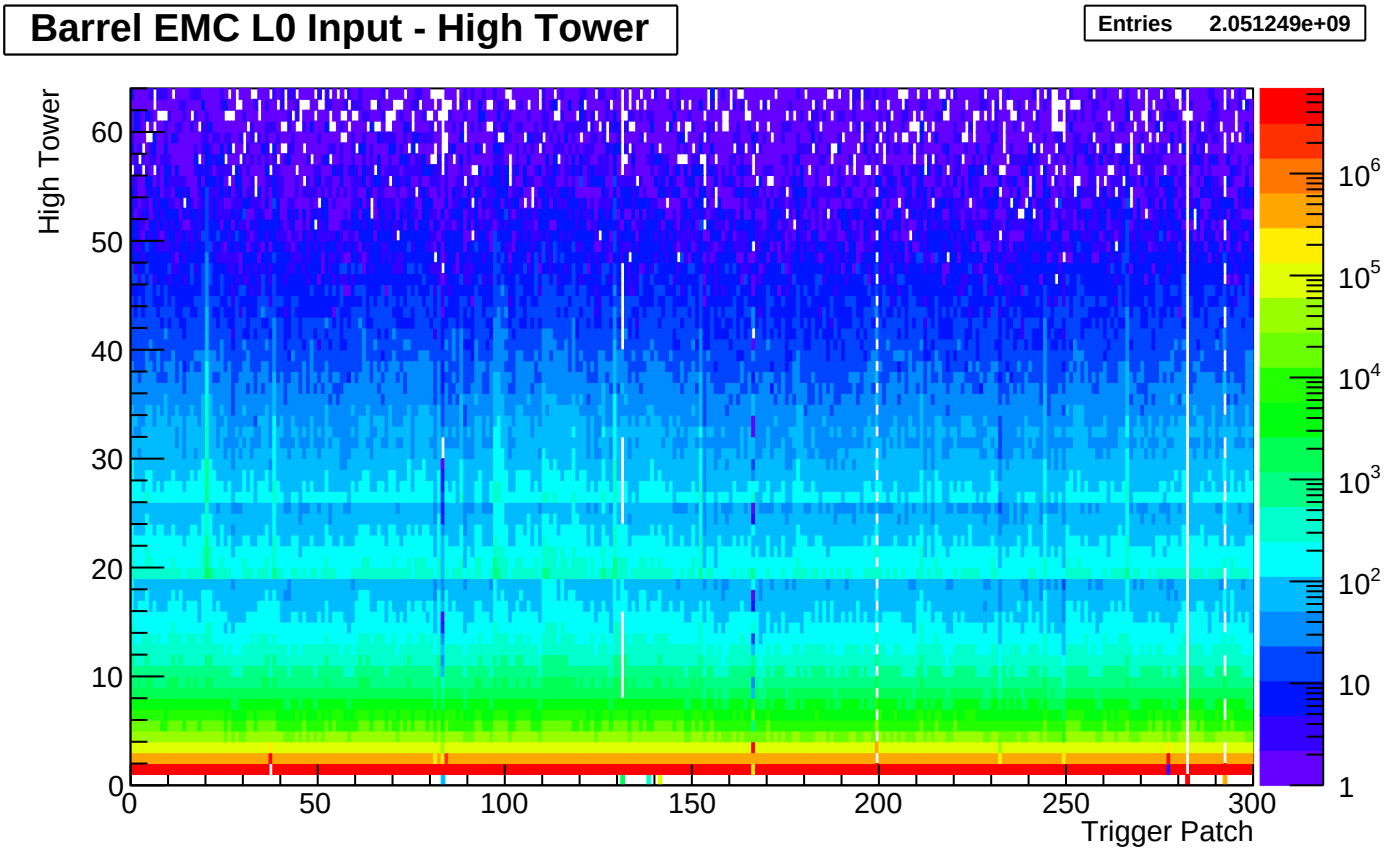
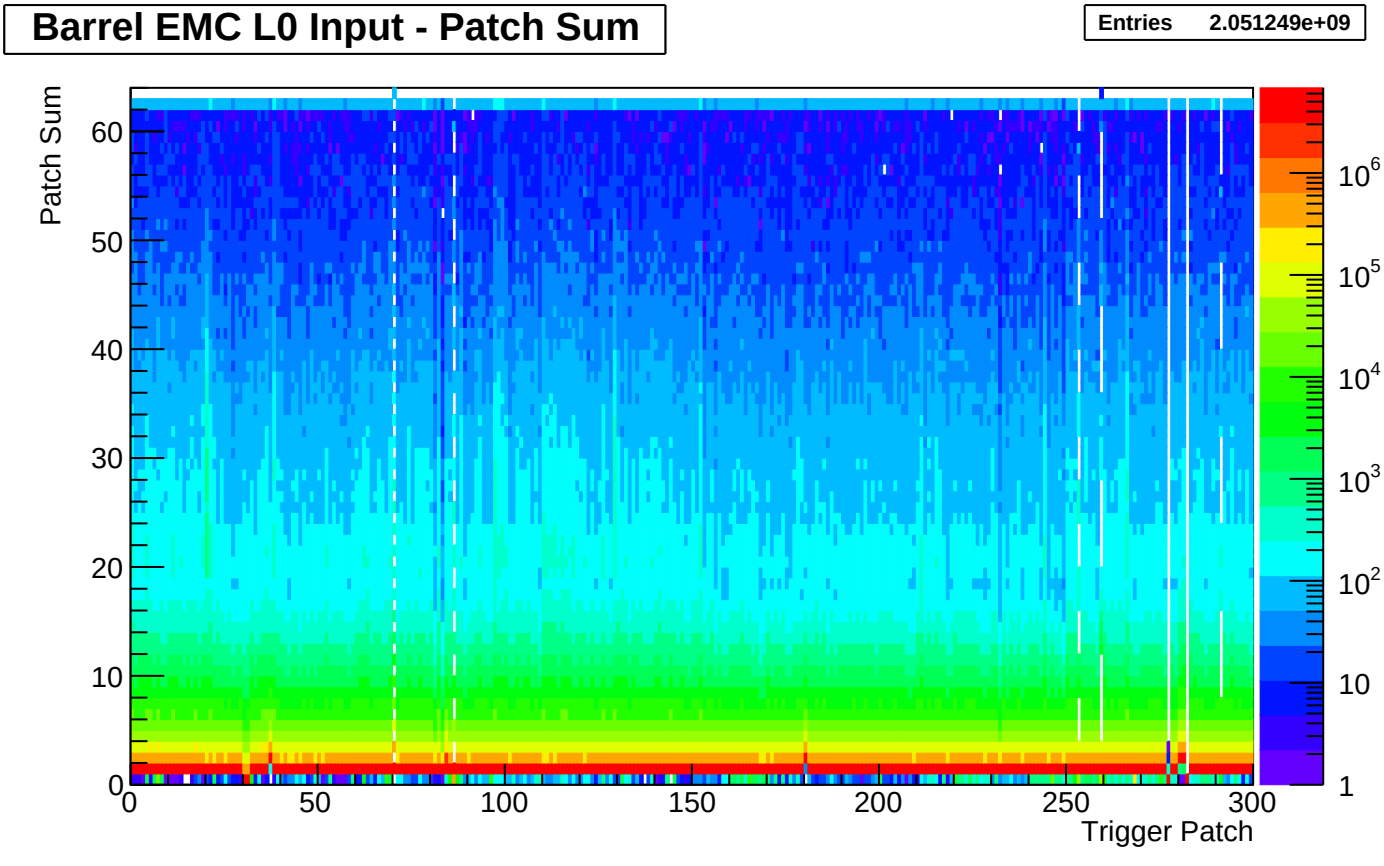
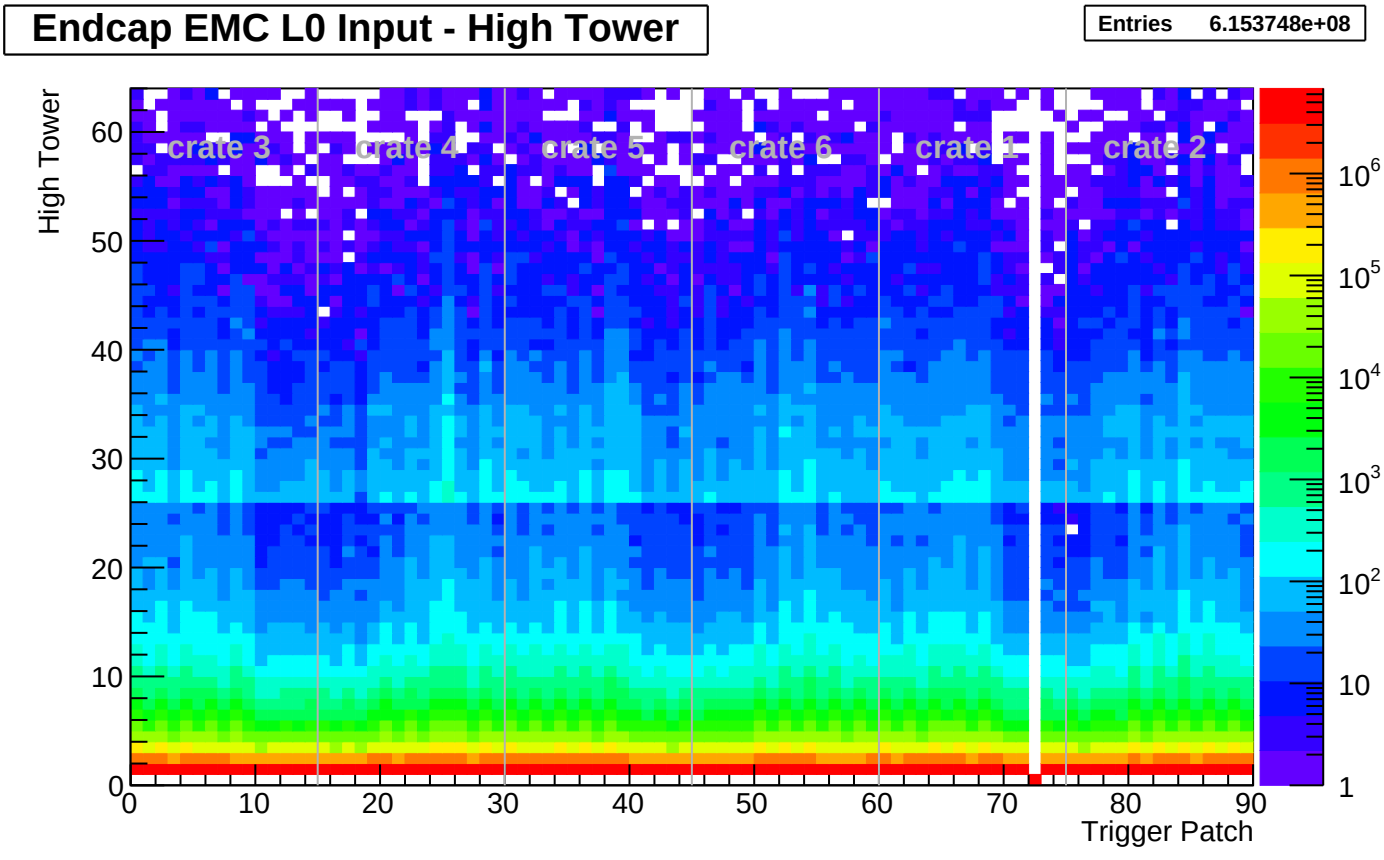
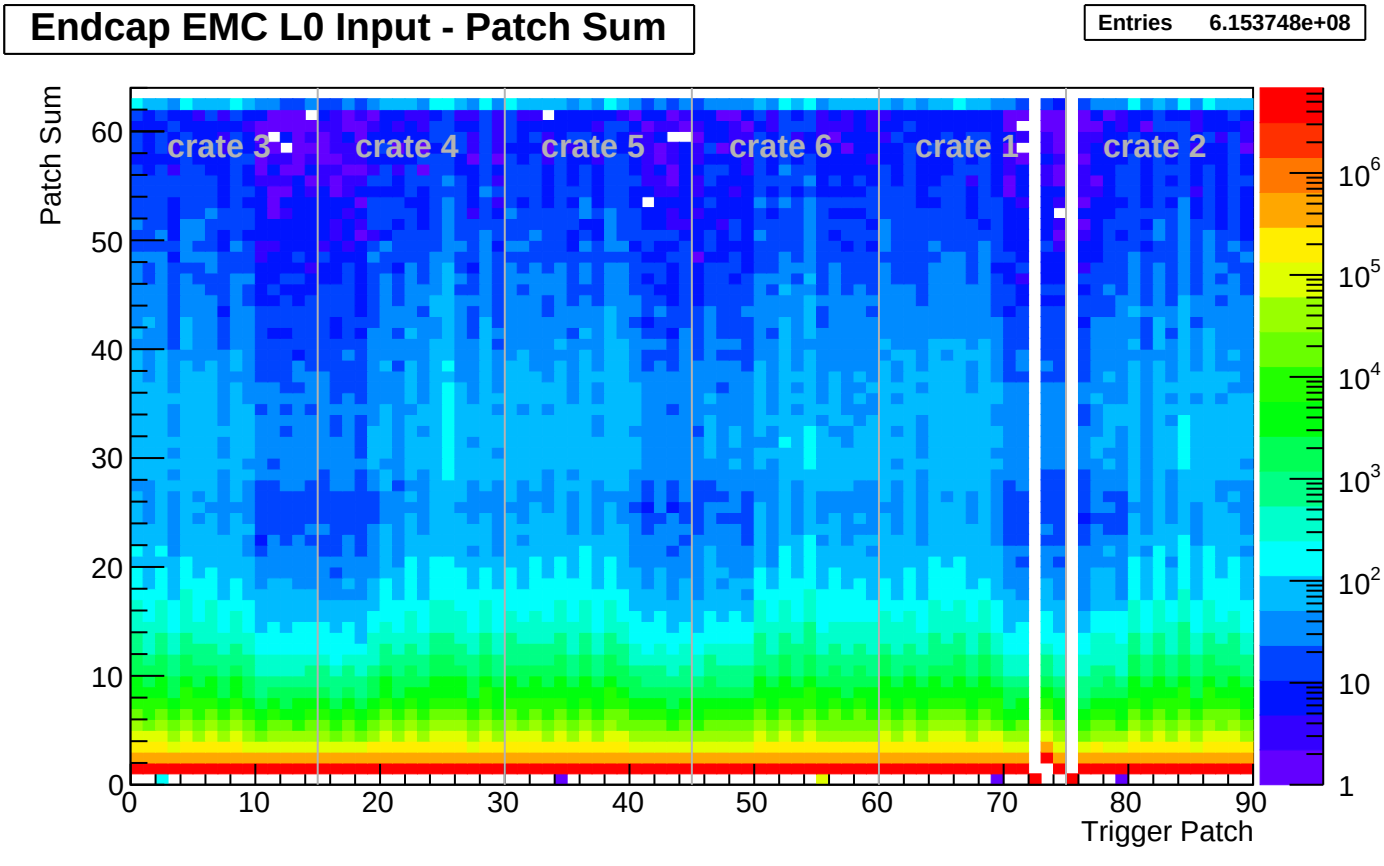
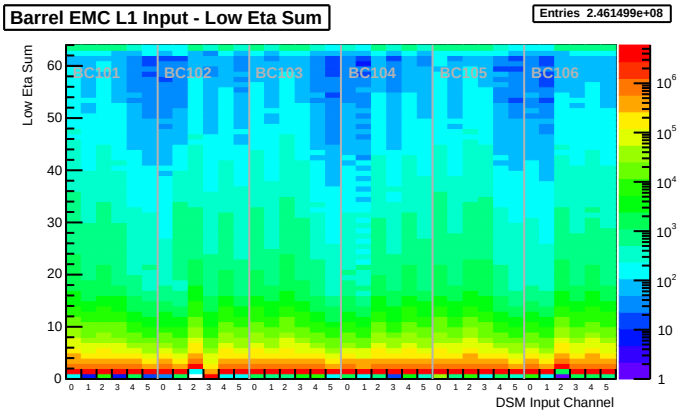
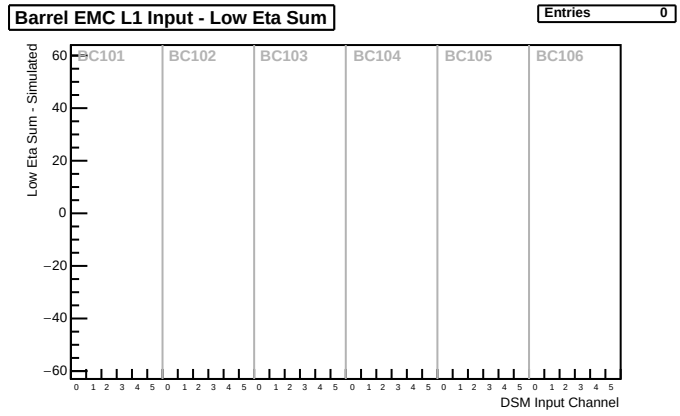

Barrel EMC L0 Input - High Tower
Entries 2.051249e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

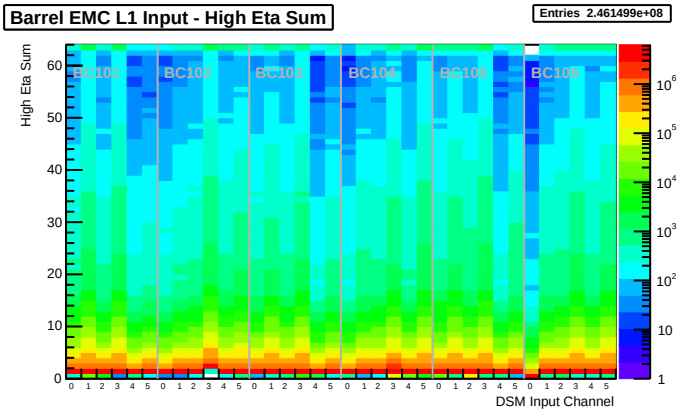

Barrel EMC L0 Input - Patch Sum
Entries 2.051249e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

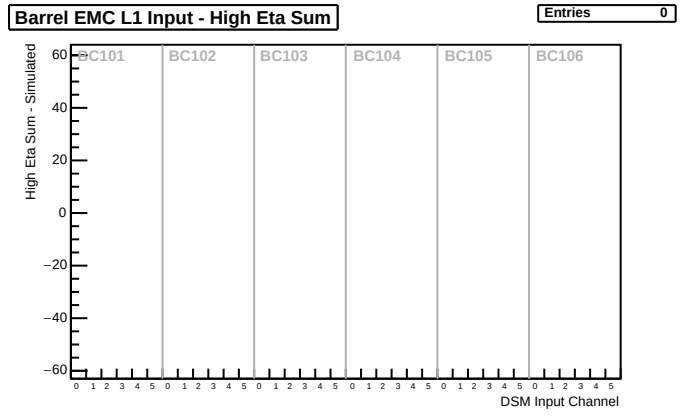

Endcap EMC L0 Input - High Tower
Entries 6.153748e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

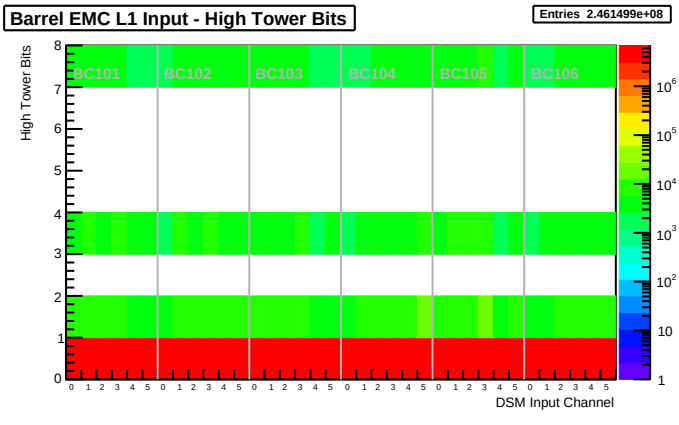

Endcap EMC L0 Input - Patch Sum
Entries 6.153748e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

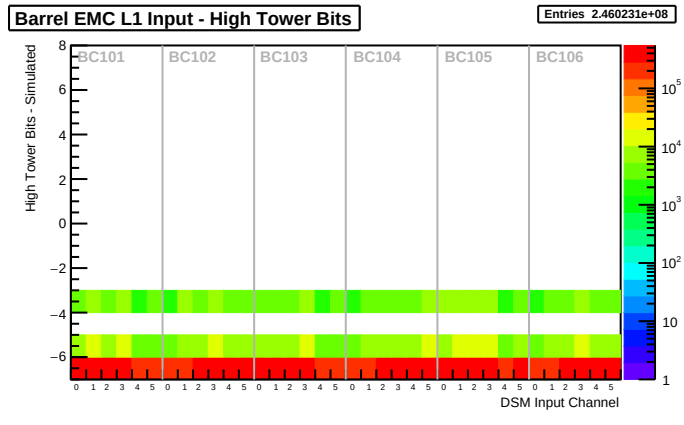

Barrel EMC L1 Input - Low Eta Sum
Entries 2.461499e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

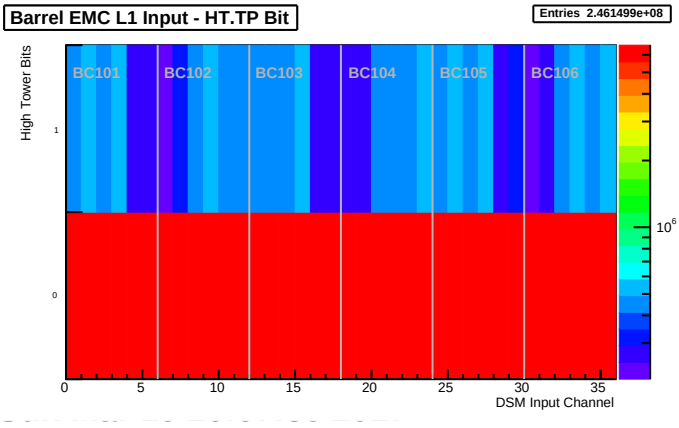

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

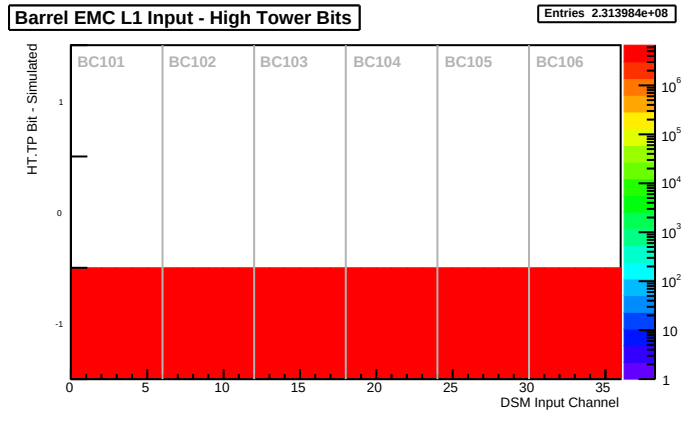

Barrel EMC L1 Input - High Eta Sum
Entries 2.461499e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

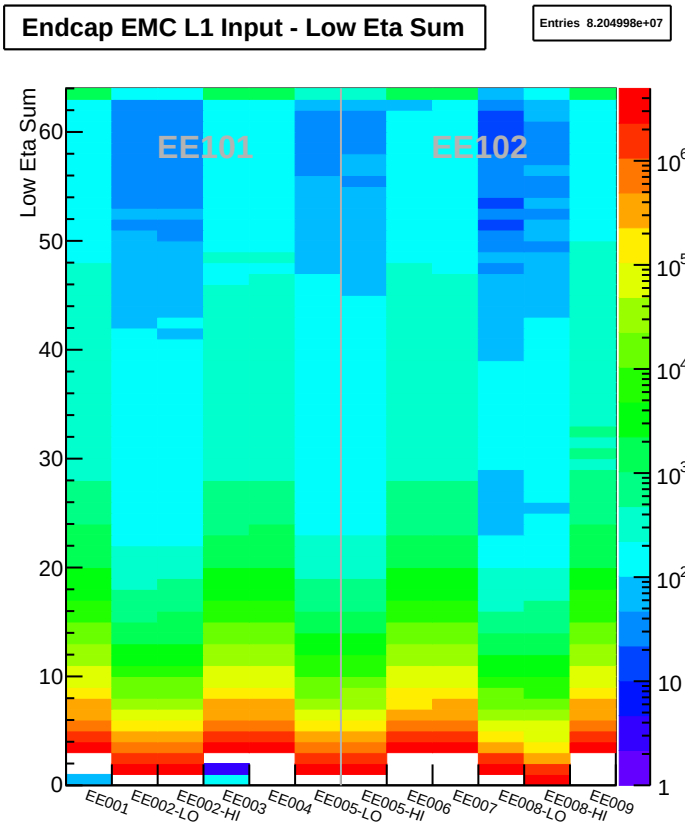

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

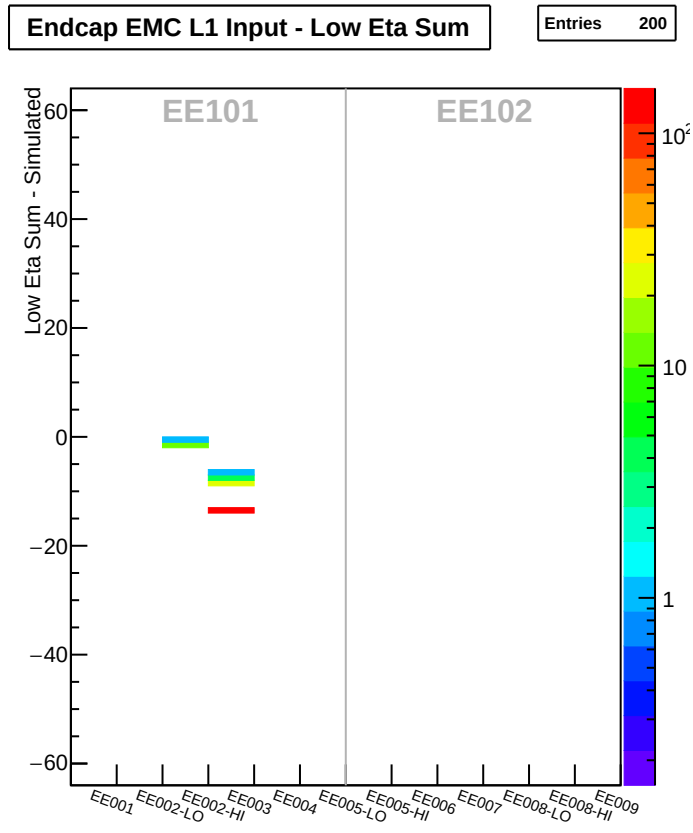

Barrel EMC L1 Input - High Tower Bits
Entries 2.461499e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

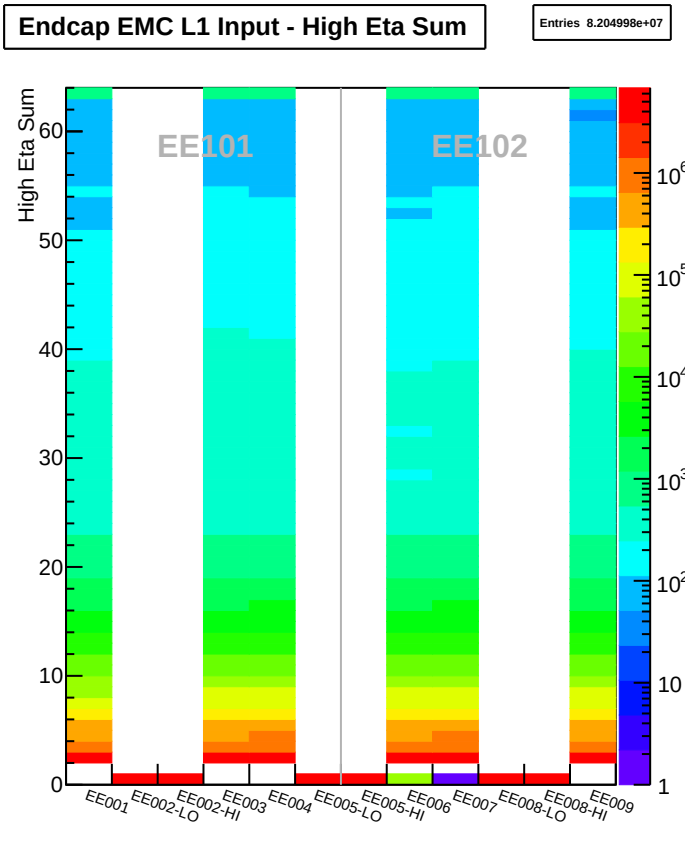

Barrel EMC L1 Input - High Tower Bits
Entries 2.460231e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

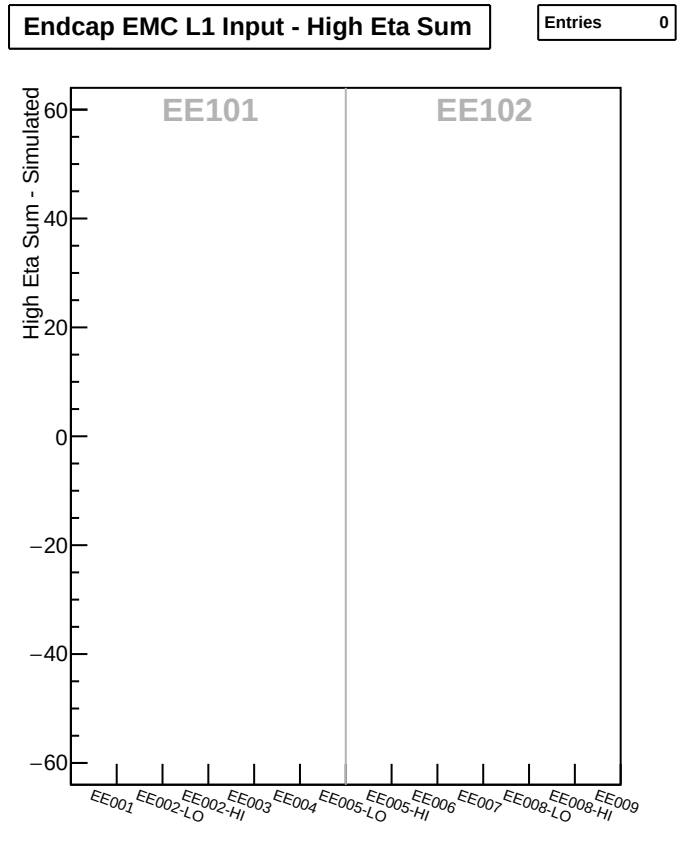

Barrel EMC L1 Input - HT.TP Bit
Entries 2.461499e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel


Barrel EMC L1 Input - High Tower Bits
Entries 2.313984e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel


Endcap EMC L1 Input - Low Eta Sum
Entries 8.204998e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

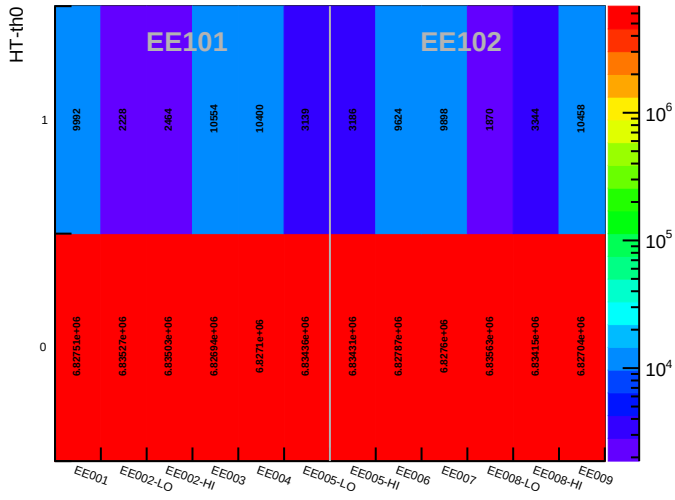

Endcap EMC L1 Input - Low Eta Sum
Entries 200
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009


Endcap EMC L1 Input - High Eta Sum
Entries 8.204998e+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

