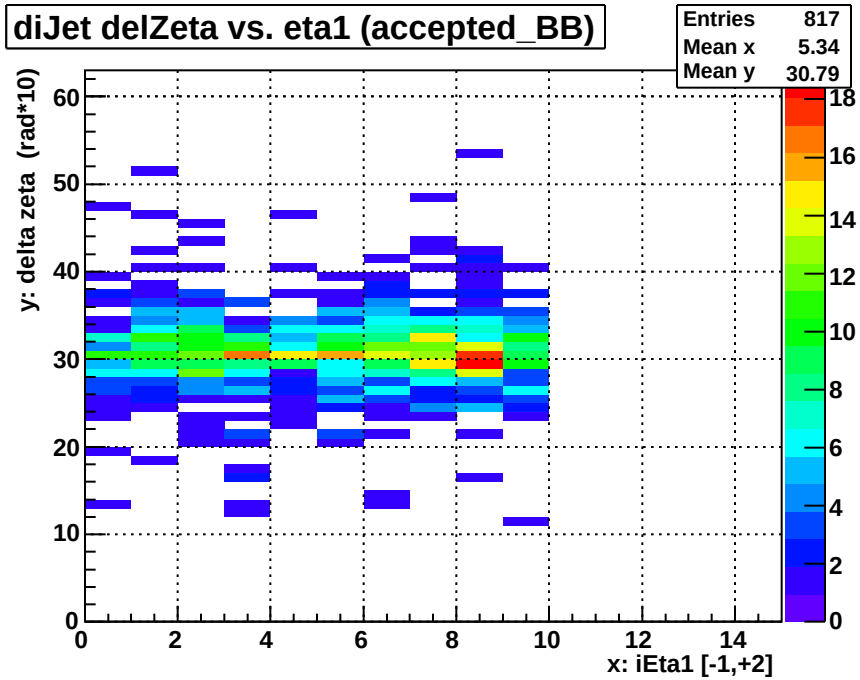

diJet2 eta-phi (accepted_BB)
Entries 817
BTOW-East
BTOW-west
Endcap
y: iPhi ~sector
x: iEta [-1,+2]

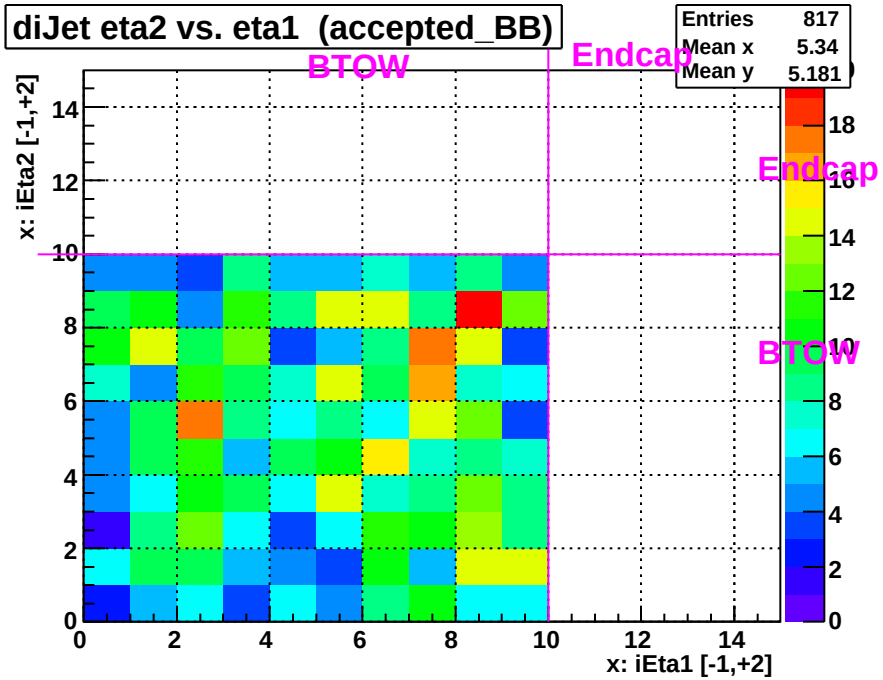

diJet Et (accepted_BB)
Entries 817
Mean 9.465
RMS 3.16
High Et jet
Low Et jet
x: Et (GeV)

