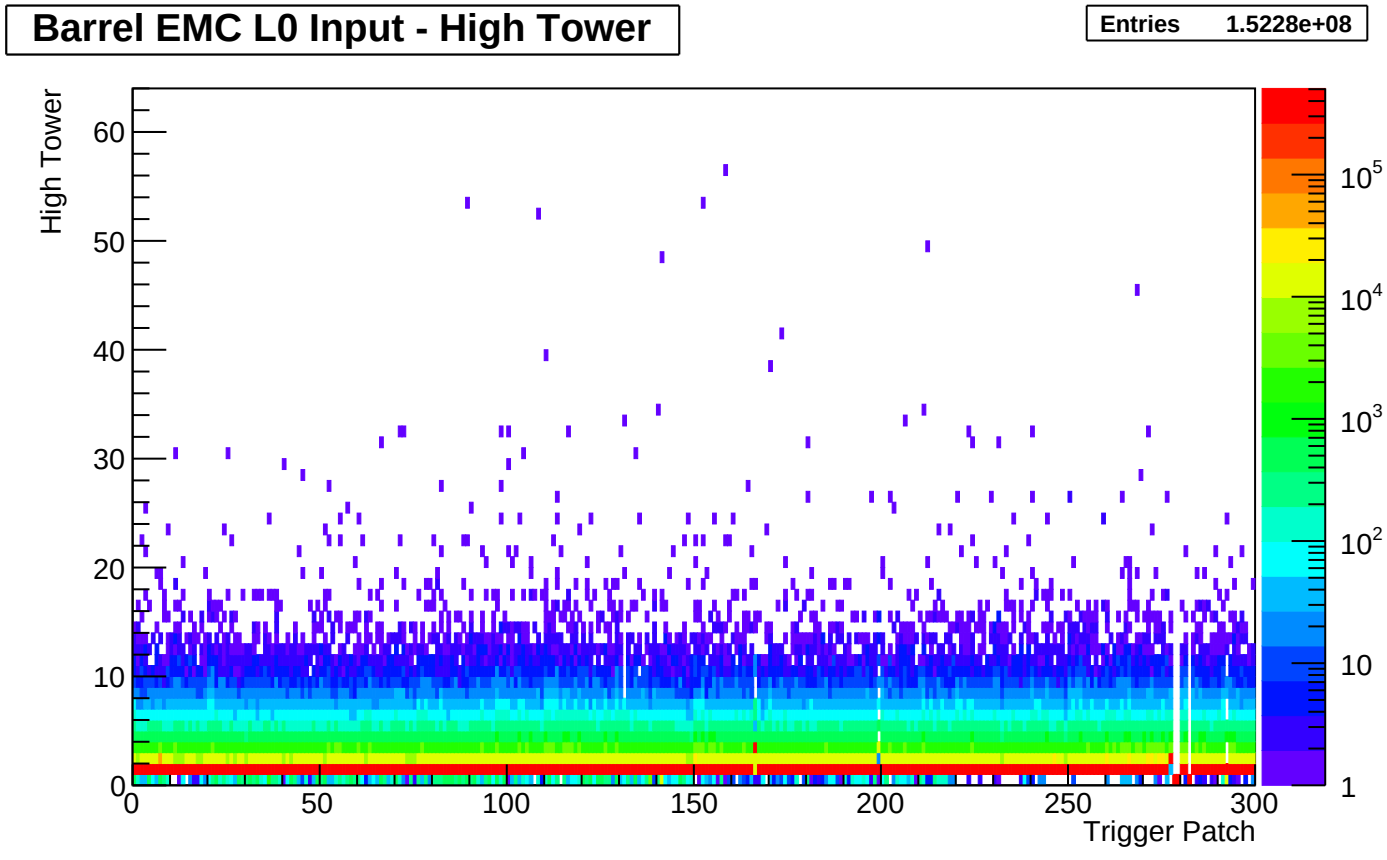
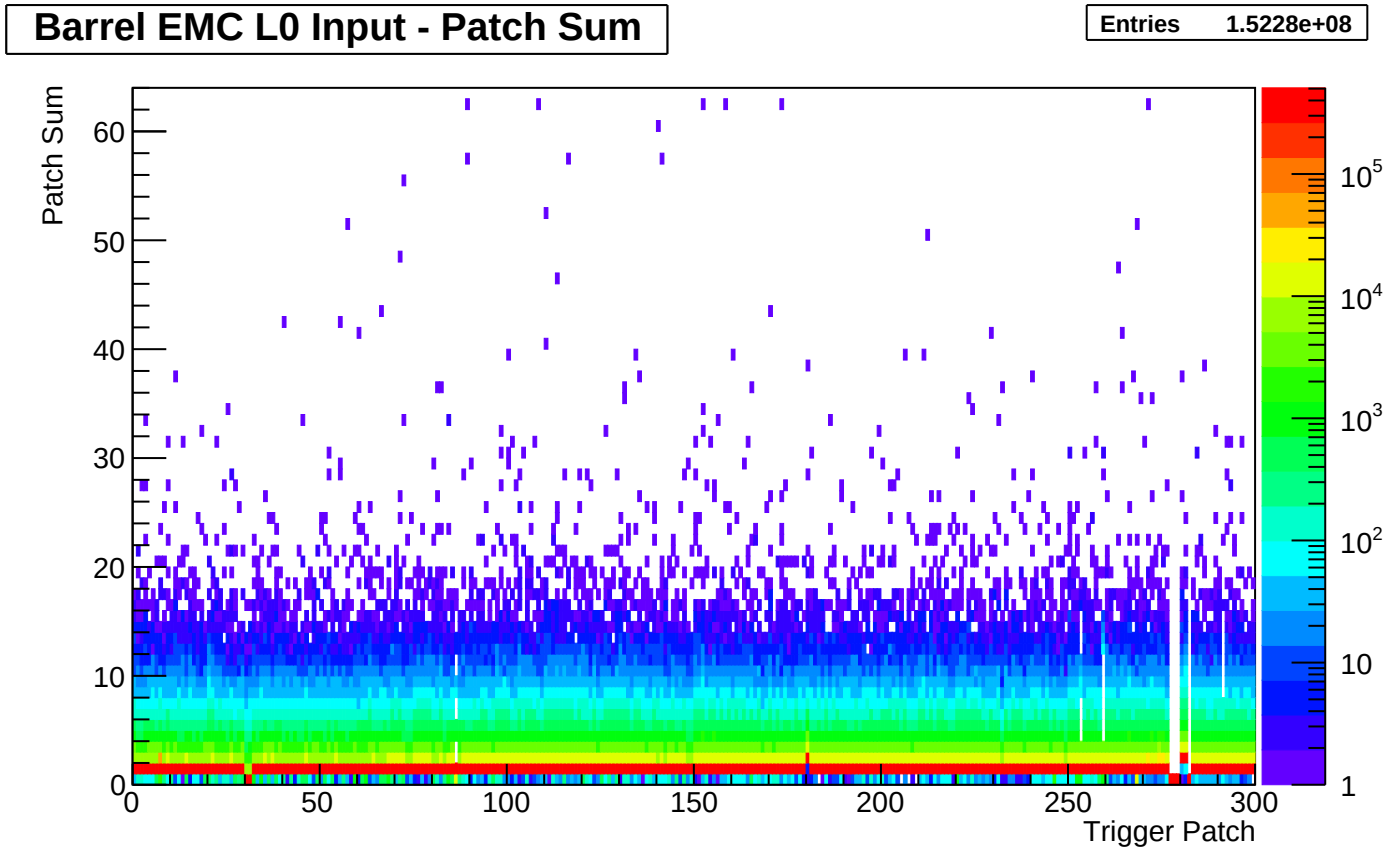
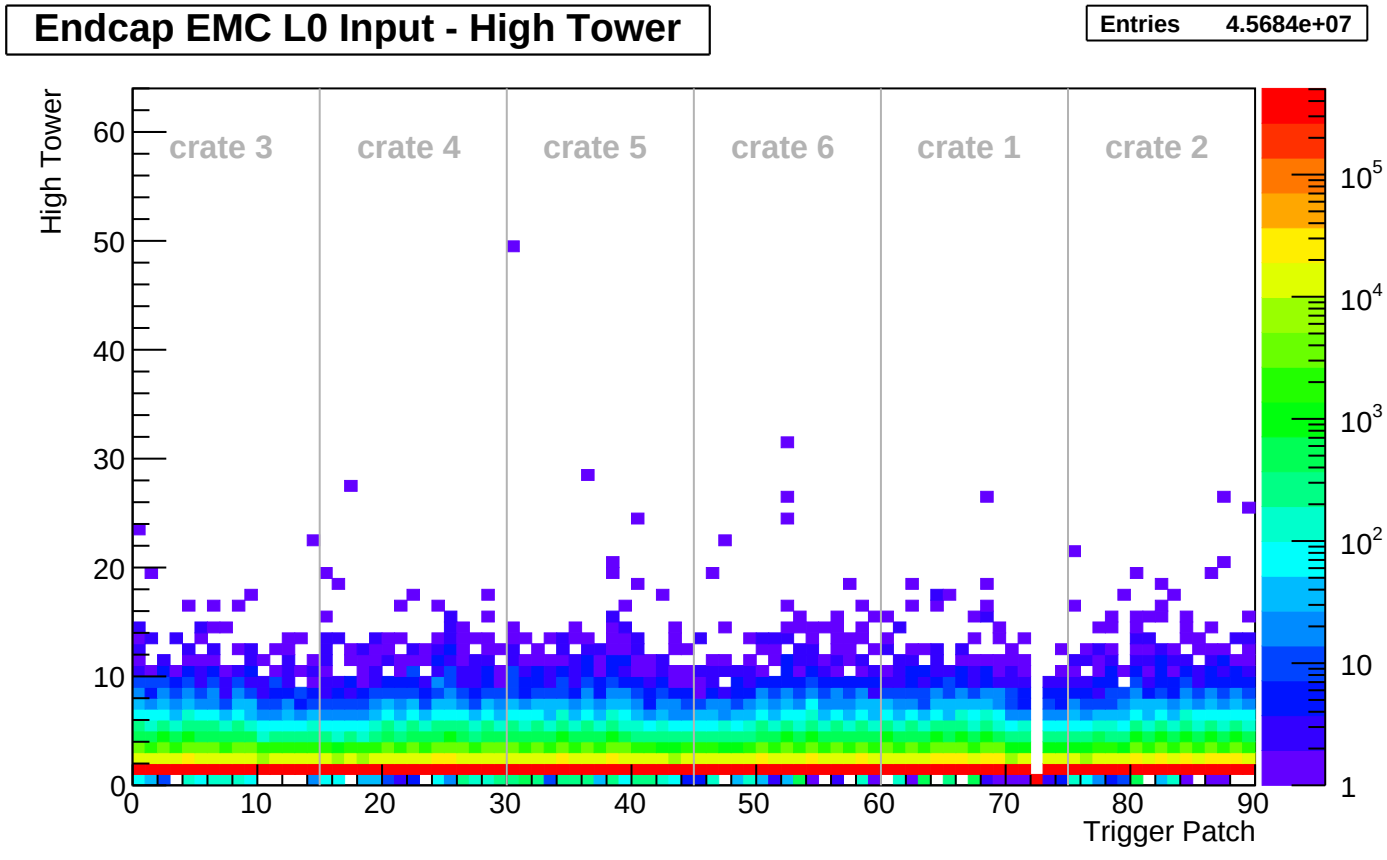
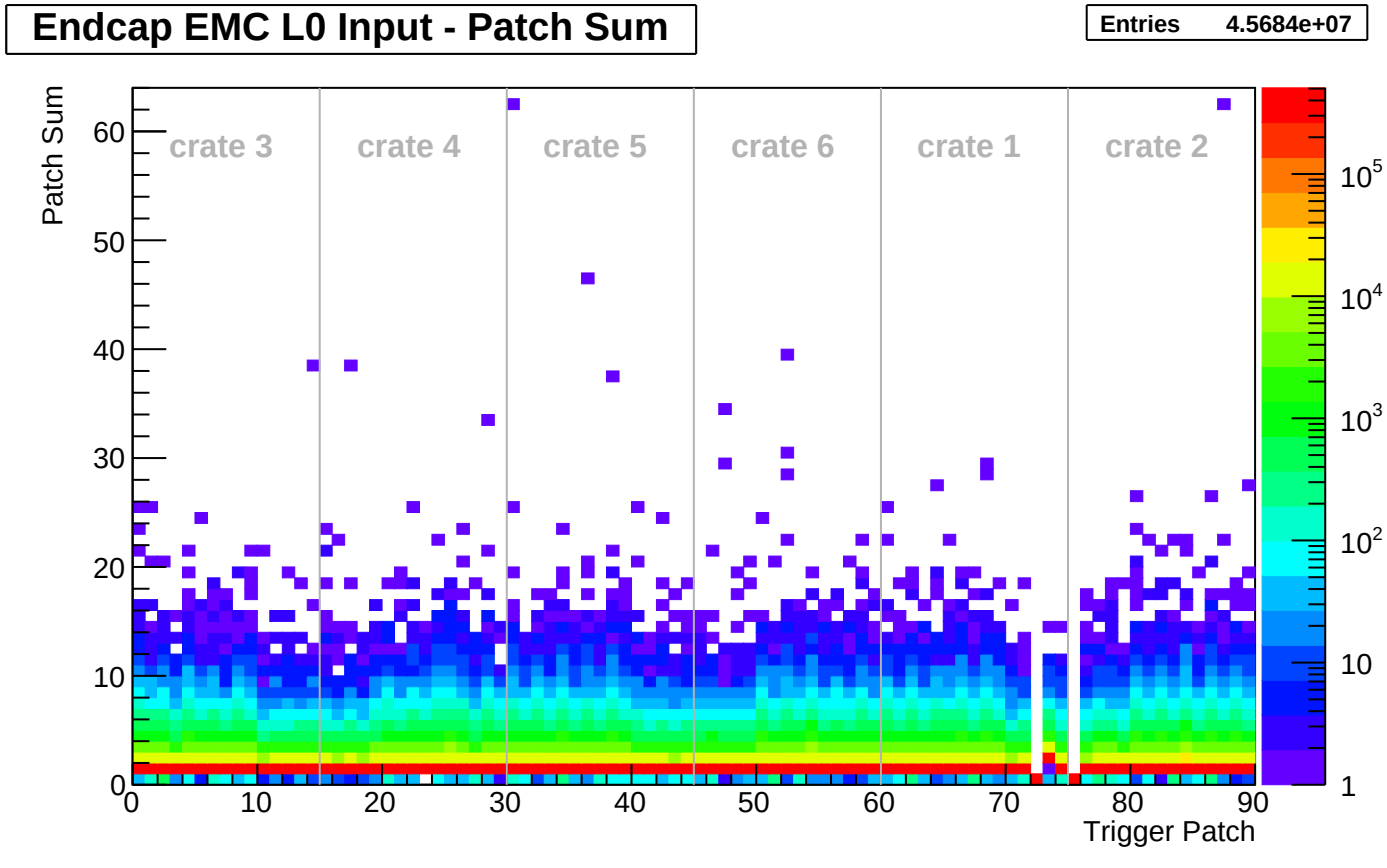
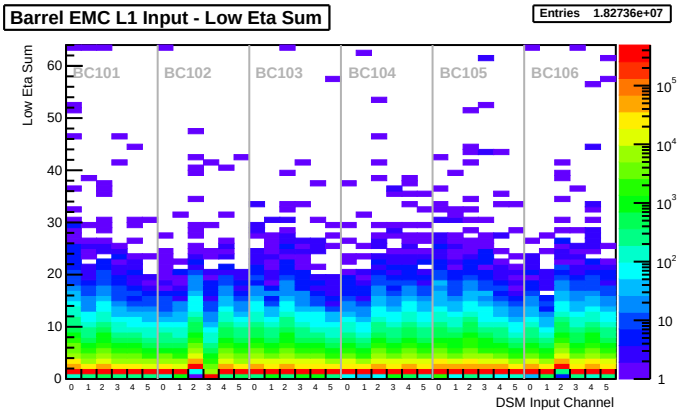
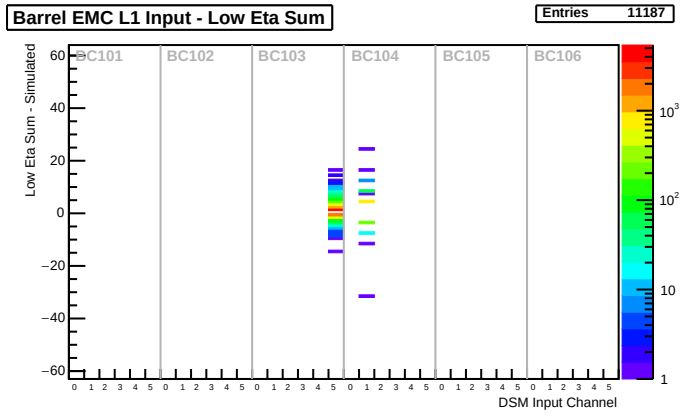

Barrel EMC L0 Input - High Tower
Entries 1.5228e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

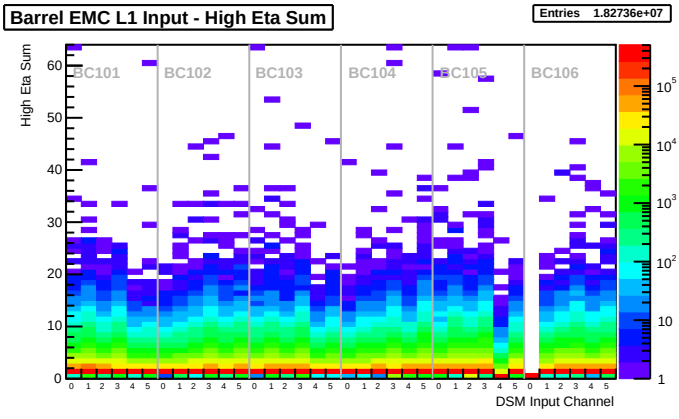

Barrel EMC L0 Input - Patch Sum
Entries 1.5228e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

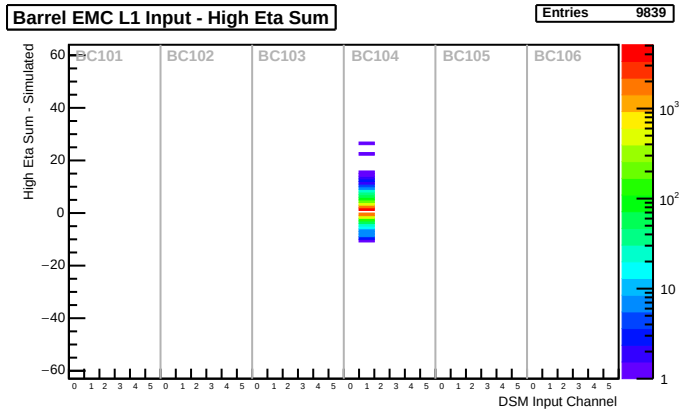

Endcap EMC L0 Input - High Tower
Entries 4.5684e+07
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

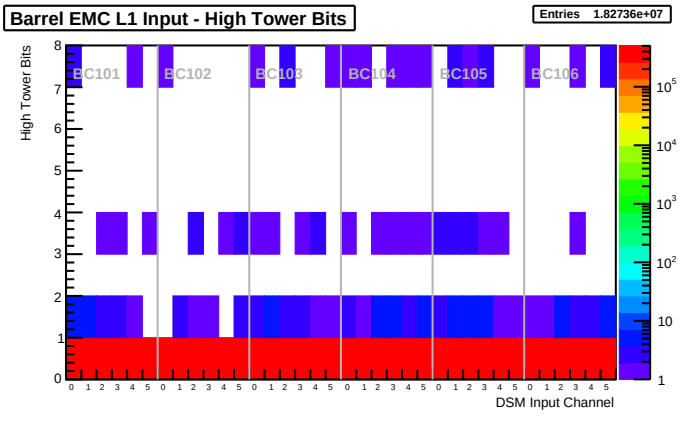

Endcap EMC L0 Input - Patch Sum
Entries 4.5684e+07
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

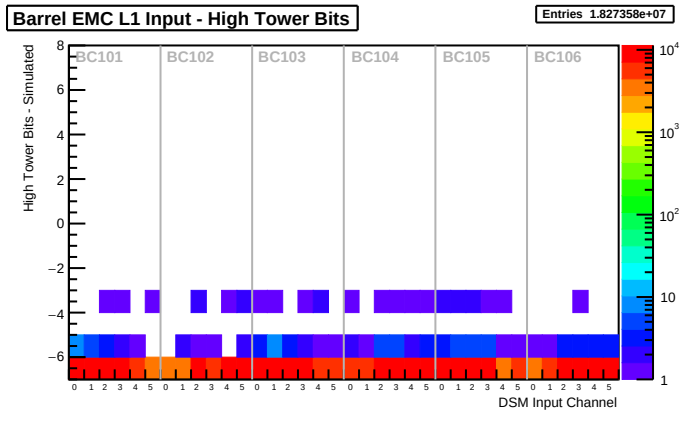

Barrel EMC L1 Input - Low Eta Sum
Entries 1.82736e+07
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

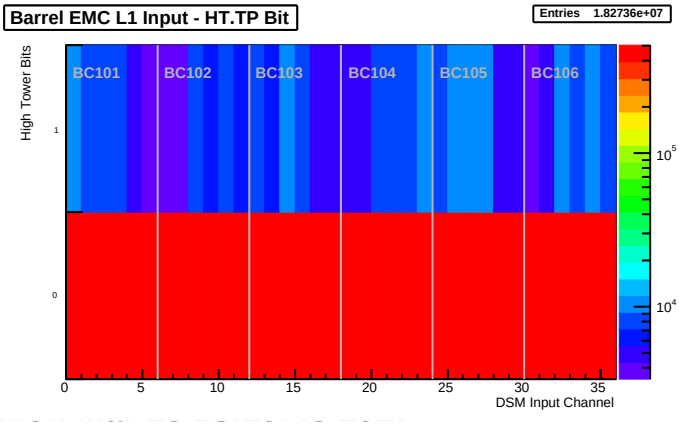

Barrel EMC L1 Input - Low Eta Sum
Entries 11187
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

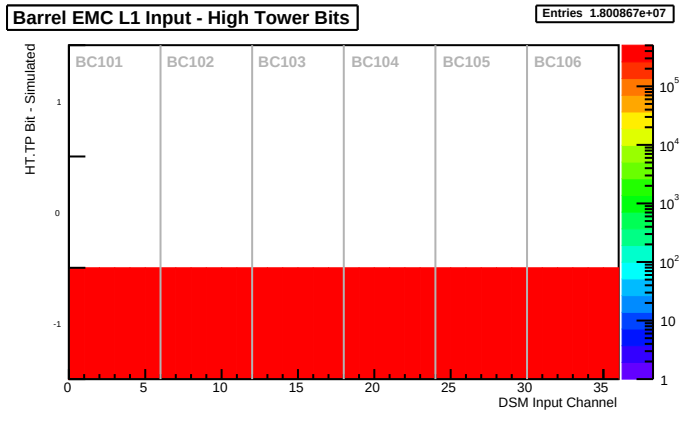

Barrel EMC L1 Input - High Eta Sum
Entries 1.82736e+07
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

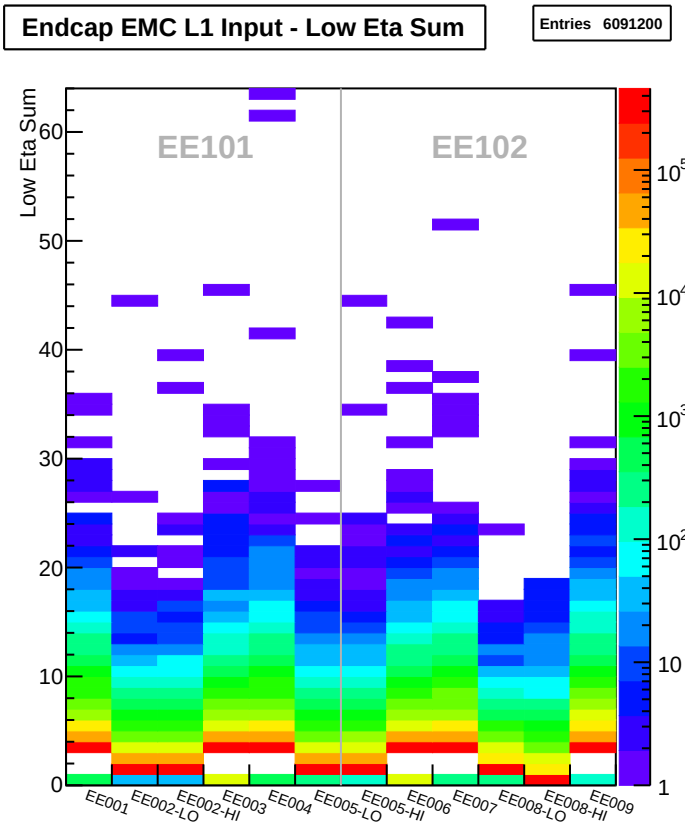

Barrel EMC L1 Input - High Eta Sum
Entries 9839
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

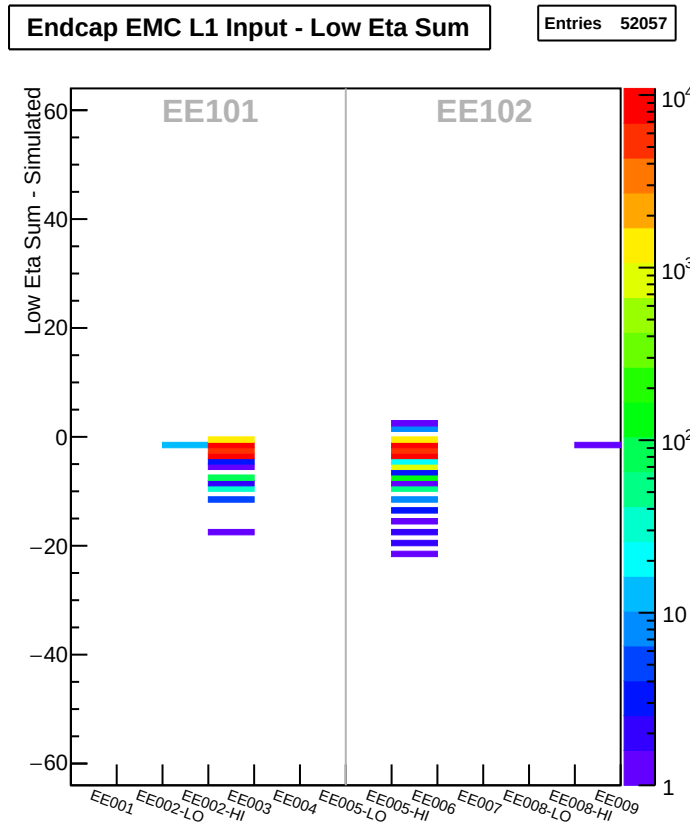

Barrel EMC L1 Input - High Tower Bits
Entries 1.82736e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

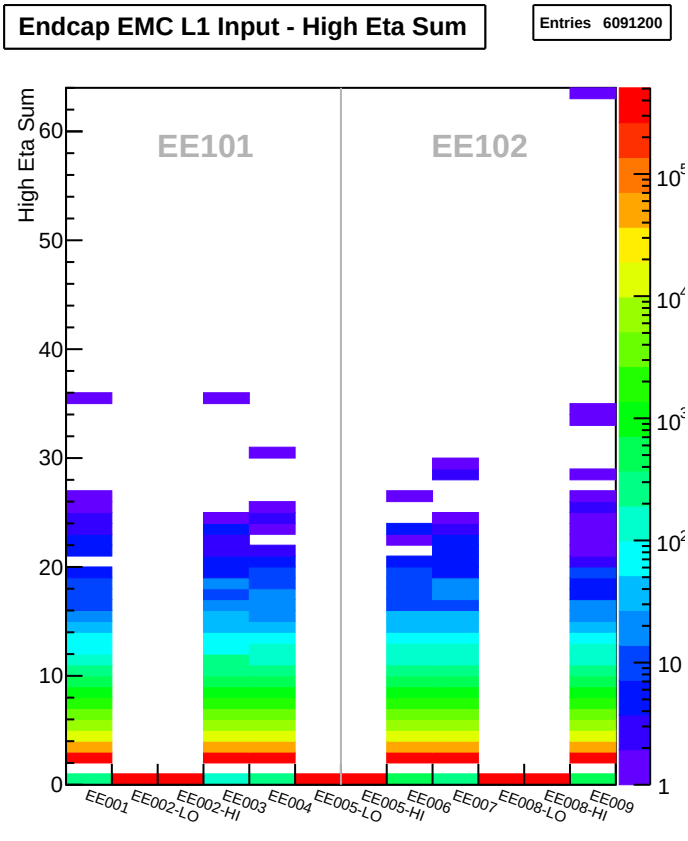

Barrel EMC L1 Input - High Tower Bits
Entries 1.827358e+07
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

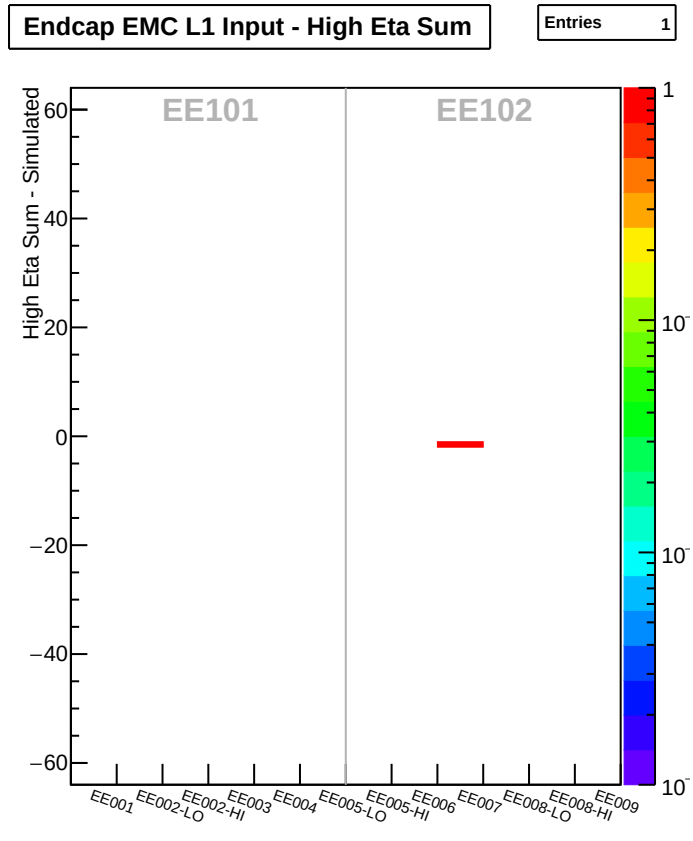

Barrel EMC L1 Input - HT.TP Bit
Entries 1.82736e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

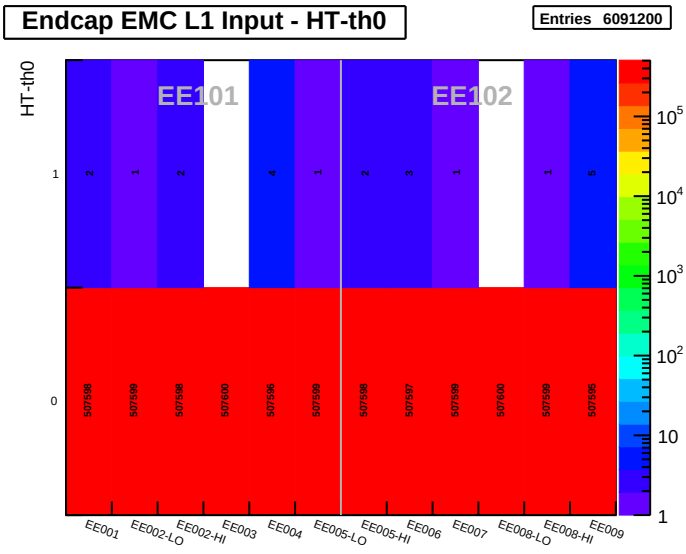

Barrel EMC L1 Input - High Tower Bits
Entries 1.800867e+07
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

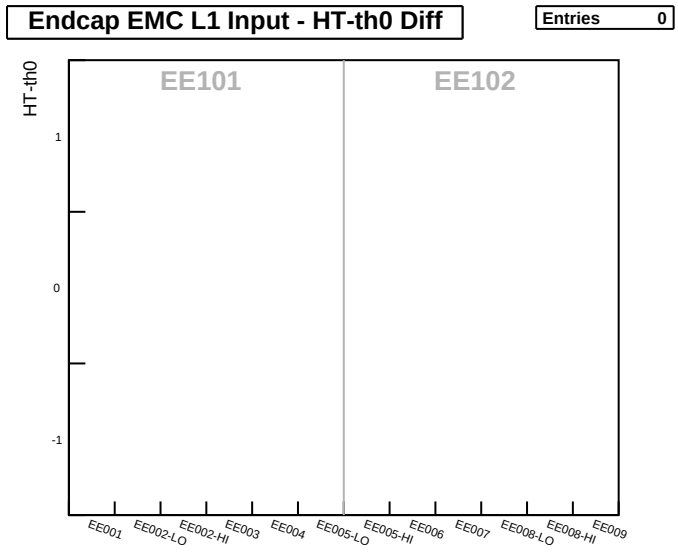

Endcap EMC L1 Input - Low Eta Sum
Entries 6091200
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

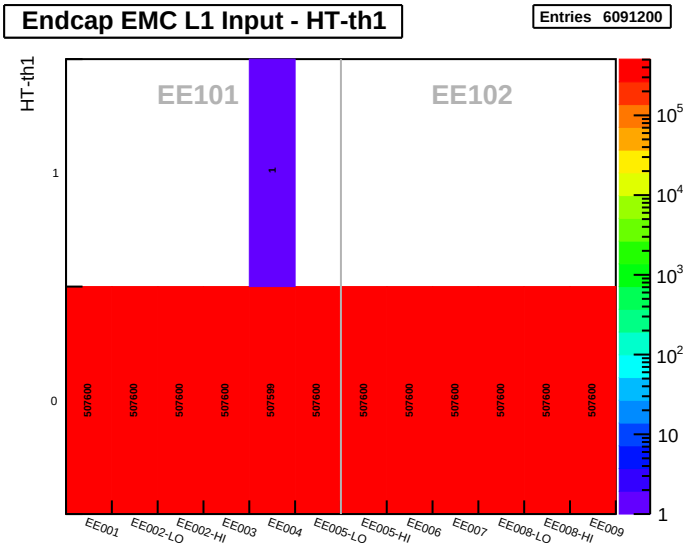

Endcap EMC L1 Input - Low Eta Sum
Entries 52057
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

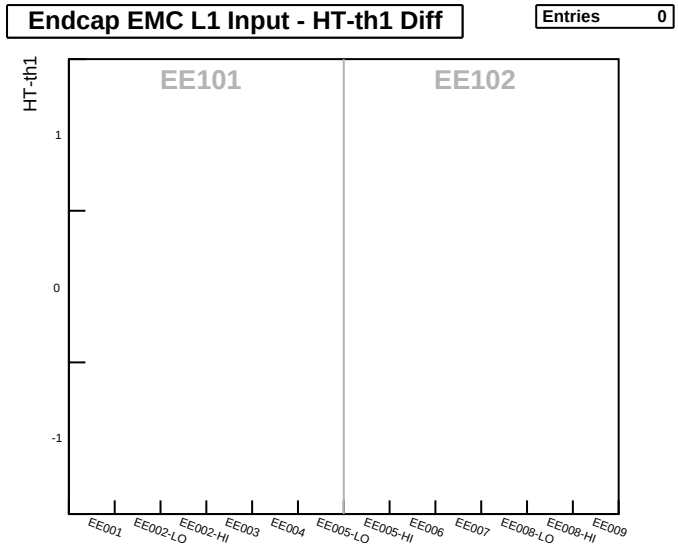

Endcap EMC L1 Input - High Eta Sum
Entries 6091200
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

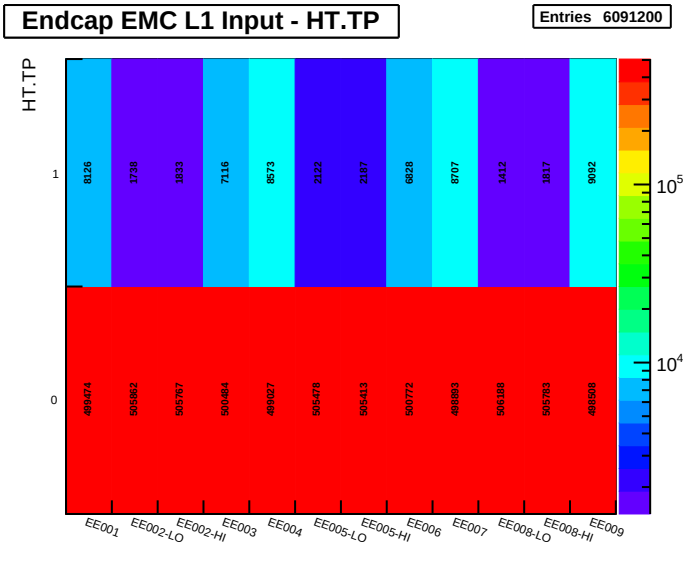

Endcap EMC L1 Input - High Eta Sum
Entries 1
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