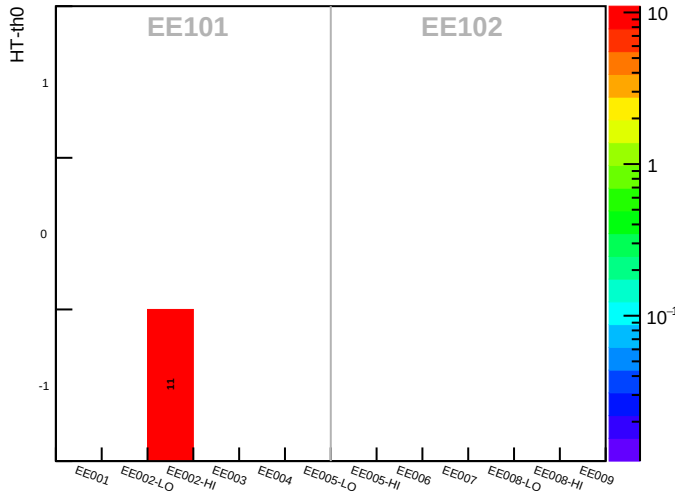
Endcap EMC L1 Input - HT-th0

Entries 8.204998e+07



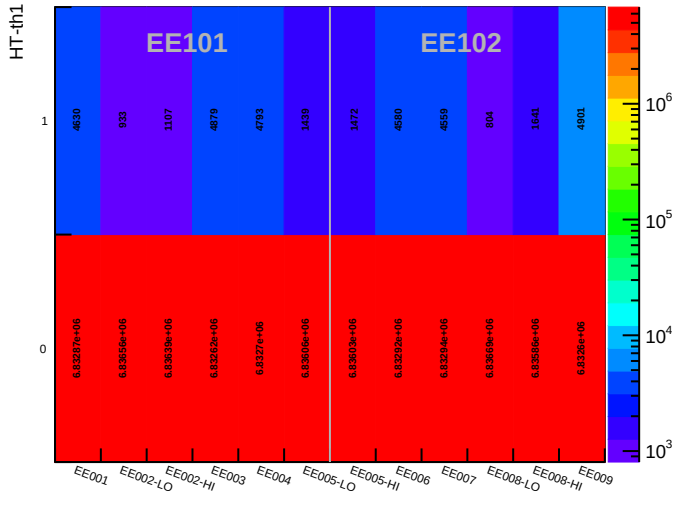
Endcap EMC L1 Input - HT-th0 Diff

Entries 11



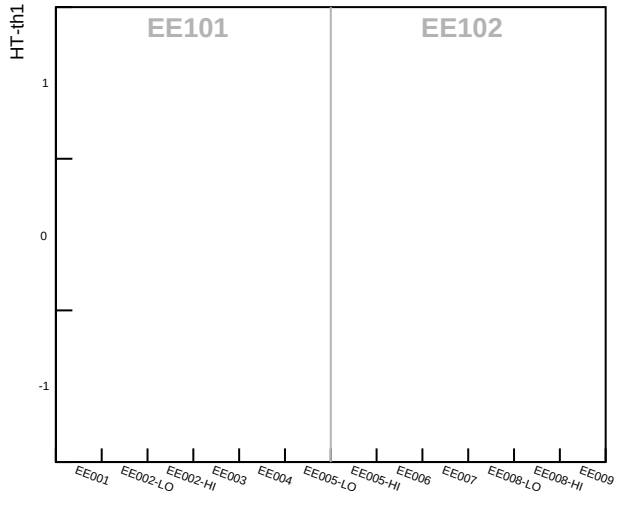
Endcap EMC L1 Input - HT-th1

Entries 8.204998e+07



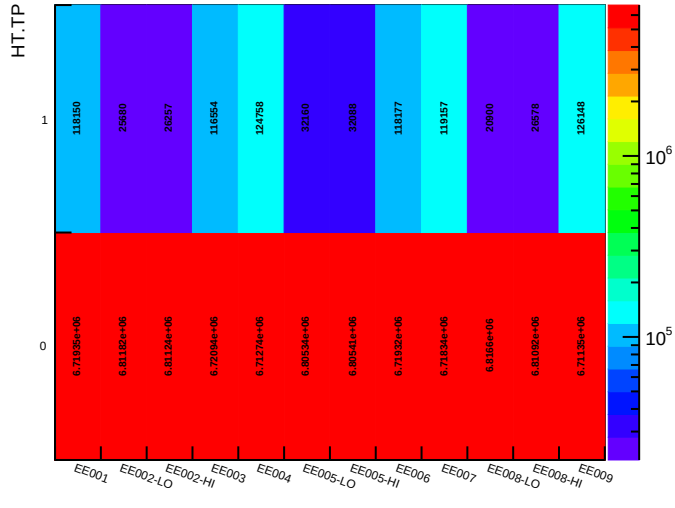
Endcap EMC L1 Input - HT-th1 Diff

Entries 0



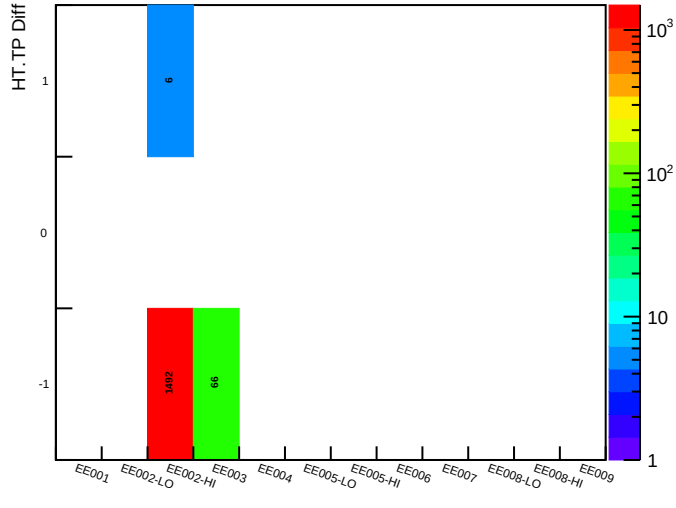
Endcap EMC L1 Input - HT.TP

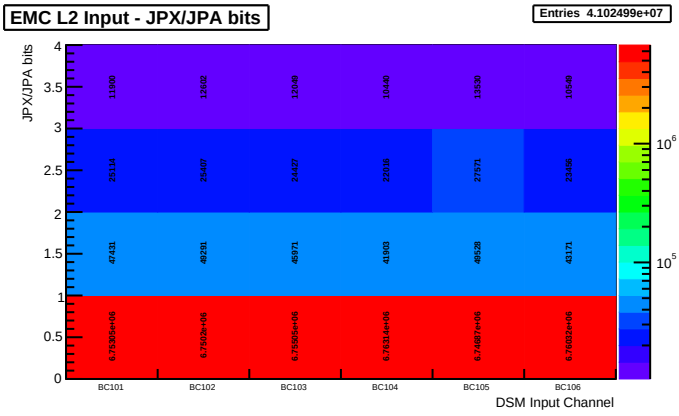
Entries 8.204998e+07

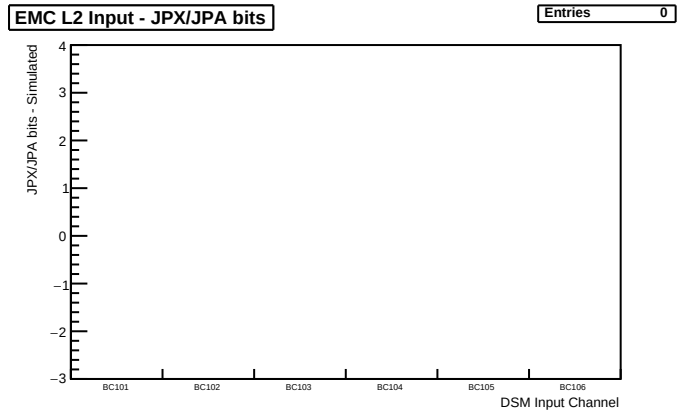


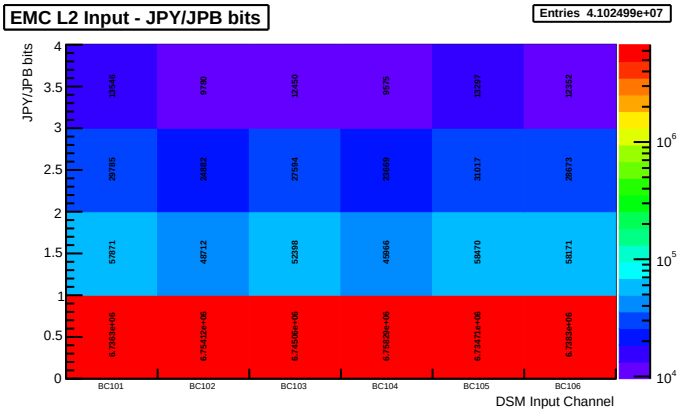
Endcap EMC L1 Input - HT.TP Diff

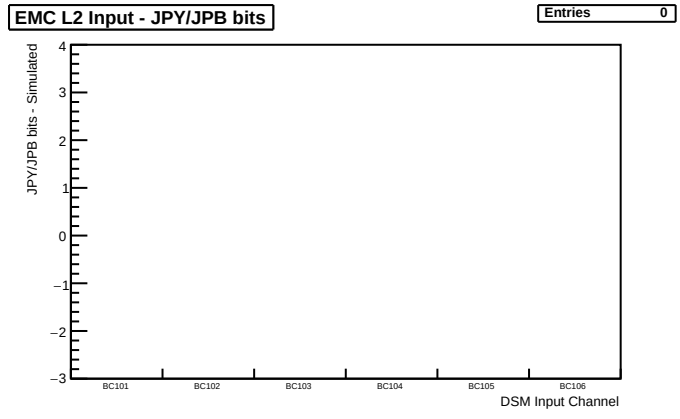
Entries 1564

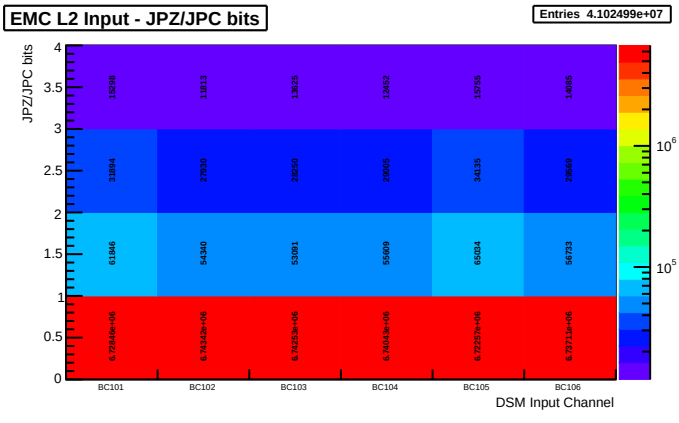


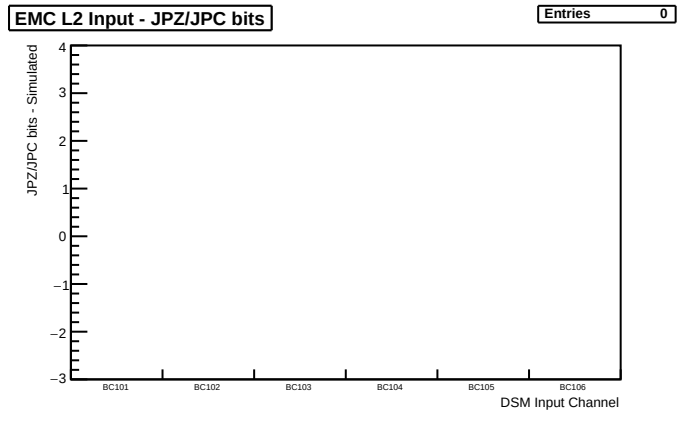

EMC L2 Input - JPX/JPA bits
Entries 4.102499e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
11900
12602
12049
10440
13530
10549
25114
25407
24427
22016
27571
23466
47431
49231
45971
41903
49528
43171
6.75335e+06
6.75920e+06
6.75595e+06
6.76314e+06
6.74687e+06
6.76032e+06

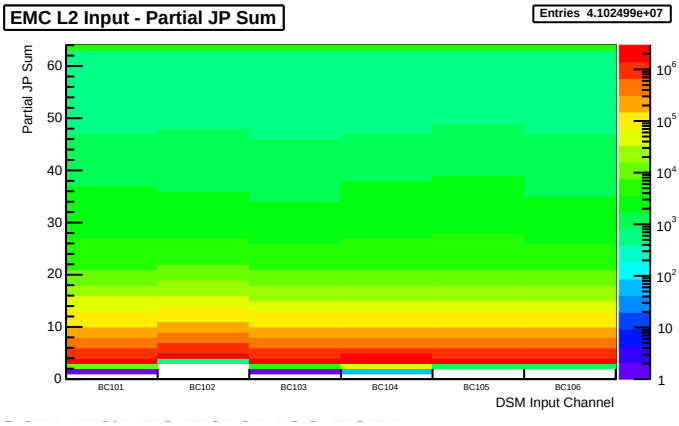

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

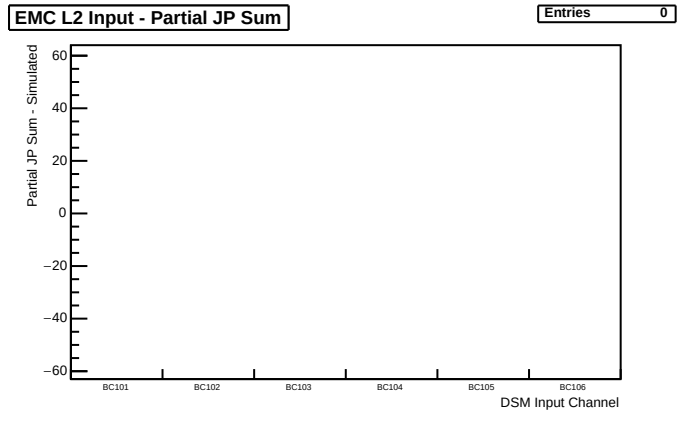

EMC L2 Input - JPY/JPB bits
Entries 4.102499e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
13546
9780
12450
9575
13297
12352
29785
24882
27594
23669
31017
28673
57871
49712
52398
45946
59470
58171
6.7583e+06
6.75412e+06
6.74506e+06
6.75329e+06
6.73471e+06
6.7283e+06

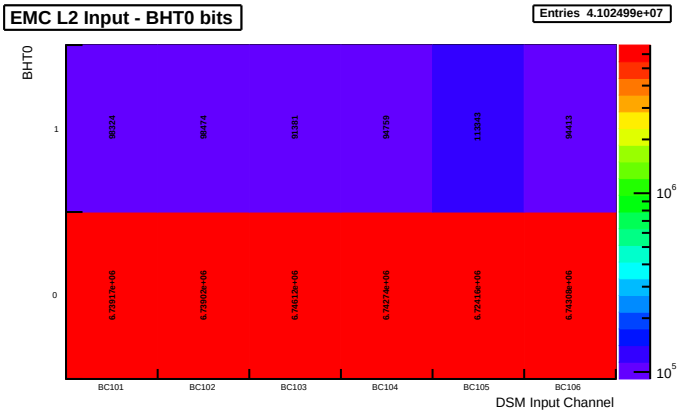

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

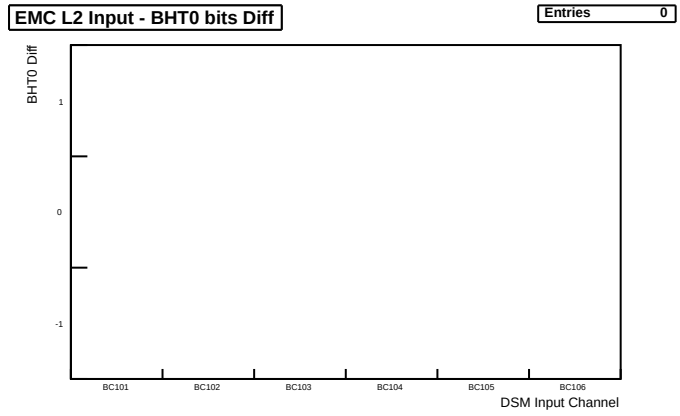

EMC L2 Input - JPZ/JPC bits
Entries 4.102499e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
15338
11913
13825
12452
15755
14085
31894
27930
28550
29905
34135
28569
61846
54340
53091
55609
65084
56733
6.72846e+06
6.74342e+06
6.74253e+06
6.74043e+06
6.72257e+06
6.73711e+06

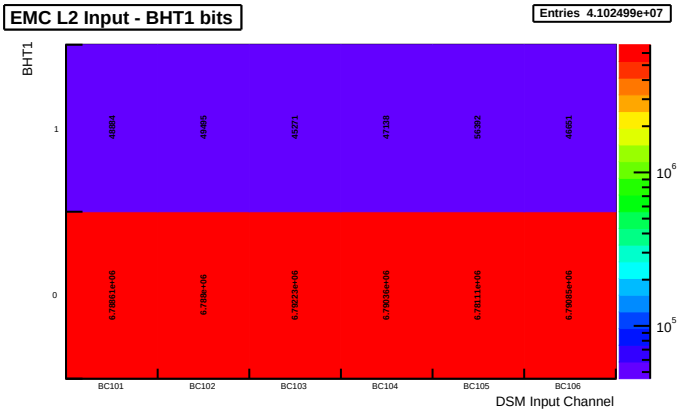

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

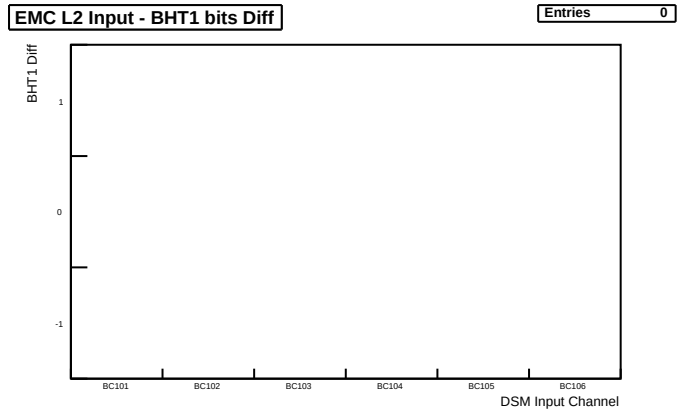

EMC L2 Input - Partial JP Sum
Entries 4.102499e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

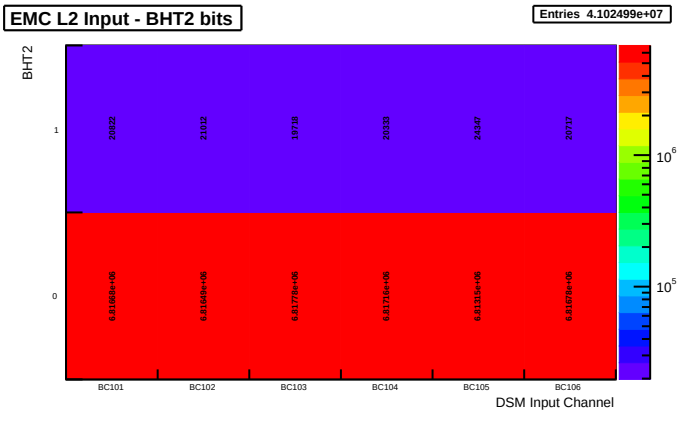

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

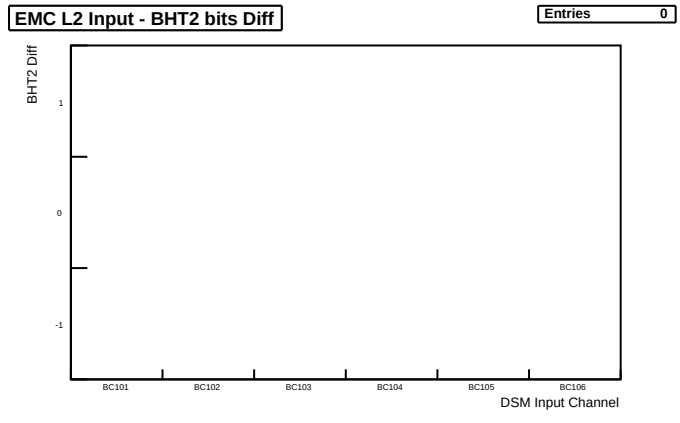

EMC L2 Input - BHT0 bits
Entries 4.102499e+07
BHT0
98324
99474
91351
94759
113343
94413
6.73917e+06
6.73902e+06
6.74612e+06
6.74274e+06
6.72416e+06
6.74308e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

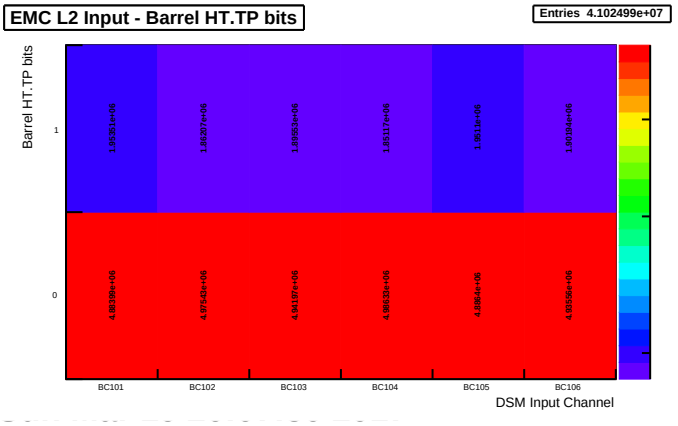

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

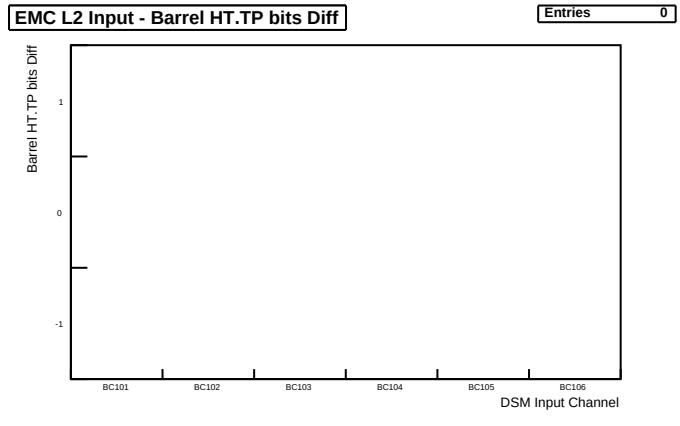

EMC L2 Input - BHT1 bits
Entries 4.102499e+07
BHT1
43884
49495
45271
47138
53392
45651
6.78861e+06
6.789e+06
6.78223e+06
6.78036e+06
6.78111e+06
6.78805e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

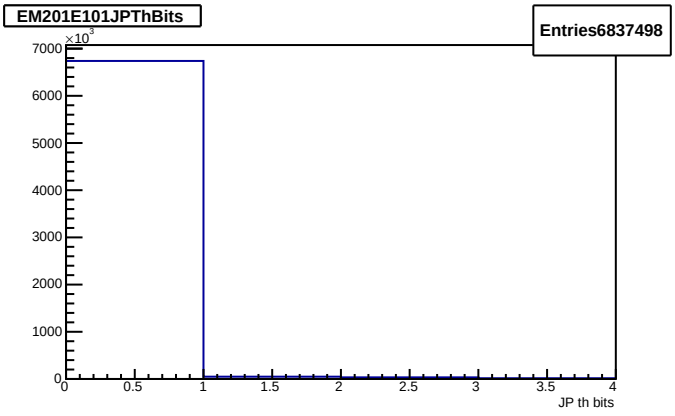

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

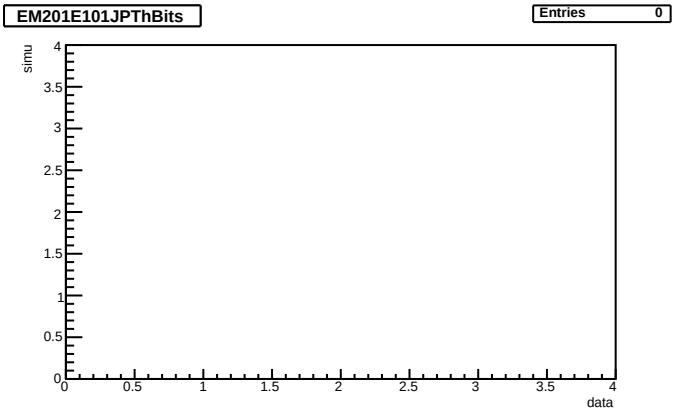

EMC L2 Input - BHT2 bits
Entries 4.102499e+07
BHT2
20822
21012
19718
20323
24347
20717
6.81638e+06
6.81669e+06
6.81778e+06
6.81716e+06
6.81315e+06
6.81678e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

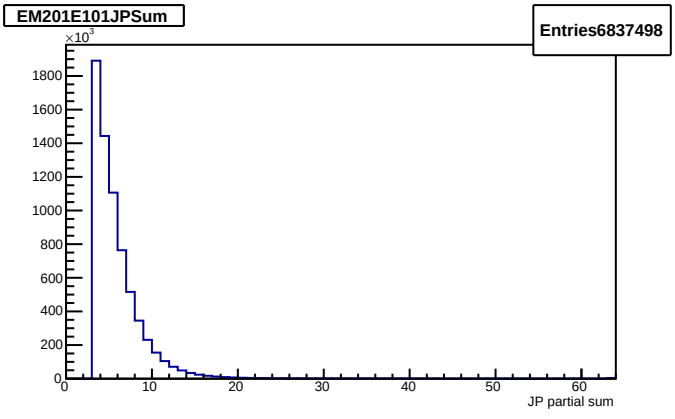

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

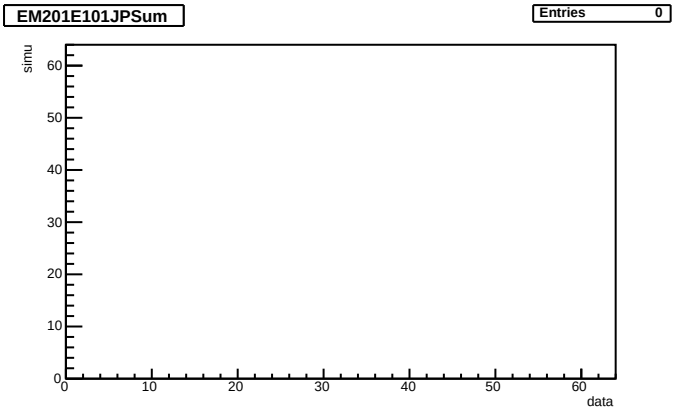

EMC L2 Input - Barrel HT.TP bits
Entries 4.102499e+07
Barrel HT.TP bits
1.95351e+06
1.95297e+06
1.95553e+06
1.95117e+06
1.95114e+06
1.90194e+06
4.88399e+06
4.97543e+06
4.94197e+06
4.98633e+06
4.89844e+06
4.93556e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

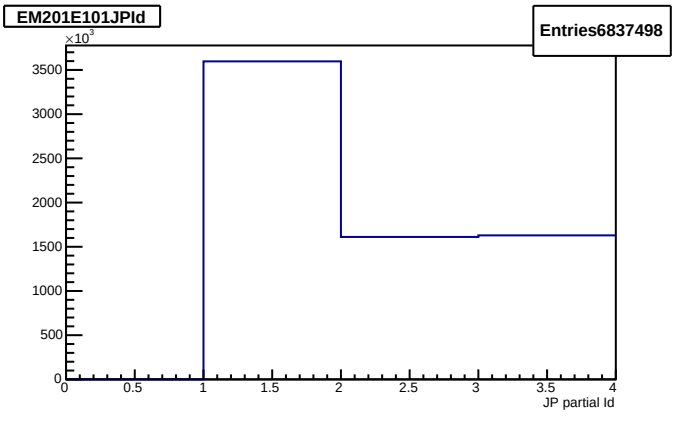

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

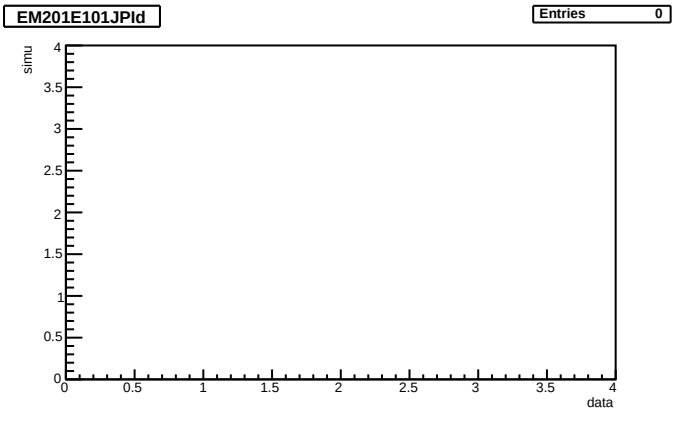

EM201E101JPThBits
Entries6837498
×10^3
JP th bits

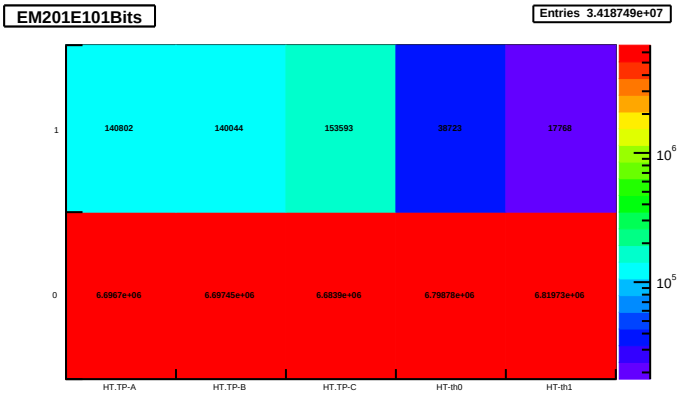

EM201E101JPThBits
Entries 0
simu
data

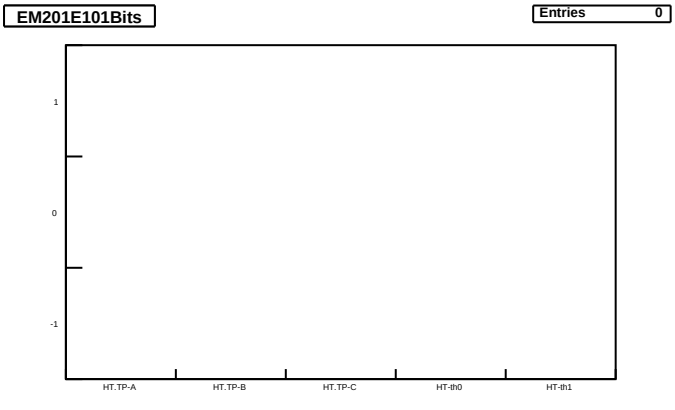

EM201E101JPSum
Entries6837498
×10^3
JP partial sum

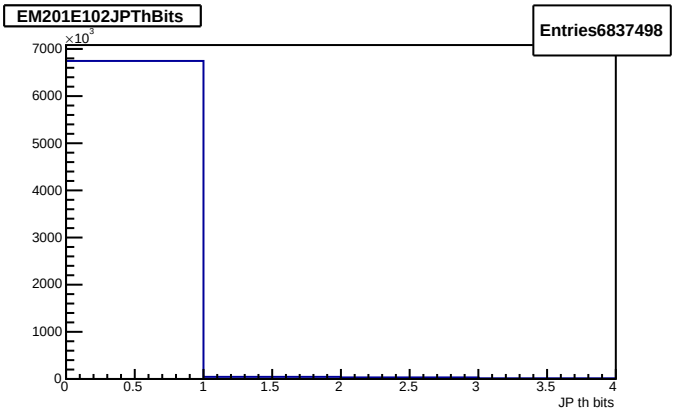

EM201E101JPSum
Entries 0
simu
data

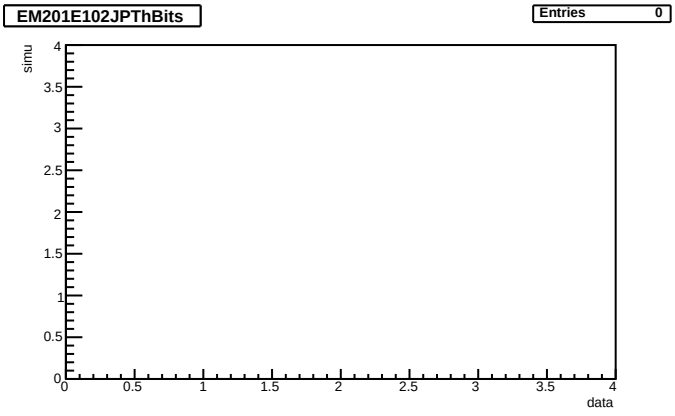

EM201E101JPId
Entries6837498
×10^3
JP partial Id

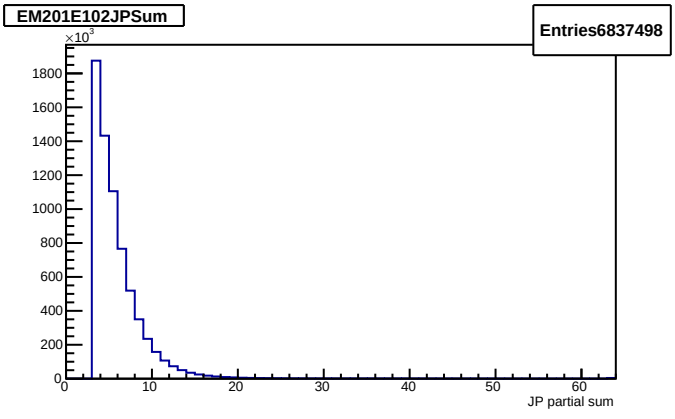

EM201E101JPId
Entries 0
simu
data

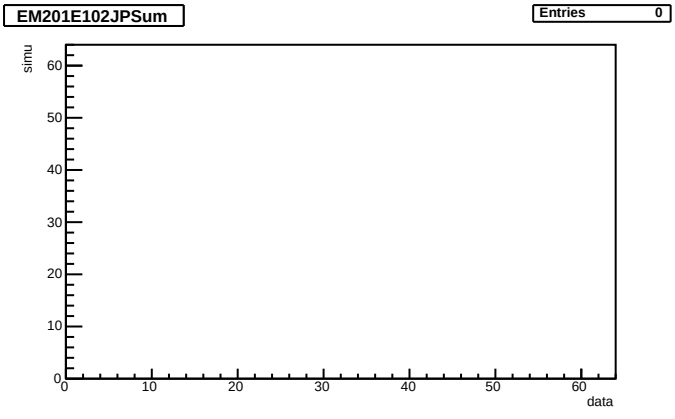

EM201E101Bits
Entries 3.418749e+07
140802
140044
153593
38723
17768
6.6967e+06
6.69745e+06
6.6839e+06
6.79878e+06
6.81973e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

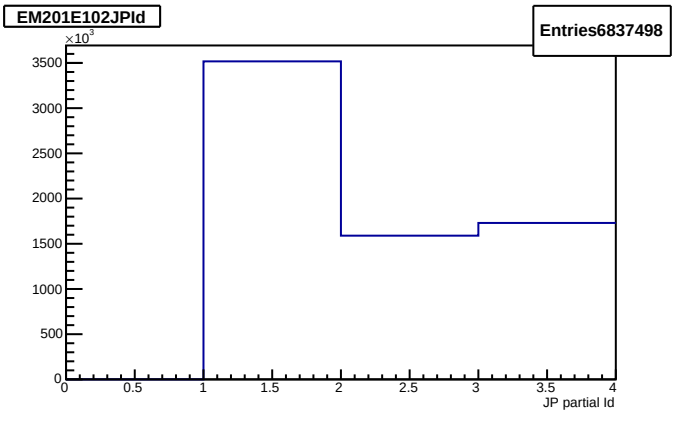

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

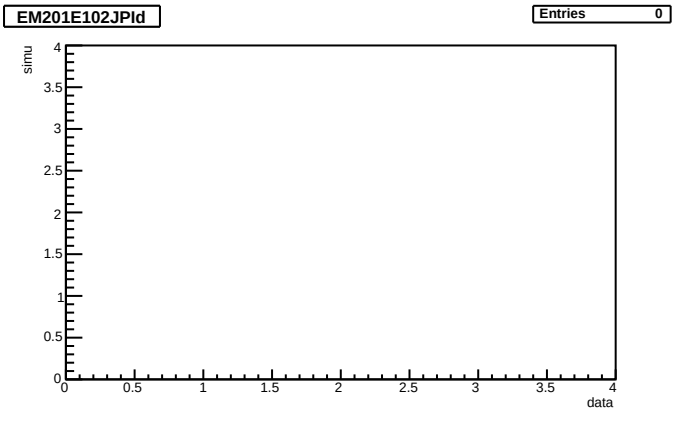

EM201E102JPThBits
Entries6837498
×10^3
JP th bits

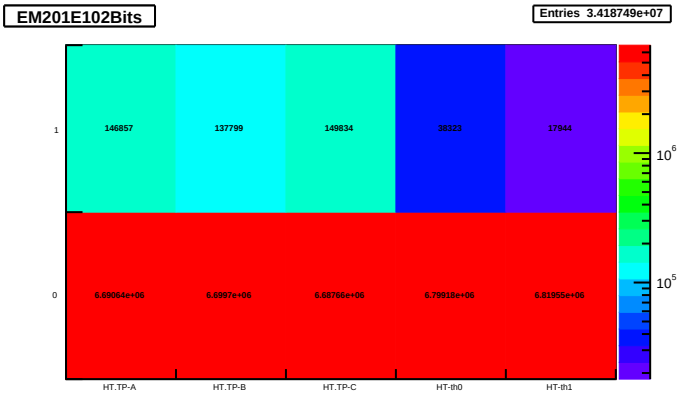

EM201E102JPThBits
Entries 0
simu
data

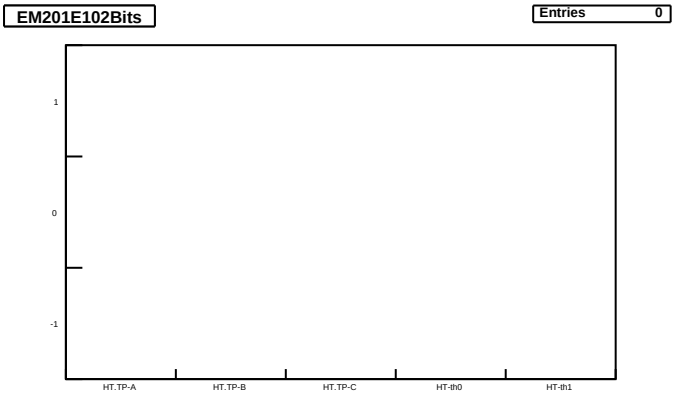

EM201E102JPSum
Entries6837498
×10^3
JP partial sum

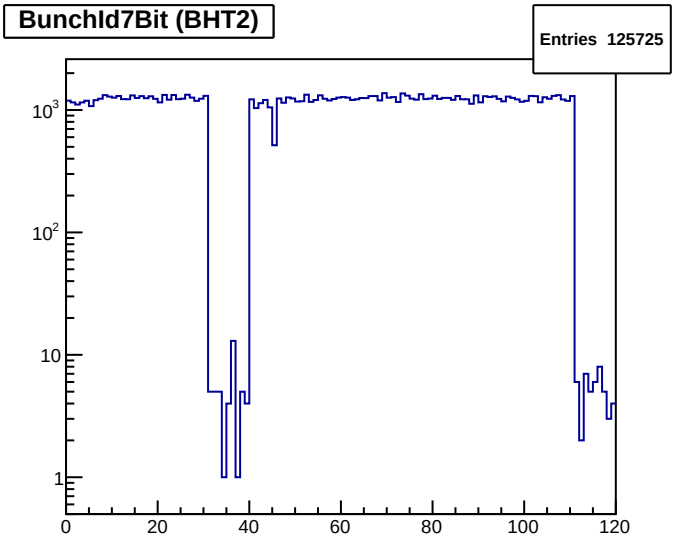

EM201E102JPSum
Entries 0
simu
data

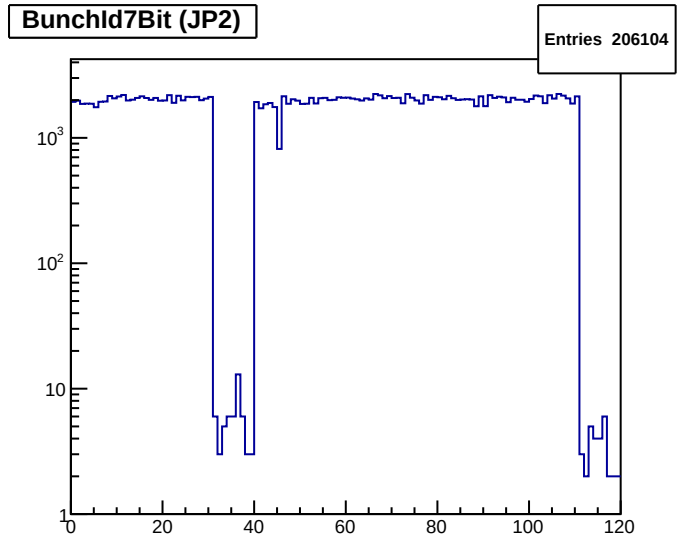

EM201E102JPId
Entries6837498
×10^3
JP partial Id

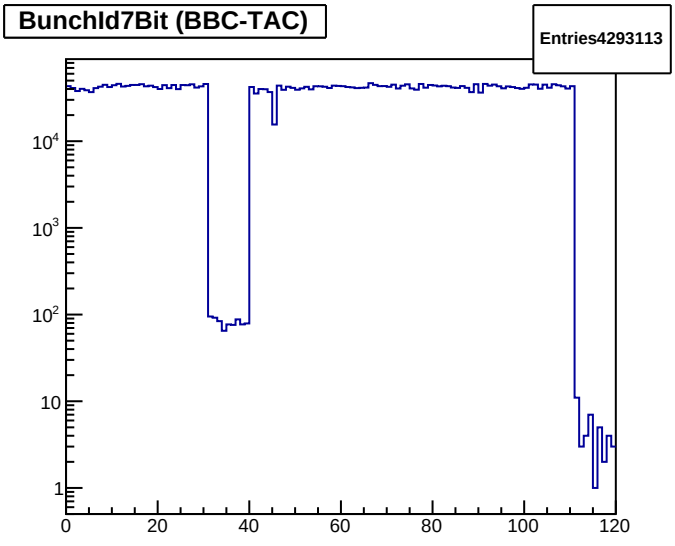

EM201E102JPId
Entries 0
simu
data

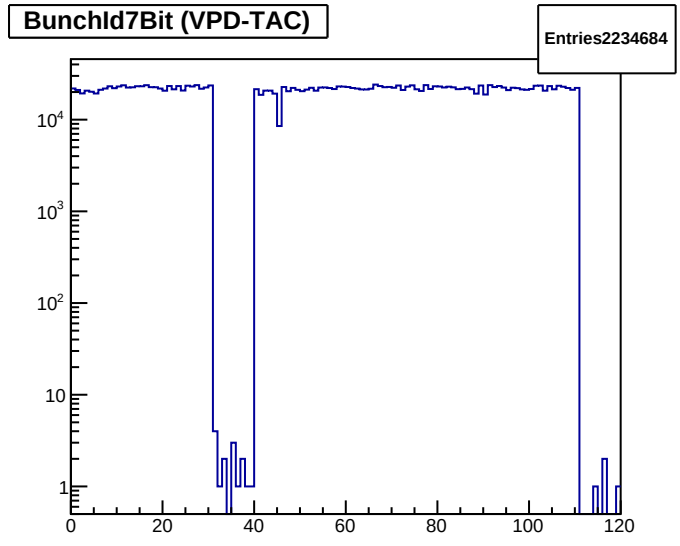

EM201E102Bits
Entries 3.418749e+07
146857
137799
149834
30323
17944
6.69064e+06
6.6997e+06
6.68766e+06
6.79918e+06
6.81955e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

