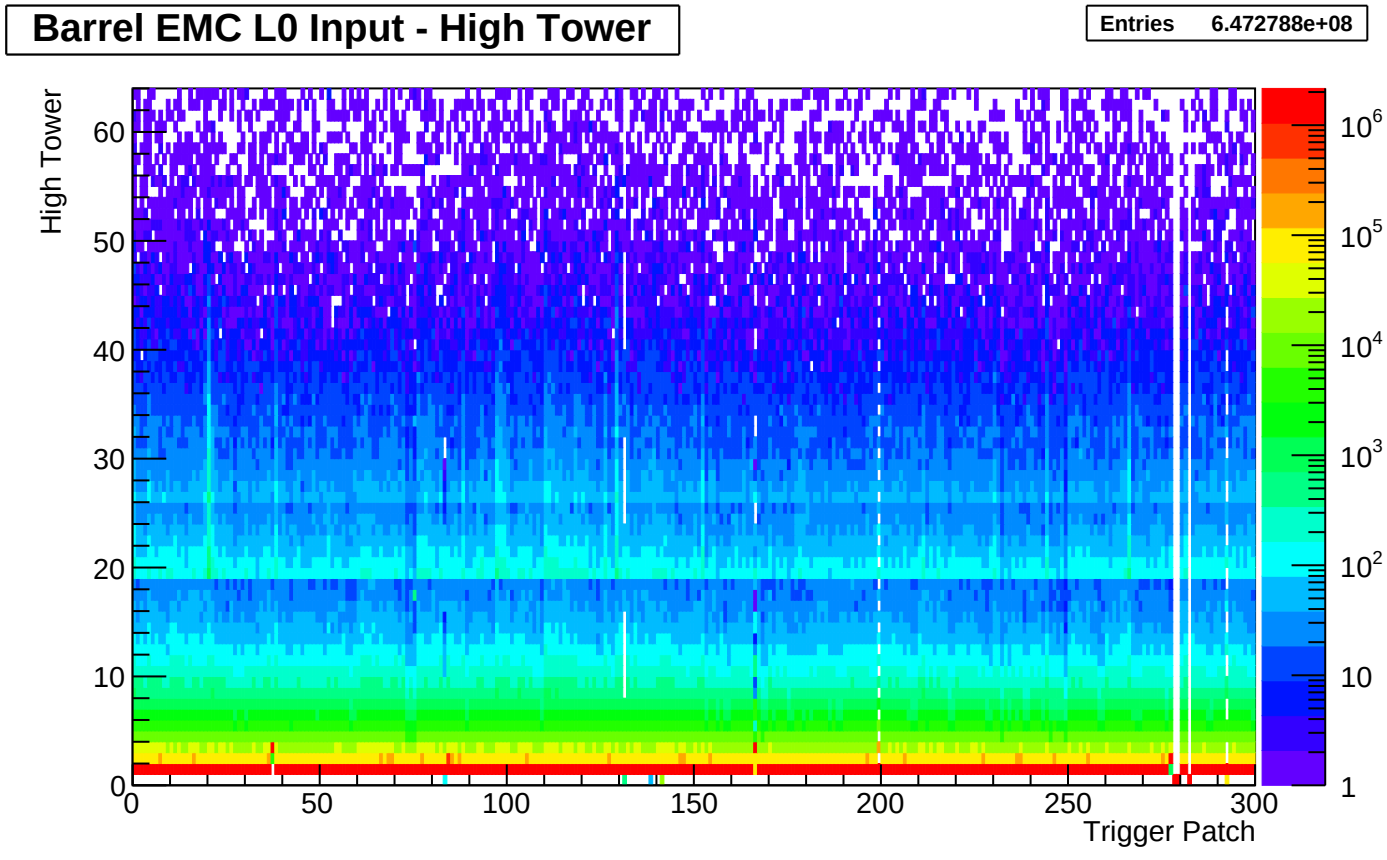
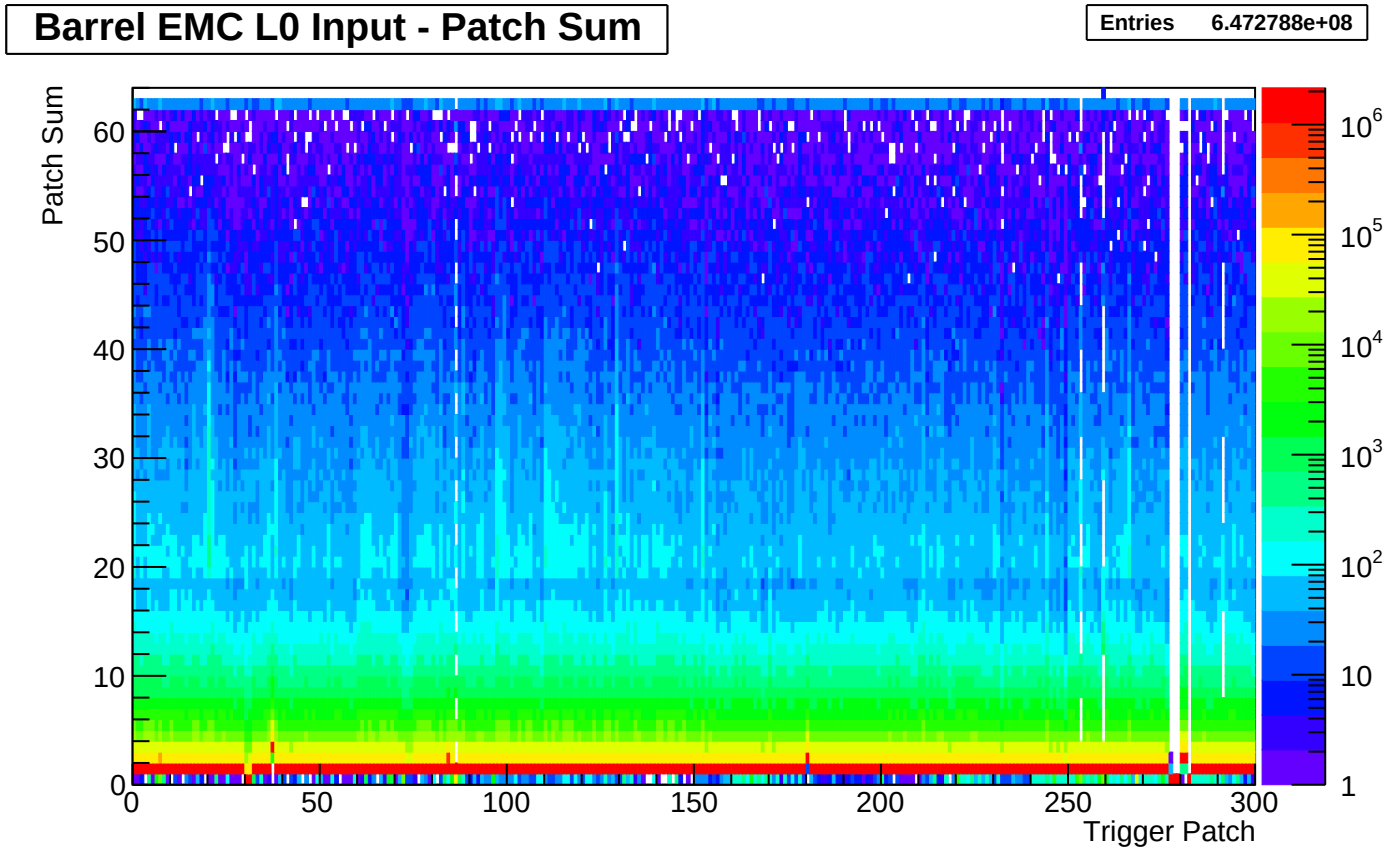
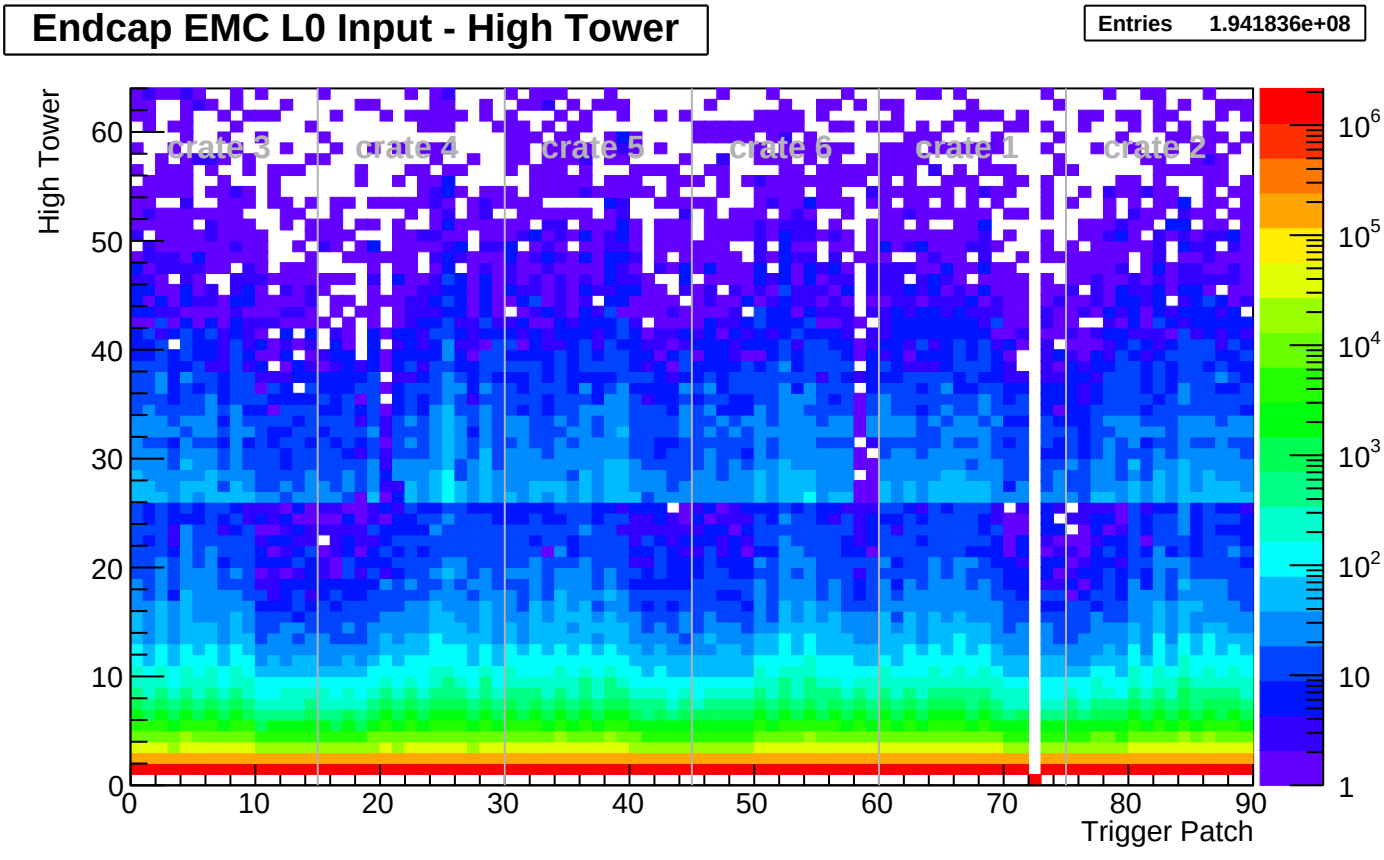
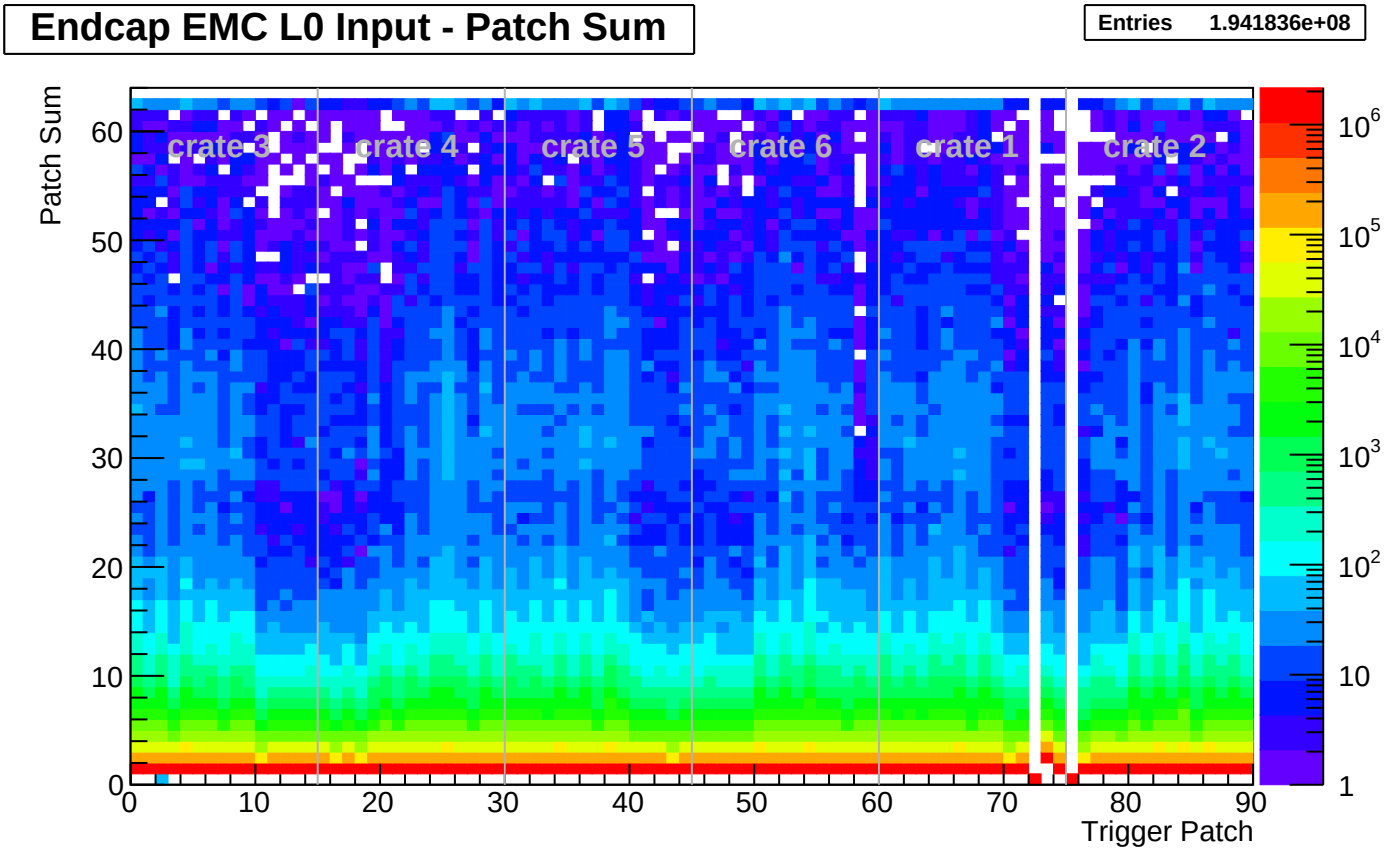
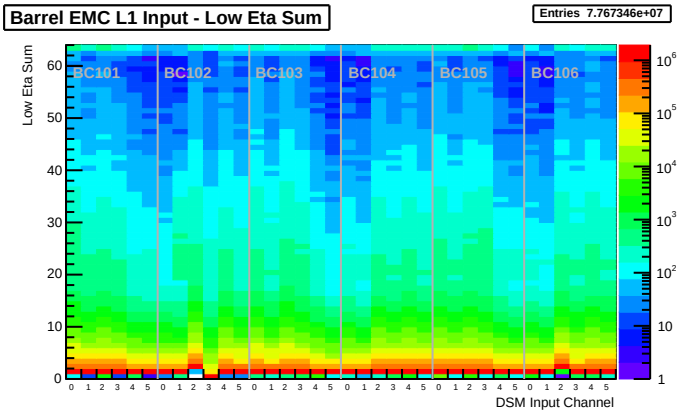
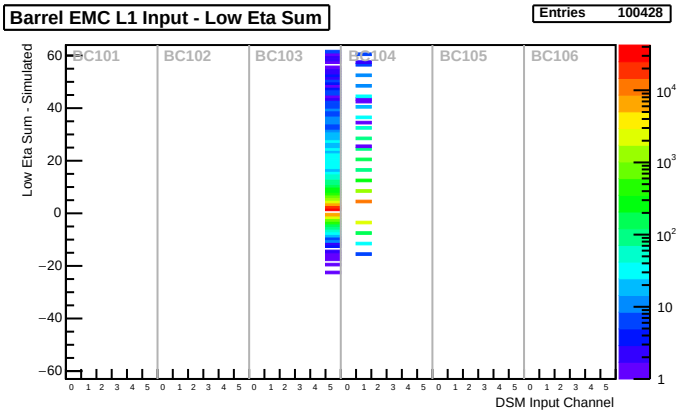

Barrel EMC L0 Input - High Tower
Entries 6.472788e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

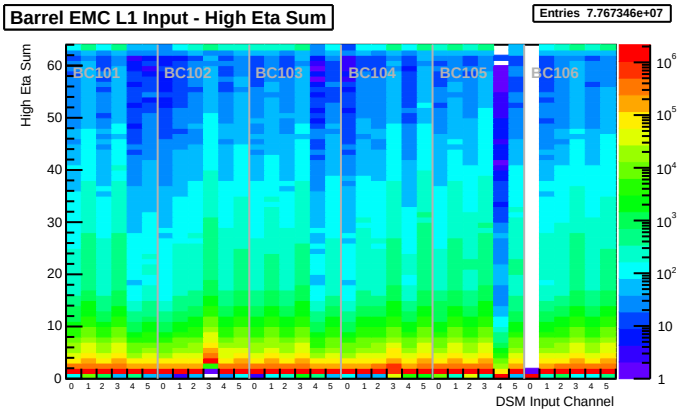

Barrel EMC L0 Input - Patch Sum
Entries 6.472788e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

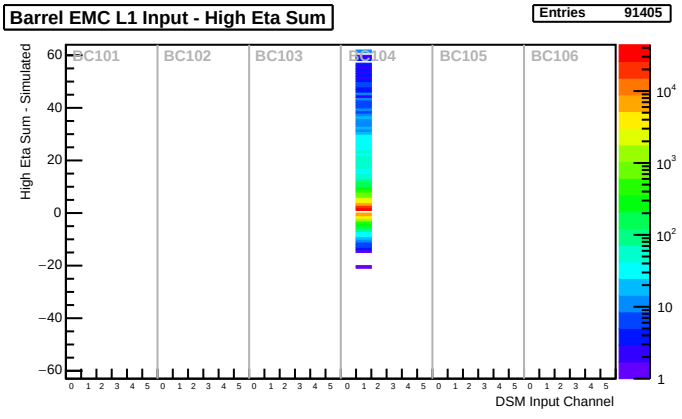

Endcap EMC L0 Input - High Tower
Entries 1.941836e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

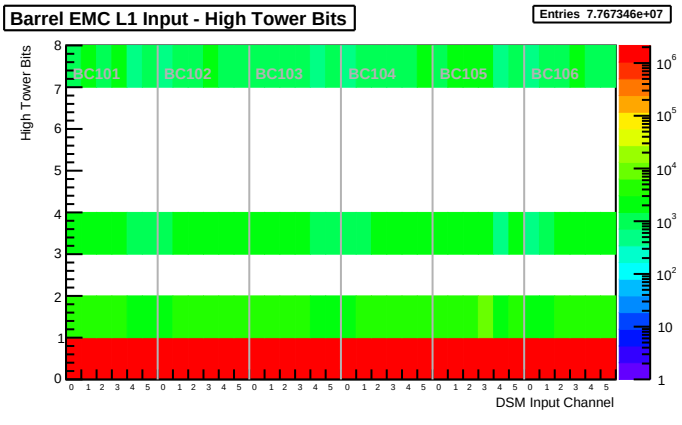

Endcap EMC L0 Input - Patch Sum
Entries 1.941836e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

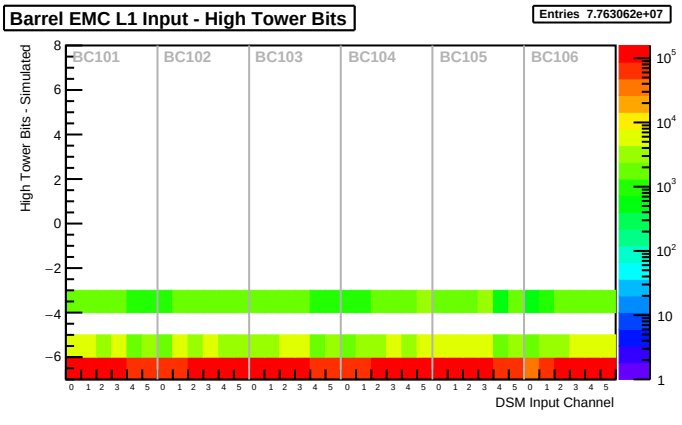

Barrel EMC L1 Input - Low Eta Sum
Entries 7.767346e+07
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