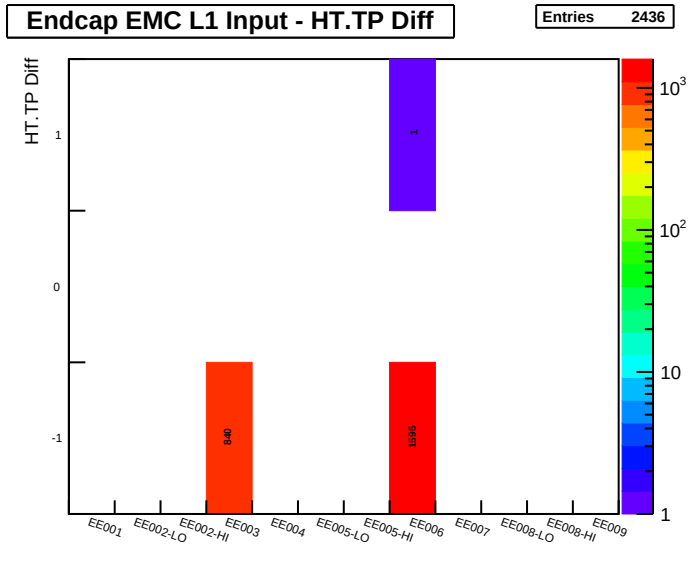

Endcap EMC L1 Input - HT-th0
Entries 6091200
HT-th0
EE101
EE102
1
0
2 1 2 4 1 2 3 1 1 5
507598 507599 507598 507600 507596 507599 507598 507597 507599 507600 507599 507595
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^5 10^4 10^3 10^2 10 1

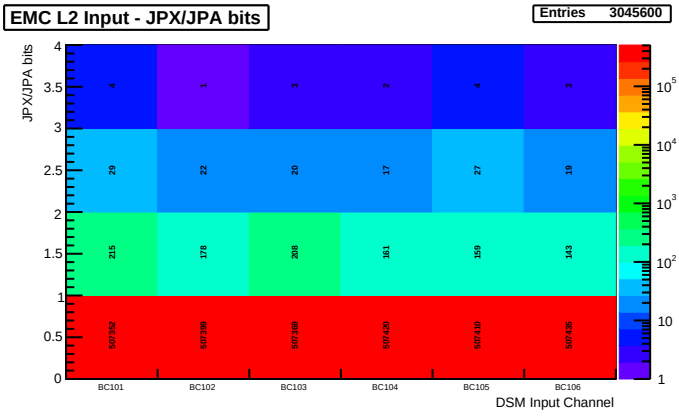

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
HT-th0
EE101
EE102
1
0
-1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

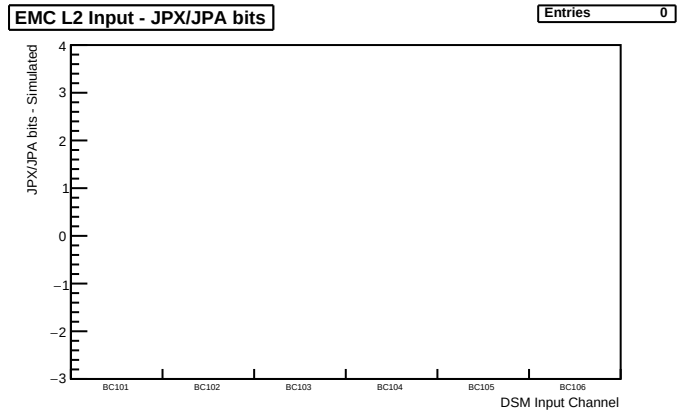

Endcap EMC L1 Input - HT-th1
Entries 6091200
HT-th1
EE101
EE102
1
0
1
507600 507600 507600 507600 507599 507600 507600 507600 507600 507600 507600 507600
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^5 10^4 10^3 10^2 10 1

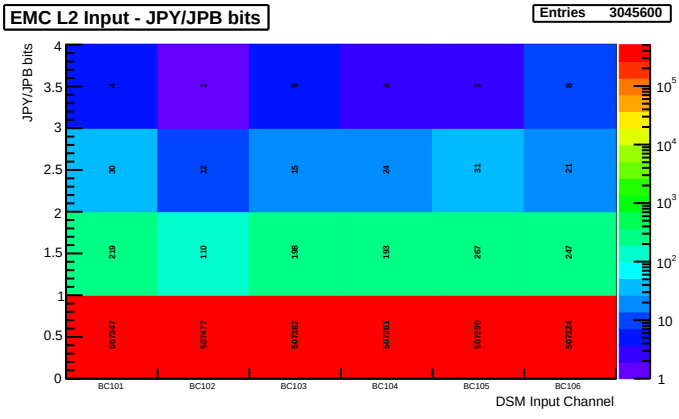

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
HT-th1
EE101
EE102
1
0
-1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

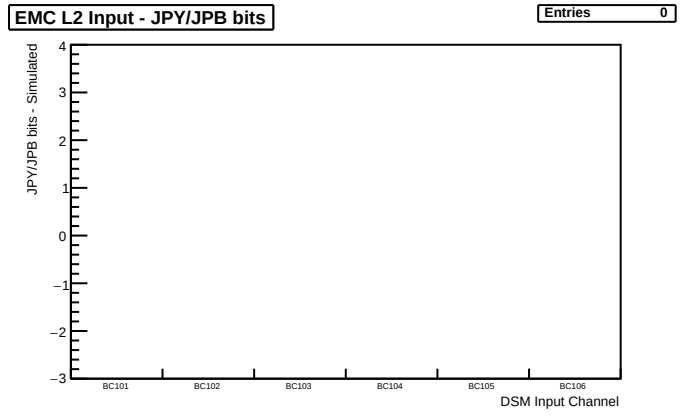

Endcap EMC L1 Input - HT.TP
Entries 6091200
HT.TP
1
0
8126 1738 1833 7116 8573 2122 2187 6828 8707 1412 1817 9092
499474 505862 505767 500484 499027 505478 505413 500772 498893 506188 505783 498508
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^5 10^4

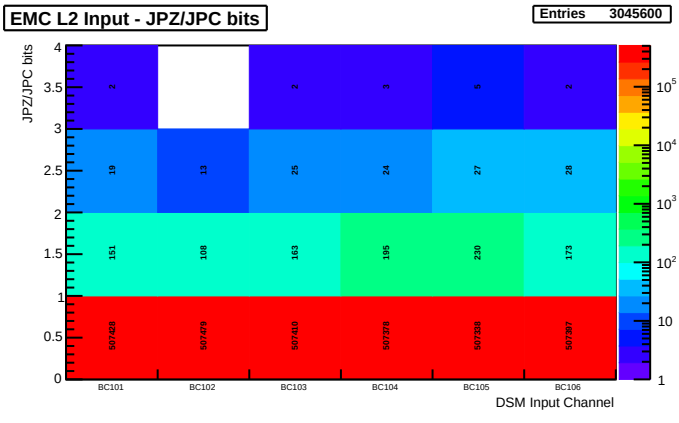

Endcap EMC L1 Input - HT.TP Diff
Entries 2436
HT.TP Diff
1
0
-1
1
840 1595
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^3 10^2 10 1

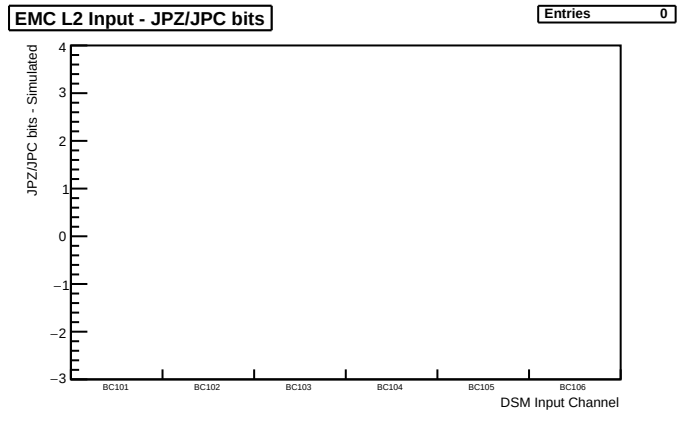

EMC L2 Input - JPX/JPA bits
Entries 3045600
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

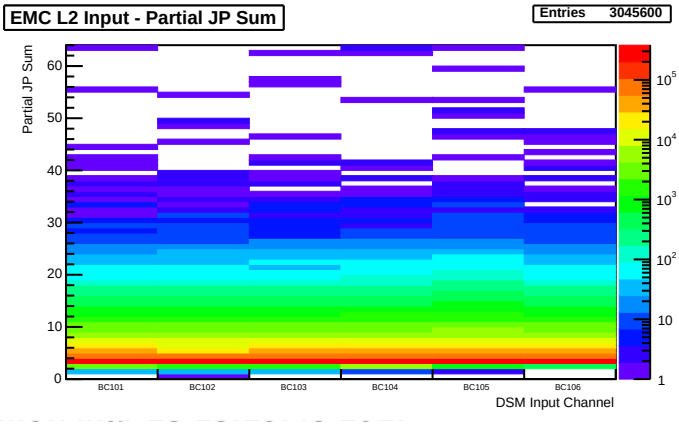

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

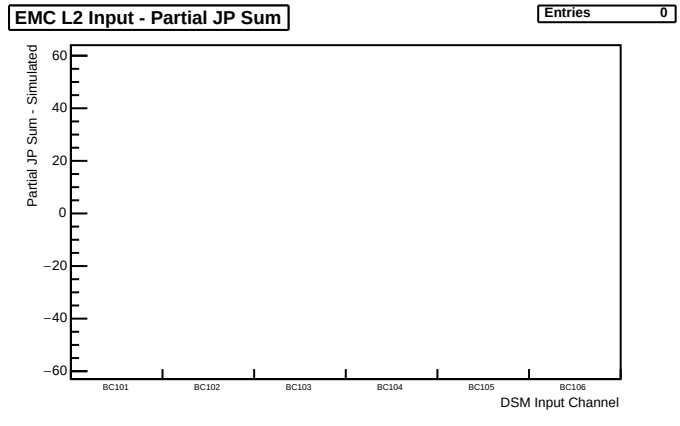

EMC L2 Input - JPY/JPB bits
Entries 3045600
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

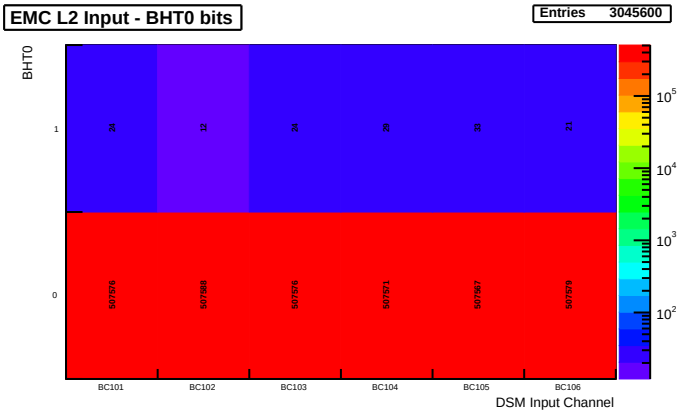

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

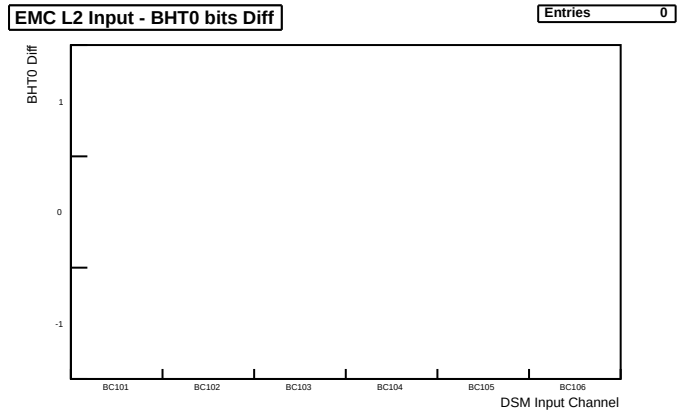

EMC L2 Input - JPZ/JPC bits
Entries 3045600
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

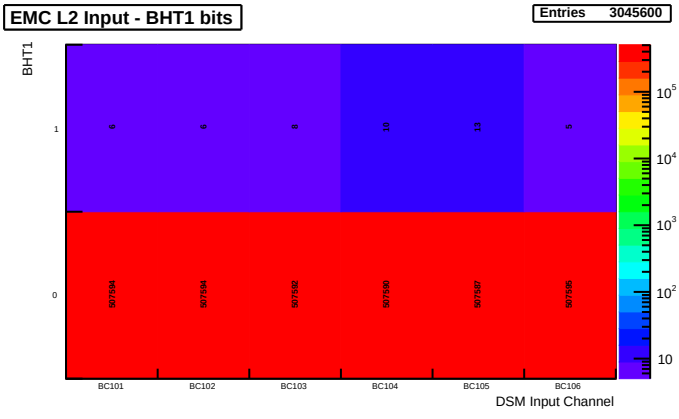

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

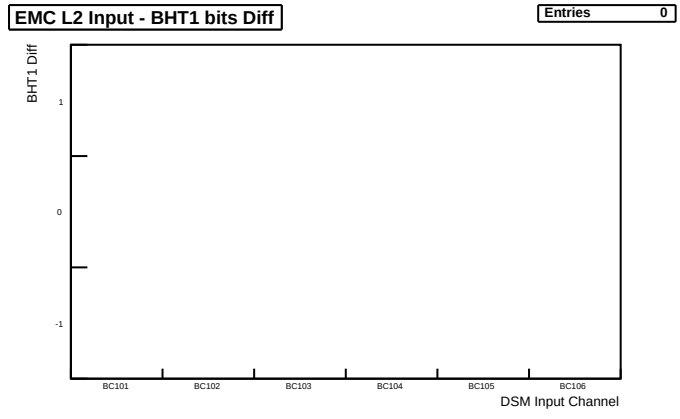

EMC L2 Input - Partial JP Sum
Entries 3045600
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

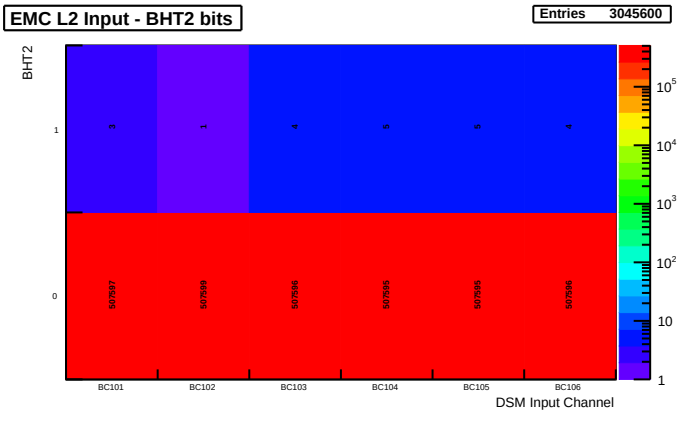

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

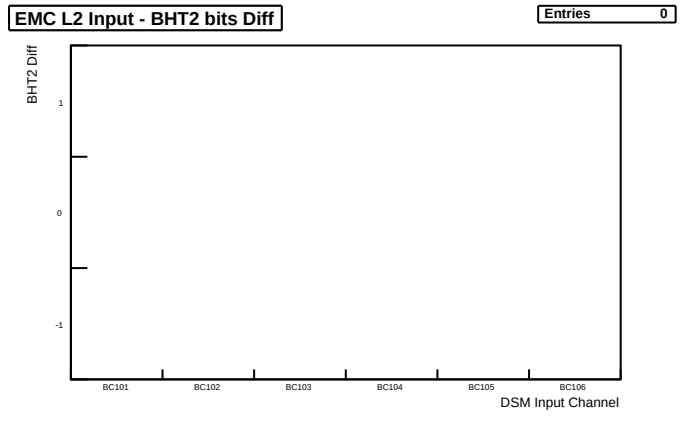

EMC L2 Input - BHT0 bits
Entries 3045600
BHT0
1
0
24
12
24
28
33
21
507576
507588
507576
507571
507567
507579
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^5
10^4
10^3
10^2

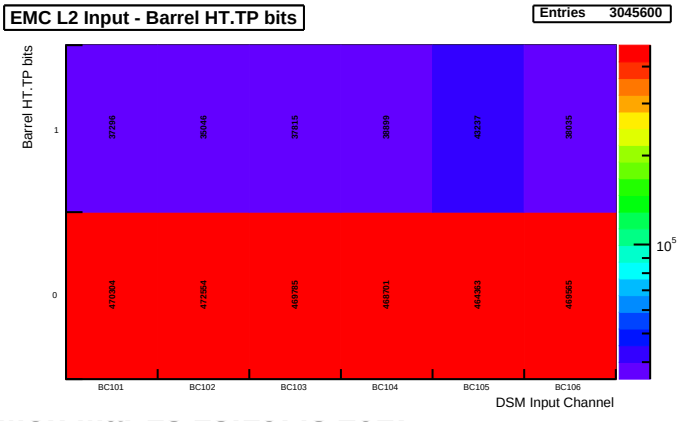

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

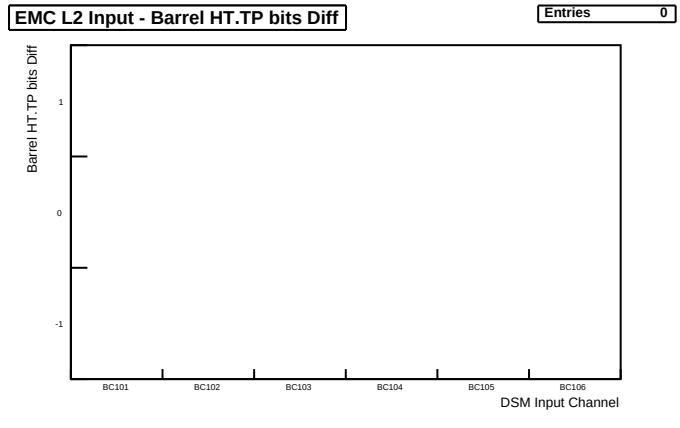

EMC L2 Input - BHT1 bits
Entries 3045600
BHT1
1
0
6
6
8
10
13
5
507594
507594
507592
507590
507587
507585
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^5
10^4
10^3
10^2
10

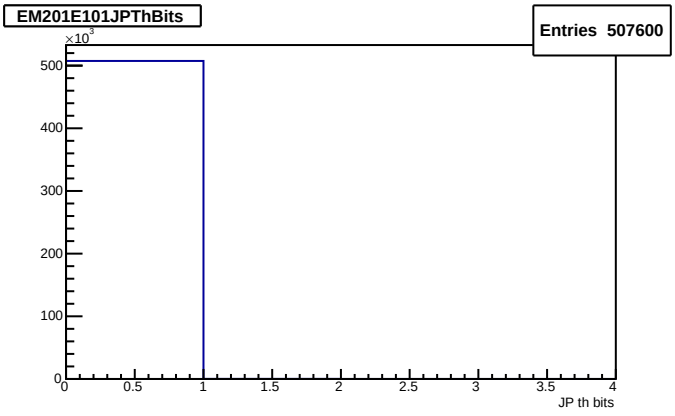

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

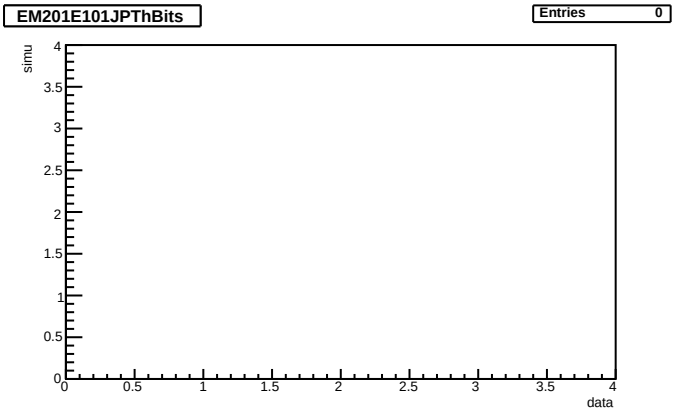

EMC L2 Input - BHT2 bits
Entries 3045600
BHT2
1
0
3
1
4
5
5
4
507597
507599
507596
507595
507595
507596
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^5
10^4
10^3
10^2
10
1

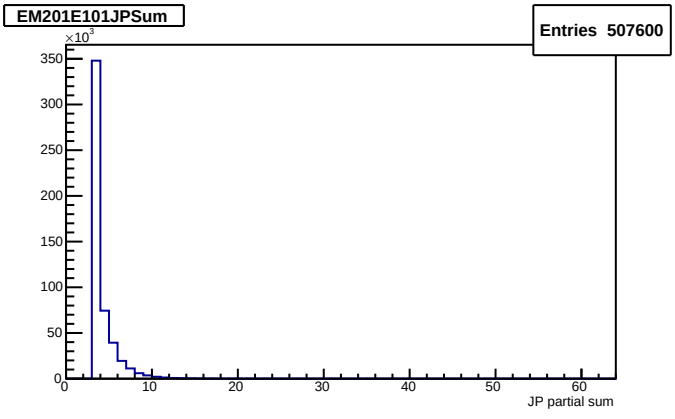

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

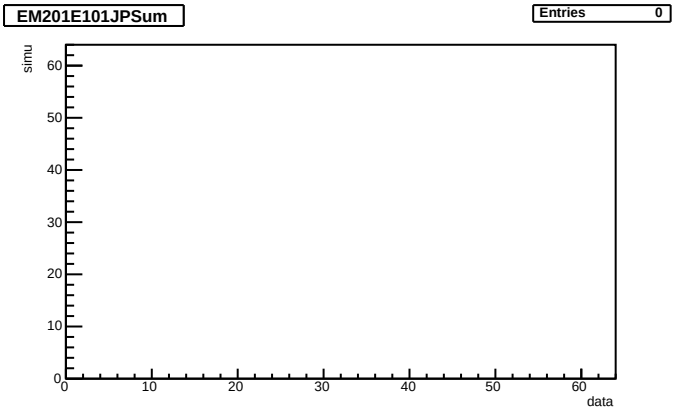

EMC L2 Input - Barrel HT.TP bits
Entries 3045600
Barrel HT.TP bits
1
0
37236
35046
37815
38899
43237
38035
470304
472504
469985
468701
464363
469865
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^5

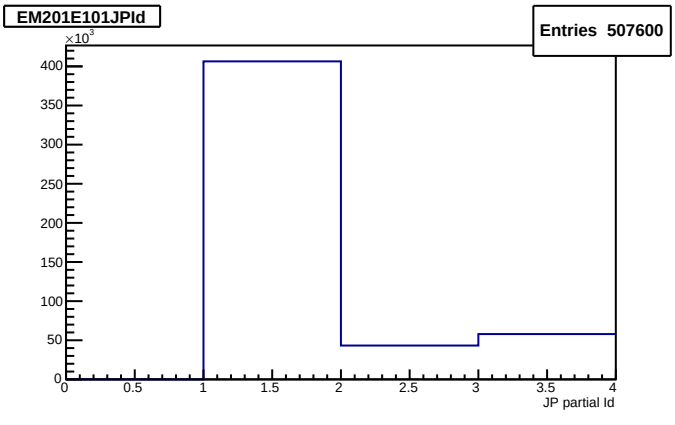

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

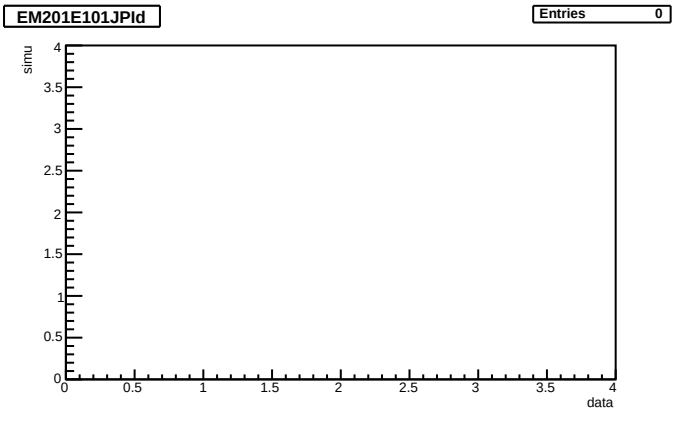

EM201E101JPThBits
Entries 507600
×10^3
JP th bits

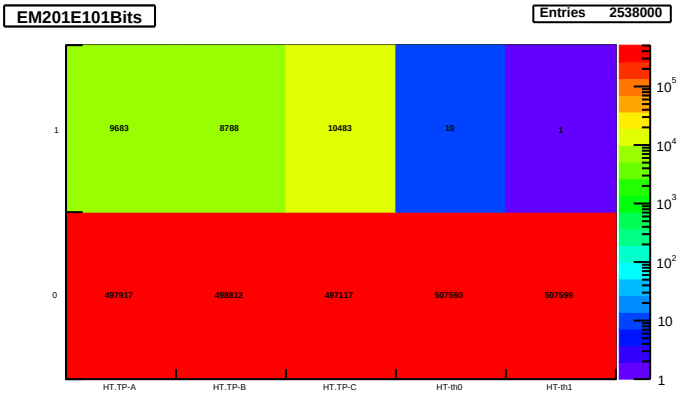

EM201E101JPThBits
Entries 0
simu
data

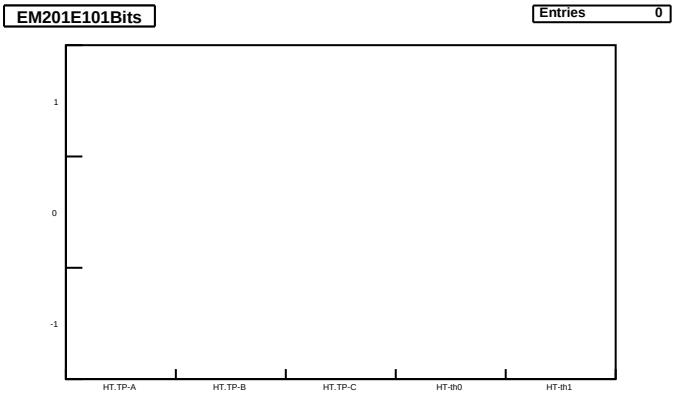

EM201E101JPSum
Entries 507600
×10^3
JP partial sum

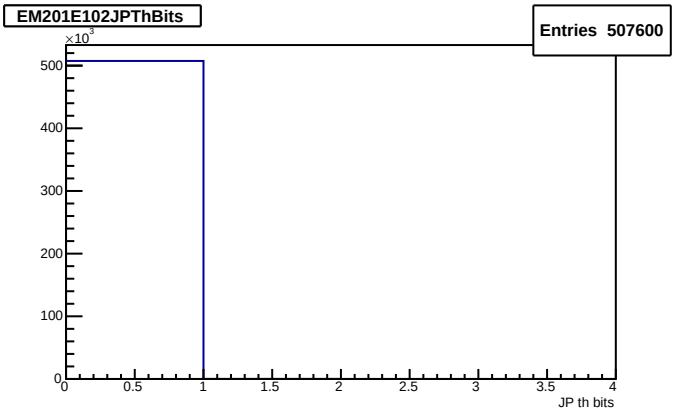

EM201E101JPSum
Entries 0
simu
data

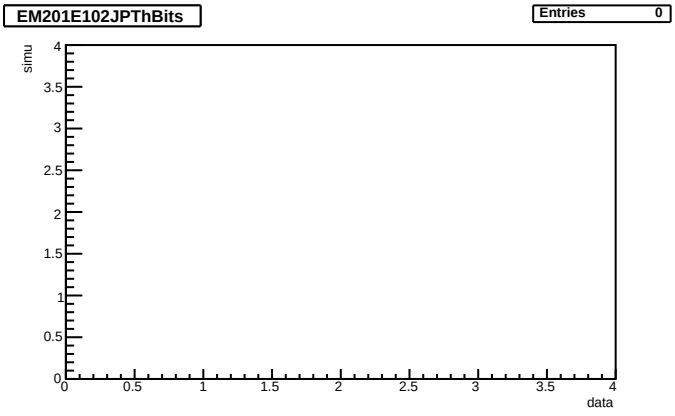

EM201E101JPId
Entries 507600
×10^3
JP partial Id

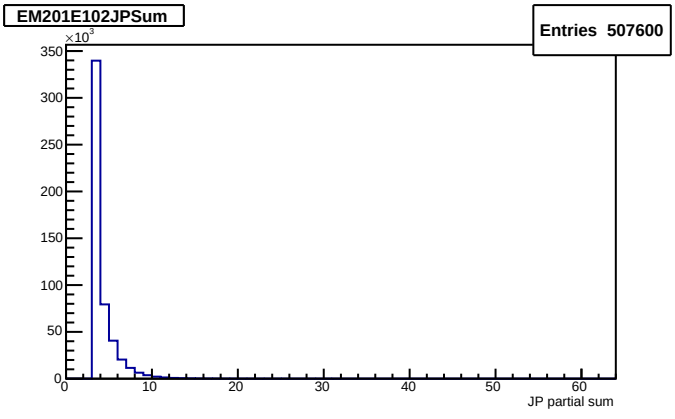

EM201E101JPId
Entries 0
simu
data

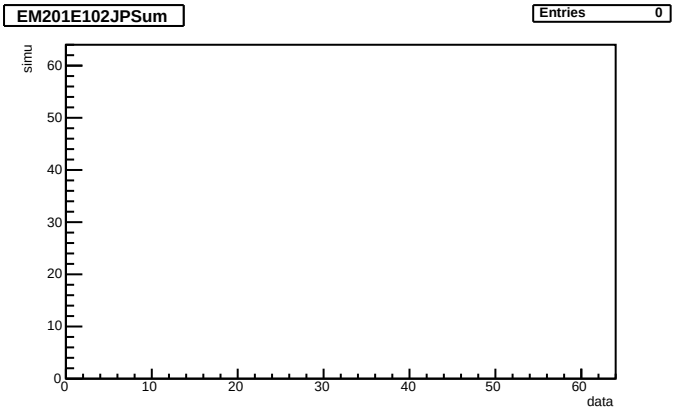

EM201E101Bits
Entries 2538000
9683
8788
10483
10
1
497917
498812
497117
507590
507599
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

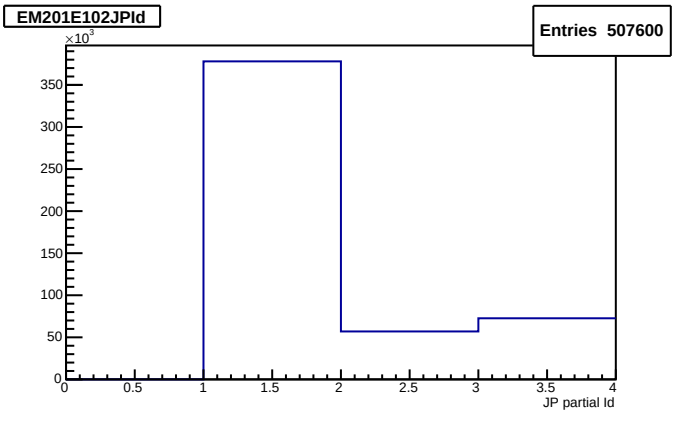

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

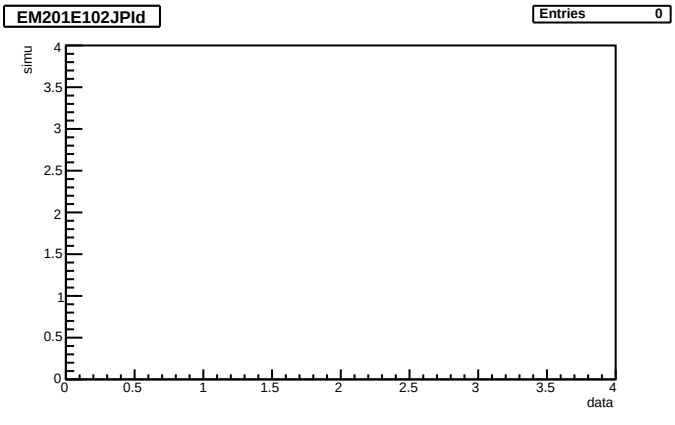

EM201E102JPThBits
Entries 507600
×10^3
JP th bits

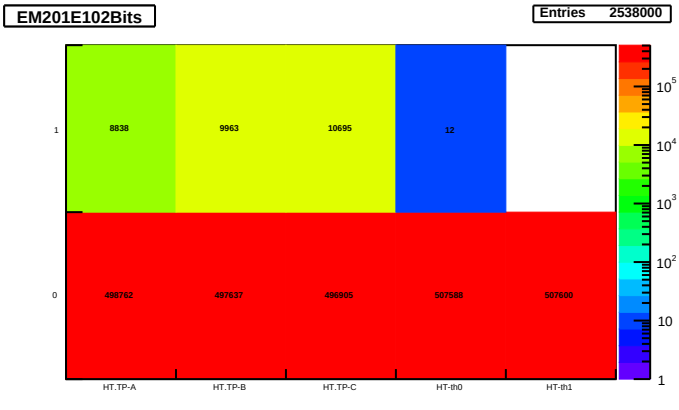

EM201E102JPThBits
Entries 0
simu
data

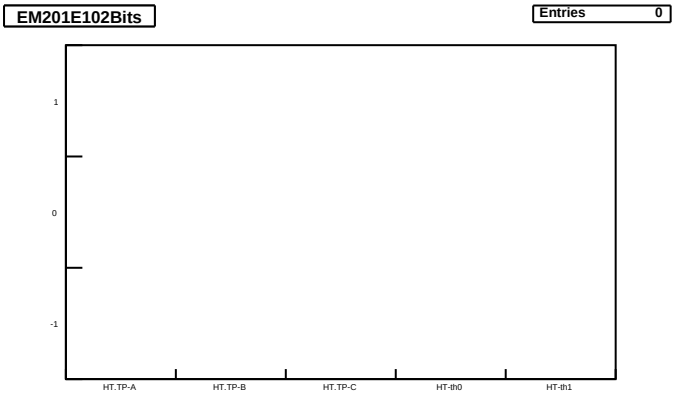

EM201E102JPSum
Entries 507600
×10^3
JP partial sum

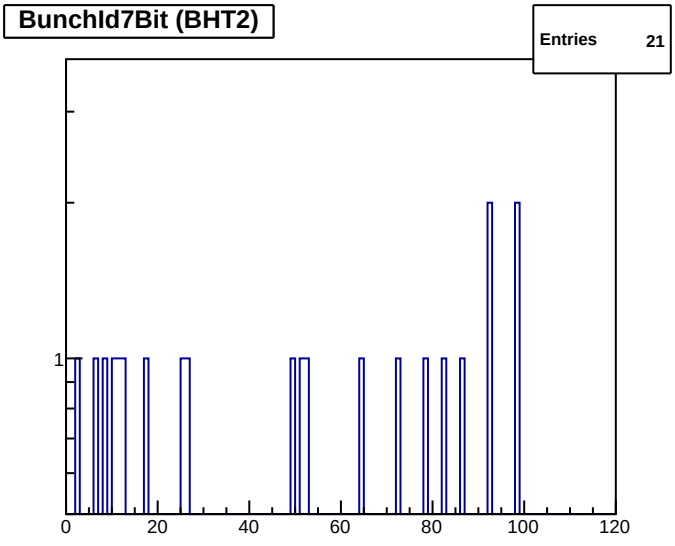

EM201E102JPSum
Entries 0
simu
data

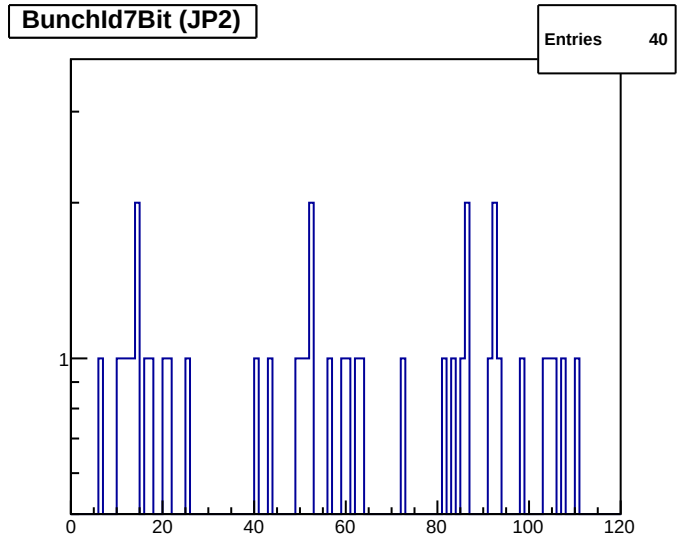

EM201E102JPId
Entries 507600
×10^3
JP partial Id

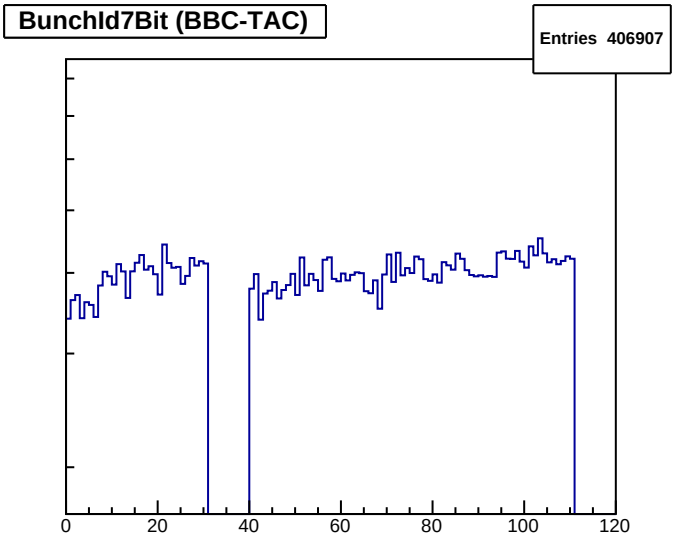

EM201E102JPId
Entries 0
simu
data

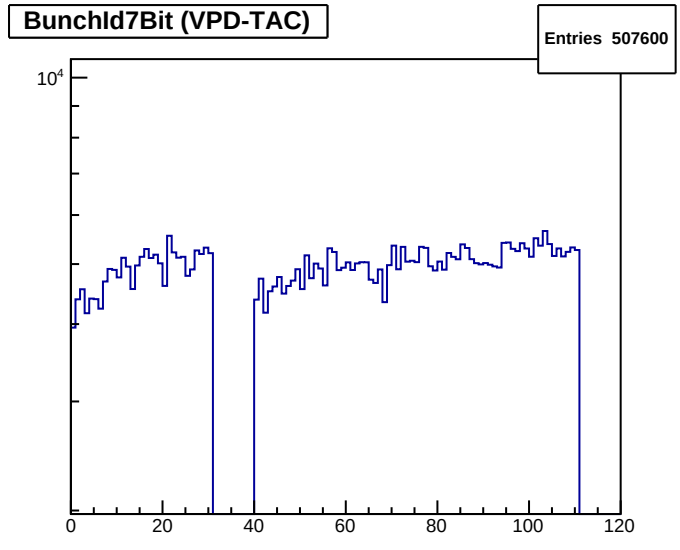

EM201E102Bits
Entries 2538000
8838
9963
10695
12
498762
497637
496905
507588
507600
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

