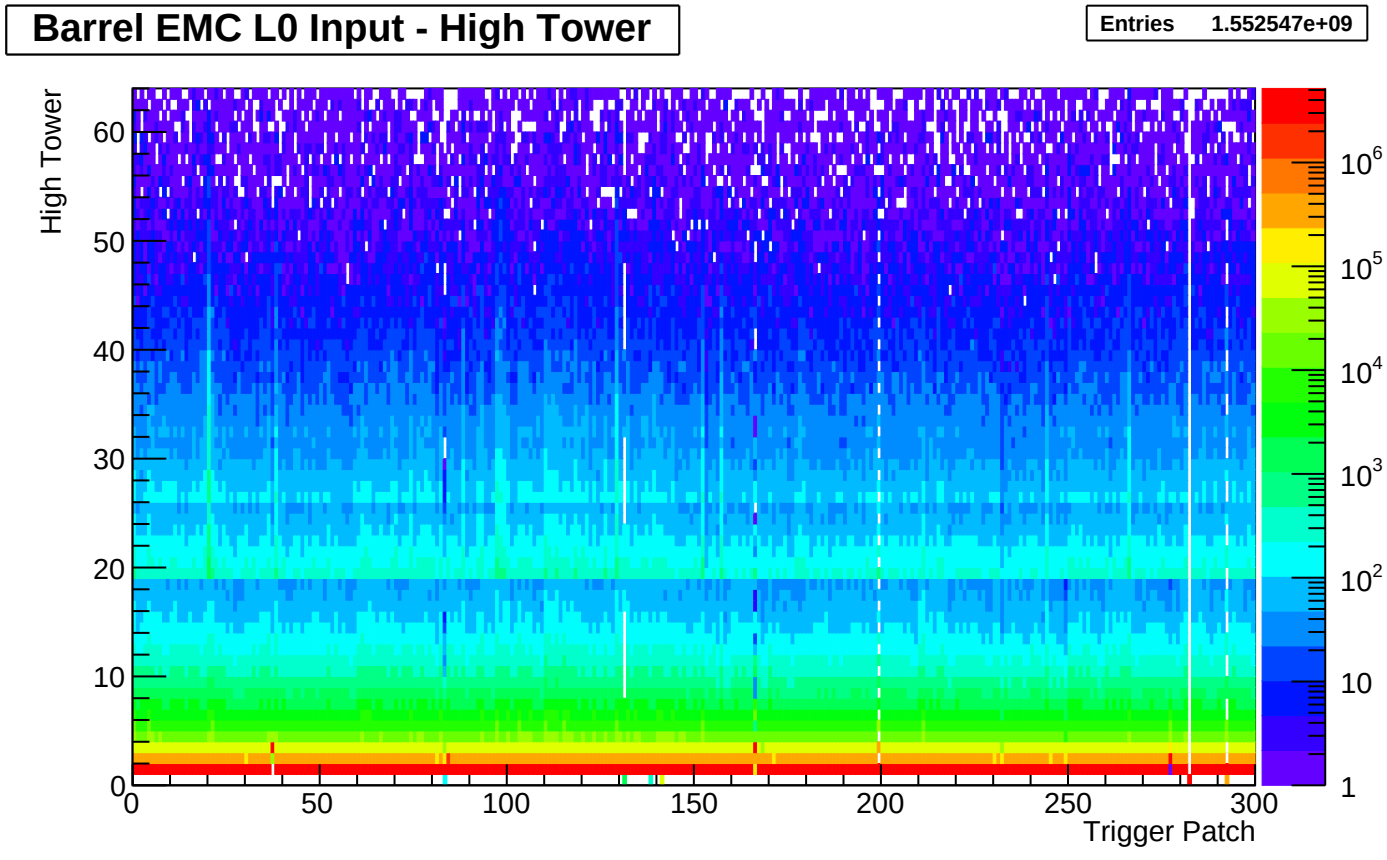
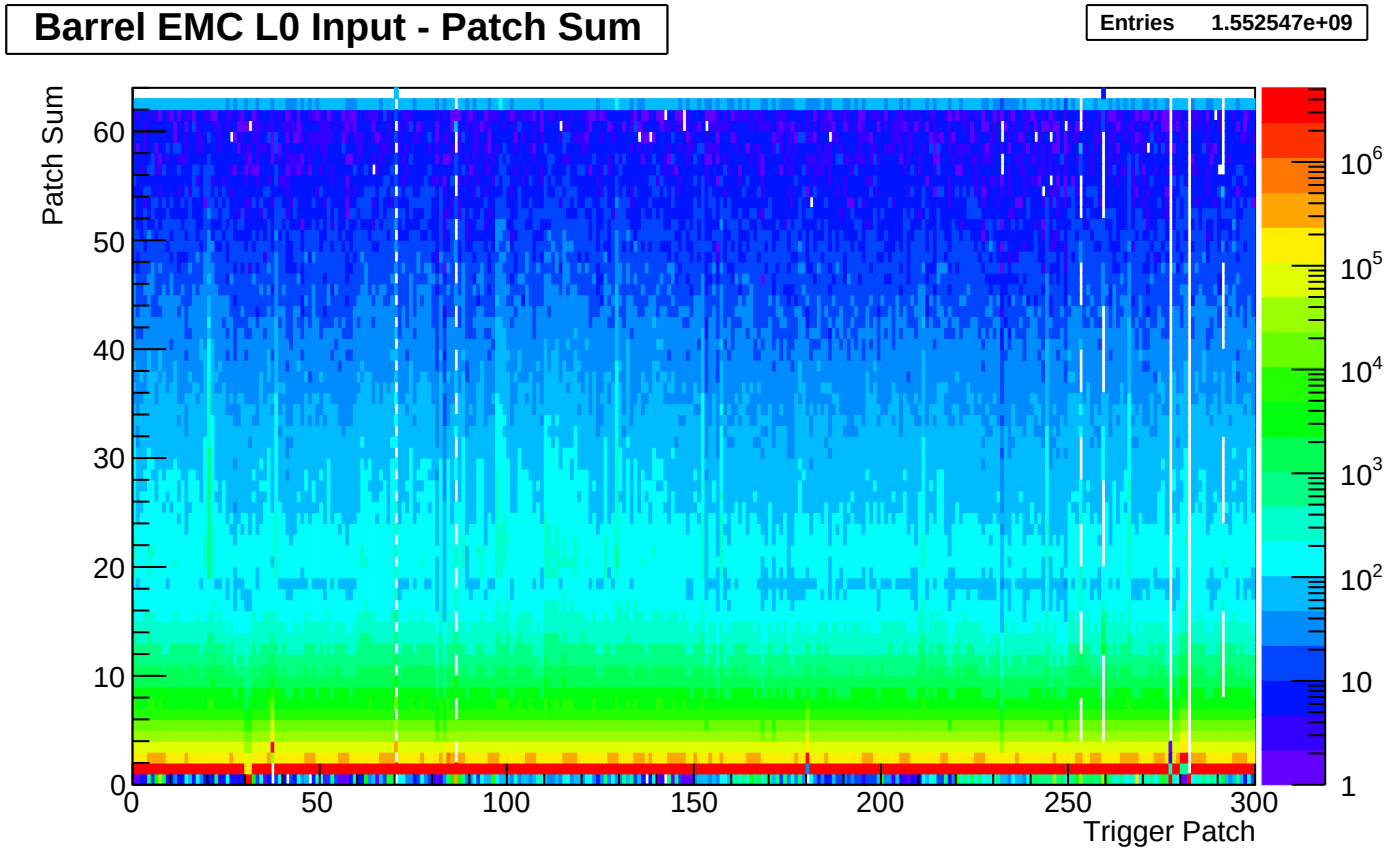
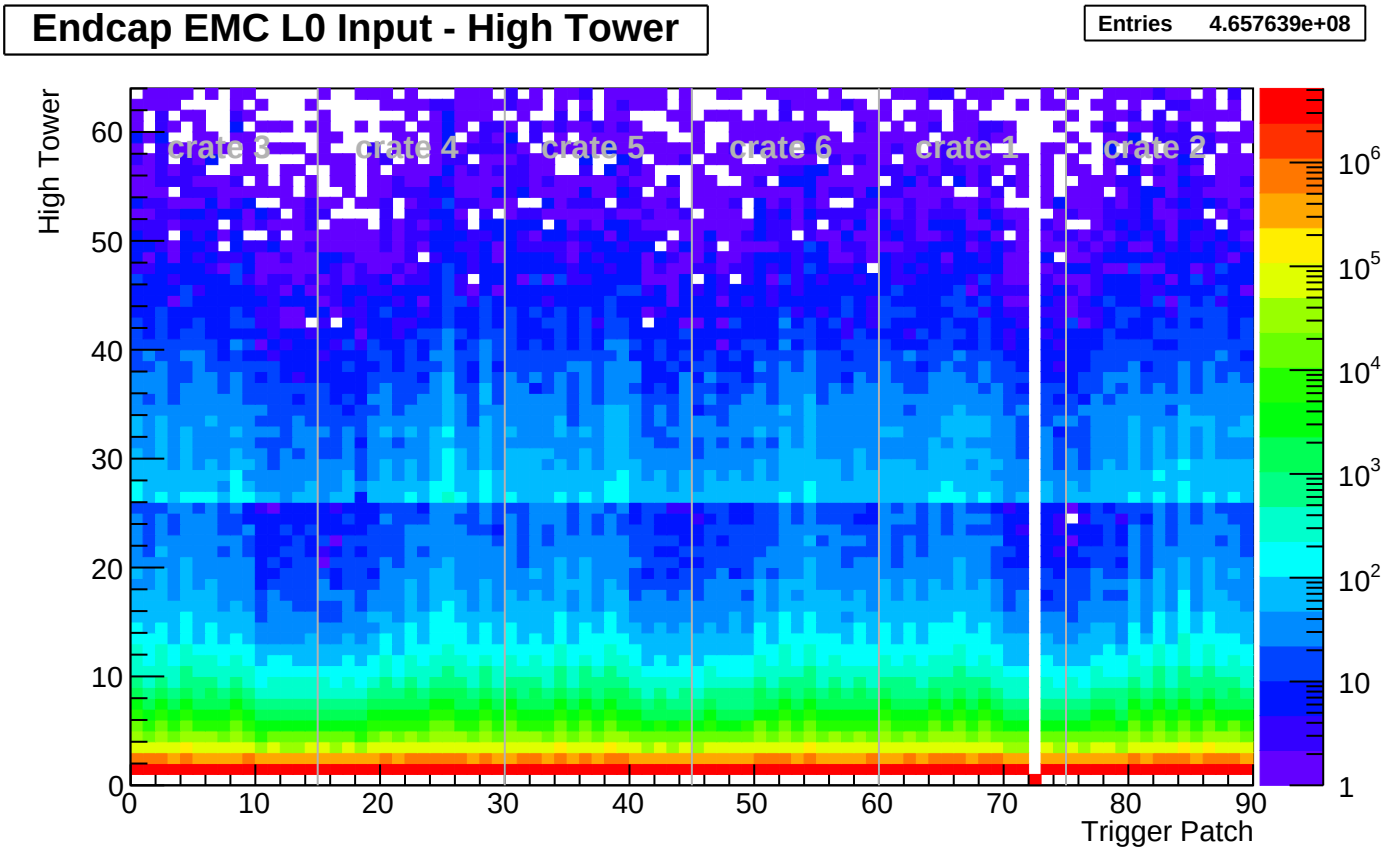
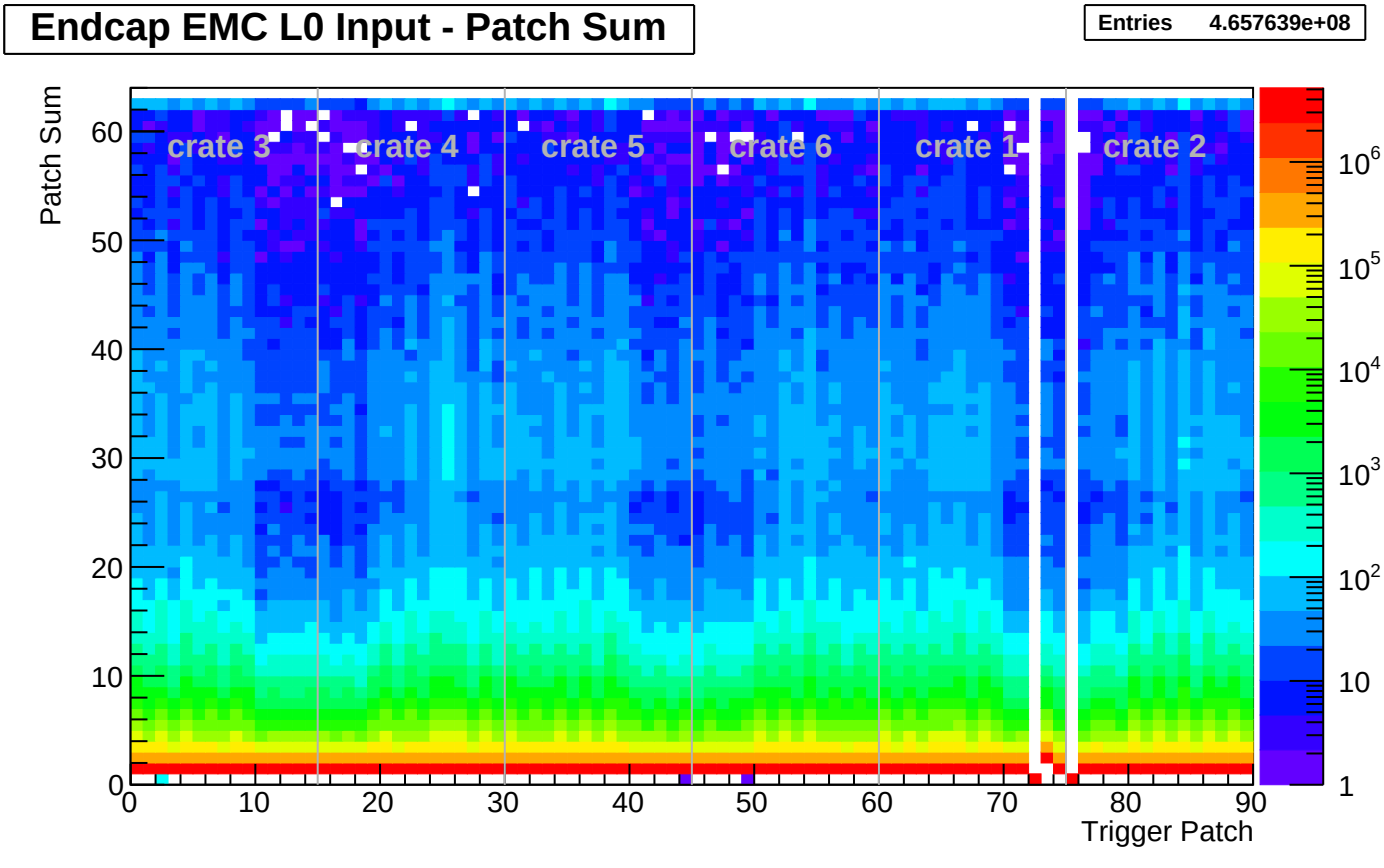
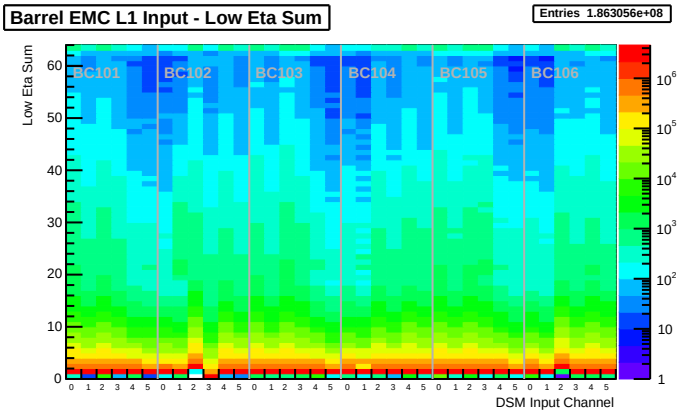
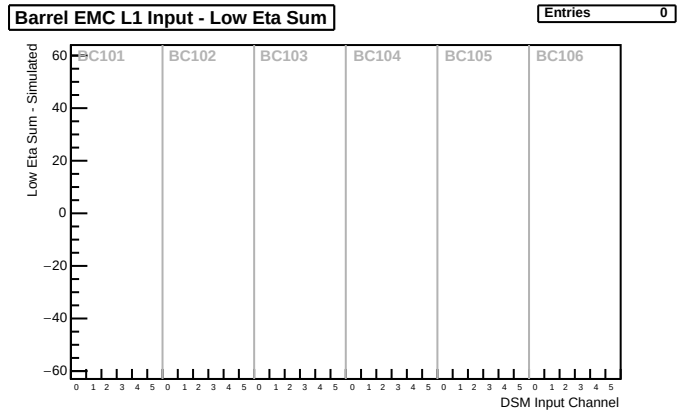

Barrel EMC L0 Input - High Tower
Entries 1.552547e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
$10^2$
$10^3$
$10^4$
$10^5$
$10^6$

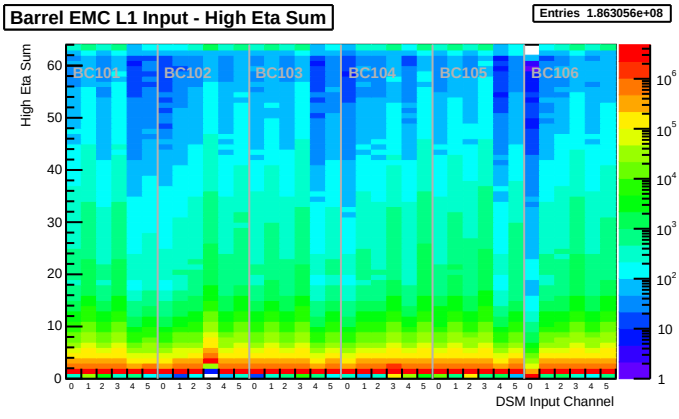

Barrel EMC L0 Input - Patch Sum
Entries 1.552547e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
$10^2$
$10^3$
$10^4$
$10^5$
$10^6$

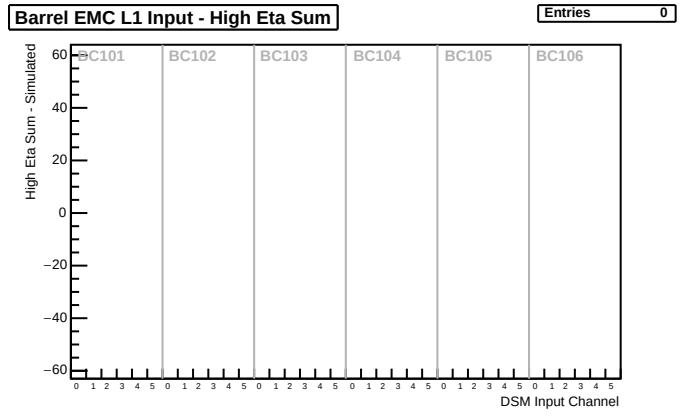

Endcap EMC L0 Input - High Tower
Entries 4.657639e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

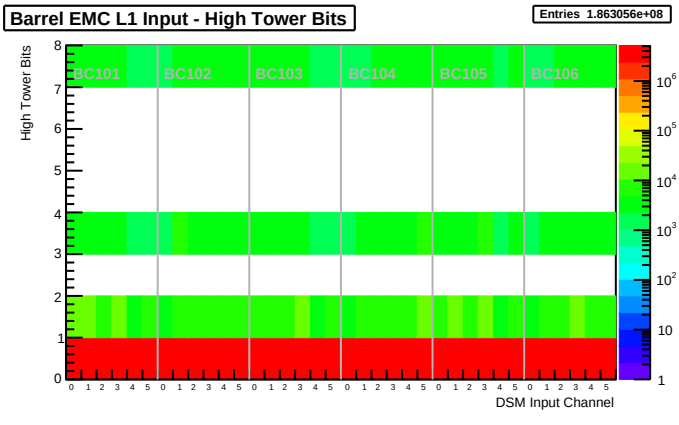

Endcap EMC L0 Input - Patch Sum
Entries 4.657639e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

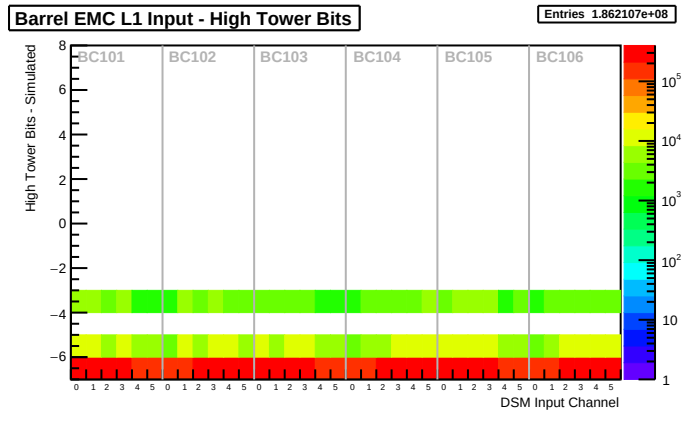

Barrel EMC L1 Input - Low Eta Sum
Entries 1.863056e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

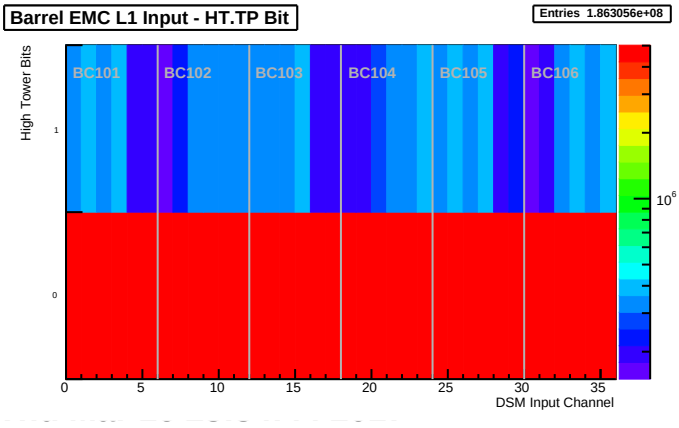

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

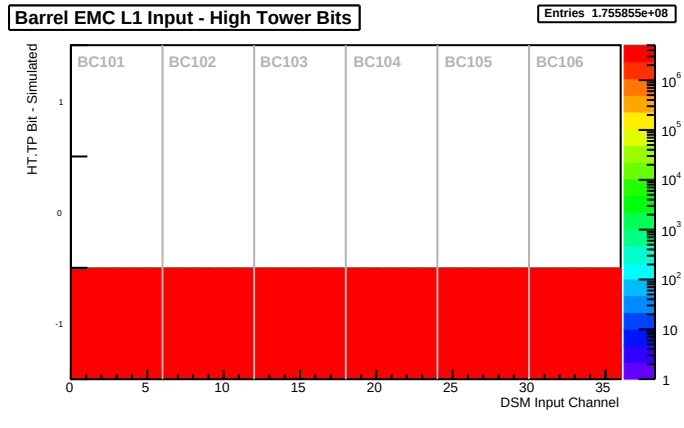

Barrel EMC L1 Input - High Eta Sum
Entries 1.863056e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

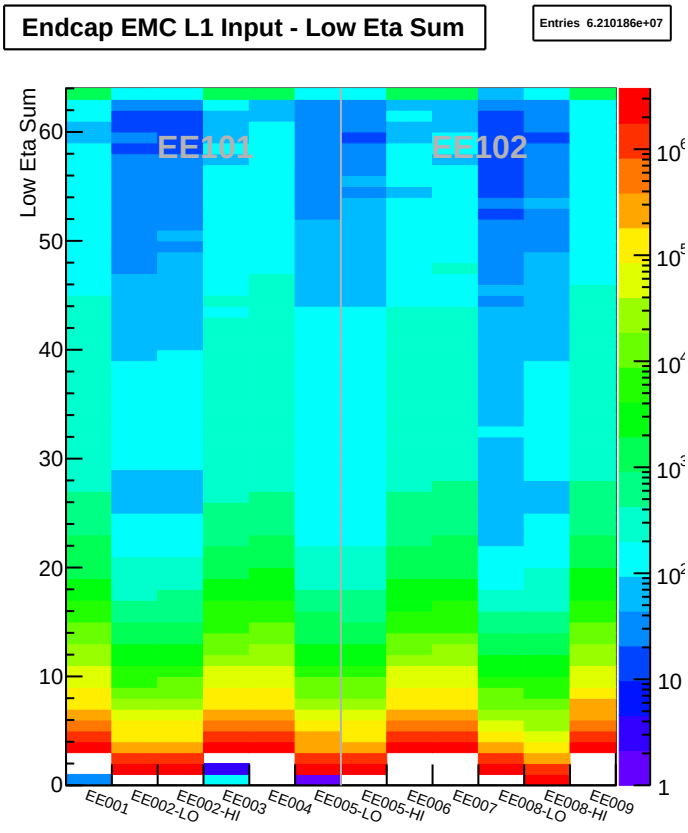

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

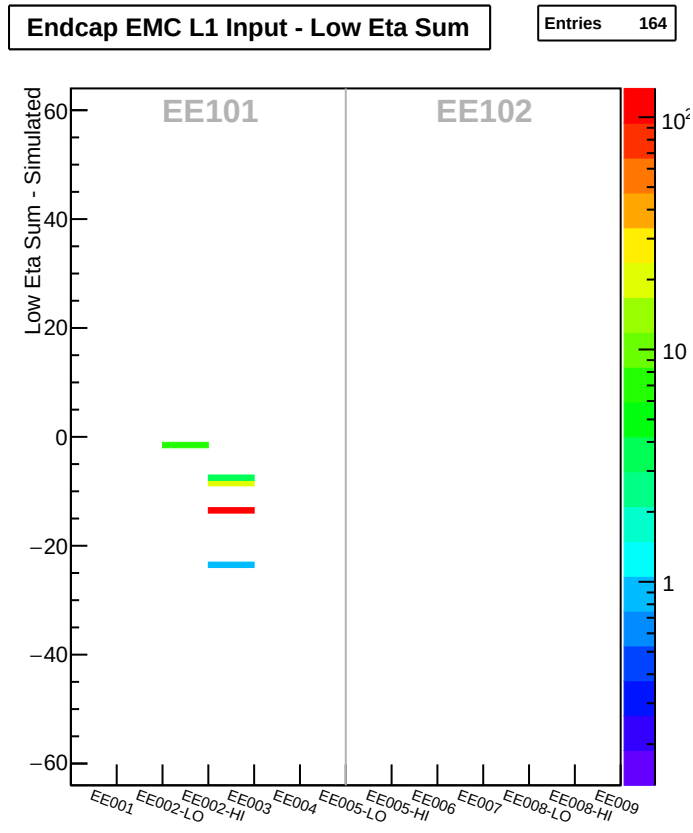

Barrel EMC L1 Input - High Tower Bits
Entries 1.863056e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

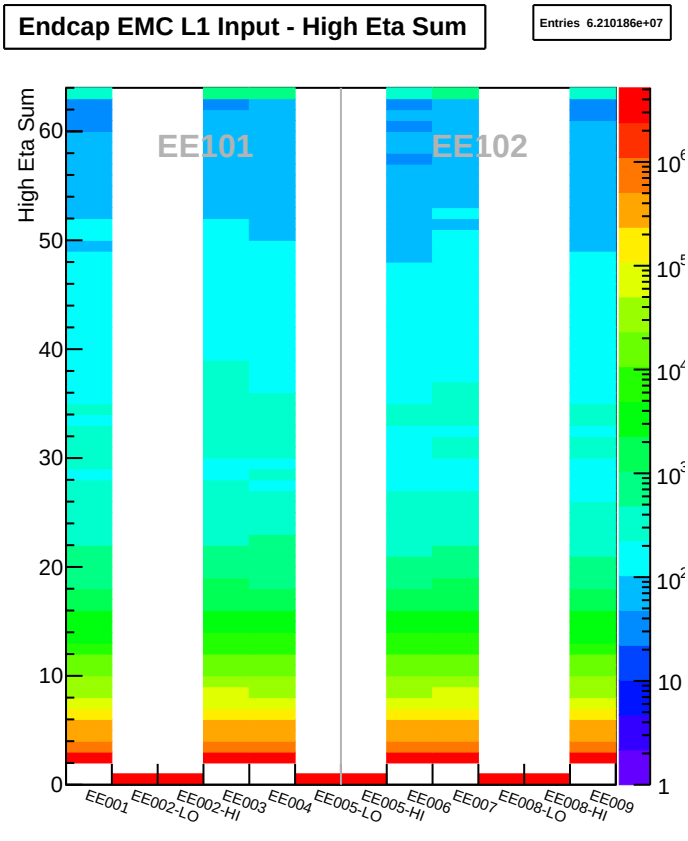

Barrel EMC L1 Input - High Tower Bits
Entries 1.862107e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

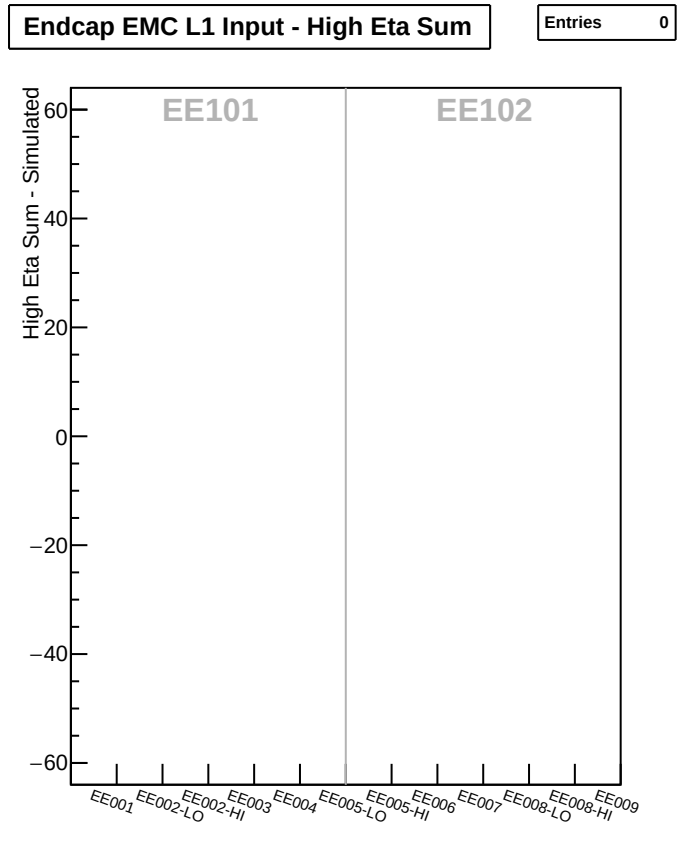

Barrel EMC L1 Input - HT.TP Bit
Entries 1.863056e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel


Barrel EMC L1 Input - High Tower Bits
Entries 1.755855e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel


Endcap EMC L1 Input - Low Eta Sum
Entries 6.210186e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

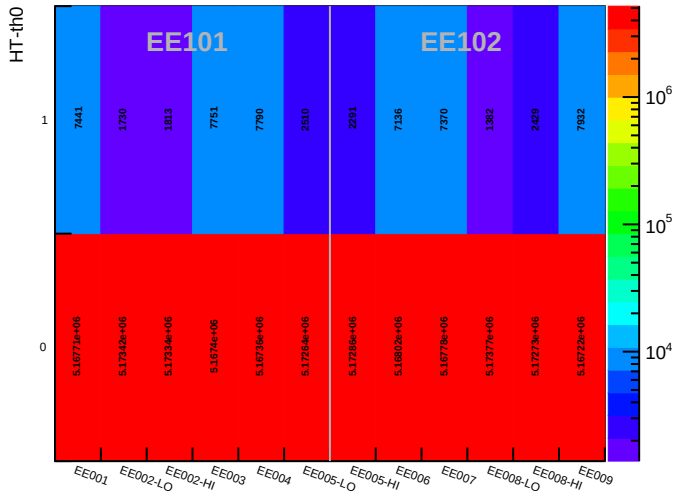

Endcap EMC L1 Input - Low Eta Sum
Entries 164
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009


Endcap EMC L1 Input - High Eta Sum
Entries 6.210186e+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

