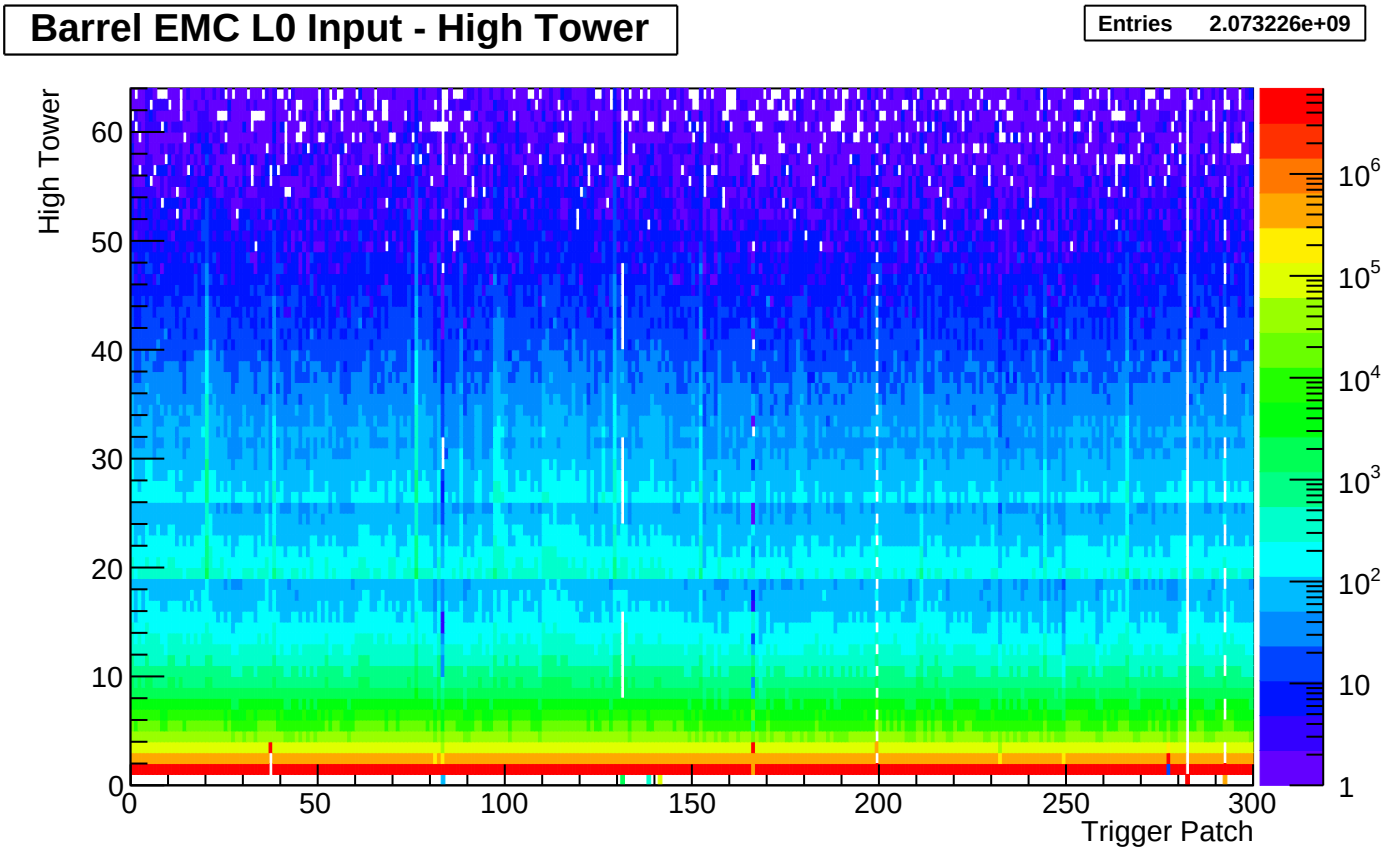
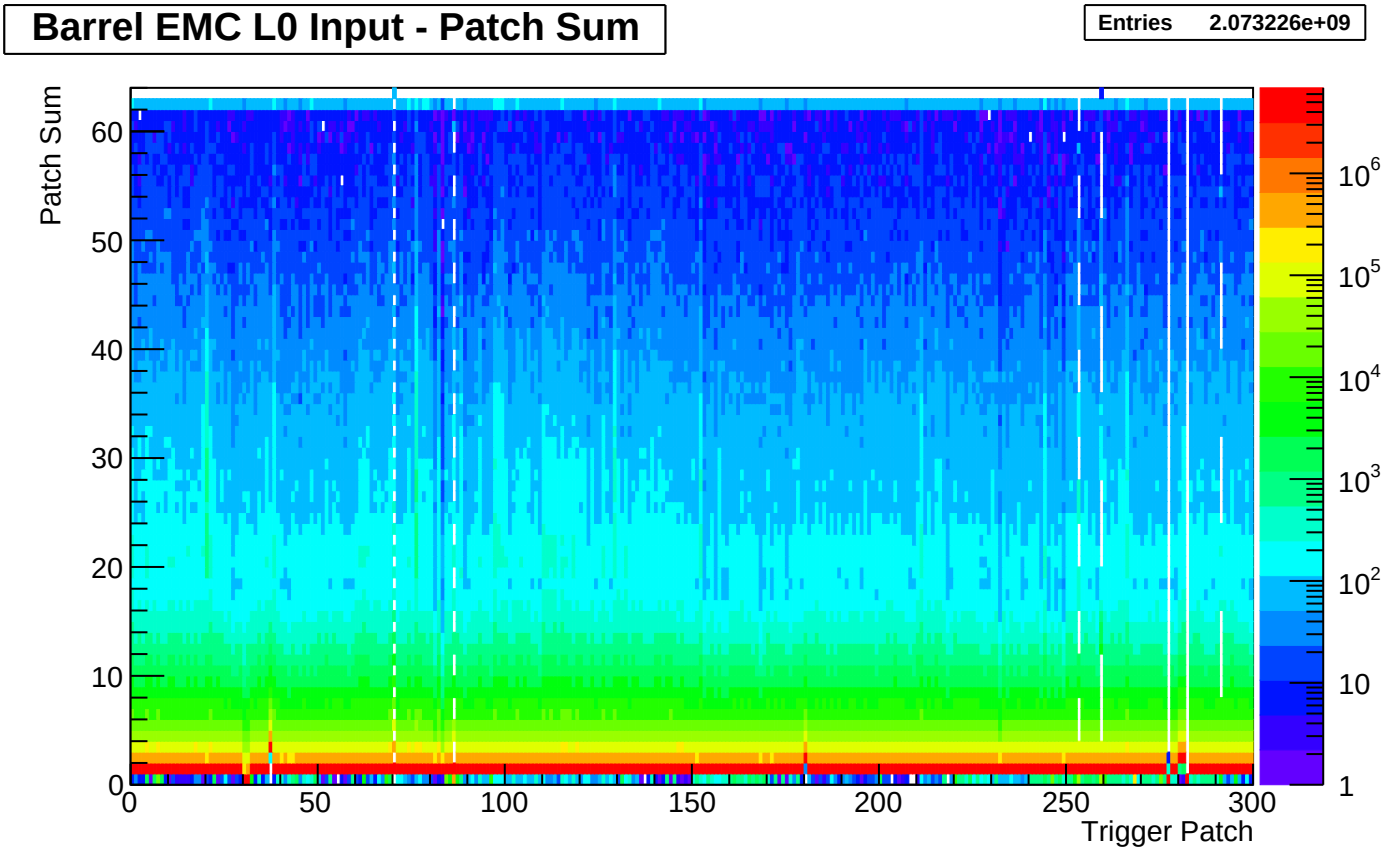
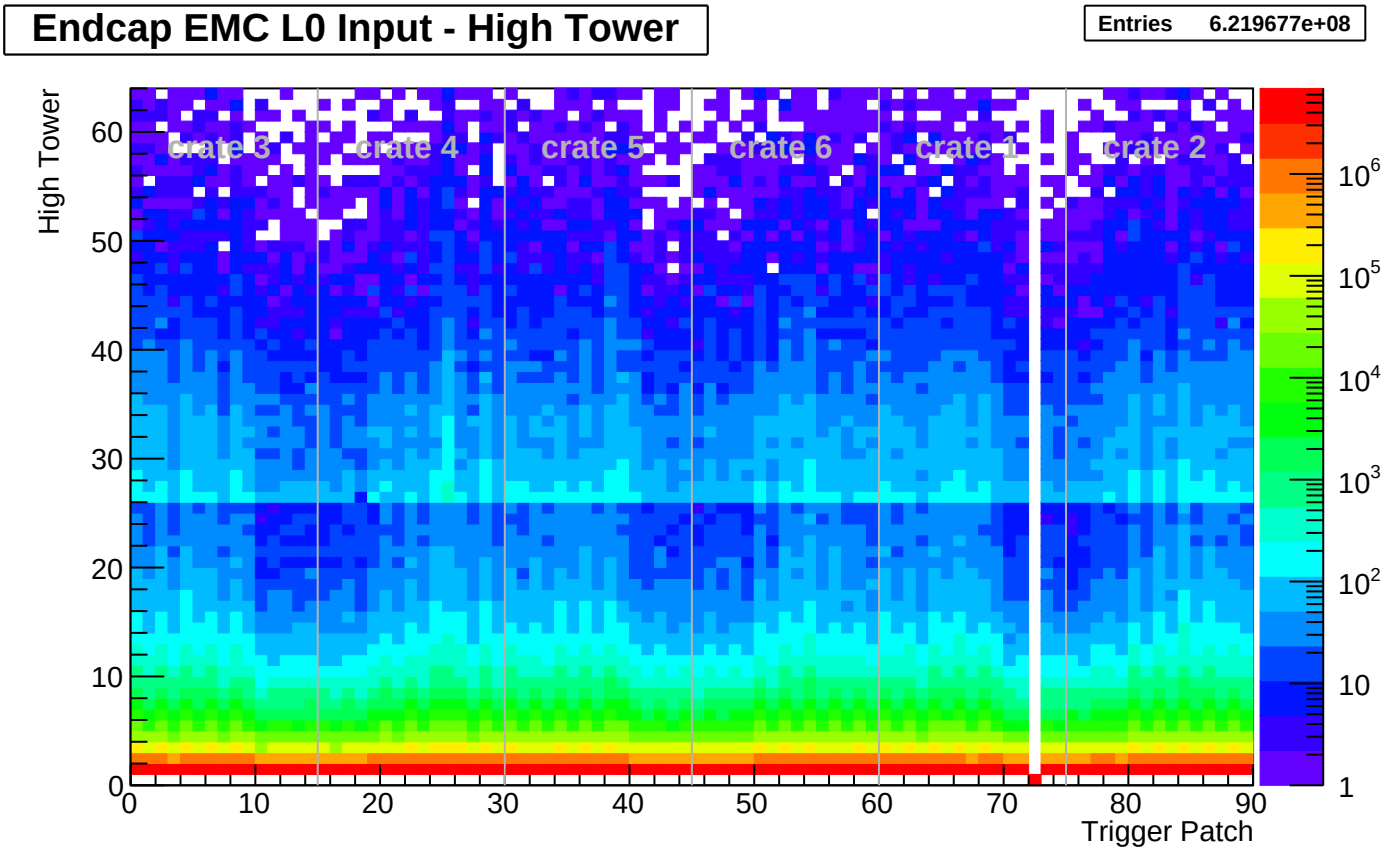
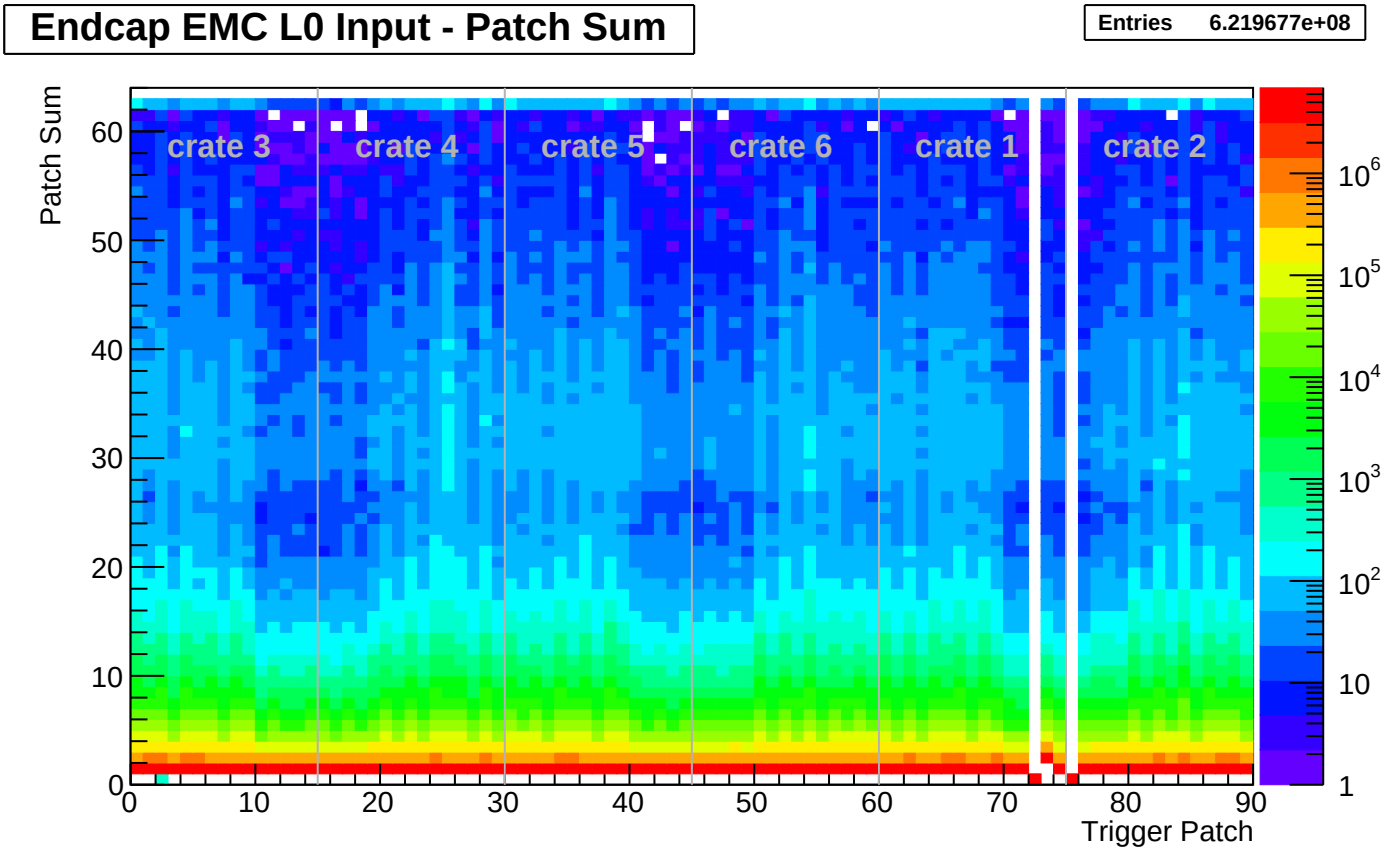
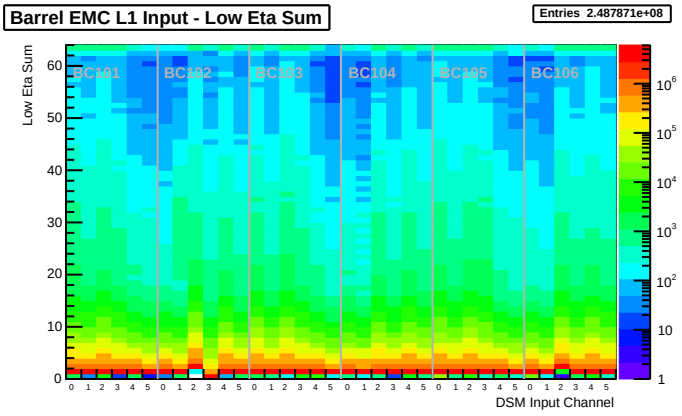
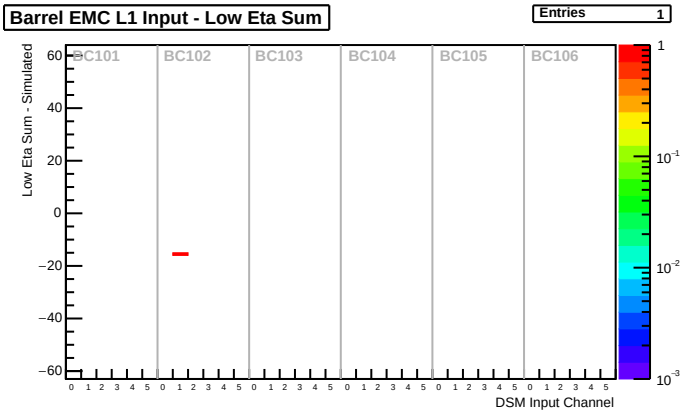

Barrel EMC L0 Input - High Tower
Entries 2.073226e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

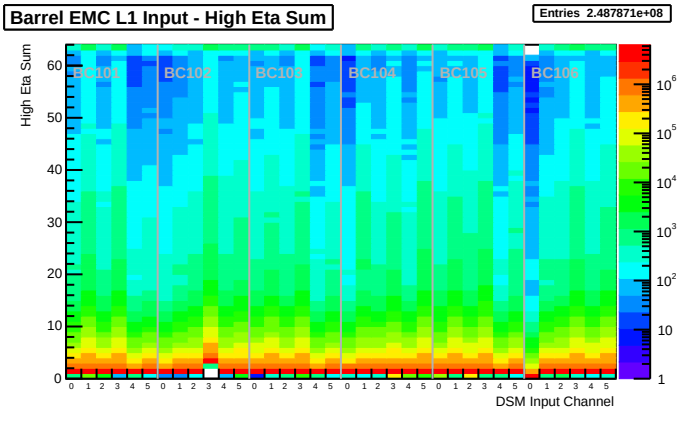

Barrel EMC L0 Input - Patch Sum
Entries 2.073226e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

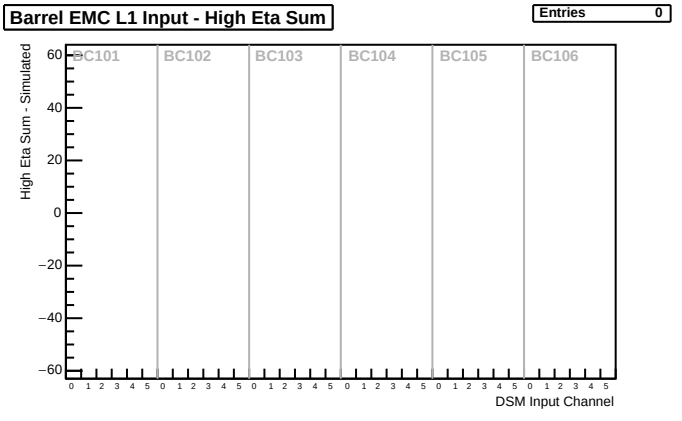

Endcap EMC L0 Input - High Tower
Entries 6.219677e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

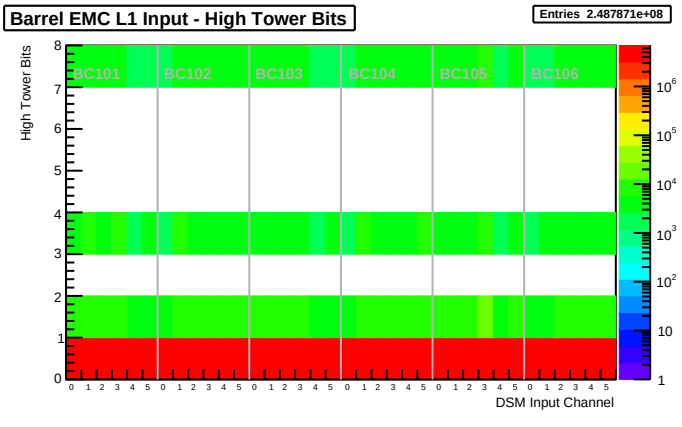

Endcap EMC L0 Input - Patch Sum
Entries 6.219677e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

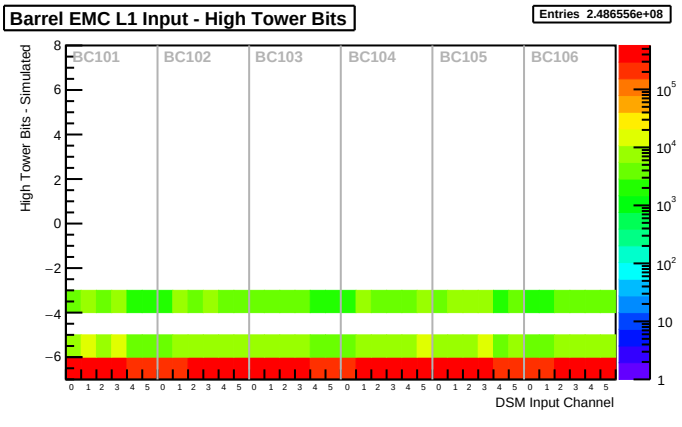

Barrel EMC L1 Input - Low Eta Sum
Entries 2.487871e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

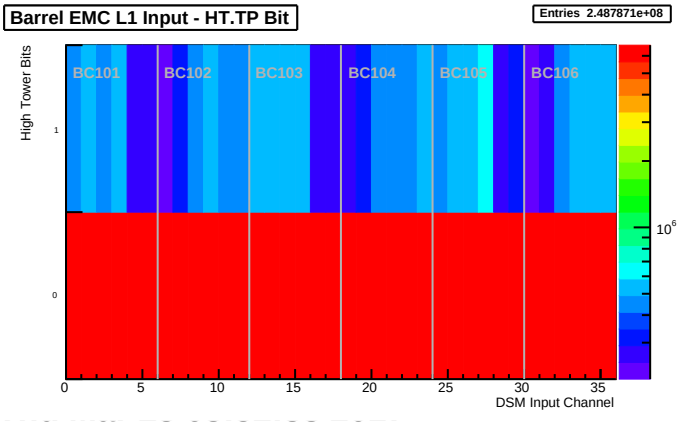

Barrel EMC L1 Input - Low Eta Sum
Entries 1
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

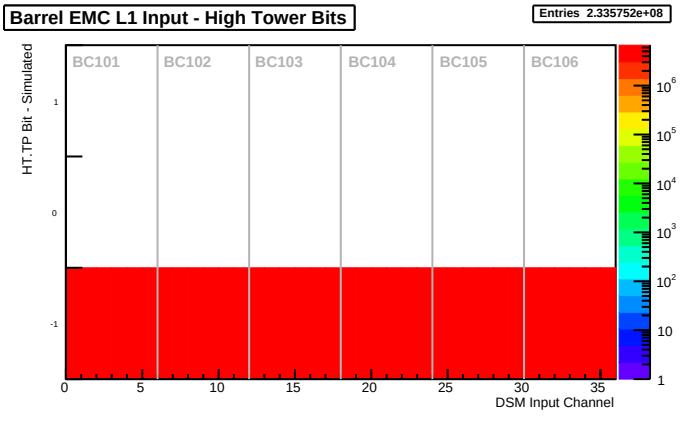

Barrel EMC L1 Input - High Eta Sum
Entries 2.487871e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

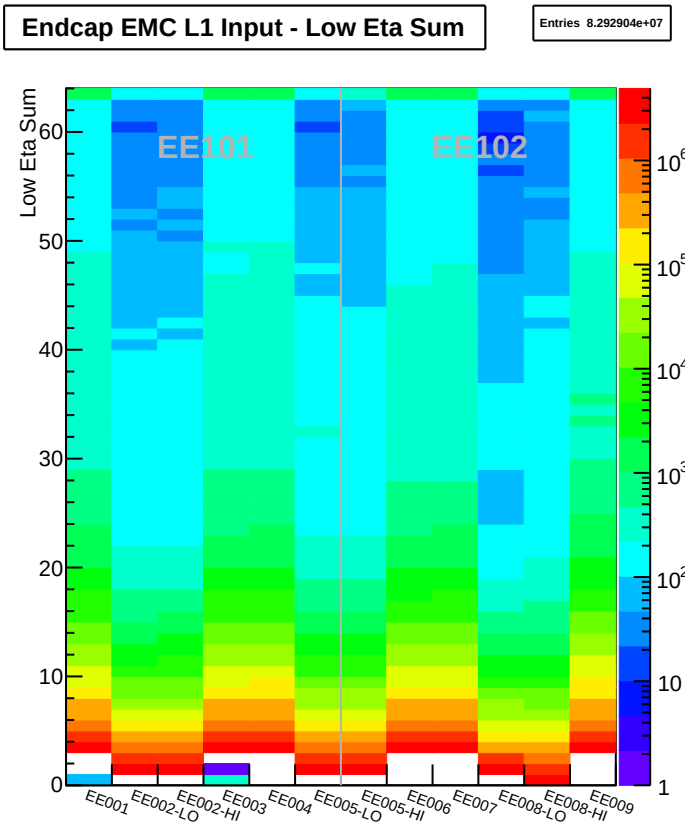

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

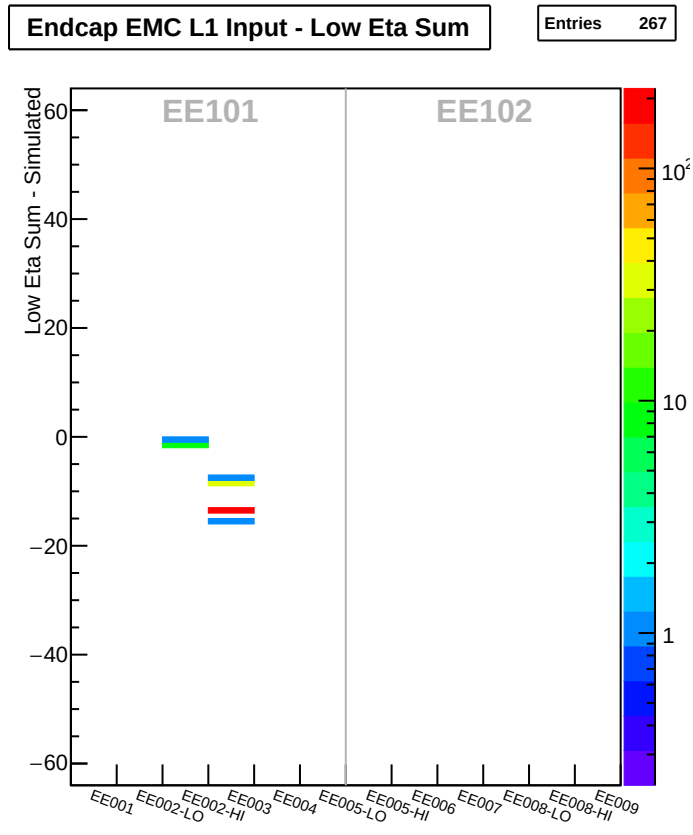

Barrel EMC L1 Input - High Tower Bits
Entries 2.487871e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

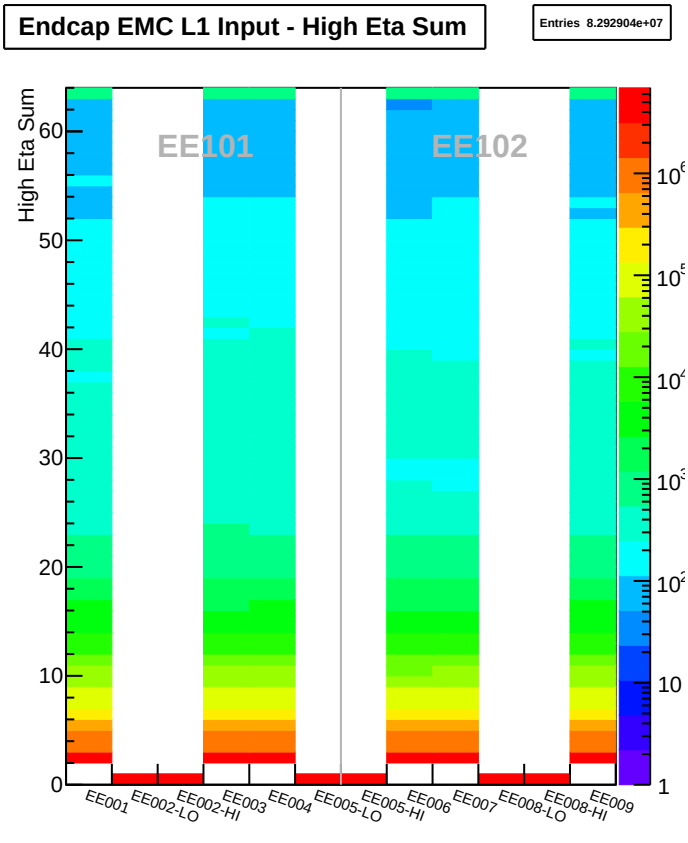

Barrel EMC L1 Input - High Tower Bits
Entries 2.486556e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

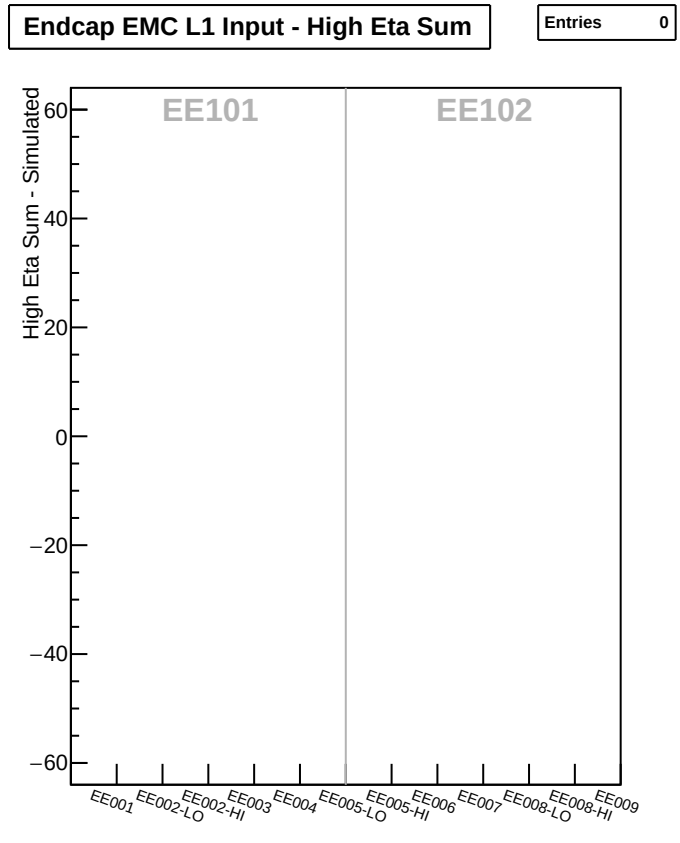

Barrel EMC L1 Input - HT.TP Bit
Entries 2.487871e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel


Barrel EMC L1 Input - High Tower Bits
Entries 2.335752e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

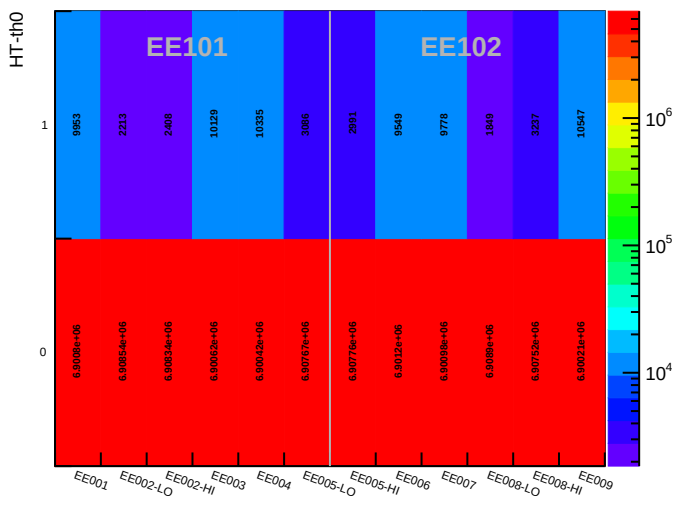

Endcap EMC L1 Input - Low Eta Sum
Entries 8.292904e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009


Endcap EMC L1 Input - Low Eta Sum
Entries 267
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

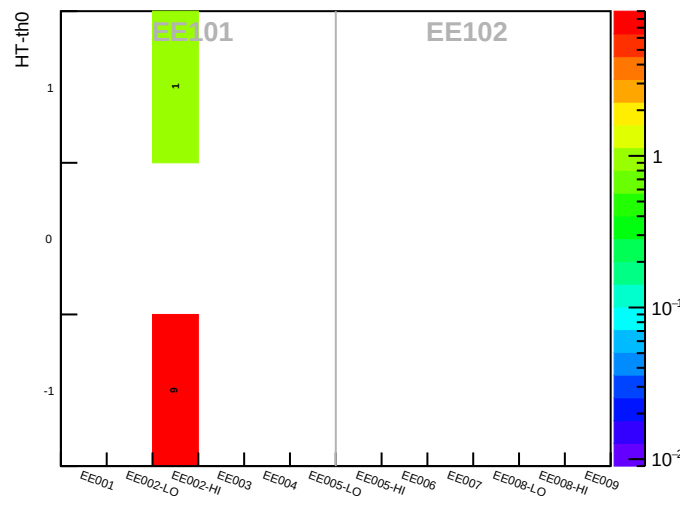

Endcap EMC L1 Input - High Eta Sum
Entries 8.292904e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009