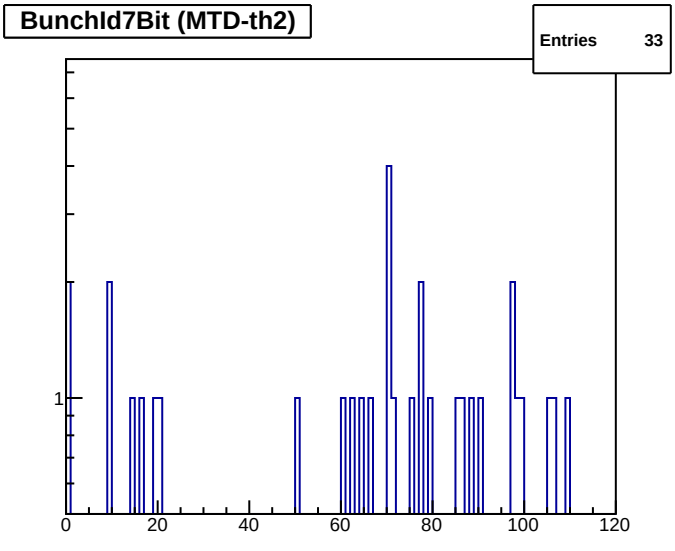

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

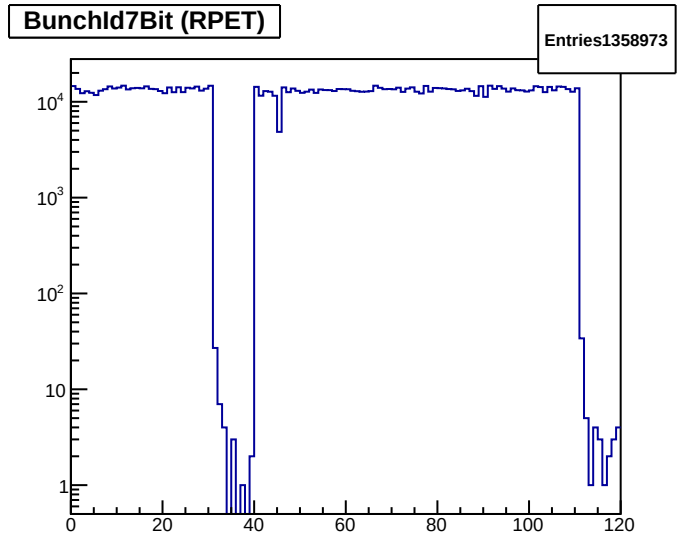

BunchId7Bit (BHT2)
Entries 125725

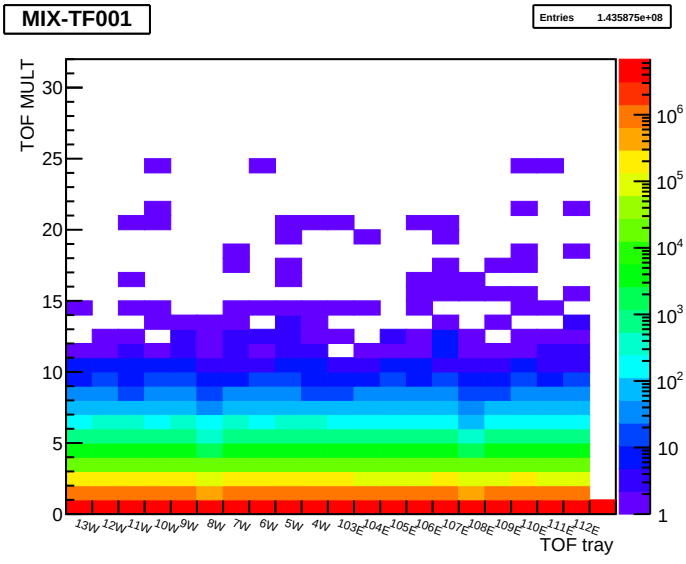

BunchId7Bit (JP2)
Entries 206104

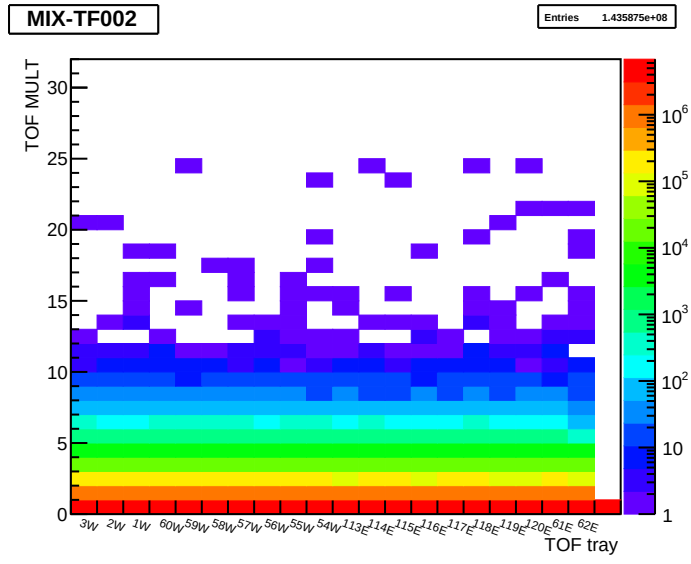

BunchId7Bit (BBC-TAC)
Entries4293113

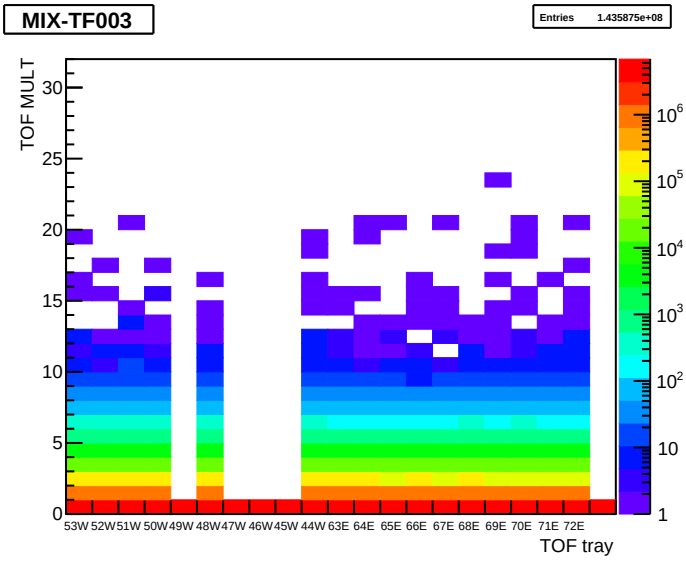

BunchId7Bit (VPD-TAC)
Entries2234684

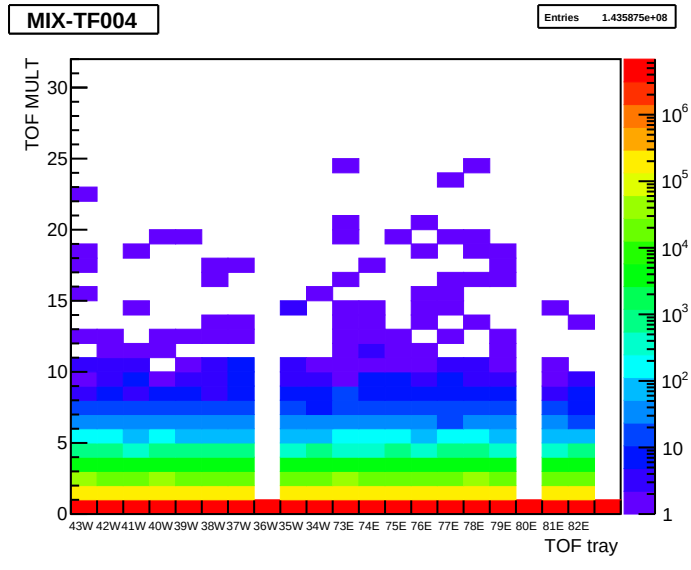

BunchId7Bit (MTD-th2)
Entries 33

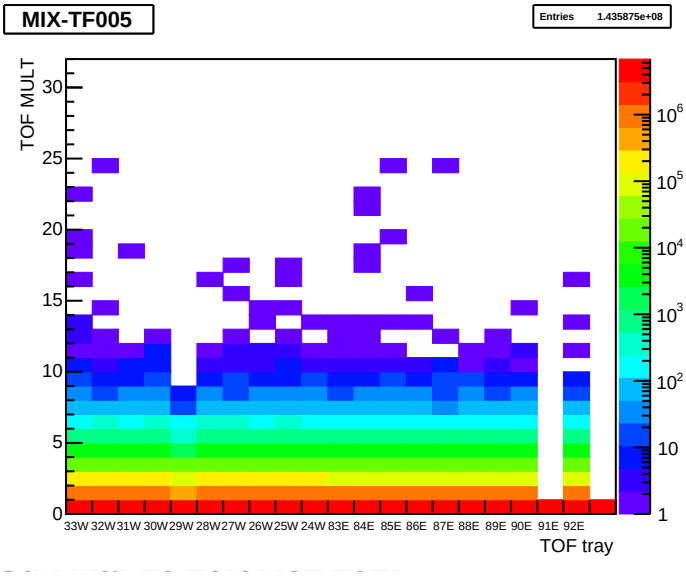

BunchId7Bit (RPET)
Entries1358973

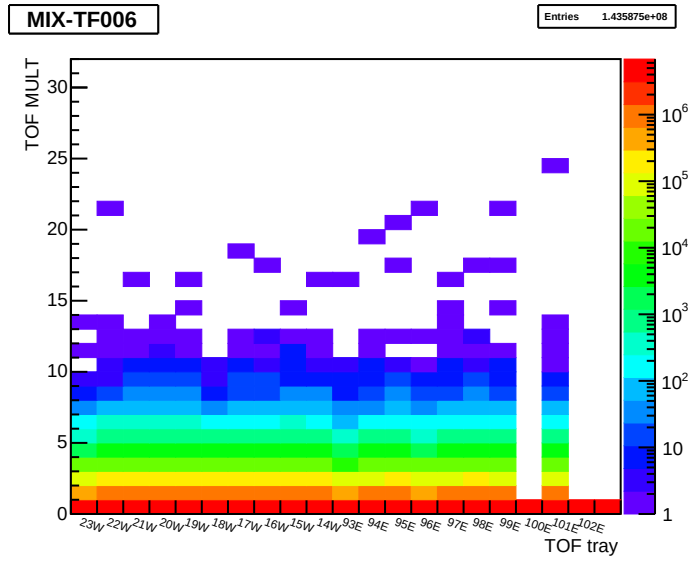

MIX-TF001
Entries 1.435875e+08
TOF MULT
TOF tray

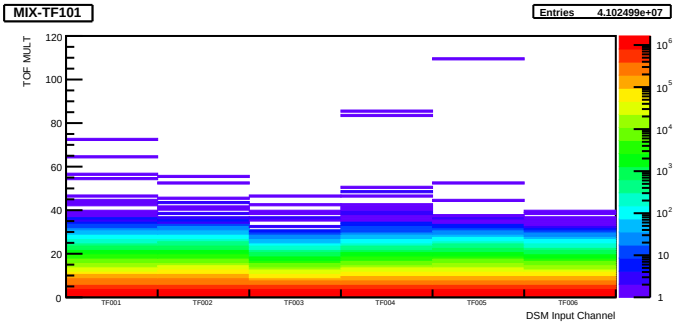

MIX-TF002
Entries 1.435875e+08
TOF MULT
TOF tray

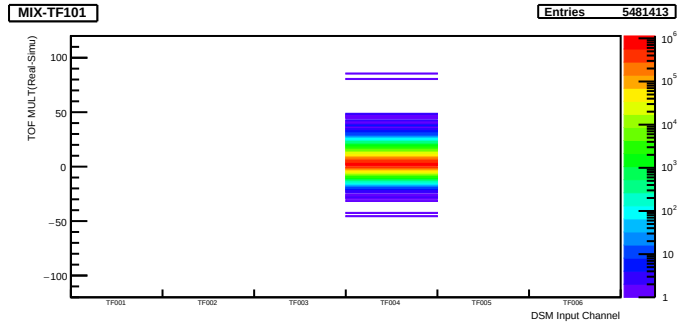

MIX-TF003
Entries 1.435875e+08
TOF MULT
TOF tray

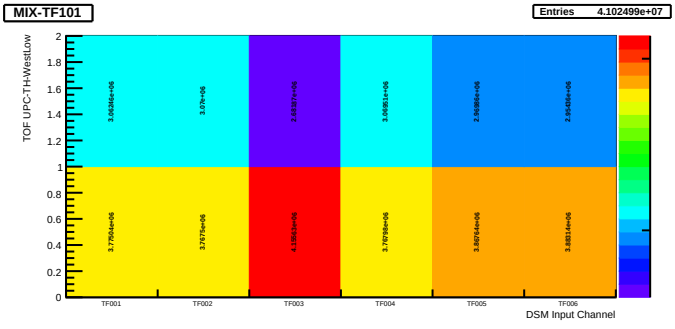

MIX-TF004
Entries 1.435875e+08
TOF MULT
TOF tray

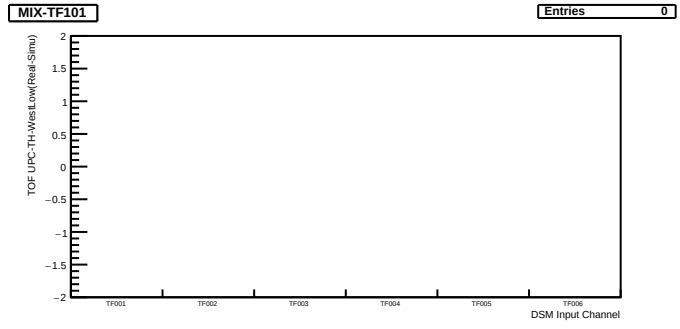

MIX-TF005
Entries 1.435875e+08
TOF MULT
TOF tray

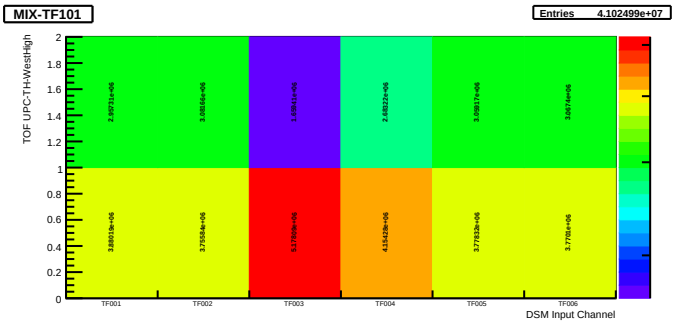

MIX-TF006
Entries 1.435875e+08
TOF MULT
TOF tray

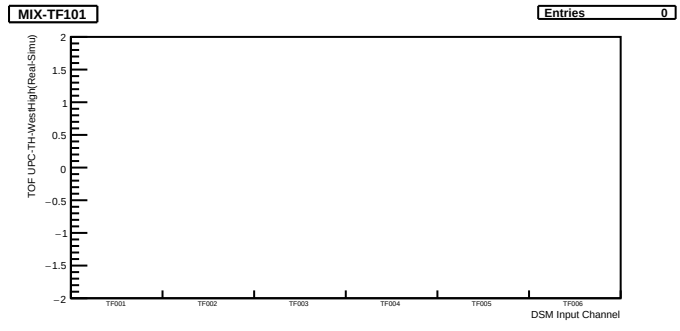

MIX-TF101
Entries 4.102499e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

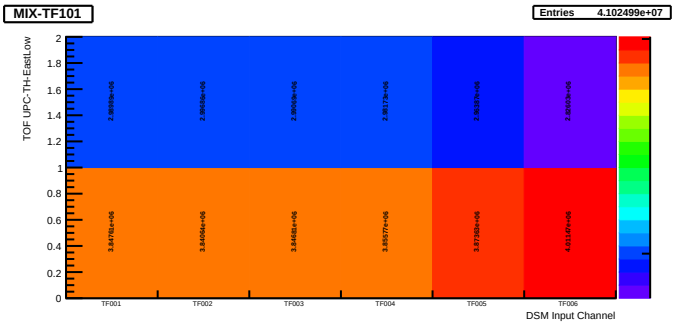

MIX-TF101
Entries 5481413
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

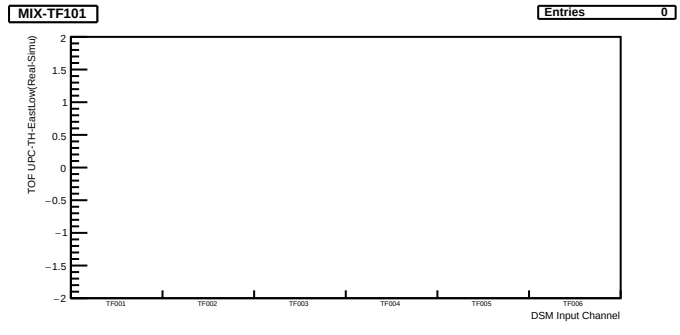

MIX-TF101
Entries 4.102499e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

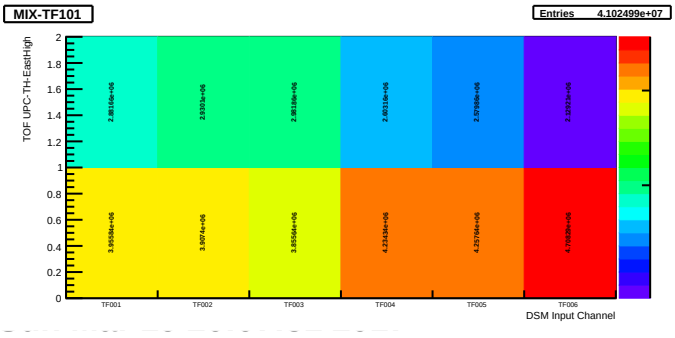

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

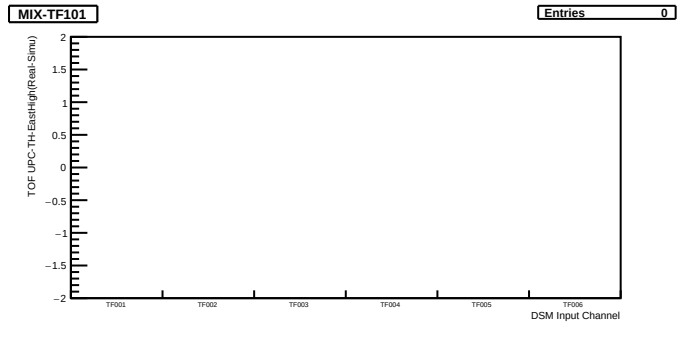

MIX-TF101
Entries 4.102499e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

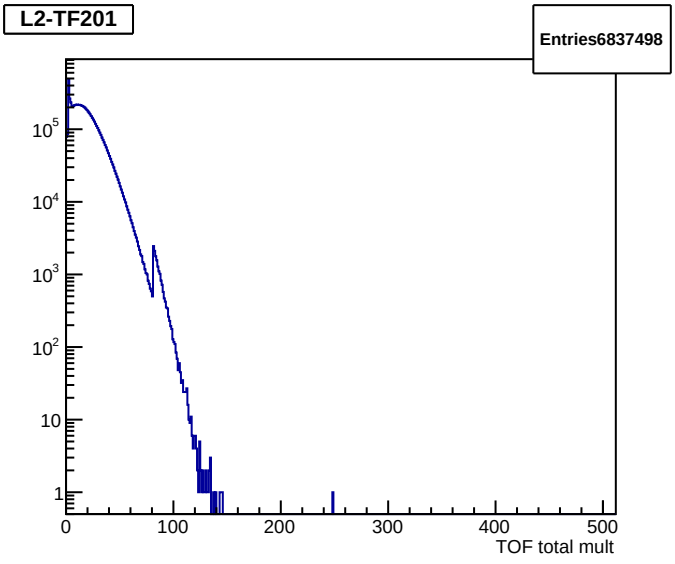

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

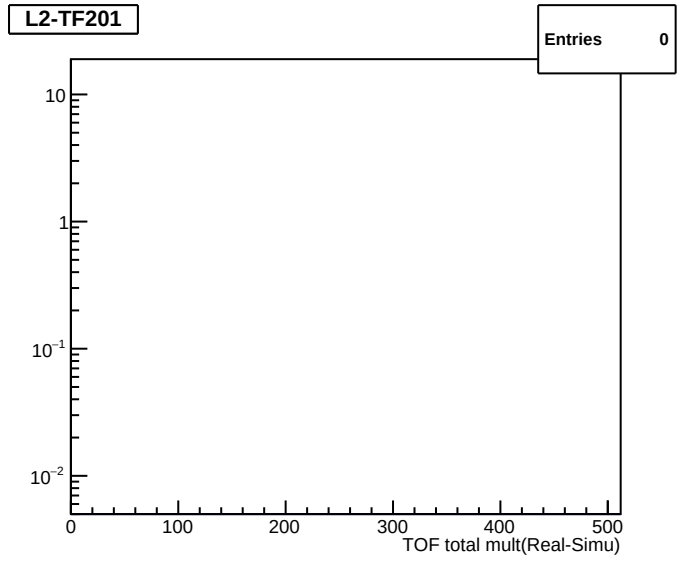

MIX-TF101
Entries 4.102499e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

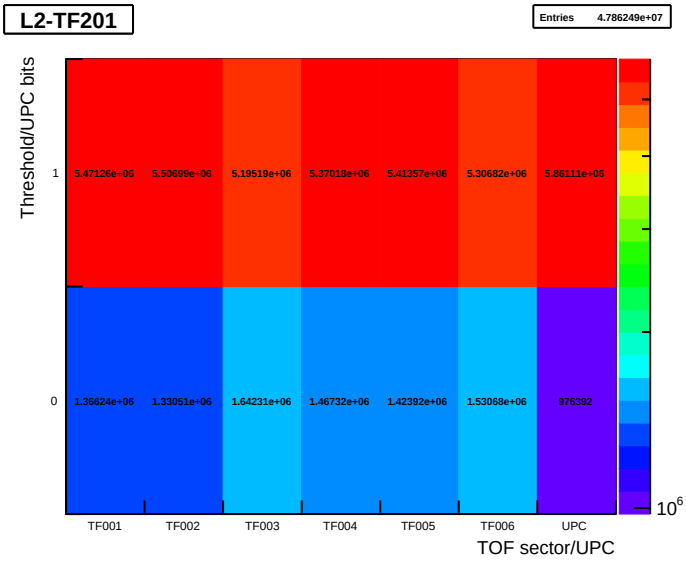

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

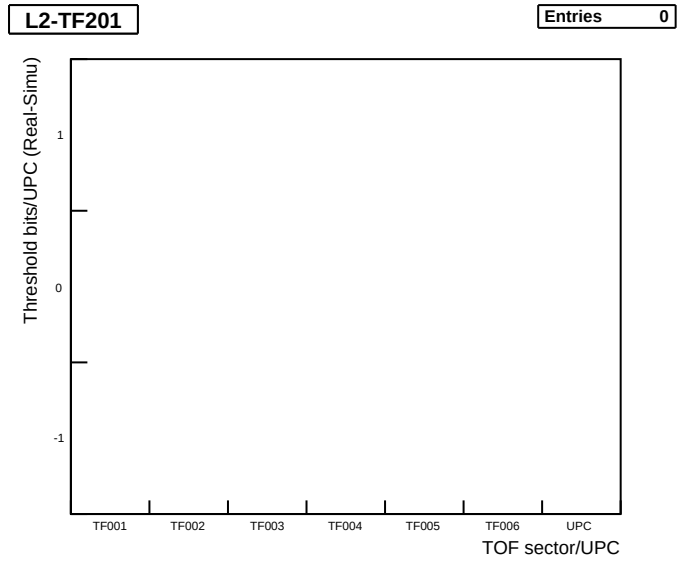

MIX-TF101
Entries 4.102499e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

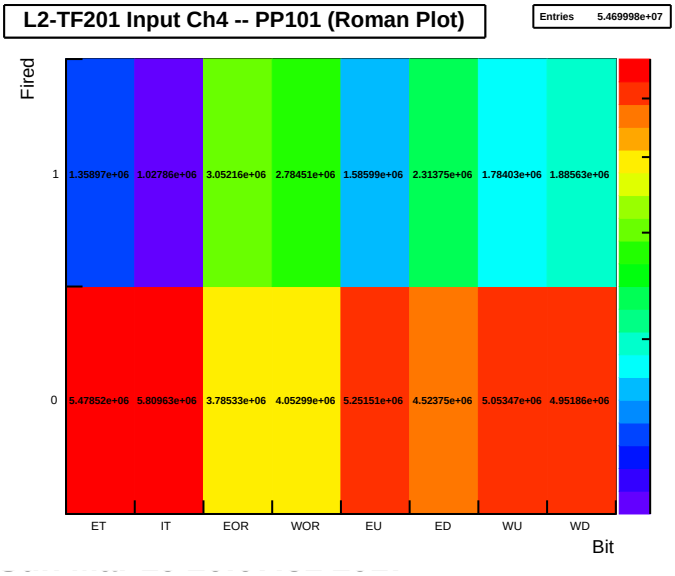

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

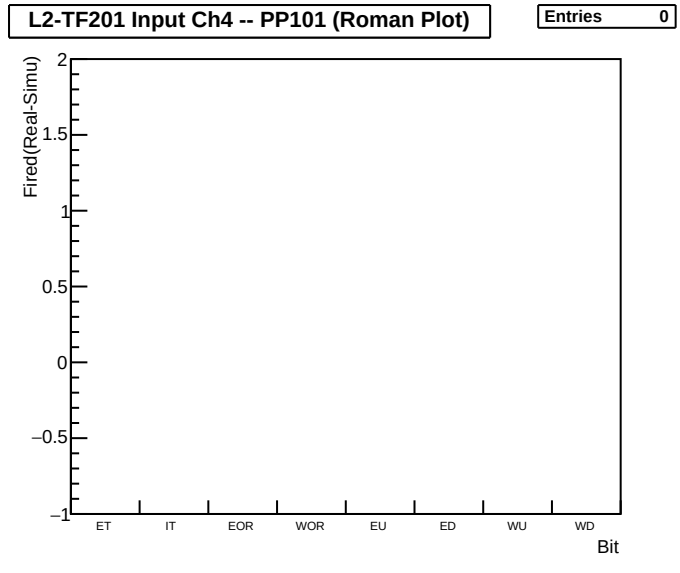

L2-TF201
Entries6837498
TOF total mult

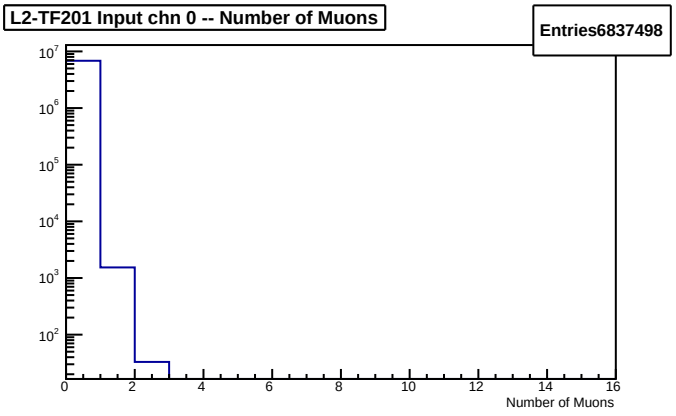

L2-TF201
Entries 0
TOF total mult(Real-Simu)

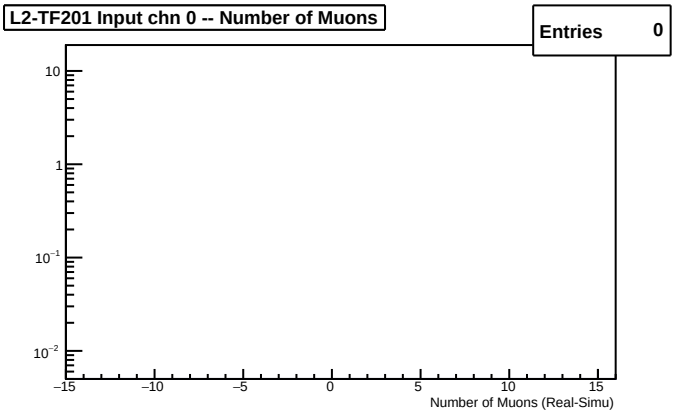

L2-TF201
Entries 4.786249e+07
Threshold/UPC bits
5.47126e+06
5.50699e+06
5.19519e+06
5.37018e+06
5.41357e+06
5.30682e+06
5.86111e+06
1.36624e+06
1.33051e+06
1.64231e+06
1.46732e+06
1.42392e+06
1.53068e+06
976392
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

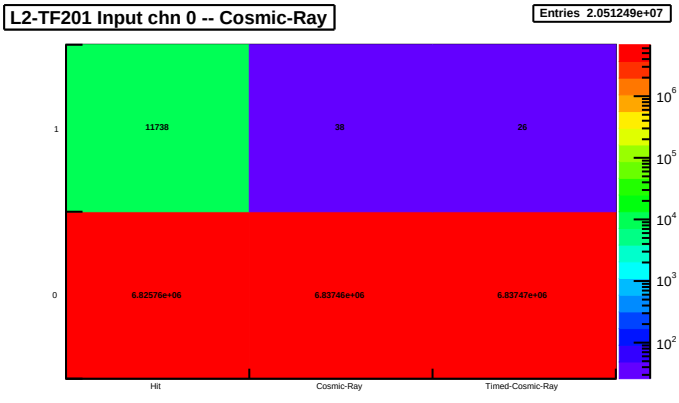

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

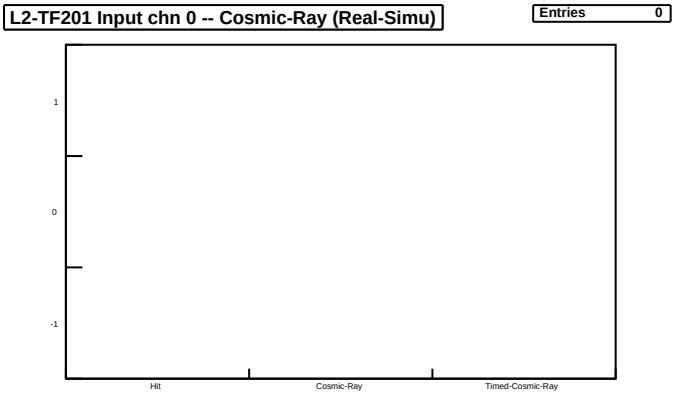

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 5.469998e+07
Fired
1.35897e+06
1.02786e+06
3.05216e+06
2.78451e+06
1.58599e+06
2.31375e+06
1.78403e+06
1.88563e+06
5.47852e+06
5.80963e+06
3.78533e+06
4.05299e+06
5.25151e+06
4.52375e+06
5.05347e+06
4.95186e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

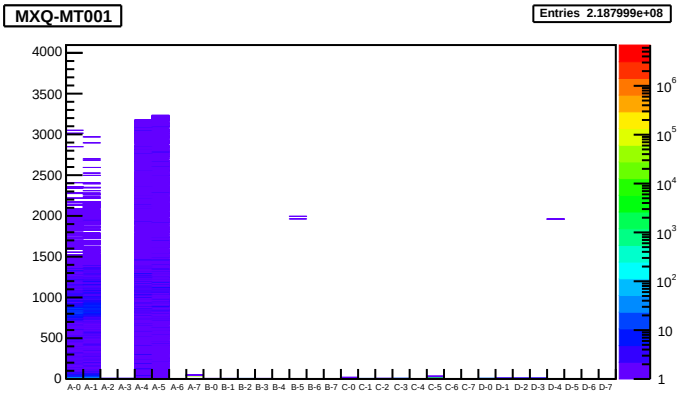

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

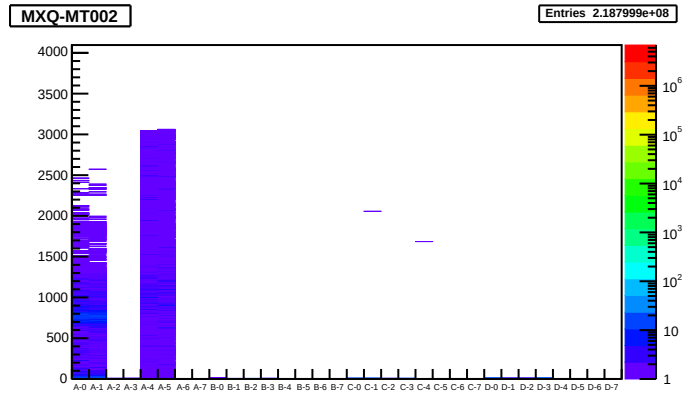

L2-TF201 Input chn 0 -- Number of Muons
Entries6837498
Number of Muons


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


L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 2.051249e+07
11738
38
26
6.82576e+06
6.83746e+06
6.83747e+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 2.187999e+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 2.187999e+08
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2500
2000
1500
1000
500
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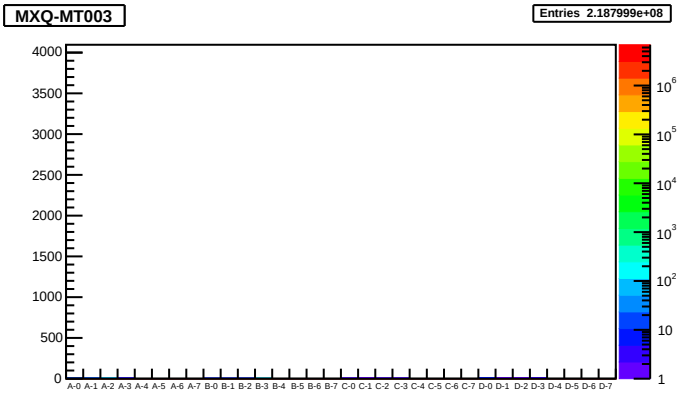
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT003
Entries 2.187999e+08
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1000
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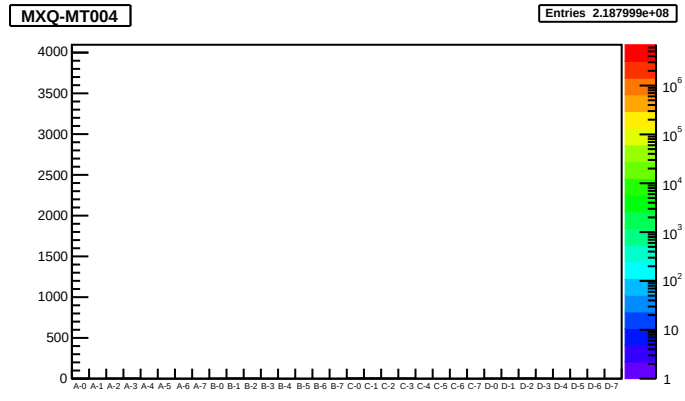
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT004
Entries 2.187999e+08
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3000
2500
2000
1500
1000
500
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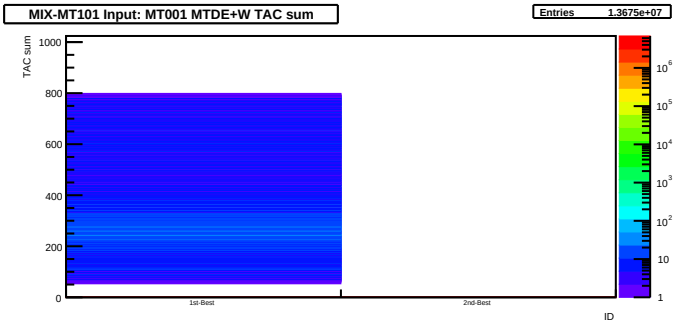
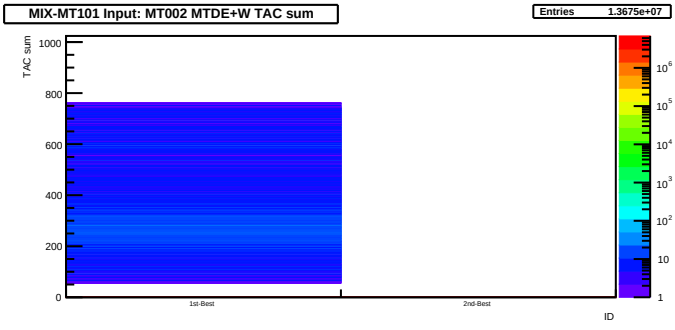
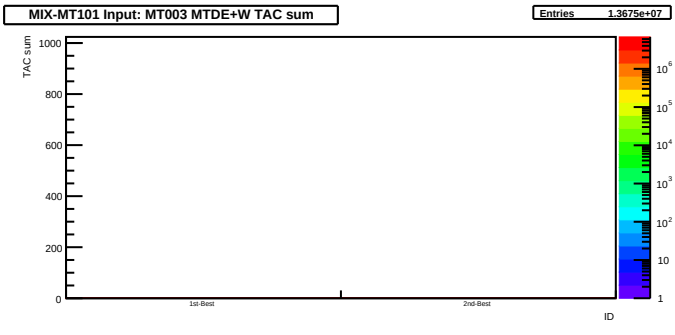
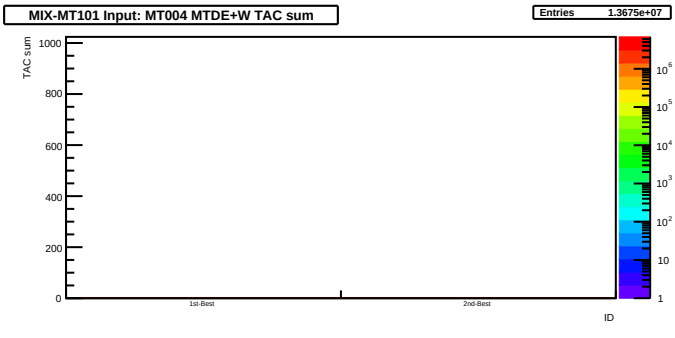
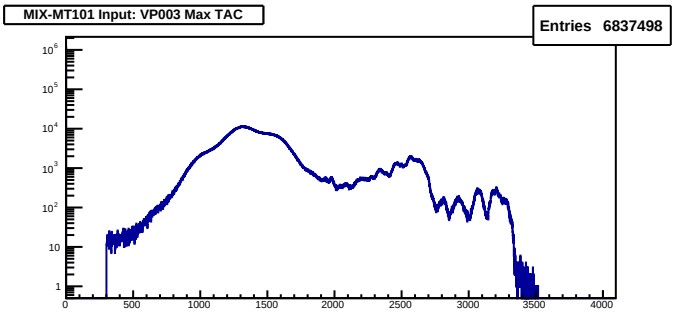
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

