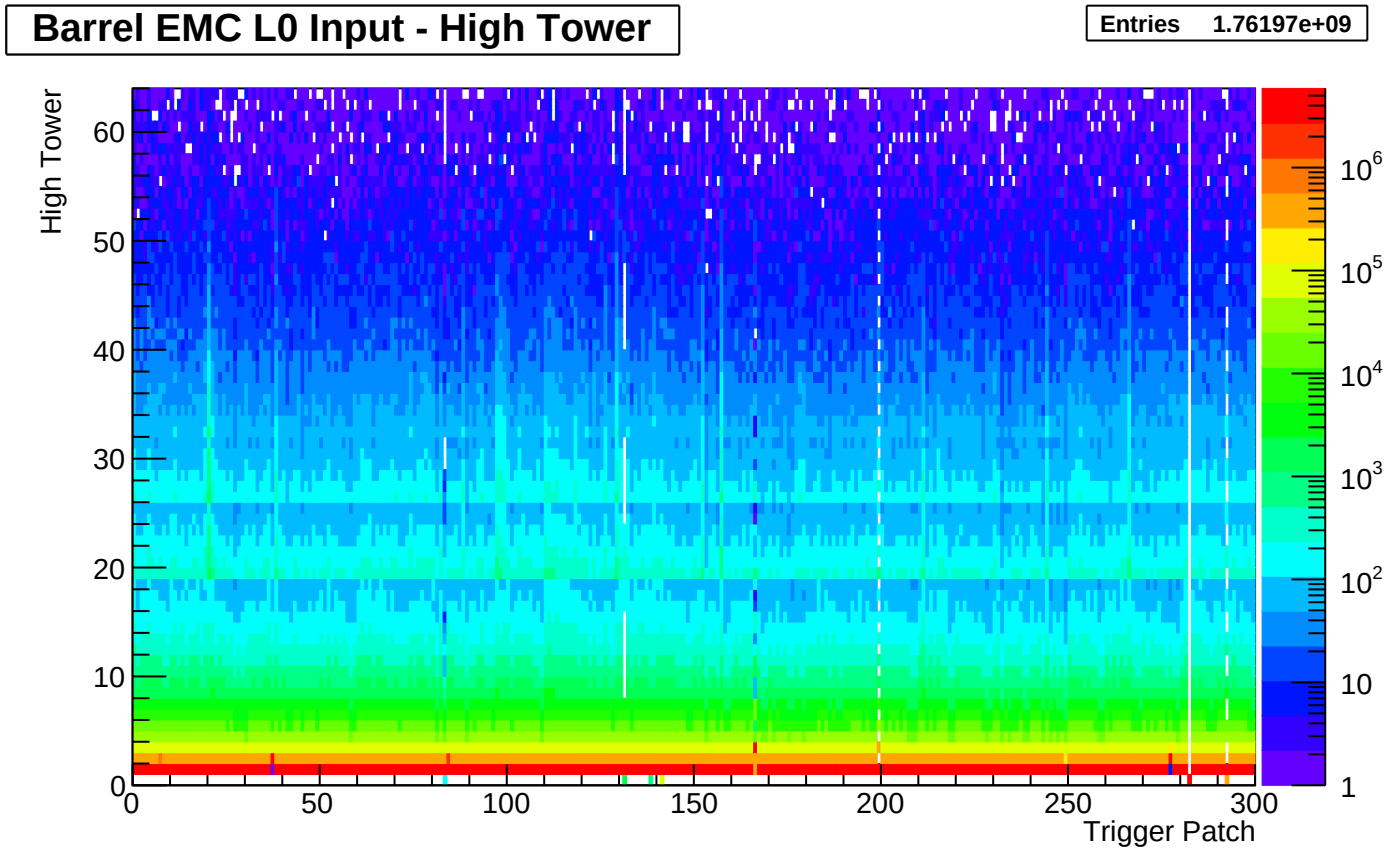
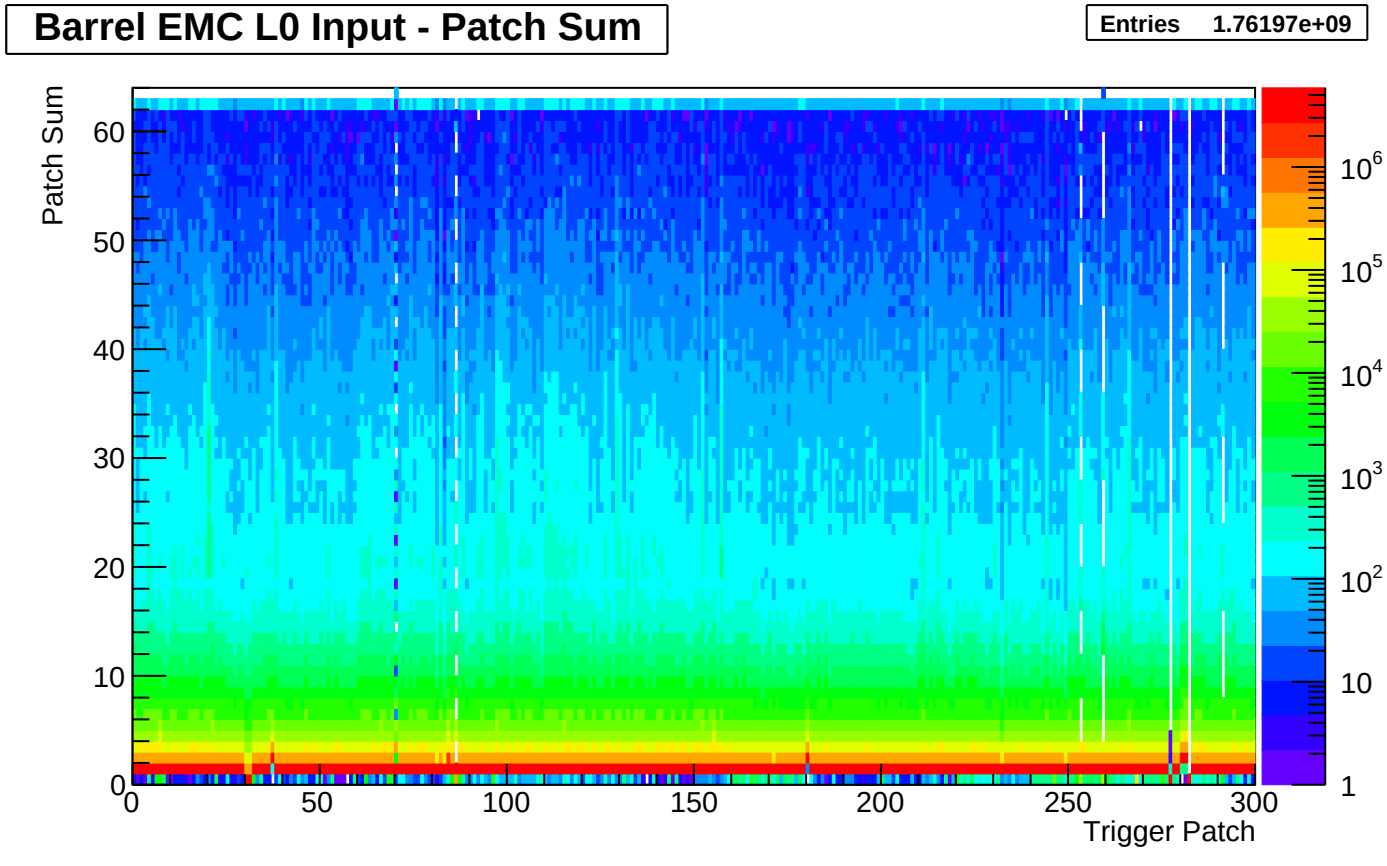
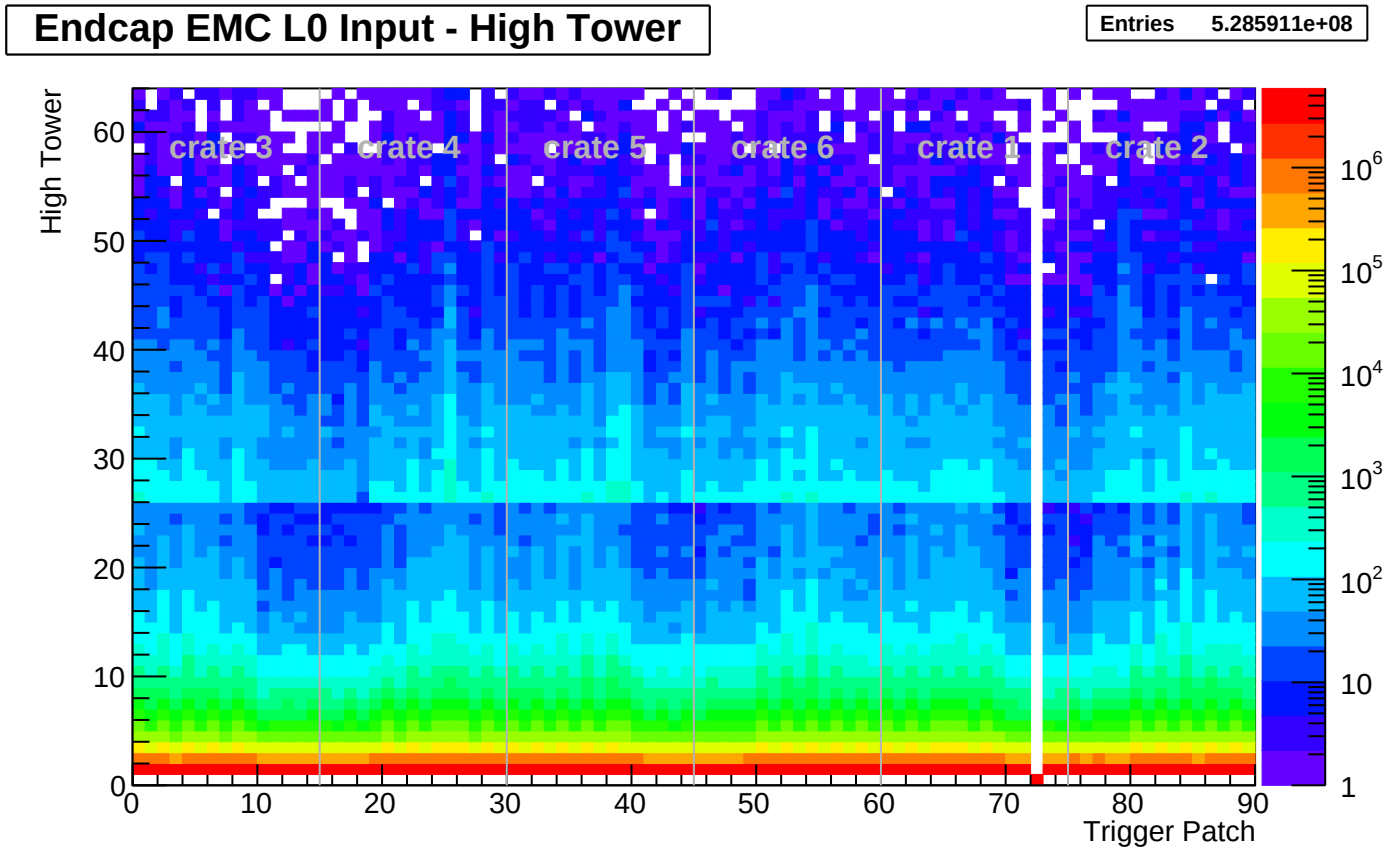
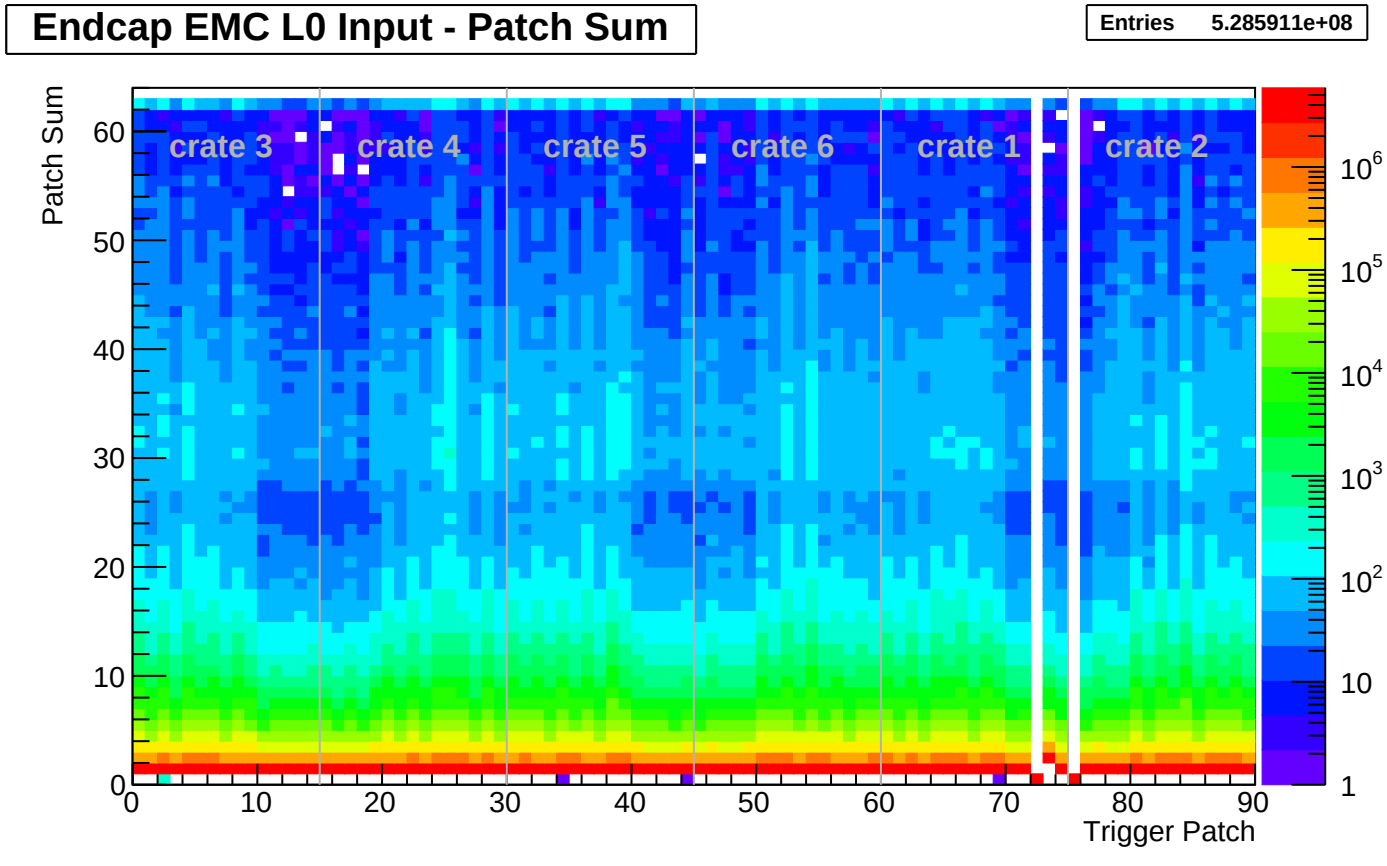
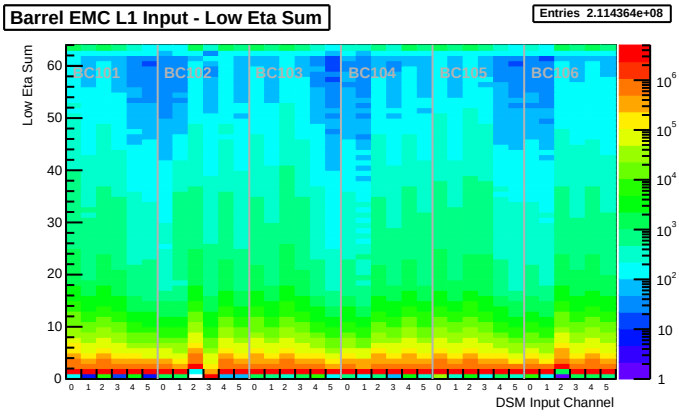
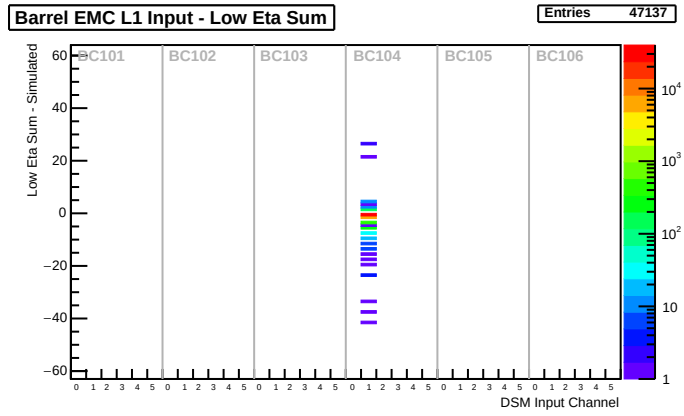

Barrel EMC L0 Input - High Tower
Entries 1.76197e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

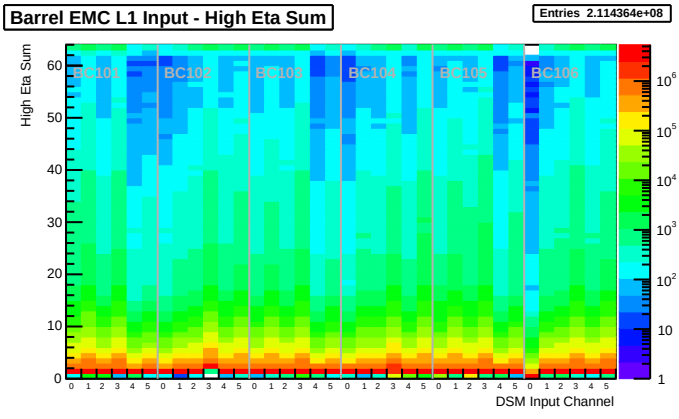

Barrel EMC L0 Input - Patch Sum
Entries 1.76197e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

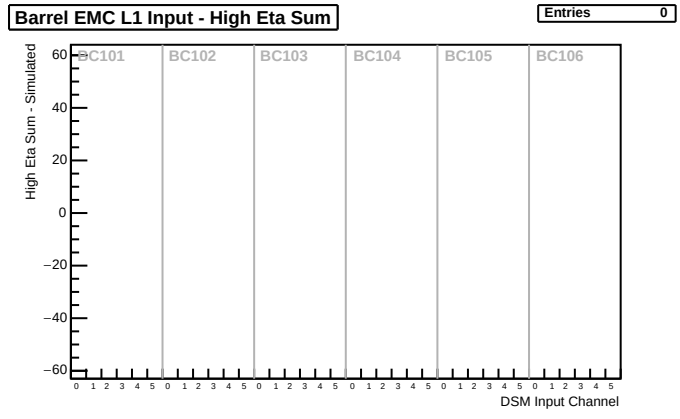

Endcap EMC L0 Input - High Tower
Entries 5.285911e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

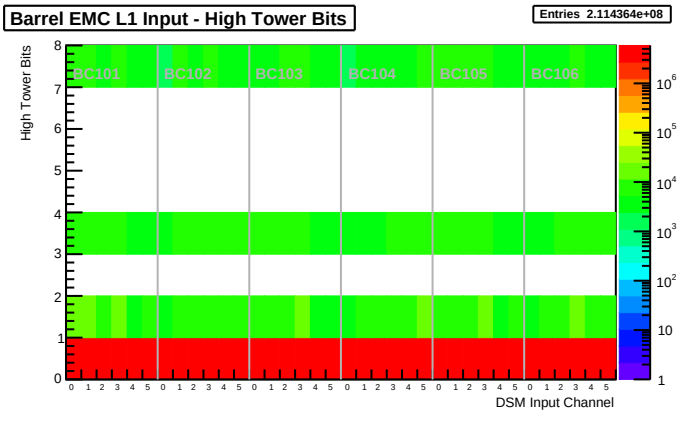

Endcap EMC L0 Input - Patch Sum
Entries 5.285911e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

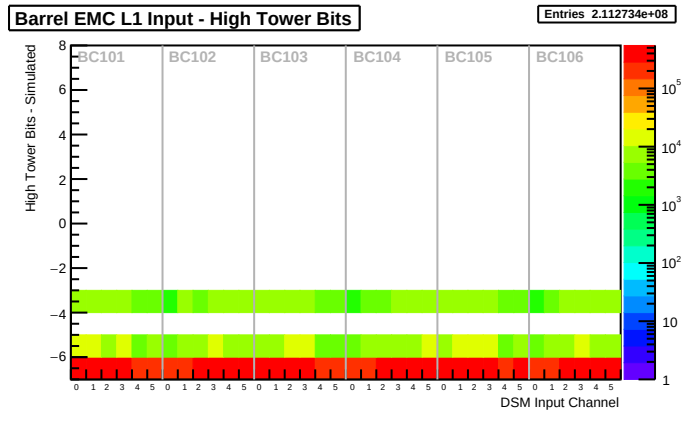

Barrel EMC L1 Input - Low Eta Sum
Entries 2.114364e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

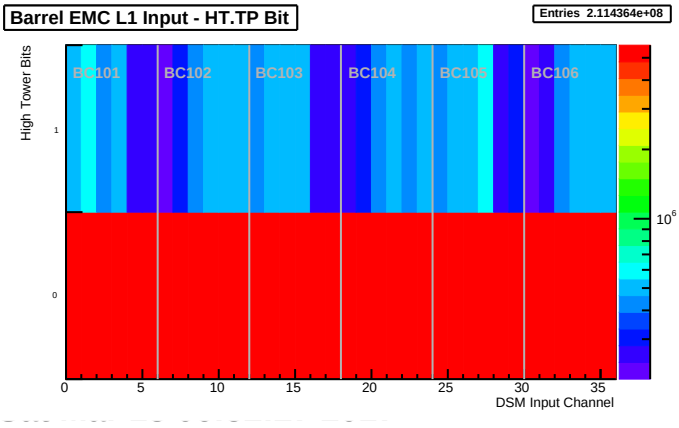

Barrel EMC L1 Input - Low Eta Sum
Entries 47137
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

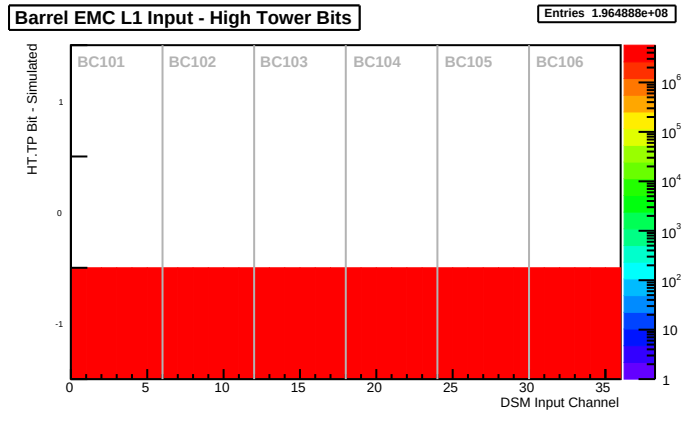

Barrel EMC L1 Input - High Eta Sum
Entries 2.114364e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

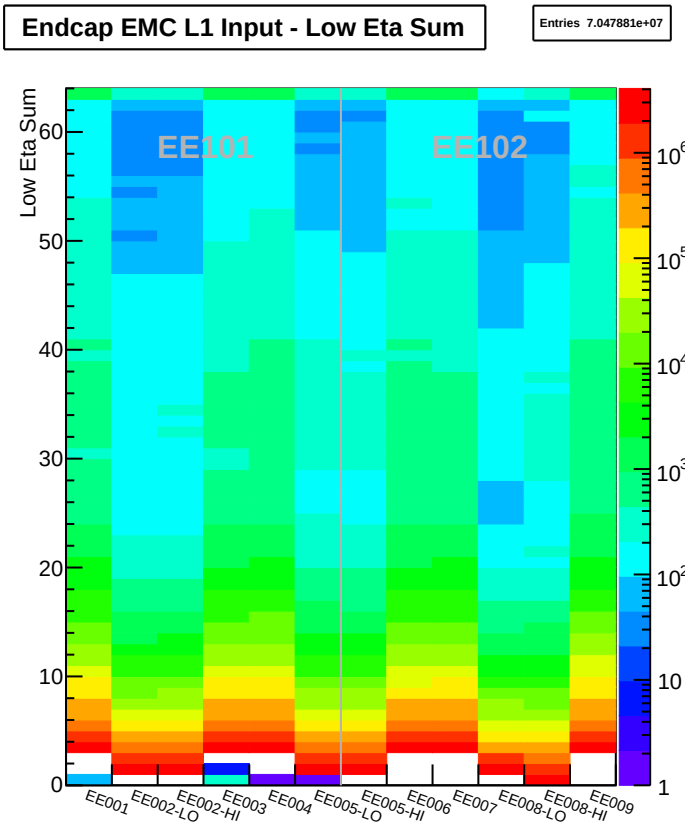

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

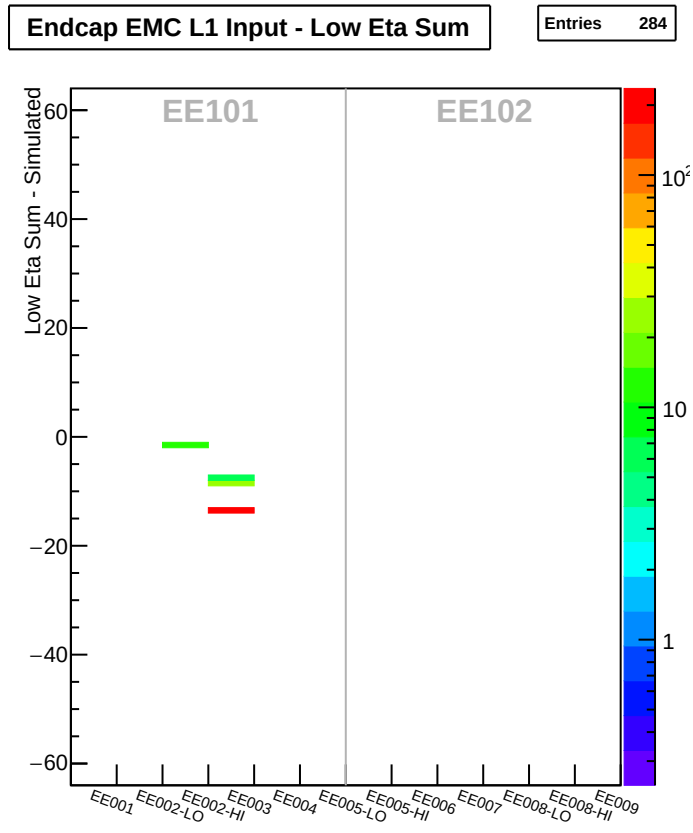

Barrel EMC L1 Input - High Tower Bits
Entries 2.114364e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

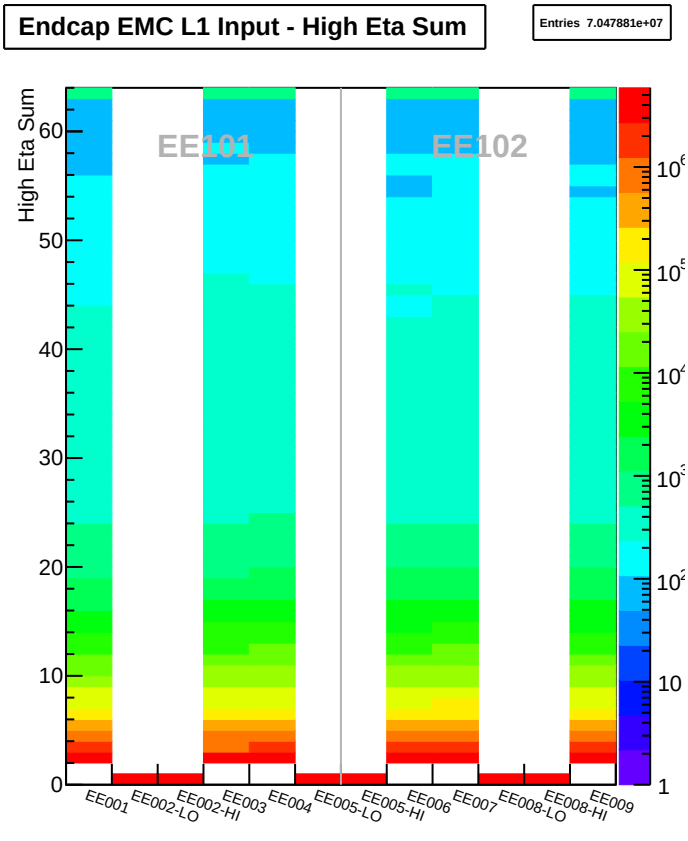

Barrel EMC L1 Input - High Tower Bits
Entries 2.112734e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

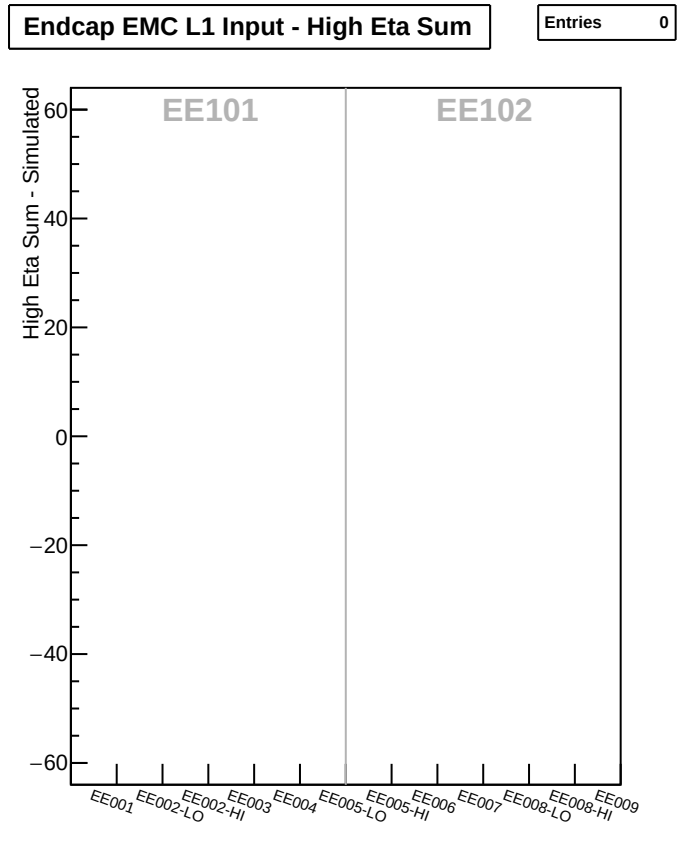

Barrel EMC L1 Input - HT.TP Bit
Entries 2.114364e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel


Barrel EMC L1 Input - High Tower Bits
Entries 1.964888e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

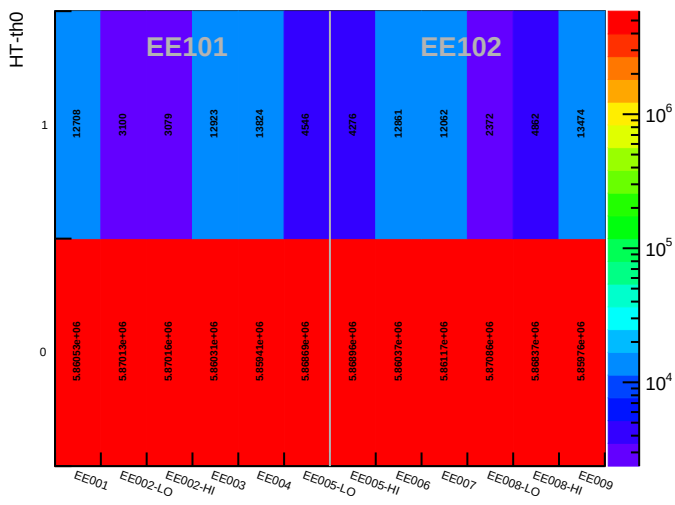

Endcap EMC L1 Input - Low Eta Sum
Entries 7.047881e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009


Endcap EMC L1 Input - Low Eta Sum
Entries 284
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

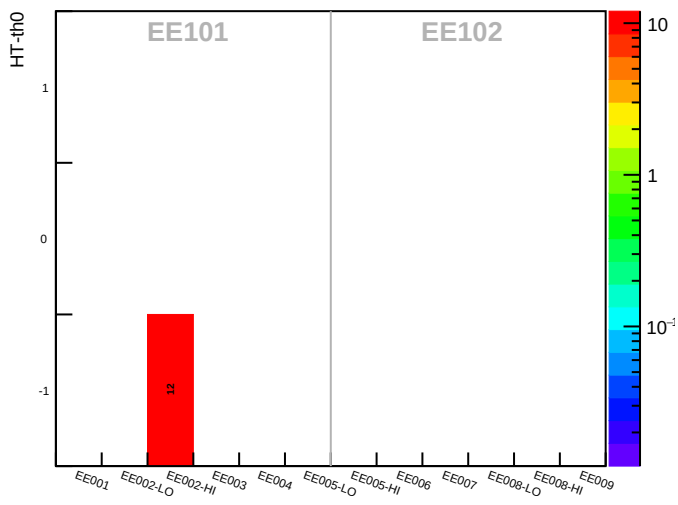

Endcap EMC L1 Input - High Eta Sum
Entries 7.047881e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009


Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

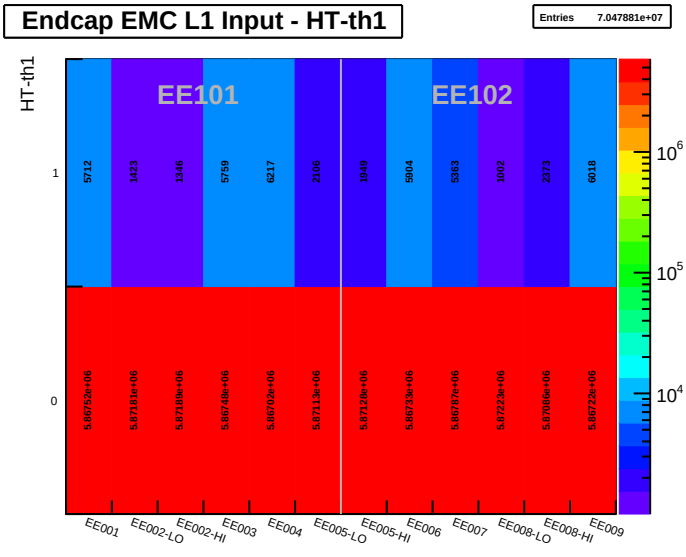
Endcap EMC L1 Input - HT-th0



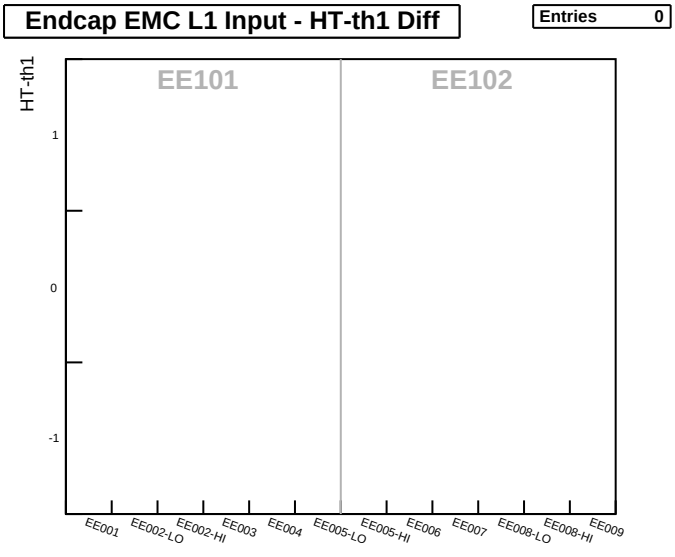
Endcap EMC L1 Input - HT-th0 Diff



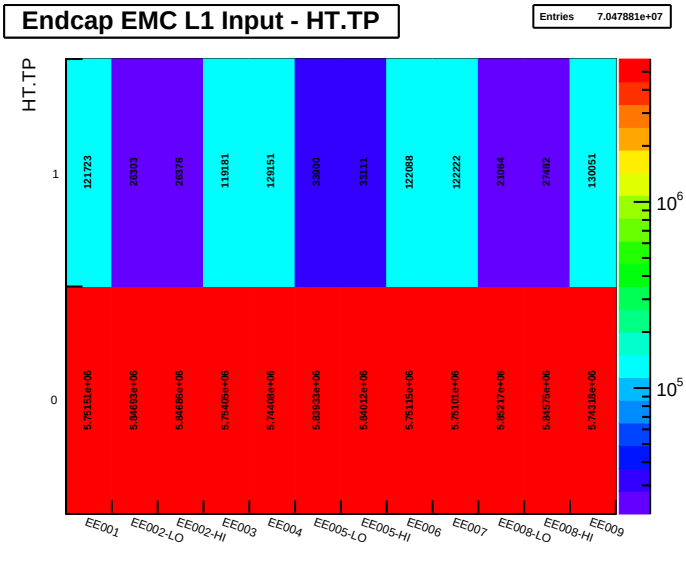
Endcap EMC L1 Input - HT-th1



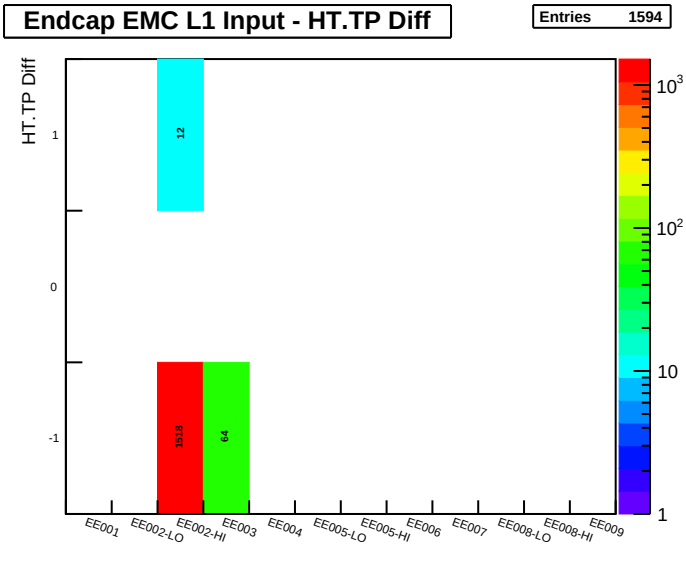
Endcap EMC L1 Input - HT-th1 Diff

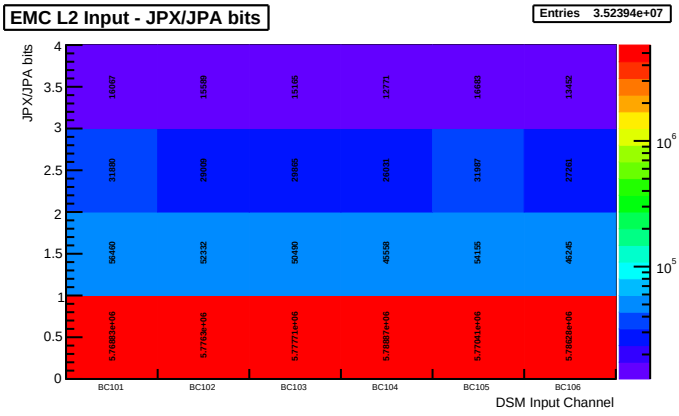


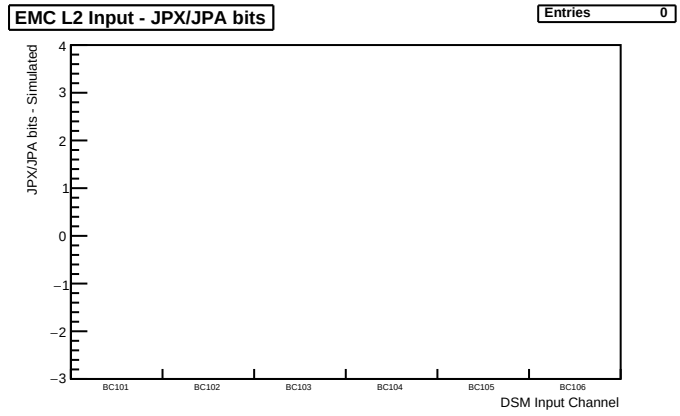
Endcap EMC L1 Input - HT.TP

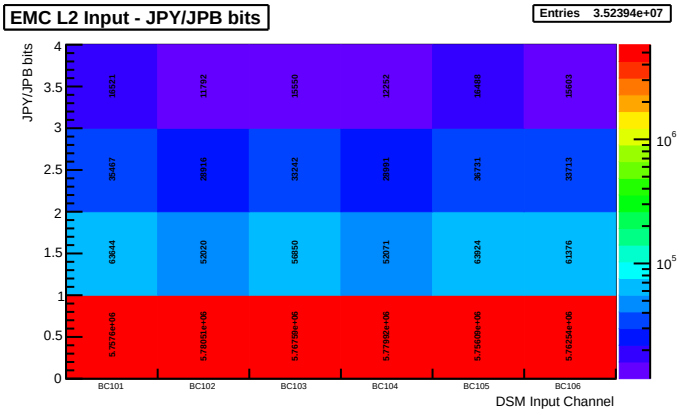


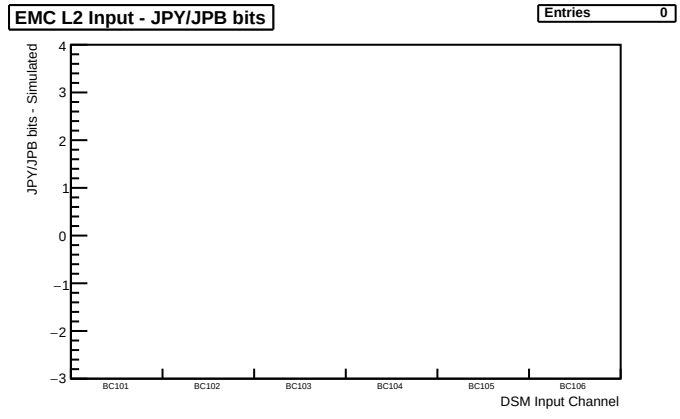
Endcap EMC L1 Input - HT.TP Diff

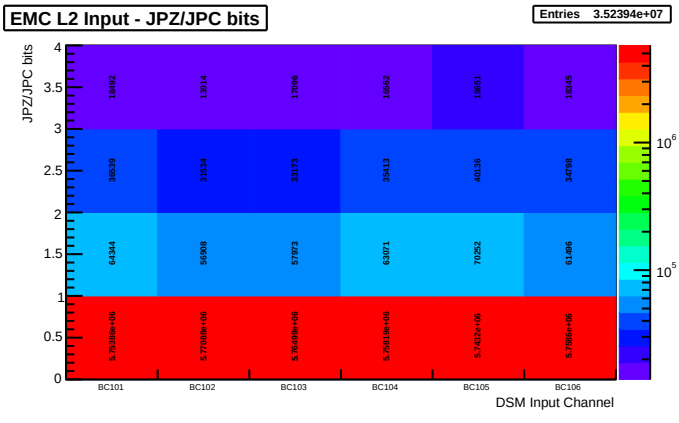


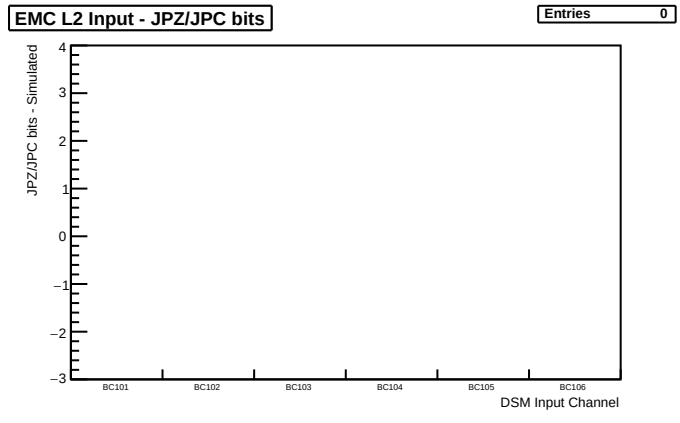

EMC L2 Input - JPX/JPA bits
Entries 3.52394e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

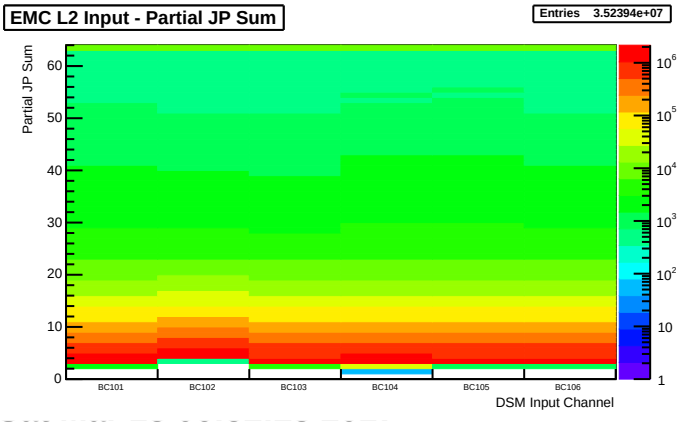

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

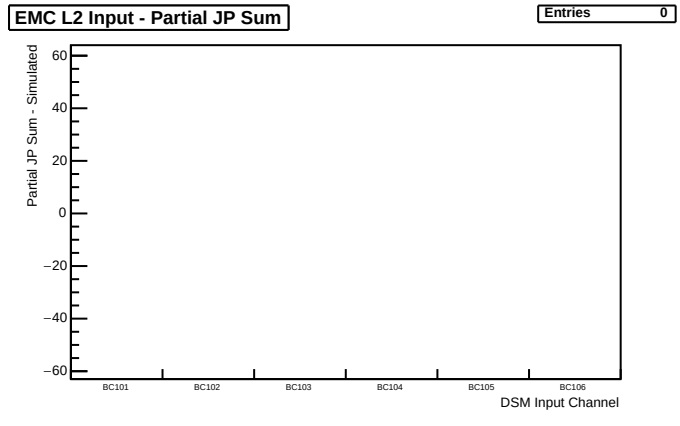

EMC L2 Input - JPY/JPB bits
Entries 3.52394e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

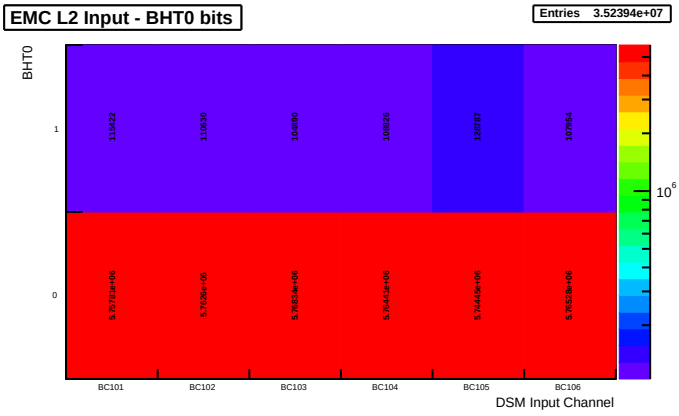

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

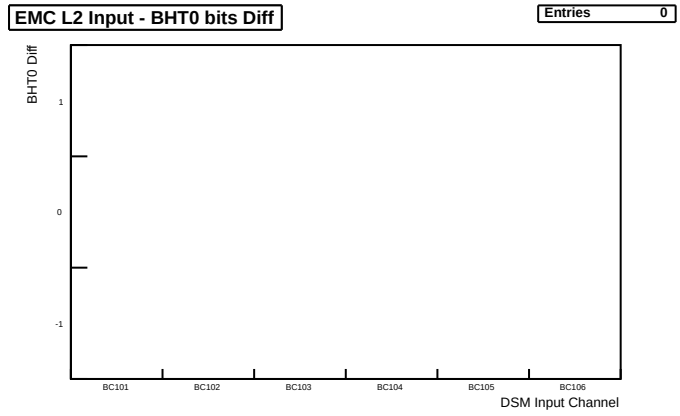

EMC L2 Input - JPZ/JPC bits
Entries 3.52394e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

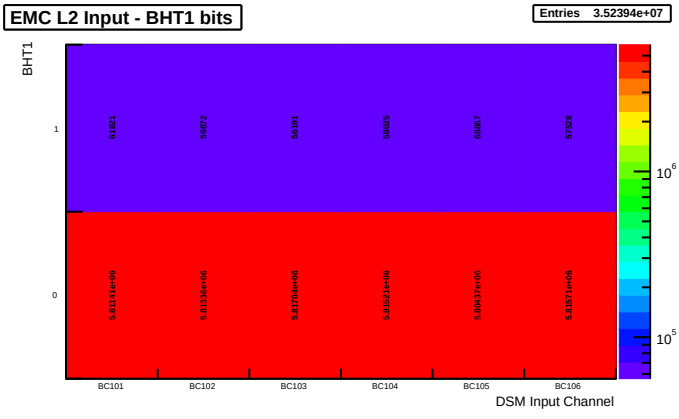

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

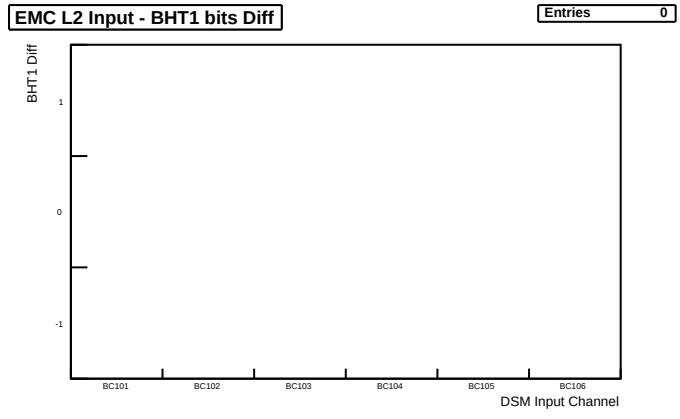

EMC L2 Input - Partial JP Sum
Entries 3.52394e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

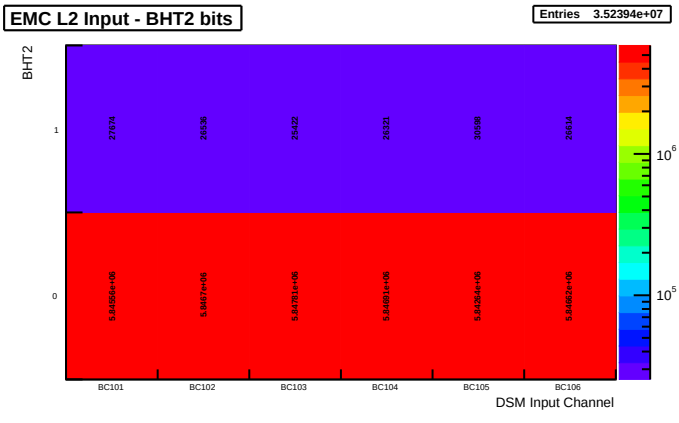

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

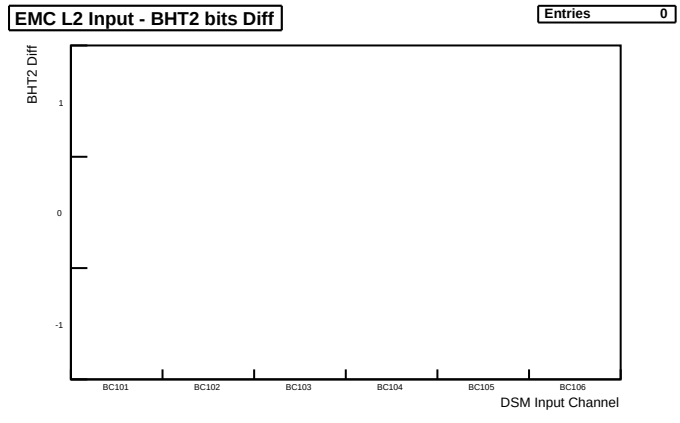

EMC L2 Input - BHT0 bits
Entries 3.52394e+07
BHT0
1
0
115422
110530
104930
108826
122787
107954
5.7578e+06
5.7628e+06
5.7683e+06
5.7644e+06
5.7444e+06
5.7632e+06
10^6
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

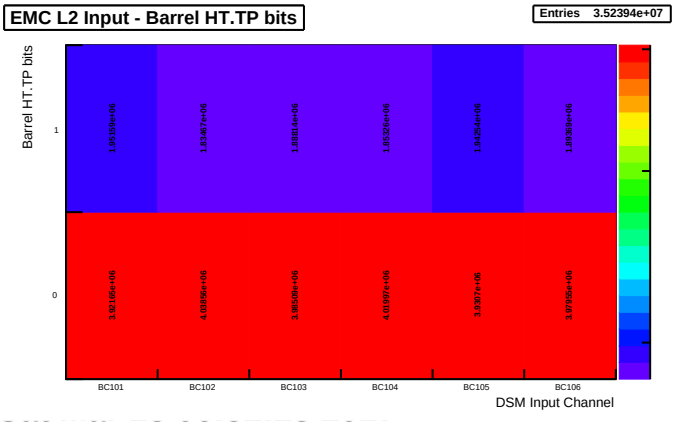

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

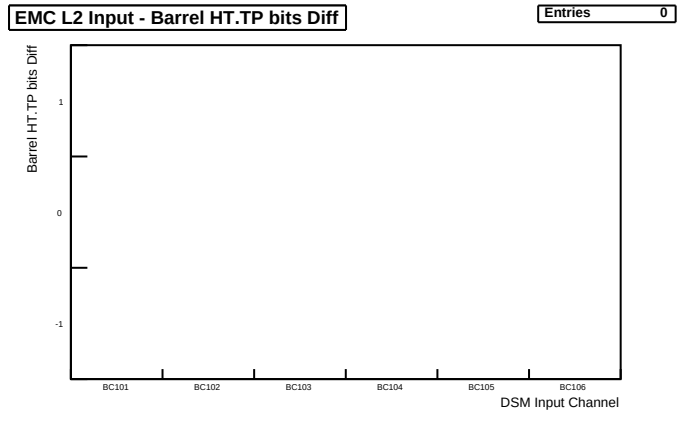

EMC L2 Input - BHT1 bits
Entries 3.52394e+07
BHT1
1
0
61821
59972
59191
59025
63867
57528
5.81141e+06
5.81336e+06
5.81704e+06
5.81521e+06
5.80437e+06
5.81571e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

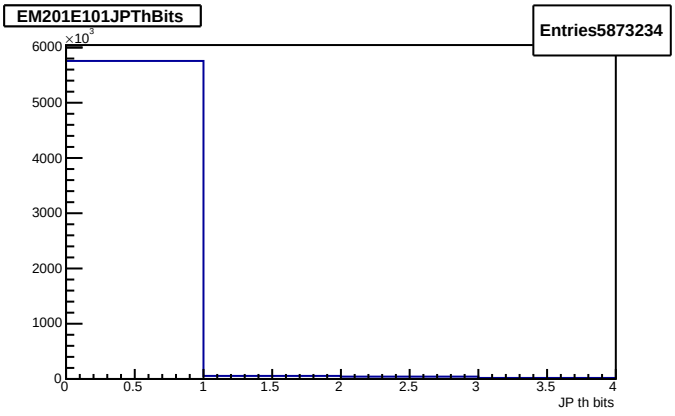

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

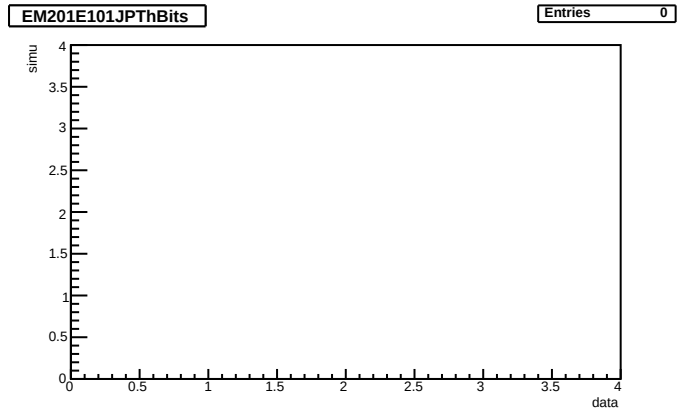

EMC L2 Input - BHT2 bits
Entries 3.52394e+07
BHT2
1
0
27574
26538
25422
26321
30588
26514
5.84556e+06
5.8467e+06
5.84781e+06
5.84681e+06
5.84264e+06
5.84682e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

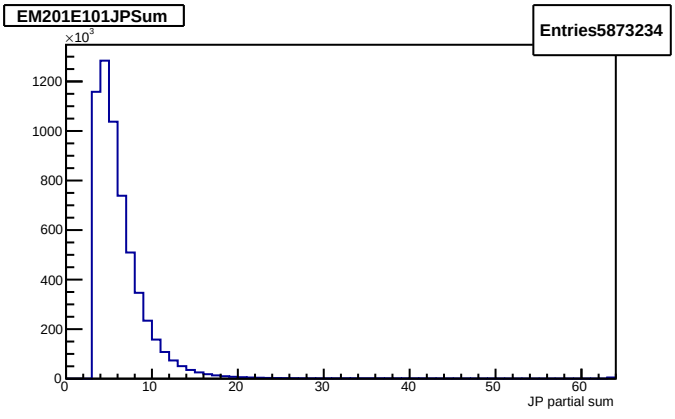

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

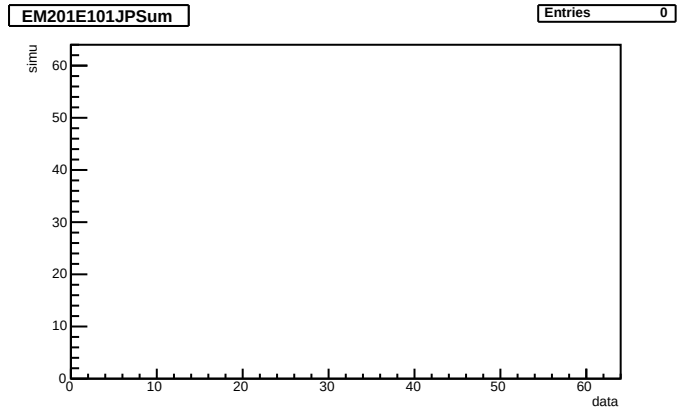

EMC L2 Input - Barrel HT.TP bits
Entries 3.52394e+07
Barrel HT.TP bits
1
0
1.95159e+06
1.93467e+06
1.88014e+06
1.93326e+06
1.94254e+06
1.93369e+06
3.92165e+06
4.01856e+06
3.96509e+06
4.01997e+06
3.93074e+06
3.97055e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

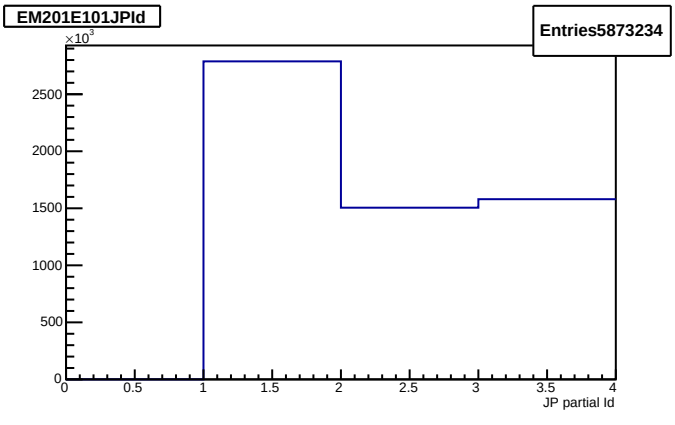

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

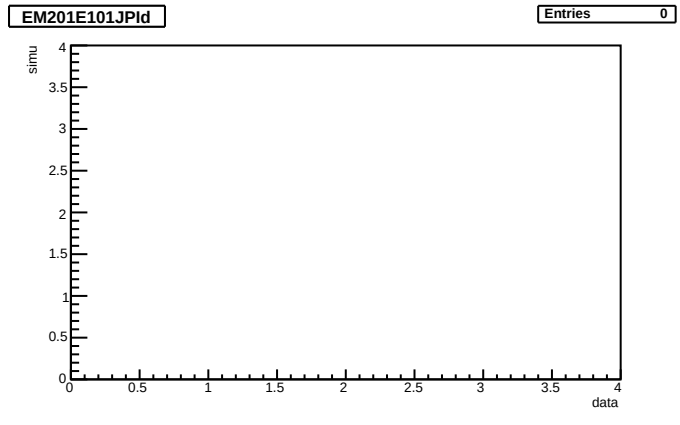

EM201E101JPThBits
Entries5873234
×10^3
JP th bits


EM201E101JPThBits
Entries 0
simu
data


EM201E101JPSum
Entries5873234
×10^3
JP partial sum


EM201E101JPSum
Entries 0
simu
data


EM201E101JPId
Entries5873234
×10^3
JP partial Id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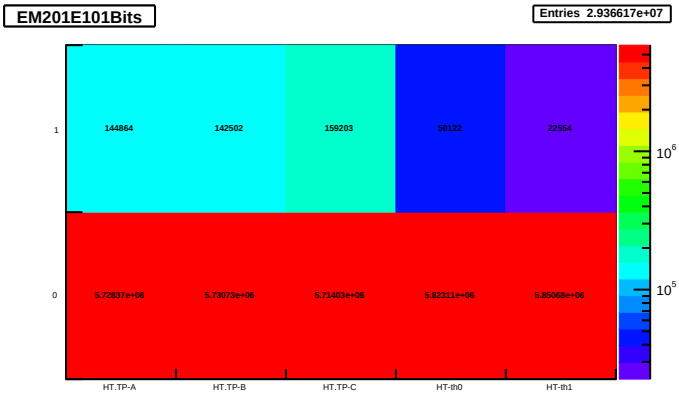
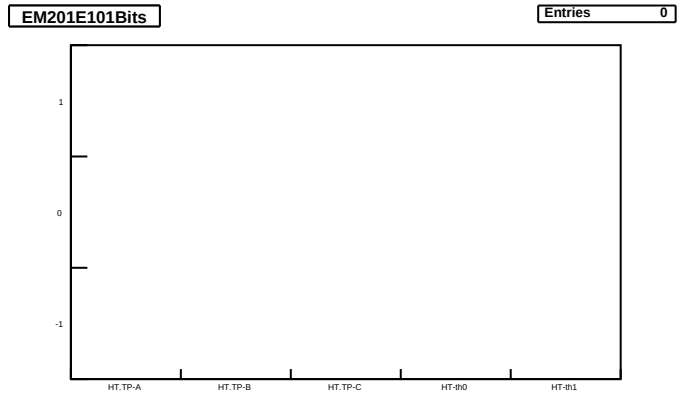
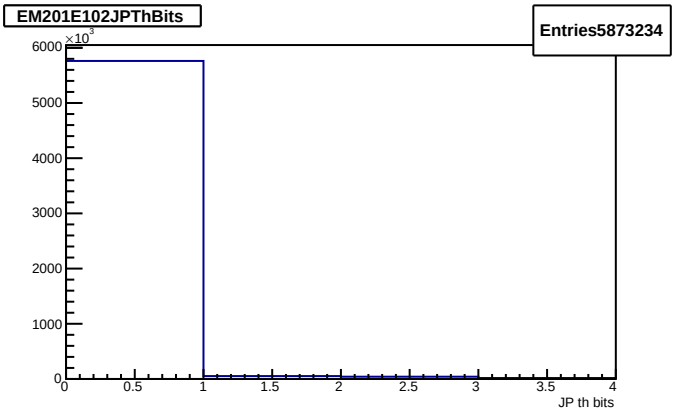
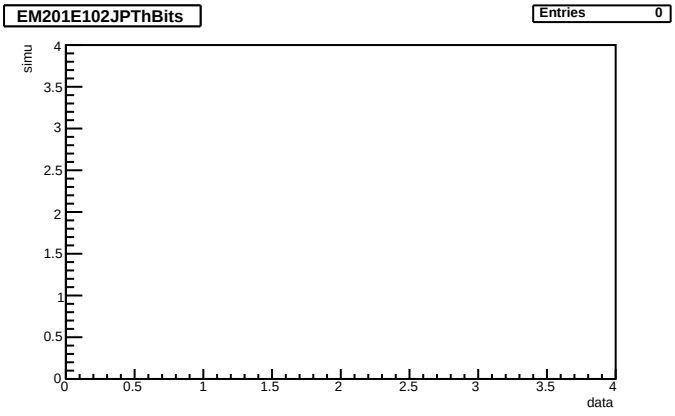
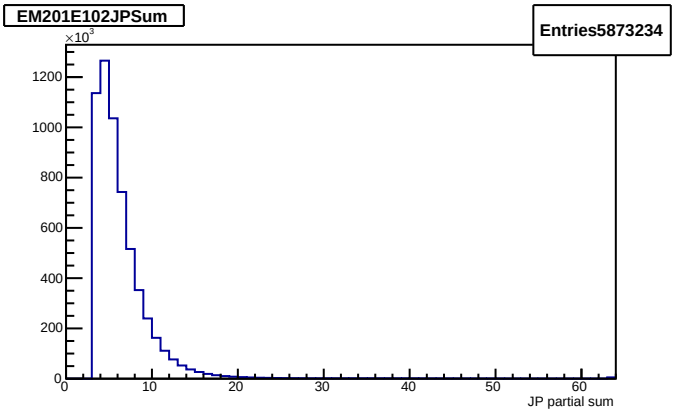
Entries 0
simu
data

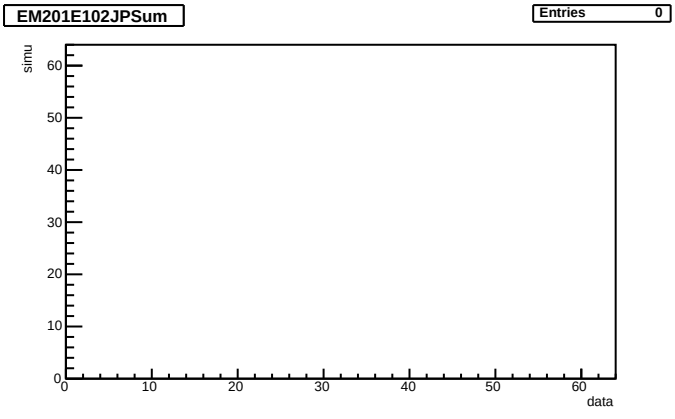

EM201E101Bits
Entries 2.936617e+07
144864
142502
159203
50122
22554
5.72837e+06
5.73073e+06
5.71403e+06
5.82311e+06
5.85068e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

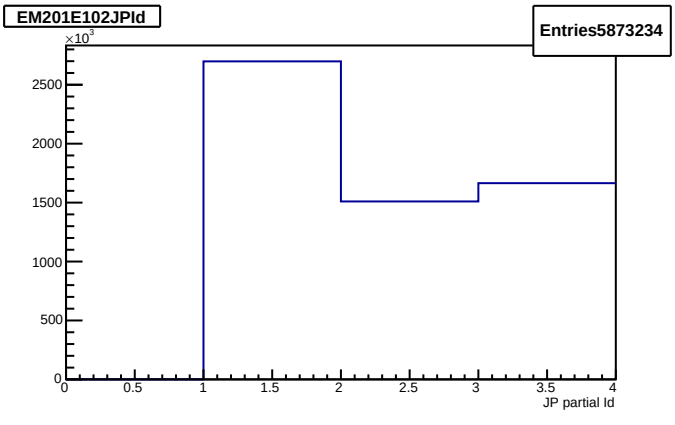

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

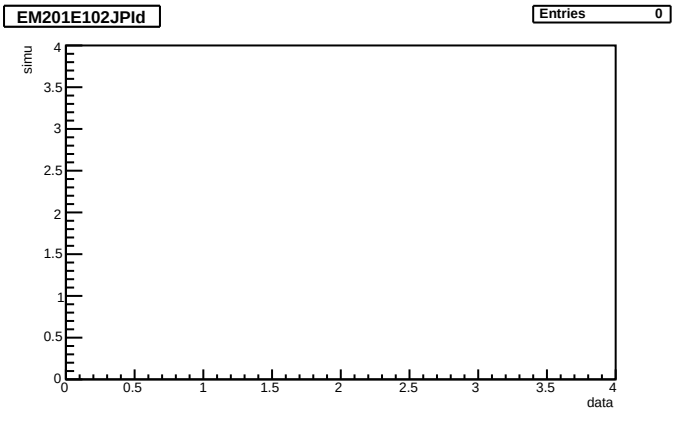

EM201E102JPThBits
Entries5873234
×10^3
JP th bits

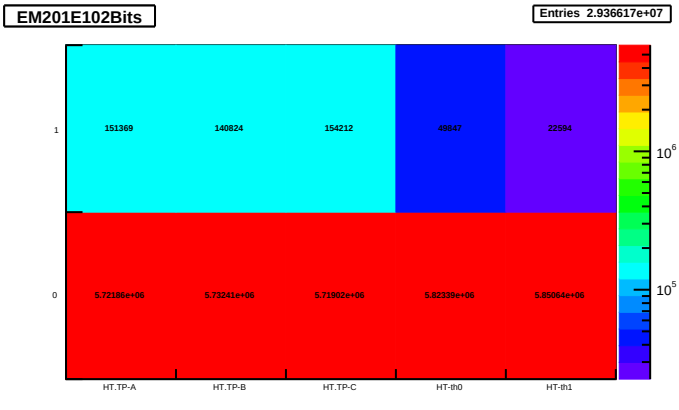

EM201E102JPThBits
Entries 0
simu
data

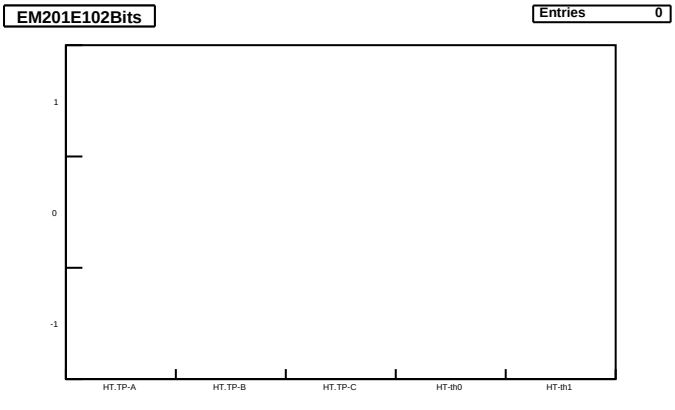

EM201E102JPSum
Entries5873234
×10^3
JP partial sum

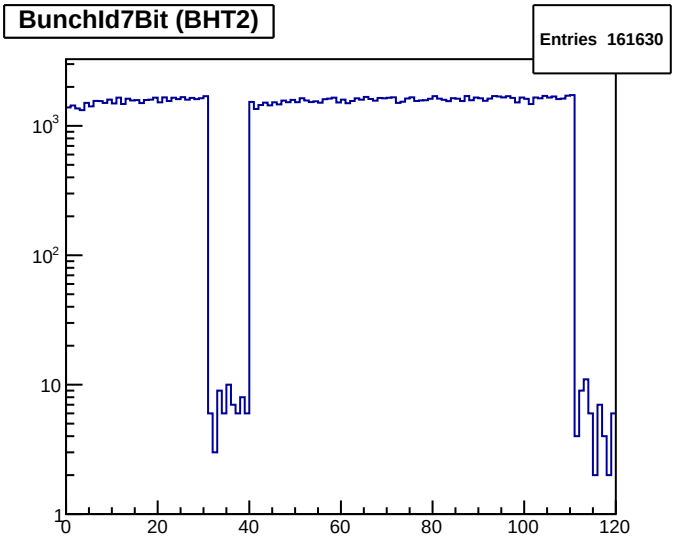

EM201E102JPSum
Entries 0
simu
data

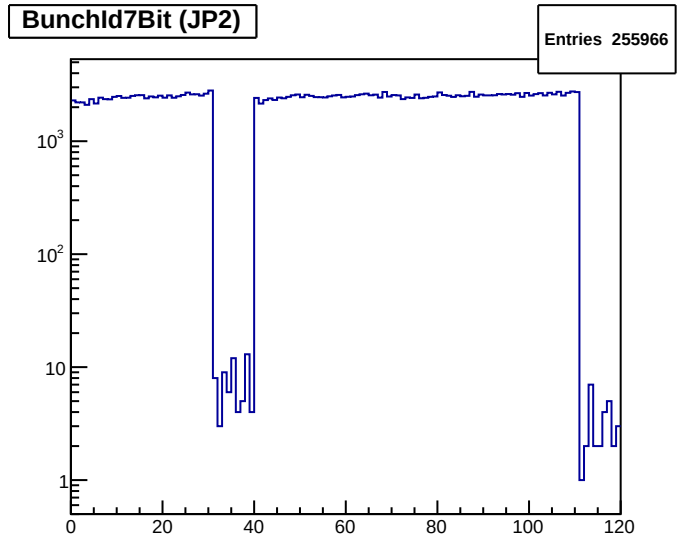

EM201E102JPId
Entries5873234
×10^3
JP partial Id

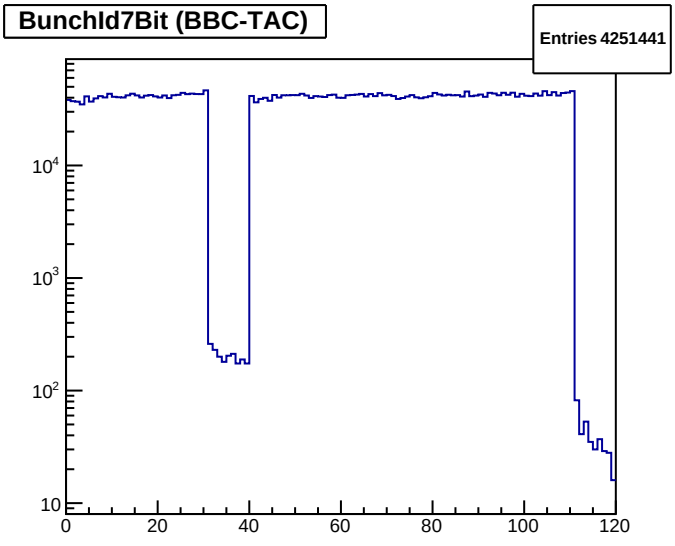

EM201E102JPId
Entries 0
simu
data

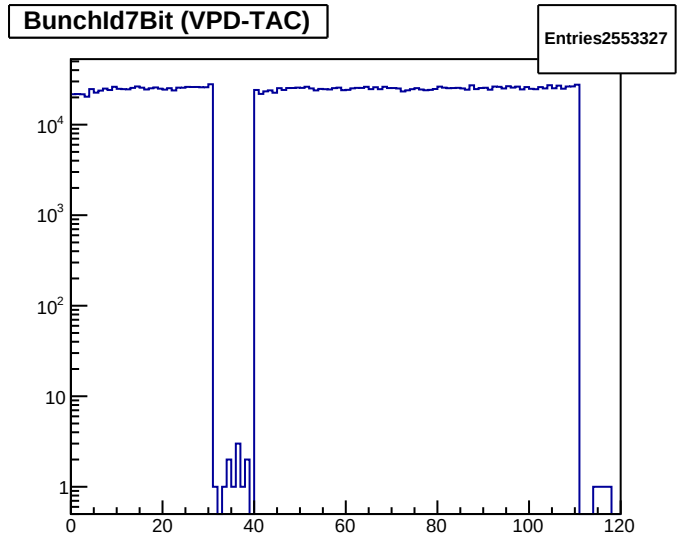

EM201E102Bits
Entries 2.936617e+07
151369
140824
154212
49847
22594
5.72186e+06
5.73241e+06
5.71902e+06
5.82339e+06
5.85064e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