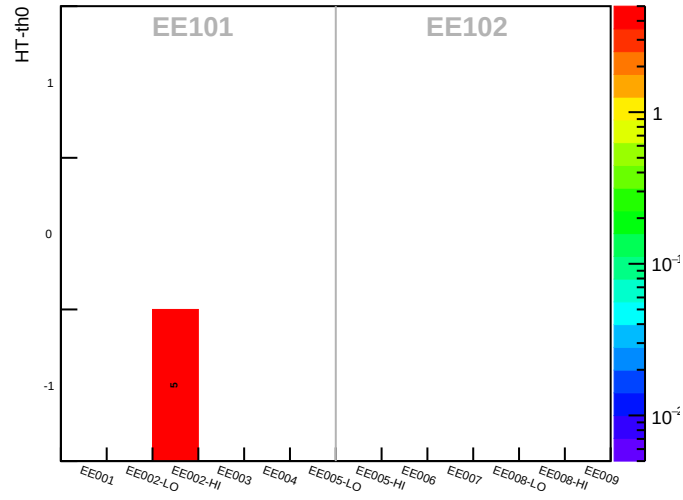
## Endcap EMC L1 Input - HT-th0

Entries 6.210186e+07



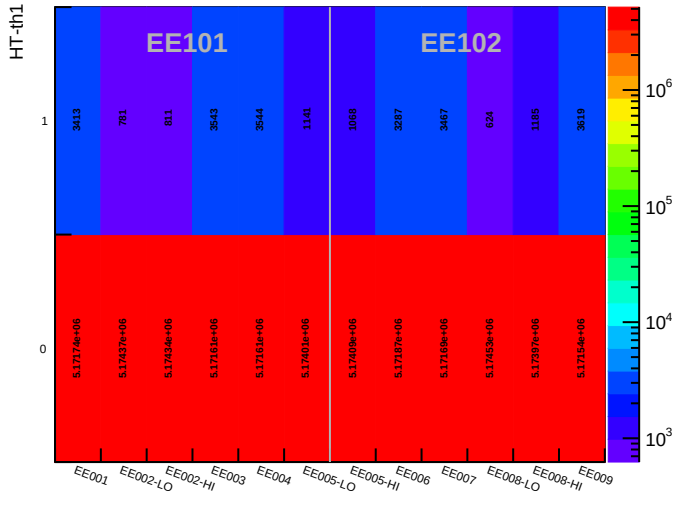

## Endcap EMC L1 Input - HT-th0 Diff

Entries 5



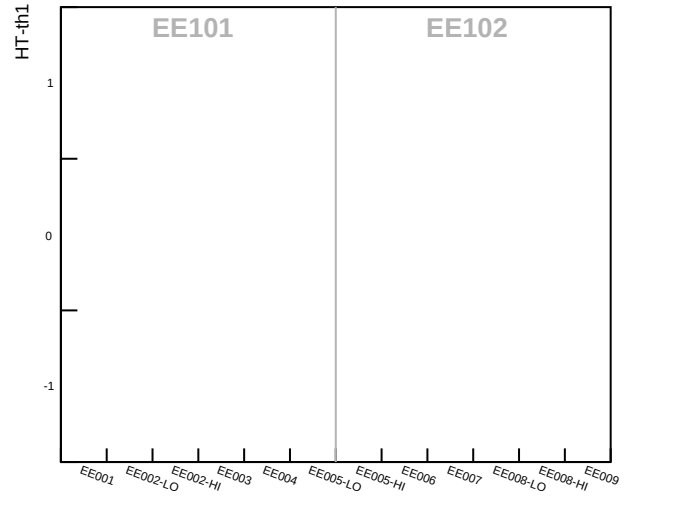

## Endcap EMC L1 Input - HT-th1

Entries 6.210186e+07



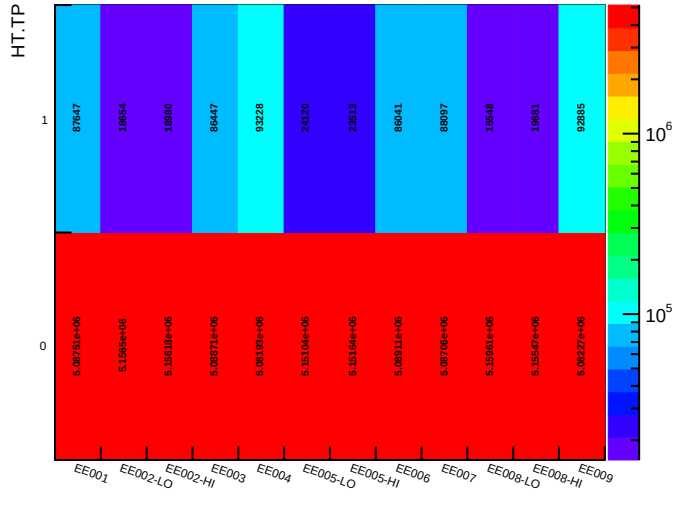

## Endcap EMC L1 Input - HT-th1 Diff

Entries 0



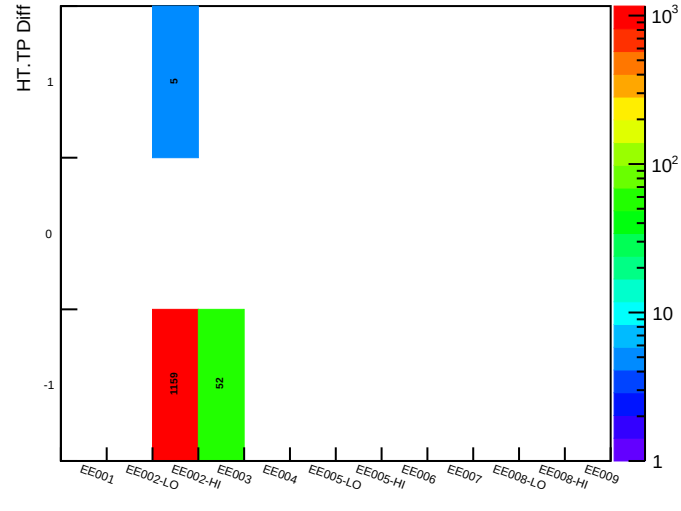

## Endcap EMC L1 Input - HT.TP

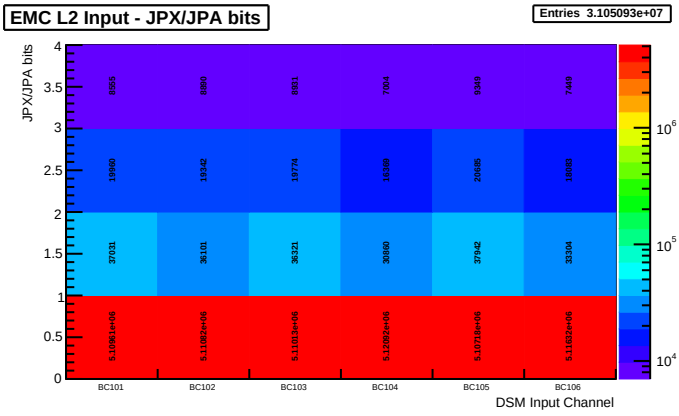
Entries 6.210186e+07

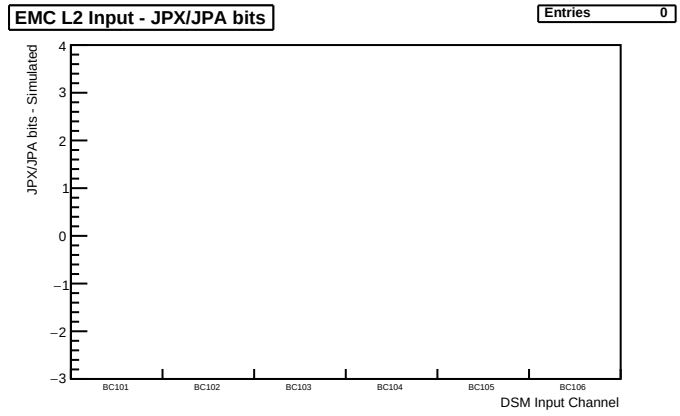


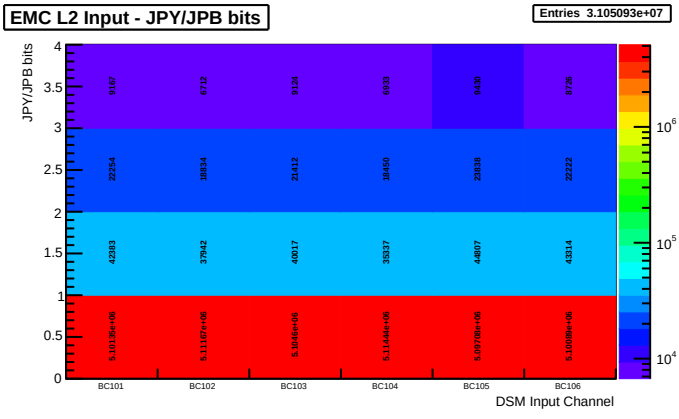

## Endcap EMC L1 Input - HT.TP Diff

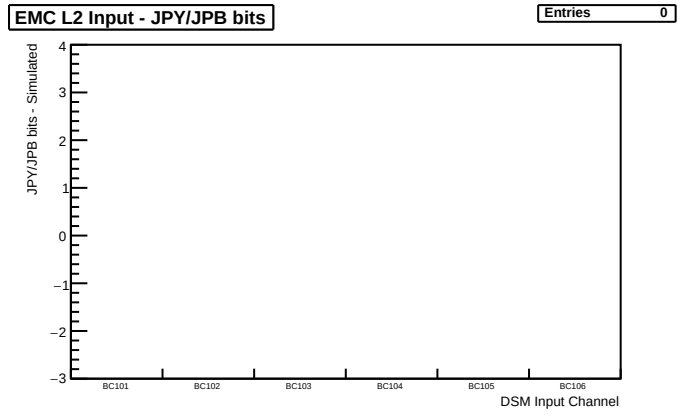
Entries 1216

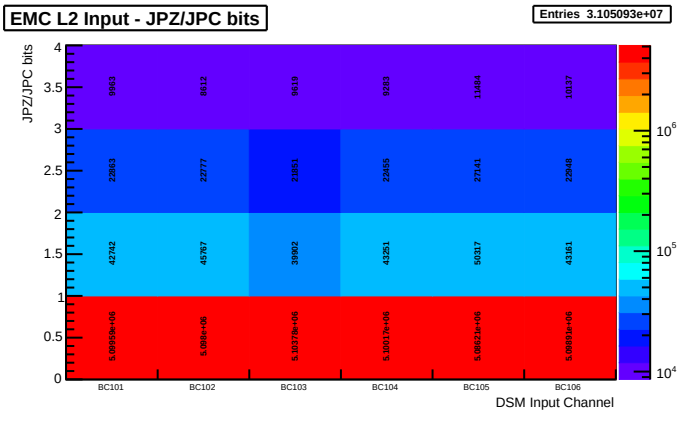


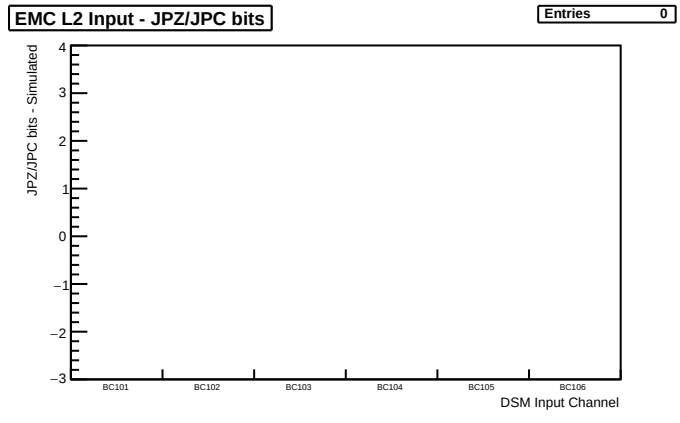

EMC L2 Input - JPX/JPA bits
Entries 3.105093e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
8555
8880
8931
7004
5949
7449
19960
19342
19774
16389
20685
18083
37031
36101
36321
30960
37942
33304
5.10961e+06
5.11082e+06
5.11013e+06
5.12082e+06
5.10718e+06
5.11632e+06

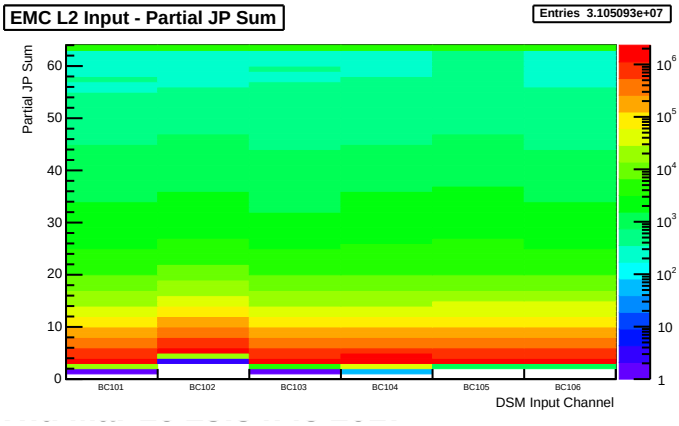

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

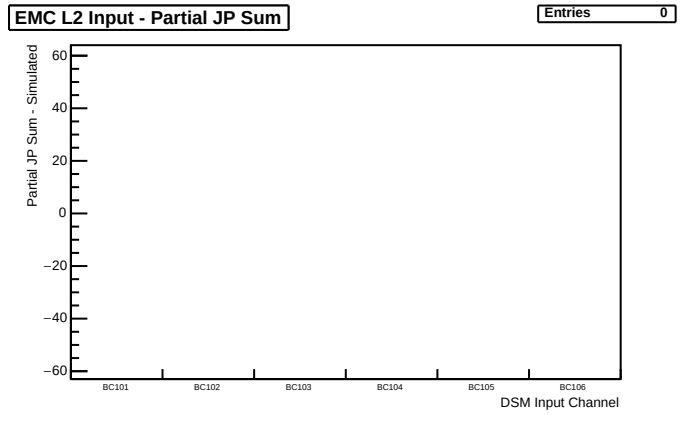

EMC L2 Input - JPY/JPB bits
Entries 3.105093e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
9167
6712
9128
6933
9430
8726
22254
18834
21412
18450
23838
22222
42383
37942
40017
35337
44807
43314
5.10135e+06
5.11167e+06
5.10146e+06
5.11444e+06
5.09708e+06
5.10089e+06

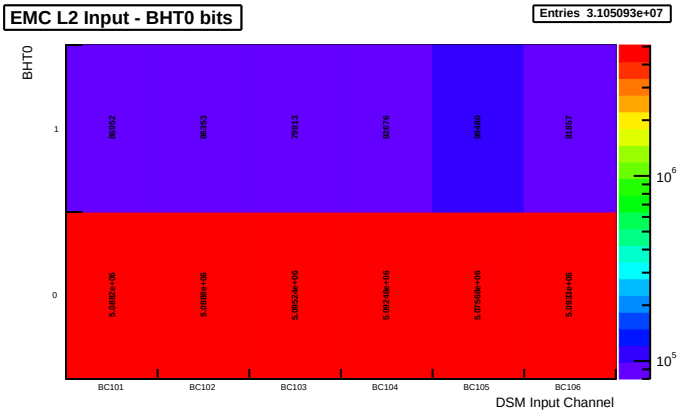

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

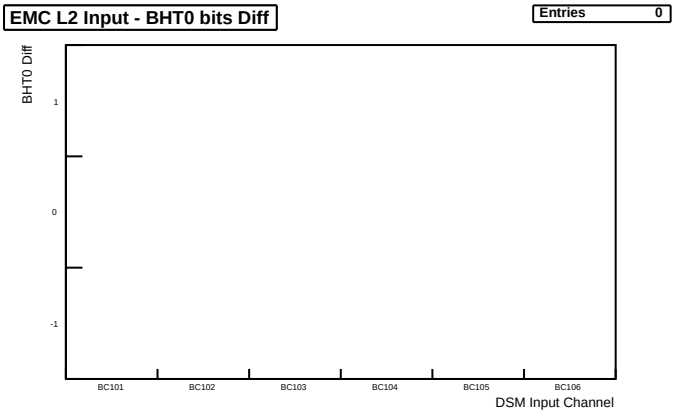

EMC L2 Input - JPZ/JPC bits
Entries 3.105093e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
9963
8612
9619
9283
11034
10137
22883
22777
21851
22655
27141
22848
42742
45767
39902
43251
50317
43161
5.09959e+06
5.09e+06
5.10378e+06
5.10017e+06
5.08621e+06
5.08931e+06

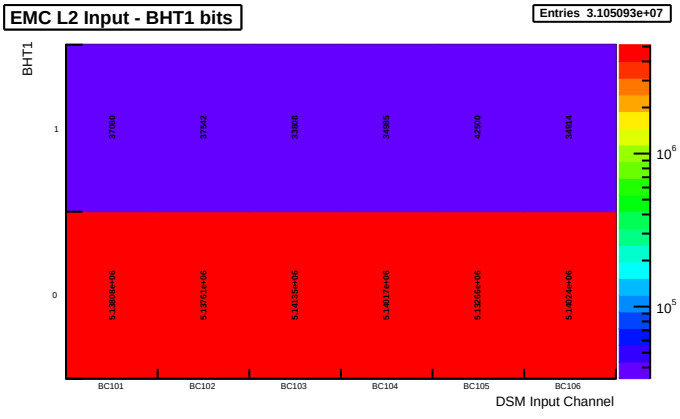

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

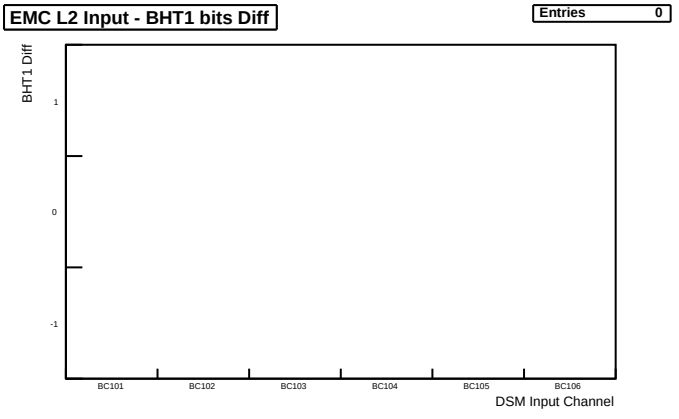

EMC L2 Input - Partial JP Sum
Entries 3.105093e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

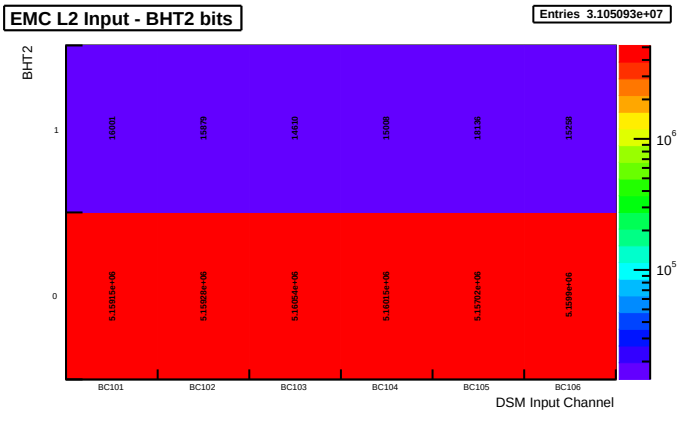

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

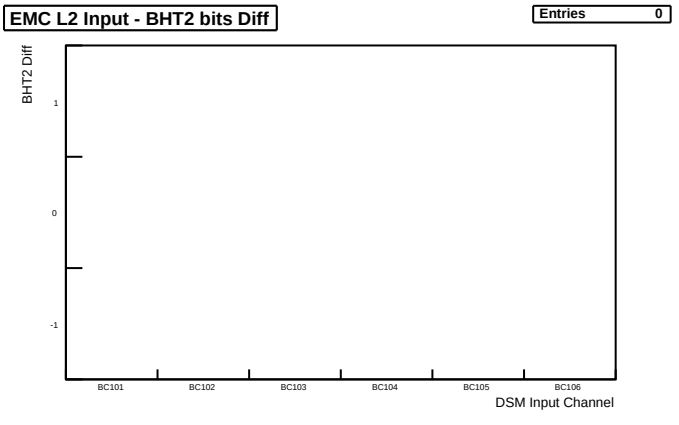

EMC L2 Input - BHT0 bits
Entries 3.105093e+07
BHT0
1
0
86552
86353
79913
82676
69450
81857
5.0482e+06
5.0388e+06
5.0552e+06
5.0524e+06
5.0758e+06
5.0032e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
$10^6$
$10^5$

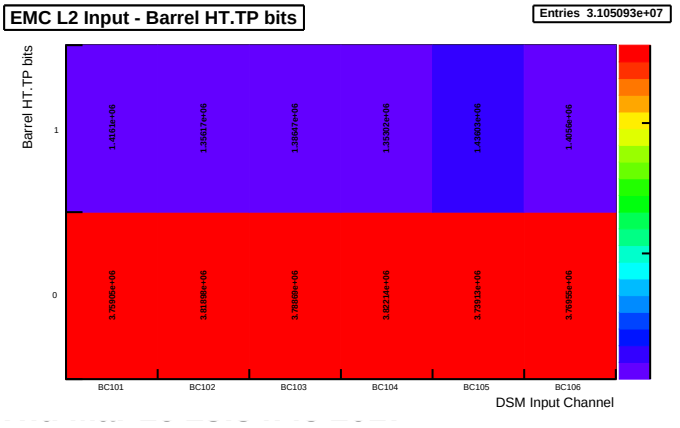

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

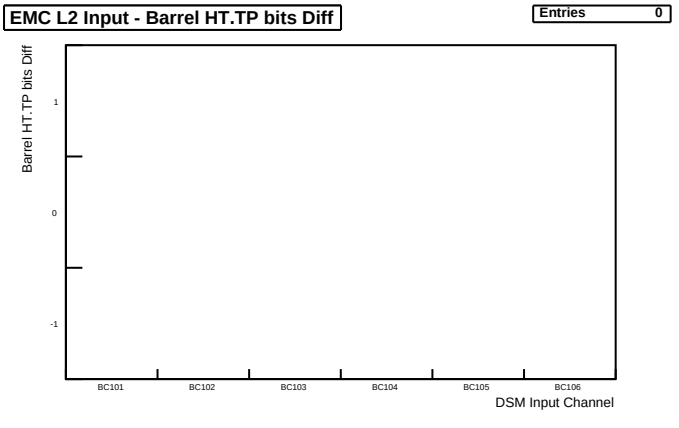

EMC L2 Input - BHT1 bits
Entries 3.105093e+07
BHT1
1
0
37080
37542
33808
34985
42500
34914
5.1308e+06
5.1276le+06
5.1413e+06
5.1401e+06
5.1326e+06
5.1402e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
$10^6$
$10^5$

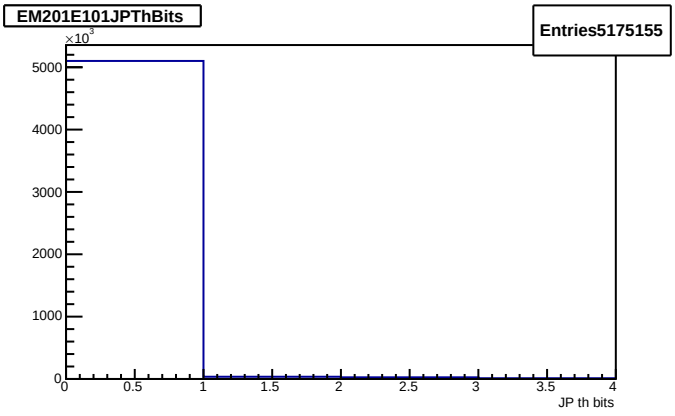

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

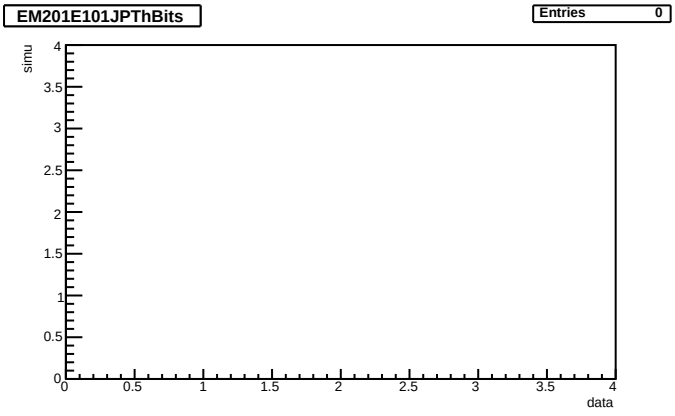

EMC L2 Input - BHT2 bits
Entries 3.105093e+07
BHT2
1
0
16601
15379
14610
15008
18138
15238
5.1591e+06
5.1592e+06
5.1605e+06
5.1601e+06
5.1570e+06
5.1590e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
$10^6$
$10^5$

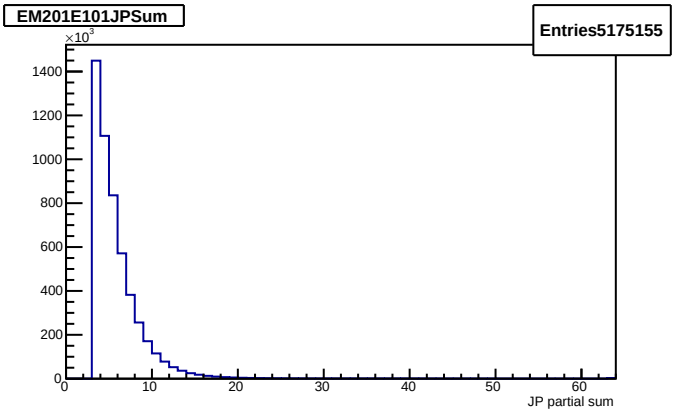

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

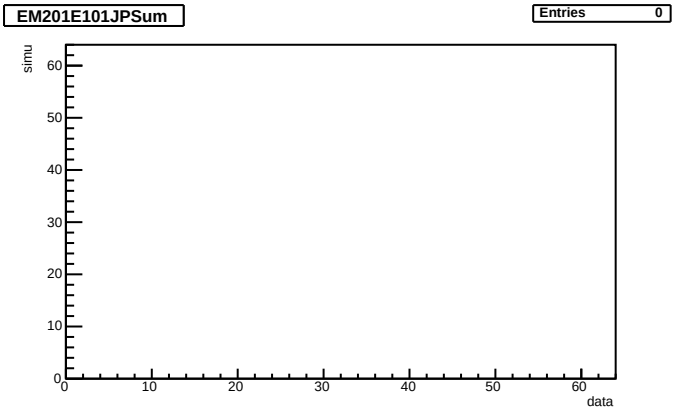

EMC L2 Input - Barrel HT.TP bits
Entries 3.105093e+07
Barrel HT.TP bits
1
0
1.4163e+06
1.3517e+06
1.3847e+06
1.3532e+06
1.4303e+06
1.4056e+06
3.7590e+06
3.8189e+06
3.7868e+06
3.8221e+06
3.7291e+06
3.7805e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

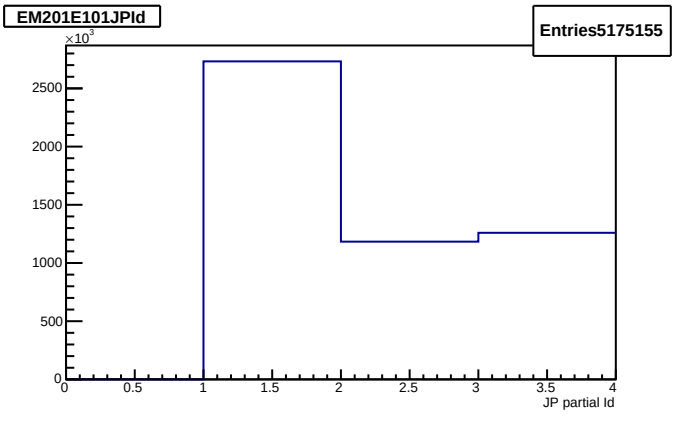

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

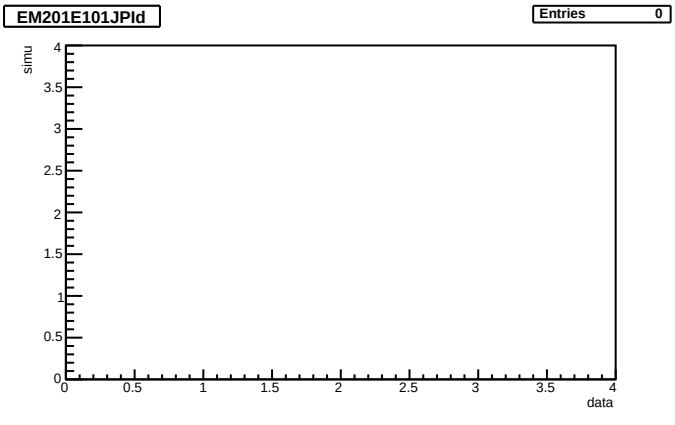

EM201E101JPThBits
Entries5175155
×10^3
JP th bits

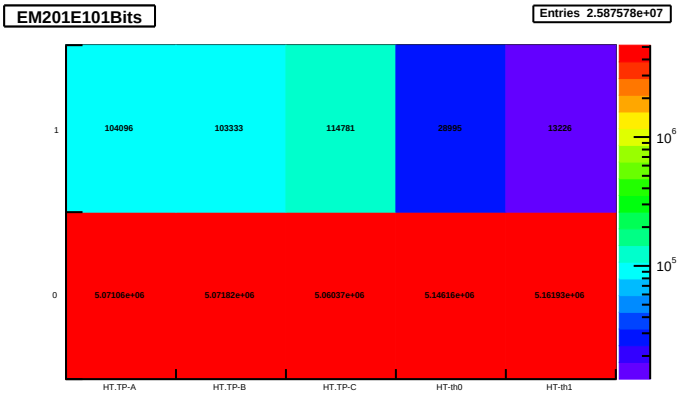

EM201E101JPThBits
Entries 0
simu
data

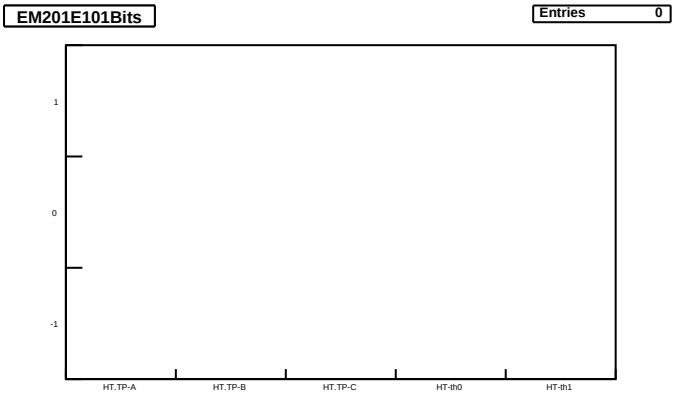

EM201E101JPSum
Entries5175155
×10^3
JP partial sum

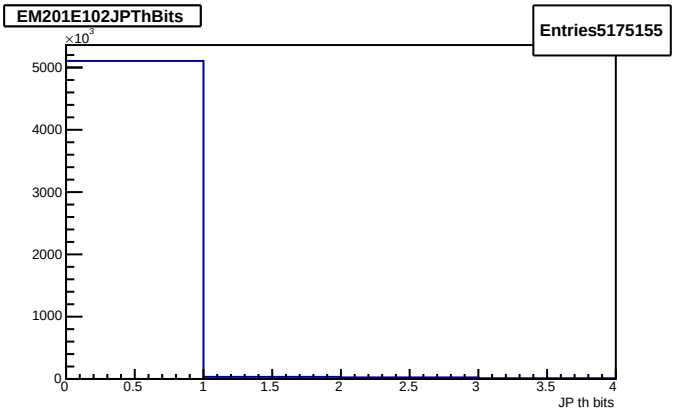

EM201E101JPSum
Entries 0
simu
data

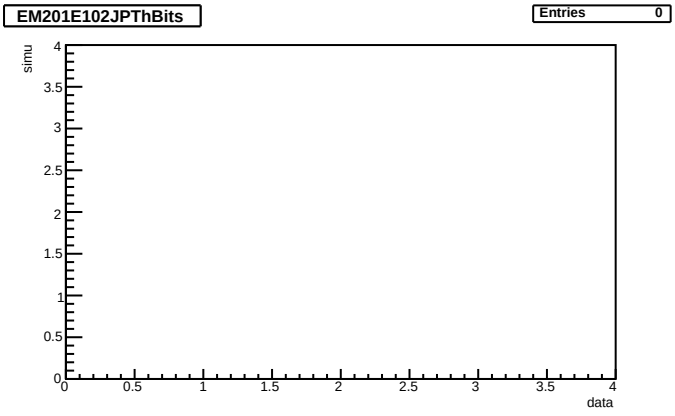

EM201E101JPId
Entries5175155
×10^3
JP partial Id

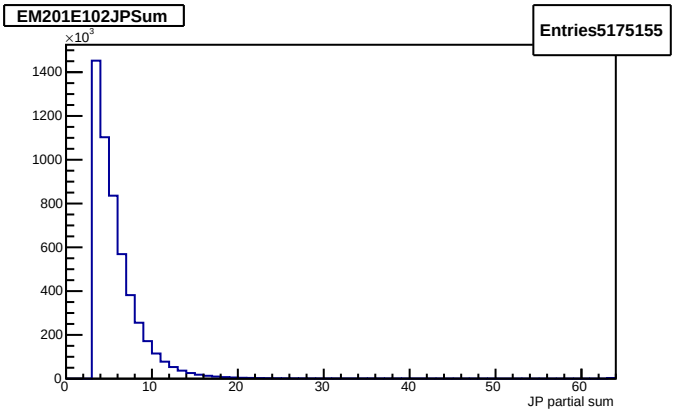

EM201E101JPId
Entries 0
simu
data

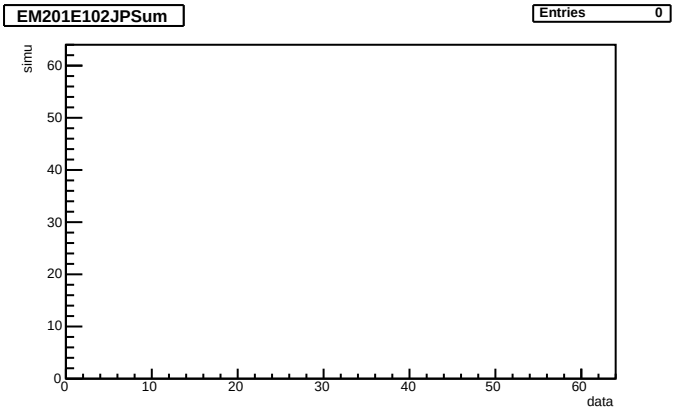

EM201E101Bits
Entries 2.587578e+07
104096
103333
114781
28995
13226
5.07106e+06
5.07182e+06
5.06037e+06
5.14616e+06
5.16193e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

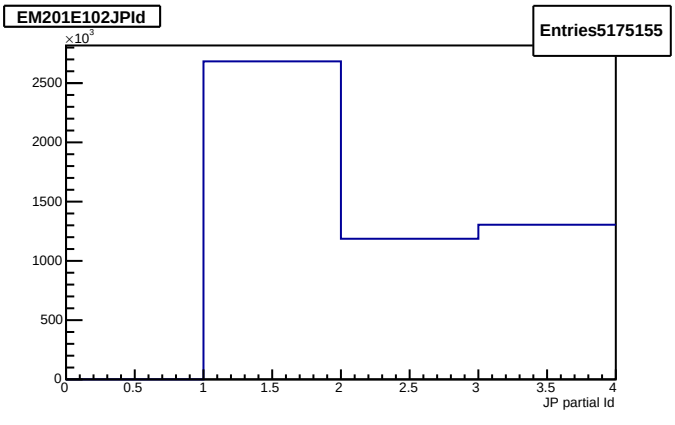

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

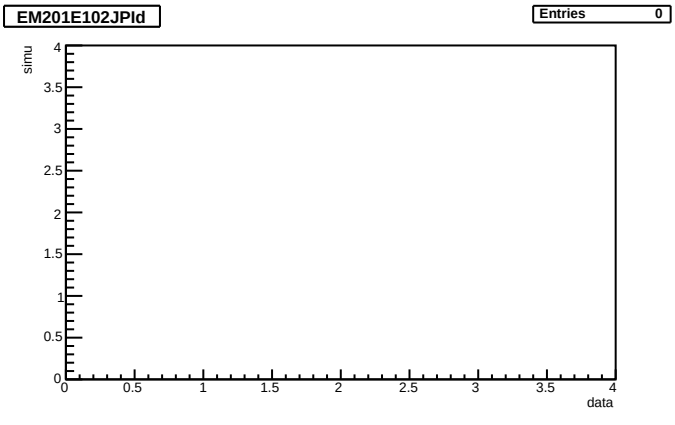

EM201E102JPThBits
Entries5175155
×10^3
JP th bits

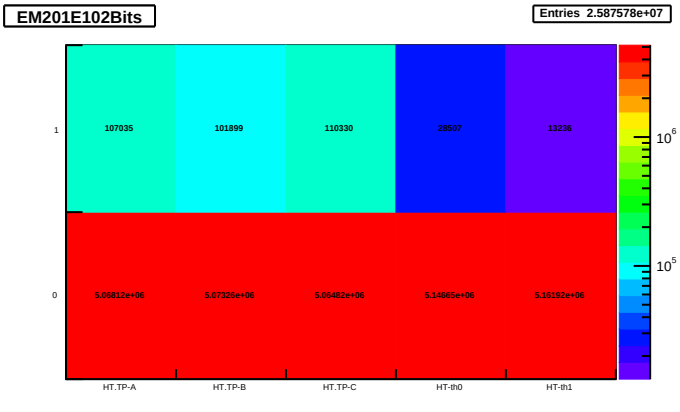

EM201E102JPThBits
Entries 0
simu
data

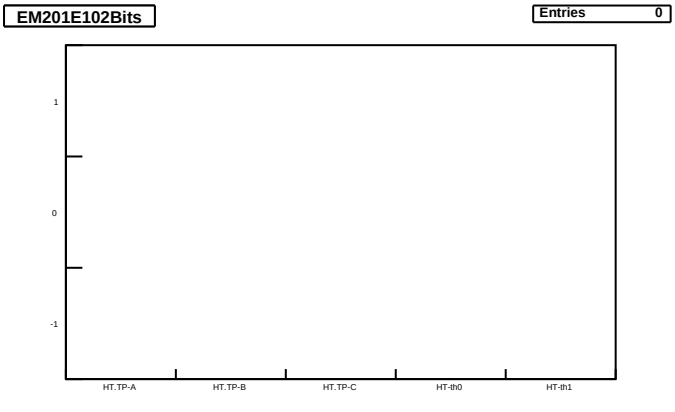

EM201E102JPSum
Entries5175155
×10^3
JP partial sum

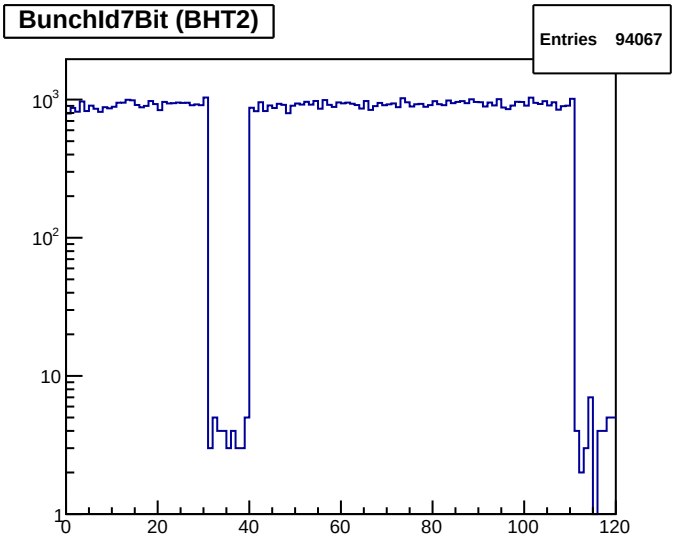

EM201E102JPSum
Entries 0
simu
data

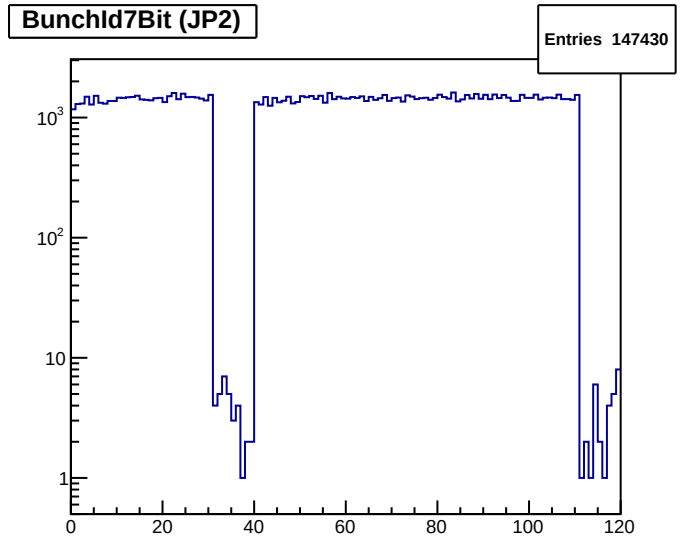

EM201E102JPId
Entries5175155
×10^3
JP partial Id

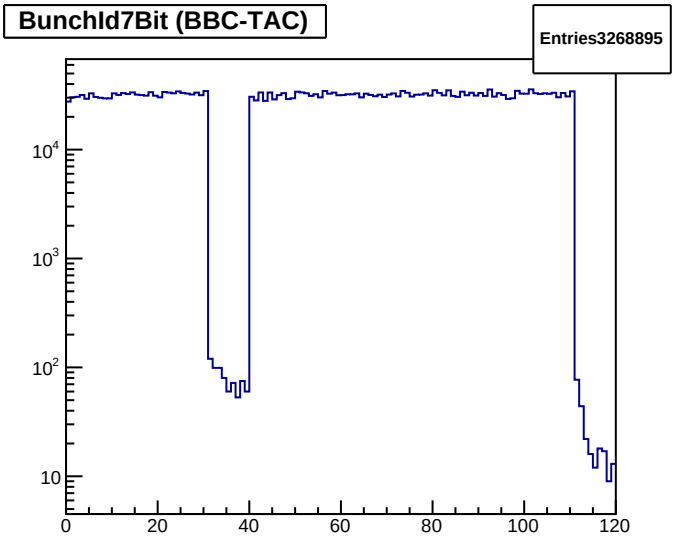

EM201E102JPId
Entries 0
simu
data

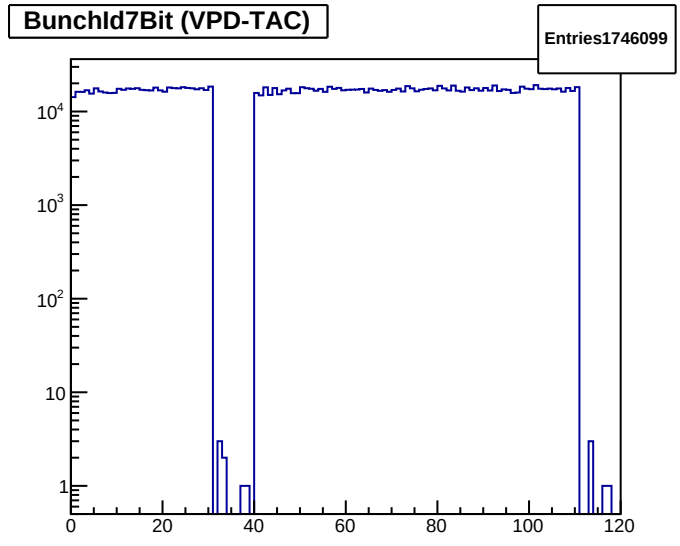

EM201E102Bits
Entries 2.587578e+07
107035
101899
110330
28507
13236
5.06812e+06
5.07326e+06
5.06482e+06
5.14605e+06
5.16192e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