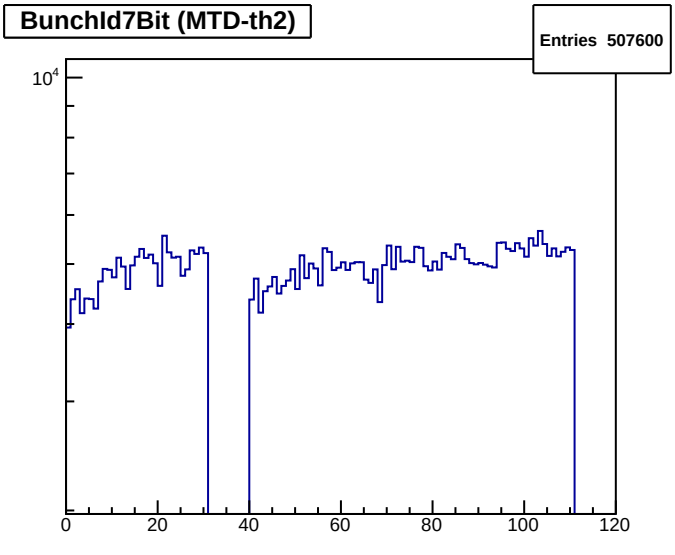

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

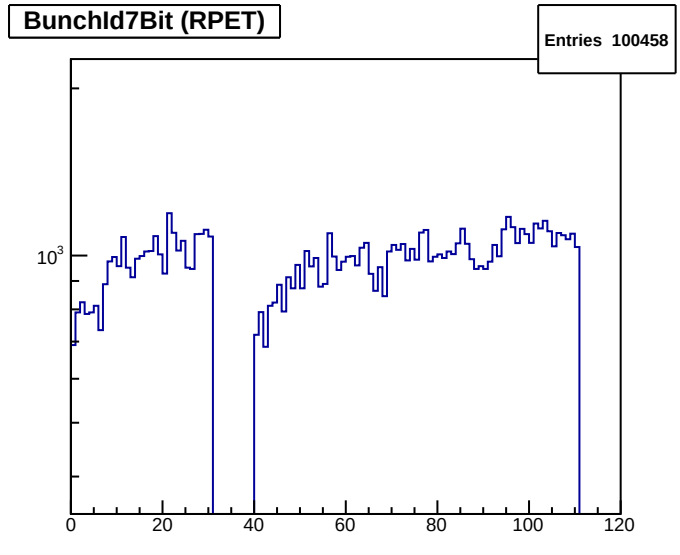

BunchId7Bit (BHT2)
Entries 21
1
0
20
40
60
80
100
120

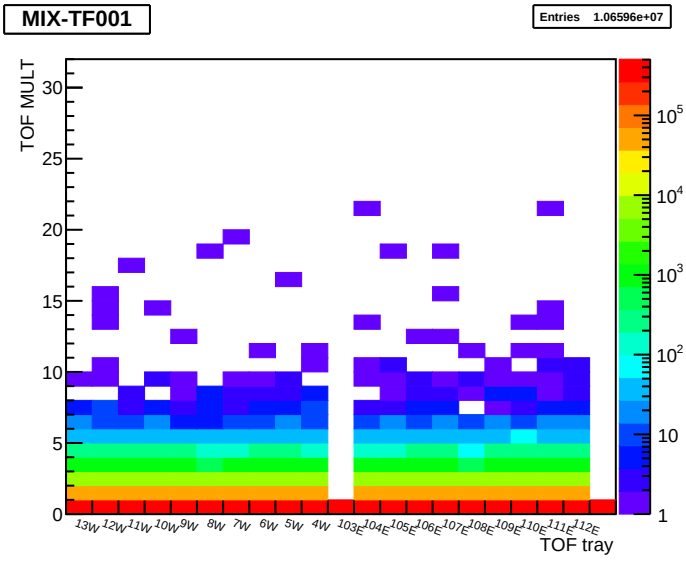

BunchId7Bit (JP2)
Entries 40
1
0
20
40
60
80
100
120

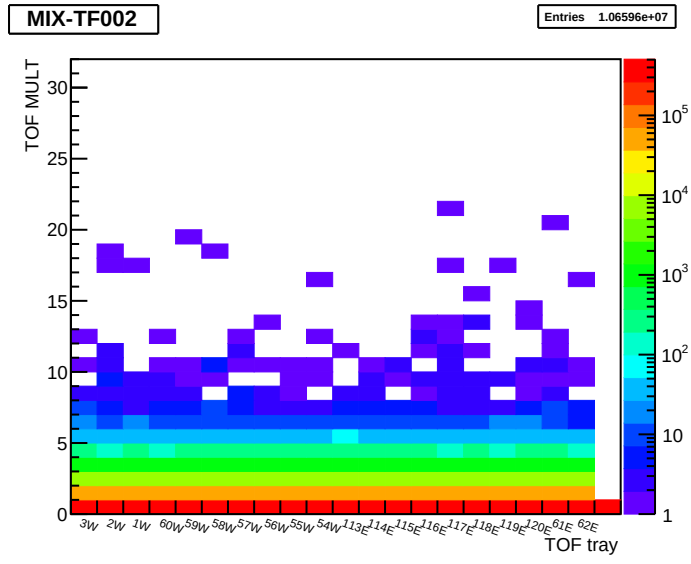

BunchId7Bit (BBC-TAC)
Entries 406907
0
20
40
60
80
100
120

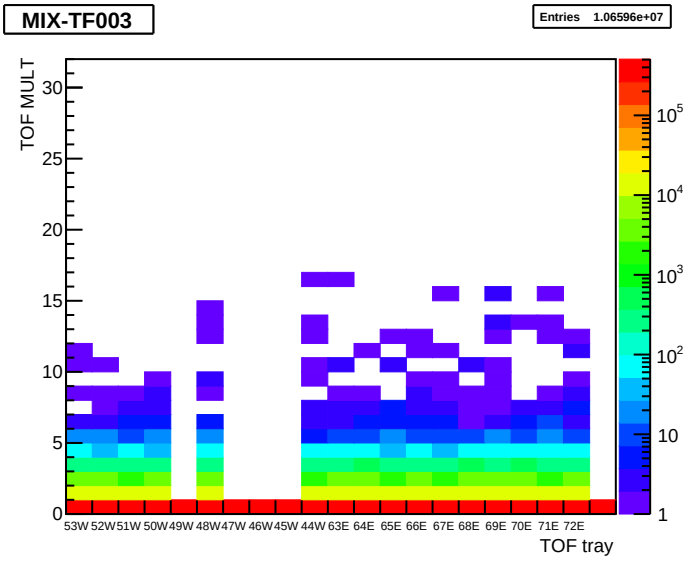

BunchId7Bit (VPD-TAC)
Entries 507600
10^4
0
20
40
60
80
100
120

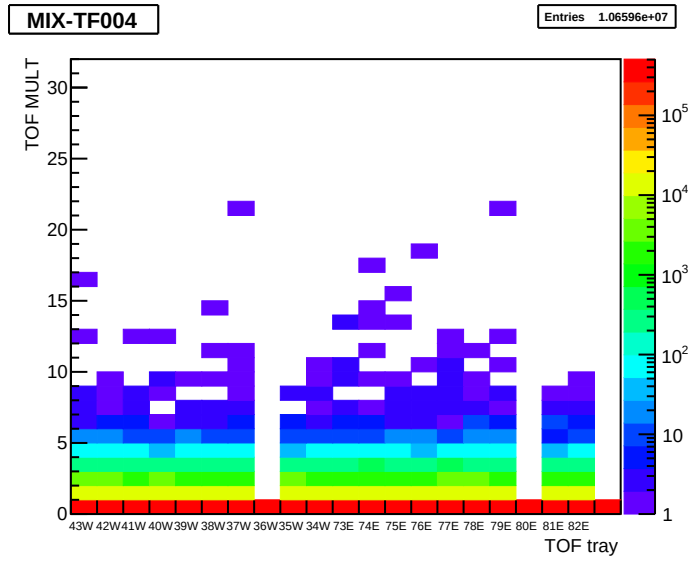

BunchId7Bit (MTD-th2)
Entries 507600
10^4
0
20
40
60
80
100
120

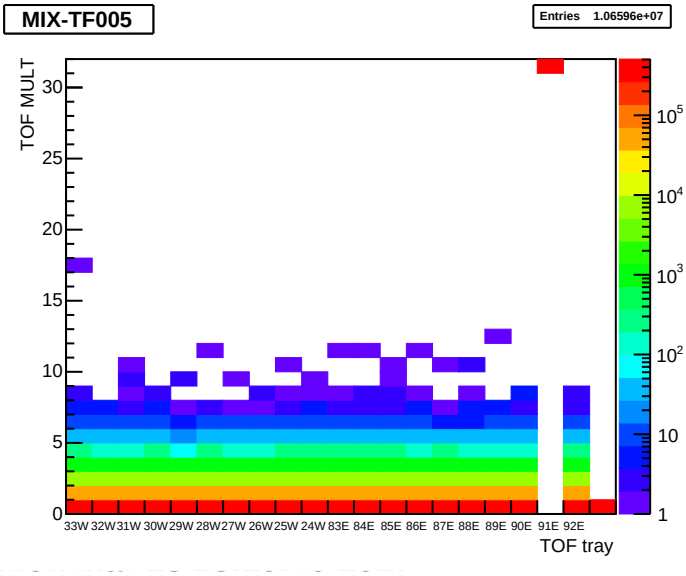

BunchId7Bit (RPET)
Entries 100458
10^3
0
20
40
60
80
100
120

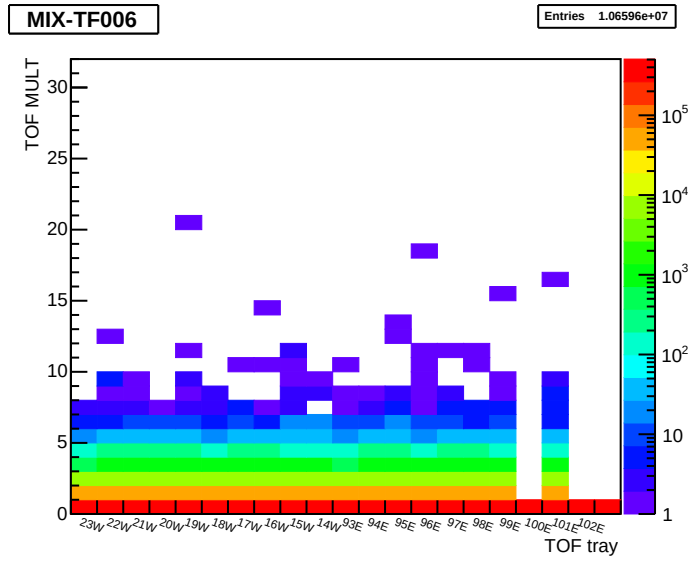

MIX-TF001
Entries 1.06596e+07
TOF MULT
TOF tray

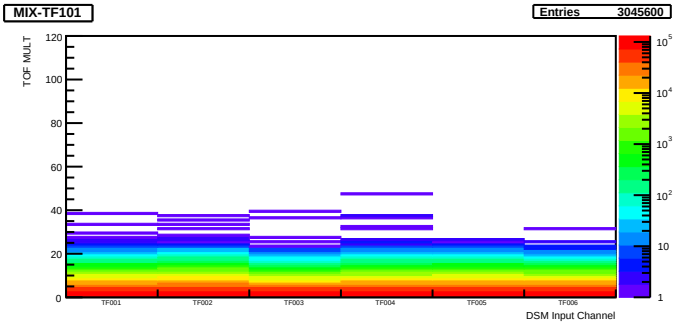

MIX-TF002
Entries 1.06596e+07
TOF MULT
TOF tray

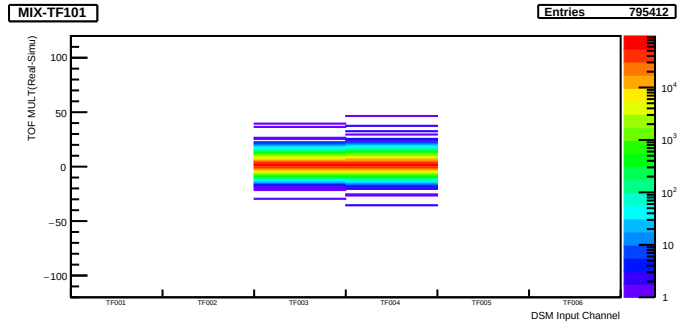

MIX-TF003
Entries 1.06596e+07
TOF MULT
TOF tray

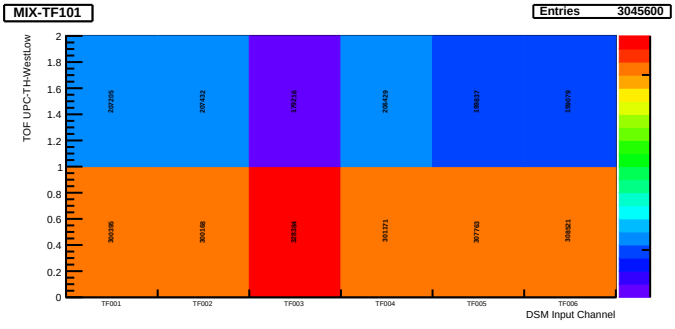

MIX-TF004
Entries 1.06596e+07
TOF MULT
TOF tray

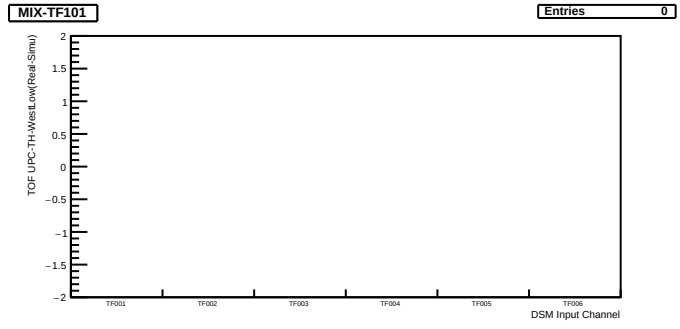

MIX-TF005
Entries 1.06596e+07
TOF MULT
TOF tray

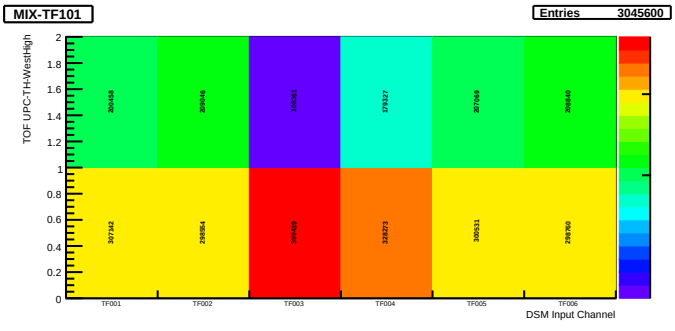

MIX-TF006
Entries 1.06596e+07
TOF MULT
TOF tray

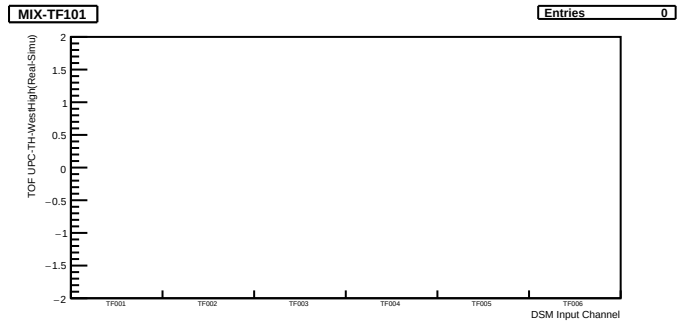

MIX-TF101
Entries 3045600
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

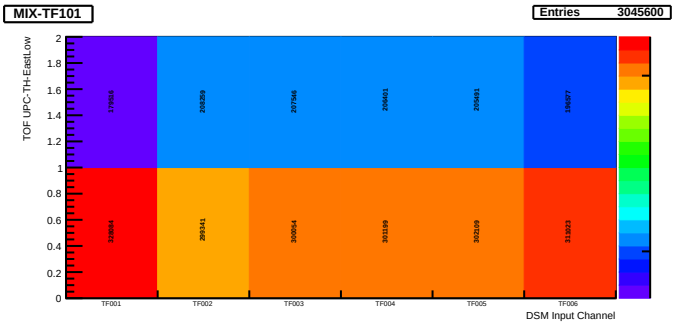

MIX-TF101
Entries 795412
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

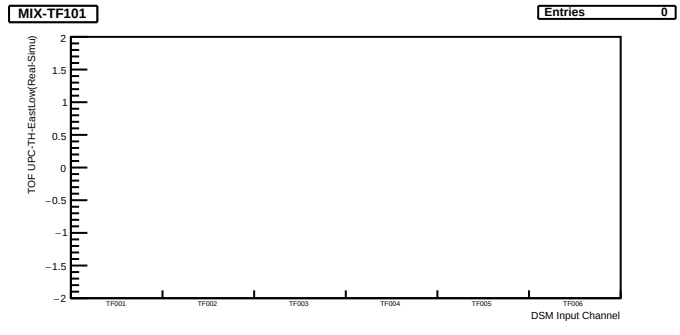

MIX-TF101
Entries 3045600
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

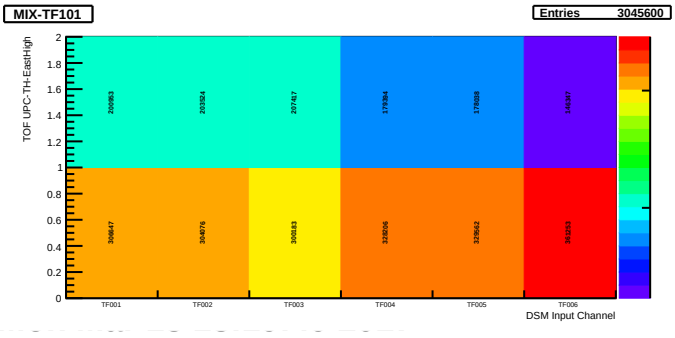

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

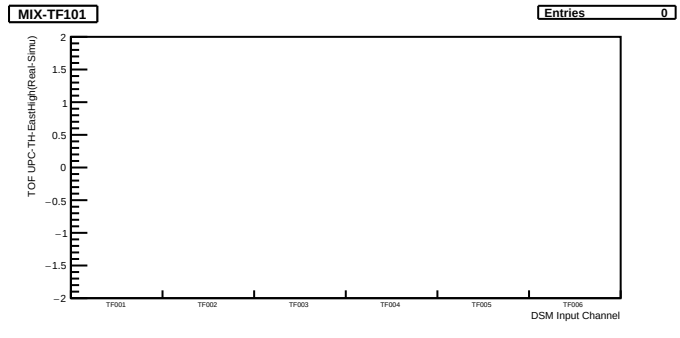

MIX-TF101
Entries 3045600
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

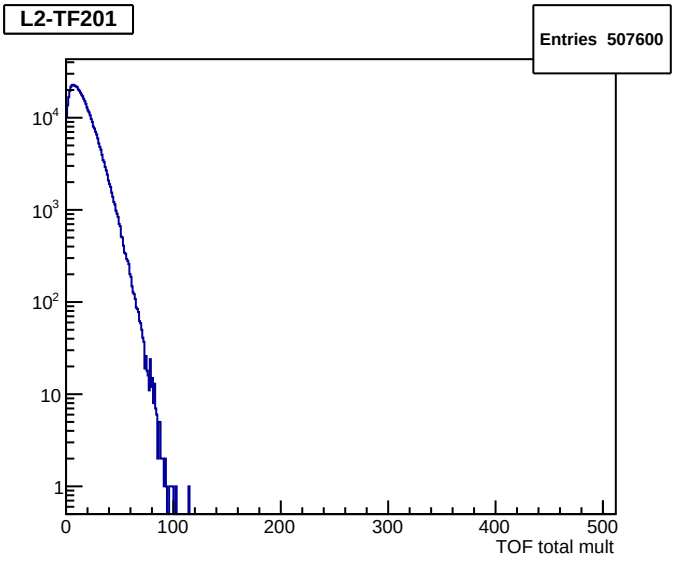

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

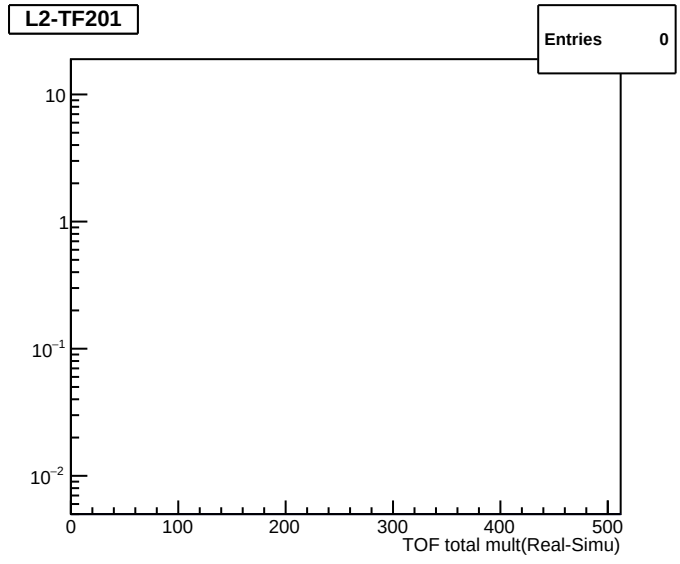

MIX-TF101
Entries 3045600
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

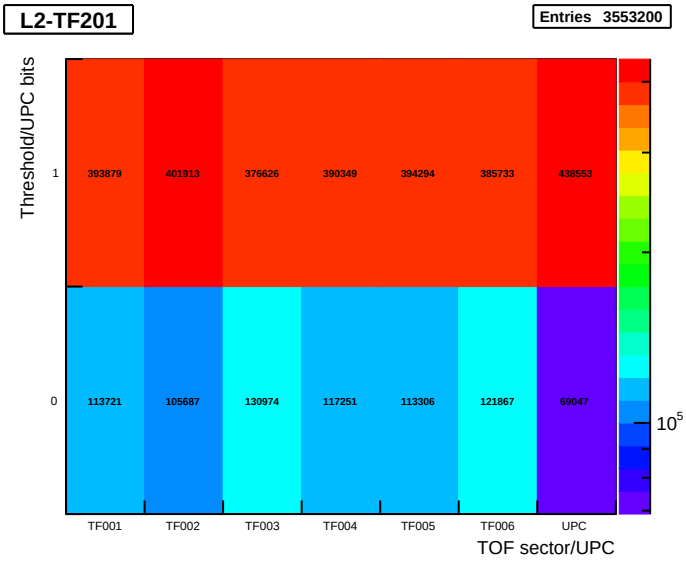

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

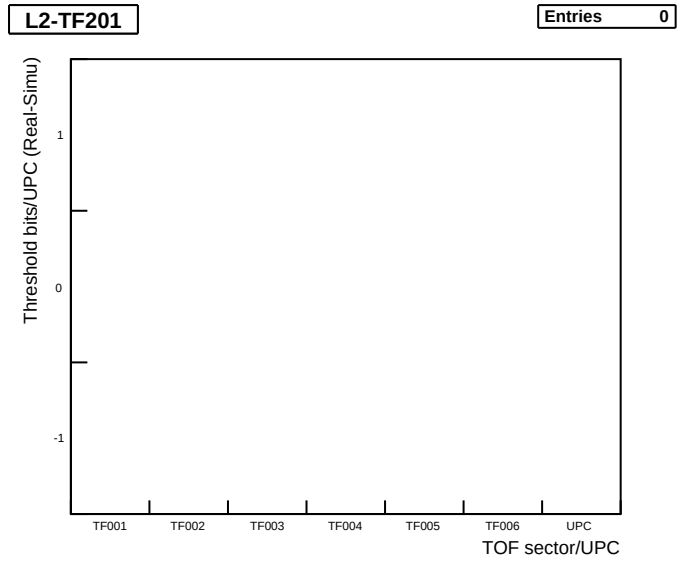

MIX-TF101
Entries 3045600
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

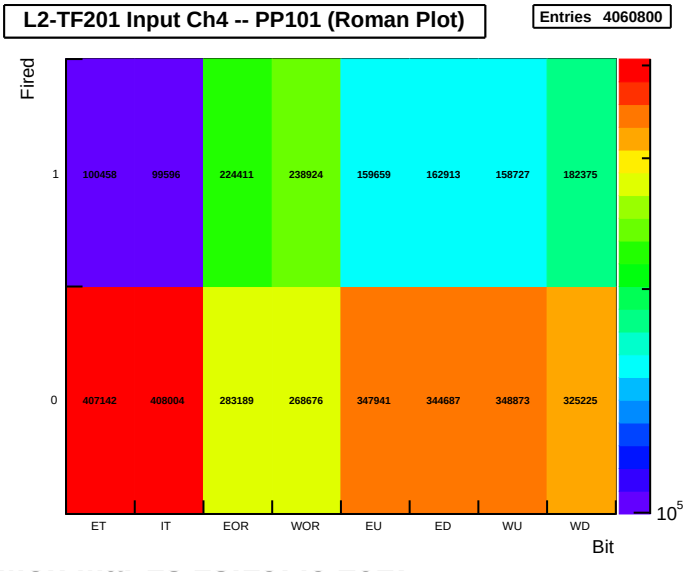

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

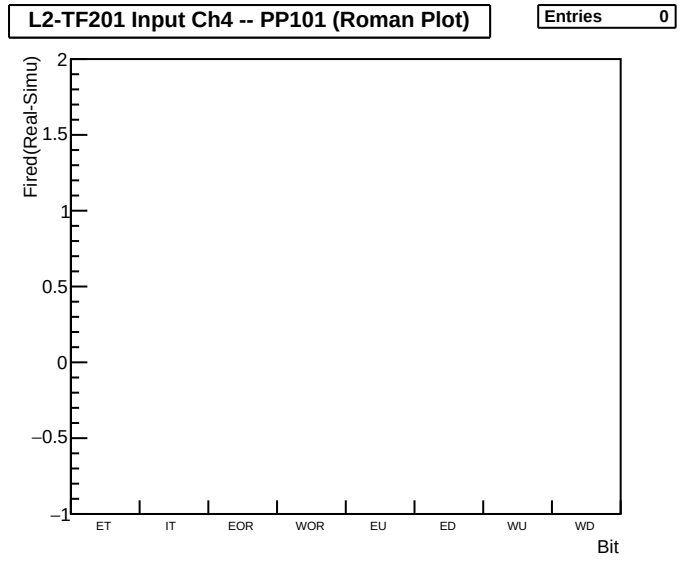

L2-TF201
Entries 507600
TOF total mult

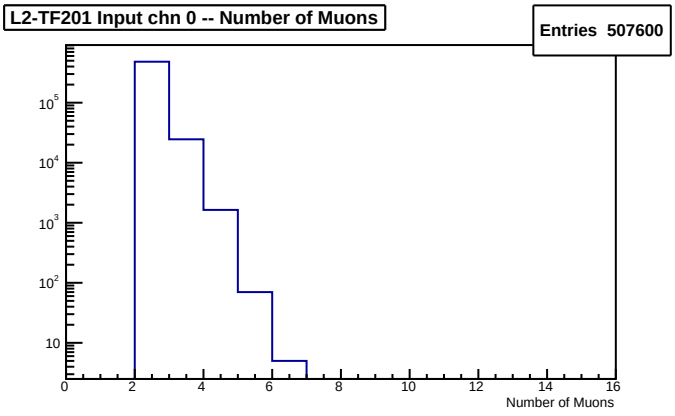

L2-TF201
Entries 0
TOF total mult(Real-Simu)

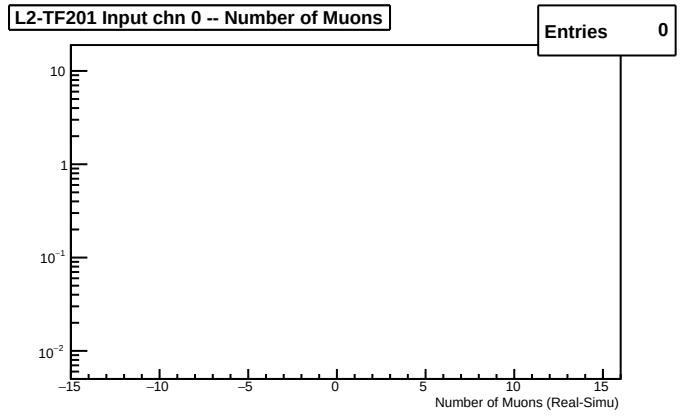

L2-TF201
Entries 3553200
Threshold/UPC bits
393879
401913
376626
390349
394294
385733
438553
113721
105687
130974
117251
113306
121867
69047
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

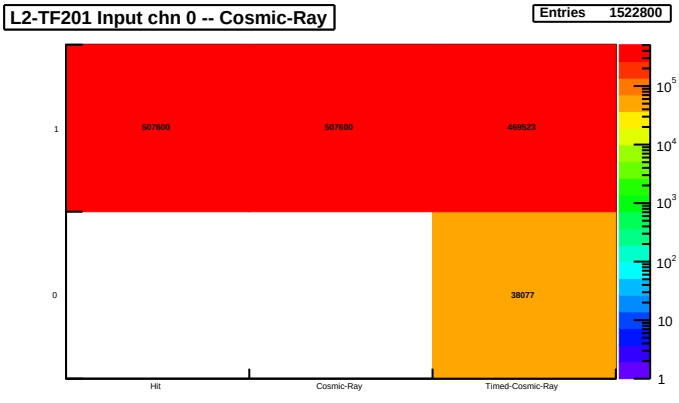

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

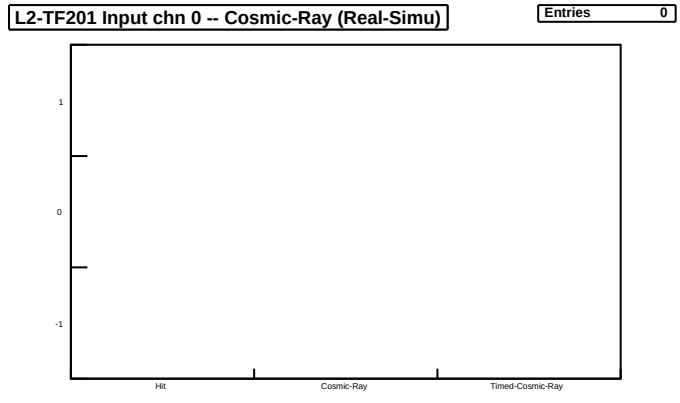

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 4060800
Fired
100458
99596
224411
238924
159659
162913
158727
182375
407142
408004
283189
268676
347941
344687
348873
325225
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

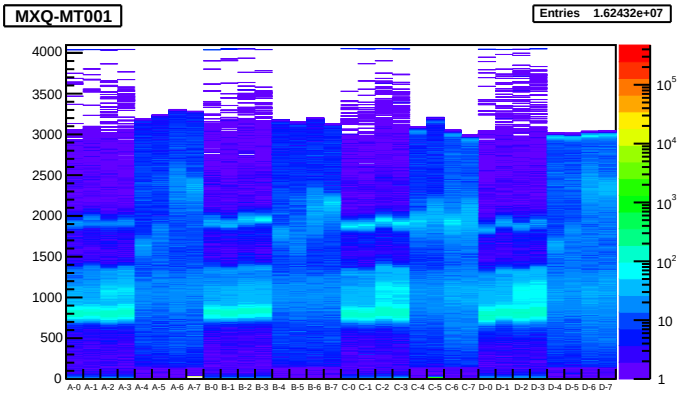

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

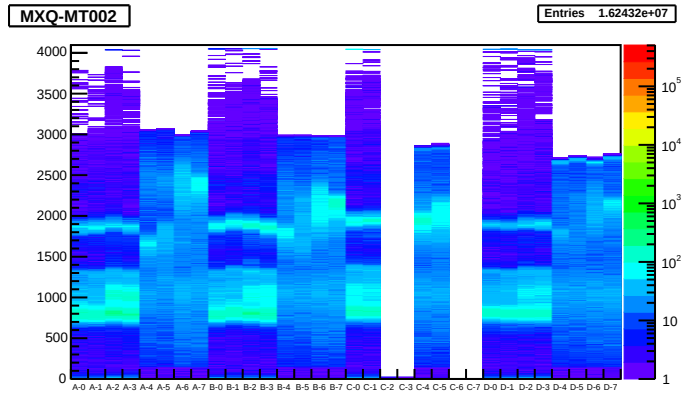

L2-TF201 Input chn 0 -- Number of Muons
Entries 507600
Number of Muons


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


L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1522800
507600
507600
469523
38077
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 1.62432e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^5
10^4
10^3
10^2
10
1


MXQ-MT002
Entries 1.62432e+07
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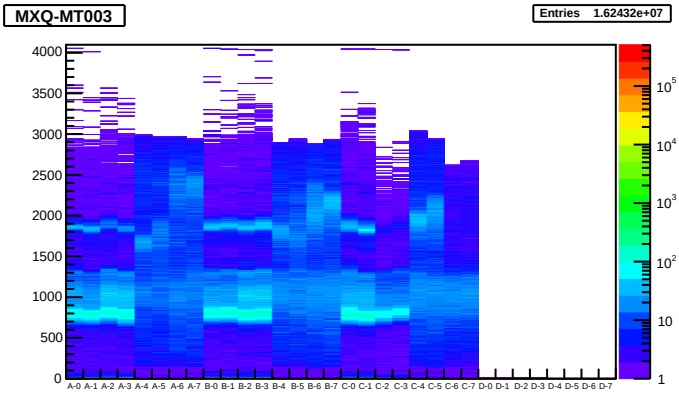
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^5
10^4
10^3
10^2
10
1


MXQ-MT003
Entries 1.62432e+07
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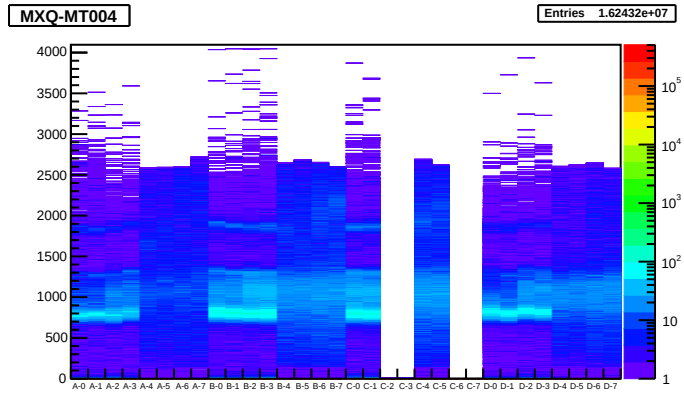
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^5
10^4
10^3
10^2
10
1