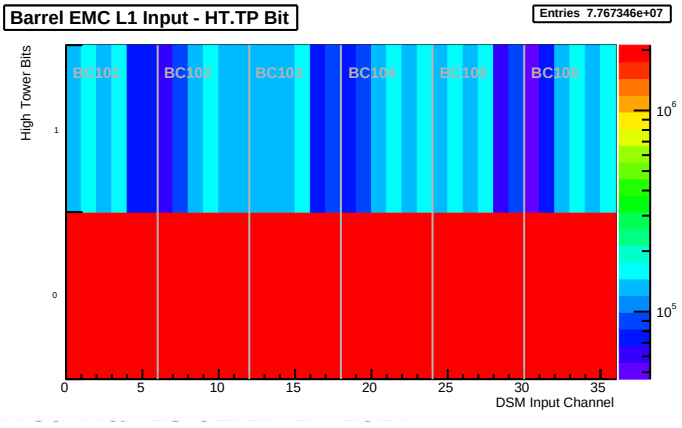

Barrel EMC L1 Input - Low Eta Sum
Entries 100428
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

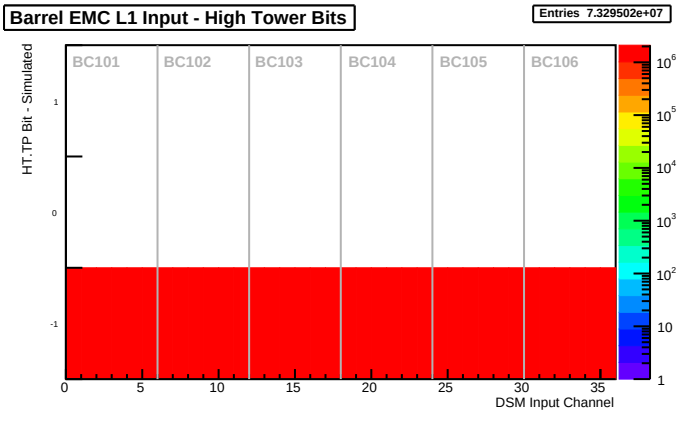

Barrel EMC L1 Input - High Eta Sum
Entries 7.767346e+07
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

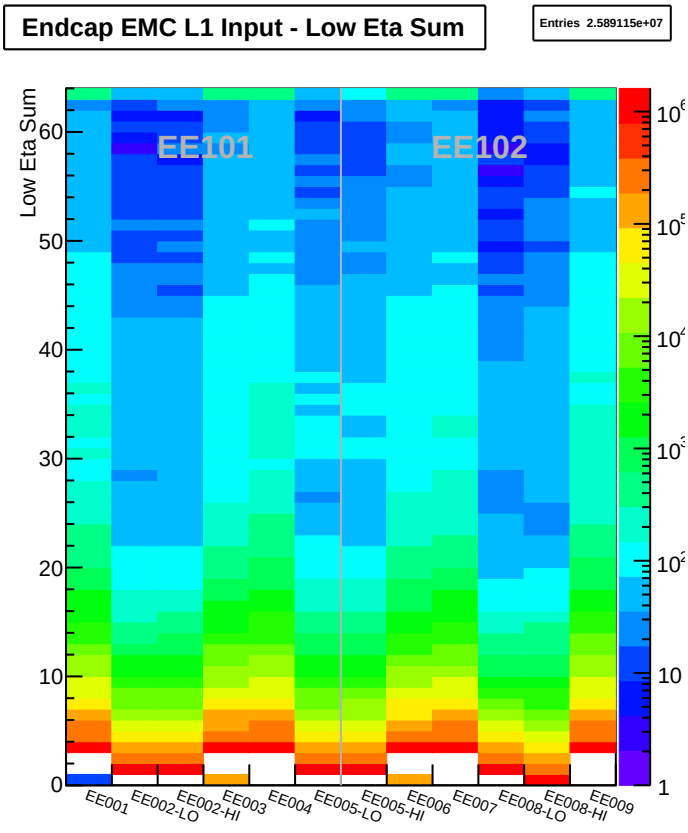

Barrel EMC L1 Input - High Eta Sum
Entries 91405
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

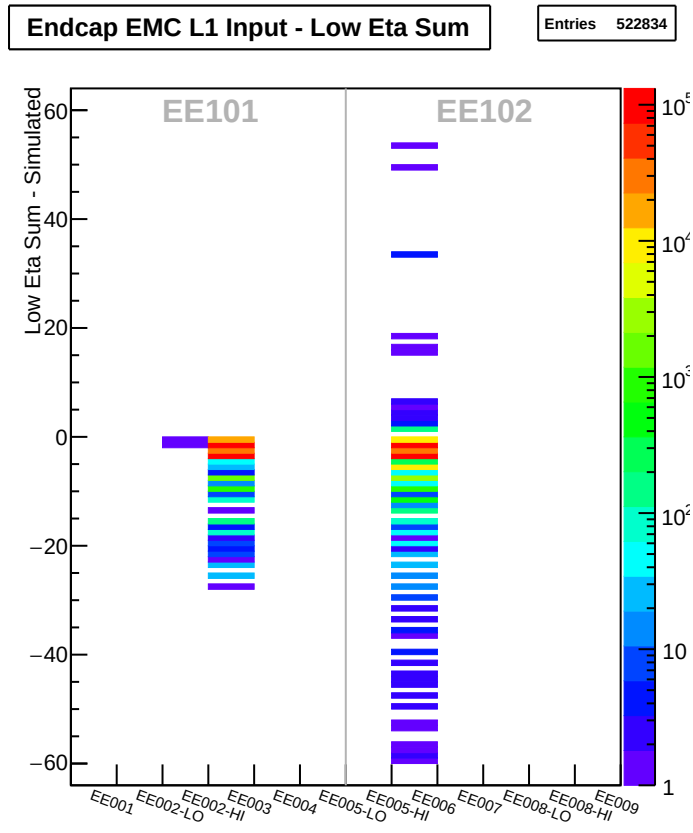

Barrel EMC L1 Input - High Tower Bits
Entries 7.767346e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

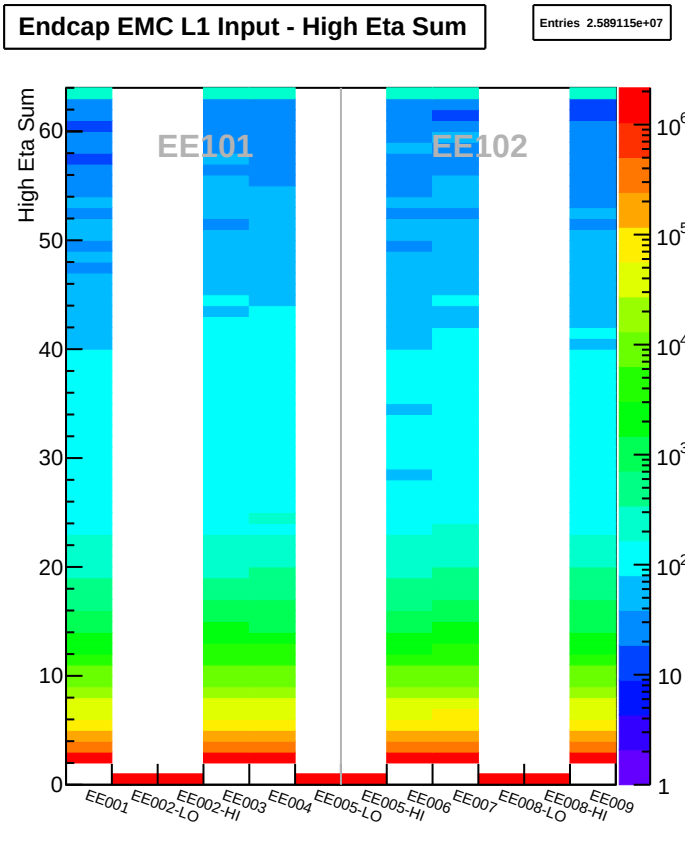

Barrel EMC L1 Input - High Tower Bits
Entries 7.763062e+07
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

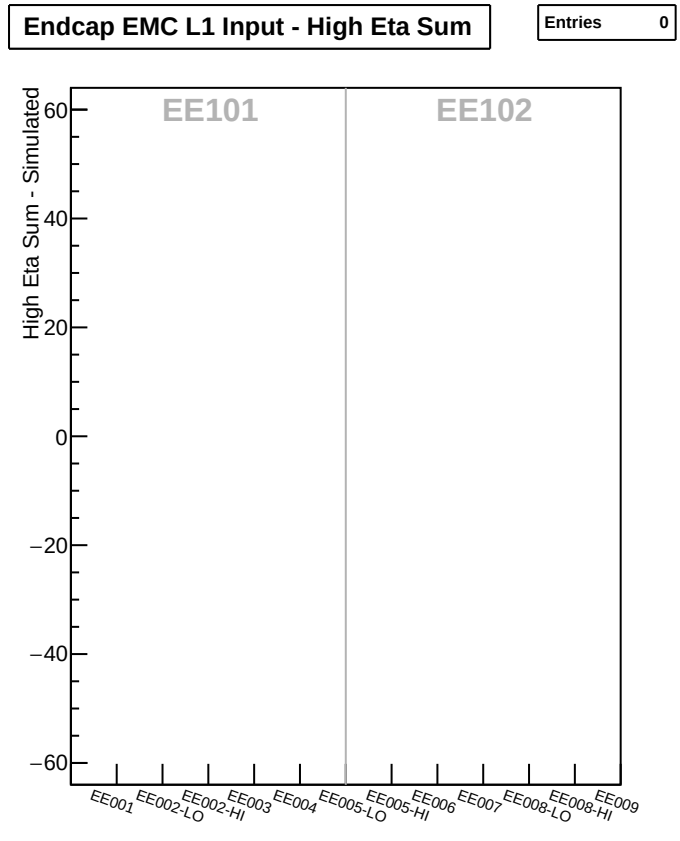

Barrel EMC L1 Input - HT.TP Bit
Entries 7.767346e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

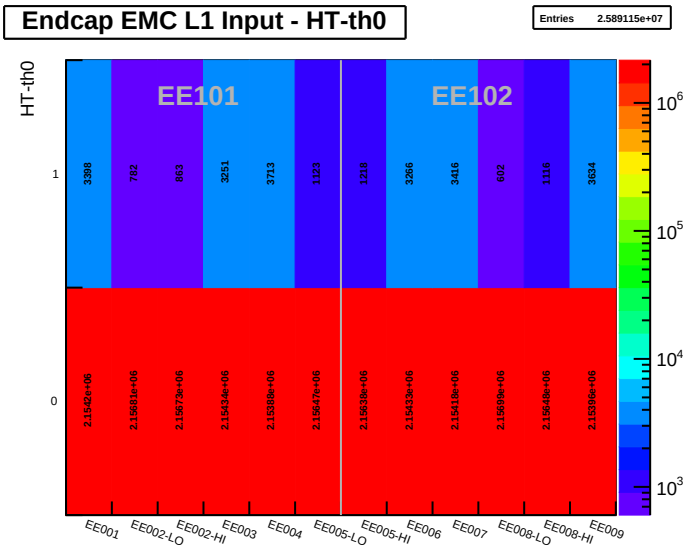

Barrel EMC L1 Input - High Tower Bits
Entries 7.329502e+07
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

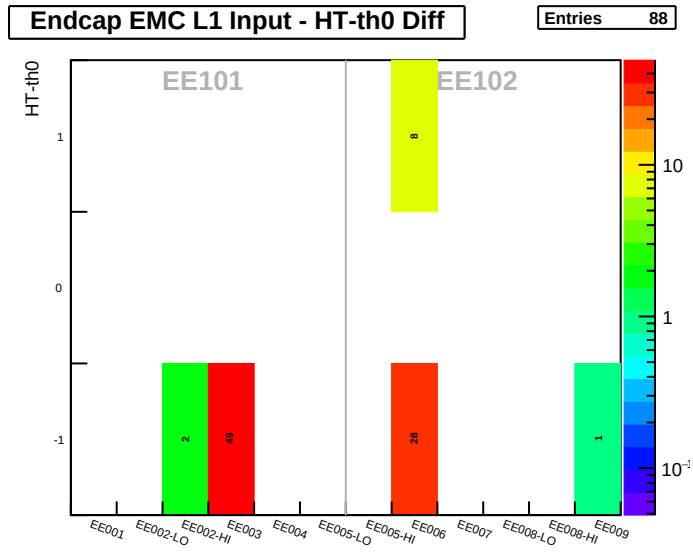

Endcap EMC L1 Input - Low Eta Sum
Entries 2.589115e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

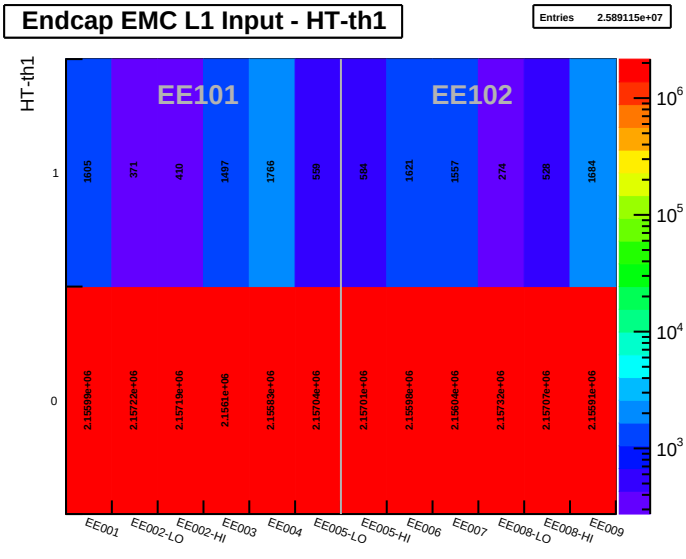

Endcap EMC L1 Input - Low Eta Sum
Entries 522834
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

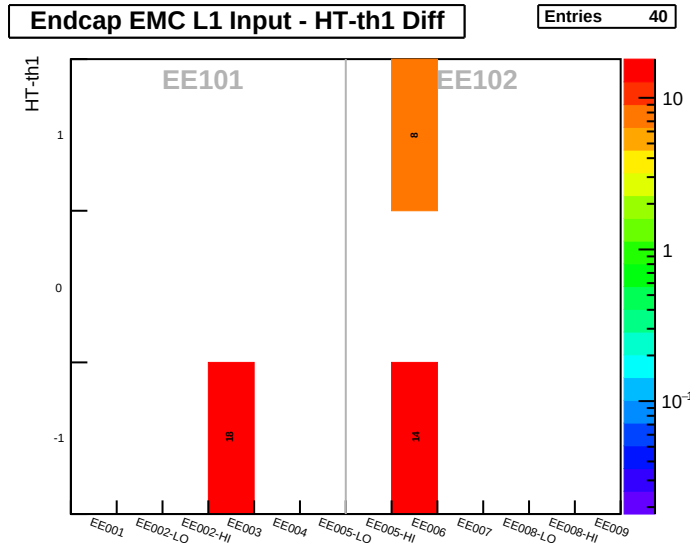

Endcap EMC L1 Input - High Eta Sum
Entries 2.589115e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

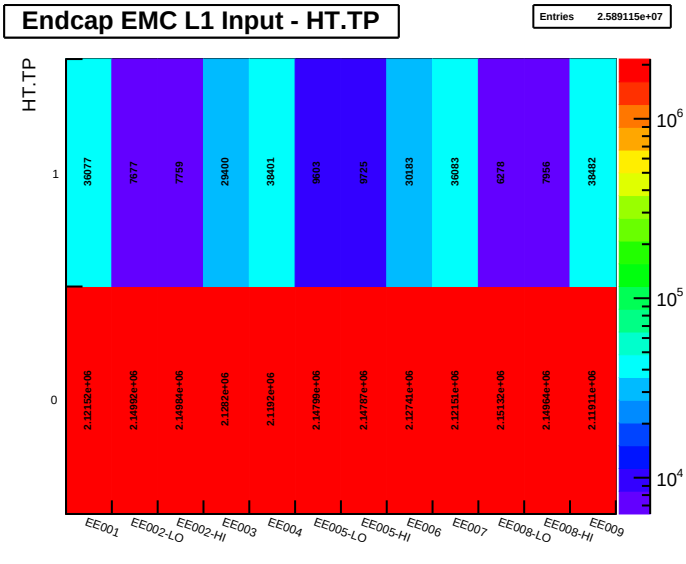

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

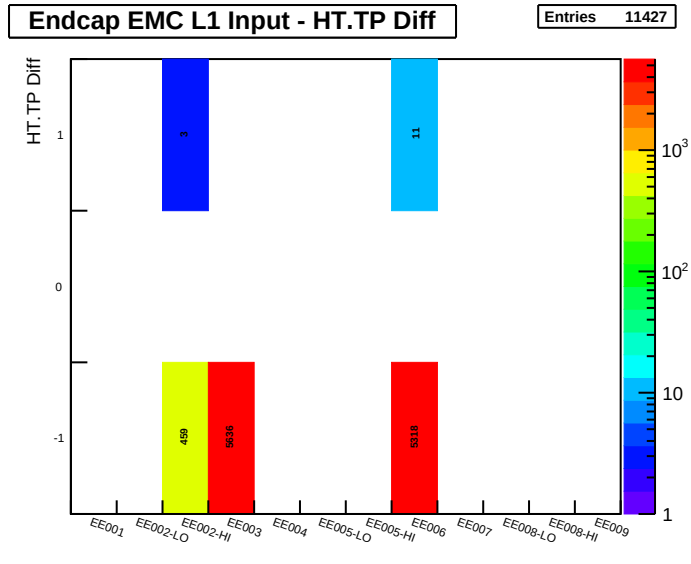

Endcap EMC L1 Input - HT-th0
Entries 2.589115e+07
HT-th0
EE101
EE102
1
0
3398 782 863 3251 3713 1123 1218 3266 3416 602 1116 3634
2.15542e+06 2.15681e+06 2.15673e+06 2.15434e+06 2.15388e+06 2.15647e+06 2.15638e+06 2.15433e+06 2.15418e+06 2.15699e+06 2.15649e+06 2.15396e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^6 10^5 10^4 10^3

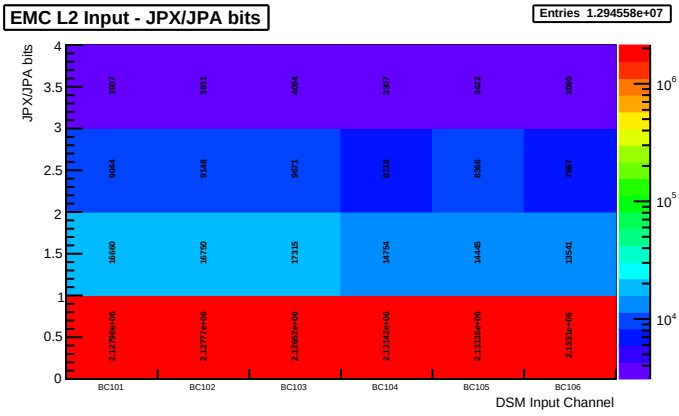

Endcap EMC L1 Input - HT-th0 Diff
Entries 88
HT-th0
EE101
EE102
1
0
-1
8
2 49 28 1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10 1 10^{-1}

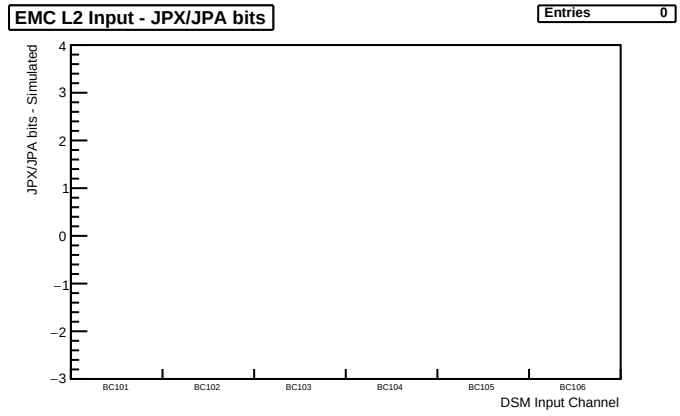

Endcap EMC L1 Input - HT-th1
Entries 2.589115e+07
HT-th1
EE101
EE102
1
0
1605 371 410 1497 1766 559 584 1621 1557 274 526 1684
2.15599e+06 2.15722e+06 2.15713e+06 2.1561e+06 2.15583e+06 2.15704e+06 2.15701e+06 2.15598e+06 2.15604e+06 2.15732e+06 2.15707e+06 2.15591e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^6 10^5 10^4 10^3

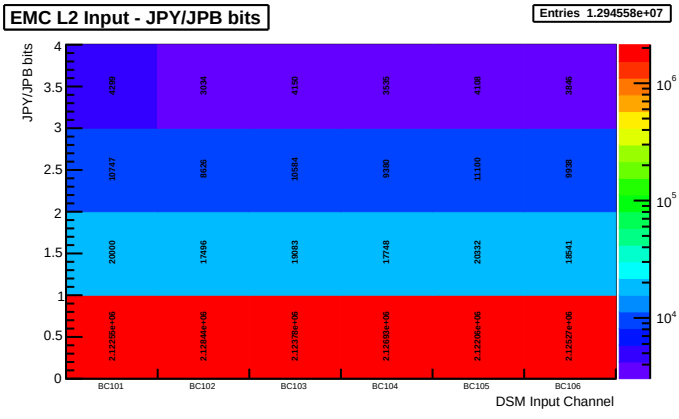

Endcap EMC L1 Input - HT-th1 Diff
Entries 40
HT-th1
EE101
EE102
1
0
-1
8
18 14
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10 1 10^{-1}