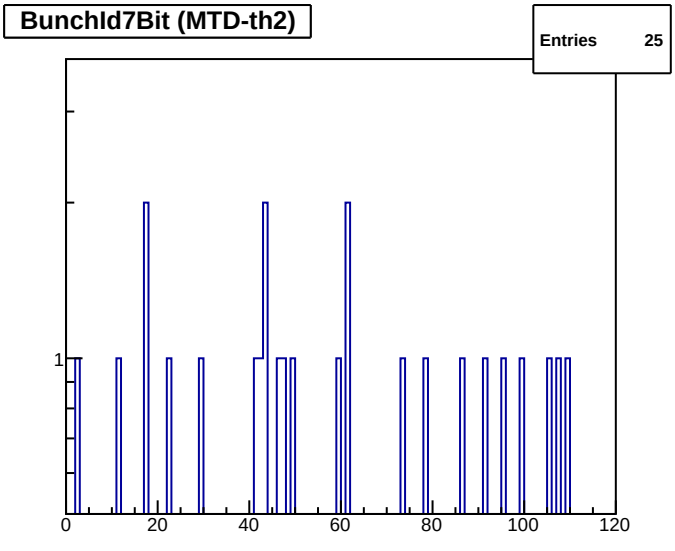

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

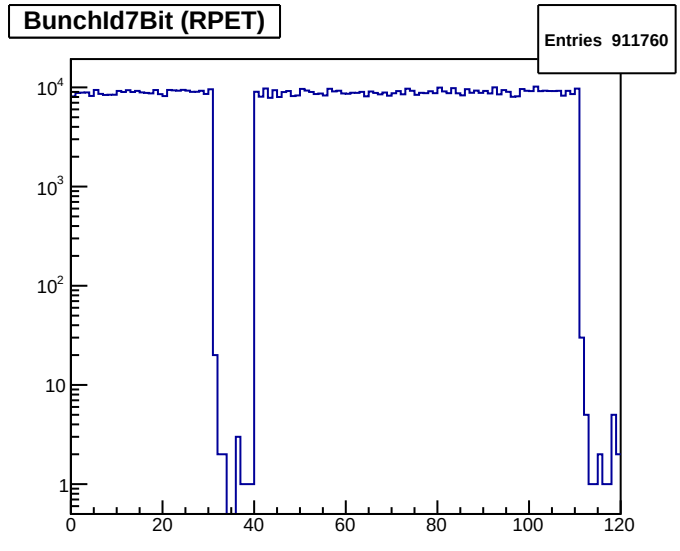

BunchId7Bit (BHT2)
Entries 94067

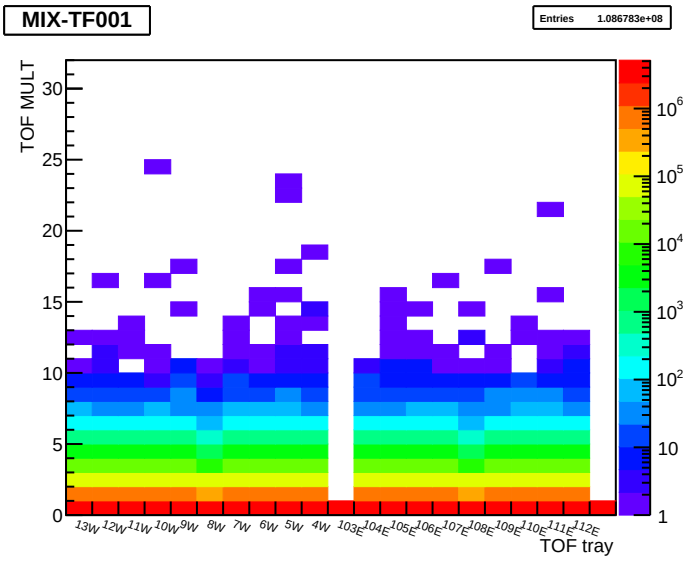

BunchId7Bit (JP2)
Entries 147430

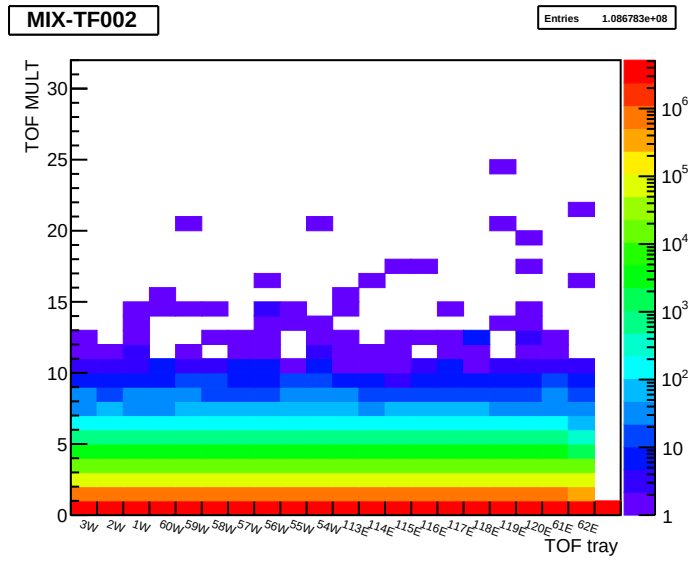

BunchId7Bit (BBC-TAC)
Entries3268895

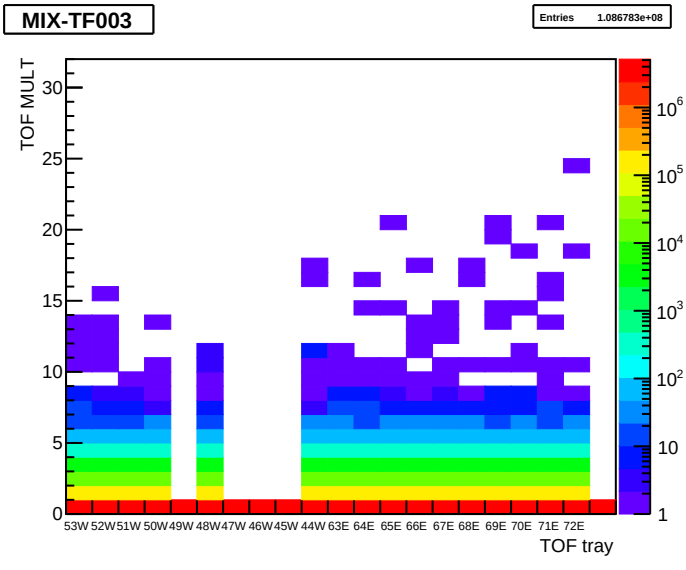

BunchId7Bit (VPD-TAC)
Entries1746099

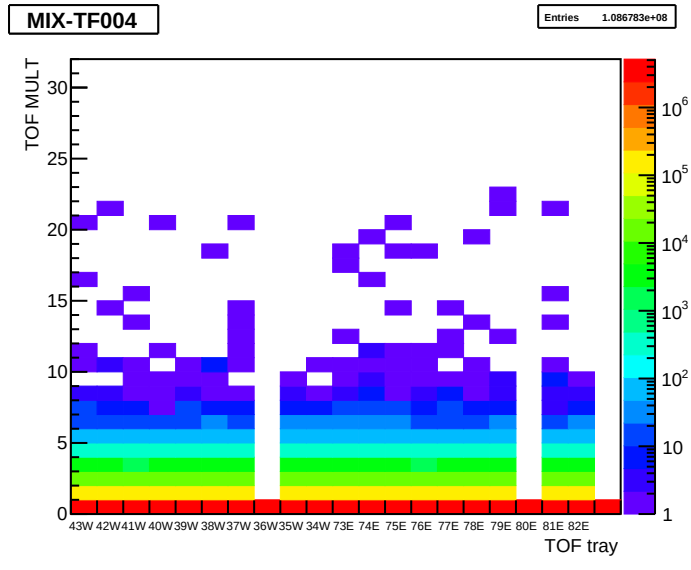

BunchId7Bit (MTD-th2)
Entries 25

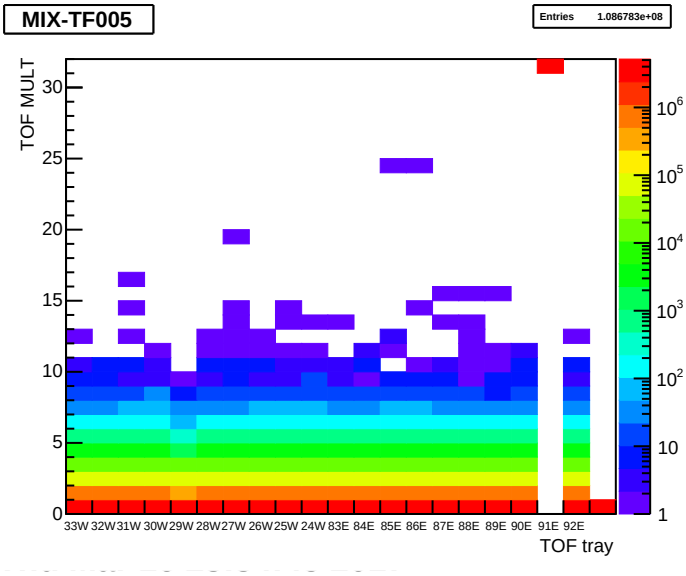

BunchId7Bit (RPET)
Entries 911760

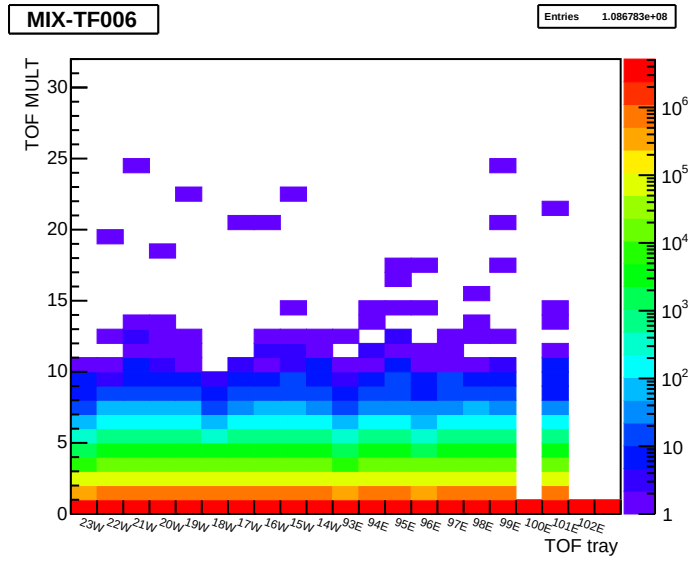

MIX-TF001
Entries 1.086783e+08
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

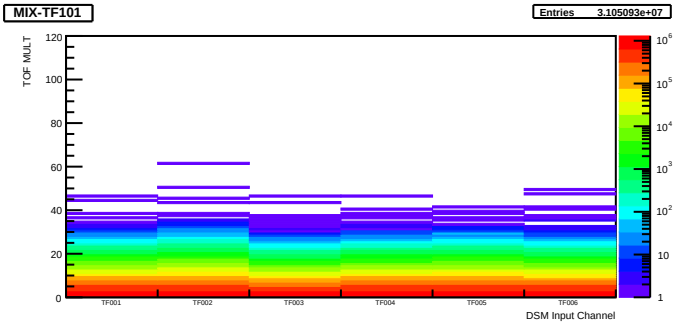

MIX-TF002
Entries 1.086783e+08
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

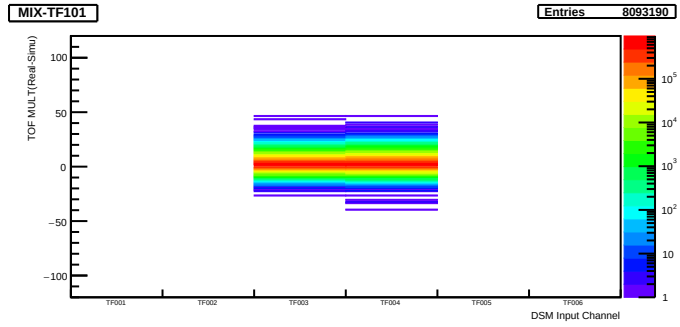

MIX-TF003
Entries 1.086783e+08
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

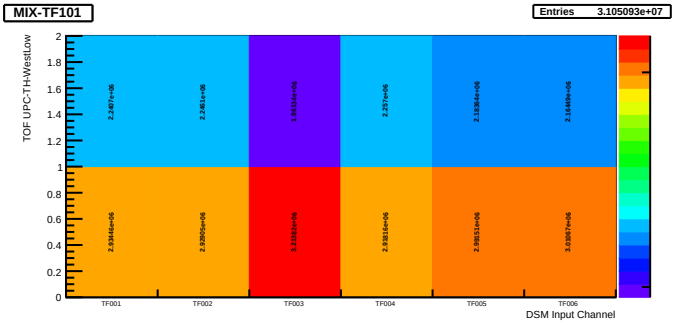

MIX-TF004
Entries 1.086783e+08
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

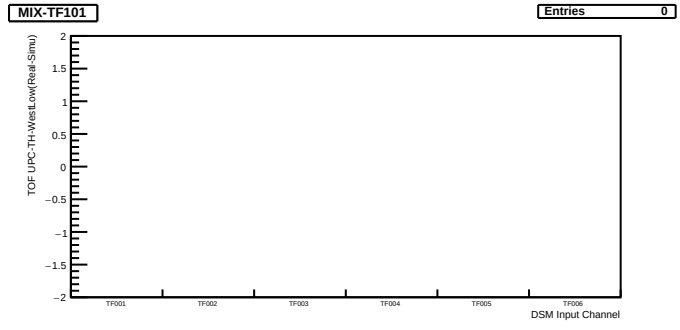

MIX-TF005
Entries 1.086783e+08
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

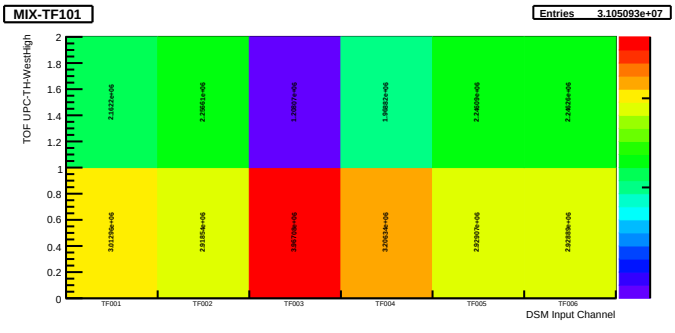

MIX-TF006
Entries 1.086783e+08
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

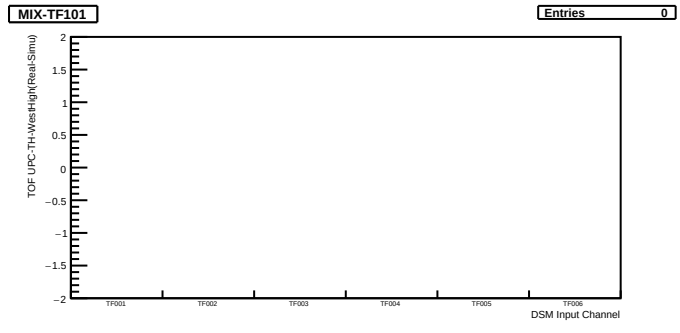

MIX-TF101
Entries 3.105093e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

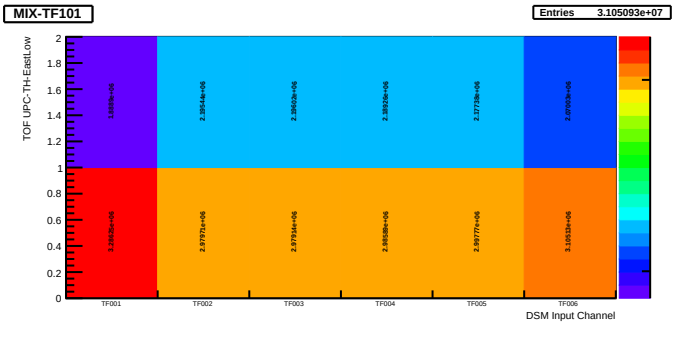

MIX-TF101
Entries 8093190
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

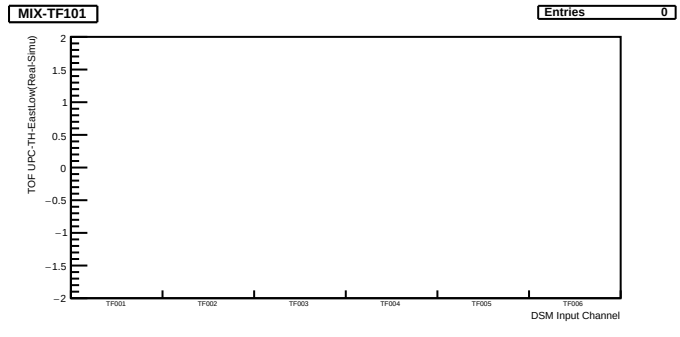

MIX-TF101
Entries 3.105093e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

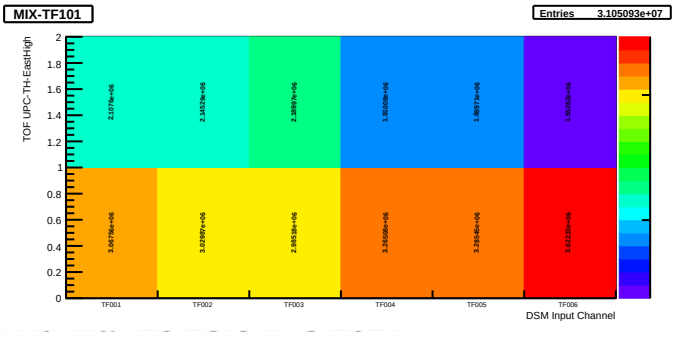

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

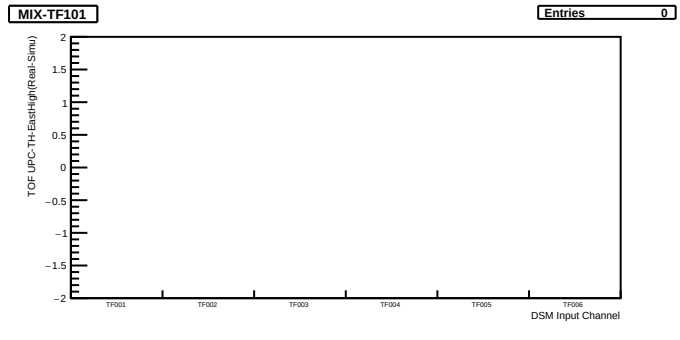

MIX-TF101
Entries 3.105093e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

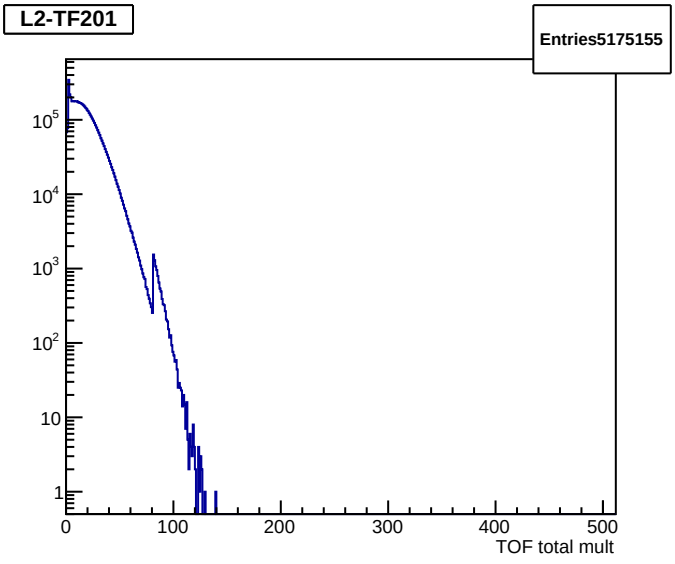

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

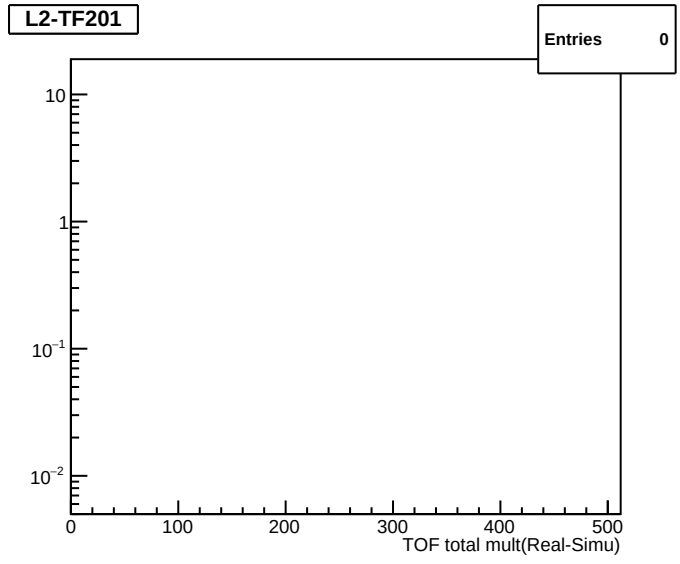

MIX-TF101
Entries 3.105093e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

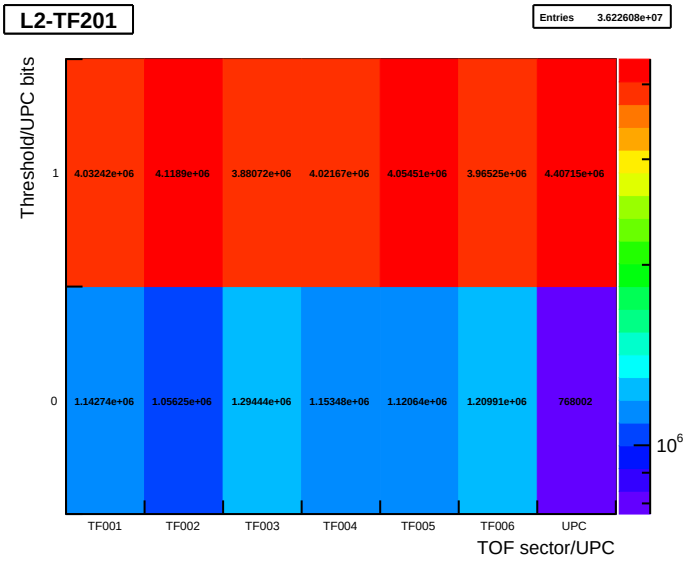

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

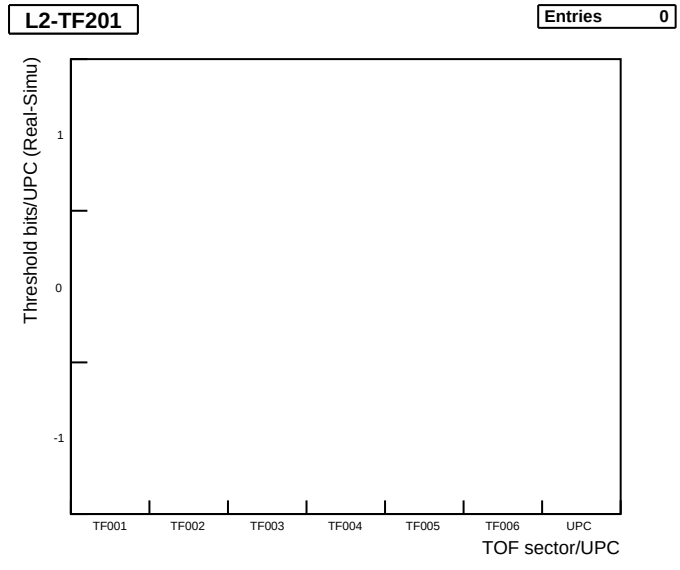

MIX-TF101
Entries 3.105093e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

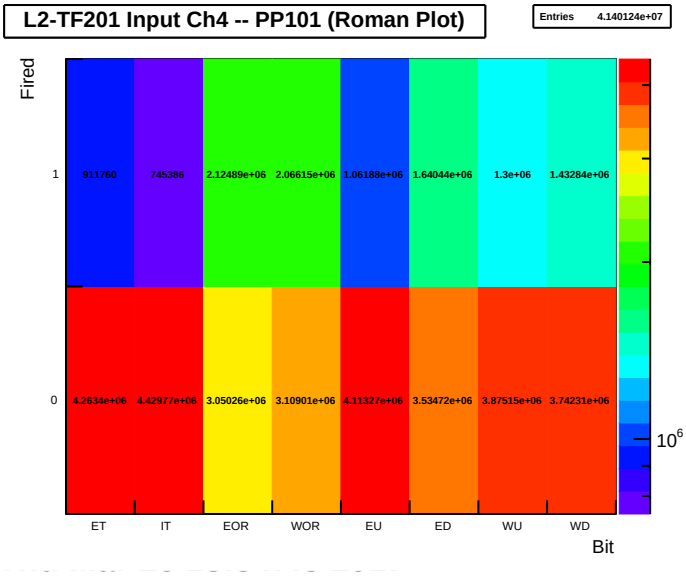

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

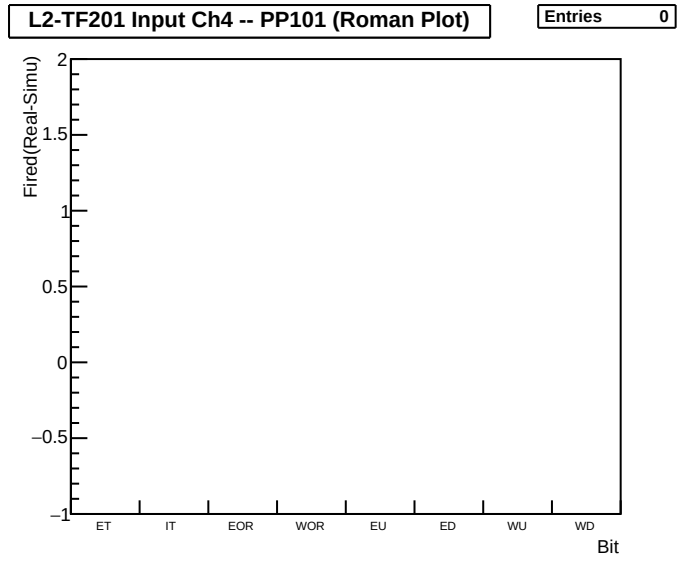

L2-TF201
Entries5175155
TOF total mult

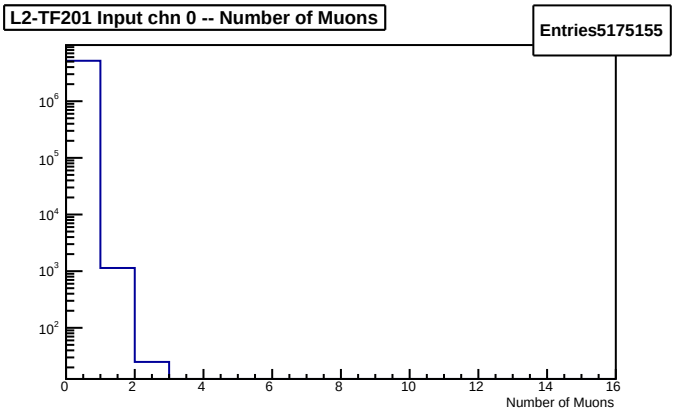

L2-TF201
Entries 0
TOF total mult(Real-Simu)

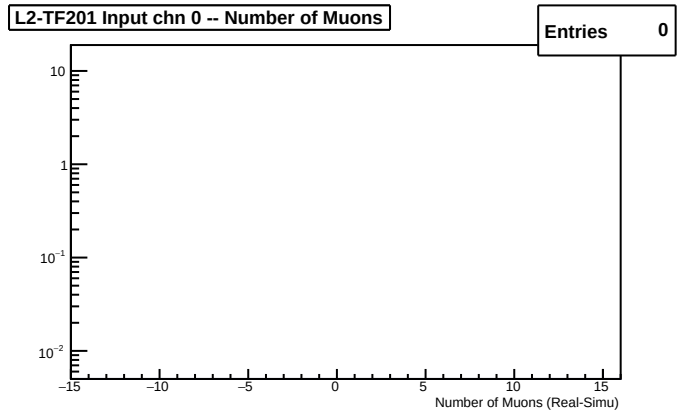

L2-TF201
Entries 3.622608e+07
Threshold/UPC bits
4.03242e+06
4.1189e+06
3.88072e+06
4.02167e+06
4.05451e+06
3.96525e+06
4.40715e+06
1.14274e+06
1.05625e+06
1.29444e+06
1.15348e+06
1.12064e+06
1.20991e+06
768002
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

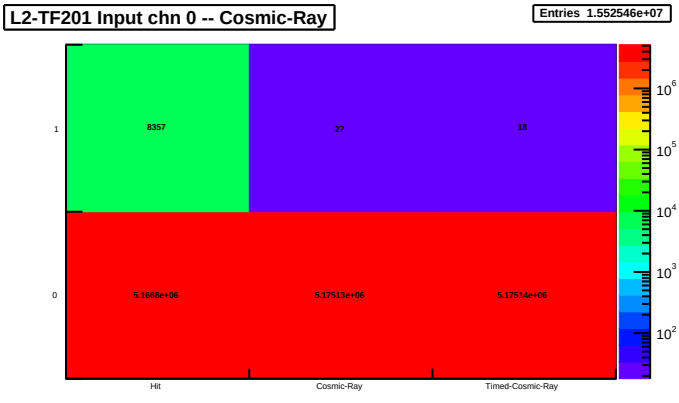

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

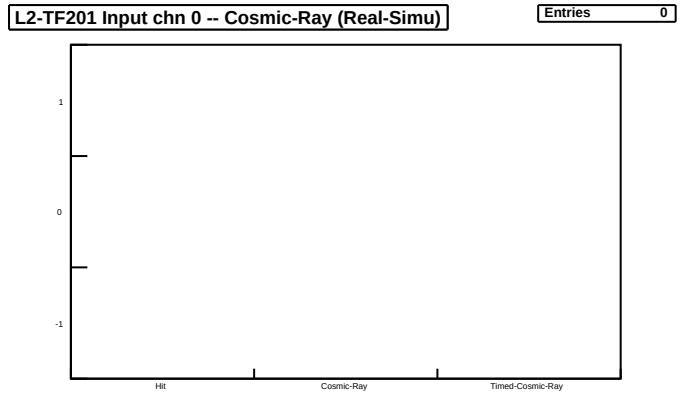

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 4.140124e+07
Fired
911760
745386
2.12489e+06
2.06615e+06
1.06188e+06
1.64044e+06
1.3e+06
1.43284e+06
4.2634e+06
4.42977e+06
3.05026e+06
3.10901e+06
4.11327e+06
3.53472e+06
3.87515e+06
3.74231e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

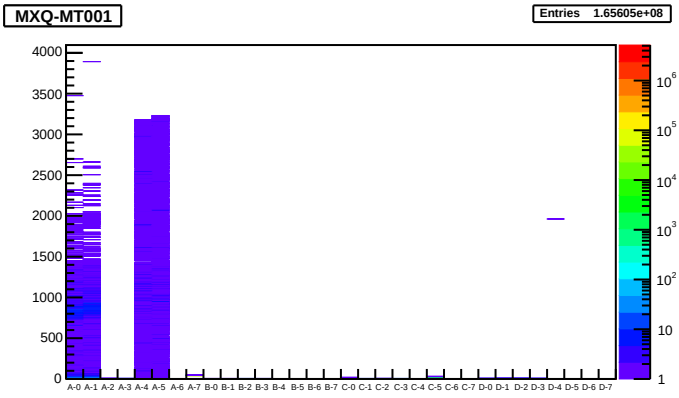

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

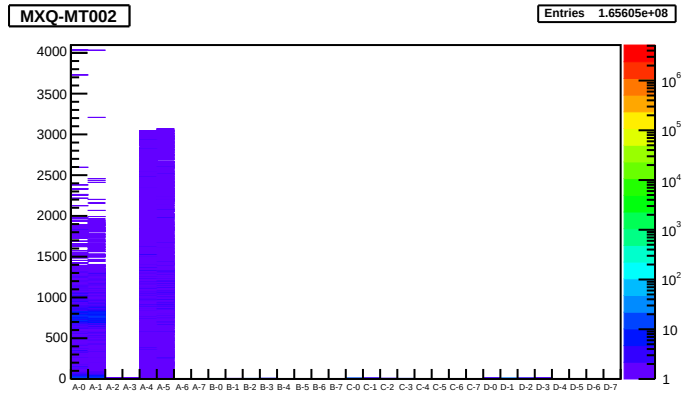

L2-TF201 Input chn 0 -- Number of Muons
Entries5175155
Number of Muons

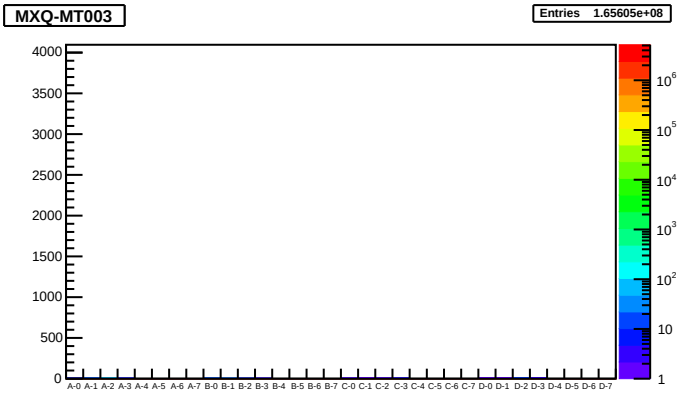

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

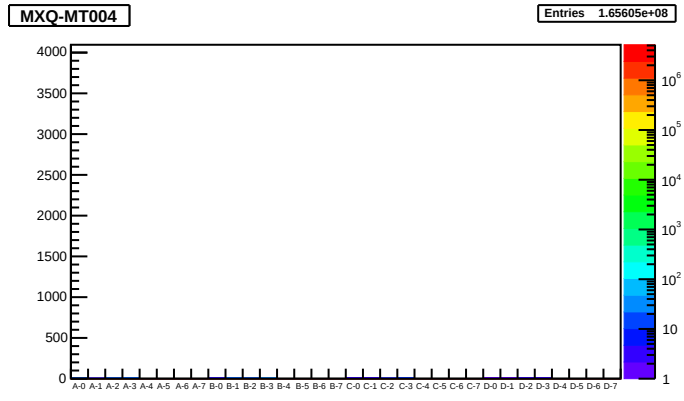

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.552546e+07
8357
27
18
5.1668e+06
5.17513e+06
5.17514e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