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

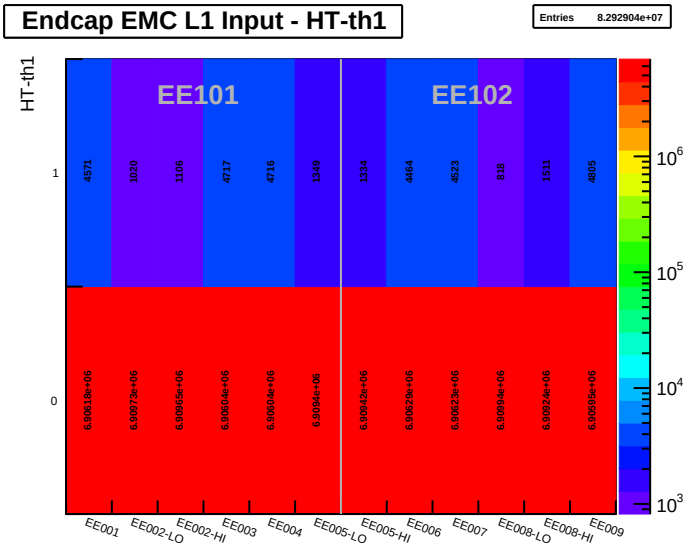
Endcap EMC L1 Input - HT-th0



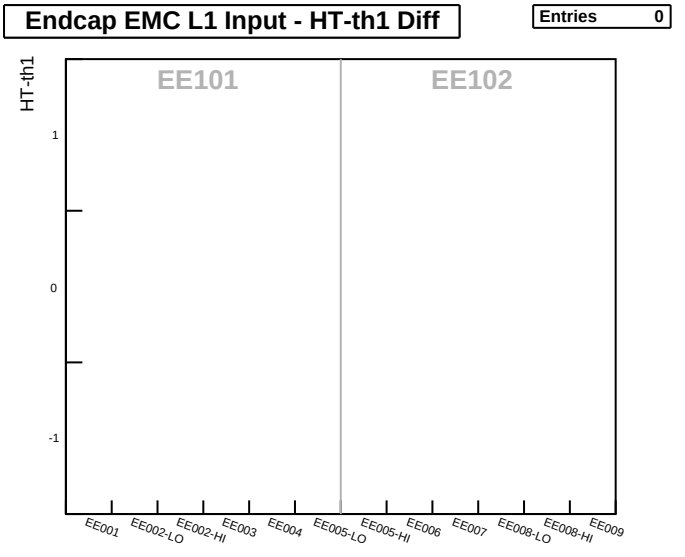
Endcap EMC L1 Input - HT-th0 Diff



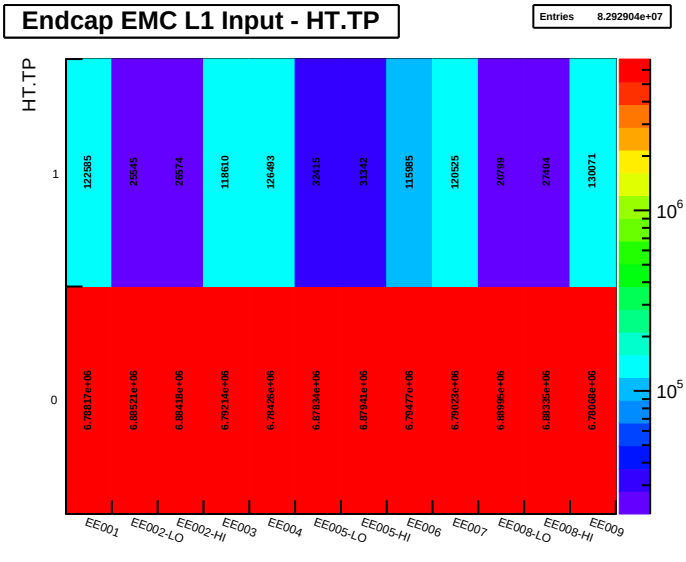
Endcap EMC L1 Input - HT-th1



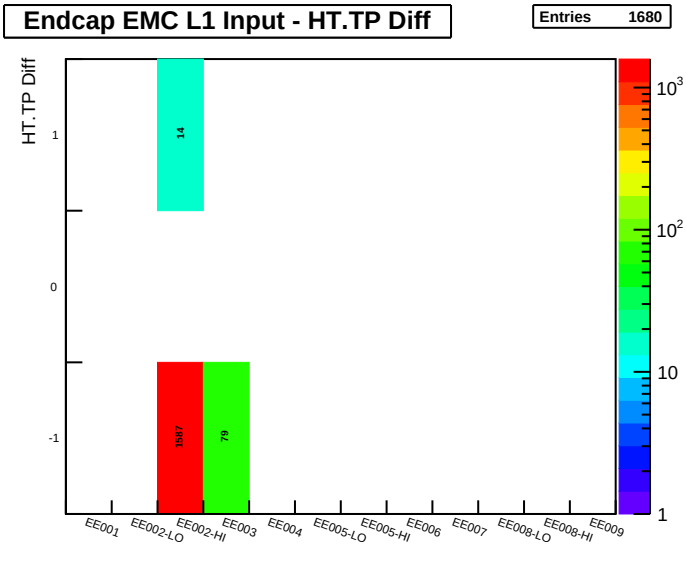
Endcap EMC L1 Input - HT-th1 Diff

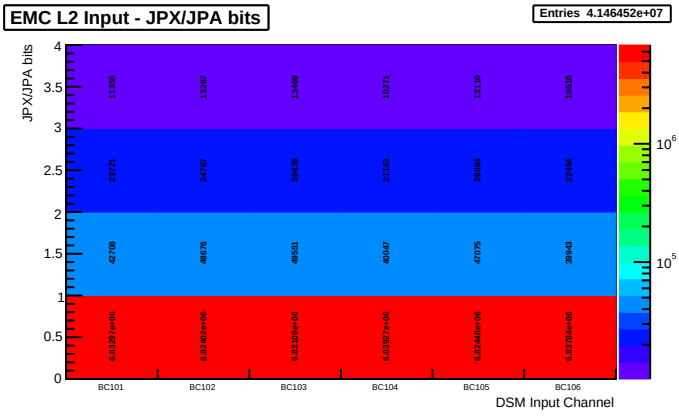


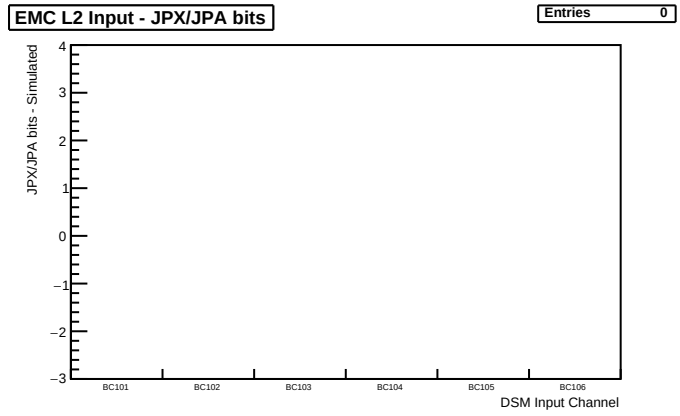
Endcap EMC L1 Input - HT.TP

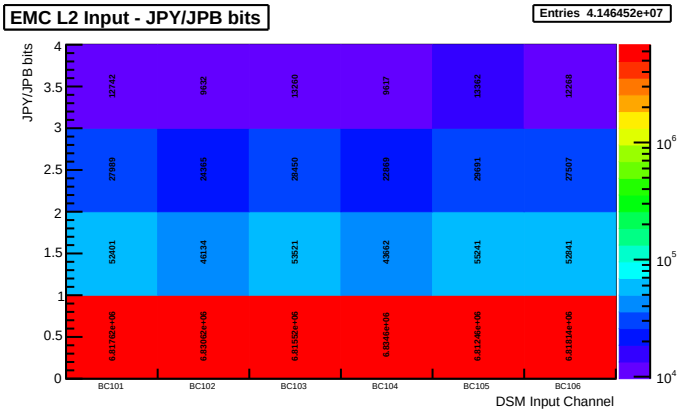


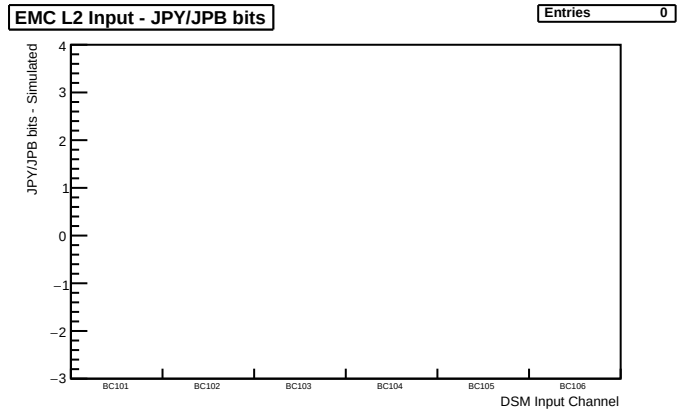
Endcap EMC L1 Input - HT.TP Diff

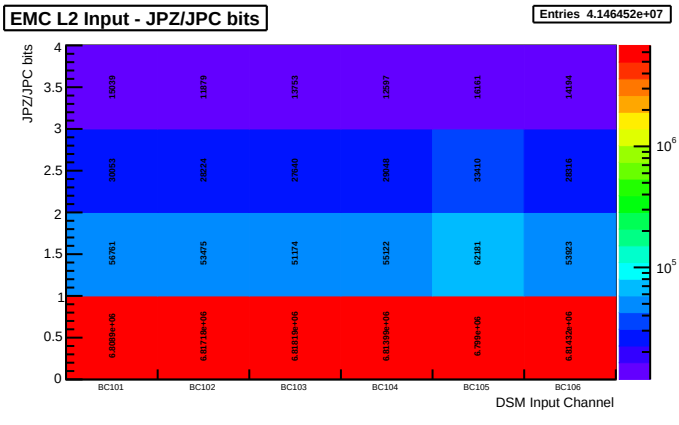


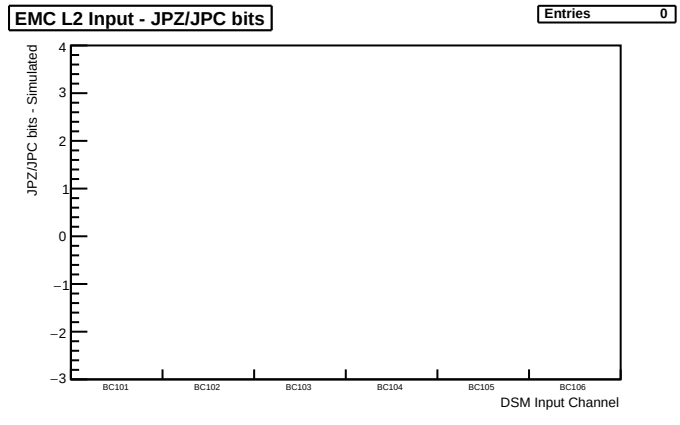

EMC L2 Input - JPX/JPA bits
Entries 4.146452e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
11330
13297
13469
10271
13110
10510
23721
24757
26638
21163
26094
22456
42708
48676
49951
40047
47075
39943
6.83297e+06
6.82402e+06
6.82109e+06
6.83397e+06
6.82448e+06
6.83784e+06

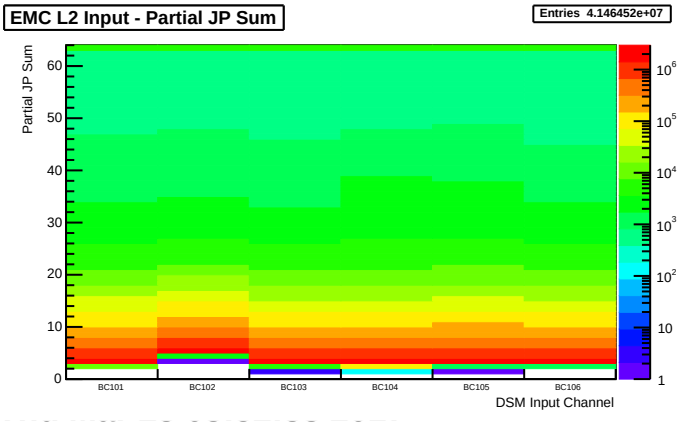

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

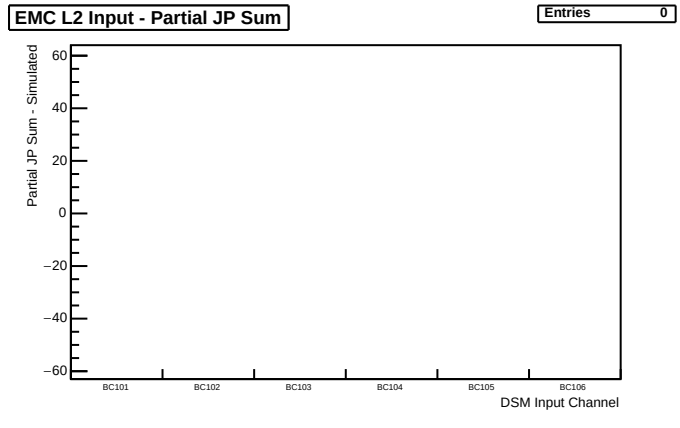

EMC L2 Input - JPY/JPB bits
Entries 4.146452e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
12742
9532
13260
9517
13862
12268
27989
24365
29450
22869
29691
27507
52401
46134
53521
43642
55241
52841
6.81762e+06
6.83062e+06
6.81552e+06
6.8346e+06
6.81245e+06
6.81814e+06

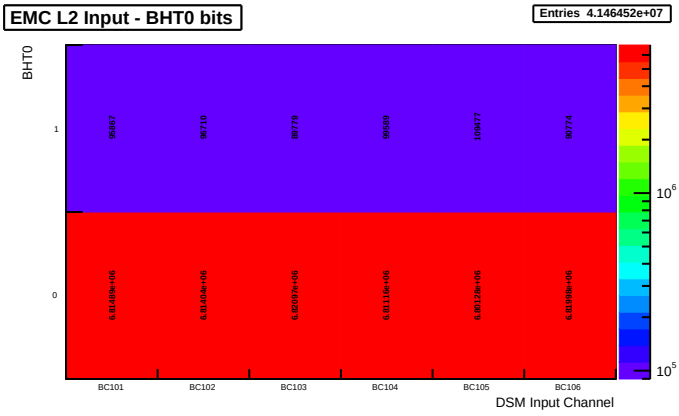

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

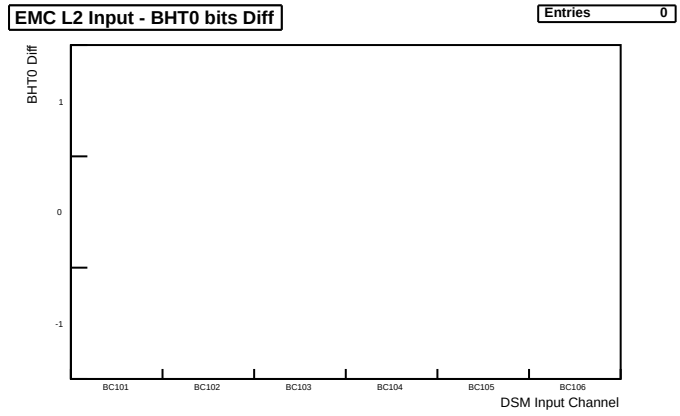

EMC L2 Input - JPZ/JPC bits
Entries 4.146452e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
15039
13879
13753
12597
16161
14104
30053
28224
27940
29948
33910
28316
56761
53475
51174
55122
62181
53923
6.80839e+06
6.81710e+06
6.81619e+06
6.81399e+06
6.79e+06
6.81432e+06

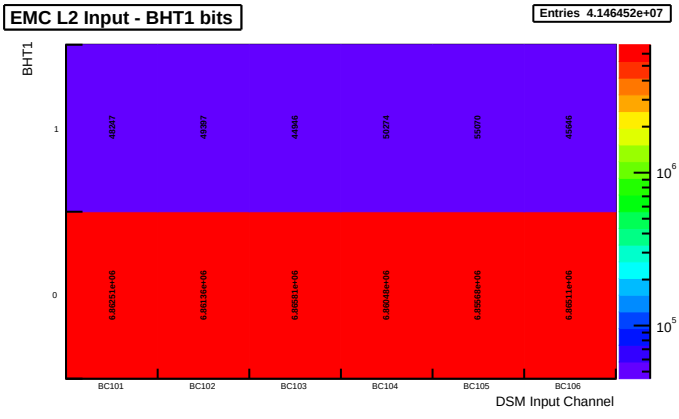

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

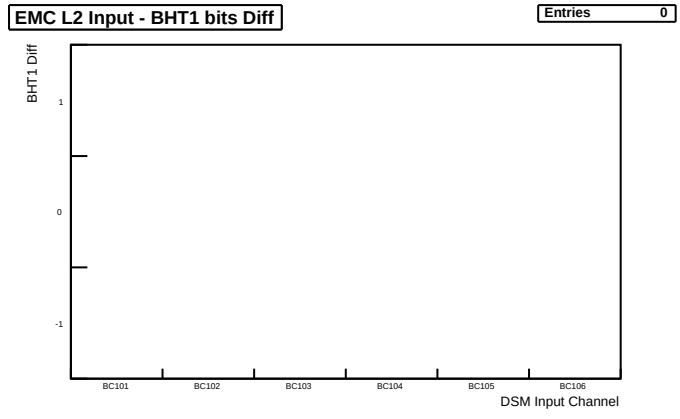

EMC L2 Input - Partial JP Sum
Entries 4.146452e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

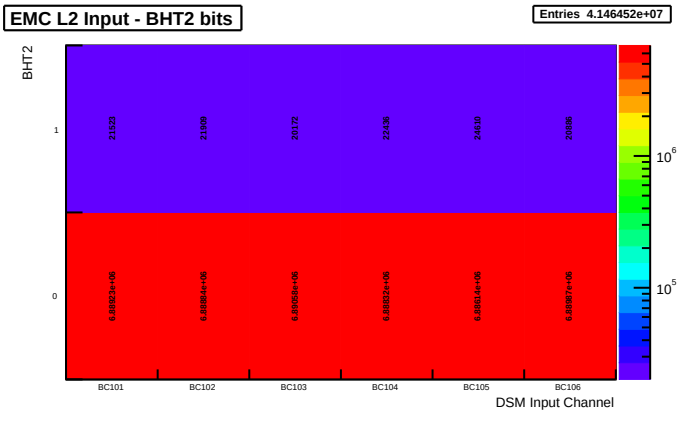

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

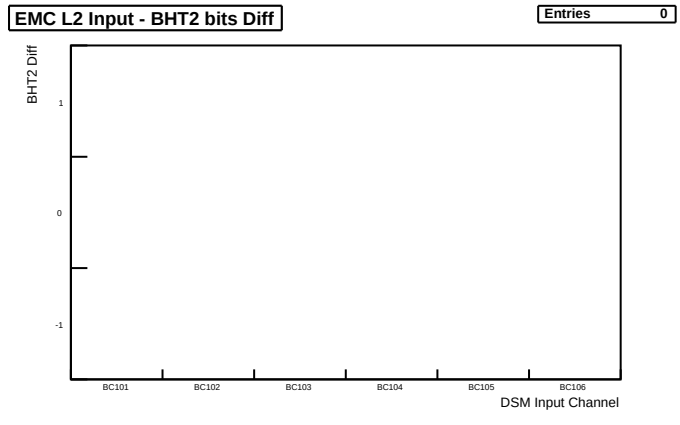

EMC L2 Input - BHT0 bits
Entries 4.146452e+07
BHT0
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

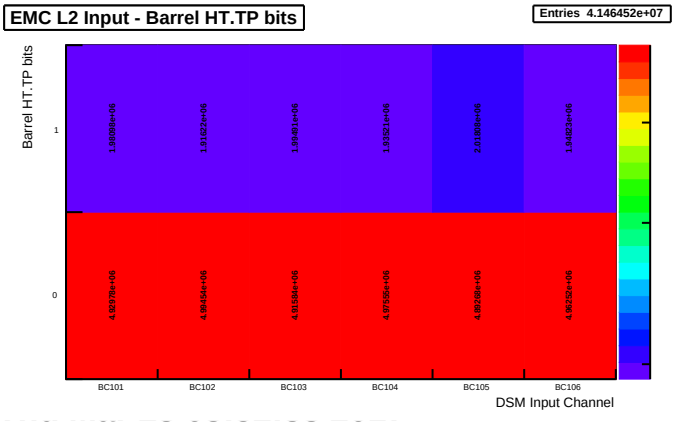

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

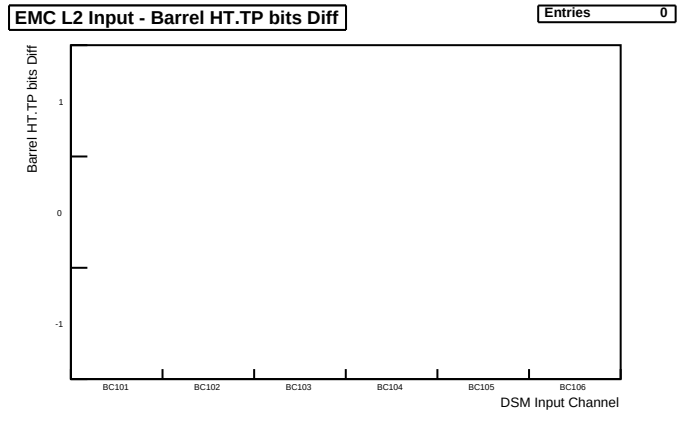

EMC L2 Input - BHT1 bits
Entries 4.146452e+07
BHT1
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

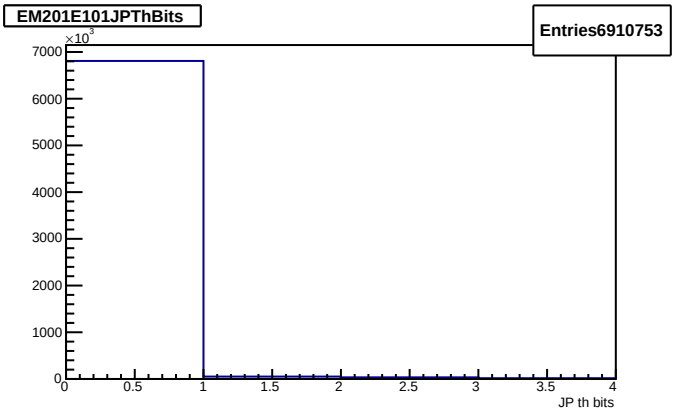

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

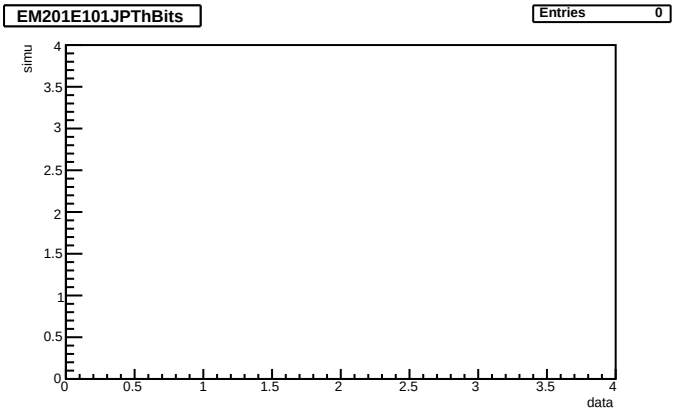

EMC L2 Input - BHT2 bits
Entries 4.146452e+07
BHT2
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

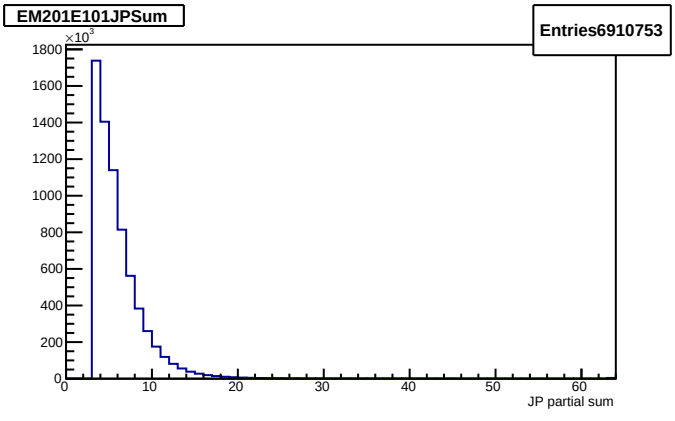

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

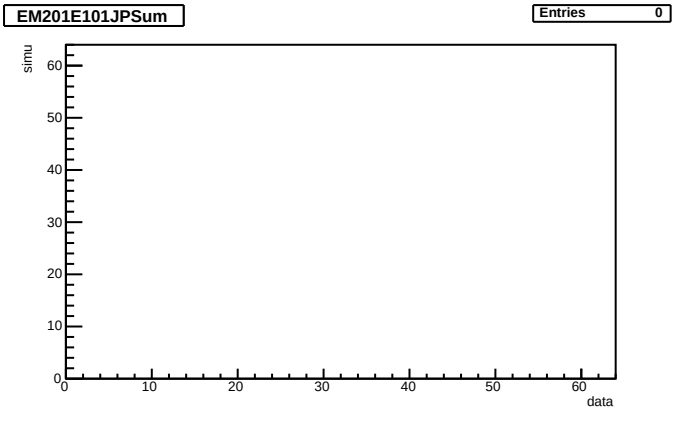

EMC L2 Input - Barrel HT.TP bits
Entries 4.146452e+07
Barrel HT.TP bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

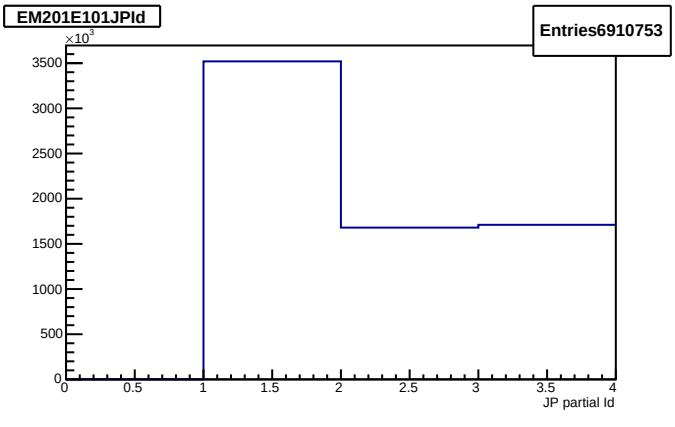

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

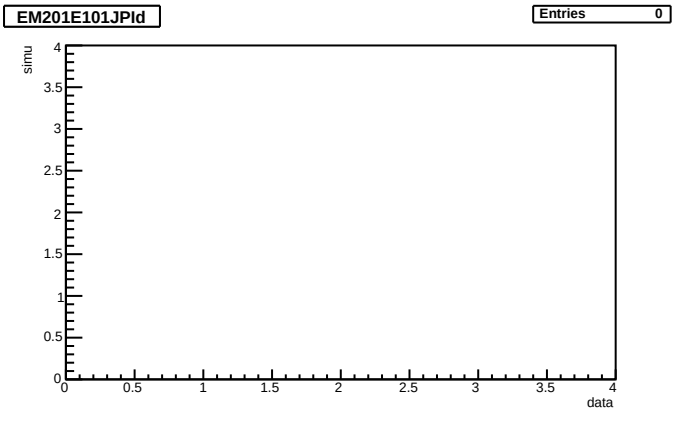

EM201E101JPThBits
Entries6910753
×10^3
JP th bits

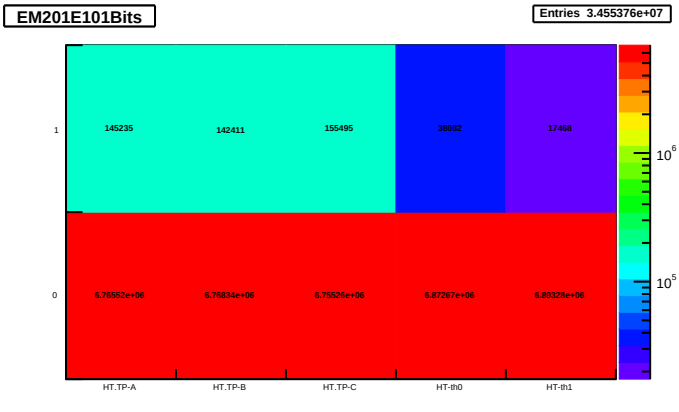

EM201E101JPThBits
Entries 0
simu
data

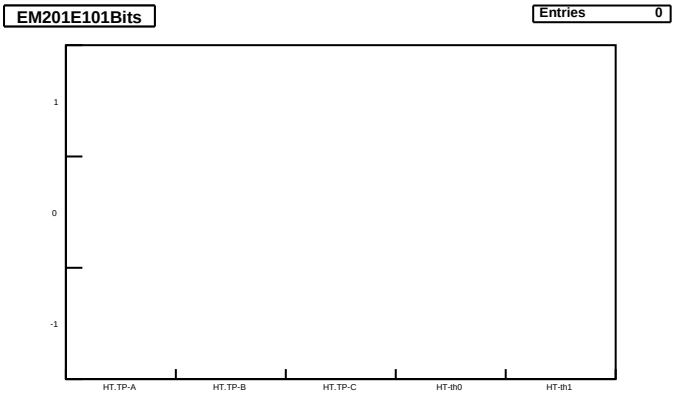

EM201E101JPSum
Entries6910753
×10^3
JP partial sum

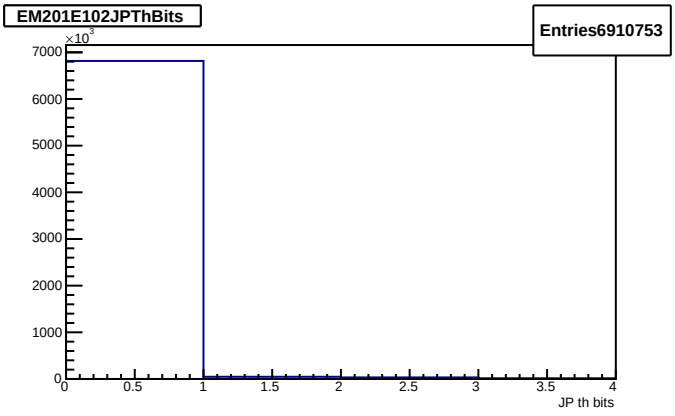

EM201E101JPSum
Entries 0
simu
data

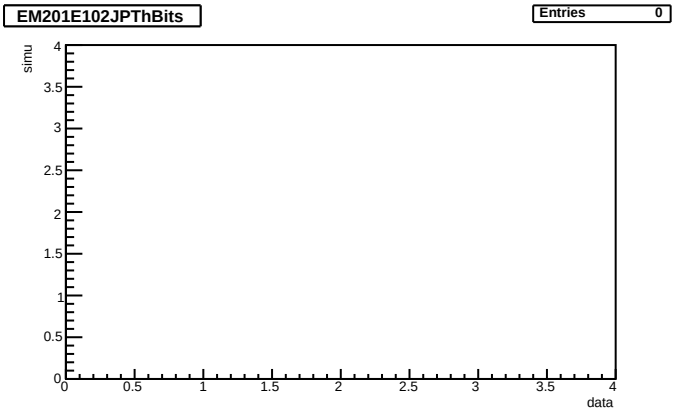

EM201E101JPId
Entries6910753
×10^3
JP partial Id

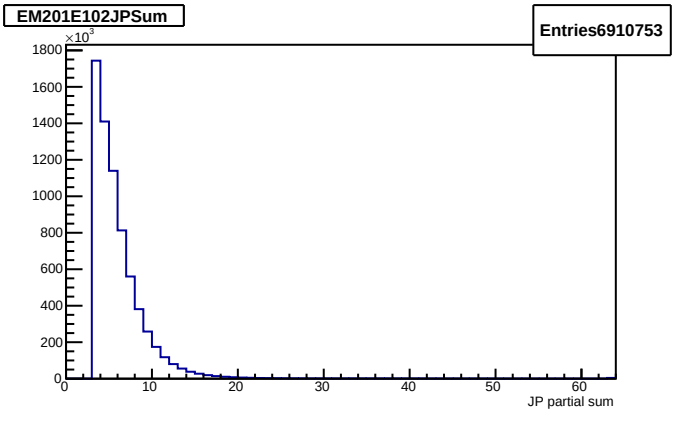

EM201E101JPId
Entries 0
simu
data

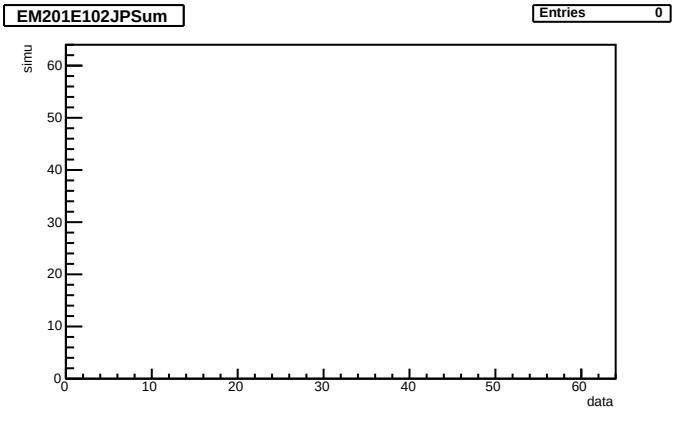

EM201E101Bits
Entries 3.455376e+07
145235
142411
155495
30082
17468
6.76552e+06
6.76834e+06
6.75526e+06
6.87267e+06
6.89328e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

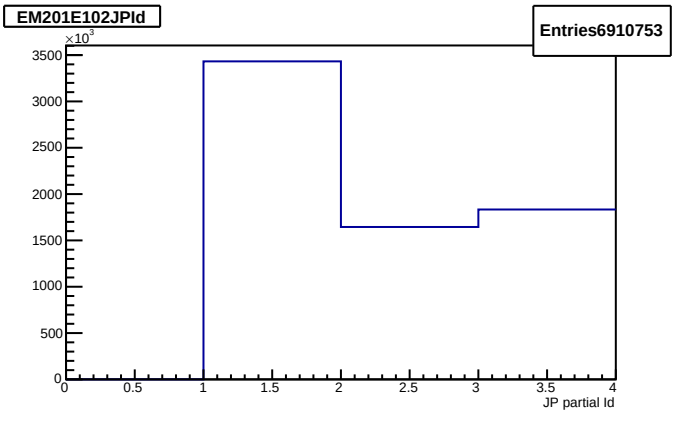

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

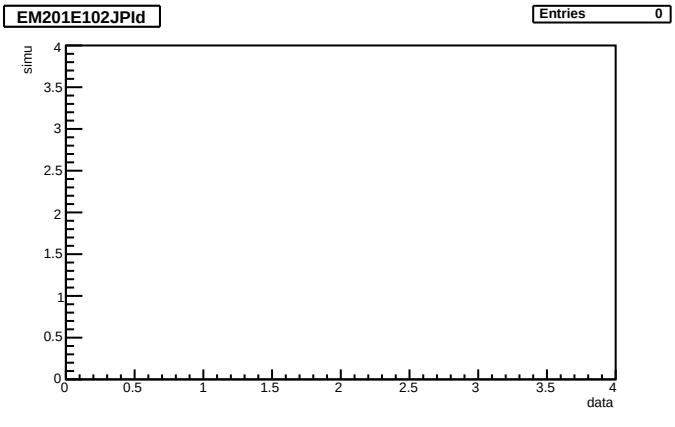

EM201E102JPThBits
Entries6910753
×10^3
JP th bits

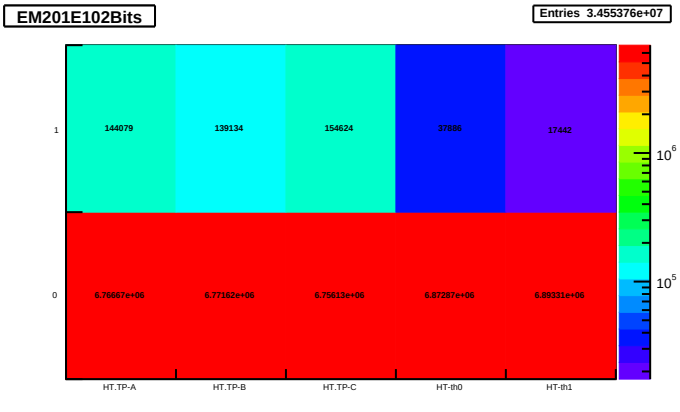

EM201E102JPThBits
Entries 0
simu
data

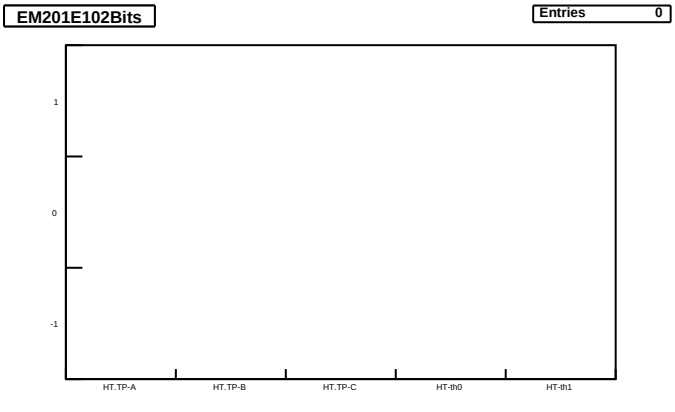

EM201E102JPSum
Entries6910753
×10^3
JP partial sum

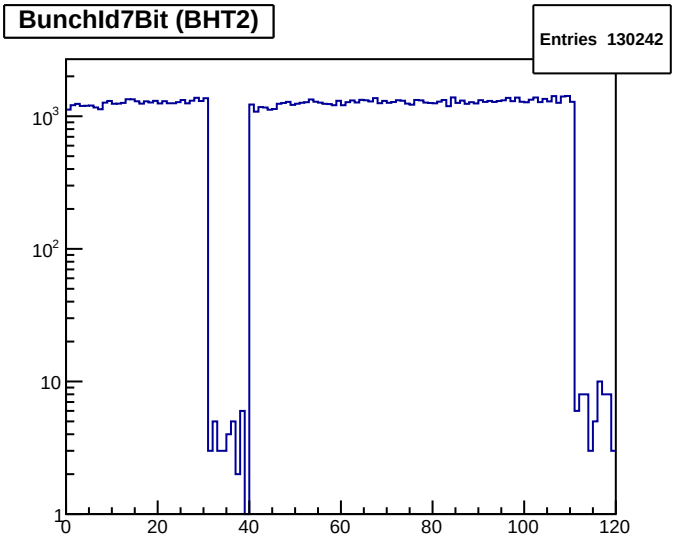

EM201E102JPSum
Entries 0
simu
data

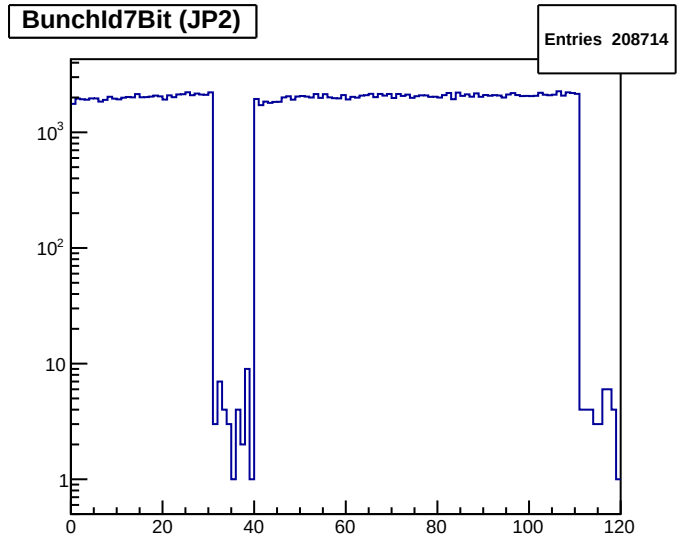

EM201E102JPId
Entries6910753
×10^3
JP partial Id

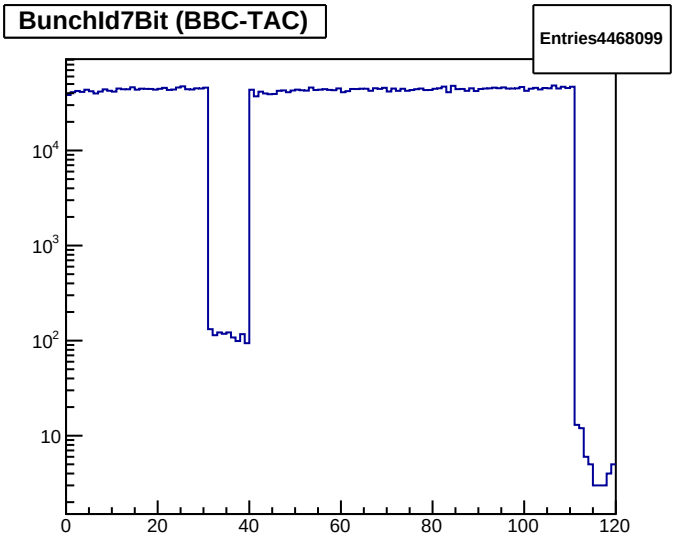

EM201E102JPId
Entries 0
simu
data

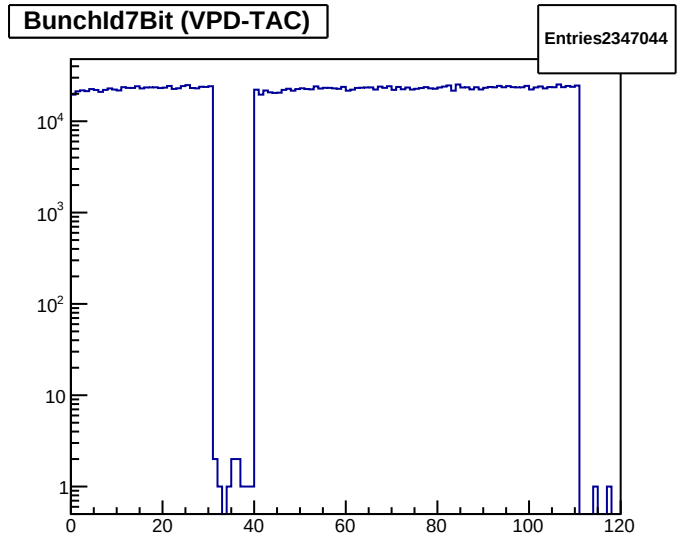

EM201E102Bits
Entries 3.455376e+07
144079
139134
154624
37886
17442
6.76667e+06
6.77162e+06
6.75613e+06
6.87287e+06
6.89331e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