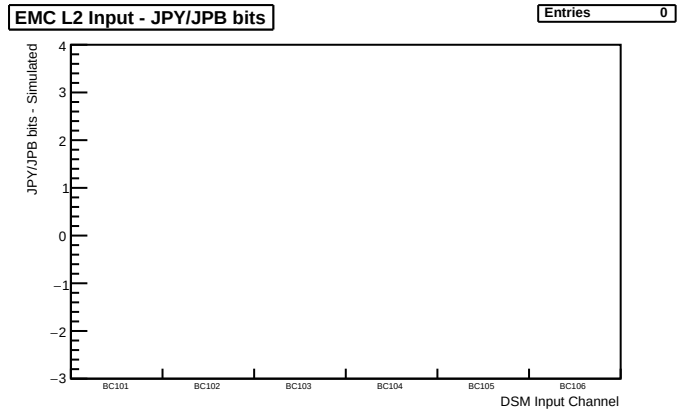

Endcap EMC L1 Input - HT.TP
Entries 2.589115e+07
HT.TP
1
0
36077 7677 7759 29400 38401 9603 9725 30183 36083 6278 7956 38482
2.12152e+06 2.14992e+06 2.14984e+06 2.1282e+06 2.1192e+06 2.14799e+06 2.14787e+06 2.12741e+06 2.12151e+06 2.15132e+06 2.14964e+06 2.11911e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^6 10^5 10^4

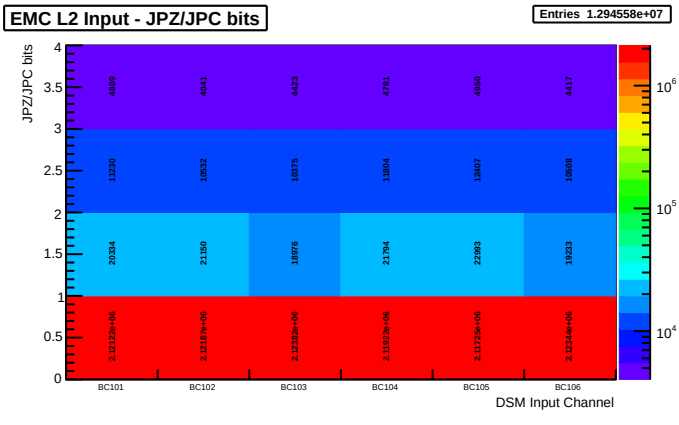

Endcap EMC L1 Input - HT.TP Diff
Entries 11427
HT.TP Diff
1
0
-1
3 11
459 5636 5318
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^3 10^2 10 1

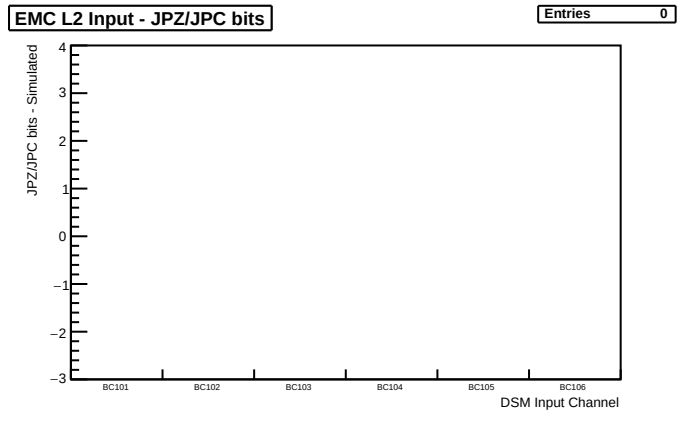

EMC L2 Input - JPX/JPA bits
Entries 1.294558e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

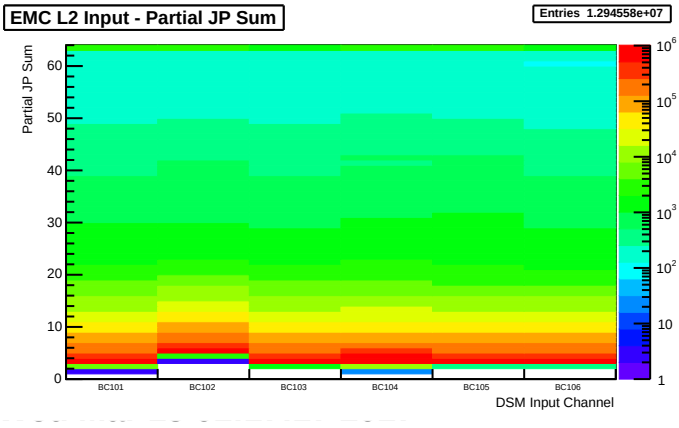

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

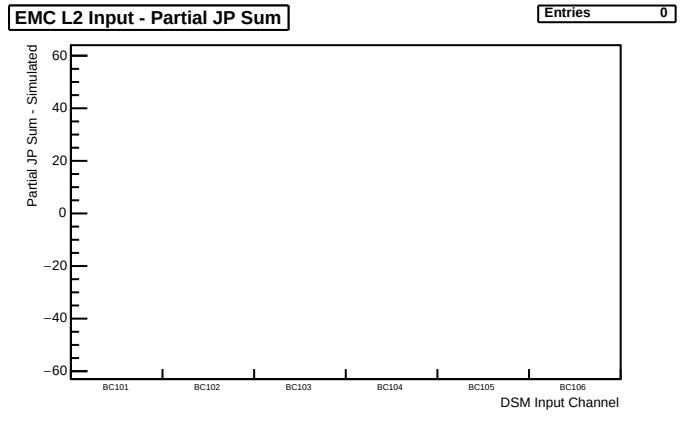

EMC L2 Input - JPY/JPB bits
Entries 1.294558e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

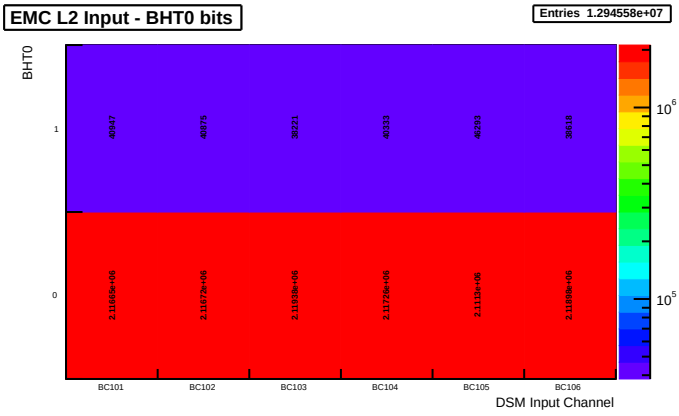

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

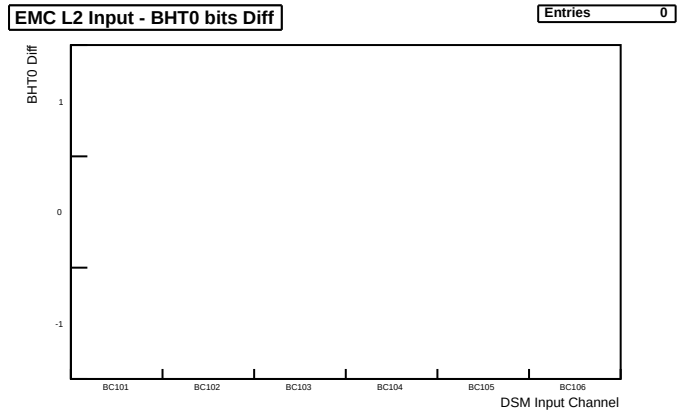

EMC L2 Input - JPZ/JPC bits
Entries 1.294558e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

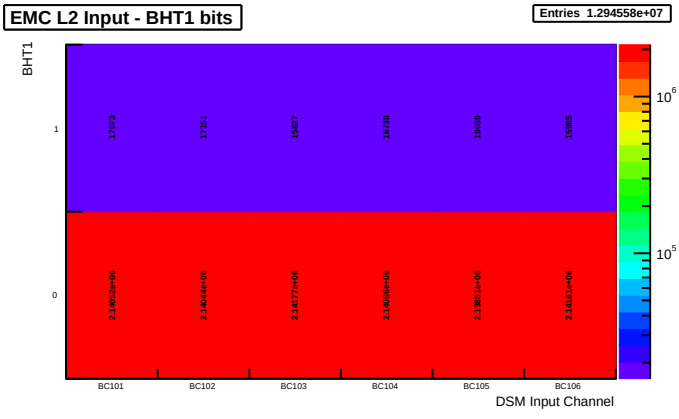

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

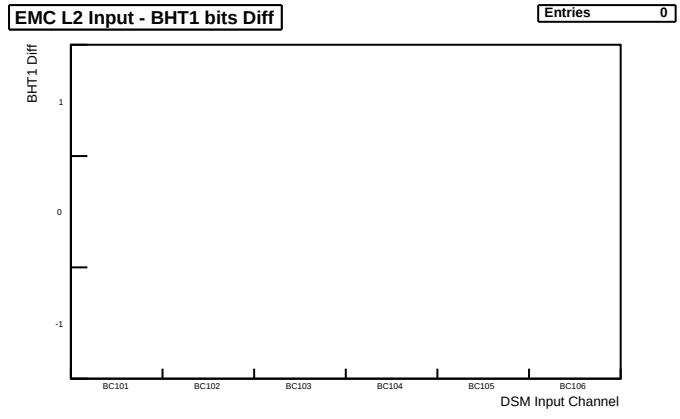

EMC L2 Input - Partial JP Sum
Entries 1.294558e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

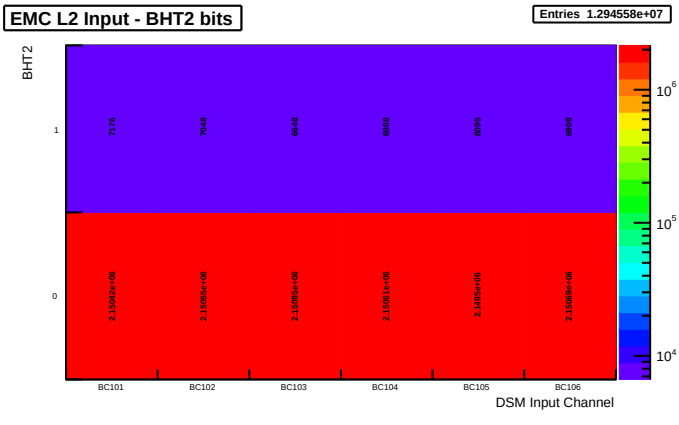

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

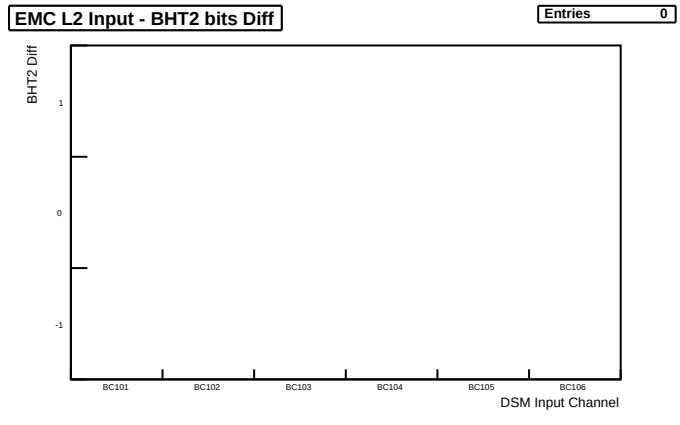

EMC L2 Input - BHT0 bits
Entries 1.294558e+07
BHT0
1
0
40947
49375
38221
49333
46253
38618
2.11665e+06
2.11672e+06
2.11938e+06
2.11726e+06
2.11124e+06
2.11838e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

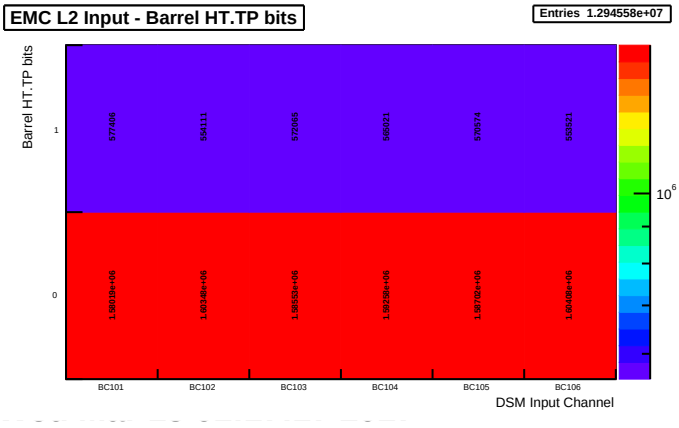

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

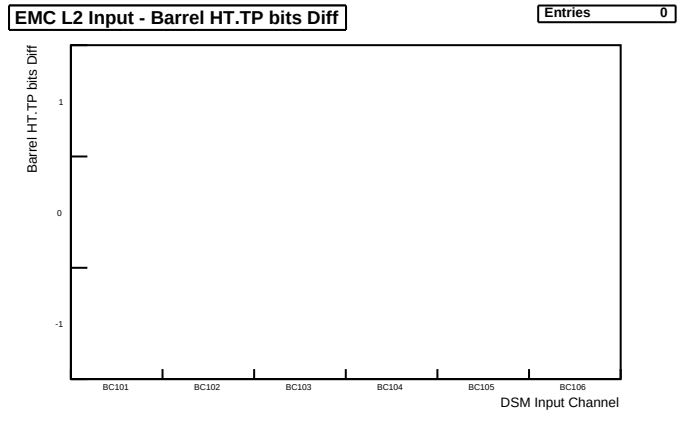

EMC L2 Input - BHT1 bits
Entries 1.294558e+07
BHT1
1
0
17073
17151
15827
15738
13089
15885
2.14052e+06
2.14044e+06
2.14177e+06
2.14086e+06
2.13951e+06
2.14161e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

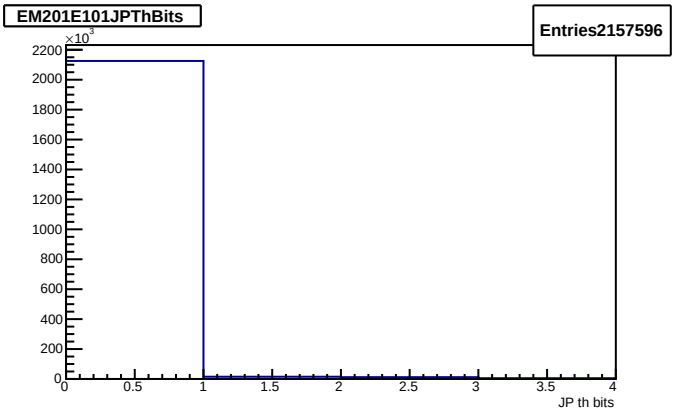

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

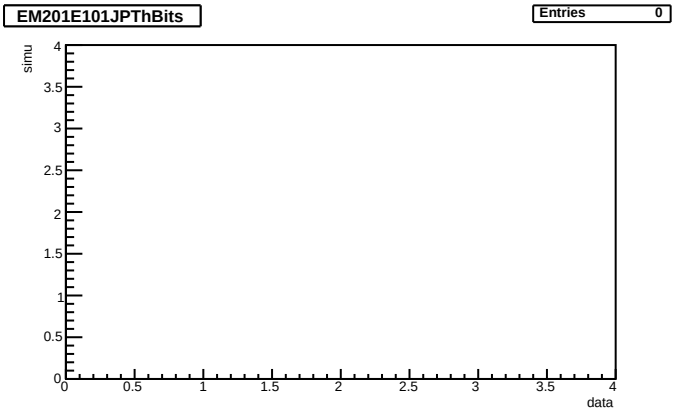

EMC L2 Input - BHT2 bits
Entries 1.294558e+07
BHT2
1
0
7176
7048
6648
6688
8095
6809
2.15042e+06
2.15055e+06
2.15095e+06
2.15061e+06
2.14995e+06
2.15068e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5
10^4

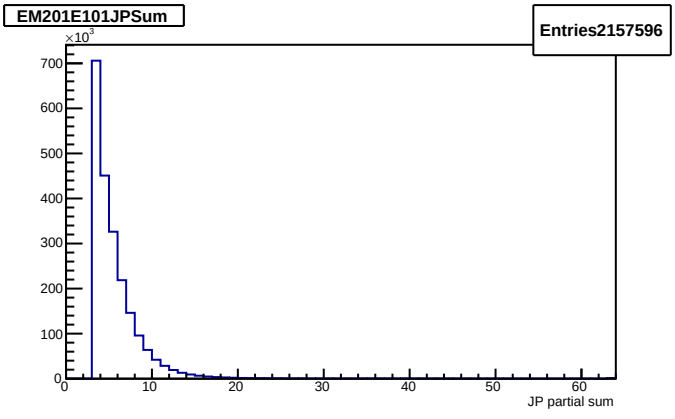

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

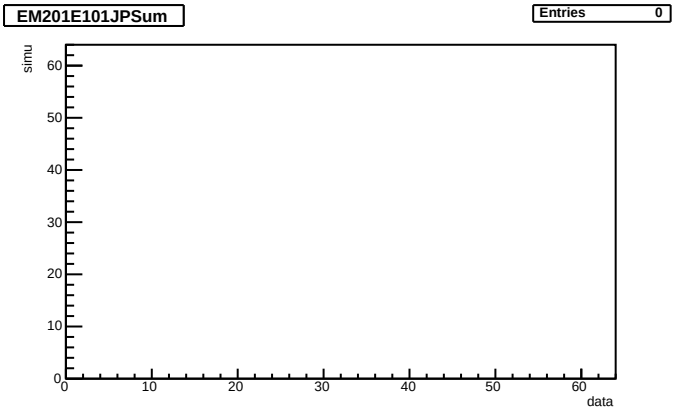

EMC L2 Input - Barrel HT.TP bits
Entries 1.294558e+07
Barrel HT.TP bits
1
0
577408
554111
572065
565021
570574
553521
1.60135e+06
1.60348e+06
1.59553e+06
1.59259e+06
1.59702e+06
1.60408e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6