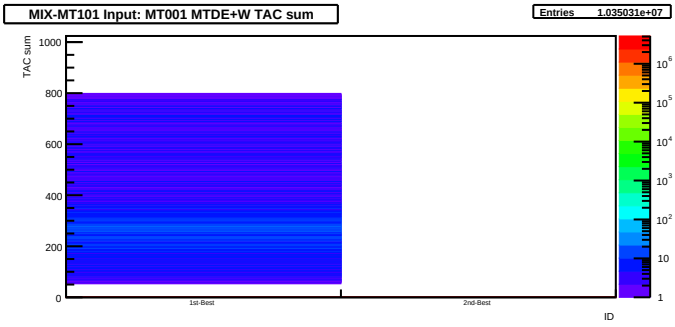

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

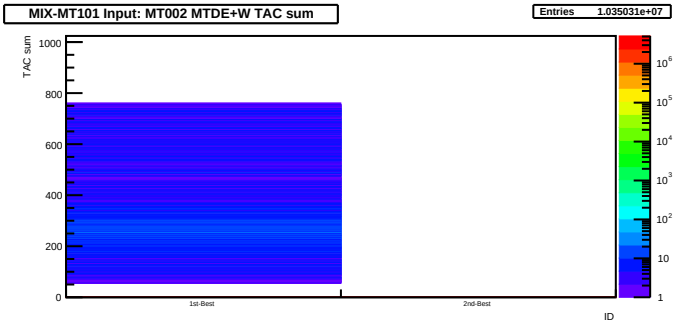

MXQ-MT001
Entries 1.65605e+08

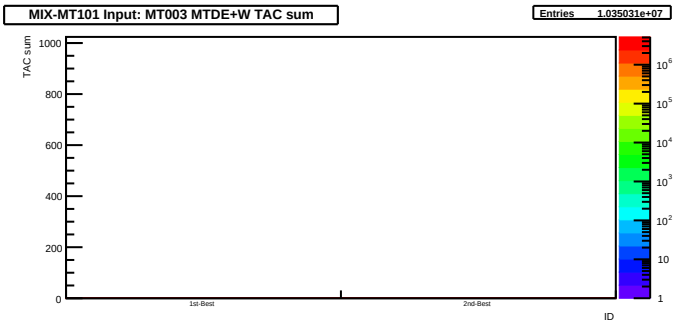

MXQ-MT002
Entries 1.65605e+08

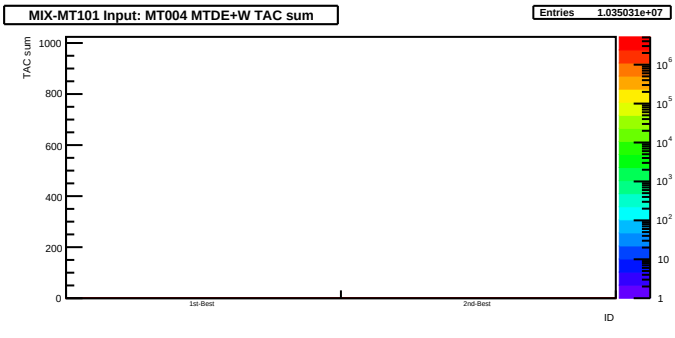

MXQ-MT003
Entries 1.65605e+08

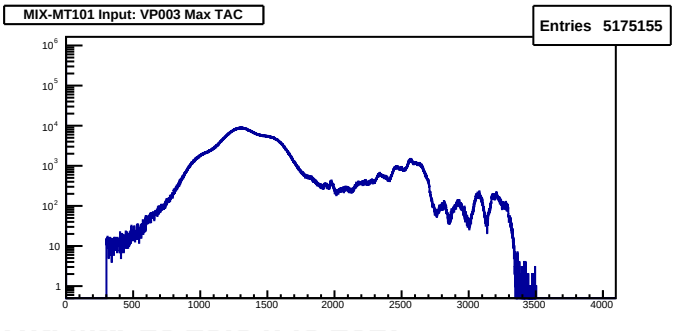

MXQ-MT004
Entries 1.65605e+08

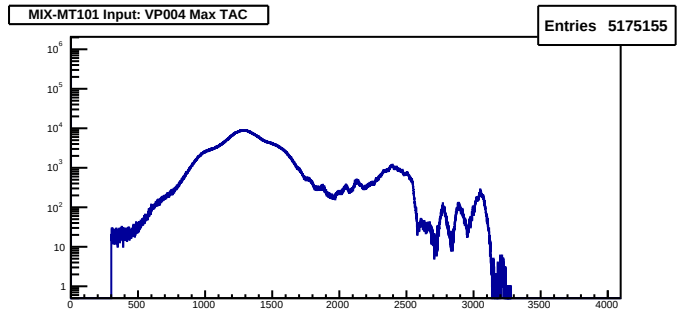

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.035031e+07
TAC sum
1st-Best
2nd-Best
ID

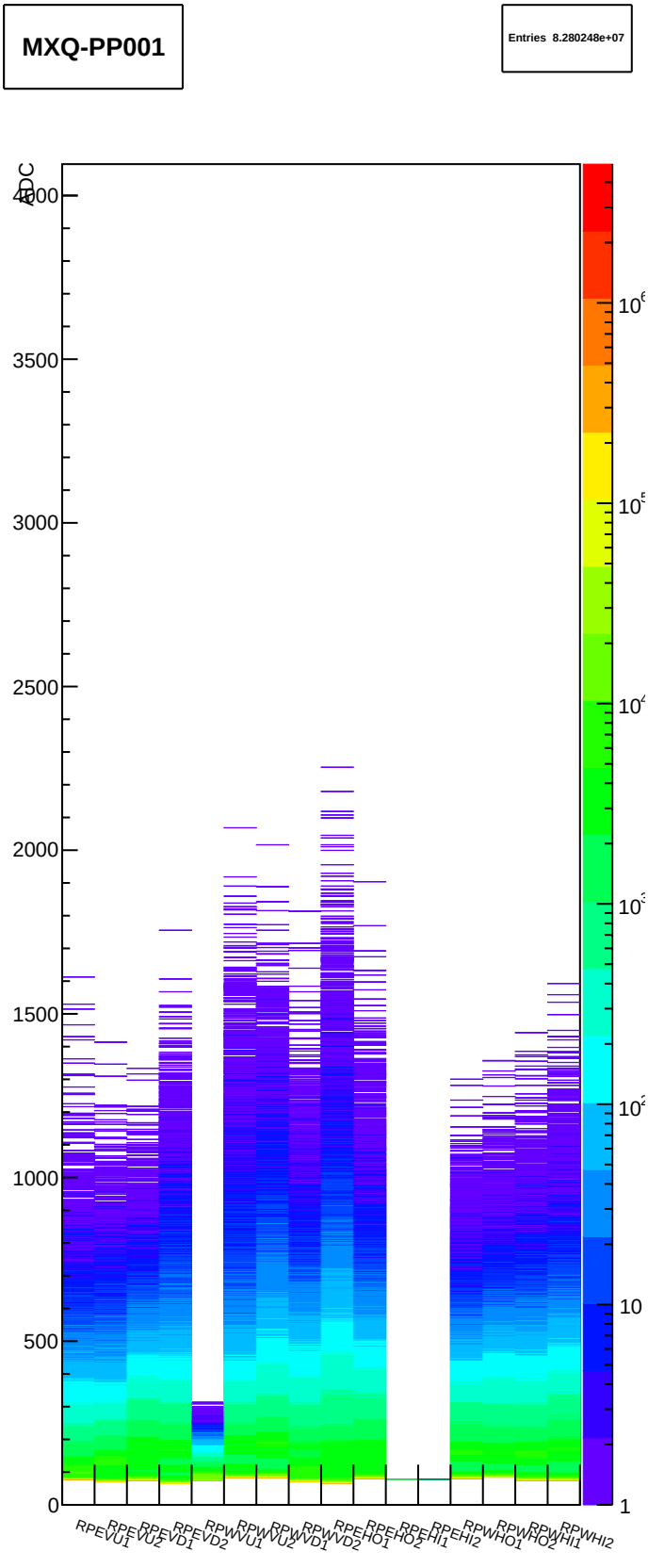

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.035031e+07
TAC sum
1st-Best
2nd-Best
ID

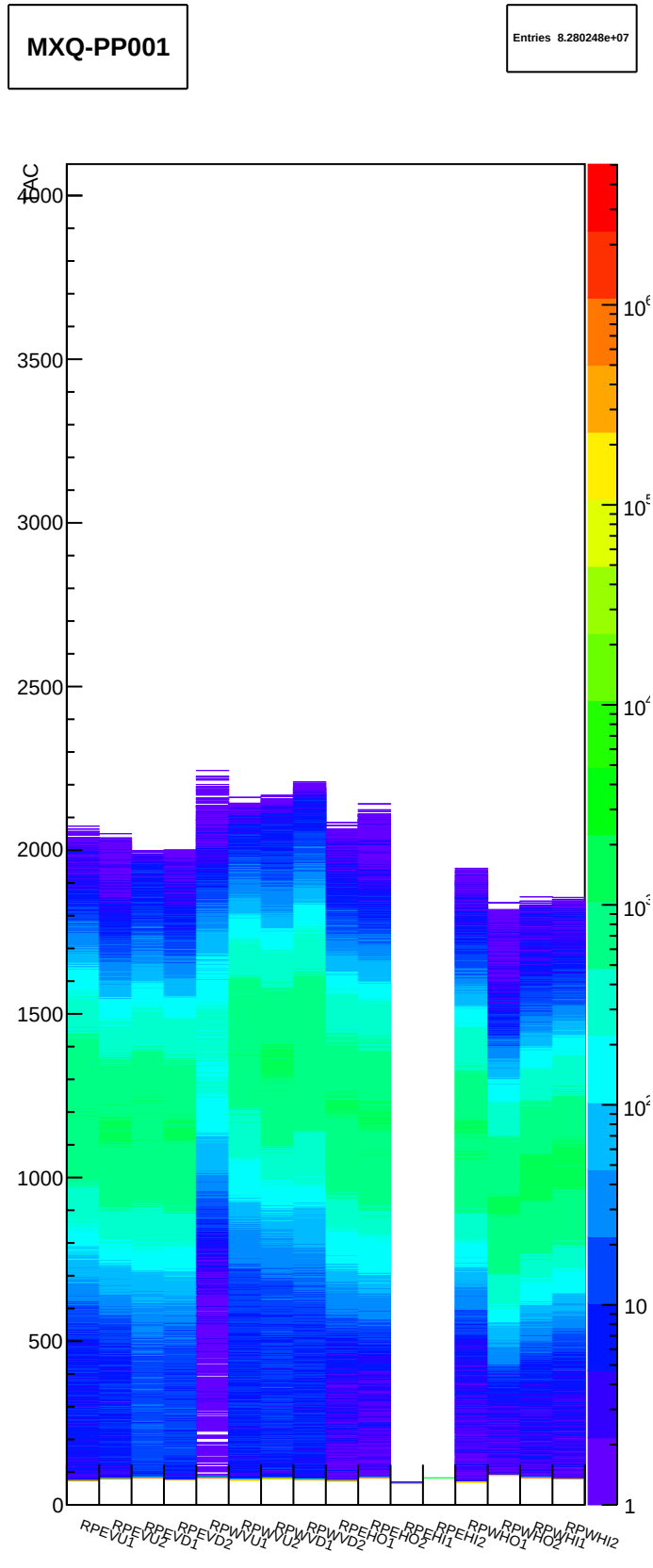

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.035031e+07
TAC sum
1st-Best
2nd-Best
ID

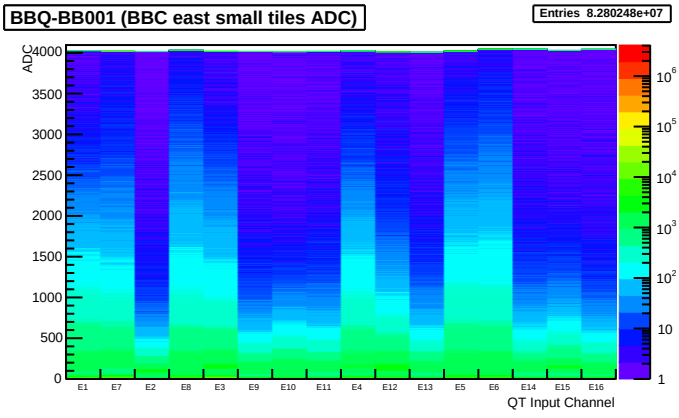

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.035031e+07
TAC sum
1st-Best
2nd-Best
ID

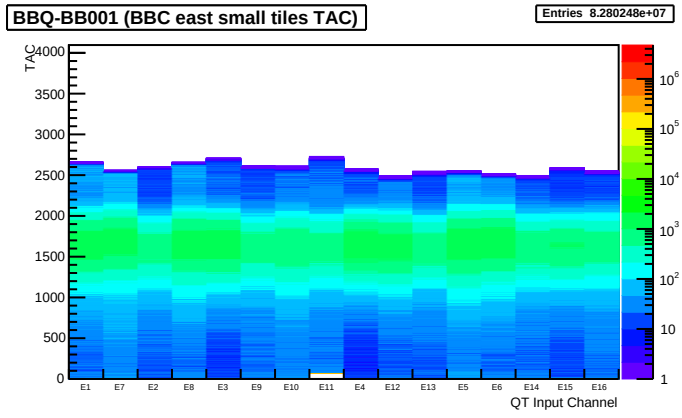

MIX-MT101 Input: VP003 Max TAC
Entries 5175155

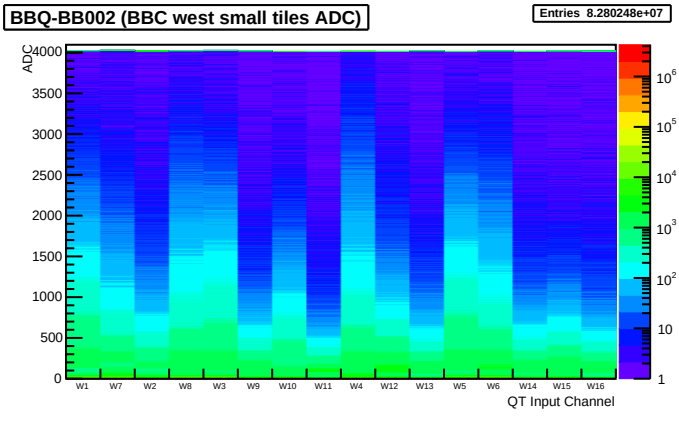

MIX-MT101 Input: VP004 Max TAC
Entries 5175155

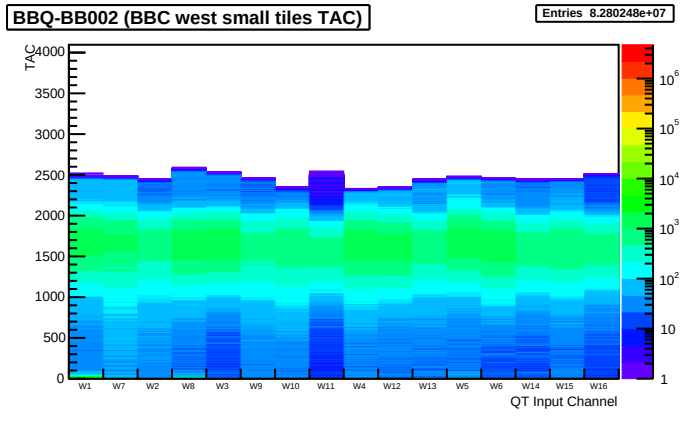

MXQ-PP001
Entries 8.280248e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
$10^6$
$10^5$
$10^4$
$10^3$
$10^2$
10
1

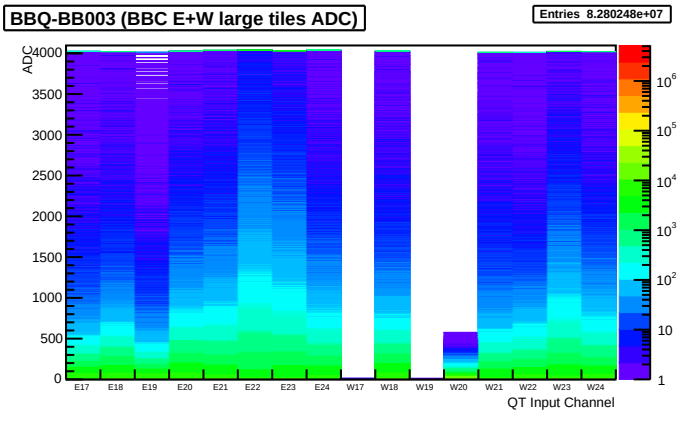

MXQ-PP001
Entries 8.280248e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
$10^6$
$10^5$
$10^4$
$10^3$
$10^2$
10
1

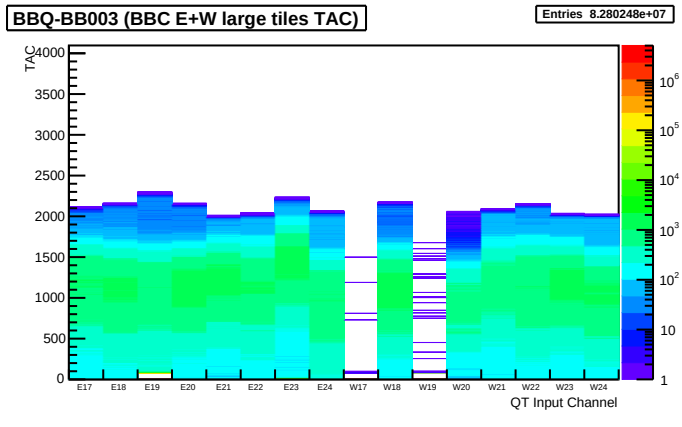

BBQ-BB001 (BBC east small tiles ADC)
Entries 8.280248e+07
ADC
QT Input Channel

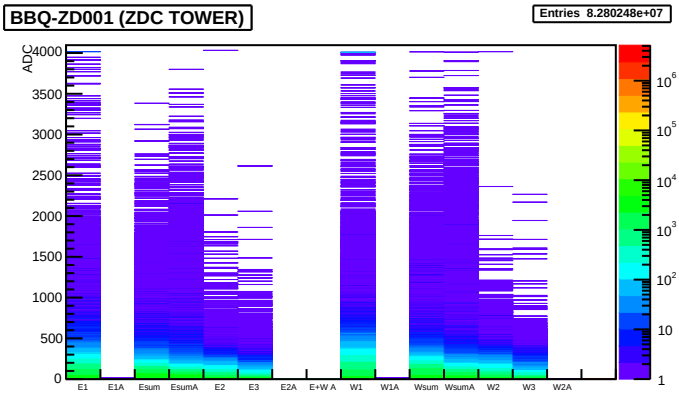

BBQ-BB001 (BBC east small tiles TAC)
Entries 8.280248e+07
TAC
QT Input Channel

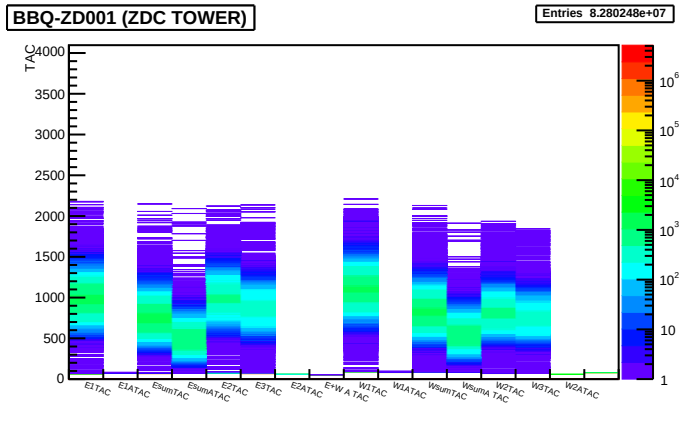

BBQ-BB002 (BBC west small tiles ADC)
Entries 8.280248e+07
ADC
QT Input Channel

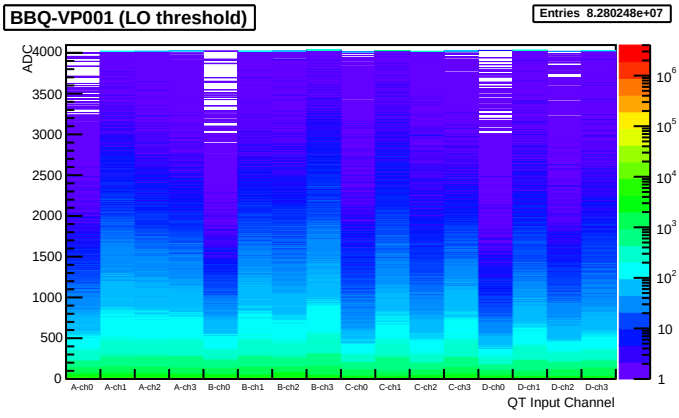

BBQ-BB002 (BBC west small tiles TAC)
Entries 8.280248e+07
TAC
QT Input Channel

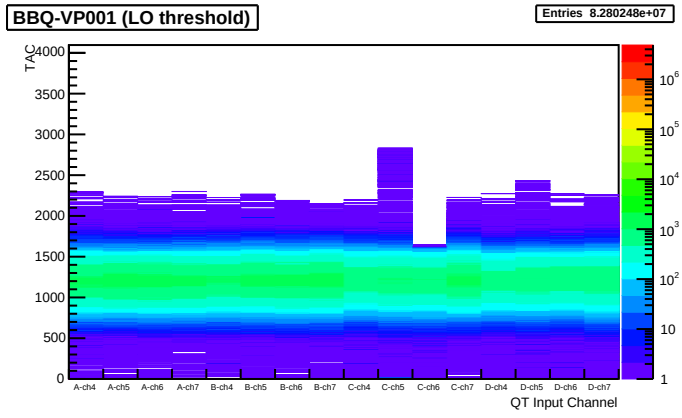

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 8.280248e+07
ADC
QT Input Channel

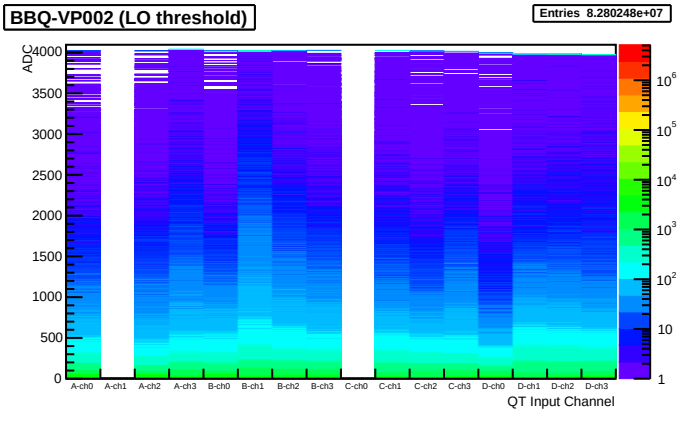

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 8.280248e+07
TAC
QT Input Channel

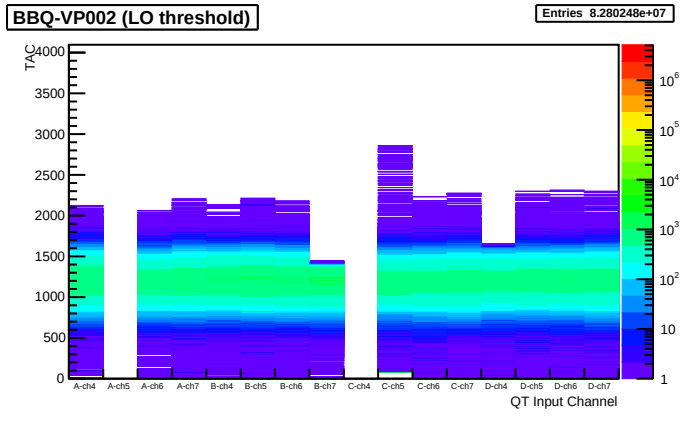

BBQ-ZD001 (ZDC TOWER)
Entries 8.280248e+07
ADC

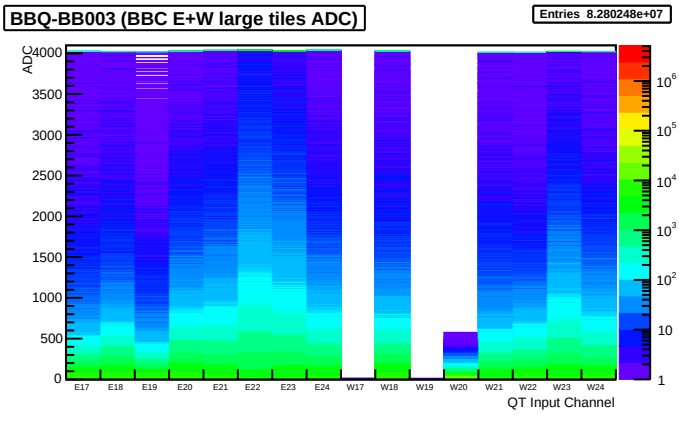

BBQ-ZD001 (ZDC TOWER)
Entries 8.280248e+07
TAC

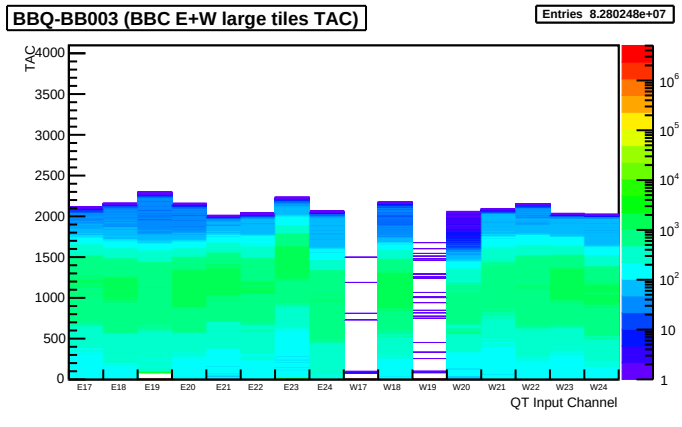

BBQ-VP001 (LO threshold)
Entries 8.280248e+07
ADC
QT Input Channel

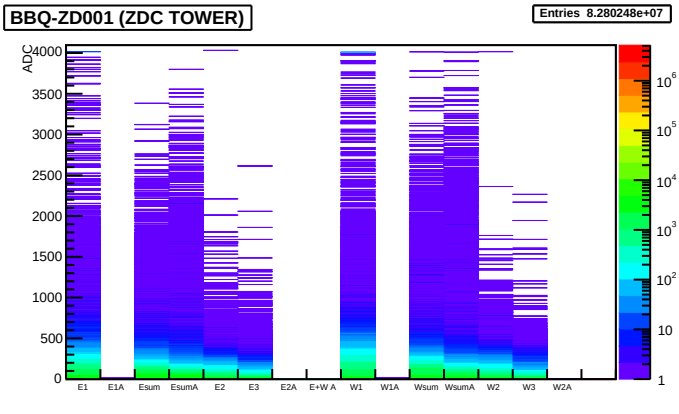

BBQ-VP001 (LO threshold)
Entries 8.280248e+07
TAC
QT Input Channel

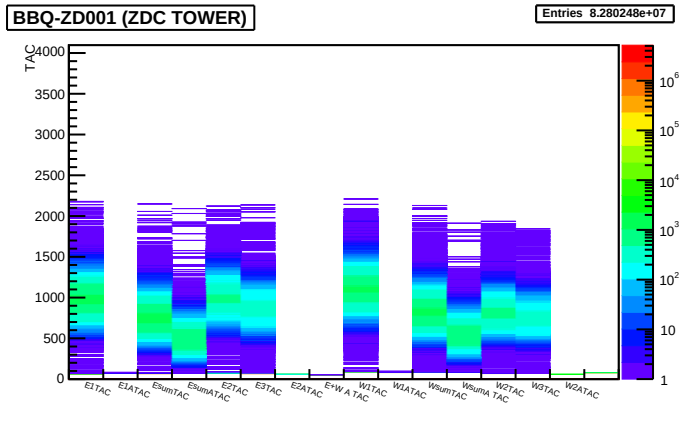

BBQ-VP002 (LO threshold)
Entries 8.280248e+07
ADC
QT Input Channel

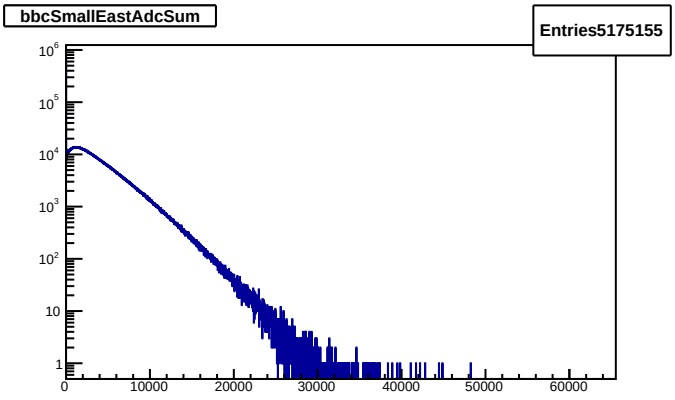

BBQ-VP002 (LO threshold)
Entries 8.280248e+07
TAC
QT Input Channel

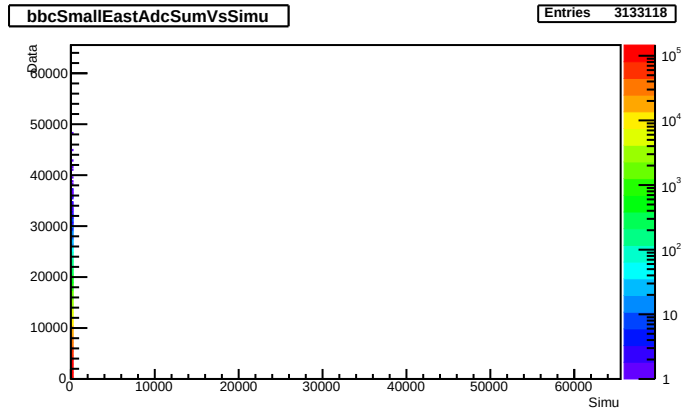

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 8.280248e+07
ADC
QT Input Channel

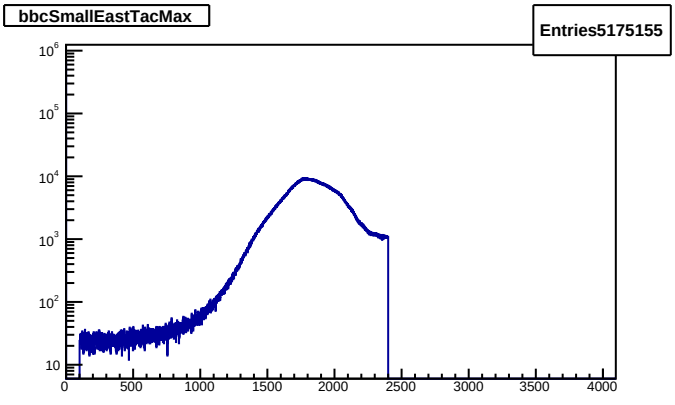

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 8.280248e+07
TAC
QT Input Channel

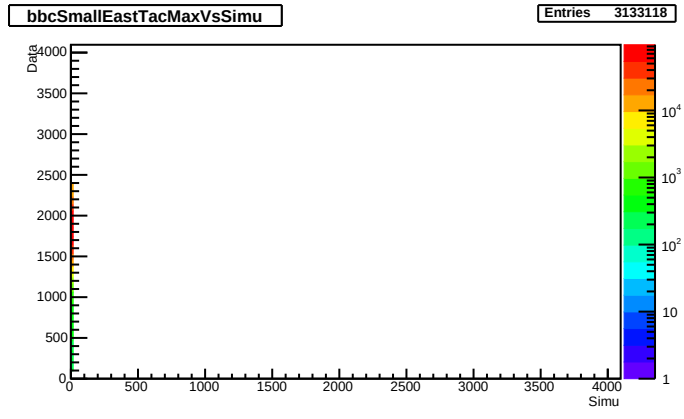

BBQ-ZD001 (ZDC TOWER)
Entries 8.280248e+07
ADC

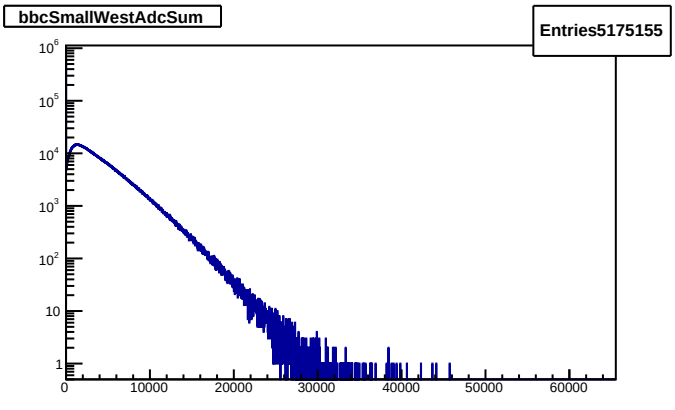

BBQ-ZD001 (ZDC TOWER)
Entries 8.280248e+07
TAC

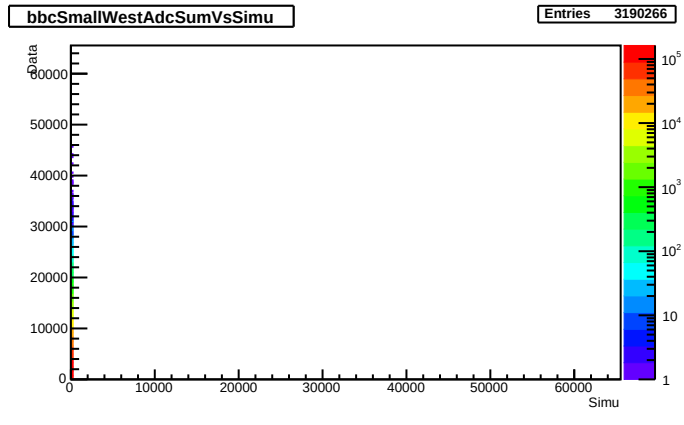

bbcSmallEastAdcSum
Entries5175155

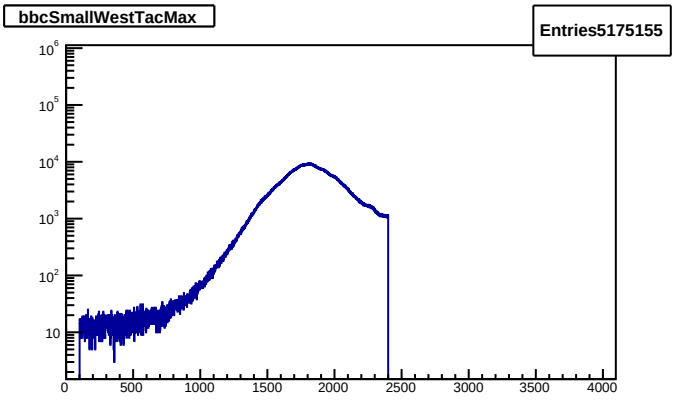

bbcSmallEastAdcSumVsSimu
Entries 3133118
Data
Simu

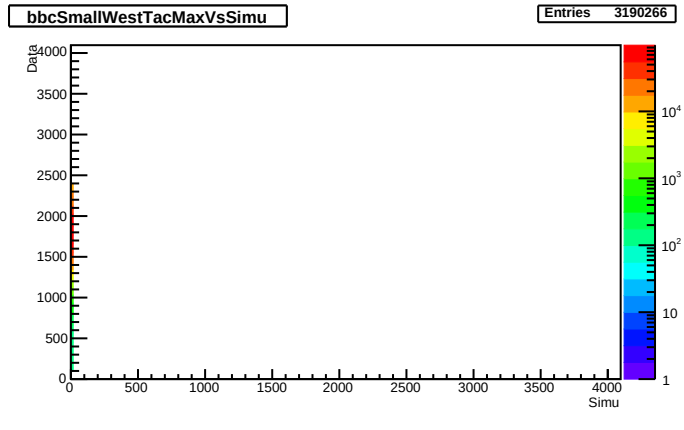

bbcSmallEastTacMax
Entries5175155

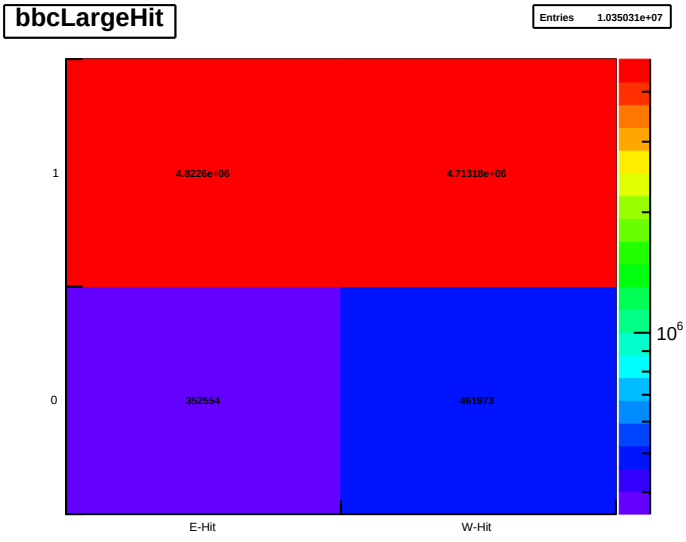

bbcSmallEastTacMaxVsSimu
Entries 3133118
Data
Simu

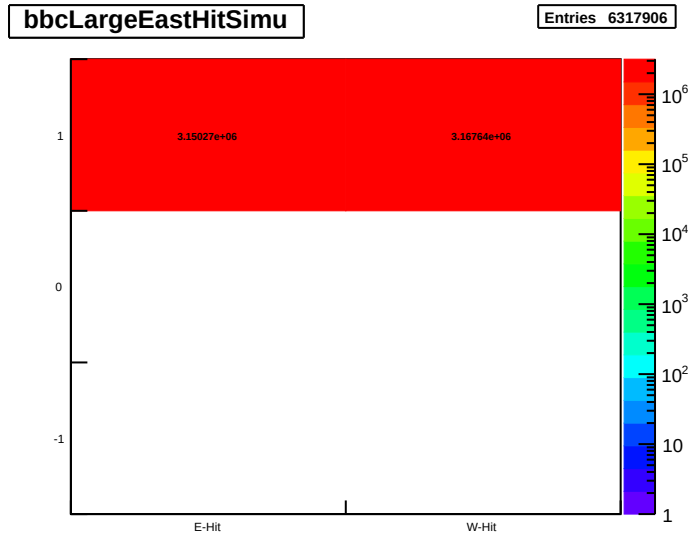

bbcSmallWestAdcSum
Entries5175155

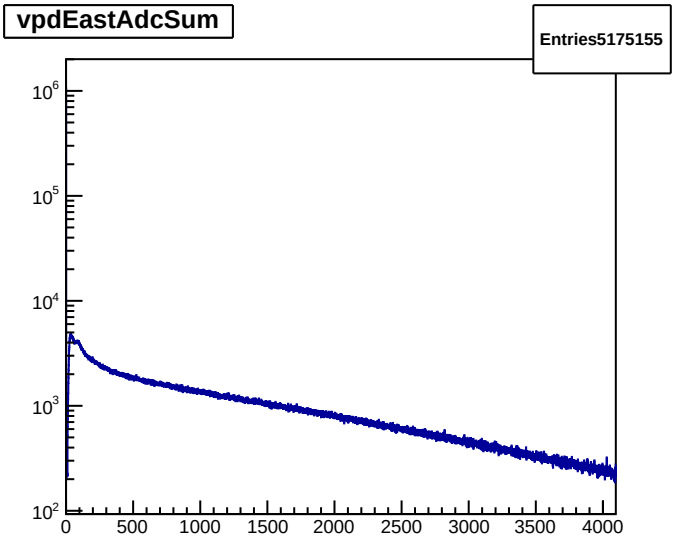

bbcSmallWestAdcSumVsSimu
Entries 3190266
Data
Simu

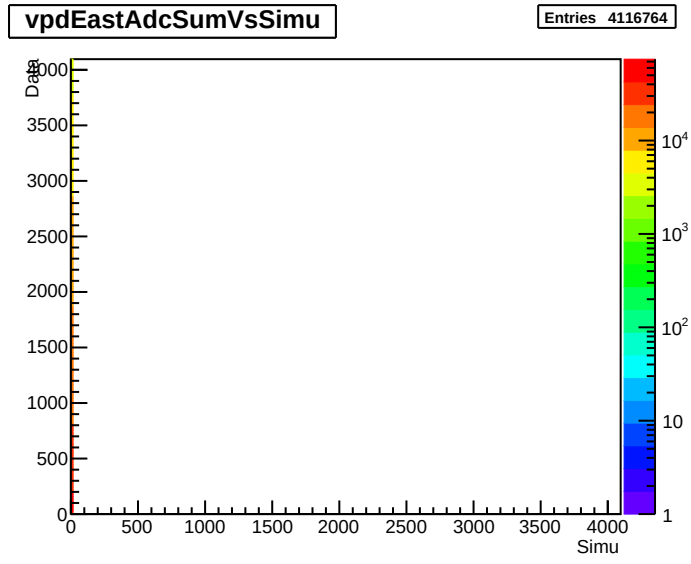

bbcSmallWestTacMax
Entries5175155

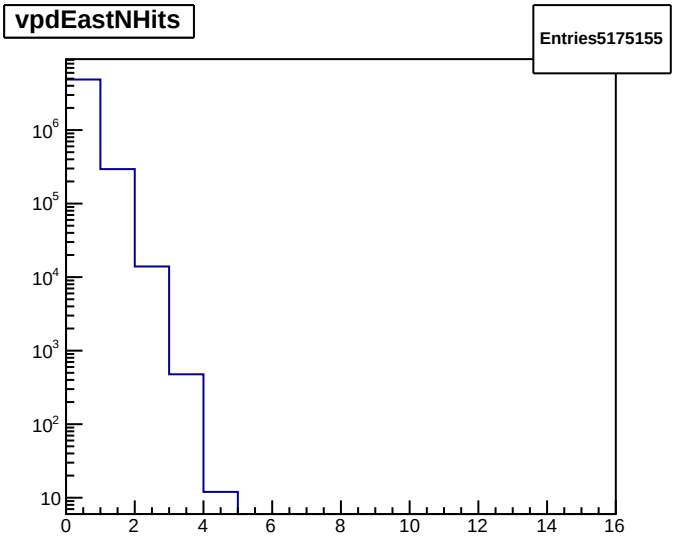

bbcSmallWestTacMaxVsSimu
Entries 3190266
Data
Simu

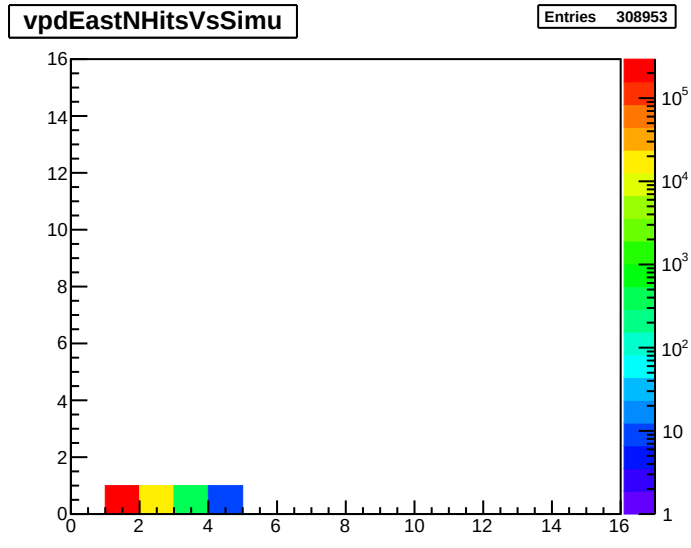

bbcLargeHit
Entries 1.035031e+07
1
0
4.8226e+06
4.71318e+06
352554
461973
E-Hit
W-Hit
$10^6$