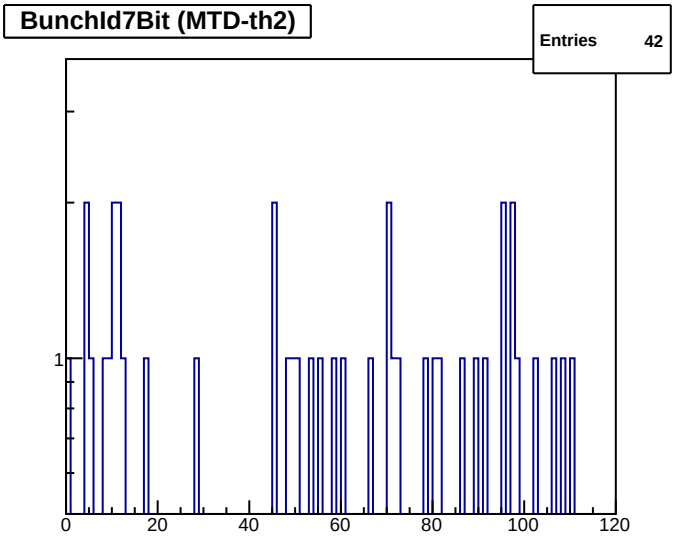

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

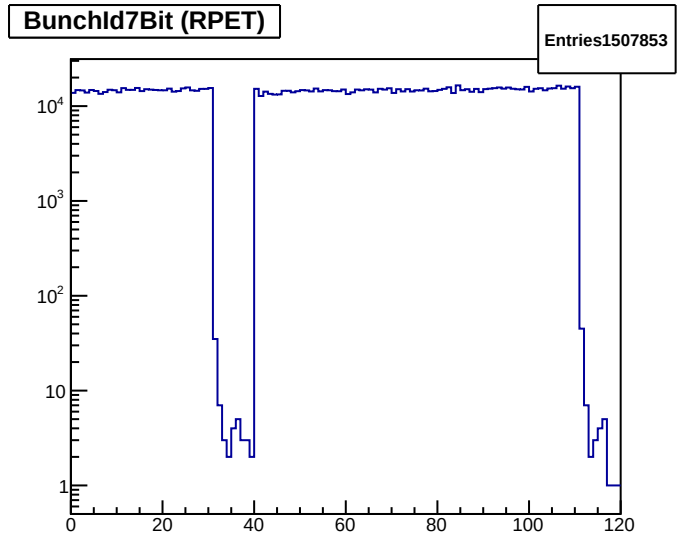

BunchId7Bit (BHT2)
Entries 130242

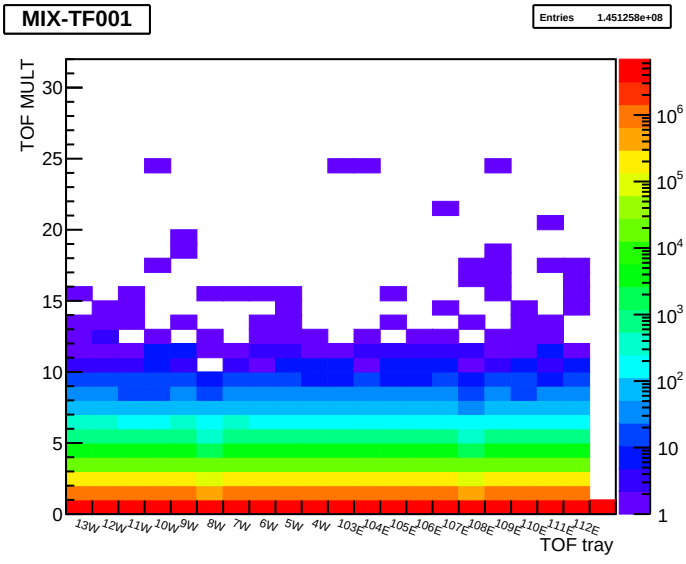

BunchId7Bit (JP2)
Entries 208714

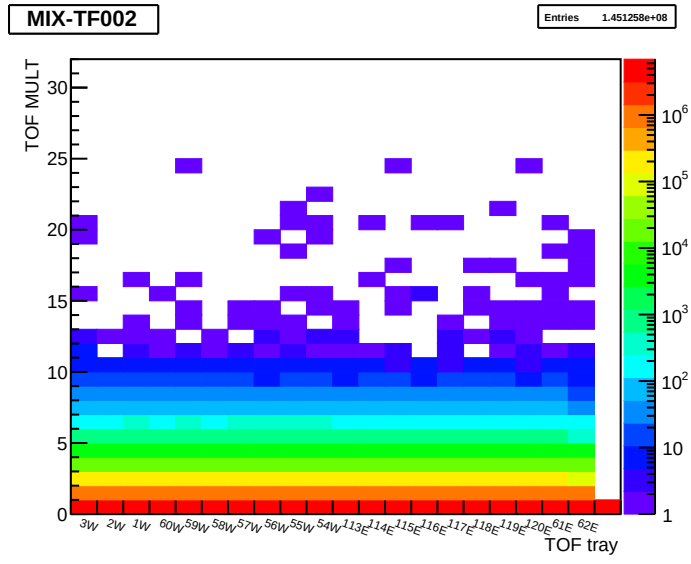

BunchId7Bit (BBC-TAC)
Entries4468099

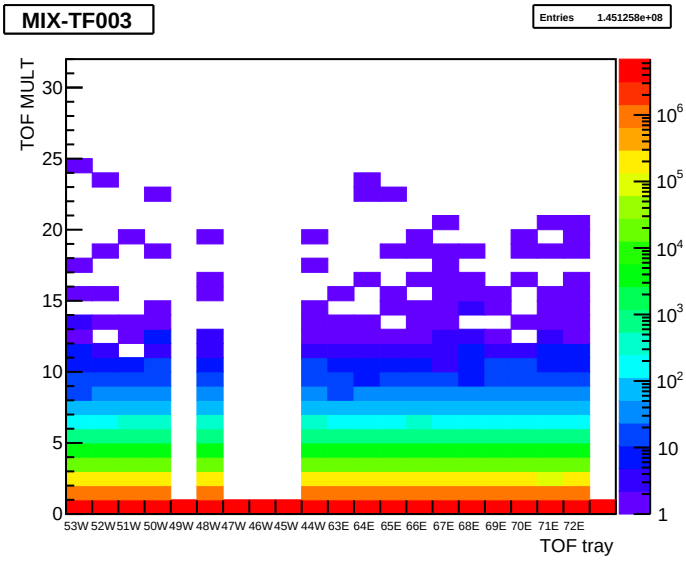

BunchId7Bit (VPD-TAC)
Entries2347044

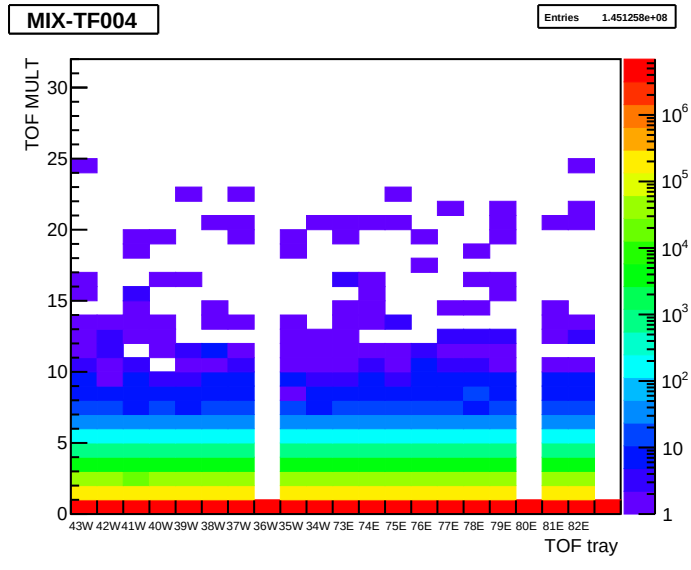

BunchId7Bit (MTD-th2)
Entries 42

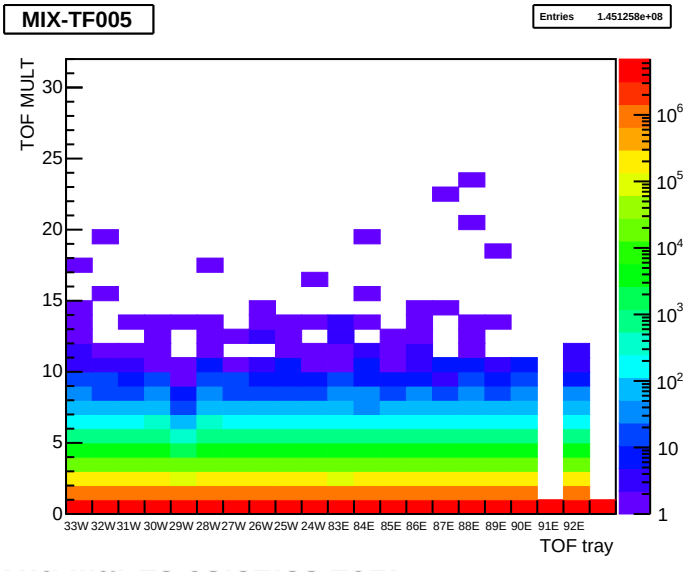

BunchId7Bit (RPET)
Entries1507853

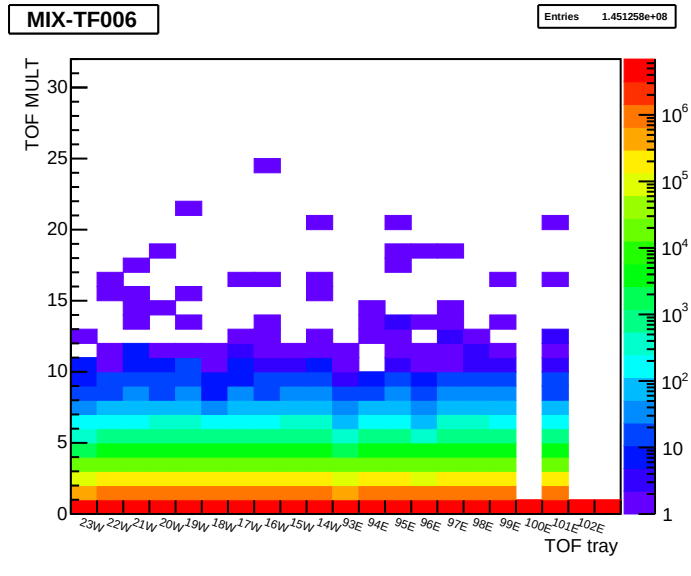

MIX-TF001
Entries 1.451258e+08
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

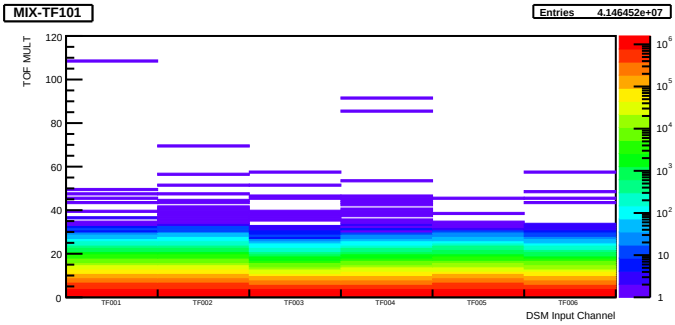

MIX-TF002
Entries 1.451258e+08
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

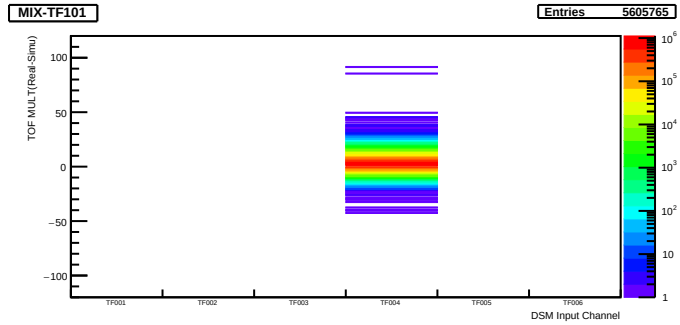

MIX-TF003
Entries 1.451258e+08
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

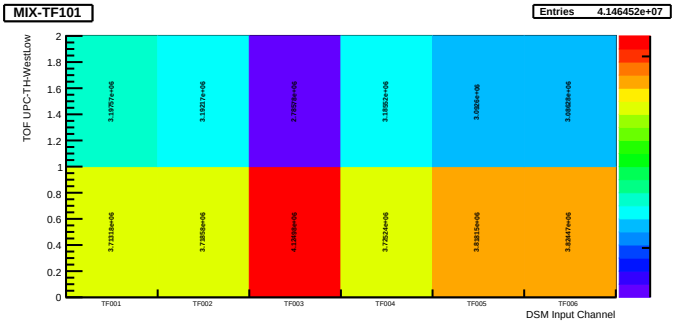

MIX-TF004
Entries 1.451258e+08
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

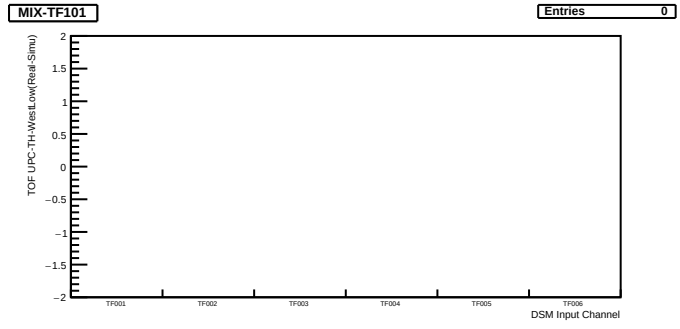

MIX-TF005
Entries 1.451258e+08
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

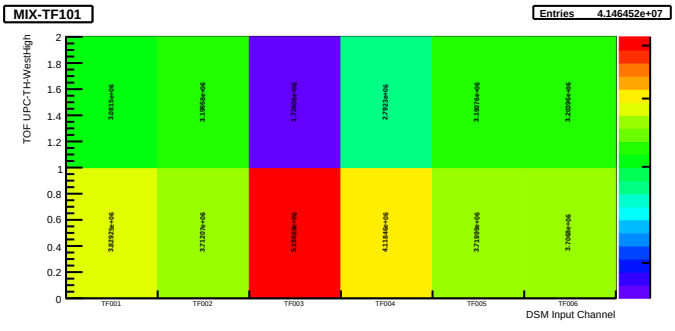

MIX-TF006
Entries 1.451258e+08
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

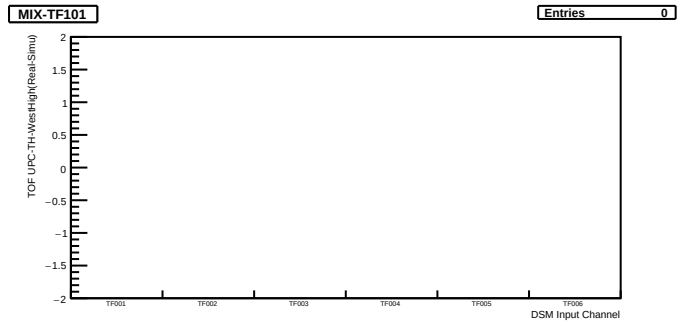

MIX-TF101
Entries 4.146452e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

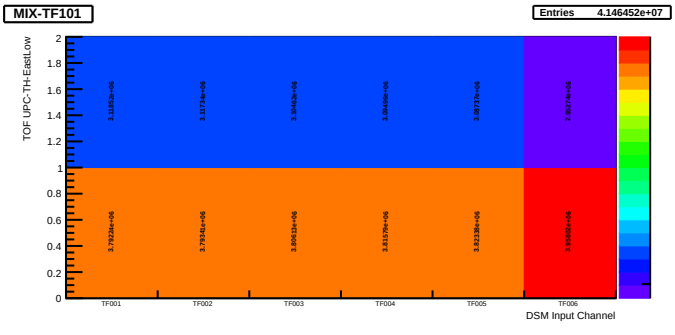

MIX-TF101
Entries 5605765
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

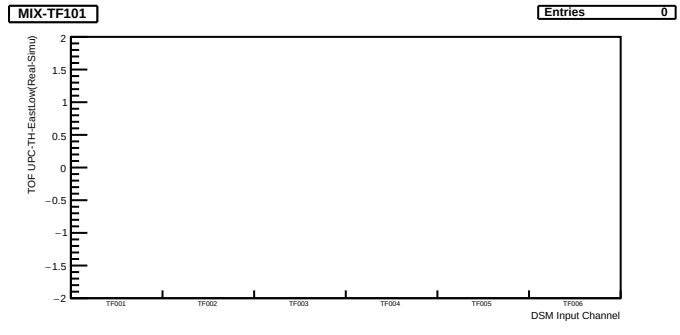

MIX-TF101
Entries 4.146452e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

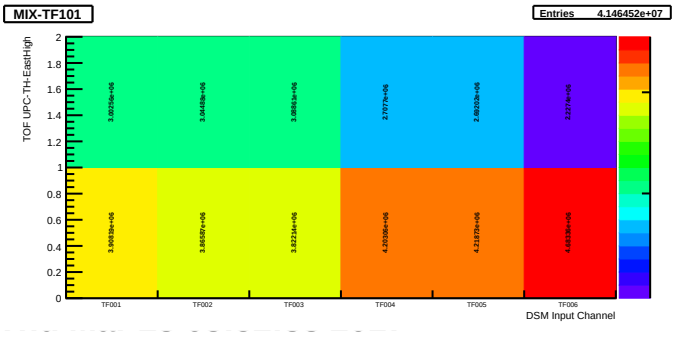

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

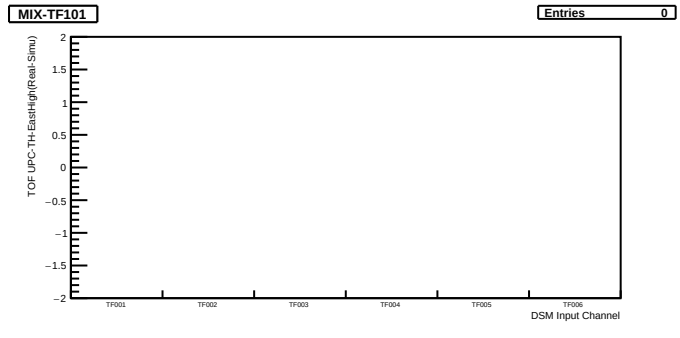

MIX-TF101
Entries 4.146452e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

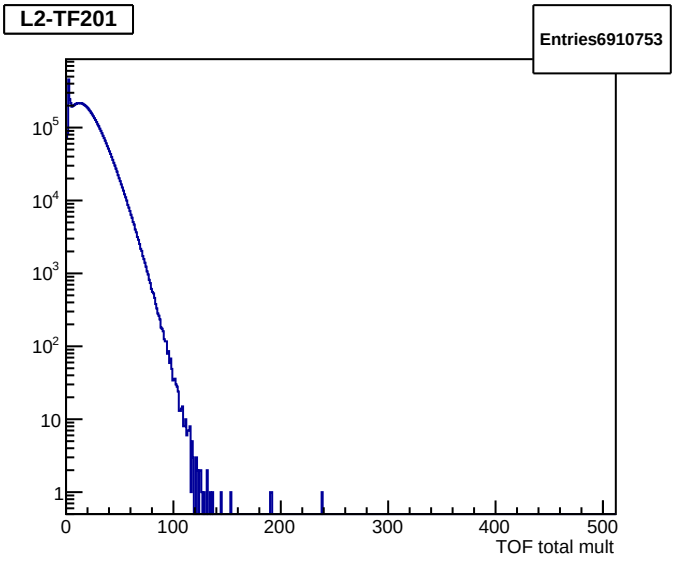

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

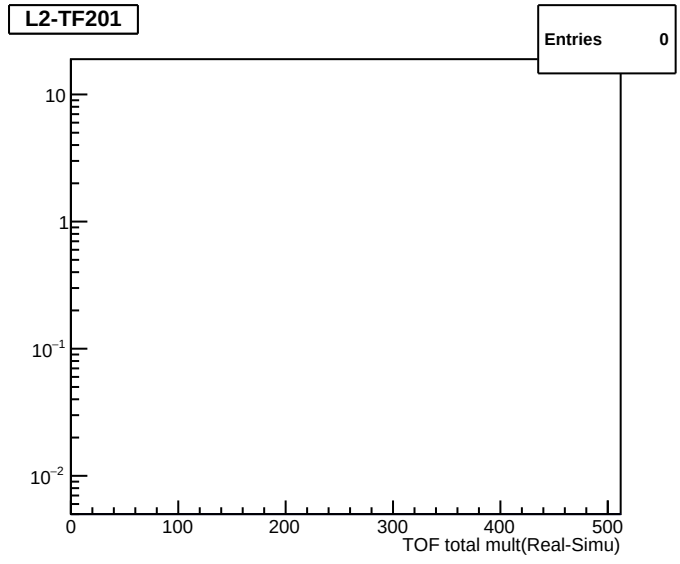

MIX-TF101
Entries 4.146452e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

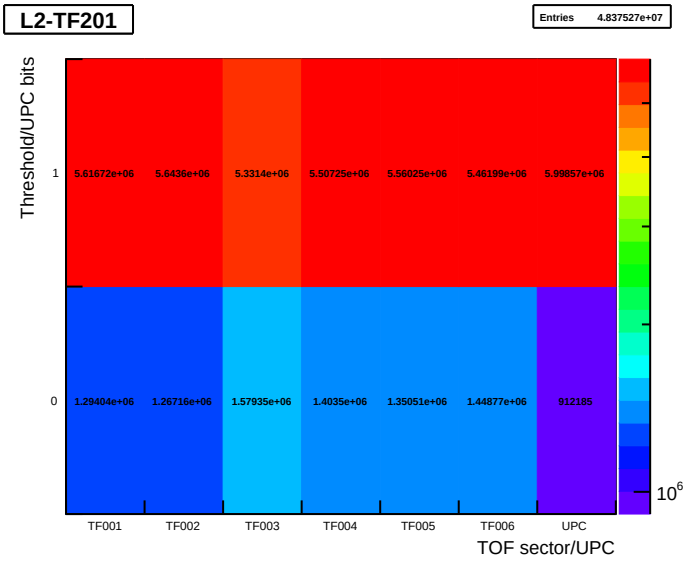

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

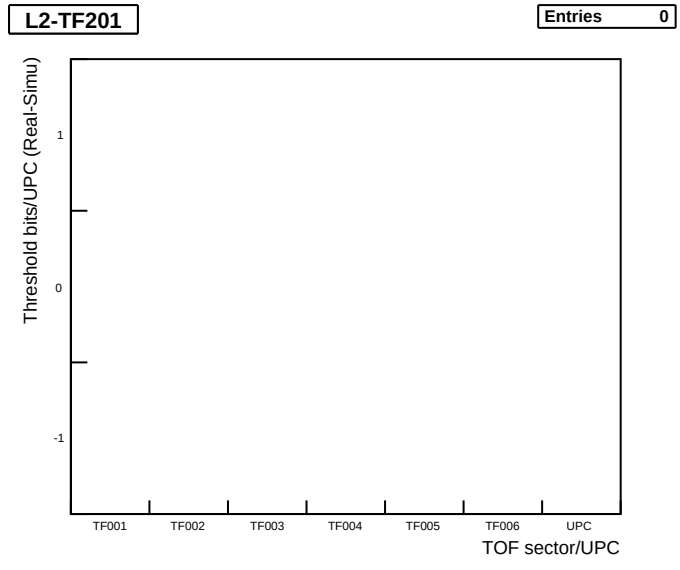

MIX-TF101
Entries 4.146452e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

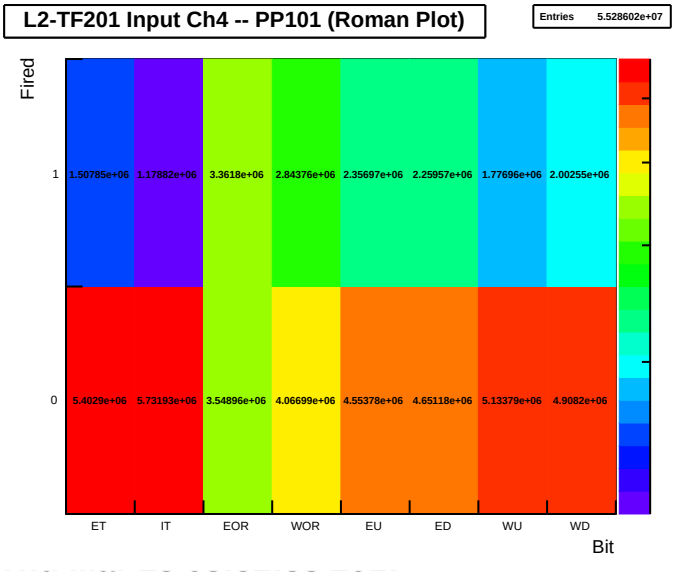

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

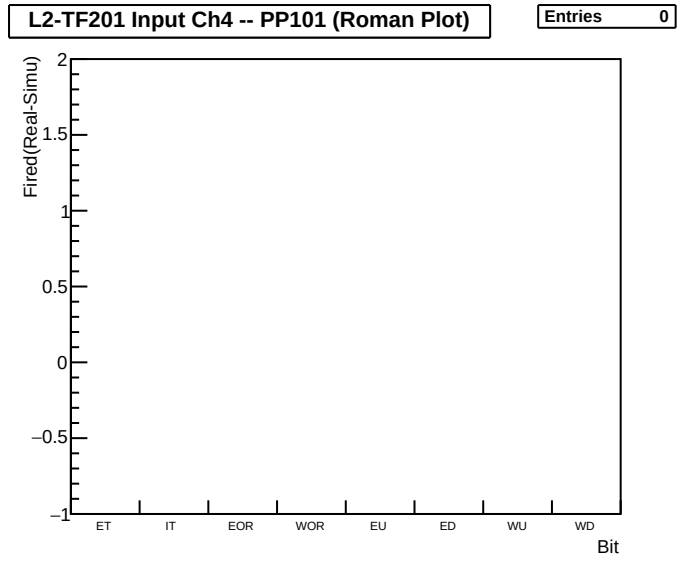

L2-TF201
Entries6910753
TOF total mult

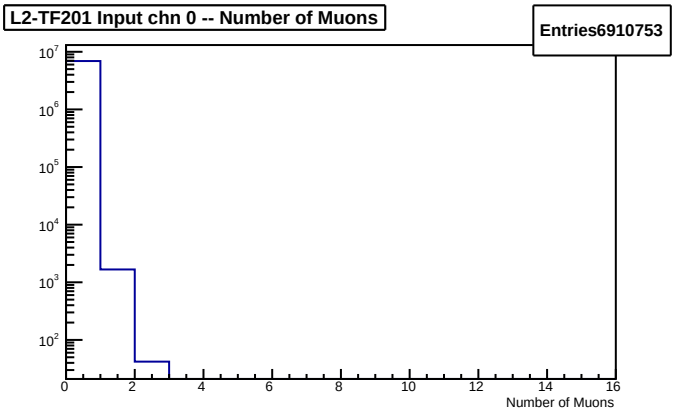

L2-TF201
Entries 0
TOF total mult(Real-Simu)

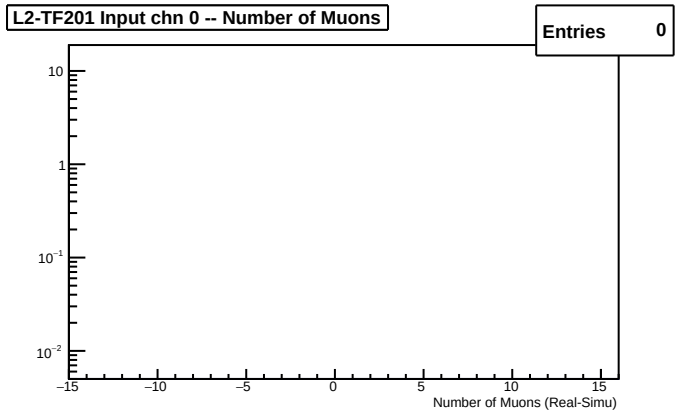

L2-TF201
Entries 4.837527e+07
Threshold/UPC bits
5.61672e+06
5.6436e+06
5.3314e+06
5.50725e+06
5.56025e+06
5.46199e+06
5.99857e+06
1.29404e+06
1.26716e+06
1.57935e+06
1.4035e+06
1.35051e+06
1.44877e+06
912185
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

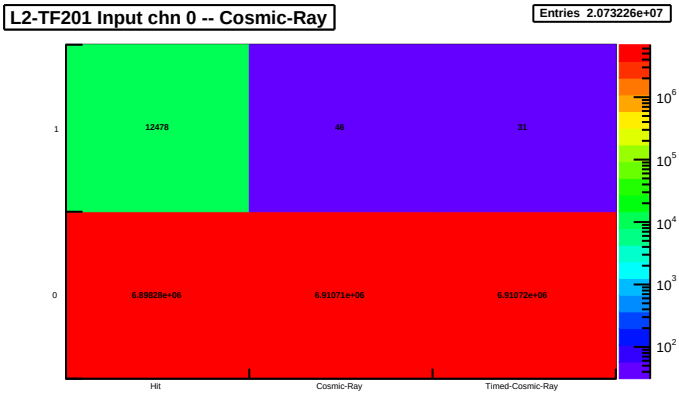

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

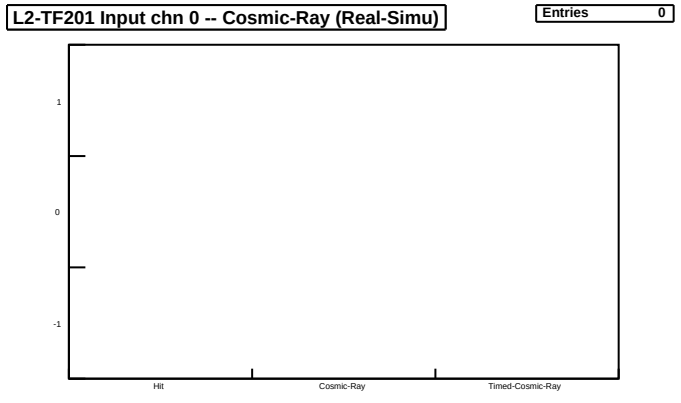

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 5.528602e+07
Fired
1.50785e+06
1.17882e+06
3.3618e+06
2.84376e+06
2.35697e+06
2.25957e+06
1.77696e+06
2.00255e+06
5.4029e+06
5.73193e+06
3.54896e+06
4.06699e+06
4.55378e+06
4.65118e+06
5.13379e+06
4.9082e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

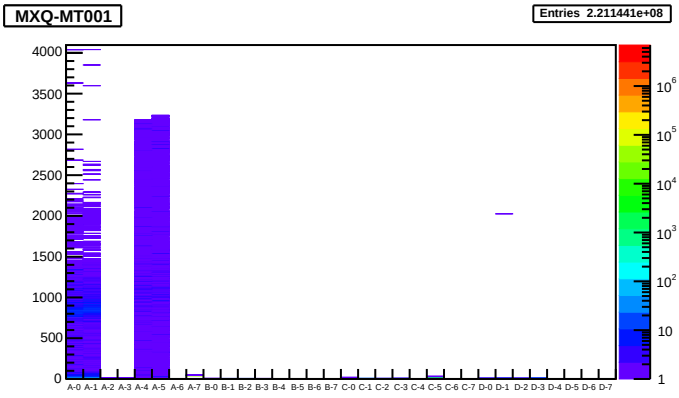

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

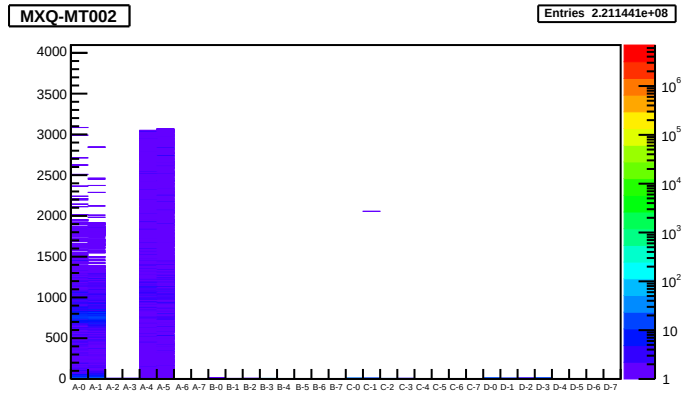

L2-TF201 Input chn 0 -- Number of Muons
Entries6910753
Number of Muons

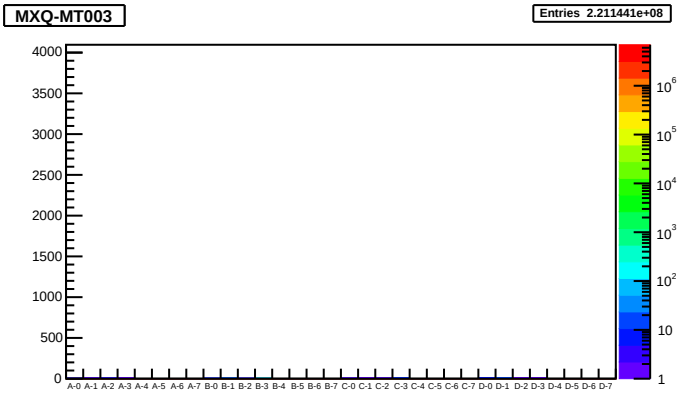

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)