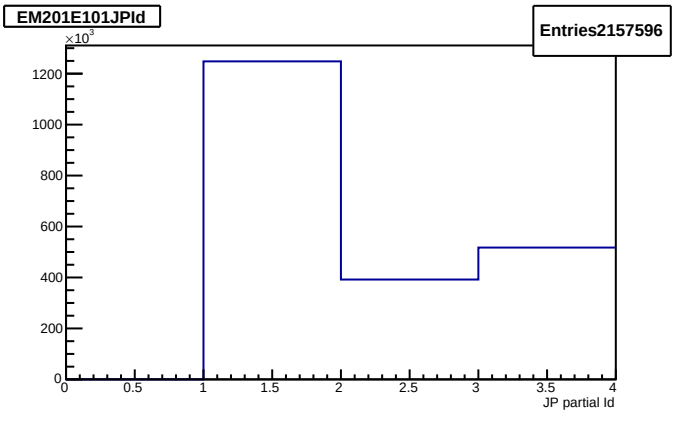

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

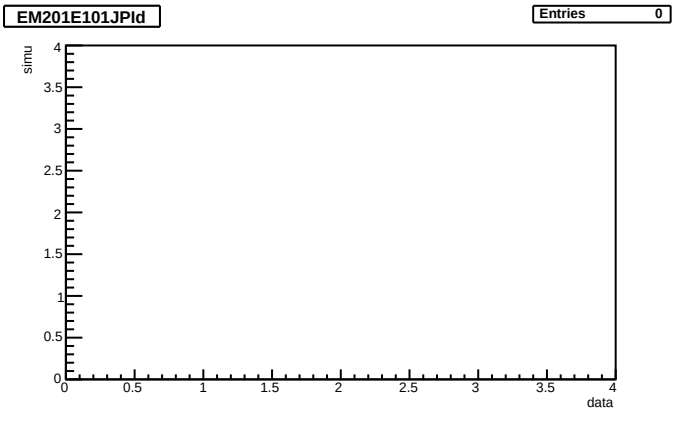

EM201E101JPThBits
Entries2157596
×10^3
JP th bits

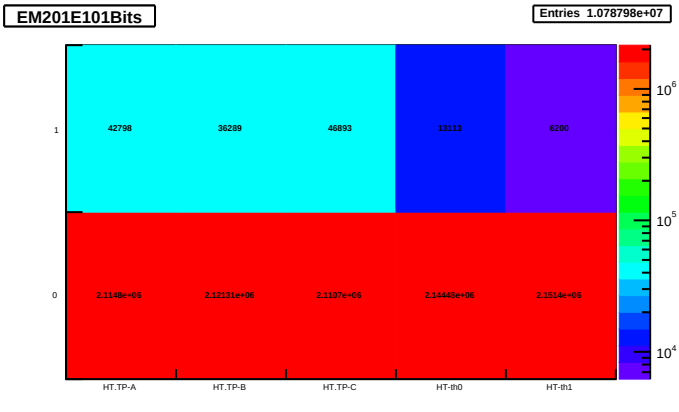

EM201E101JPThBits
Entries 0
simu
data

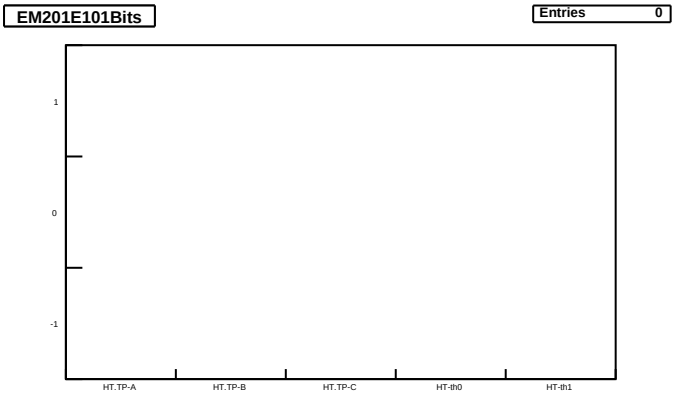

EM201E101JPSum
Entries2157596
×10^3
JP partial sum

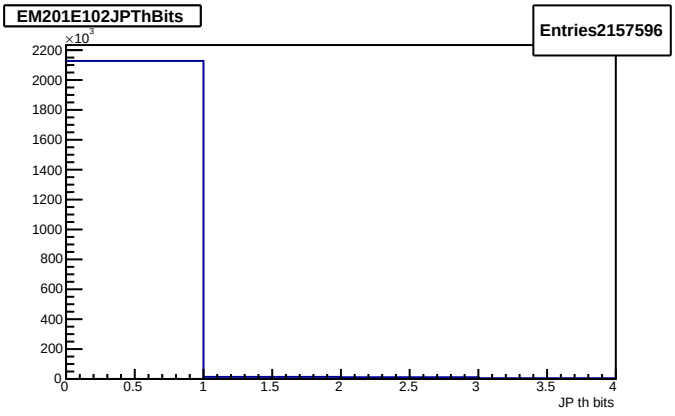

EM201E101JPSum
Entries 0
simu
data

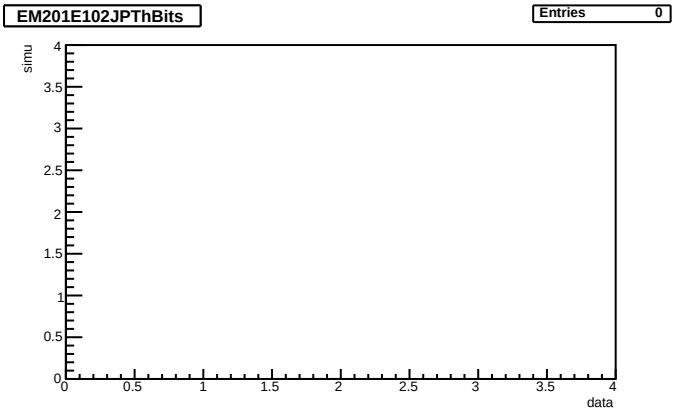

EM201E101JPId
Entries2157596
×10^3
JP partial Id

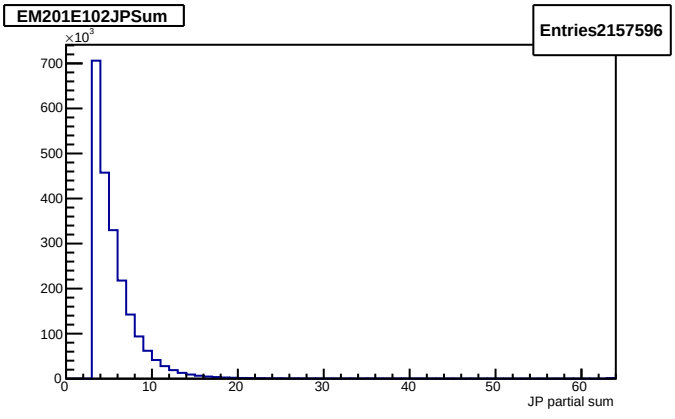

EM201E101JPId
Entries 0
simu
data

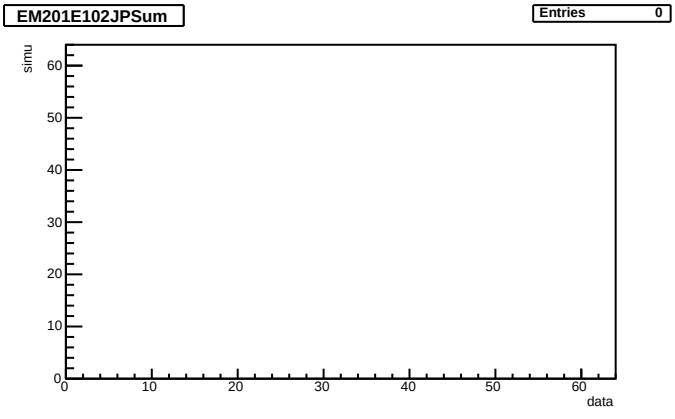

EM201E101Bits
Entries 1.078798e+07
42798
36289
46893
13113
6200
2.1148e+06
2.12131e+06
2.1107e+06
2.14448e+06
2.1514e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

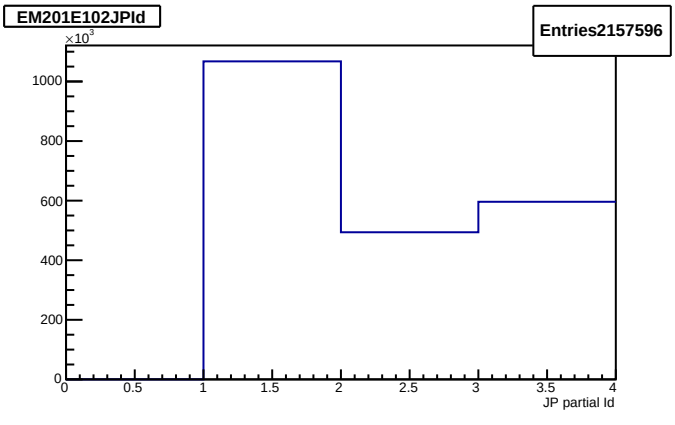

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

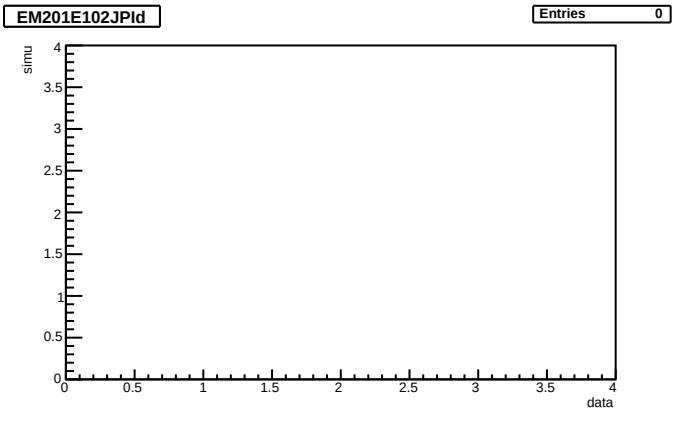

EM201E102JPThBits
Entries2157596
JP th bits

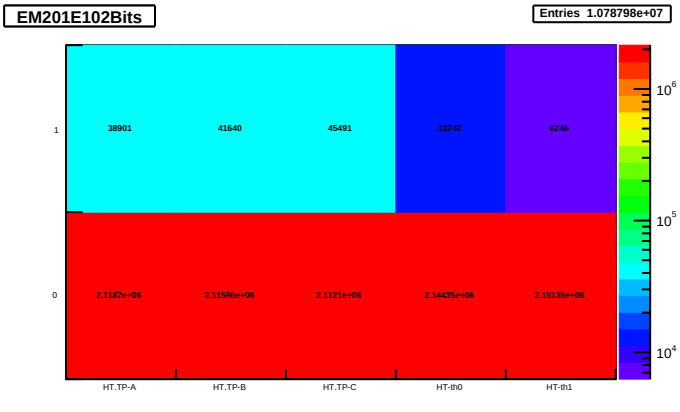

EM201E102JPThBits
Entries 0
simu
data

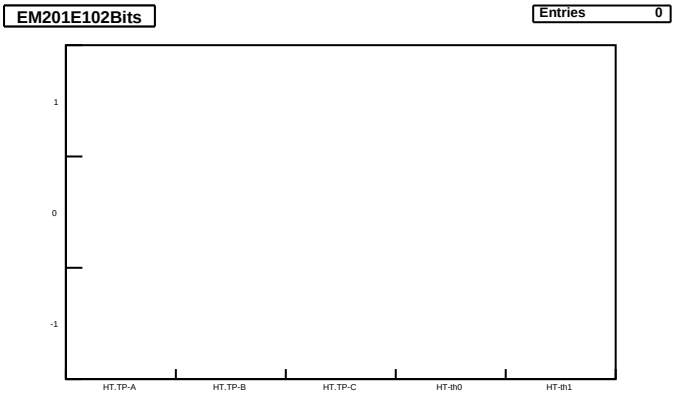

EM201E102JPSum
Entries2157596
JP partial sum

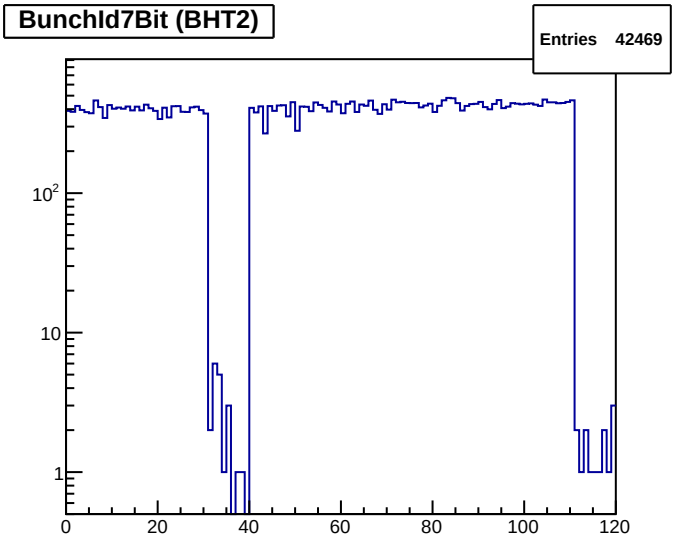

EM201E102JPSum
Entries 0
simu
data

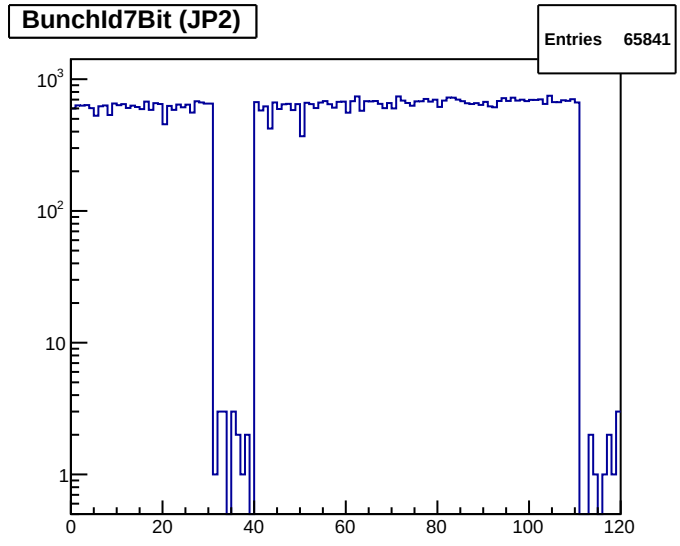

EM201E102JPId
Entries2157596
JP partial Id

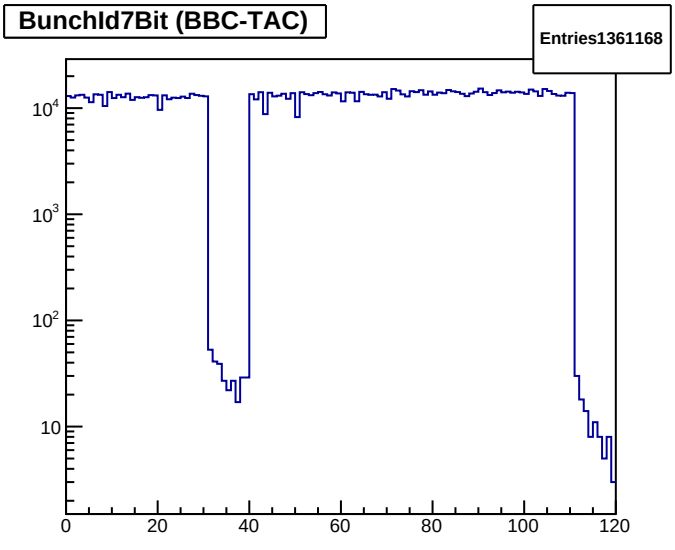

EM201E102JPId
Entries 0
simu
data

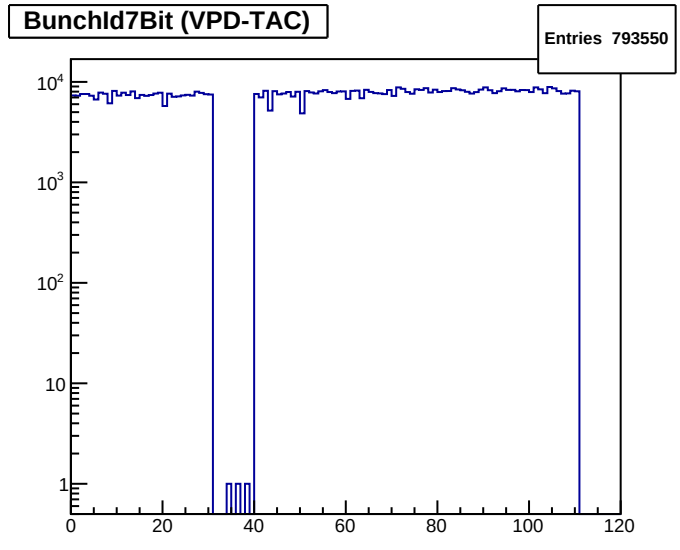

EM201E102Bits
Entries 1.078798e+07
38901
41640
45491
13242
6246
2.1187e+06
2.11596e+06
2.1121e+06
2.14435e+06
2.15135e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

