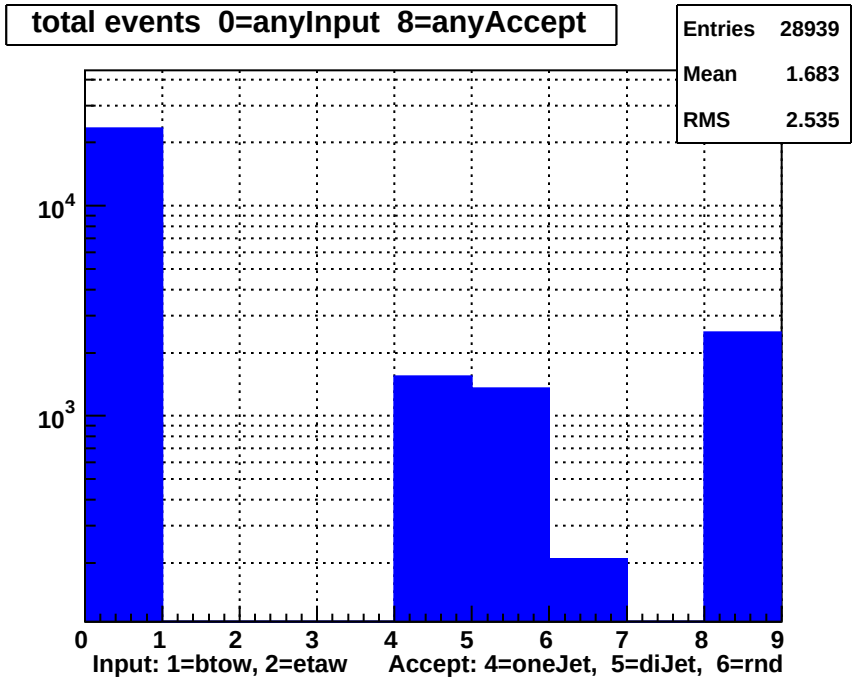
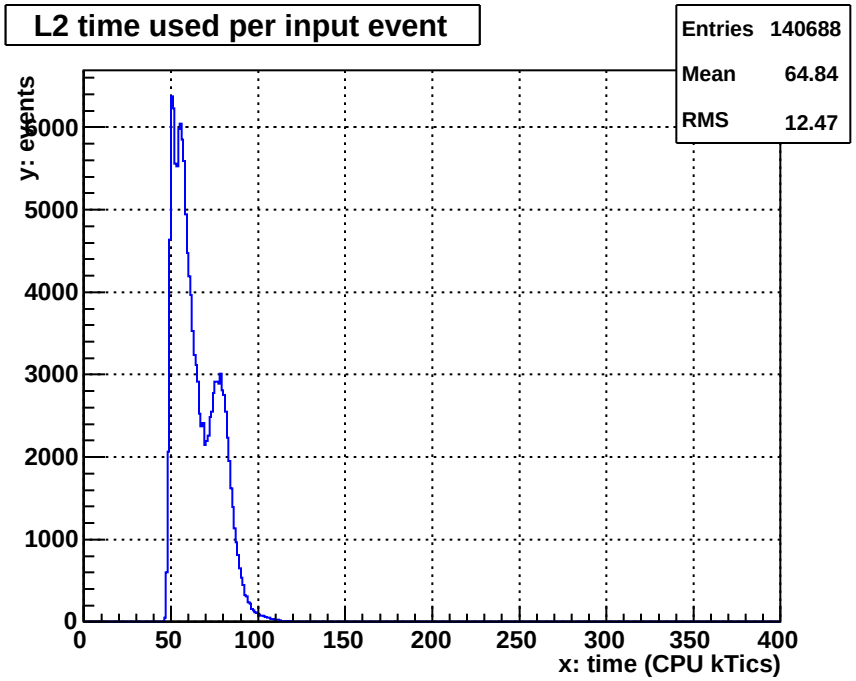
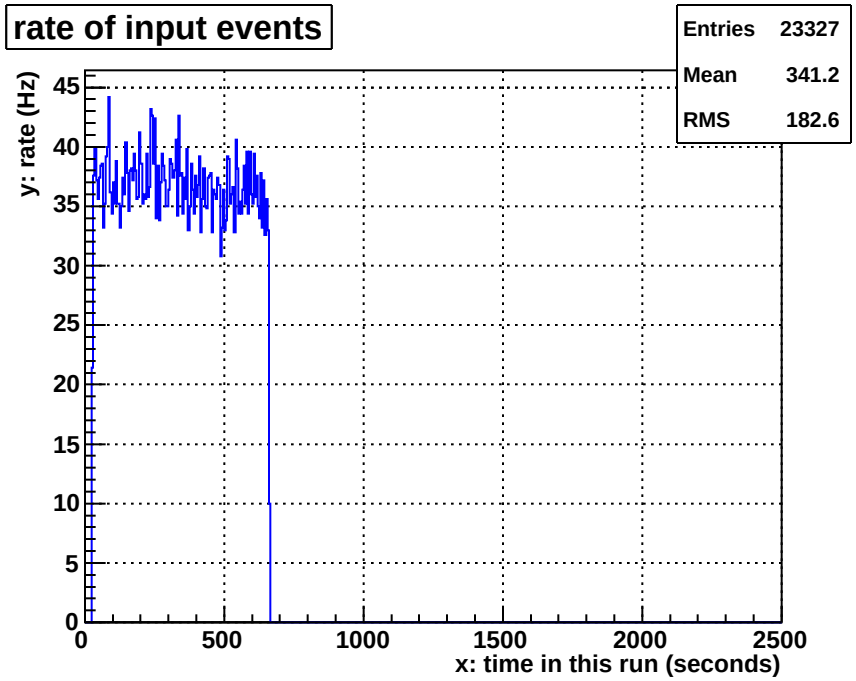
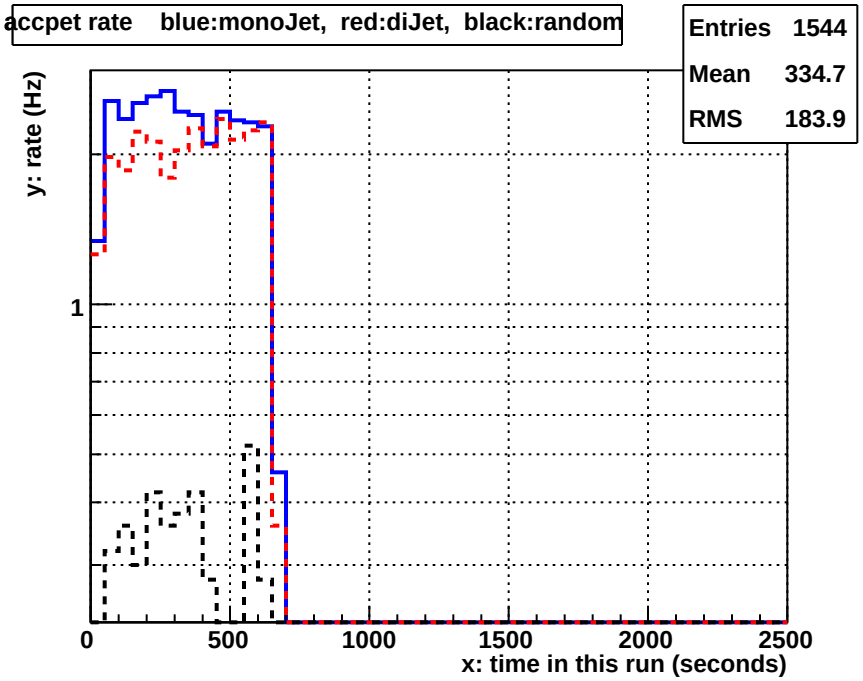
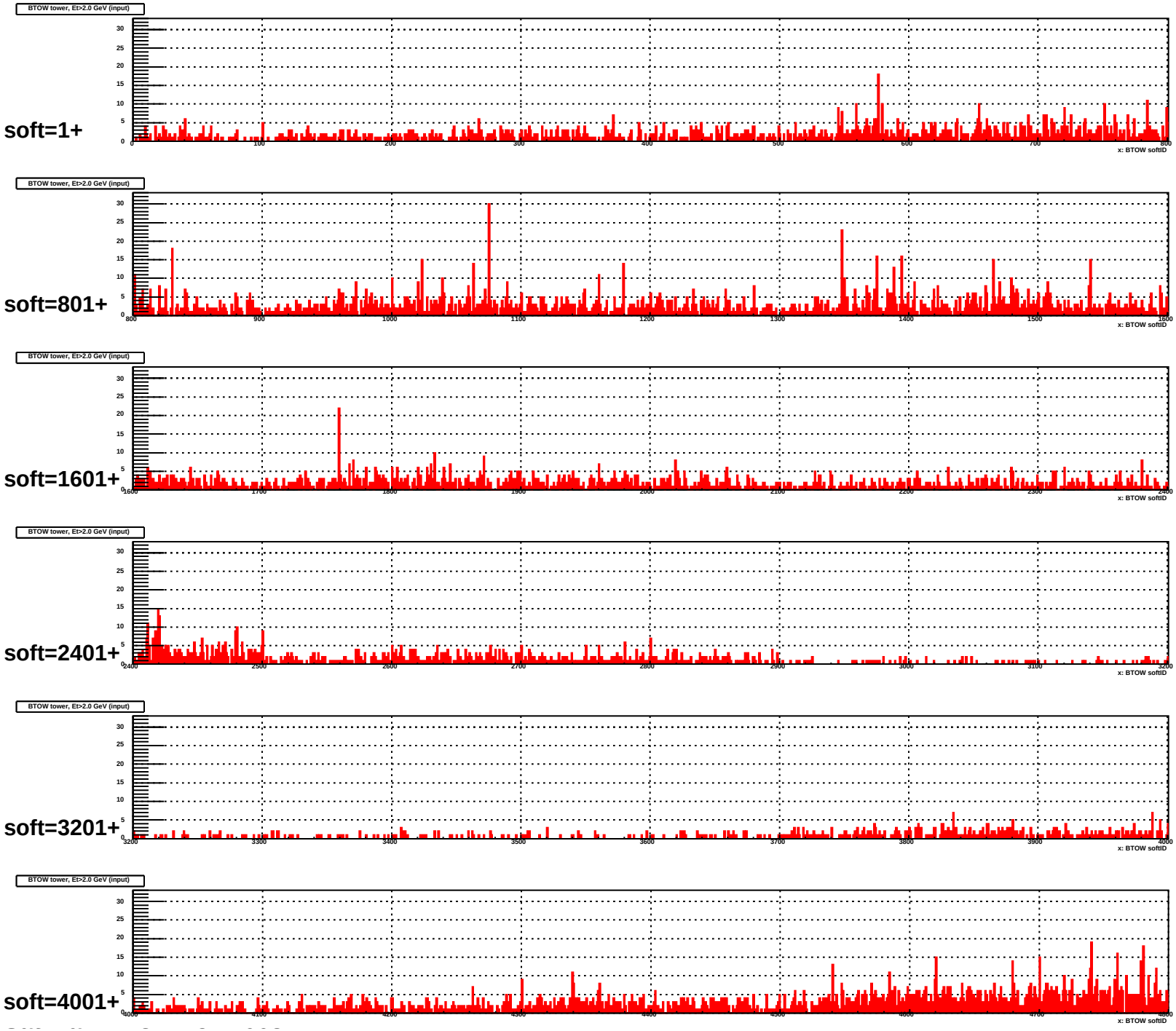
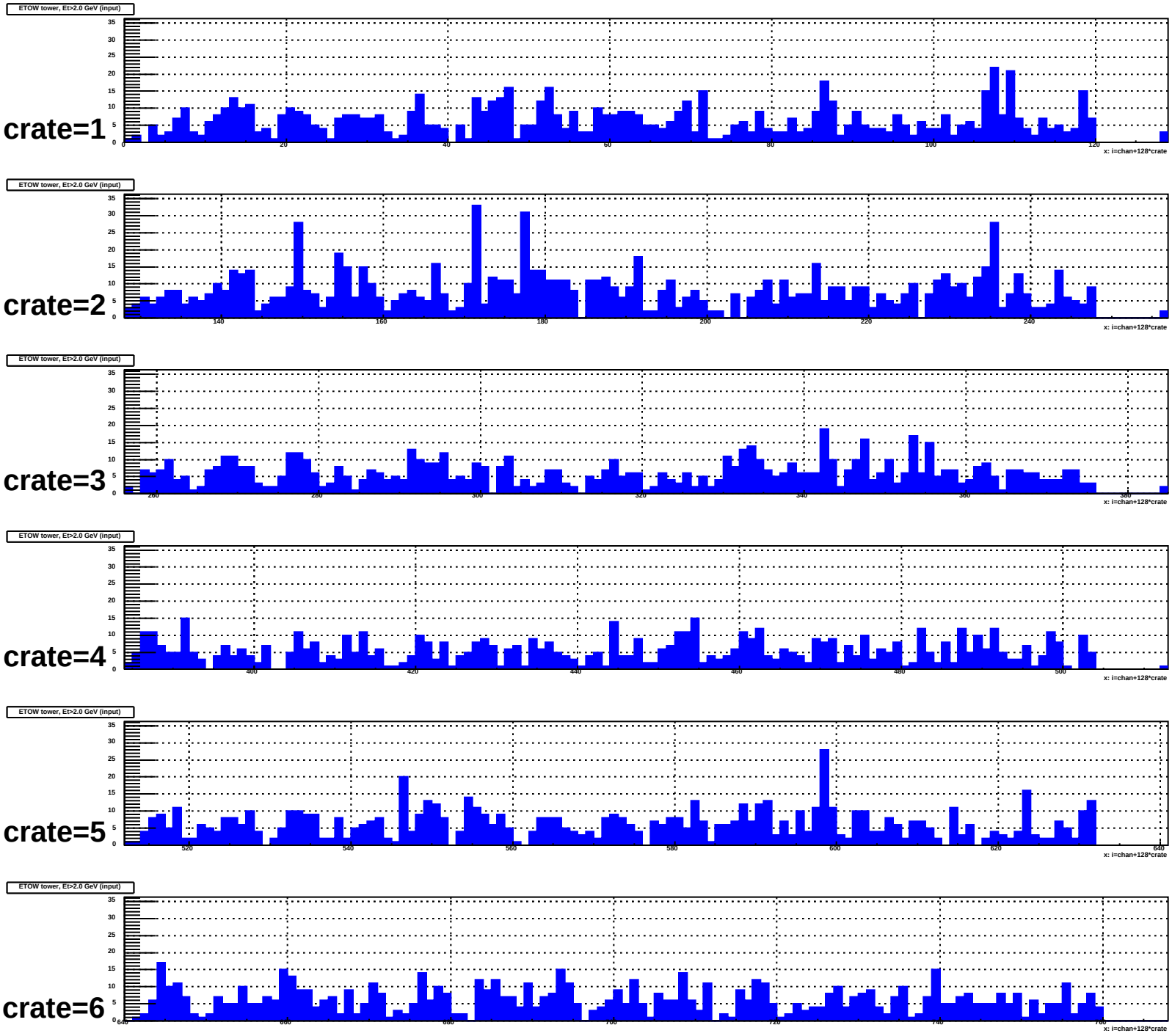

total events 0=anyInput 8=anyAccept
Entries 28939
Mean 1.683
RMS 2.535
10^4
10^3
0 1 2 3 4 5 6 7 8 9
Input: 1=btow, 2=etaw Accept: 4=oneJet, 5=diJet, 6=rnd