L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 2.073226e+07
12478
46
31
6.89828e+06
6.91071e+06
6.91072e+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 2.211441e+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 2.211441e+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 2.211441e+08
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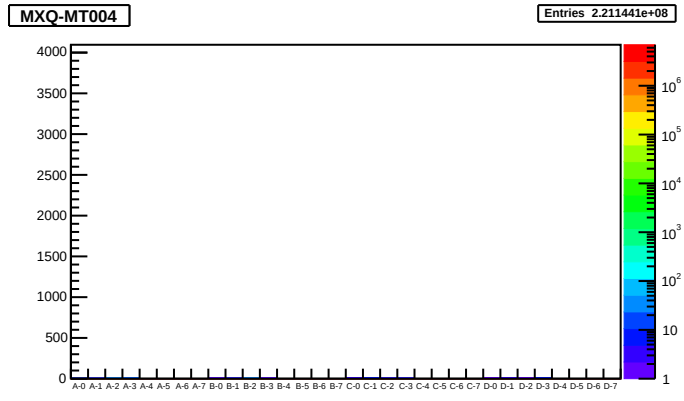
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT004
Entries 2.211441e+08
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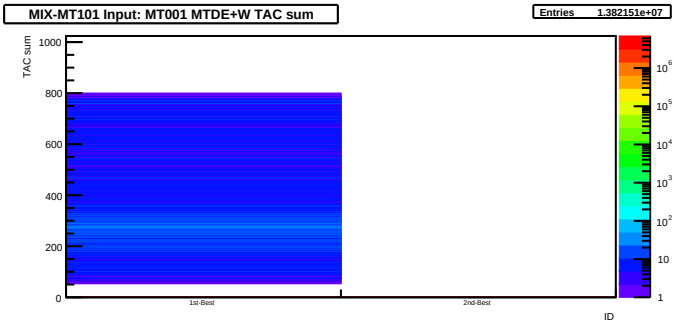
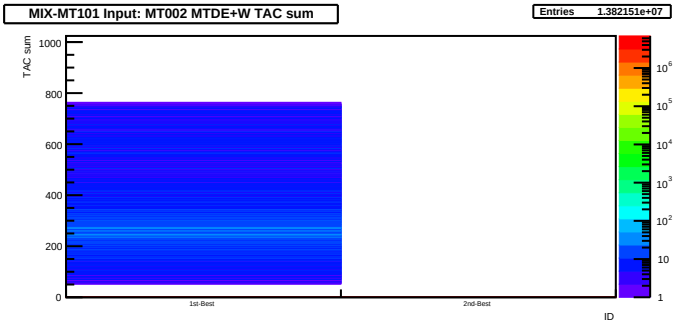
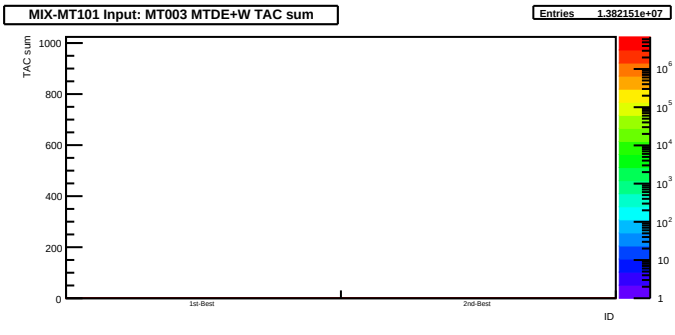
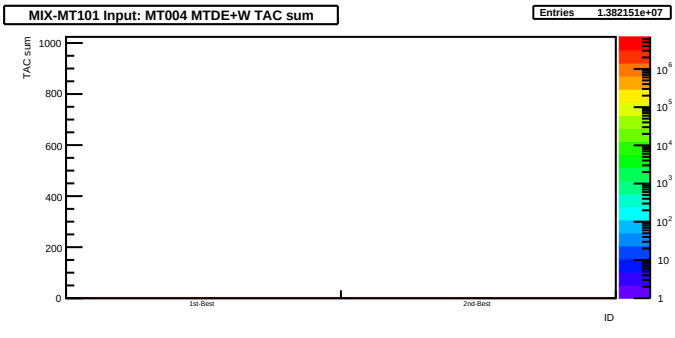
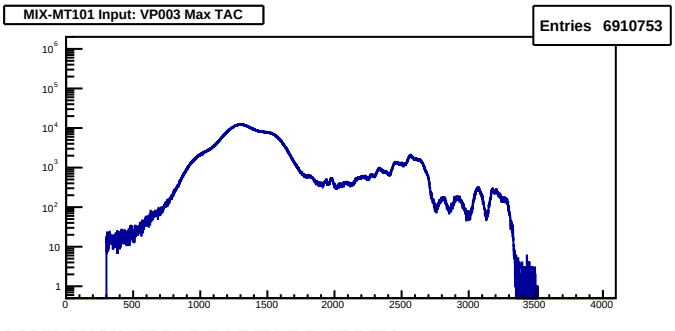
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

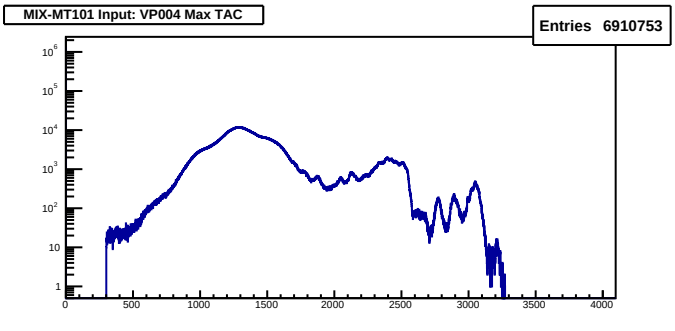

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.382151e+07
TAC sum
1st-Best
2nd-Best
ID

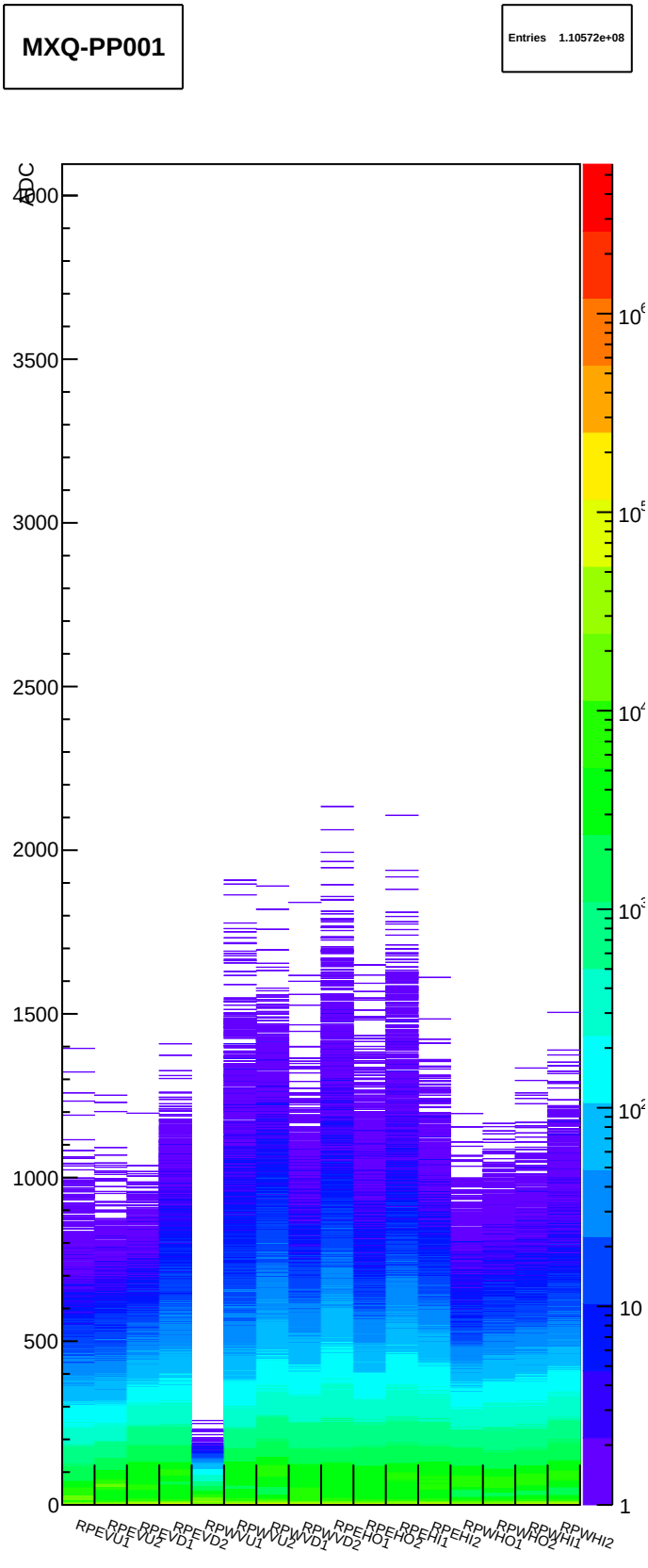

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.382151e+07
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.382151e+07
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.382151e+07
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: VP003 Max TAC
Entries 6910753


MIX-MT101 Input: VP004 Max TAC
Entries 6910753


MXQ-PP001
Entries 1.10572e+08
ADC
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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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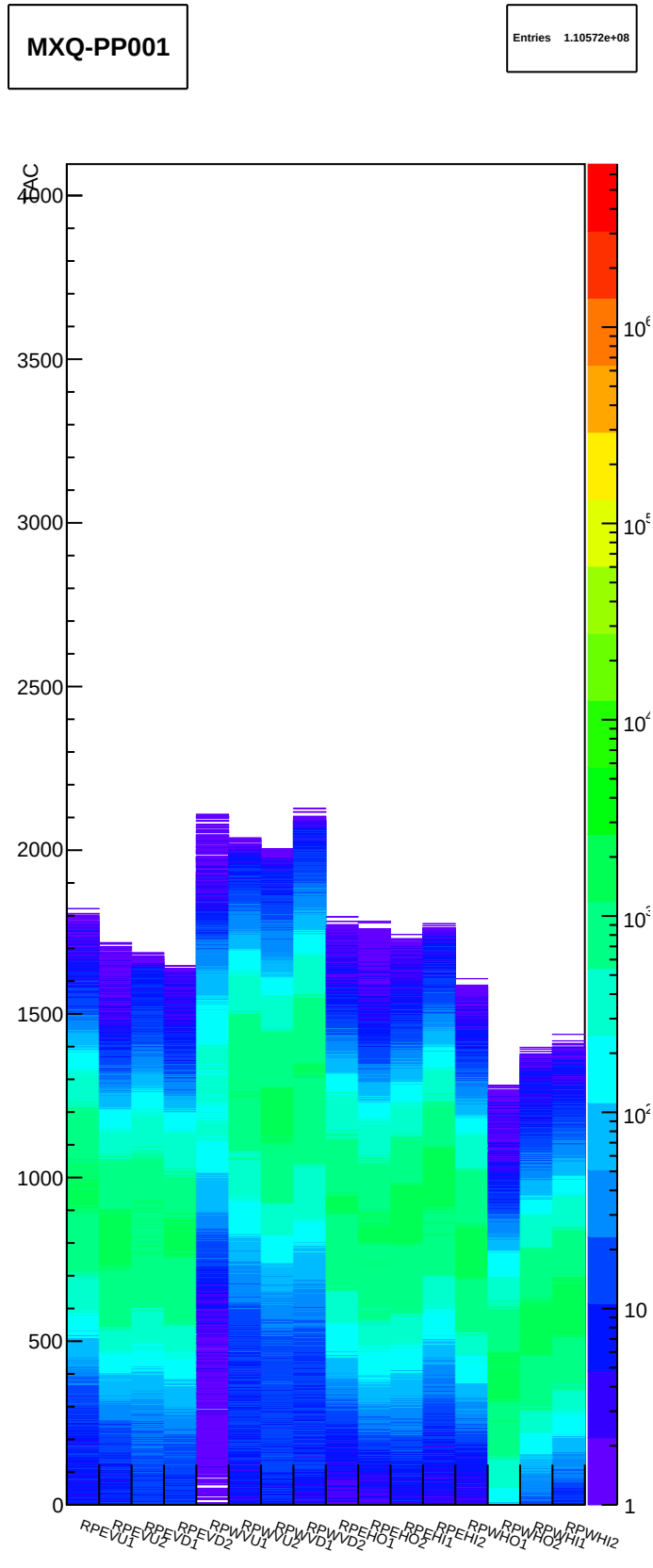
10^5
10^4
10^3
10^2
10
1


MXQ-PP001
Entries 1.10572e+08
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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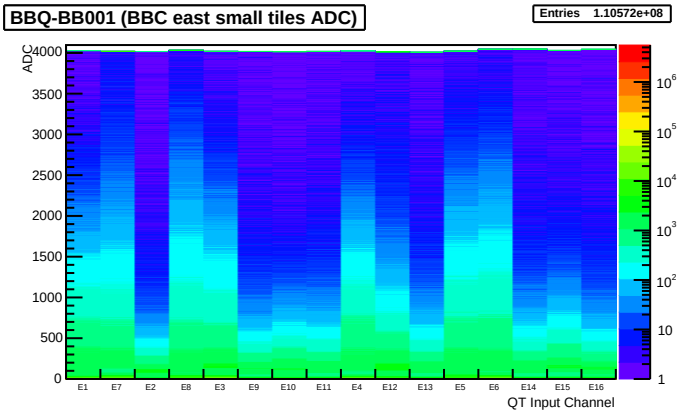
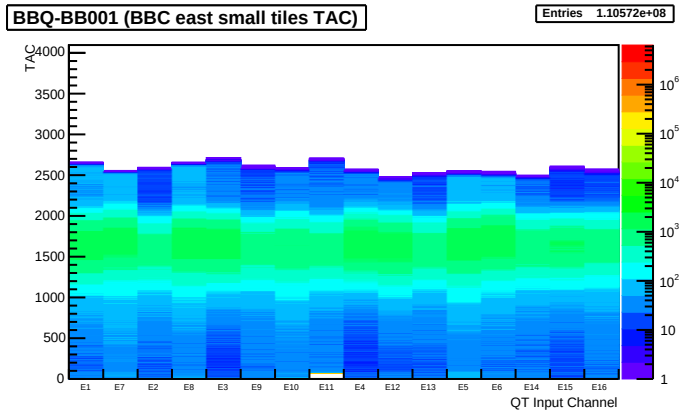
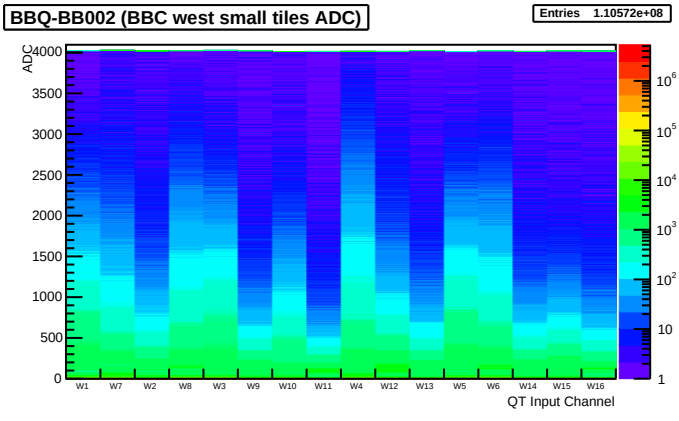
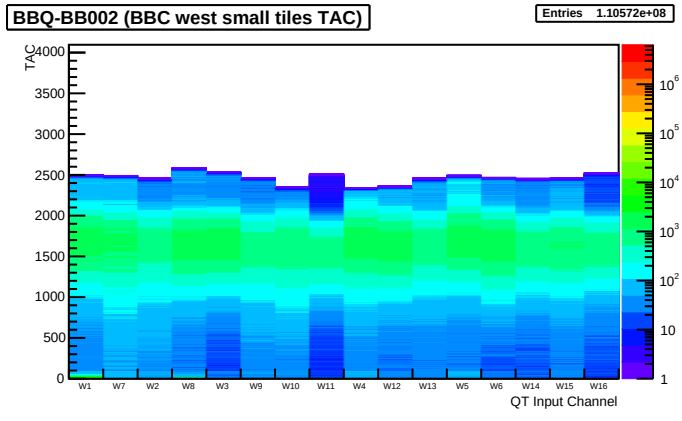
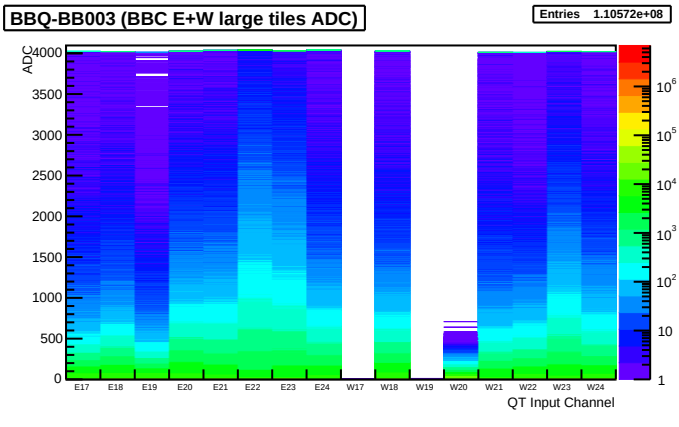
10^3
10^2
10
1

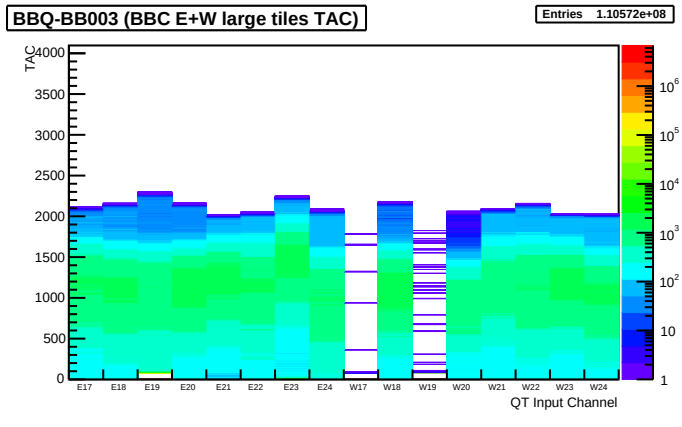

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.10572e+08
ADC
QT Input Channel

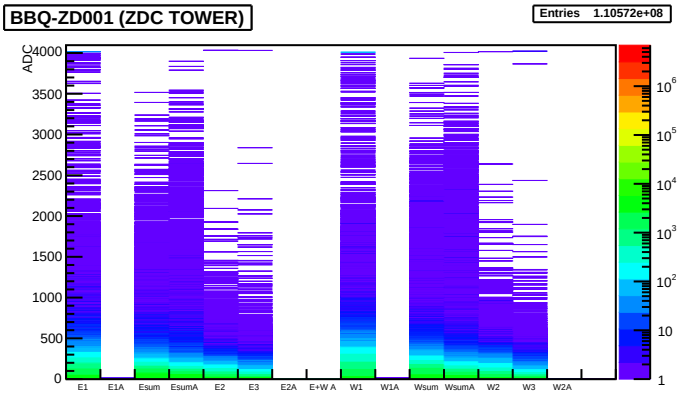

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.10572e+08
TAC
QT Input Channel

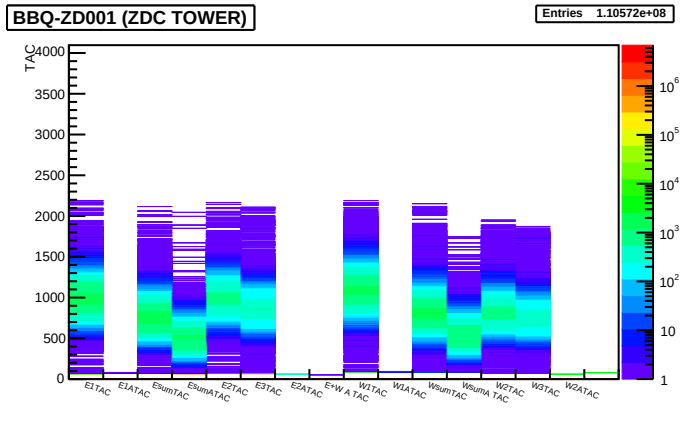

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.10572e+08
ADC
QT Input Channel

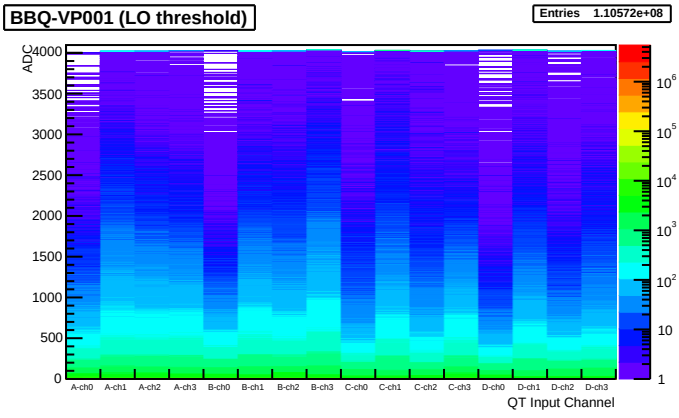

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.10572e+08
TAC
QT Input Channel

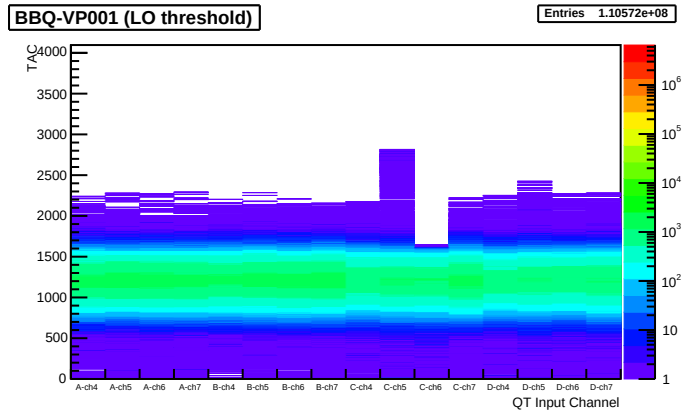

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.10572e+08
ADC
QT Input Channel

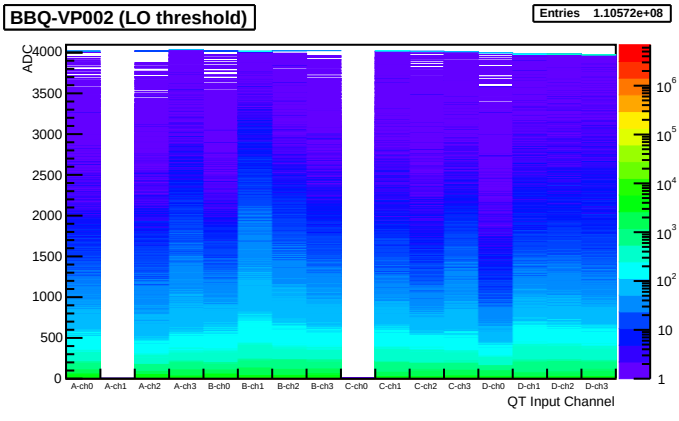

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.10572e+08
TAC
QT Input Channel

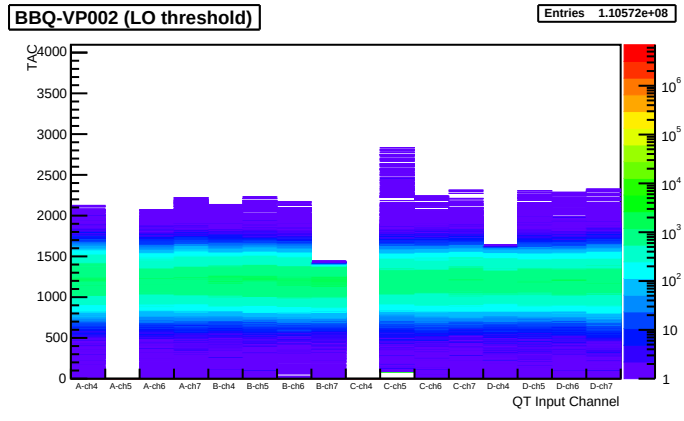

BBQ-ZD001 (ZDC TOWER)
Entries 1.10572e+08
ADC

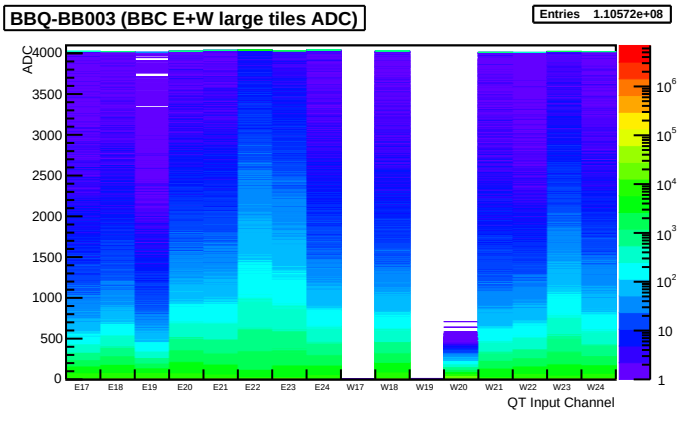

BBQ-ZD001 (ZDC TOWER)
Entries 1.10572e+08
TAC

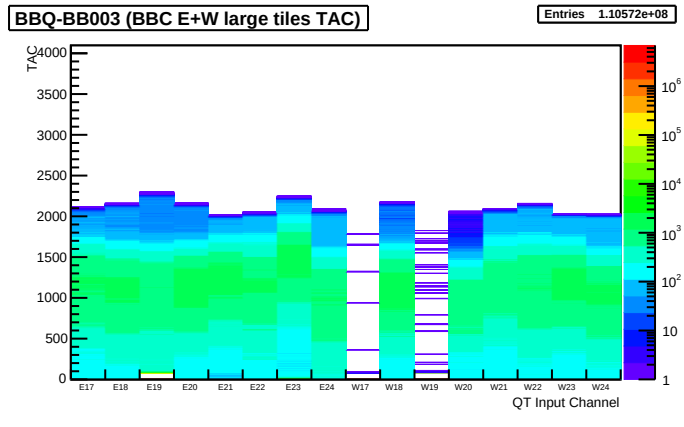

BBQ-VP001 (LO threshold)
Entries 1.10572e+08
ADC
QT Input Channel

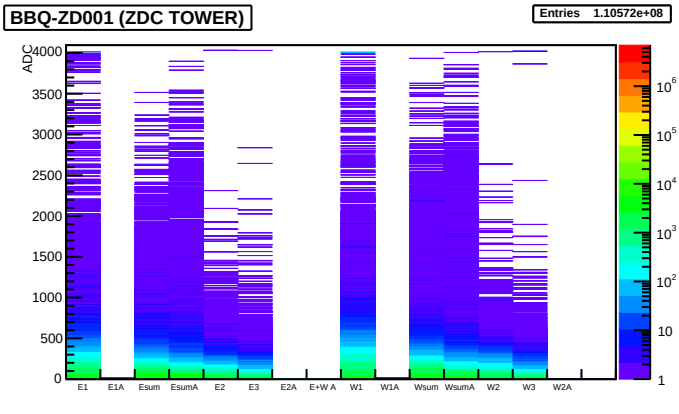

BBQ-VP001 (LO threshold)
Entries 1.10572e+08
TAC
QT Input Channel

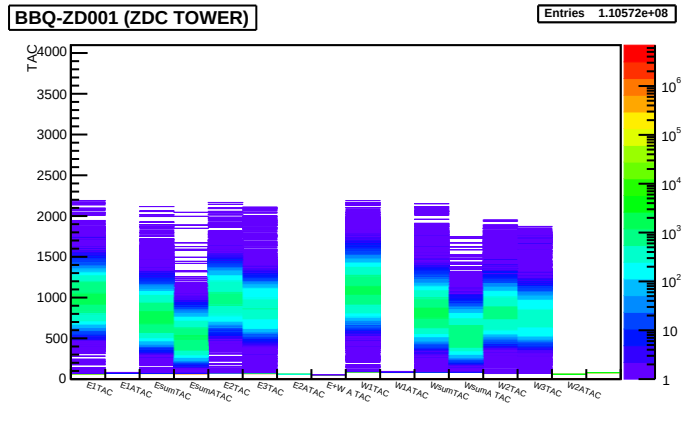

BBQ-VP002 (LO threshold)
Entries 1.10572e+08
ADC
QT Input Channel

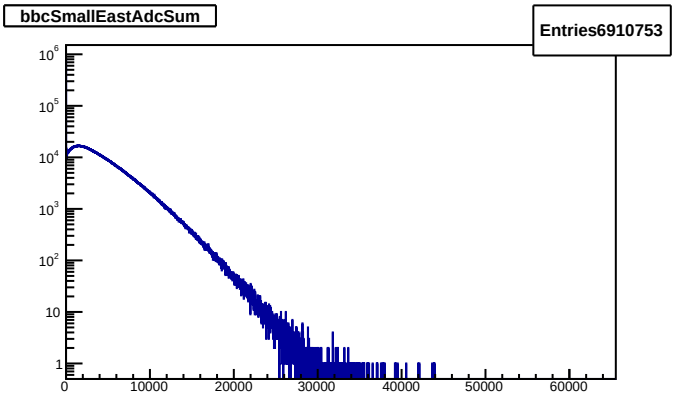

BBQ-VP002 (LO threshold)
Entries 1.10572e+08
TAC
QT Input Channel

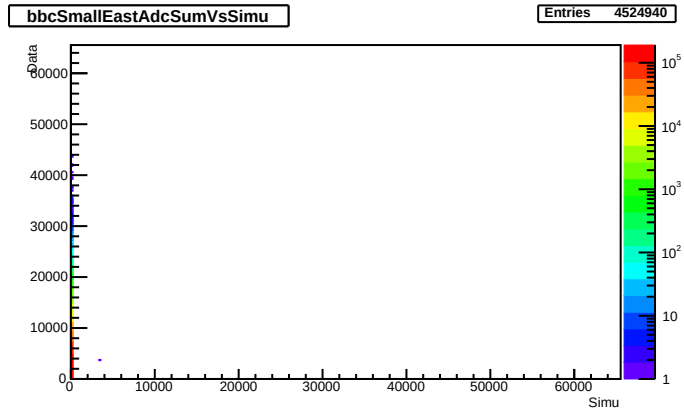

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.10572e+08
ADC
QT Input Channel

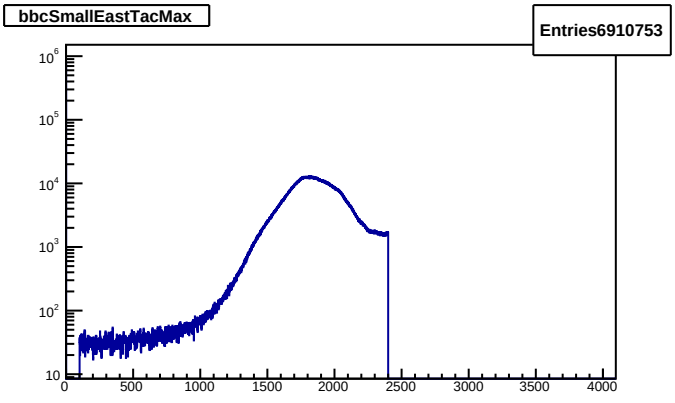

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.10572e+08
TAC
QT Input Channel

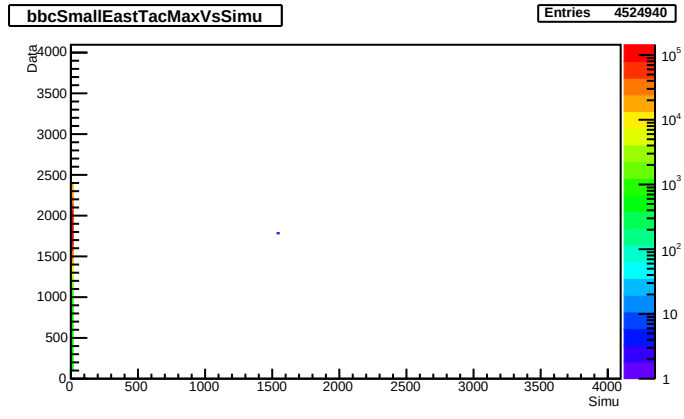

BBQ-ZD001 (ZDC TOWER)
Entries 1.10572e+08
ADC

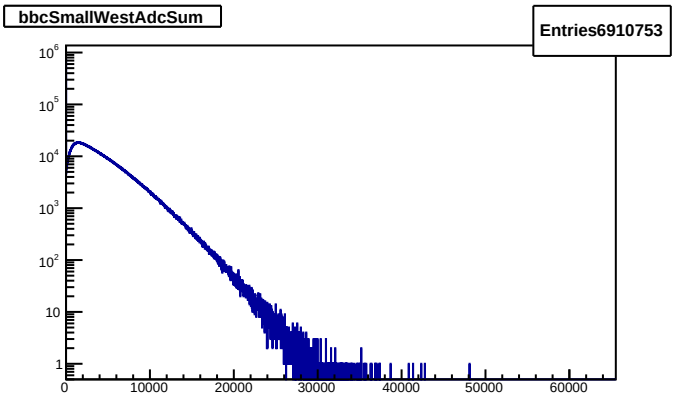

BBQ-ZD001 (ZDC TOWER)
Entries 1.10572e+08
TAC


bbcSmallEastAdcSum
Entries6910753


bbcSmallEastAdcSumVsSimu
Entries 4524940
Data
Simu


bbcSmallEastTacMax
Entries6910753


bbcSmallEastTacMaxVsSimu
Entries 4524940
Data
Simu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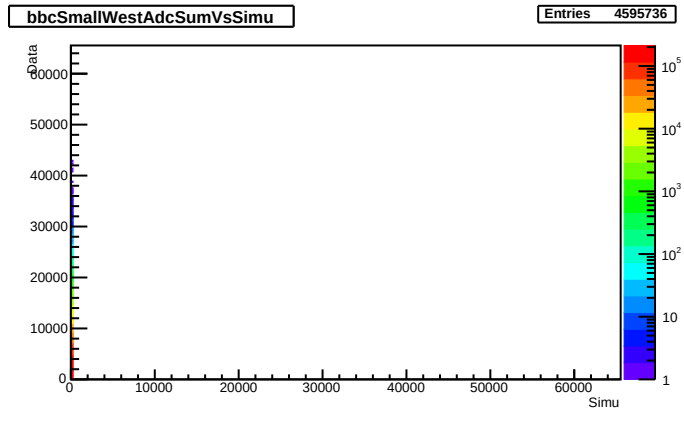
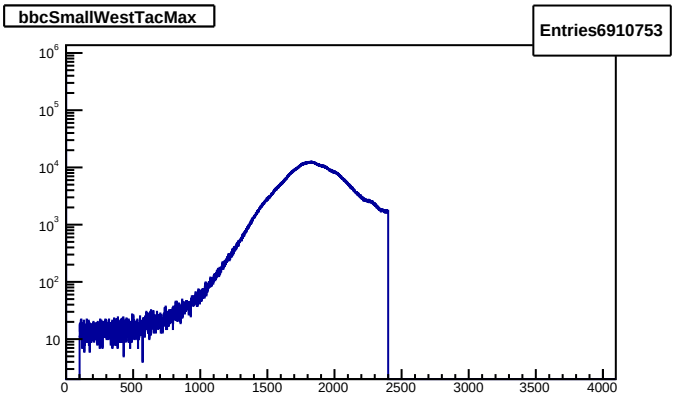
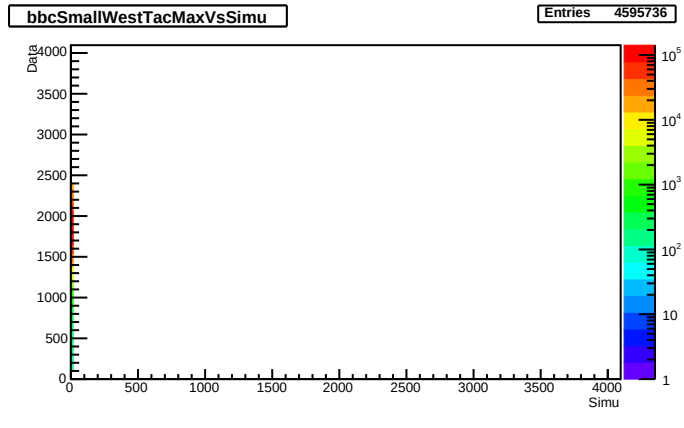
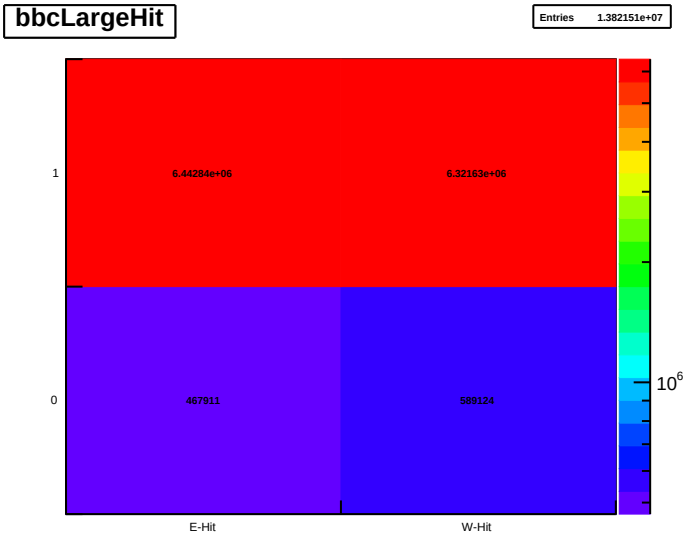
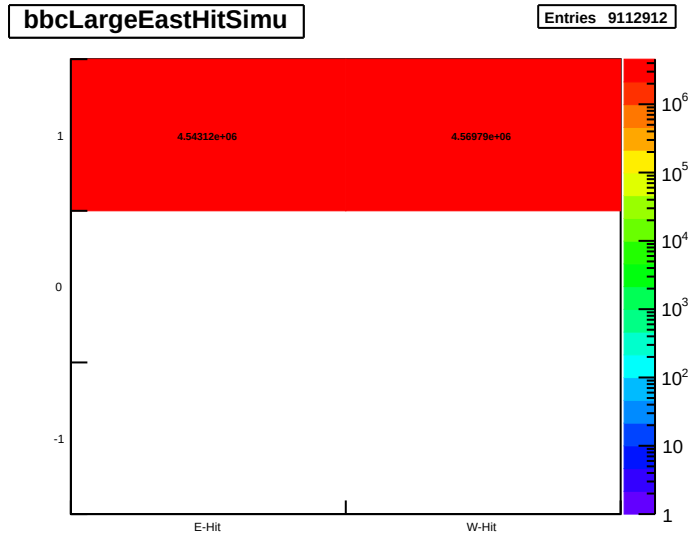
Entries6910753