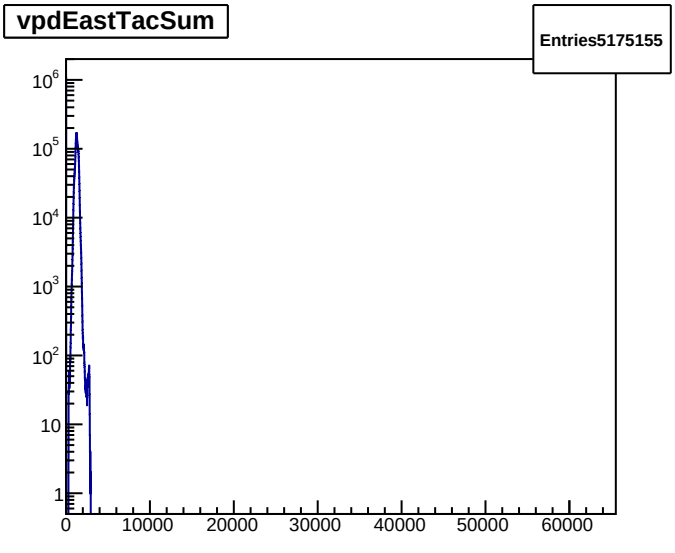

bbcLargeEastHitSimu
Entries 6317906
1
0
-1
3.15027e+06
3.16764e+06
E-Hit
W-Hit
$10^6$
$10^5$
$10^4$
$10^3$
$10^2$
10
1

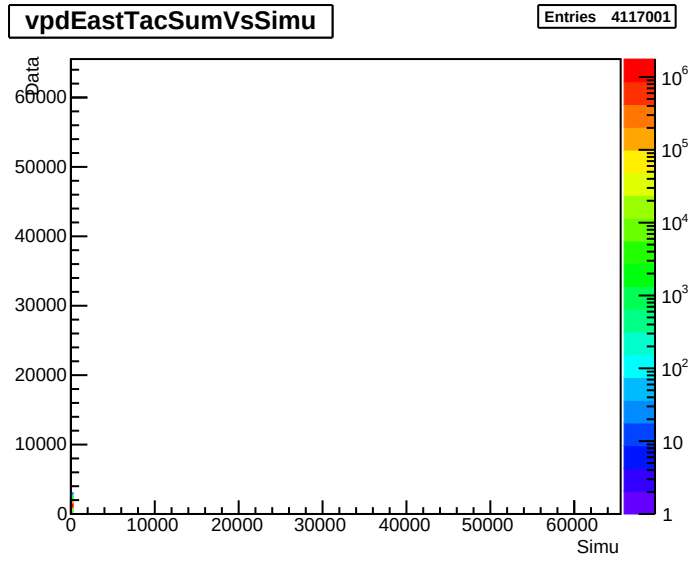

vpdEastAdcSum
Entries5175155

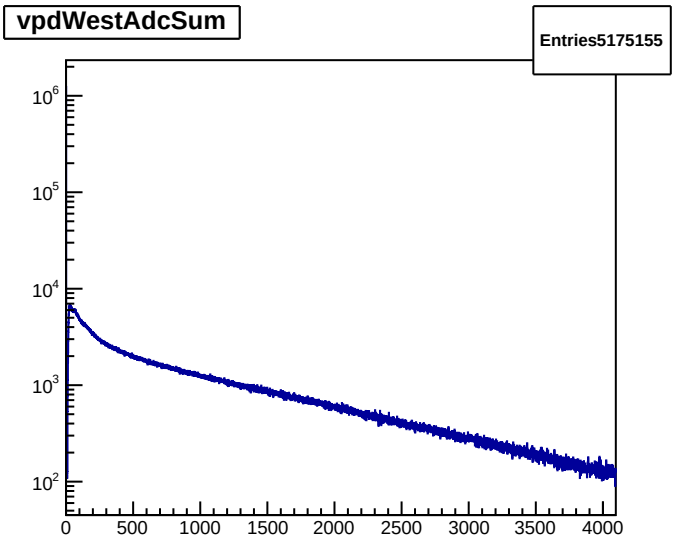

vpdEastAdcSumVsSimu
Entries 4116764
Data
Simu

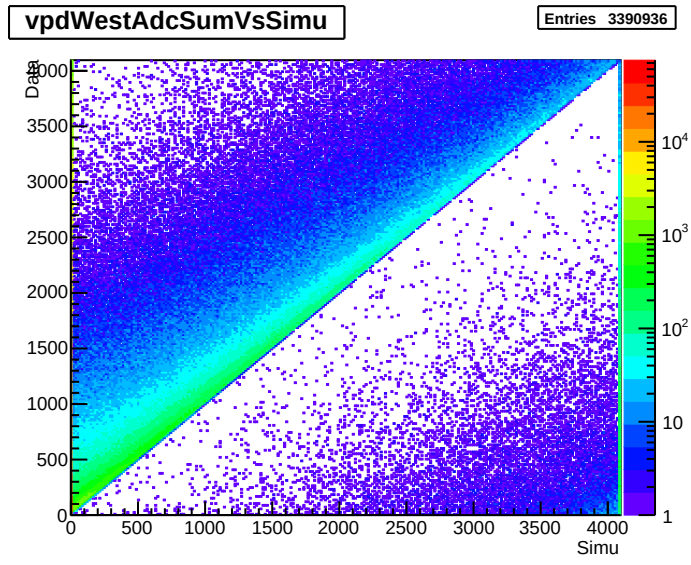

vpdEastNHits
Entries5175155

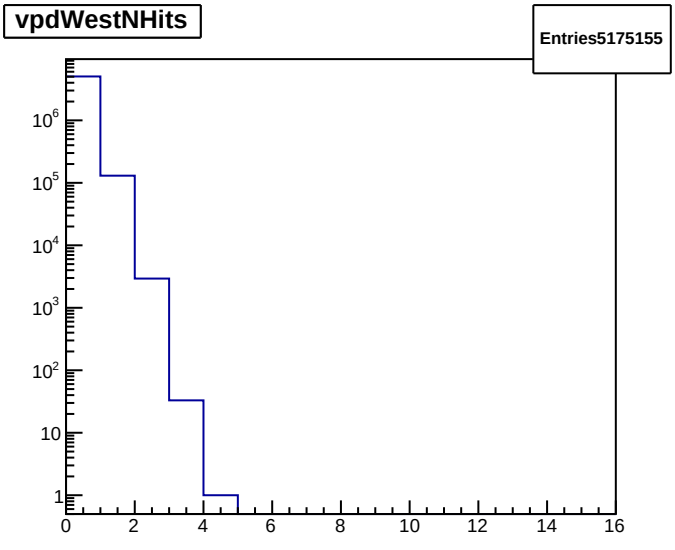

vpdEastNHitsVsSimu
Entries 308953

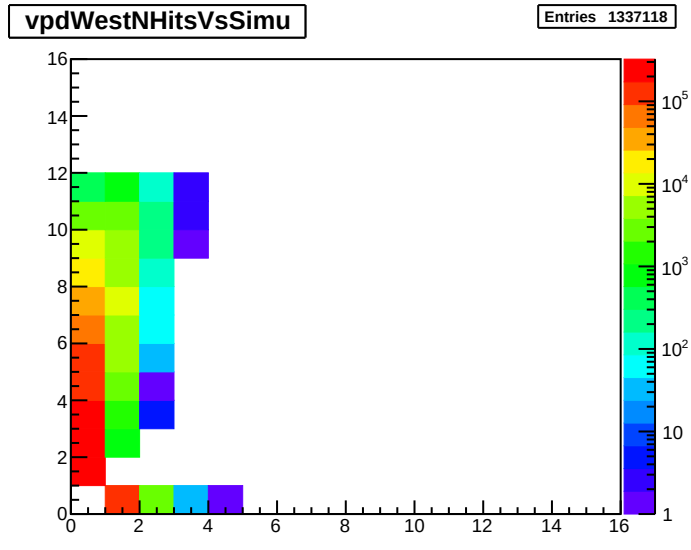

vpdEastTacSum
Entries5175155

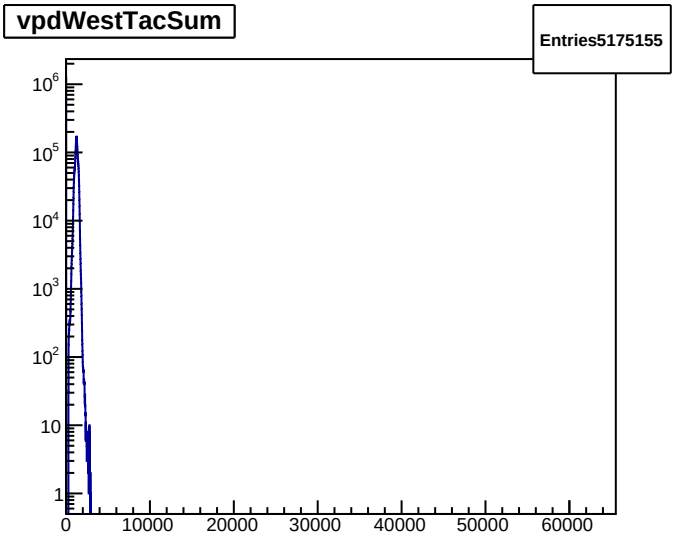

vpdEastTacSumVsSimu
Entries 4117001
Data
Simu

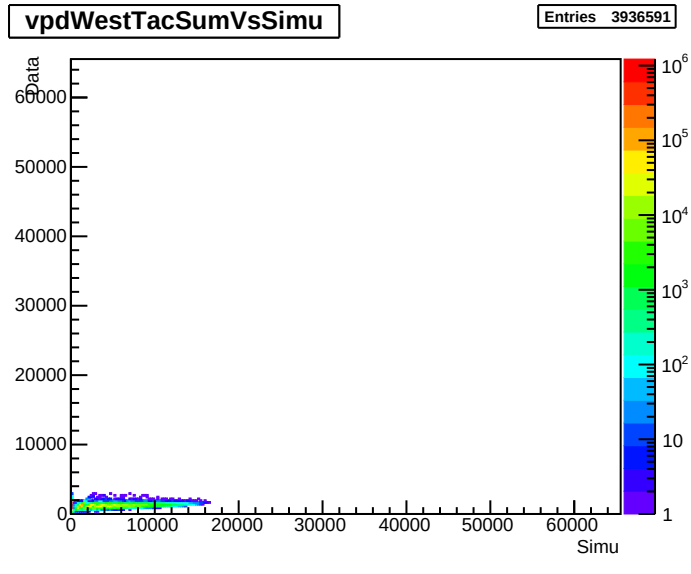

vpdWestAdcSum
Entries5175155

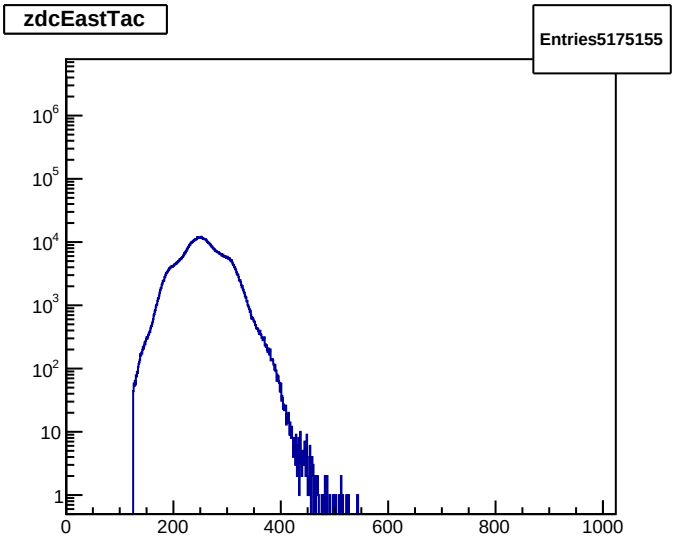

vpdWestAdcSumVsSimu
Entries 3390936
Data
Simu

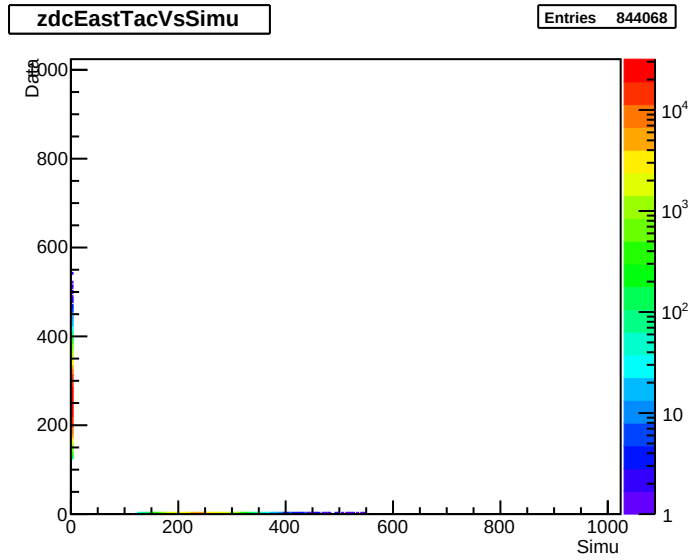

vpdWestNHits
Entries5175155

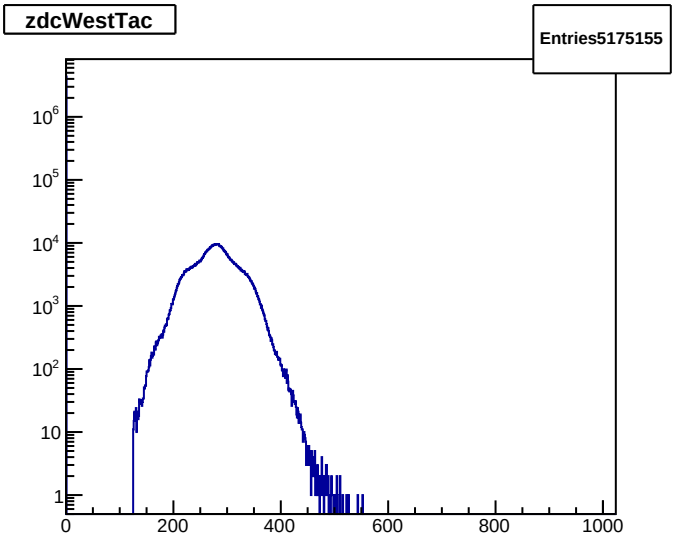

vpdWestNHitsVsSimu
Entries 1337118

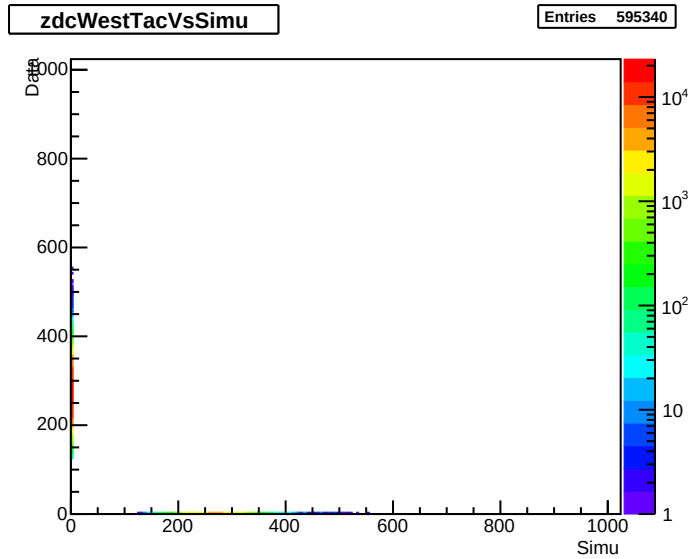

vpdWestTacSum
Entries5175155

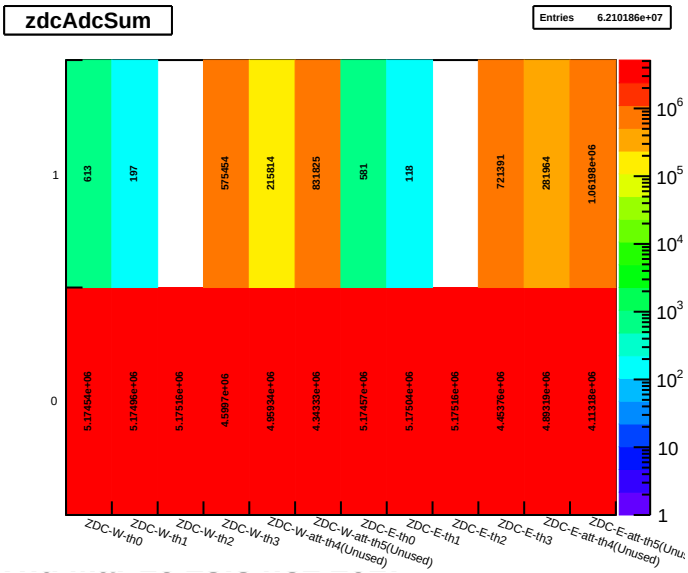

vpdWestTacSumVsSimu
Entries 3936591
Data
Simu

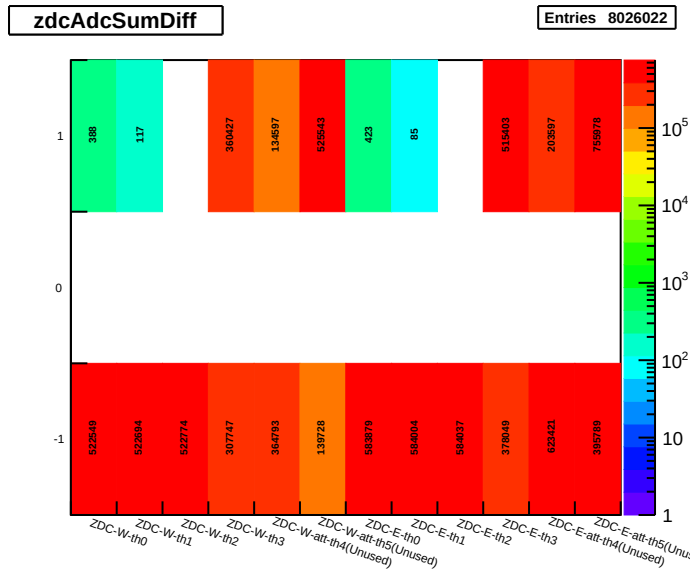

zdcEastTac
Entries5175155

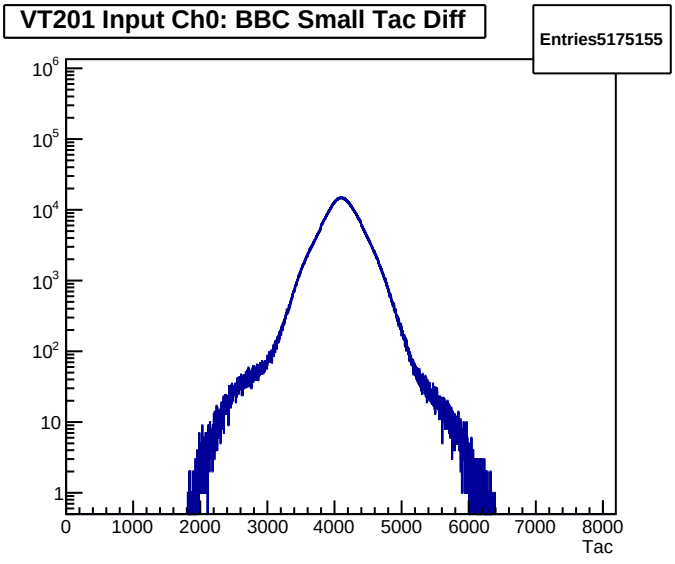

zdcEastTacVsSimu
Entries 844068
Data
Simu

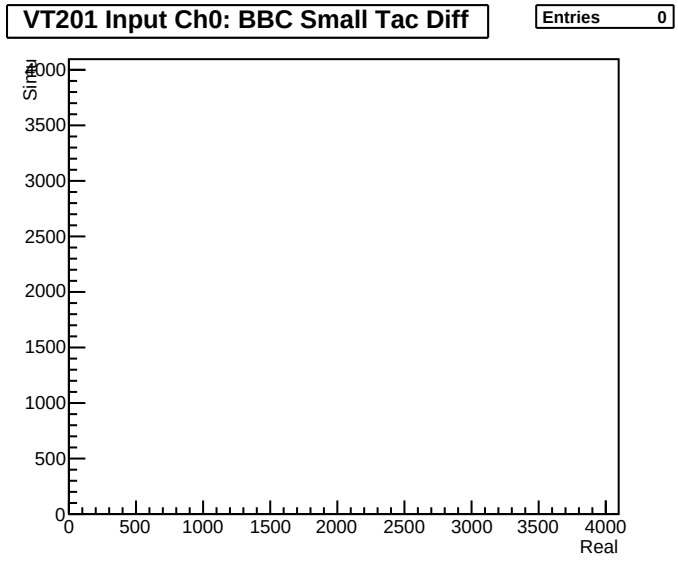

zdcWestTac
Entries5175155

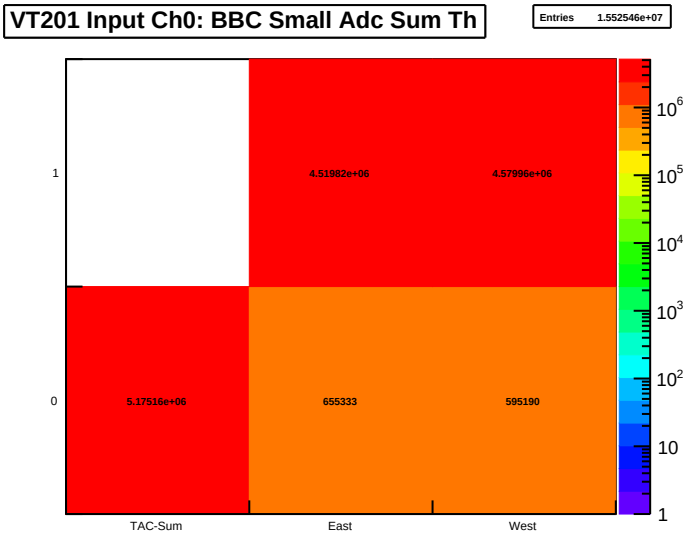

zdcWestTacVsSimu
Entries 595340
Data
Simu

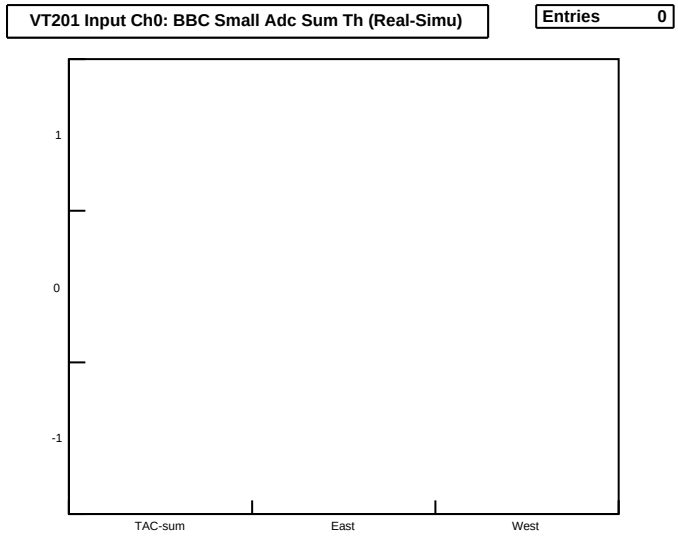

zdcAdcSum
Entries 6.210186e+07
613
197
575454
215814
831825
581
118
721391
281964
1.06198e+06
5.17454e+06
5.17496e+05
5.17516e+06
4.5997e+06
4.85934e+06
4.34333e+06
5.17457e+06
5.17504e+06
5.17516e+05
4.46376e+06
4.88319e+06
4.11318e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

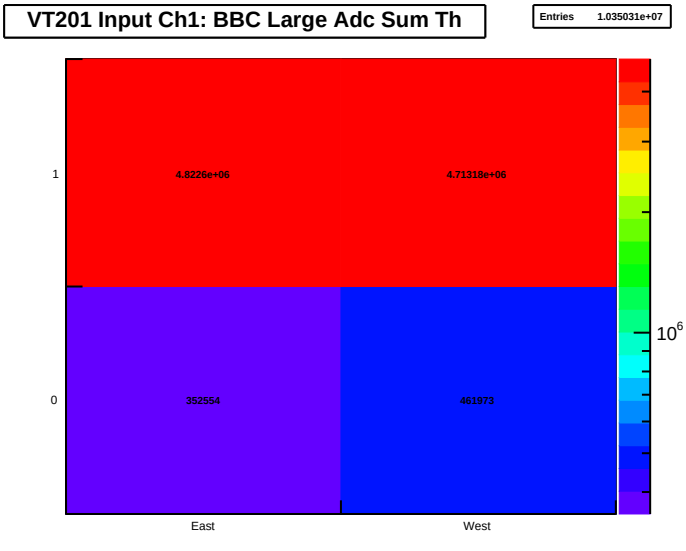

zdcAdcSumDiff
Entries 8026022
388
117
360427
134597
525543
423
85
515403
203597
755978
522549
522694
522774
307747
364793
139728
583879
584004
584037
378049
623421
395789
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

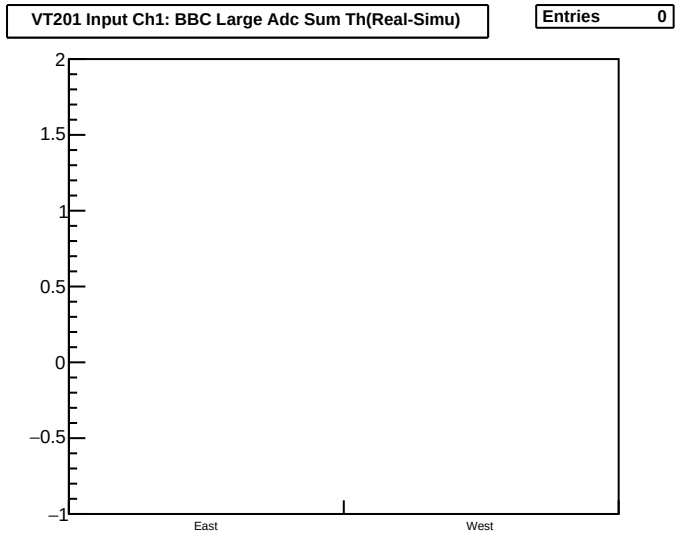

VT201 Input Ch0: BBC Small Tac Diff
Entries5175155
Tac


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

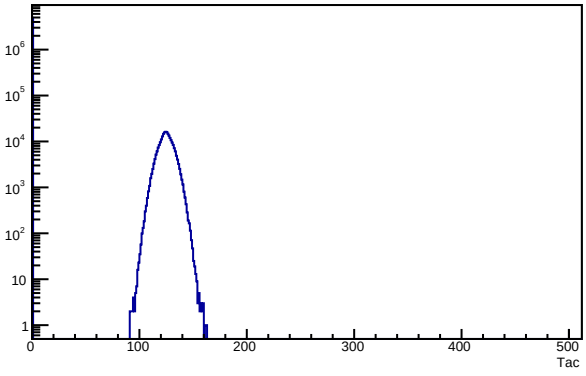

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.552546e+07
4.51982e+06
4.57996e+06
5.17516e+06
655333
595190
TAC-Sum
East
West


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

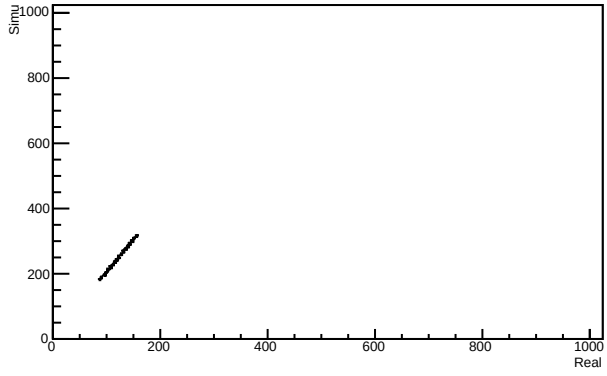

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.035031e+07
4.8226e+06
4.71318e+06
352554
461973
East
West