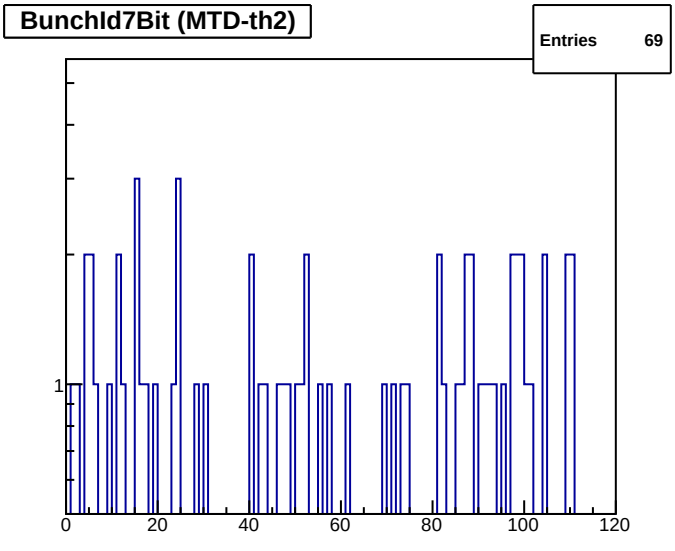

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

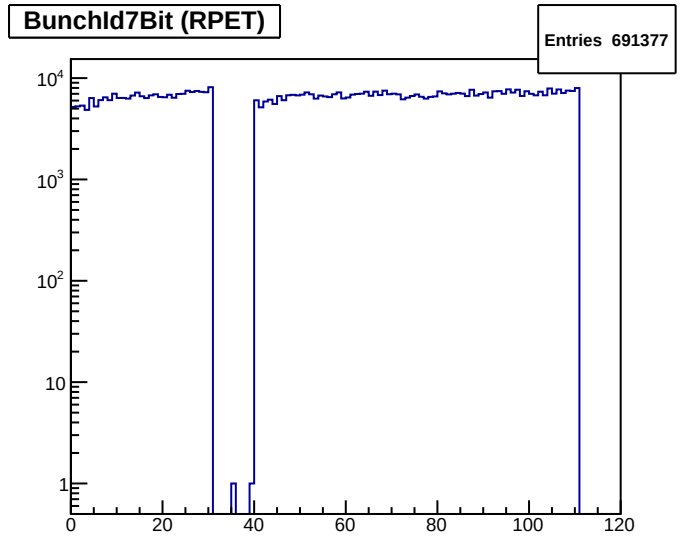

BunchId7Bit (BHT2)
Entries 161630

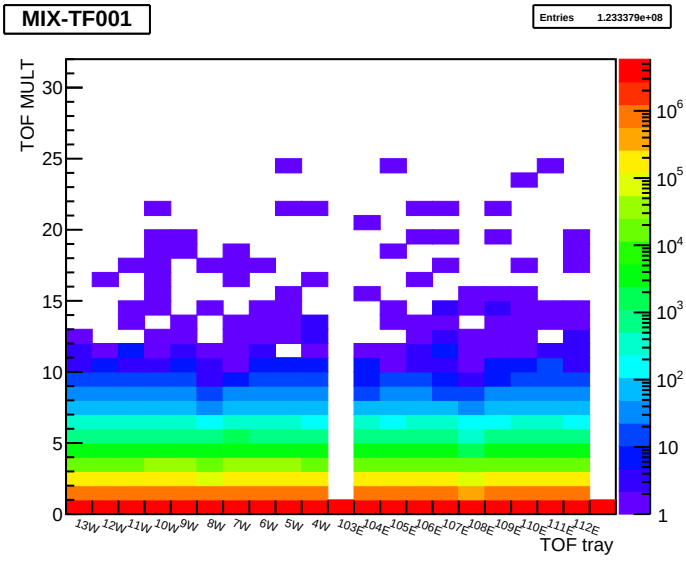

BunchId7Bit (JP2)
Entries 255966

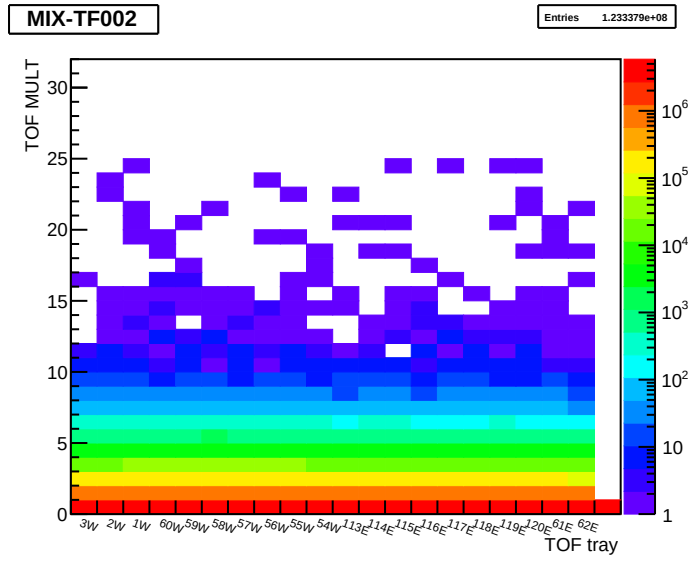

BunchId7Bit (BBC-TAC)
Entries 4251441

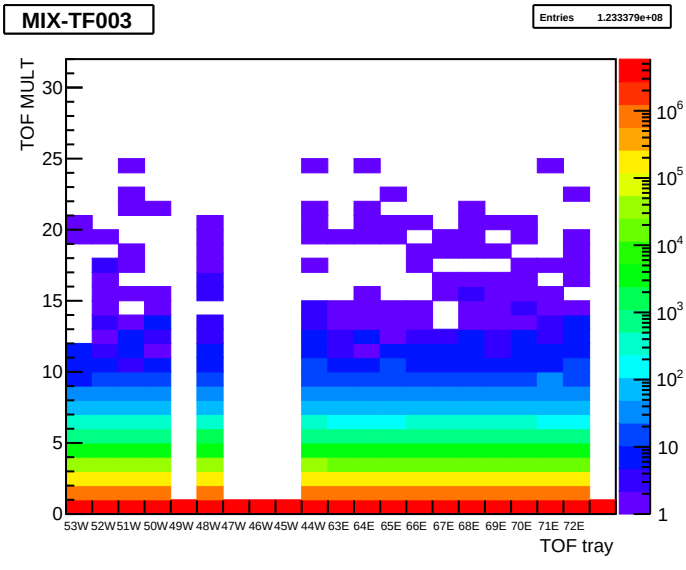

BunchId7Bit (VPD-TAC)
Entries2553327

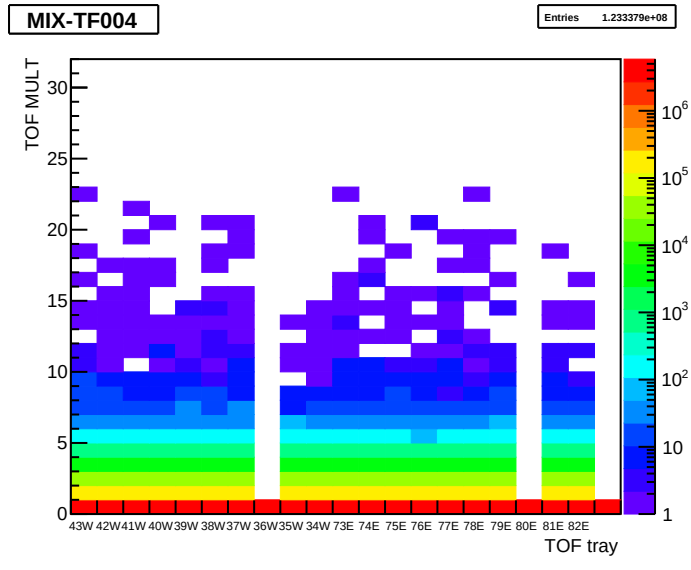

BunchId7Bit (MTD-th2)
Entries 69

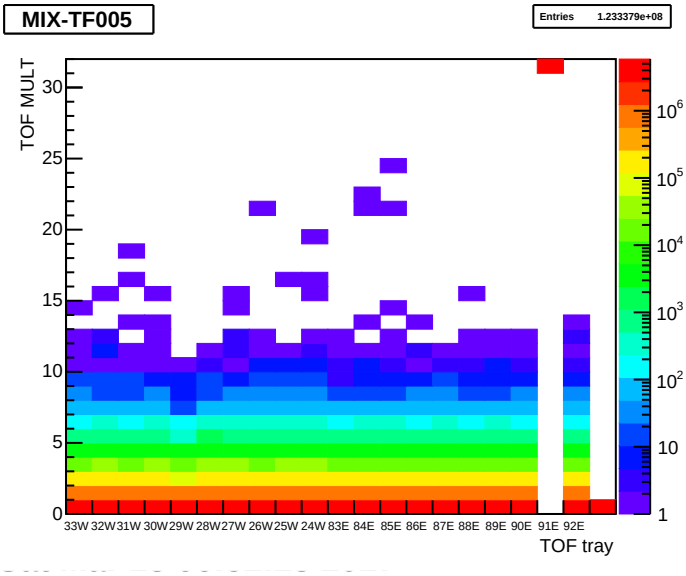

BunchId7Bit (RPET)
Entries 691377

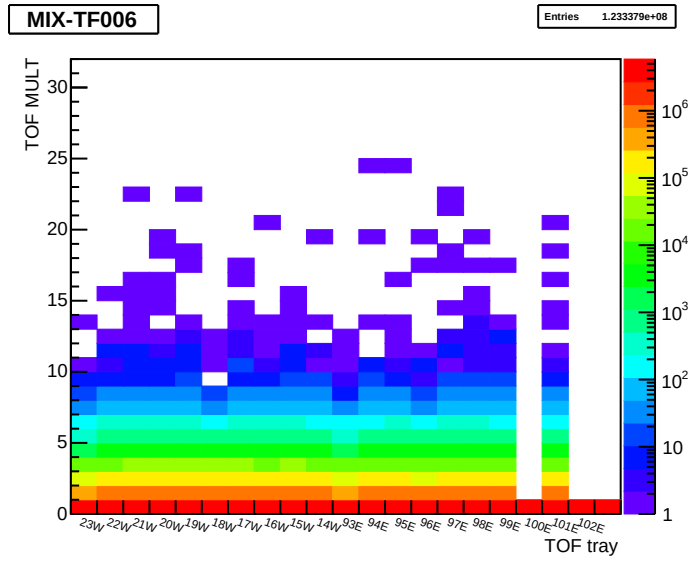

MIX-TF001
Entries 1.233379e+08
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

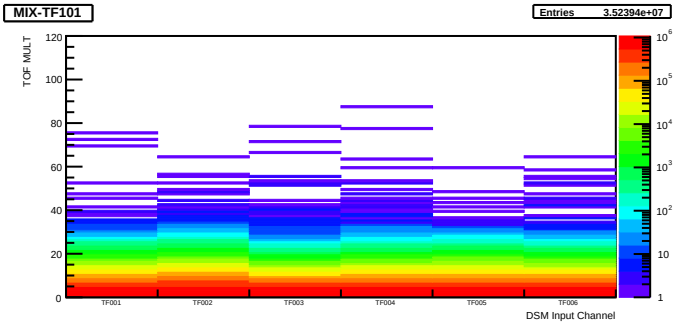

MIX-TF002
Entries 1.233379e+08
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

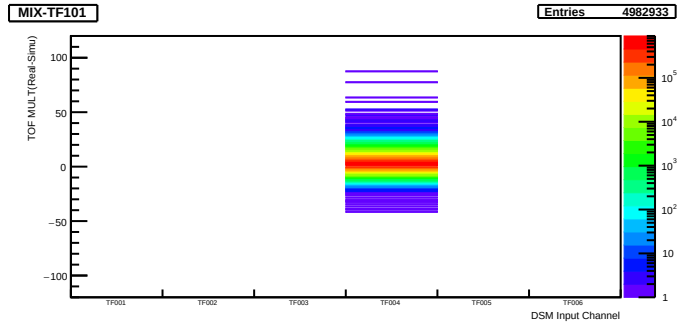

MIX-TF003
Entries 1.233379e+08
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

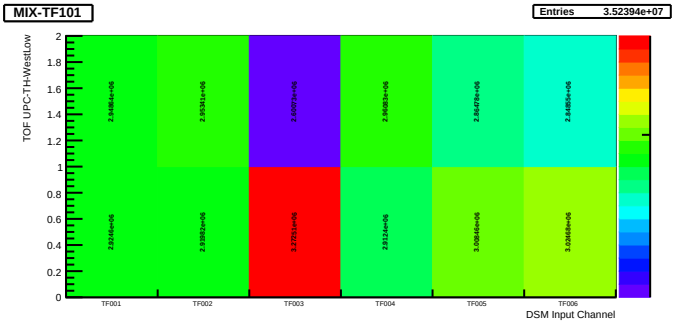

MIX-TF004
Entries 1.233379e+08
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

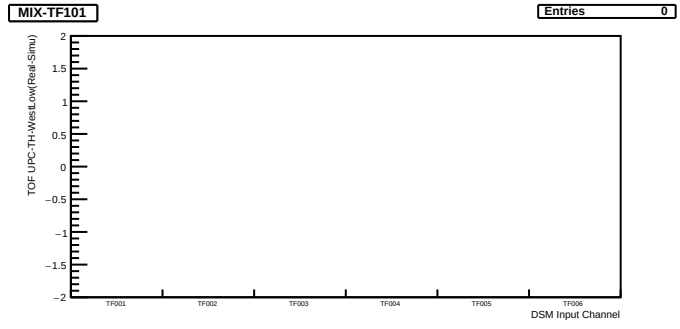

MIX-TF005
Entries 1.233379e+08
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

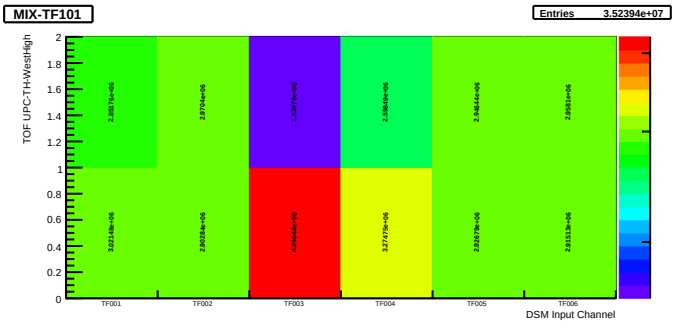

MIX-TF006
Entries 1.233379e+08
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

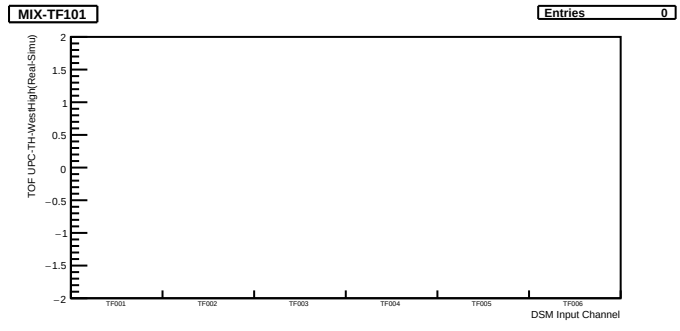

MIX-TF101
Entries 3.52394e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

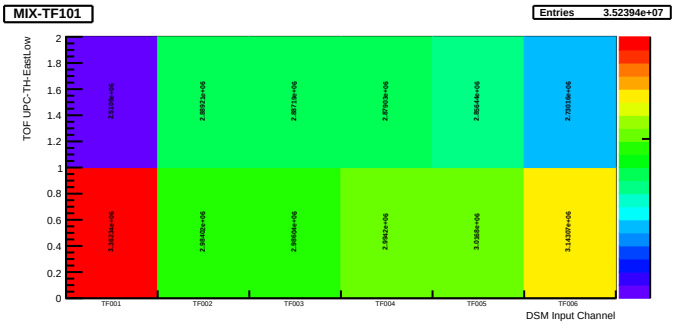

MIX-TF101
Entries 4982933
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

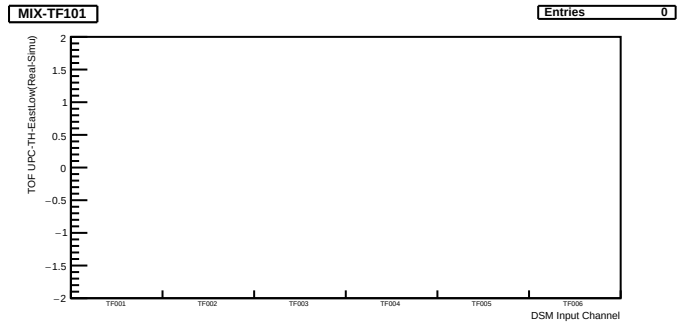

MIX-TF101
Entries 3.52394e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

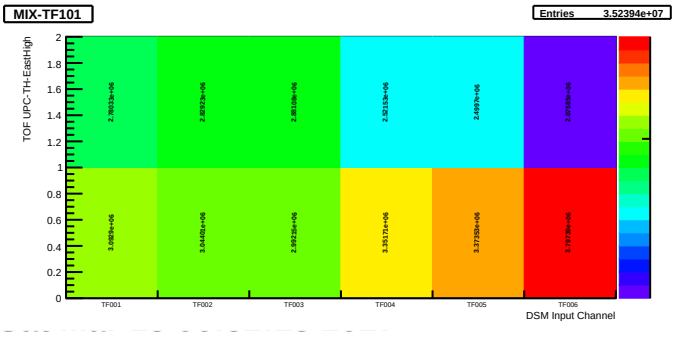

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

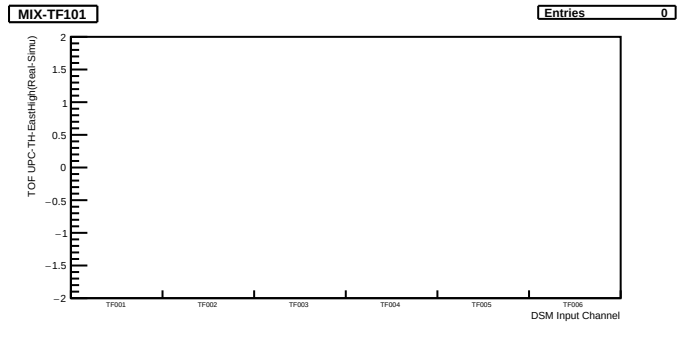

MIX-TF101
Entries 3.52394e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

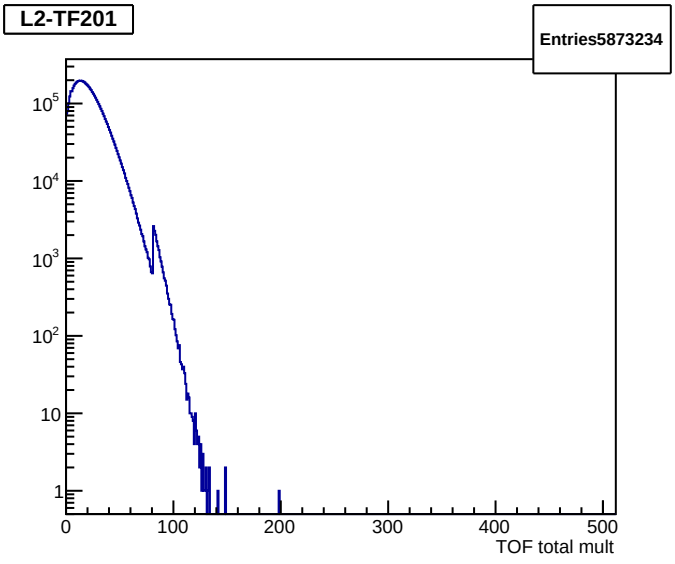

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

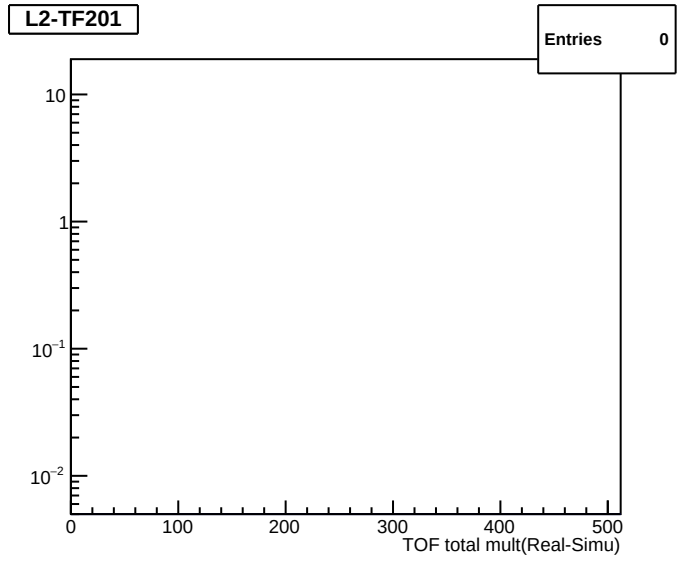

MIX-TF101
Entries 3.52394e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

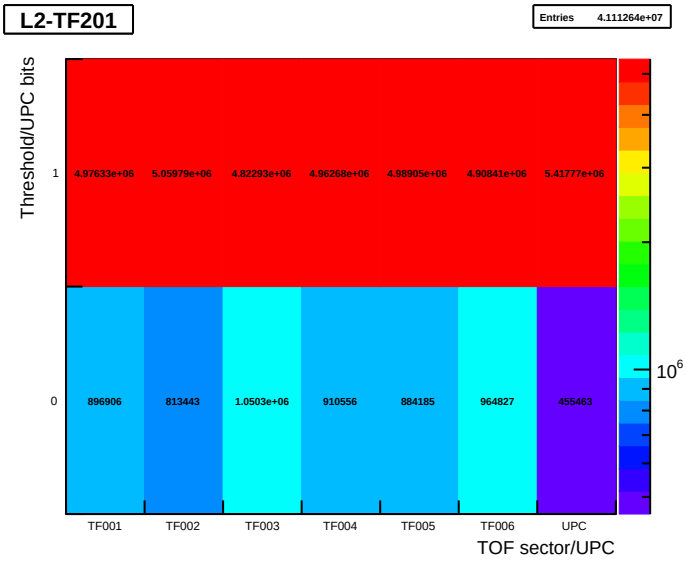

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

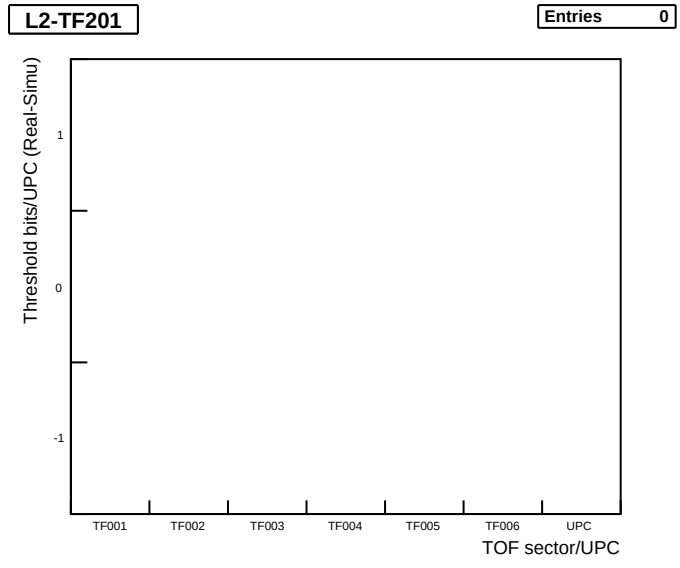

MIX-TF101
Entries 3.52394e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

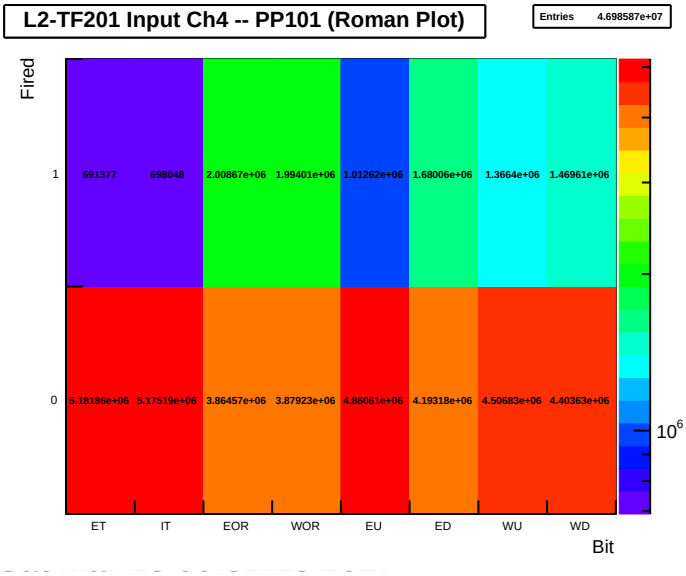

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

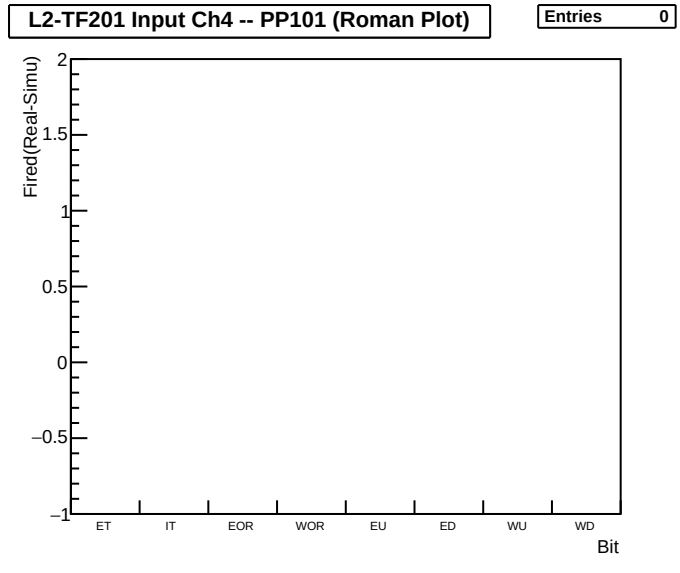

L2-TF201
Entries5873234
TOF total mult

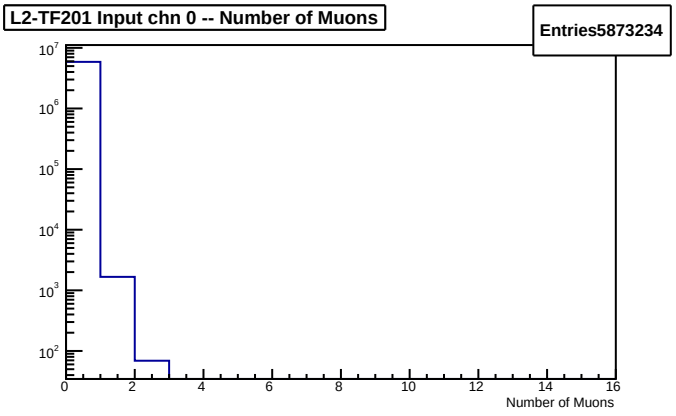

L2-TF201
Entries 0
TOF total mult(Real-Simu)

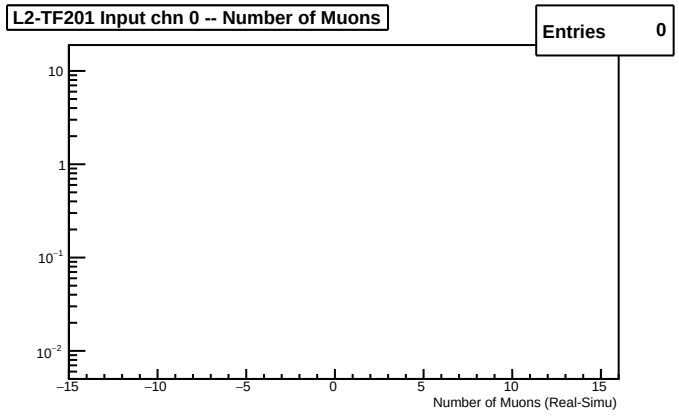

L2-TF201
Entries 4.111264e+07
Threshold/UPC bits
4.97633e+06
5.05979e+06
4.82293e+06
4.96268e+06
4.98905e+06
4.90841e+06
5.41777e+06
896906
813443
1.0503e+06
910556
884185
964827
455463
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

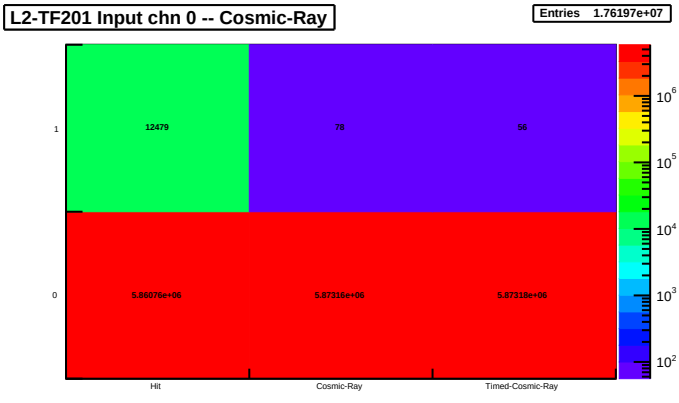

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

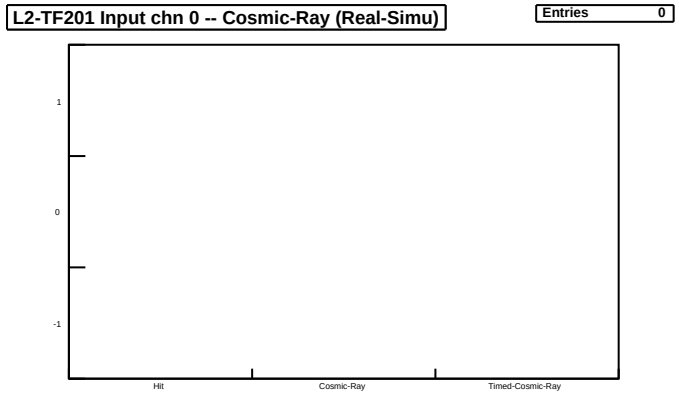

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 4.698587e+07
Fired
691377
698048
2.00867e+06
1.99401e+06
1.01262e+06
1.68006e+06
1.3664e+06
1.46961e+06
5.18186e+06
5.17519e+06
3.86457e+06
3.87923e+06
4.86061e+06
4.19318e+06
4.50683e+06
4.40363e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

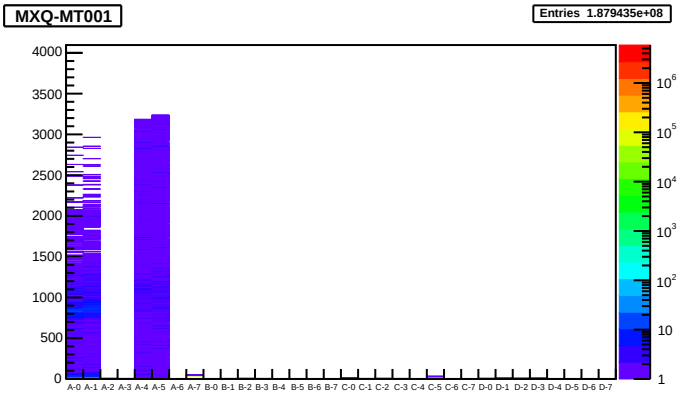

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

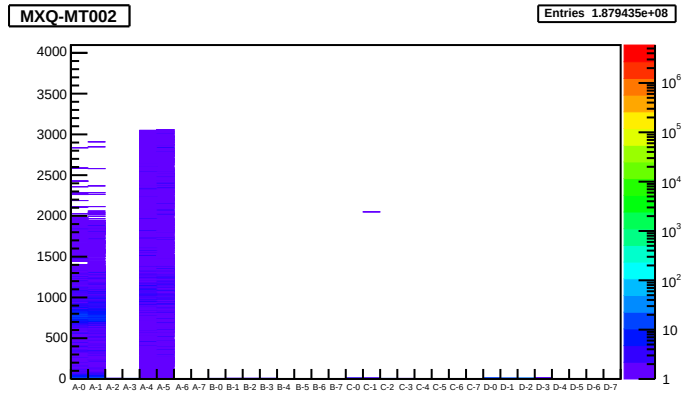

L2-TF201 Input chn 0 -- Number of Muons
Entries5873234
Number of Muons

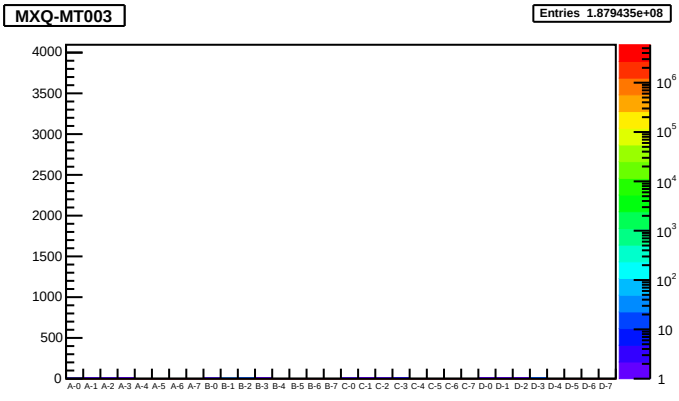

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)


L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.76197e+07
12479
78
56
5.86076e+06
5.87316e+06
5.87318e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray


L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray


MXQ-MT001
Entries 1.879435e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT002
Entries 1.879435e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT003
Entries 1.879435e+08
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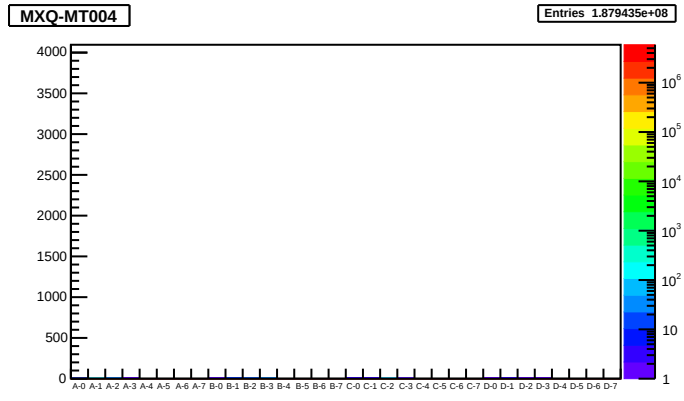
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT004
Entries 1.879435e+08
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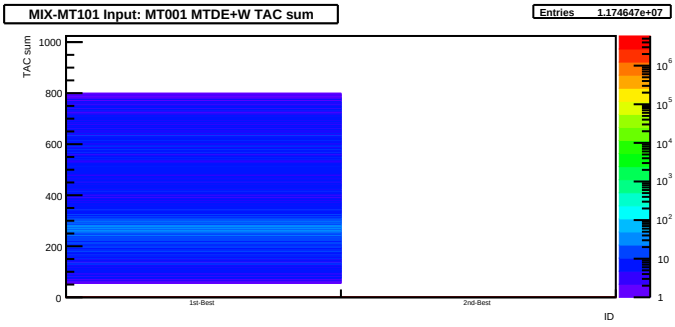
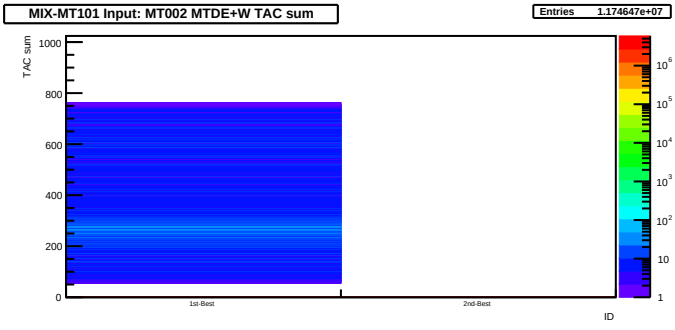
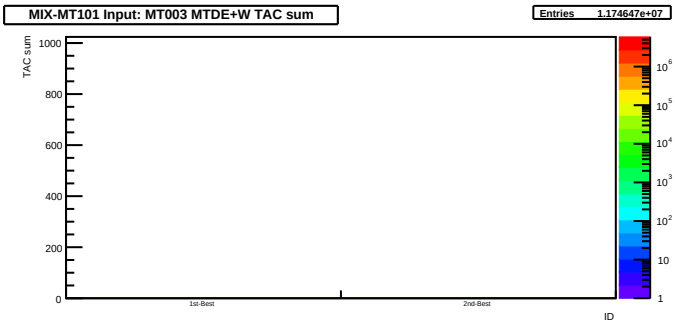
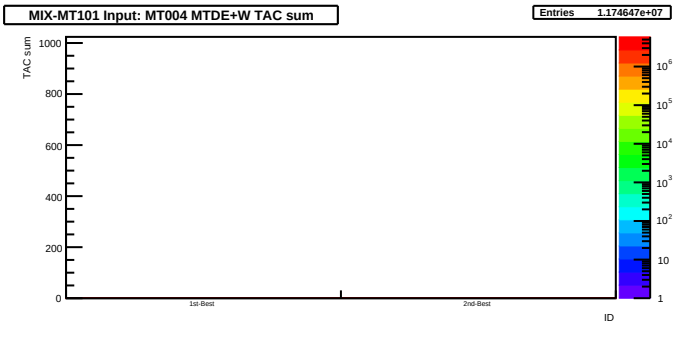
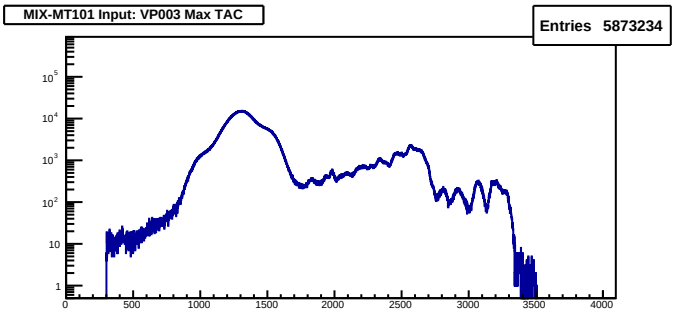
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