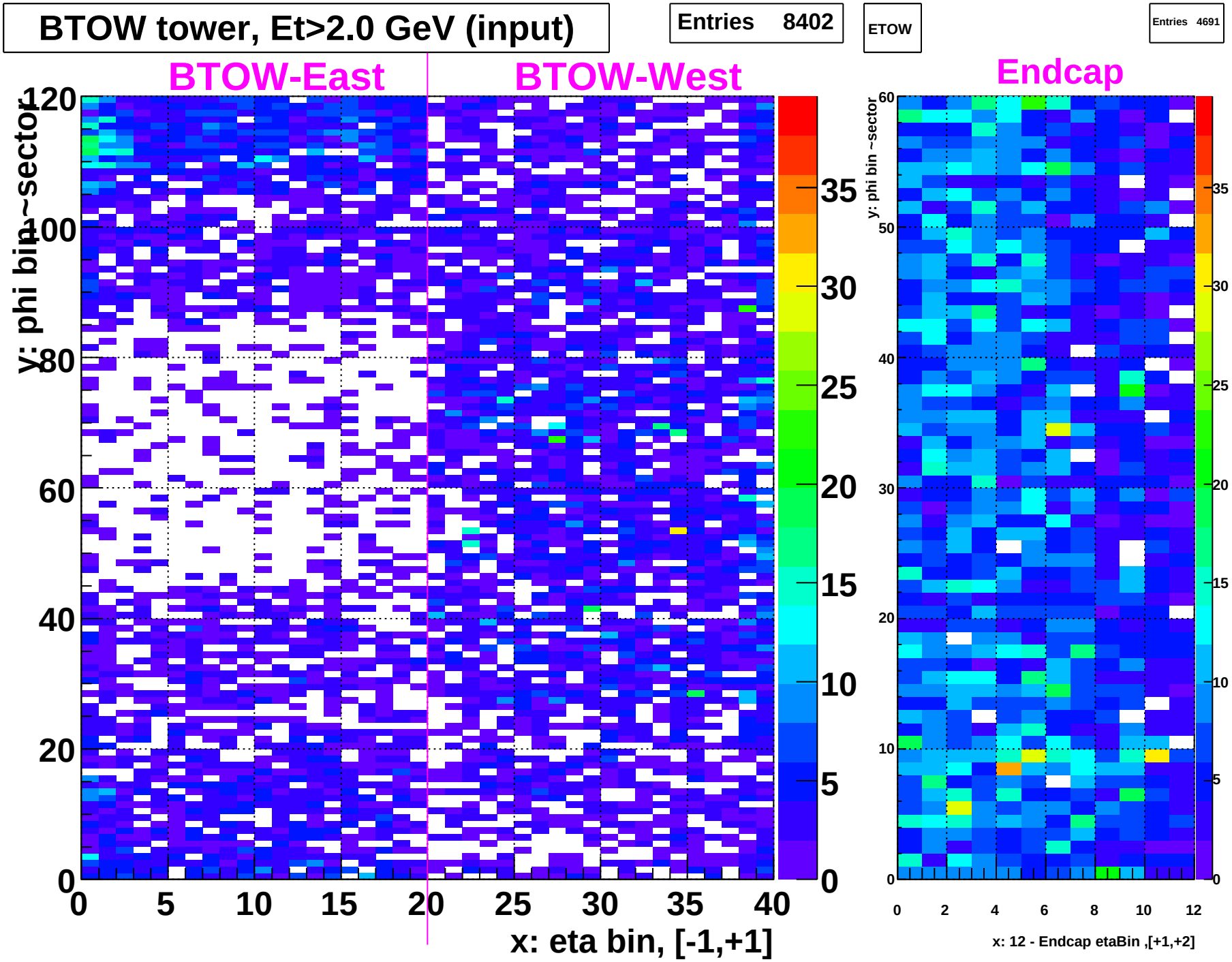

L2 time used per input event
Entries 140688
Mean 64.84
RMS 12.47
y: events
6000
5000
4000
3000
2000
1000
0
0 50 100 150 200 250 300 350 400
x: time (CPU kTics)

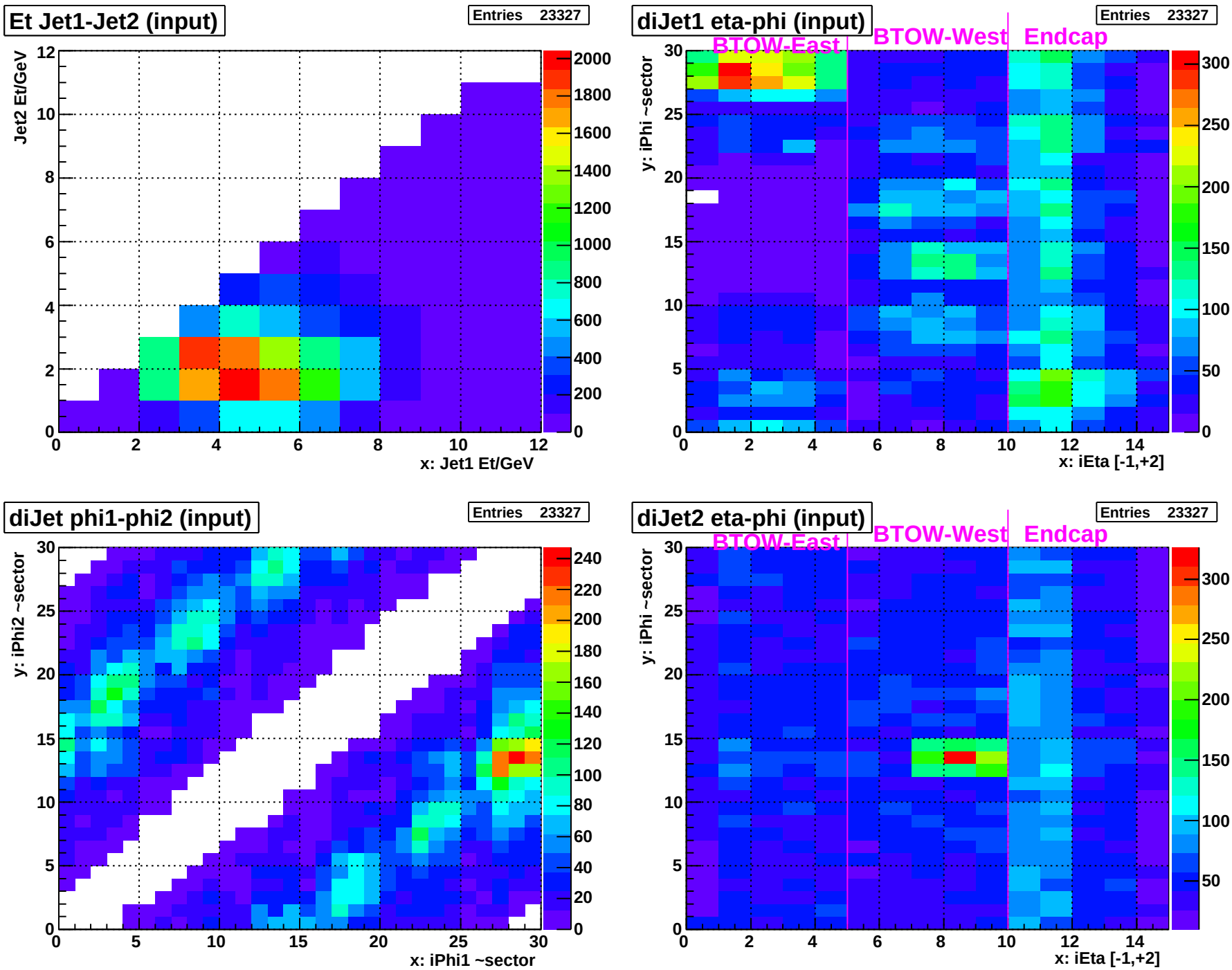

rate of input events
Entries 23327
Mean 341.2
RMS 182.6
y: rate (Hz)
45
40
35
30
25
20
15
10
5
0
0 500 1000 1500 2000 2500
x: time in this run (seconds)

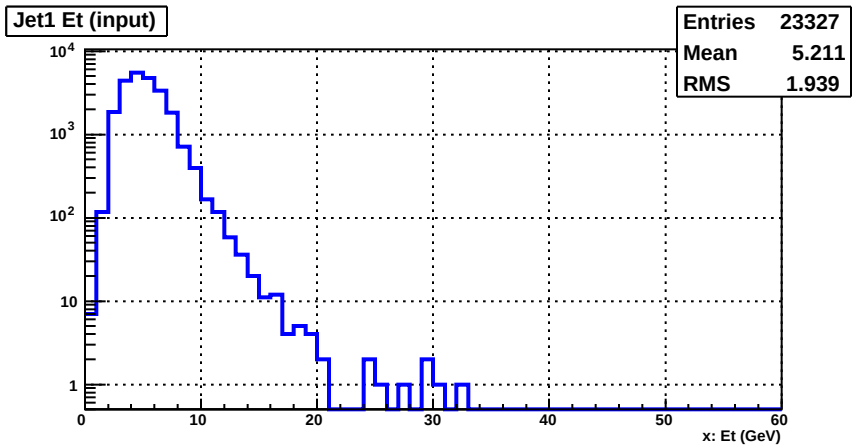

accpet rate blue:monoJet, red:diJet, black:random
Entries 1544
Mean 334.7
RMS 183.9
y: rate (Hz)
1
0 500 1000 1500 2000 2500
x: time in this run (seconds)

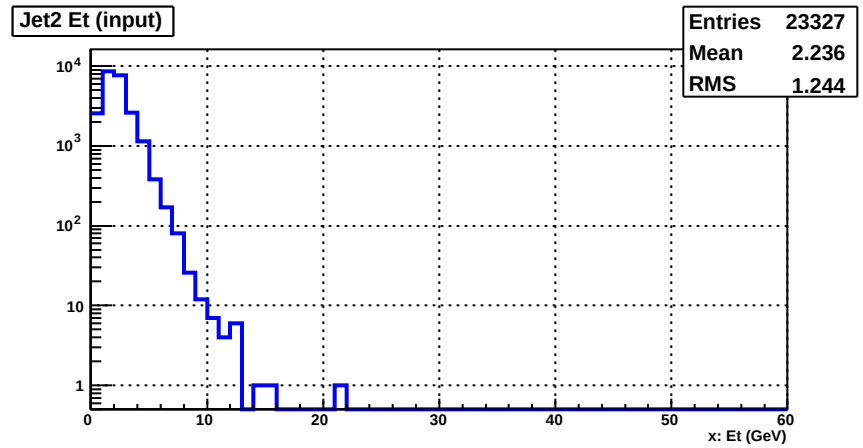

BTOW tower, Et>2.0 GeV (input)
soft=1+
soft=801+
soft=1601+
soft=2401+
soft=3201+
soft=4001+
x: BTOW softID

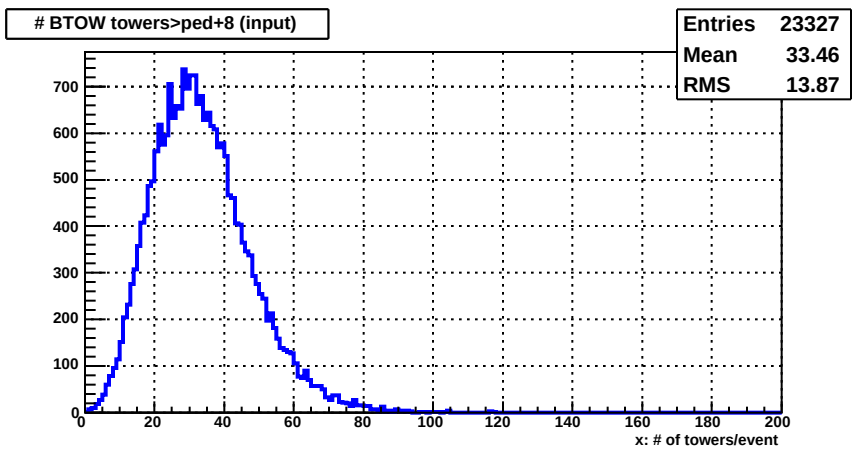

ETOW tower, Et>2.0 GeV (input)
crate=1
x: i=chan+128*crate
ETOW tower, Et>2.0 GeV (input)
crate=2
x: i=chan+128*crate
ETOW tower, Et>2.0 GeV (input)
crate=3
x: i=chan+128*crate
ETOW tower, Et>2.0 GeV (input)
crate=4
x: i=chan+128*crate
ETOW tower, Et>2.0 GeV (input)
crate=5
x: i=chan+128*crate
ETOW tower, Et>2.0 GeV (input)
crate=6
x: i=chan+128*crate

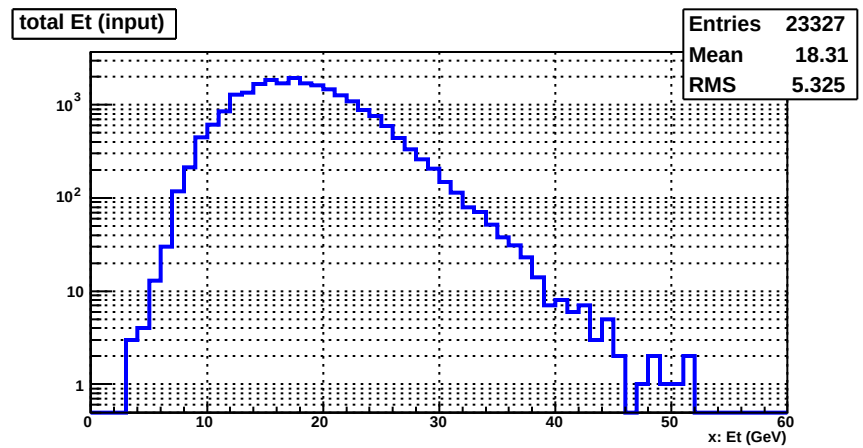

BTOW tower, Et>2.0 GeV (input)
Entries 8402
ETOW
Entries 4691
BTOW-East
BTOW-West
Endcap
y: phi bin ~sector
x: eta bin, [-1,+1]
x: 12 - Endcap etaBin ,[+1,+2]

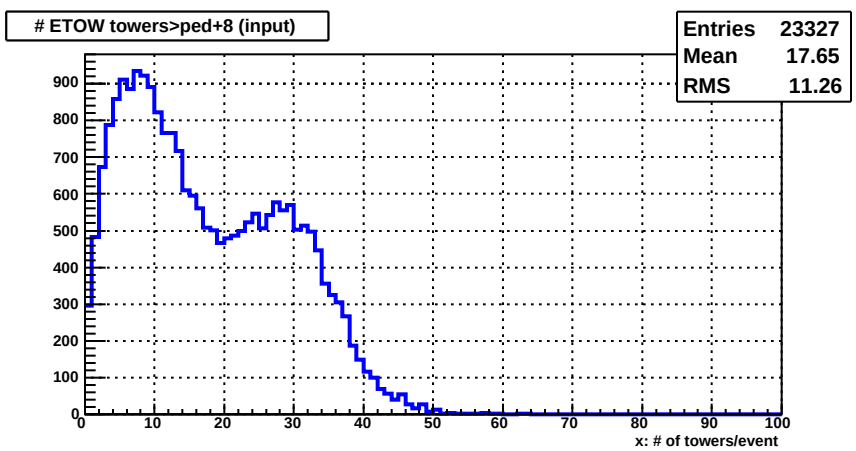

Et Jet1-Jet2 (input)
Entries 23327
Jet2 Et/GeV
x: Jet1 Et/GeV
diJet1 eta-phi (input)
Entries 23327
BTOW-East
BTOW-West
Endcap
y: iPhi ~sector
x: iEta [-1,+2]
diJet phi1-phi2 (input)
Entries 23327
y: iPhi2 ~sector
x: iPhi1 ~sector
diJet2 eta-phi (input)
Entries 23327
BTOW-East
BTOW-West
Endcap
y: iPhi ~sector
x: iEta [-1,+2]