MXQ-MT004
Entries 1.62432e+07
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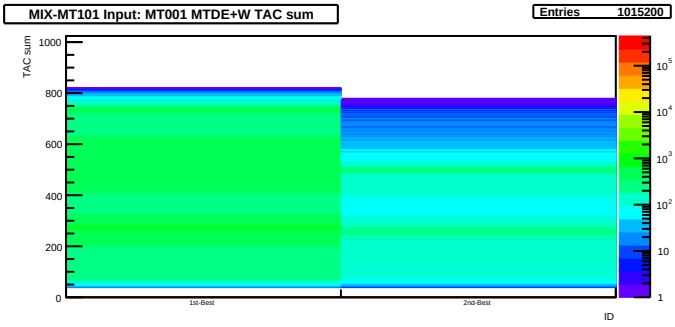
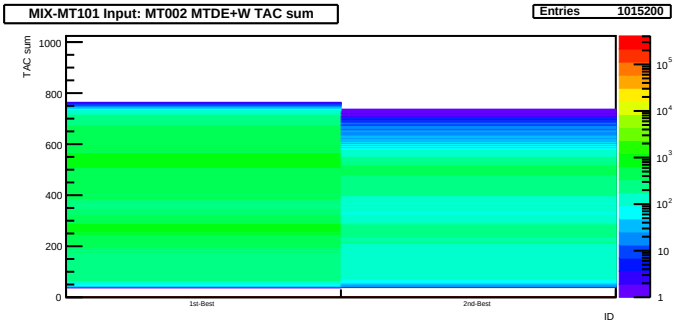
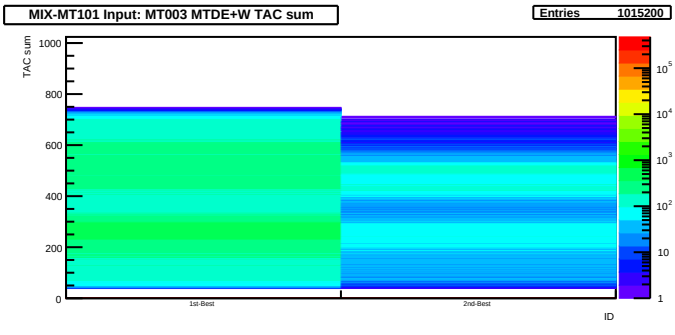
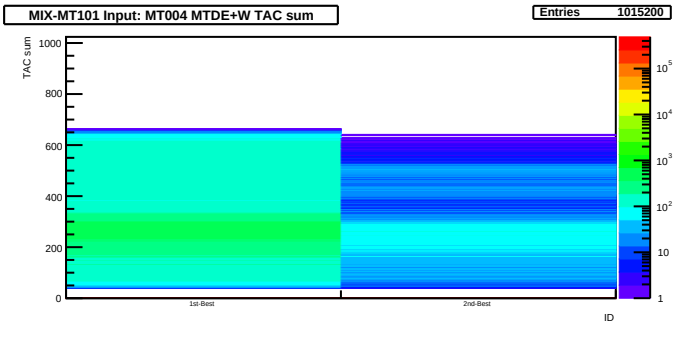
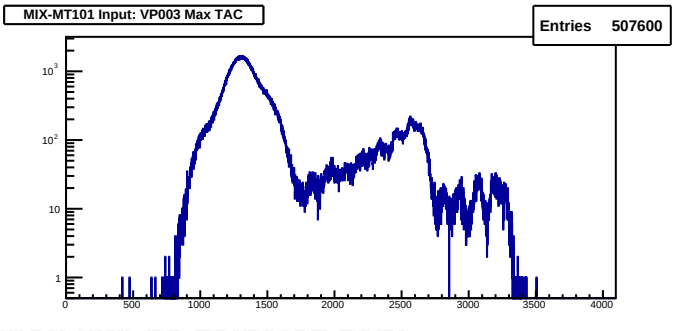
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^5
10^4
10^3
10^2
10
1

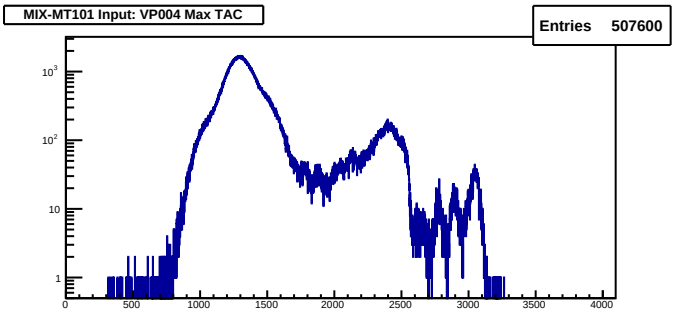

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1015200
TAC sum
1st-Best
2nd-Best
ID

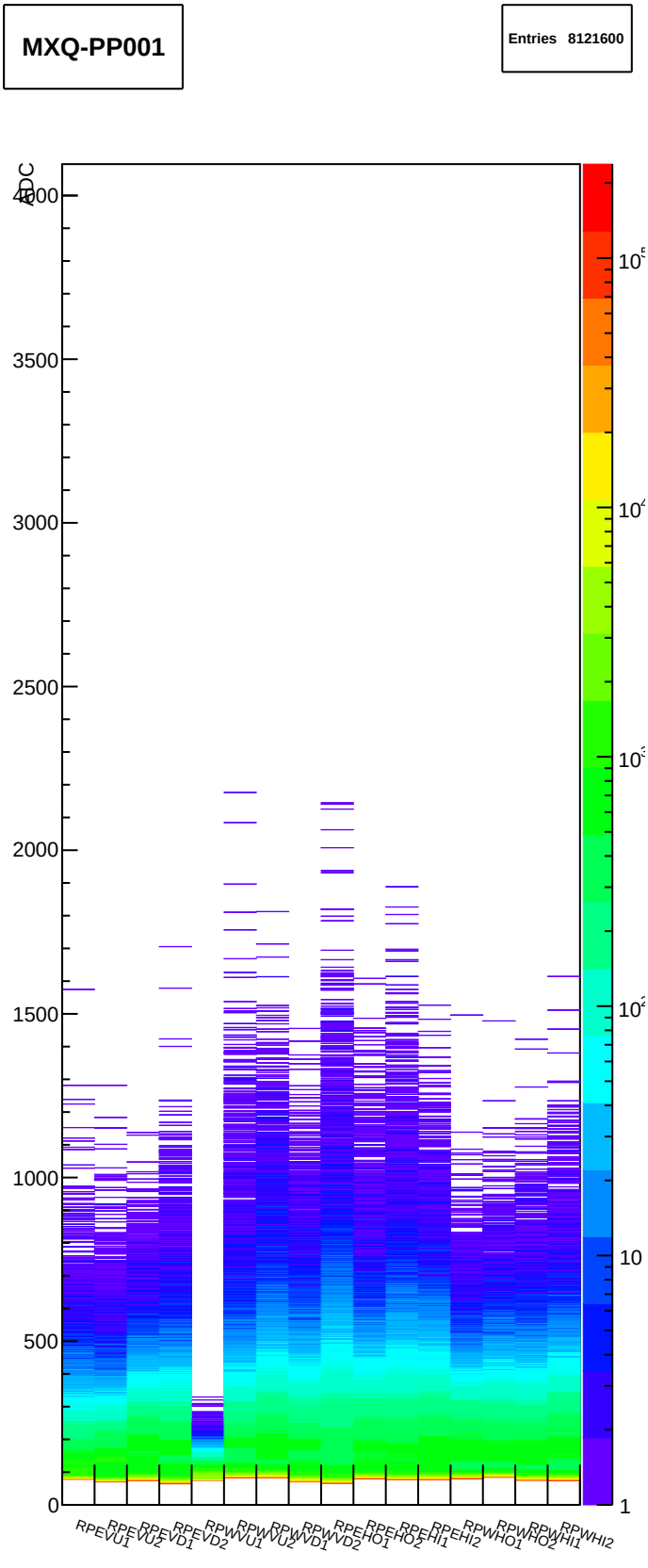

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1015200
TAC sum
1st-Best
2nd-Best
ID

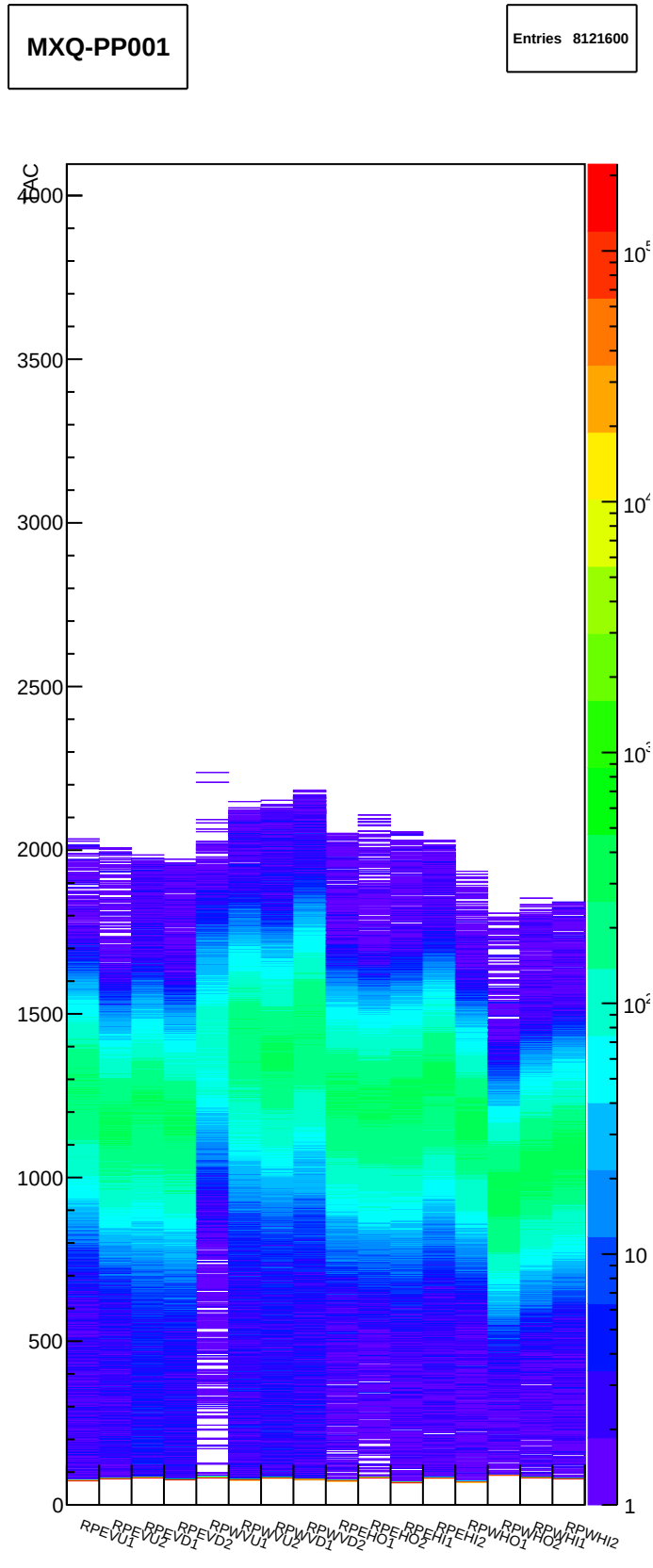

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1015200
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1015200
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: VP003 Max TAC
Entries 507600


MIX-MT101 Input: VP004 Max TAC
Entries 507600


MXQ-PP001
Entries 8121600
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
1


MXQ-PP001
Entries 8121600
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
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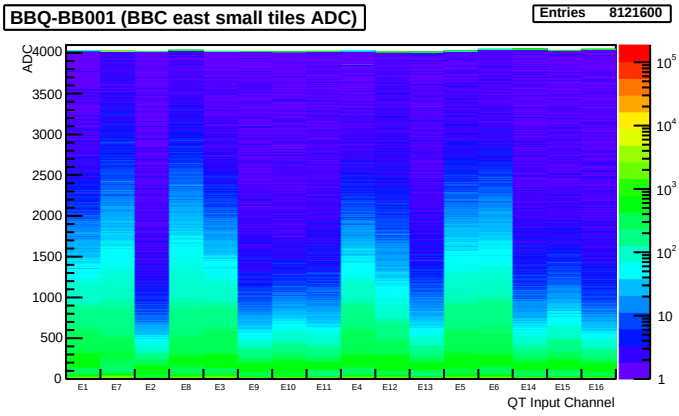
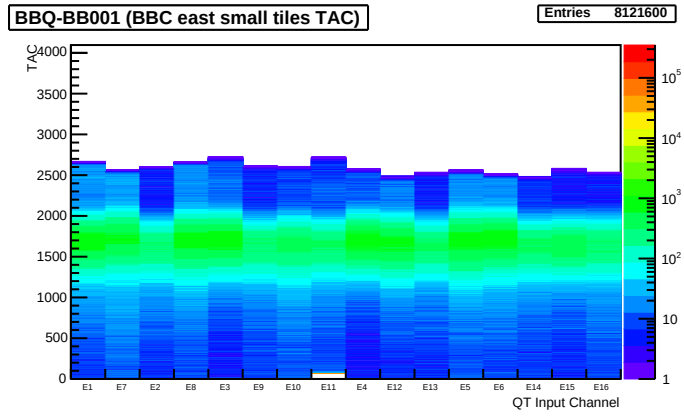
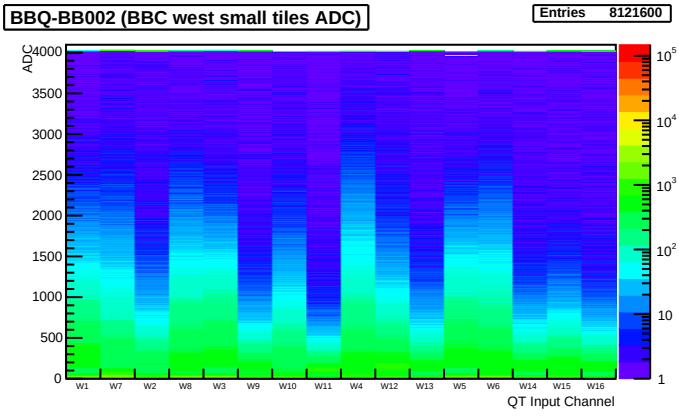
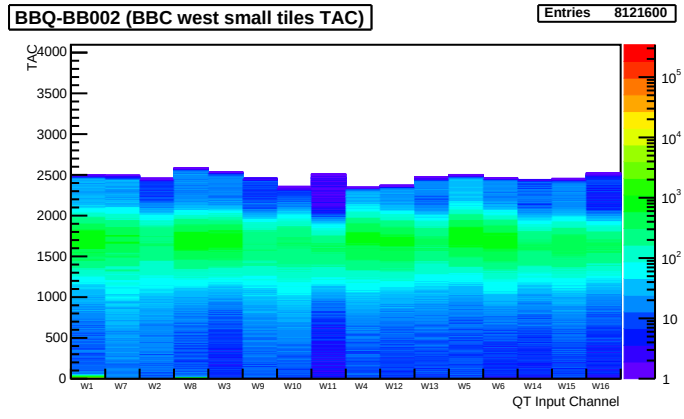
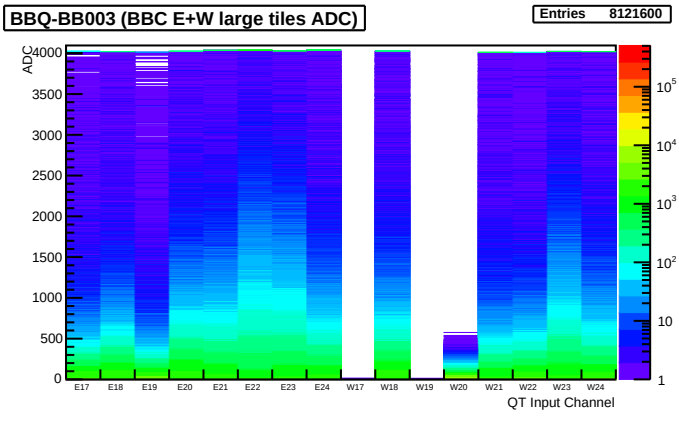
RPWHO2
RPWHI1
RPWHI2
10
1

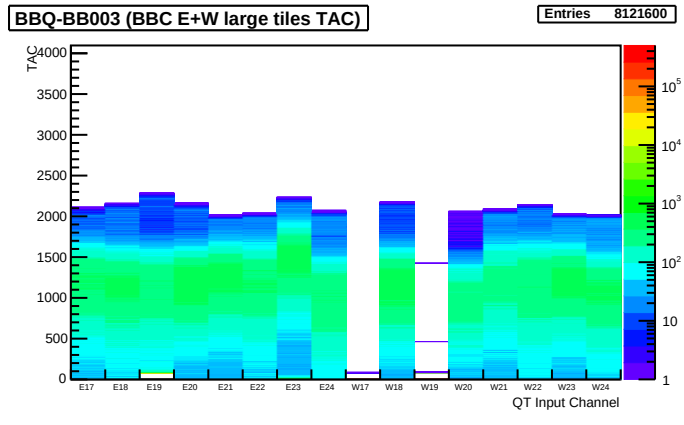

BBQ-BB001 (BBC east small tiles ADC)
Entries 8121600
ADC
QT Input Channel

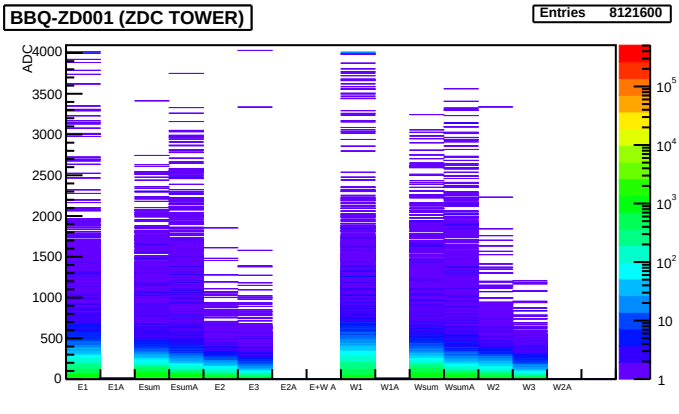

BBQ-BB001 (BBC east small tiles TAC)
Entries 8121600
TAC
QT Input Channel

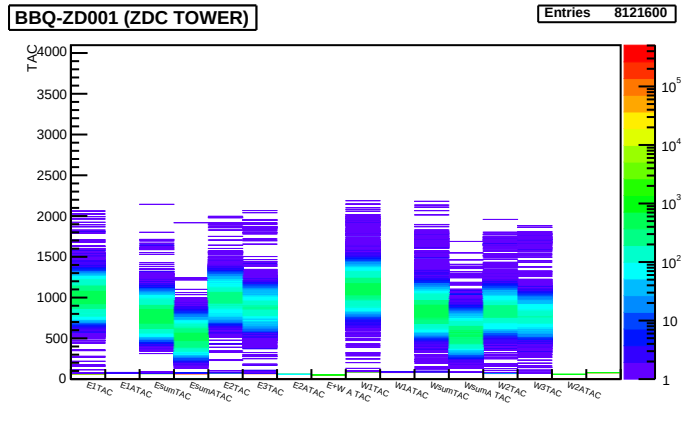

BBQ-BB002 (BBC west small tiles ADC)
Entries 8121600
ADC
QT Input Channel

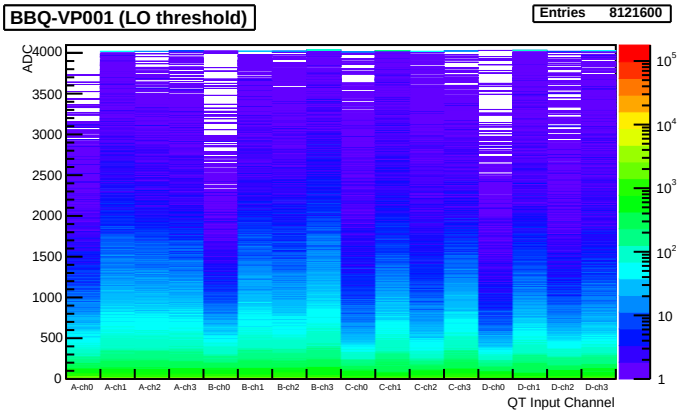

BBQ-BB002 (BBC west small tiles TAC)
Entries 8121600
TAC
QT Input Channel

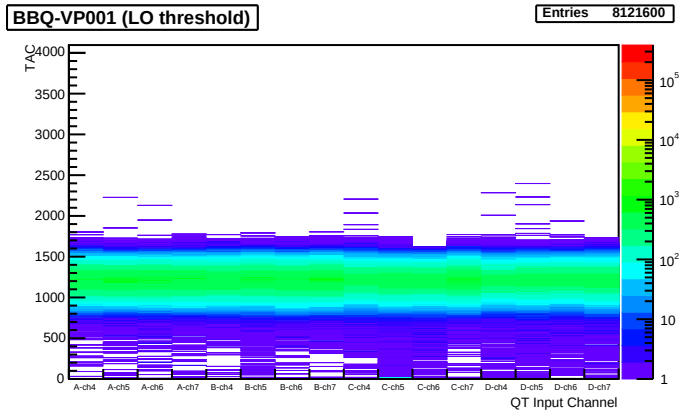

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 8121600
ADC
QT Input Channel

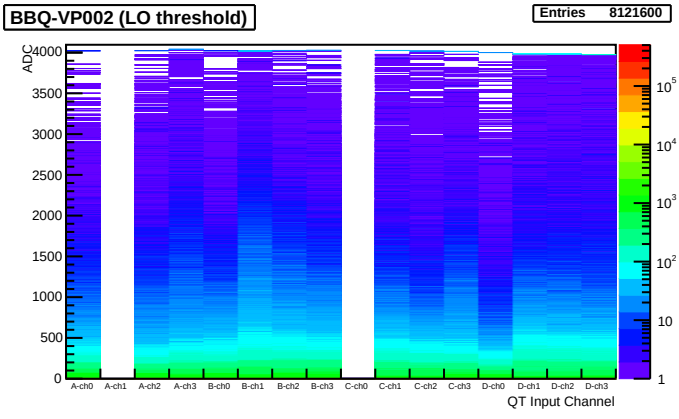

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 8121600
TAC
QT Input Channel

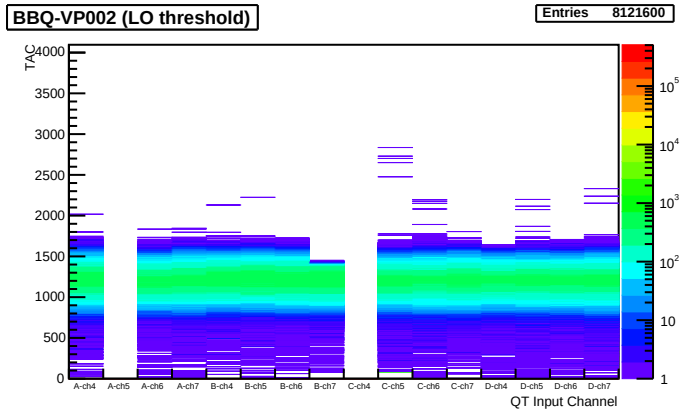

BBQ-ZD001 (ZDC TOWER)
Entries 8121600
ADC

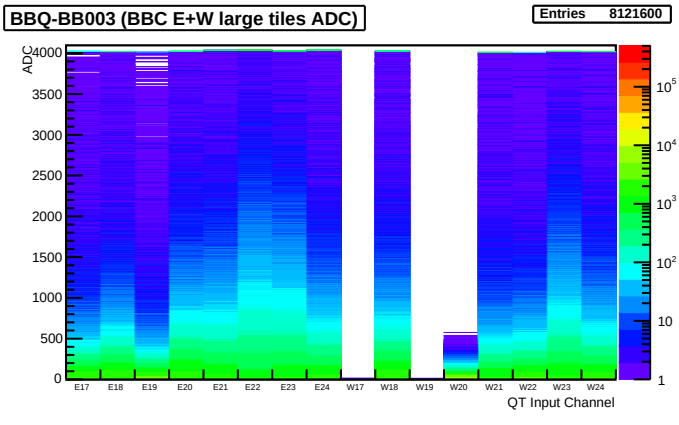

BBQ-ZD001 (ZDC TOWER)
Entries 8121600
TAC

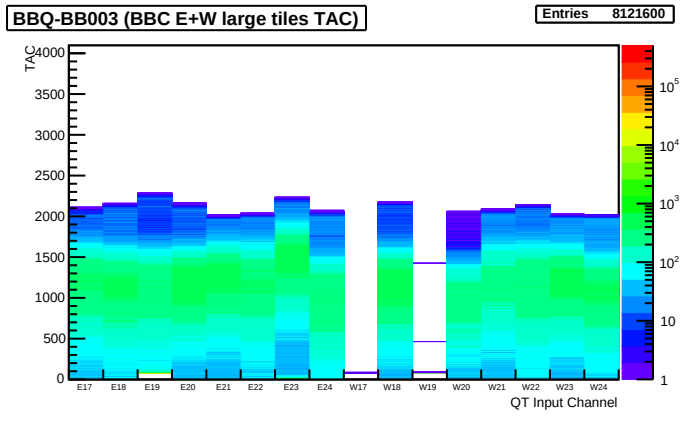

BBQ-VP001 (LO threshold)
Entries 8121600
ADC
QT Input Channel

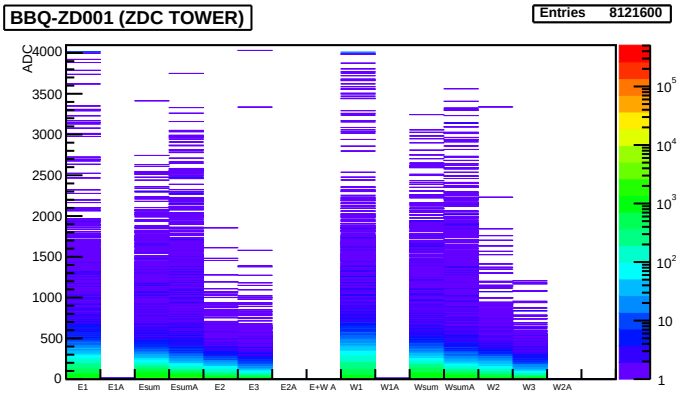

BBQ-VP001 (LO threshold)
Entries 8121600
TAC
QT Input Channel

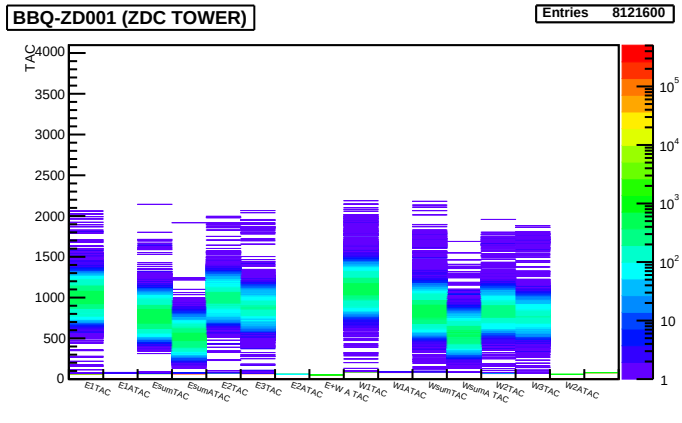

BBQ-VP002 (LO threshold)
Entries 8121600
ADC
QT Input Channel

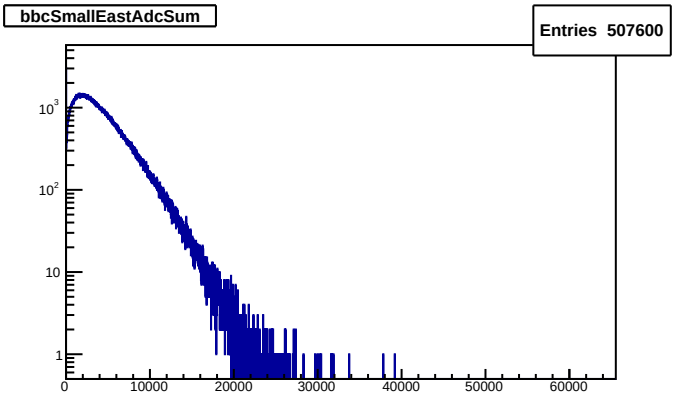

BBQ-VP002 (LO threshold)
Entries 8121600
TAC
QT Input Channel

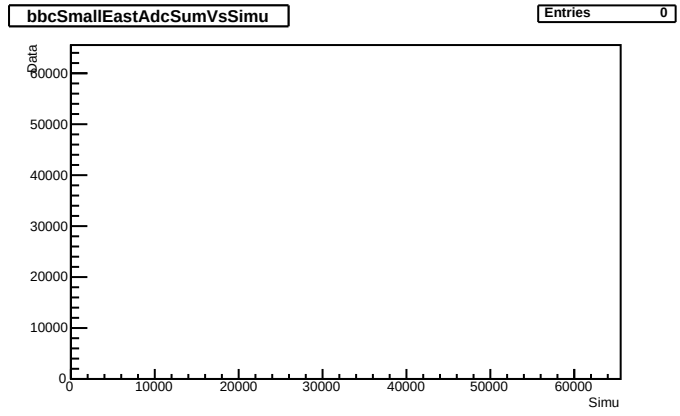

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 8121600
ADC
QT Input Channel

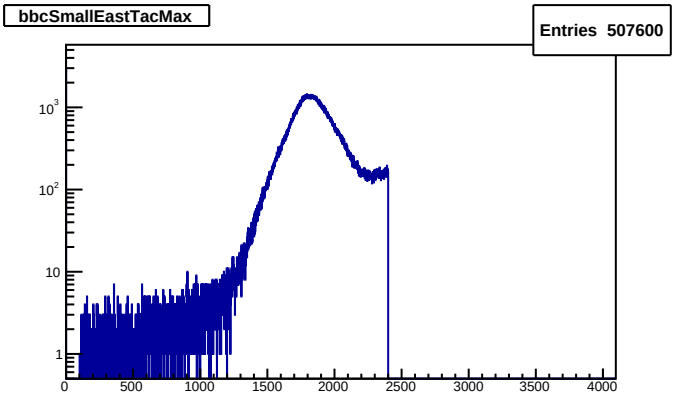

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 8121600
TAC
QT Input Channel