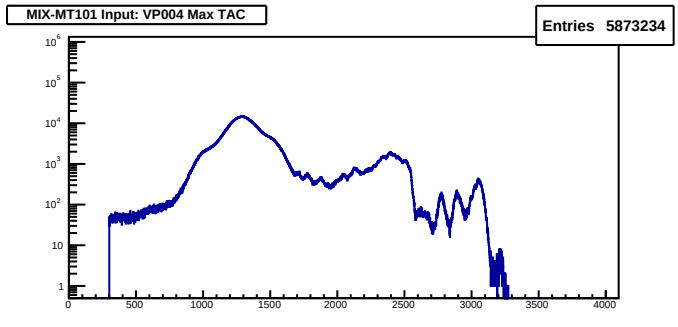

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.174647e+07
TAC sum
1st-Best
2nd-Best
ID

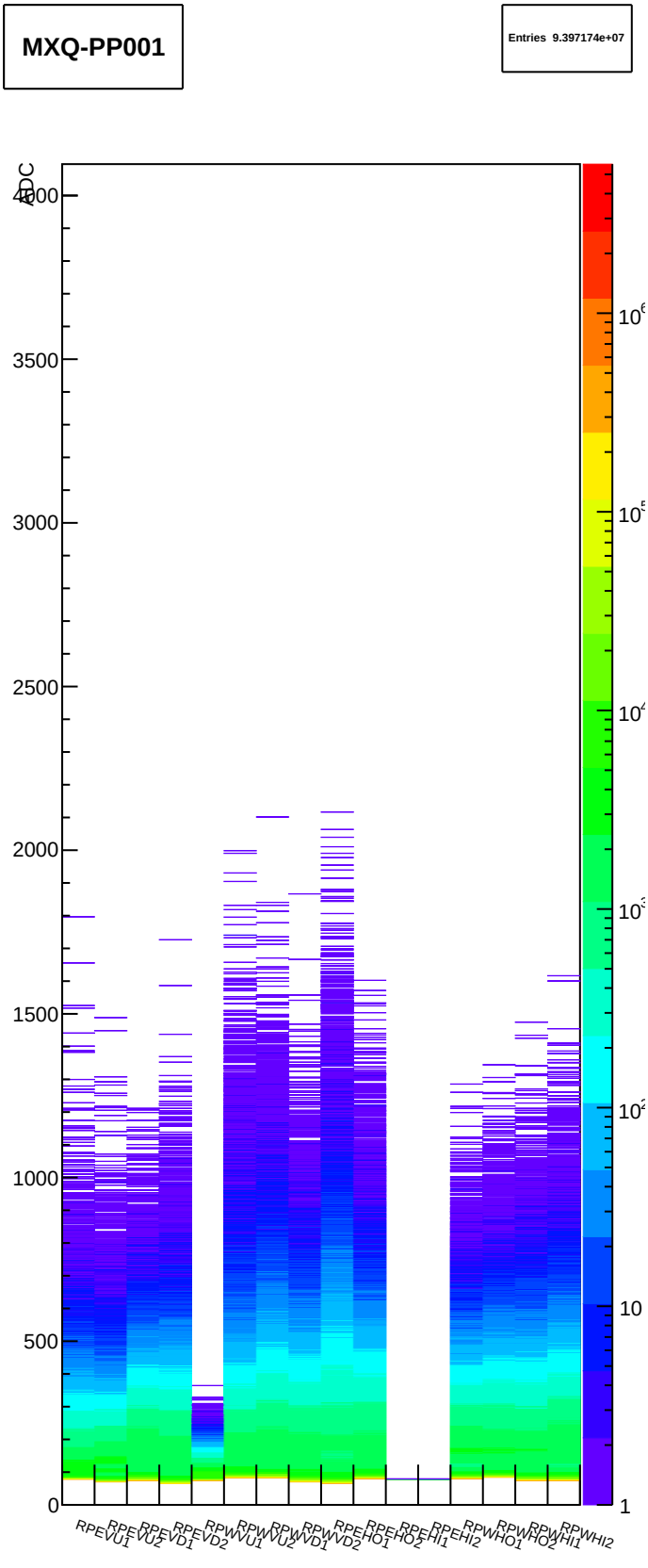

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.174647e+07
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.174647e+07
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.174647e+07
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: VP003 Max TAC
Entries 5873234


MIX-MT101 Input: VP004 Max TAC
Entries 5873234


MXQ-PP001
Entries 9.397174e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
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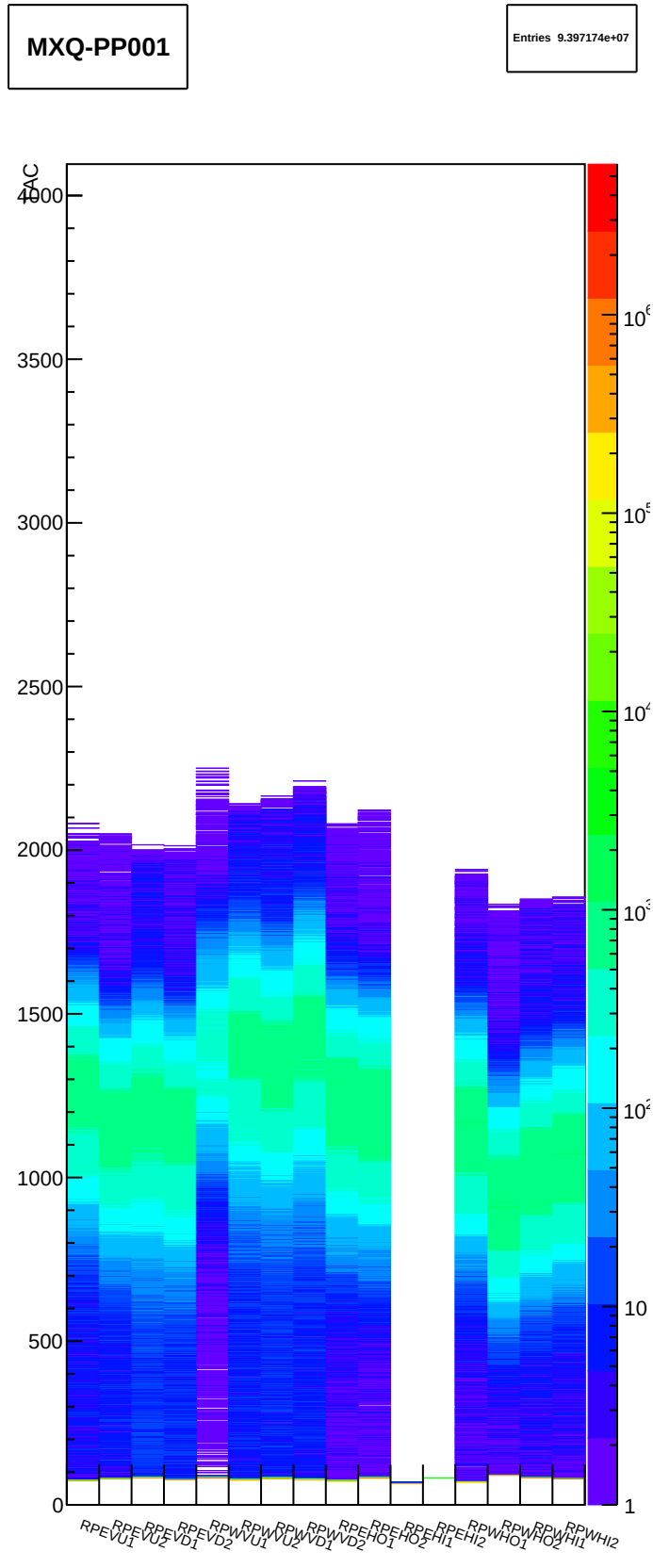
10^5
10^4
10^3
10^2
10
1


MXQ-PP001
Entries 9.397174e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
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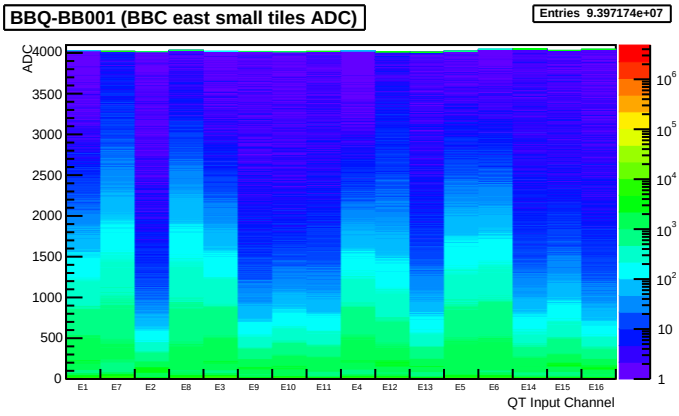
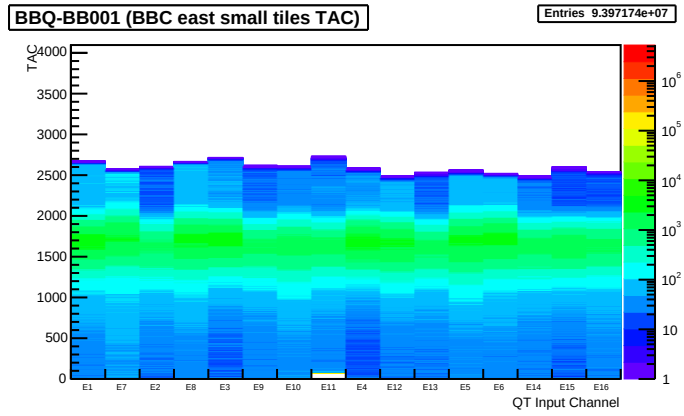
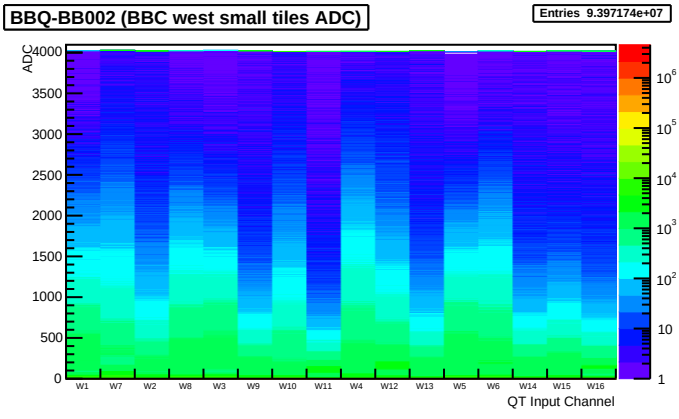
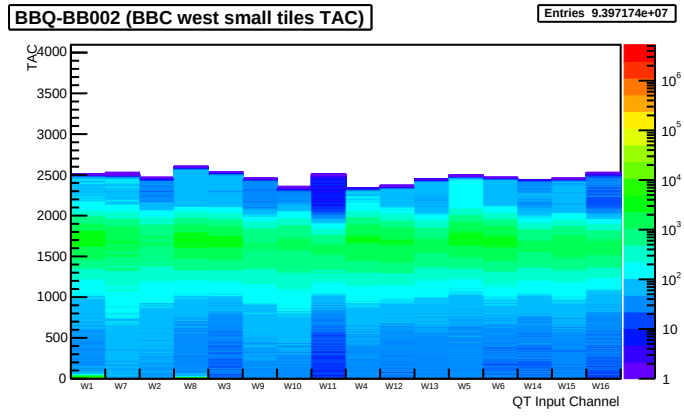
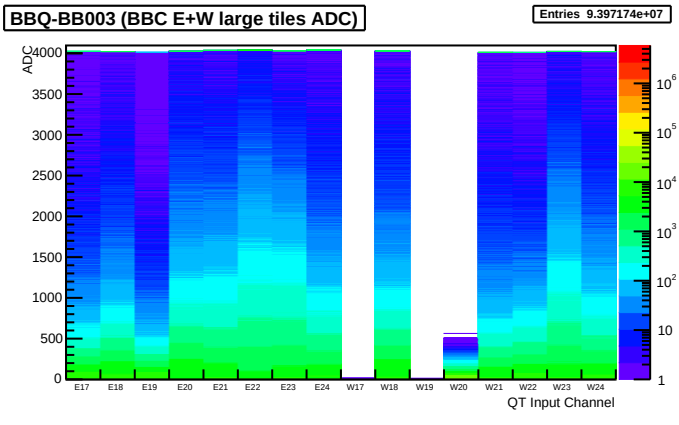
10^3
10^2
10
1

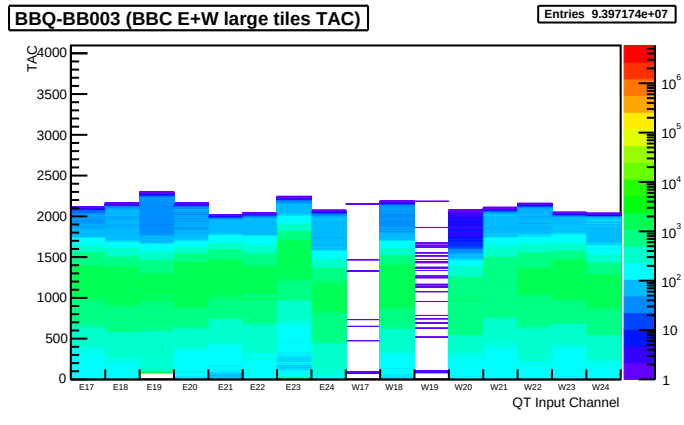

BBQ-BB001 (BBC east small tiles ADC)
Entries 9.397174e+07
ADC
QT Input Channel

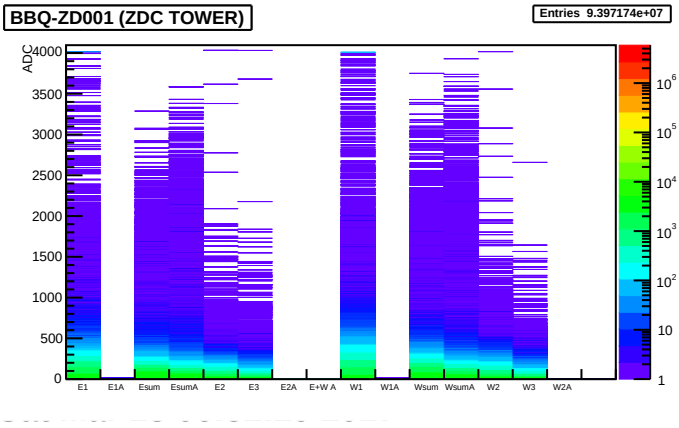

BBQ-BB001 (BBC east small tiles TAC)
Entries 9.397174e+07
TAC
QT Input Channel

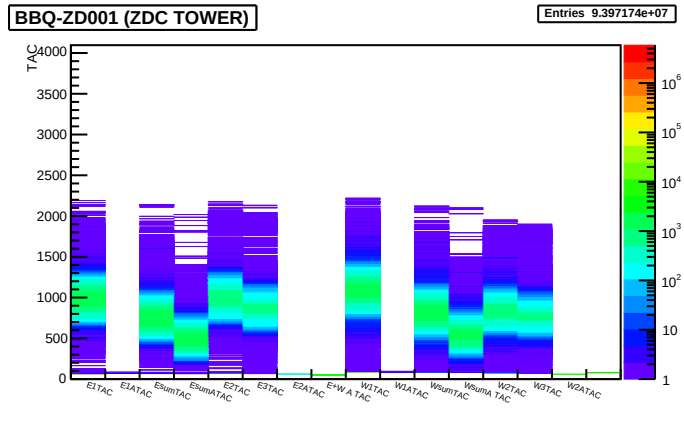

BBQ-BB002 (BBC west small tiles ADC)
Entries 9.397174e+07
ADC
QT Input Channel

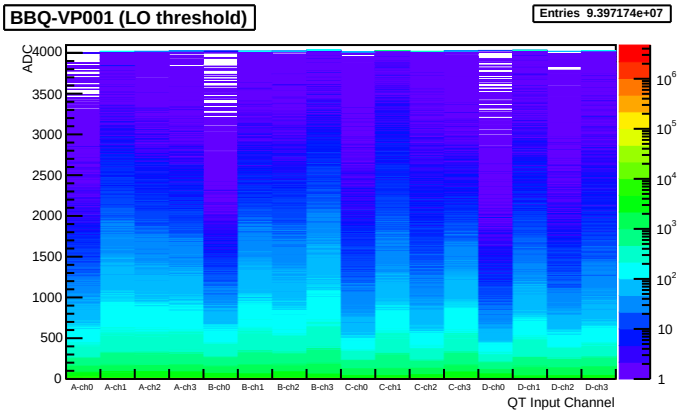

BBQ-BB002 (BBC west small tiles TAC)
Entries 9.397174e+07
TAC
QT Input Channel

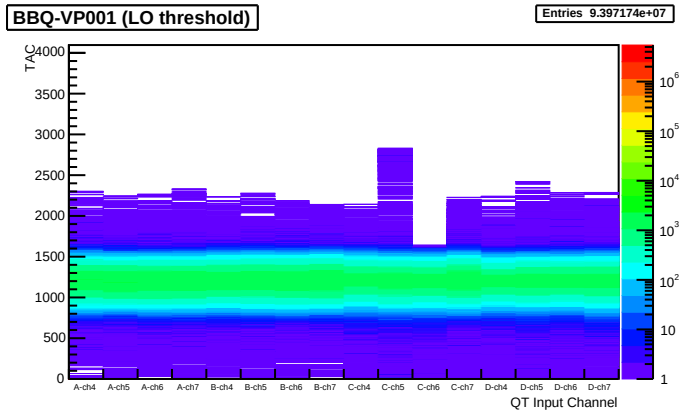

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 9.397174e+07
ADC
QT Input Channel

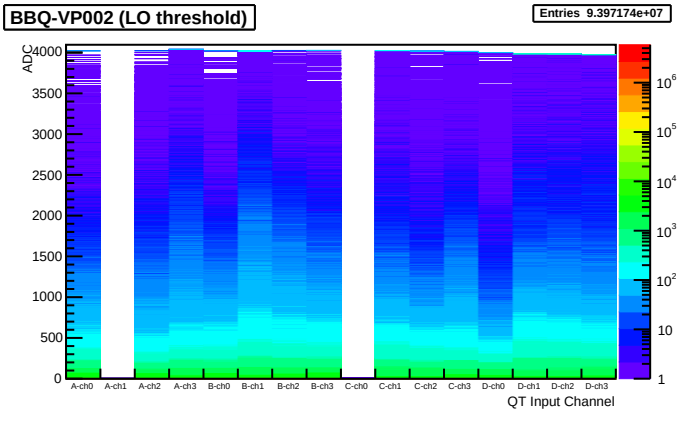

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 9.397174e+07
TAC
QT Input Channel

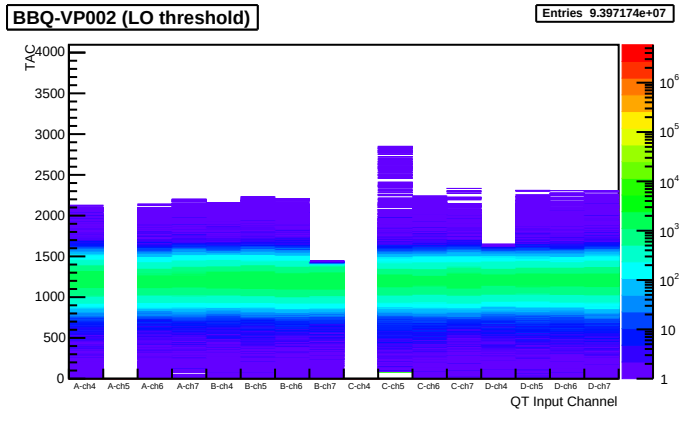

BBQ-ZD001 (ZDC TOWER)
Entries 9.397174e+07
ADC

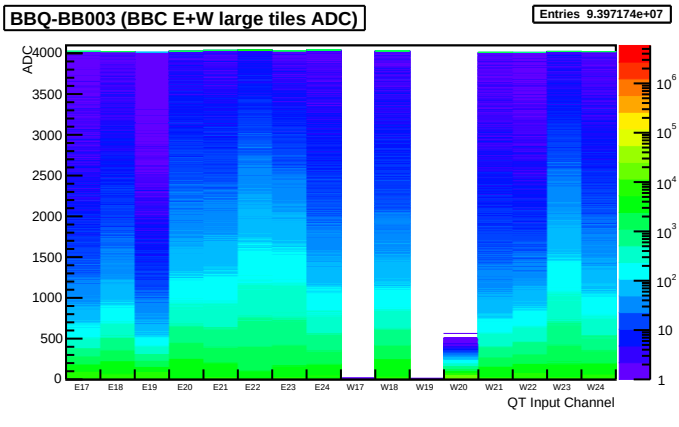

BBQ-ZD001 (ZDC TOWER)
Entries 9.397174e+07
TAC

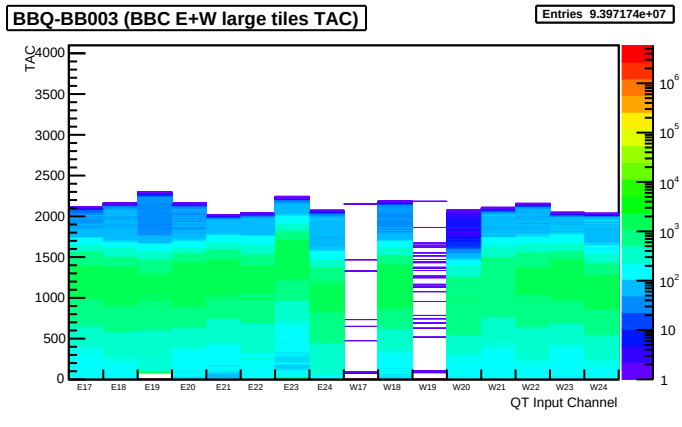

BBQ-VP001 (LO threshold)
Entries 9.397174e+07
ADC
QT Input Channel

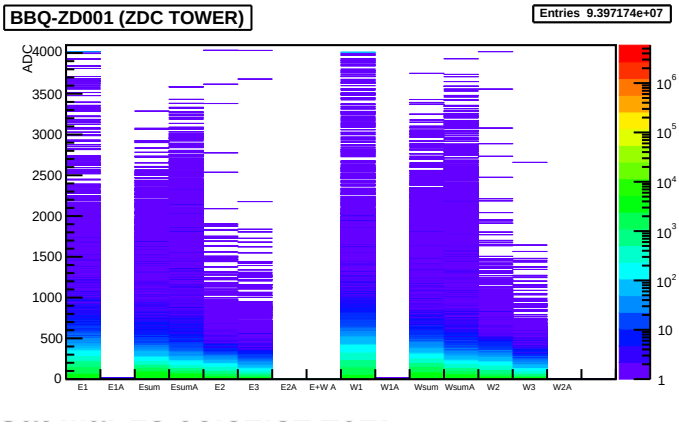

BBQ-VP001 (LO threshold)
Entries 9.397174e+07
TAC
QT Input Channel

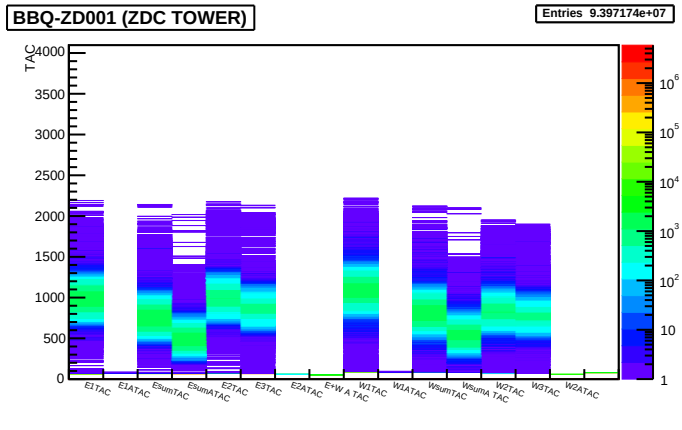

BBQ-VP002 (LO threshold)
Entries 9.397174e+07
ADC
QT Input Channel

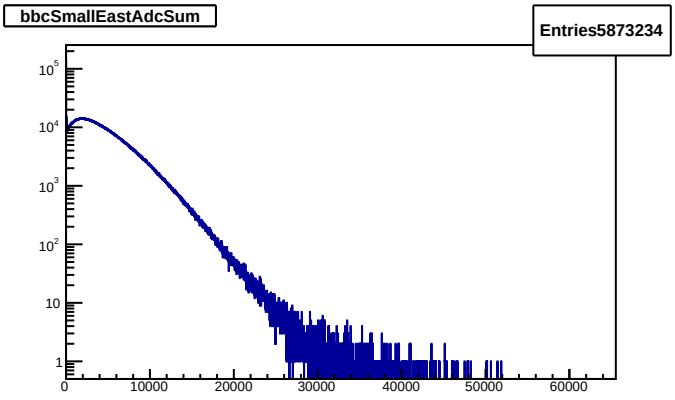

BBQ-VP002 (LO threshold)
Entries 9.397174e+07
TAC
QT Input Channel

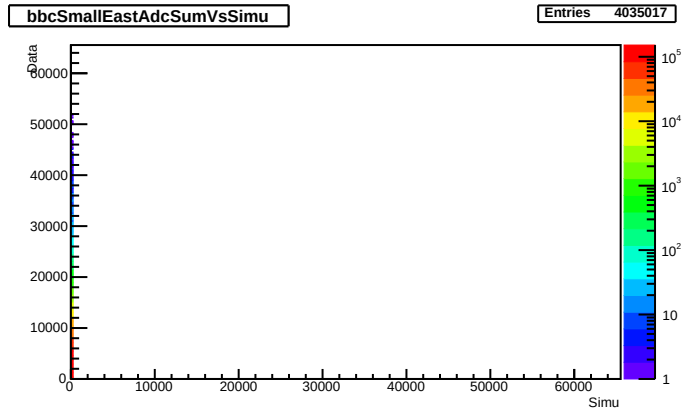

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 9.397174e+07
ADC
QT Input Channel

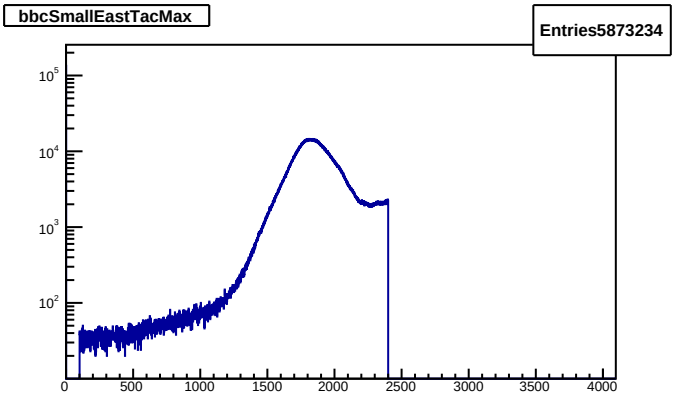

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 9.397174e+07
TAC
QT Input Channel

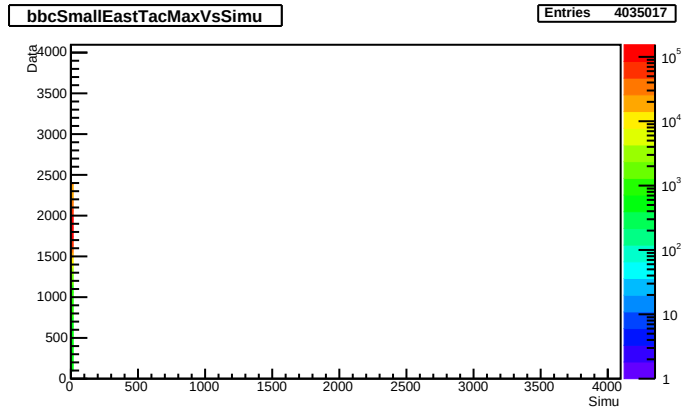

BBQ-ZD001 (ZDC TOWER)
Entries 9.397174e+07
ADC

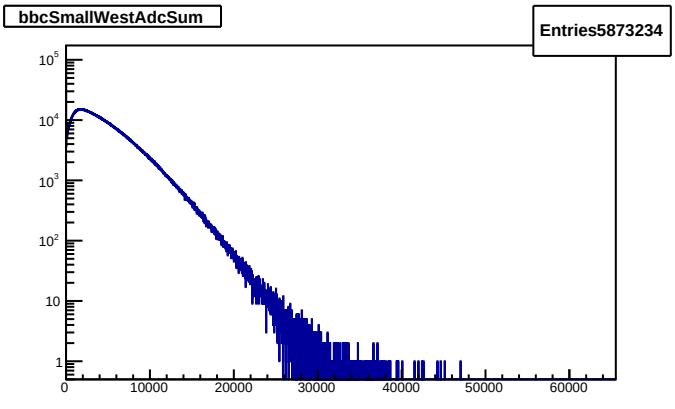

BBQ-ZD001 (ZDC TOWER)
Entries 9.397174e+07
TAC


bbcSmallEastAdcSum
Entries5873234


bbcSmallEastAdcSumVsSimu
Entries 4035017
Data
Simu


bbcSmallEastTacMax
Entries5873234


bbcSmallEastTacMaxVsSimu
Entries 4035017
Data
Simu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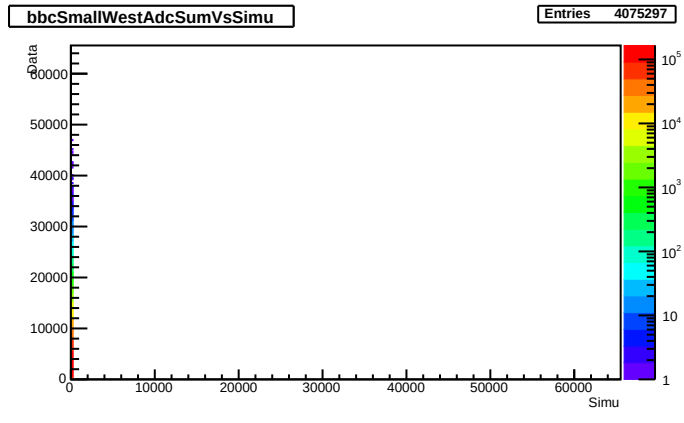
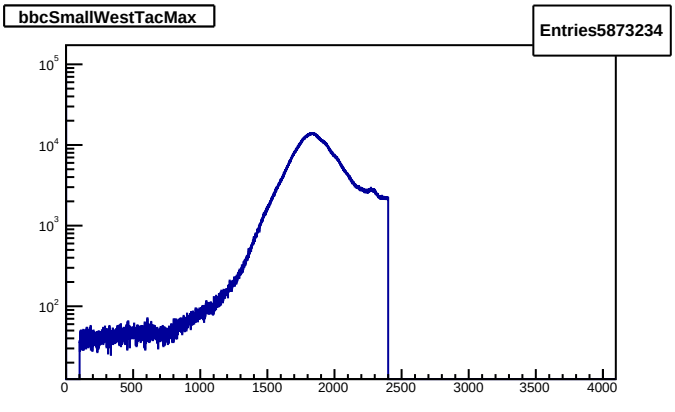
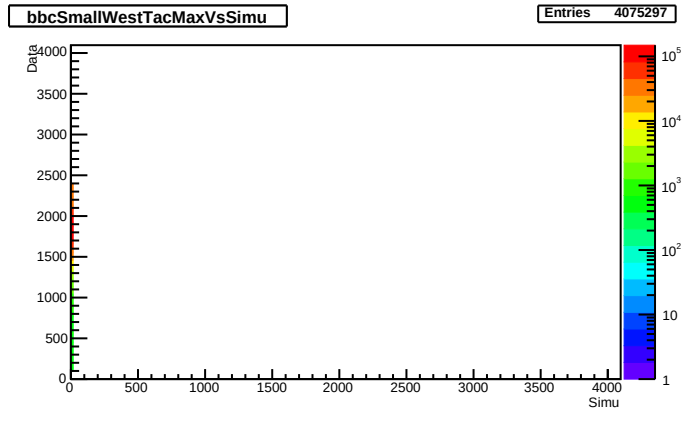
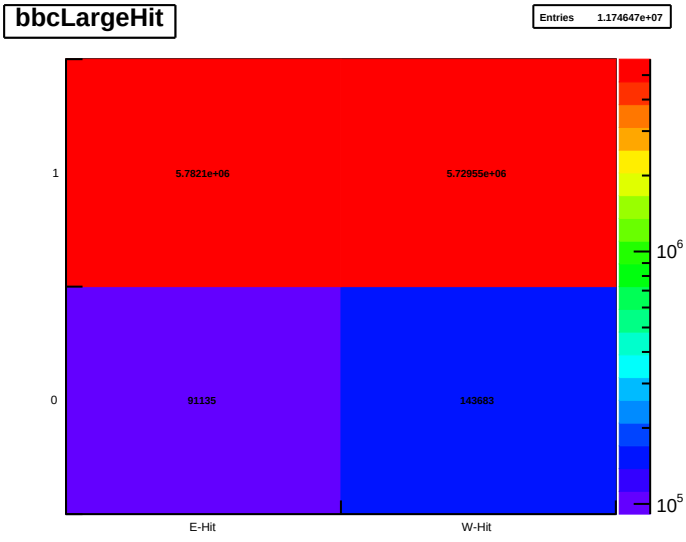
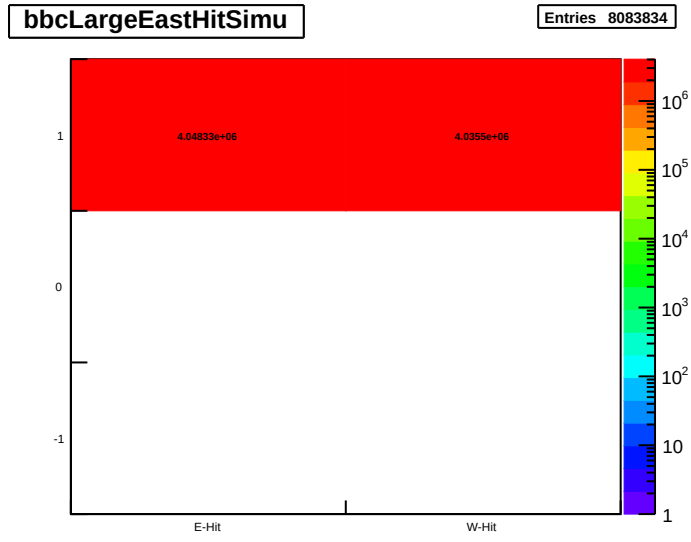
Entries5873234


bbcSmallWestAdcSumVsSimu
Entries 4075297
Data
Simu


bbcSmallWestTacMax
Entries5873234


bbcSmallWestTacMaxVsSimu
Entries 4075297
Data
Simu


bbcLargeHit
Entries 1.174647e+07
1
0
5.7821e+06
5.72955e+06
91135
143683
E-Hit
W-Hit
10^6
10^5