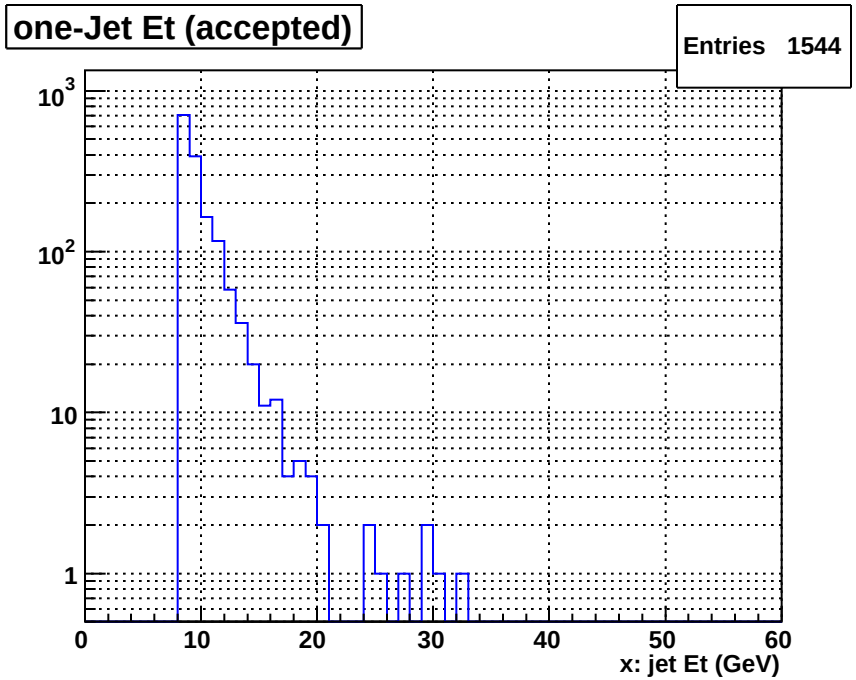

Jet1 Et (input)
Entries 23327
Mean 5.211
RMS 1.939
x: Et (GeV)

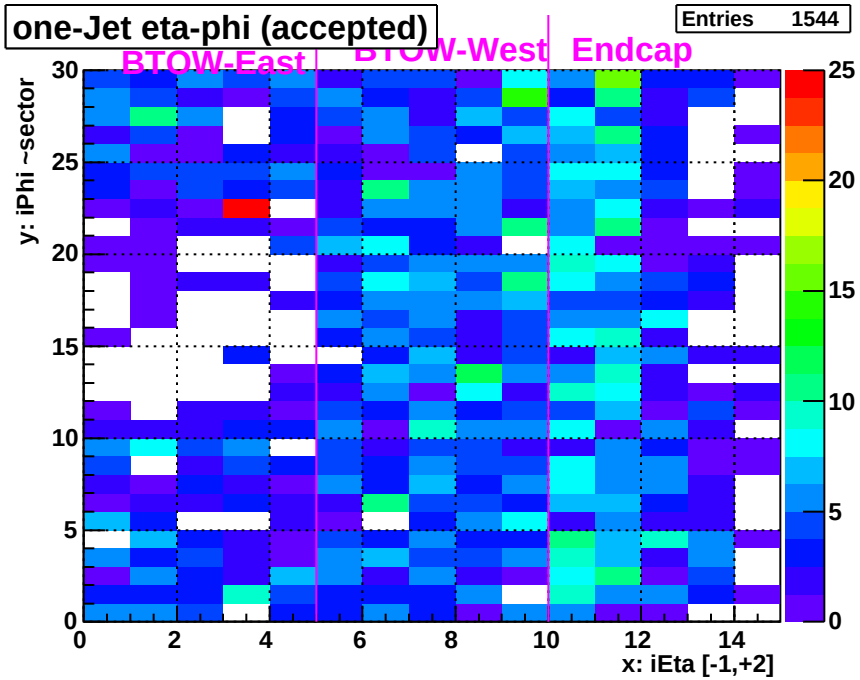

Jet2 Et (input)
Entries 23327
Mean 2.236
RMS 1.244
x: Et (GeV)

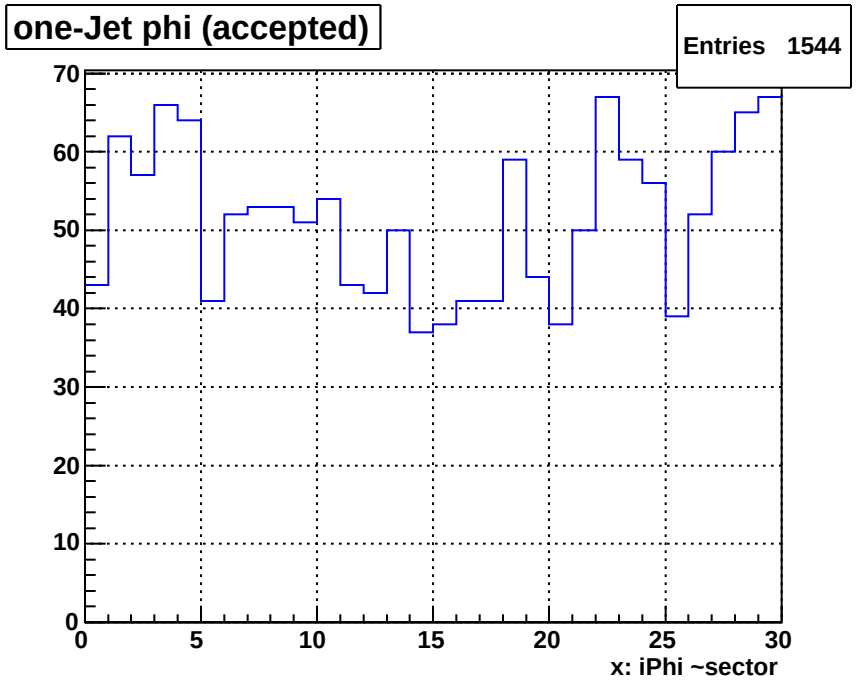

BTOW towers>ped+8 (input)
Entries 23327
Mean 33.46
RMS 13.87
x: # of towers/event

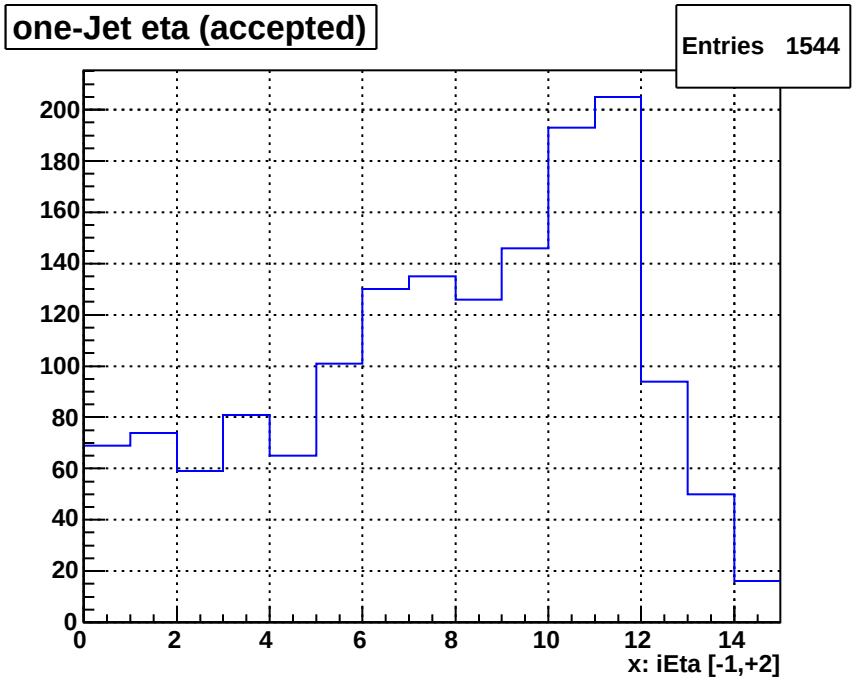

total Et (input)
Entries 23327
Mean 18.31
RMS 5.325
x: Et (GeV)

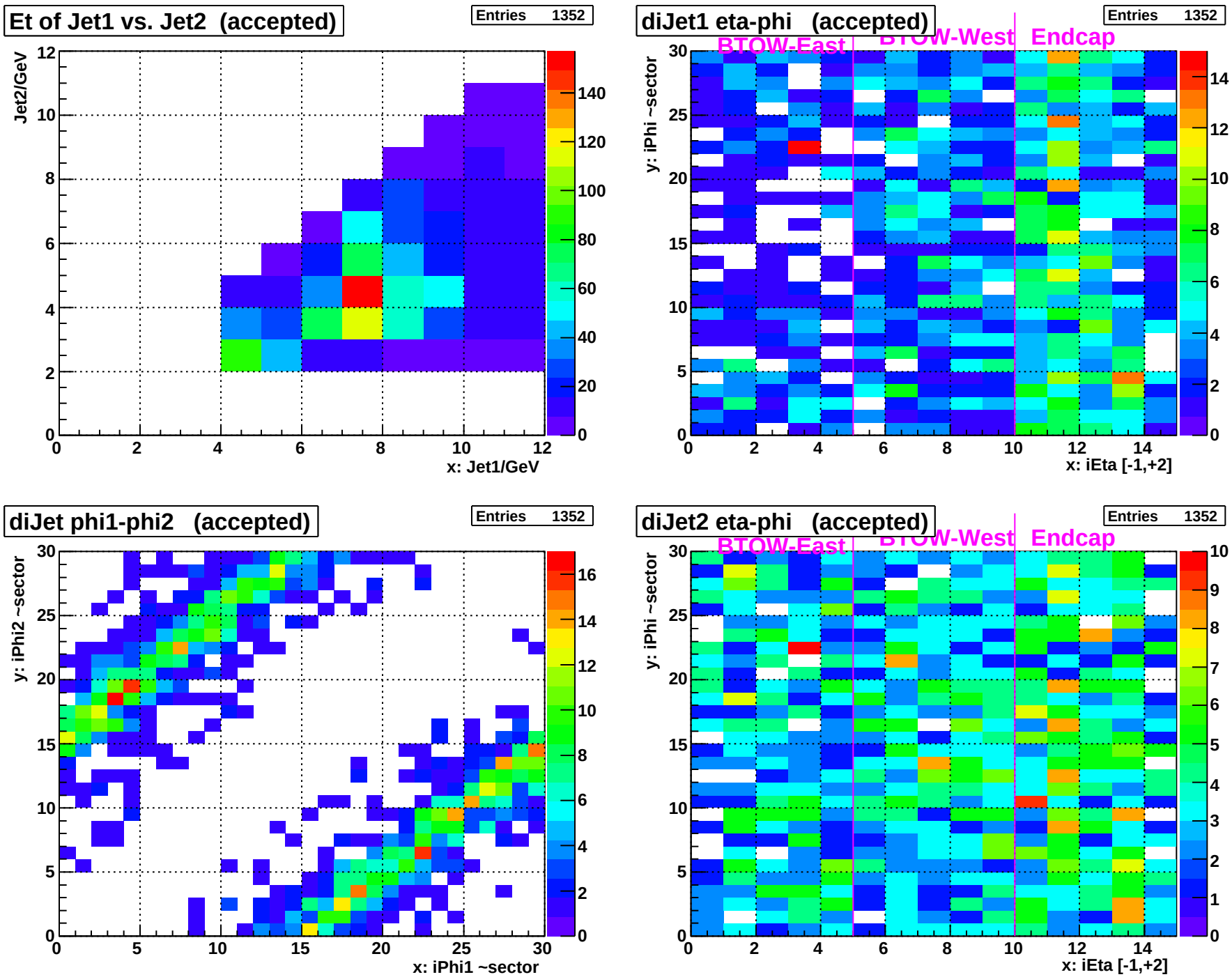

ETOW towers>ped+8 (input)
Entries 23327
Mean 17.65
RMS 11.26
x: # of towers/event

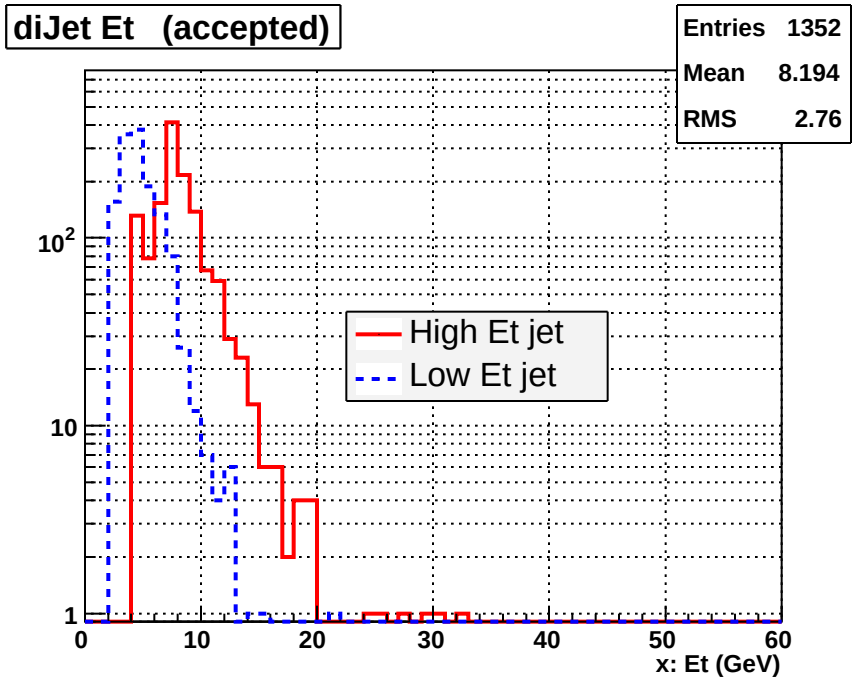

one-Jet Et (accepted)
Entries 1544
x: jet Et (GeV)

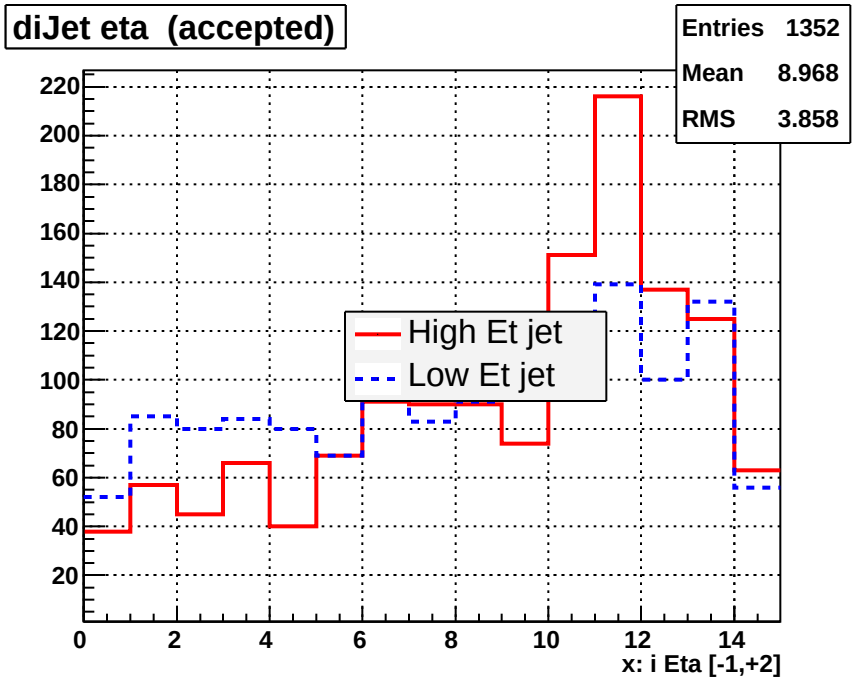

one-Jet eta-phi (accepted)
Entries 1544
BTOW-East
BTOW-West
Endcap
y: iPhi ~sector
x: iEta [-1,+2]