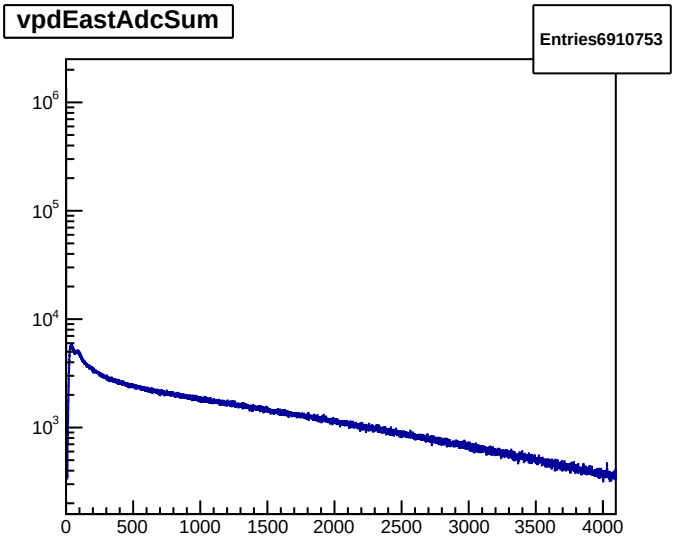

bbcSmallWestAdcSumVsSimu
Entries 4595736
Data
Simu

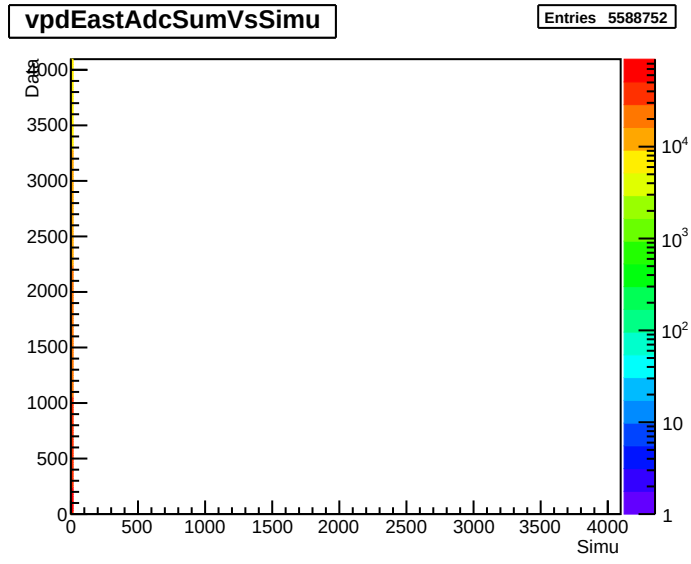

bbcSmallWestTacMax
Entries6910753

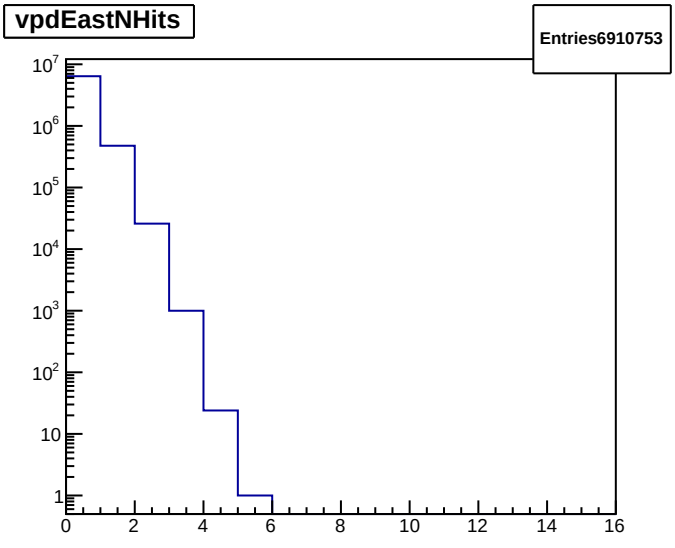

bbcSmallWestTacMaxVsSimu
Entries 4595736
Data
Simu

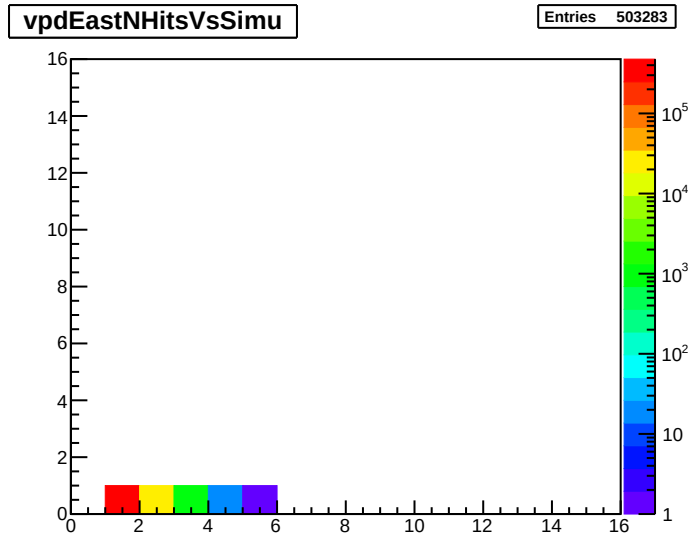

bbcLargeHit
Entries 1.382151e+07
1
0
6.44284e+06
6.32163e+06
467911
589124
E-Hit
W-Hit
10^6

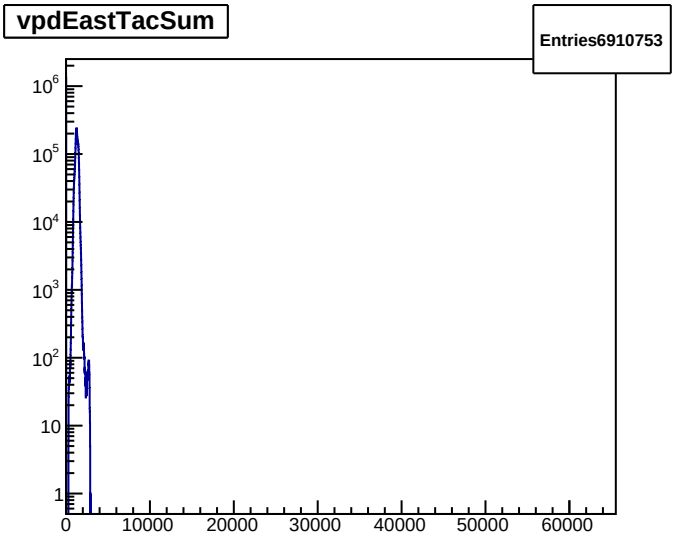

bbcLargeEastHitSimu
Entries 9112912
1
0
-1
4.54312e+06
4.56979e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

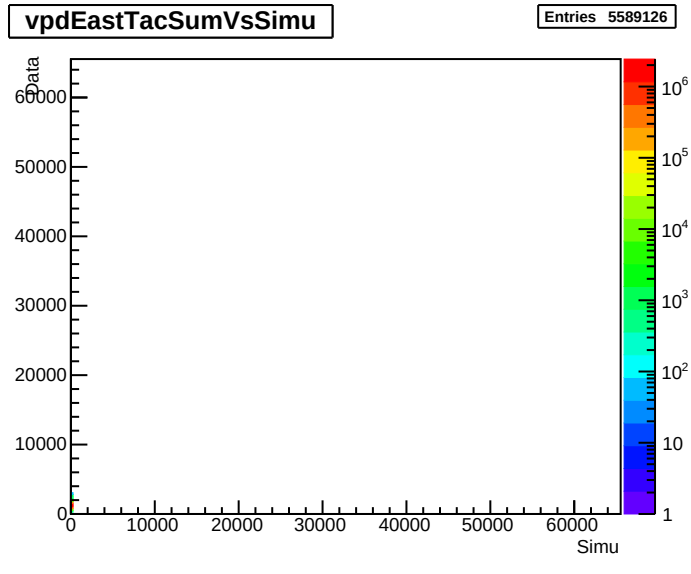

vpdEastAdcSum
Entries6910753

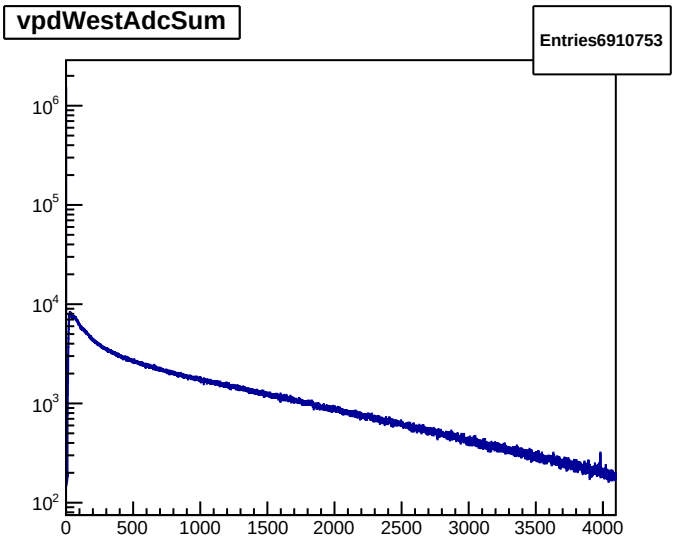

vpdEastAdcSumVsSimu
Entries 5588752
Data
Simu

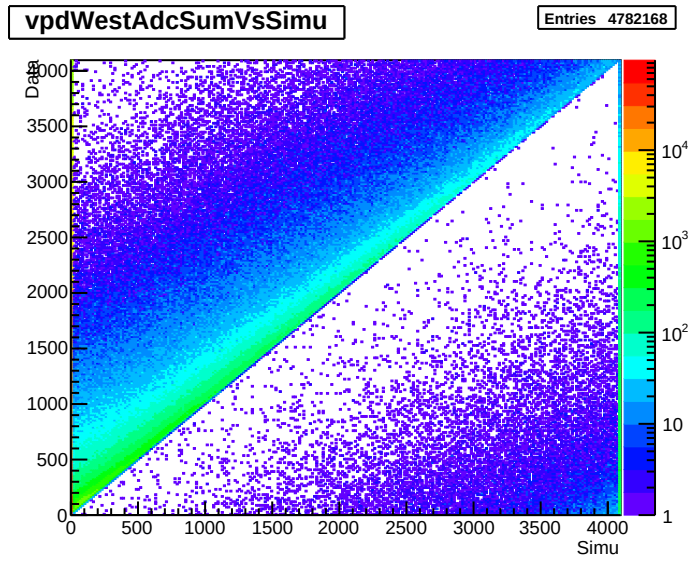

vpdEastNHits
Entries6910753

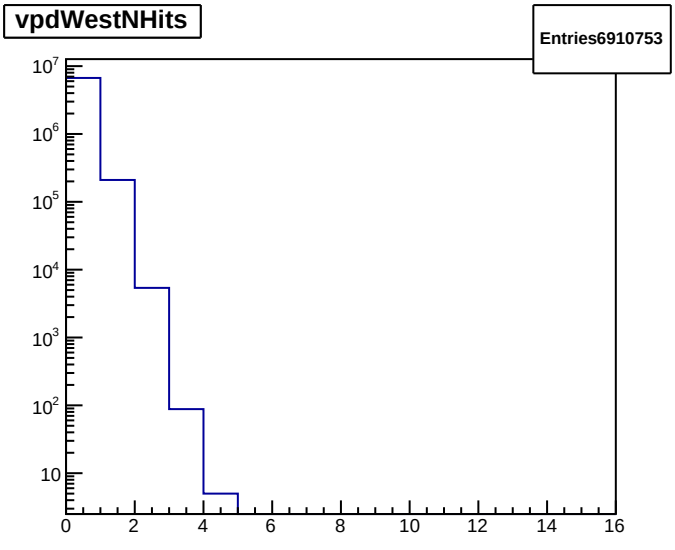

vpdEastNHitsVsSimu
Entries 503283

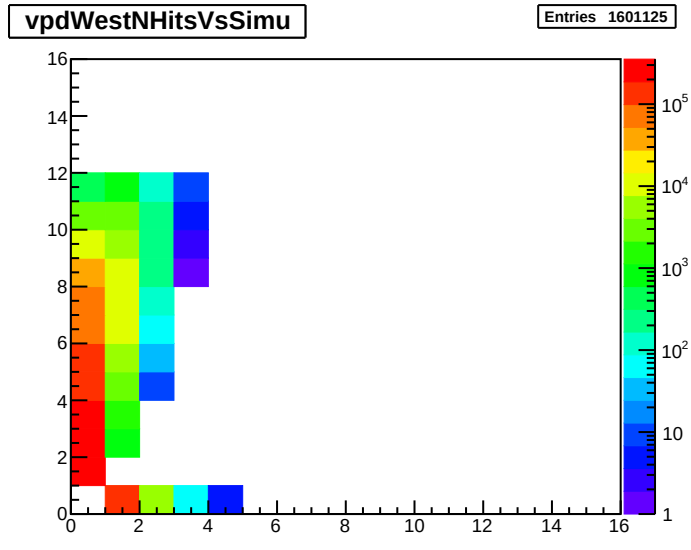

vpdEastTacSum
Entries6910753

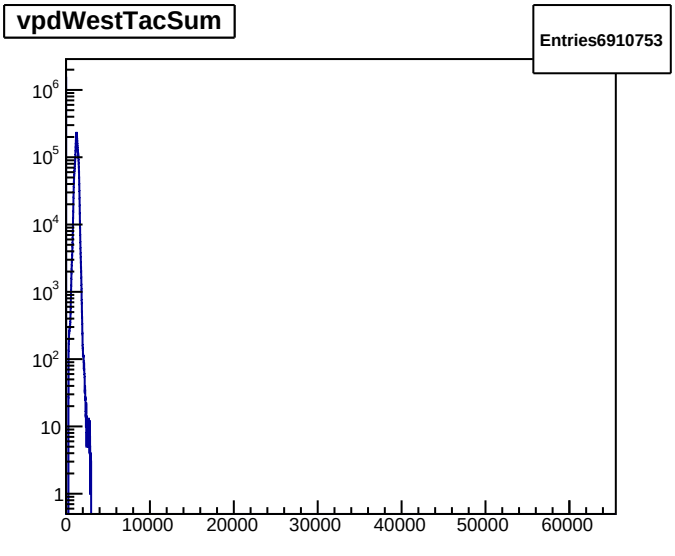

vpdEastTacSumVsSimu
Entries 5589126
Data
Simu

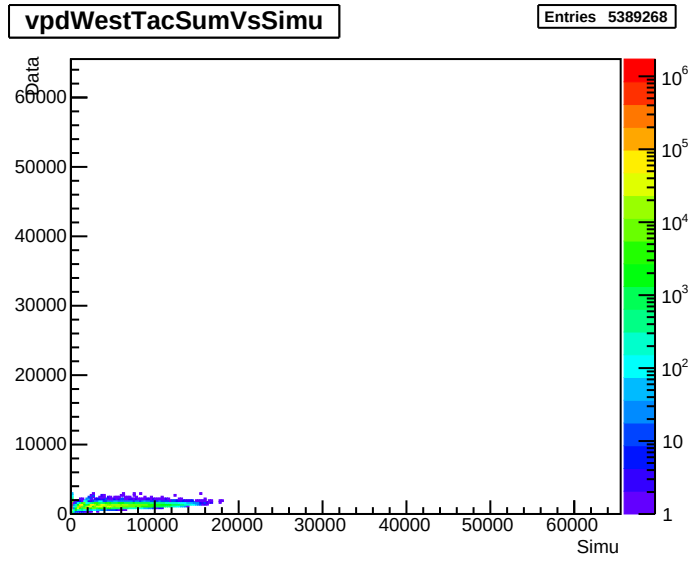

vpdWestAdcSum
Entries6910753

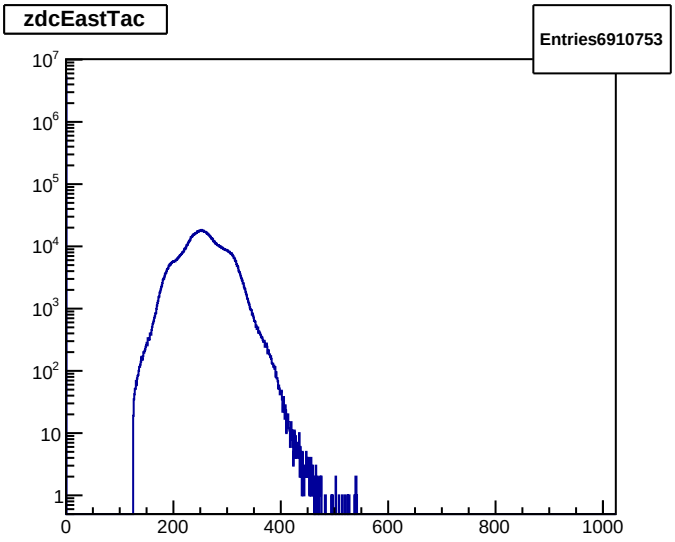

vpdWestAdcSumVsSimu
Entries 4782168
Data
Simu

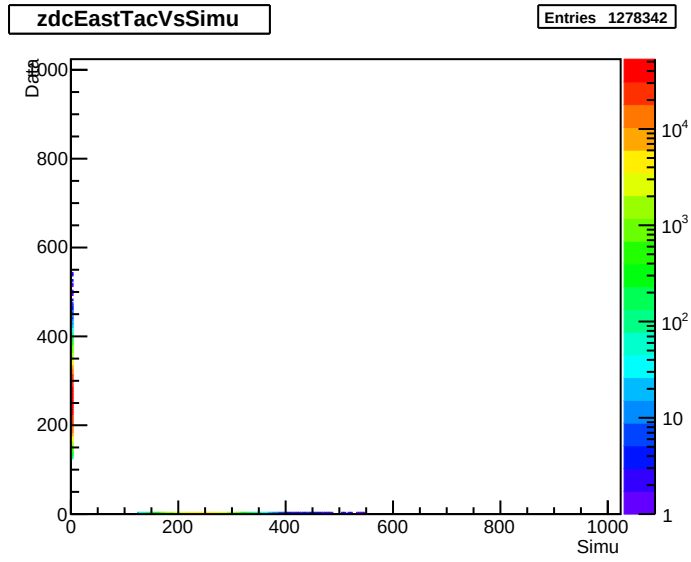

vpdWestNHits
Entries6910753

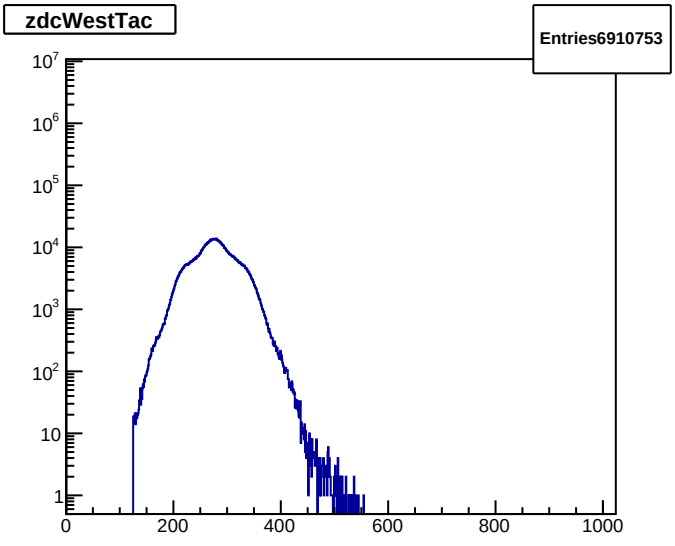

vpdWestNHitsVsSimu
Entries 1601125

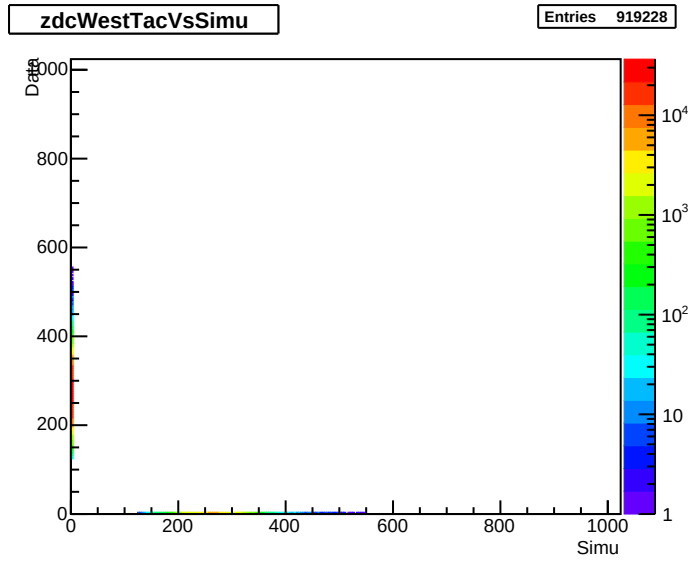

vpdWestTacSum
Entries6910753

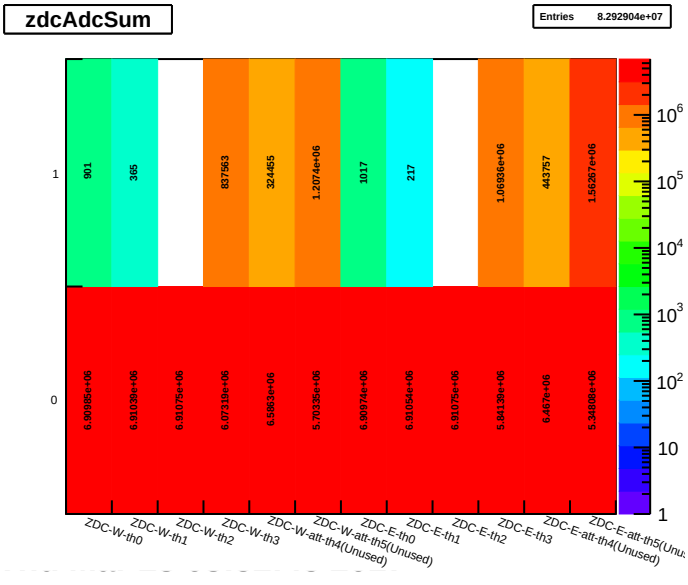

vpdWestTacSumVsSimu
Entries 5389268
Data
Simu

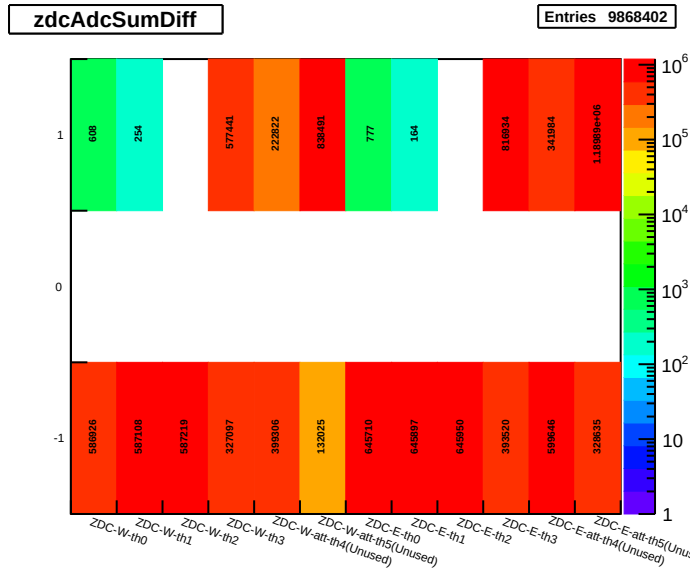

zdcEastTac
Entries6910753

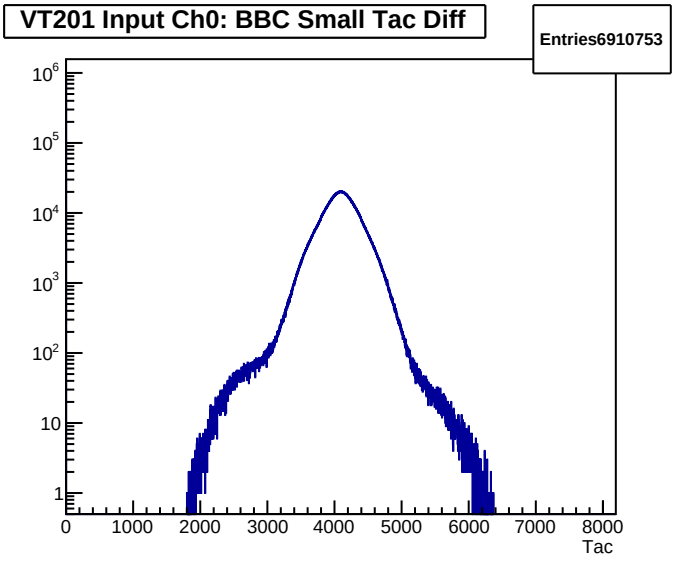

zdcEastTacVsSimu
Entries 1278342
Data
Simu

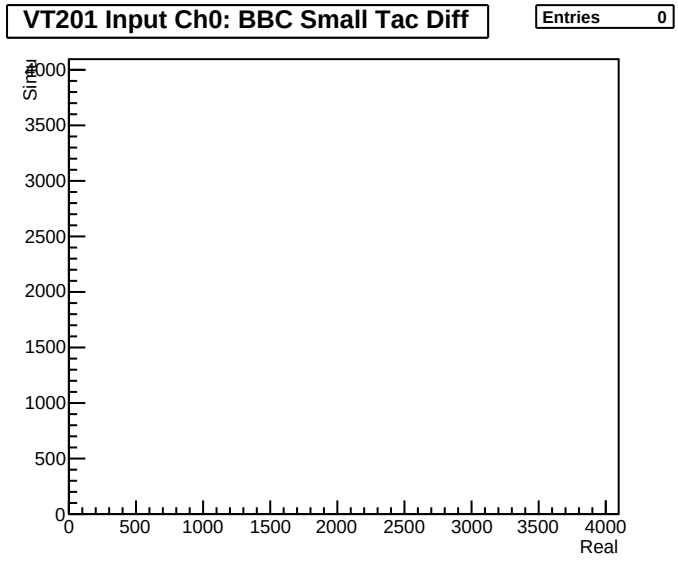

zdcWestTac
Entries6910753

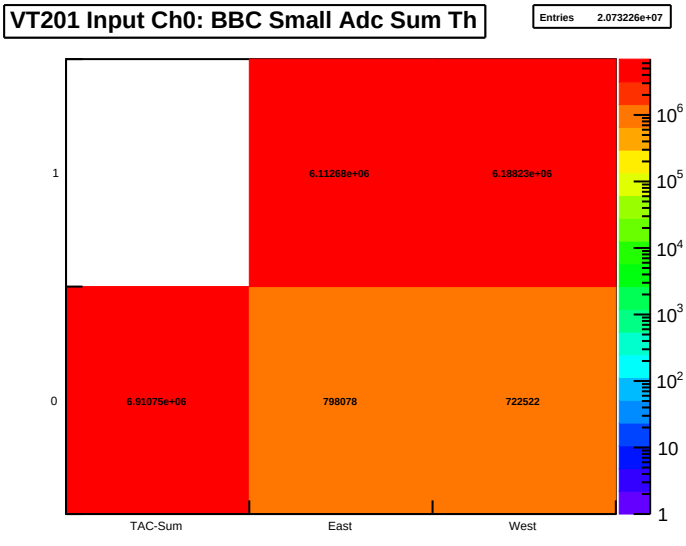

zdcWestTacVsSimu
Entries 919228
Data
Simu

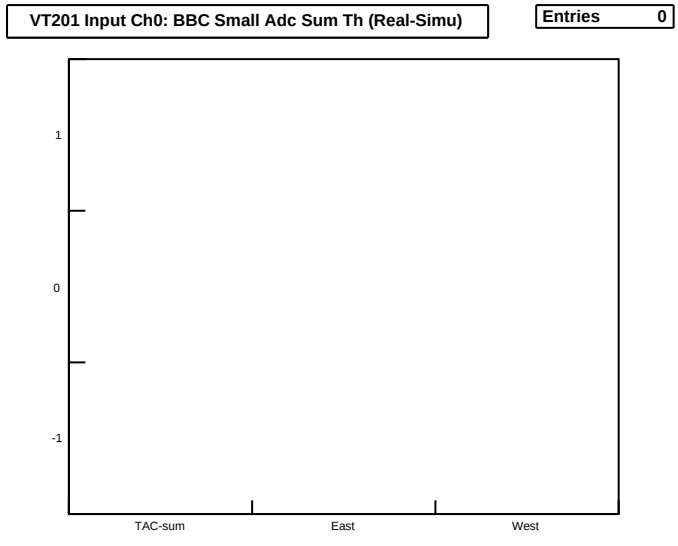

zdcAdcSum
Entries 8.292904e+07
901
365
837563
324455
1.2074e+06
1017
217
1.06936e+06
443757
1.56267e+06
6.90985e+06
6.91039e+06
6.91075e+06
6.07319e+06
6.5863e+06
5.70335e+06
6.90974e+06
6.91054e+06
6.91075e+06
5.84138e+06
6.467e+06
5.34808e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

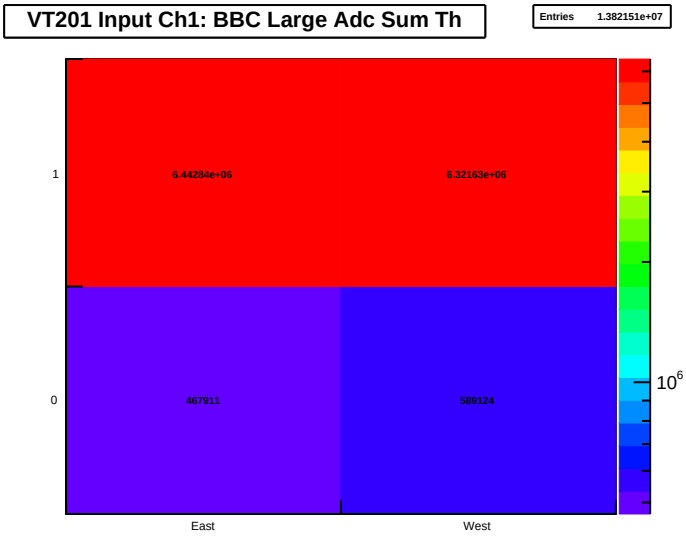

zdcAdcSumDiff
Entries 9868402
608
254
577441
222822
838491
777
164
816934
341984
1.18989e+06
586926
587108
587219
327097
393806
132025
645710
645997
649950
393520
599646
328635
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

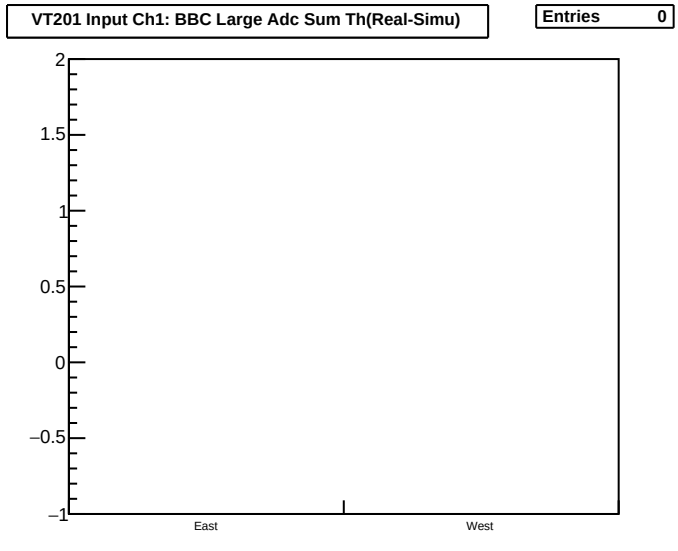

VT201 Input Ch0: BBC Small Tac Diff
Entries6910753
Tac


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

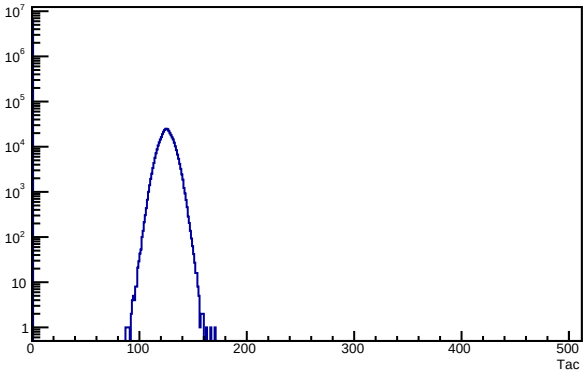

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 2.073226e+07
6.11268e+06
6.18823e+06
6.91075e+06
798078
722522
TAC-Sum
East
West


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

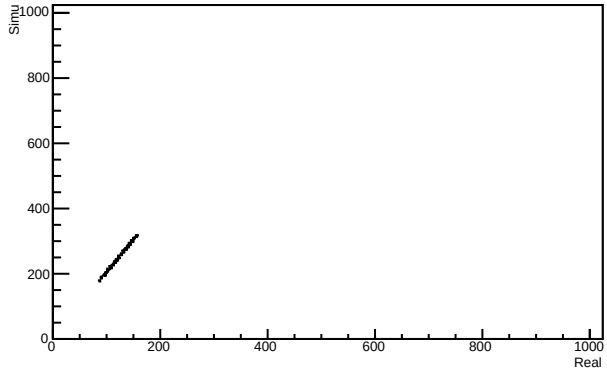

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.382151e+07
6.44284e+06
6.32163e+06
467911
589124
East
West


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

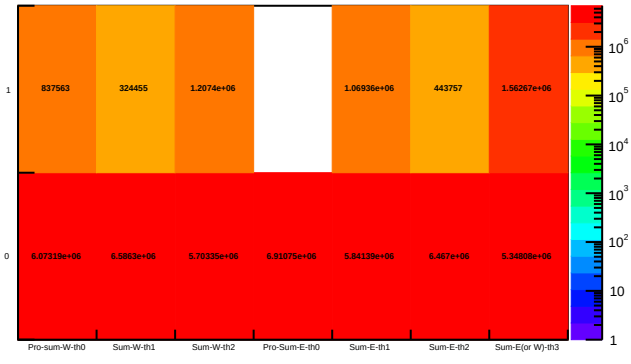
VT201 Input Ch2: ZDC Tac Diff



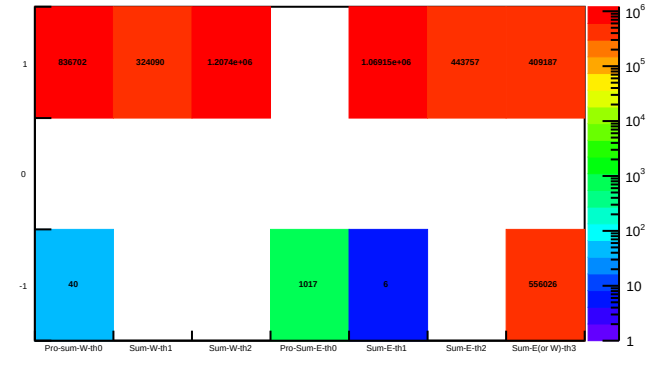
VT201 Input Ch2: ZDC Tac Diff



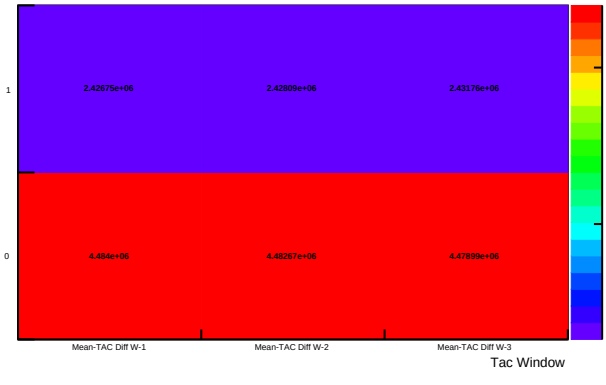
VT201 Input Ch2: ZDC Adc Sum Th



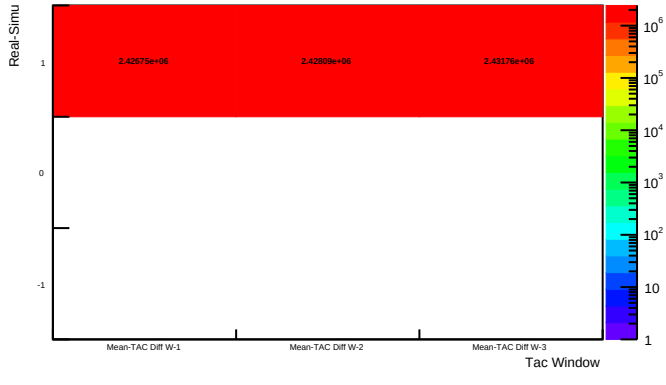
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