bbcLargeEastHitSimu
Entries 8083834
1
0
-1
4.04833e+06
4.0355e+06
E-Hit
W-Hit
10^6
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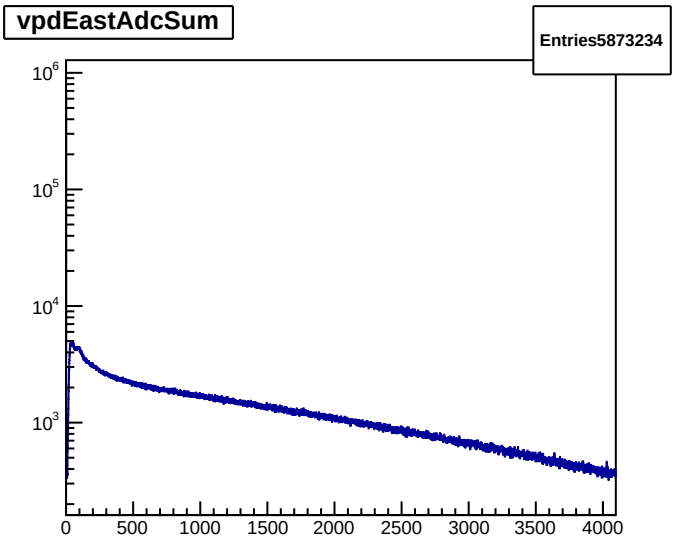
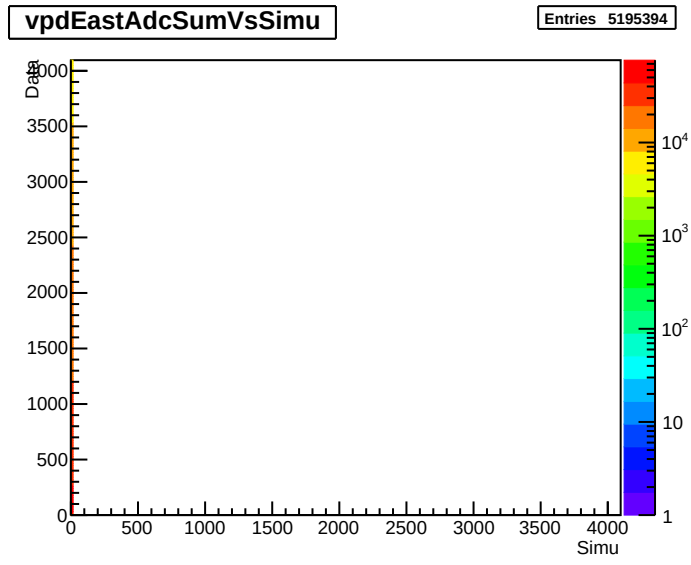
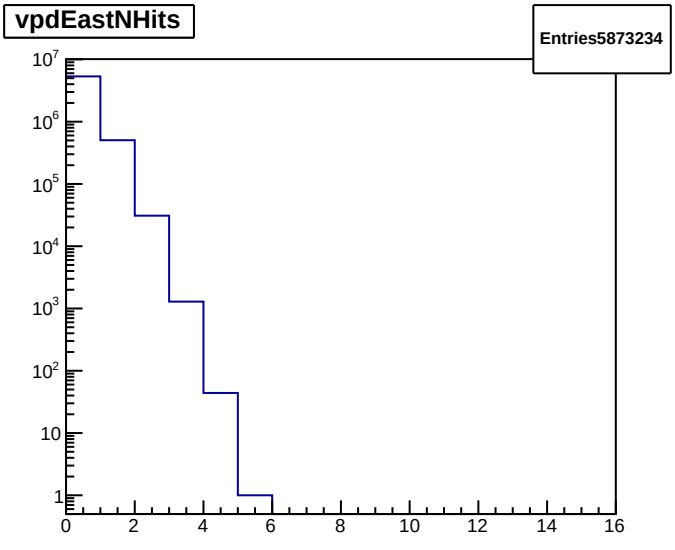
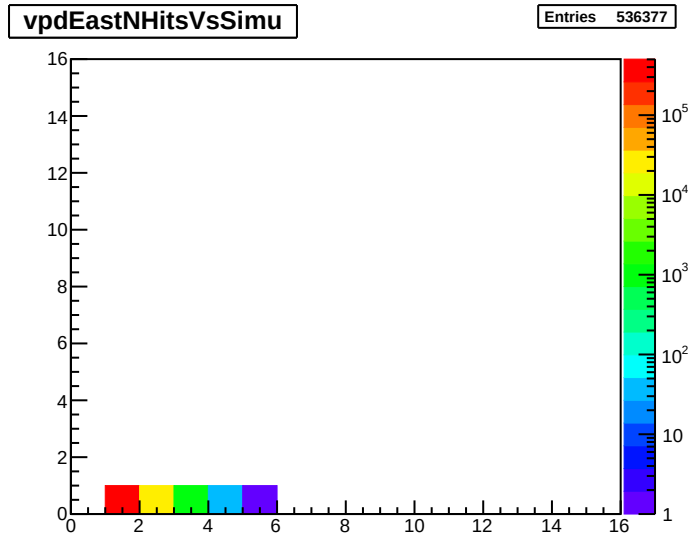
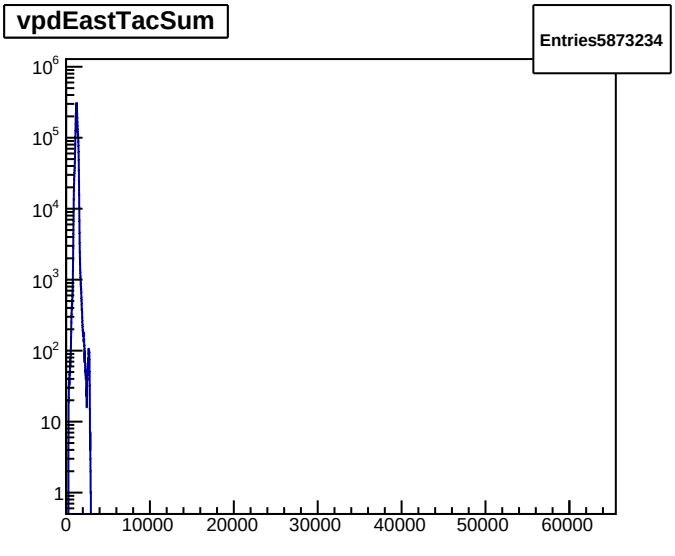
10^3
10^2
10
1

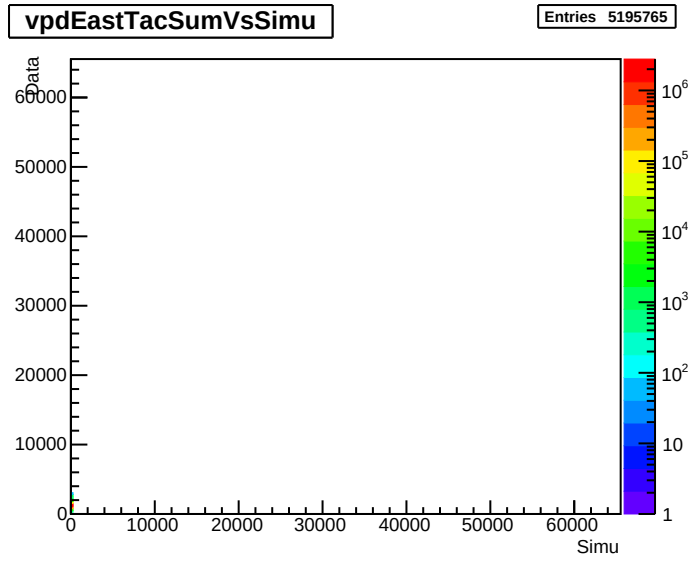

vpdEastAdcSum
Entries5873234

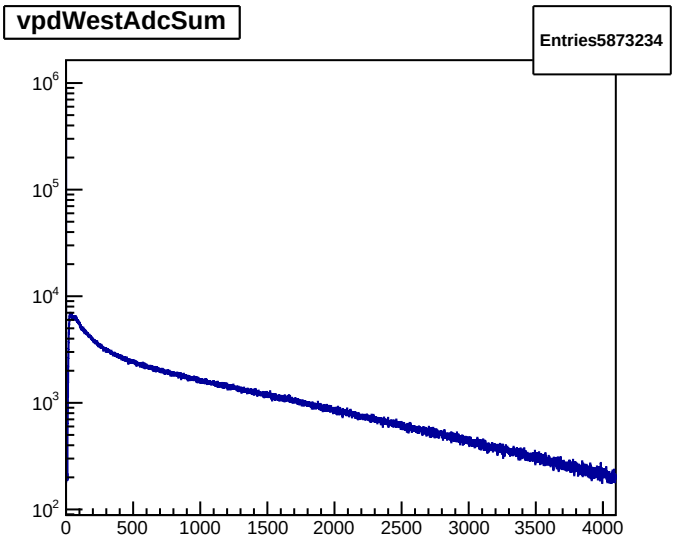

vpdEastAdcSumVsSimu
Entries 5195394
Data
Simu

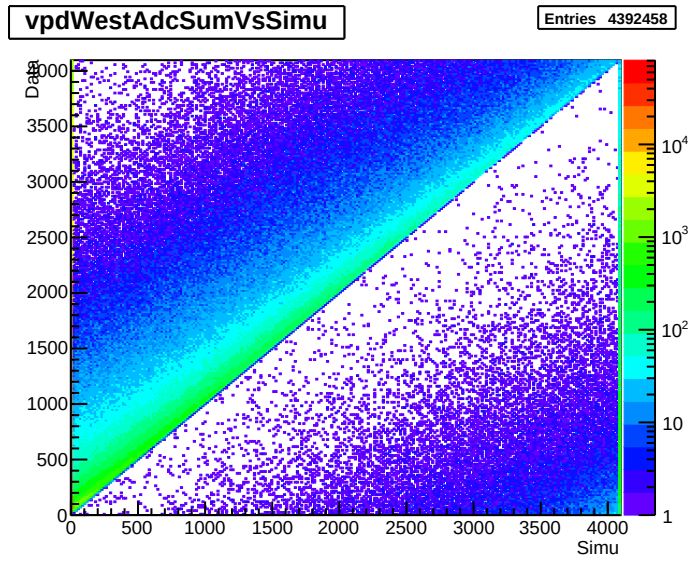

vpdEastNHits
Entries5873234

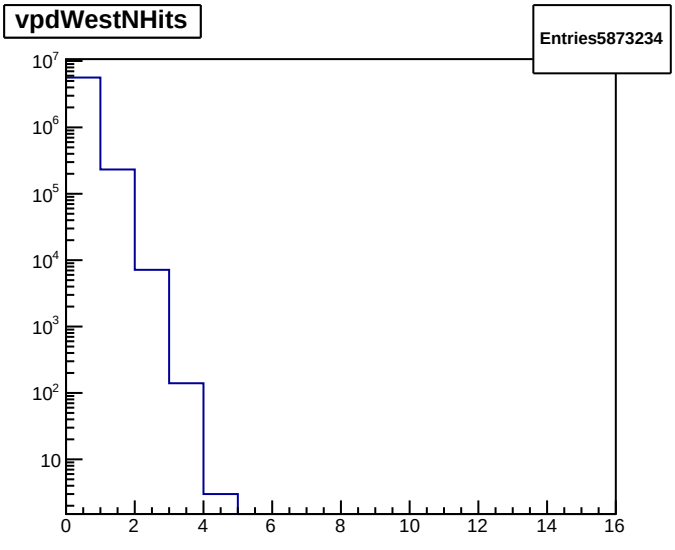

vpdEastNHitsVsSimu
Entries 536377

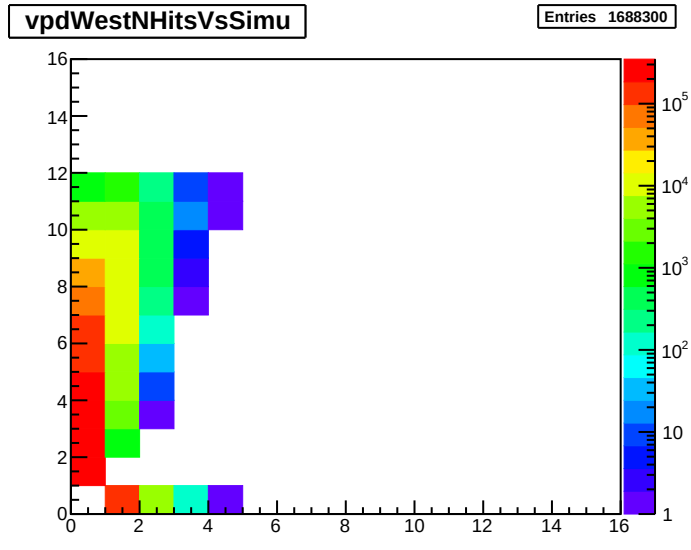

vpdEastTacSum
Entries5873234

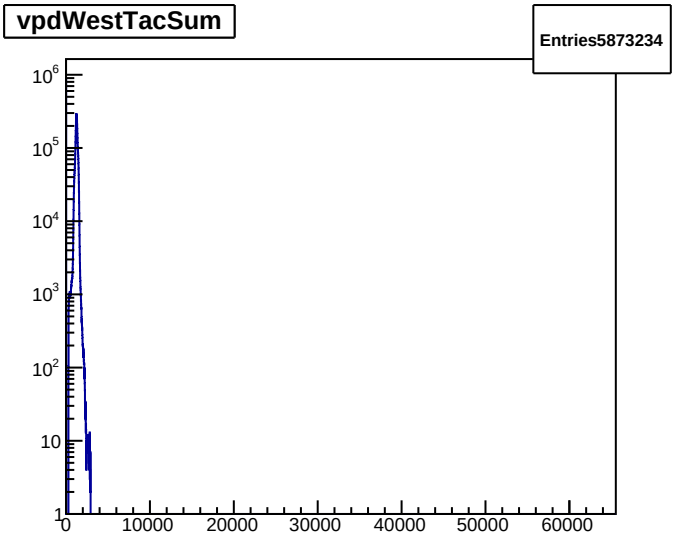

vpdEastTacSumVsSimu
Entries 5195765
Data
Simu

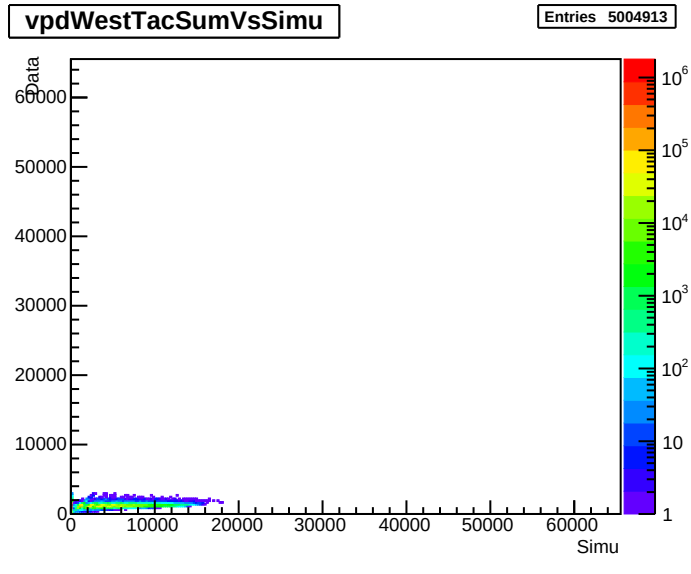

vpdWestAdcSum
Entries5873234

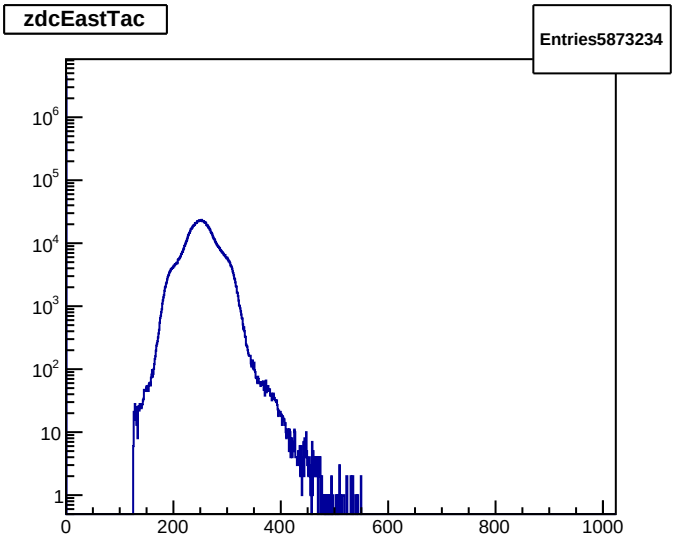

vpdWestAdcSumVsSimu
Entries 4392458
Data
Simu

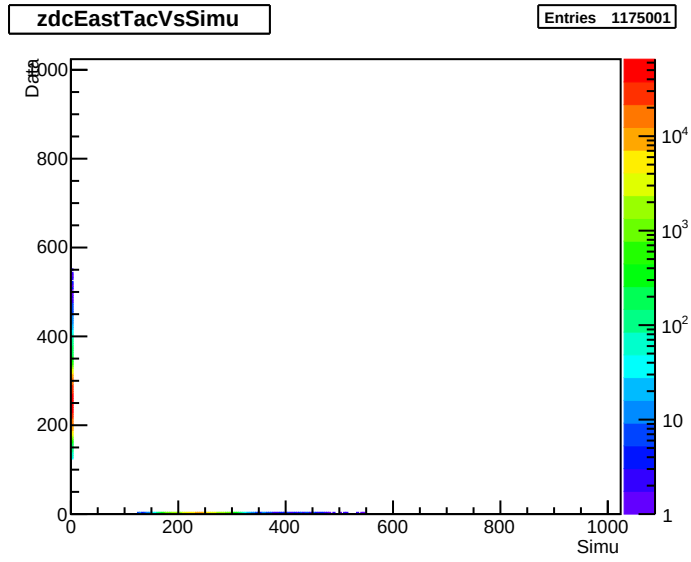

vpdWestNHits
Entries5873234

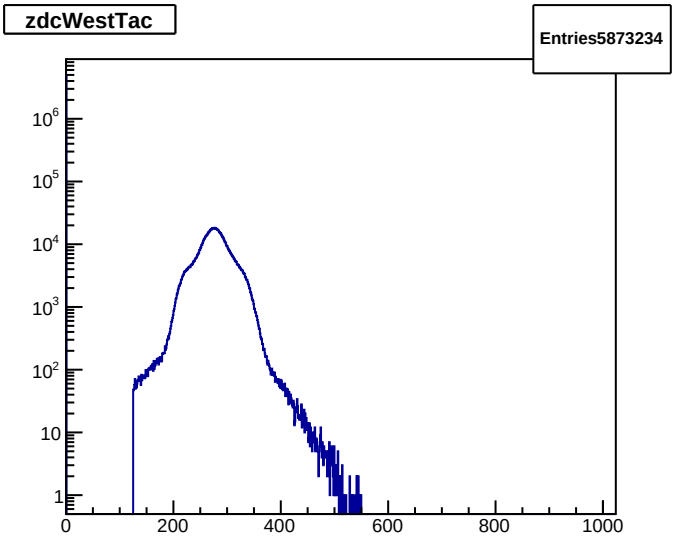

vpdWestNHitsVsSimu
Entries 1688300

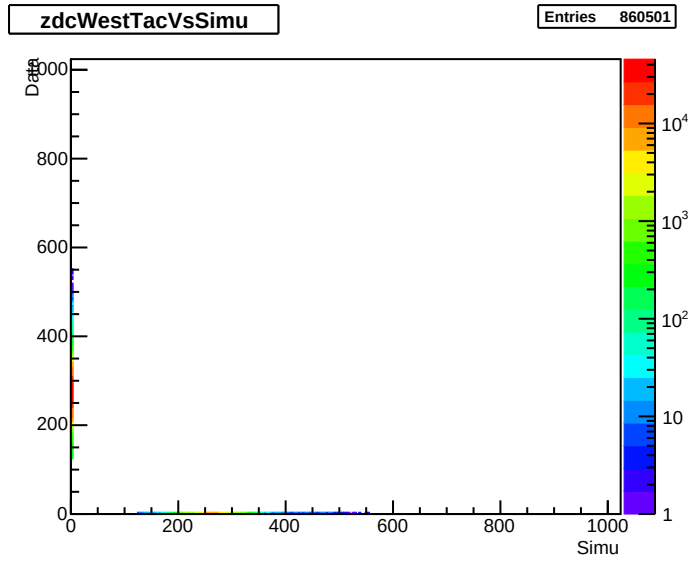

vpdWestTacSum
Entries5873234

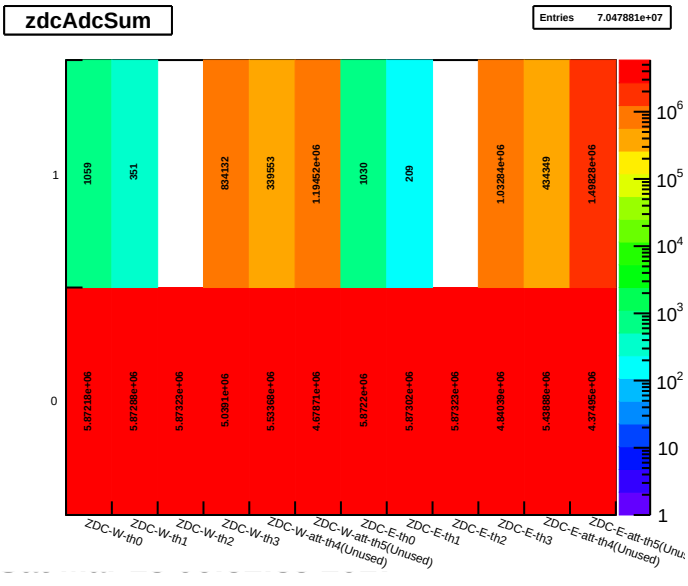

vpdWestTacSumVsSimu
Entries 5004913
Data
Simu

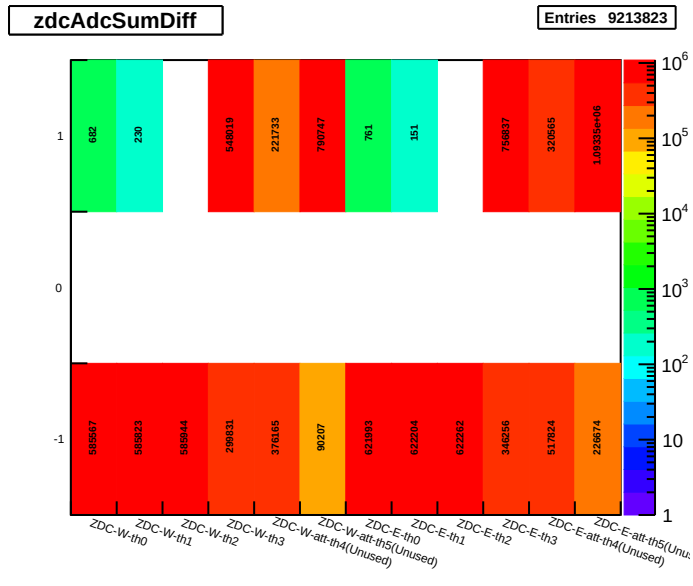

zdcEastTac
Entries5873234

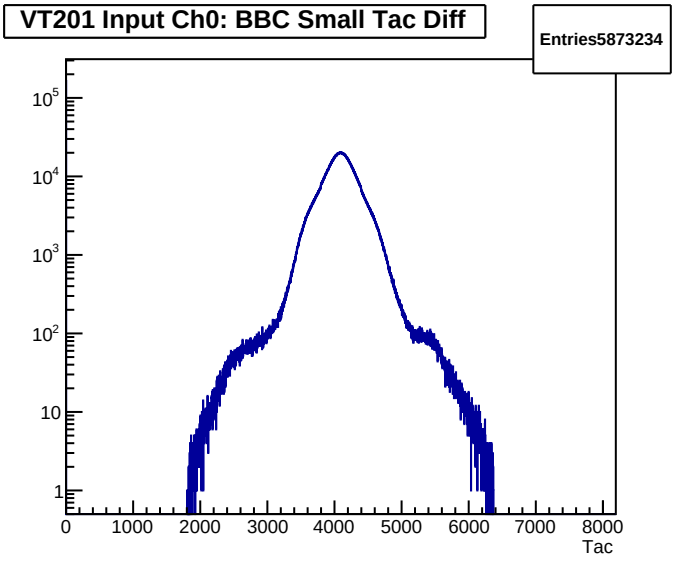

zdcEastTacVsSimu
Entries 1175001
Data
Simu

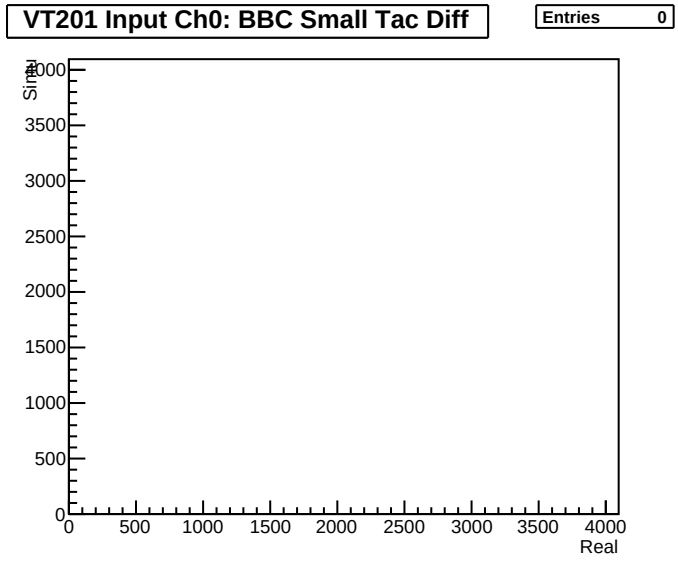

zdcWestTac
Entries5873234

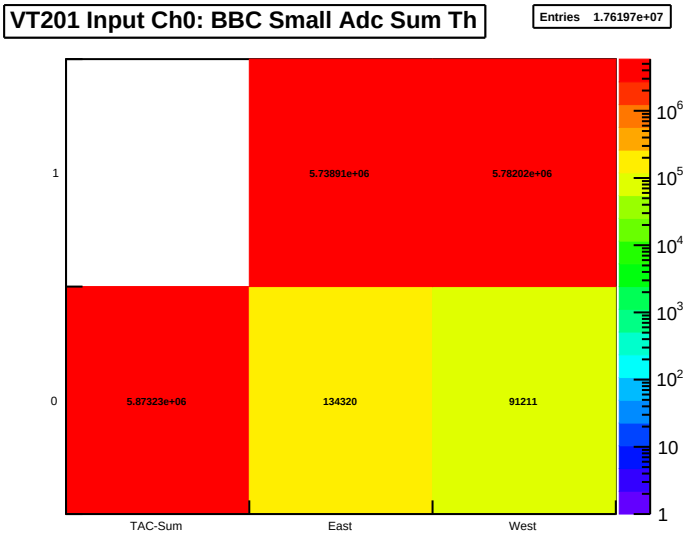

zdcWestTacVsSimu
Entries 860501
Data
Simu

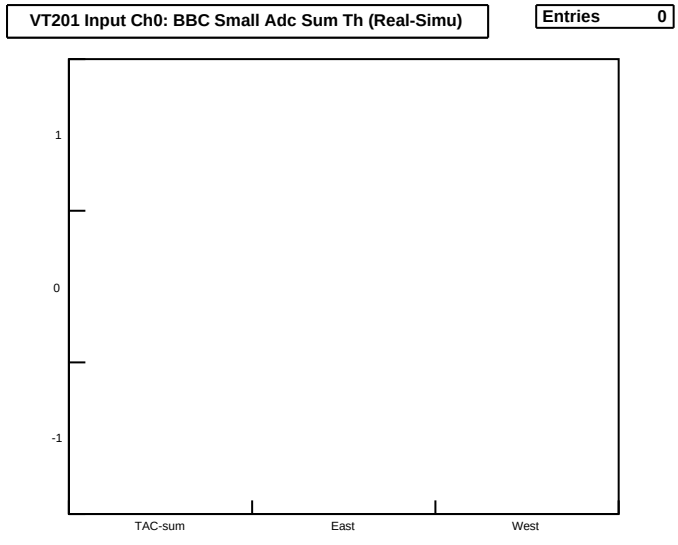

zdcAdcSum
Entries 7.047881e+07
1059
351
83432
339553
1.19452e+06
1030
209
1.03284e+06
434349
1.49828e+06
5.87218e+06
5.87288e+05
5.87322e+06
5.0391e+06
5.53368e+06
4.67871e+06
5.8722e+06
5.87302e+06
5.87323e+05
4.84038e+06
5.43888e+06
4.37495e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

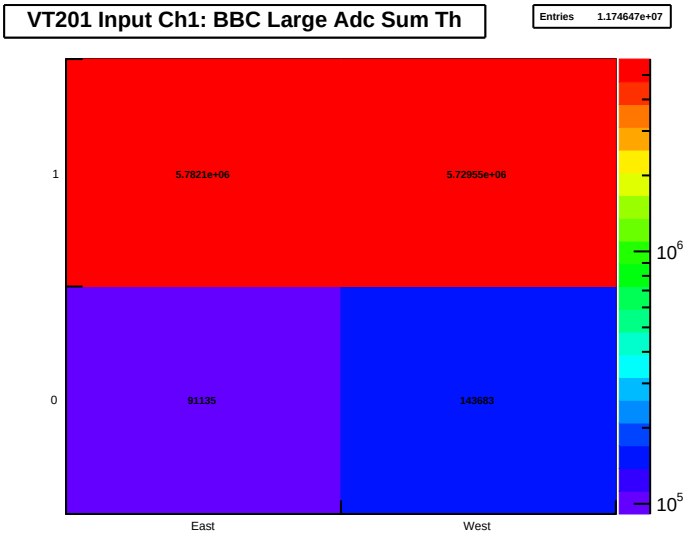

zdcAdcSumDiff
Entries 9213823
682
230
549019
221733
790747
761
151
756837
320565
1.09335e+06
585667
583823
585944
299831
376165
90207
621993
622204
622262
346256
517824
226674
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

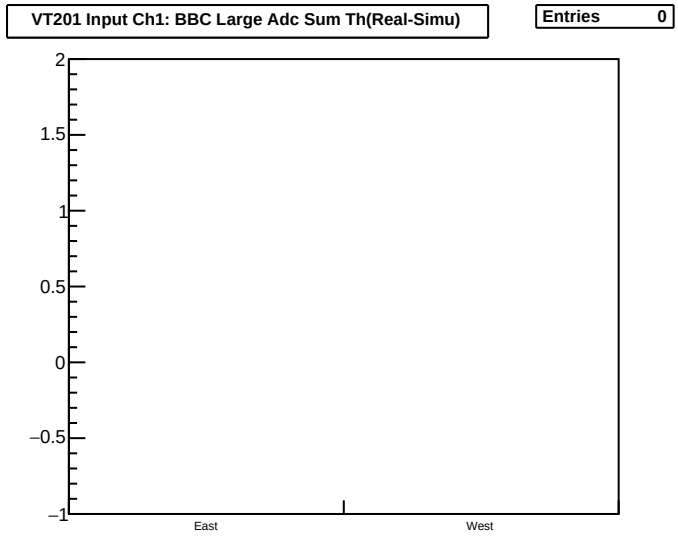

VT201 Input Ch0: BBC Small Tac Diff
Entries5873234
Tac


VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

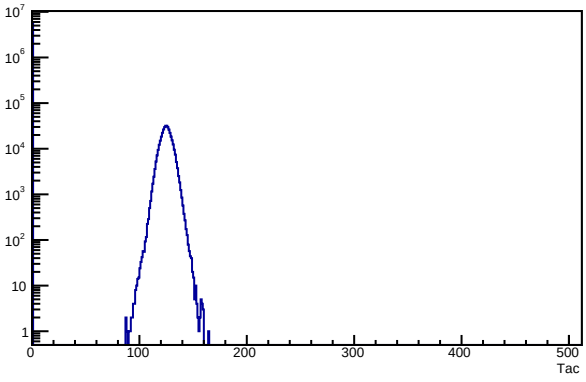

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.76197e+07
5.73891e+06
5.78202e+06
5.87323e+06
134320
91211
TAC-Sum
East
West


VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
TAC-sum
East
West

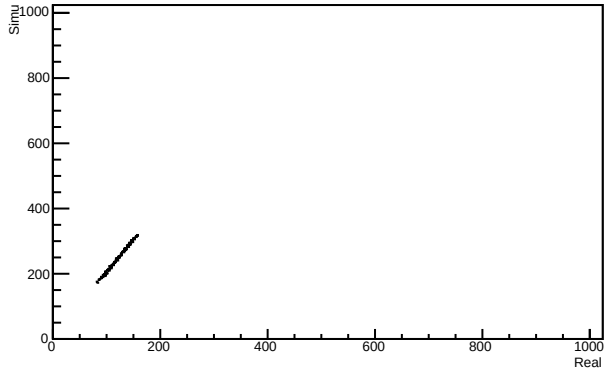

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.174647e+07
5.7821e+06
5.72955e+06
91135
143683
East
West


VT201 Input Ch1: BBC Large Adc Sum Th(Real-Simu)
Entries 0
East
West

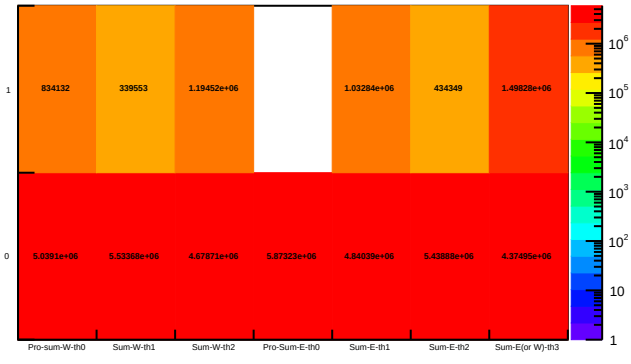
VT201 Input Ch2: ZDC Tac Diff



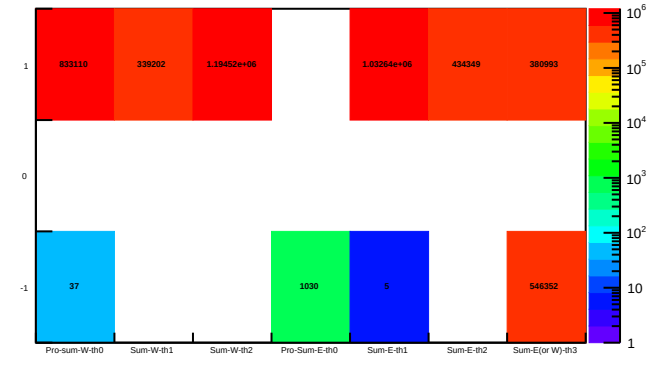
VT201 Input Ch2: ZDC Tac Diff



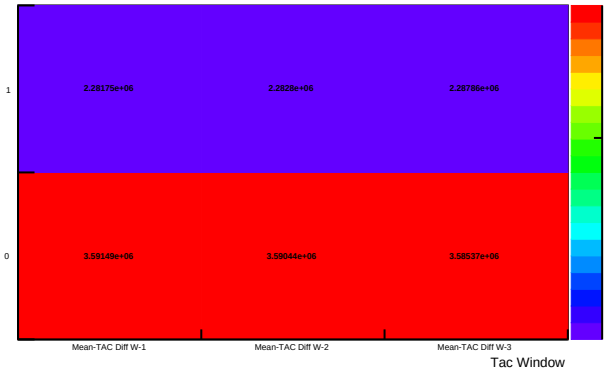
VT201 Input Ch2: ZDC Adc Sum Th



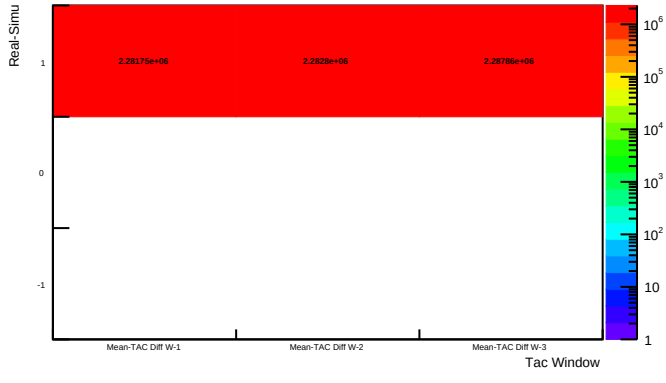
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