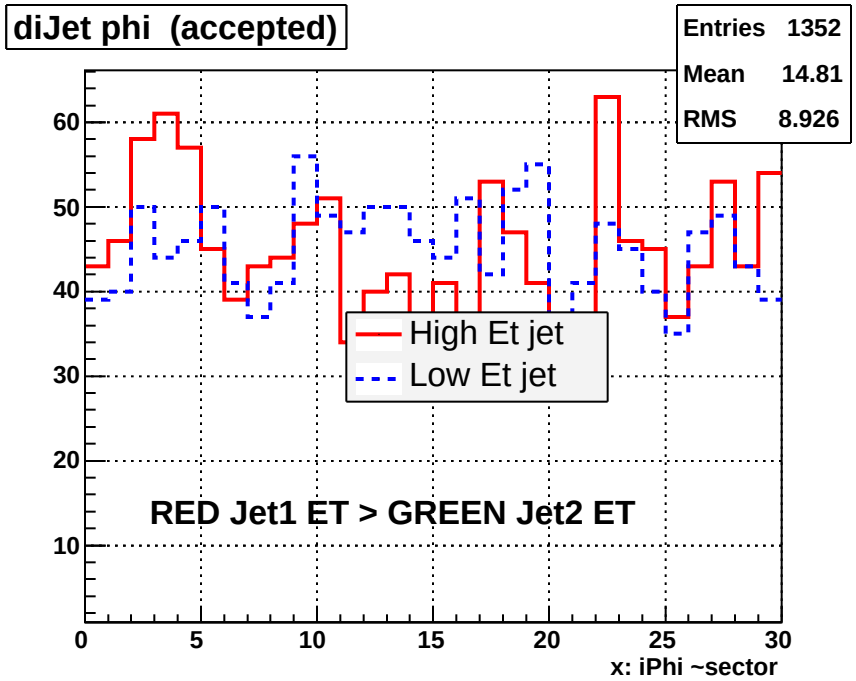

one-Jet phi (accepted)
Entries 1544
x: iPhi ~sector

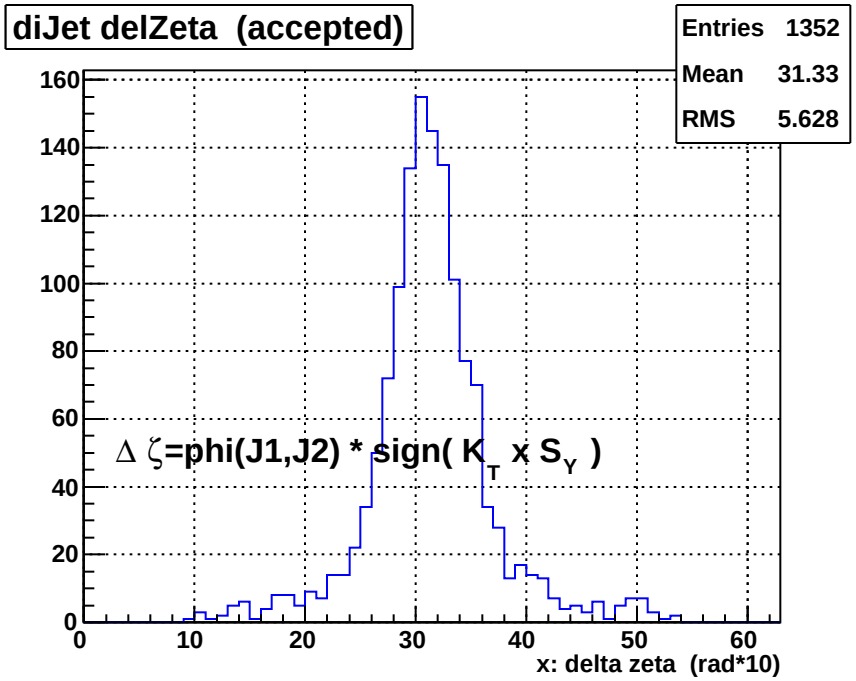

one-Jet eta (accepted)
Entries 1544
x: iEta [-1,+2]

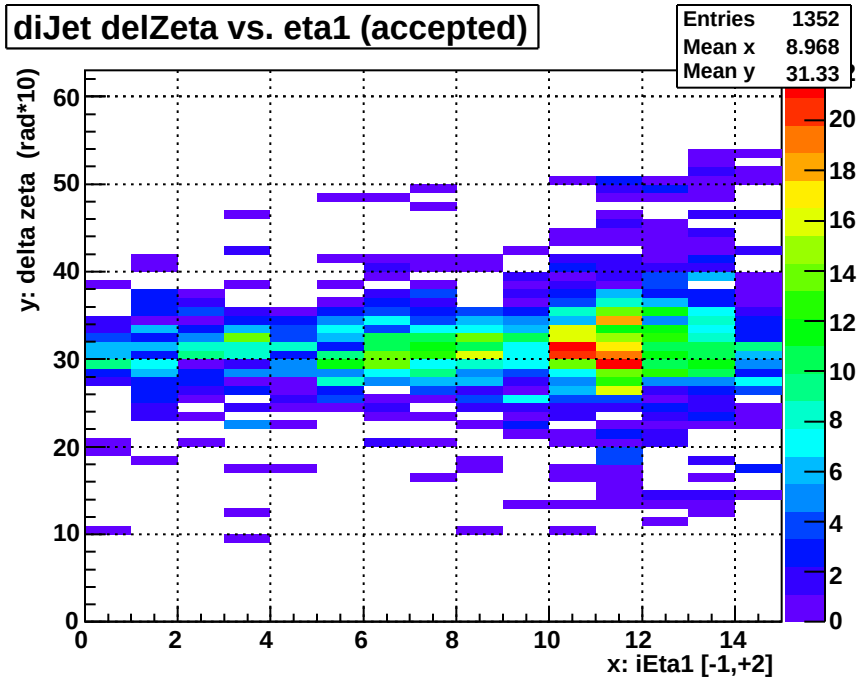

Et of Jet1 vs. Jet2 (accepted)
Entries 1352
Jet2/GeV
x: Jet1/GeV
diJet1 eta-phi (accepted)
Entries 1352
BTOW-East
BTOW-West
Endcap
y: iPhi ~sector
x: iEta [-1,+2]
diJet phi1-phi2 (accepted)
Entries 1352
y: iPhi2 ~sector
x: iPhi1 ~sector
diJet2 eta-phi (accepted)
Entries 1352
BTOW-East
BTOW-West
Endcap
y: iPhi ~sector
x: iEta [-1,+2]

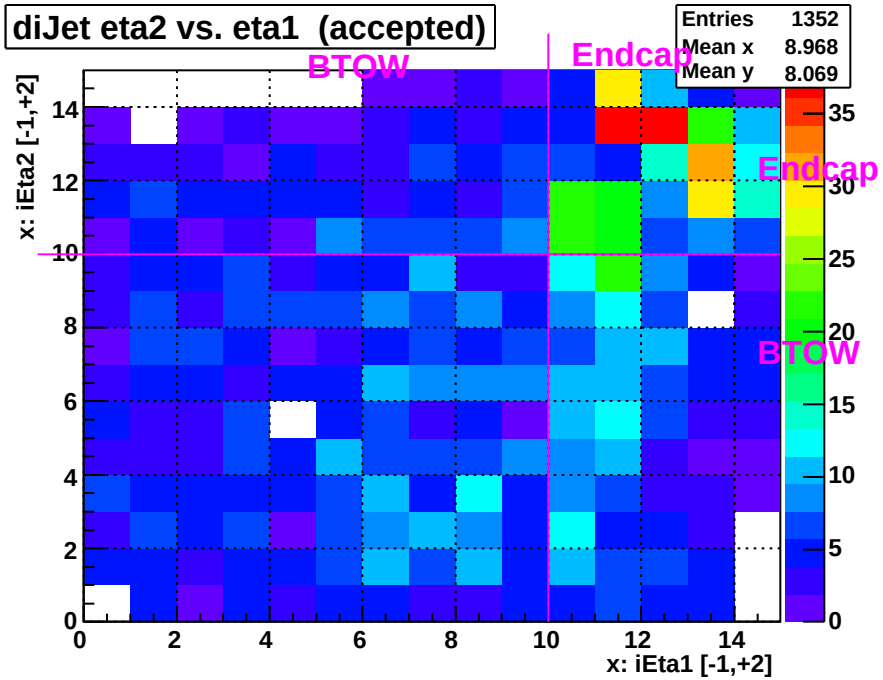

diJet Et (accepted)
Entries 1352
Mean 8.194
RMS 2.76
High Et jet
Low Et jet
x: Et (GeV)

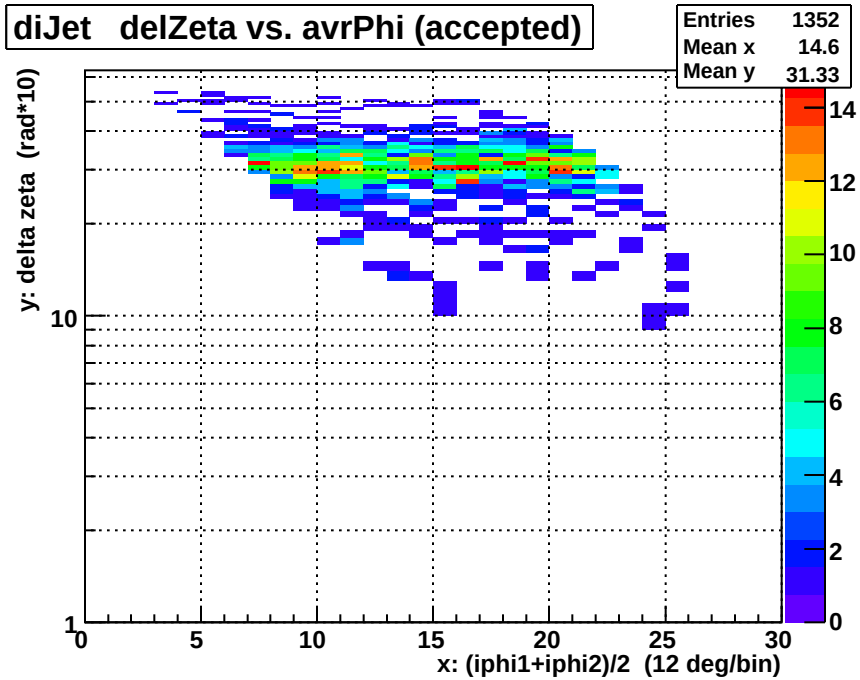

diJet eta (accepted)
Entries 1352
Mean 8.968
RMS 3.858
High Et jet
Low Et jet
x: i Eta [-1,+2]

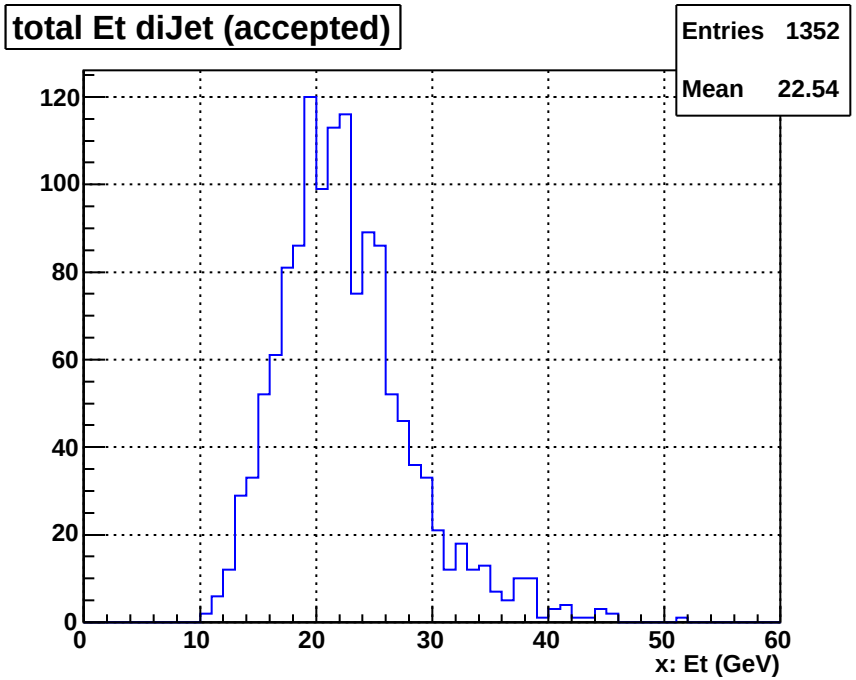

diJet phi (accepted)
Entries 1352
Mean 14.81
RMS 8.926
High Et jet
Low Et jet
RED Jet1 ET > GREEN Jet2 ET
x: iPhi ~sector

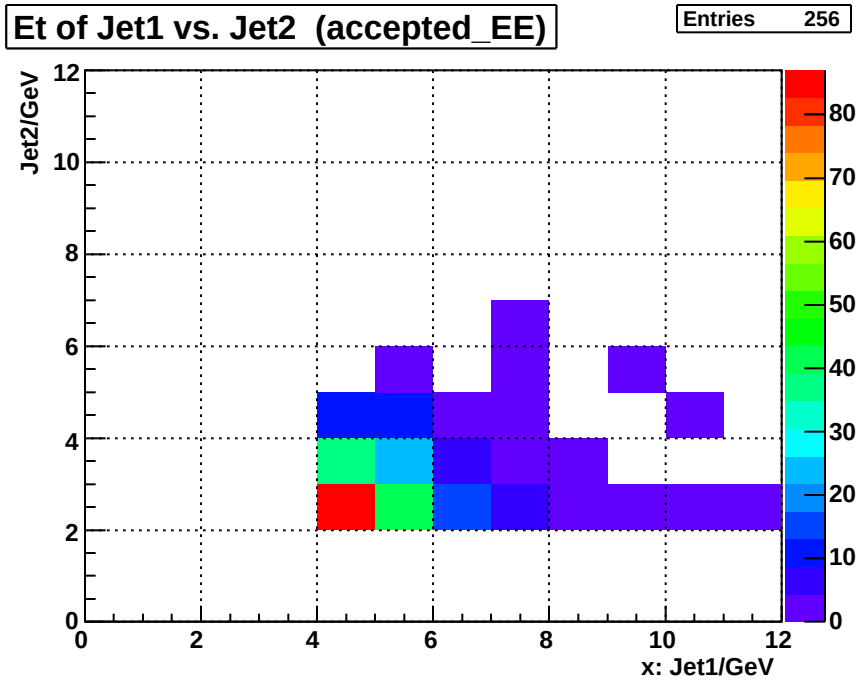

diJet delZeta (accepted)
Entries 1352
Mean 31.33
RMS 5.628
Δ ζ=phi(J1,J2) * sign(K_T x S_Y)
x: delta zeta (rad*10)

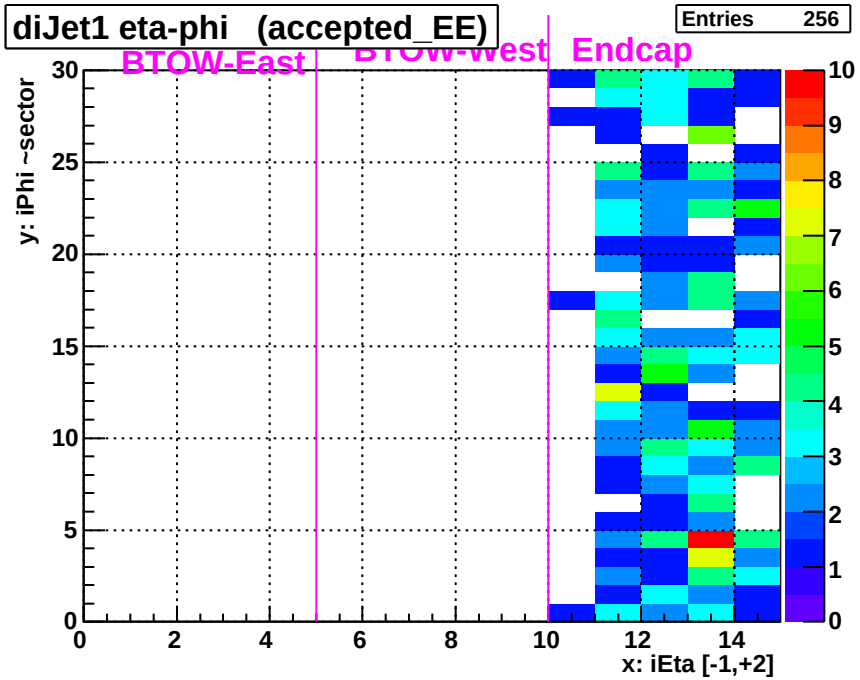

diJet delZeta vs. eta1 (accepted)
Entries 1352
Mean x 8.968
Mean y 31.33
y: delta zeta (rad*10)
x: iEta1 [-1,+2]