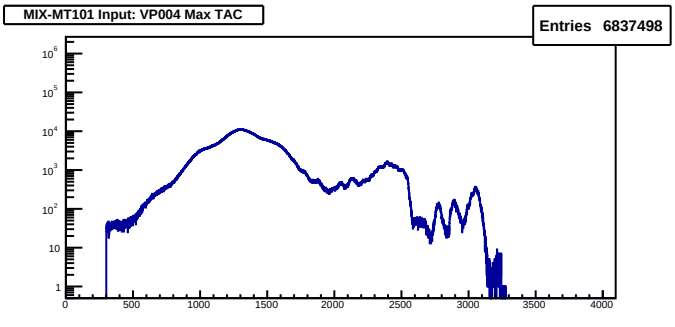

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.3675e+07
TAC sum
1st-Best
2nd-Best
ID

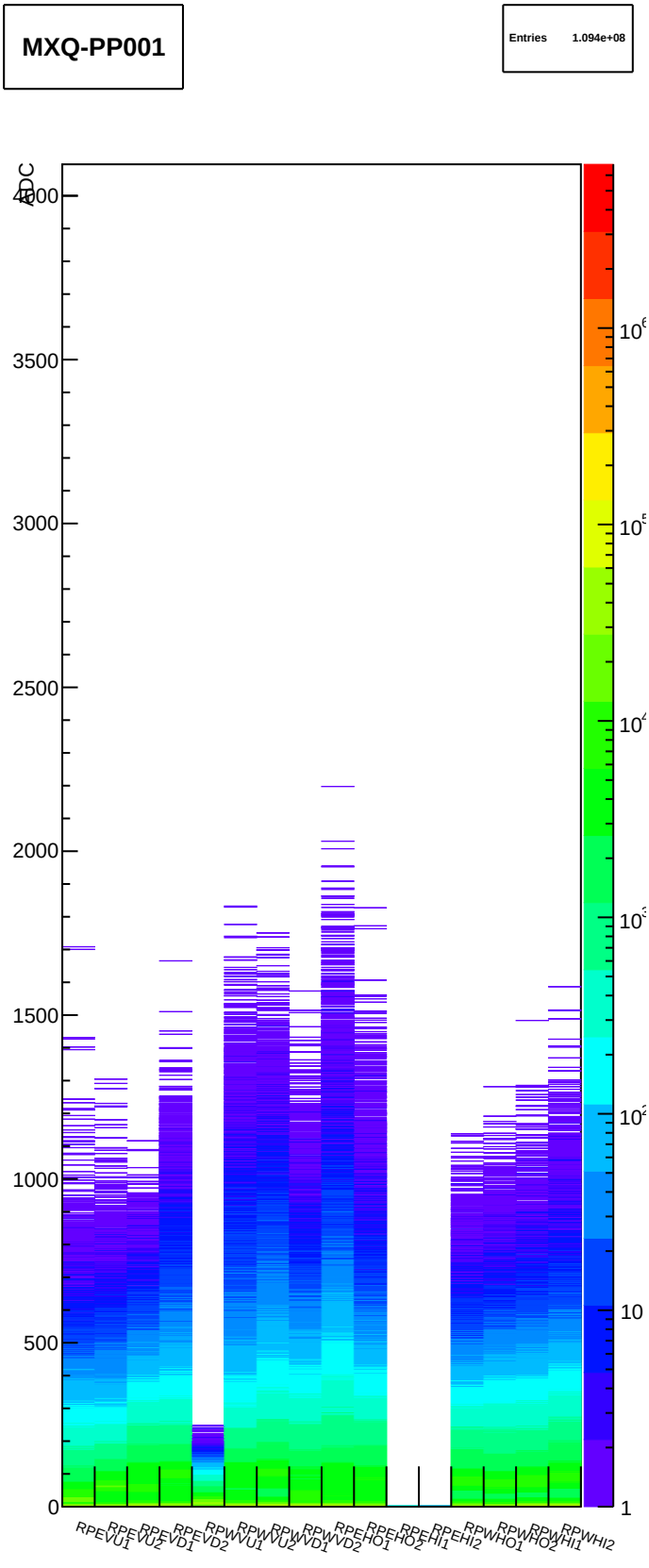

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.3675e+07
TAC sum
1st-Best
2nd-Best
ID

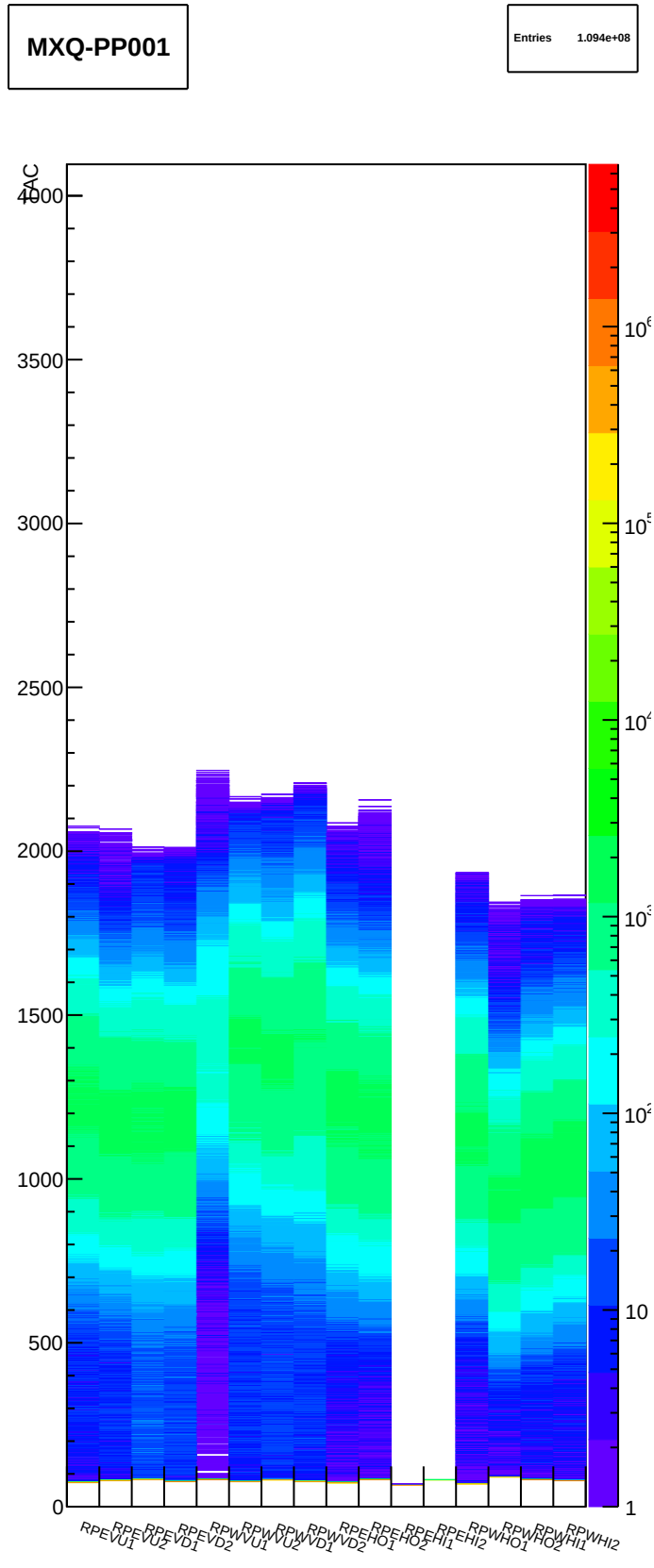

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.3675e+07
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.3675e+07
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: VP003 Max TAC
Entries 6837498


MIX-MT101 Input: VP004 Max TAC
Entries 6837498


MXQ-PP001
Entries 1.094e+08
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-PP001
Entries 1.094e+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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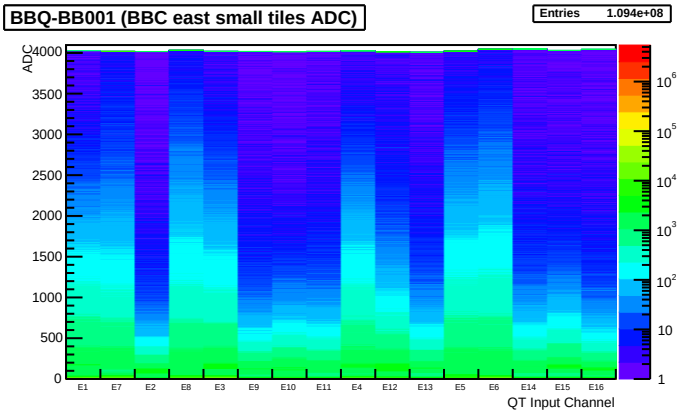
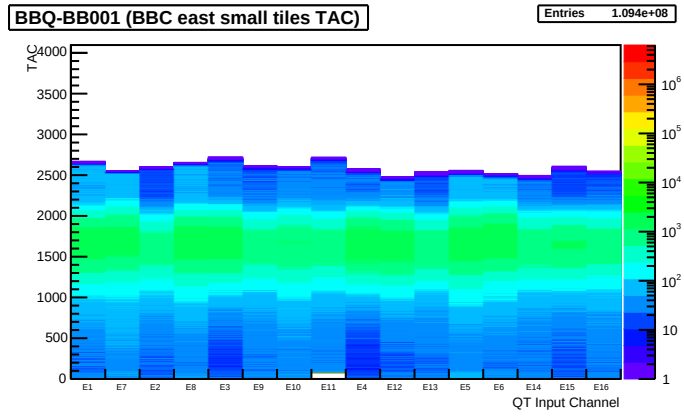
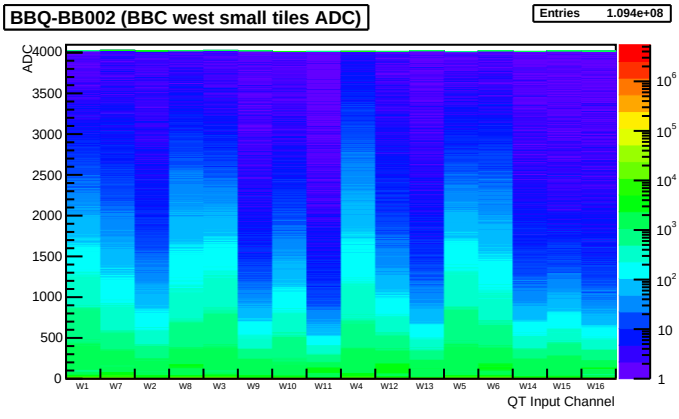
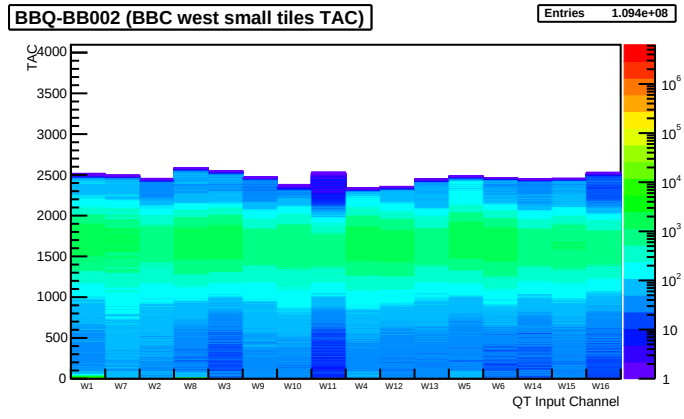
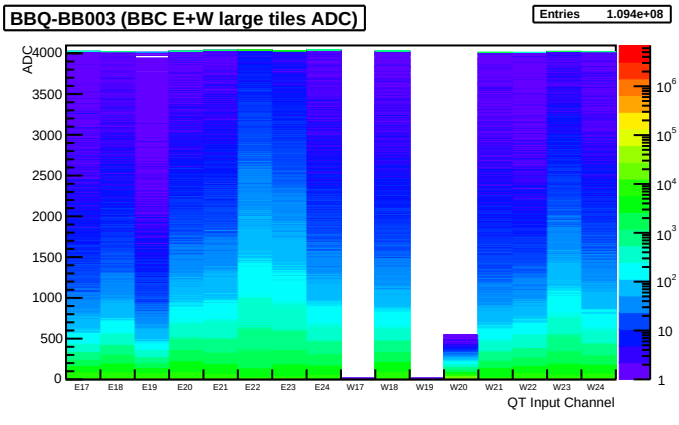
10^4
10^3
10^2
10
1

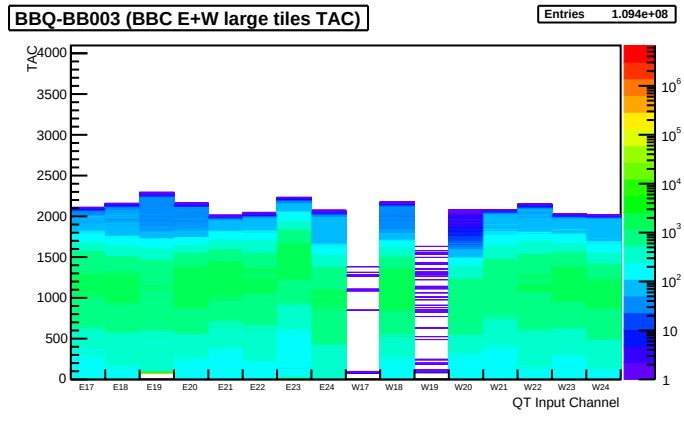

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.094e+08
ADC
QT Input Channel

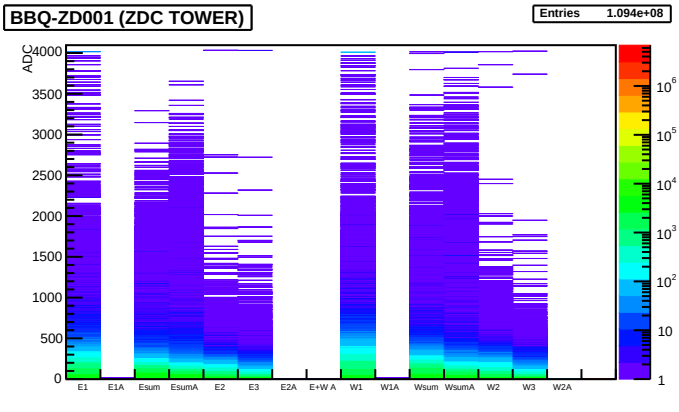

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.094e+08
TAC
QT Input Channel

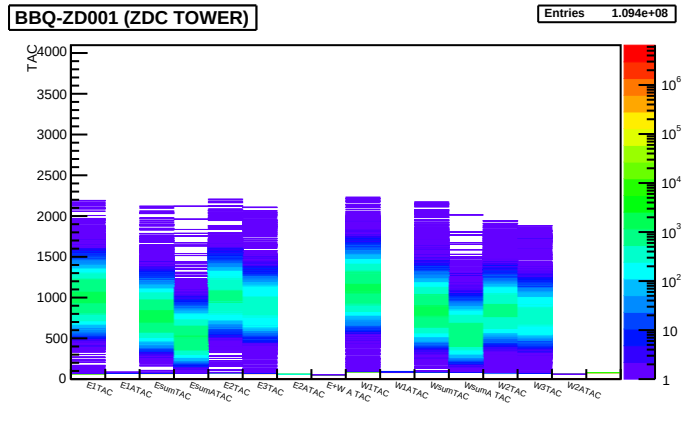

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.094e+08
ADC
QT Input Channel

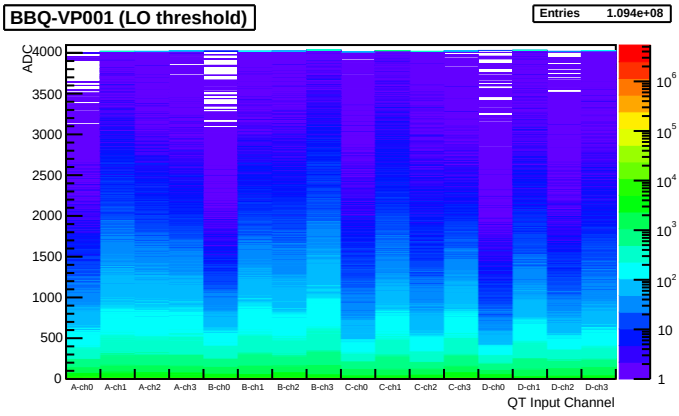

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.094e+08
TAC
QT Input Channel

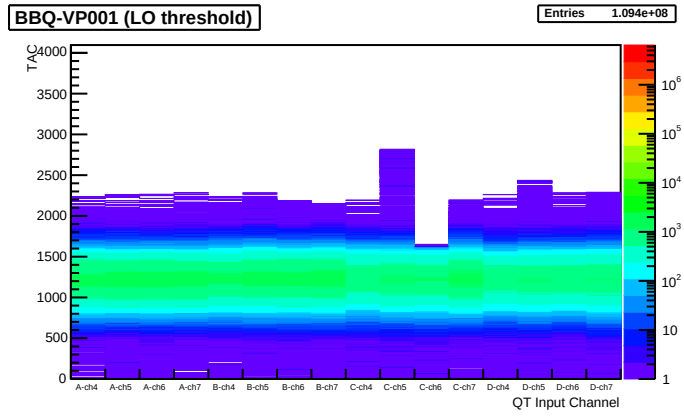

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.094e+08
ADC
QT Input Channel

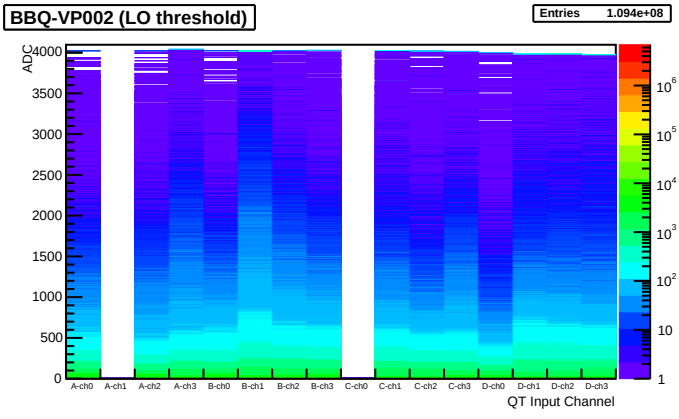

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.094e+08
TAC
QT Input Channel

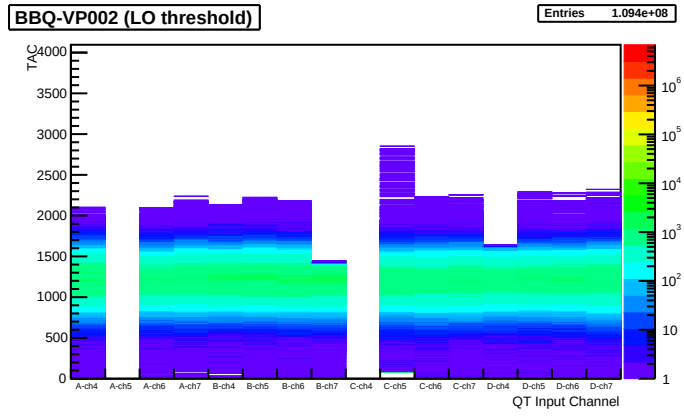

BBQ-ZD001 (ZDC TOWER)
Entries 1.094e+08
ADC

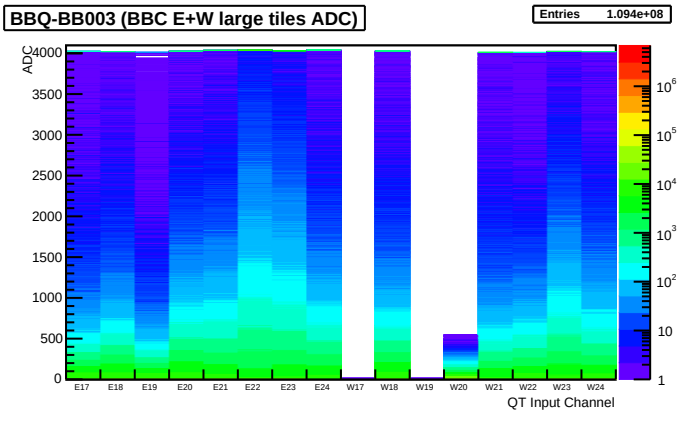

BBQ-ZD001 (ZDC TOWER)
Entries 1.094e+08
TAC

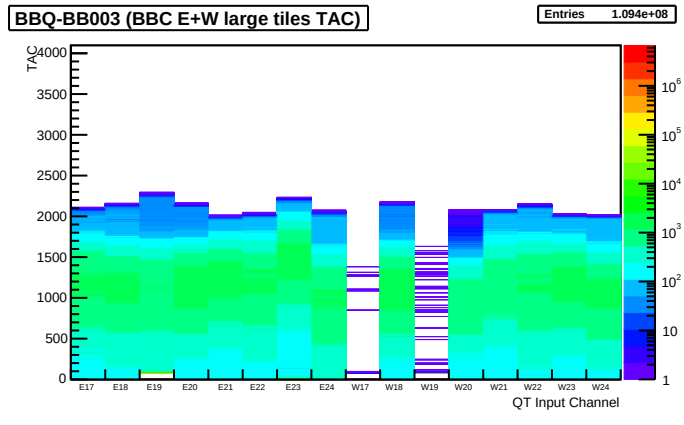

BBQ-VP001 (LO threshold)
Entries 1.094e+08
ADC
QT Input Channel

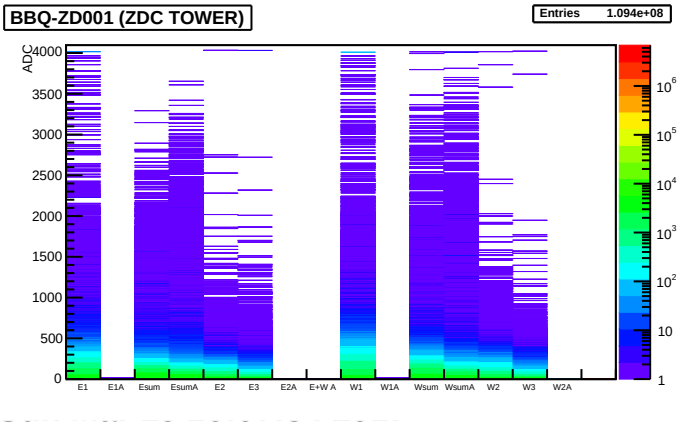

BBQ-VP001 (LO threshold)
Entries 1.094e+08
TAC
QT Input Channel

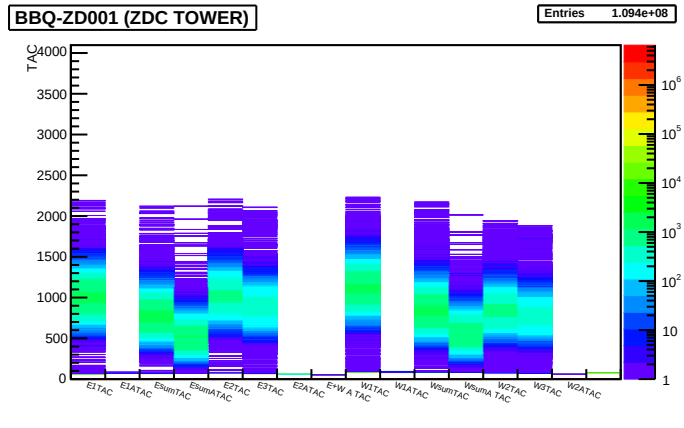

BBQ-VP002 (LO threshold)
Entries 1.094e+08
ADC
QT Input Channel

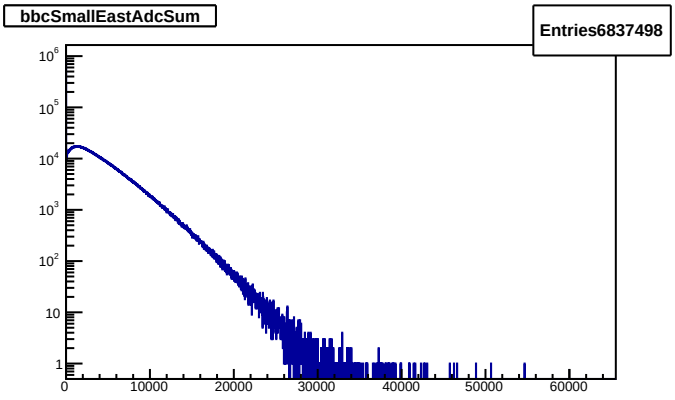

BBQ-VP002 (LO threshold)
Entries 1.094e+08
TAC
QT Input Channel

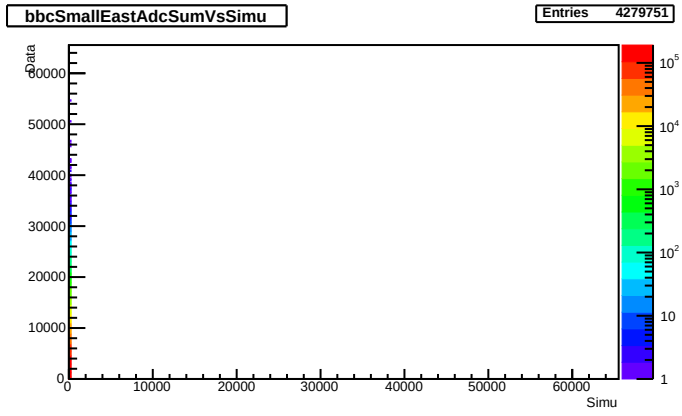

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.094e+08
ADC
QT Input Channel

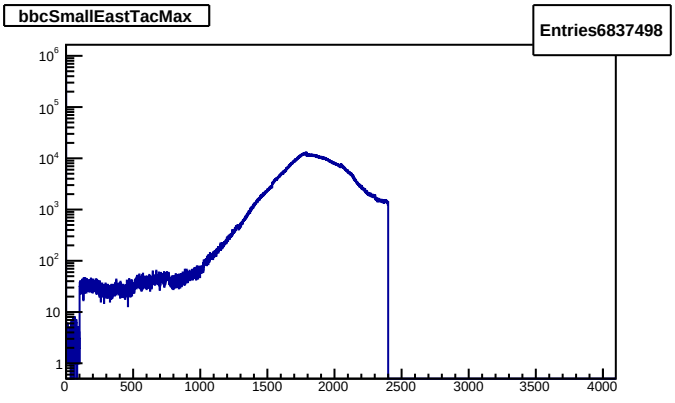

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.094e+08
TAC
QT Input Channel

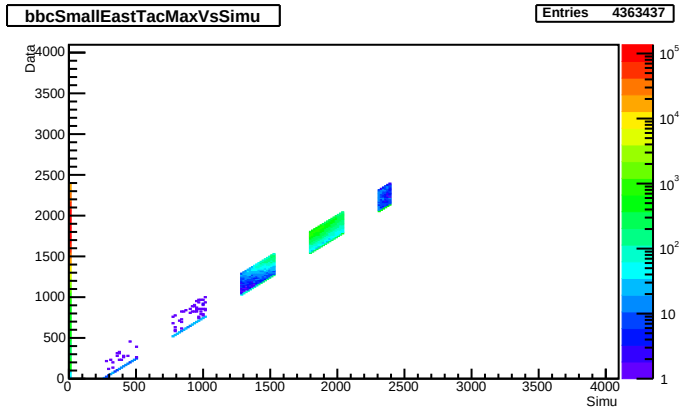

BBQ-ZD001 (ZDC TOWER)
Entries 1.094e+08
ADC

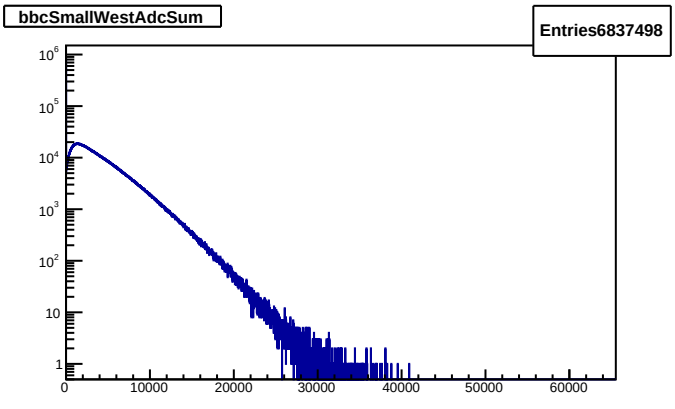

BBQ-ZD001 (ZDC TOWER)
Entries 1.094e+08
TAC

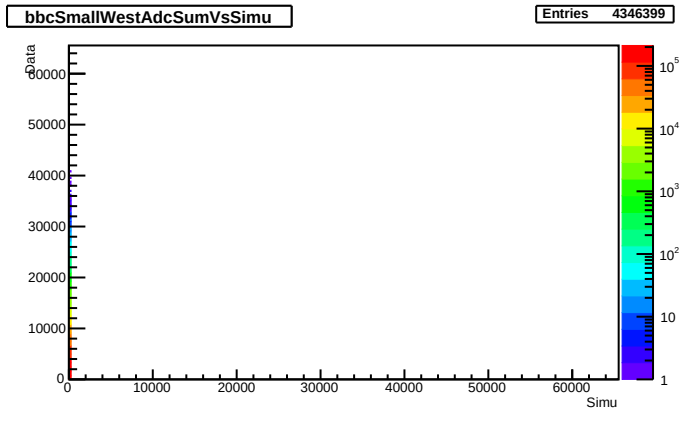

bbcSmallEastAdcSum
Entries6837498

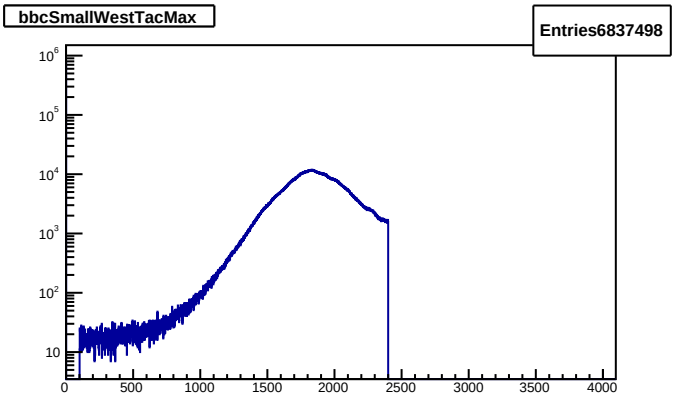

bbcSmallEastAdcSumVsSimu
Entries 4279751
Data
Simu

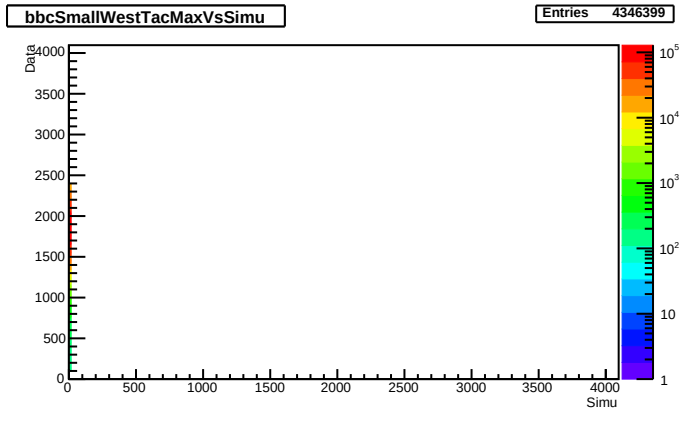

bbcSmallEastTacMax
Entries6837498

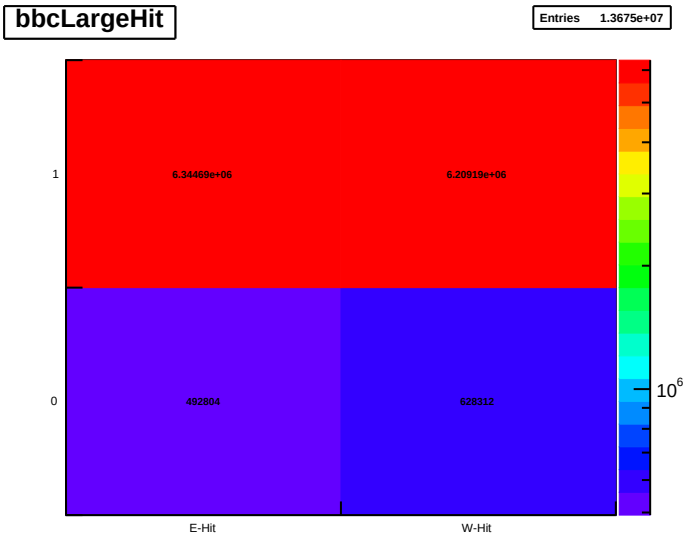

bbcSmallEastTacMaxVsSimu
Entries 4363437
Data
Simu

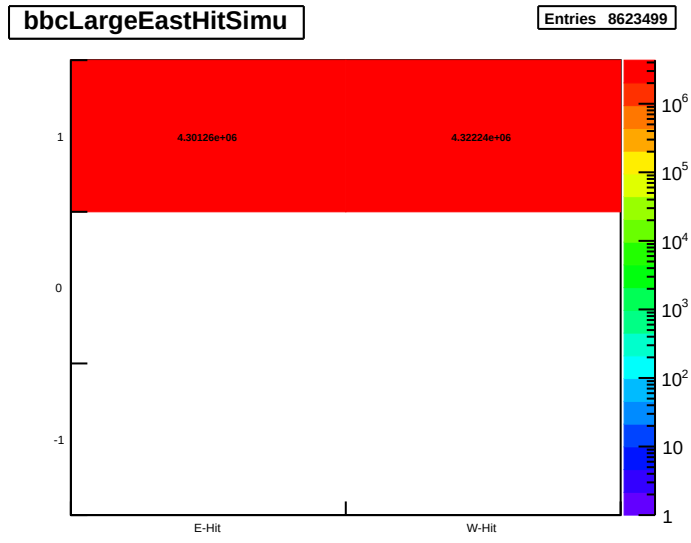

bbcSmallWestAdcSum
Entries6837498

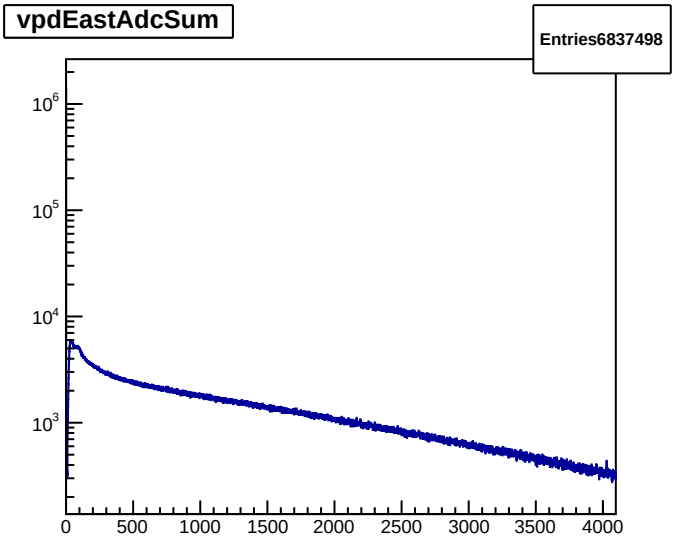

bbcSmallWestAdcSumVsSimu
Entries 4346399
Data
Simu

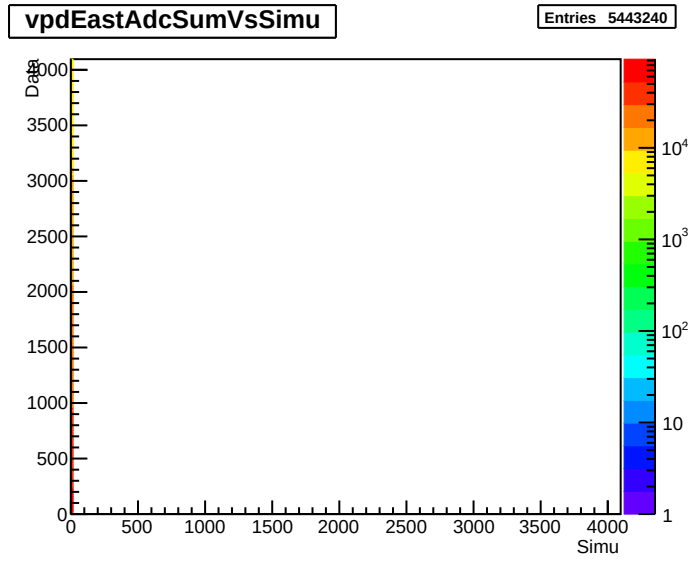

bbcSmallWestTacMax
Entries6837498

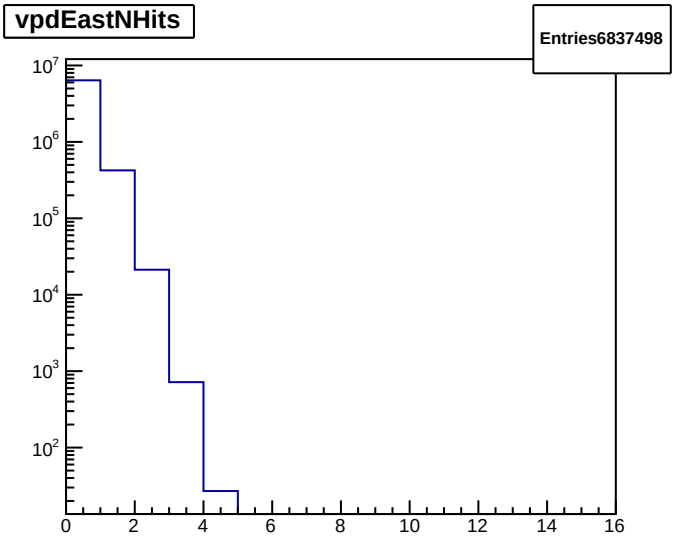

bbcSmallWestTacMaxVsSimu
Entries 4346399
Data
Simu

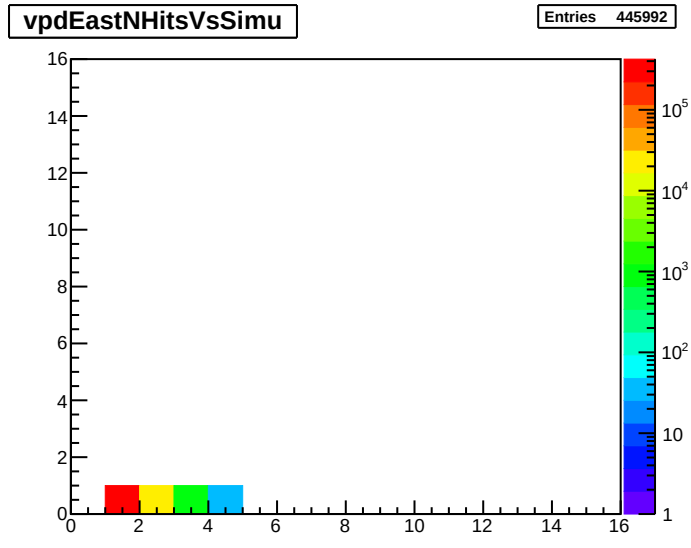

bbcLargeHit
Entries 1.3675e+07
6.34469e+06
6.20919e+06
492804
628312
1
0
E-Hit
W-Hit
10^6