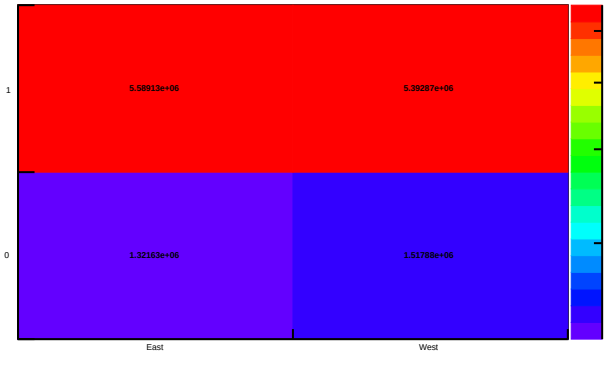
VT201 Input Ch4: VPD Tac Diff



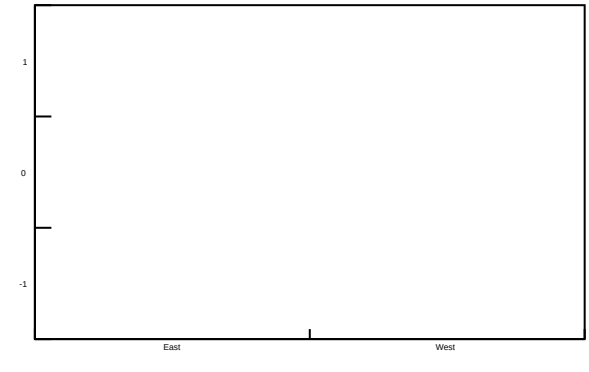
VT201 Input Ch4: VPD Tac Diff

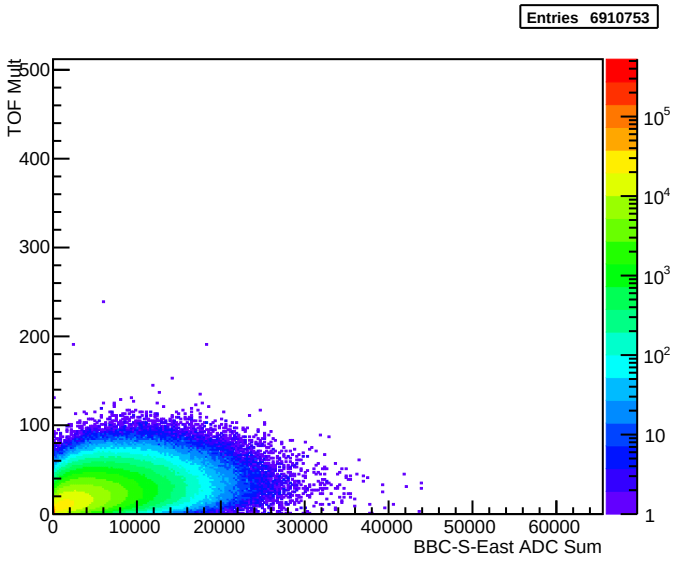


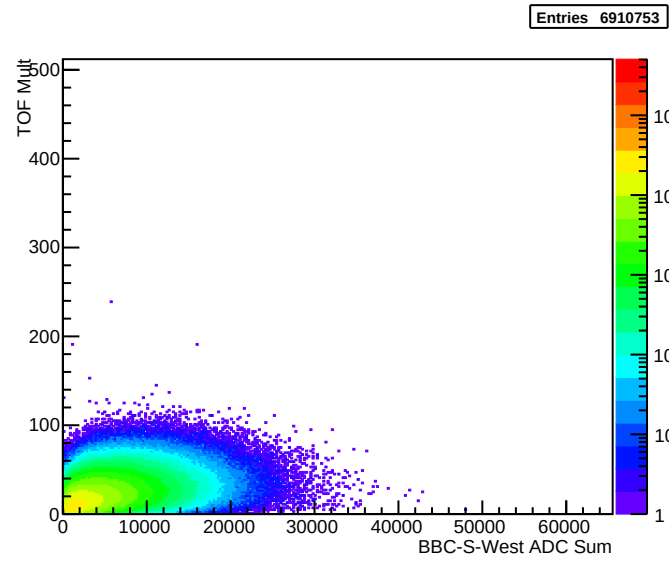
VT201 Input Ch4: VPD Adc Sum Th

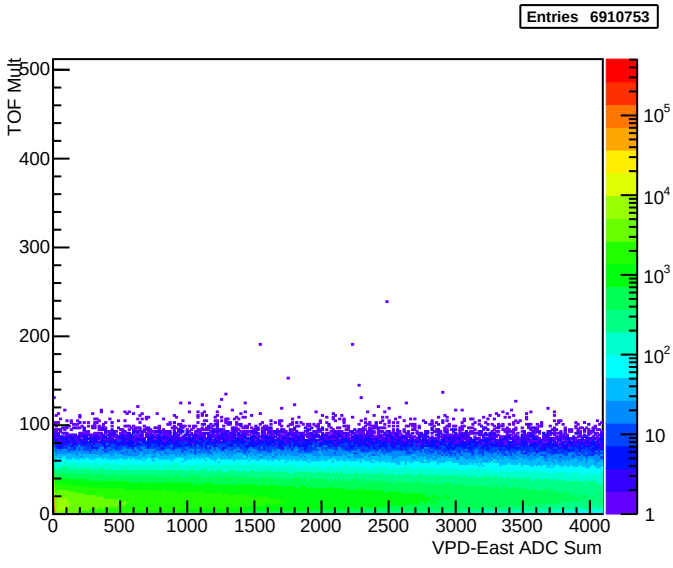


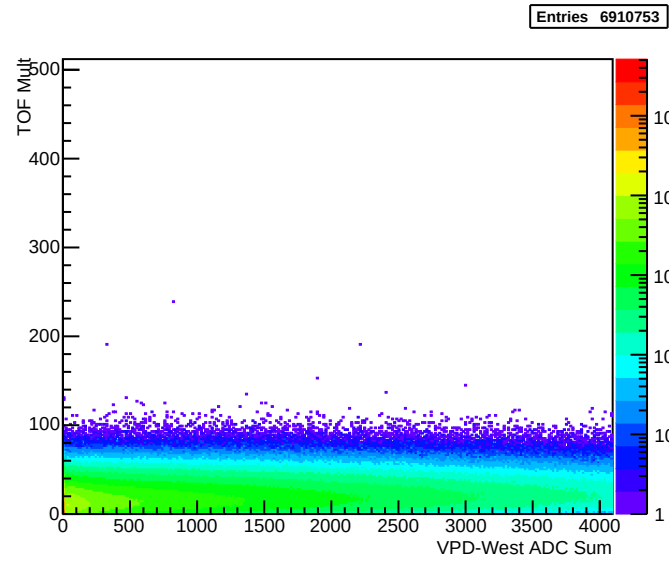
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