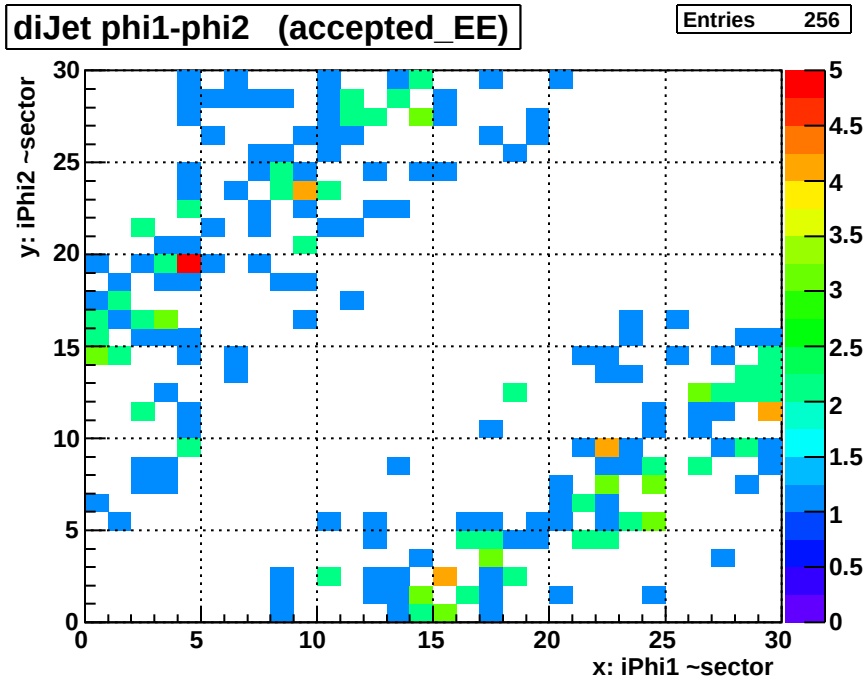

diJet eta2 vs. eta1 (accepted)
Entries 1352
Mean x 8.968
Mean y 8.069
BTOW
Endcap
Endcap
BTOW
x: iEta2 [-1,+2]
x: iEta1 [-1,+2]

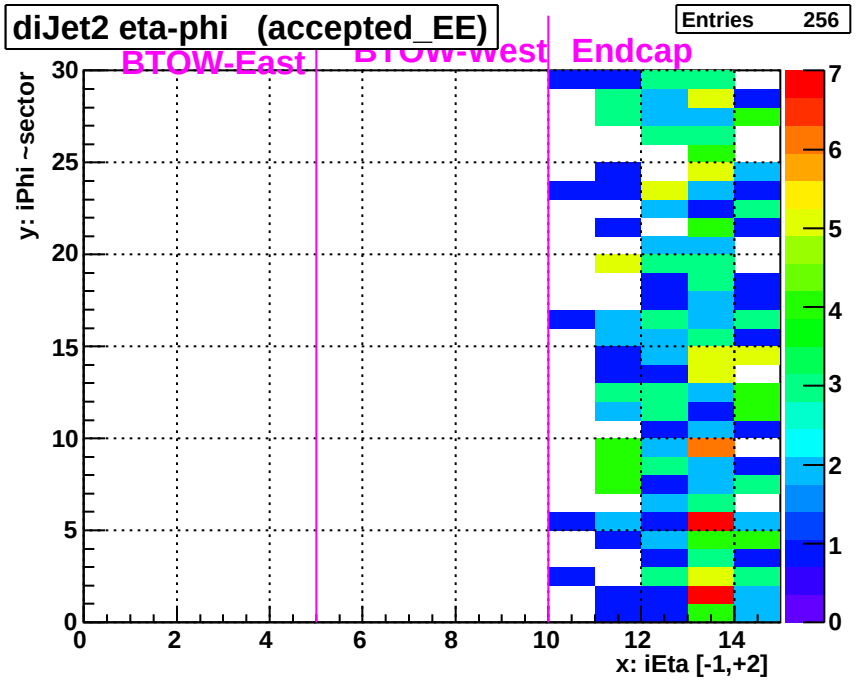

diJet delZeta vs. avrPhi (accepted)
Entries 1352
Mean x 14.6
Mean y 31.33
y: delta zeta (rad*10)
x: (iphi1+iphi2)/2 (12 deg/bin)

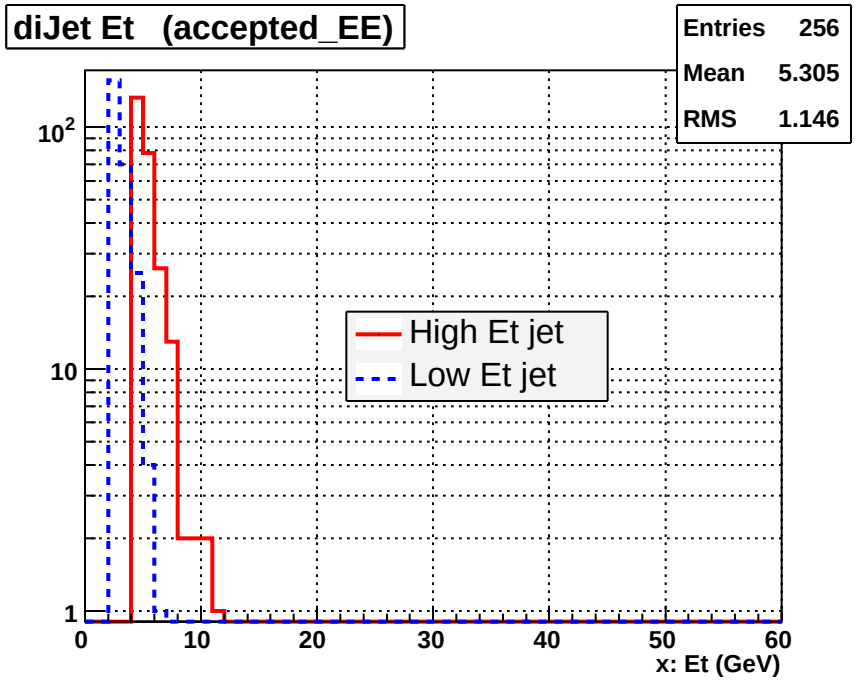

total Et diJet (accepted)
Entries 1352
Mean 22.54
x: Et (GeV)

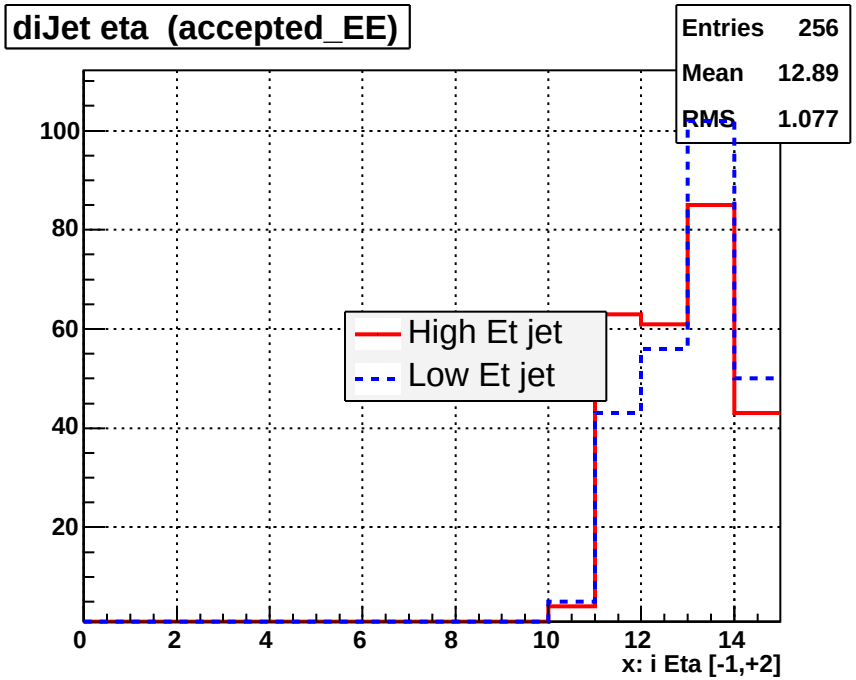

Et of Jet1 vs. Jet2 (accepted_EE)
Entries 256
Jet2/GeV
x: Jet1/GeV

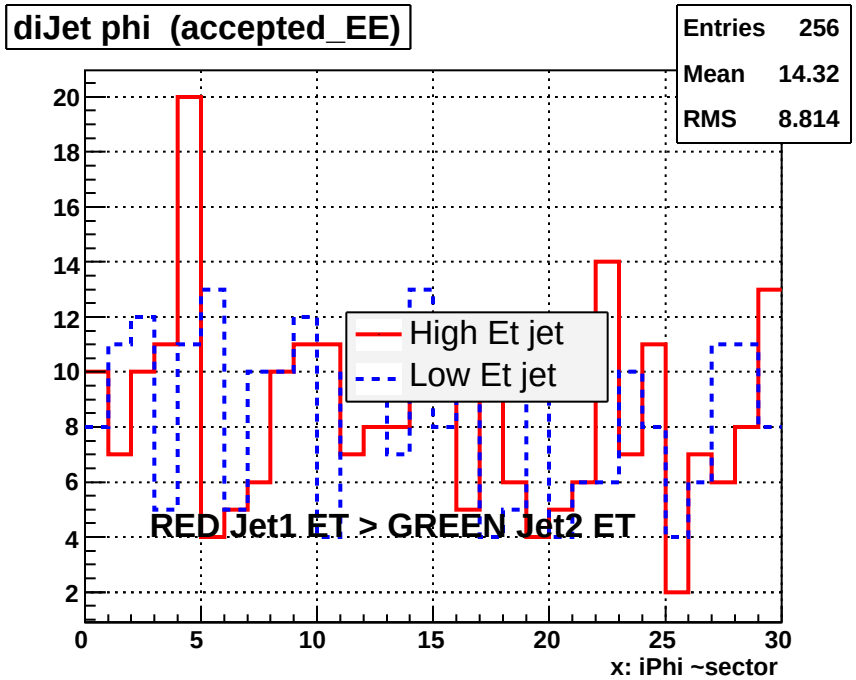

diJet1 eta-phi (accepted_EE)
Entries 256
BTOW-East
BTOW-West
Endcap
y: iPhi ~sector
x: iEta [-1,+2]

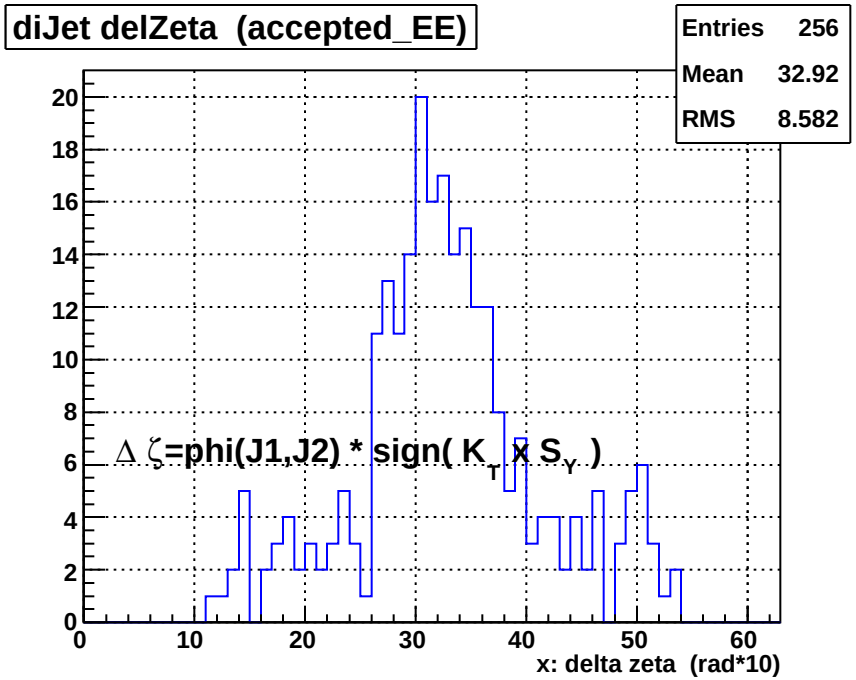

diJet phi1-phi2 (accepted_EE)
Entries 256
y: iPhi2 ~sector
x: iPhi1 ~sector

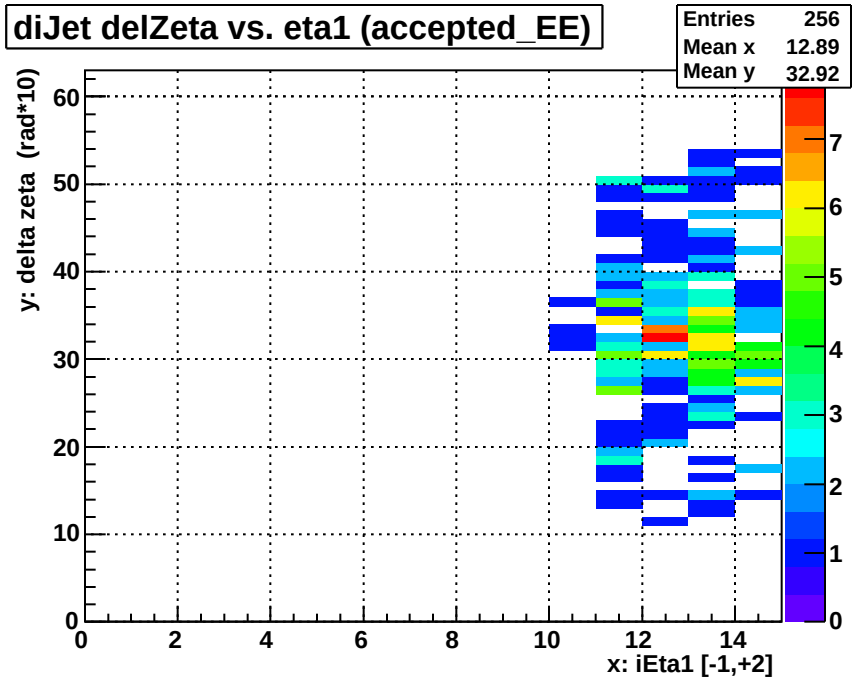

diJet2 eta-phi (accepted_EE)
Entries 256
BTOW-East
BTOW-West
Endcap
y: iPhi ~sector
x: iEta [-1,+2]

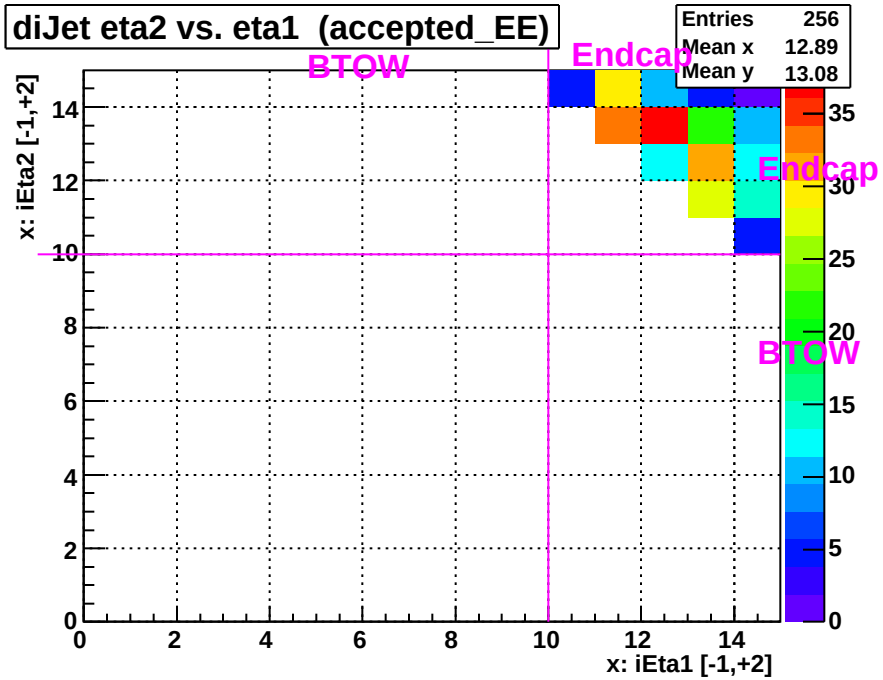

diJet Et (accepted_EE)
Entries 256
Mean 5.305
RMS 1.146
High Et jet
Low Et jet
x: Et (GeV)