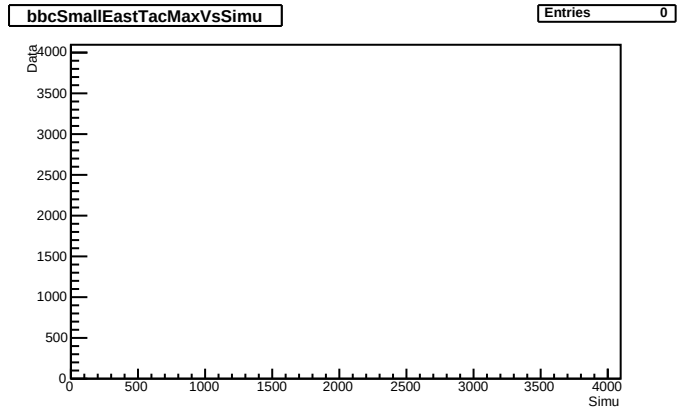

BBQ-ZD001 (ZDC TOWER)
Entries 8121600
ADC

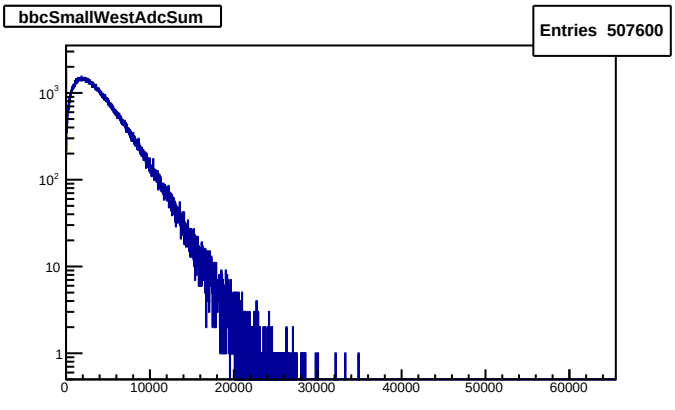

BBQ-ZD001 (ZDC TOWER)
Entries 8121600
TAC

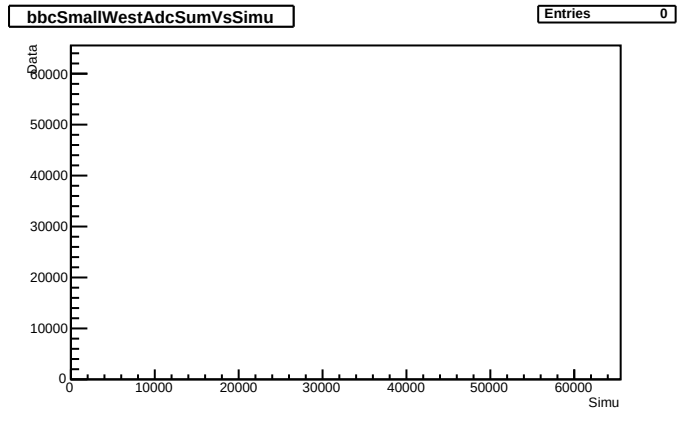

bbcSmallEastAdcSum
Entries 507600

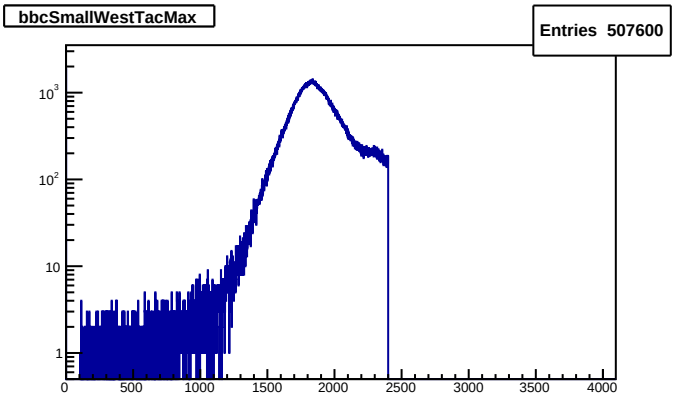

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

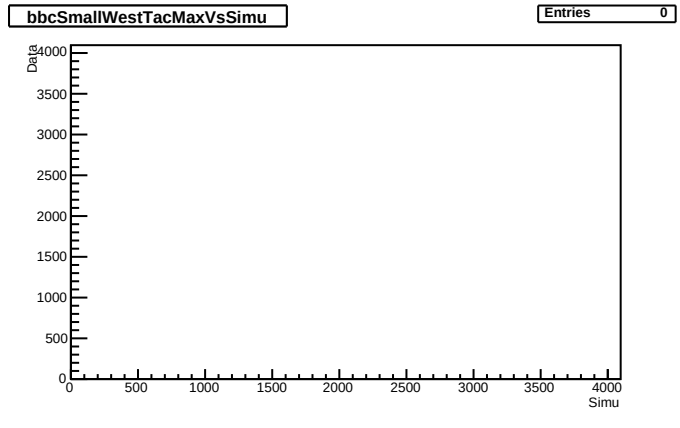

bbcSmallEastTacMax
Entries 507600

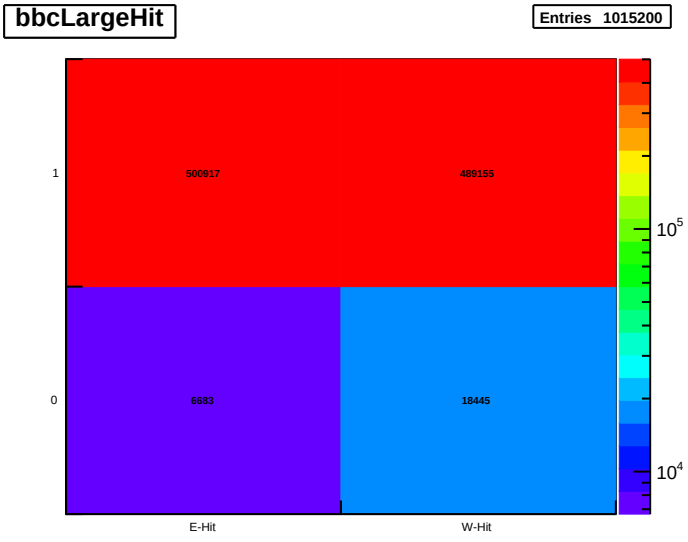

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

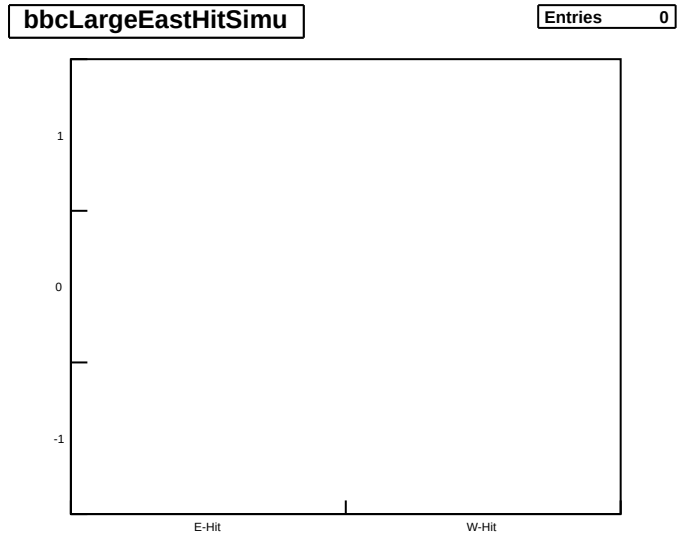

bbcSmallWestAdcSum
Entries 507600

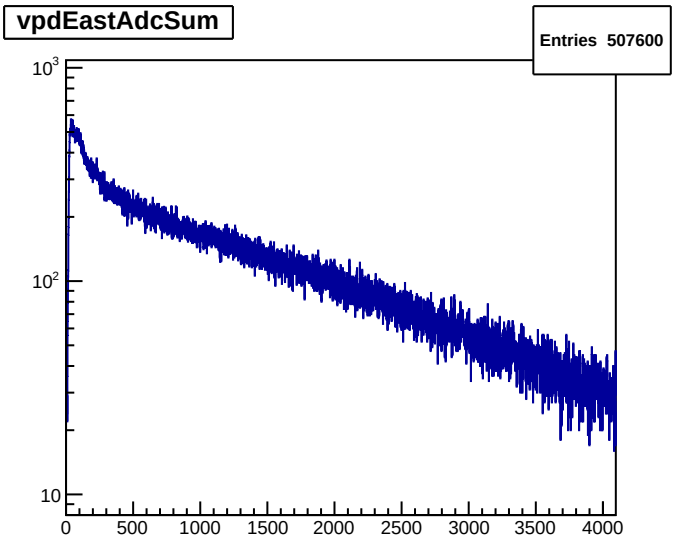

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

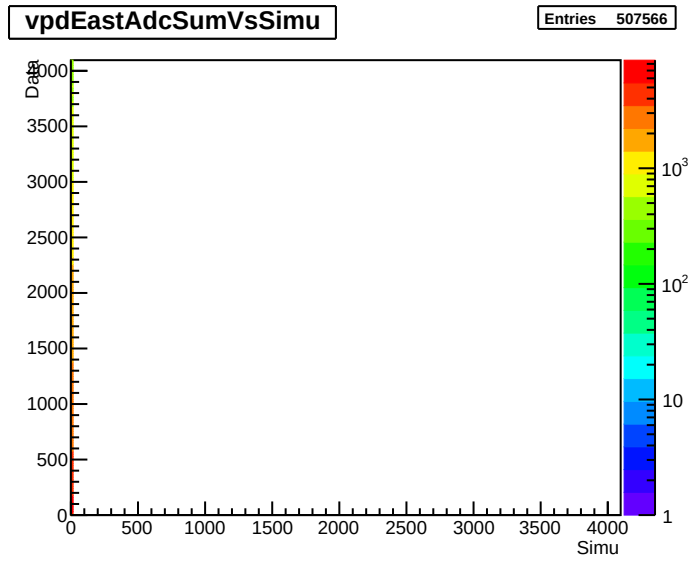

bbcSmallWestTacMax
Entries 507600

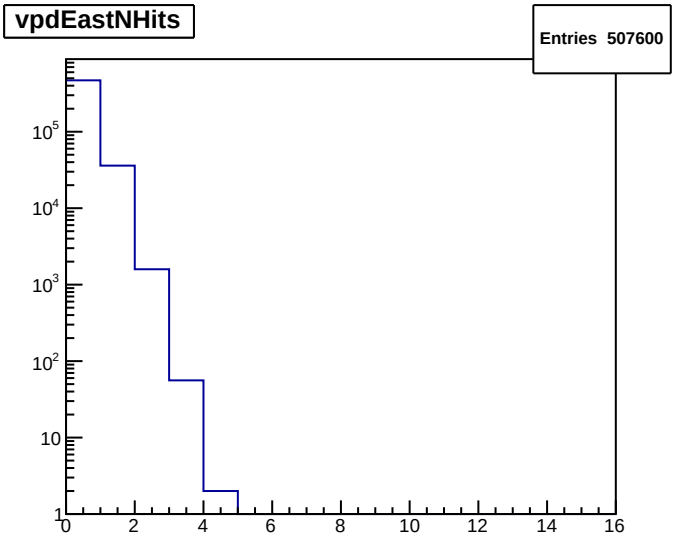

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

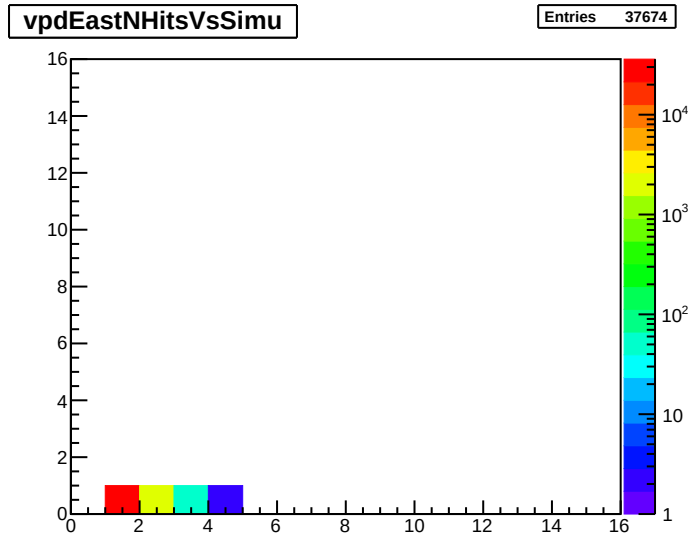

bbcLargeHit
Entries 1015200
1
0
500917
489155
6683
18445
E-Hit
W-Hit
10^5
10^4

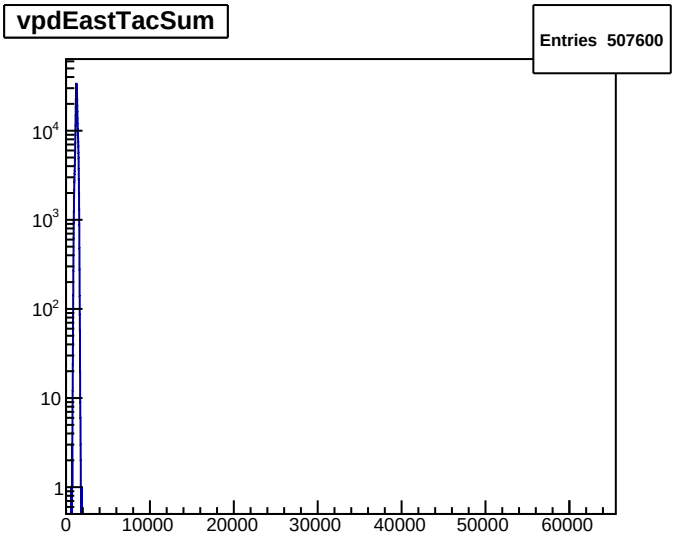

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

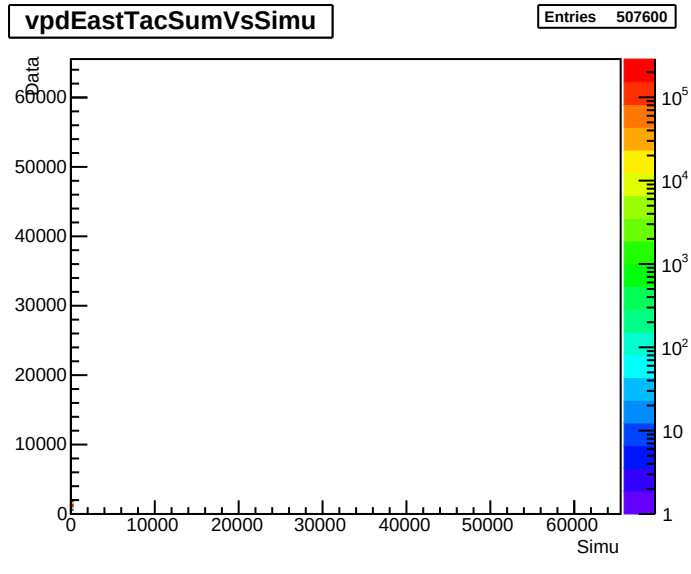

vpdEastAdcSum
Entries 507600

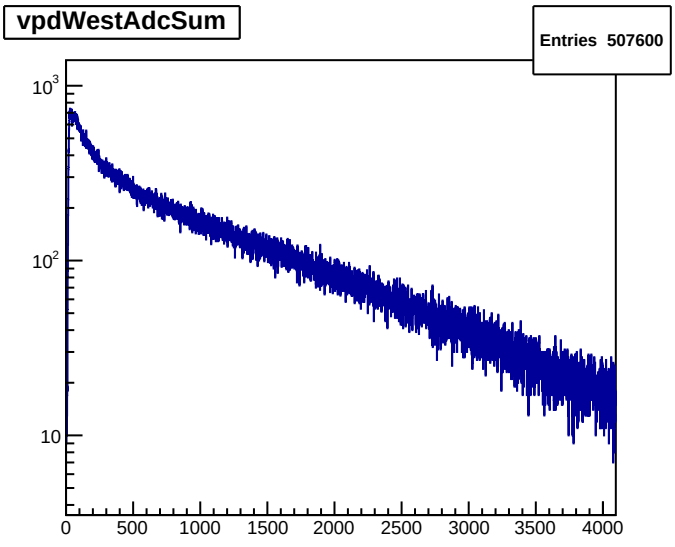

vpdEastAdcSumVsSimu
Entries 507566
Data
Simu

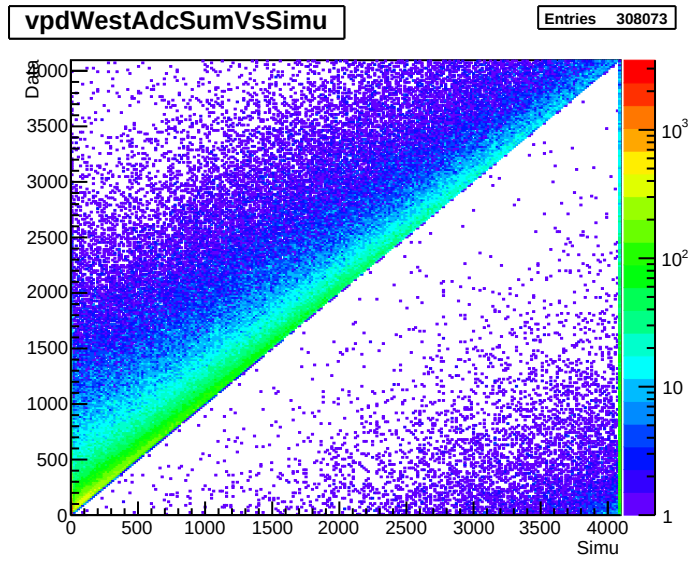

vpdEastNHits
Entries 507600

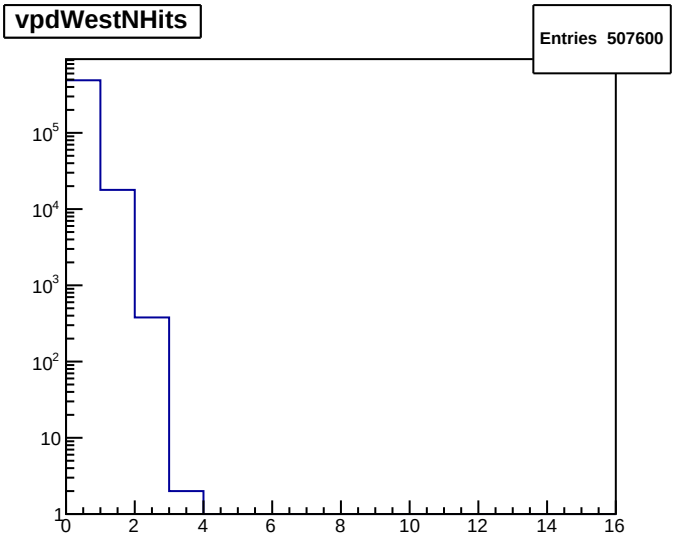

vpdEastNHitsVsSimu
Entries 37674

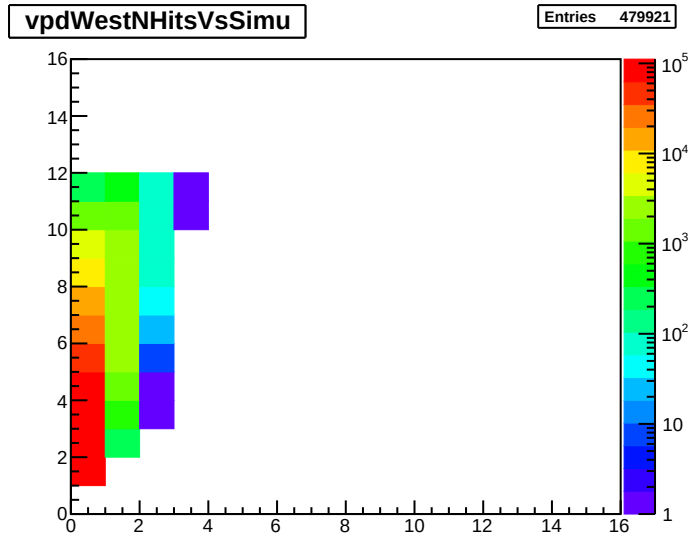

vpdEastTacSum
Entries 507600

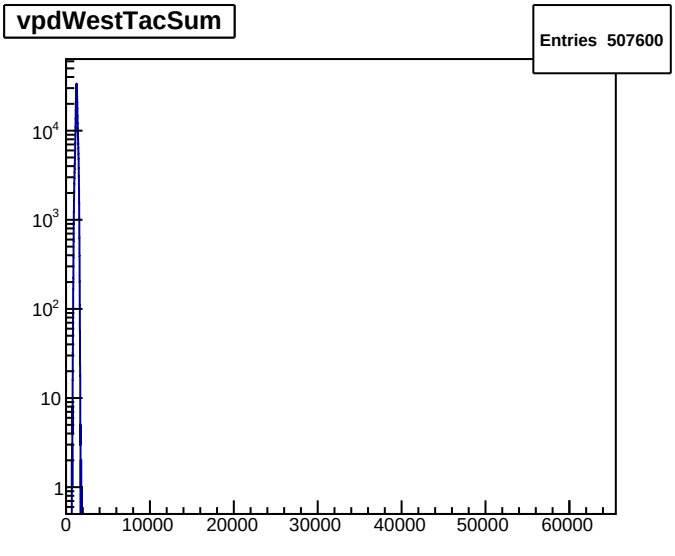

vpdEastTacSumVsSimu
Entries 507600
Data
Simu

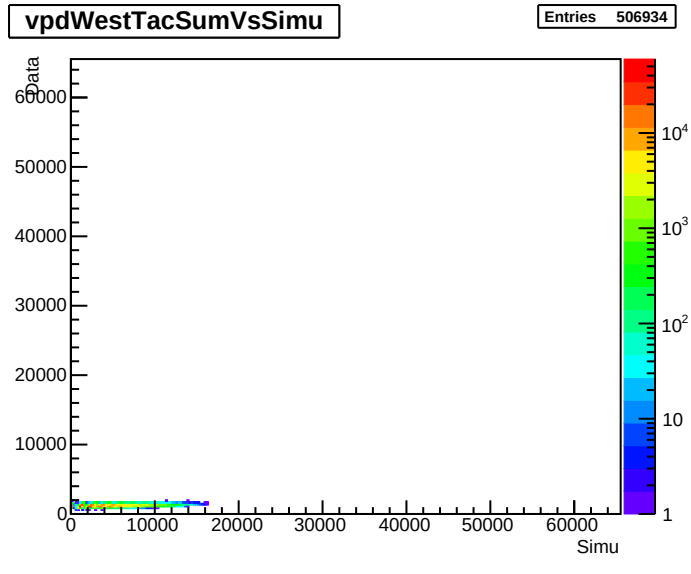

vpdWestAdcSum
Entries 507600

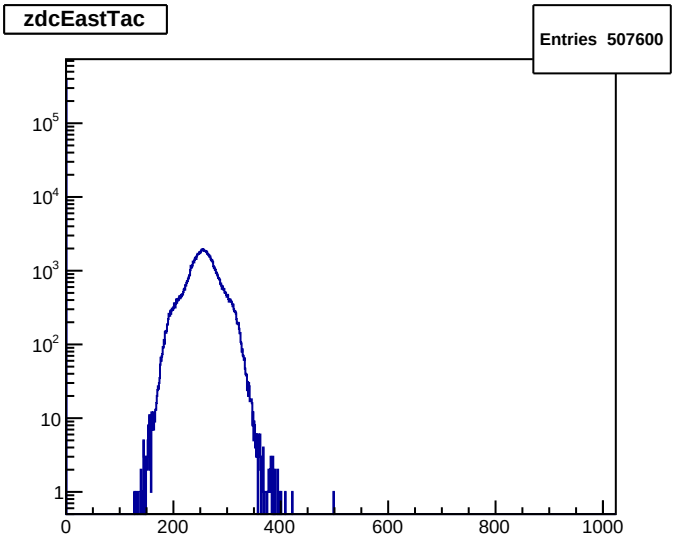

vpdWestAdcSumVsSimu
Entries 308073
Data
Simu

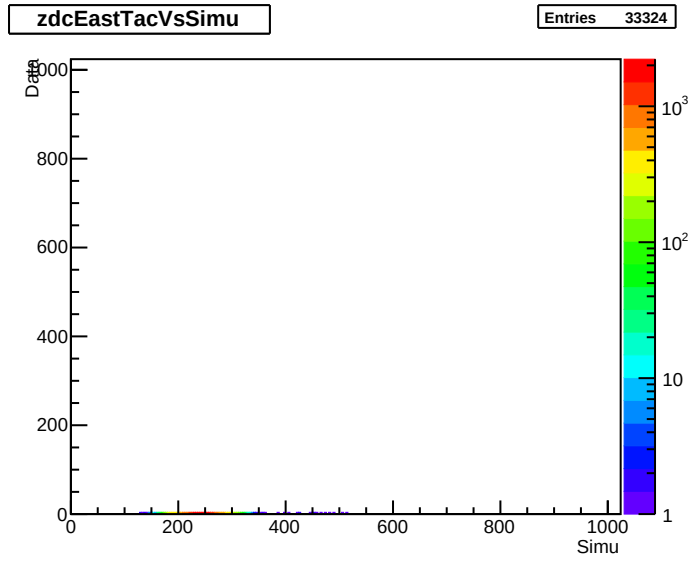

vpdWestNHits
Entries 507600

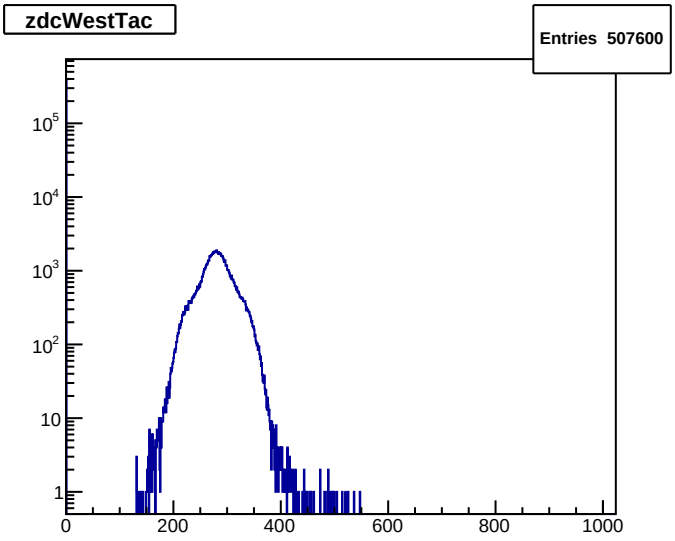

vpdWestNHitsVsSimu
Entries 479921

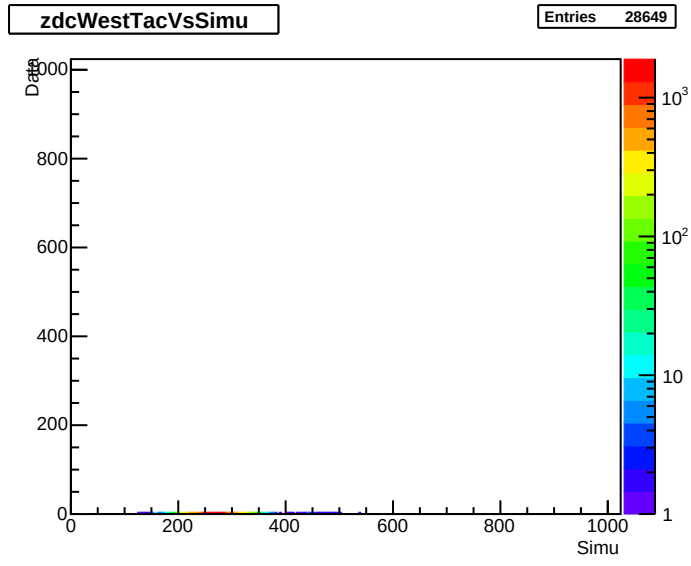

vpdWestTacSum
Entries 507600

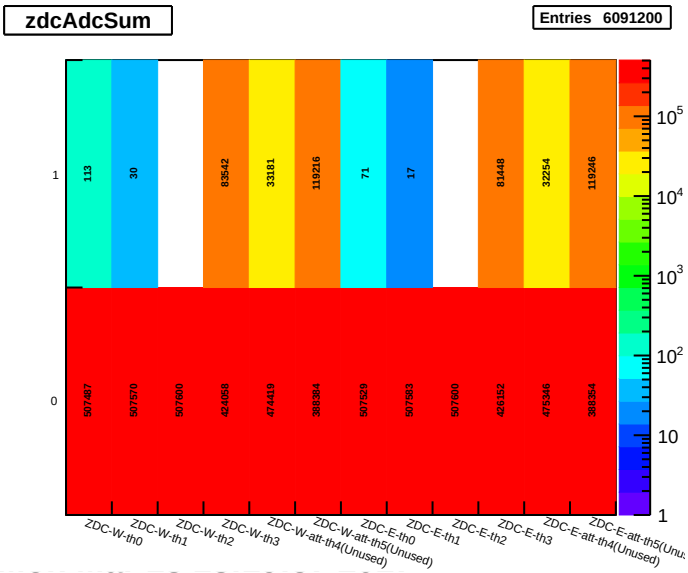

vpdWestTacSumVsSimu
Entries 506934
Data
Simu

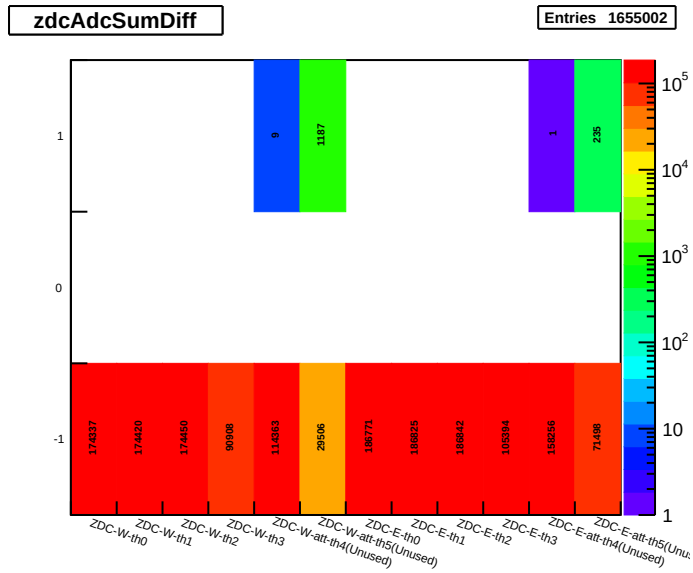

zdcEastTac
Entries 507600

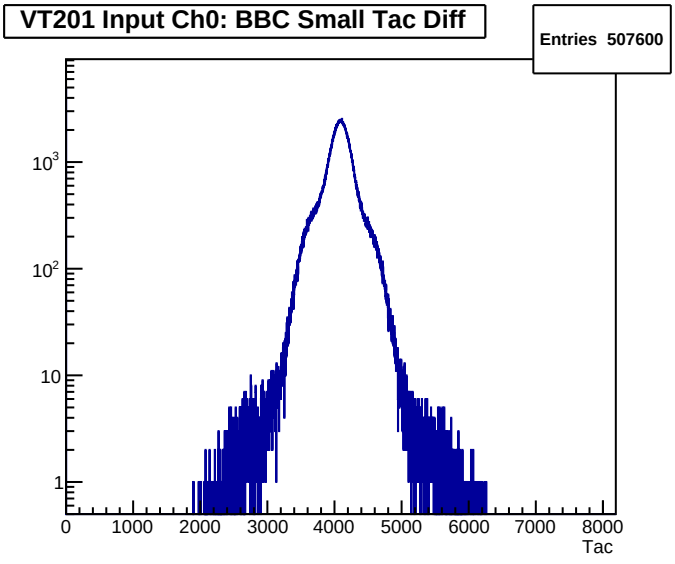

zdcEastTacVsSimu
Entries 33324
Data
Simu

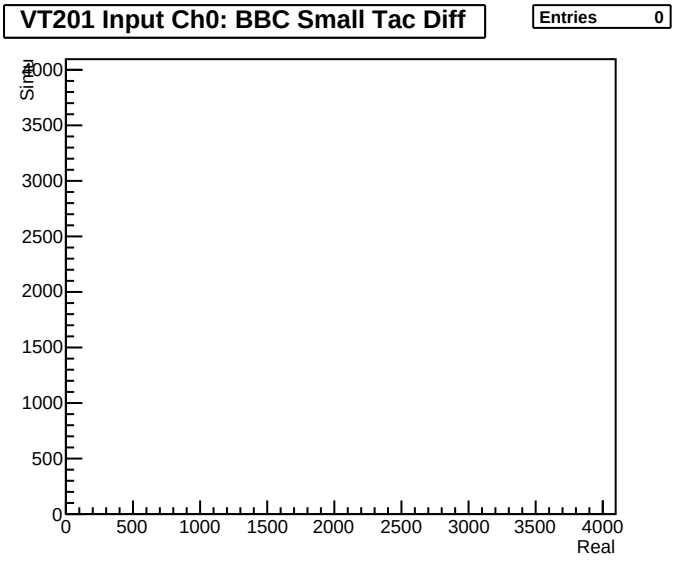

zdcWestTac
Entries 507600

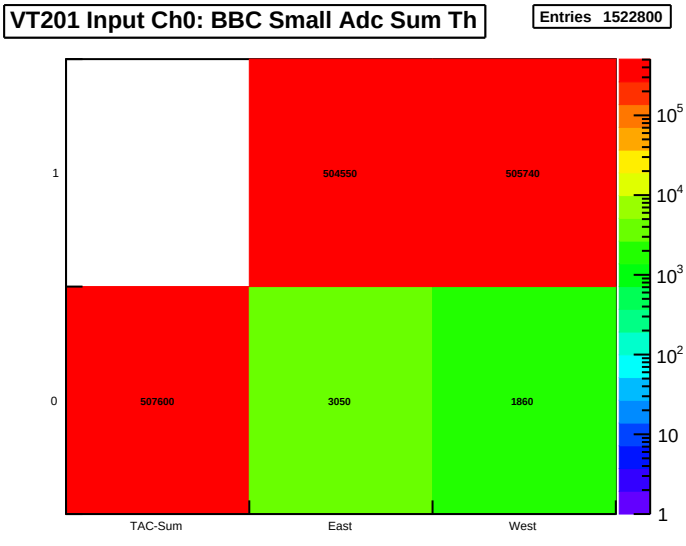

zdcWestTacVsSimu
Entries 28649
Data
Simu

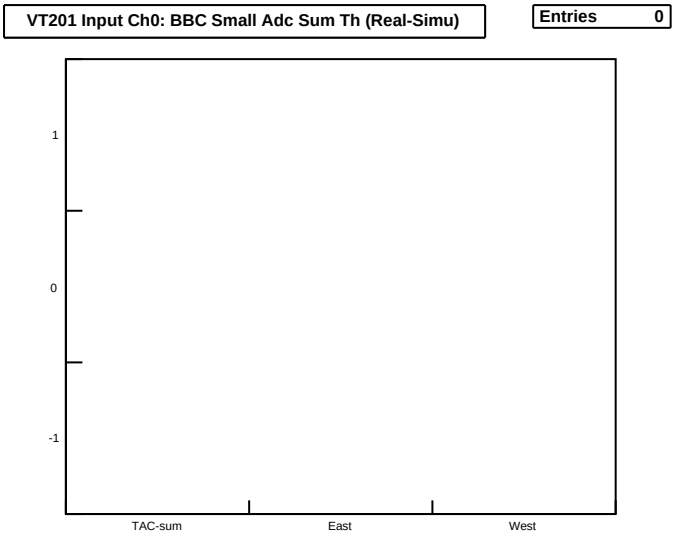

zdcAdcSum
Entries 6091200
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

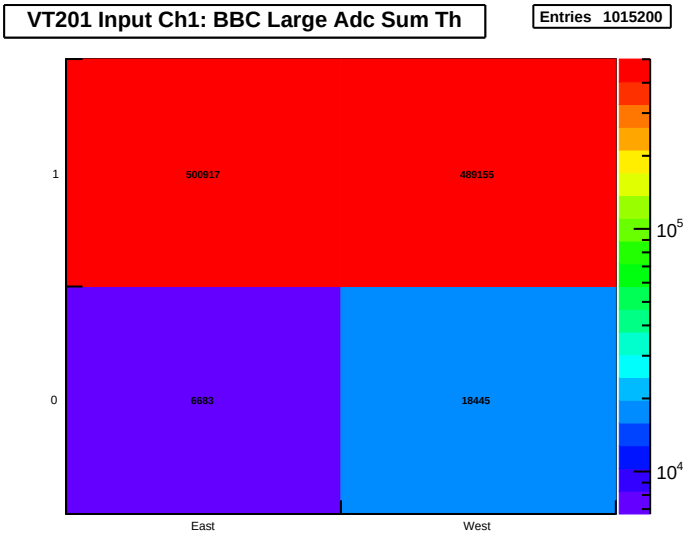

zdcAdcSumDiff
Entries 1655002
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

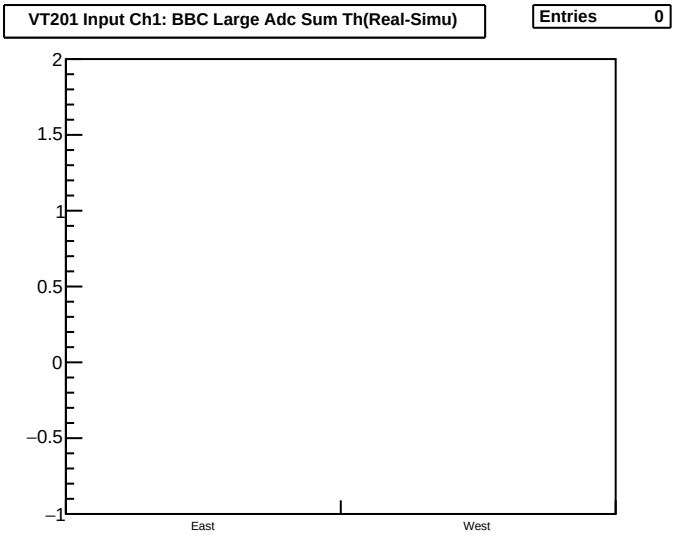

VT201 Input Ch0: BBC Small Tac Diff
Entries 507600
Tac


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

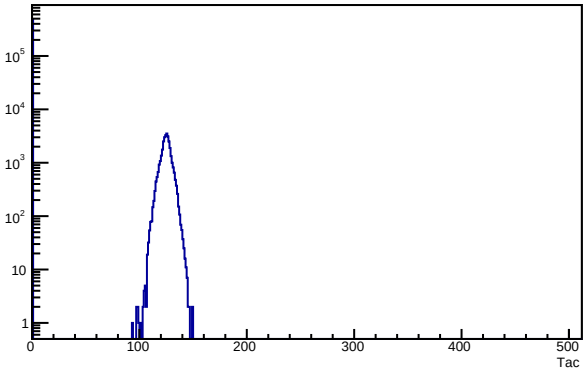

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1522800
504550
505740
507600
3050
1860
TAC-Sum
East
West


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

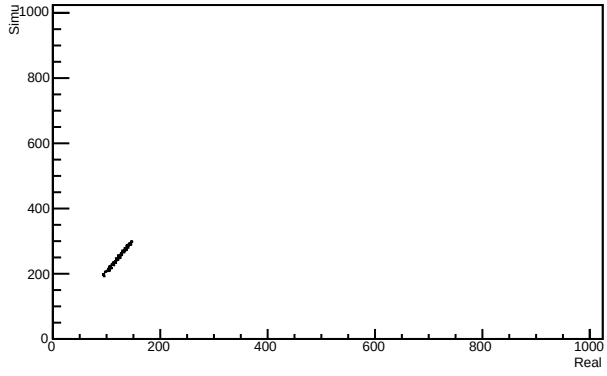

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1015200
500917
489155
6683
18445
East
West


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

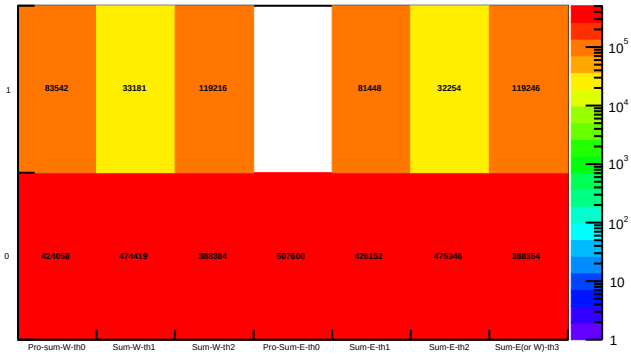
VT201 Input Ch2: ZDC Tac Diff



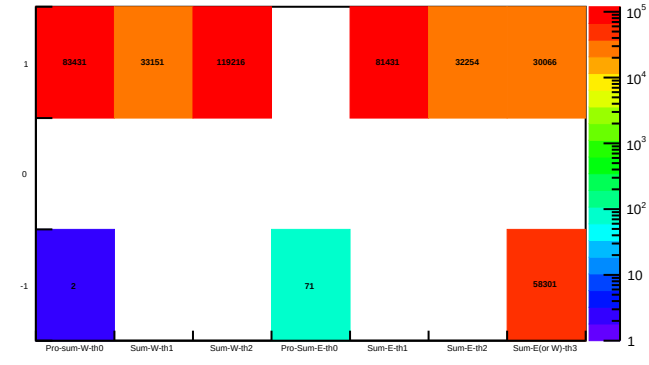
VT201 Input Ch2: ZDC Tac Diff



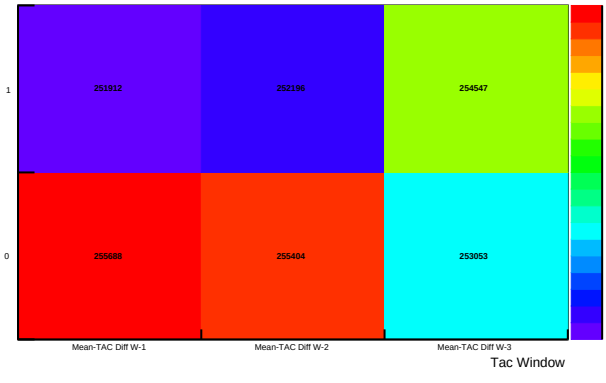
VT201 Input Ch2: ZDC Adc Sum Th



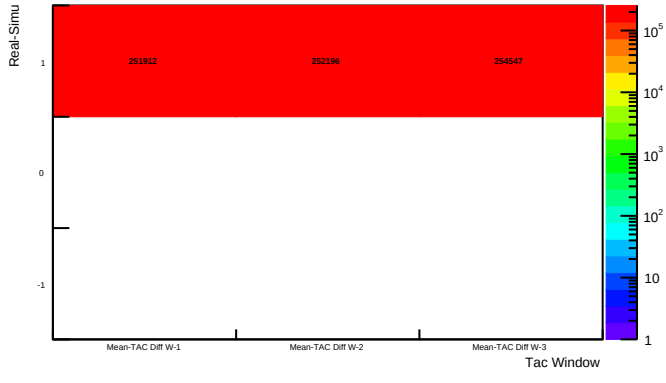
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