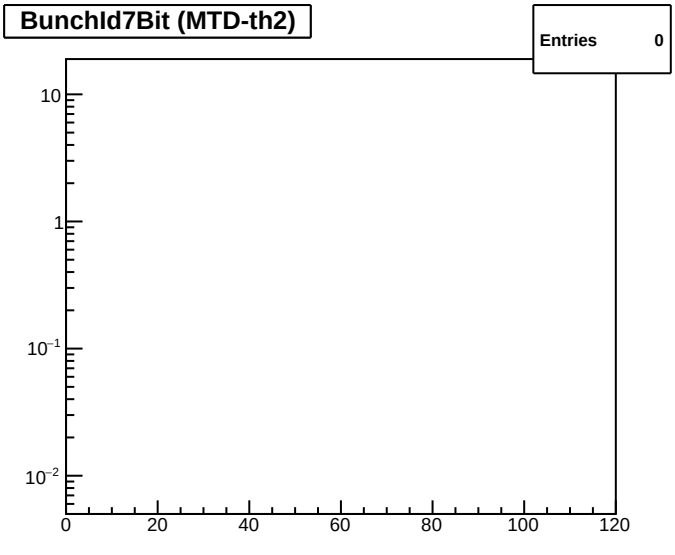

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

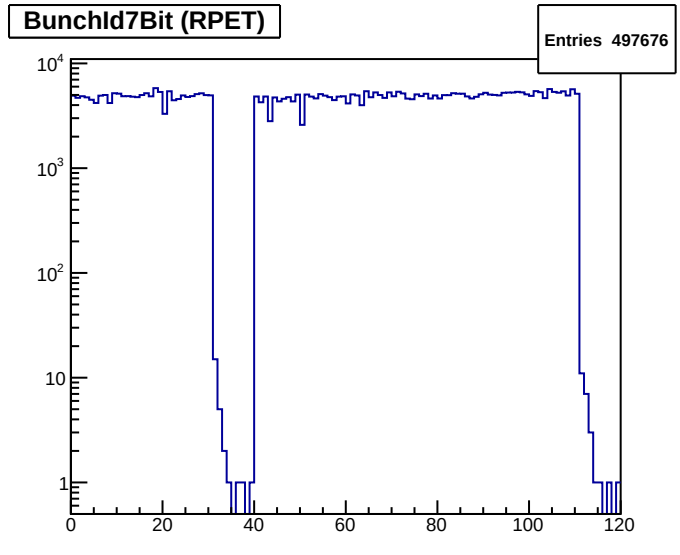

BunchId7Bit (BHT2)
Entries 42469

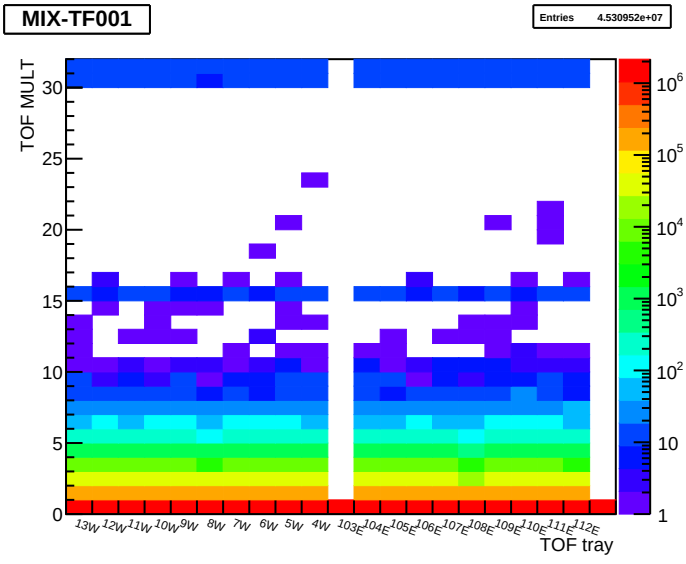

BunchId7Bit (JP2)
Entries 65841

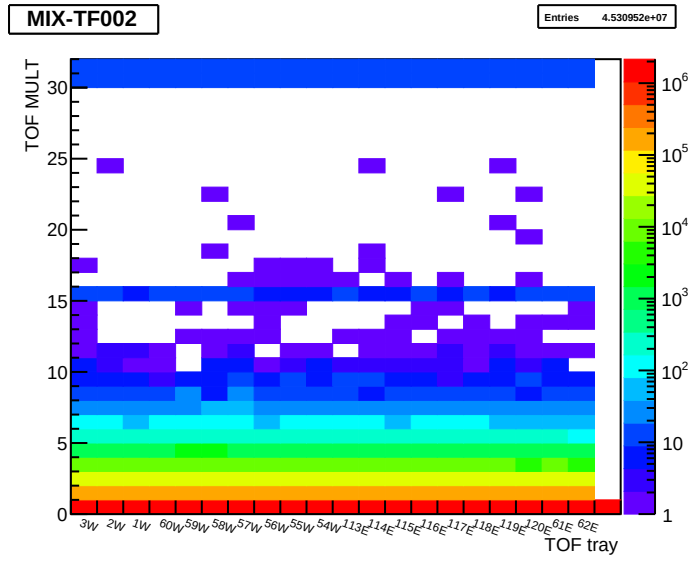

BunchId7Bit (BBC-TAC)
Entries1361168

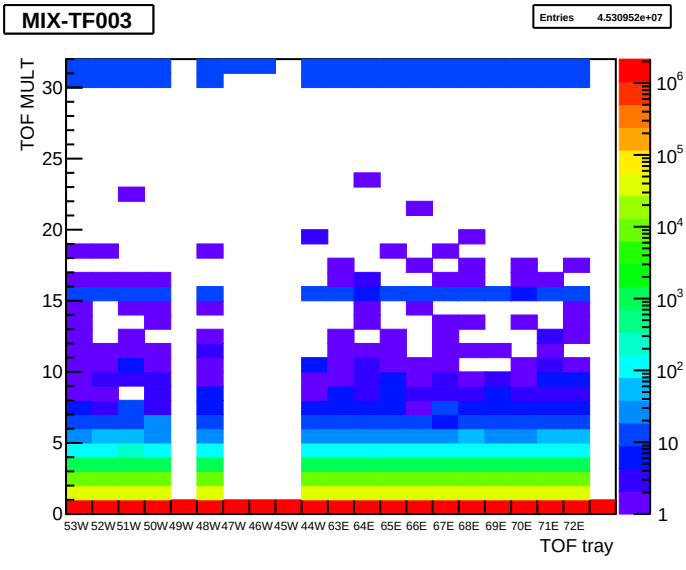

BunchId7Bit (VPD-TAC)
Entries 793550

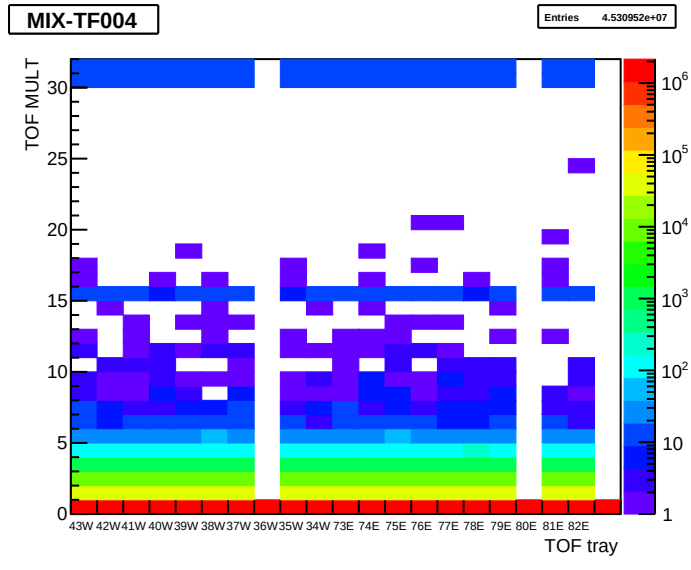

BunchId7Bit (MTD-th2)
Entries 0

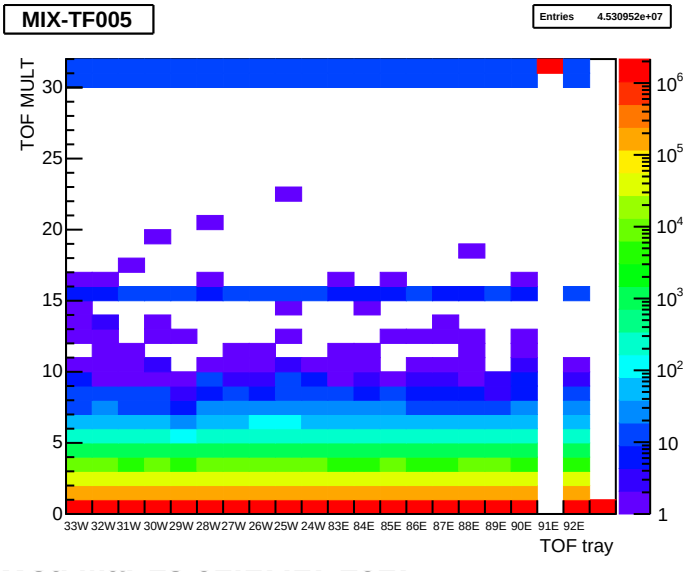

BunchId7Bit (RPET)
Entries 497676

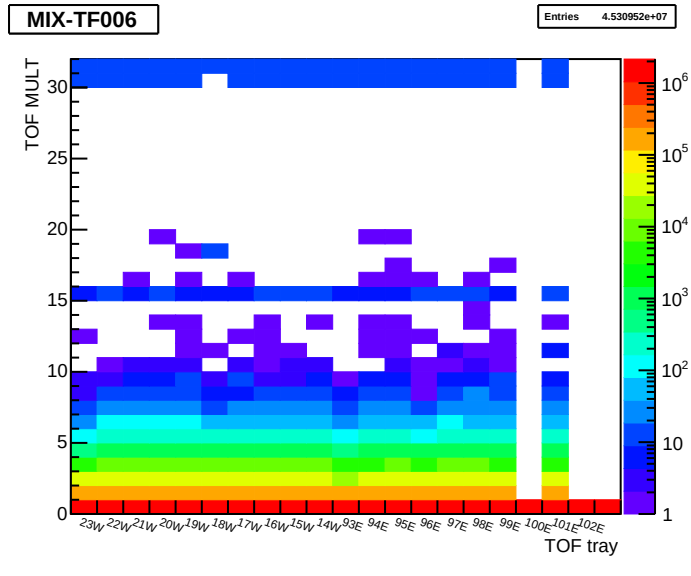

MIX-TF001
Entries 4.530952e+07
TOF MULT
TOF tray

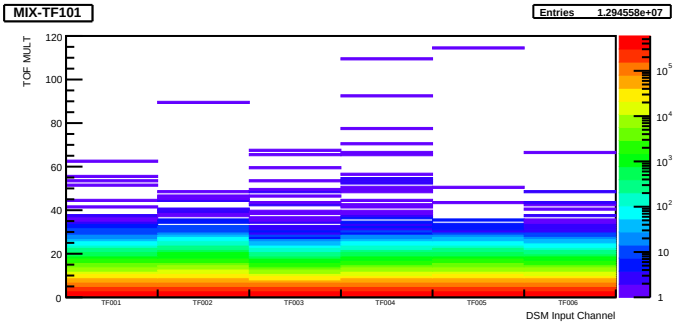

MIX-TF002
Entries 4.530952e+07
TOF MULT
TOF tray

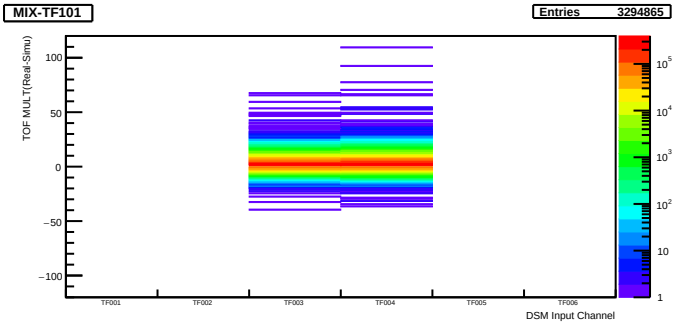

MIX-TF003
Entries 4.530952e+07
TOF MULT
TOF tray

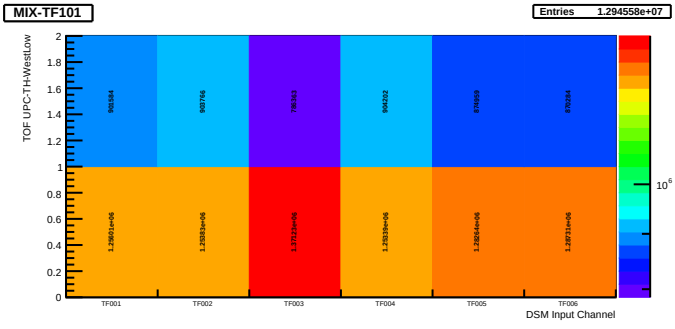

MIX-TF004
Entries 4.530952e+07
TOF MULT
TOF tray

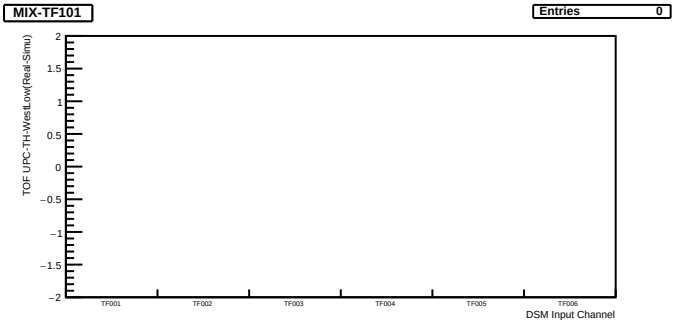

MIX-TF005
Entries 4.530952e+07
TOF MULT
TOF tray

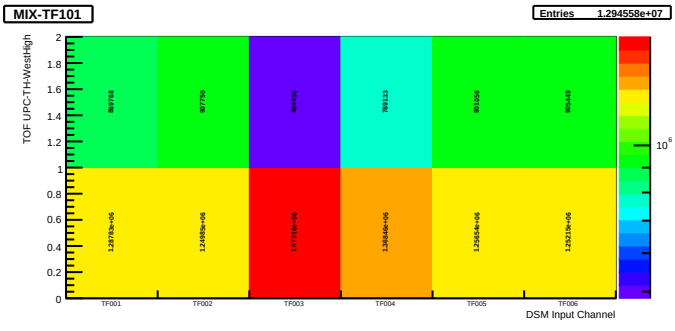

MIX-TF006
Entries 4.530952e+07
TOF MULT
TOF tray

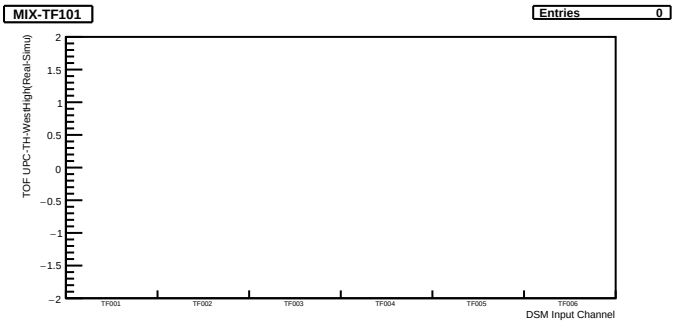

MIX-TF101
Entries 1.294558e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

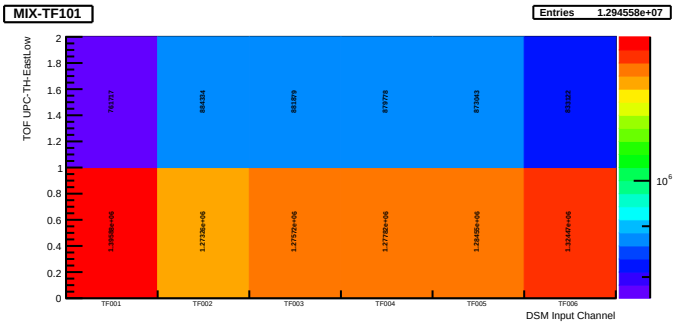

MIX-TF101
Entries 3294865
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

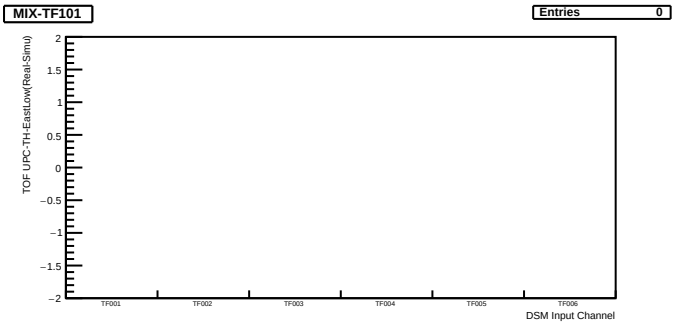

MIX-TF101
Entries 1.294558e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

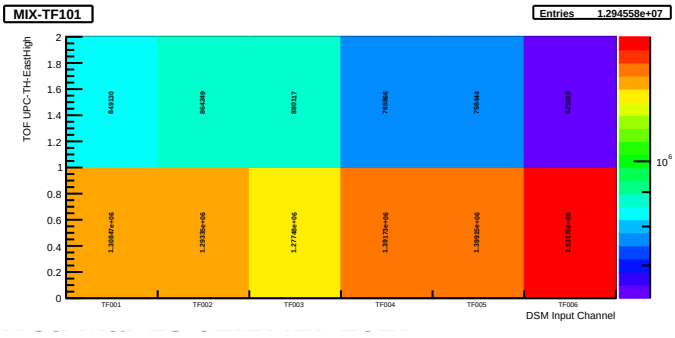

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

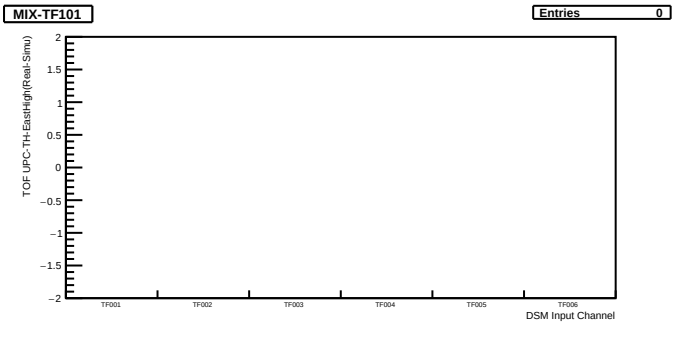

MIX-TF101
Entries 1.294558e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

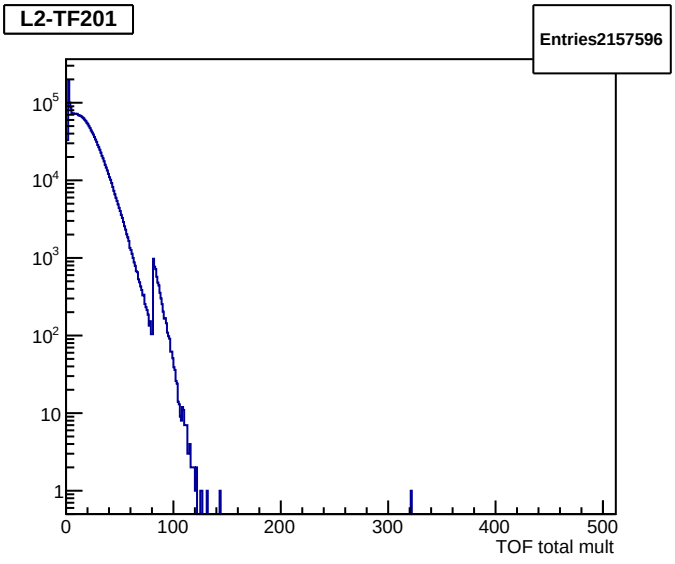

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

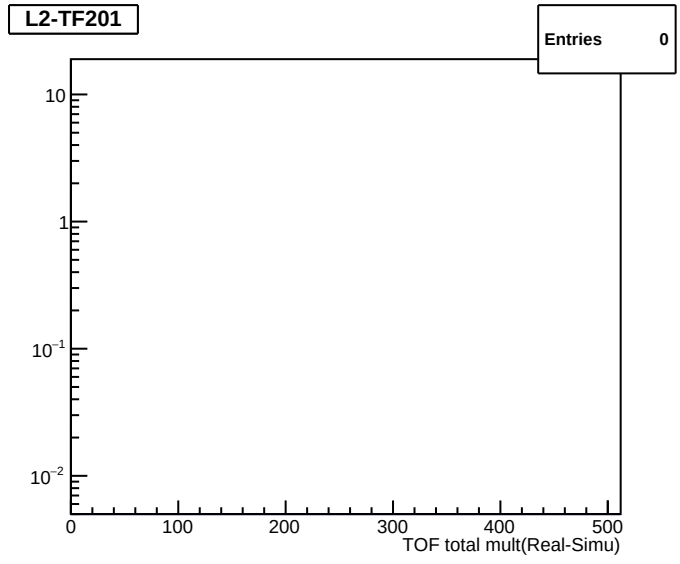

MIX-TF101
Entries 1.294558e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

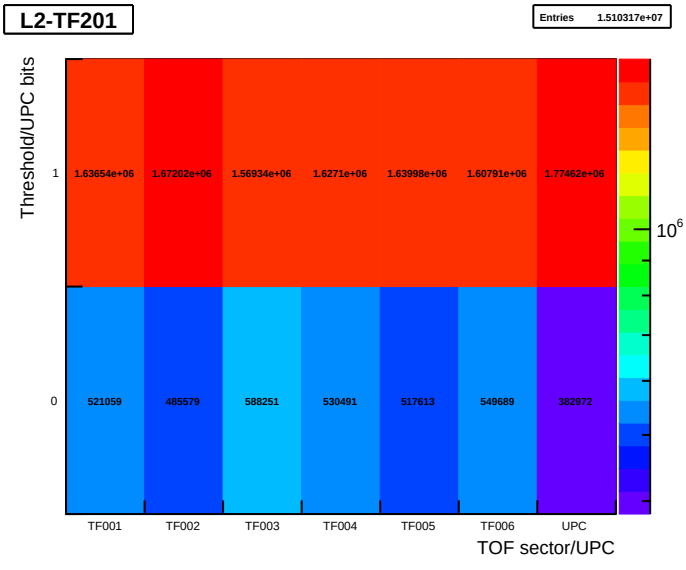

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

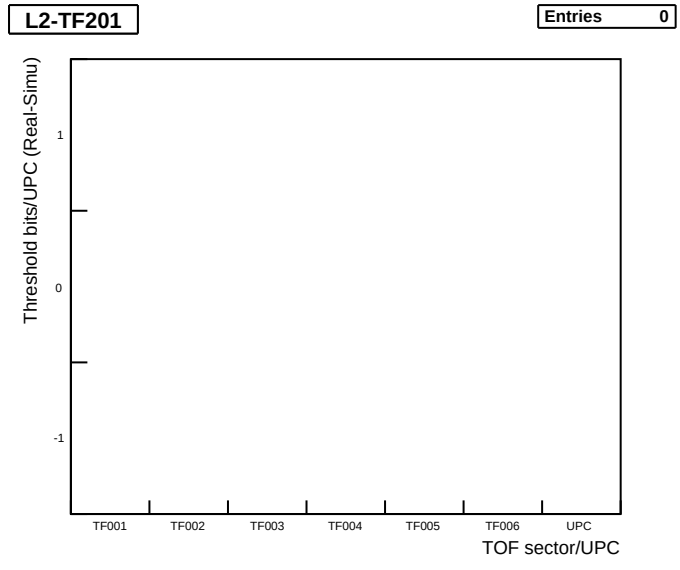

MIX-TF101
Entries 1.294558e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

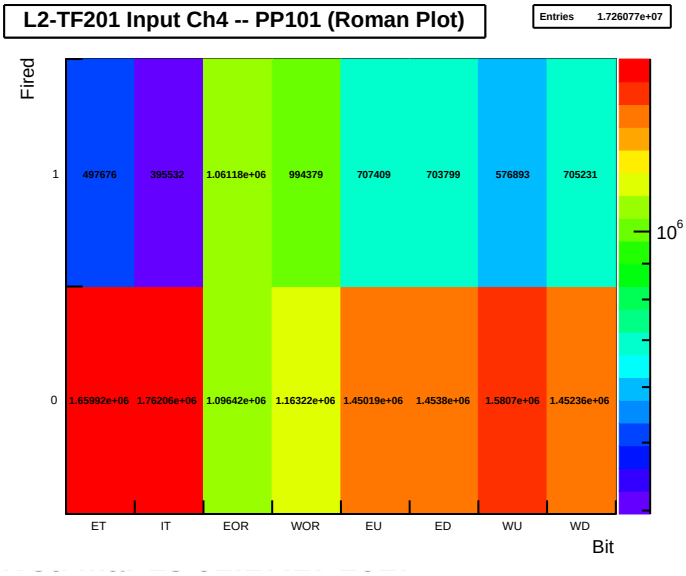

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

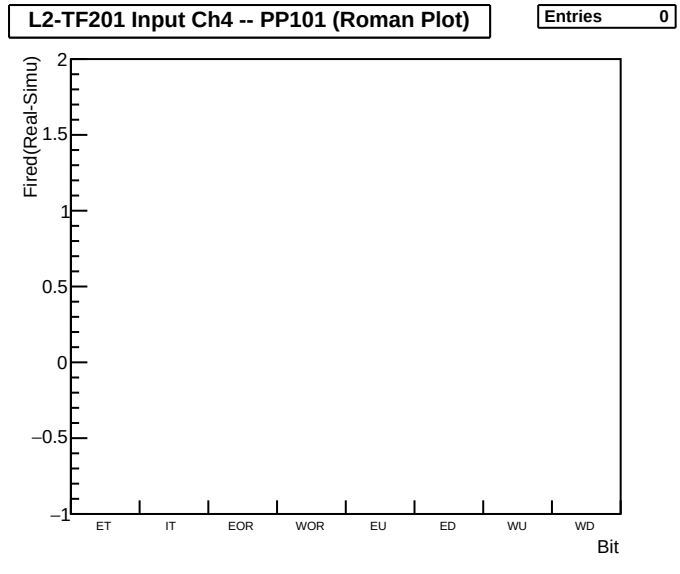

L2-TF201
Entries2157596
TOF total mult

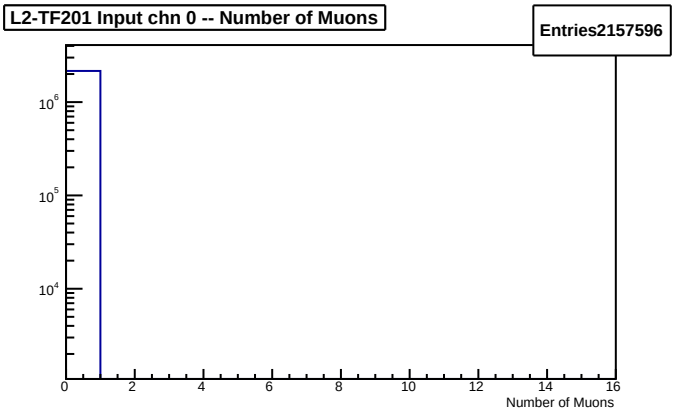

L2-TF201
Entries 0
TOF total mult(Real-Simu)

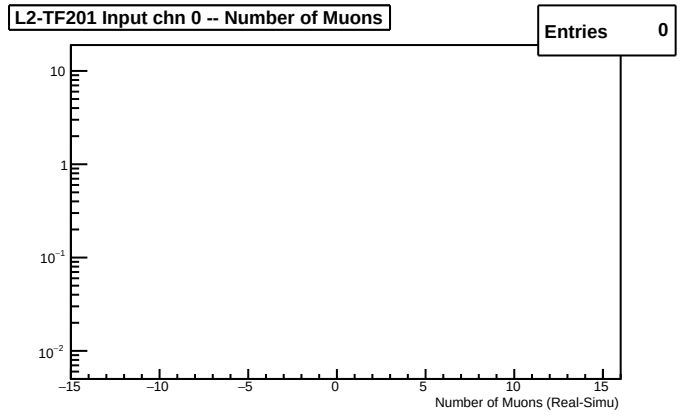

L2-TF201
Entries 1.510317e+07
Threshold/UPC bits
1.63654e+06
1.67202e+06
1.56934e+06
1.6271e+06
1.63998e+06
1.60791e+06
1.77462e+06
521059
485579
588251
530491
517613
549689
382972
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