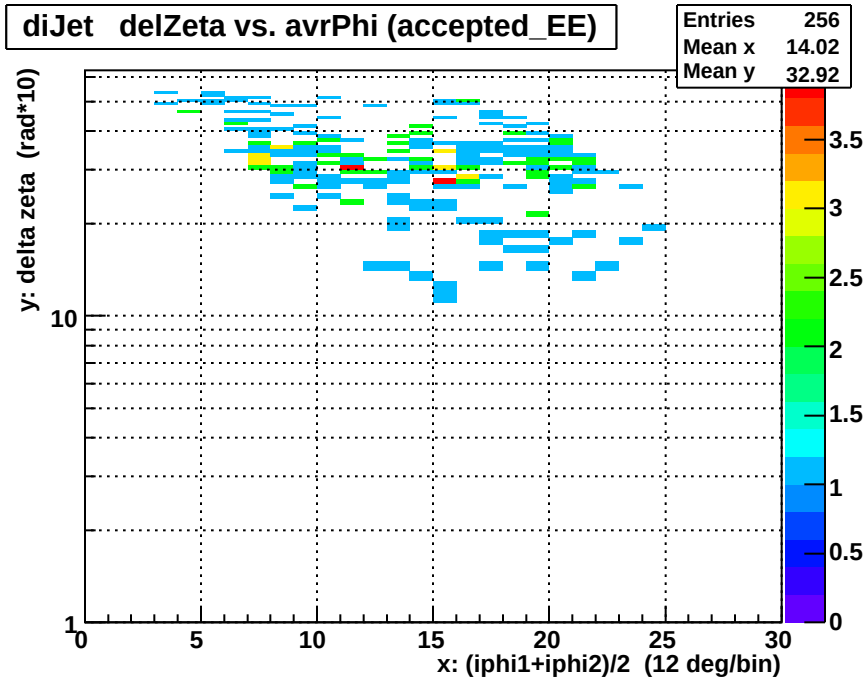

diJet eta (accepted_EE)
Entries 256
Mean 12.89
RMS 1.077
High Et jet
Low Et jet
x: i Eta [-1,+2]

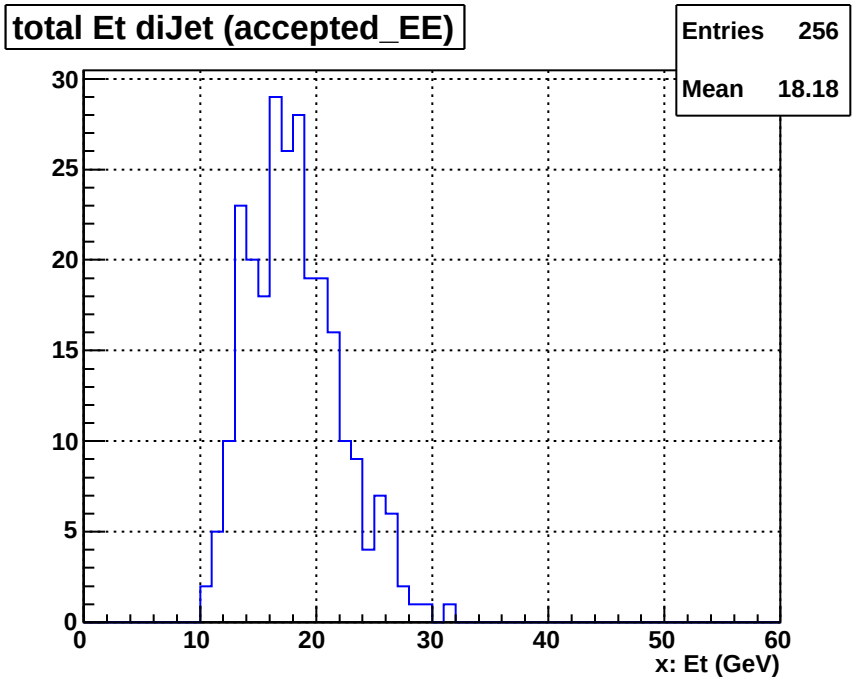

diJet phi (accepted_EE)
Entries 256
Mean 14.32
RMS 8.814
High Et jet
Low Et jet
RED Jet1 ET > GREEN Jet2 ET
x: iPhi ~sector

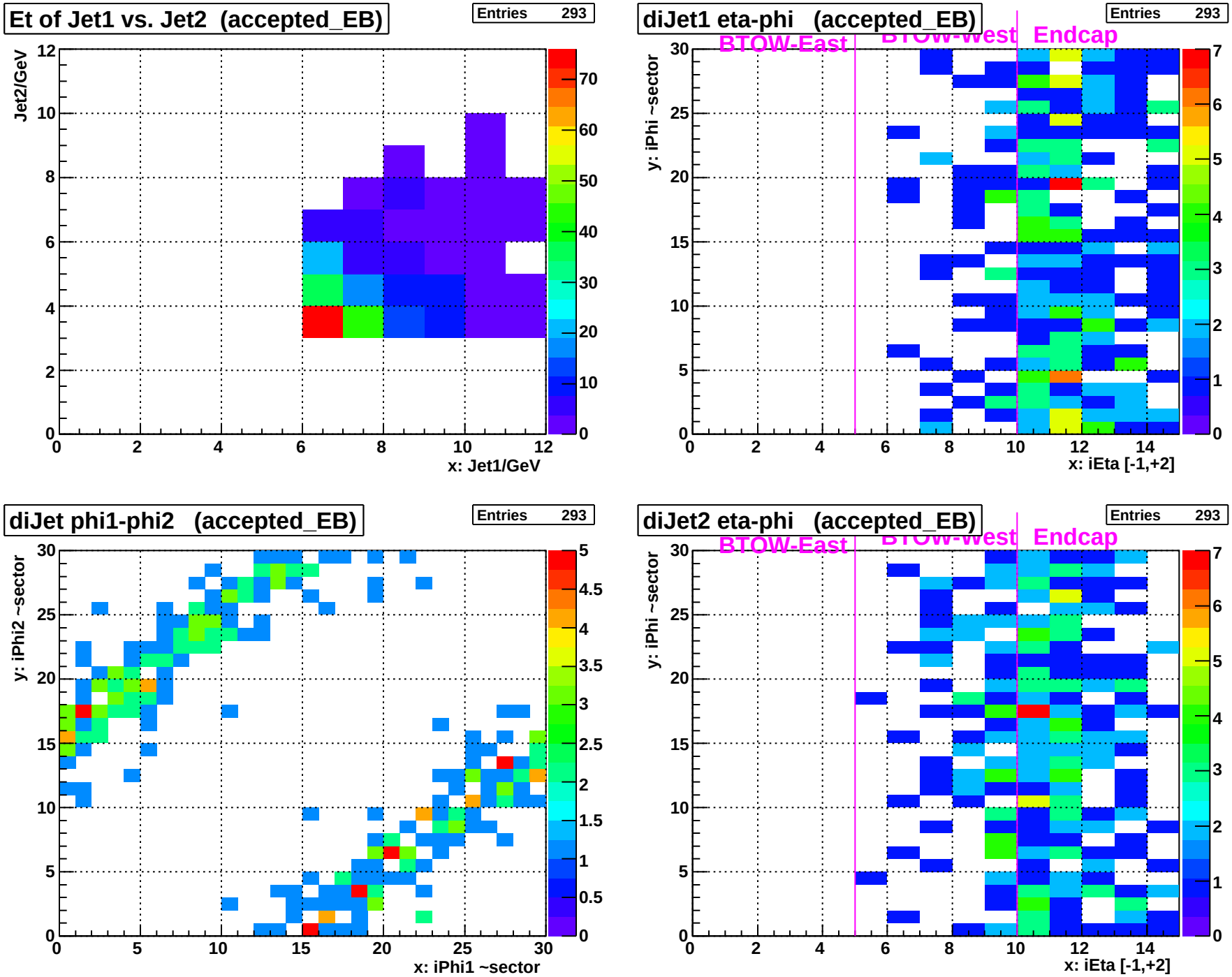

diJet delZeta (accepted_EE)
Entries 256
Mean 32.92
RMS 8.582
Δ ζ=phi(J1,J2) * sign(K_T x S_Y)
x: delta zeta (rad*10)

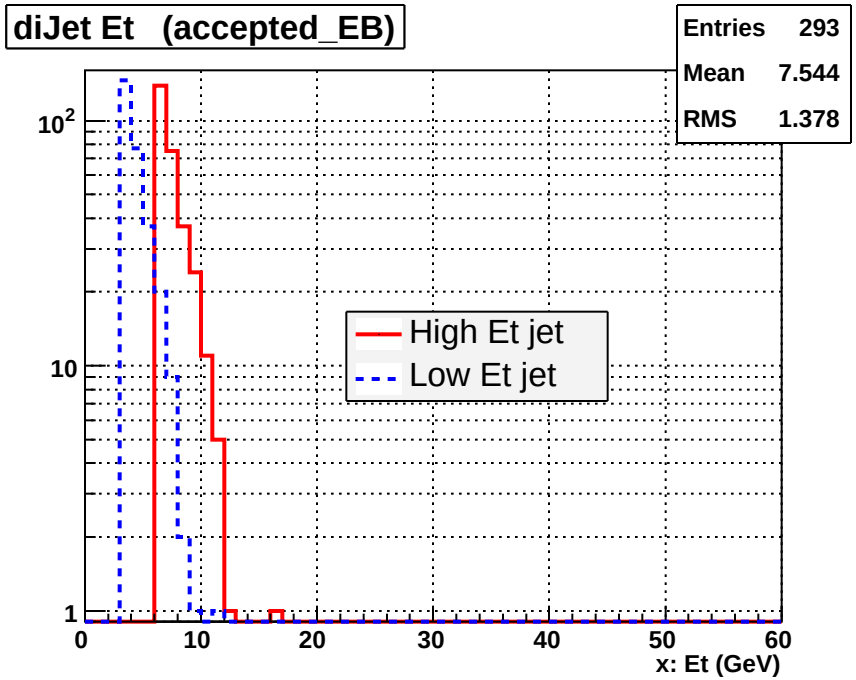

diJet delZeta vs. eta1 (accepted_EE)
Entries 256
Mean x 12.89
Mean y 32.92
y: delta zeta (rad*10)
x: iEta1 [-1,+2]

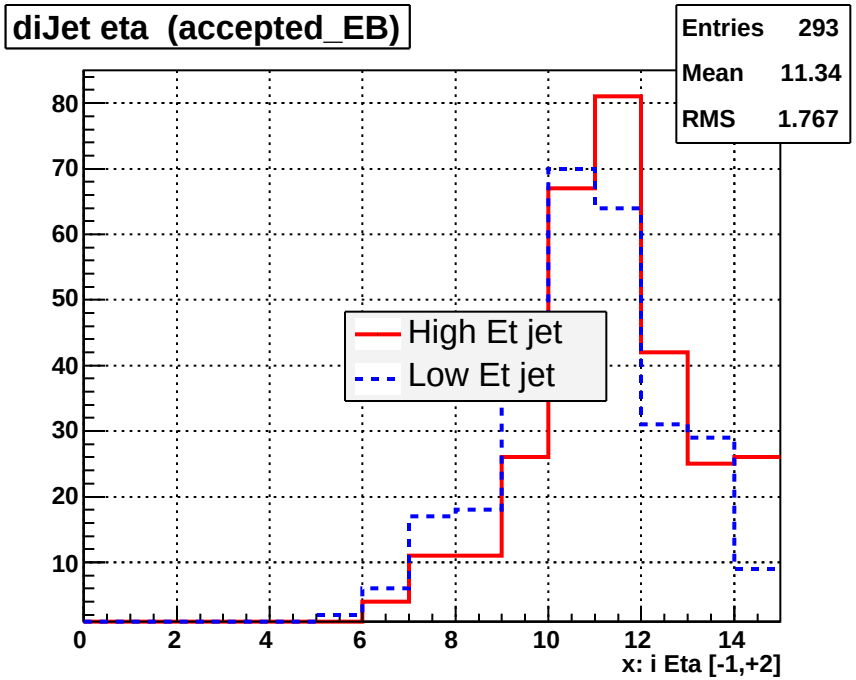

diJet eta2 vs. eta1 (accepted_EE)
Entries 256
Mean x 12.89
Mean y 13.08
BTOW
Endcap
Endcap
BTOW
x: iEta2 [-1,+2]
x: iEta1 [-1,+2]

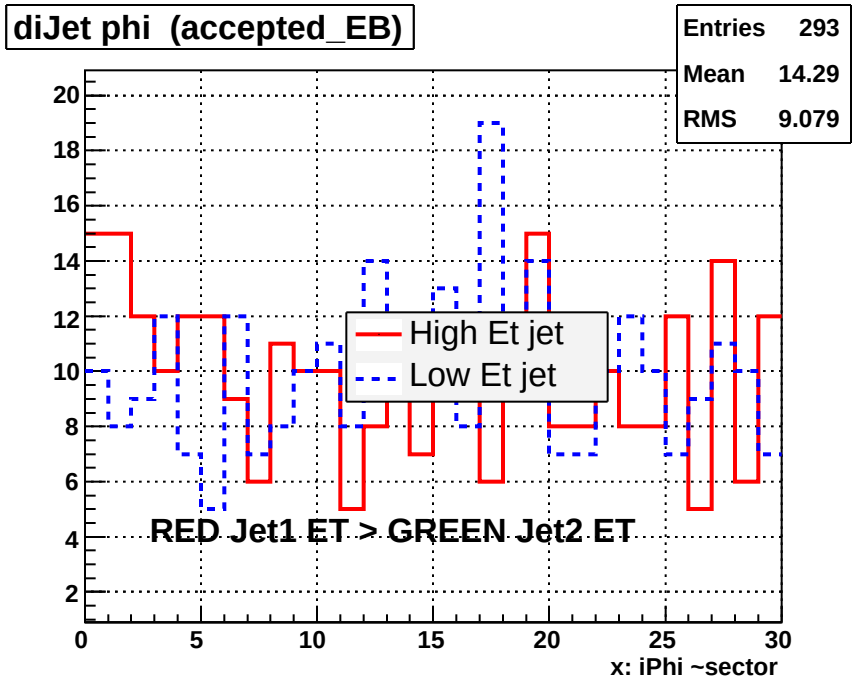

diJet delZeta vs. avrPhi (accepted_EE)
Entries 256
Mean x 14.02
Mean y 32.92
y: delta zeta (rad*10)
x: (iphi1+iphi2)/2 (12 deg/bin)