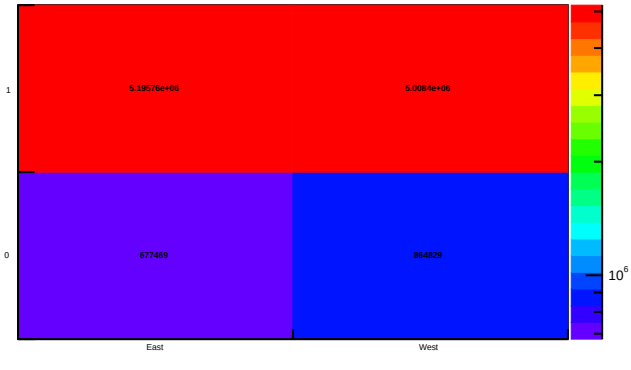
VT201 Input Ch4: VPD Tac Diff



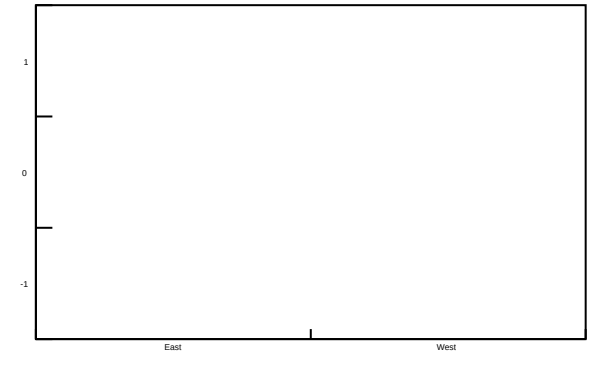
VT201 Input Ch4: VPD Tac Diff

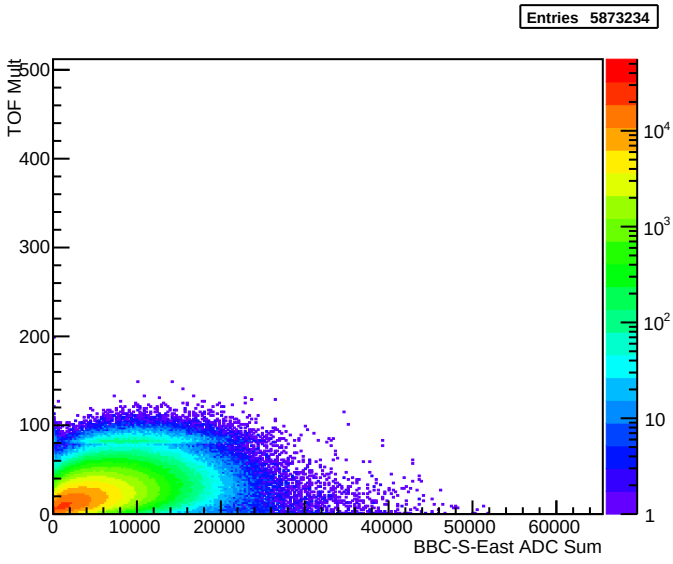


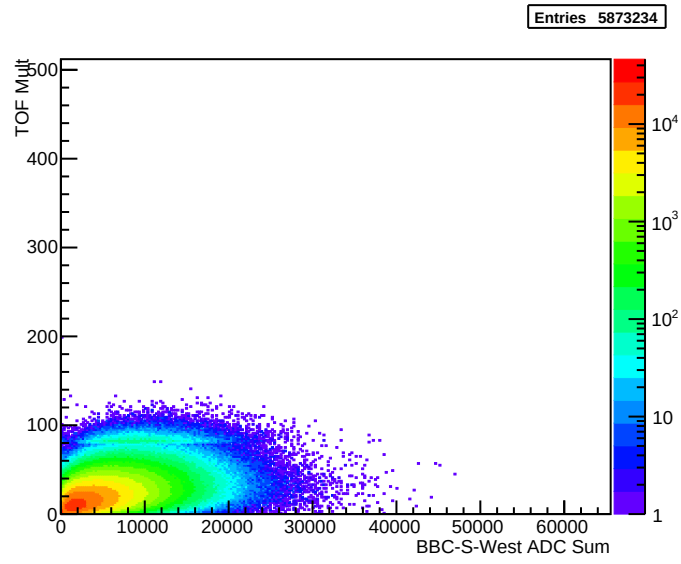
VT201 Input Ch4: VPD Adc Sum Th

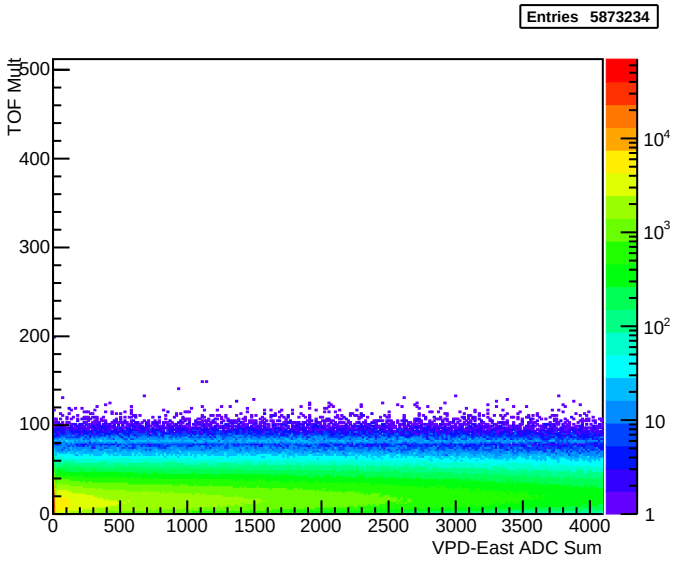


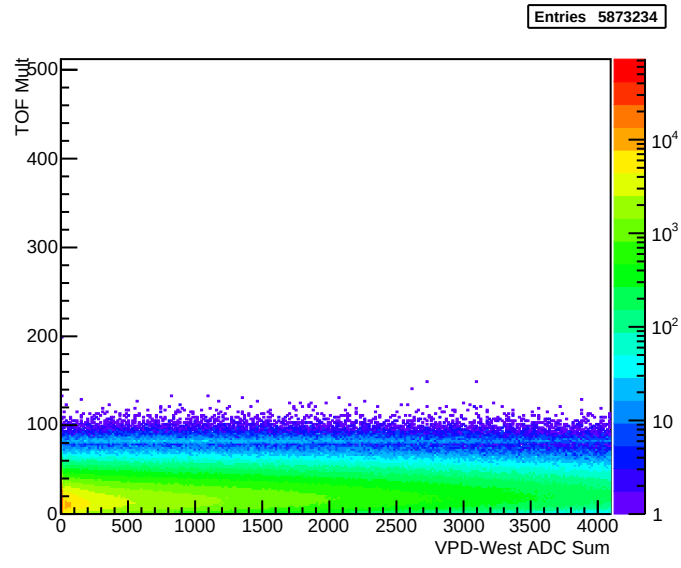
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