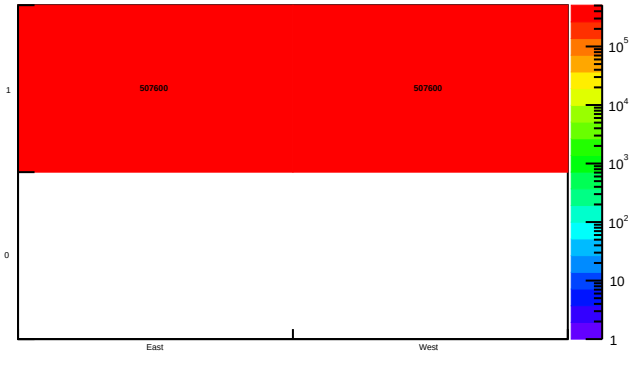
VT201 Input Ch4: VPD Tac Diff



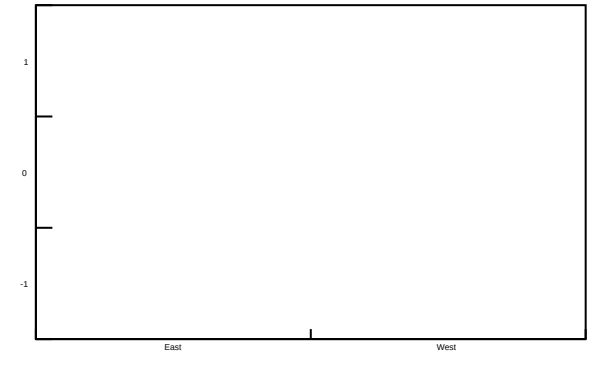
VT201 Input Ch4: VPD Tac Diff

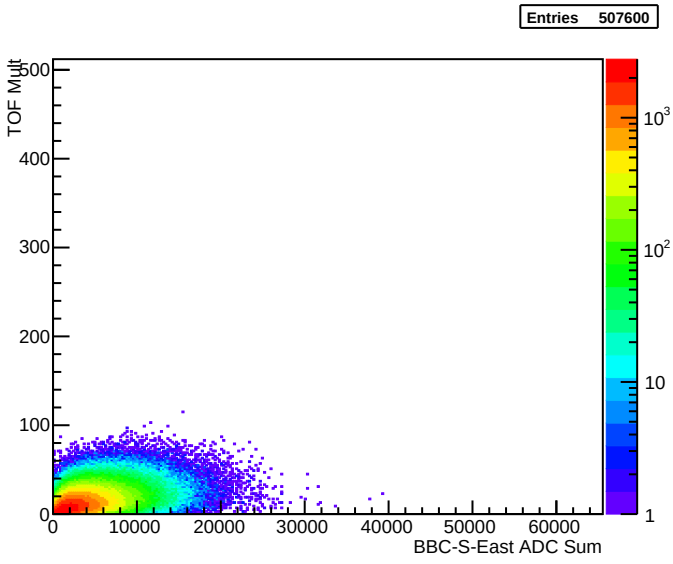


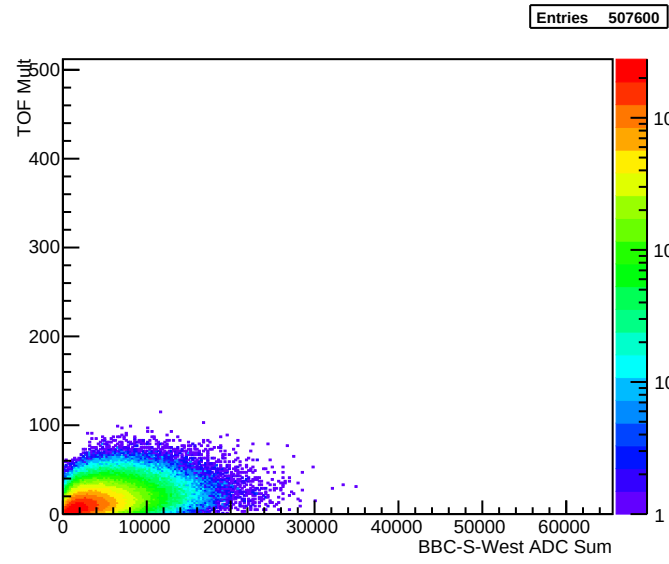
VT201 Input Ch4: VPD Adc Sum Th

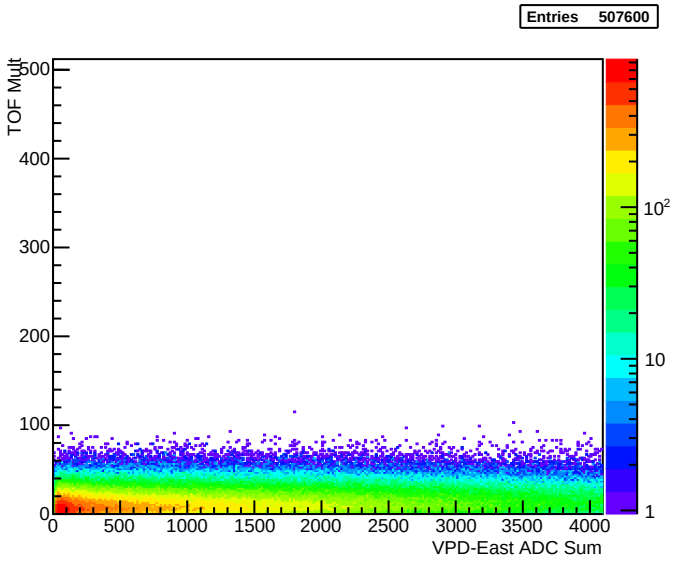


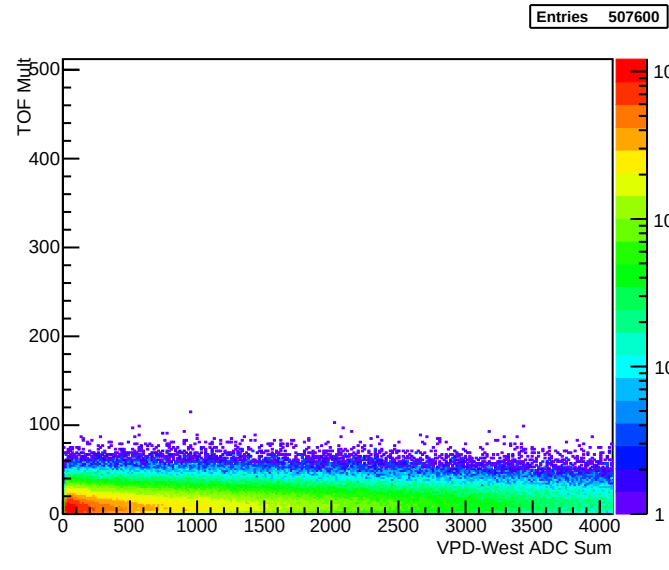
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