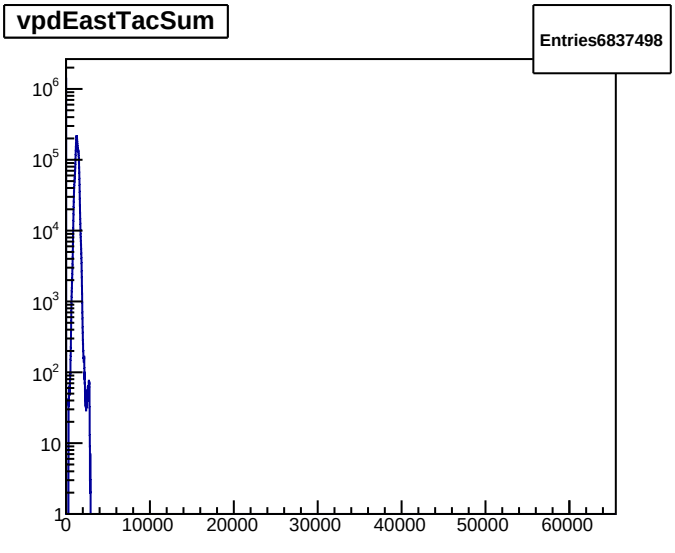

bbcLargeEastHitSimu
Entries 8623499
4.30126e+06
4.32224e+06
1
0
-1
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

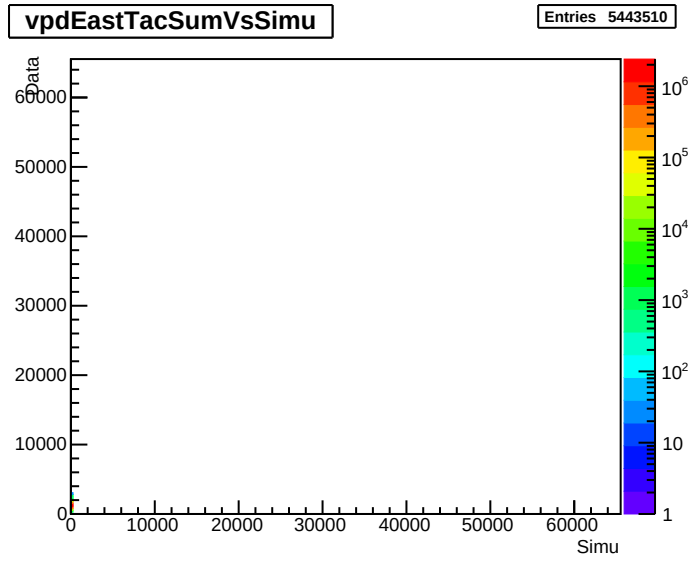

vpdEastAdcSum
Entries6837498

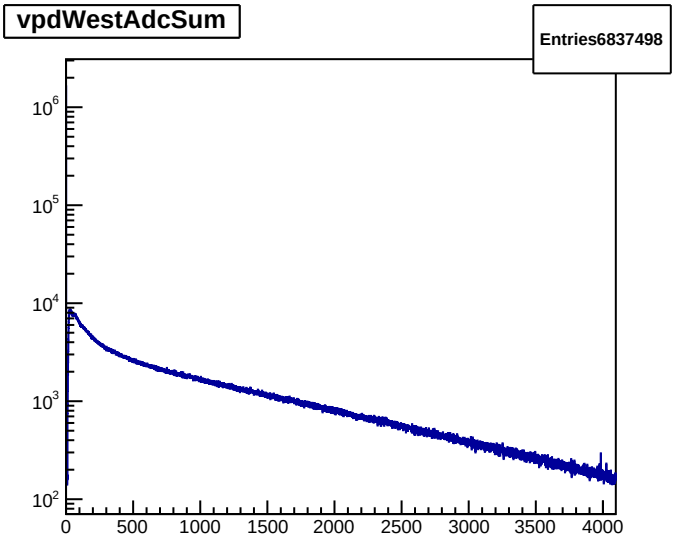

vpdEastAdcSumVsSimu
Entries 5443240
Data
Simu

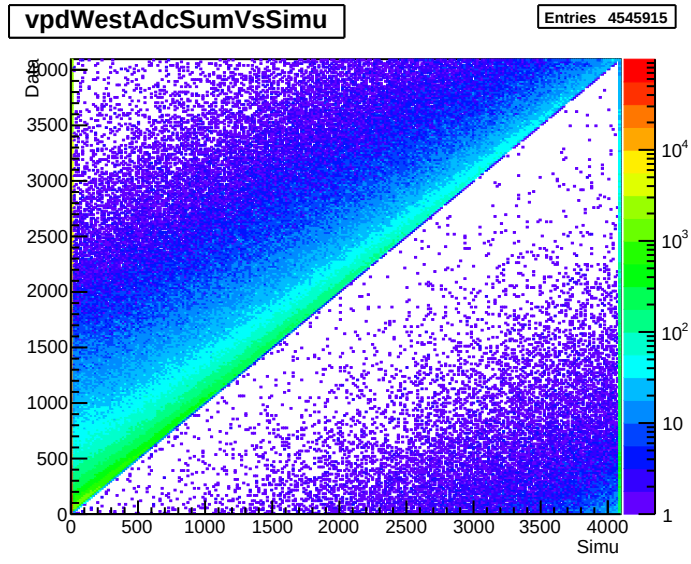

vpdEastNHits
Entries6837498

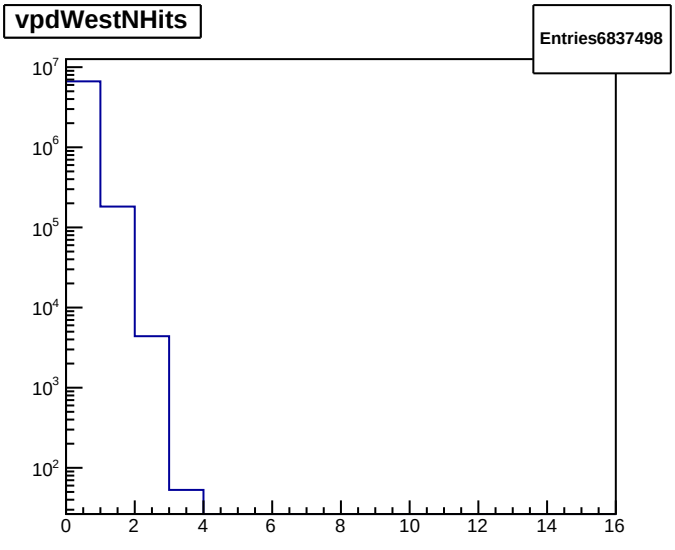

vpdEastNHitsVsSimu
Entries 445992

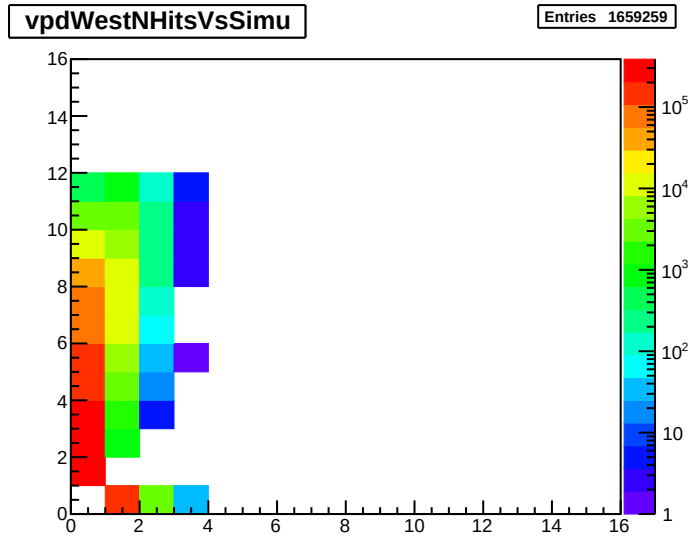

vpdEastTacSum
Entries6837498

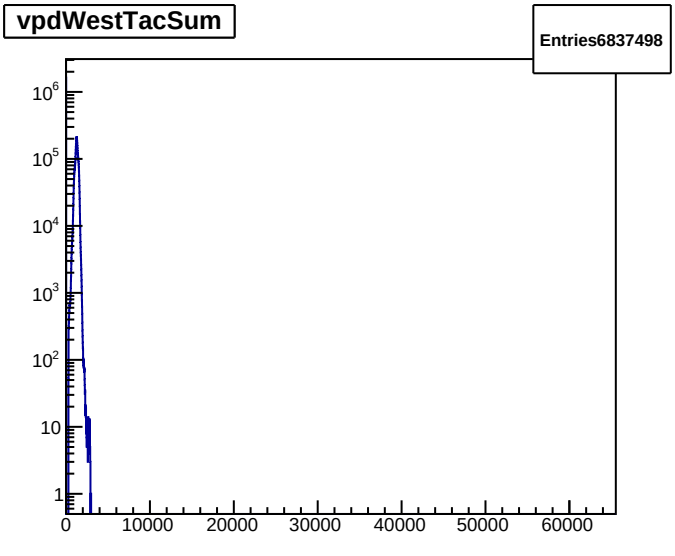

vpdEastTacSumVsSimu
Entries 5443510
Data
Simu

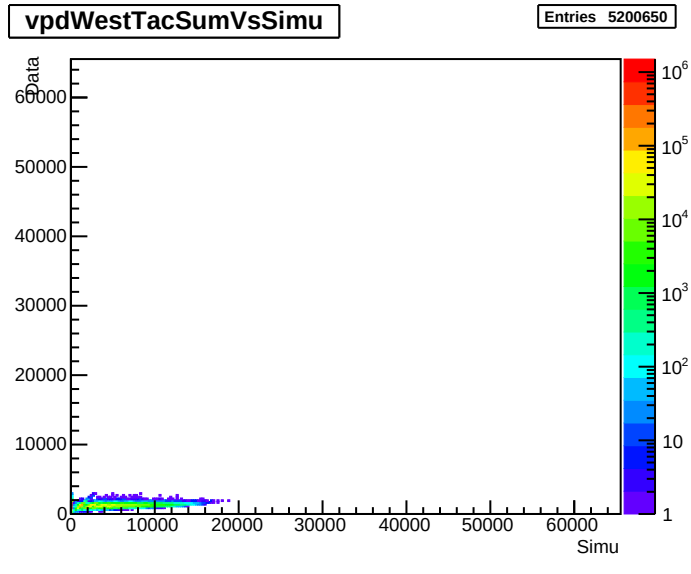

vpdWestAdcSum
Entries6837498

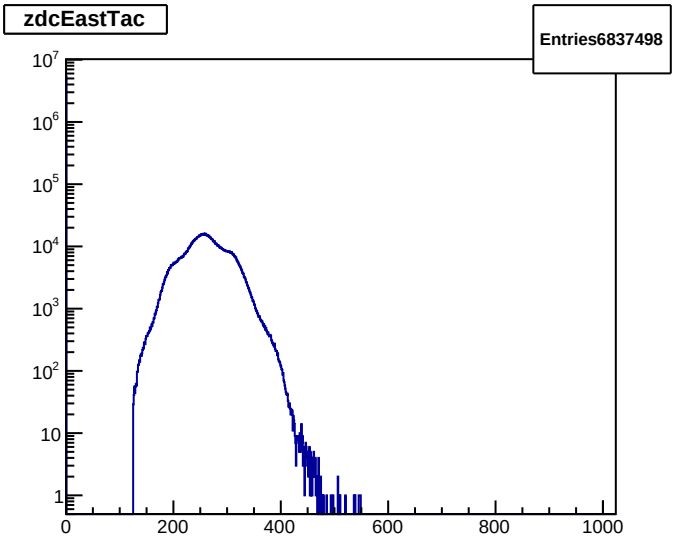

vpdWestAdcSumVsSimu
Entries 4545915
Data
Simu

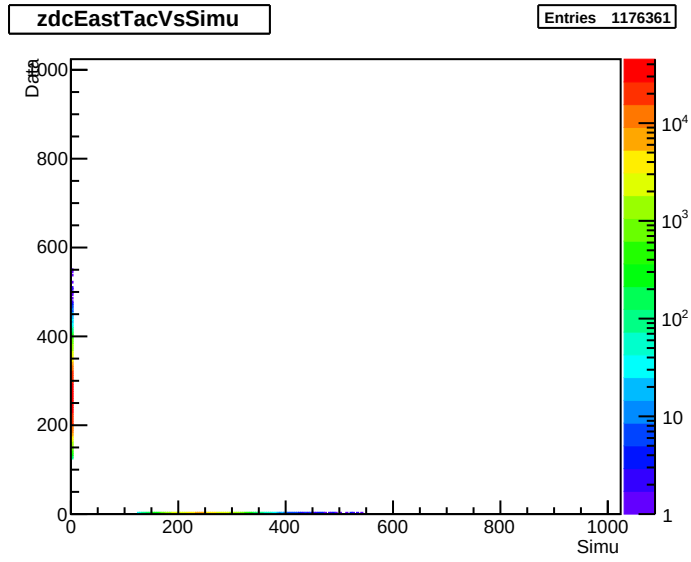

vpdWestNHits
Entries6837498

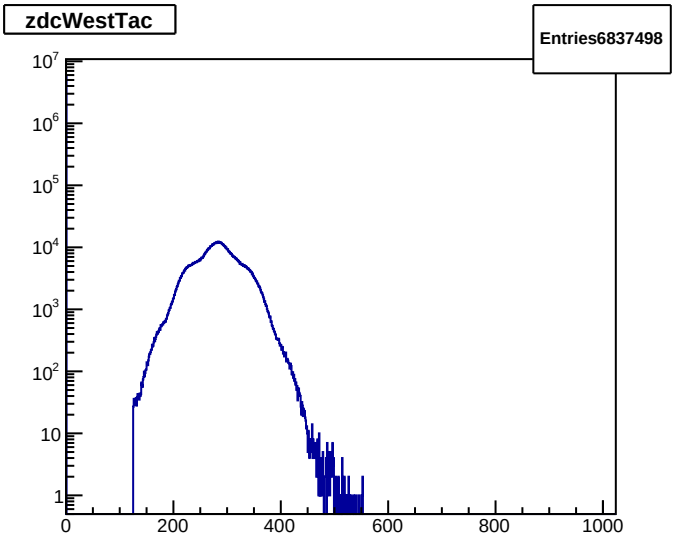

vpdWestNHitsVsSimu
Entries 1659259

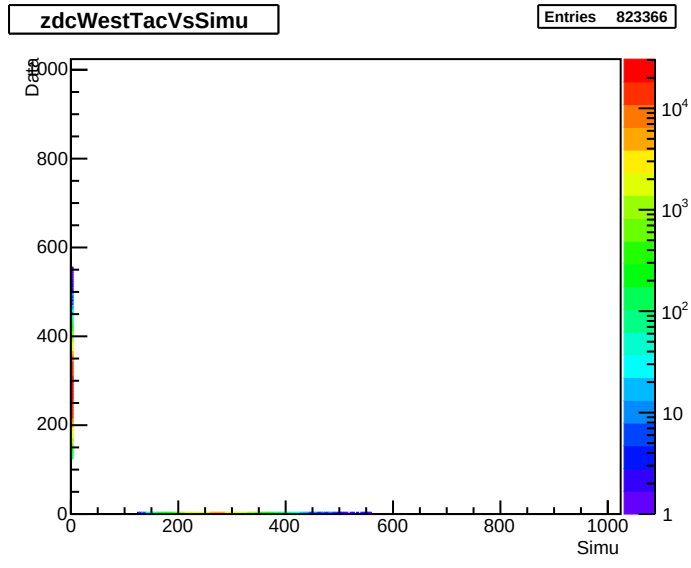

vpdWestTacSum
Entries6837498

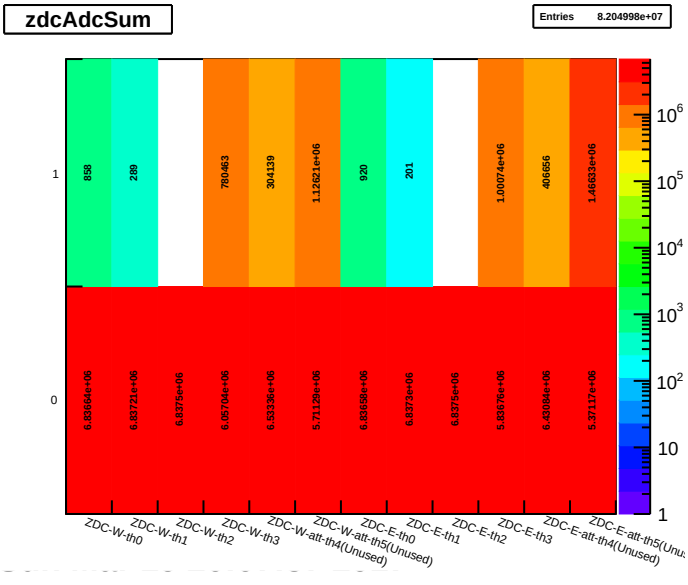

vpdWestTacSumVsSimu
Entries 5200650
Data
Simu

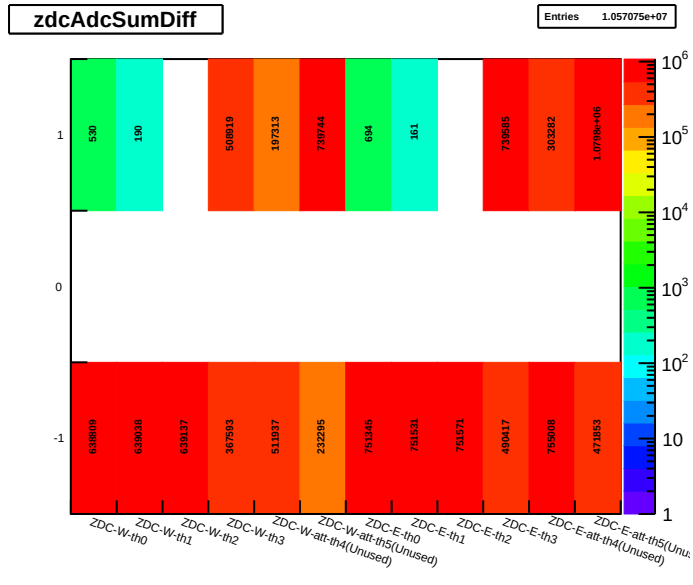

zdcEastTac
Entries6837498

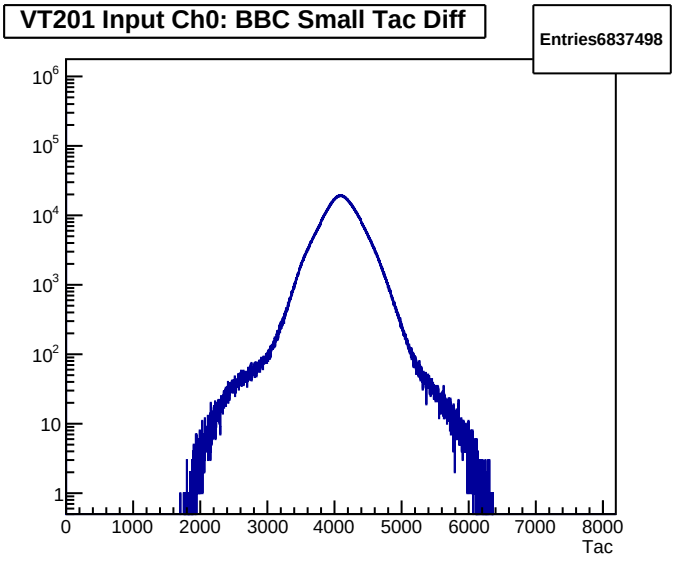

zdcEastTacVsSimu
Entries 1176361
Data
Simu

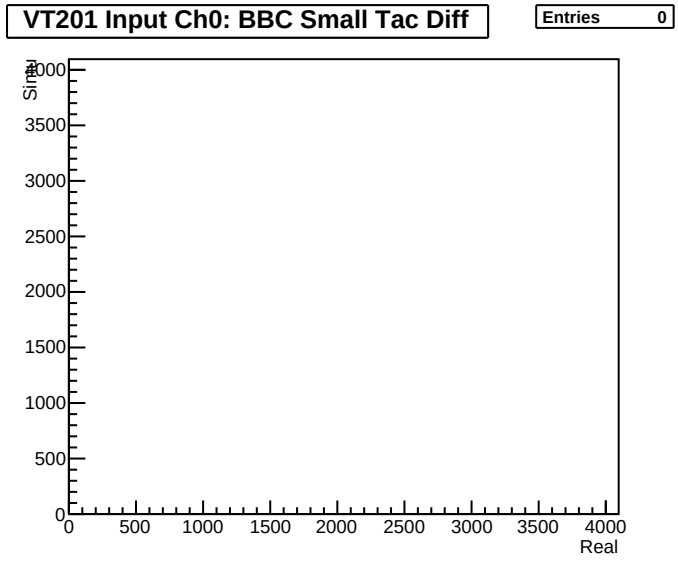

zdcWestTac
Entries6837498

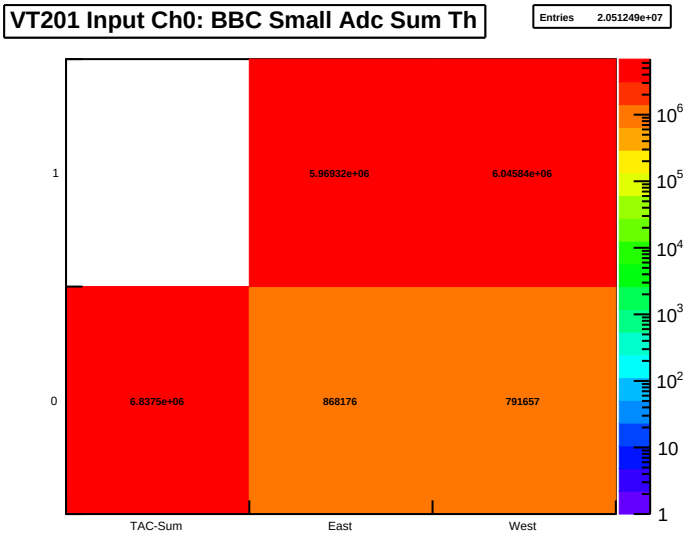

zdcWestTacVsSimu
Entries 823366
Data
Simu

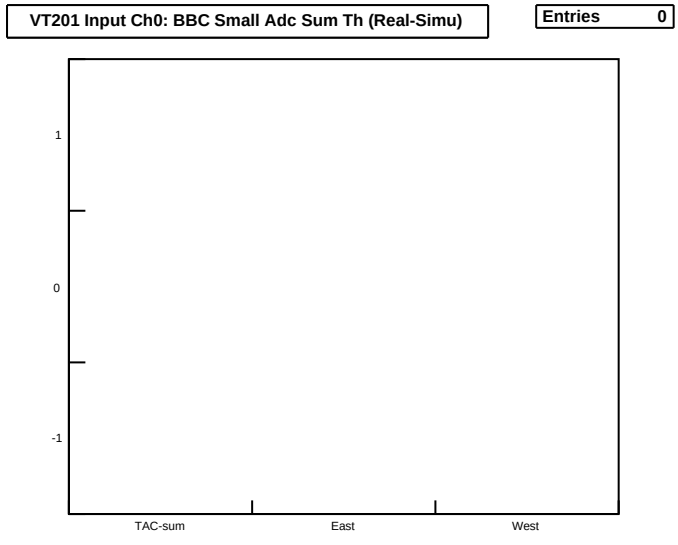

zdcAdcSum
Entries 8.204998e+07
858
289
780463
304139
1.12621e+06
920
201
1.00074e+06
406656
1.46633e+06
6.83664e+06
6.83721e+05
6.8375e+06
6.05704e+06
6.53336e+06
5.71129e+06
6.83658e+06
6.8373e+06
6.8375e+06
5.82676e+06
6.43084e+06
5.37117e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
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

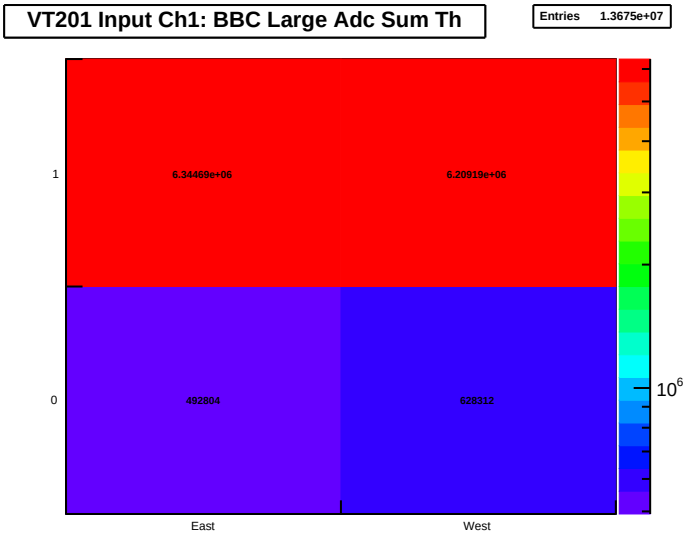

zdcAdcSumDiff
Entries 1.057075e+07
530
190
508919
197313
739744
694
161
739585
303282
1.0798e+06
638809
639038
639137
367593
511937
232295
751345
751531
751571
490417
755008
471853
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

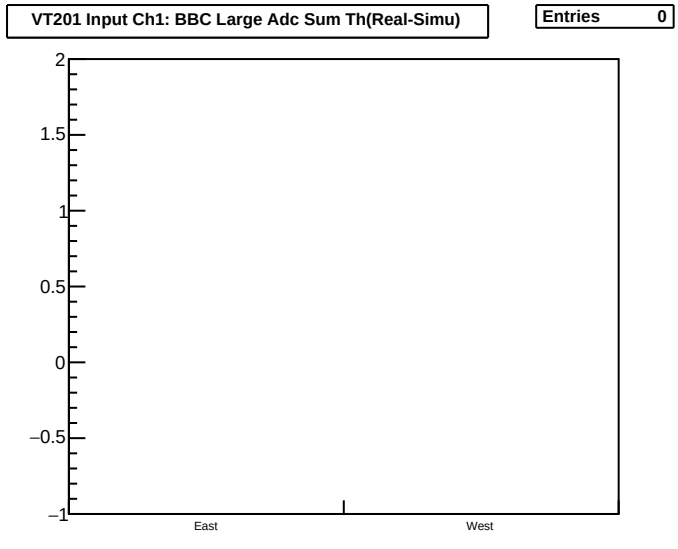

VT201 Input Ch0: BBC Small Tac Diff
Entries6837498
Tac


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

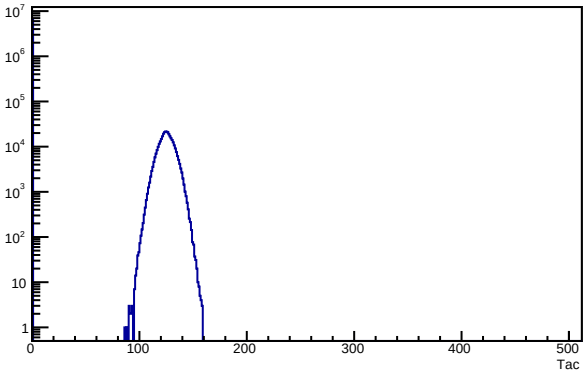

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 2.051249e+07
5.96932e+06
6.04584e+06
6.8375e+06
868176
791657
TAC-Sum
East
West


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

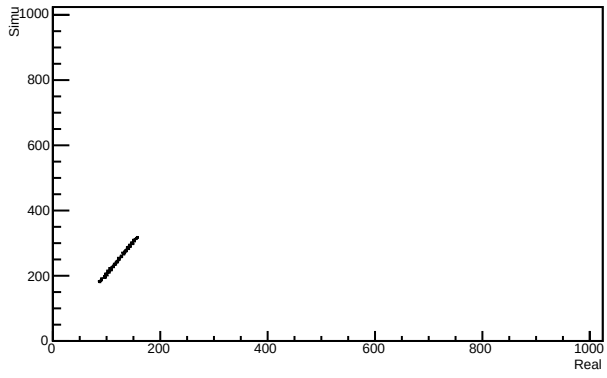

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.3675e+07
6.34469e+06
6.20919e+06
492804
628312
East
West


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

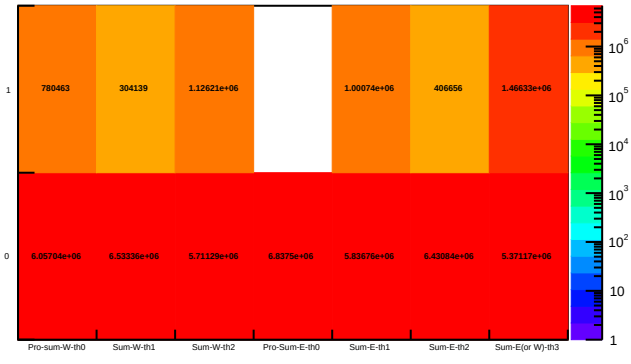
VT201 Input Ch2: ZDC Tac Diff



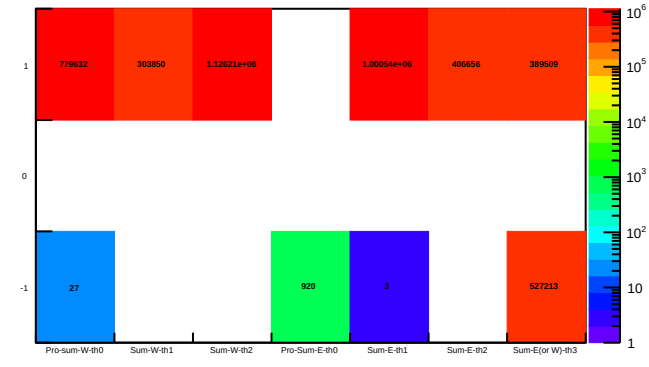
VT201 Input Ch2: ZDC Tac Diff



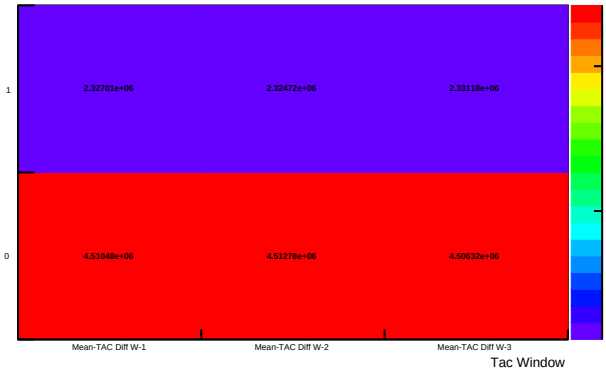
VT201 Input Ch2: ZDC Adc Sum Th



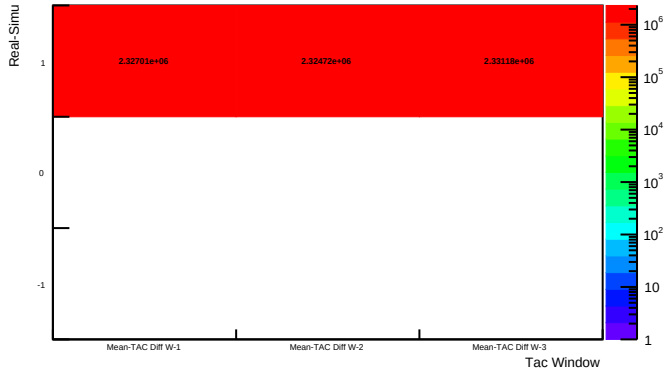
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