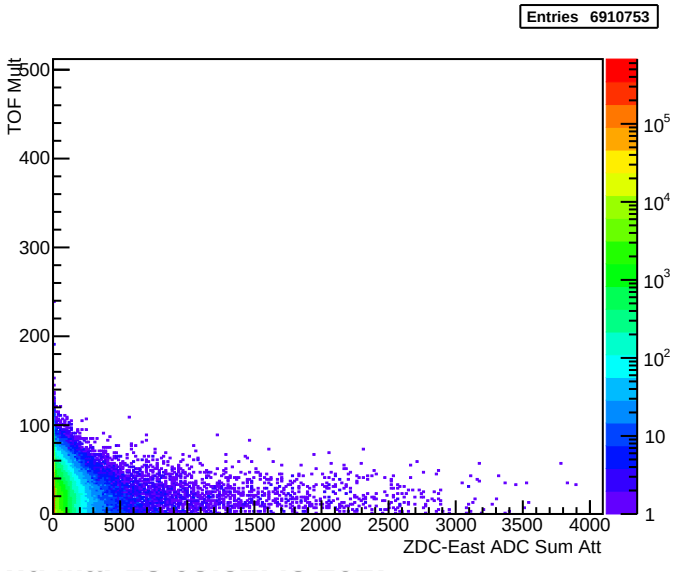


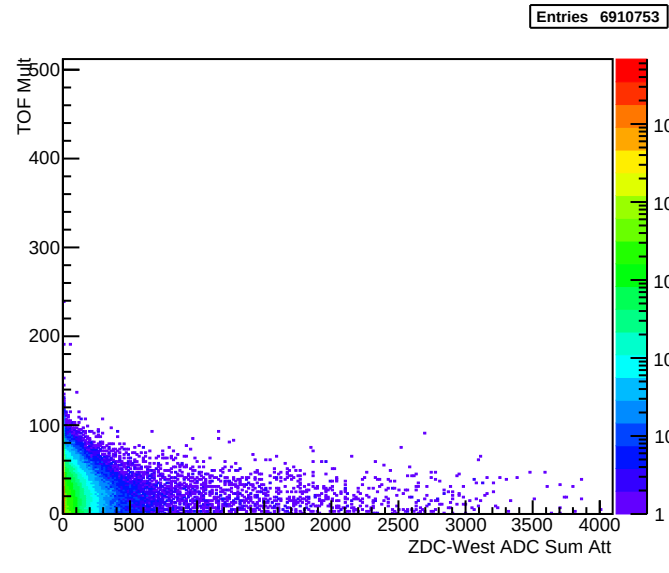

Entries 6910753
TOF Mult
BBC-S-East ADC Sum

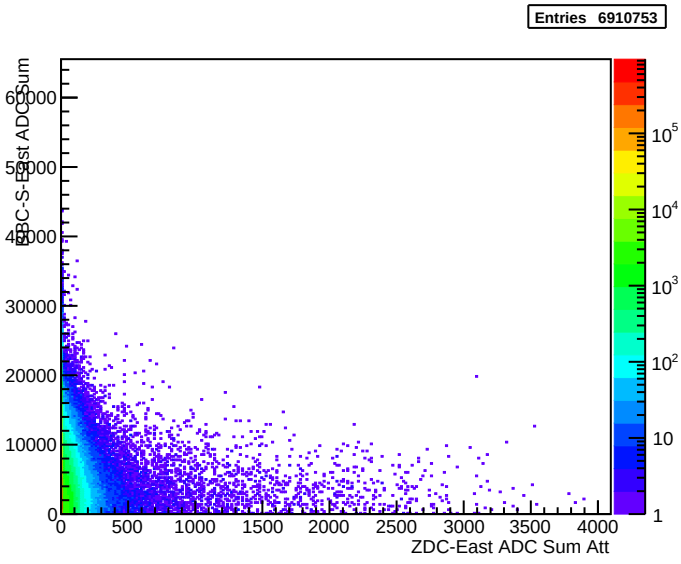

Entries 6910753
TOF Mult
BBC-S-West ADC Sum

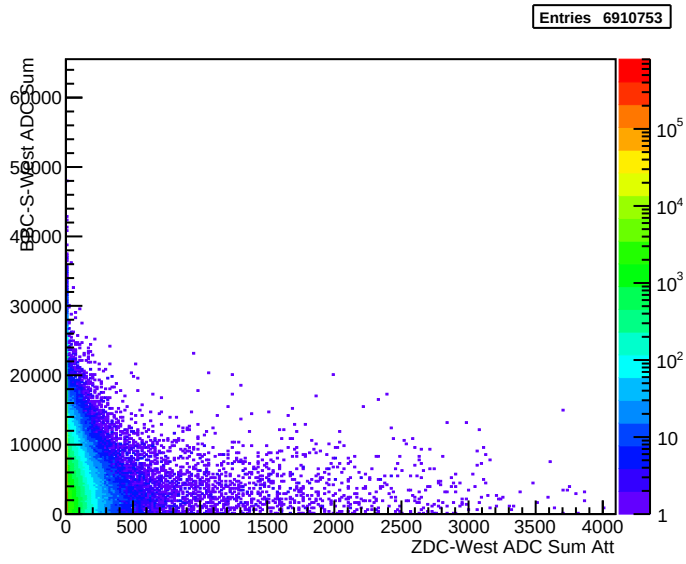

Entries 6910753
TOF Mult
VPD-East ADC Sum

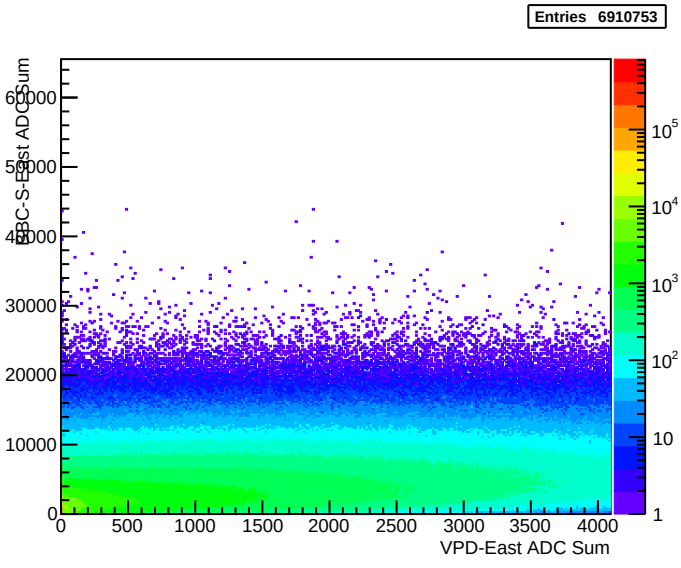

Entries 6910753
TOF Mult
VPD-West ADC Sum

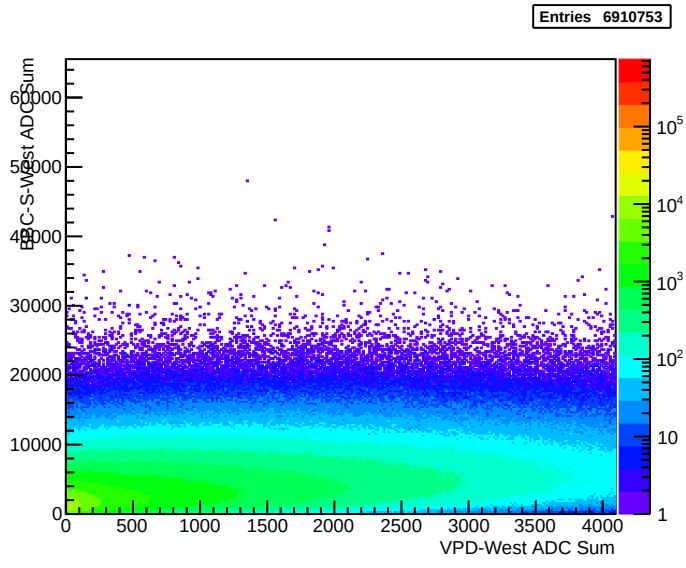

Entries 6910753
TOF Mult
ZDC-East ADC Sum Att

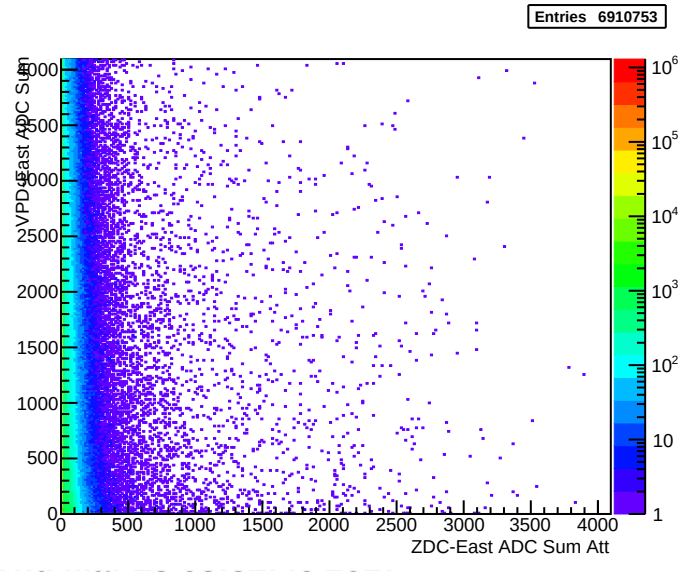

Entries 6910753
TOF Mult
ZDC-West ADC Sum Att

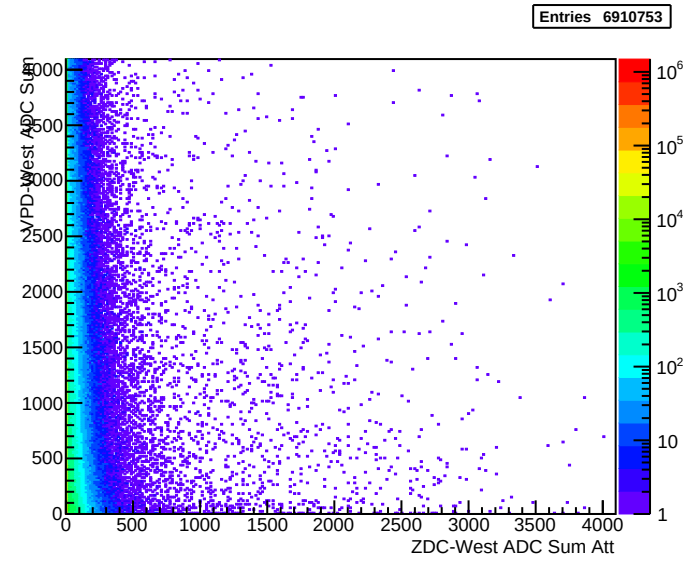

Entries 6910753
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

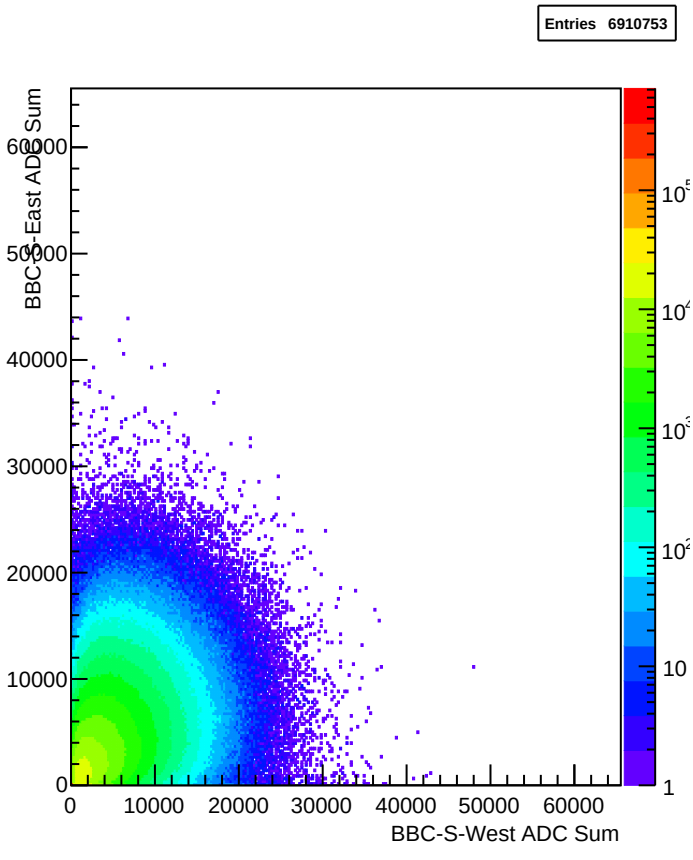

Entries 6910753
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

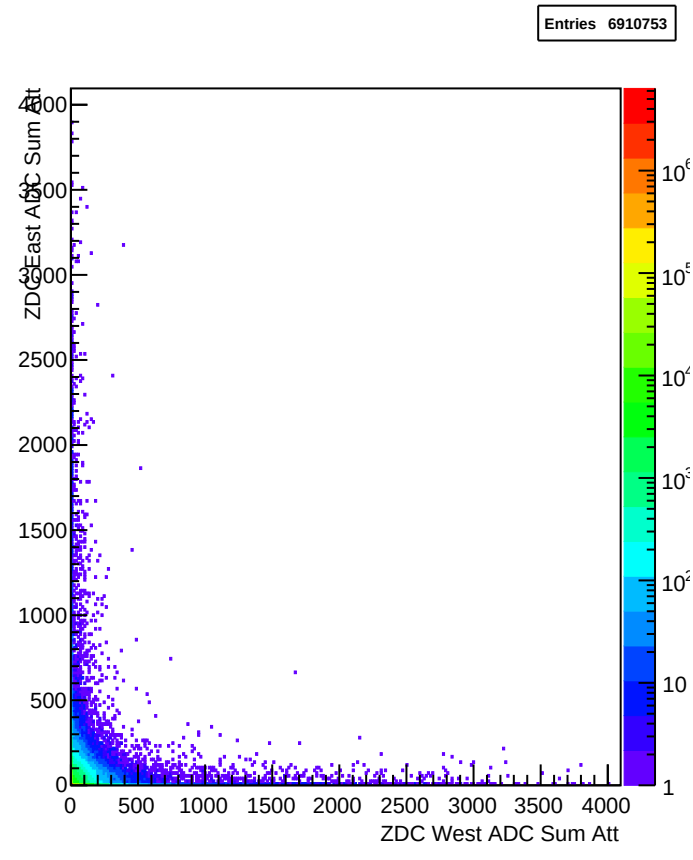

Entries 6910753
BBC-S-East ADC Sum
VPD-East ADC Sum

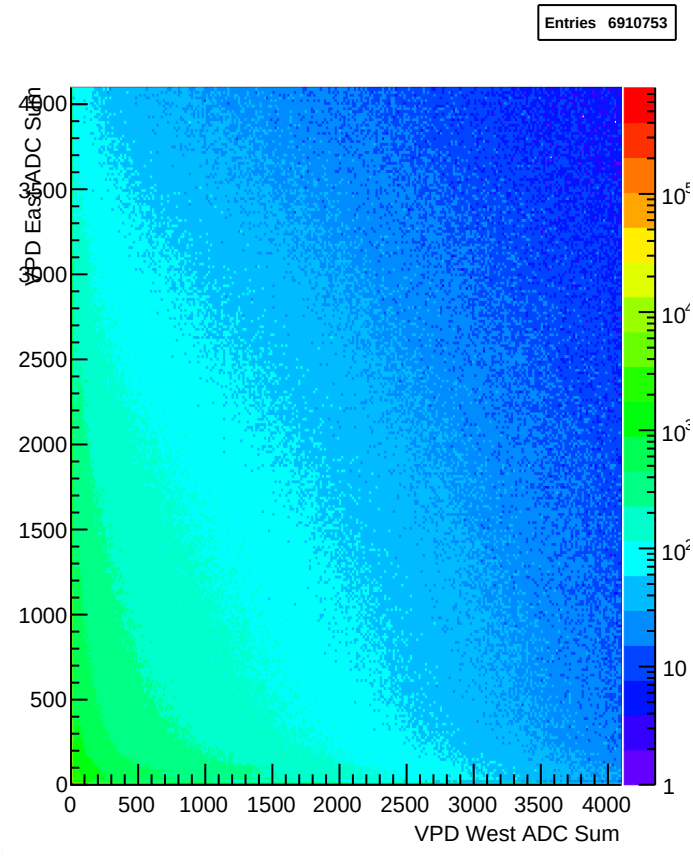

Entries 6910753
BBC-S-West ADC Sum
VPD-West ADC Sum

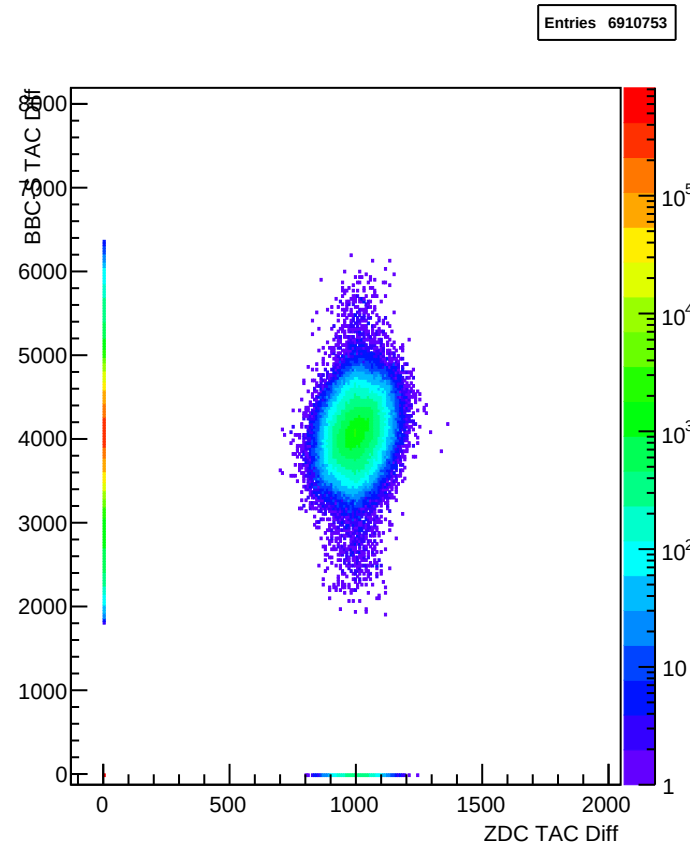

Entries 6910753
VPD-East ADC Sum
ZDC-East ADC Sum Att

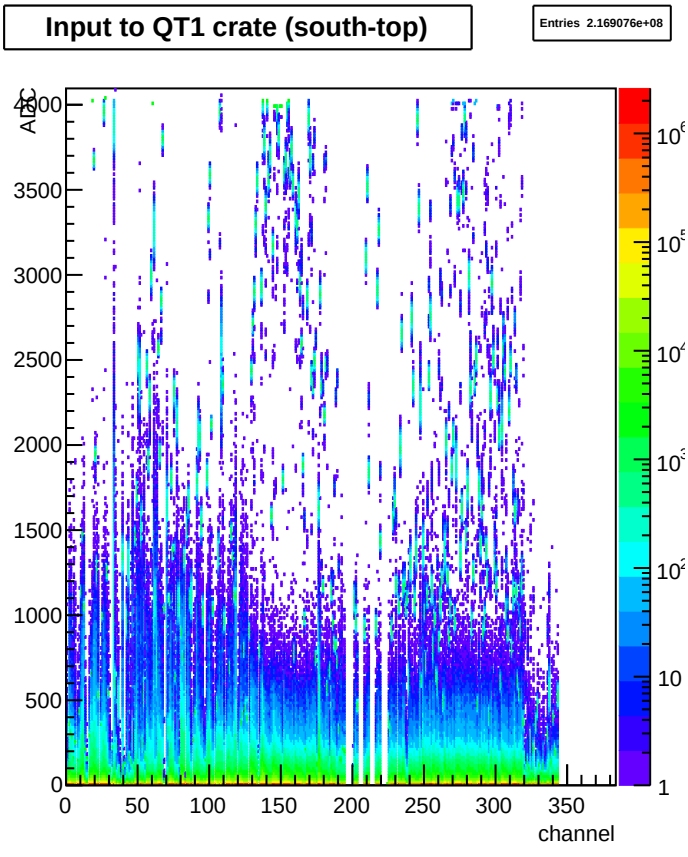

Entries 6910753
VPD-West ADC Sum
ZDC-West ADC Sum Att

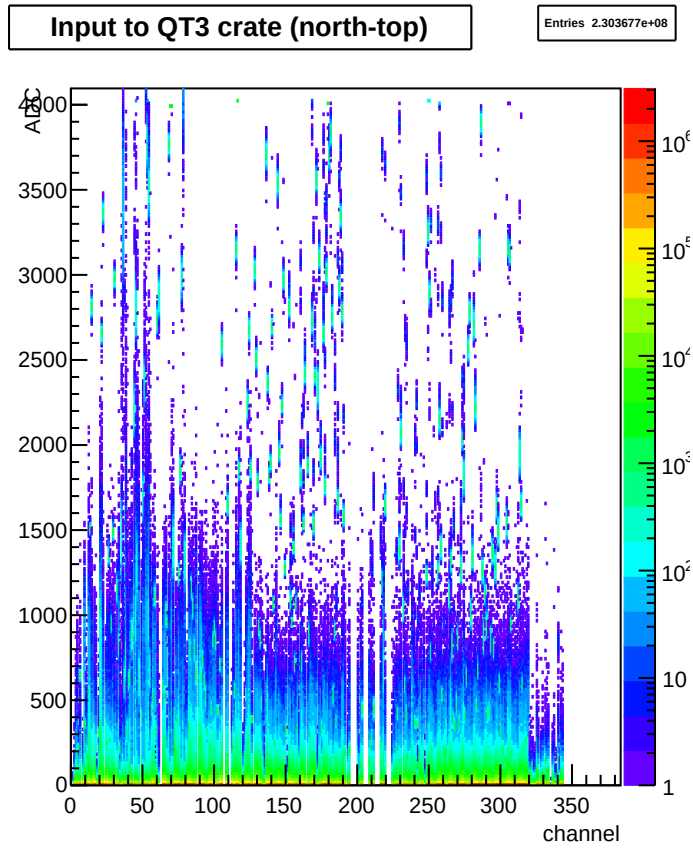

Entries 6910753
BBC-S-East ADC Sum
BBC-S-West ADC Sum

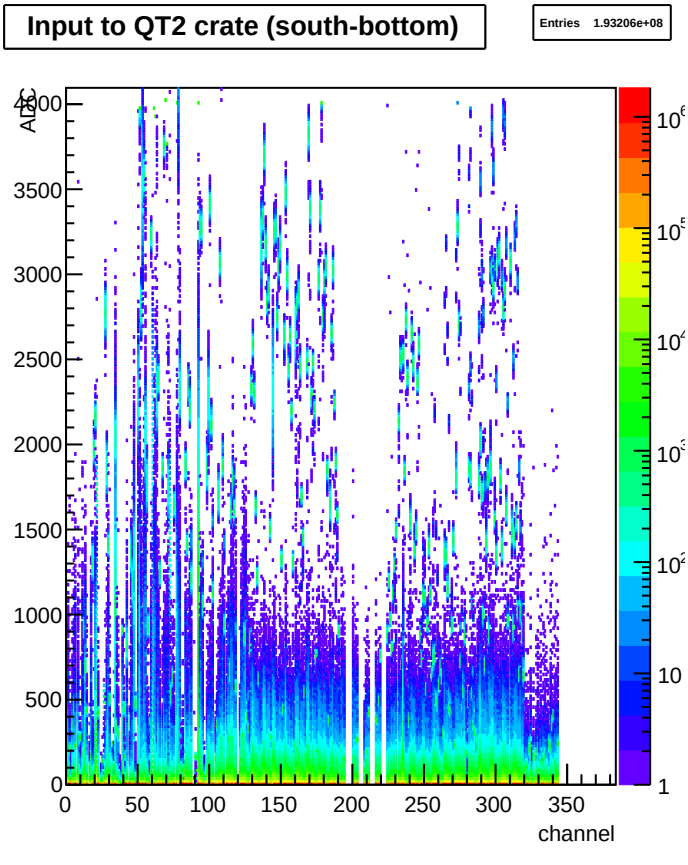

Entries 6910753
ZDC East ADC Sum Att
ZDC West ADC Sum Att

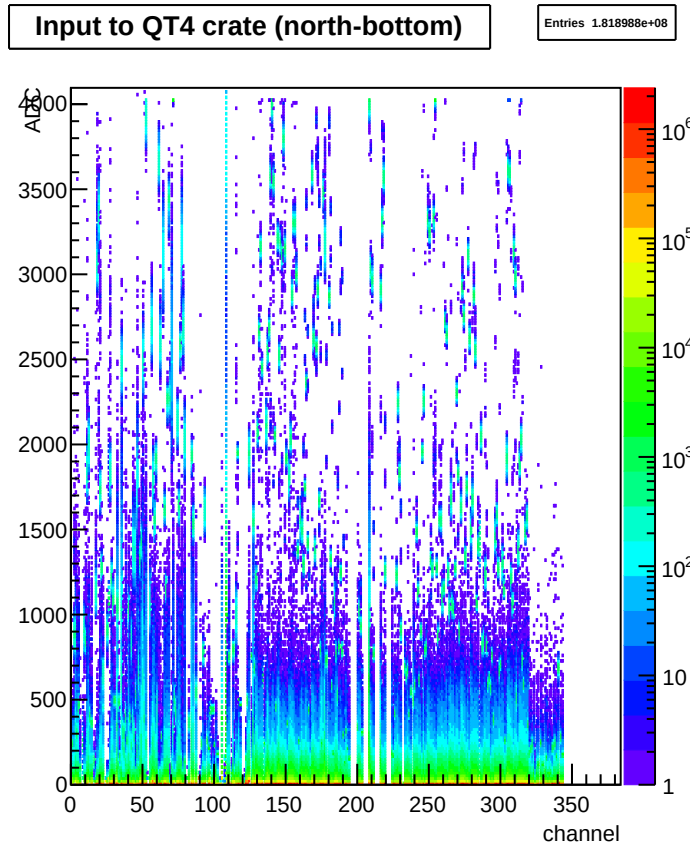

Entries 6910753
VPD East ADC Sum
VPD West ADC Sum

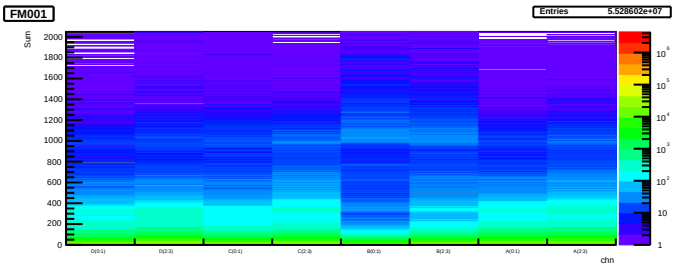

Entries 6910753
BBC-S TAC Diff
ZDC TAC Diff

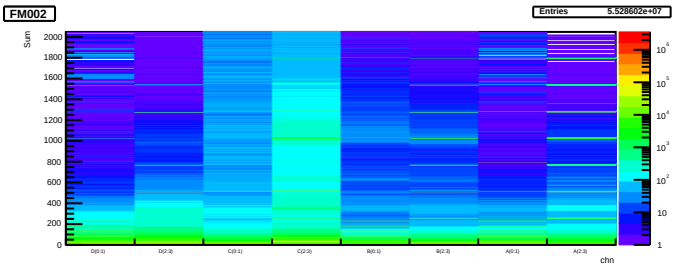

Input to QT1 crate (south-top)
Entries 2.169076e+08
ADC
channel

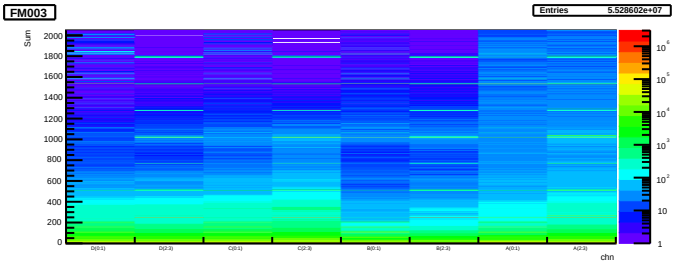

Input to QT3 crate (north-top)
Entries 2.303677e+08
ADC
channel

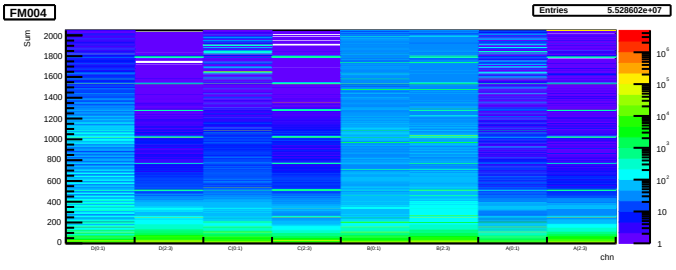

Input to QT2 crate (south-bottom)
Entries 1.93206e+08
ADC
channel

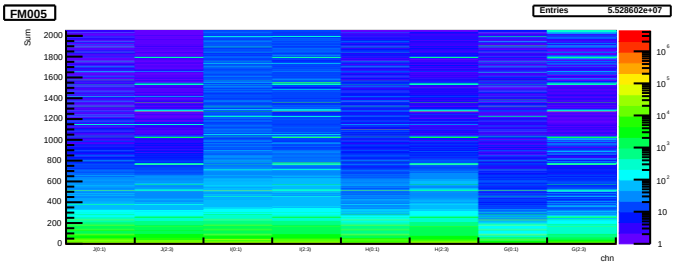

Input to QT4 crate (north-bottom)
Entries 1.818988e+08
ADC
channel

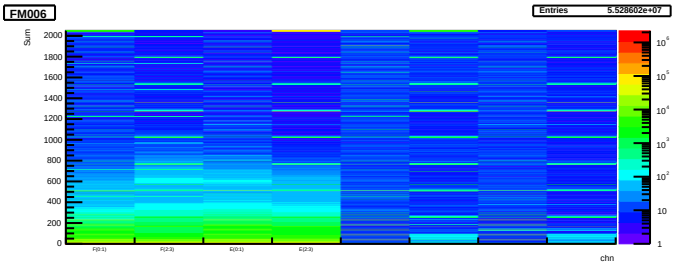

FM001
Entries 5.528602e+07
Sum
chn

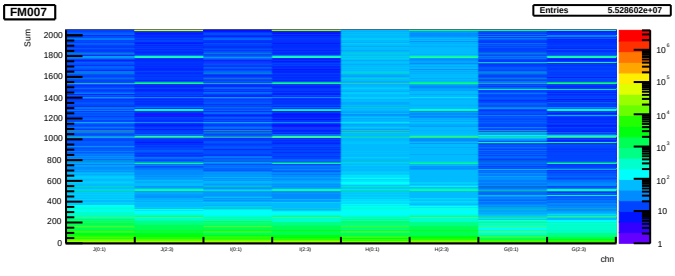

FM002
Entries 5.528602e+07
Sum
chn

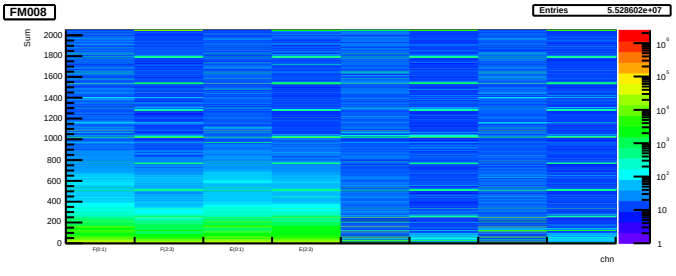

FM003
Entries 5.528602e+07
Sum
chn


FM004
Entries 5.528602e+07
Sum
chn


FM005
Entries 5.528602e+07
Sum
chn


FM006
Entries 5.528602e+07
Sum
chn


FM007
Entries 5.528602e+07
Sum
chn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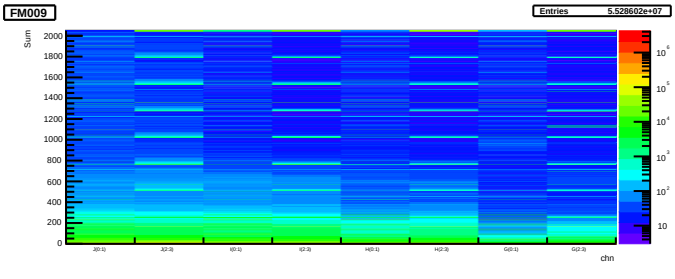
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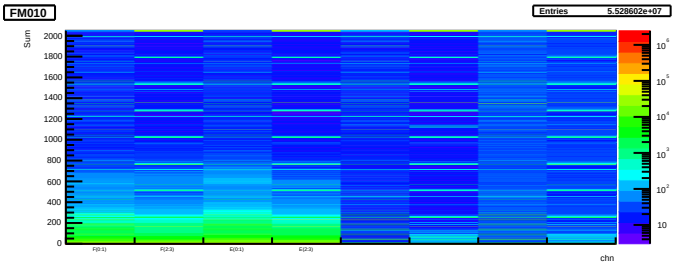
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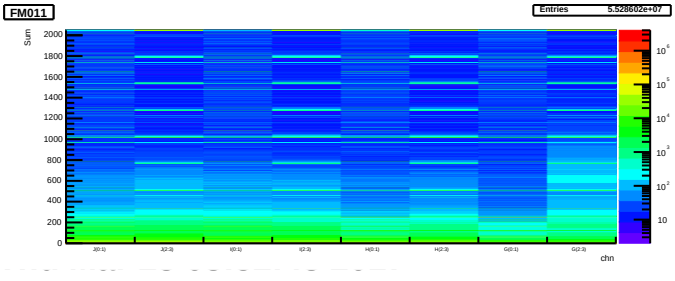
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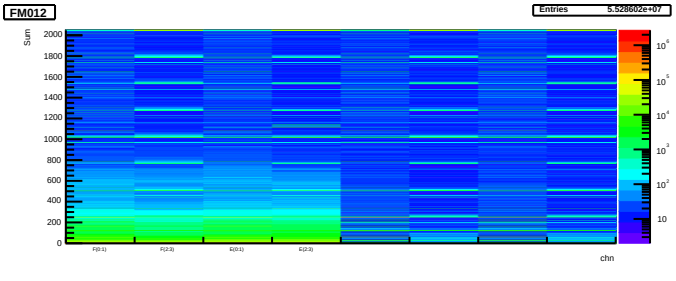
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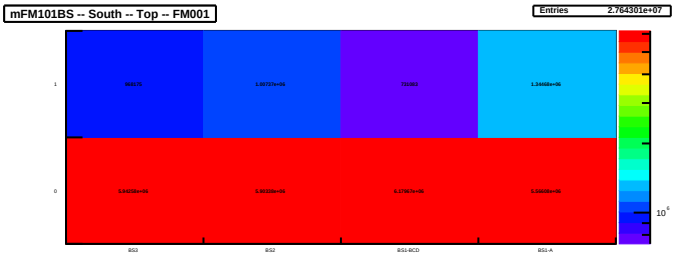
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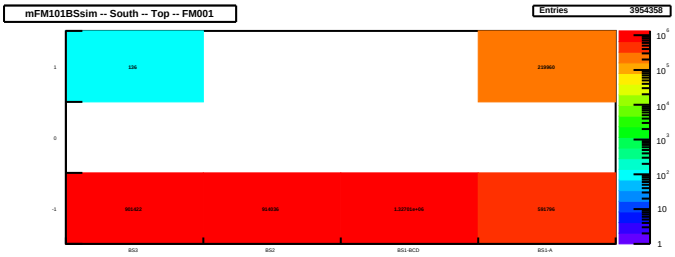
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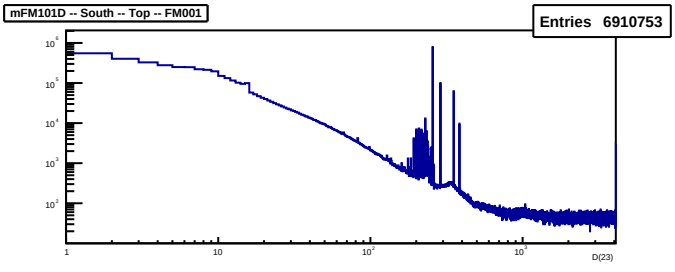
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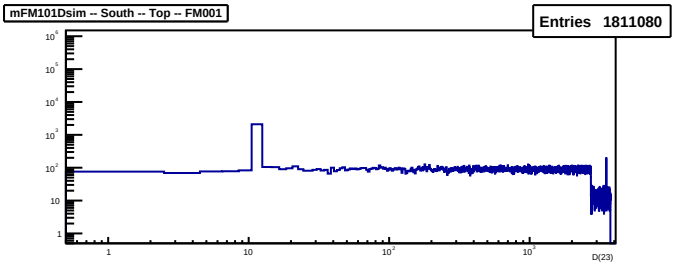
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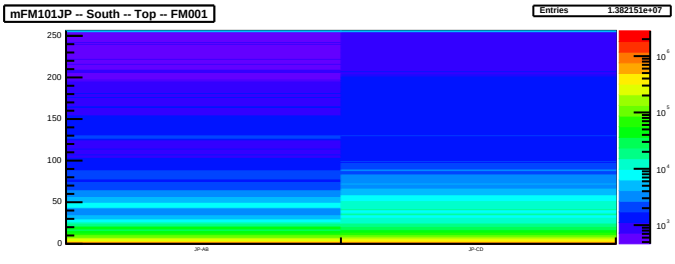
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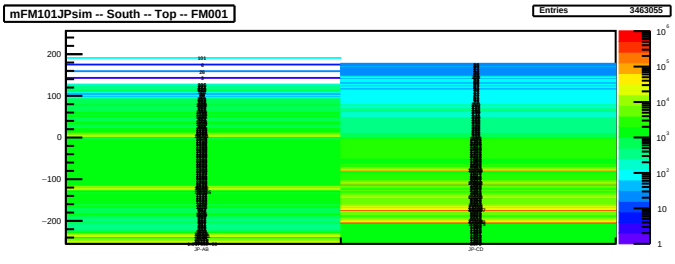
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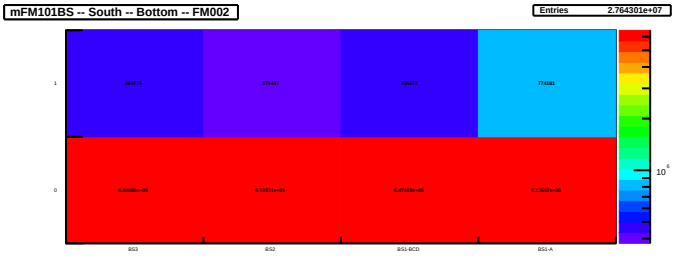
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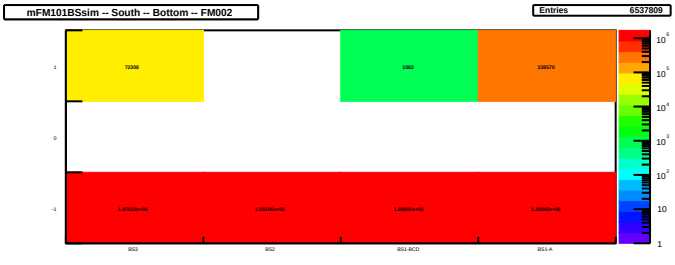
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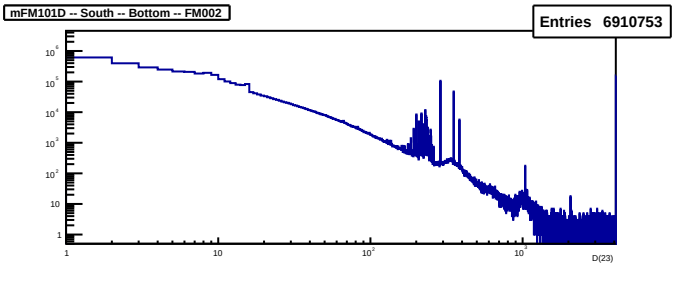
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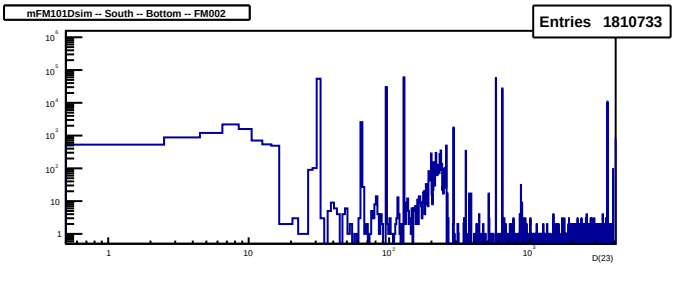
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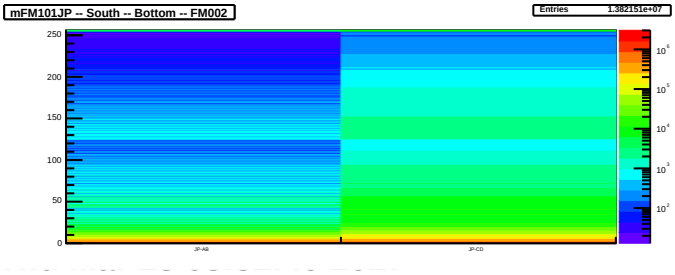
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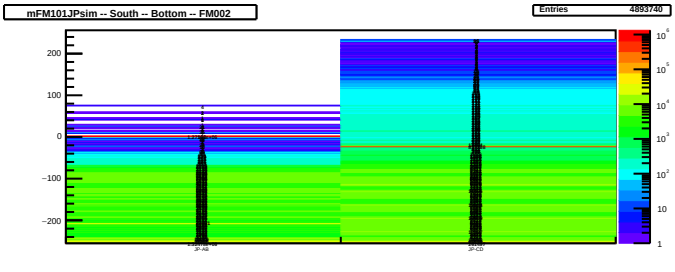
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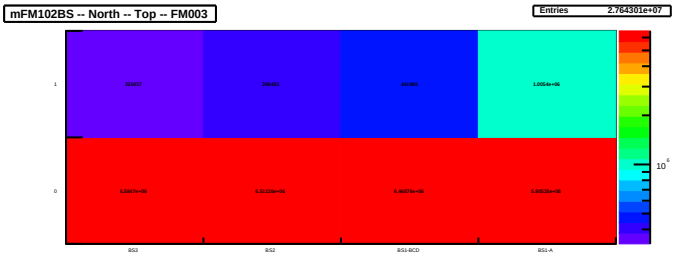
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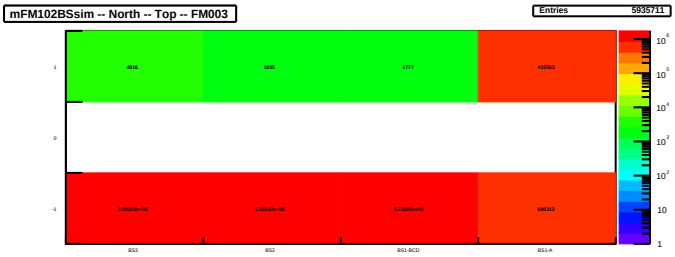
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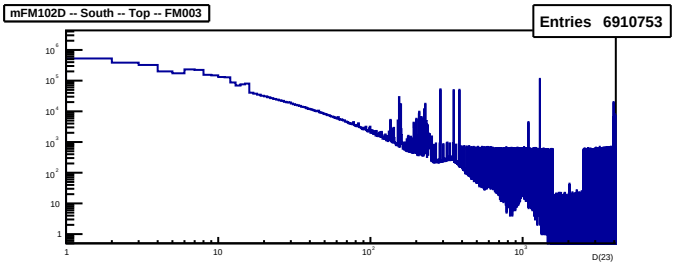
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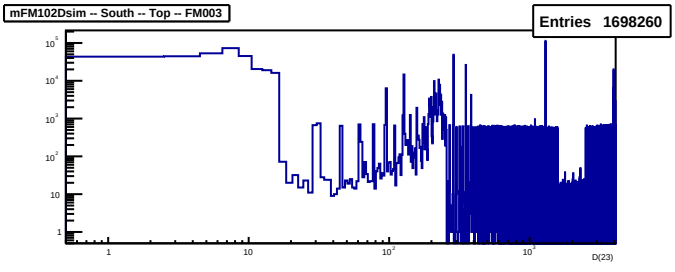
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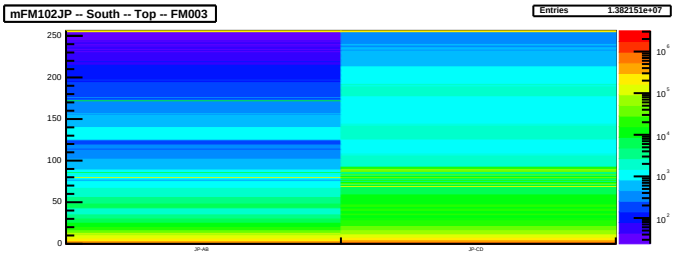
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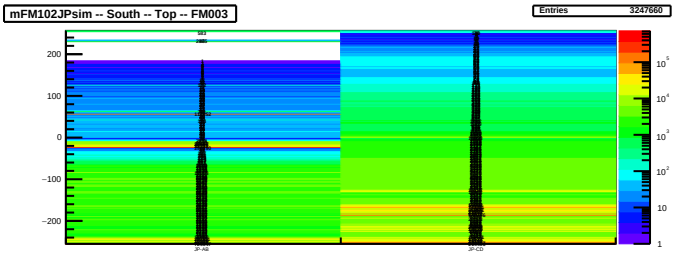
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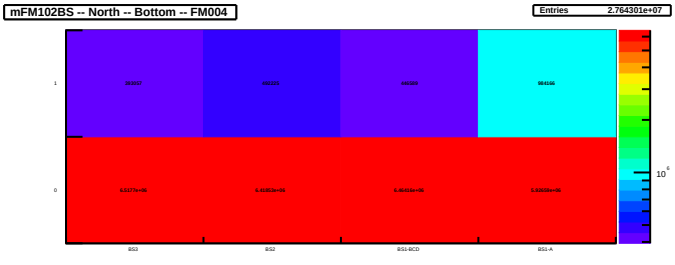
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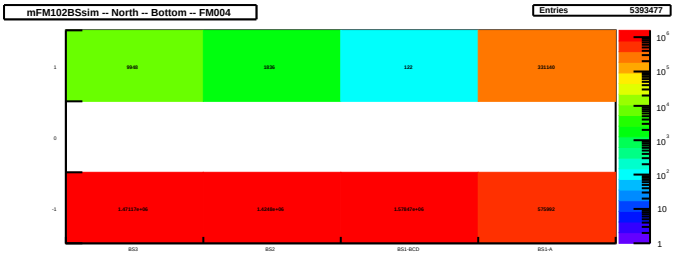
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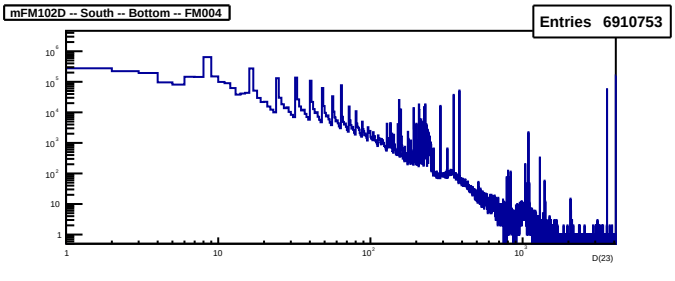
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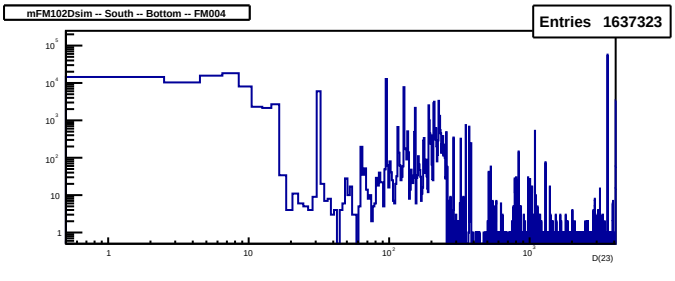
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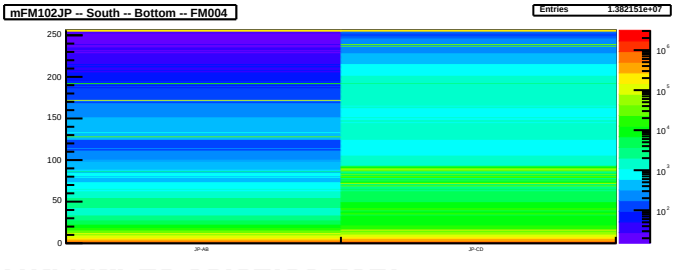
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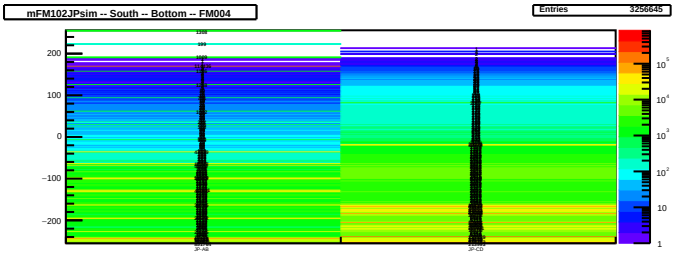
Entries 1.382151e+07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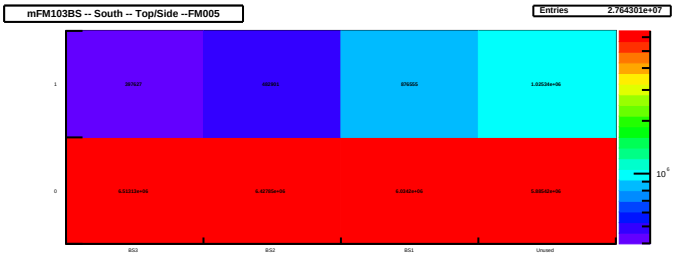
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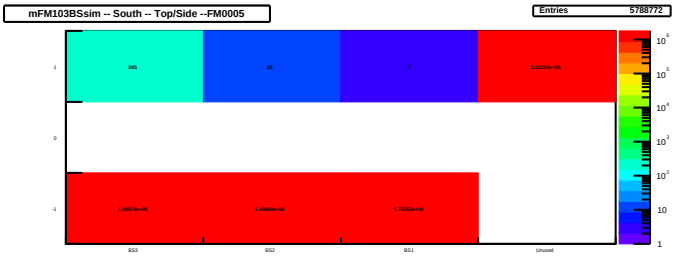
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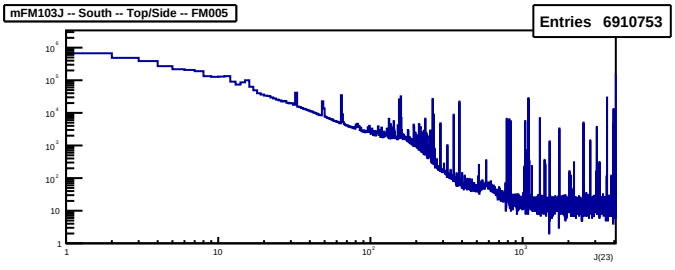
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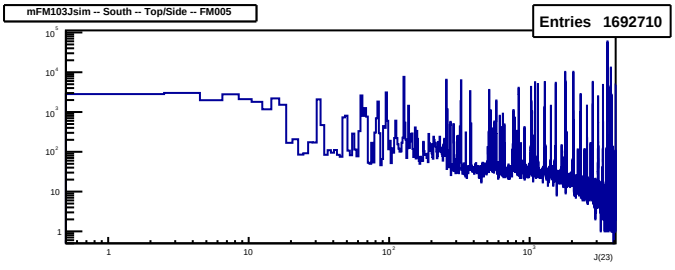
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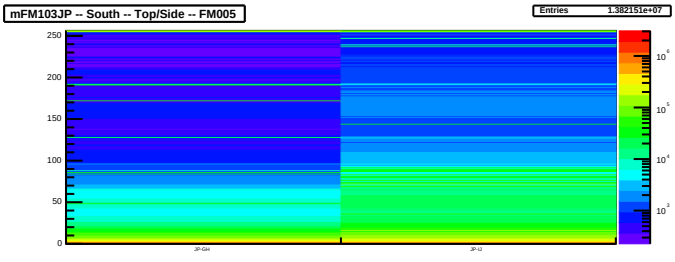
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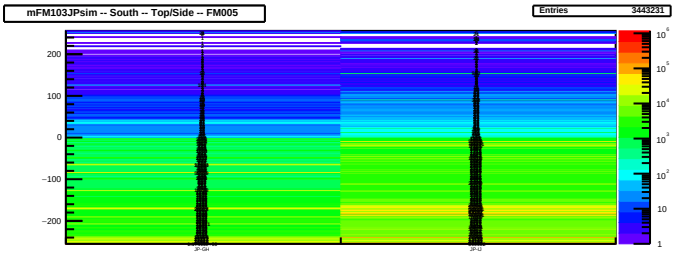
Entries 1.382151e+07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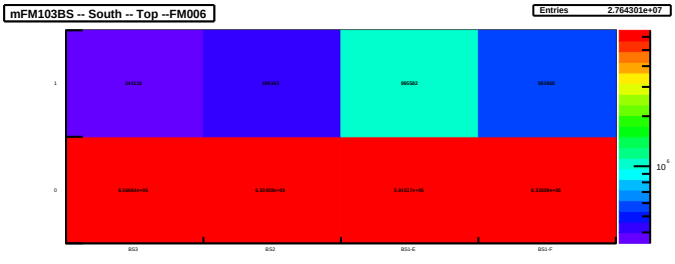
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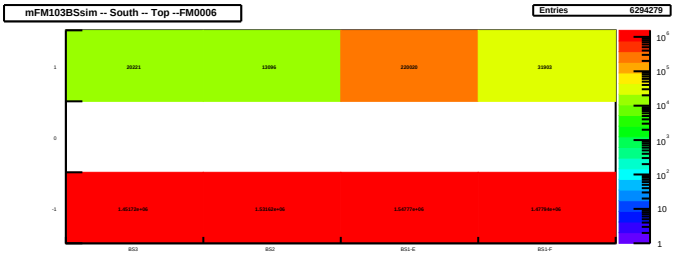
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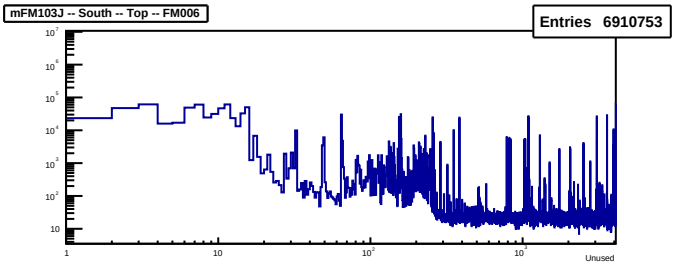
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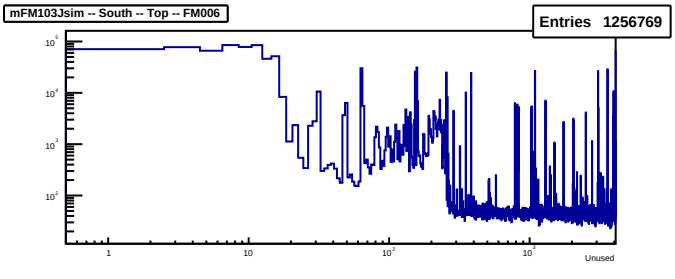
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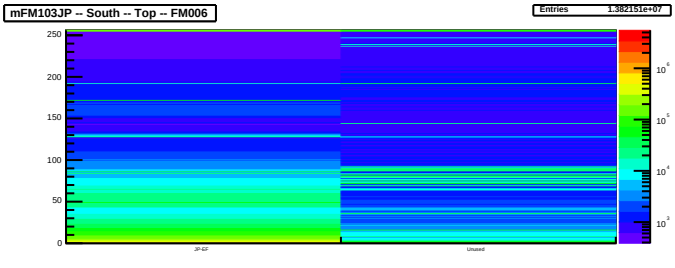
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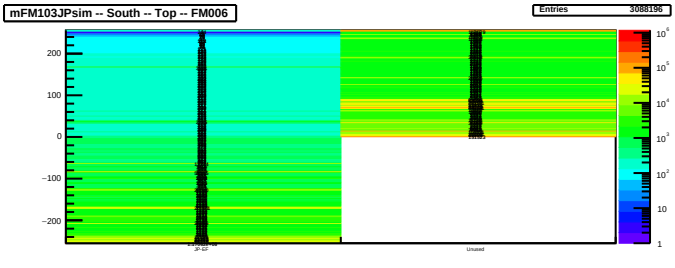
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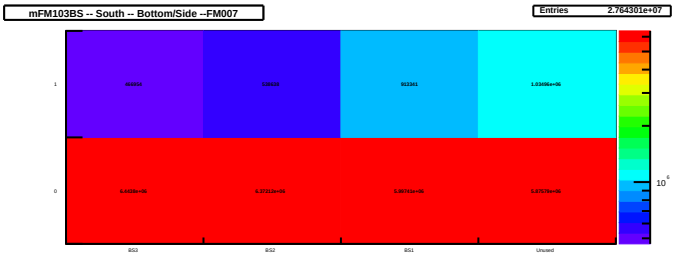
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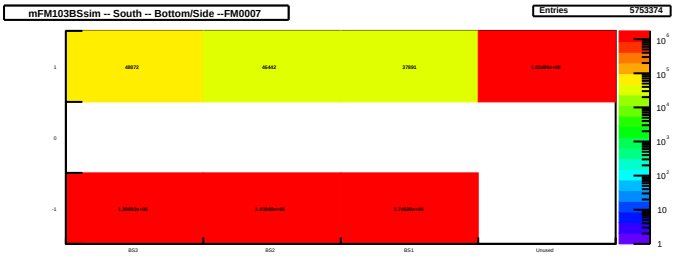
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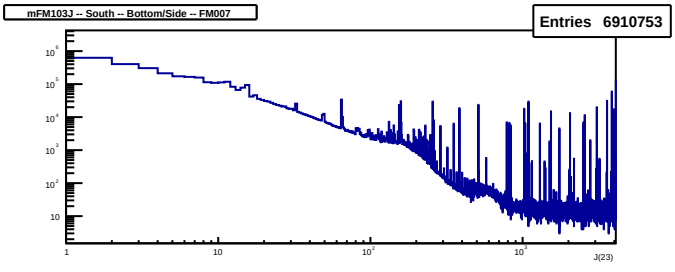
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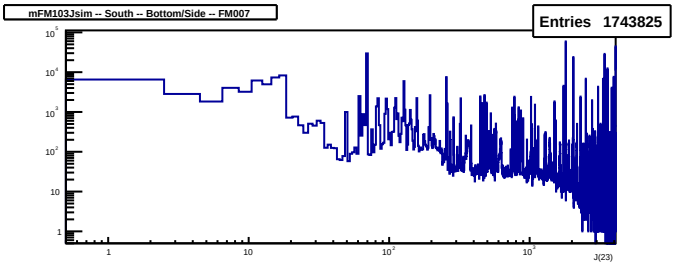
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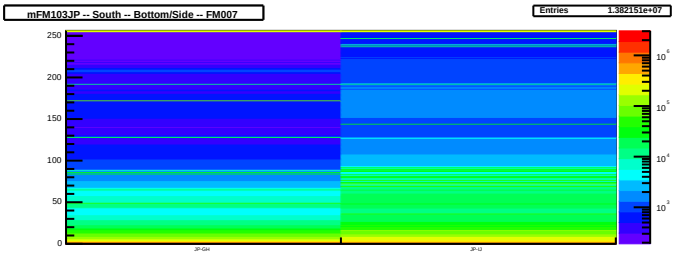
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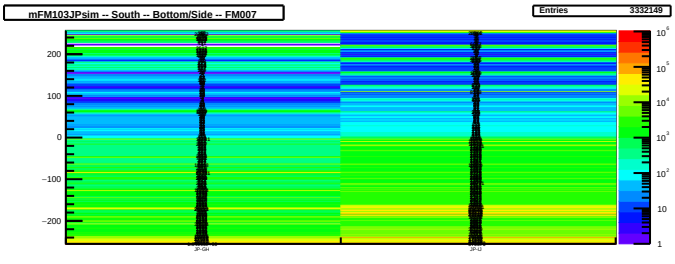
Entries 1.382151e+07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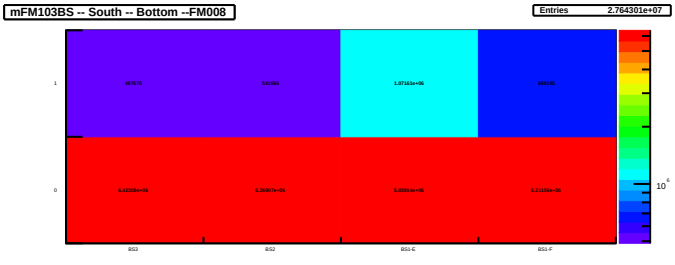
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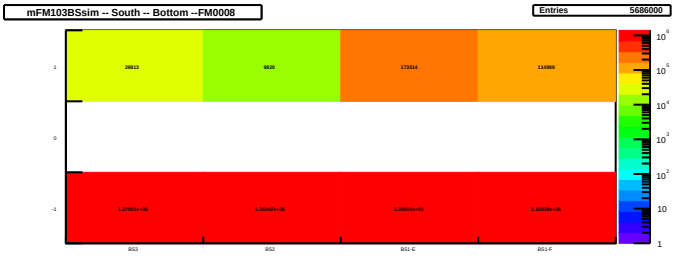
Entries 2.764301e+07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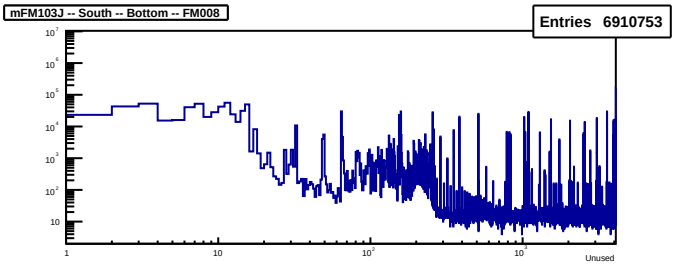
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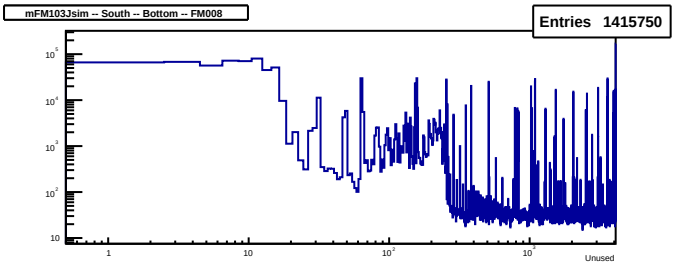
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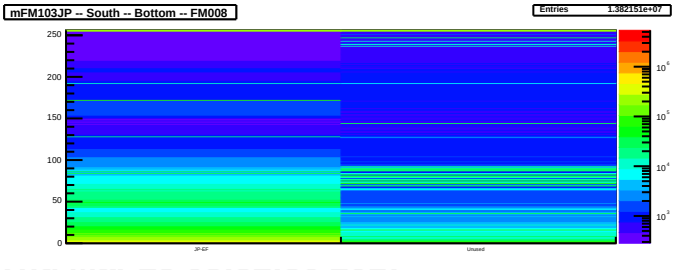
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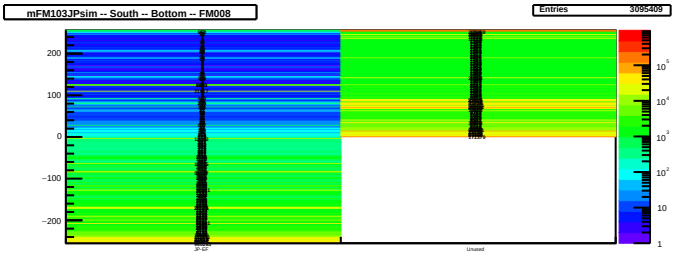
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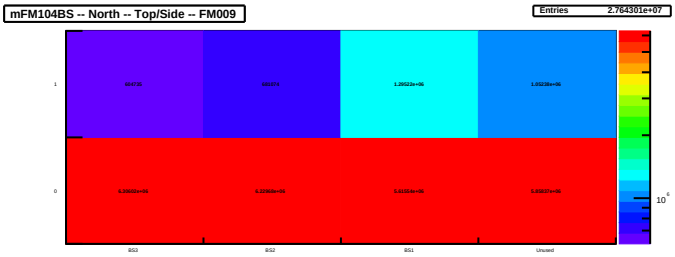
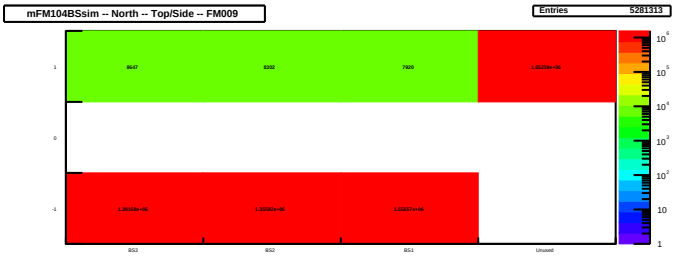
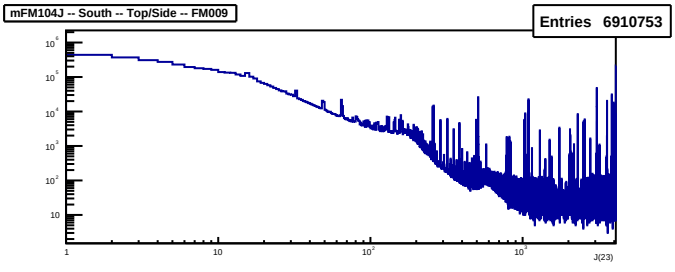
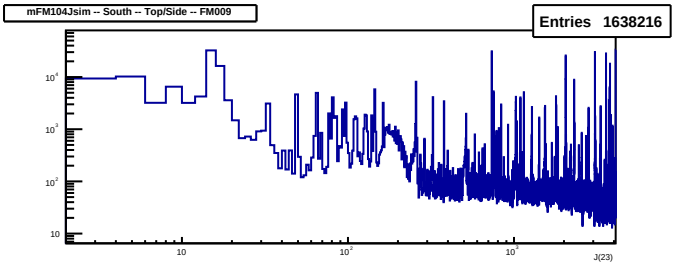

mFM104BS -- North -- Top/Side -- FM009
Entries 2.764301e+07


mFM104BSsim -- North -- Top/Side -- FM009
Entries 5281313


mFM104J -- South -- Top/Side -- FM009
Entries 6910753
J(23)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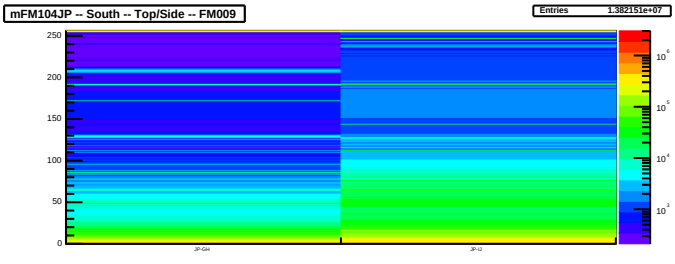
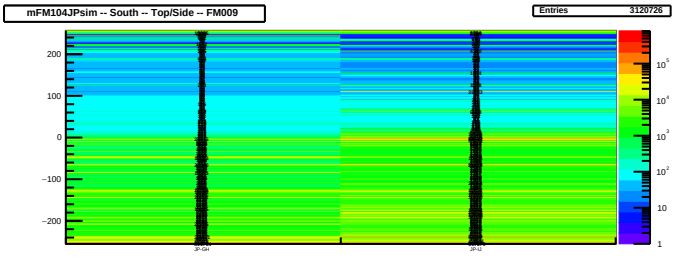
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 1.382151e+07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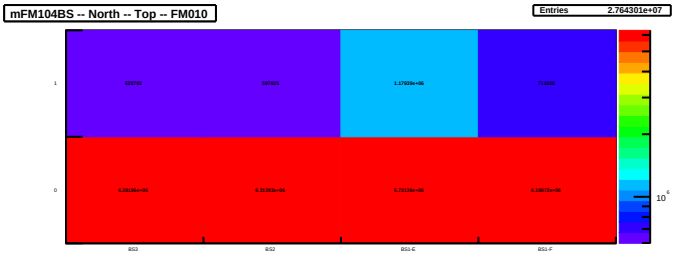
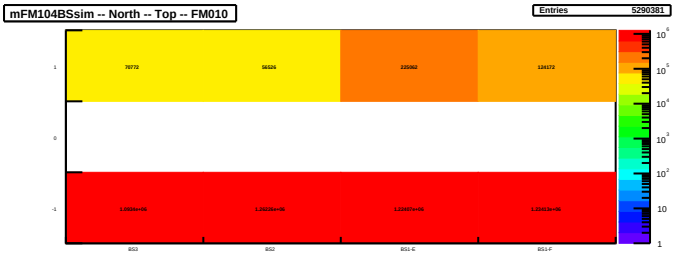

mFM104BS -- North -- Top -- FM010
Entries 2.764301e+07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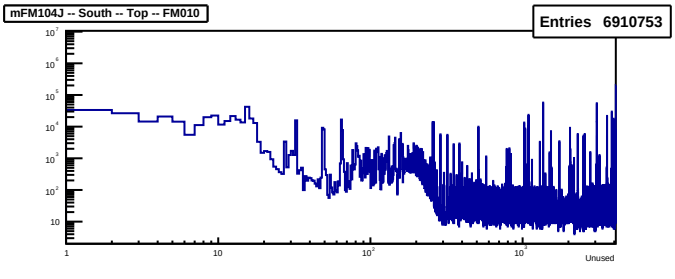
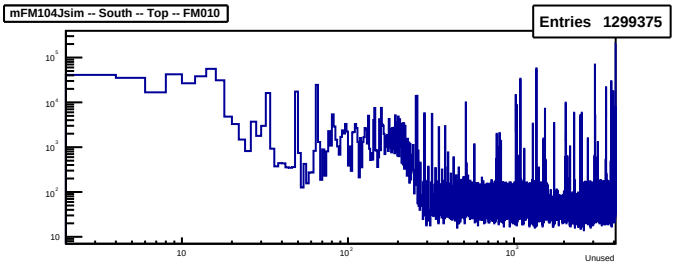
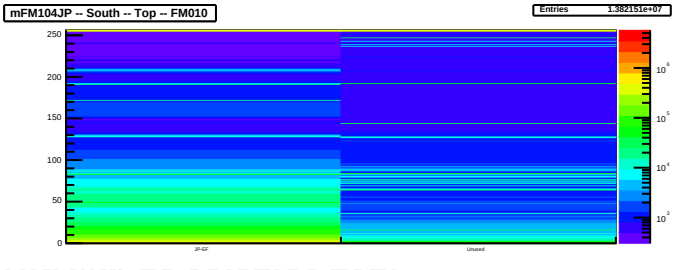
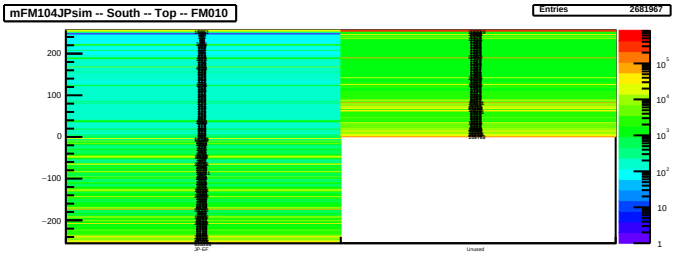
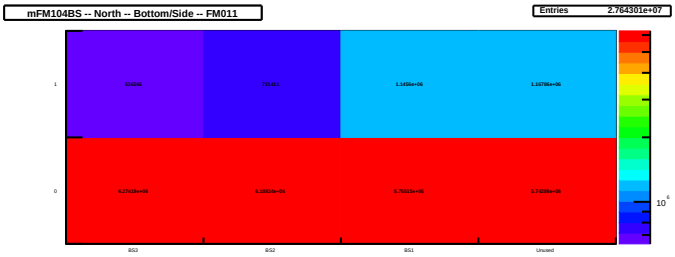
Entries 5290381