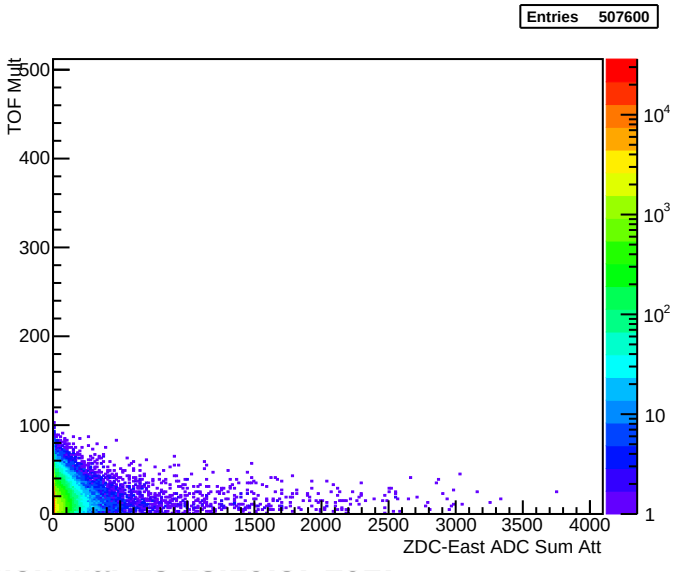


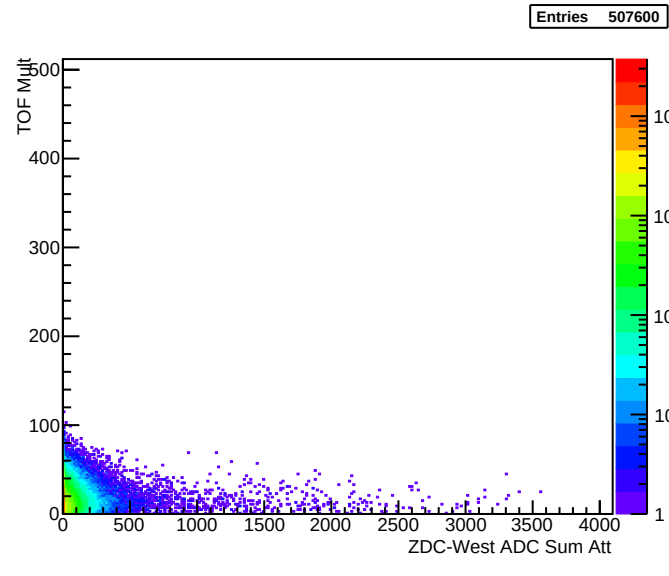

Entries 507600
TOF Mult
BBC-S-East ADC Sum

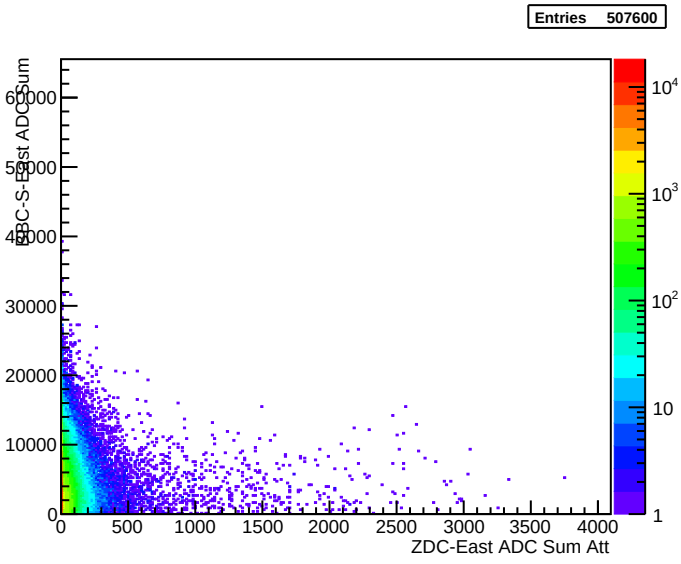

Entries 507600
TOF Mult
BBC-S-West ADC Sum

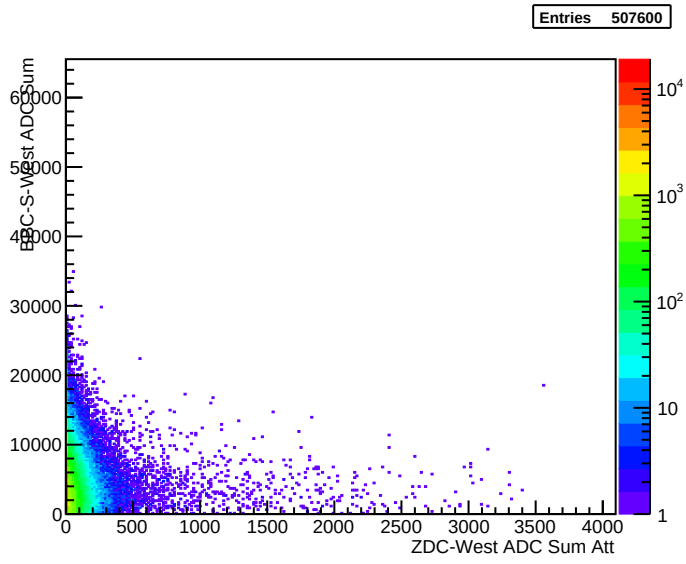

Entries 507600
TOF Mult
VPD-East ADC Sum

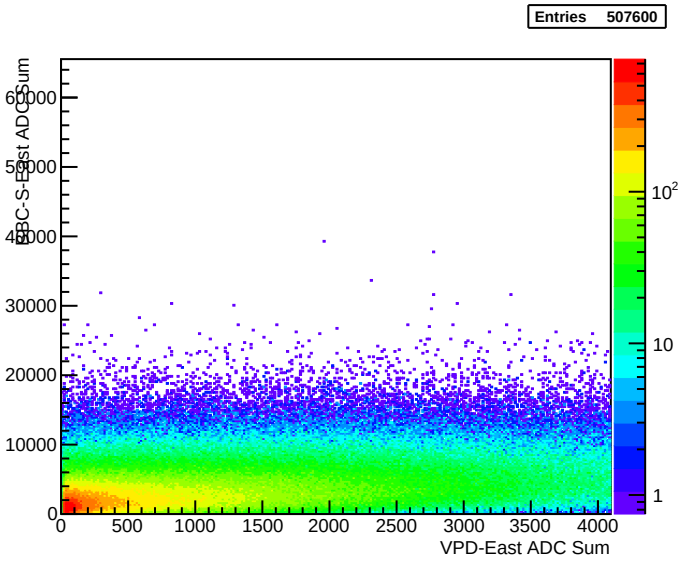

Entries 507600
TOF Mult
VPD-West ADC Sum

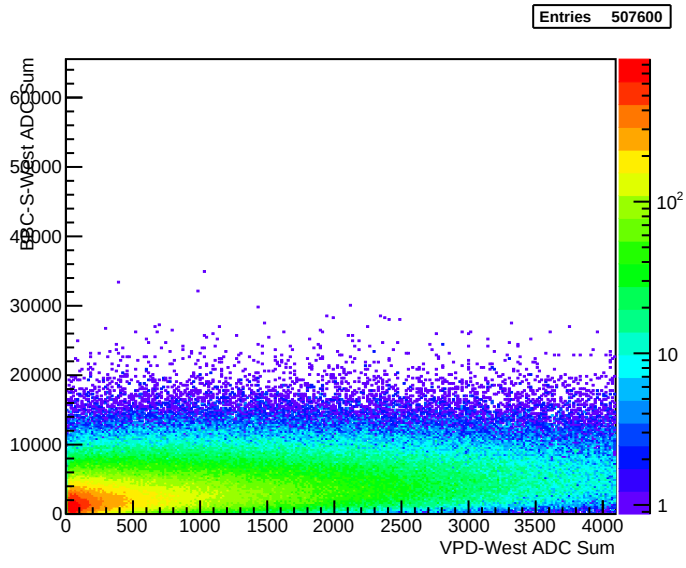

Entries 507600
TOF Mult
ZDC-East ADC Sum Att

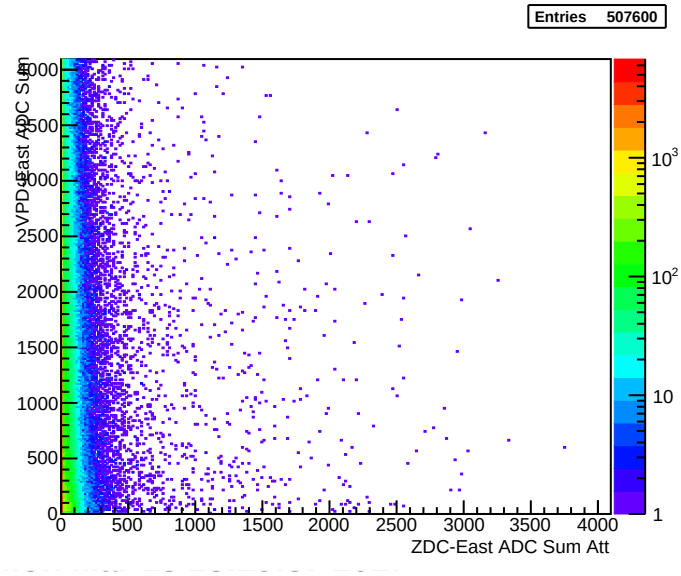

Entries 507600
TOF Mult
ZDC-West ADC Sum Att

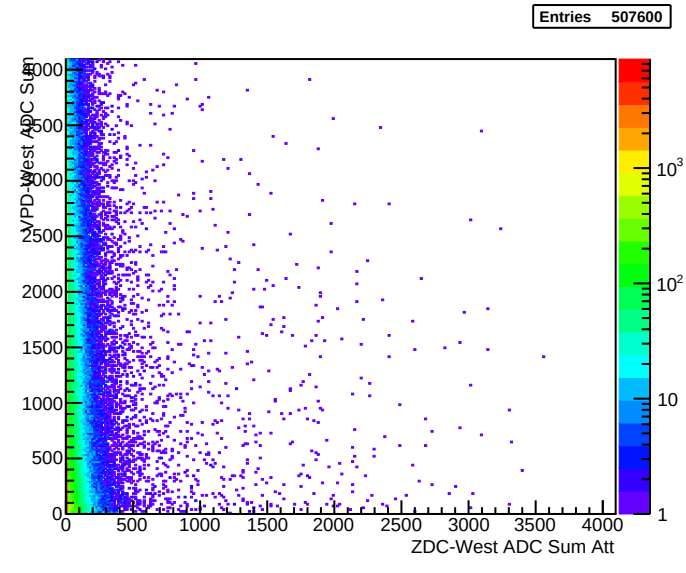

Entries 507600
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

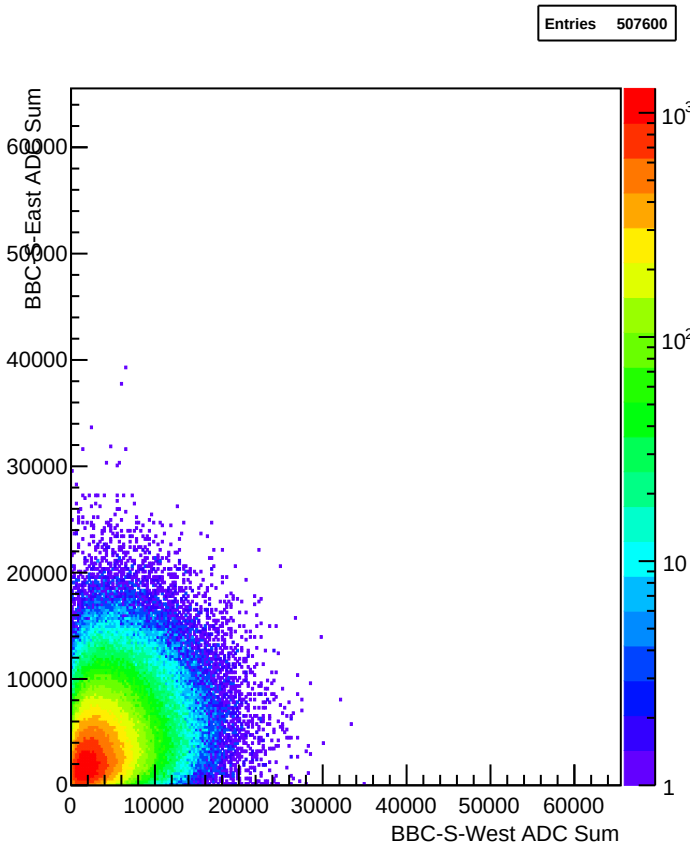

Entries 507600
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

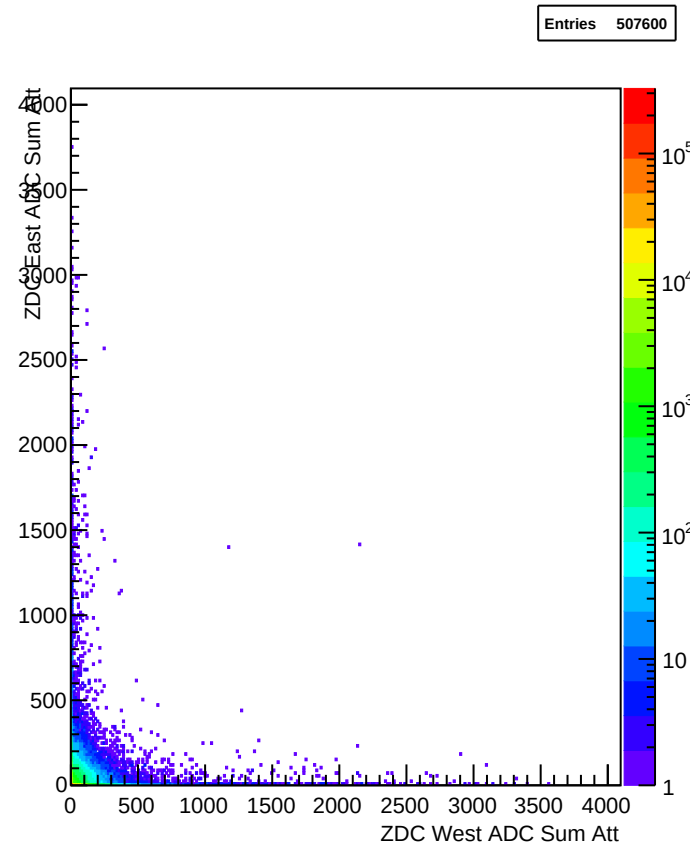

Entries 507600
BBC-S-East ADC Sum
VPD-East ADC Sum

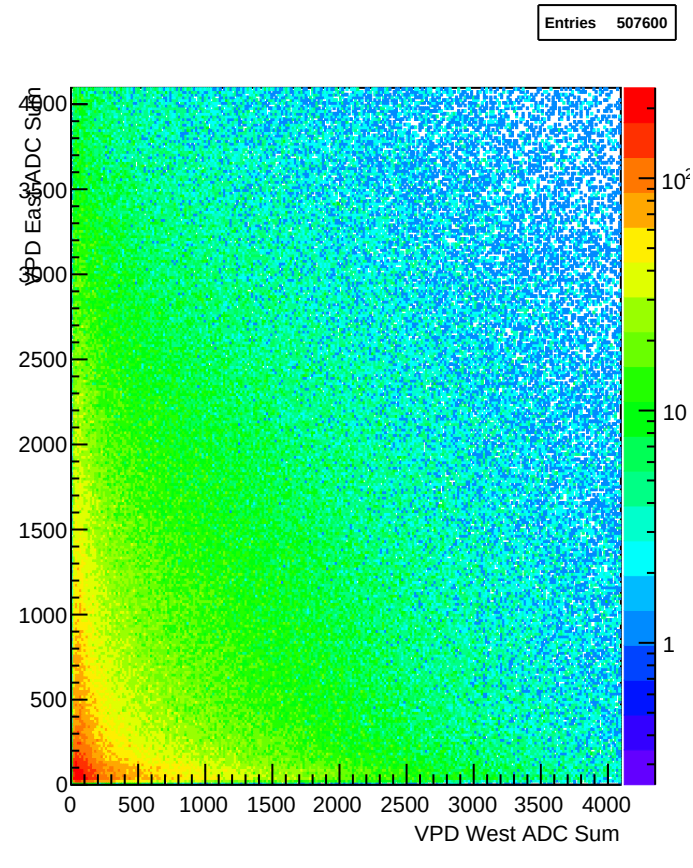

Entries 507600
BBC-S-West ADC Sum
VPD-West ADC Sum

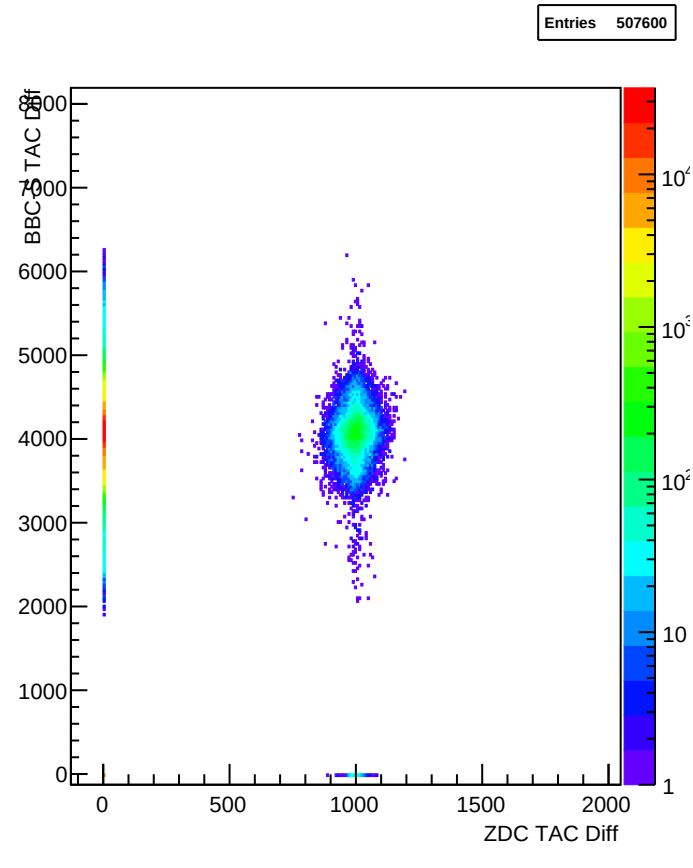

Entries 507600
VPD-East ADC Sum
ZDC-East ADC Sum Att

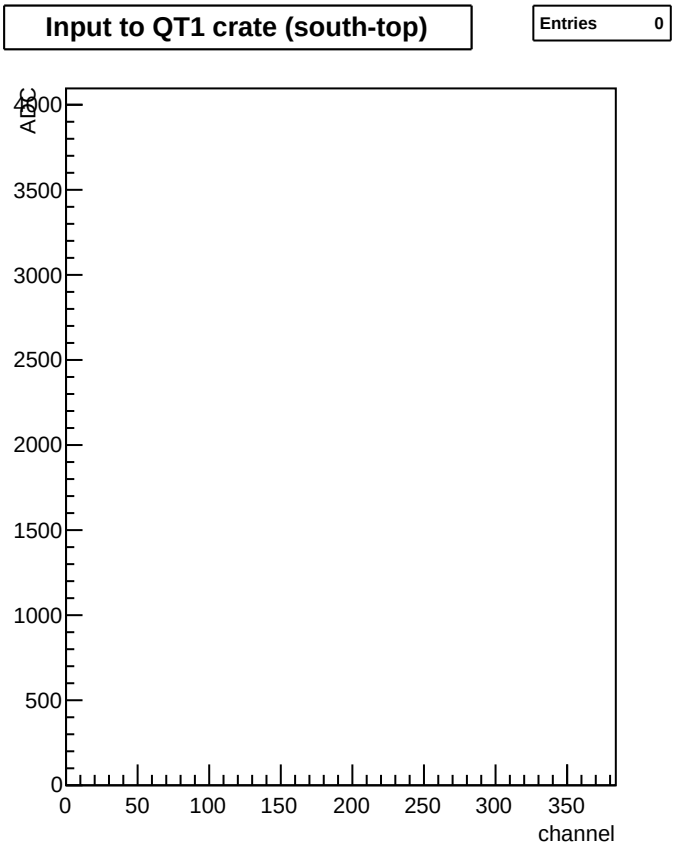

Entries 507600
VPD-West ADC Sum
ZDC-West ADC Sum Att

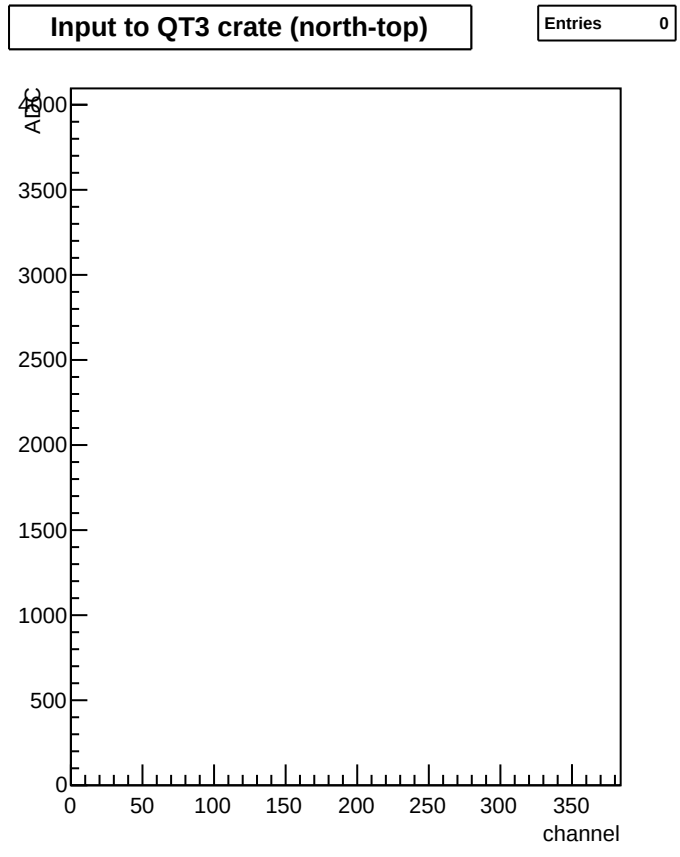

Entries 507600
BBC-S-East ADC Sum
BBC-S-West ADC Sum

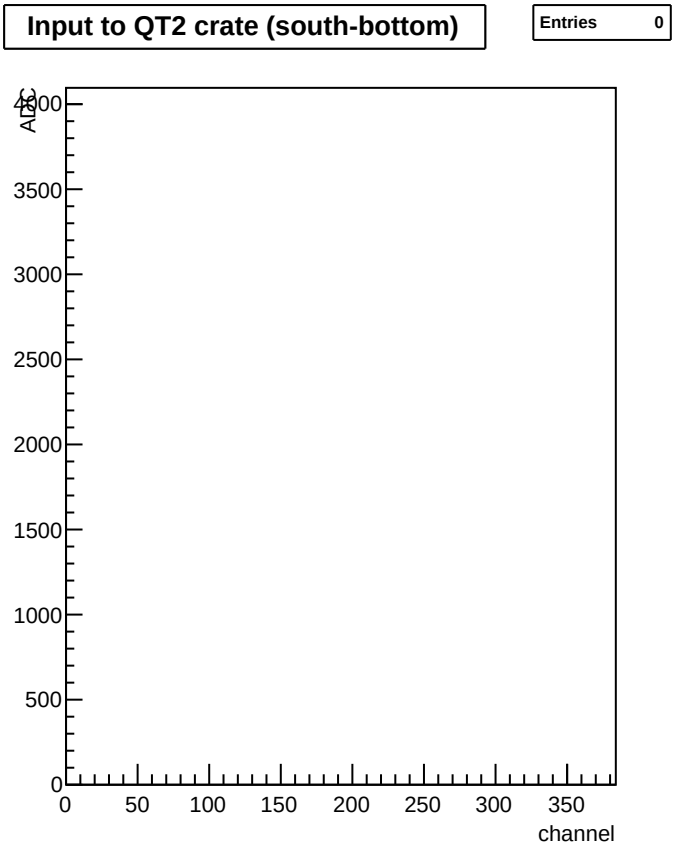

Entries 507600
ZDC East ADC Sum Att
ZDC West ADC Sum Att

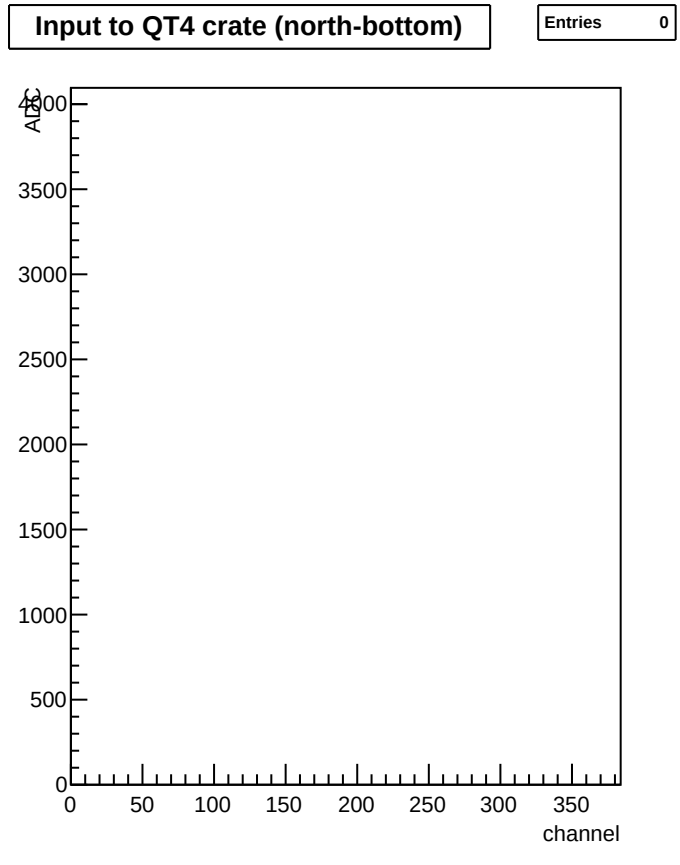

Entries 507600
VPD East ADC Sum
VPD West ADC Sum

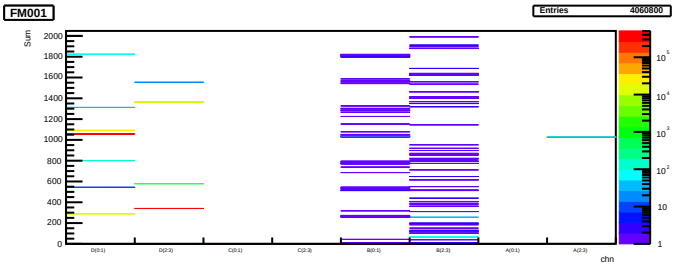

Entries 507600
BBC-S TAC Diff
ZDC TAC Diff

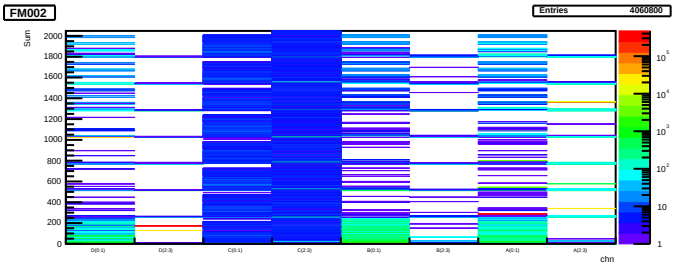

Input to QT1 crate (south-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

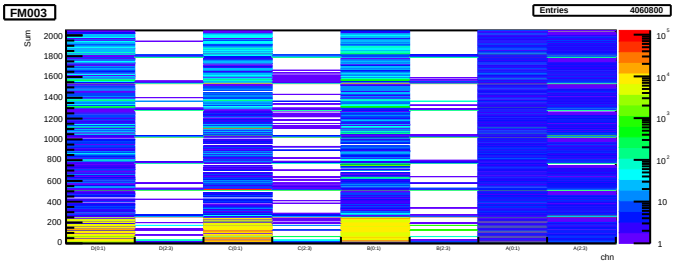

Input to QT3 crate (north-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

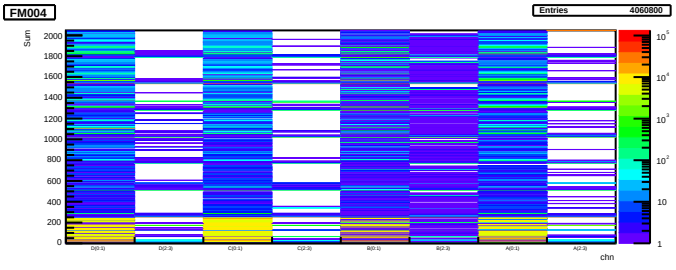

Input to QT2 crate (south-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

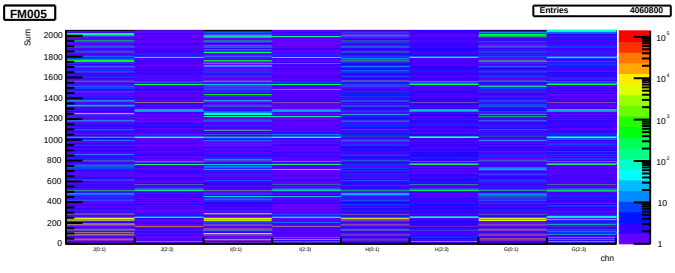

Input to QT4 crate (north-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

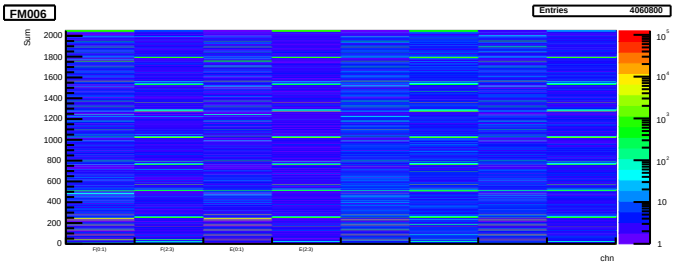

FM001
Entries 4060800
Sum
chn

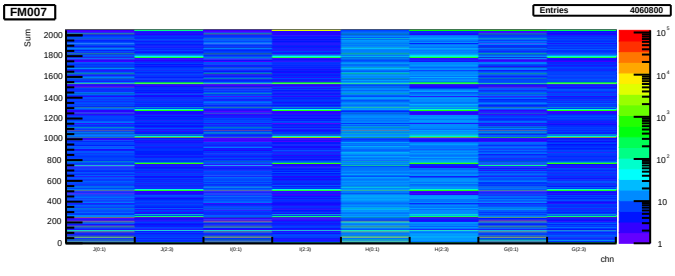

FM002
Entries 4060800
Sum
chn

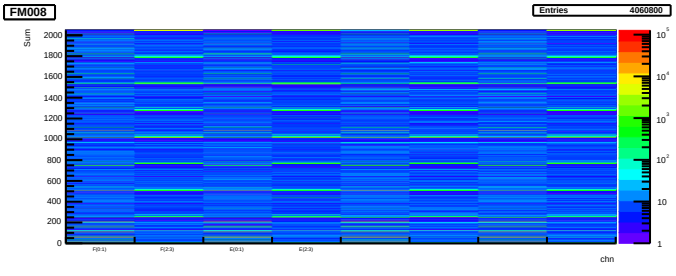

FM003
Entries 4060800
Sum
chn

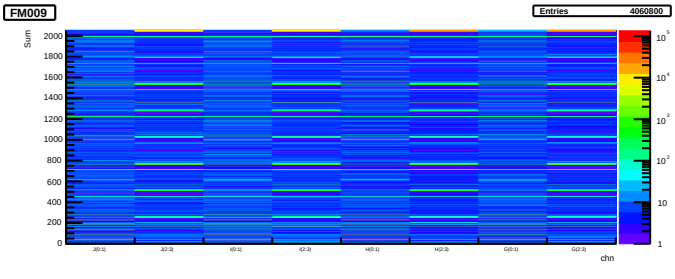

FM004
Entries 4060800
Sum
chn

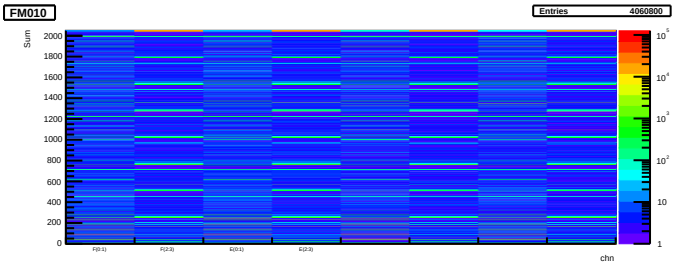

FM005
Entries 4060800
Sum
chn


FM006
Entries 4060800
Sum
chn


FM007
Entries 4060800
Sum
chn


FM008
Entries 4060800
Sum
chn


FM009
Entries 4060800
Sum
chn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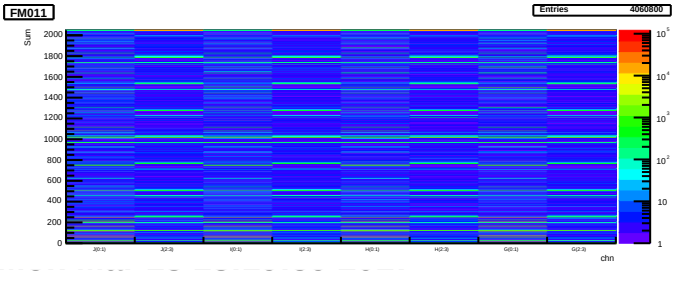
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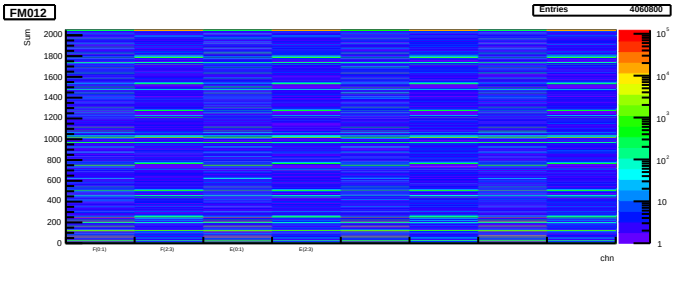
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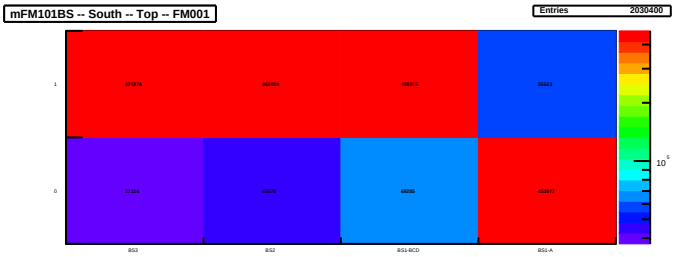
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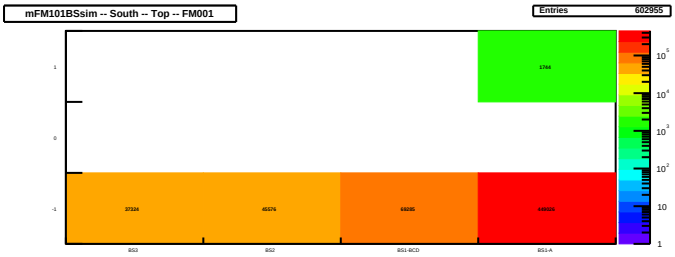
Entries 2030400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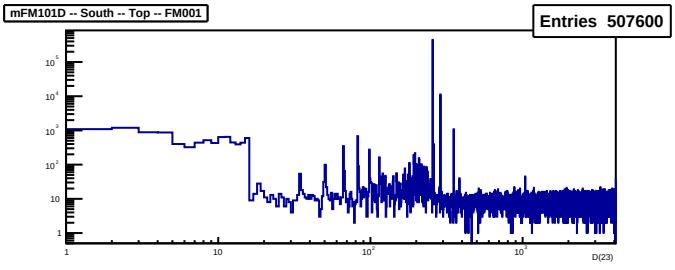
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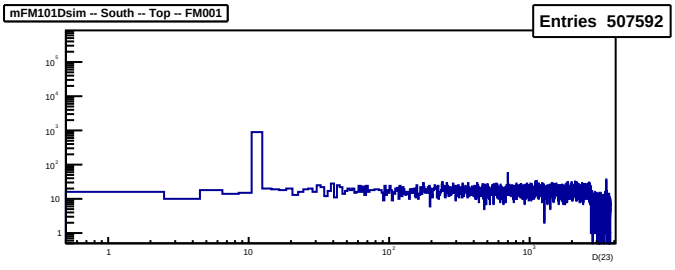
Entries 507600
D(23)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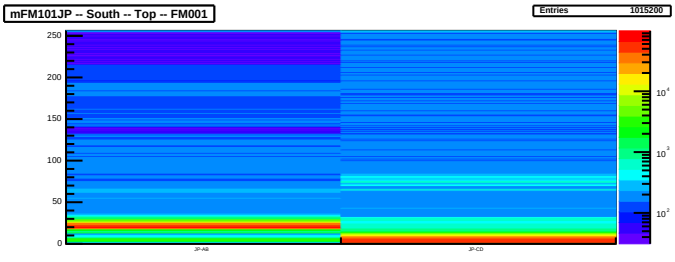
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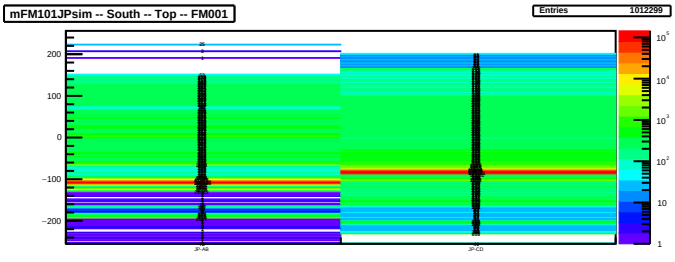
Entries 1015200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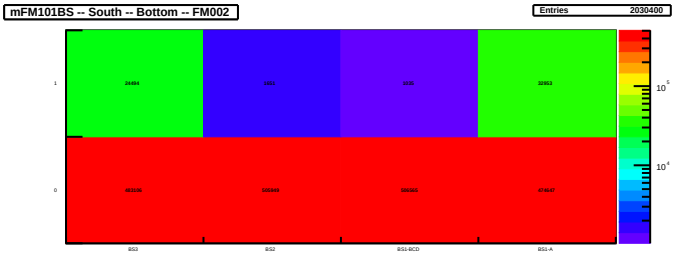
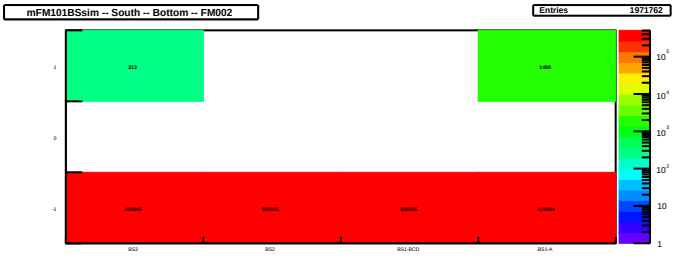

mFM101BS -- South -- Bottom -- FM002
Entries 2030400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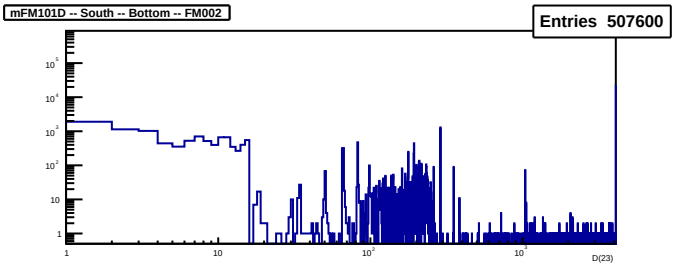
Entries 1971762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Entries 507600
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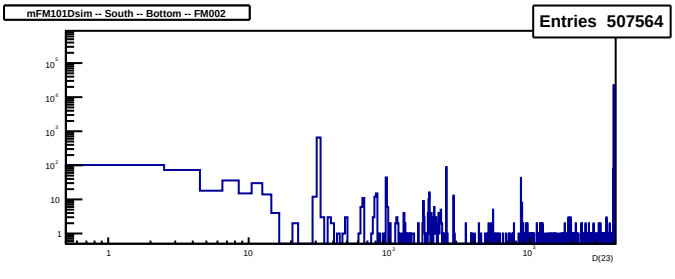
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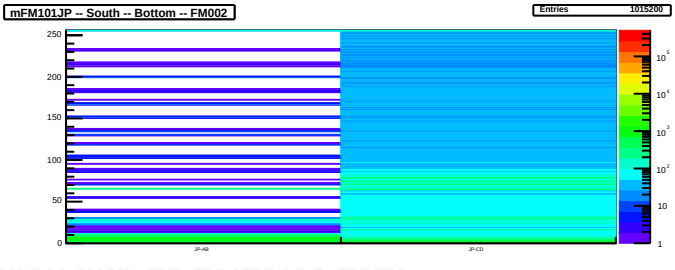
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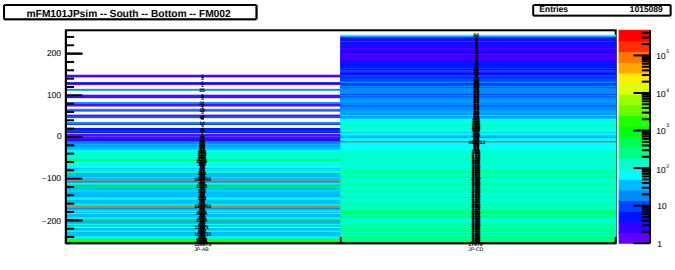
Entries 1015200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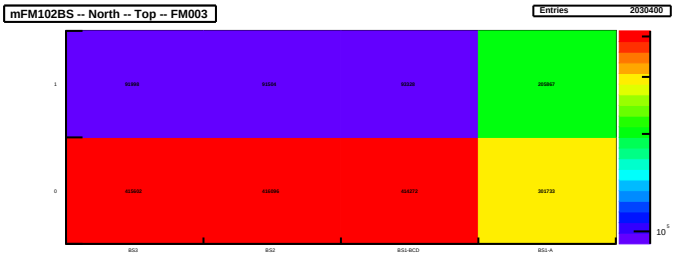

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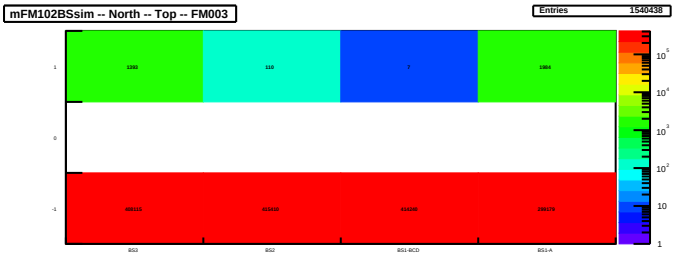

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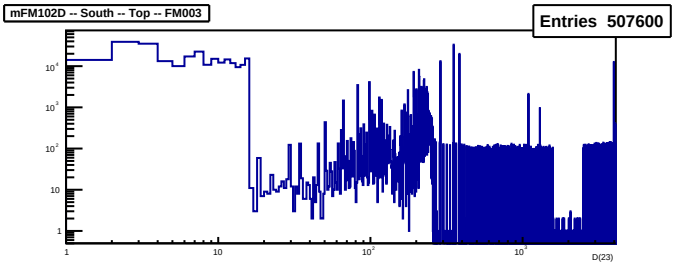

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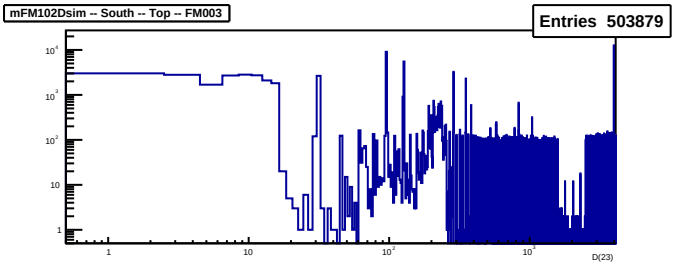

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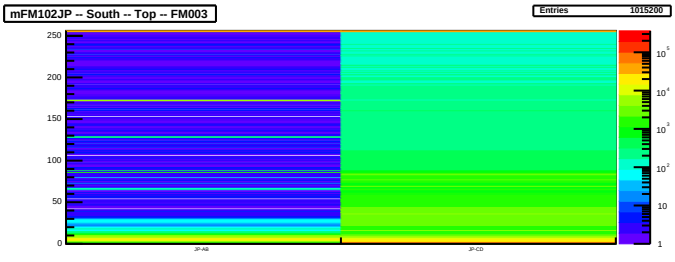

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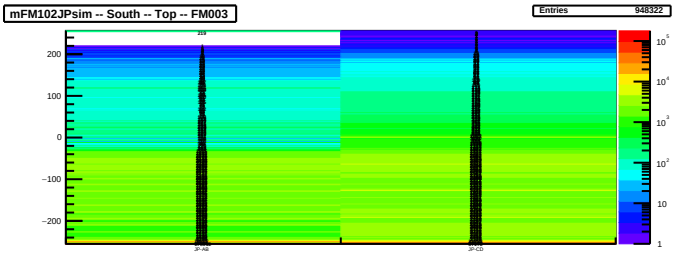

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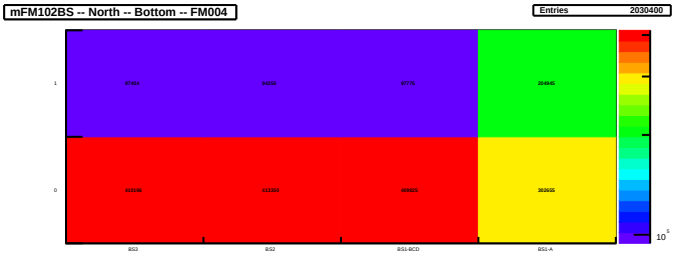

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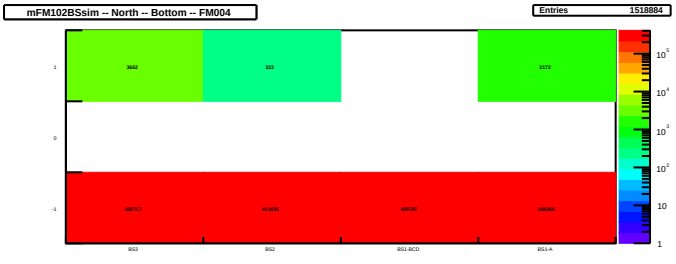

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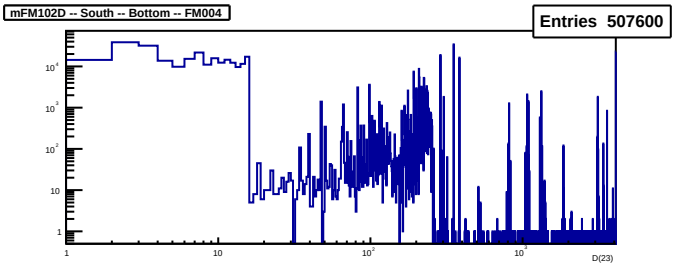

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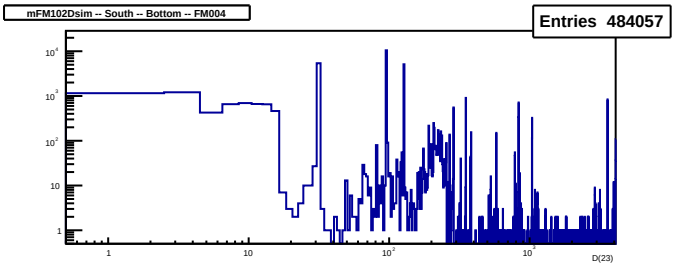

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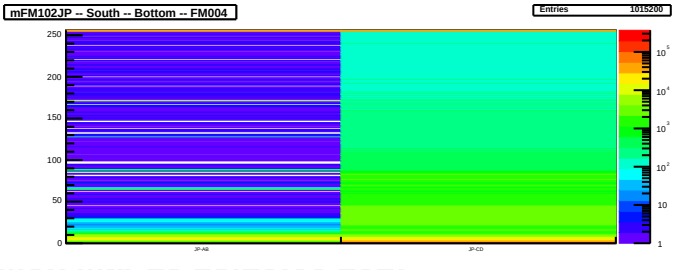

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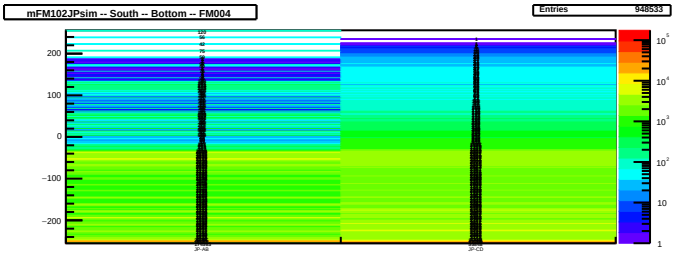
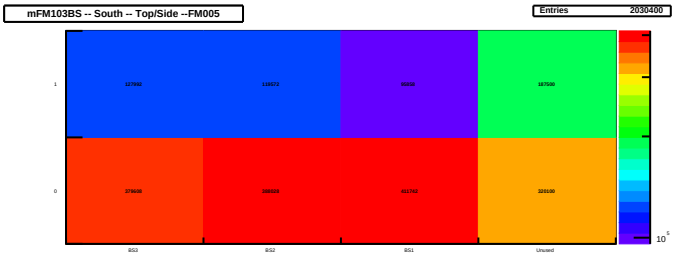
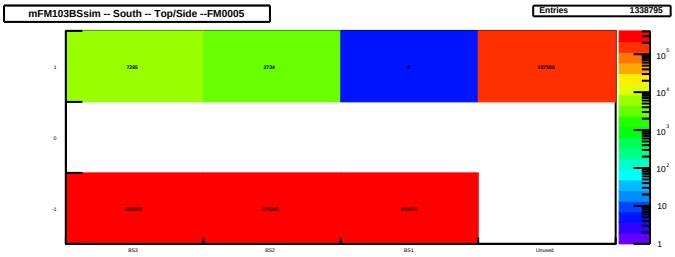



mFM103BS -- South -- Top/Side --FM005
Entries 2030400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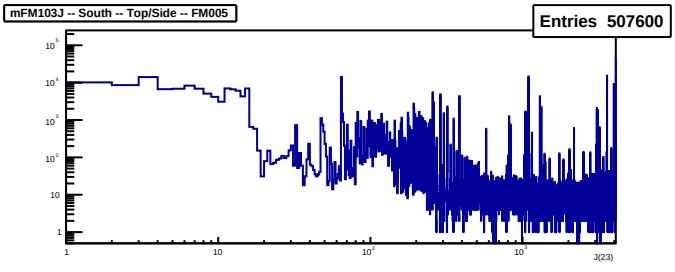
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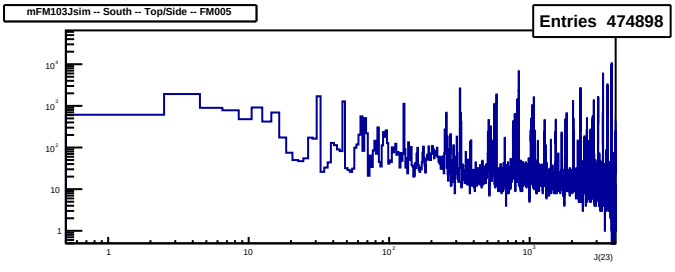
Entries 507600
J(23)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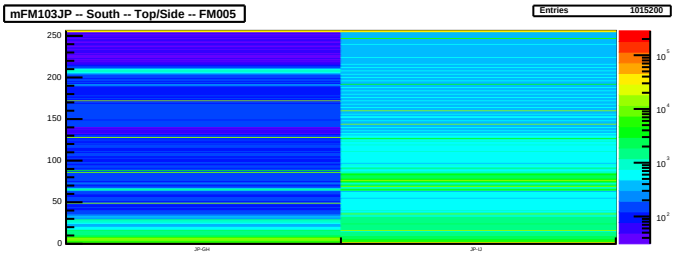
J(23)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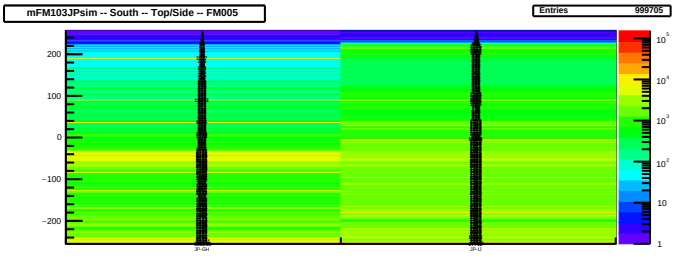
Entries 1015200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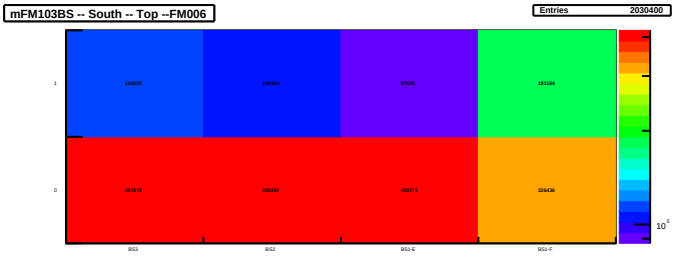
Entries 999705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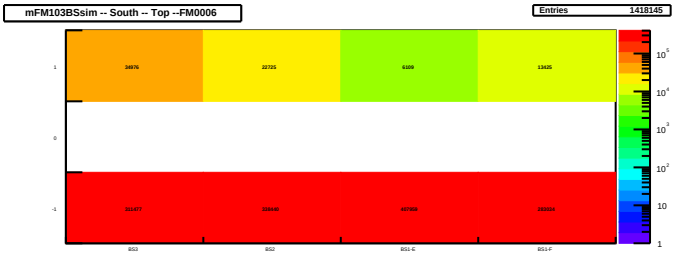
Entries 2030400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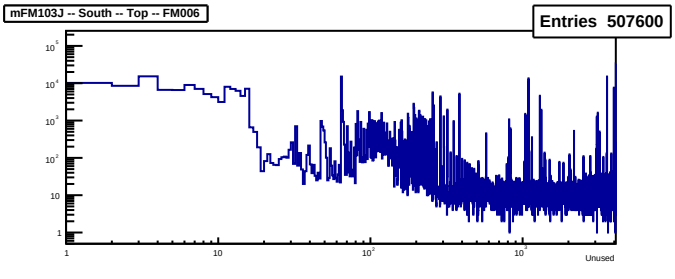
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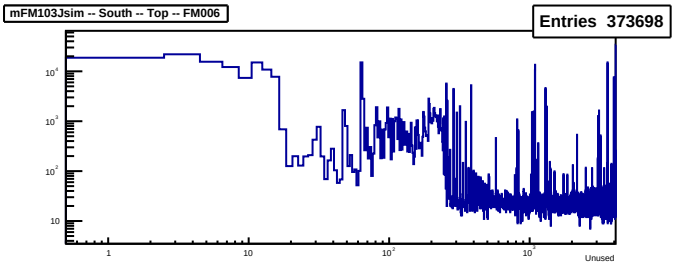
Entries 507600
Unused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Entries 373698
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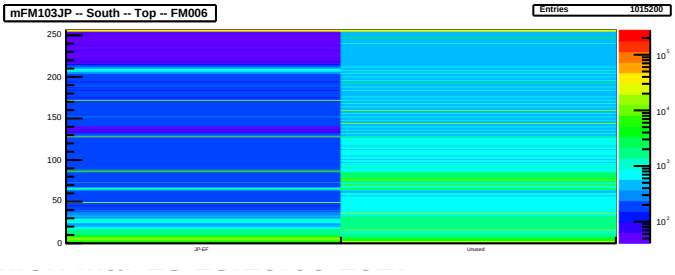
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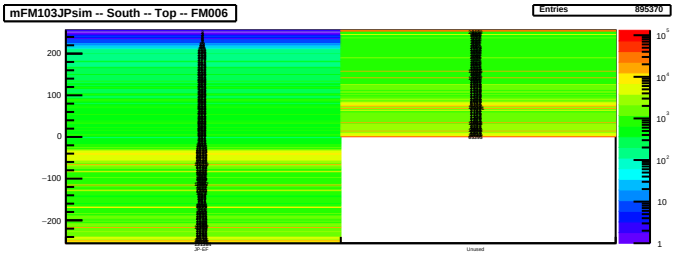
Entries 1015200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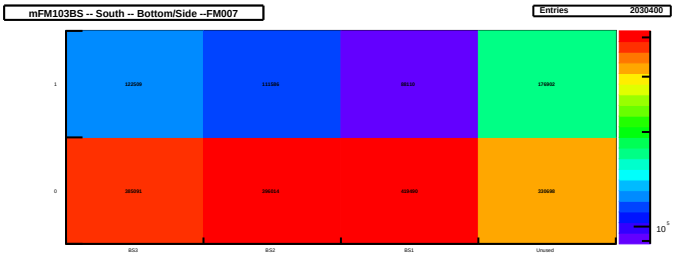
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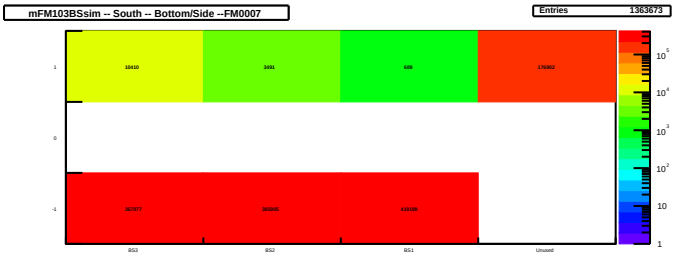
Entries 2030400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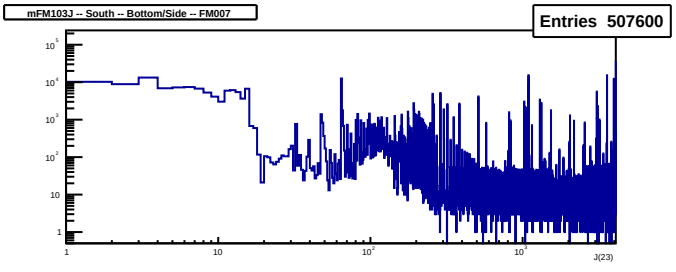
Entries 1363673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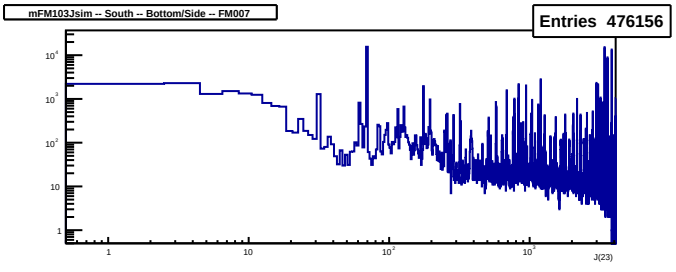
J(23)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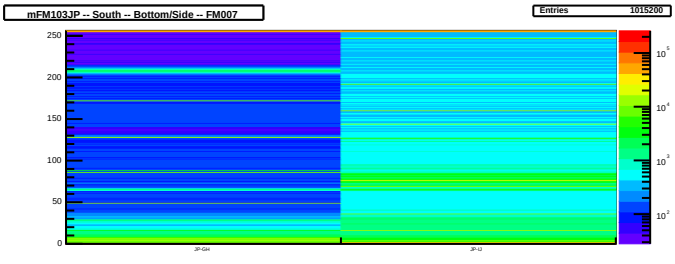
J(23)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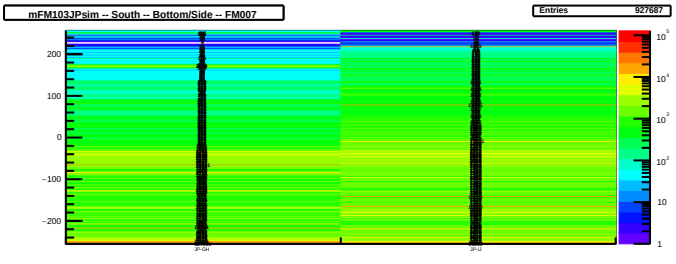
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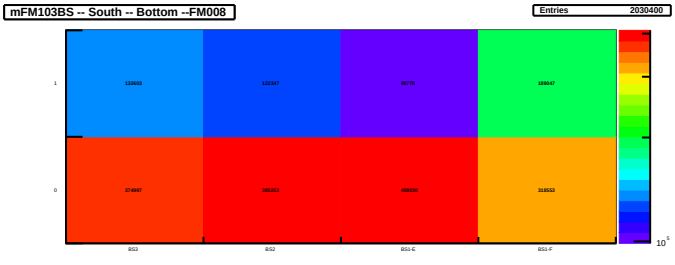
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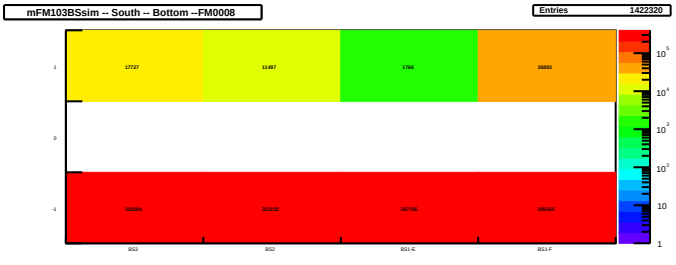
Entries 2030400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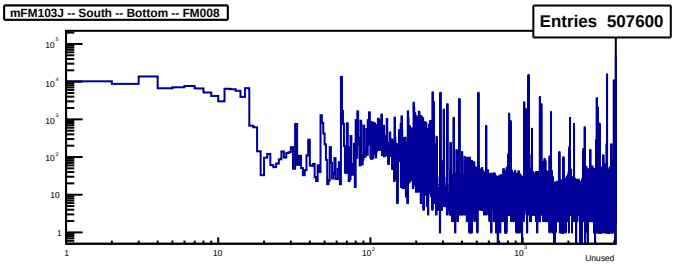
Entries 1422320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Entries 507600
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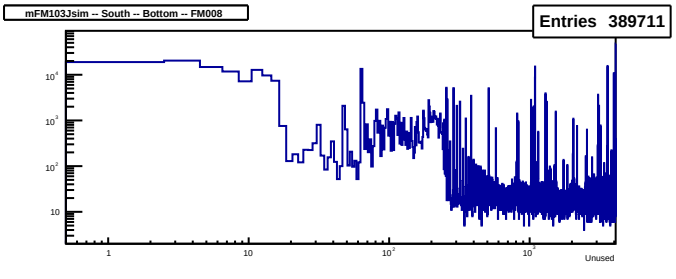
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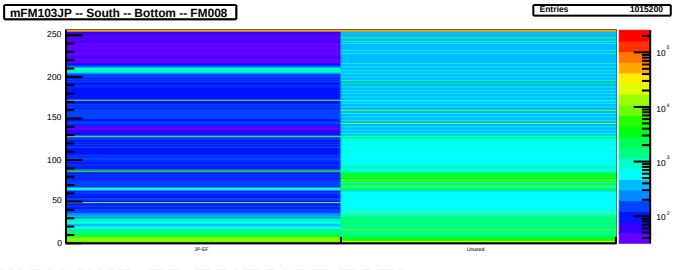
Entries 389711
Unused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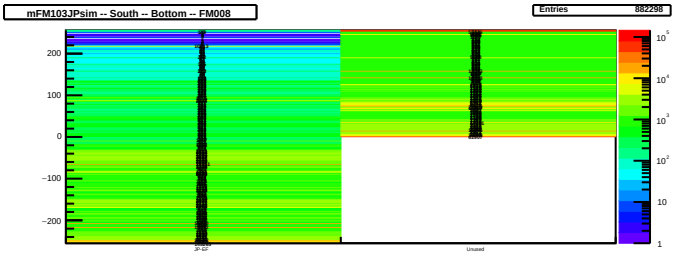
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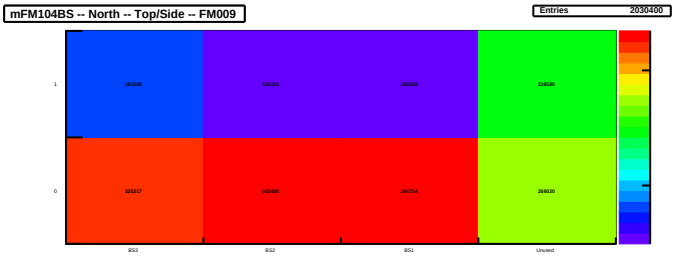
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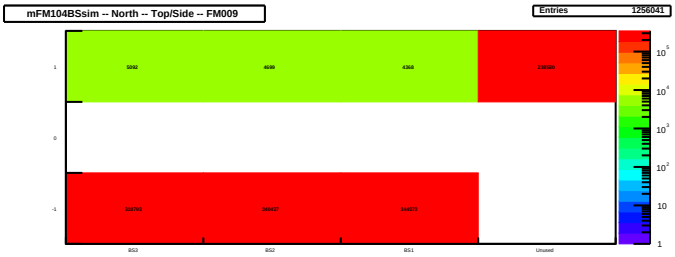
Entries 2030400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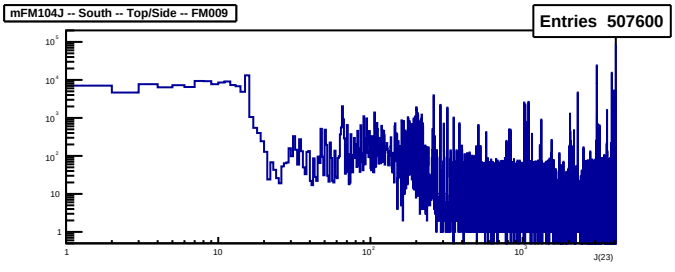
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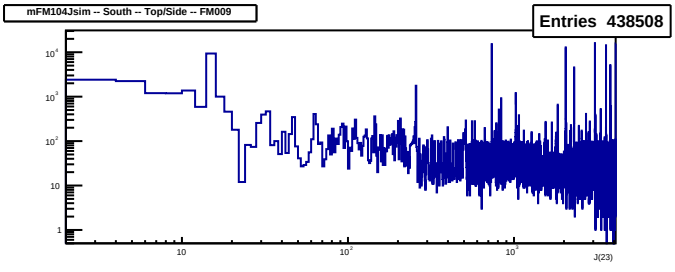
Entries 507600
J(23)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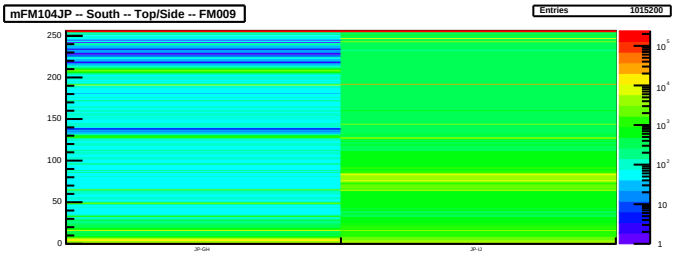
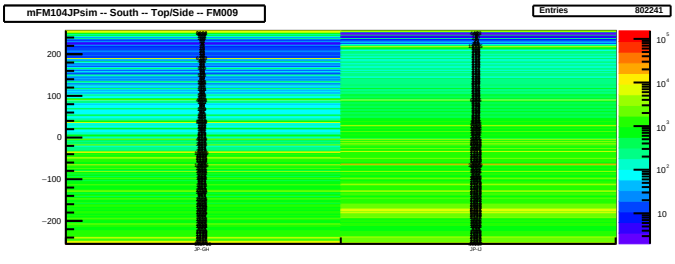
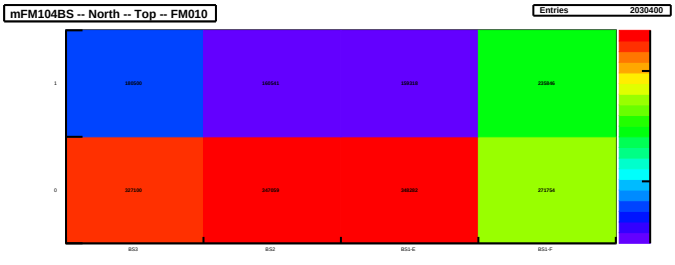
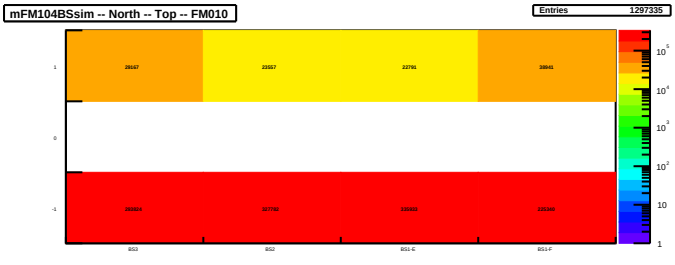
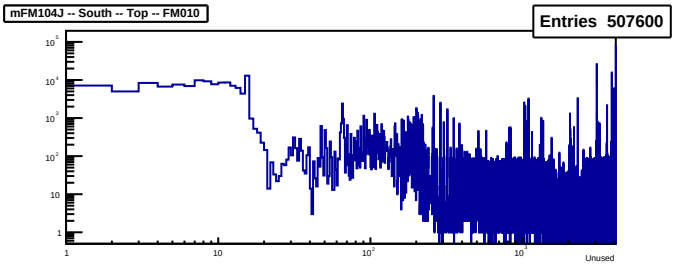
Entries 438508
J(23)