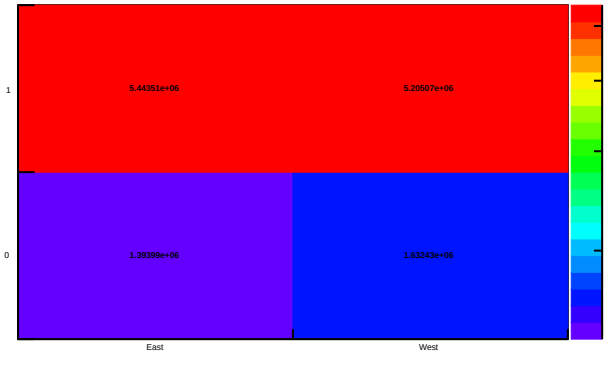
VT201 Input Ch4: VPD Tac Diff



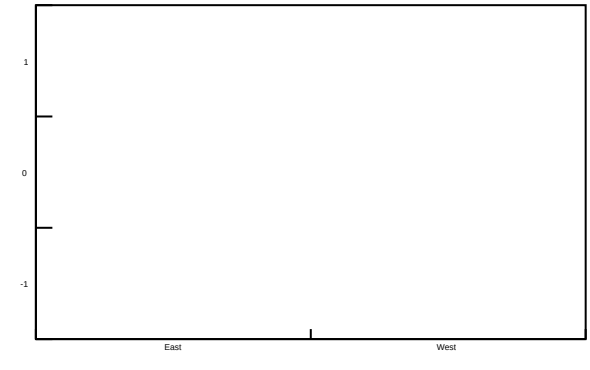
VT201 Input Ch4: VPD Tac Diff

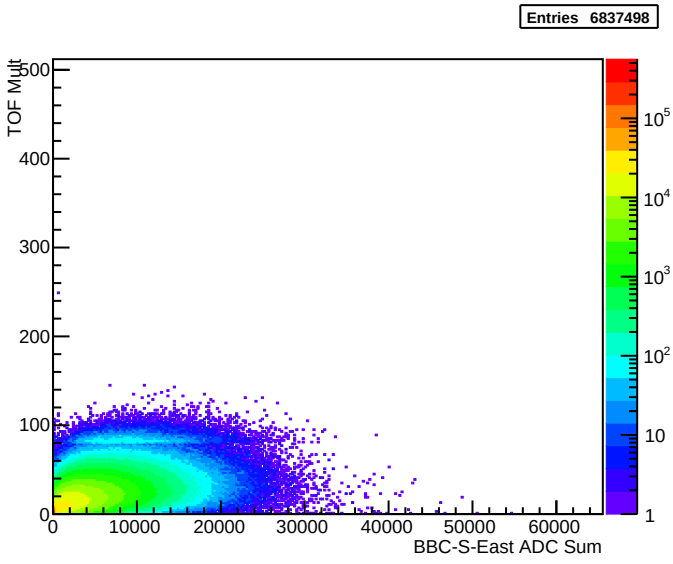


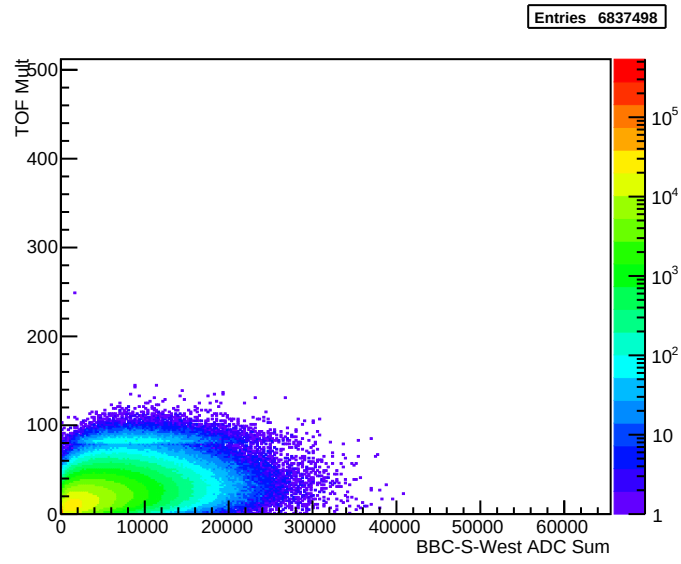
VT201 Input Ch4: VPD Adc Sum Th

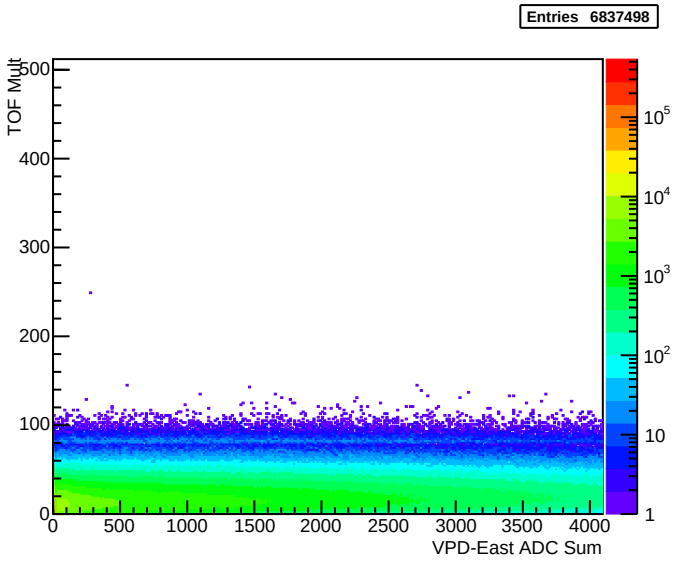


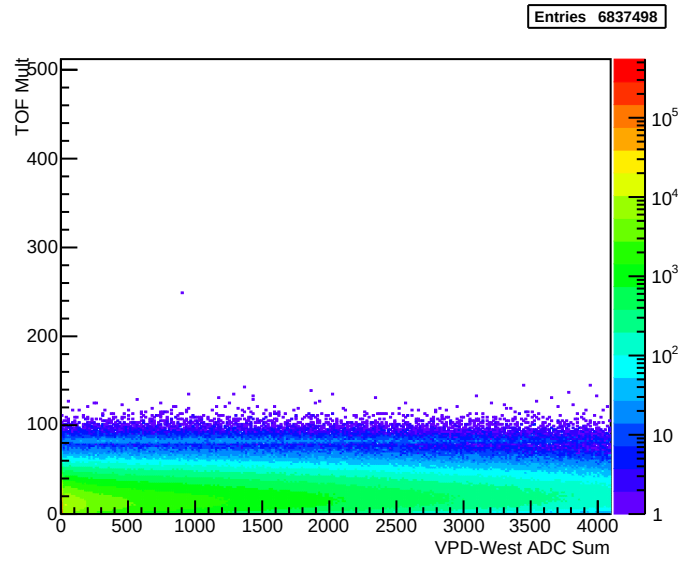
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