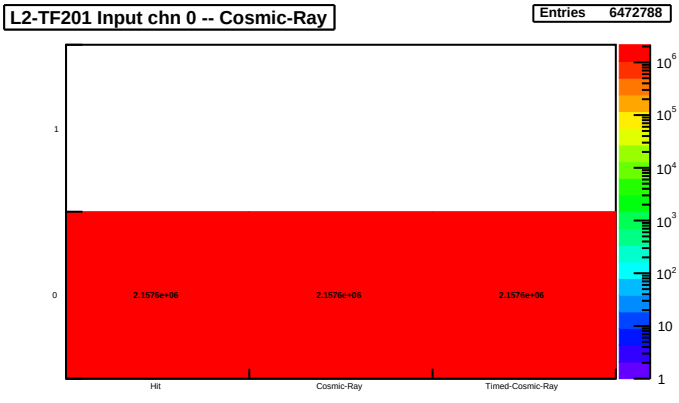

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

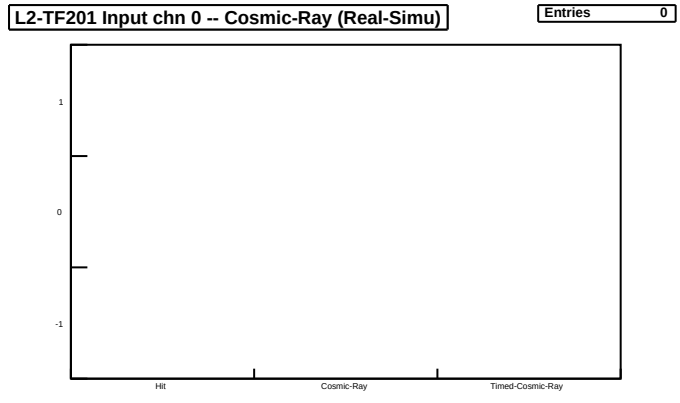

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 1.726077e+07
Fired
497676
395532
1.06118e+06
994379
707409
703799
576893
705231
1.65992e+06
1.76206e+06
1.09642e+06
1.16322e+06
1.45019e+06
1.4538e+06
1.5807e+06
1.45236e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

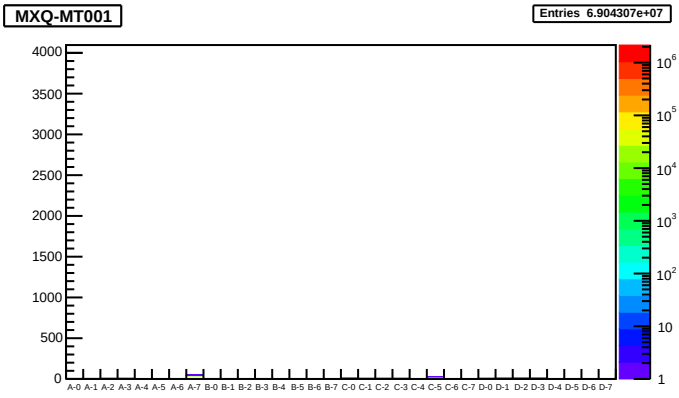

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

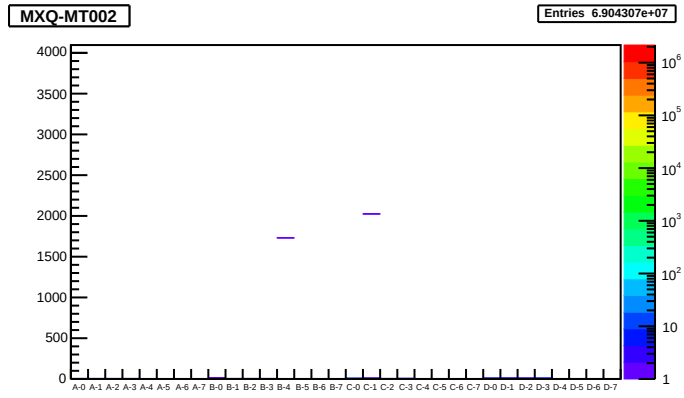

L2-TF201 Input chn 0 -- Number of Muons
Entries2157596
Number of Muons


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


L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 6472788
2.1576e+06
2.1576e+06
2.1576e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray


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


MXQ-MT001
Entries 6.904307e+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
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT002
Entries 6.904307e+07
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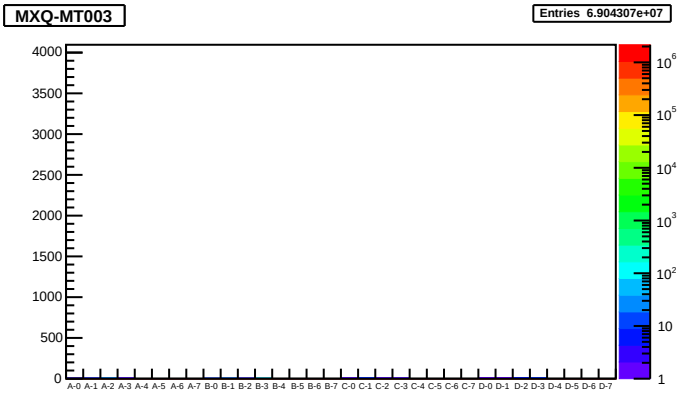
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT003
Entries 6.904307e+07
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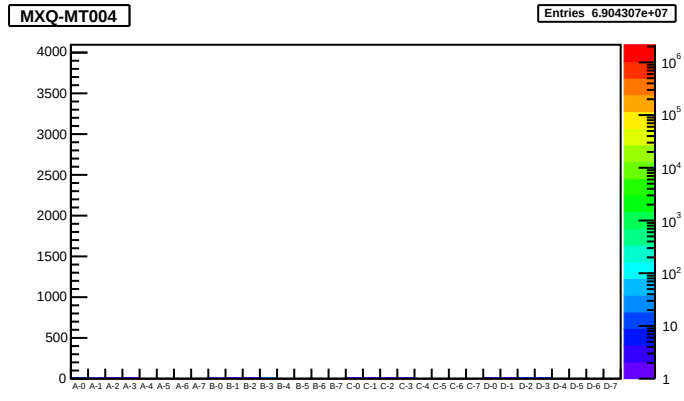
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT004
Entries 6.904307e+07
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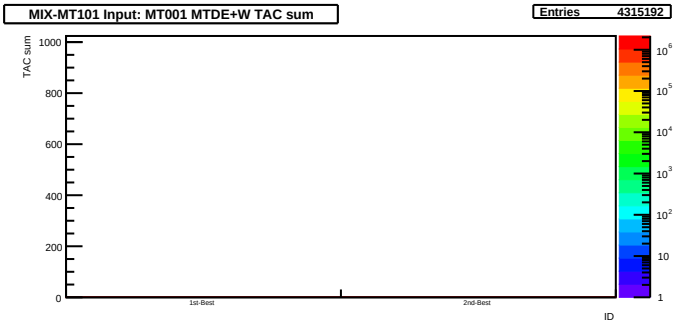
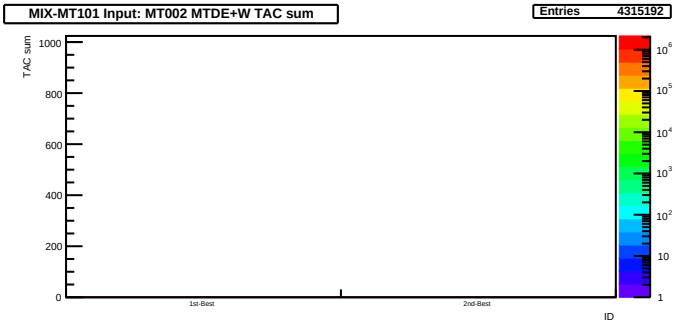
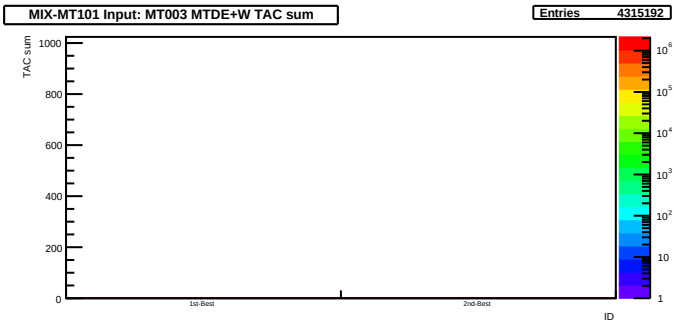
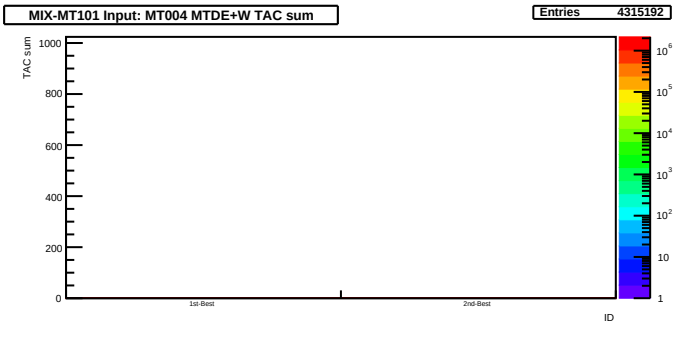
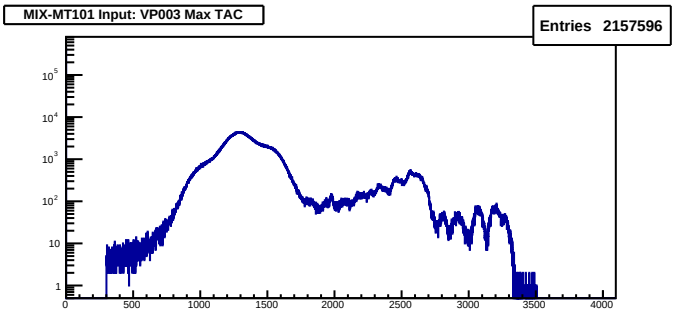
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

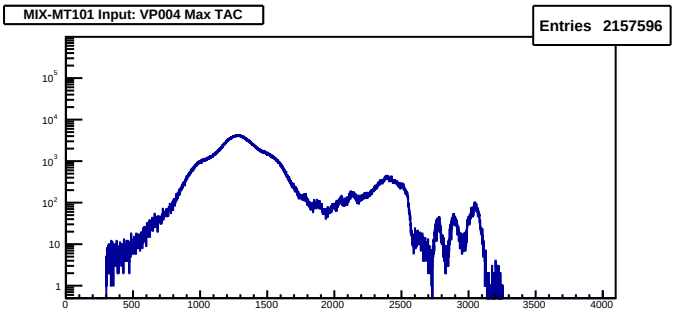

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 4315192
TAC sum
1st-Best
2nd-Best
ID

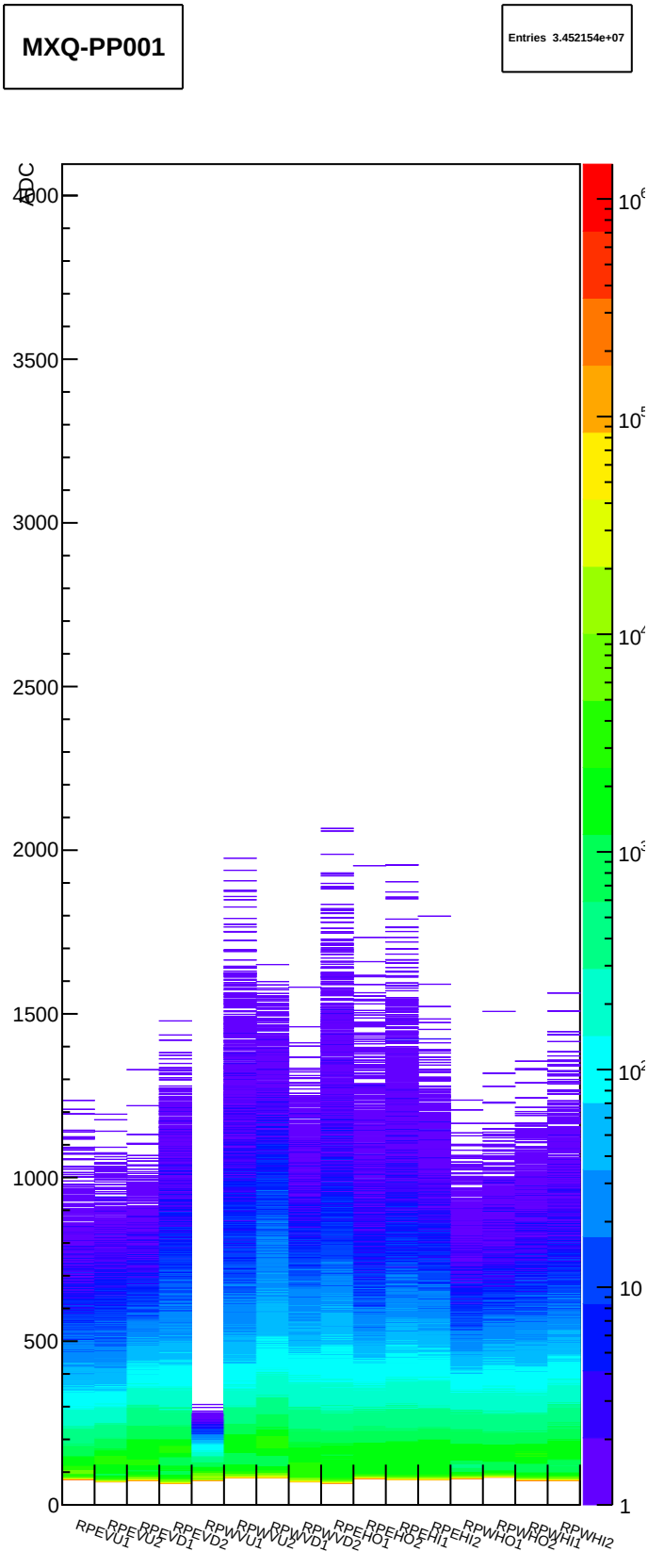

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 4315192
TAC sum
1st-Best
2nd-Best
ID

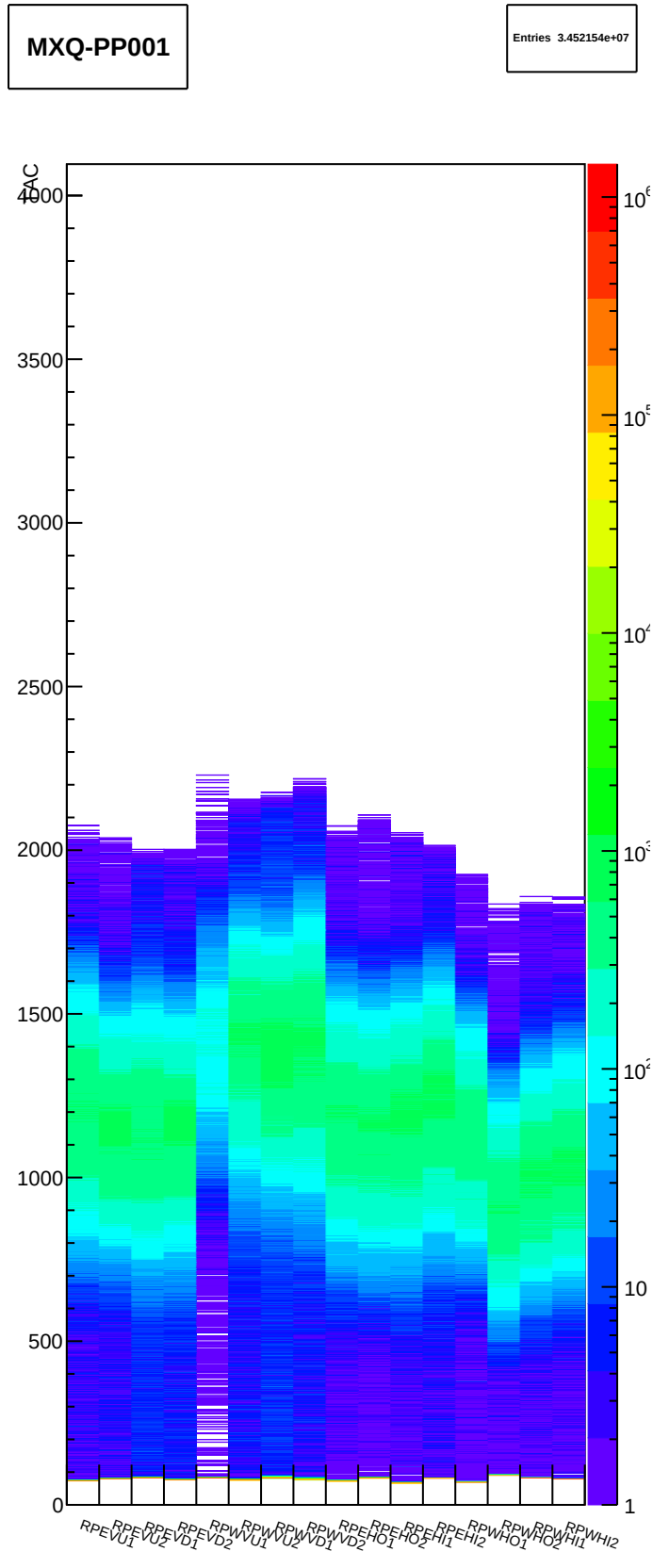

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 4315192
TAC sum
1st-Best
2nd-Best
ID

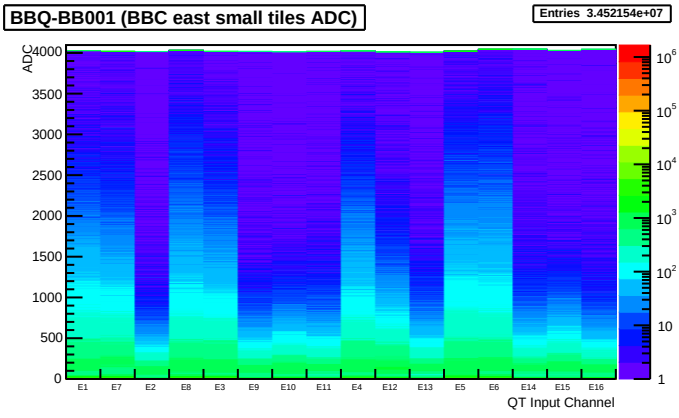

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 4315192
TAC sum
1st-Best
2nd-Best
ID