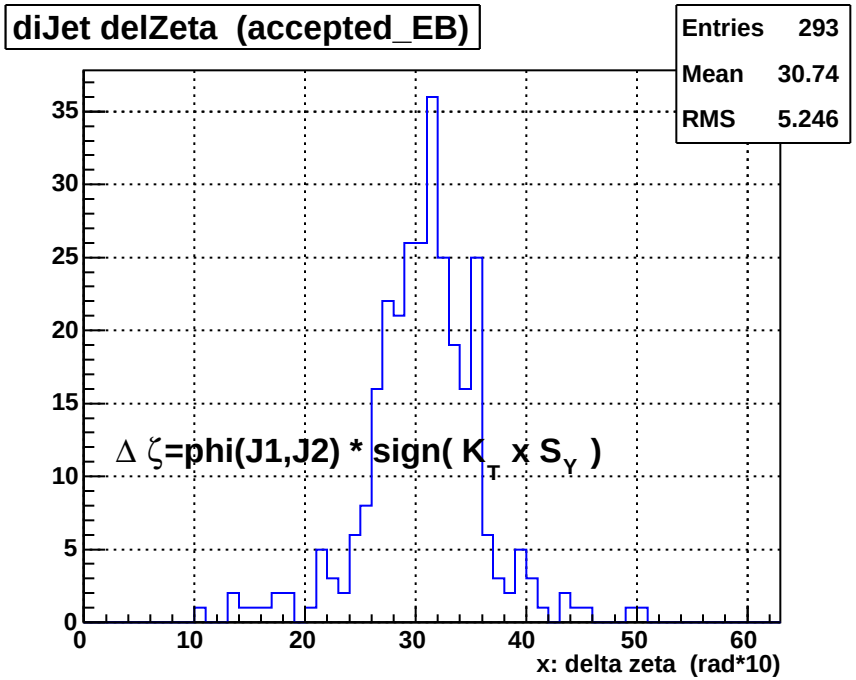

total Et diJet (accepted_EE)
Entries 256
Mean 18.18
x: Et (GeV)

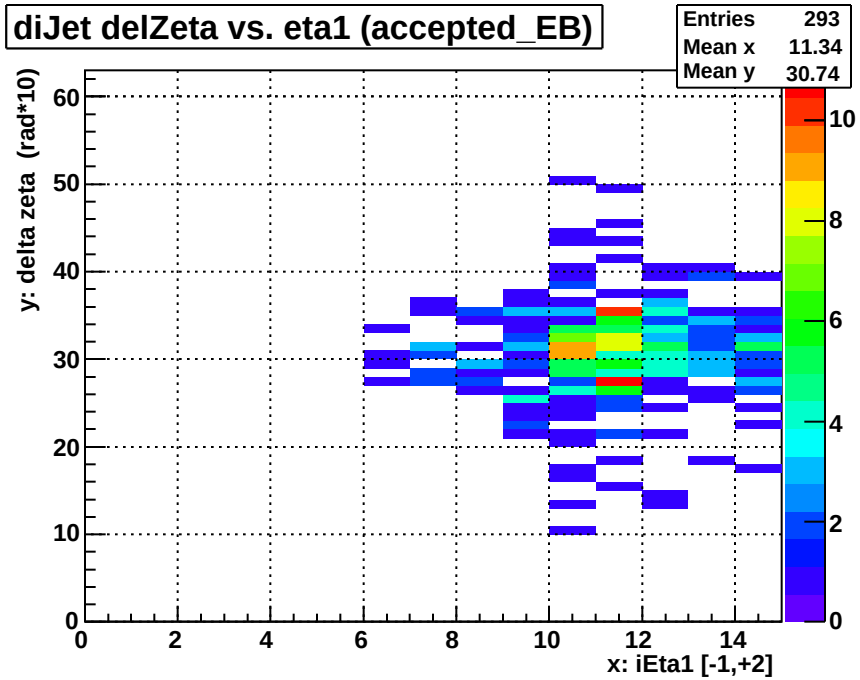

Et of Jet1 vs. Jet2 (accepted_EB)
Entries 293
Jet2/GeV
x: Jet1/GeV
diJet1 eta-phi (accepted_EB)
Entries 293
BTOW-East
BTOW-West
Endcap
y: iPhi ~sector
x: iEta [-1,+2]
diJet phi1-phi2 (accepted_EB)
Entries 293
y: iPhi2 ~sector
x: iPhi1 ~sector
diJet2 eta-phi (accepted_EB)
Entries 293
BTOW-East
BTOW-West
Endcap
y: iPhi ~sector
x: iEta [-1,+2]

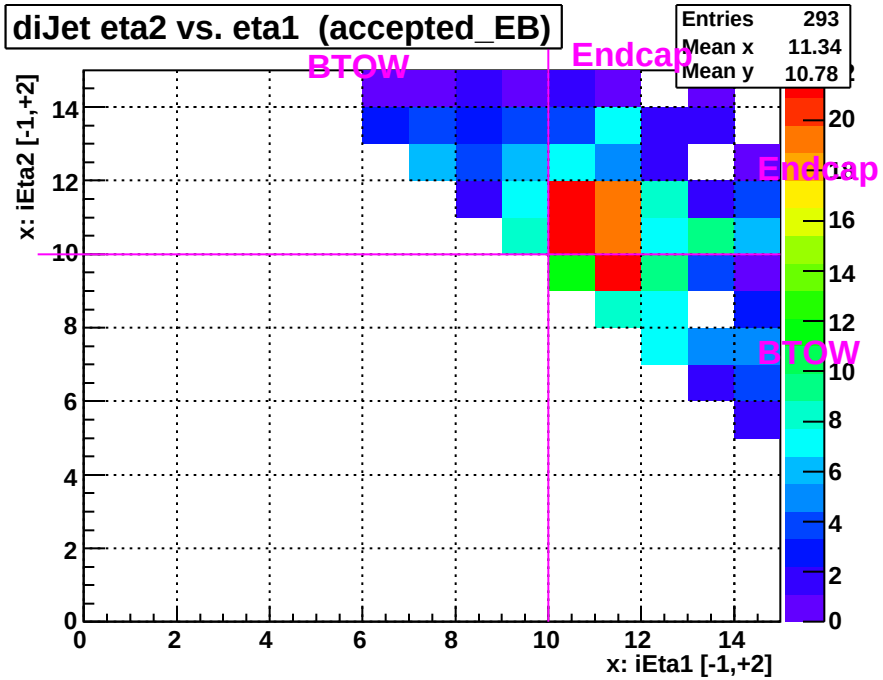

diJet Et (accepted_EB)
Entries 293
Mean 7.544
RMS 1.378
High Et jet
Low Et jet
x: Et (GeV)

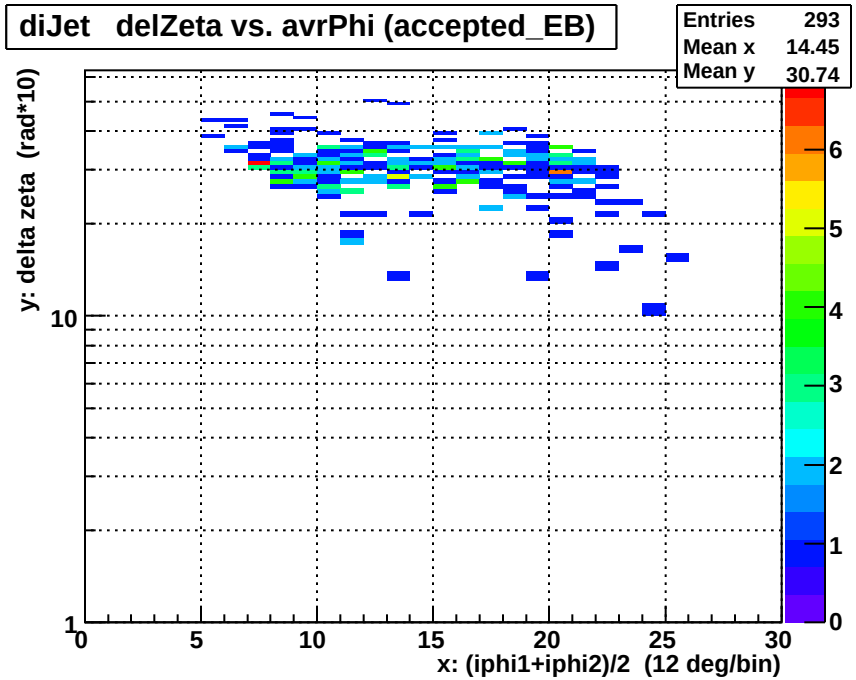

diJet eta (accepted_EB)
Entries 293
Mean 11.34
RMS 1.767
High Et jet
Low Et jet
x: i Eta [-1,+2]

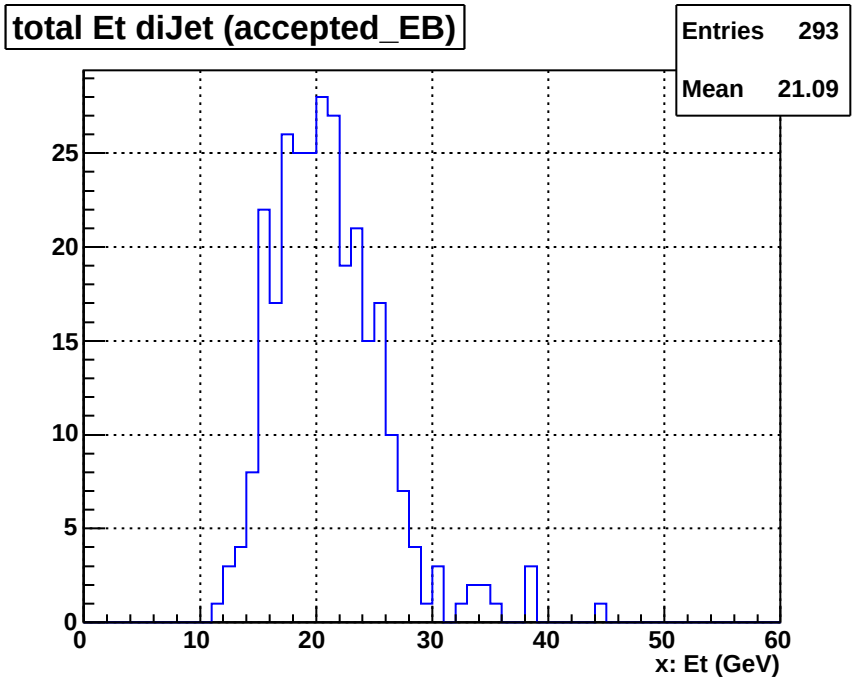

diJet phi (accepted_EB)
Entries 293
Mean 14.29
RMS 9.079
High Et jet
Low Et jet
RED Jet1 ET > GREEN Jet2 ET
x: iPhi ~sector

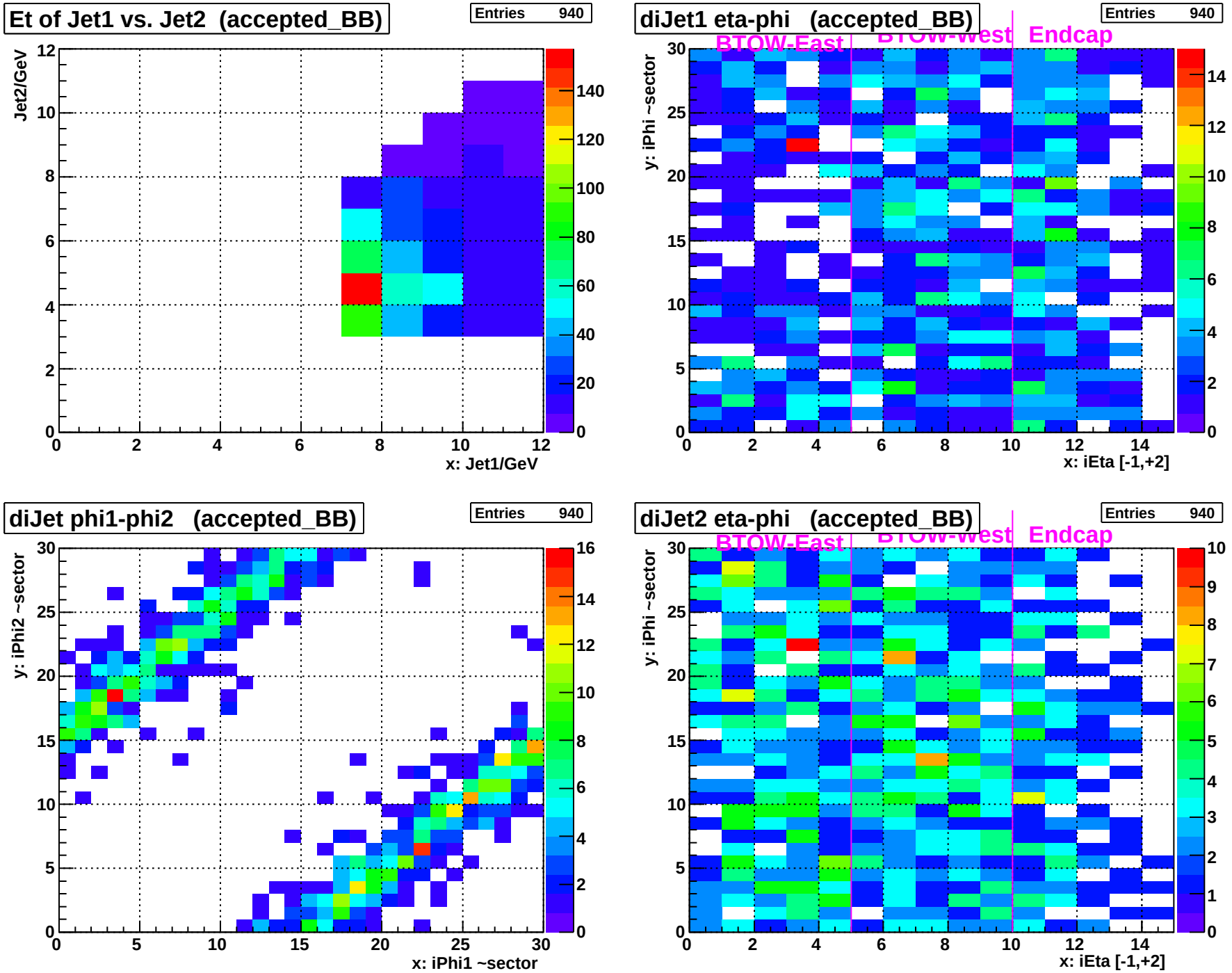

diJet delZeta (accepted_EB)
Entries 293
Mean 30.74
RMS 5.246
Δ ζ=phi(J1,J2) * sign(K_T x S_Y)
x: delta zeta (rad*10)

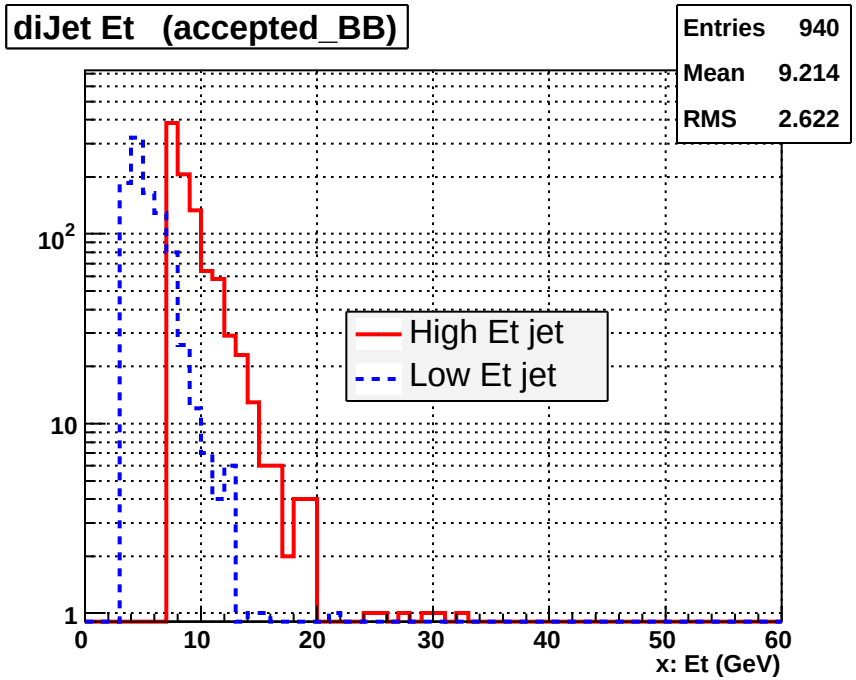

diJet delZeta vs. eta1 (accepted_EB)
Entries 293
Mean x 11.34
Mean y 30.74
y: delta zeta (rad*10)
x: iEta1 [-1,+2]