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

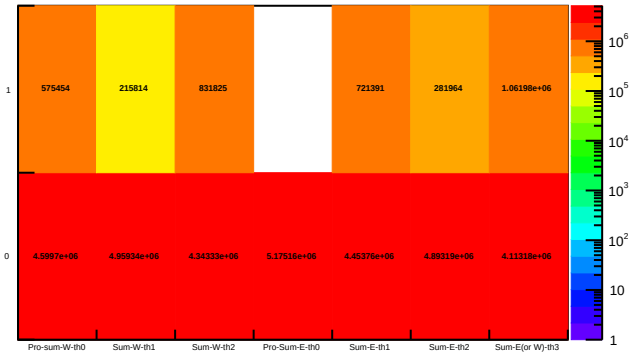
**VT201 Input Ch2: ZDC Tac Diff**



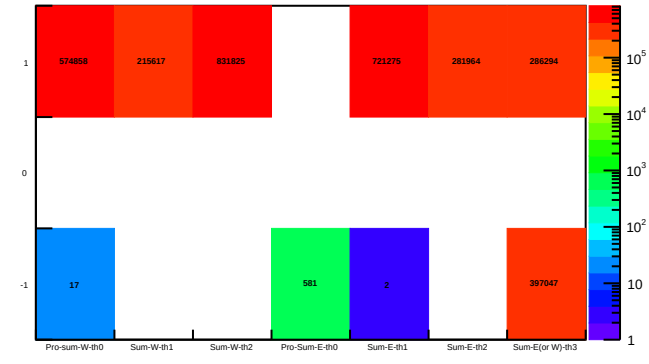

**VT201 Input Ch2: ZDC Tac Diff**



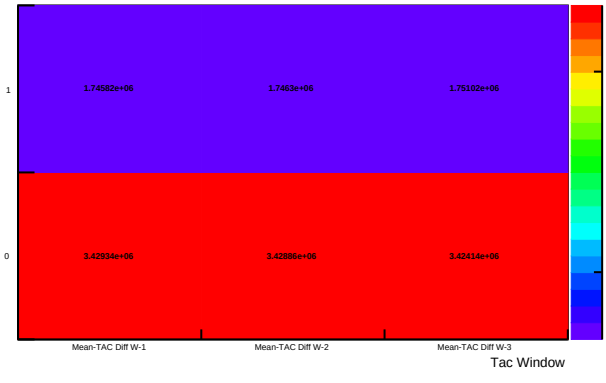

**VT201 Input Ch2: ZDC Adc Sum Th**



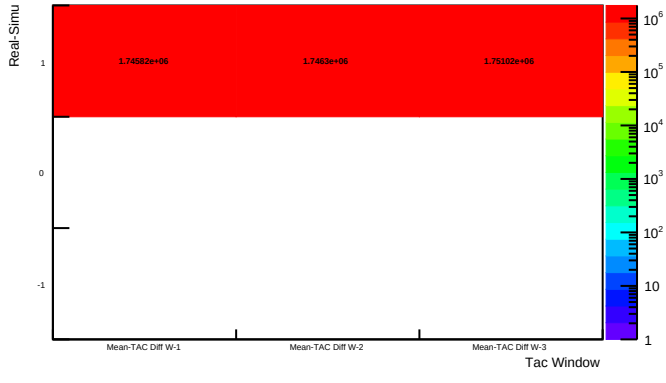

**VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)**



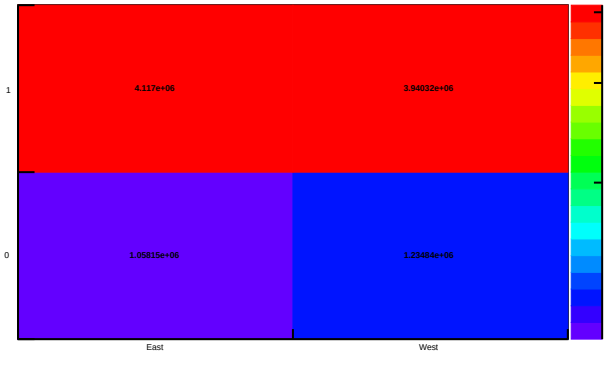

**VT201 Input Ch4: VPD Tac Diff**



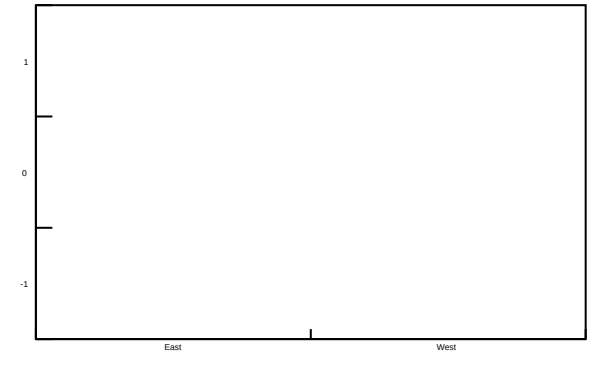

**VT201 Input Ch4: VPD Tac Diff**

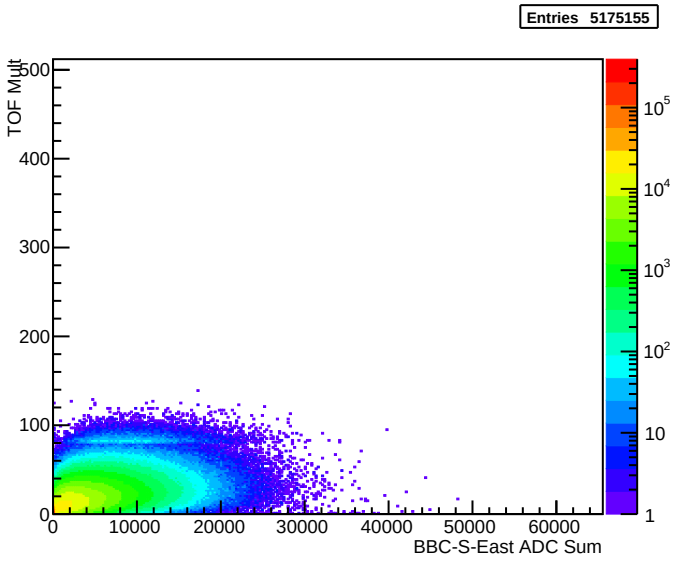


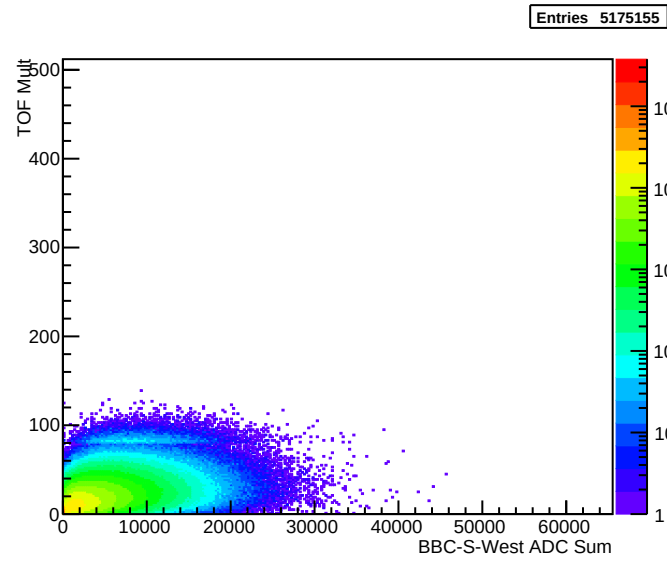

**VT201 Input Ch4: VPD Adc Sum Th**

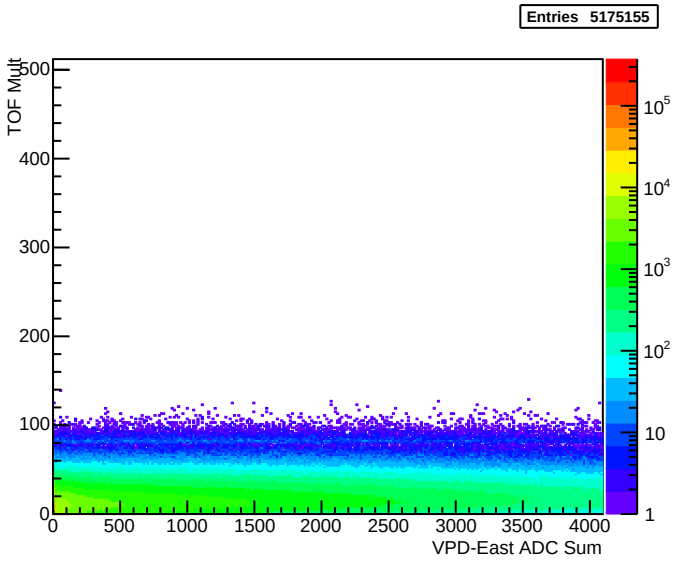


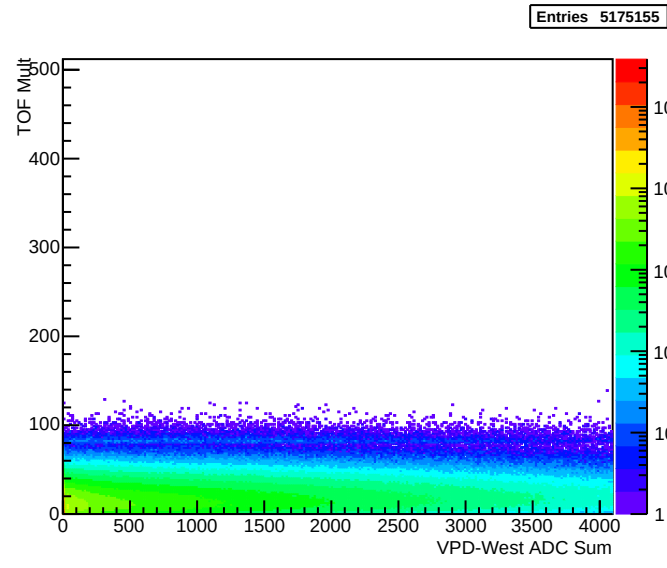

**VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)**

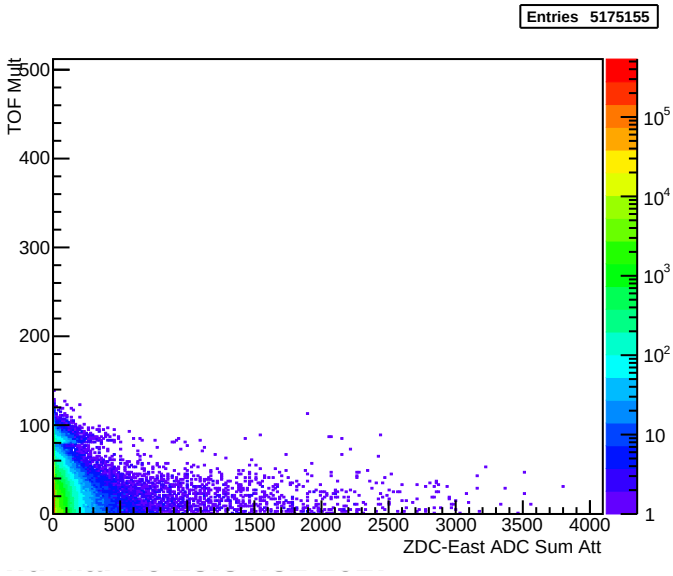


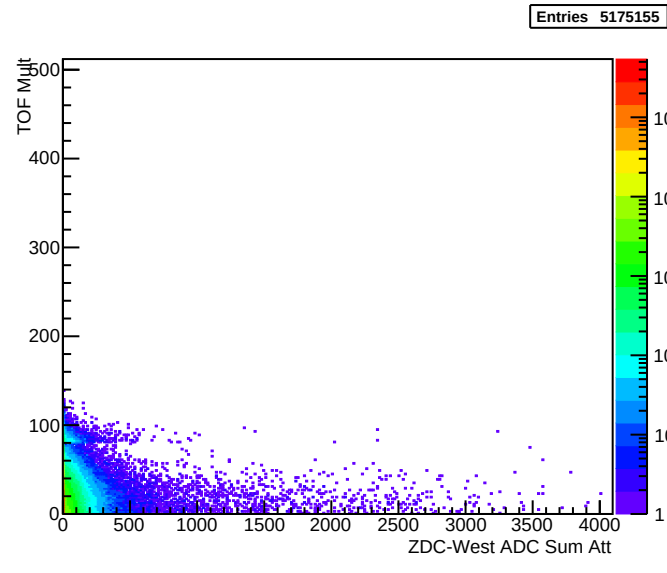

Entries 5175155
TOF Mult
BBC-S-East ADC Sum

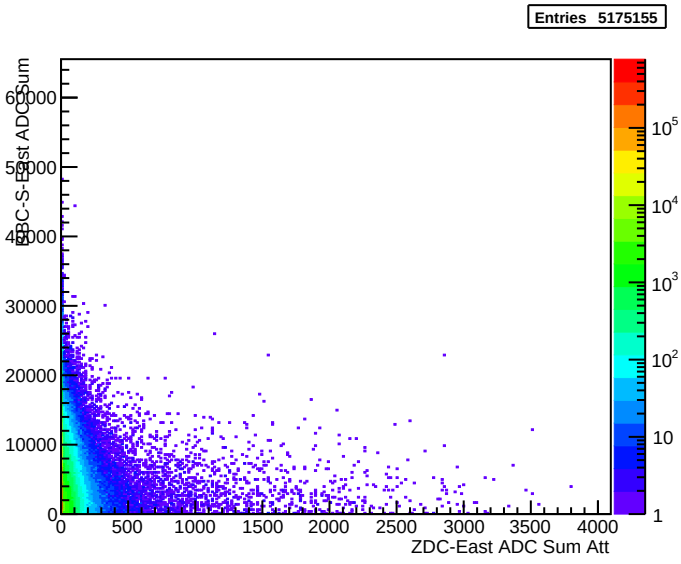

Entries 5175155
TOF Mult
BBC-S-West ADC Sum

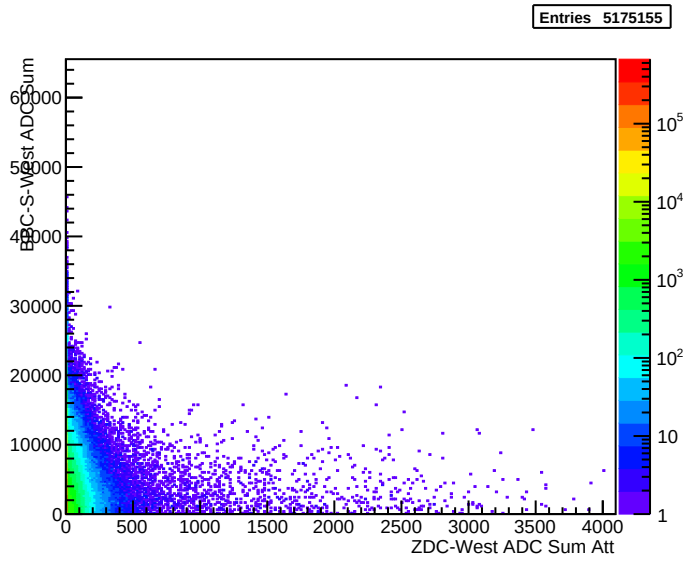

Entries 5175155
TOF Mult
VPD-East ADC Sum

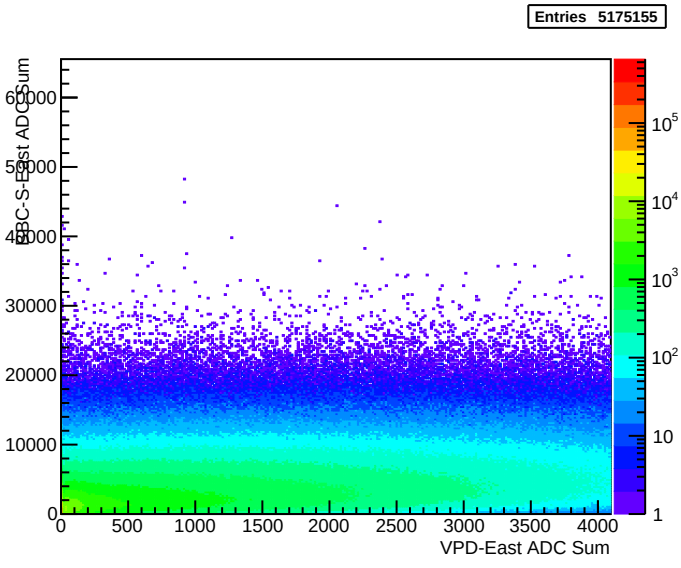

Entries 5175155
TOF Mult
VPD-West ADC Sum

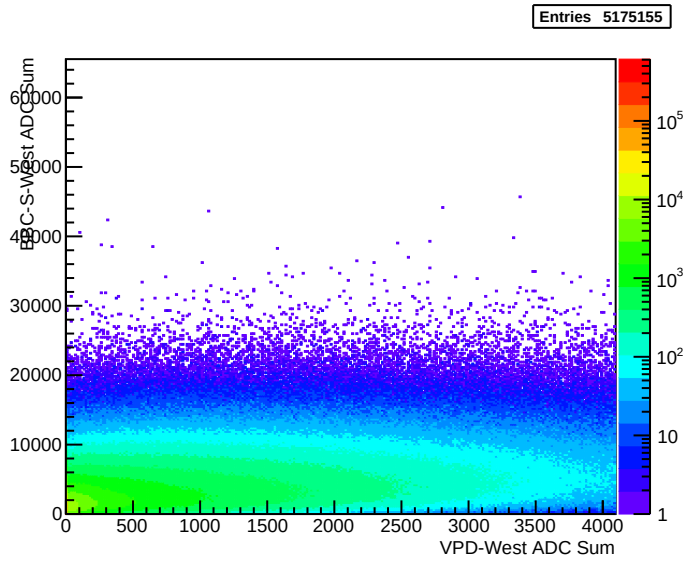

Entries 5175155
TOF Mult
ZDC-East ADC Sum Att

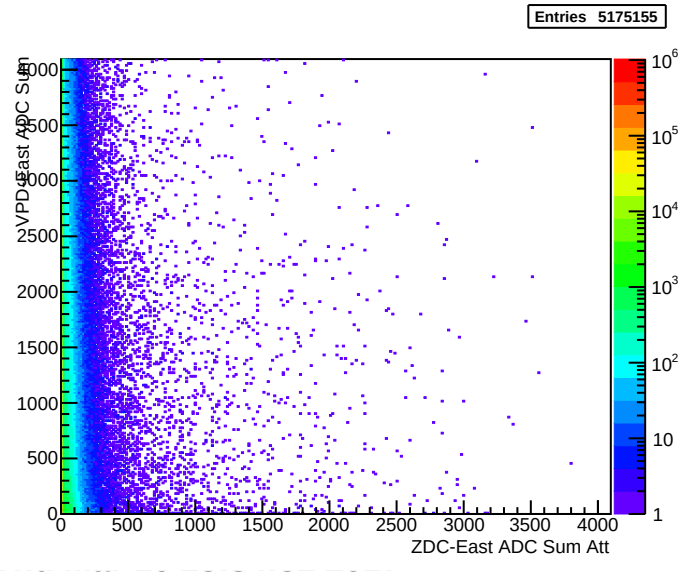

Entries 5175155
TOF Mult
ZDC-West ADC Sum Att

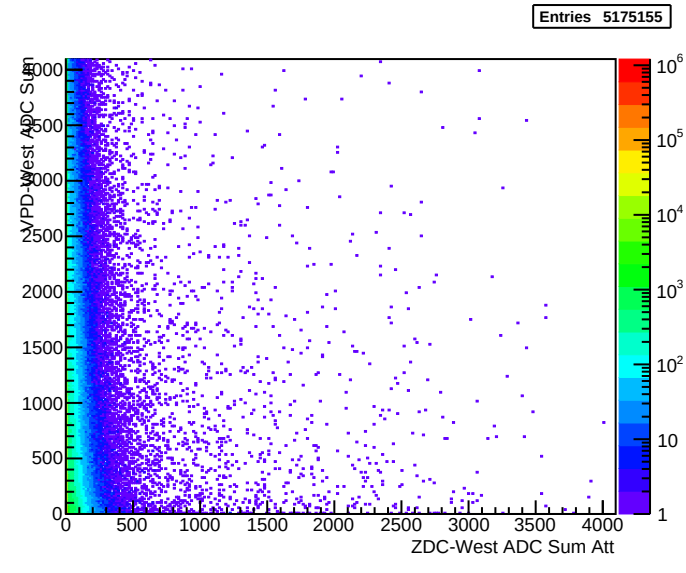

Entries 5175155
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

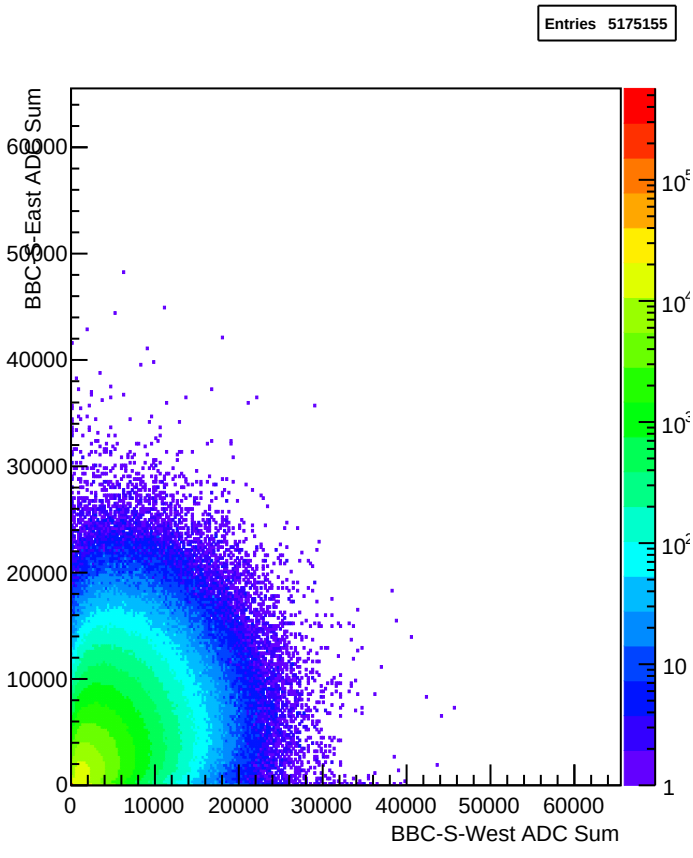

Entries 5175155
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

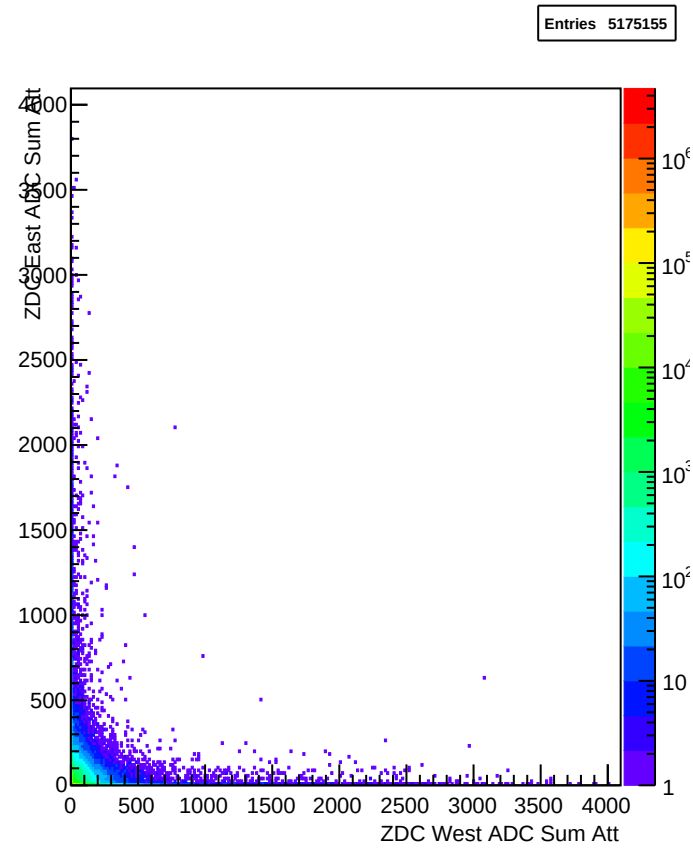

Entries 5175155
BBC-S-East ADC Sum
VPD-East ADC Sum

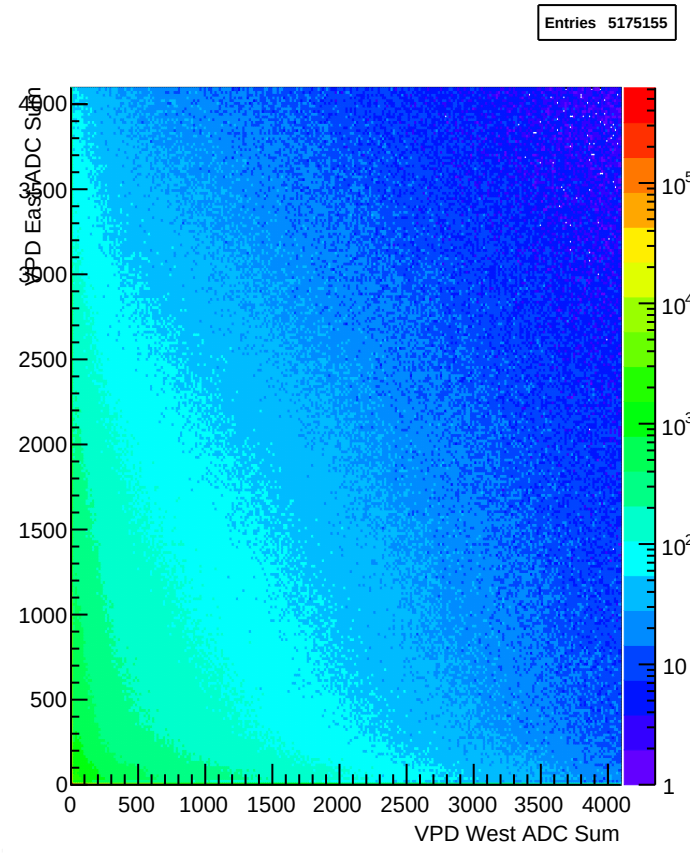

Entries 5175155
BBC-S-West ADC Sum
VPD-West ADC Sum

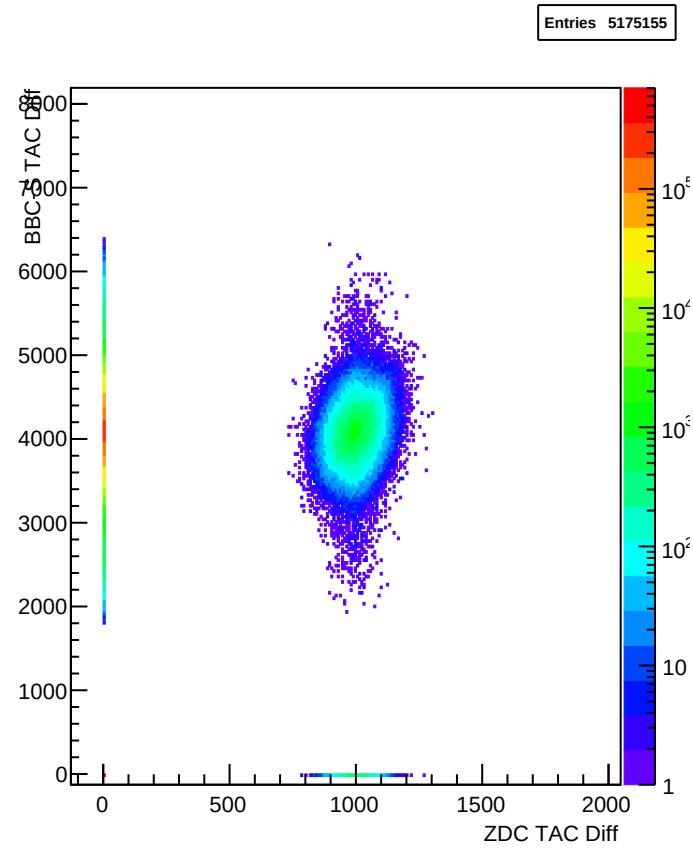

Entries 5175155
VPD-East ADC Sum
ZDC-East ADC Sum Att

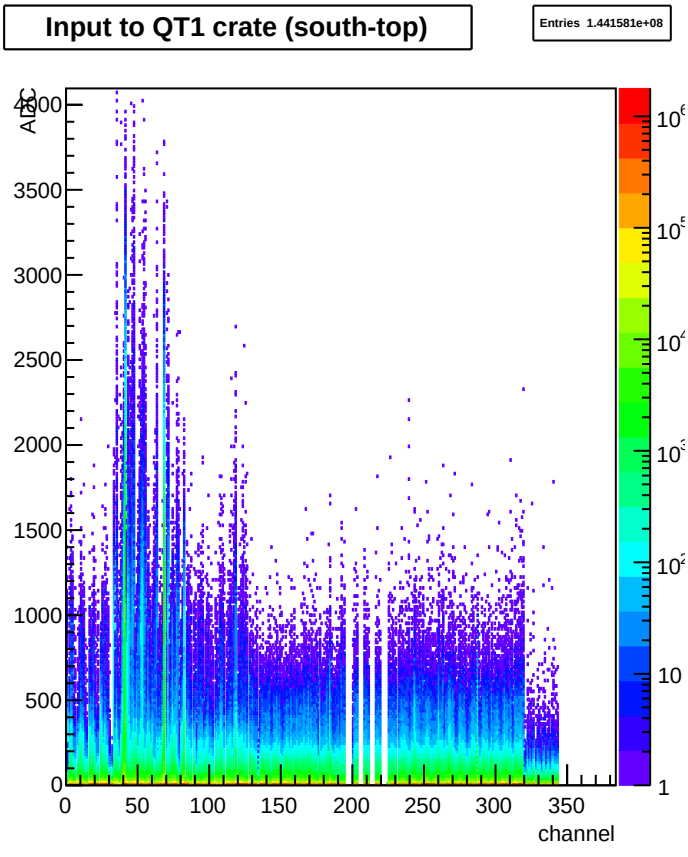

Entries 5175155
VPD-West ADC Sum
ZDC-West ADC Sum Att

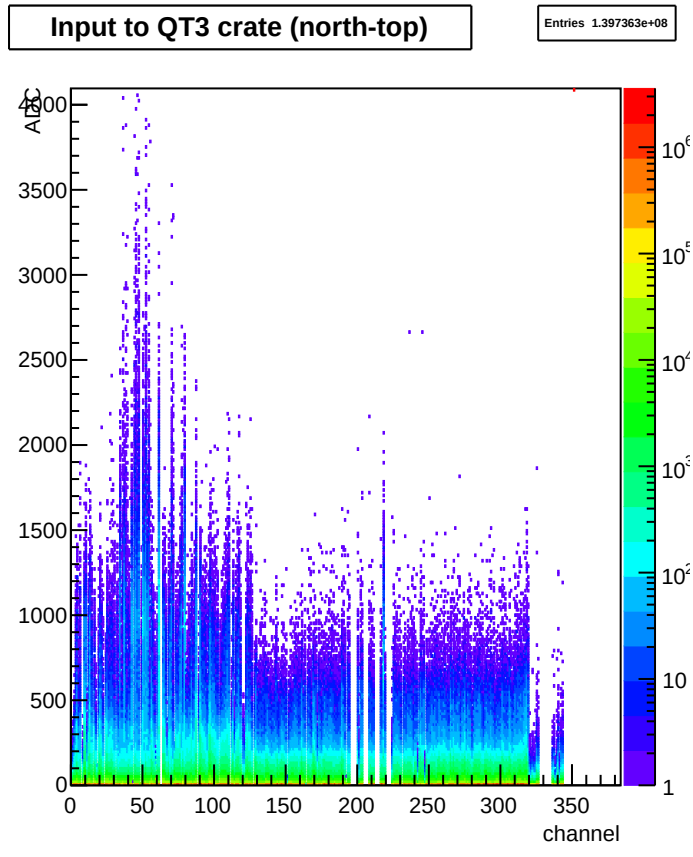

Entries 5175155
BBC-S-East ADC Sum
BBC-S-West ADC Sum

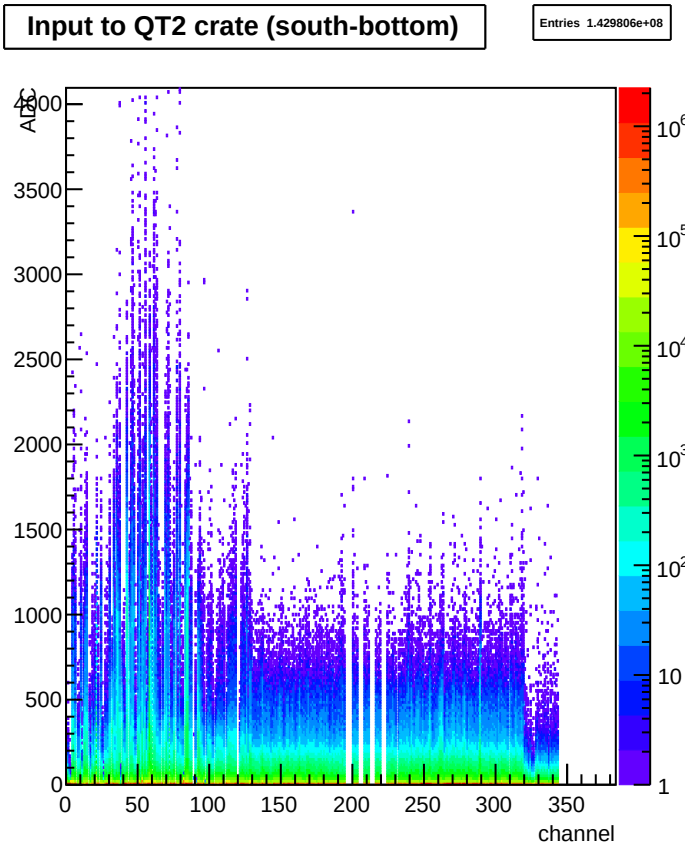

Entries 5175155
ZDC East ADC Sum Att
ZDC West ADC Sum Att

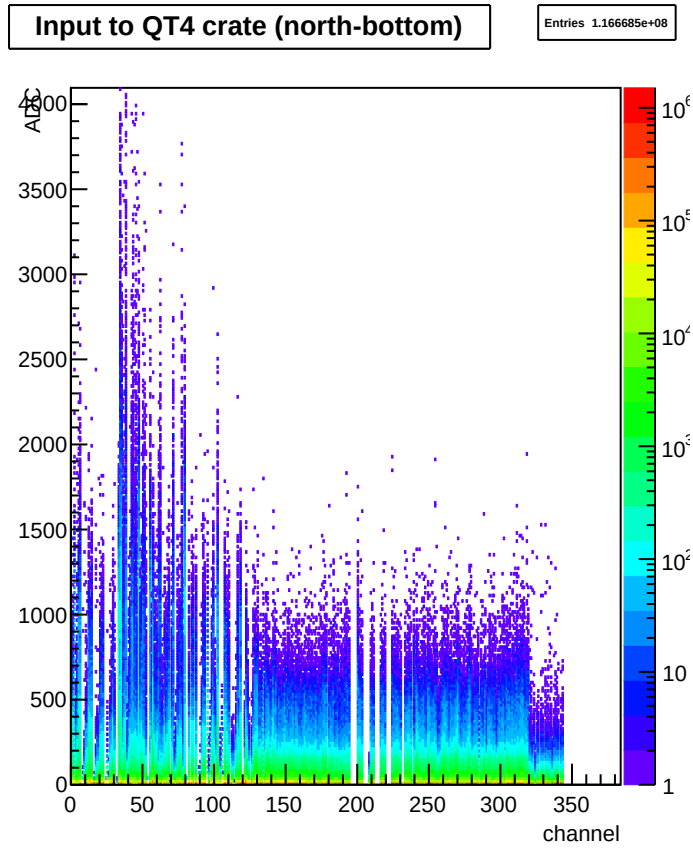

Entries 5175155
VPD East ADC Sum
VPD West ADC Sum

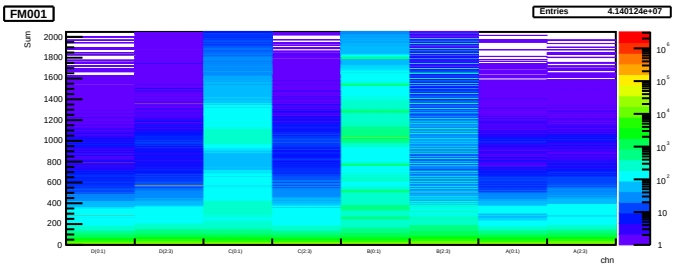

Entries 5175155
BBC-S TAC Diff
ZDC TAC Diff

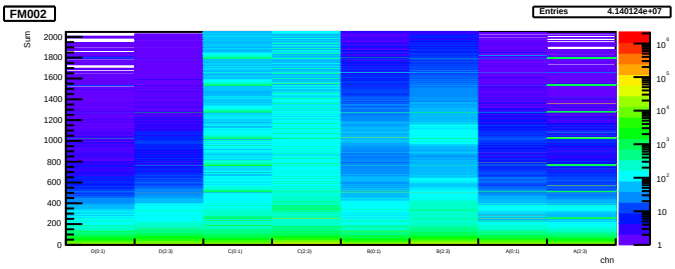

Input to QT1 crate (south-top)
Entries 1.441581e+08
ADC
channel

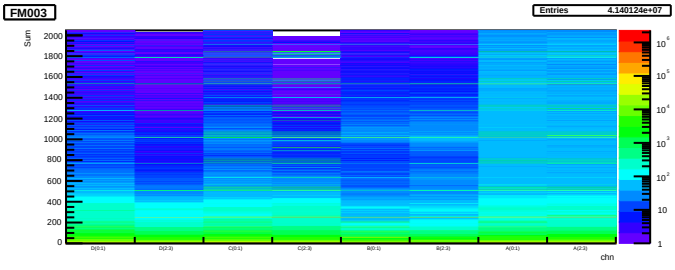

Input to QT3 crate (north-top)
Entries 1.397363e+08
ADC
channel

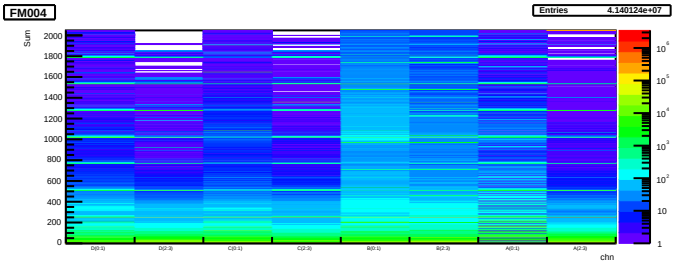

Input to QT2 crate (south-bottom)
Entries 1.429806e+08
ADC
channel

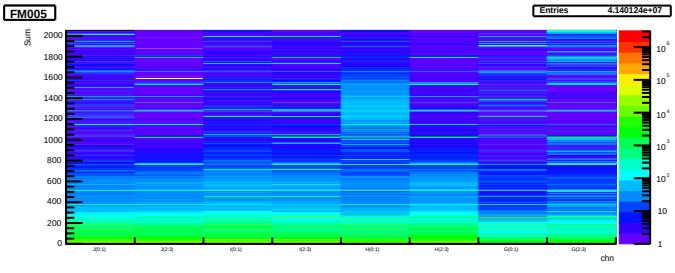

Input to QT4 crate (north-bottom)
Entries 1.166685e+08
ADC
channel

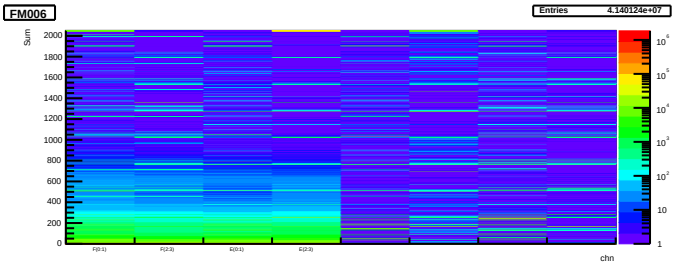

FM001
Entries 4.140124e+07
Sum
chn

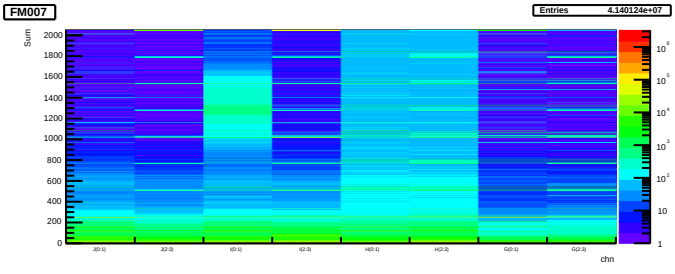

FM002
Entries 4.140124e+07
Sum
chn

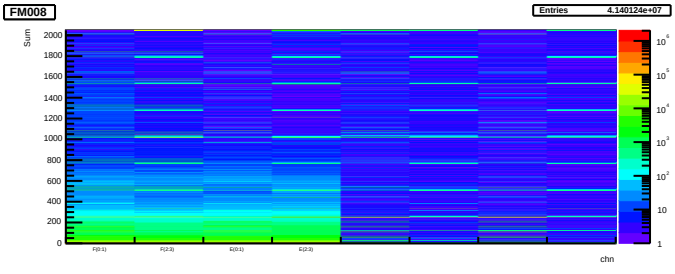

FM003
Entries 4.140124e+07
Sum
chn

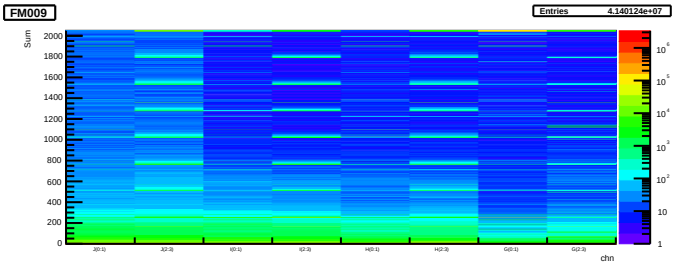

FM004
Entries 4.140124e+07
Sum
chn

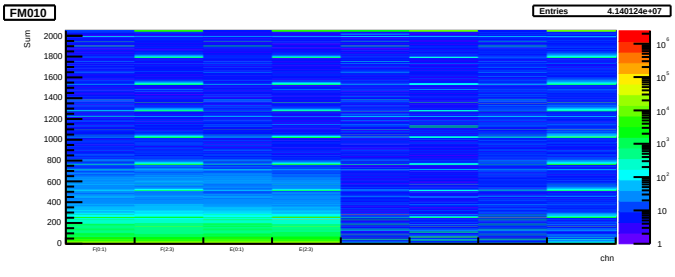

FM005
Entries 4.140124e+07
Sum
chn

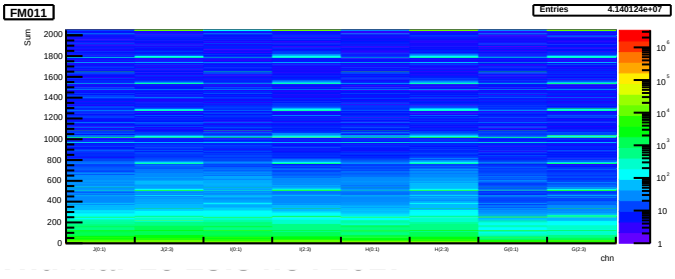

FM006
Entries 4.140124e+07
Sum
chn

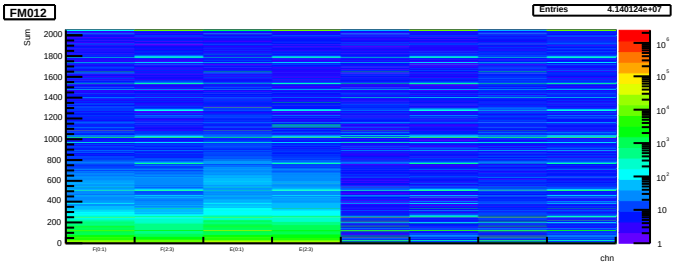

FM007
Entries 4.140124e+07
Sum
chn

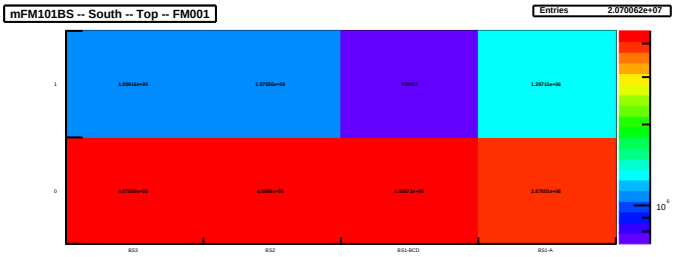

FM008
Entries 4.140124e+07
Sum
chn

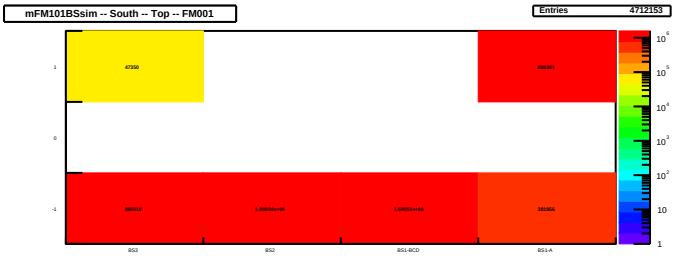

FM009
Entries 4.140124e+07
Sum
chn

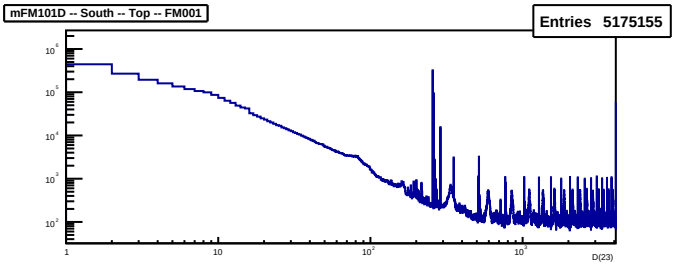

FM010
Entries 4.140124e+07
Sum
chn

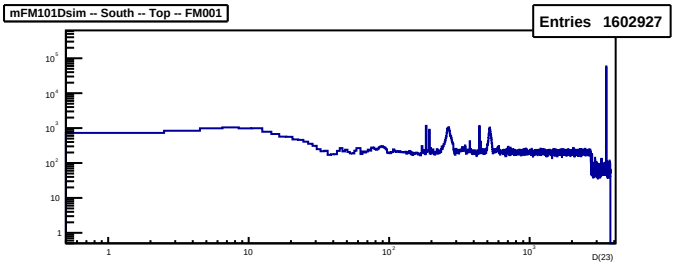

FM011
Entries 4.140124e+07
Sum
chn

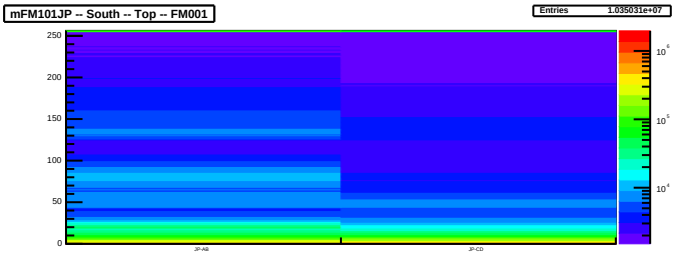

FM012
Entries 4.140124e+07
Sum
chn

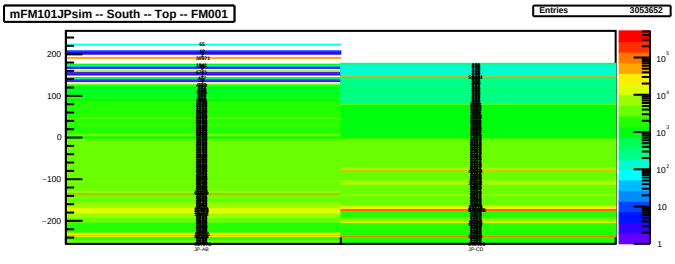

mFM101BS -- South -- Top -- FM001
Entries 2.070062e+07

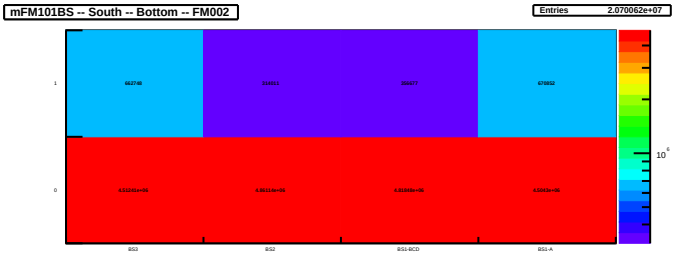

mFM101BSsim -- South -- Top -- FM001
Entries 4712153

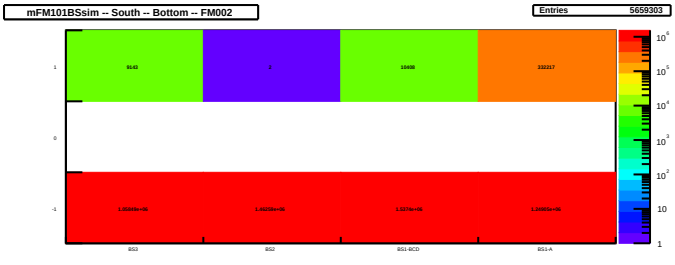

mFM101D -- South -- Top -- FM001
Entries 5175155
D(23)

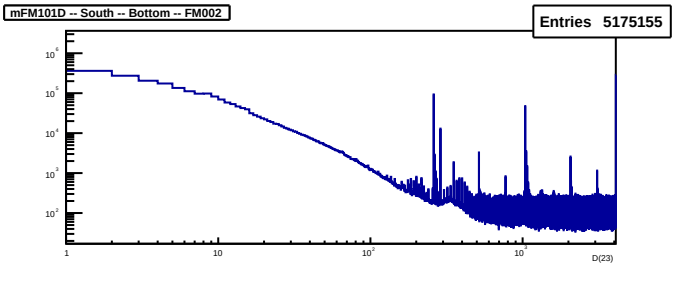

mFM101Dsim -- South -- Top -- FM001
Entries 1602927
D(23)

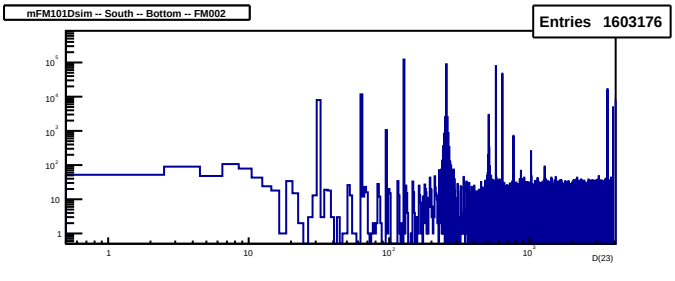

mFM101JP -- South -- Top -- FM001
Entries 1.035031e+07

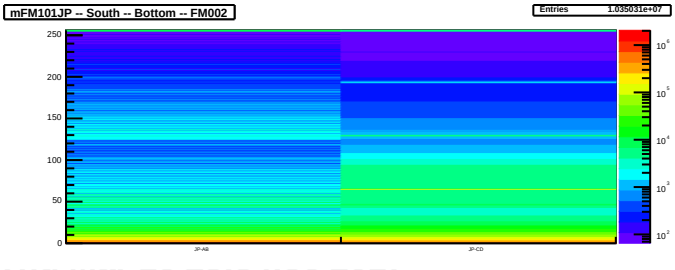

mFM101JPsim -- South -- Top -- FM001
Entries 3053652

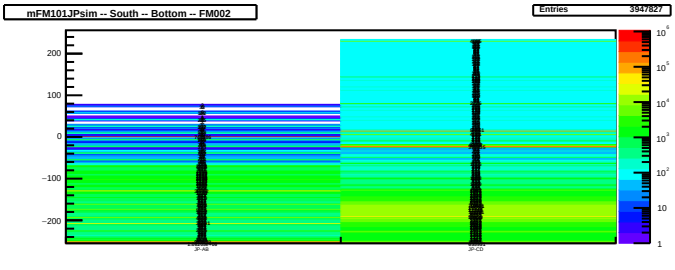

mFM101BS -- South -- Bottom -- FM002
Entries 2.070062e+07