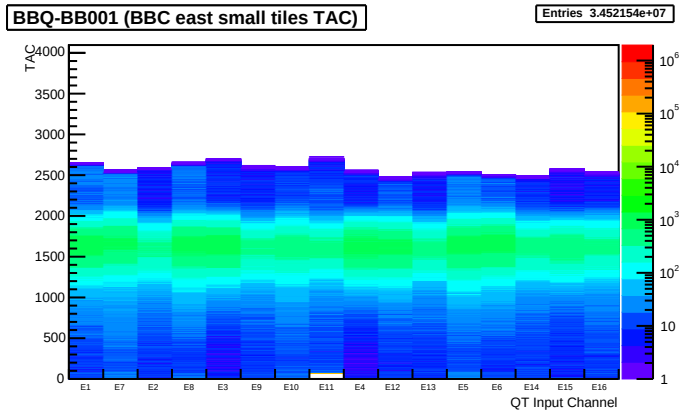

MIX-MT101 Input: VP003 Max TAC
Entries 2157596

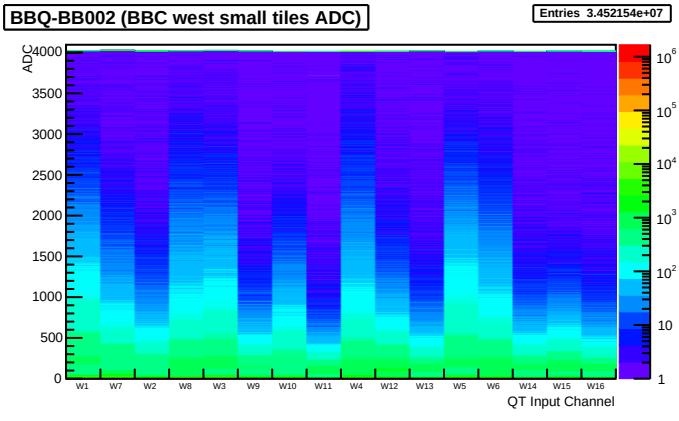

MIX-MT101 Input: VP004 Max TAC
Entries 2157596

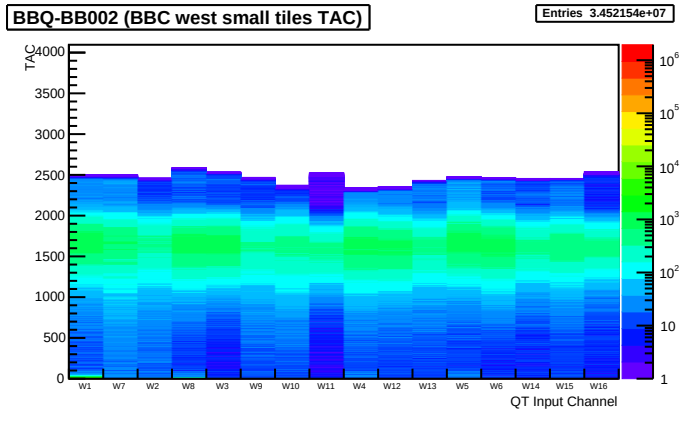

MXQ-PP001
Entries 3.452154e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

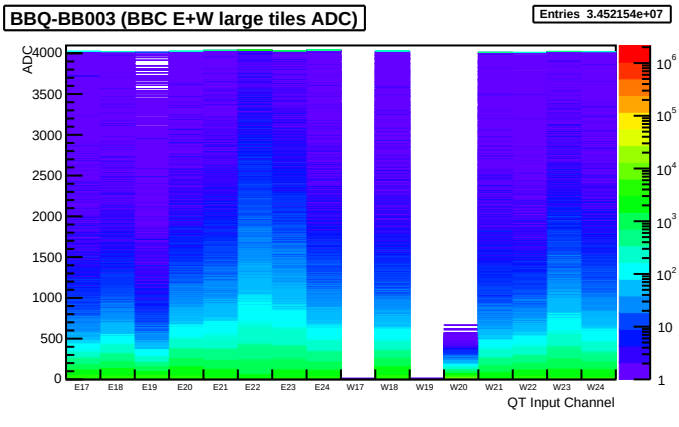

MXQ-PP001
Entries 3.452154e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

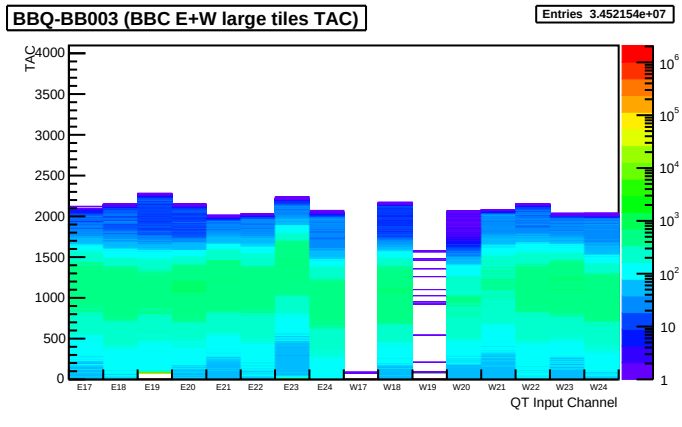

BBQ-BB001 (BBC east small tiles ADC)
Entries 3.452154e+07
ADC
QT Input Channel

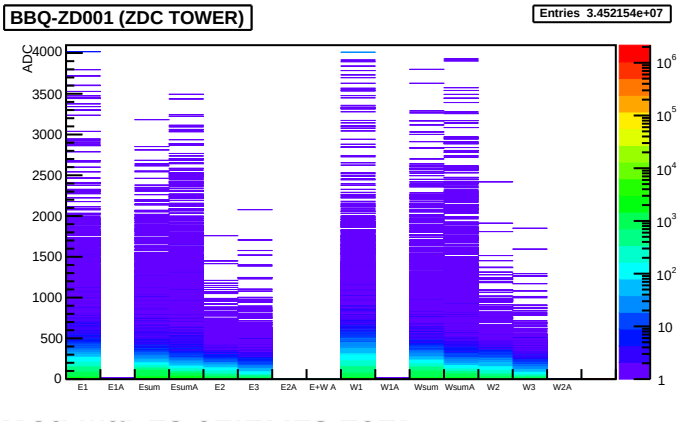

BBQ-BB001 (BBC east small tiles TAC)
Entries 3.452154e+07
TAC
QT Input Channel

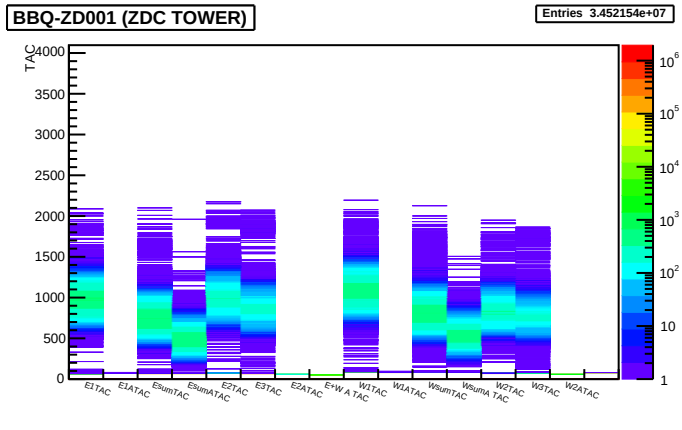

BBQ-BB002 (BBC west small tiles ADC)
Entries 3.452154e+07
ADC
QT Input Channel

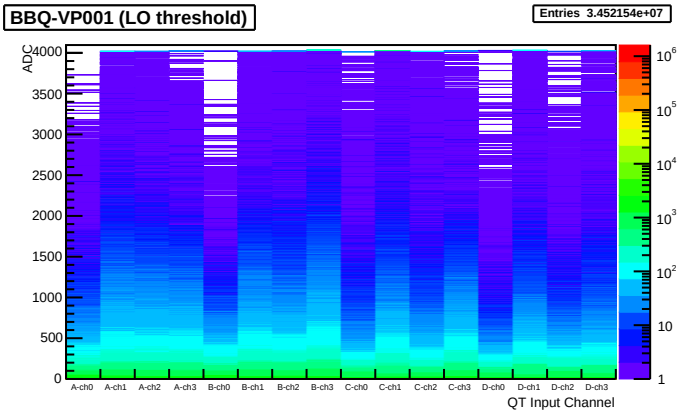

BBQ-BB002 (BBC west small tiles TAC)
Entries 3.452154e+07
TAC
QT Input Channel

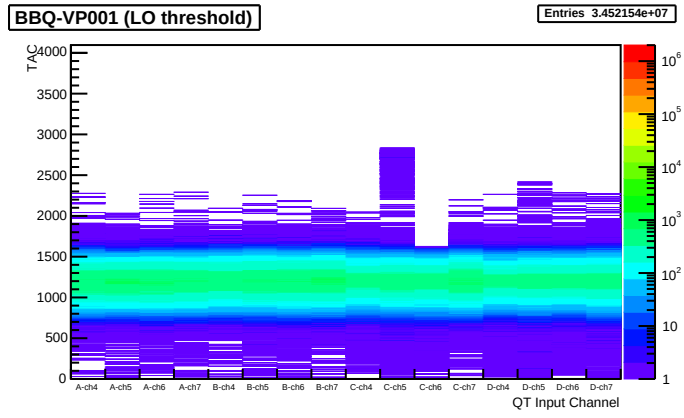

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 3.452154e+07
ADC
QT Input Channel

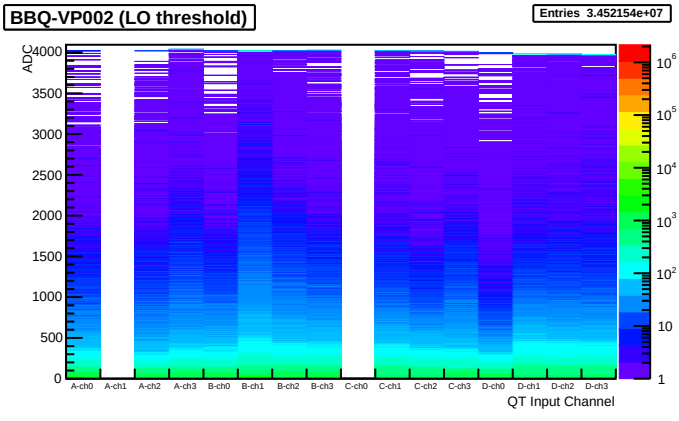

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 3.452154e+07
TAC
QT Input Channel

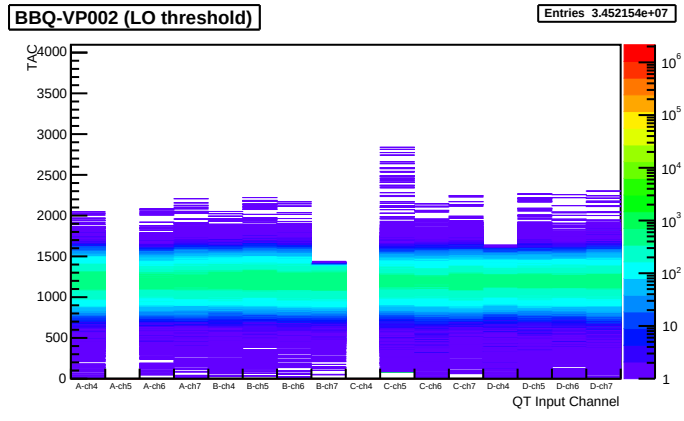

BBQ-ZD001 (ZDC TOWER)
Entries 3.452154e+07
ADC

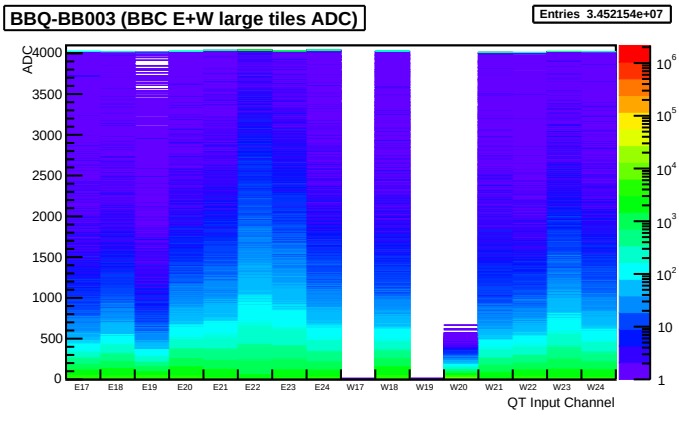

BBQ-ZD001 (ZDC TOWER)
Entries 3.452154e+07
TAC

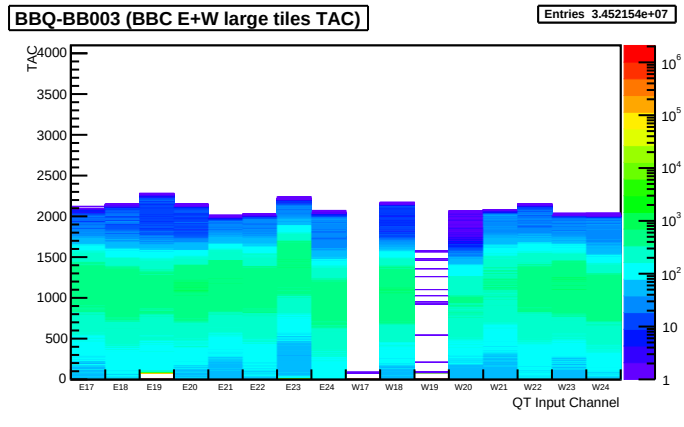

BBQ-VP001 (LO threshold)
Entries 3.452154e+07
ADC
QT Input Channel

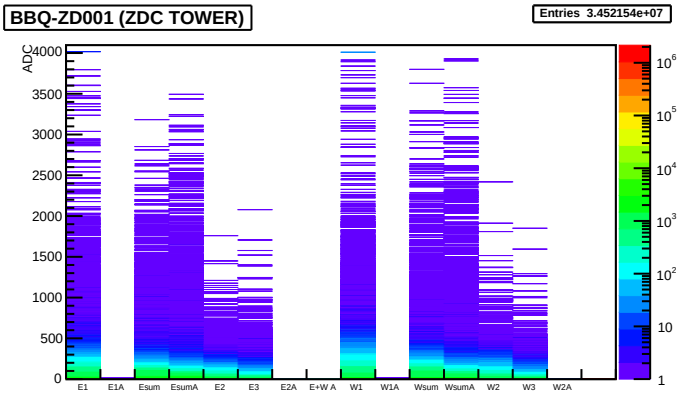

BBQ-VP001 (LO threshold)
Entries 3.452154e+07
TAC
QT Input Channel

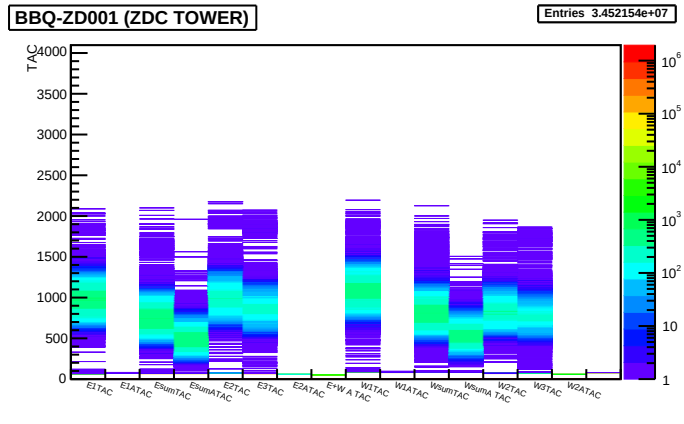

BBQ-VP002 (LO threshold)
Entries 3.452154e+07
ADC
QT Input Channel

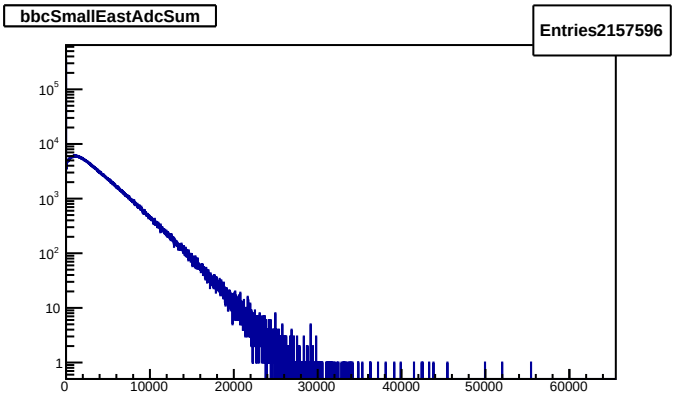

BBQ-VP002 (LO threshold)
Entries 3.452154e+07
TAC
QT Input Channel

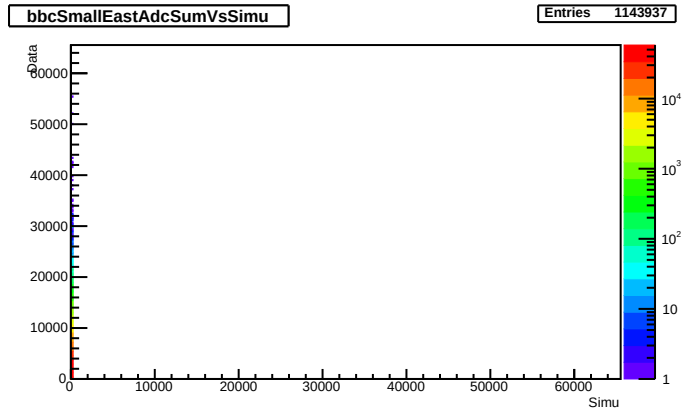

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 3.452154e+07
ADC
QT Input Channel

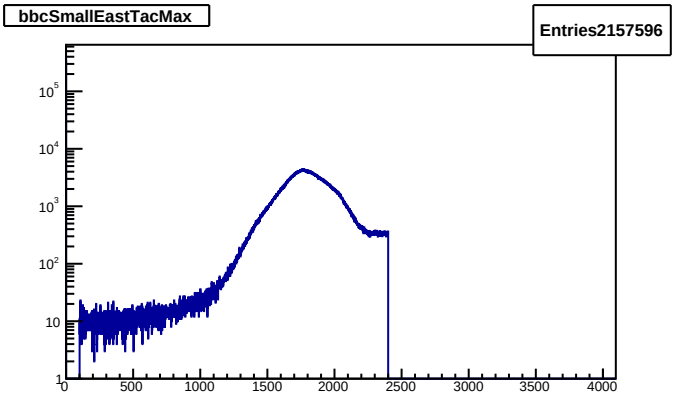

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 3.452154e+07
TAC
QT Input Channel