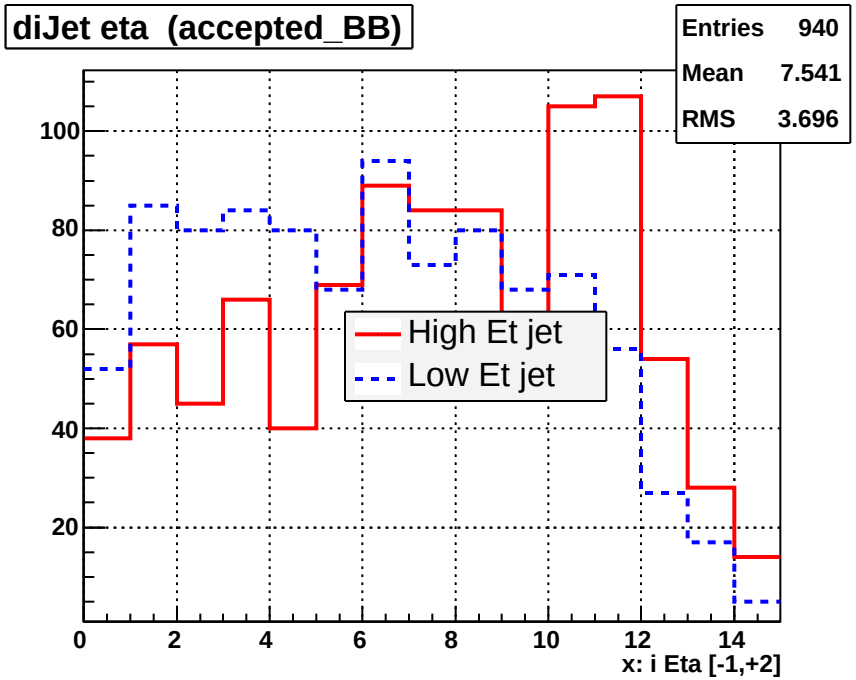

diJet eta2 vs. eta1 (accepted_EB)
Entries 293
Mean x 11.34
Mean y 10.78
BTOW
Endcap
Endcap
BTOW
x: iEta2 [-1,+2]
x: iEta1 [-1,+2]

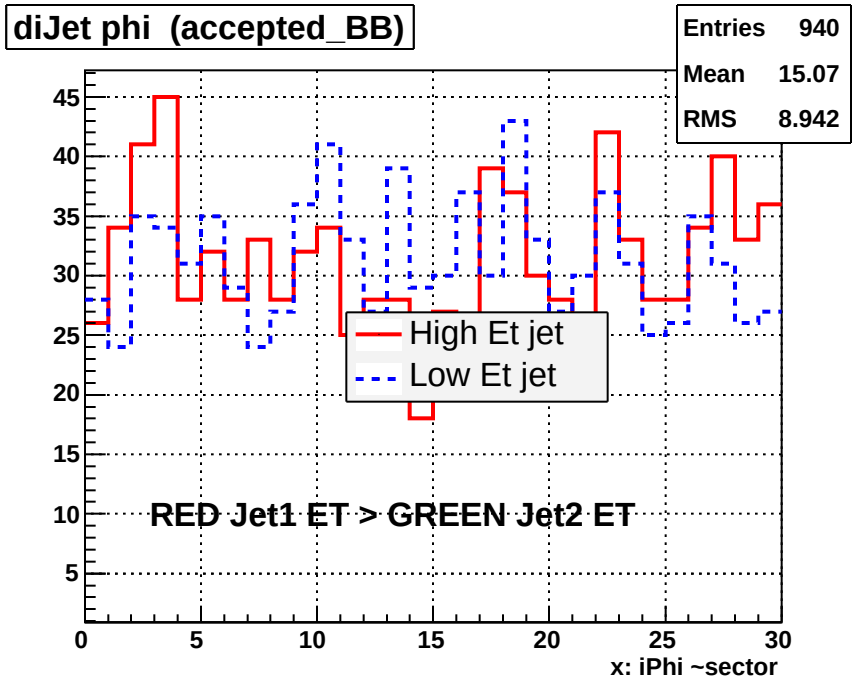

diJet delZeta vs. avrPhi (accepted_EB)
Entries 293
Mean x 14.45
Mean y 30.74
y: delta zeta (rad*10)
x: (iphi1+iphi2)/2 (12 deg/bin)

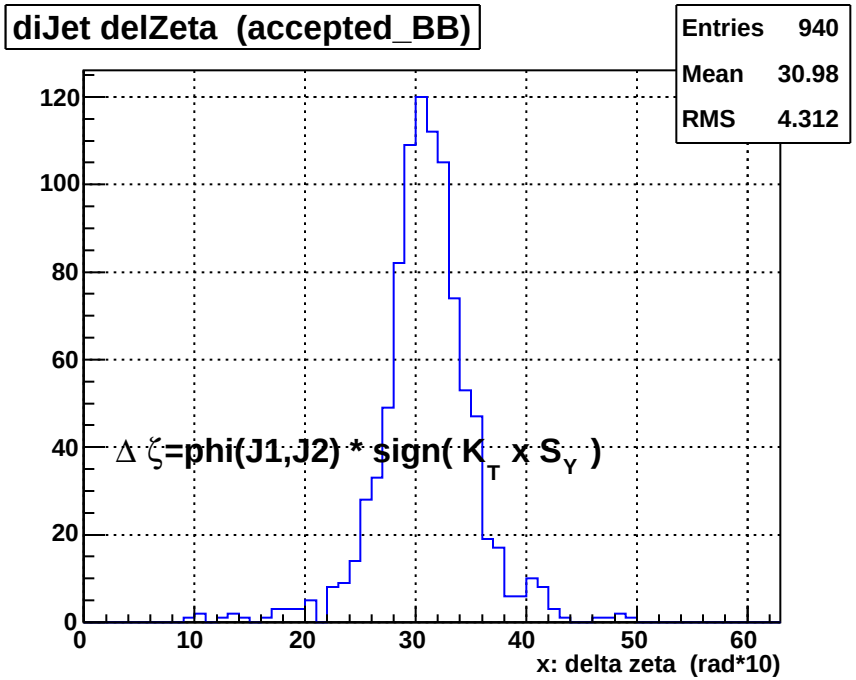

total Et diJet (accepted_EB)
Entries 293
Mean 21.09
x: Et (GeV)

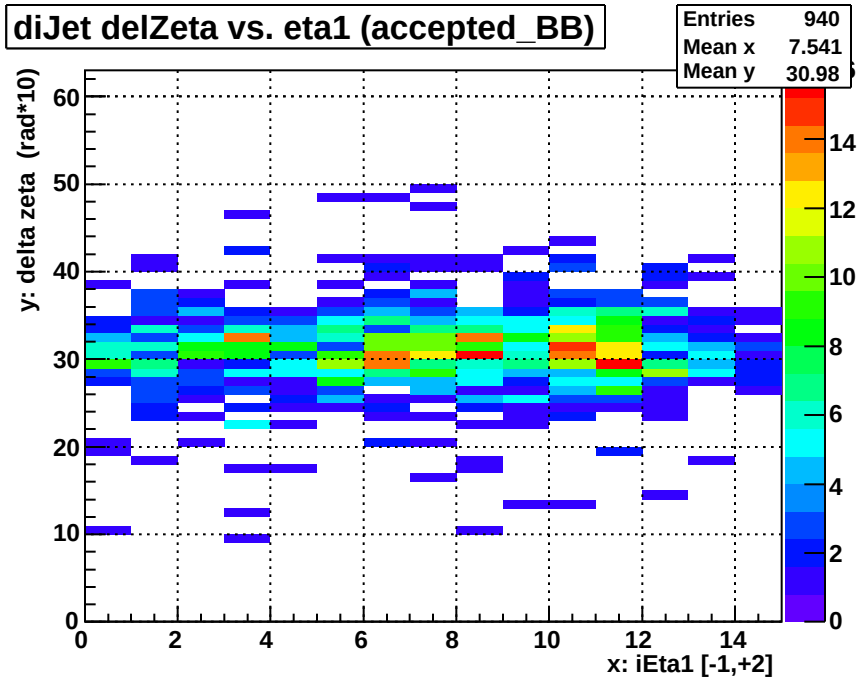

Et of Jet1 vs. Jet2 (accepted_BB)
Entries 940
Jet2/GeV
x: Jet1/GeV
diJet1 eta-phi (accepted_BB)
Entries 940
BTOW-East
BTOW-west
Endcap
y: iPhi ~sector
x: iEta [-1,+2]
diJet phi1-phi2 (accepted_BB)
Entries 940
y: iPhi2 ~sector
x: iPhi1 ~sector
diJet2 eta-phi (accepted_BB)
Entries 940
BTOW-East
BTOW-west
Endcap
y: iPhi ~sector
x: iEta [-1,+2]

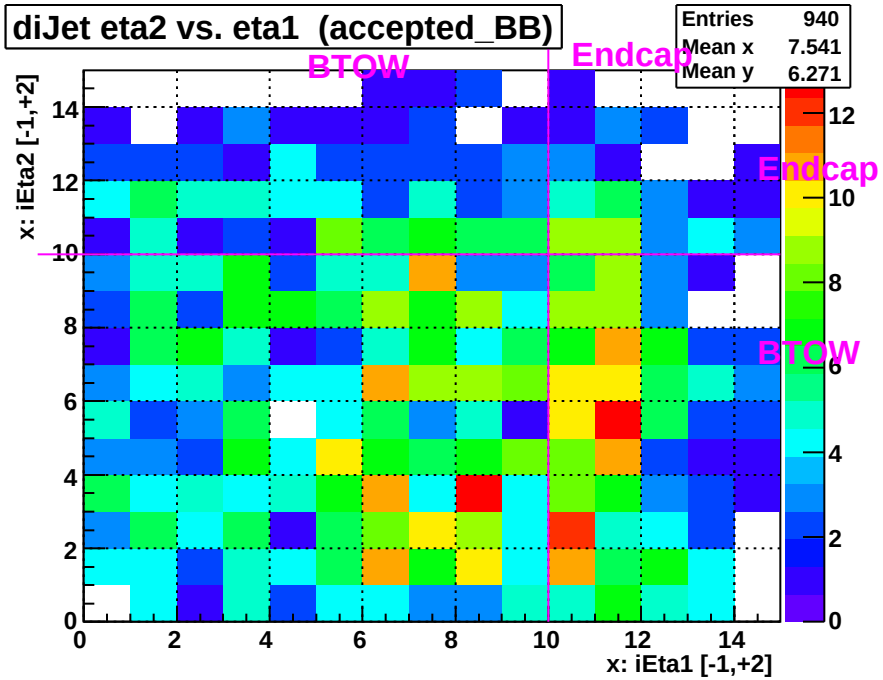

diJet Et (accepted_BB)
Entries 940
Mean 9.214
RMS 2.622
High Et jet
Low Et jet
x: Et (GeV)

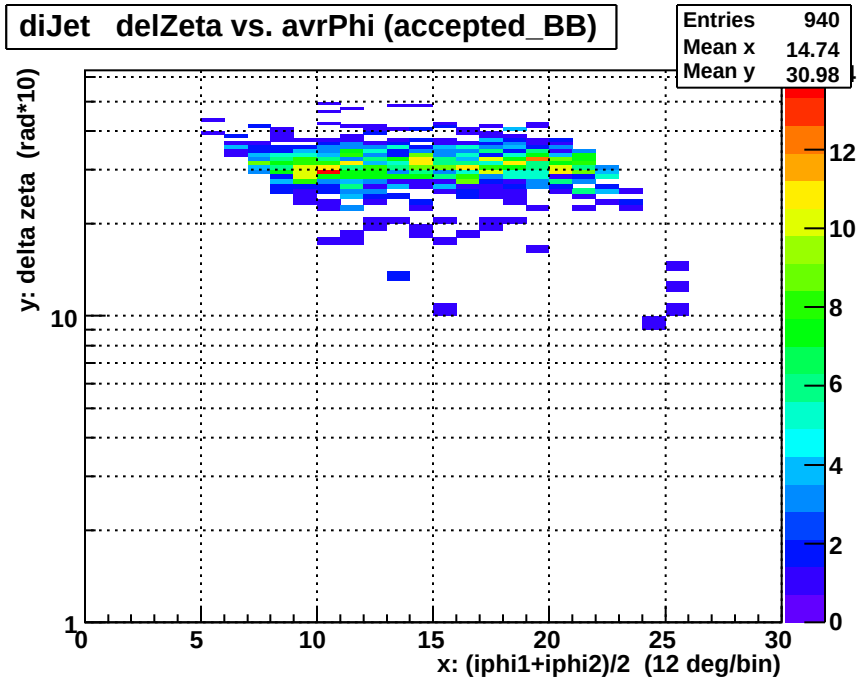

diJet eta (accepted_BB)
Entries 940
Mean 7.541
RMS 3.696
High Et jet
Low Et jet
x: i Eta [-1,+2]

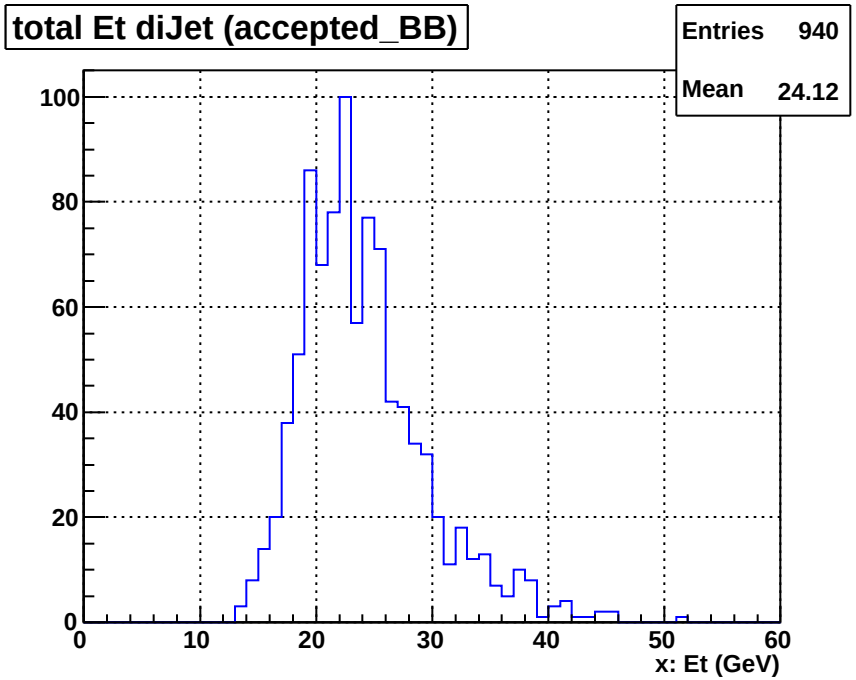

diJet phi (accepted_BB)
Entries 940
Mean 15.07
RMS 8.942
High Et jet
Low Et jet
RED Jet1 ET > GREEN Jet2 ET
x: iPhi ~sector


diJet delZeta (accepted_BB)
Entries 940
Mean 30.98
RMS 4.312
Δ ζ=phi(J1,J2) * sign(K_T x S_Y)
x: delta zeta (rad*10)


diJet delZeta vs. eta1 (accepted_BB)
Entries 940
Mean x 7.541
Mean y 30.98
y: delta zeta (rad*10)
x: iEta1 [-1,+2]


diJet eta2 vs. eta1 (accepted_BB)
Entries 940
Mean x 7.541
Mean y 6.271
BTOW
Endcap
Endcap
BTOW
x: iEta2 [-1,+2]
x: iEta1 [-1,+2]


diJet delZeta vs. avrPhi (accepted_BB)
Entries 940
Mean x 14.74
Mean y 30.98
y: delta zeta (rad*10)
x: (iphi1+iphi2)/2 (12 deg/bin)


total Et diJet (accepted_BB)
Entries 940
Mean 24.12
x: Et (GeV)