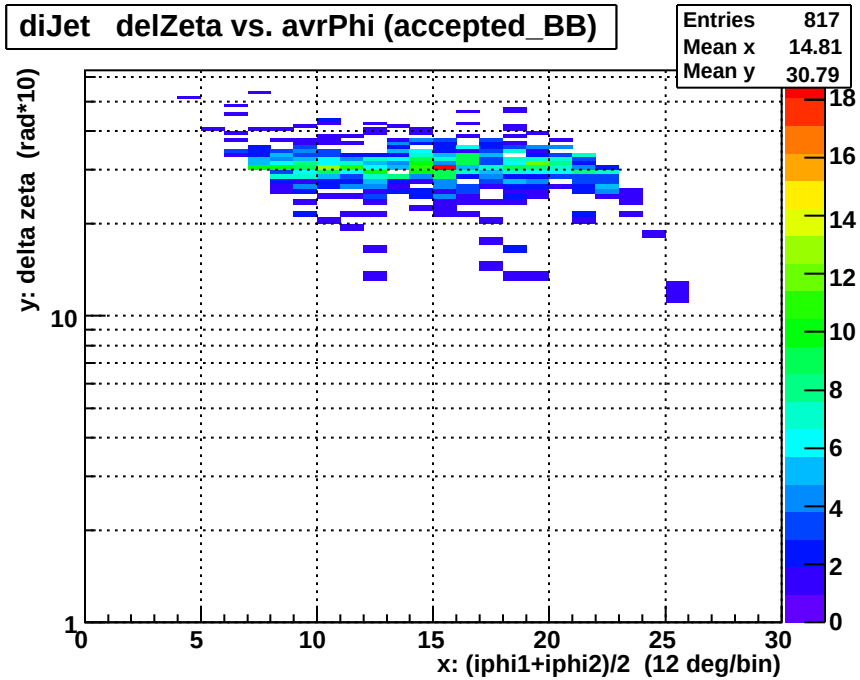

diJet eta (accepted_BB)
Entries 817
Mean 5.34
RMS 2.787
High Et jet
Low Et jet
x: i Eta [-1,+2]

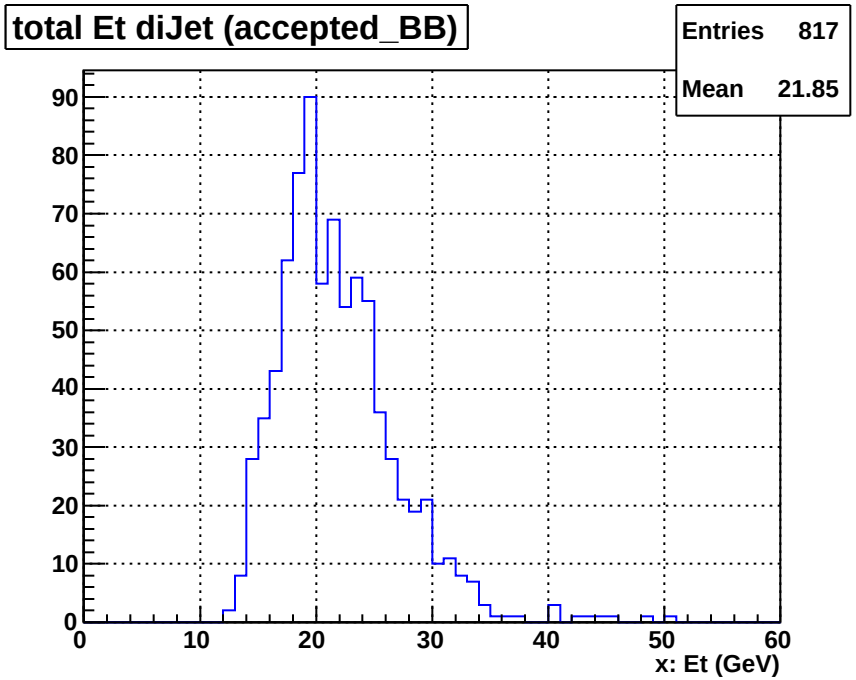

diJet phi (accepted_BB)
Entries 817
Mean 14.97
RMS 8.935
High Et jet
Low Et jet
RED Jet1 ET > GREEN Jet2 ET
x: iPhi ~sector


diJet delZeta (accepted_BB)
Entries 817
Mean 30.79
RMS 4.273
Δ ζ=phi(J1,J2) * sign(K_T x S_Y)
x: delta zeta (rad*10)


diJet delZeta vs. eta1 (accepted_BB)
Entries 817
Mean x 5.34
Mean y 30.79
y: delta zeta (rad*10)
x: iEta1 [-1,+2]


diJet eta2 vs. eta1 (accepted_BB)
Entries 817
Mean x 5.34
Mean y 5.181
BTOW
Endcap
Endcap
BTOW
x: iEta2 [-1,+2]
x: iEta1 [-1,+2]


diJet delZeta vs. avrPhi (accepted_BB)
Entries 817
Mean x 14.81
Mean y 30.79
y: delta zeta (rad*10)
x: (iphi1+iphi2)/2 (12 deg/bin)


total Et diJet (accepted_BB)
Entries 817
Mean 21.85
x: Et (GeV)