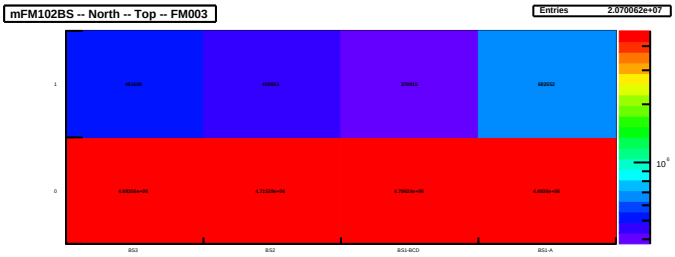

mFM101BSsim -- South -- Bottom -- FM002
Entries 5659303

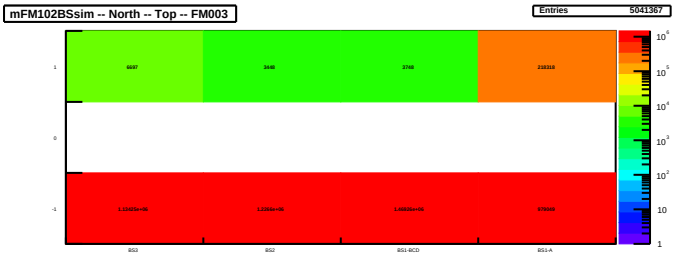

mFM101D -- South -- Bottom -- FM002
Entries 5175155
D(23)

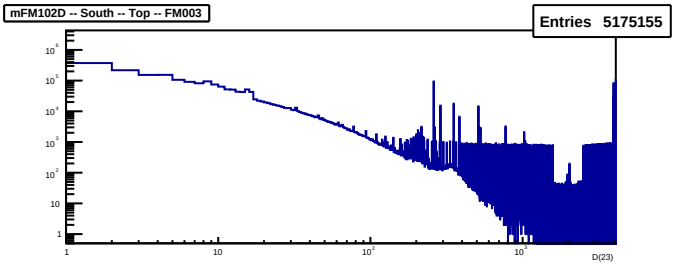

mFM101Dsim -- South -- Bottom -- FM002
Entries 1603176
D(23)

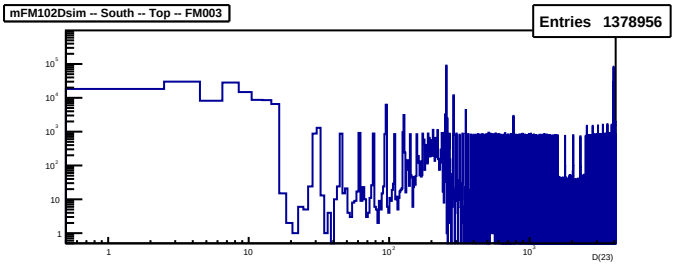

mFM101JP -- South -- Bottom -- FM002
Entries 1.035031e+07

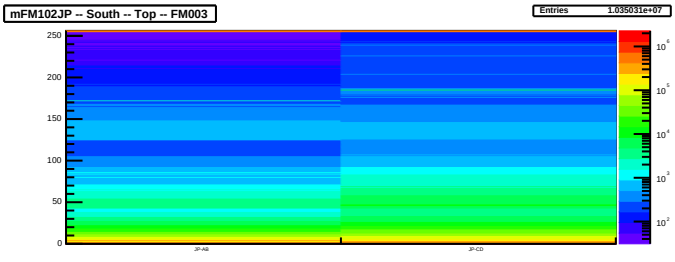

mFM101JPsim -- South -- Bottom -- FM002
Entries 3947827

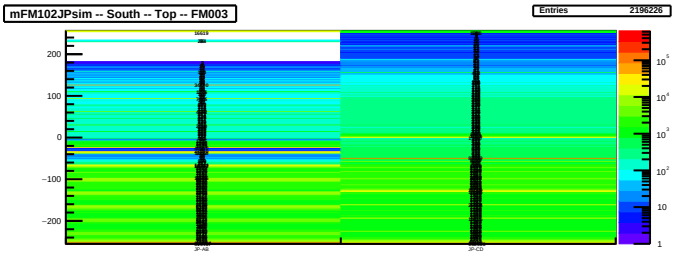

mFM102BS -- North -- Top -- FM003
Entries 2.070062e+07

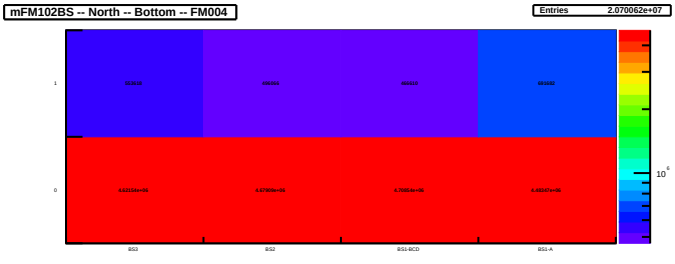

mFM102BSsim -- North -- Top -- FM003
Entries 5041367

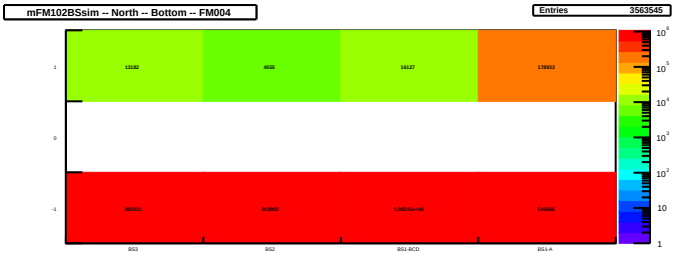

mFM102D -- South -- Top -- FM003
Entries 5175155
D(23)

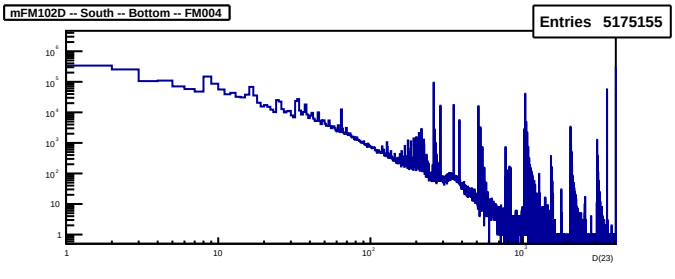

mFM102Dsim -- South -- Top -- FM003
Entries 1378956
D(23)

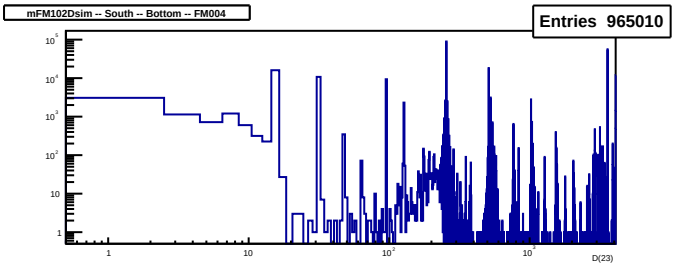

mFM102JP -- South -- Top -- FM003
Entries 1.035031e+07

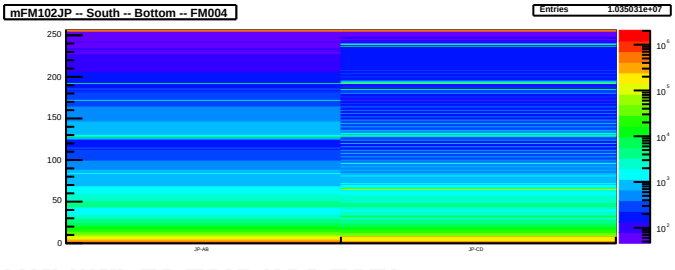

mFM102JPsim -- South -- Top -- FM003
Entries 2196226

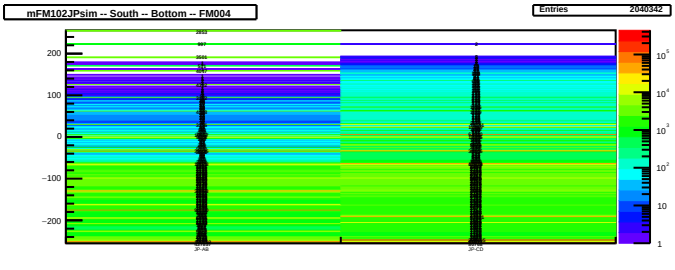

mFM102BS -- North -- Bottom -- FM004
Entries 2.070062e+07

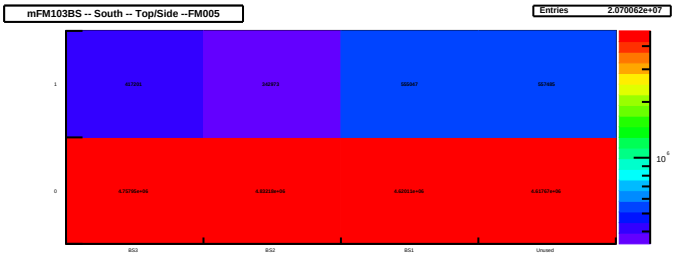

mFM102BSsim -- North -- Bottom -- FM004
Entries 3563545

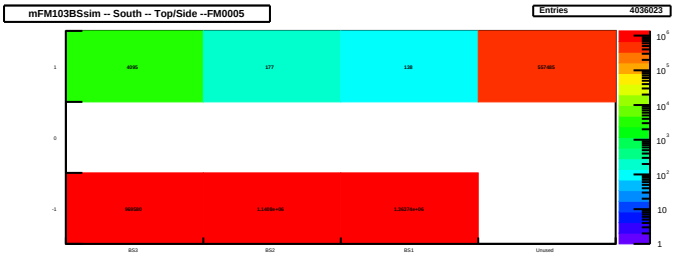

mFM102D -- South -- Bottom -- FM004
Entries 5175155
D(23)

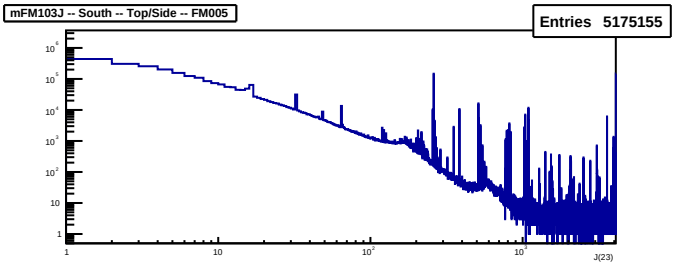

mFM102Dsim -- South -- Bottom -- FM004
Entries 965010
D(23)

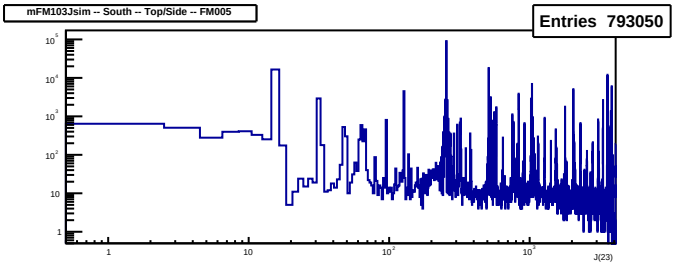

mFM102JP -- South -- Bottom -- FM004
Entries 1.035031e+07

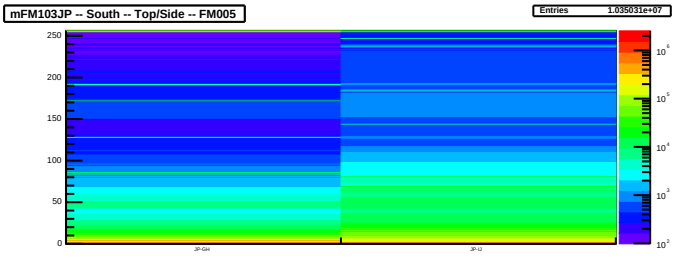

mFM102JPsim -- South -- Bottom -- FM004
Entries 2040342

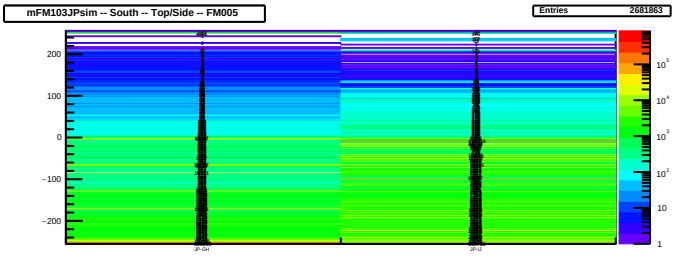

mFM103BS -- South -- Top/Side --FM005
Entries 2.070062e+07

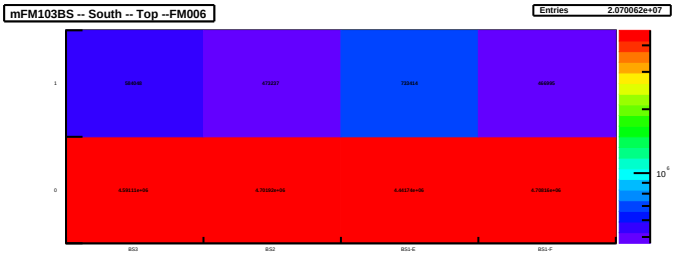

mFM103BSsim -- South -- Top/Side --FM0005
Entries 4036023

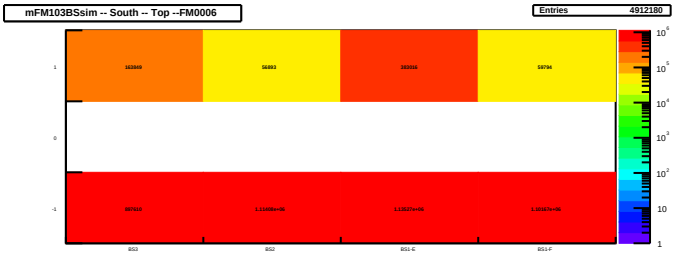

mFM103J -- South -- Top/Side -- FM005
Entries 5175155
J(23)

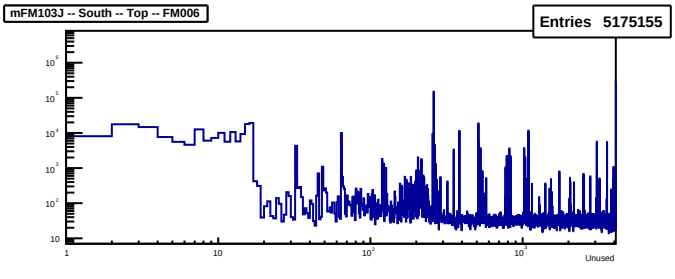

mFM103Jsim -- South -- Top/Side -- FM005
Entries 793050
J(23)

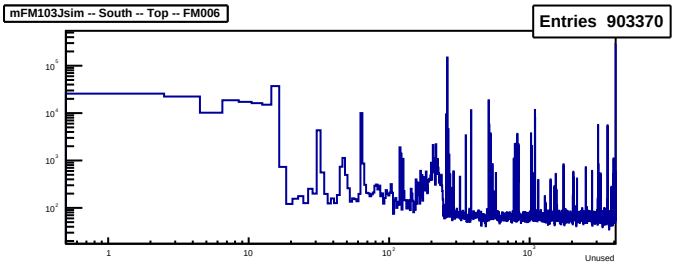

mFM103JP -- South -- Top/Side -- FM005
Entries 1.035031e+07

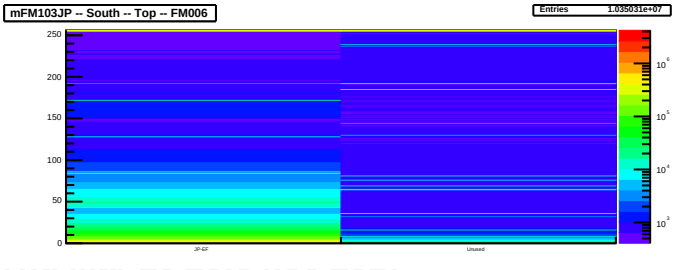

mFM103JPsim -- South -- Top/Side -- FM005
Entries 2681863

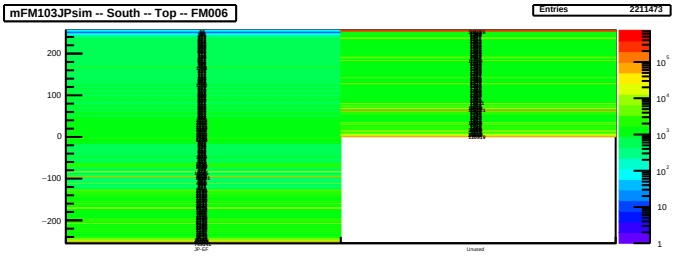

mFM103BS -- South -- Top --FM006
Entries 2.070062e+07

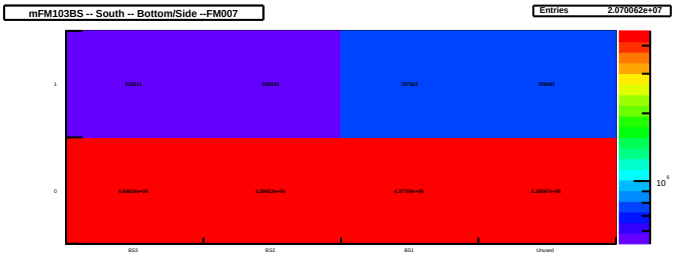

mFM103BSsim -- South -- Top --FM0006
Entries 4912180

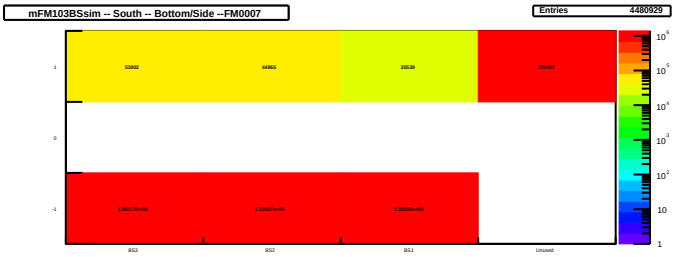

mFM103J -- South -- Top -- FM006
Entries 5175155
Unused

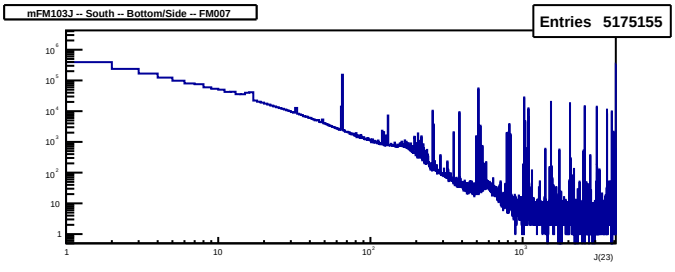

mFM103Jsim -- South -- Top -- FM006
Entries 903370
Unused

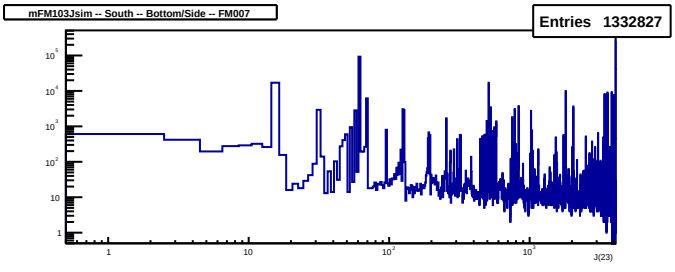

mFM103JP -- South -- Top -- FM006
Entries 1.035031e+07

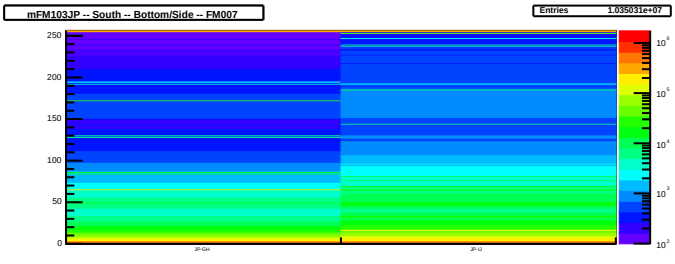

mFM103JPsim -- South -- Top -- FM006
Entries 2211473

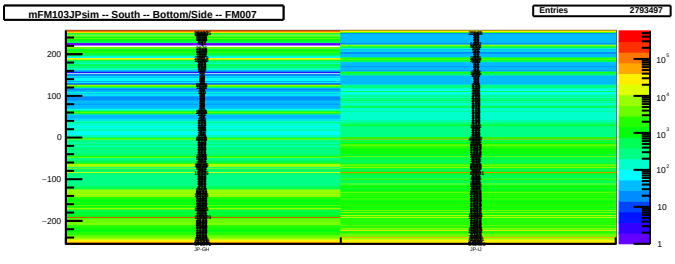

mFM103BS -- South -- Bottom/Side --FM007
Entries 2.070062e+07

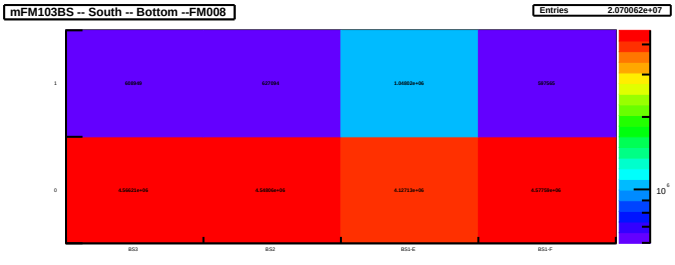

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 4480929

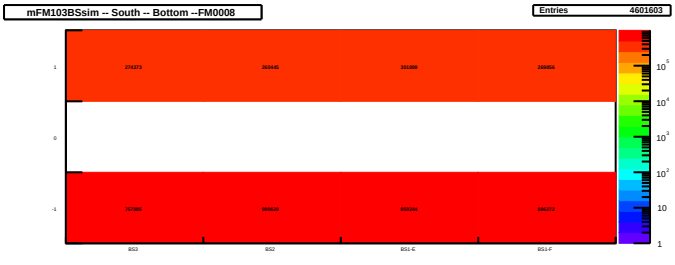

mFM103J -- South -- Bottom/Side -- FM007
Entries 5175155
J(23)

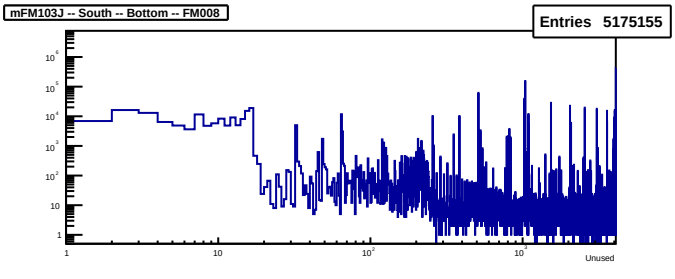

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 1332827
J(23)

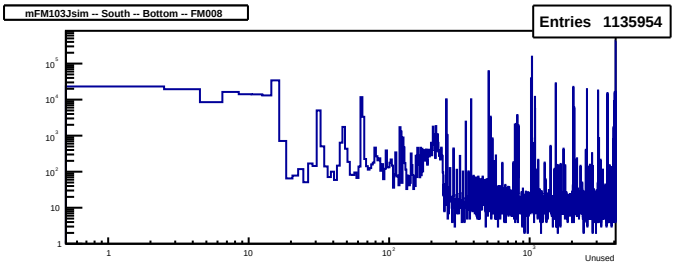

mFM103JP -- South -- Bottom/Side -- FM007
Entries 1.035031e+07

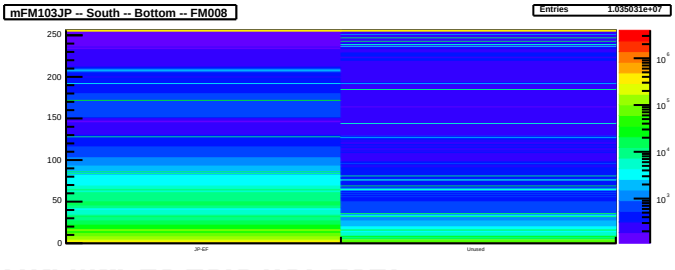

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 2793497

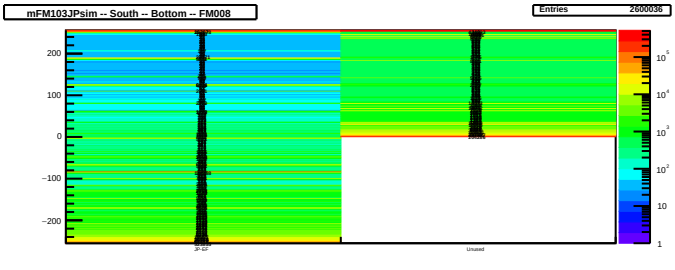

mFM103BS -- South -- Bottom --FM008
Entries 2.070062e+07

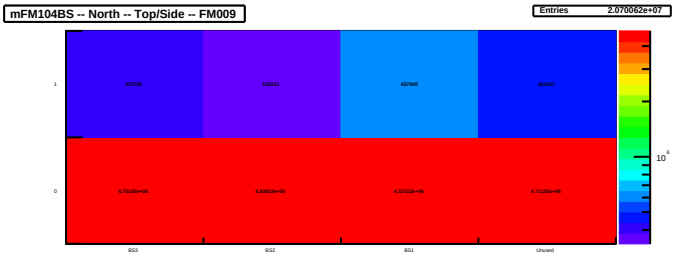

mFM103BSsim -- South -- Bottom --FM0008
Entries 4601603

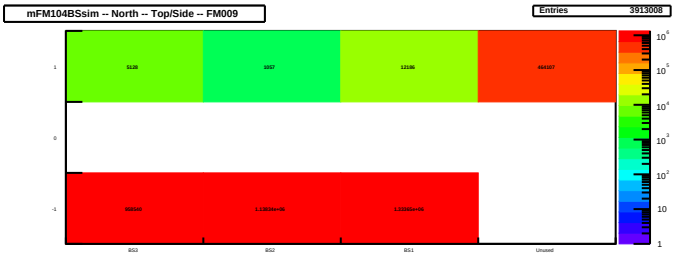

mFM103J -- South -- Bottom -- FM008
Entries 5175155
Unused

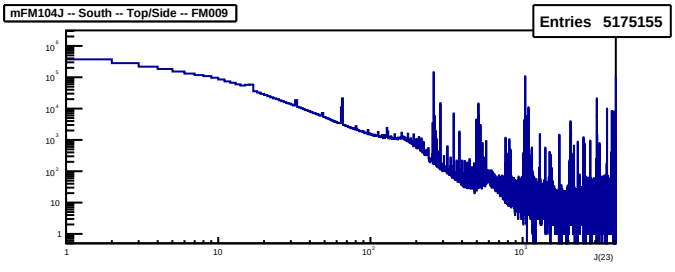

mFM103Jsim -- South -- Bottom -- FM008
Entries 1135954
Unused

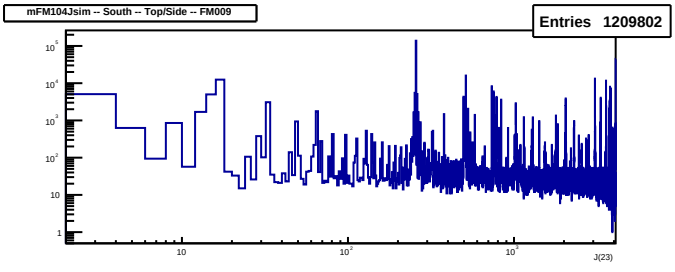

mFM103JP -- South -- Bottom -- FM008
Entries 1.035031e+07

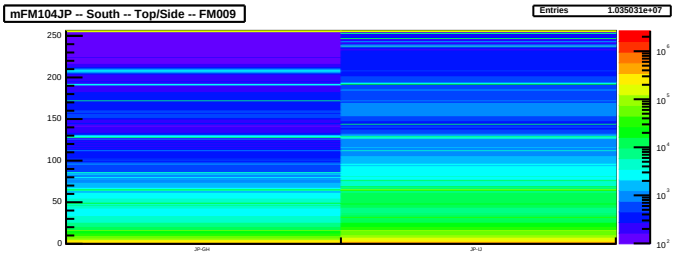

mFM103JPsim -- South -- Bottom -- FM008
Entries 2600036

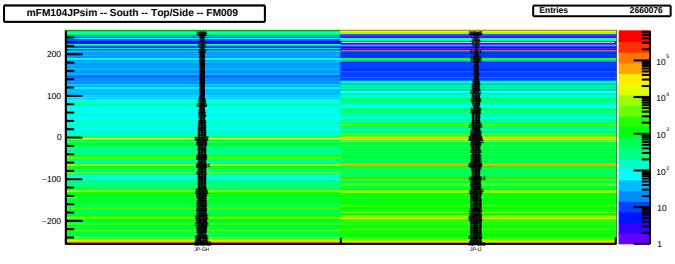

mFM104BS -- North -- Top/Side -- FM009
Entries 2.070062e+07

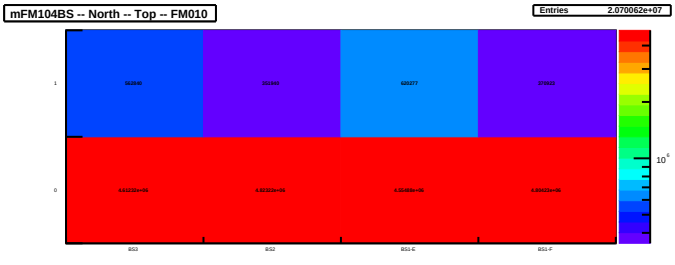

mFM104BSsim -- North -- Top/Side -- FM009
Entries 3913008

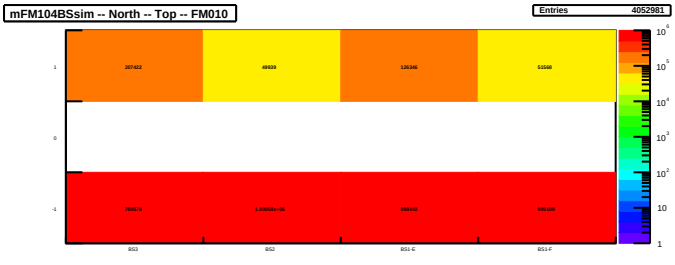

mFM104J -- South -- Top/Side -- FM009
Entries 5175155
J(23)