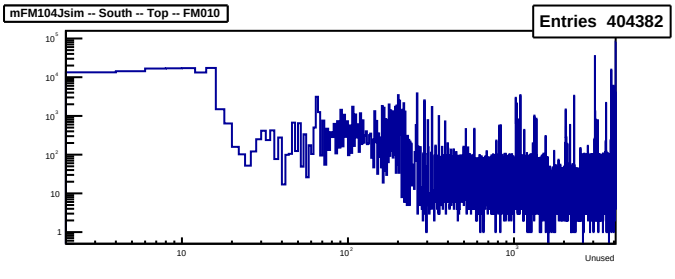

mFM104JP -- South -- Top/Side -- FM009
Entries 1015200

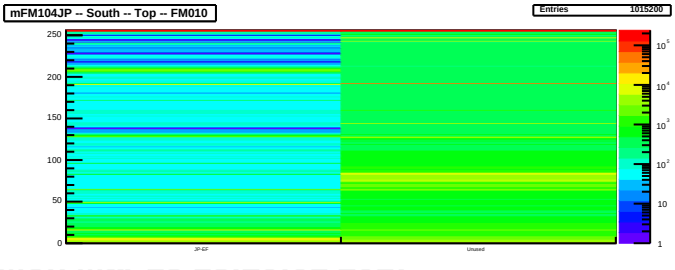

mFM104JPsim -- South -- Top/Side -- FM009
Entries 802241

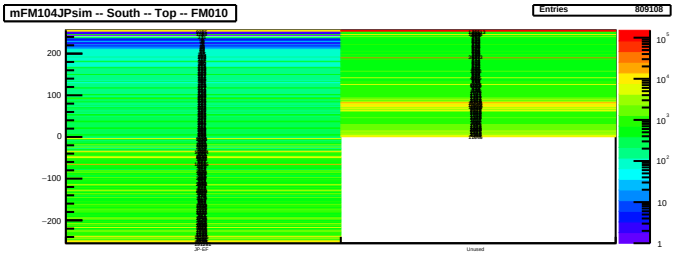

mFM104BS -- North -- Top -- FM010
Entries 2030400

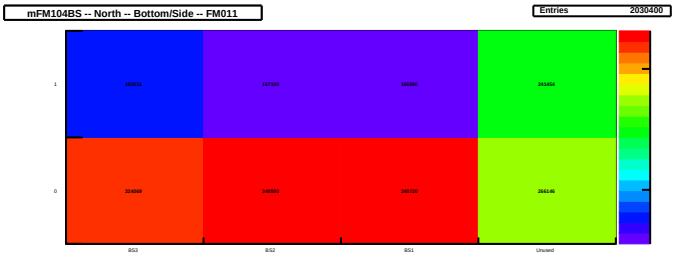

mFM104BSsim -- North -- Top -- FM010
Entries 1297335

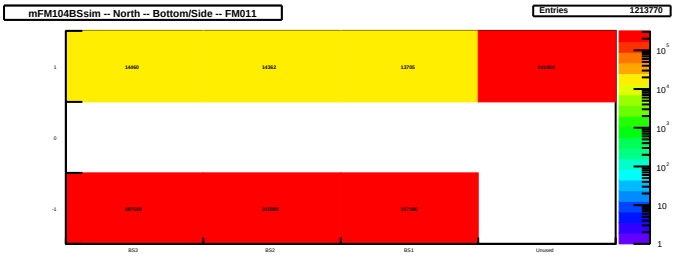

mFM104J -- South -- Top -- FM010
Entries 507600
Unused

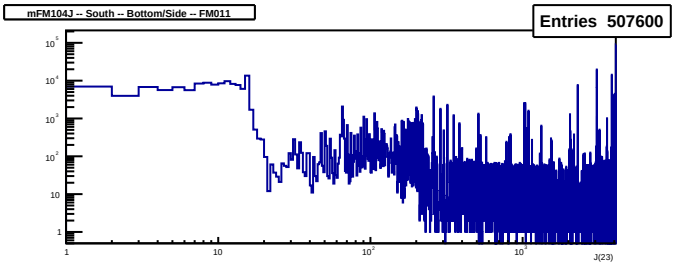

mFM104Jsim -- South -- Top -- FM010
Entries 404382
Unused

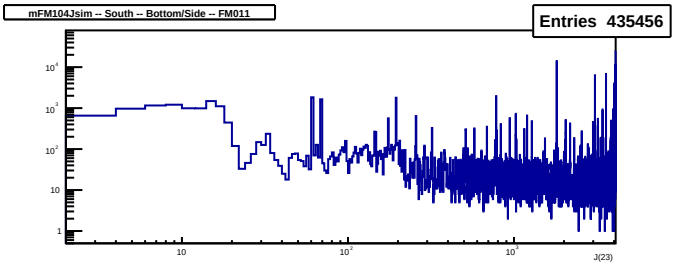

mFM104JP -- South -- Top -- FM010
Entries 1015200

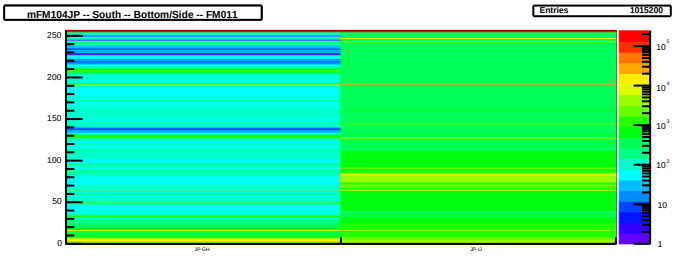

mFM104JPsim -- South -- Top -- FM010
Entries 809108

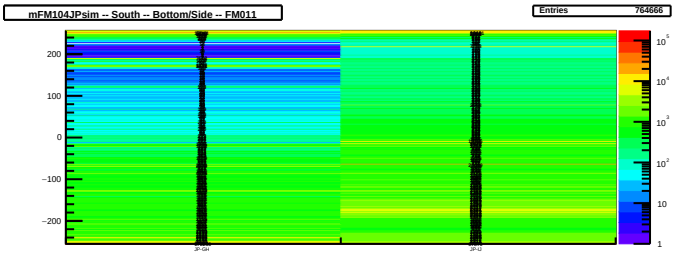

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2030400

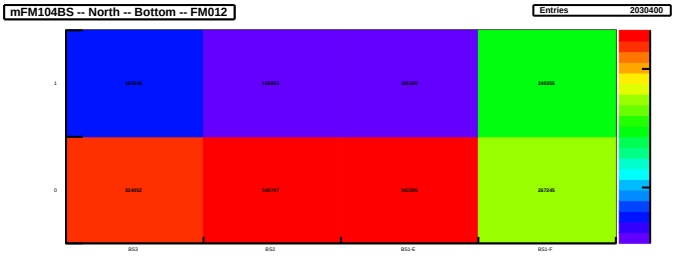

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 1213770

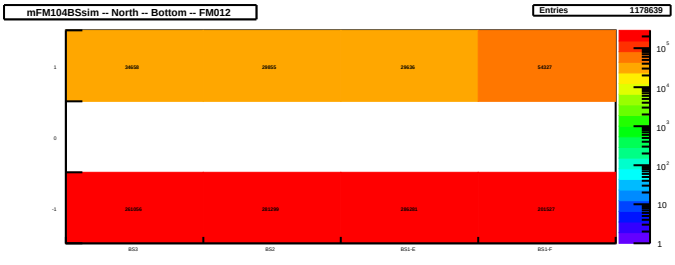

mFM104J -- South -- Bottom/Side -- FM011
Entries 507600
J(23)

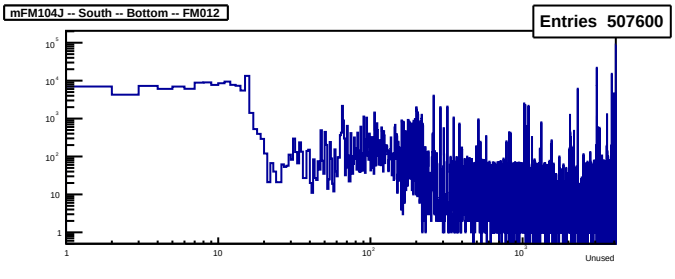

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 435456
J(23)

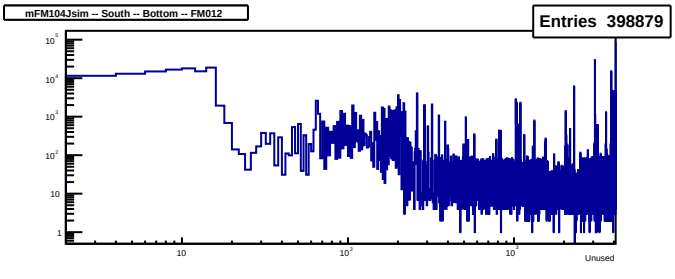

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1015200

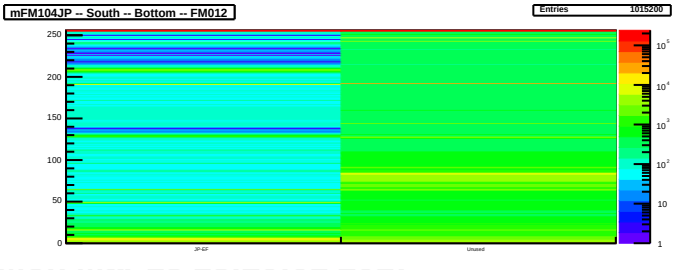

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 764666

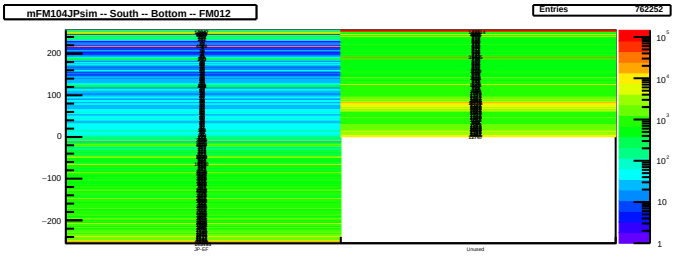

mFM104BS -- North -- Bottom -- FM012
Entries 2030400

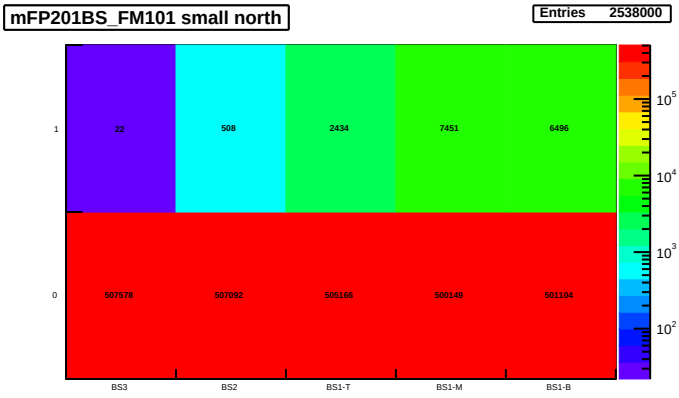

mFM104BSsim -- North -- Bottom -- FM012
Entries 1178639

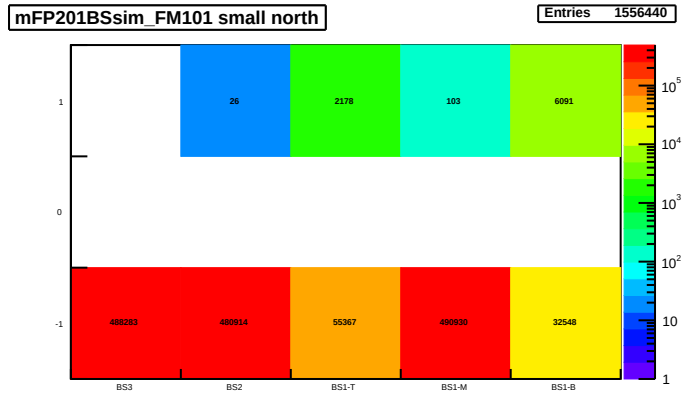

mFM104J -- South -- Bottom -- FM012
Entries 507600
Unused

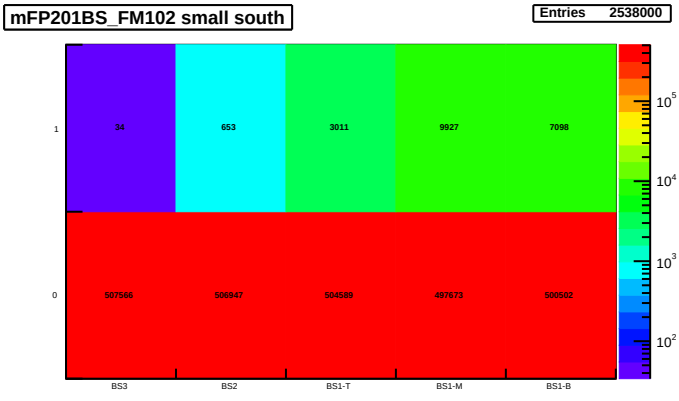

mFM104Jsim -- South -- Bottom -- FM012
Entries 398879
Unused

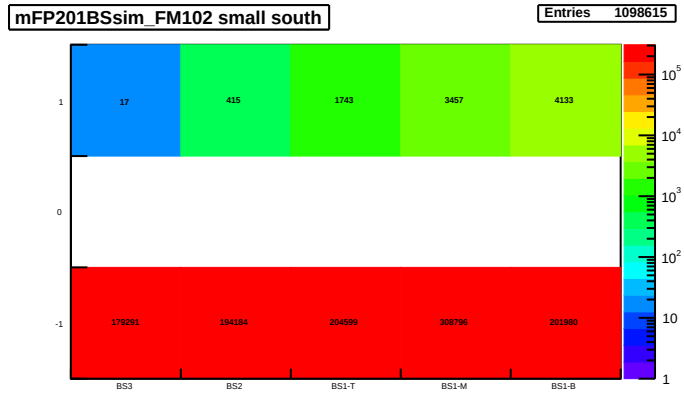

mFM104JP -- South -- Bottom -- FM012
Entries 1015200

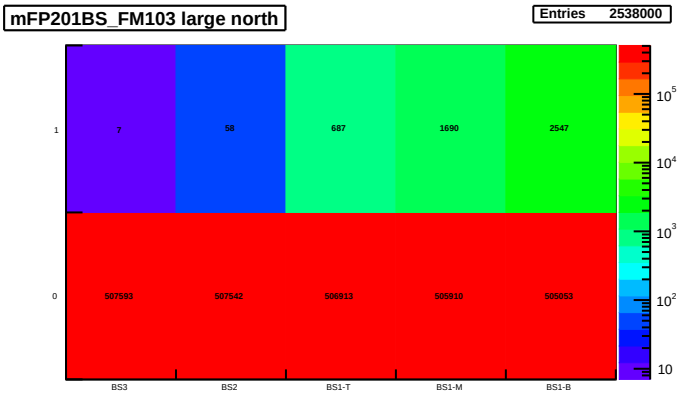

mFM104JPsim -- South -- Bottom -- FM012
Entries 762252

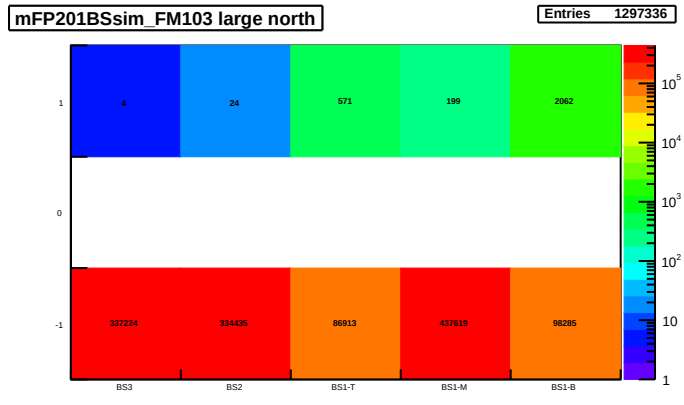

mFP201BS_FM101 small north
Entries 2538000
1
0
22
508
2434
7451
6496
507578
507092
505166
500149
501104
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2

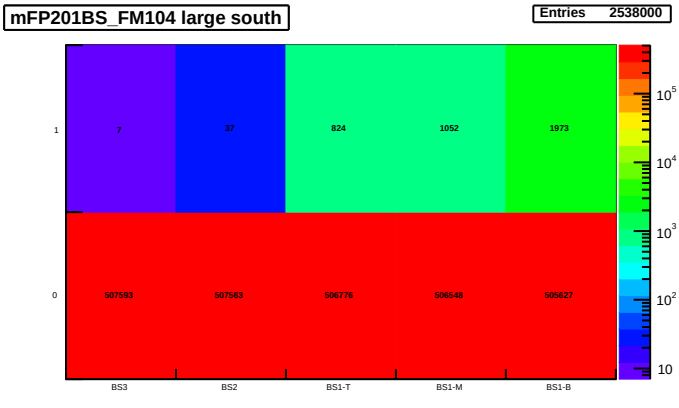

mFP201BSsim_FM101 small north
Entries 1556440
1
0
-1
26
2178
103
6091
488283
480914
55367
490930
32548
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

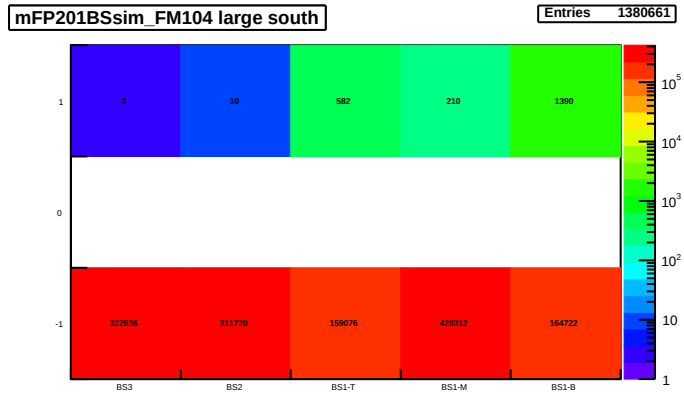

mFP201BS_FM102 small south
Entries 2538000
1
0
34
653
3011
9927
7098
507566
506947
504589
497673
500502
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2

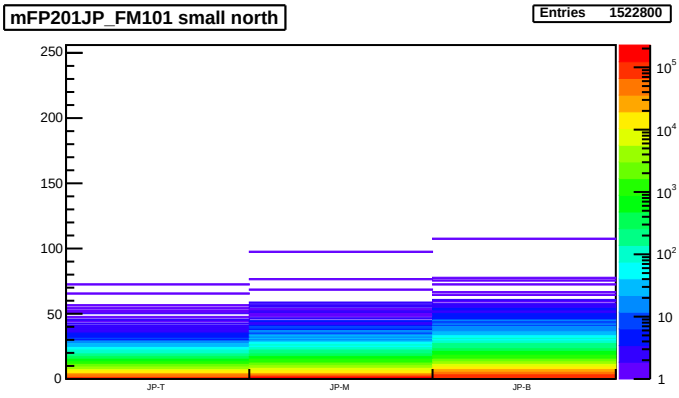

mFP201BSsim_FM102 small south
Entries 1098615
1
0
-1
17
415
1743
3457
4133
179291
194184
204599
308796
201980
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

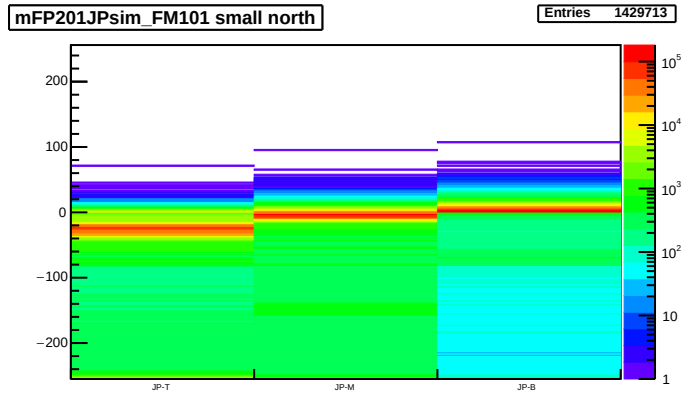

mFP201BS_FM103 large north
Entries 2538000
1
0
7
58
687
1690
2547
507593
507542
506913
505910
505053
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10

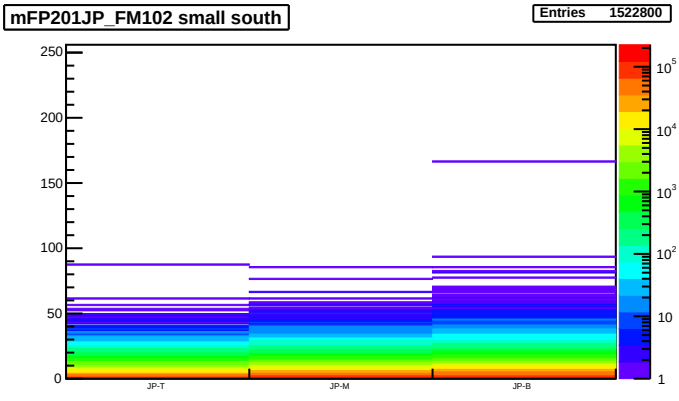

mFP201BSsim_FM103 large north
Entries 1297336
1
0
-1
4
24
571
199
2062
337224
334435
86913
437619
98285
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

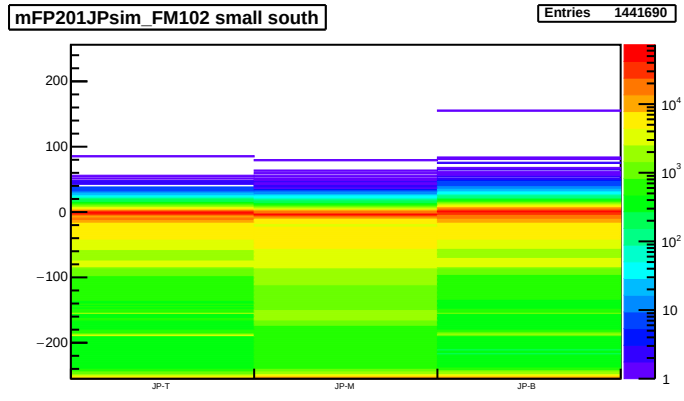

mFP201BS_FM104 large south
Entries 2538000
1
0
7
37
824
1052
1973
507593
507563
506776
506548
505627
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10

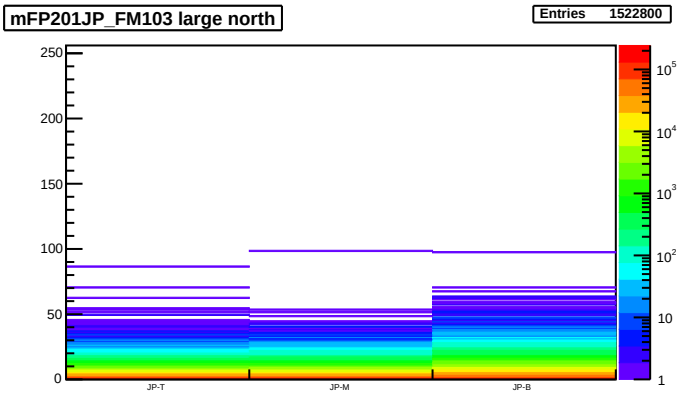

mFP201BSsim_FM104 large south
Entries 1380661
1
0
-1
3
10
582
210
1390
322636
311720
159076
420312
164722
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

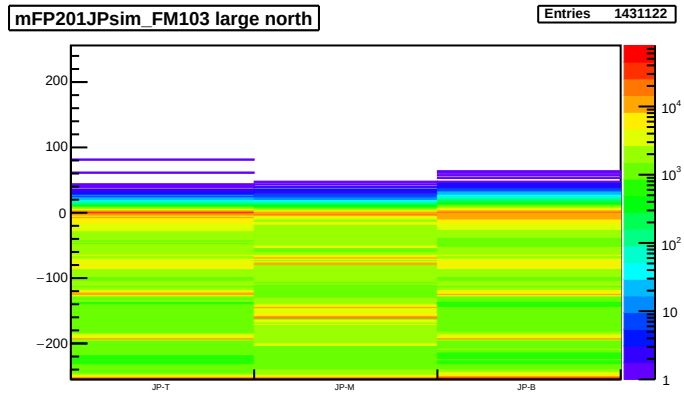

mFP201JP_FM101 small north
Entries 1522800
JP-T
JP-M
JP-B

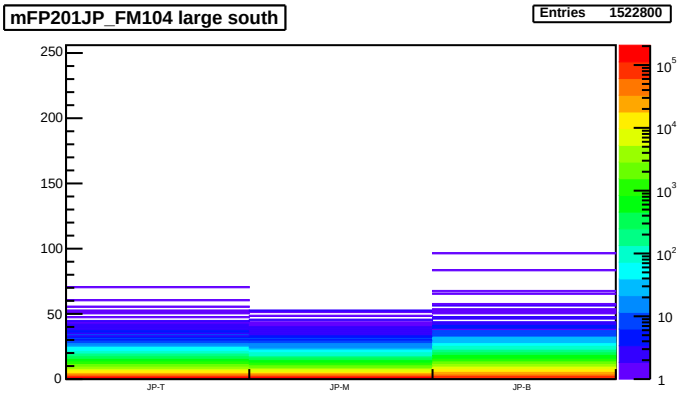

mFP201JPsim_FM101 small north
Entries 1429713
JP-T
JP-M
JP-B

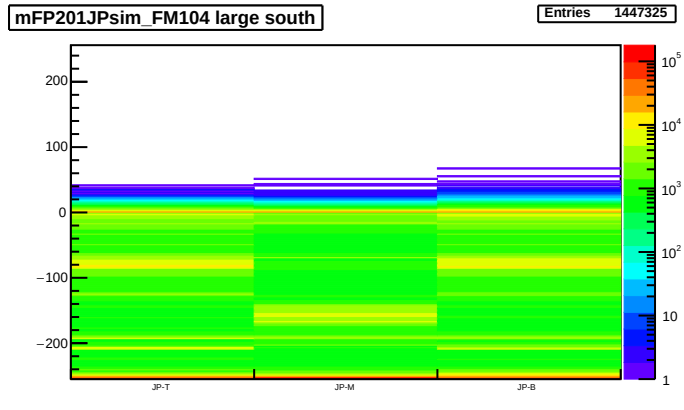

mFP201JP_FM102 small south
Entries 1522800
JP-T
JP-M
JP-B

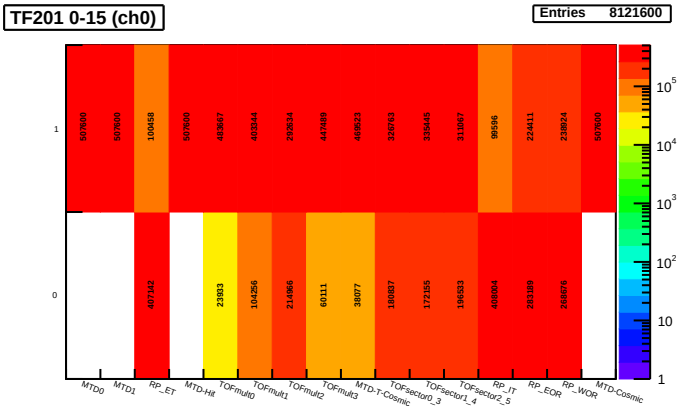

mFP201JPsim_FM102 small south
Entries 1441690
JP-T
JP-M
JP-B

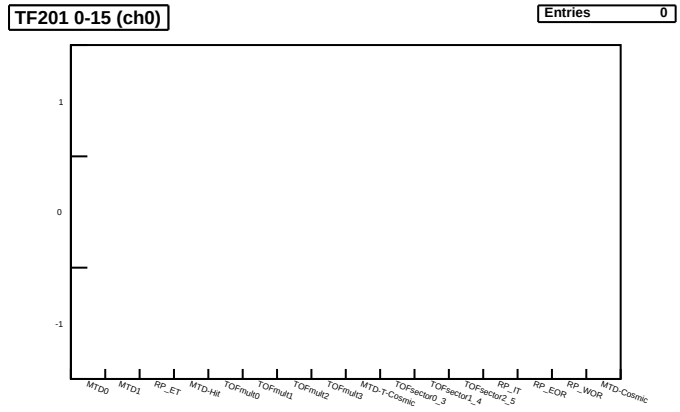

mFP201JP_FM103 large north
Entries 1522800
JP-T
JP-M
JP-B

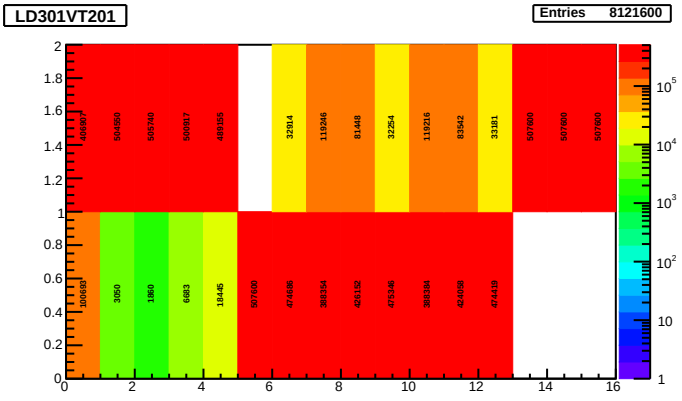

mFP201JPsim_FM103 large north
Entries 1431122
JP-T
JP-M
JP-B

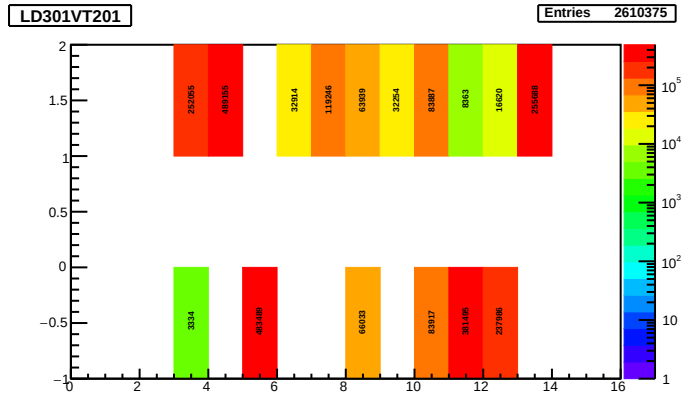

mFP201JP_FM104 large south
Entries 1522800
JP-T
JP-M
JP-B

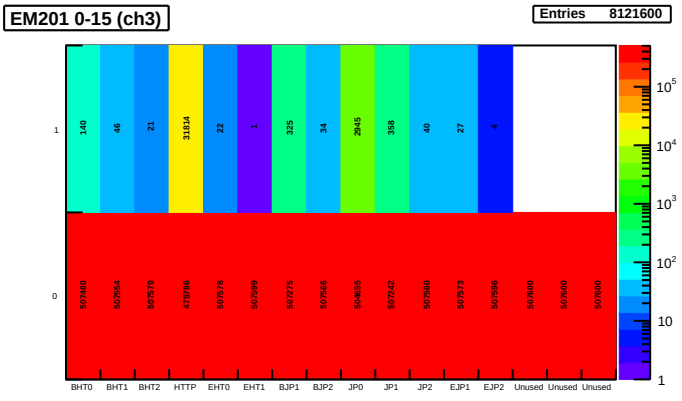

mFP201JPsim_FM104 large south
Entries 1447325
JP-T
JP-M
JP-B

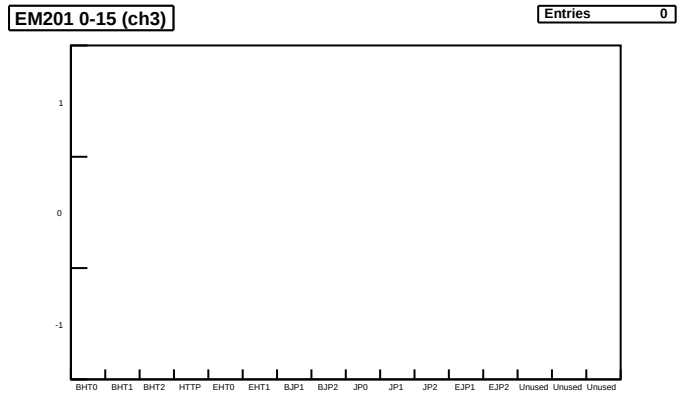

TF201 0-15 (ch0)
Entries 8121600
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

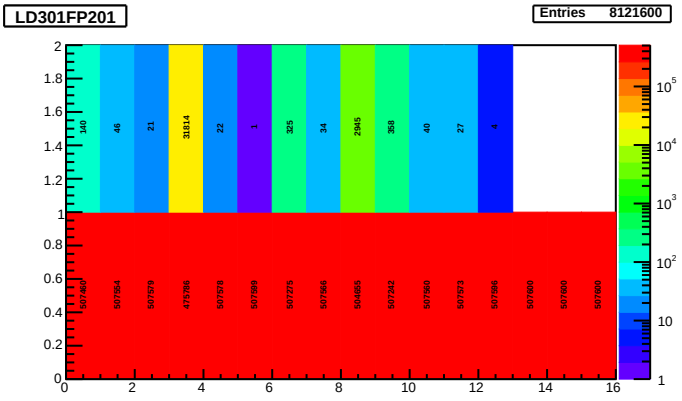

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

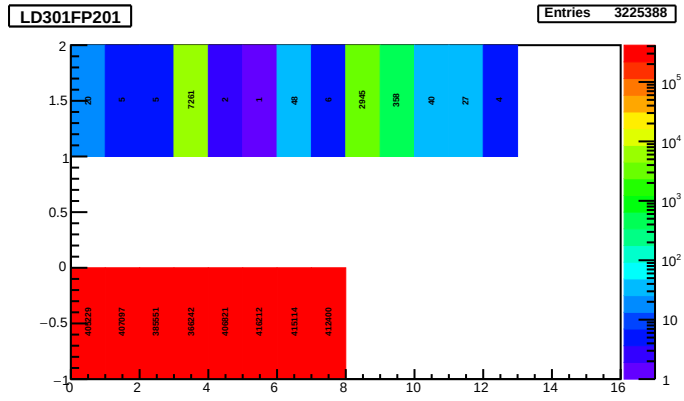

LD301VT201
Entries 8121600


LD301VT201
Entries 2610375


EM201 0-15 (ch3)
Entries 8121600
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 8121600


LD301FP201
Entries 3225388