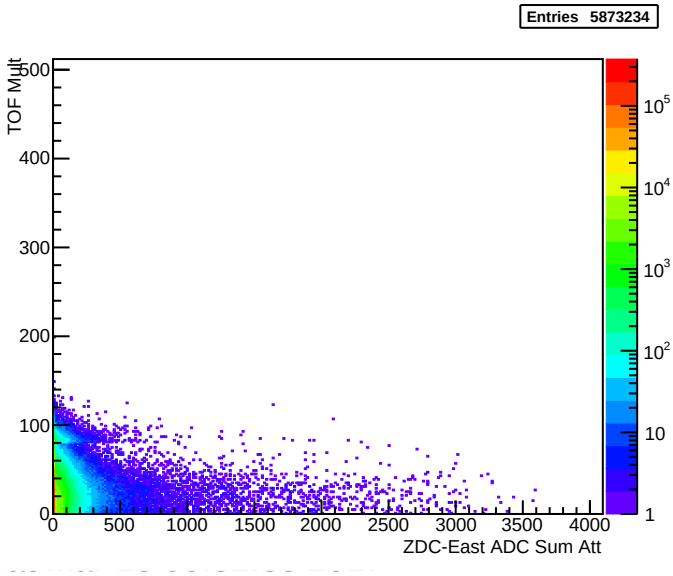


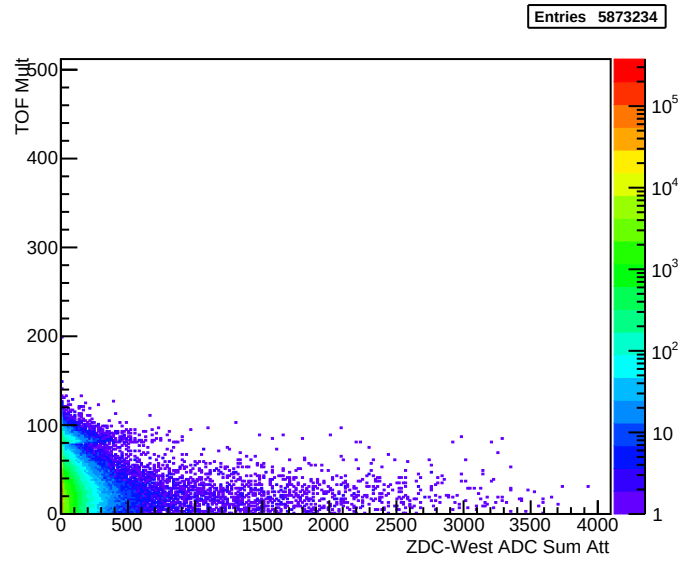

Entries 5873234
TOF Mult
BBC-S-East ADC Sum

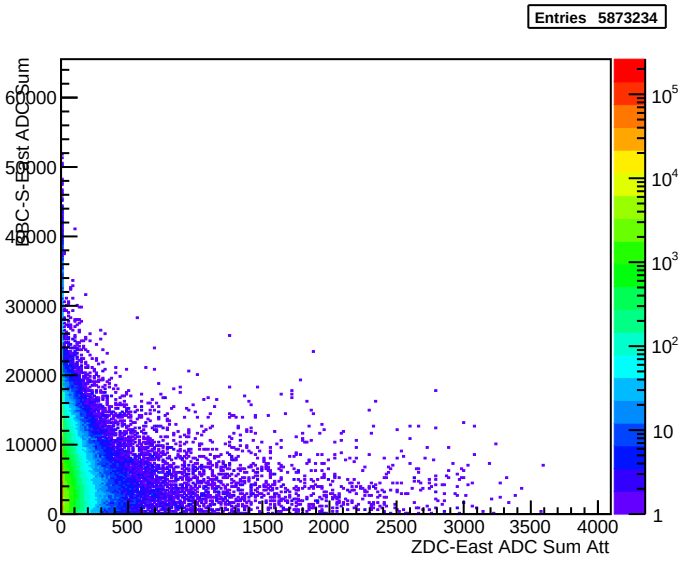

Entries 5873234
TOF Mult
BBC-S-West ADC Sum

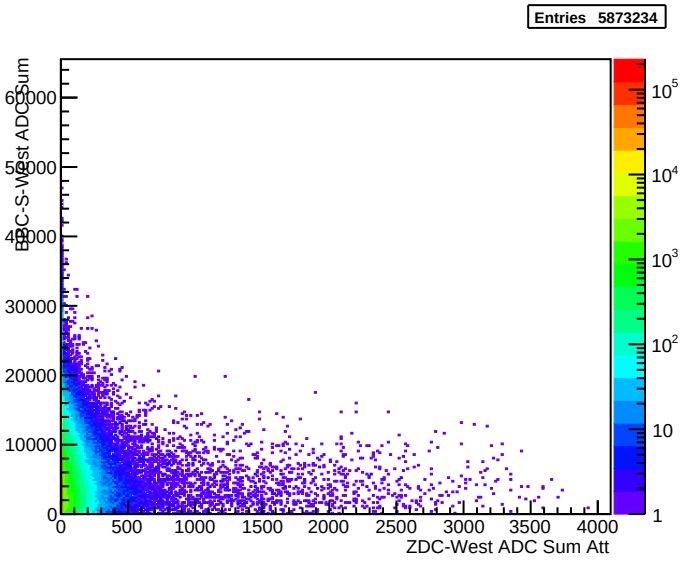

Entries 5873234
TOF Mult
VPD-East ADC Sum

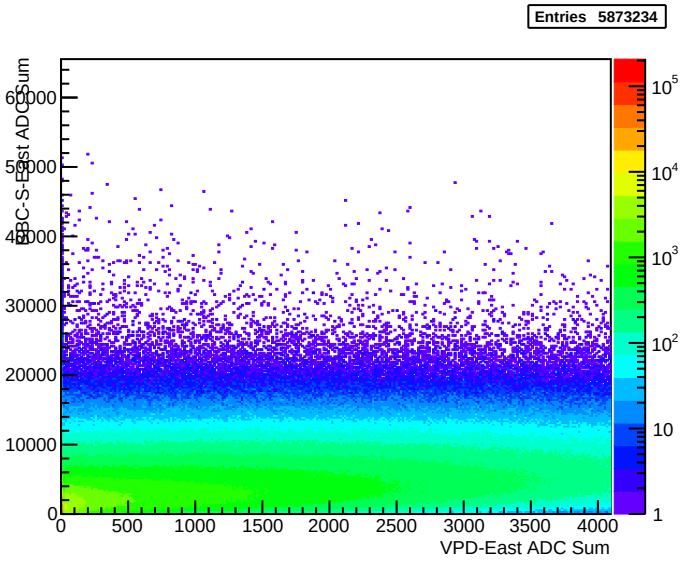

Entries 5873234
TOF Mult
VPD-West ADC Sum

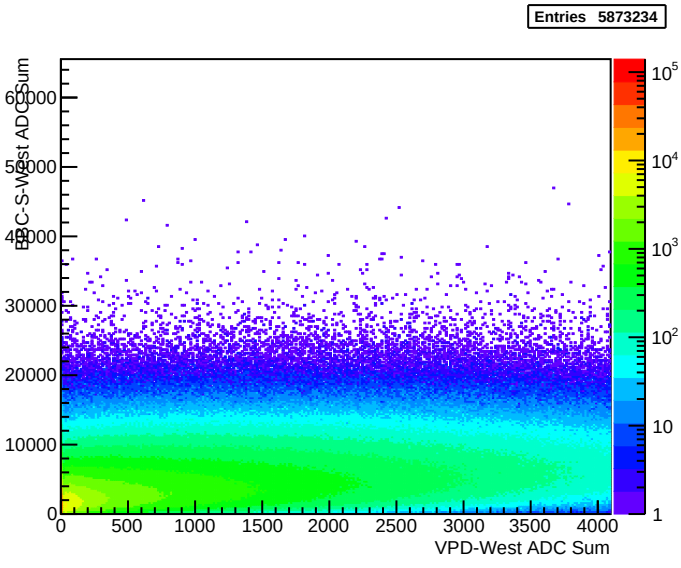

Entries 5873234
TOF Mult
ZDC-East ADC Sum Att

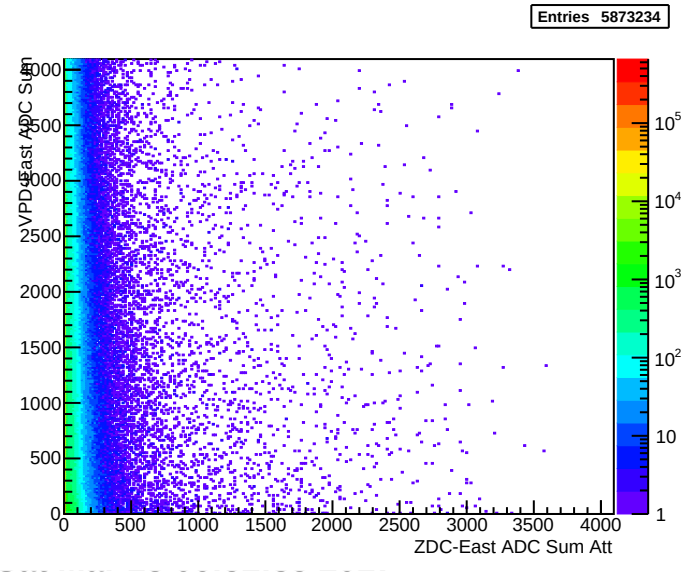

Entries 5873234
TOF Mult
ZDC-West ADC Sum Att

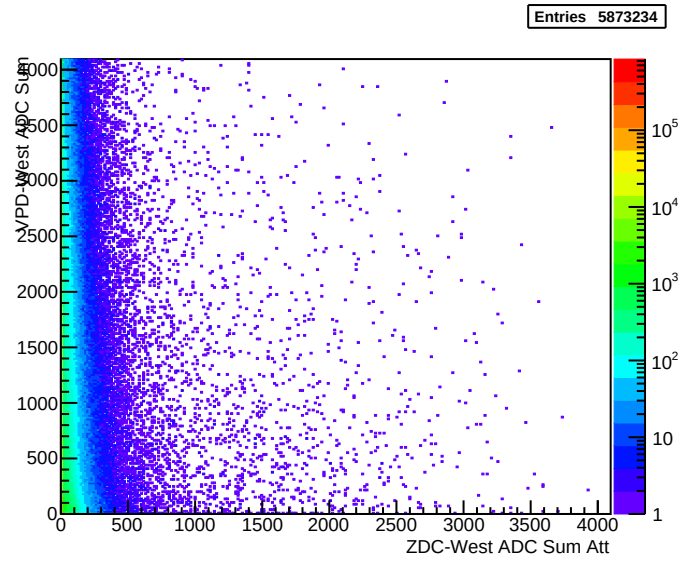

Entries 5873234
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

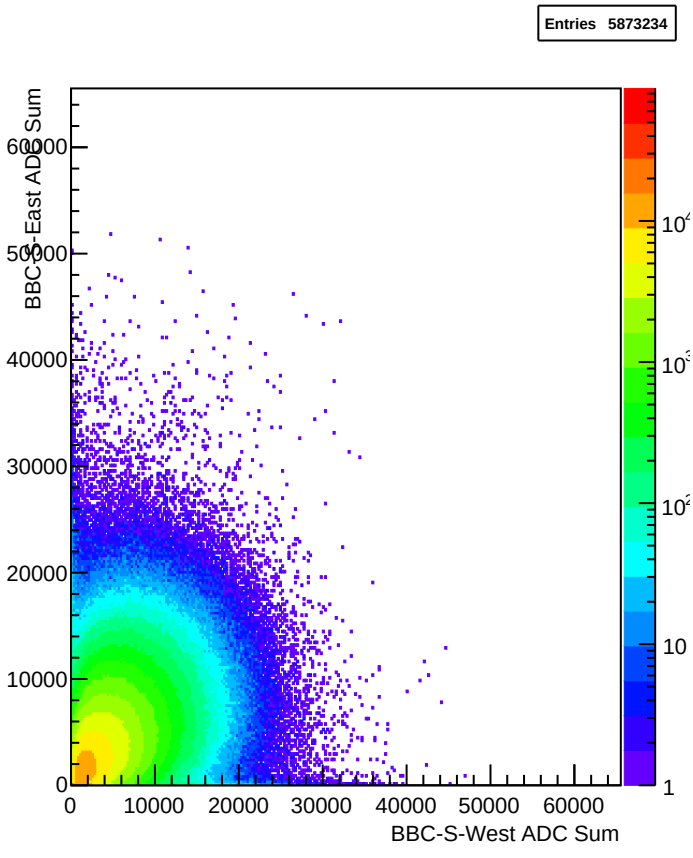

Entries 5873234
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

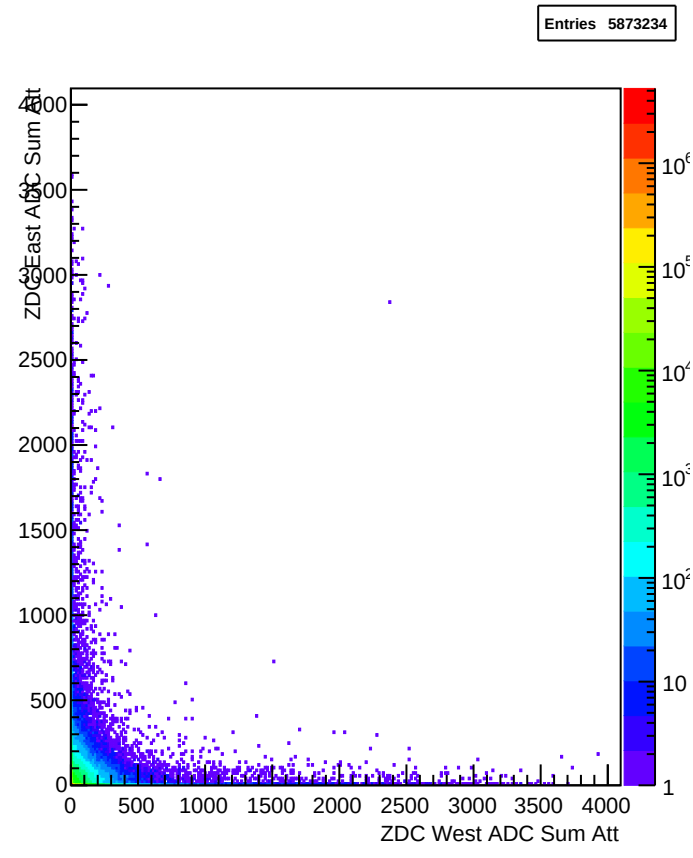

Entries 5873234
BBC-S-East ADC Sum
VPD-East ADC Sum

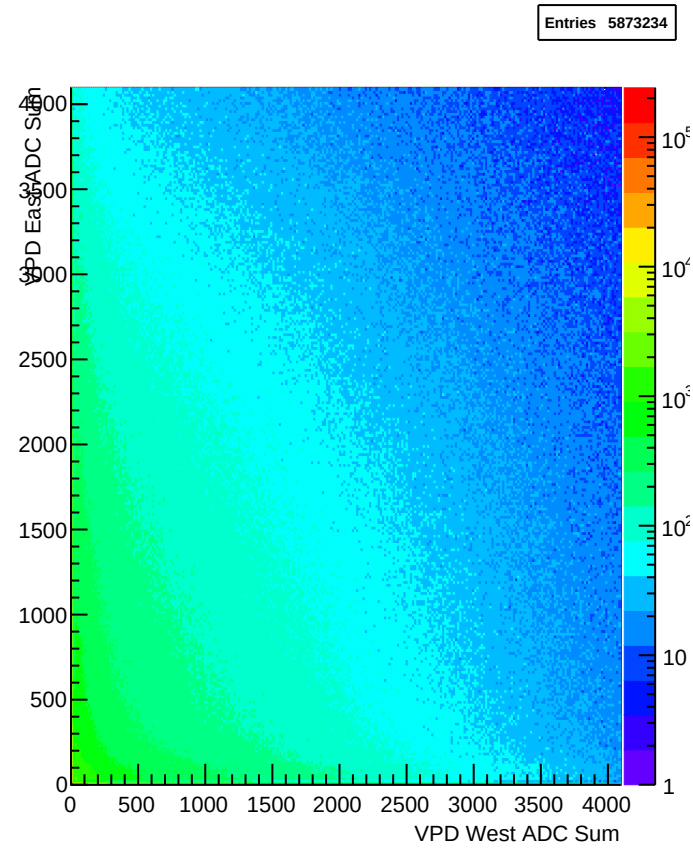

Entries 5873234
BBC-S-West ADC Sum
VPD-West ADC Sum

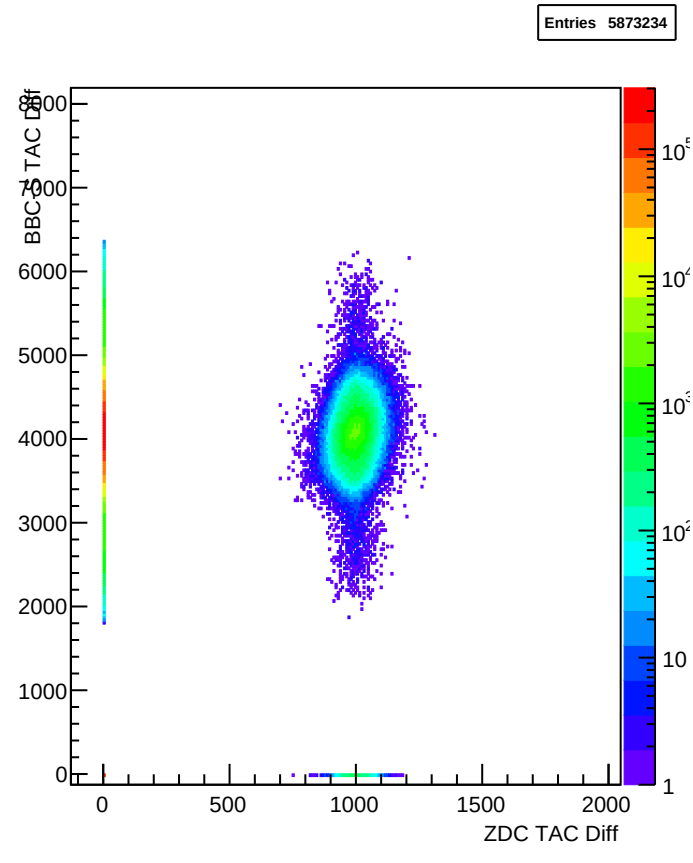

Entries 5873234
VPD-East ADC Sum
ZDC-East ADC Sum Att

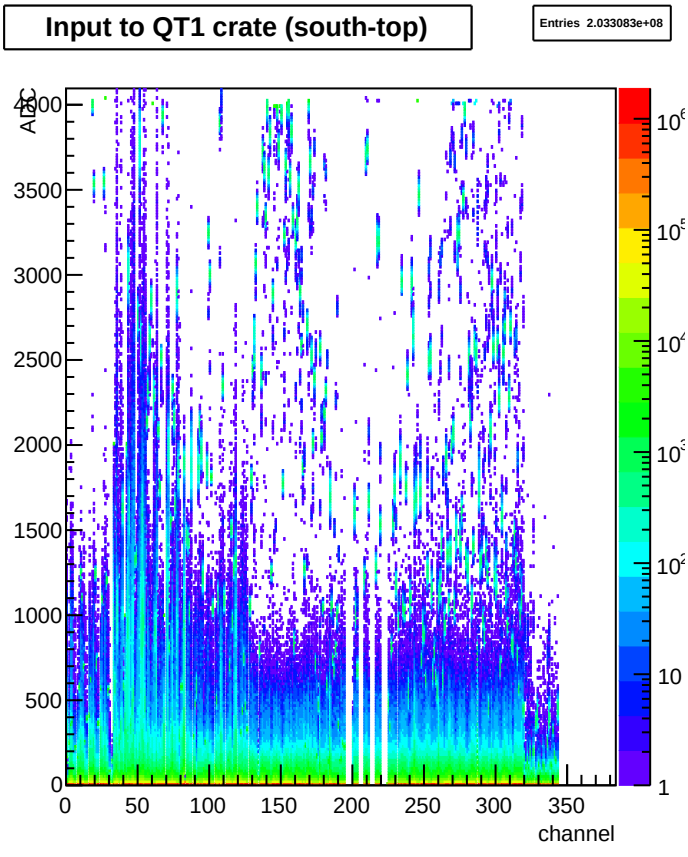

Entries 5873234
VPD-West ADC Sum
ZDC-West ADC Sum Att

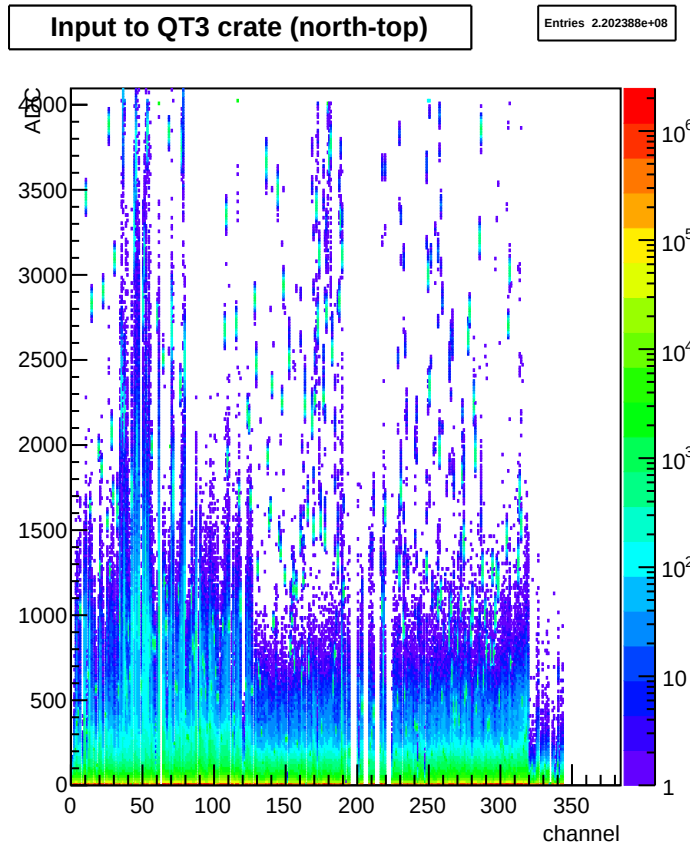

Entries 5873234
BBC-S-East ADC Sum
BBC-S-West ADC Sum

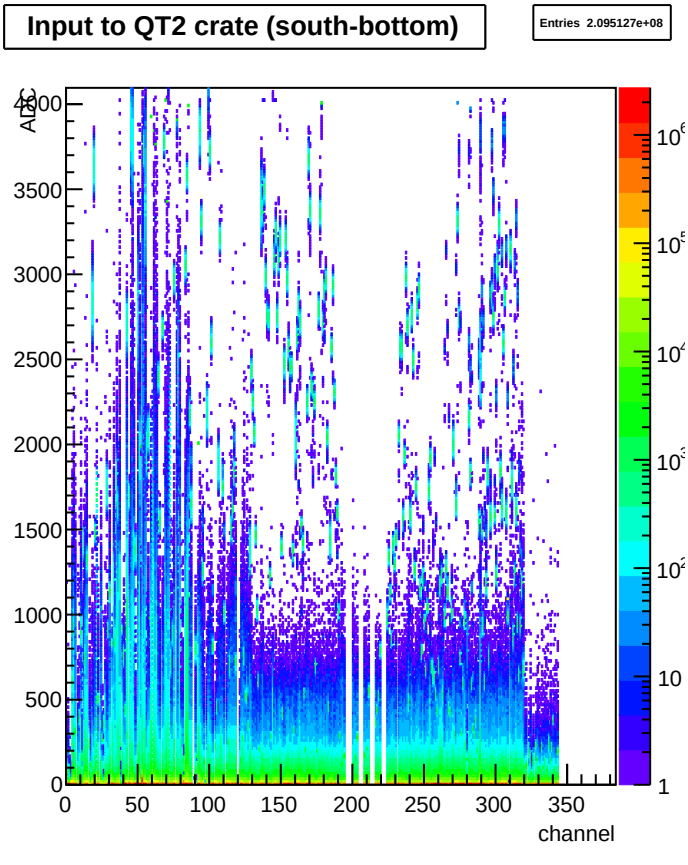

Entries 5873234
ZDC East ADC Sum Att
ZDC West ADC Sum Att

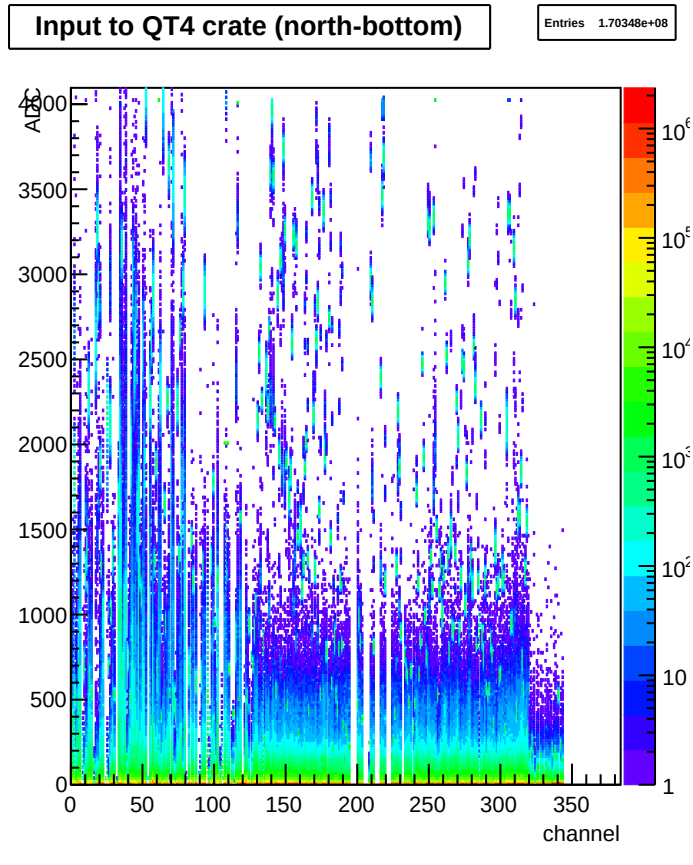

Entries 5873234
VPD East ADC Sum
VPD West ADC Sum

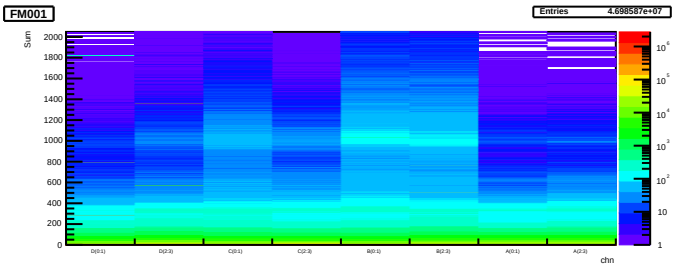

Entries 5873234
BBC-S TAC Diff
ZDC TAC Diff

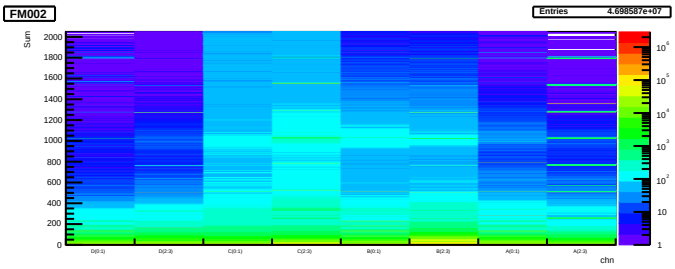

Input to QT1 crate (south-top)
Entries 2.033083e+08
ADC
channel

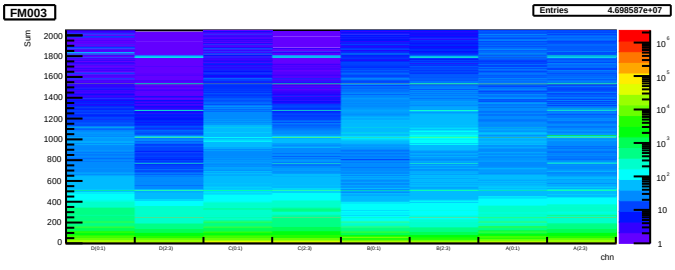

Input to QT3 crate (north-top)
Entries 2.202388e+08
ADC
channel

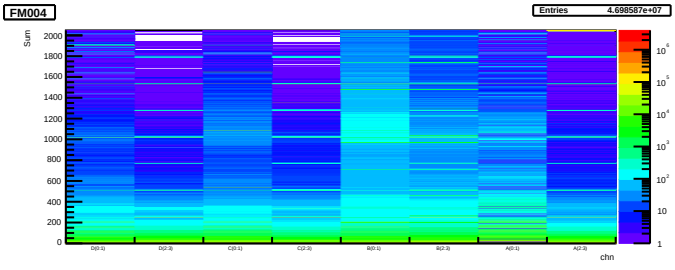

Input to QT2 crate (south-bottom)
Entries 2.095127e+08
ADC
channel

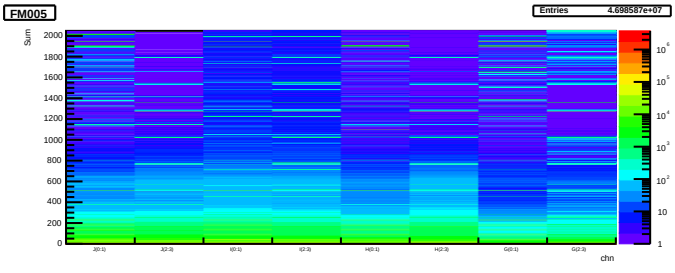

Input to QT4 crate (north-bottom)
Entries 1.70348e+08
ADC
channel

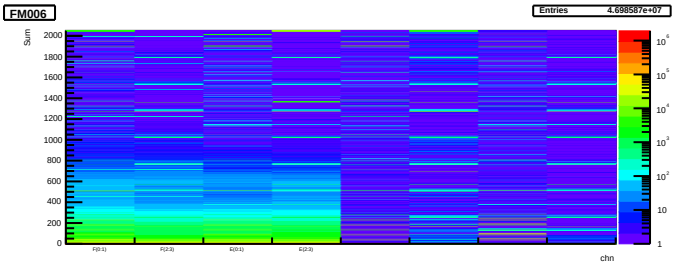

FM001
Entries 4.698587e+07
Sum
chn

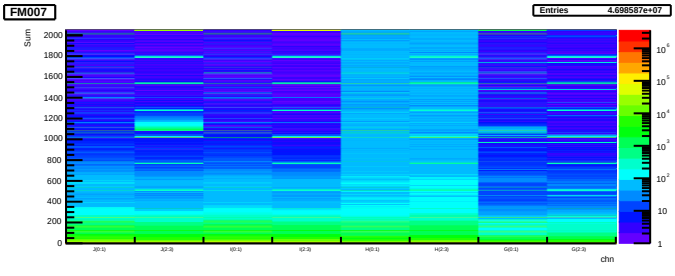

FM002
Entries 4.698587e+07
Sum
chn

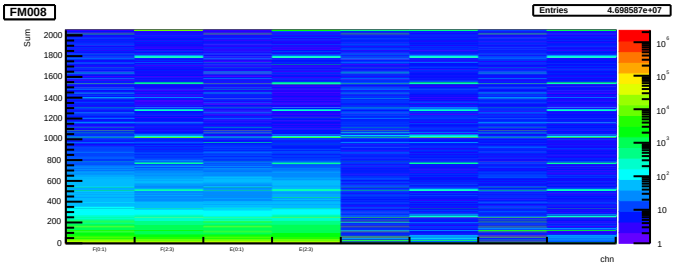

FM003
Entries 4.698587e+07
Sum
chn


FM004
Entries 4.698587e+07
Sum
chn


FM005
Entries 4.698587e+07
Sum
chn


FM006
Entries 4.698587e+07
Sum
chn


FM007
Entries 4.698587e+07
Sum
chn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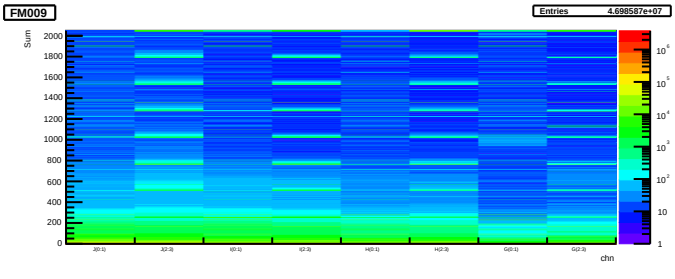
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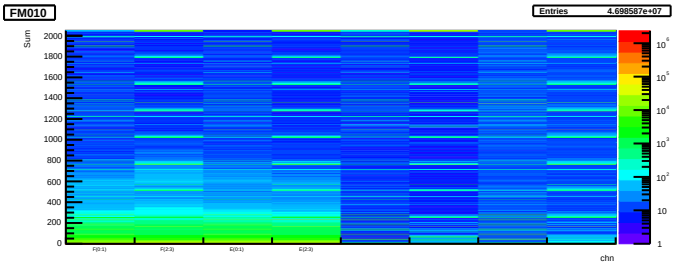
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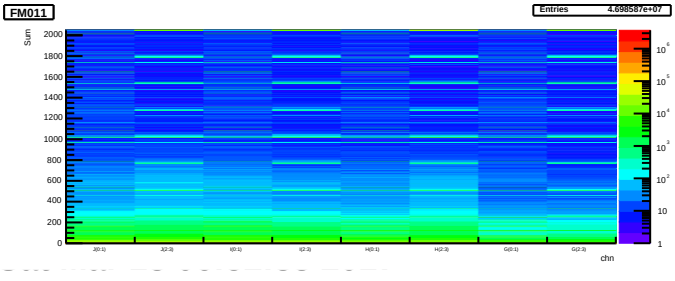
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Entries 4.698587e+07
Sum
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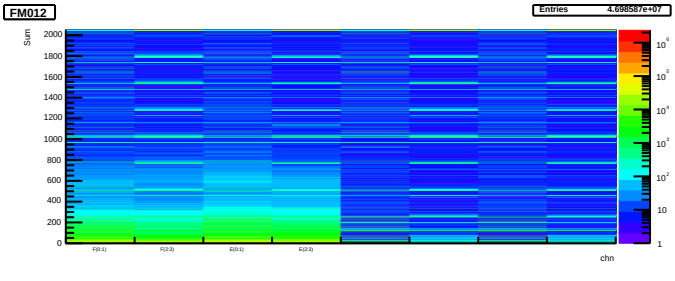
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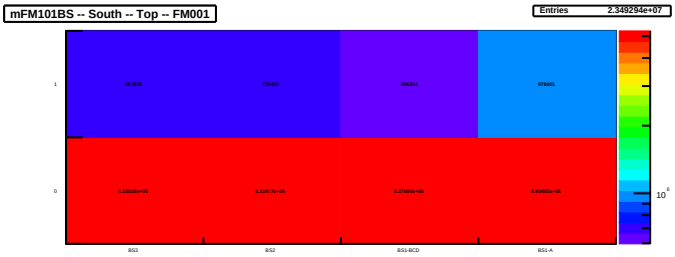
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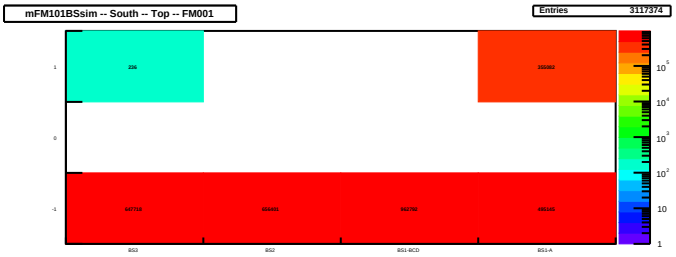
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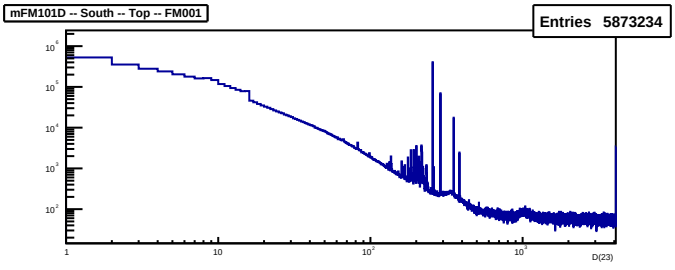
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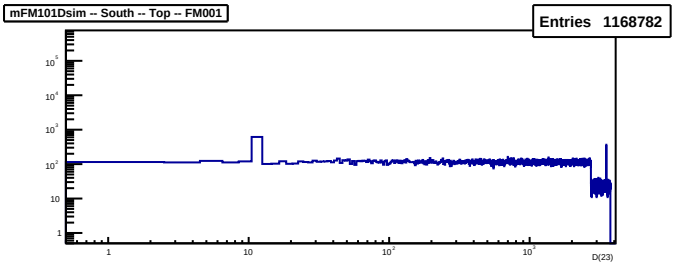
Entries 5873234
D(23)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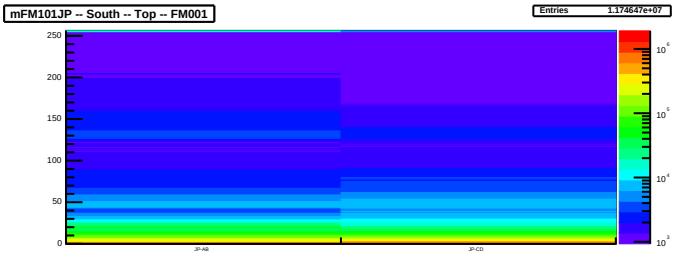
D(23)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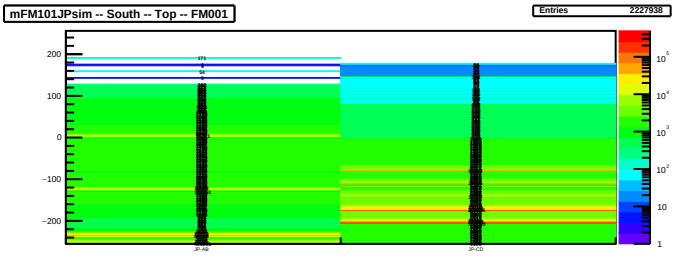
Entries 1.174647e+07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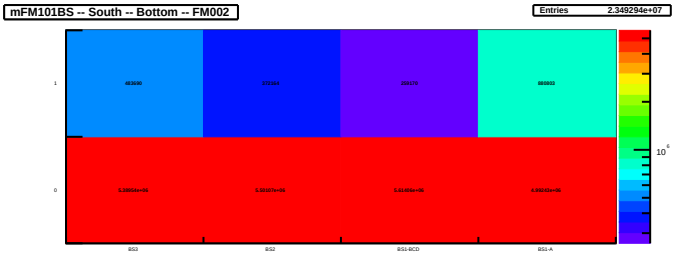
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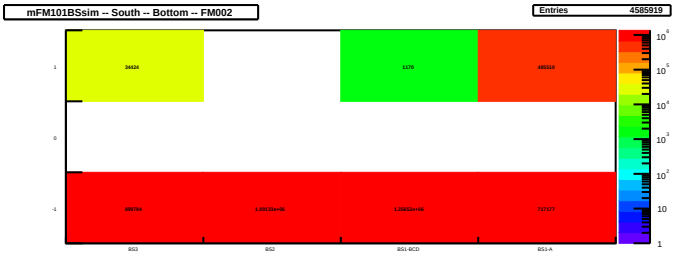
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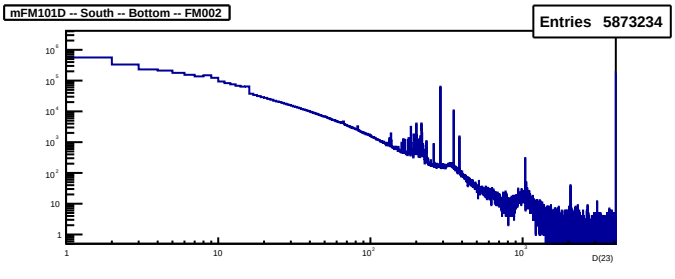
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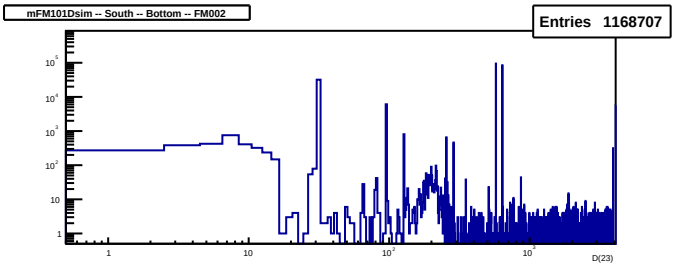
Entries 5873234
D(23)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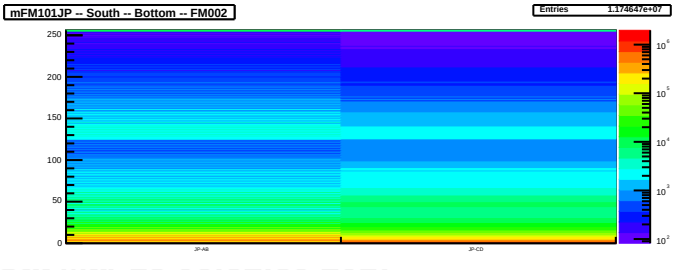
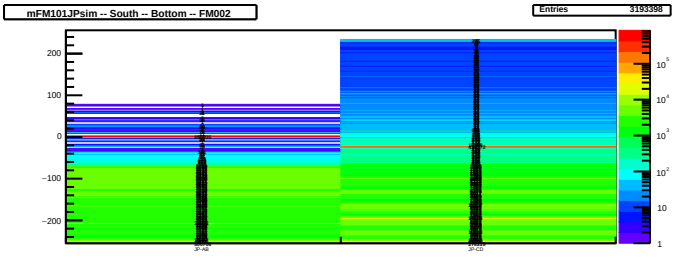
Entries 1168707
D(23)


mFM101JP -- South -- Bottom -- FM002
Entries 1.174647e+07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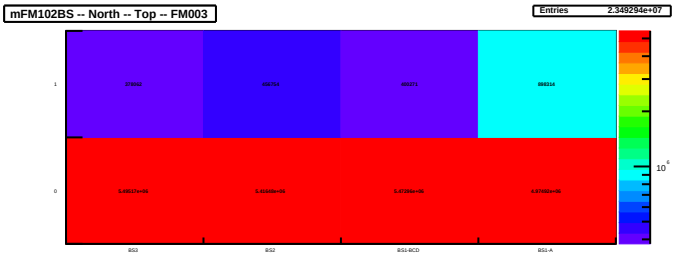
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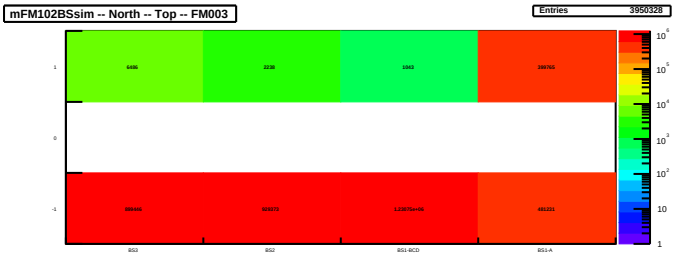
Entries 2.349294e+07
BS3
BS2
BS1-BCD
BS1-A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BS3
BS2
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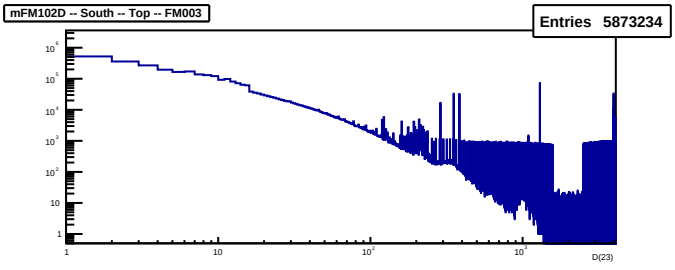
BS1-A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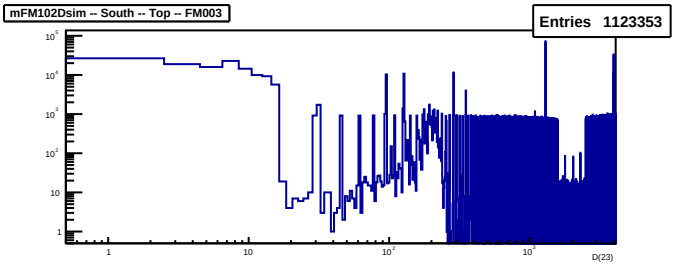
Entries 5873234
D(23)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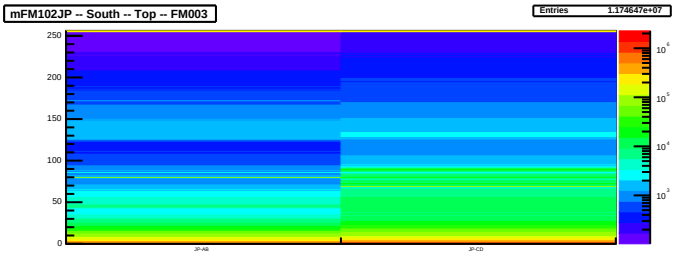
D(23)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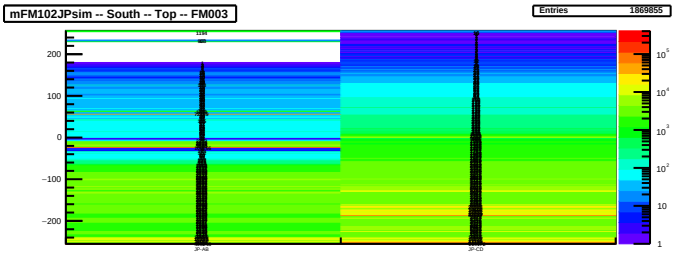
Entries 1.174647e+07
JP-AB
JP-CD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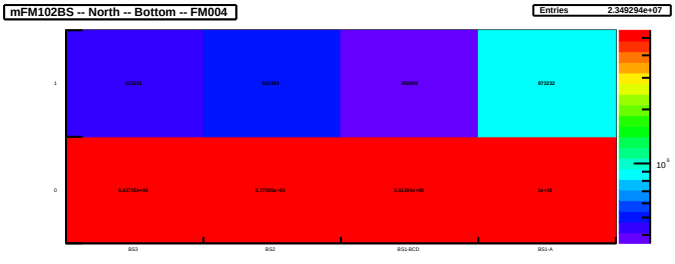
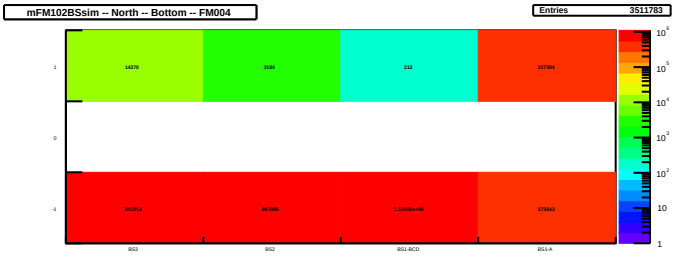
JP-AB
JP-CD


mFM102BS -- North -- Bottom -- FM004
Entries 2.349294e+07
BS3
BS2
BS1-BCD
BS1-A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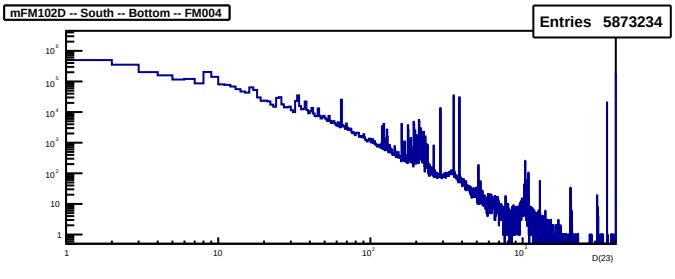
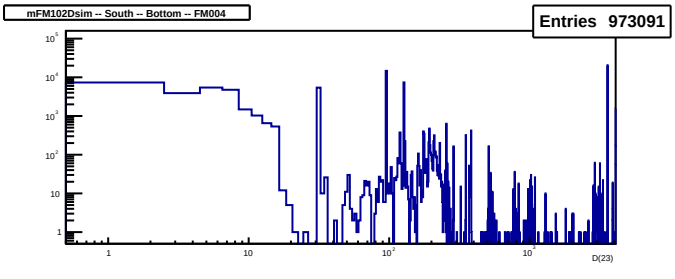
BS3
BS2
BS1-BCD
BS1-A


mFM102D -- South -- Bottom -- FM004
Entries 5873234
D(23)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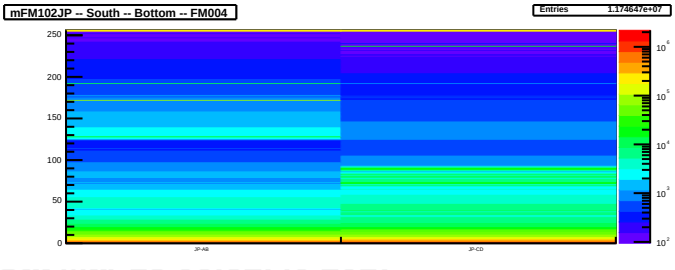
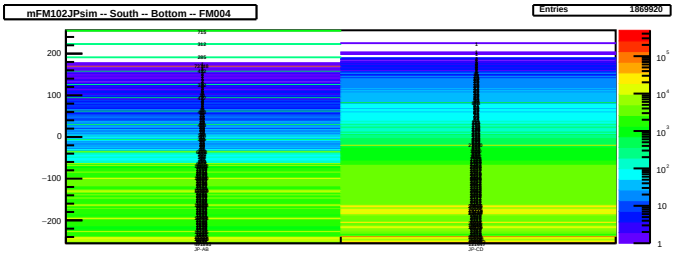
Entries 973091
D(23)


mFM102JP -- South -- Bottom -- FM004
Entries 1.174647e+07
JP-AB
JP-CD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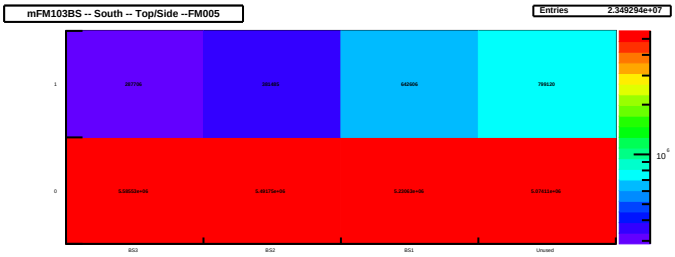
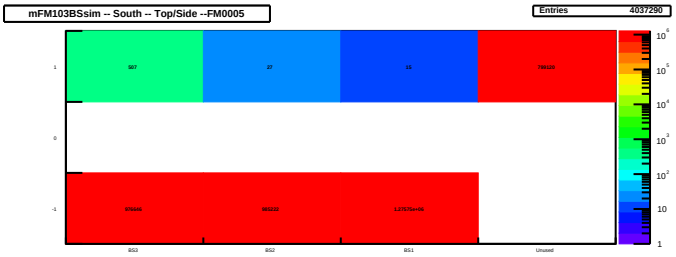
Entries 1869920
JP-AB
JP-CD


mFM103BS -- South -- Top/Side --FM005
Entries 2.349294e+07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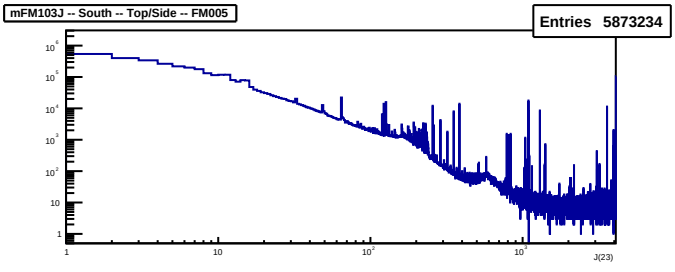
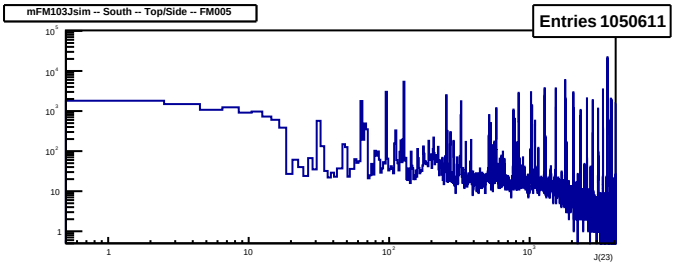

mFM103J -- South -- Top/Side -- FM005
Entries 5873234
J(23)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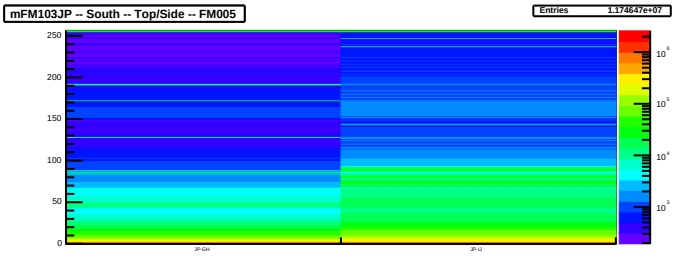
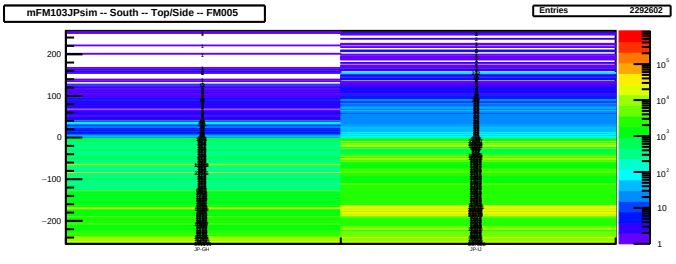
Entries 1050611
J(23)


mFM103JP -- South -- Top/Side -- FM005
Entries 1.174647e+07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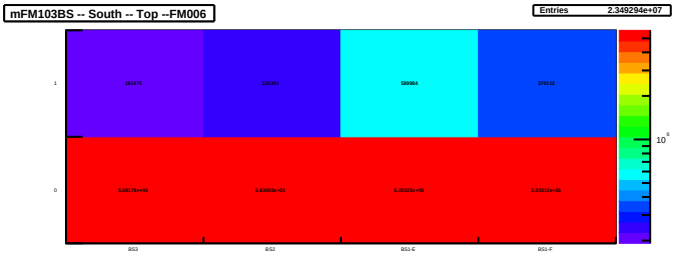
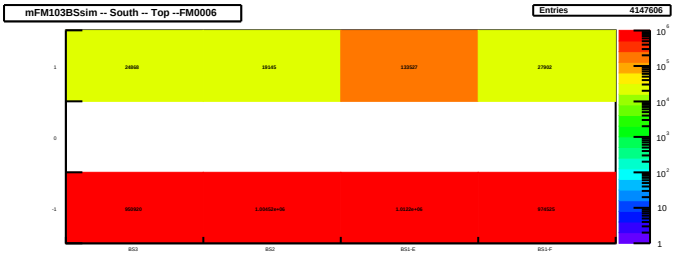
Entries 2292602


mFM103BS -- South -- Top --FM006
Entries 2.349294e+07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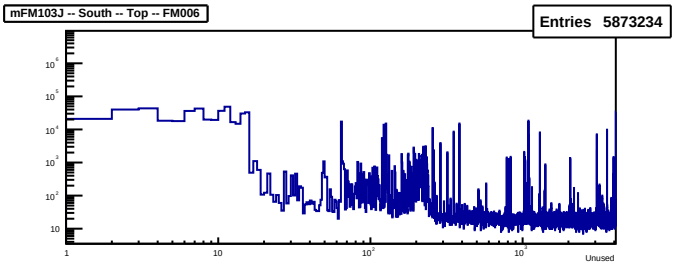
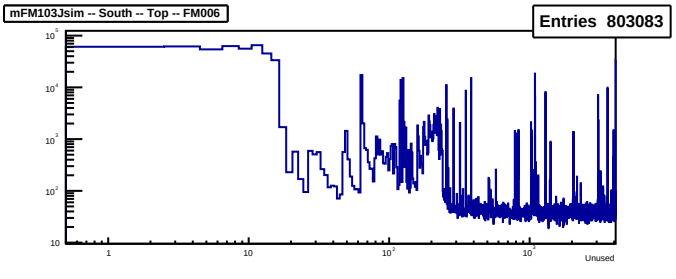
Entries 4147606


mFM103J -- South -- Top -- FM006
Entries 5873234
Unused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Entries 803083
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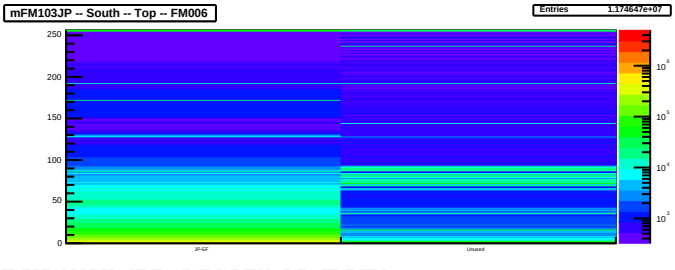
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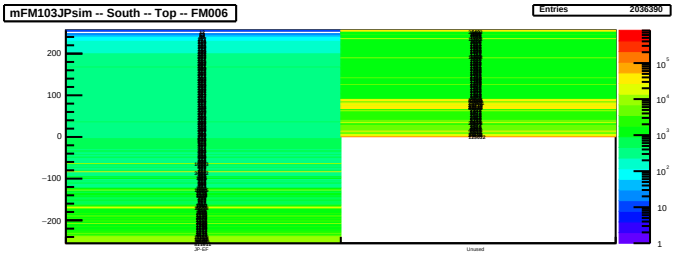
Entries 1.174647e+07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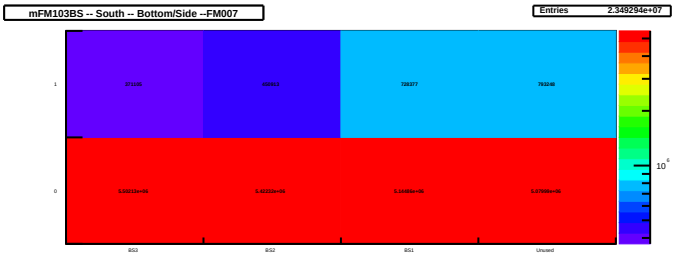
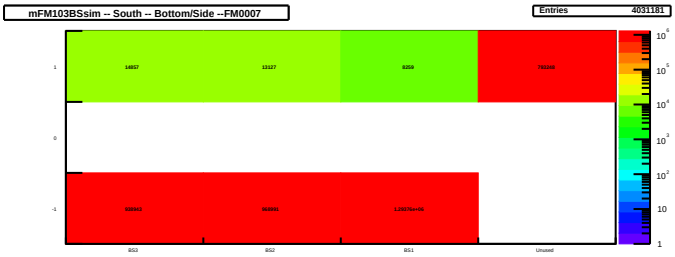

mFM103BS -- South -- Bottom/Side --FM007
Entries 2.349294e+07
BS3
BS2
BS1
Unused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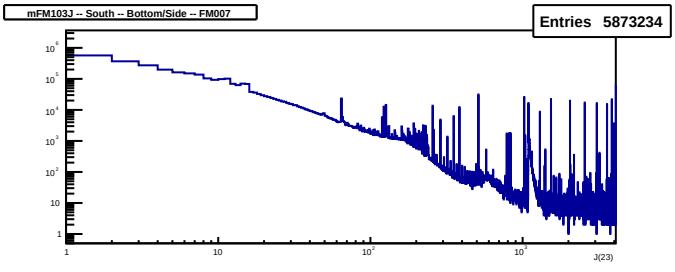
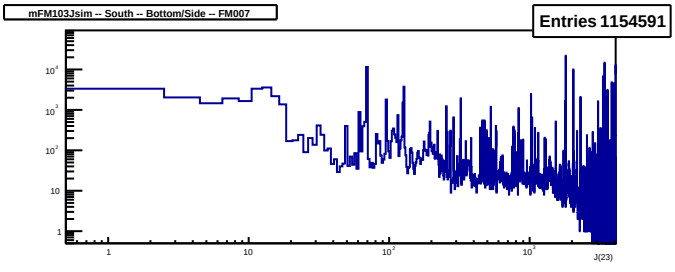
BS3
BS2
BS1
Unused


mFM103J -- South -- Bottom/Side -- FM007
Entries 5873234
J(23)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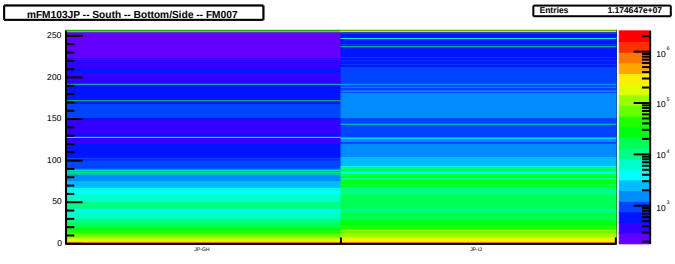
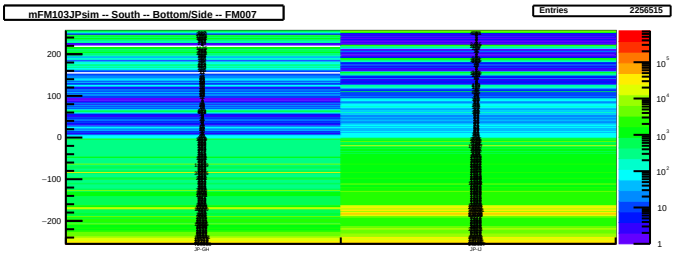
J(23)


mFM103JP -- South -- Bottom/Side -- FM007
Entries 1.174647e+07
JP-GH
JP-IJ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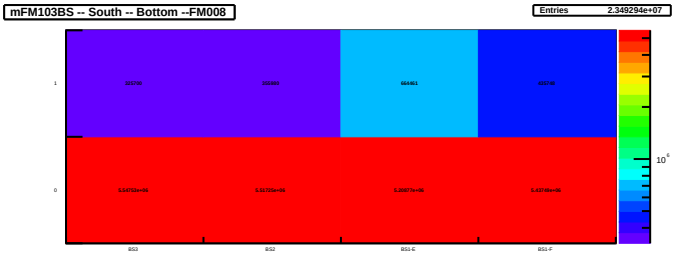
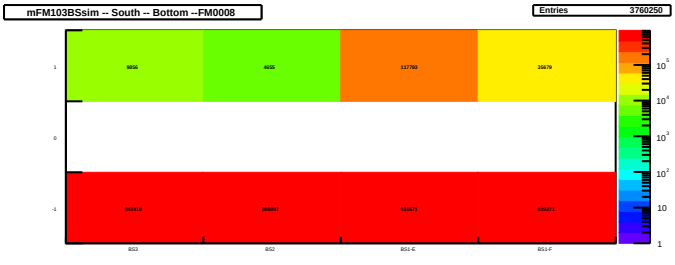
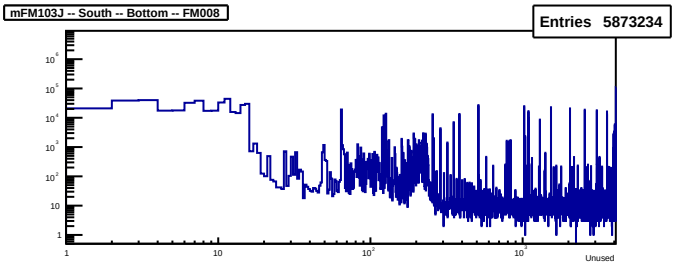
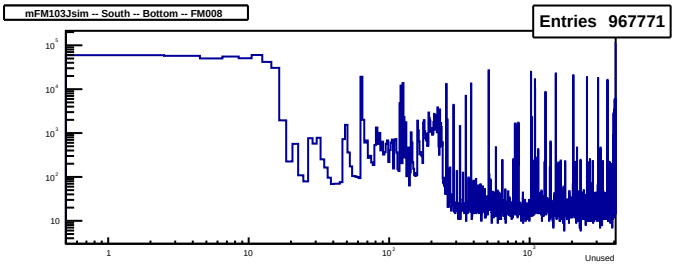
Entries 2256515
JP-GH
JP-IJ


mFM103BS -- South -- Bottom --FM008
Entries 2.349294e+07
BS3
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Bottom --FM0008
Entries 3760250
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Bottom -- FM008
Entries 5873234
Unused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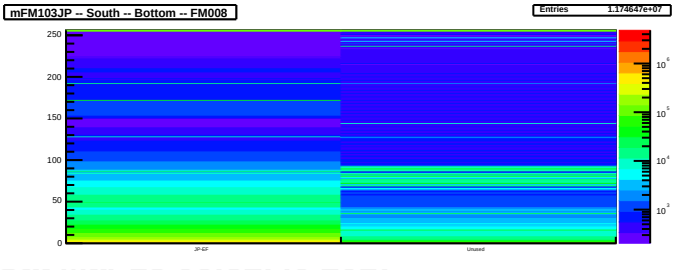
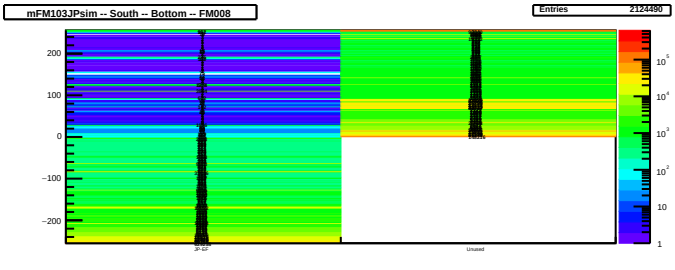
Entries 967771
Unused


mFM103JP -- South -- Bottom -- FM008
Entries 1.174647e+07
JP-EF
Unused


mFM103JPsim -- South -- Bottom -- FM008
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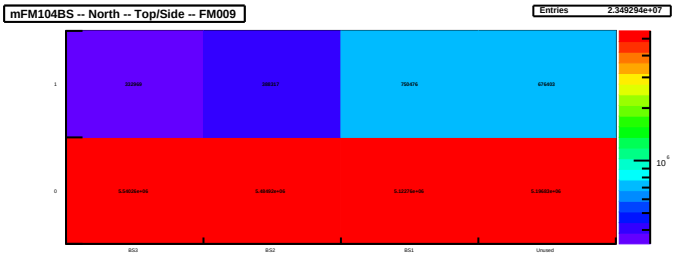
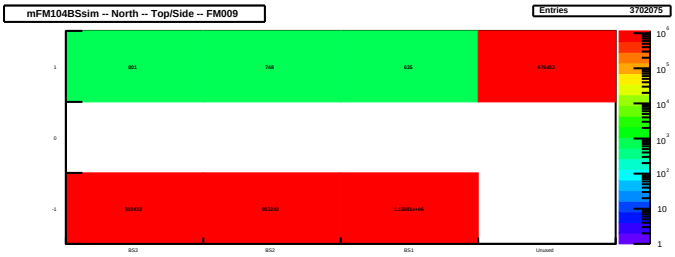
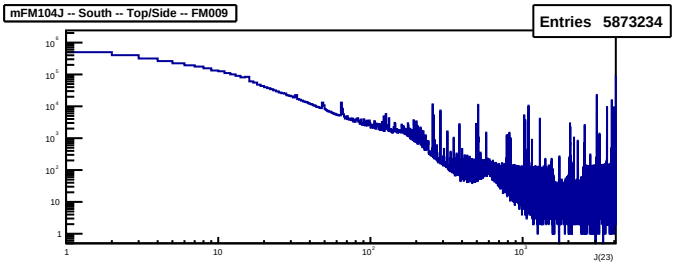
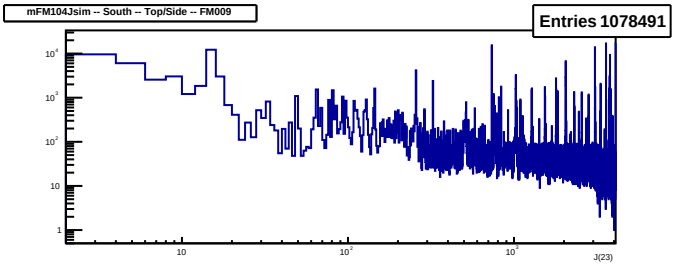
JP-EF
Unused