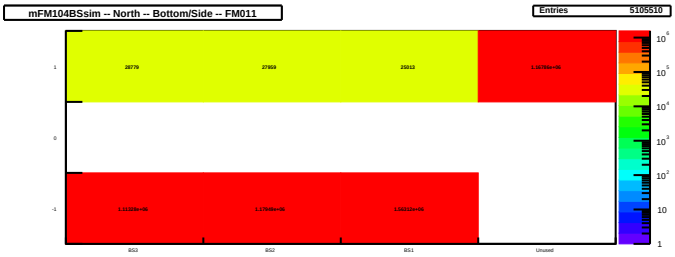

mFM104J -- South -- Top -- FM010
Entries 6910753
Unused

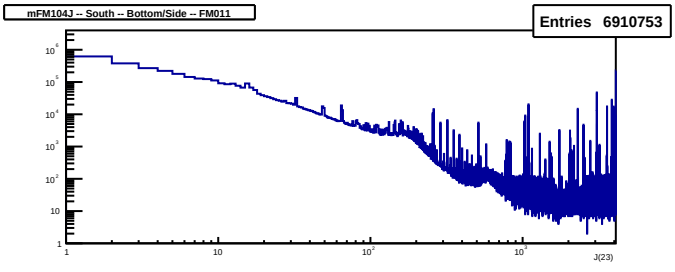

mFM104Jsim -- South -- Top -- FM010
Entries 1299375
Unused

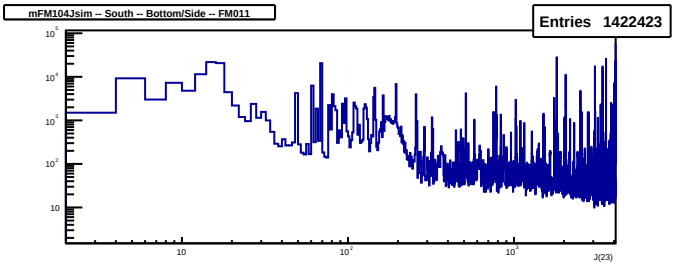

mFM104JP -- South -- Top -- FM010
Entries 1.382151e+07

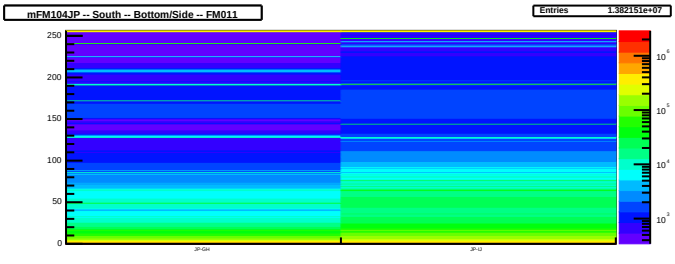

mFM104JPsim -- South -- Top -- FM010
Entries 2681967

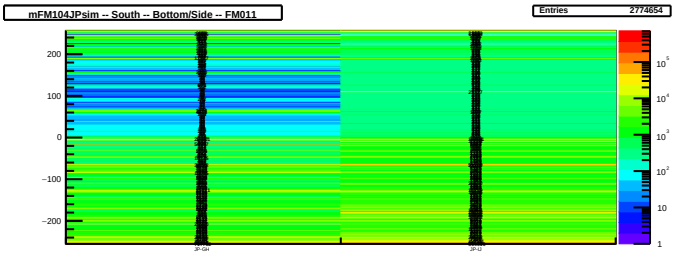

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2.764301e+07

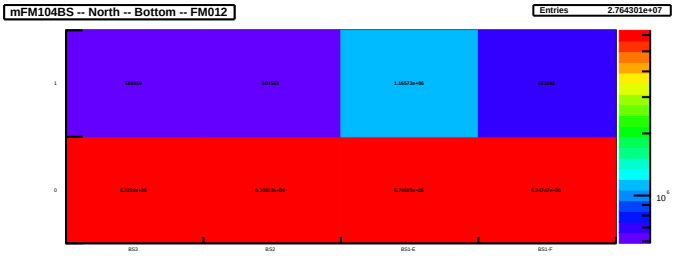

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 5105510

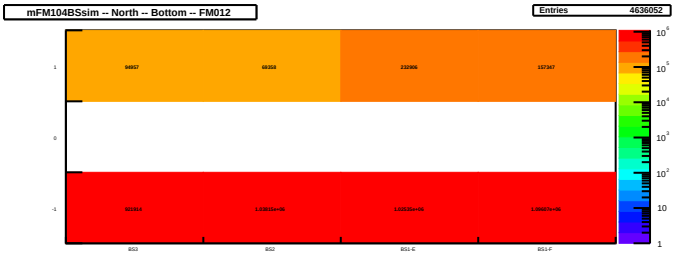

mFM104J -- South -- Bottom/Side -- FM011
Entries 6910753
J(23)

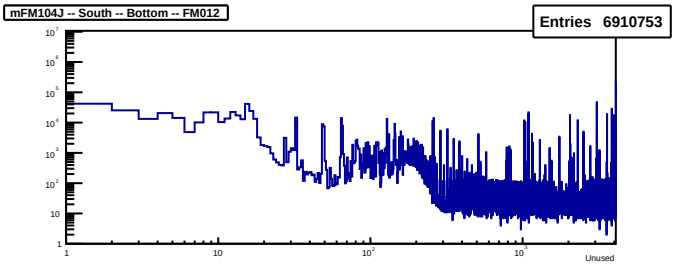

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1422423
J(23)

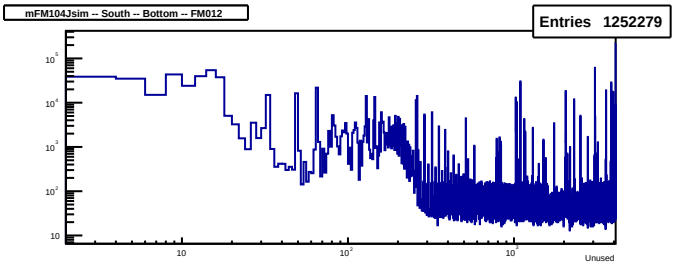

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.382151e+07

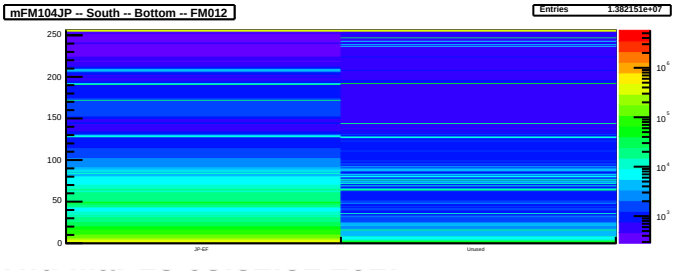

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 2774654

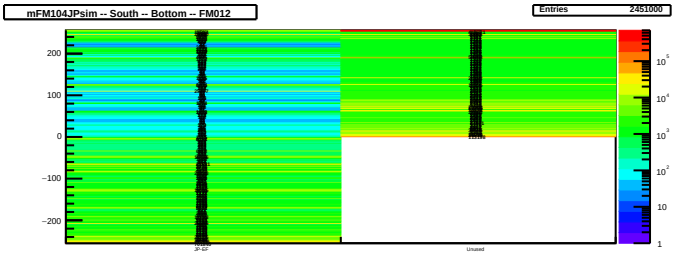

mFM104BS -- North -- Bottom -- FM012
Entries 2.764301e+07

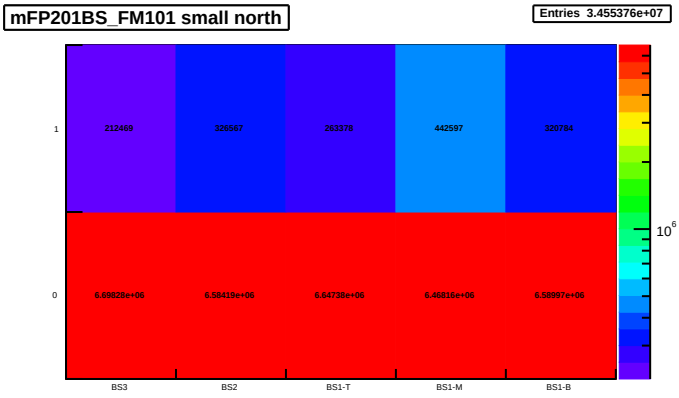

mFM104BSsim -- North -- Bottom -- FM012
Entries 4636052


mFM104J -- South -- Bottom -- FM012
Entries 6910753
Unused


mFM104Jsim -- South -- Bottom -- FM012
Entries 1252279
Unused


mFM104JP -- South -- Bottom -- FM012
Entries 1.382151e+07


mFM104JPsim -- South -- Bottom -- FM012
Entries 2451000


mFP201BS_FM101 small north
Entries 3.455376e+07
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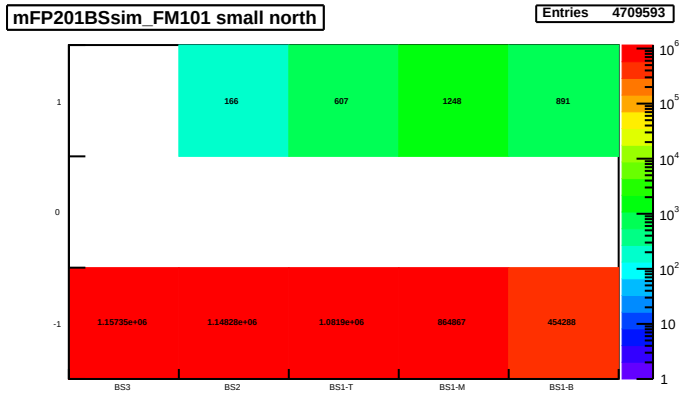
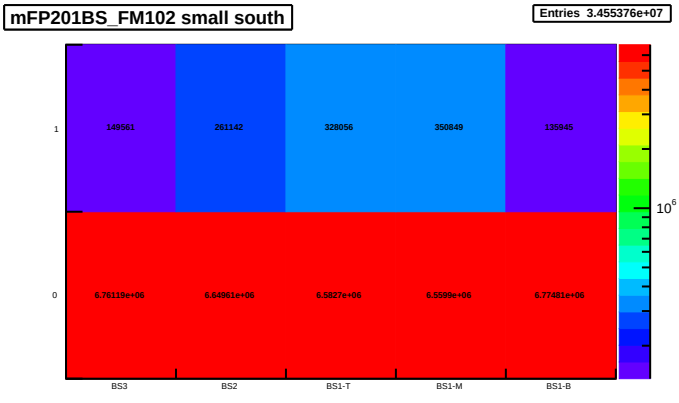
0
212469
326567
263378
442597
320784
6.69828e+06
6.58419e+06
6.64738e+06
6.46816e+06
6.58997e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6


mFP201BSsim_FM101 small north
Entries 4709593
1
0
-1
166
607
1248
891
1.15735e+06
1.14828e+06
1.0819e+06
864867
454288
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1


mFP201BS_FM102 small south
Entries 3.455376e+07
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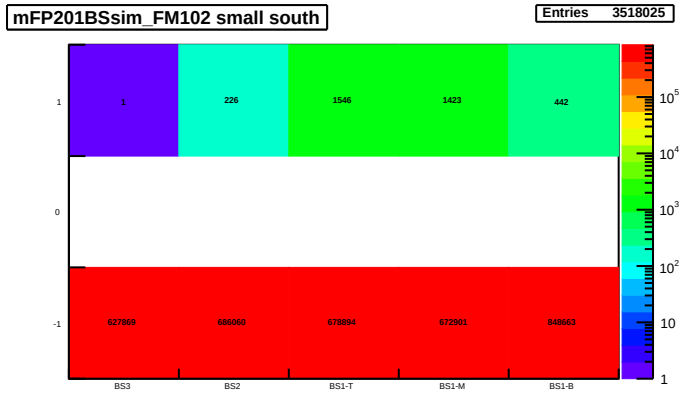
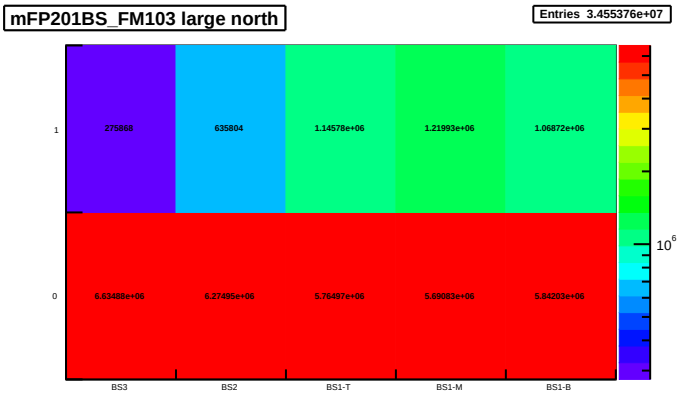
0
149561
261142
328056
350849
135945
6.76119e+06
6.64961e+06
6.5827e+06
6.5599e+06
6.77481e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6


mFP201BSsim_FM102 small south
Entries 3518025
1
0
-1
1
226
1546
1423
442
627869
686060
678894
672901
848663
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1


mFP201BS_FM103 large north
Entries 3.455376e+07
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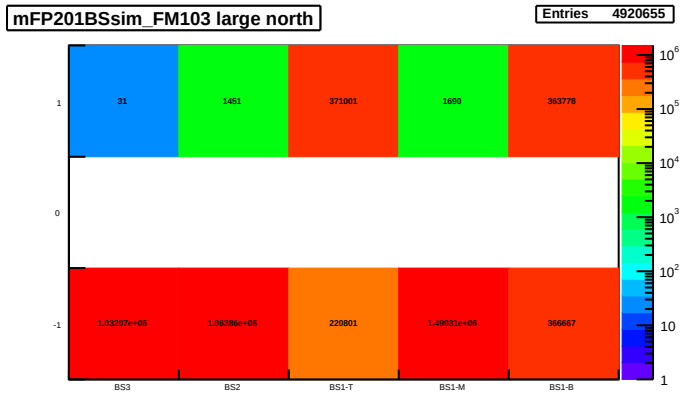
0
275868
635804
1.14578e+06
1.21993e+06
1.06872e+06
6.63488e+06
6.27495e+06
5.76497e+06
5.69083e+06
5.84203e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6


mFP201BSsim_FM103 large north
Entries 4920655
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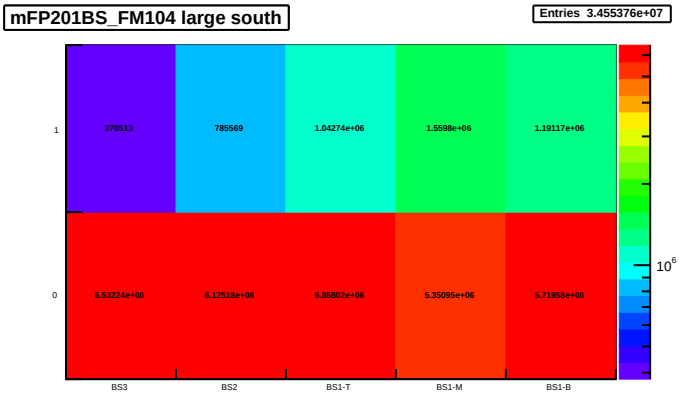
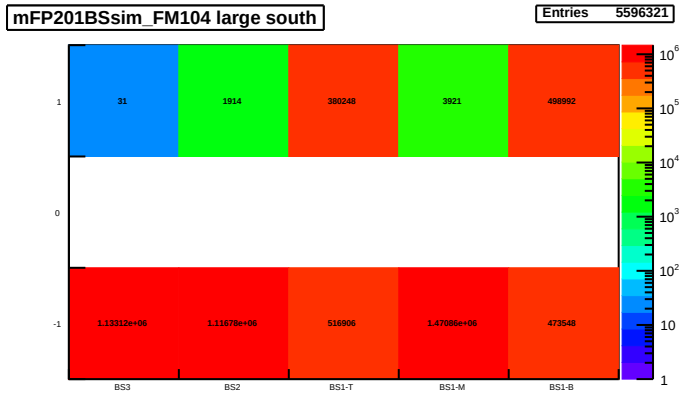
-1
31
1451
371001
1690
363778
1.03207e+06
1.06386e+06
220801
1.49931e+06
366667
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1


mFP201BS_FM104 large south
Entries 3.455376e+07
1
0
378513
785569
1.04274e+06
1.5598e+06
1.19117e+06
6.53224e+06
6.12518e+06
5.86802e+06
5.35095e+06
5.71958e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6


mFP201BSsim_FM104 large south
Entries 5596321
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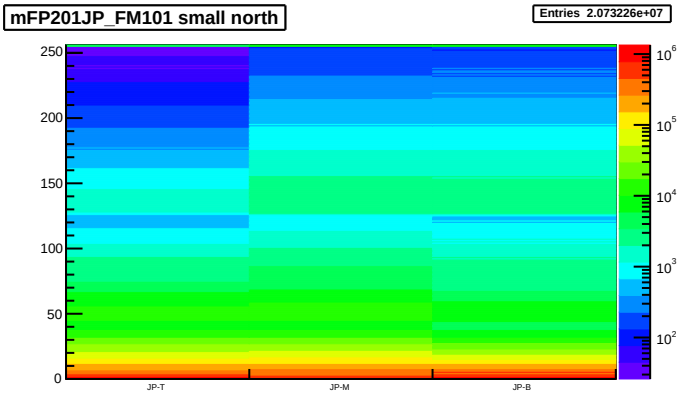
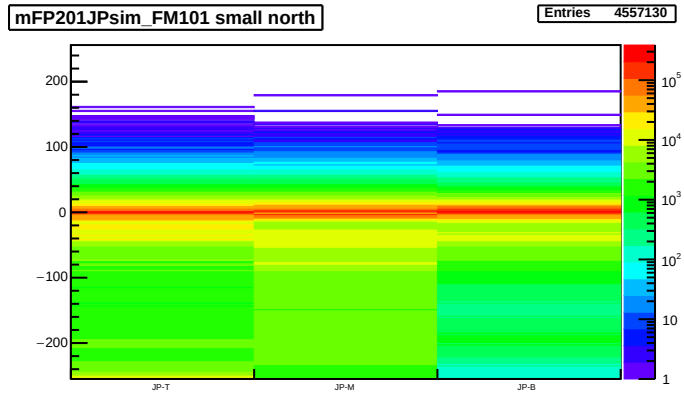
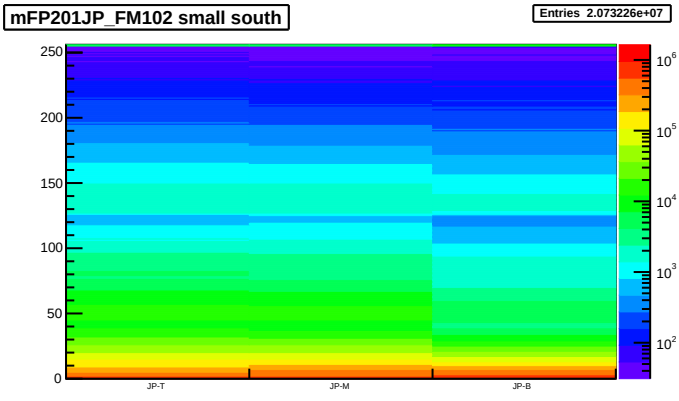
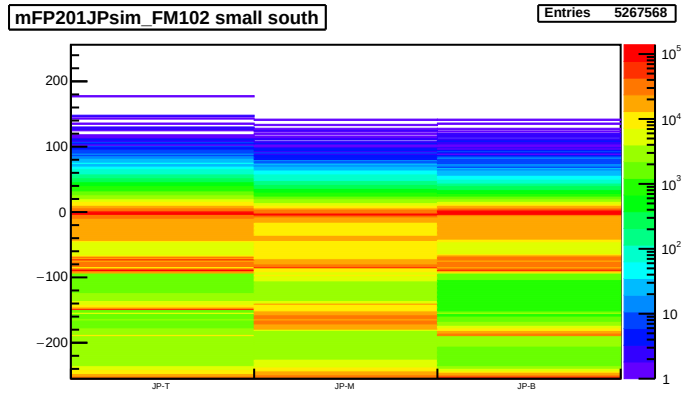
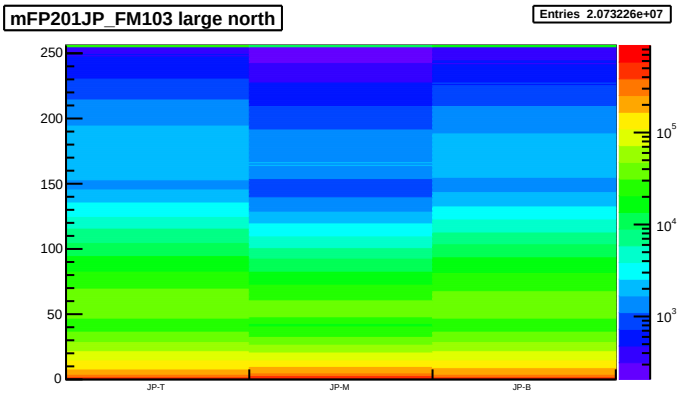
0
-1
31
1914
380248
3921
498992
1.13312e+06
1.11678e+06
516906
1.47086e+06
473548
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

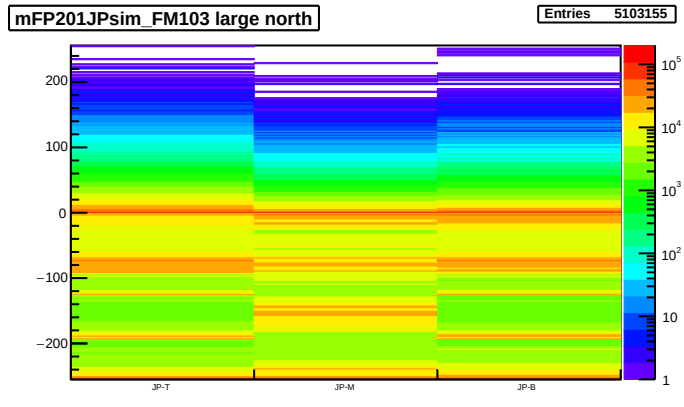

mFP201JP_FM101 small north
Entries 2.073226e+07
JP-T
JP-M
JP-B

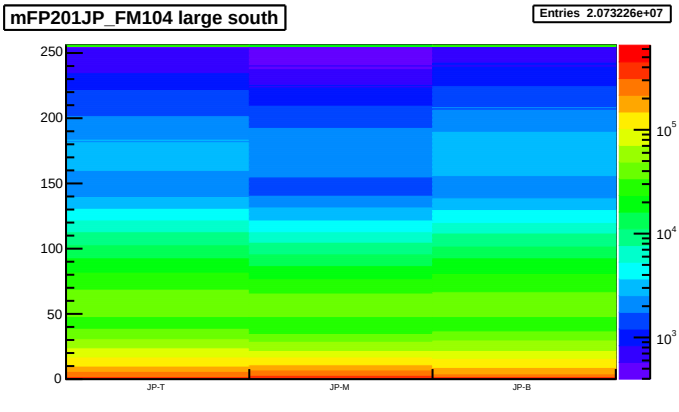

mFP201JPsim_FM101 small north
Entries 4557130
JP-T
JP-M
JP-B

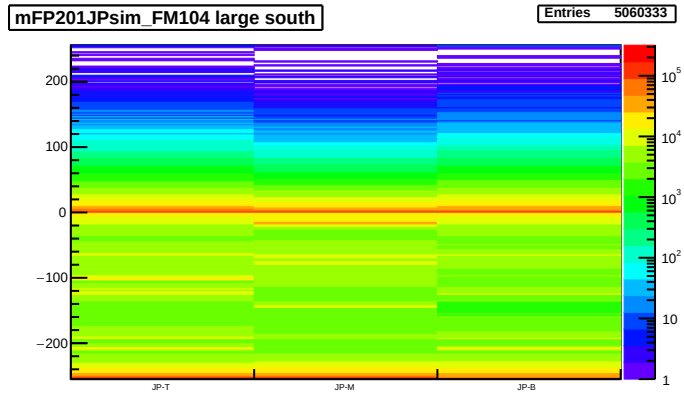

mFP201JP_FM102 small south
Entries 2.073226e+07
JP-T
JP-M
JP-B

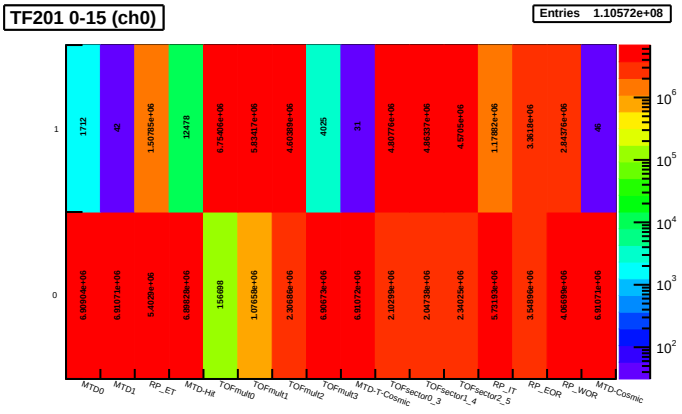

mFP201JPsim_FM102 small south
Entries 5267568
JP-T
JP-M
JP-B

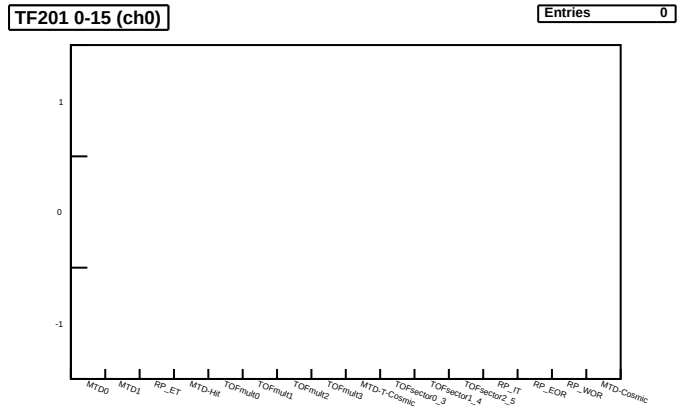

mFP201JP_FM103 large north
Entries 2.073226e+07
JP-T
JP-M
JP-B

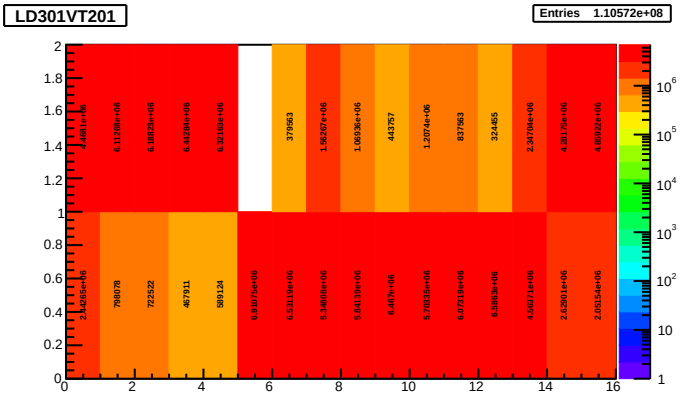

mFP201JPsim_FM103 large north
Entries 5103155
JP-T
JP-M
JP-B

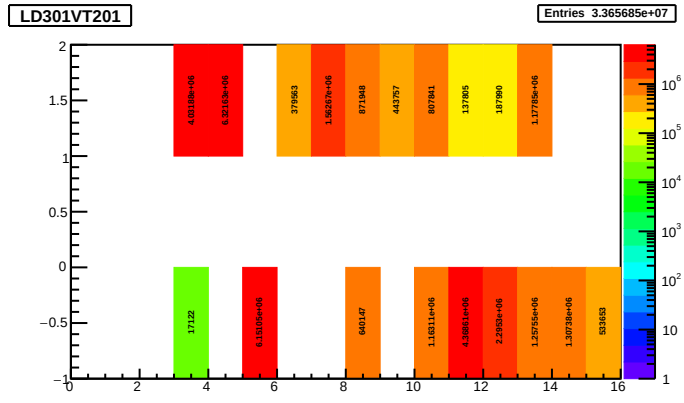

mFP201JP_FM104 large south
Entries 2.073226e+07
JP-T
JP-M
JP-B

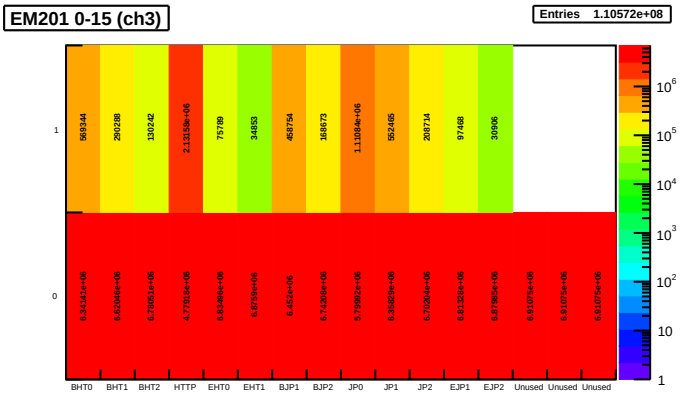

mFP201JPsim_FM104 large south
Entries 5060333
JP-T
JP-M
JP-B

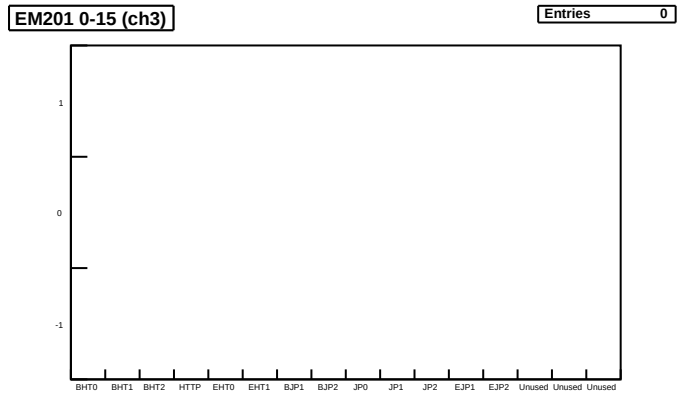

TF201 0-15 (ch0)
Entries 1.10572e+08
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic


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 1.10572e+08


LD301VT201
Entries 3.365685e+07


EM201 0-15 (ch3)
Entries 1.10572e+08
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused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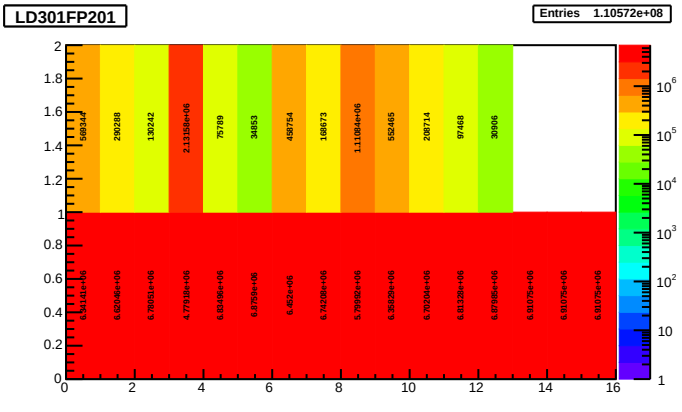
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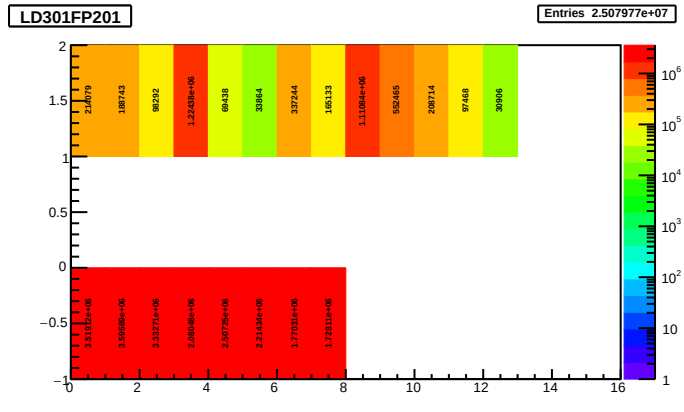
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