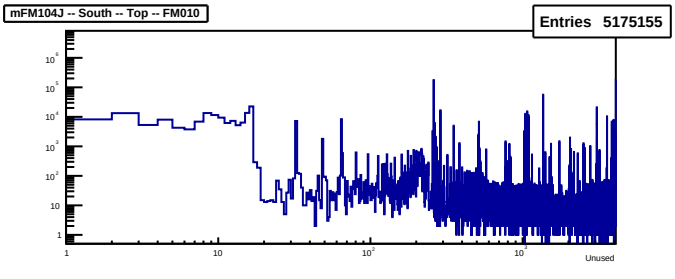

mFM104Jsim -- South -- Top/Side -- FM009
Entries 1209802
J(23)

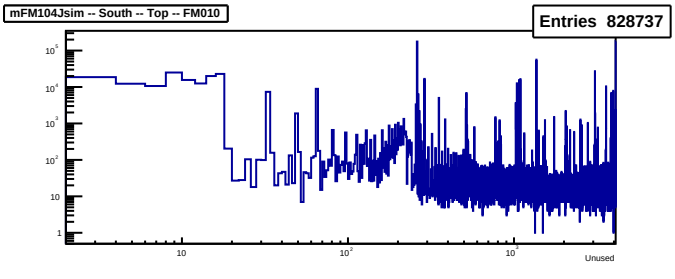

mFM104JP -- South -- Top/Side -- FM009
Entries 1.035031e+07

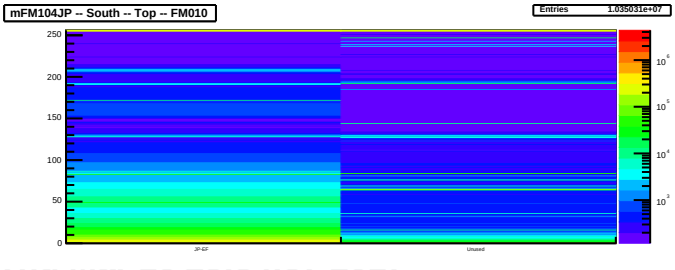

mFM104JPsim -- South -- Top/Side -- FM009
Entries 2660076

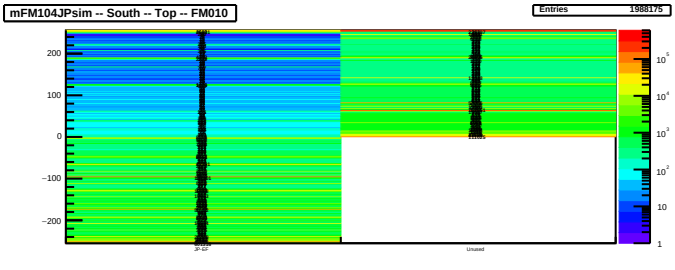

mFM104BS -- North -- Top -- FM010
Entries 2.070062e+07

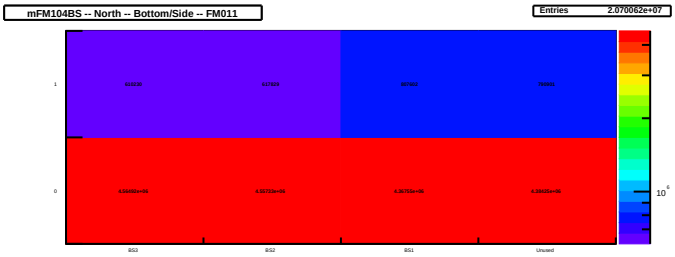

mFM104BSsim -- North -- Top -- FM010
Entries 4052981

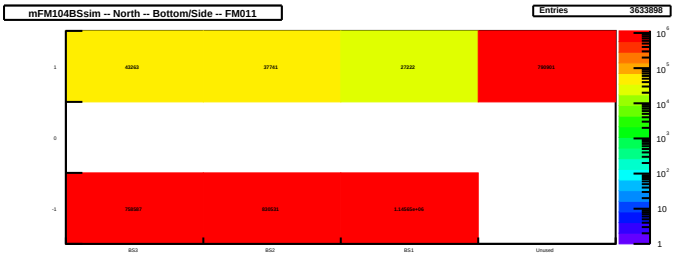

mFM104J -- South -- Top -- FM010
Entries 5175155
Unused

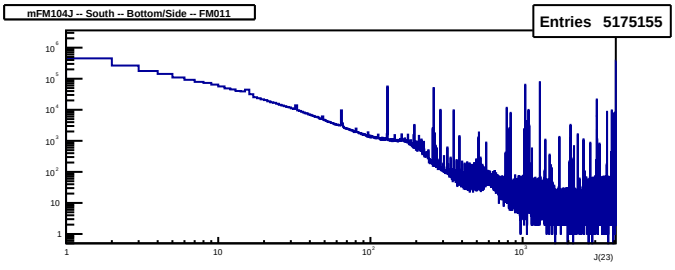

mFM104Jsim -- South -- Top -- FM010
Entries 828737
Unused

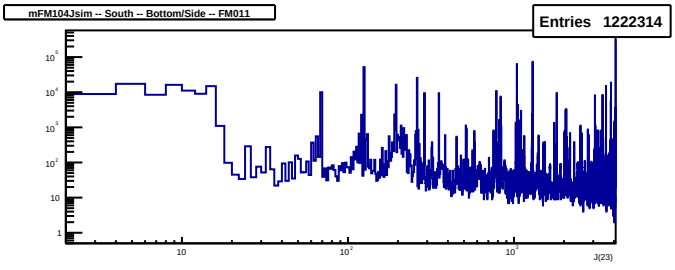

mFM104JP -- South -- Top -- FM010
Entries 1.035031e+07

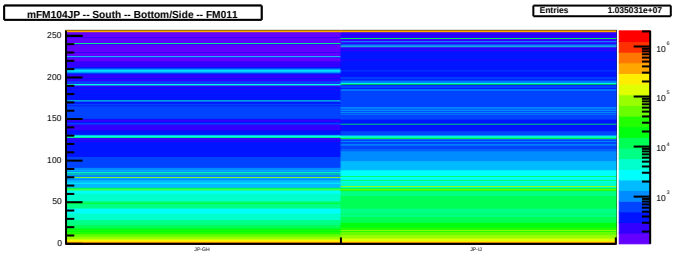

mFM104JPsim -- South -- Top -- FM010
Entries 1988175

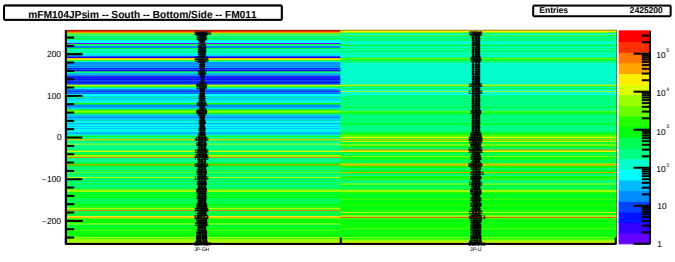

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2.070062e+07

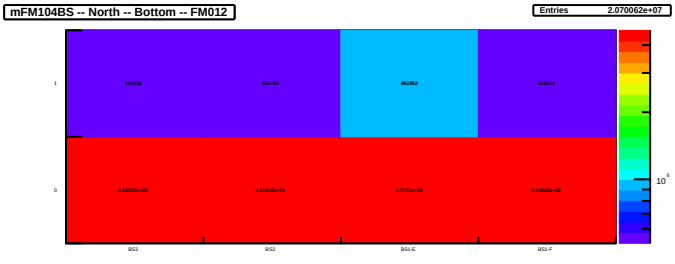

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 3633898

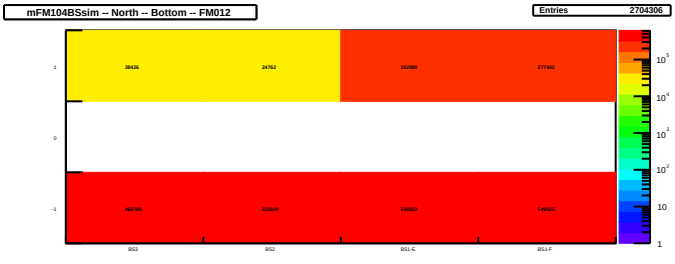

mFM104J -- South -- Bottom/Side -- FM011
Entries 5175155
J(23)

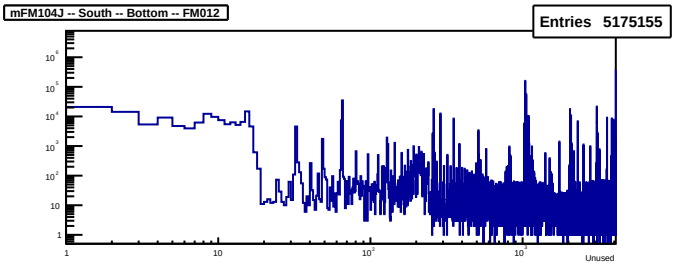

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1222314
J(23)

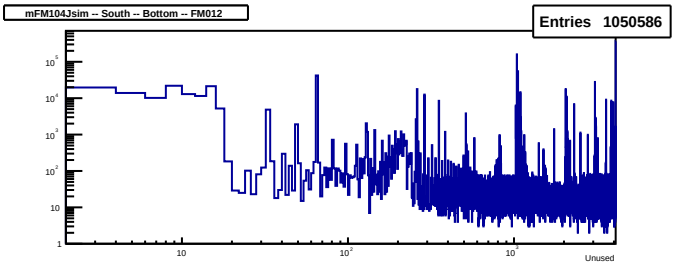

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.035031e+07

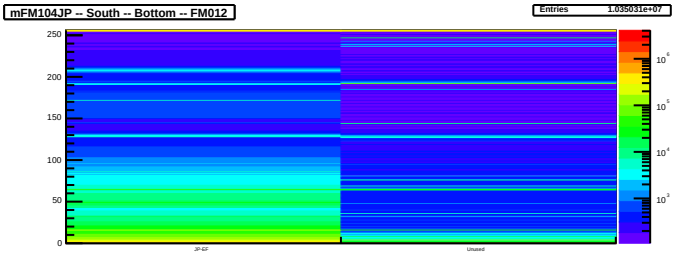

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 2425200

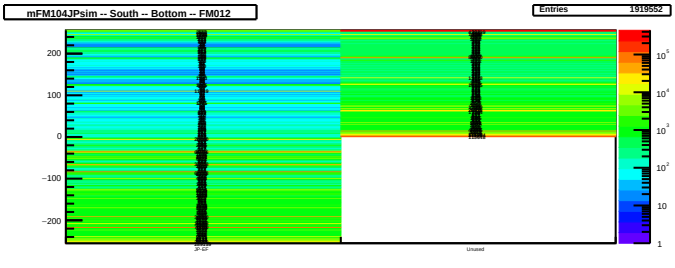

mFM104BS -- North -- Bottom -- FM012
Entries 2.070062e+07

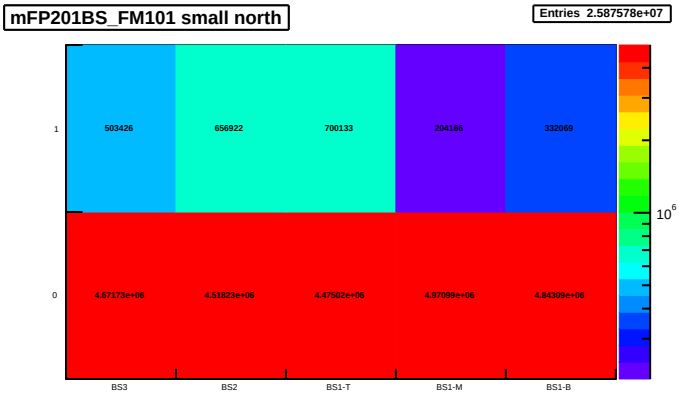

mFM104BSsim -- North -- Bottom -- FM012
Entries 2704306

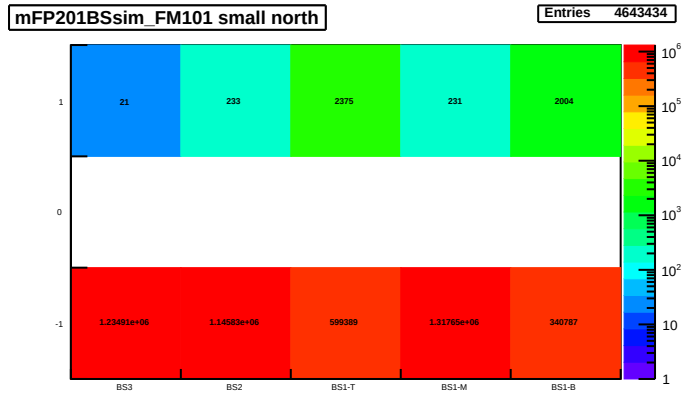

mFM104J -- South -- Bottom -- FM012
Entries 5175155
Unused

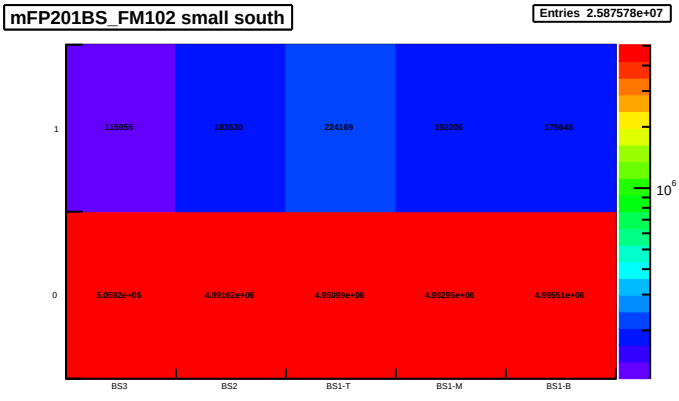

mFM104Jsim -- South -- Bottom -- FM012
Entries 1050586
Unused

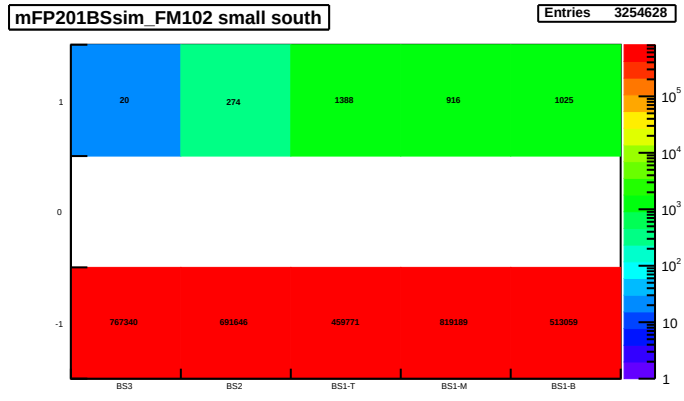

mFM104JP -- South -- Bottom -- FM012
Entries 1.035031e+07

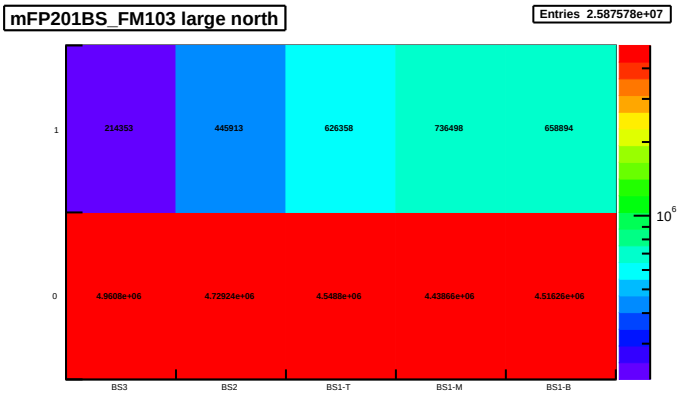

mFM104JPsim -- South -- Bottom -- FM012
Entries 1919552

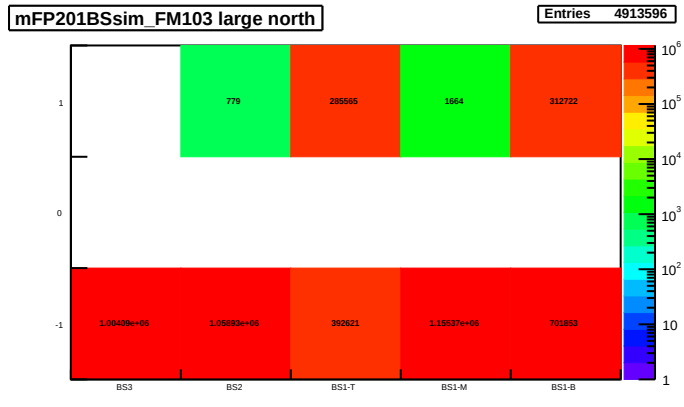

mFP201BS_FM101 small north
Entries 2.587578e+07
503426
656922
700133
204166
332069
4.67173e+06
4.51823e+06
4.47502e+06
4.97099e+06
4.84309e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

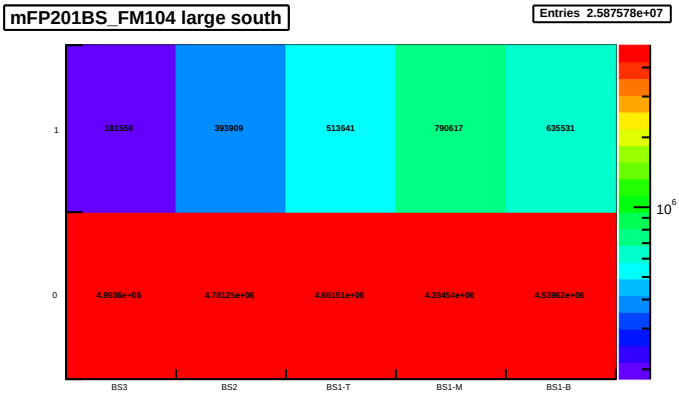

mFP201BSsim_FM101 small north
Entries 4643434
21
233
2375
231
2004
1.23491e+06
1.14583e+06
599389
1.31765e+06
340787
BS3
BS2
BS1-T
BS1-M
BS1-B

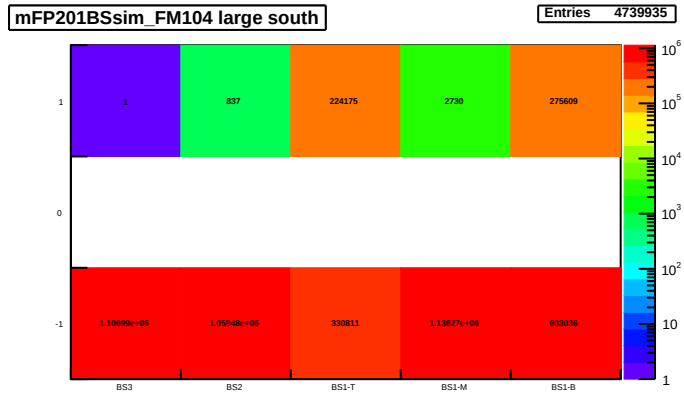

mFP201BS_FM102 small south
Entries 2.587578e+07
115955
183530
224169
192206
179648
5.0592e+06
4.99162e+06
4.95099e+06
4.98295e+06
4.99551e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

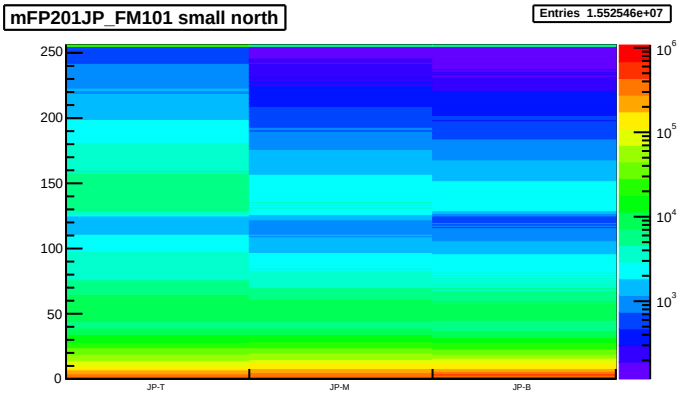

mFP201BSsim_FM102 small south
Entries 3254628
20
274
1388
916
1025
767340
691646
459771
819189
513059
BS3
BS2
BS1-T
BS1-M
BS1-B

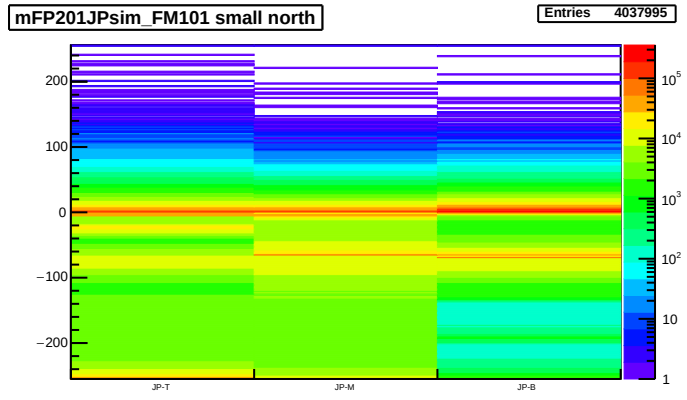

mFP201BS_FM103 large north
Entries 2.587578e+07
214353
445913
626358
736498
658894
4.9608e+06
4.72924e+06
4.5488e+06
4.43866e+06
4.51626e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

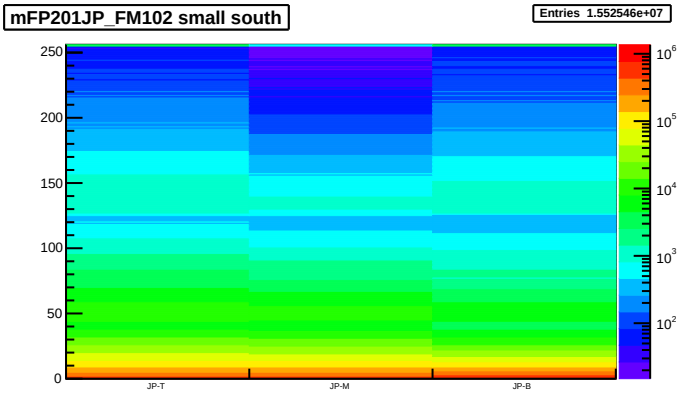

mFP201BSsim_FM103 large north
Entries 4913596
779
285565
1664
312722
1.00409e+06
1.05893e+06
392621
1.15537e+06
701853
BS3
BS2
BS1-T
BS1-M
BS1-B

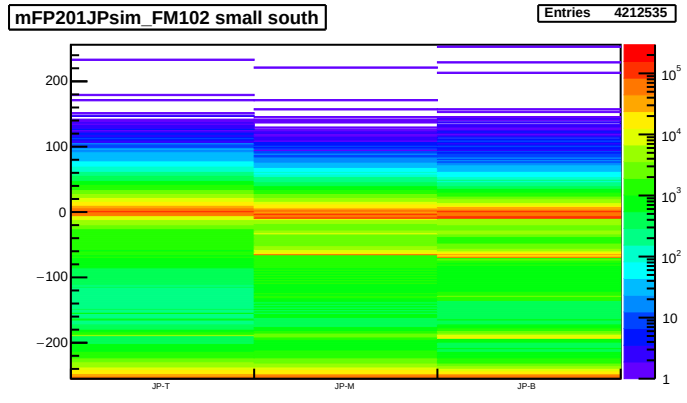

mFP201BS_FM104 large south
Entries 2.587578e+07
181558
393909
513641
790617
635531
4.9936e+06
4.78125e+06
4.66151e+06
4.38454e+06
4.53962e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

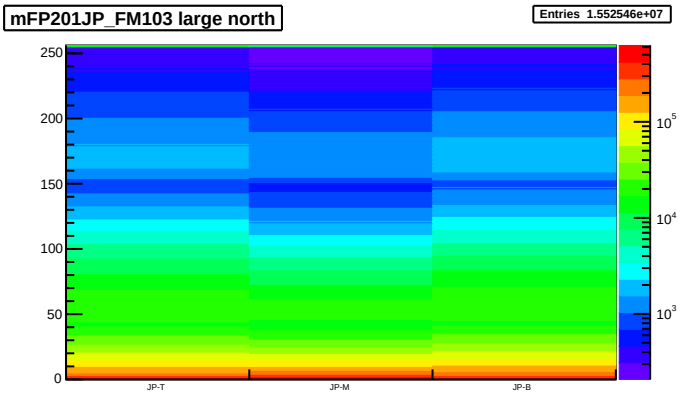

mFP201BSsim_FM104 large south
Entries 4739935
1
837
224175
2730
275609
1.10699e+06
1.05948e+06
330811
1.13627e+06
603036
BS3
BS2
BS1-T
BS1-M
BS1-B

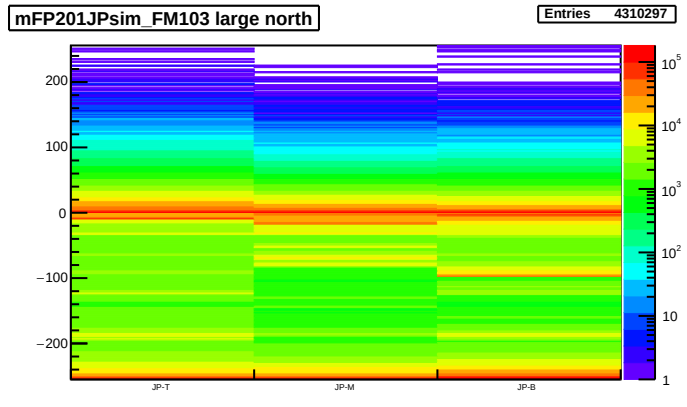

mFP201JP_FM101 small north
Entries 1.552546e+07
JP-T
JP-M
JP-B

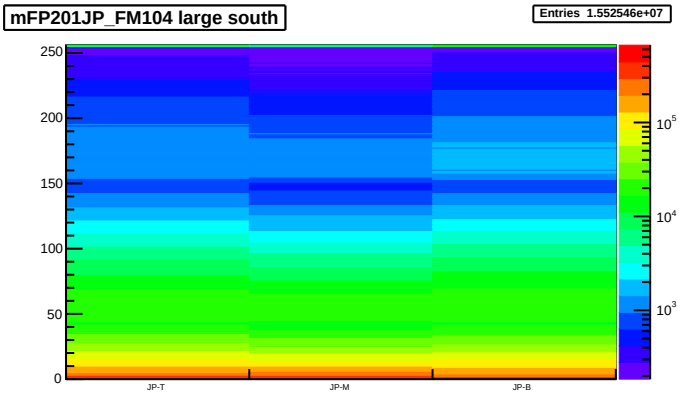

mFP201JPsim_FM101 small north
Entries 4037995
JP-T
JP-M
JP-B

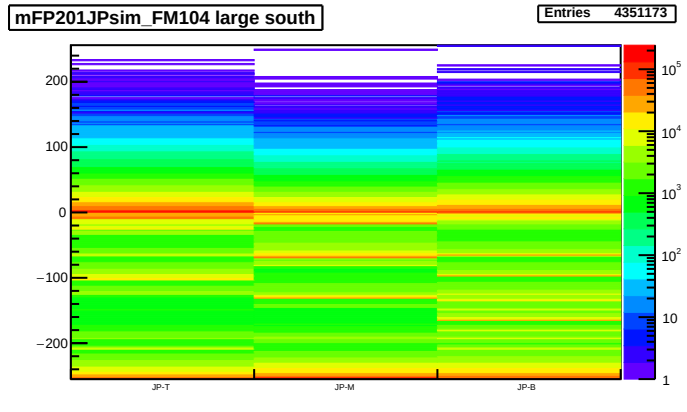

mFP201JP_FM102 small south
Entries 1.552546e+07
JP-T
JP-M
JP-B

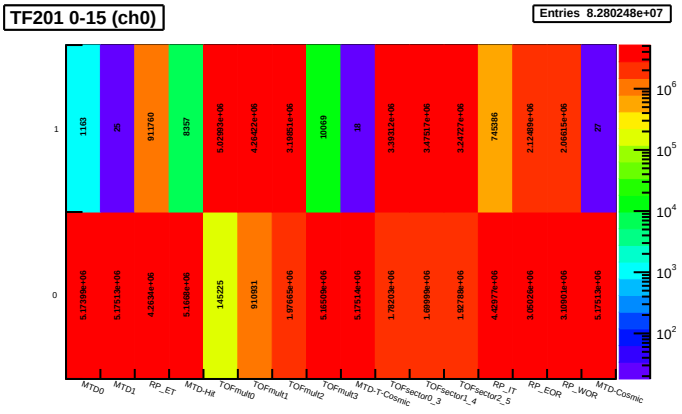

mFP201JPsim_FM102 small south
Entries 4212535
JP-T
JP-M
JP-B

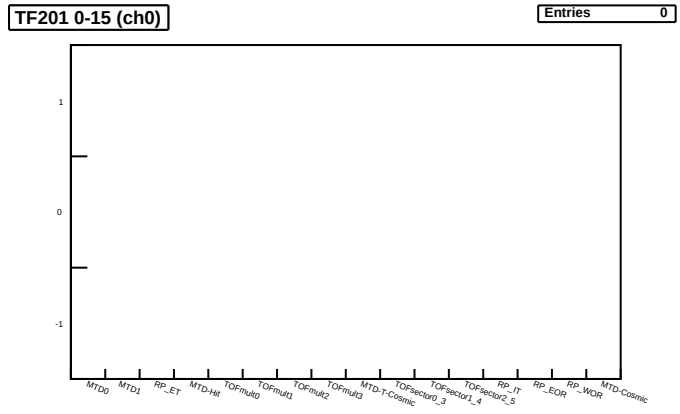

mFP201JP_FM103 large north
Entries 1.552546e+07
JP-T
JP-M
JP-B

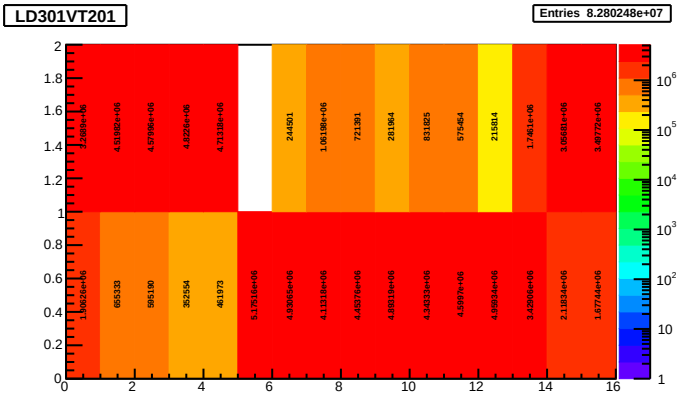

mFP201JPsim_FM103 large north
Entries 4310297
JP-T
JP-M
JP-B

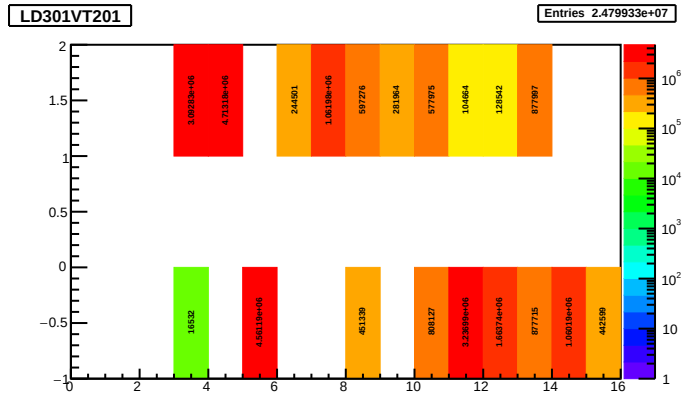

mFP201JP_FM104 large south
Entries 1.552546e+07
JP-T
JP-M
JP-B

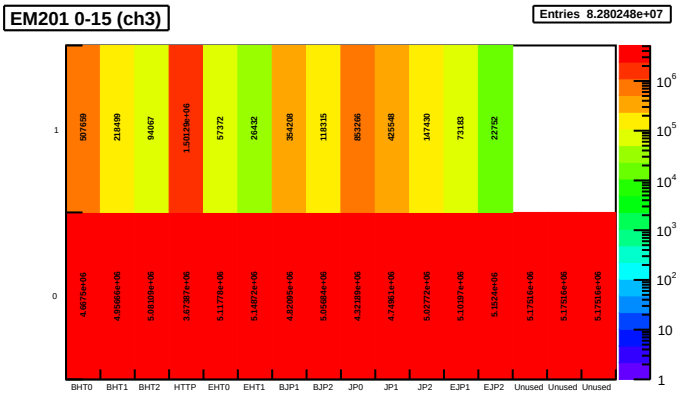

mFP201JPsim_FM104 large south
Entries 4351173
JP-T
JP-M
JP-B

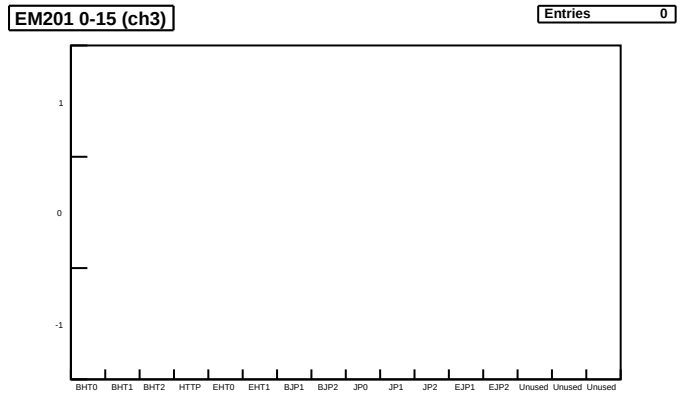

TF201 0-15 (ch0)
Entries 8.280248e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

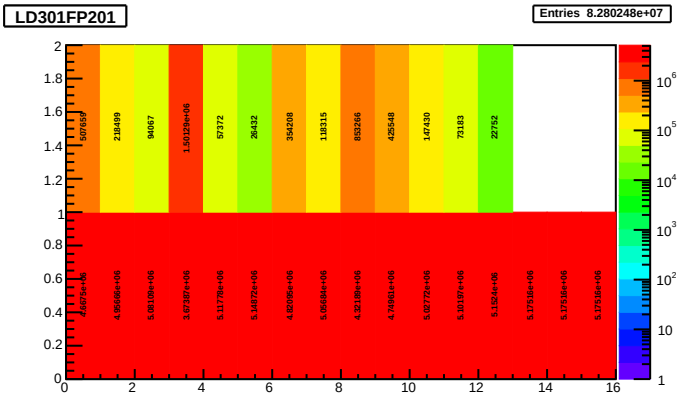

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

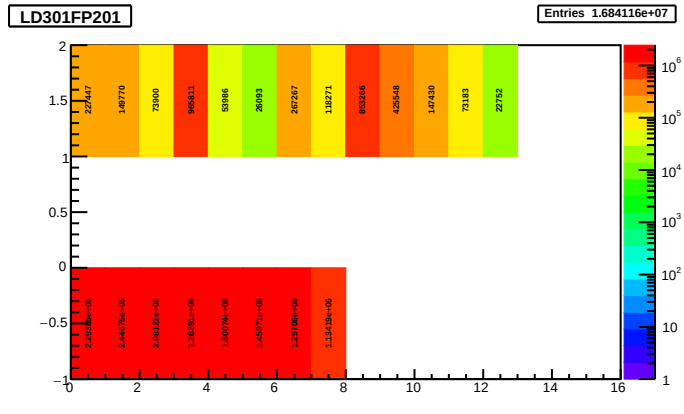

LD301VT201
Entries 8.280248e+07


LD301VT201
Entries 2.479933e+07


EM201 0-15 (ch3)
Entries 8.280248e+07
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


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


LD301FP201
Entries 8.280248e+07


LD301FP201
Entries 1.684116e+07