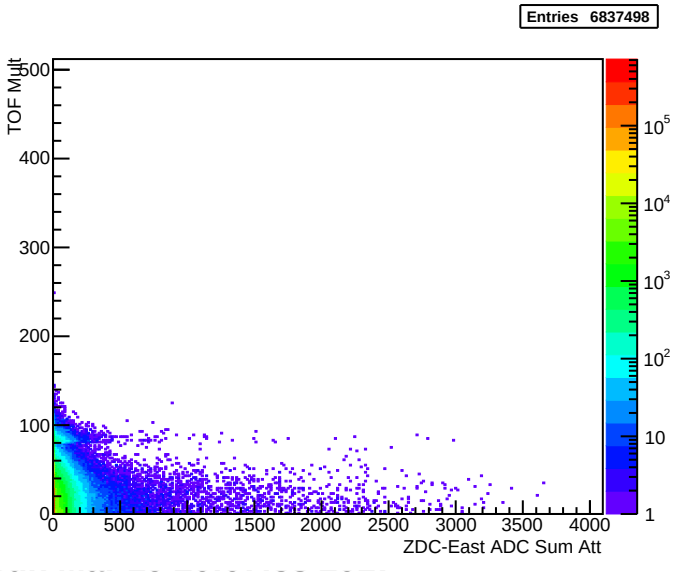


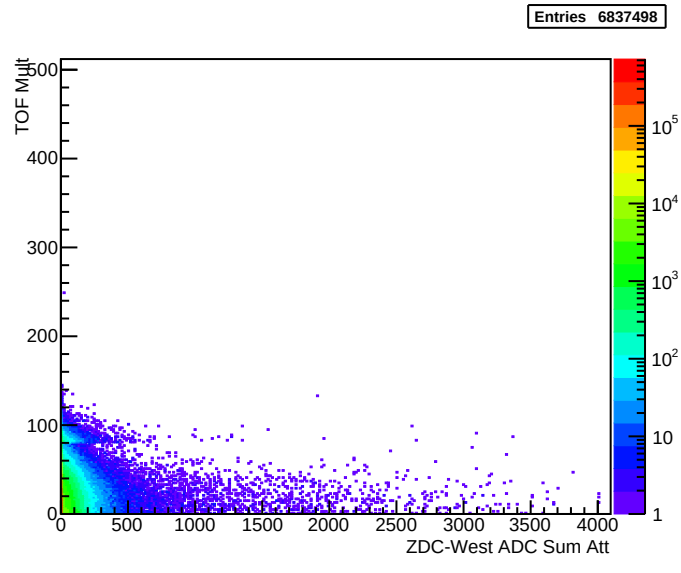

Entries 6837498
TOF Mult
BBC-S-East ADC Sum

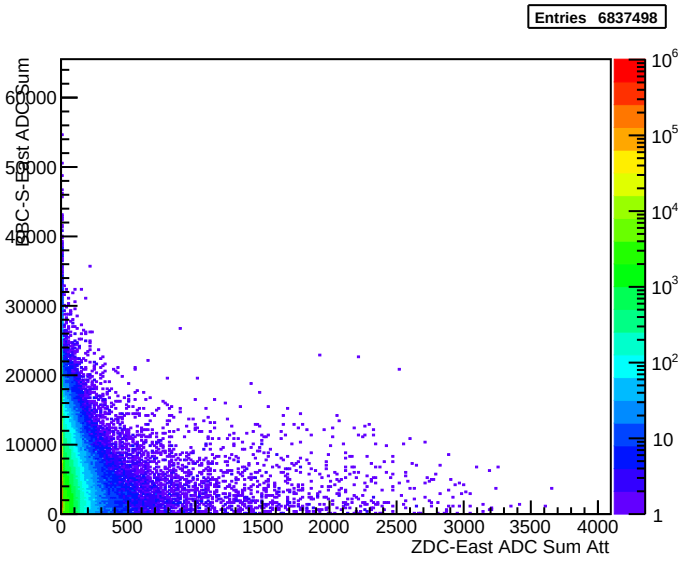

Entries 6837498
TOF Mult
BBC-S-West ADC Sum

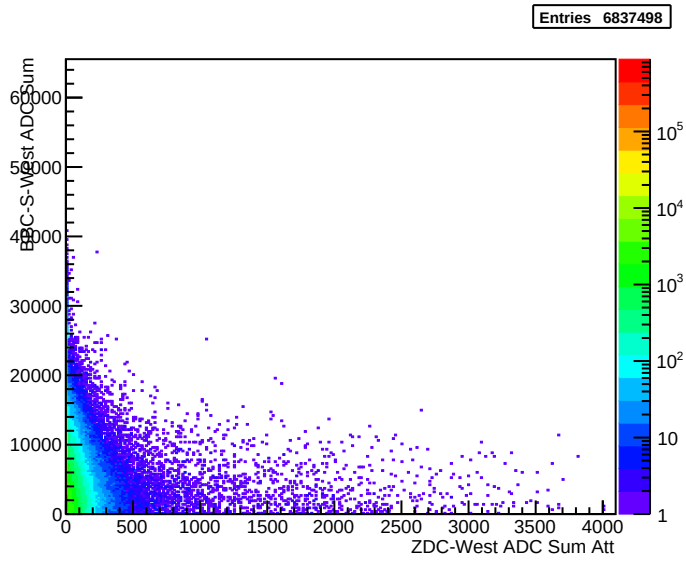

Entries 6837498
TOF Mult
VPD-East ADC Sum

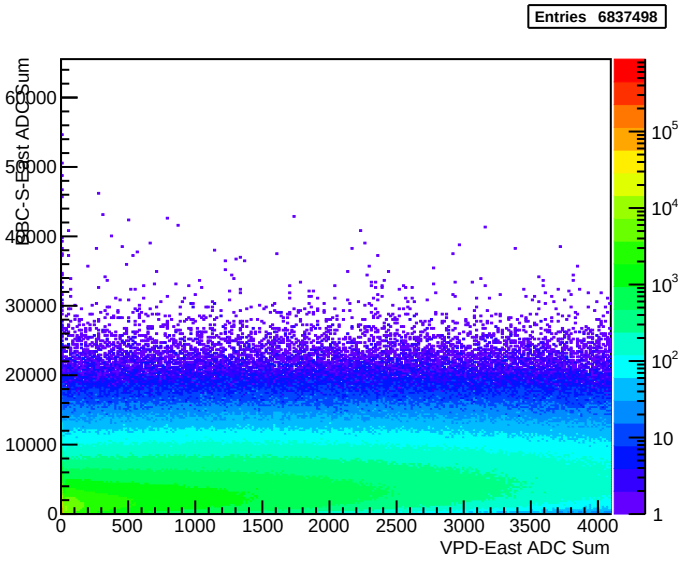

Entries 6837498
TOF Mult
VPD-West ADC Sum

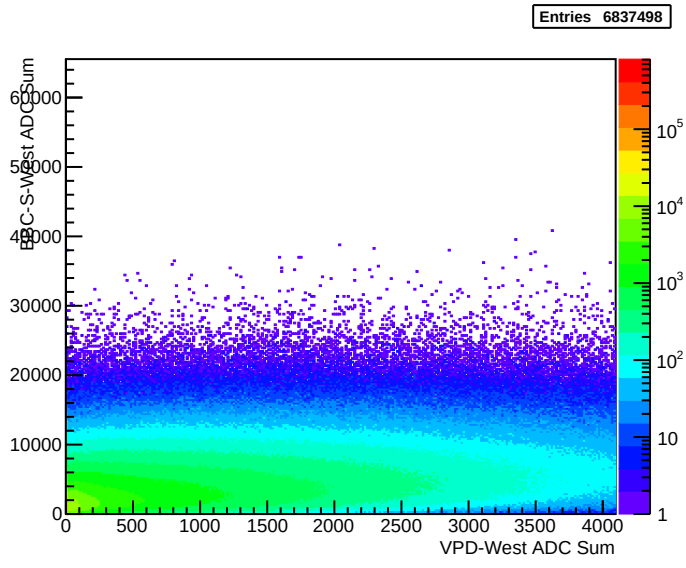

Entries 6837498
TOF Mult
ZDC-East ADC Sum Att

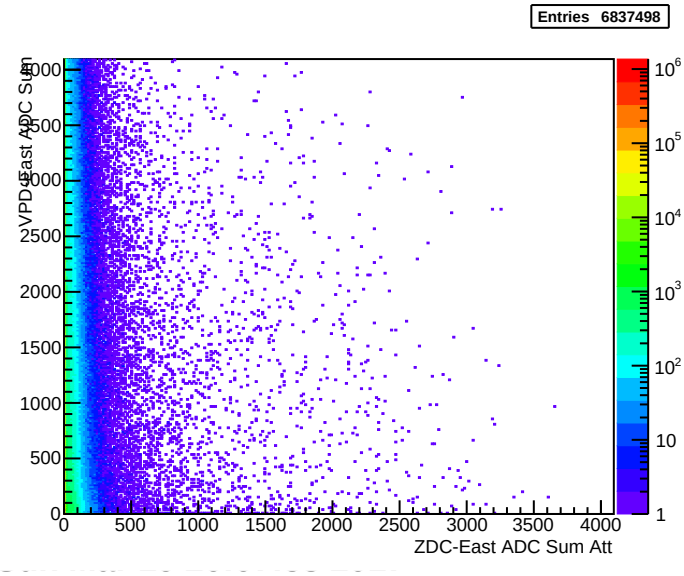

Entries 6837498
TOF Mult
ZDC-West ADC Sum Att

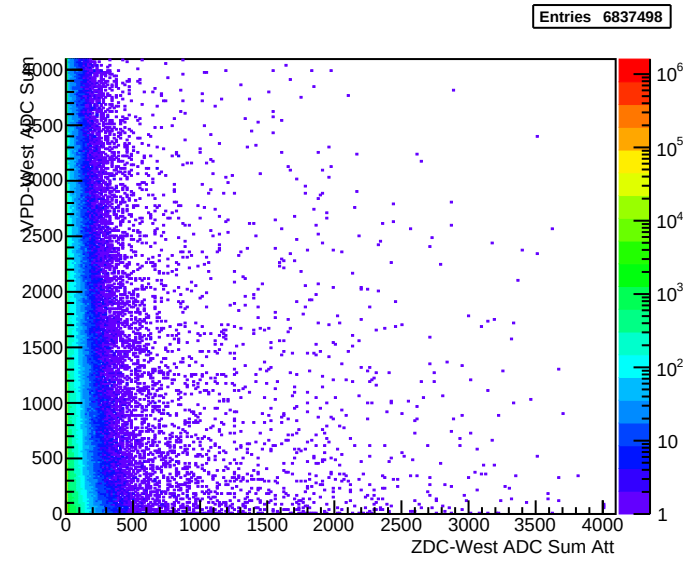

Entries 6837498
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

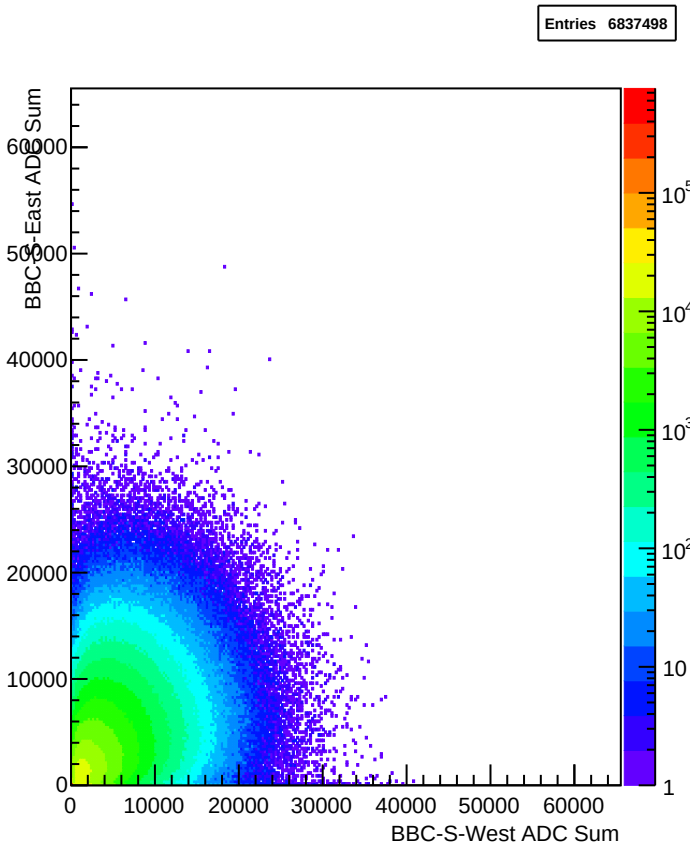

Entries 6837498
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

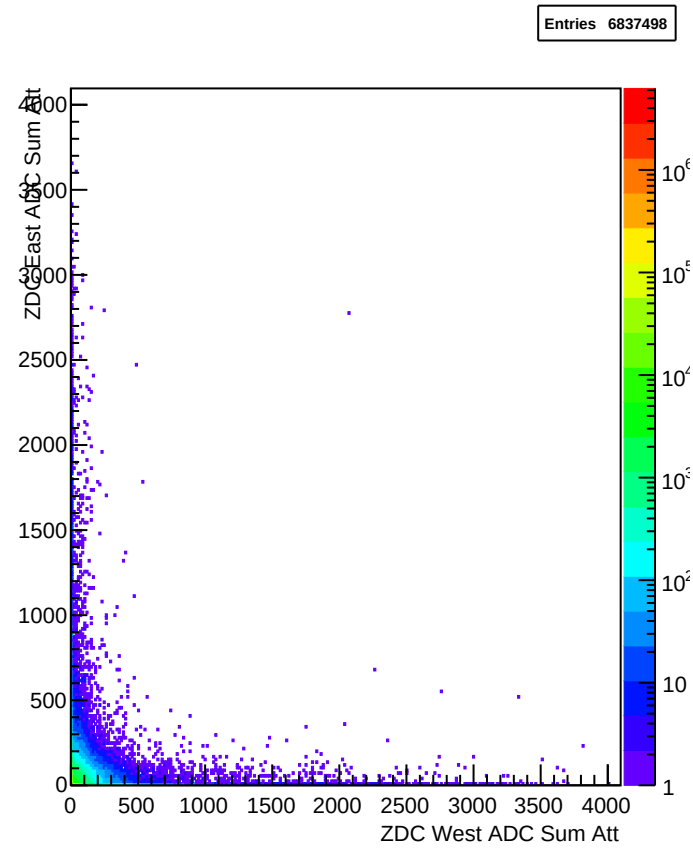

Entries 6837498
BBC-S-East ADC Sum
VPD-East ADC Sum

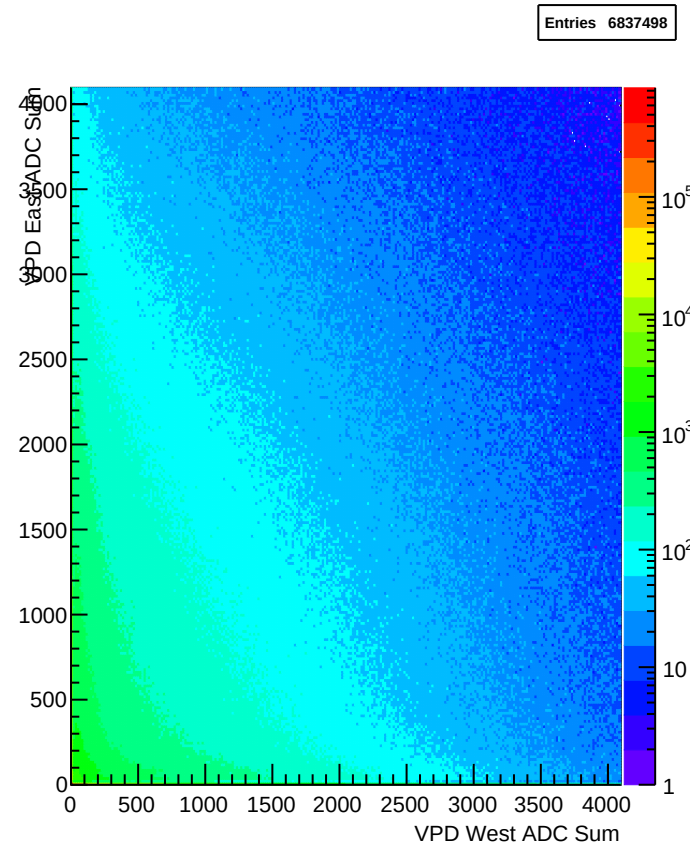

Entries 6837498
BBC-S-West ADC Sum
VPD-West ADC Sum

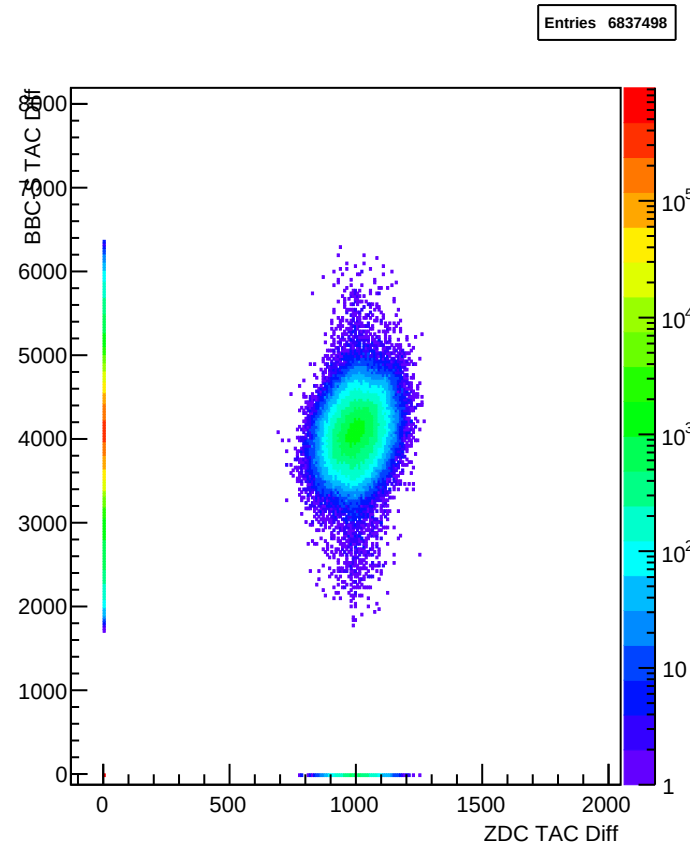

Entries 6837498
VPD-East ADC Sum
ZDC-East ADC Sum Att

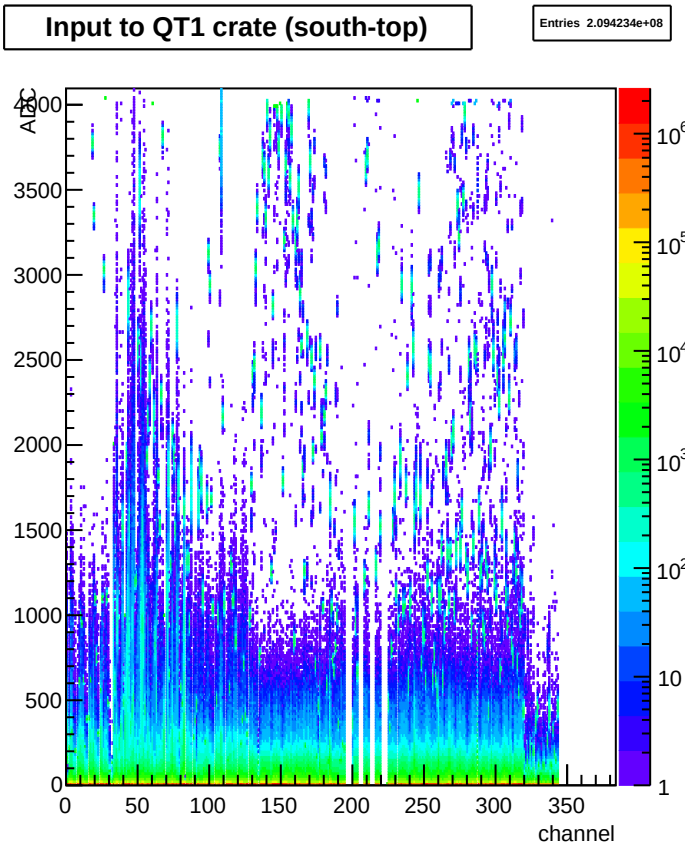

Entries 6837498
VPD-West ADC Sum
ZDC-West ADC Sum Att

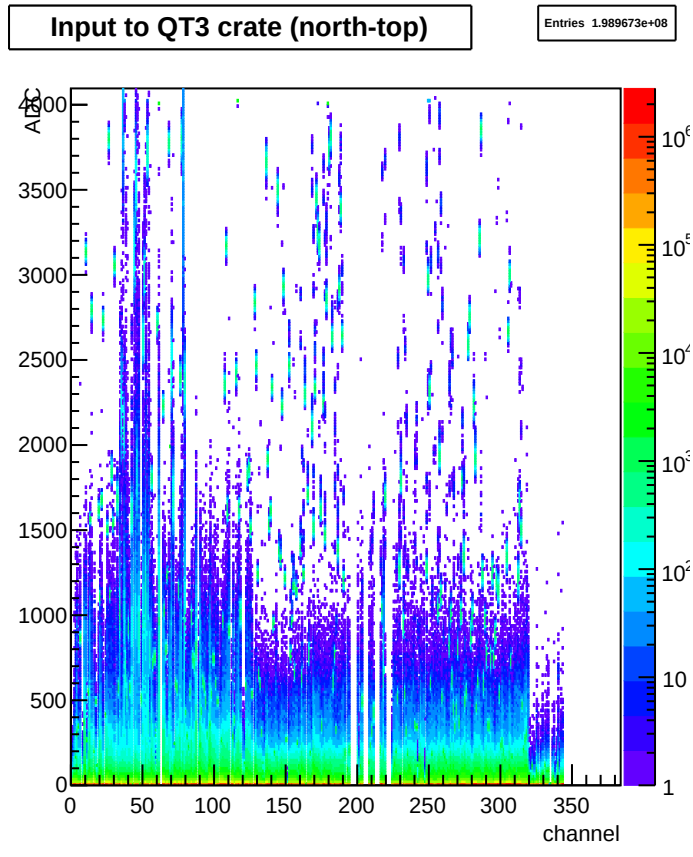

Entries 6837498
BBC-S-East ADC Sum
BBC-S-West ADC Sum

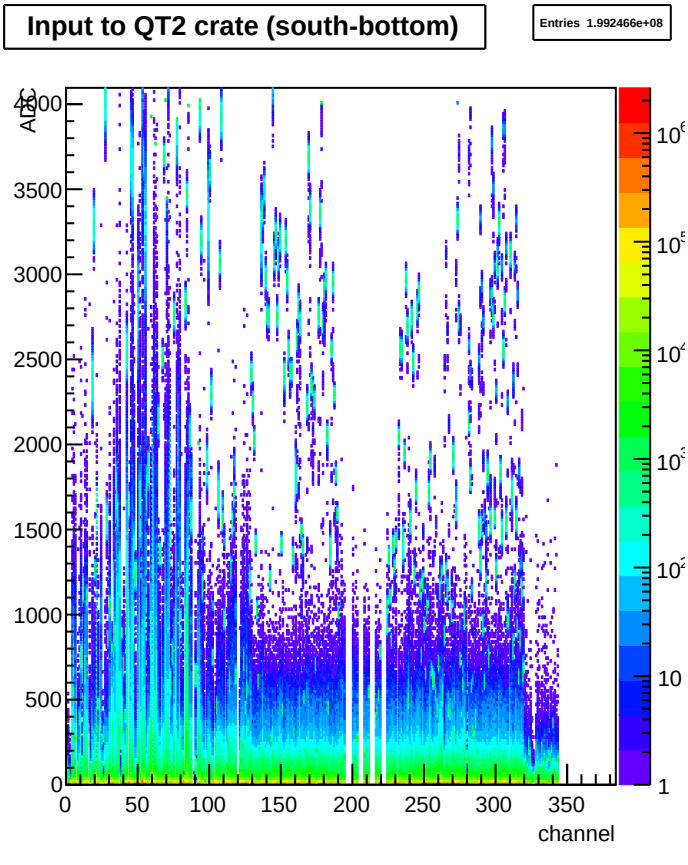

Entries 6837498
ZDC East ADC Sum Att
ZDC West ADC Sum Att

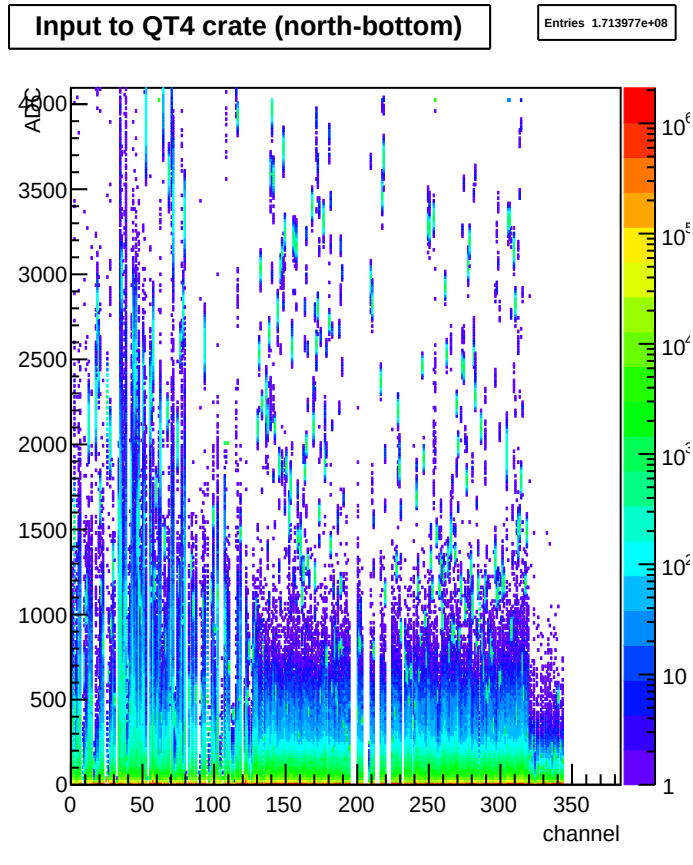

Entries 6837498
VPD East ADC Sum
VPD West ADC Sum

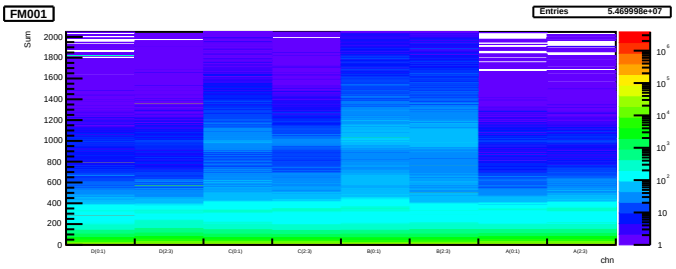

Entries 6837498
BBC-S TAC Diff
ZDC TAC Diff

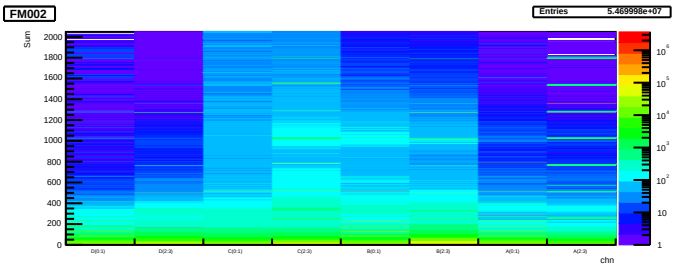

Input to QT1 crate (south-top)
Entries 2.094234e+08
ADC
channel

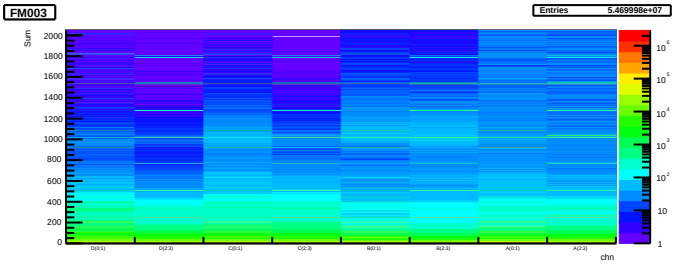

Input to QT3 crate (north-top)
Entries 1.989673e+08
ADC
channel

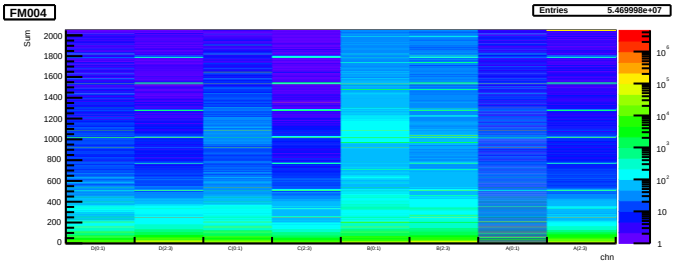

Input to QT2 crate (south-bottom)
Entries 1.992466e+08
ADC
channel

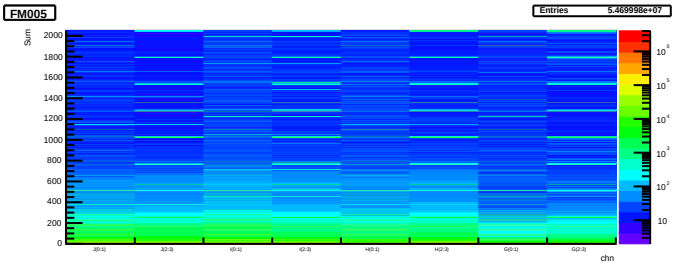

Input to QT4 crate (north-bottom)
Entries 1.713977e+08
ADC
channel

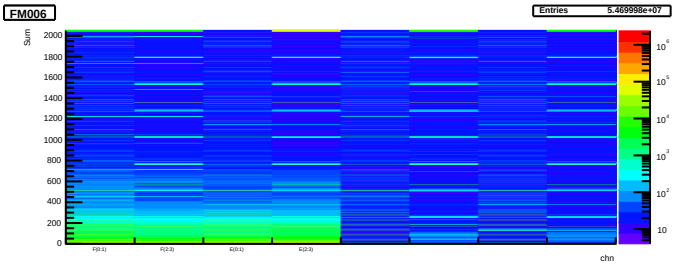

FM001
Entries 5.469998e+07
Sum
chn

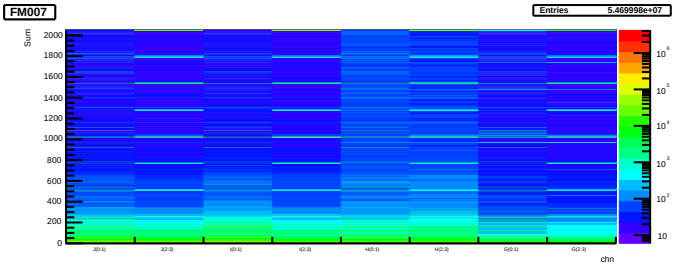

FM002
Entries 5.469998e+07
Sum
chn


FM003
Entries 5.469998e+07
Sum
chn


FM004
Entries 5.469998e+07
Sum
chn


FM005
Entries 5.469998e+07
Sum
chn


FM006
Entries 5.469998e+07
Sum
chn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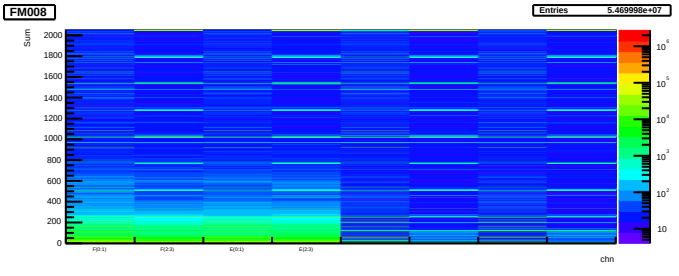
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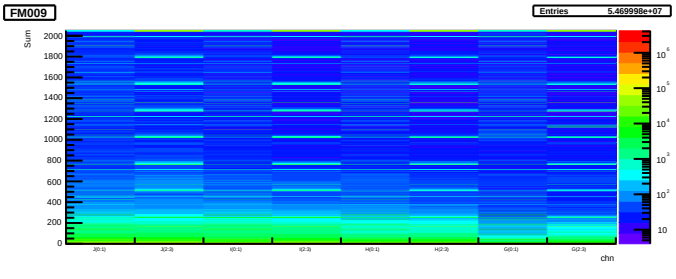
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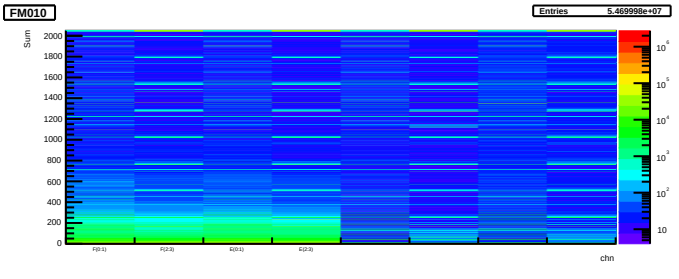
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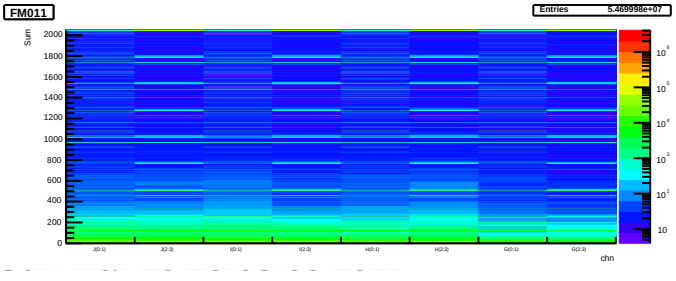
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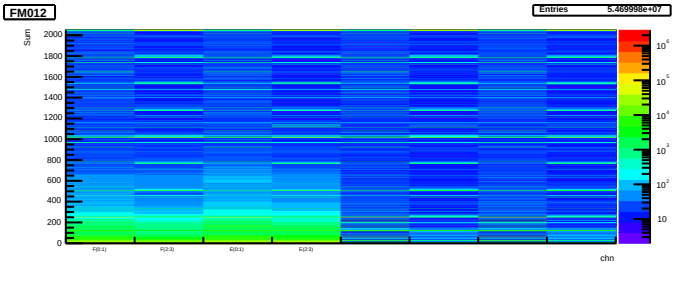
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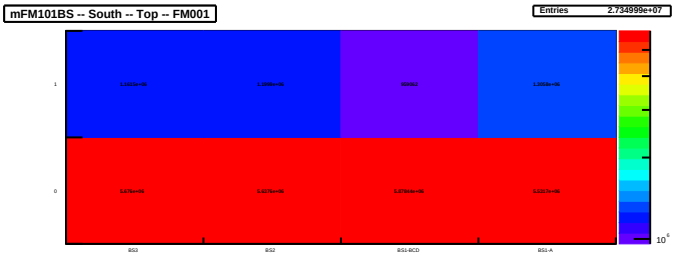
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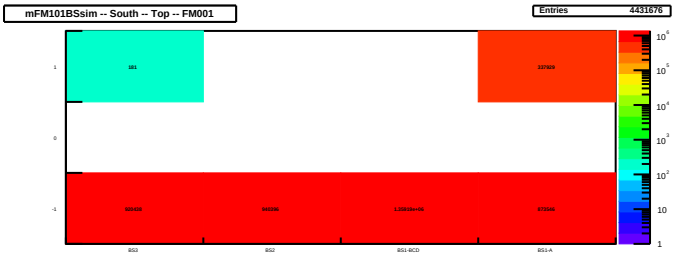
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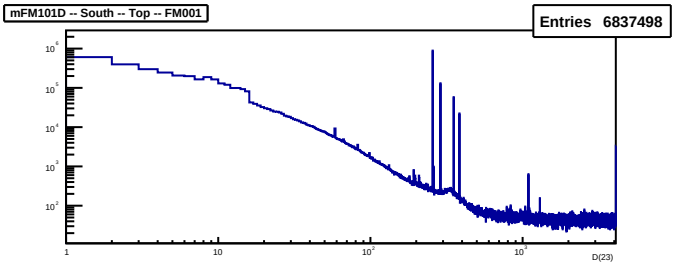
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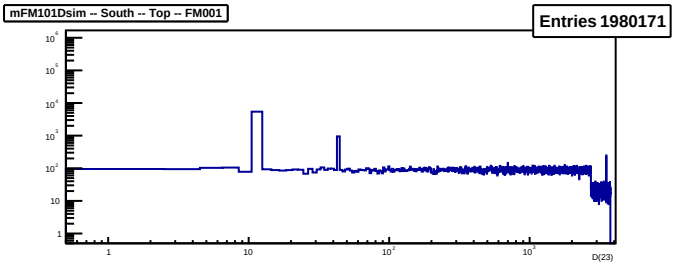
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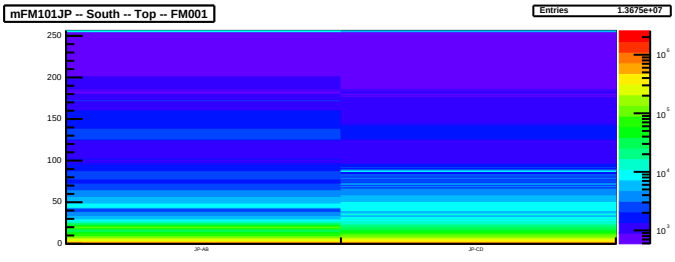
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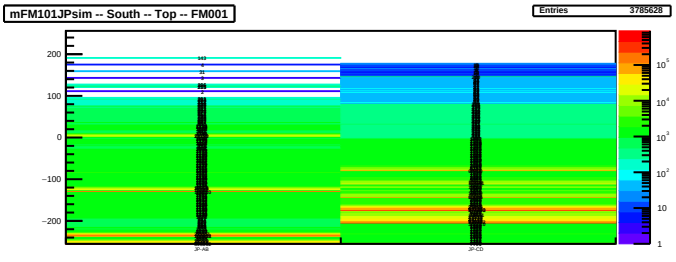
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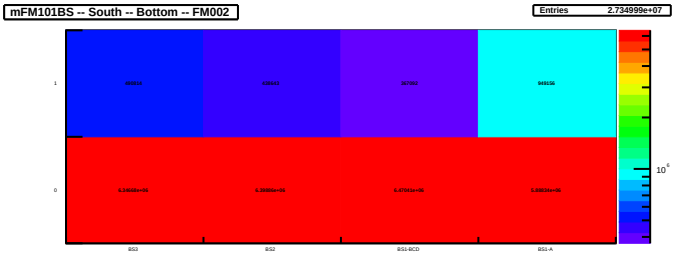
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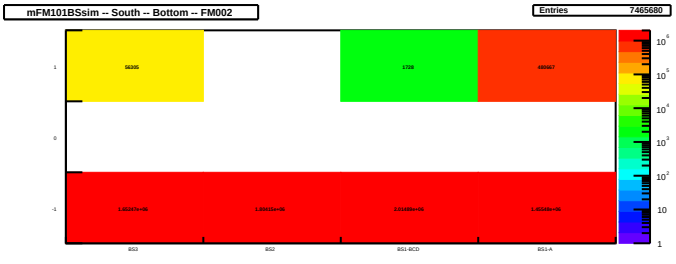
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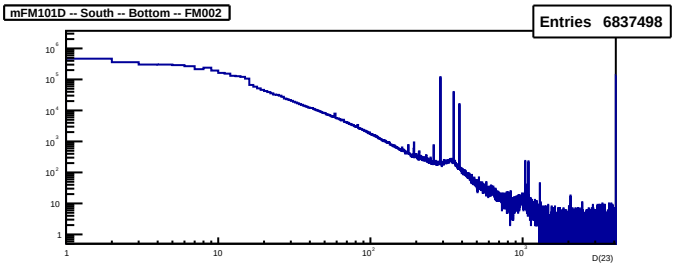
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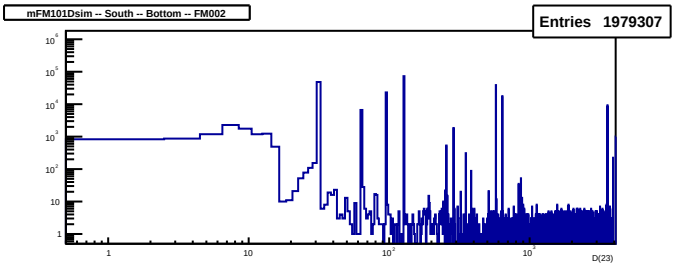
Entries 6837498
D(23)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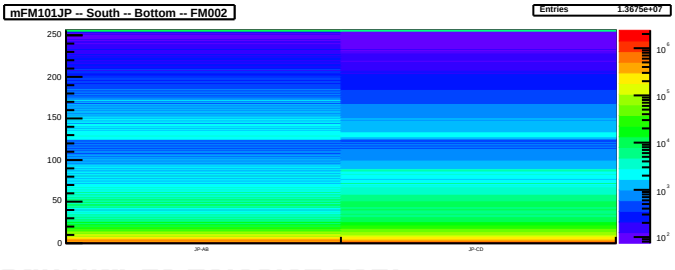
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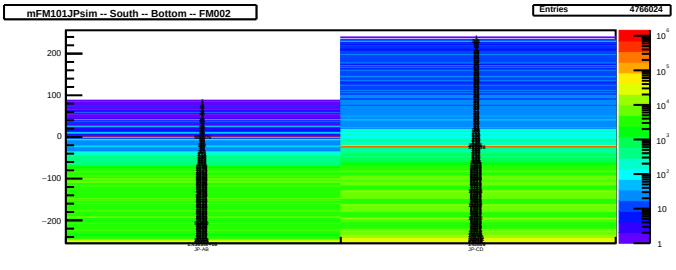
Entries 1.3675e+07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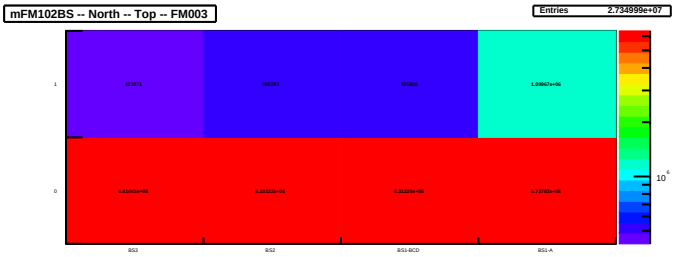
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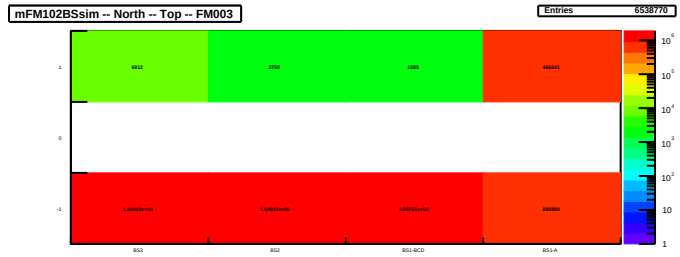
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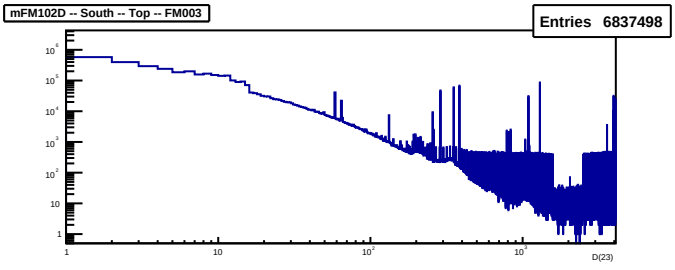
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Entries 6837498
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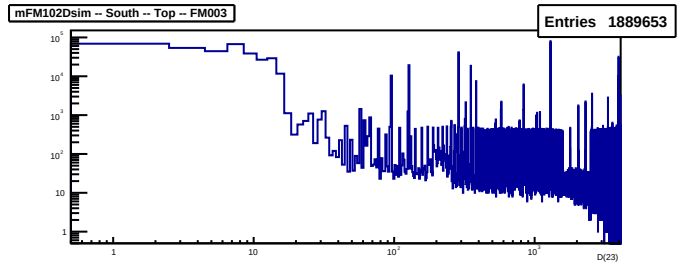
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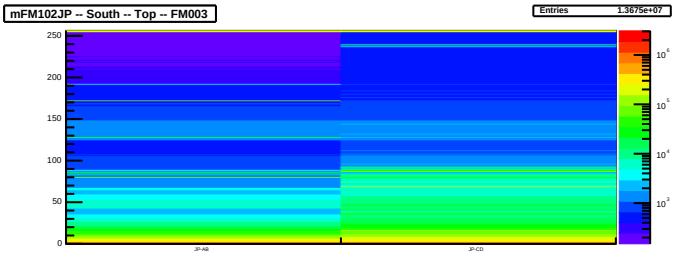
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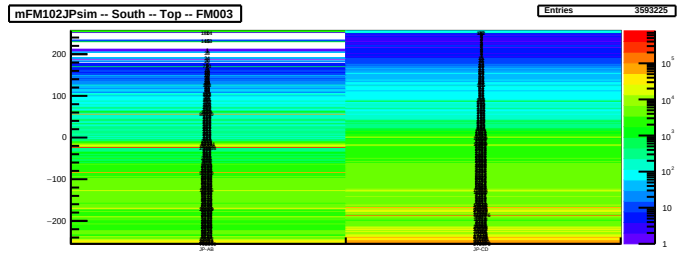
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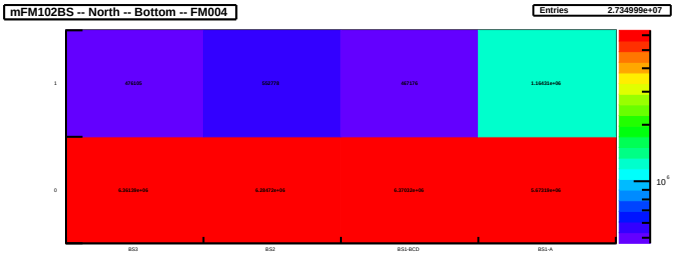
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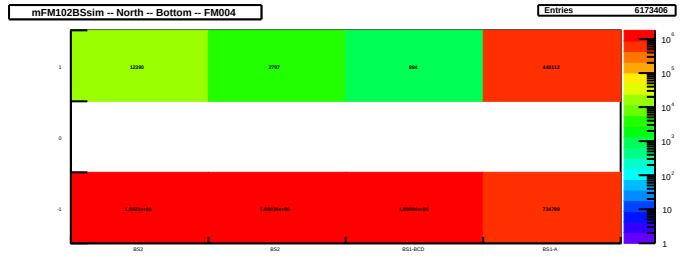
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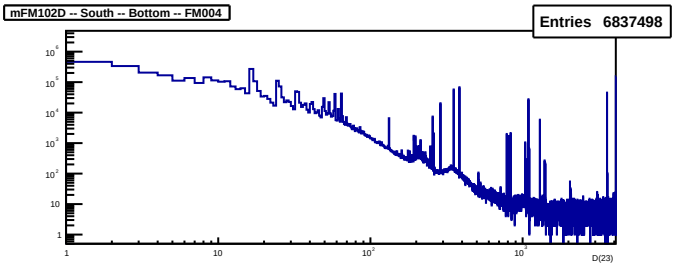
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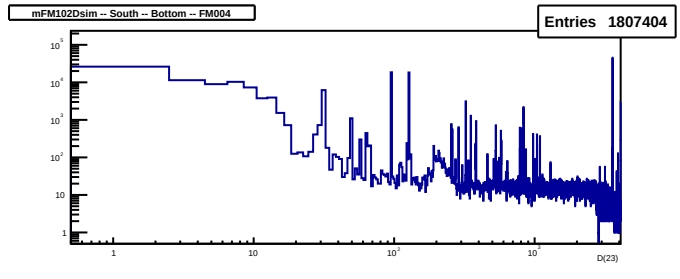
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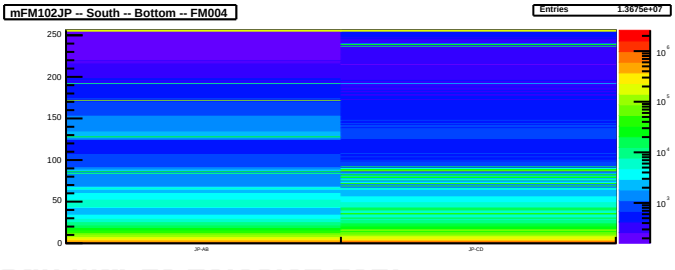
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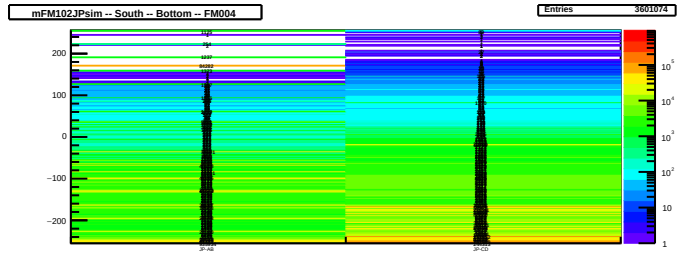
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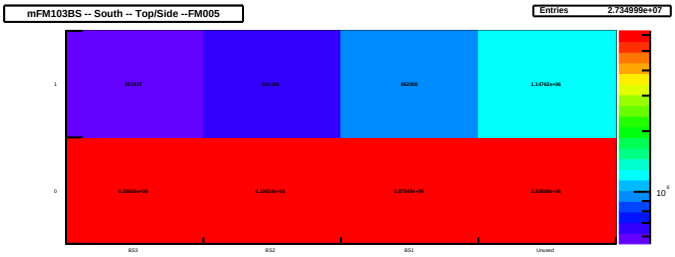
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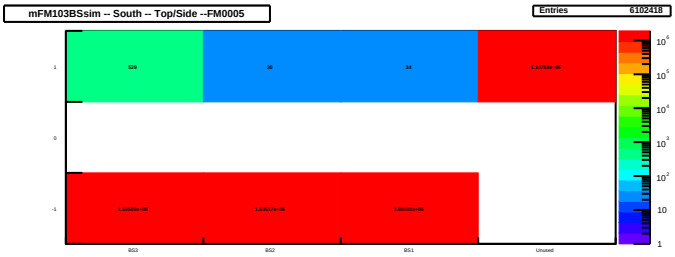
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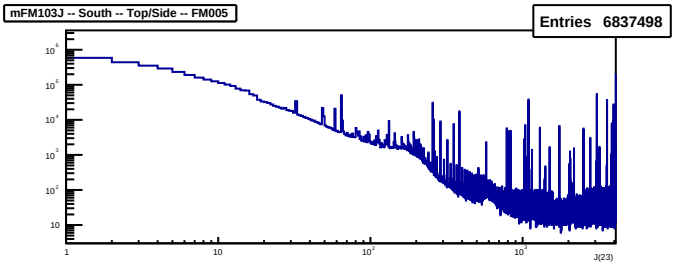
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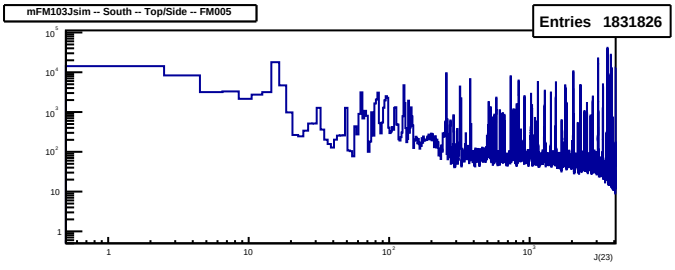
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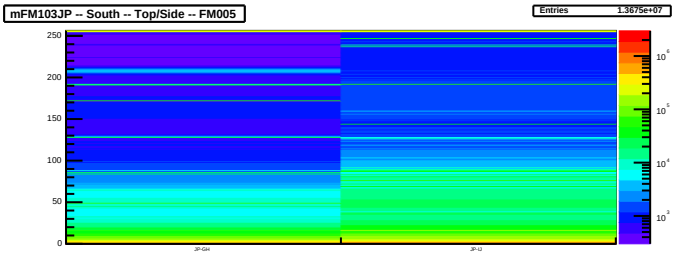
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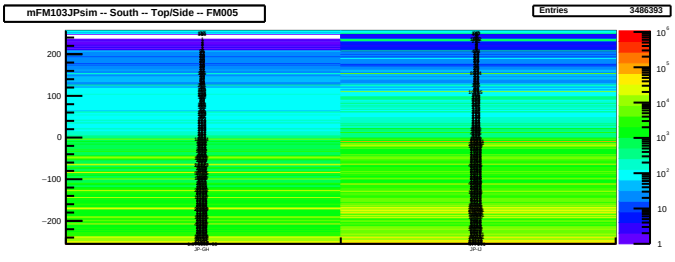
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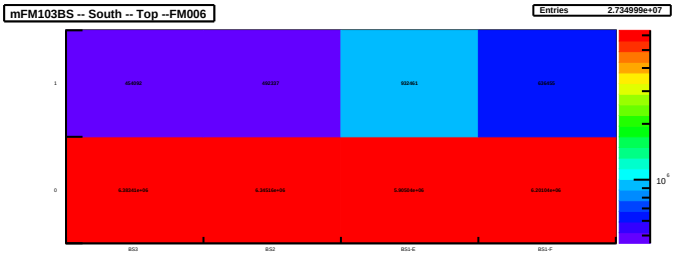
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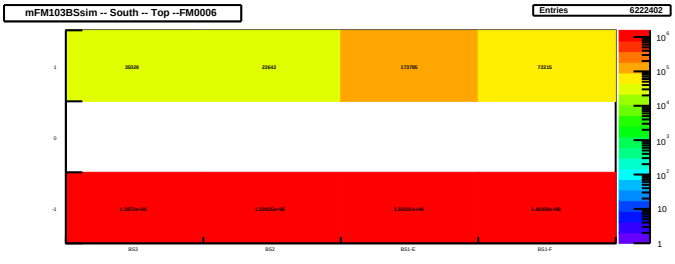
Entries 2.734999e+07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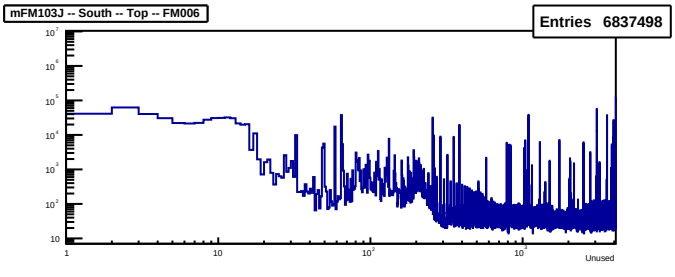
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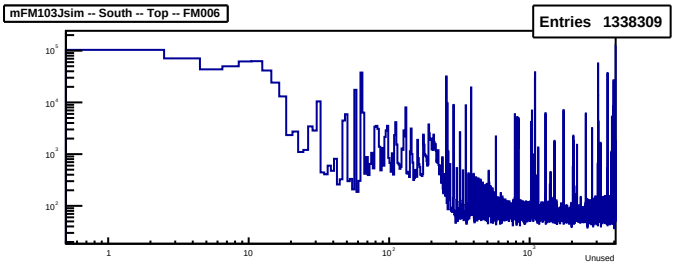
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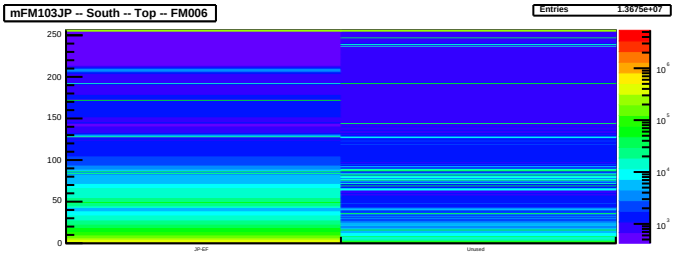
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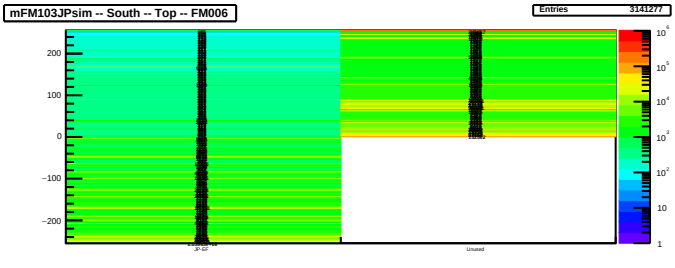
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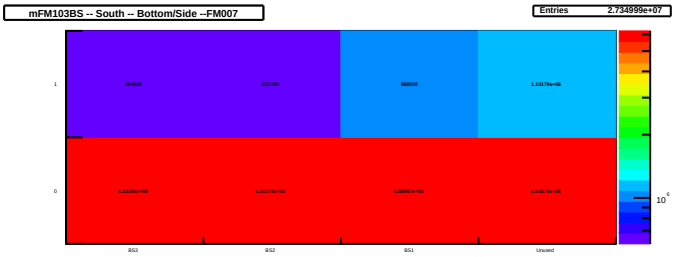
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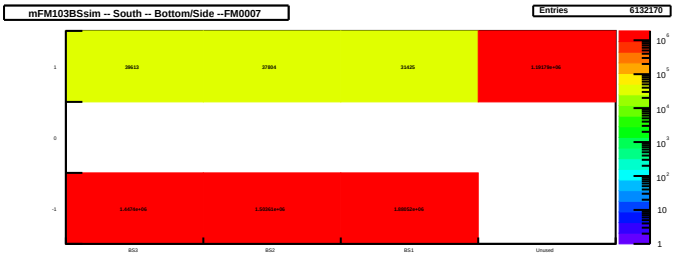
Entries 2.734999e+07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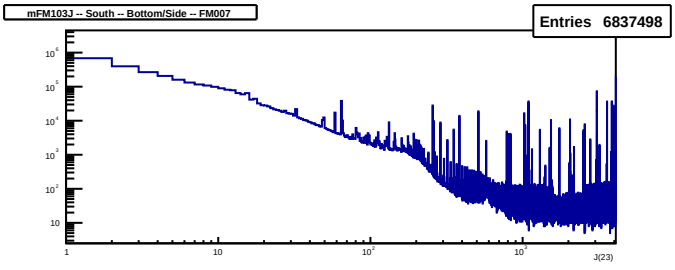
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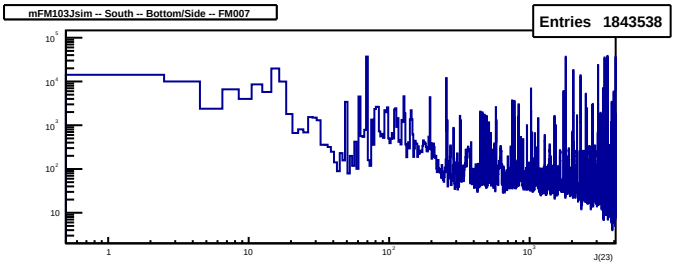
Entries 6837498
J(23)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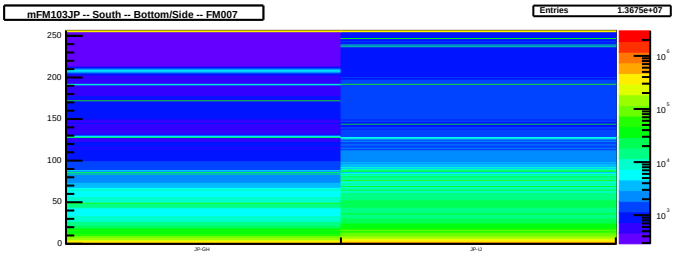
J(23)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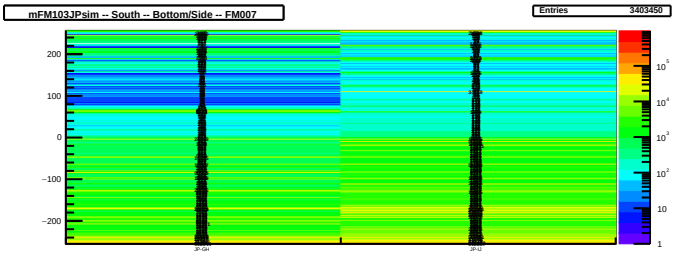
Entries 1.3675e+07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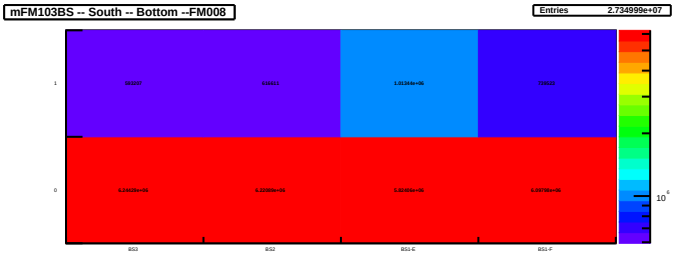
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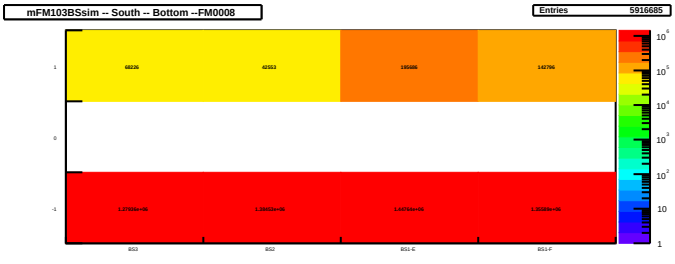
Entries 2.734999e+07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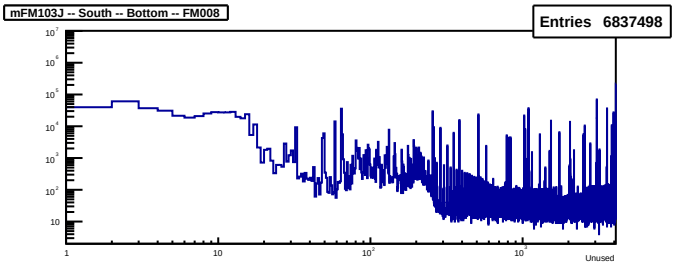
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Entries 6837498
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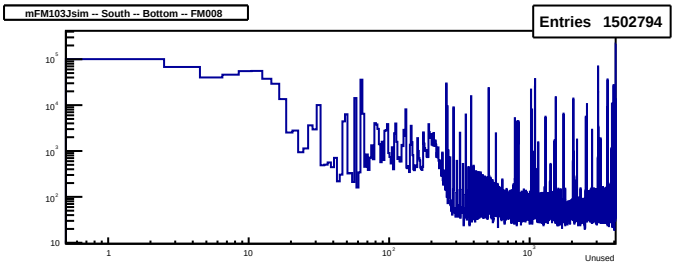
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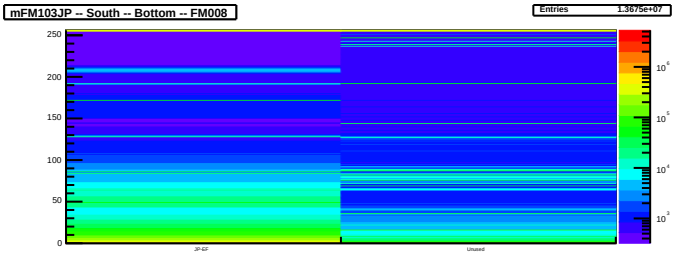
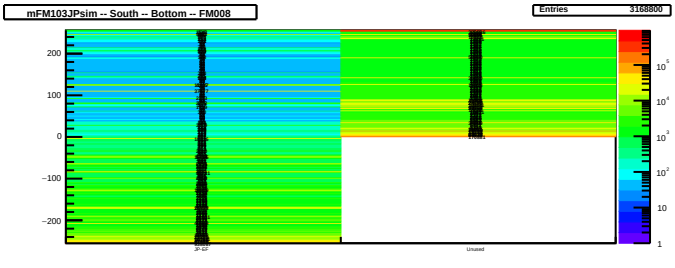
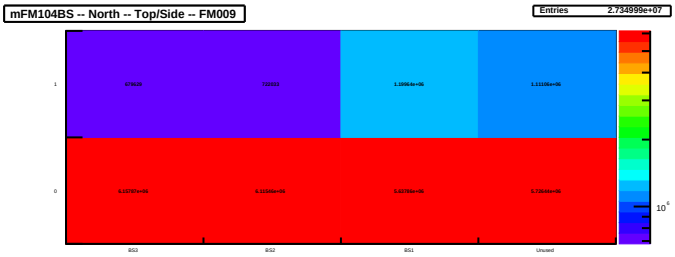
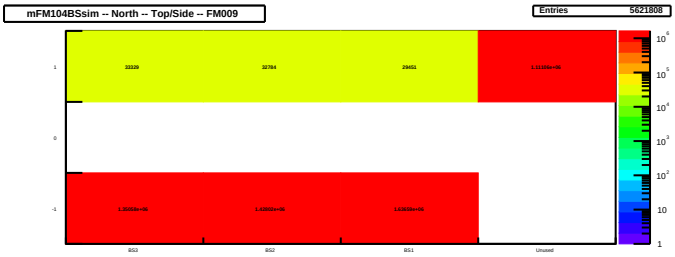
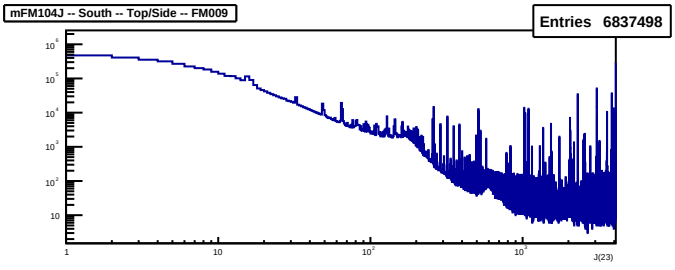
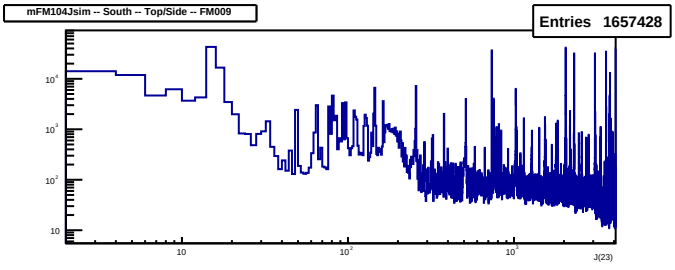