mFM104BS -- North -- Top/Side -- FM009
Entries 2.349294e+07


mFM104BSsim -- North -- Top/Side -- FM009
Entries 3702075


mFM104J -- South -- Top/Side -- FM009
Entries 5873234
J(23)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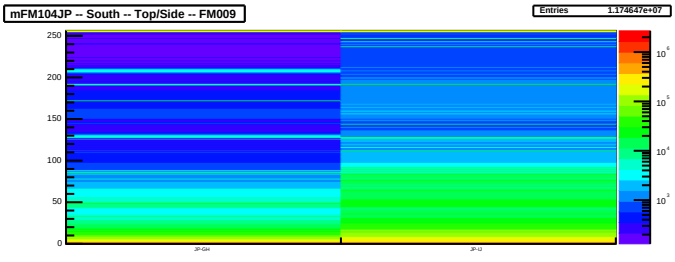
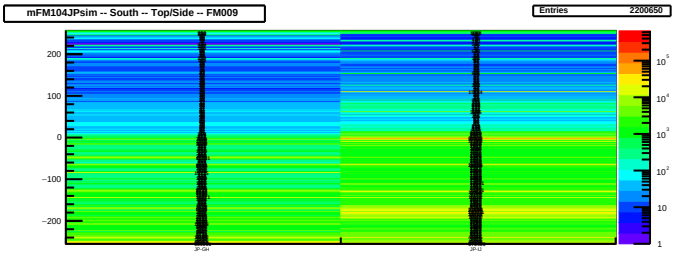
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 1.174647e+07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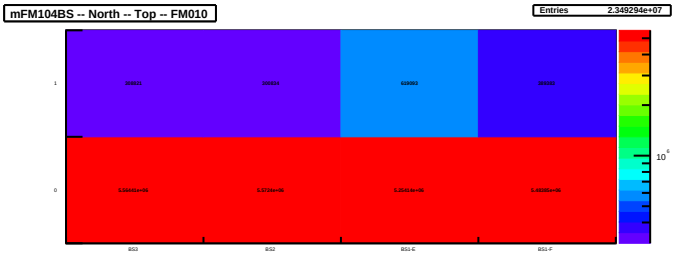
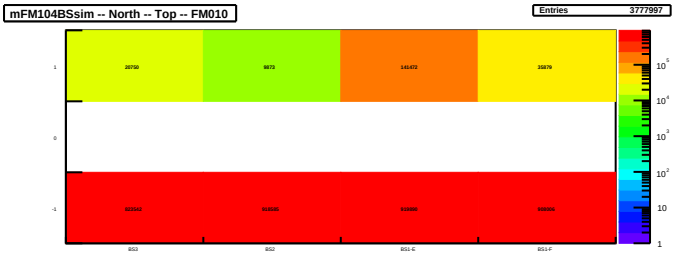

mFM104BS -- North -- Top -- FM010
Entries 2.349294e+07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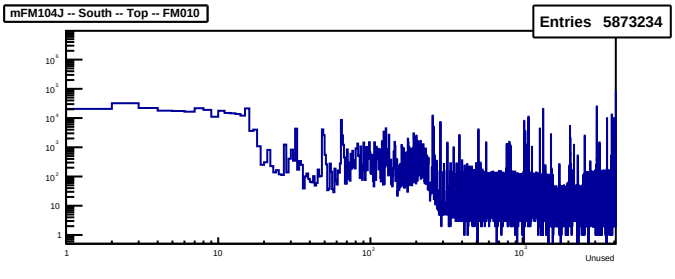
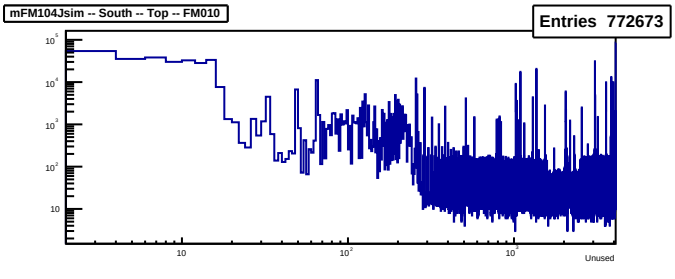

mFM104J -- South -- Top -- FM010
Entries 5873234
Unused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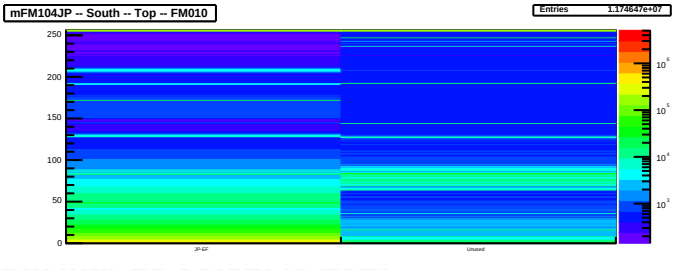
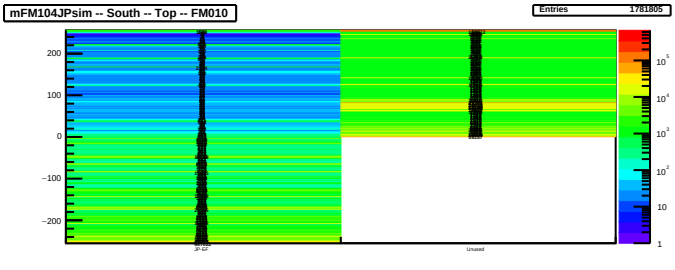
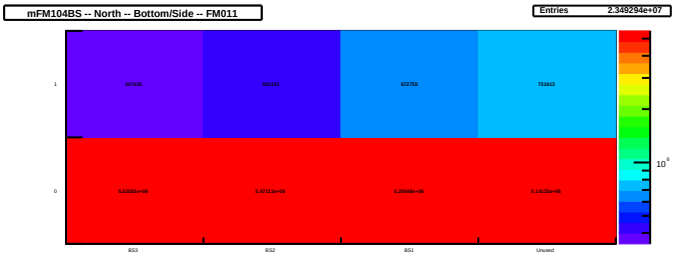
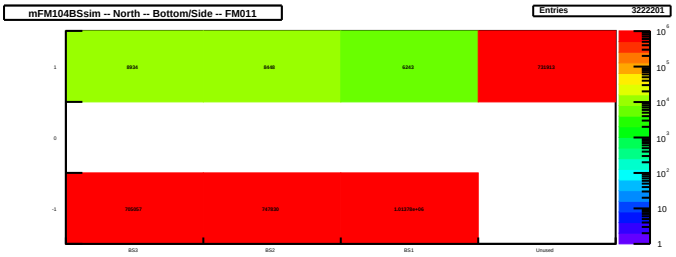
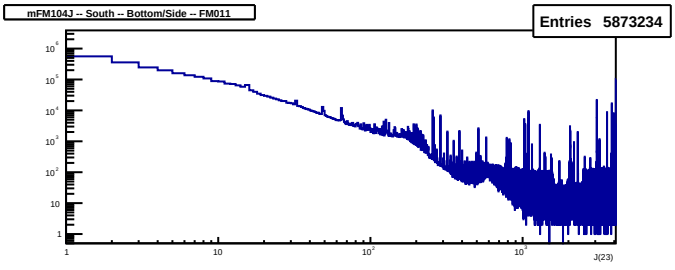
Entries 772673
Unused

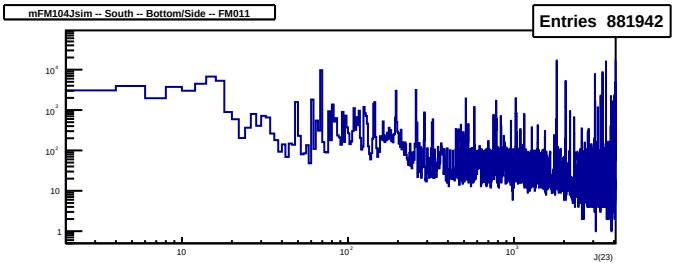

mFM104JP -- South -- Top -- FM010
Entries 1.174647e+07

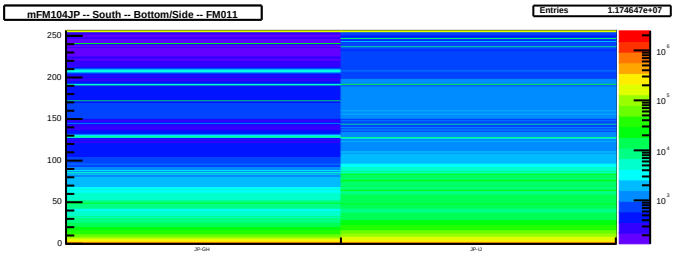

mFM104JPsim -- South -- Top -- FM010
Entries 1781805

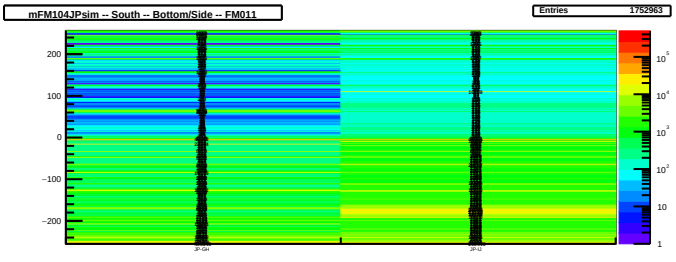

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2.349294e+07

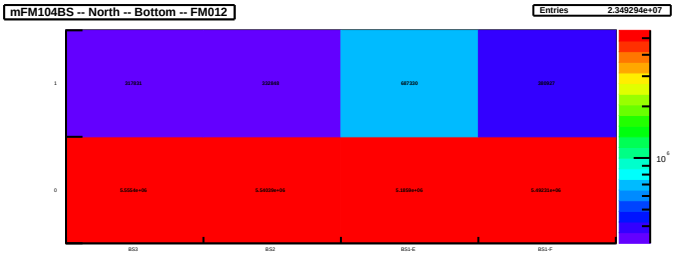

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 3222201

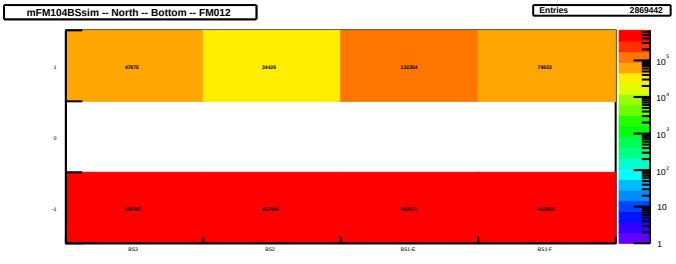

mFM104J -- South -- Bottom/Side -- FM011
Entries 5873234
J(23)

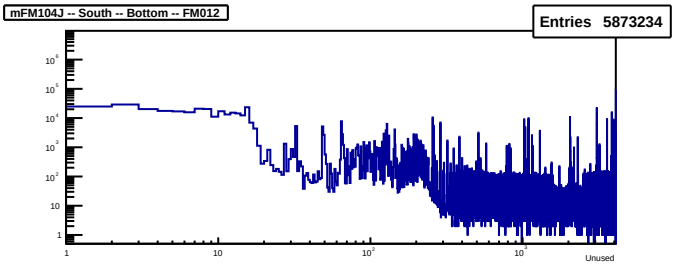

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 881942
J(23)

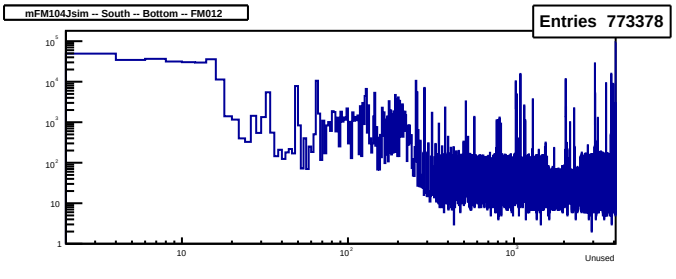

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.174647e+07

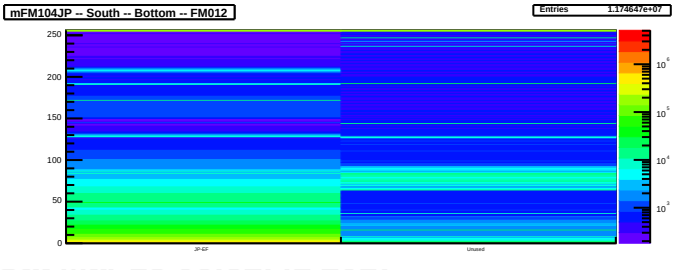

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 1752963

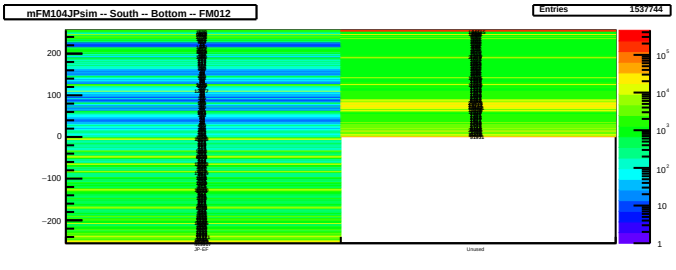

mFM104BS -- North -- Bottom -- FM012
Entries 2.349294e+07

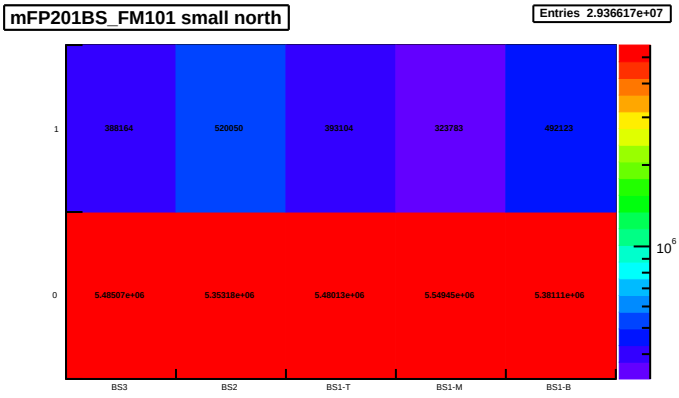

mFM104BSsim -- North -- Bottom -- FM012
Entries 2869442

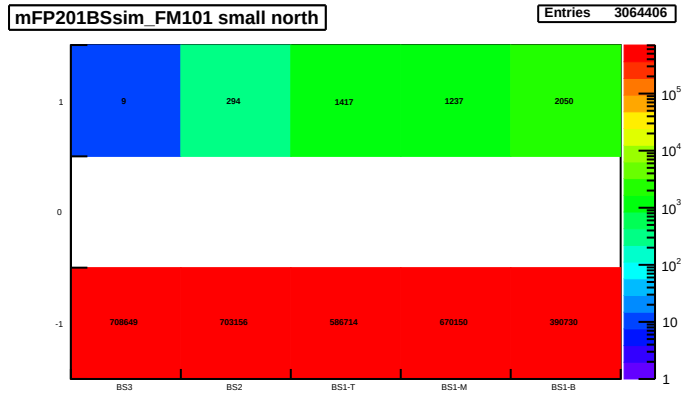

mFM104J -- South -- Bottom -- FM012
Entries 5873234
Unused

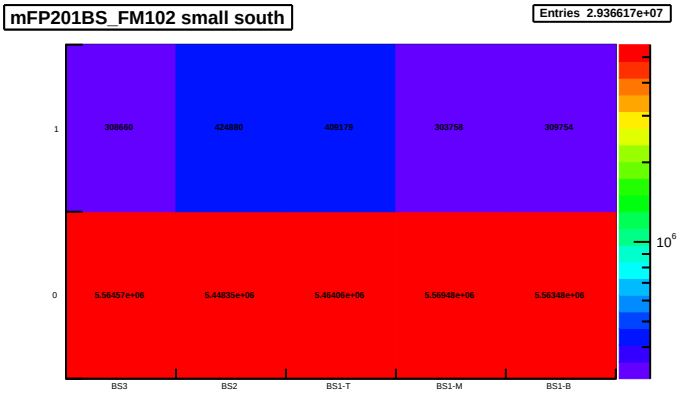

mFM104Jsim -- South -- Bottom -- FM012
Entries 773378
Unused

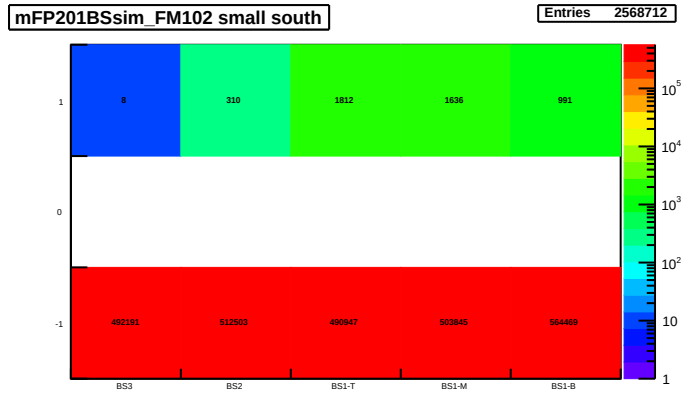

mFM104JP -- South -- Bottom -- FM012
Entries 1.174647e+07


mFM104JPsim -- South -- Bottom -- FM012
Entries 1537744


mFP201BS_FM101 small north
Entries 2.936617e+07
1
0
388164
520050
393104
323783
492123
5.48507e+06
5.35318e+06
5.48013e+06
5.54945e+06
5.38111e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6


mFP201BSsim_FM101 small north
Entries 3064406
1
0
-1
9
294
1417
1237
2050
708649
703156
586714
670150
390730
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1


mFP201BS_FM102 small south
Entries 2.936617e+07
1
0
308660
424880
409179
303758
309754
5.56457e+06
5.44835e+06
5.46406e+06
5.56948e+06
5.56348e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6


mFP201BSsim_FM102 small south
Entries 2568712
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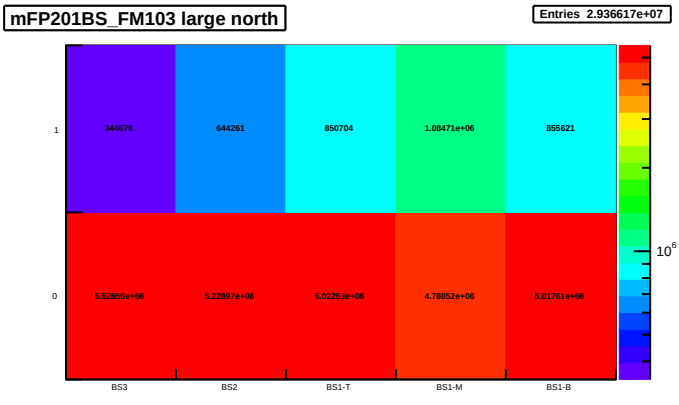
-1
8
310
1812
1636
991
492191
512503
490947
503845
564469
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1


mFP201BS_FM103 large north
Entries 2.936617e+07
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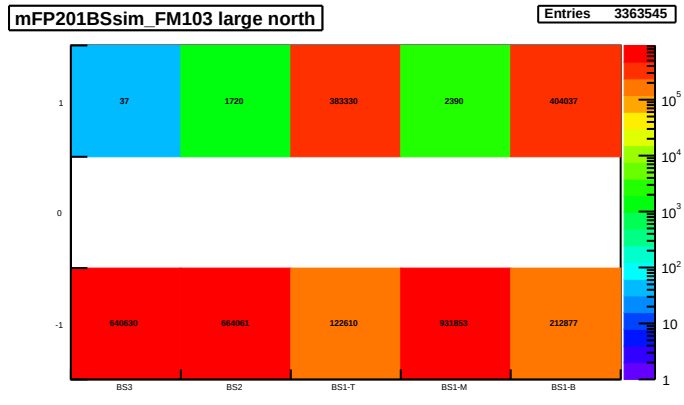
0
344676
644261
850704
1.08471e+06
855621
5.52856e+06
5.22897e+06
5.02253e+06
4.78852e+06
5.01761e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6


mFP201BSsim_FM103 large north
Entries 3363545
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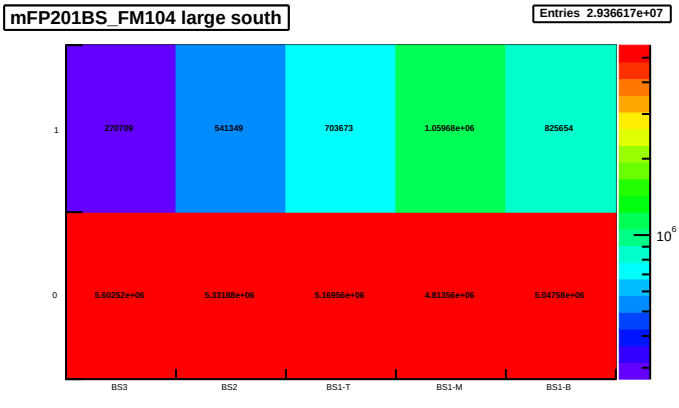
0
-1
37
1720
383330
2390
404037
640630
664061
122610
931853
212877
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1


mFP201BS_FM104 large south
Entries 2.936617e+07
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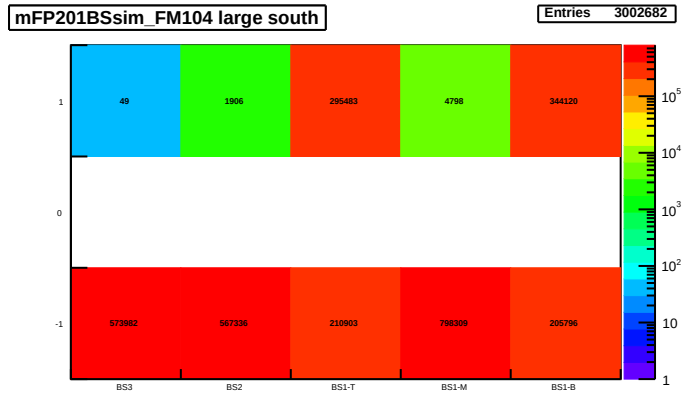
0
270709
541349
703673
1.05968e+06
825654
5.60252e+06
5.33188e+06
5.16956e+06
4.81356e+06
5.04758e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6


mFP201BSsim_FM104 large south
Entries 3002682
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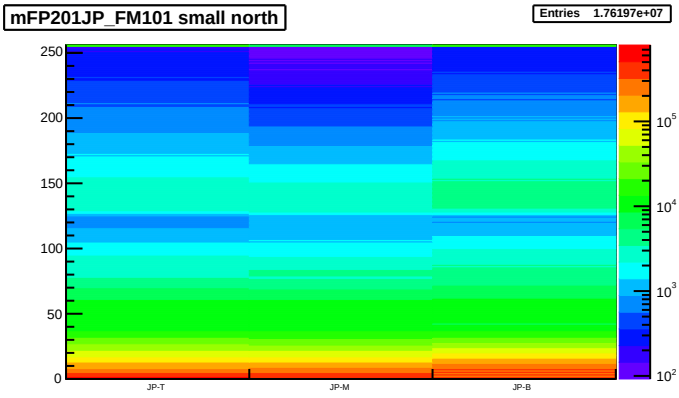
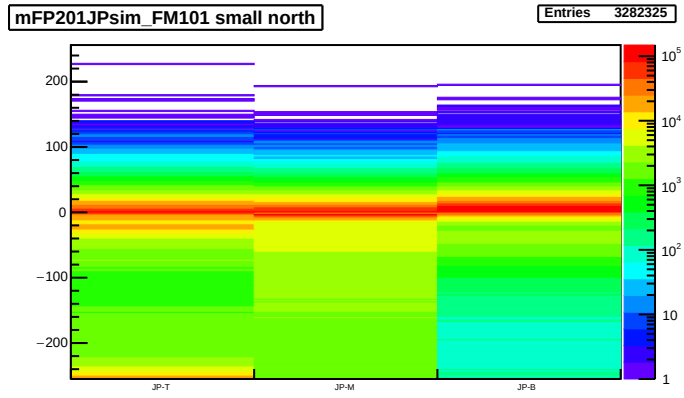
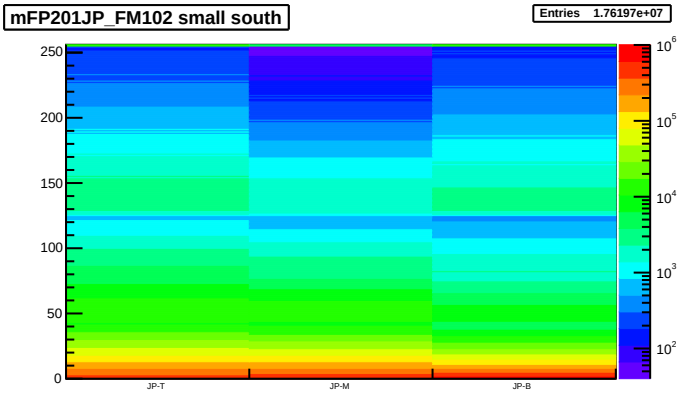
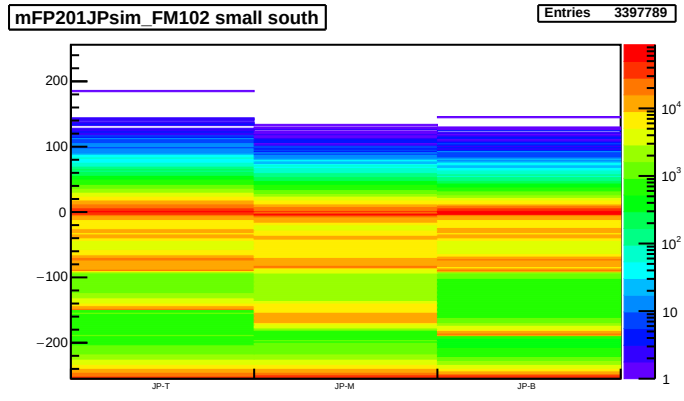
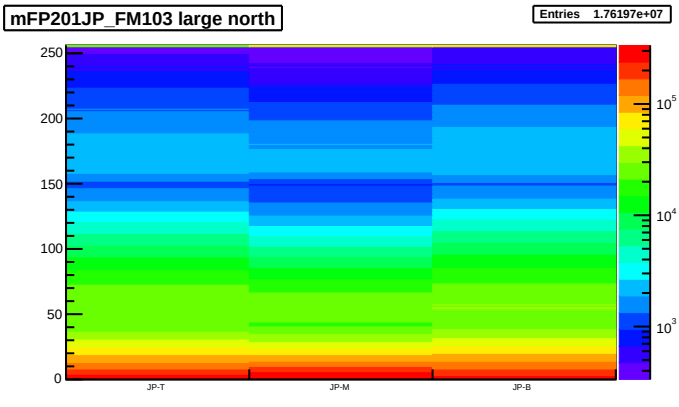
0
-1
49
1906
295483
4798
344120
573982
567336
210903
798309
205796
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

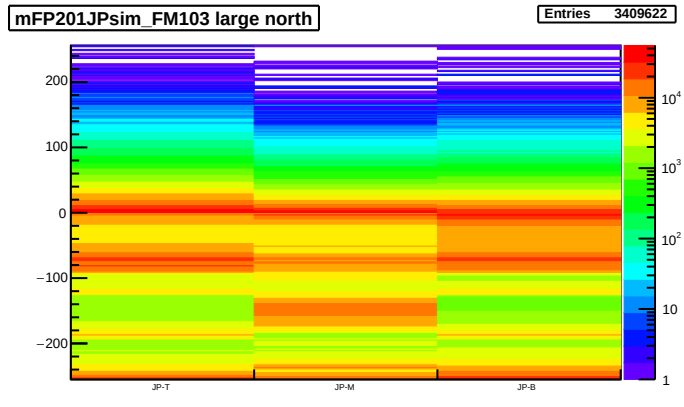

mFP201JP_FM101 small north
Entries 1.76197e+07
JP-T
JP-M
JP-B

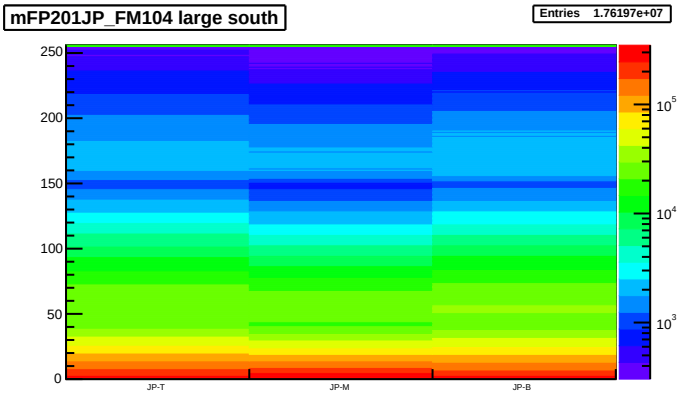

mFP201JPsim_FM101 small north
Entries 3282325
JP-T
JP-M
JP-B

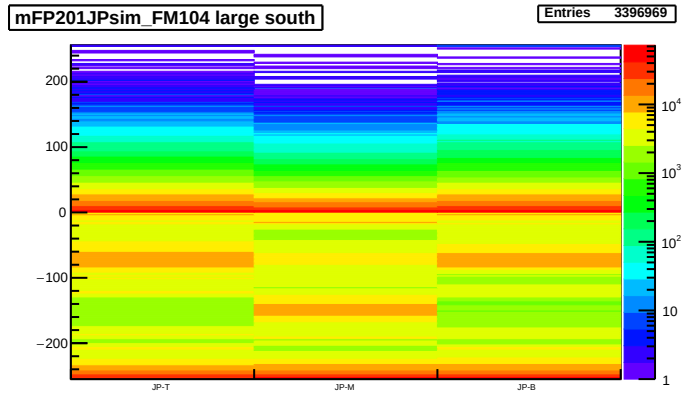

mFP201JP_FM102 small south
Entries 1.76197e+07
JP-T
JP-M
JP-B

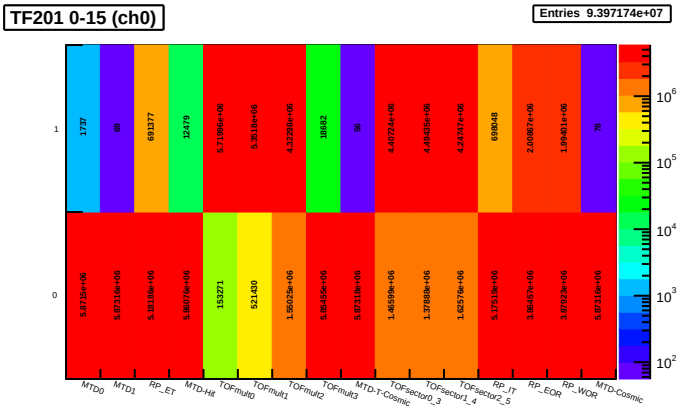

mFP201JPsim_FM102 small south
Entries 3397789
JP-T
JP-M
JP-B

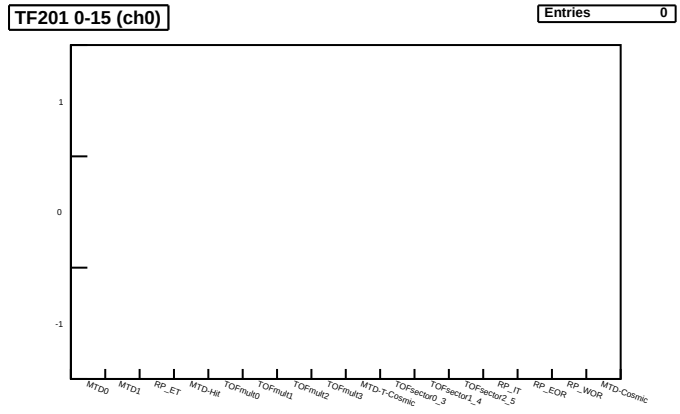

mFP201JP_FM103 large north
Entries 1.76197e+07
JP-T
JP-M
JP-B

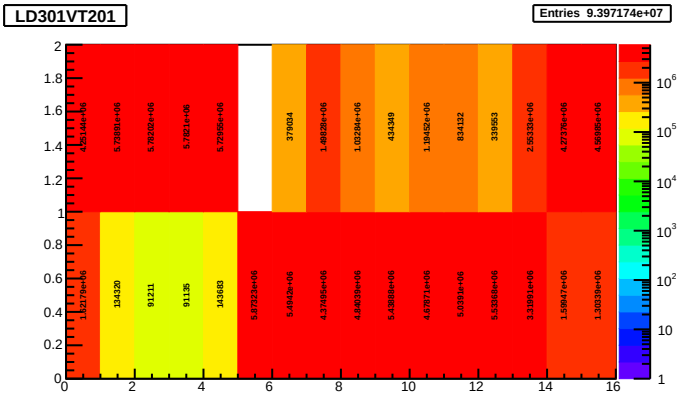

mFP201JPsim_FM103 large north
Entries 3409622
JP-T
JP-M
JP-B

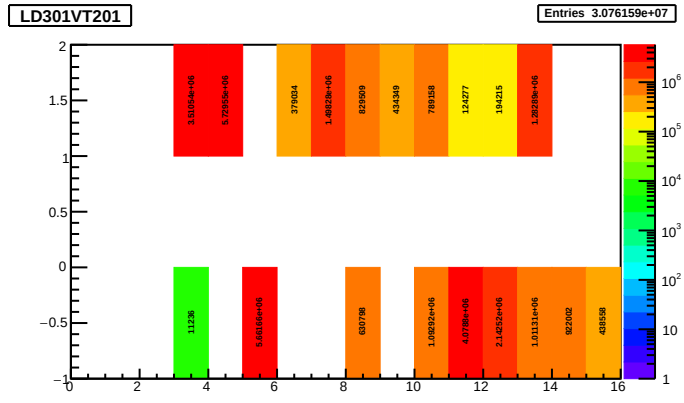

mFP201JP_FM104 large south
Entries 1.76197e+07
JP-T
JP-M
JP-B

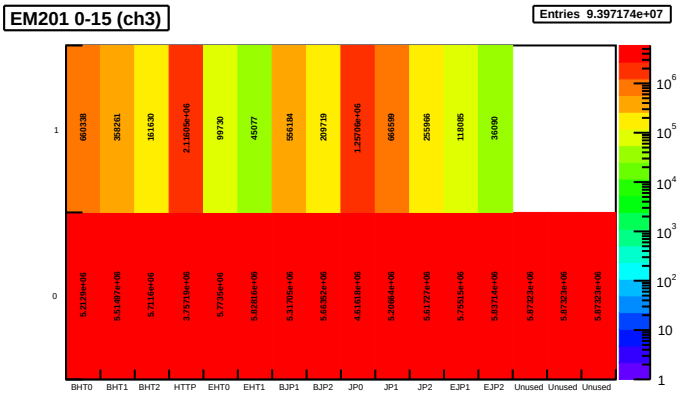

mFP201JPsim_FM104 large south
Entries 3396969
JP-T
JP-M
JP-B


TF201 0-15 (ch0)
Entries 9.397174e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic


TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic


LD301VT201
Entries 9.397174e+07


LD301VT201
Entries 3.076159e+07


EM201 0-15 (ch3)
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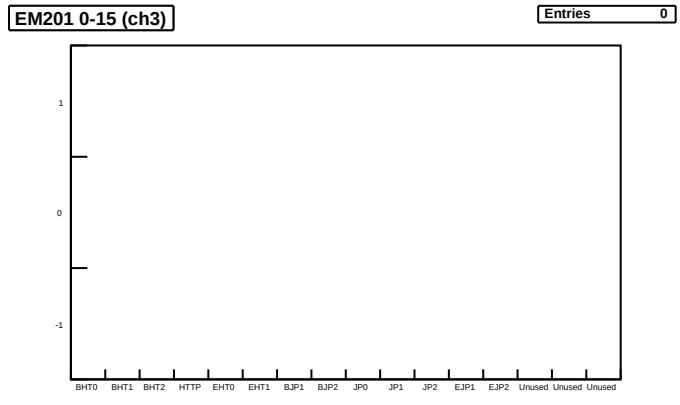
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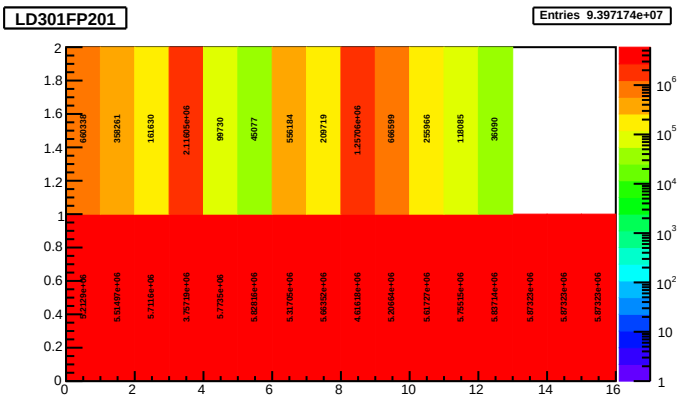
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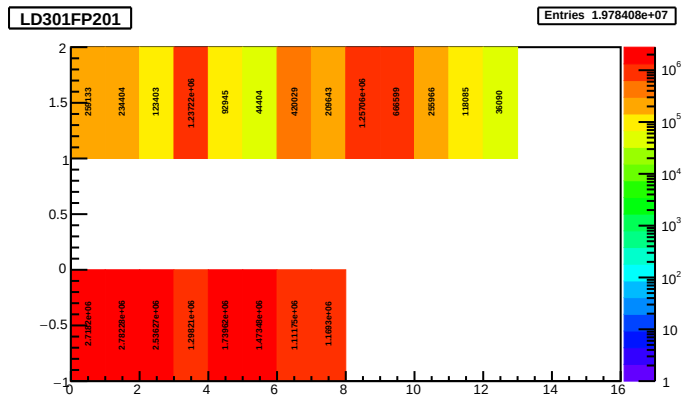
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