mFM103JP -- South -- Bottom -- FM008
Entries 1.3675e+07


mFM103JPsim -- South -- Bottom -- FM008
Entries 3168800


mFM104BS -- North -- Top/Side -- FM009
Entries 2.734999e+07


mFM104BSsim -- North -- Top/Side -- FM009
Entries 5621808


mFM104J -- South -- Top/Side -- FM009
Entries 6837498
J(23)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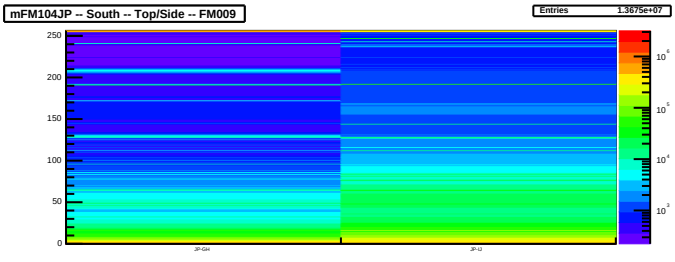
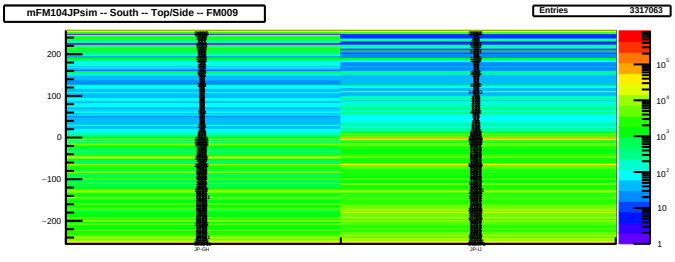
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 1.3675e+07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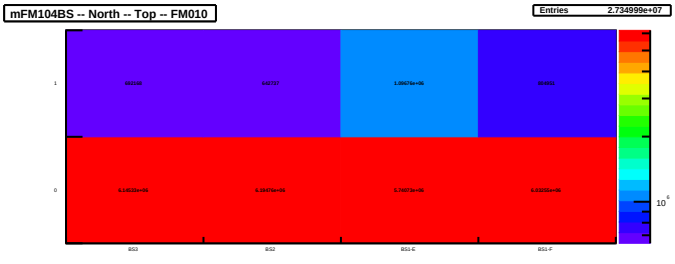
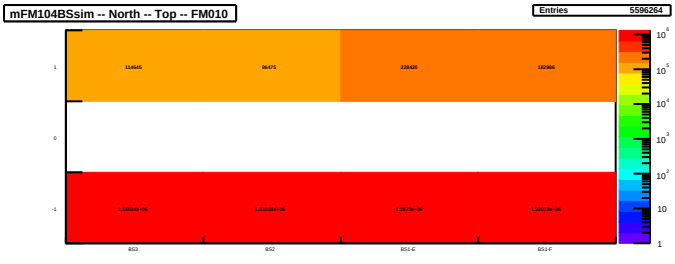
Entries 3317063


mFM104BS -- North -- Top -- FM010
Entries 2.734999e+07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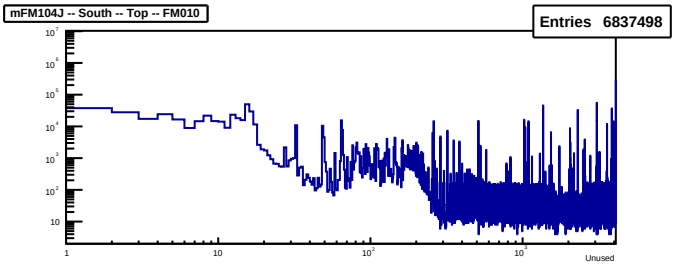
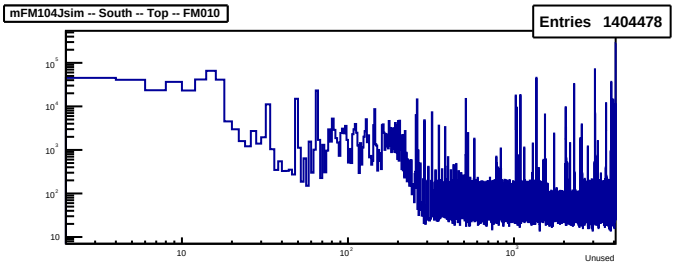
Entries 5596264


mFM104J -- South -- Top -- FM010
Entries 6837498
Unused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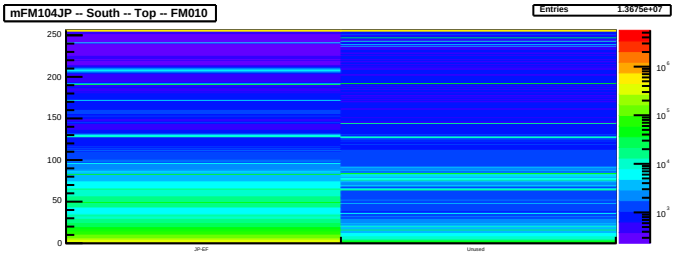
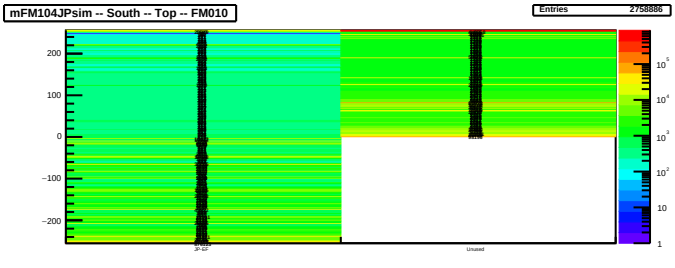
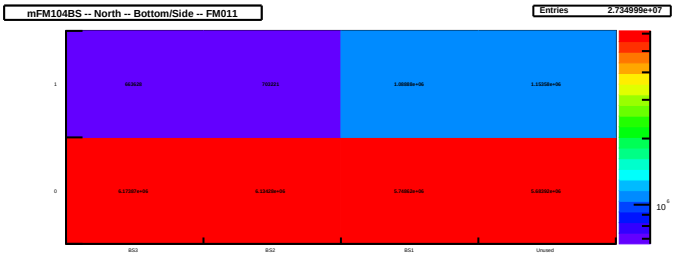
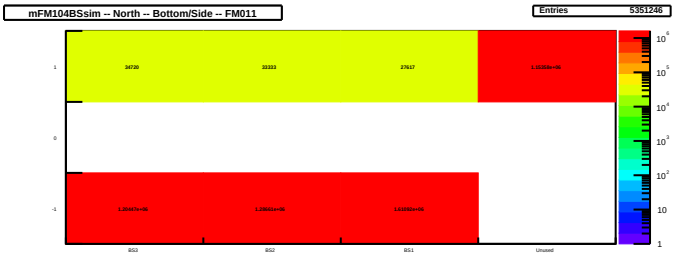
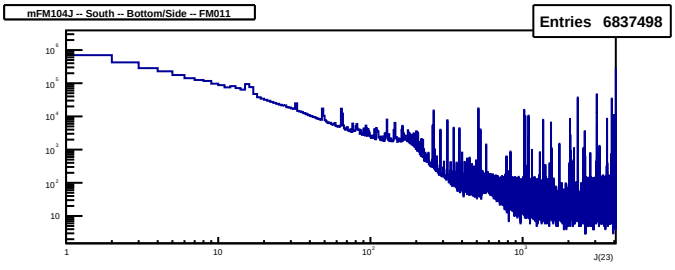
Entries 1404478
Unused

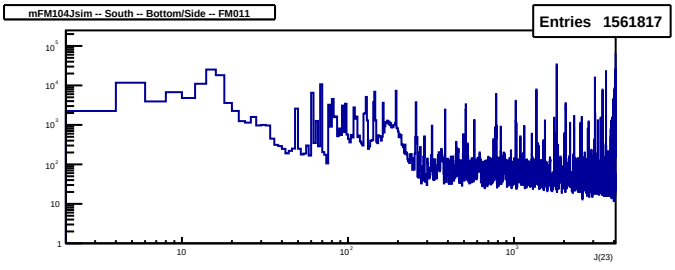

mFM104JP -- South -- Top -- FM010
Entries 1.3675e+07

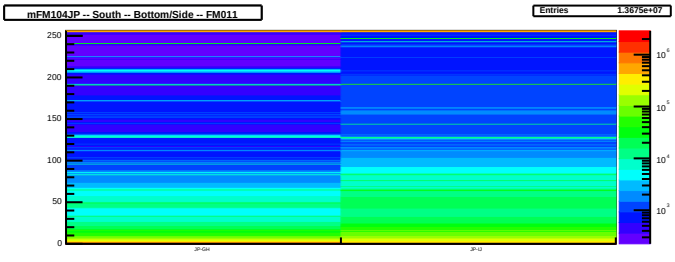

mFM104JPsim -- South -- Top -- FM010
Entries 2758886

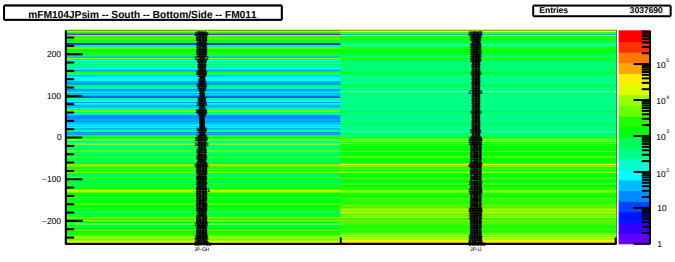

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2.734999e+07

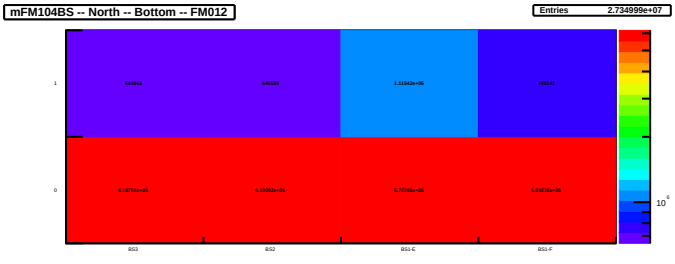

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 5351246

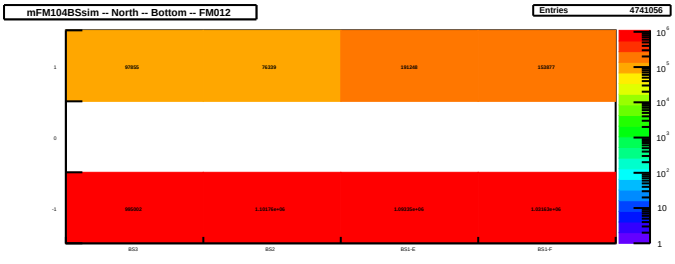

mFM104J -- South -- Bottom/Side -- FM011
Entries 6837498
J(23)

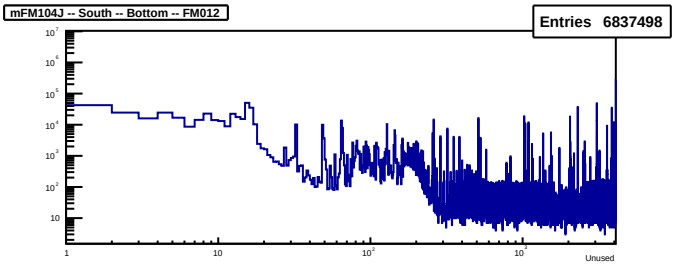

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1561817
J(23)

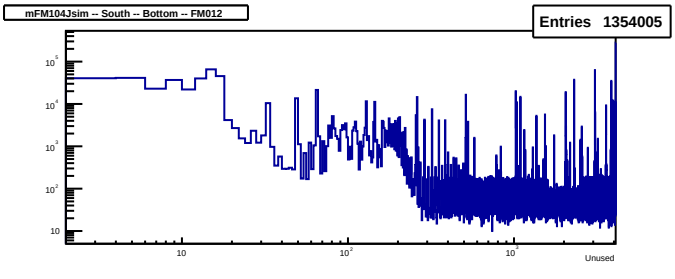

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.3675e+07

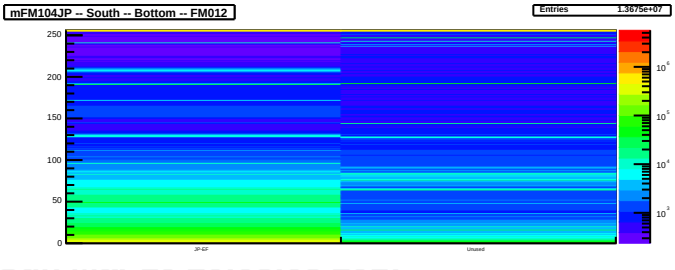

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 3037690

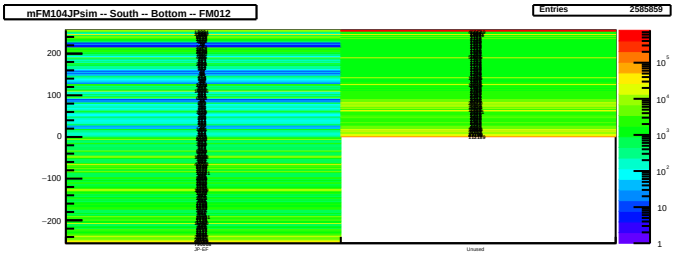

mFM104BS -- North -- Bottom -- FM012
Entries 2.734999e+07

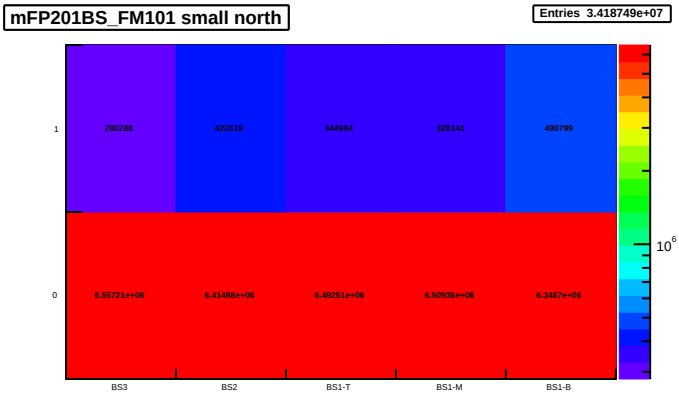

mFM104BSsim -- North -- Bottom -- FM012
Entries 4741056

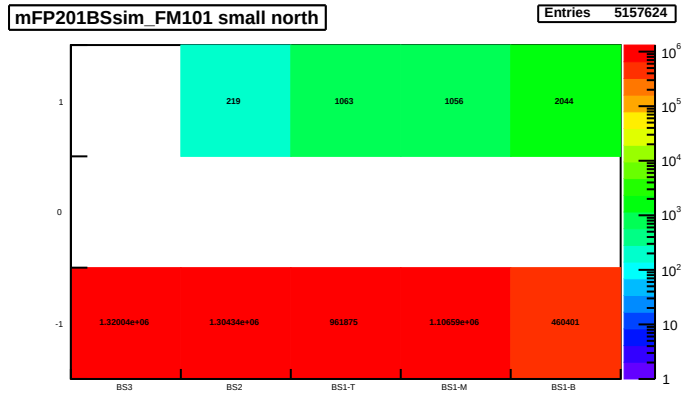

mFM104J -- South -- Bottom -- FM012
Entries 6837498
Unused

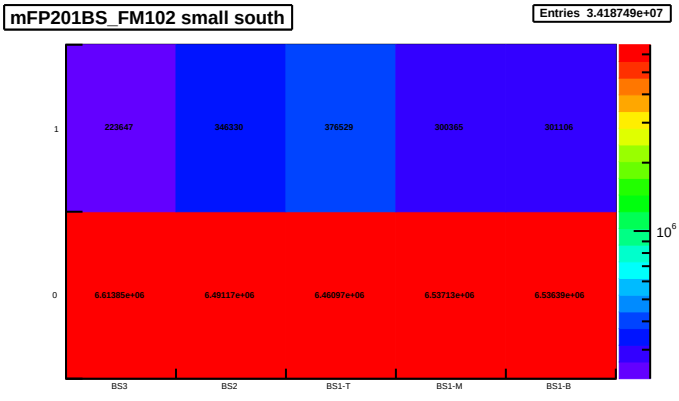

mFM104Jsim -- South -- Bottom -- FM012
Entries 1354005
Unused


mFM104JP -- South -- Bottom -- FM012
Entries 1.3675e+07


mFM104JPsim -- South -- Bottom -- FM012
Entries 2585859


mFP201BS_FM101 small north
Entries 3.418749e+07
1
0
280288
422519
344984
328141
490799
6.55721e+06
6.41498e+06
6.49251e+06
6.50936e+06
6.3467e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6


mFP201BSsim_FM101 small north
Entries 5157624
1
0
-1
219
1063
1056
2044
1.32004e+06
1.30434e+06
961875
1.10659e+06
460401
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 3.418749e+07
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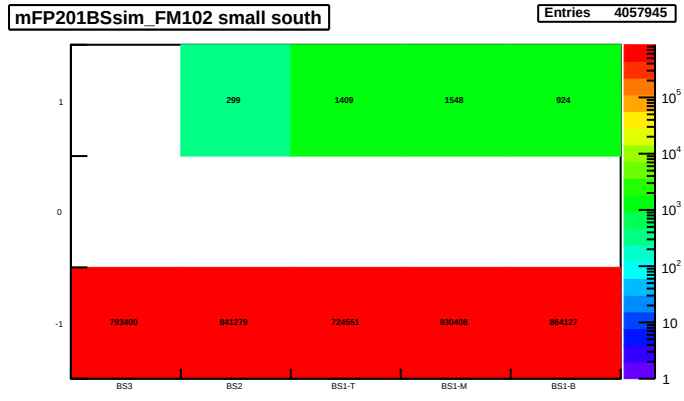
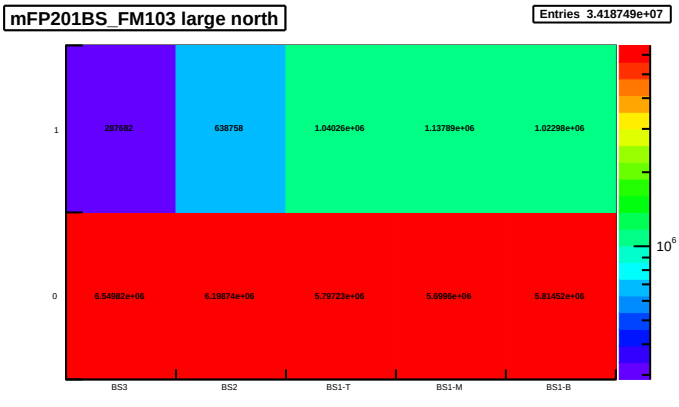
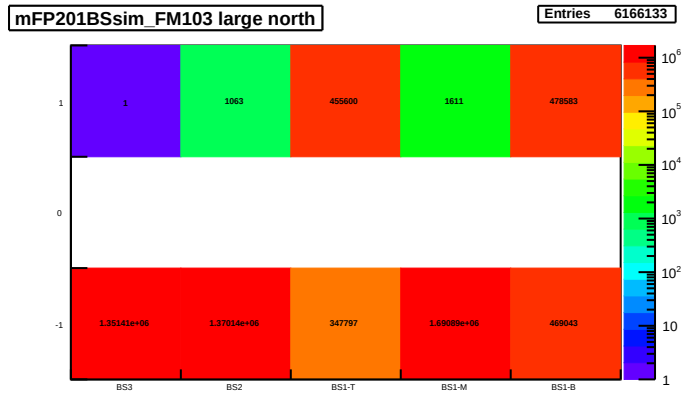
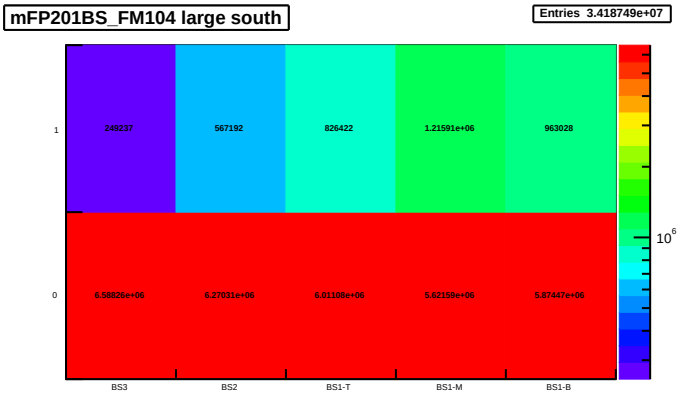
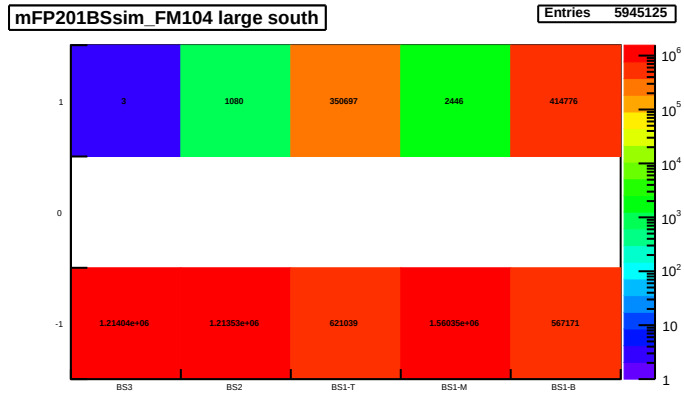
0
223647
346330
376529
300365
301106
6.61385e+06
6.49117e+06
6.46097e+06
6.53713e+06
6.53639e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

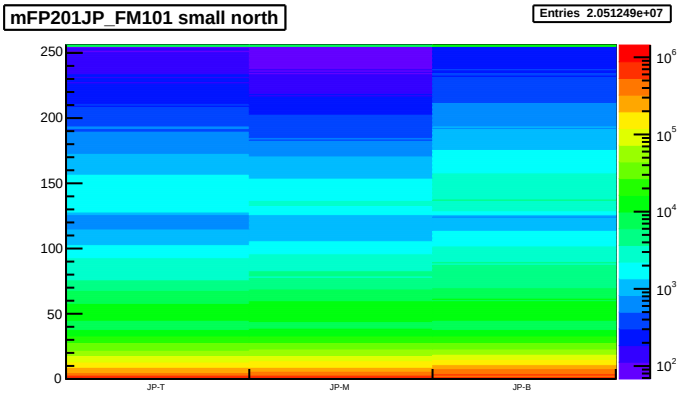

mFP201BSsim_FM102 small south
Entries 4057945
1
0
-1
299
1409
1548
924
793400
841279
724551
830408
864127
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

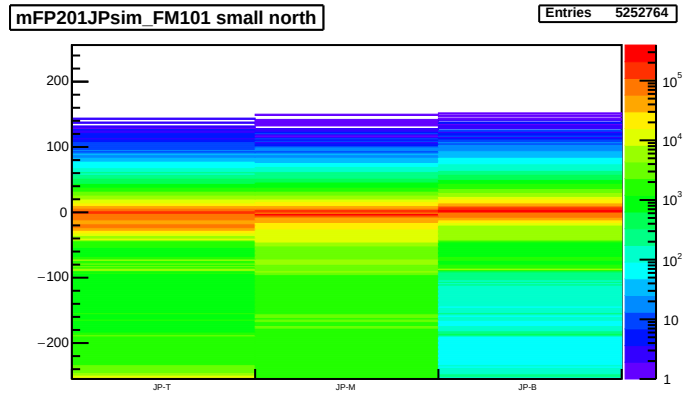

mFP201BS_FM103 large north
Entries 3.418749e+07
1
0
287682
638758
1.04026e+06
1.13789e+06
1.02298e+06
6.54982e+06
6.19874e+06
5.79723e+06
5.6996e+06
5.81452e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

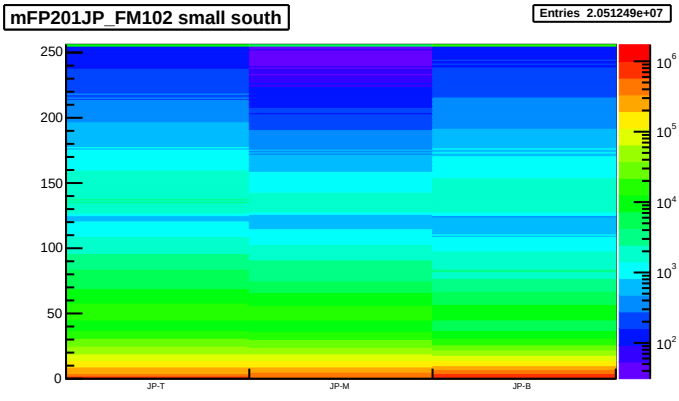

mFP201BSsim_FM103 large north
Entries 6166133
1
0
-1
1
1063
455600
1611
478583
1.35141e+06
1.37014e+06
347797
1.69089e+06
469043
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

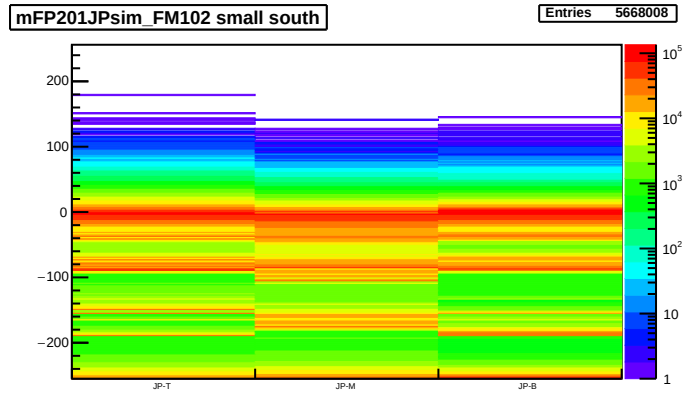

mFP201BS_FM104 large south
Entries 3.418749e+07
1
0
249237
567192
826422
1.21591e+06
963028
6.58826e+06
6.27031e+06
6.01108e+06
5.62159e+06
5.87447e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

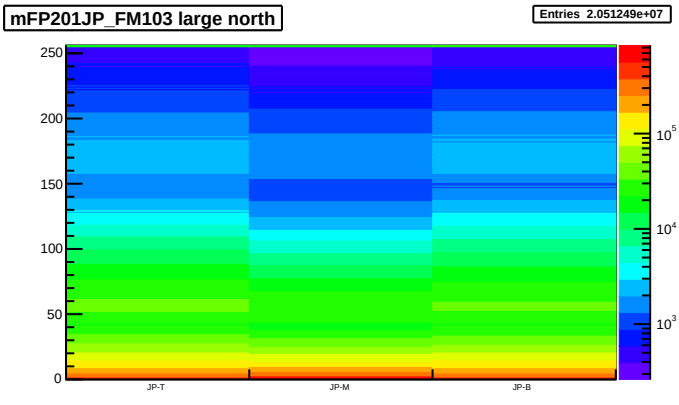

mFP201BSsim_FM104 large south
Entries 5945125
1
0
-1
3
1080
350697
2446
414776
1.21404e+06
1.21353e+06
621039
1.56035e+06
567171
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

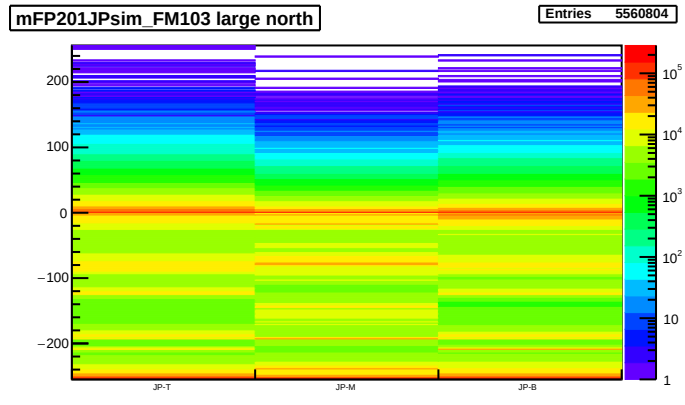

mFP201JP_FM101 small north
Entries 2.051249e+07
JP-T
JP-M
JP-B

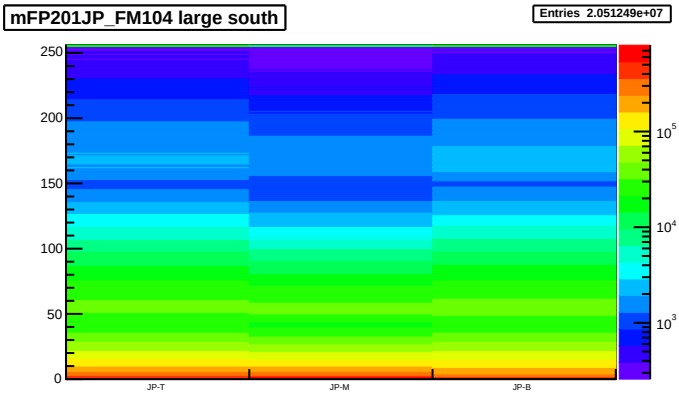

mFP201JPsim_FM101 small north
Entries 5252764
JP-T
JP-M
JP-B

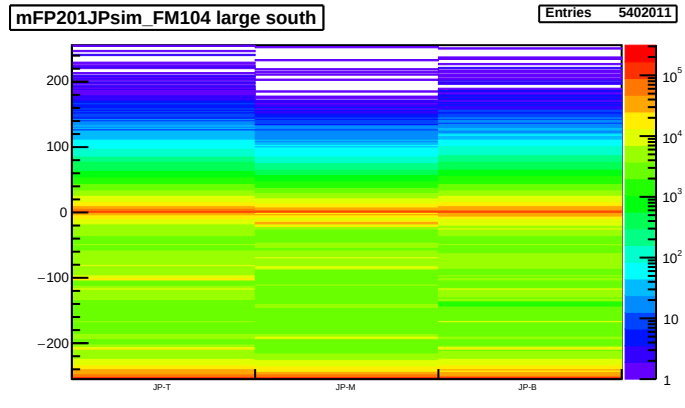

mFP201JP_FM102 small south
Entries 2.051249e+07
JP-T
JP-M
JP-B

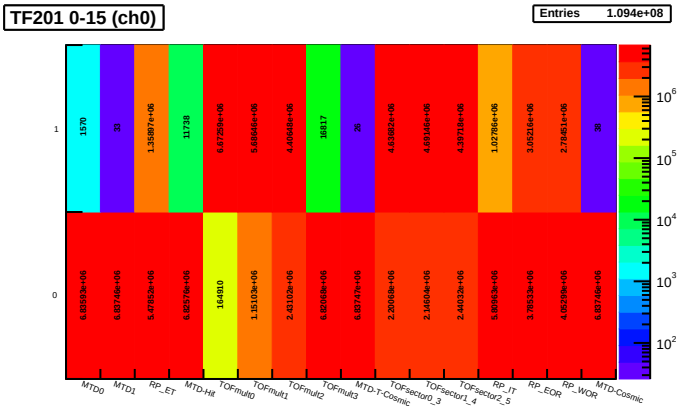

mFP201JPsim_FM102 small south
Entries 5668008
JP-T
JP-M
JP-B

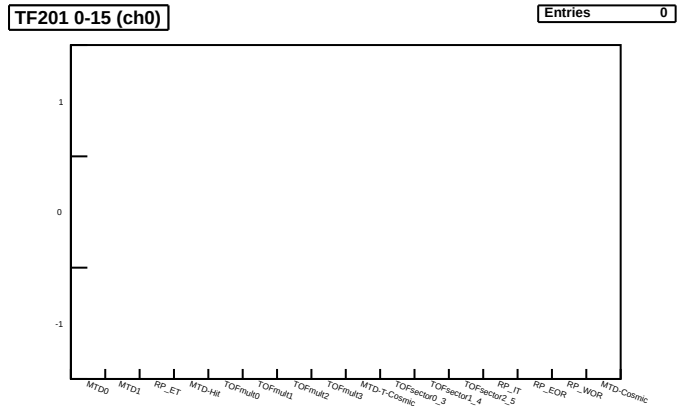

mFP201JP_FM103 large north
Entries 2.051249e+07
JP-T
JP-M
JP-B

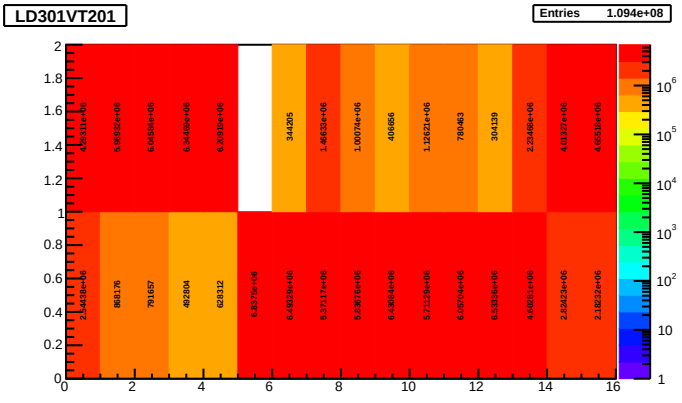

mFP201JPsim_FM103 large north
Entries 5560804
JP-T
JP-M
JP-B

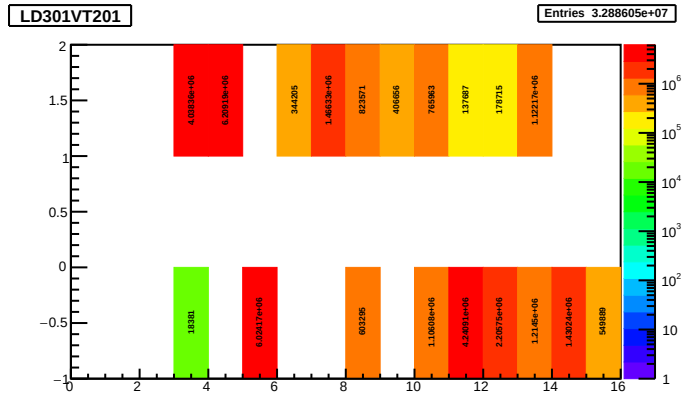

mFP201JP_FM104 large south
Entries 2.051249e+07
JP-T
JP-M
JP-B

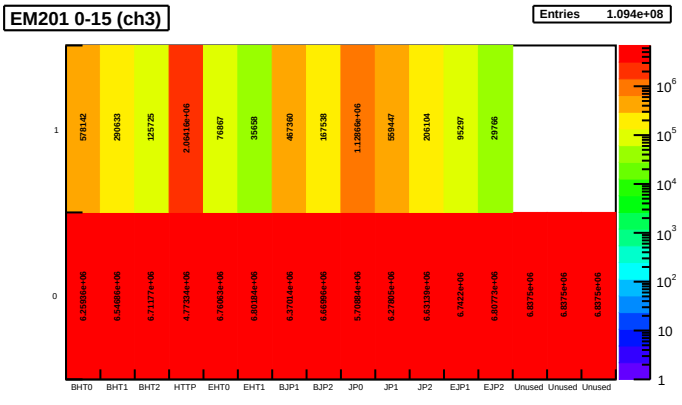

mFP201JPsim_FM104 large south
Entries 5402011
JP-T
JP-M
JP-B


TF201 0-15 (ch0)
Entries 1.094e+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 1.094e+08


LD301VT201
Entries 3.288605e+07


EM201 0-15 (ch3)
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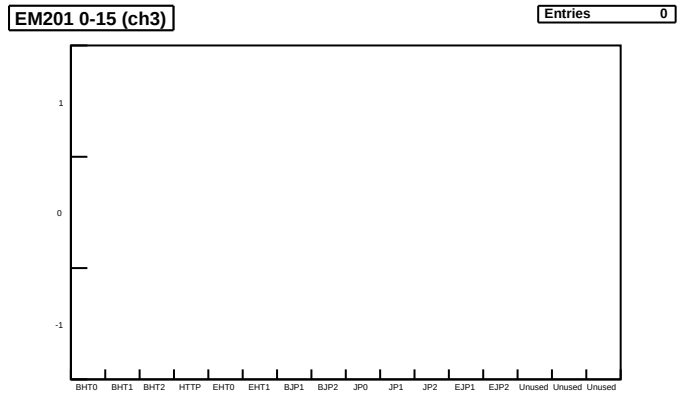
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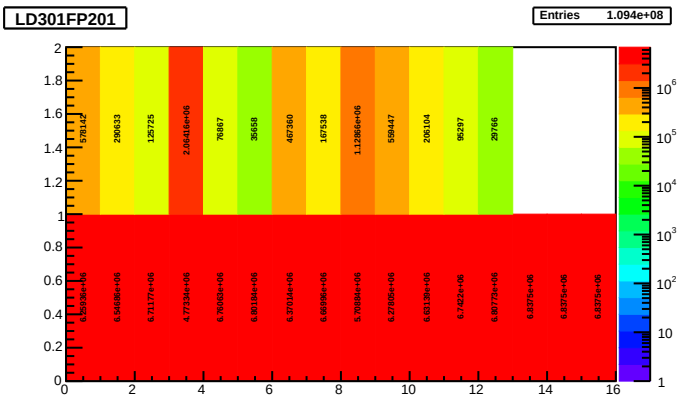
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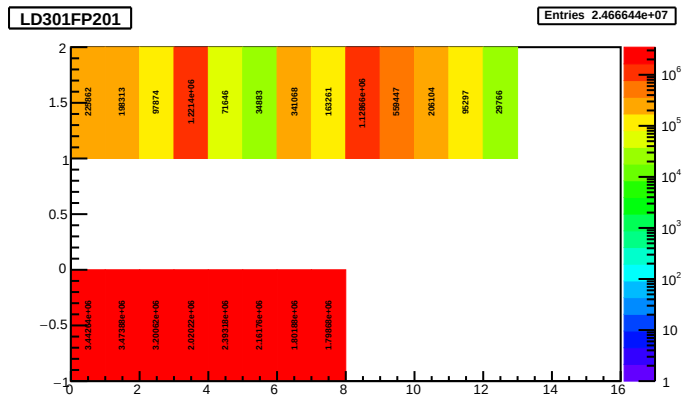
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