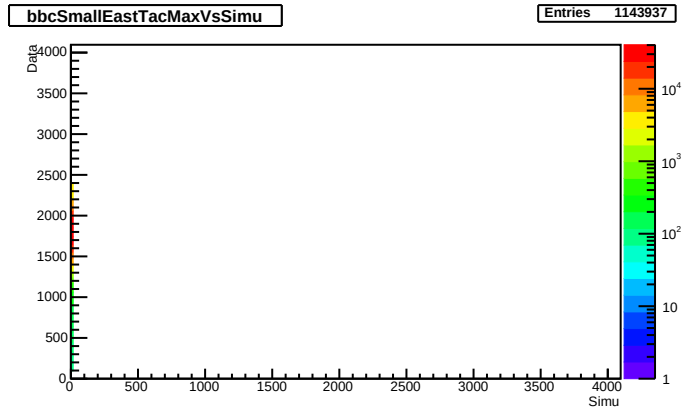

BBQ-ZD001 (ZDC TOWER)
Entries 3.452154e+07
ADC

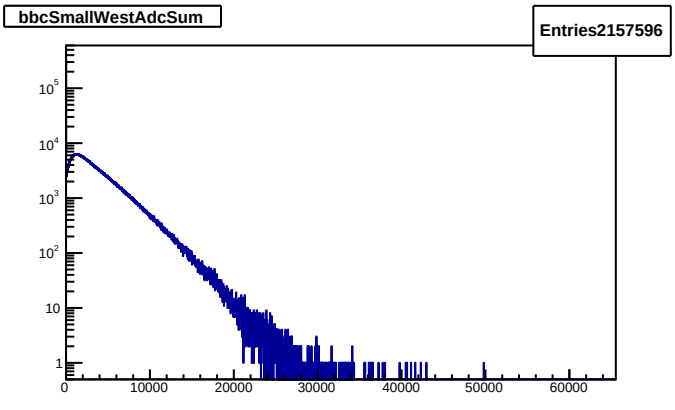

BBQ-ZD001 (ZDC TOWER)
Entries 3.452154e+07
TAC

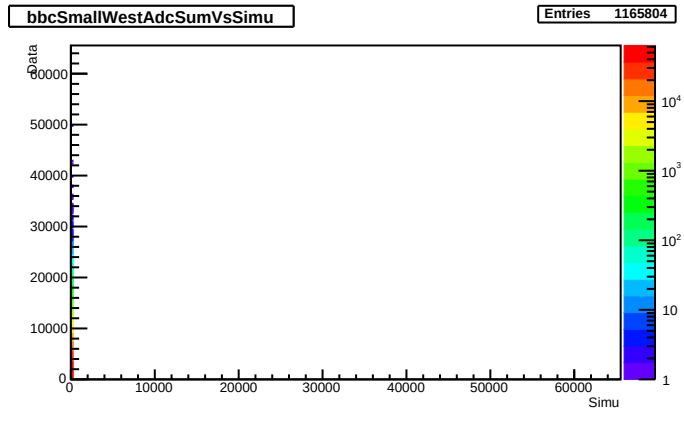

bbcSmallEastAdcSum
Entries2157596

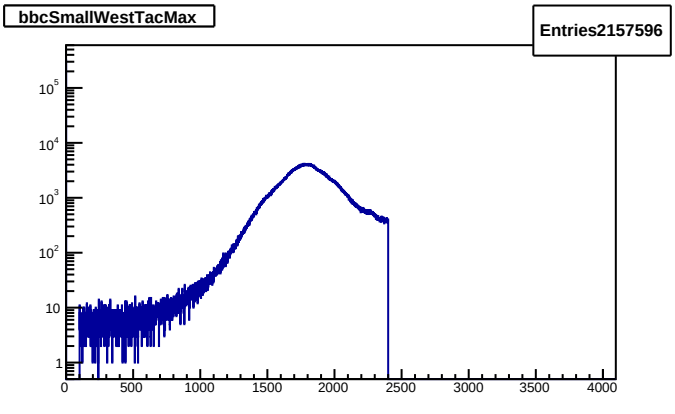

bbcSmallEastAdcSumVsSimu
Entries 1143937
Data
Simu

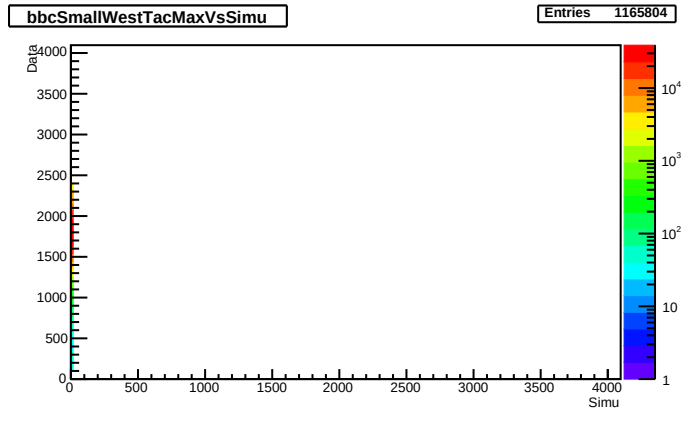

bbcSmallEastTacMax
Entries2157596

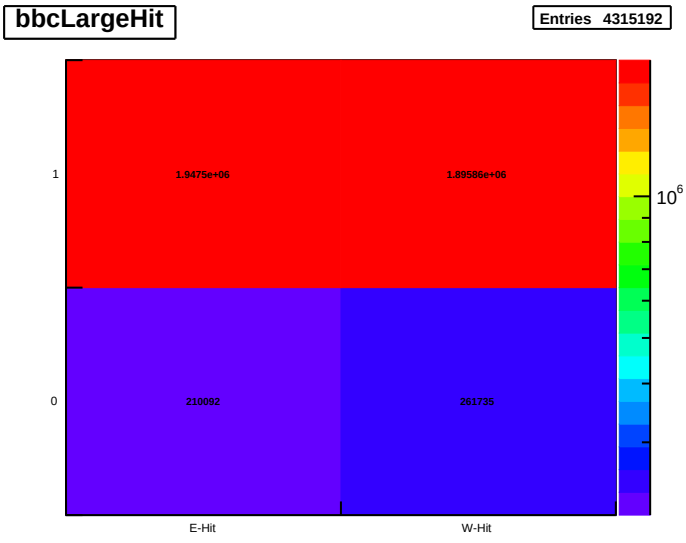

bbcSmallEastTacMaxVsSimu
Entries 1143937
Data
Simu

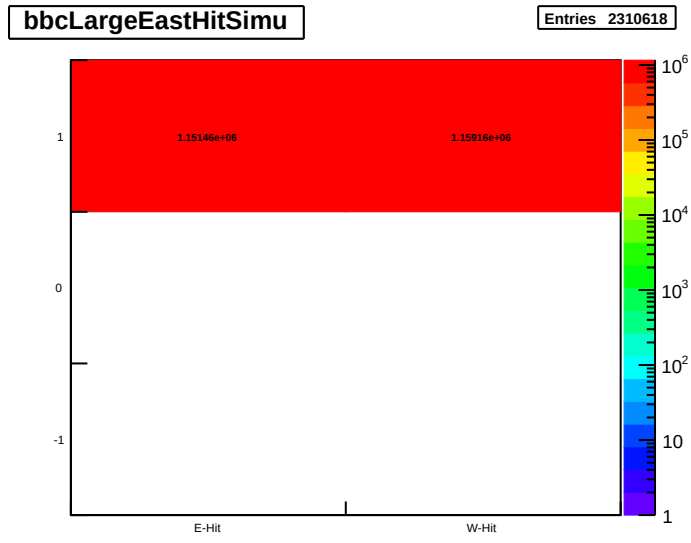

bbcSmallWestAdcSum
Entries2157596

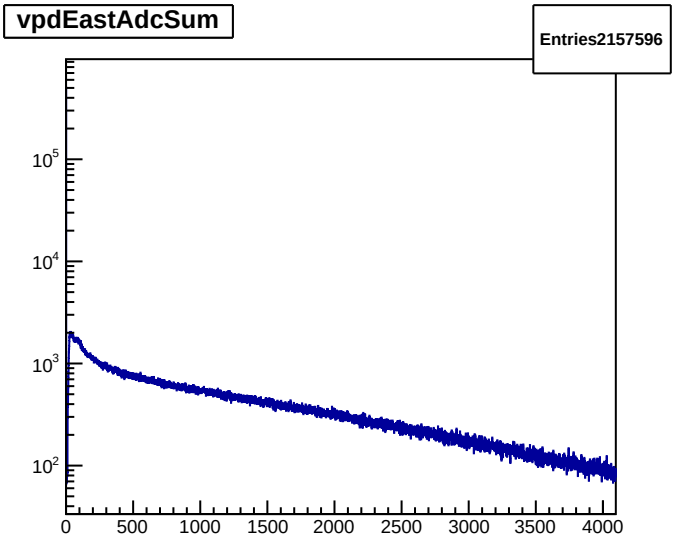

bbcSmallWestAdcSumVsSimu
Entries 1165804
Data
Simu

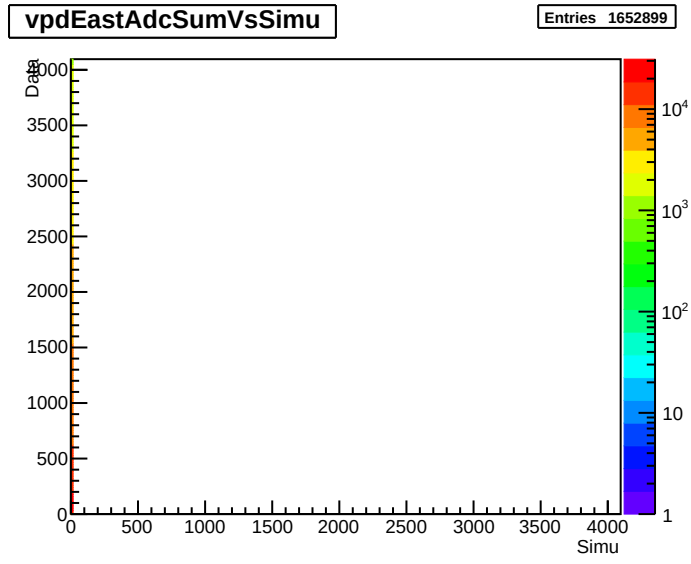

bbcSmallWestTacMax
Entries2157596

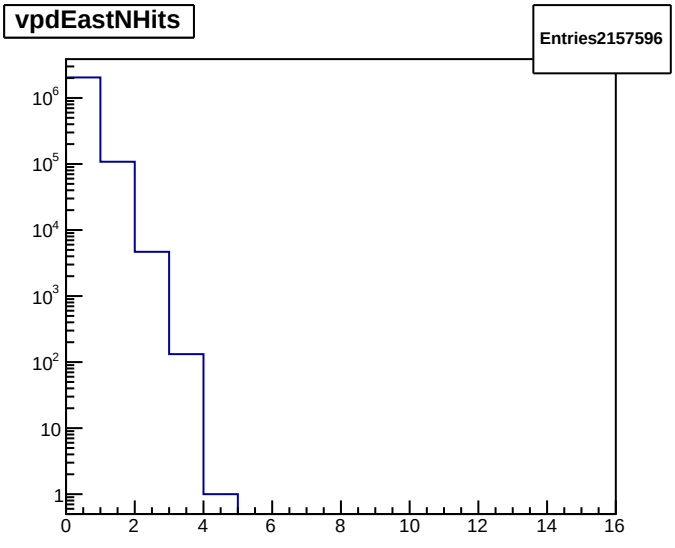

bbcSmallWestTacMaxVsSimu
Entries 1165804
Data
Simu

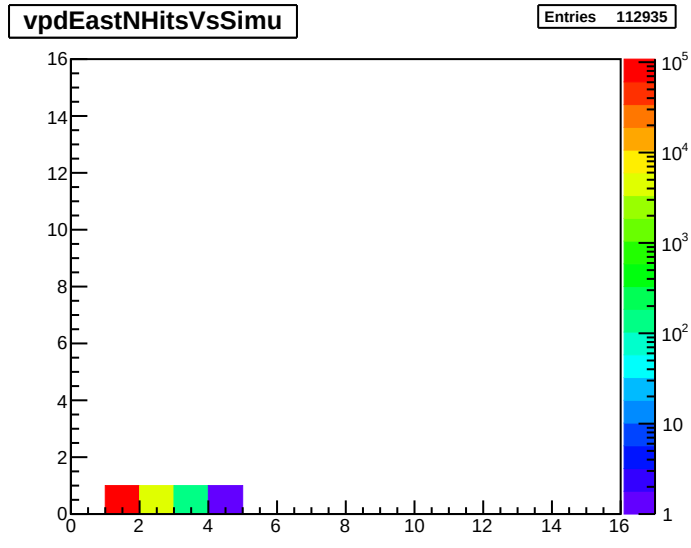

bbcLargeHit
Entries 4315192
1.9475e+06
1.89586e+06
210092
261735
1
0
E-Hit
W-Hit
10^6

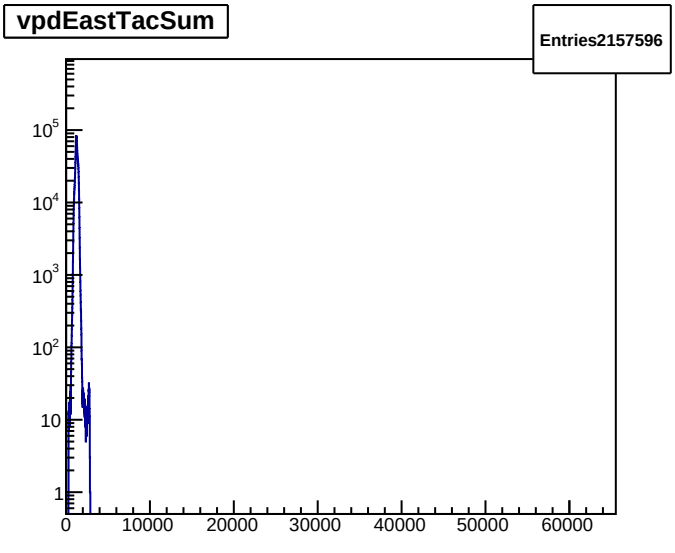

bbcLargeEastHitSimu
Entries 2310618
1.15146e+06
1.15916e+06
1
0
-1
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

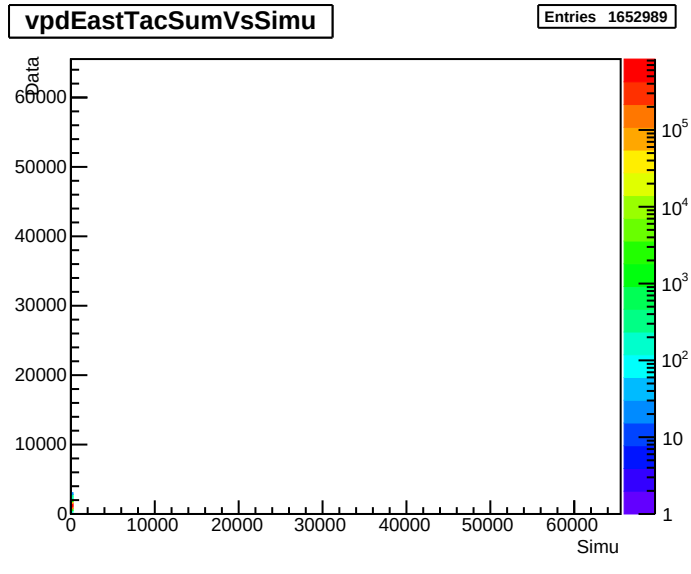

vpdEastAdcSum
Entries2157596

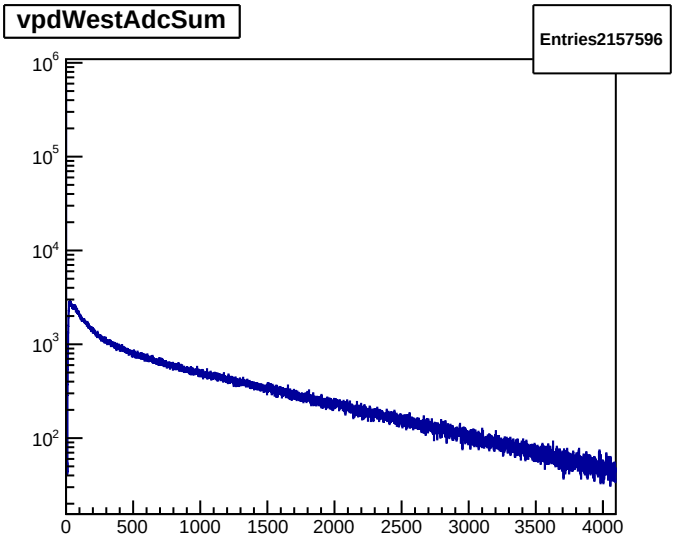

vpdEastAdcSumVsSimu
Entries 1652899
Data
Simu

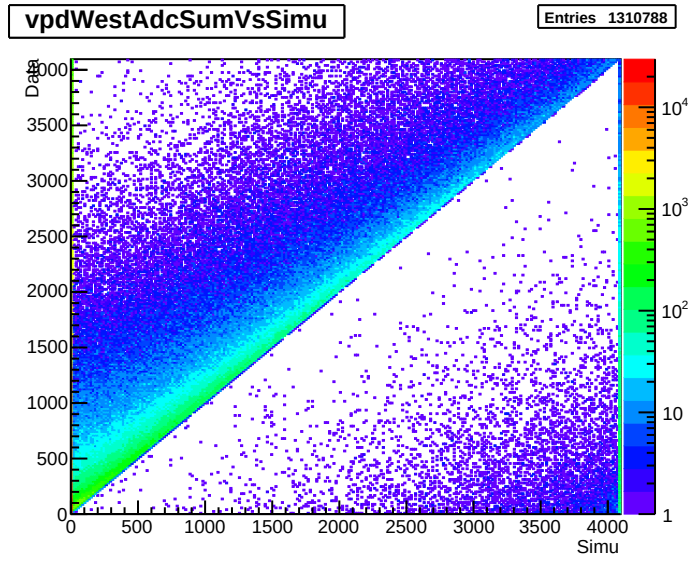

vpdEastNHits
Entries2157596

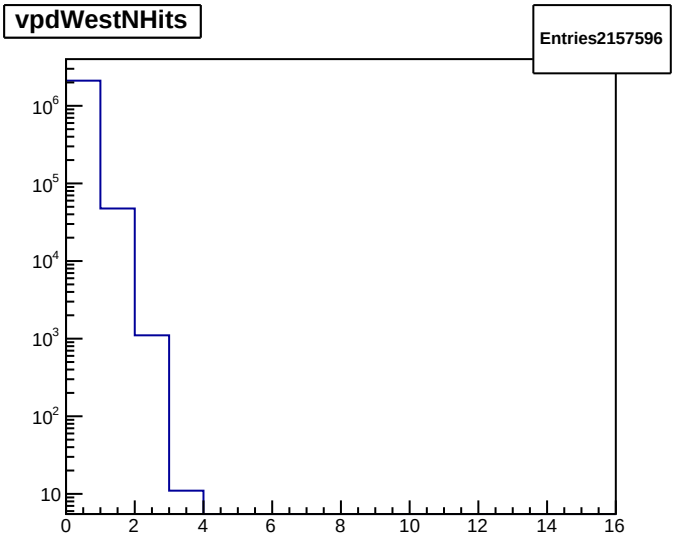

vpdEastNHitsVsSimu
Entries 112935

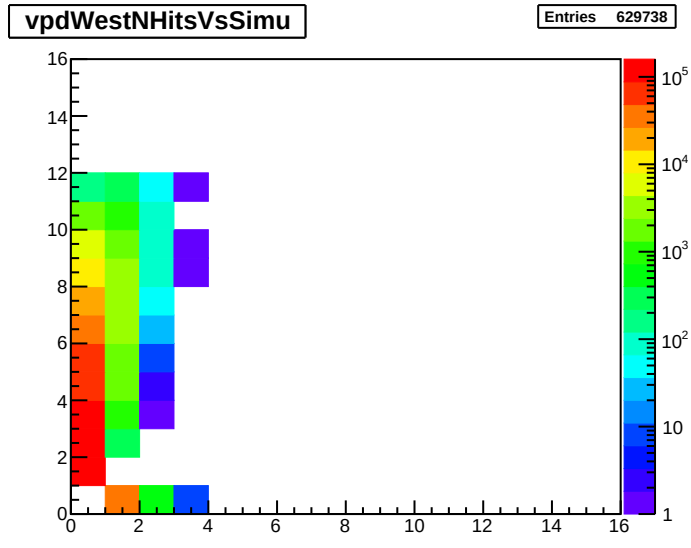

vpdEastTacSum
Entries2157596

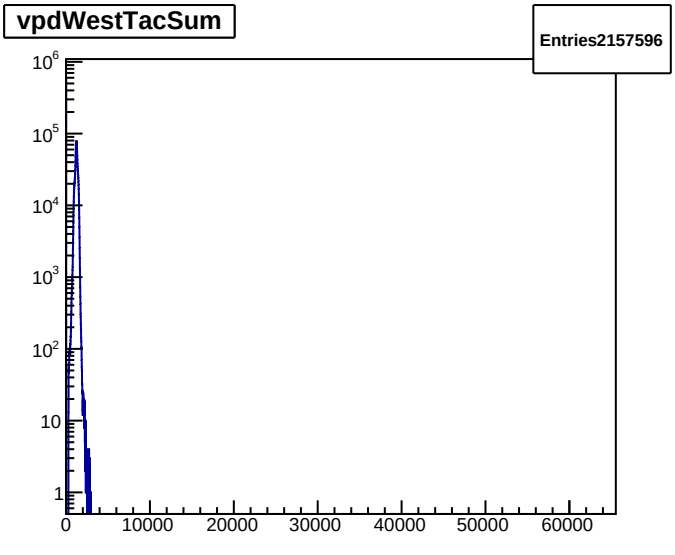

vpdEastTacSumVsSimu
Entries 1652989
Data
Simu

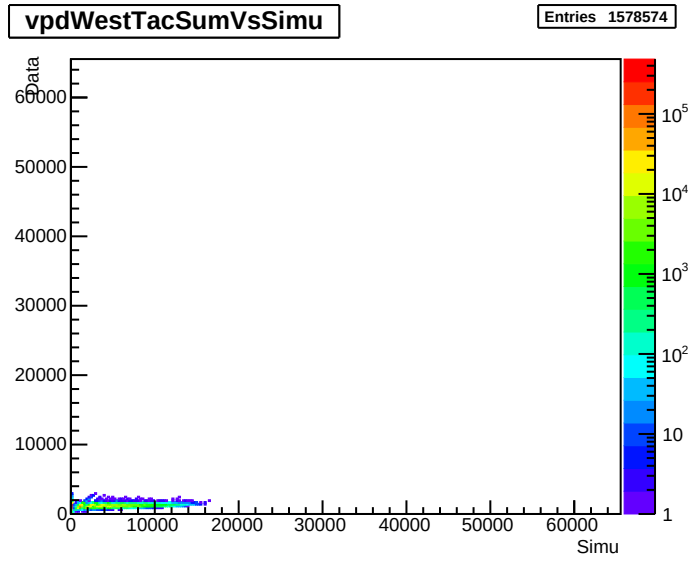

vpdWestAdcSum
Entries2157596

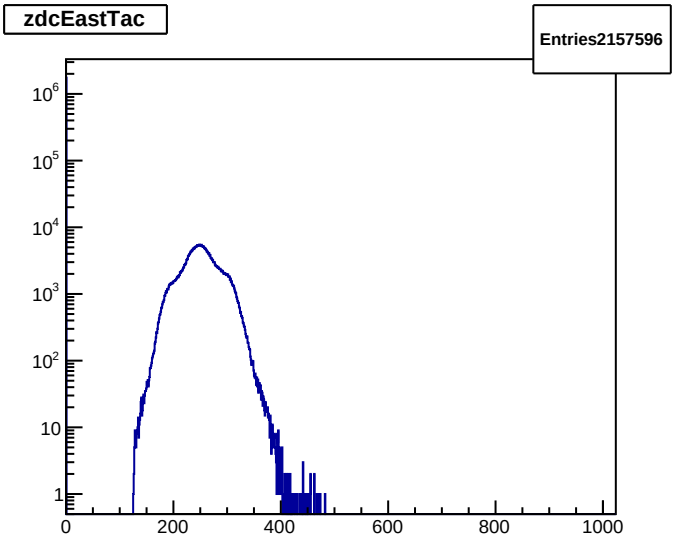

vpdWestAdcSumVsSimu
Entries 1310788
Data
Simu

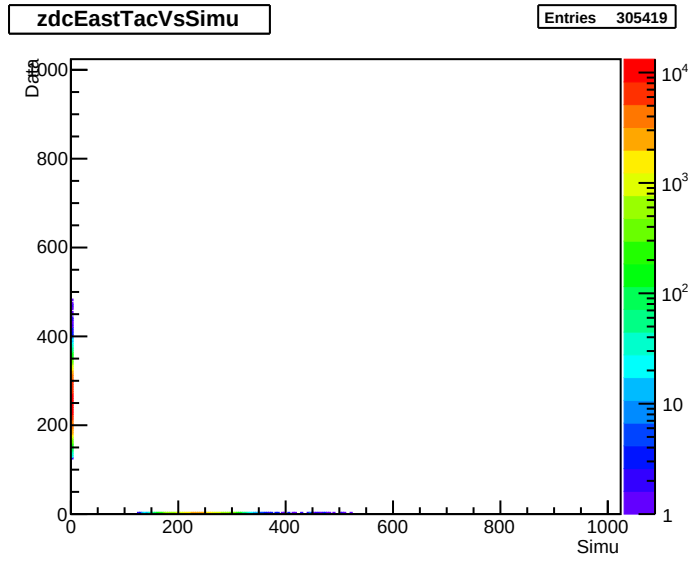

vpdWestNHits
Entries2157596

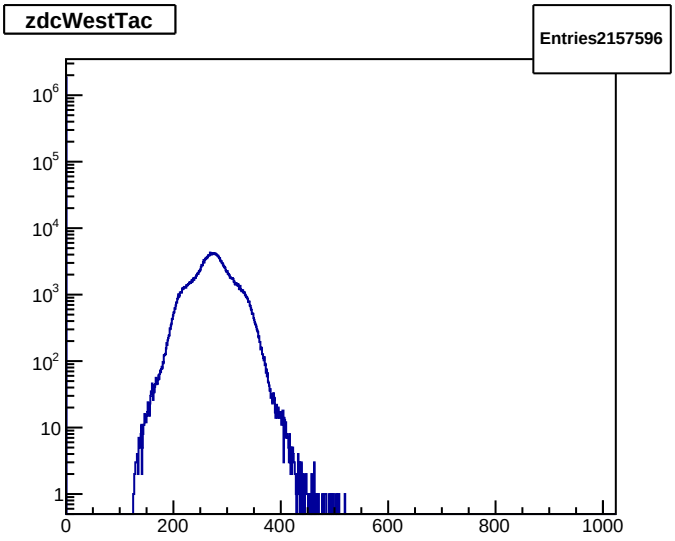

vpdWestNHitsVsSimu
Entries 629738

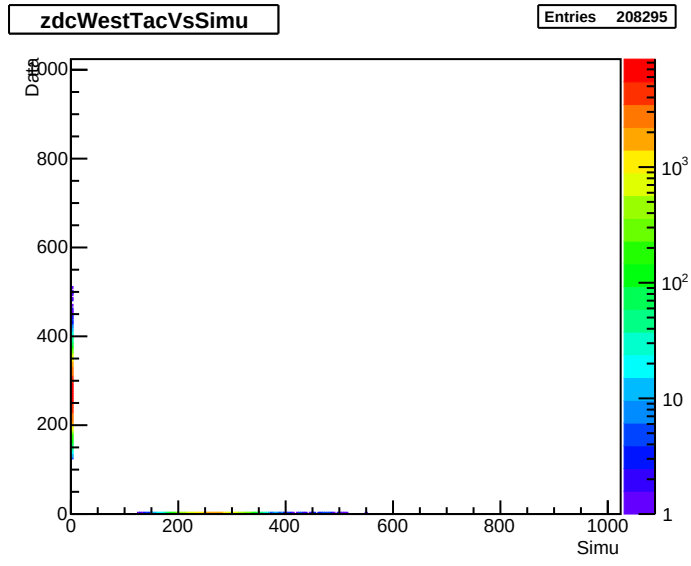

vpdWestTacSum
Entries2157596

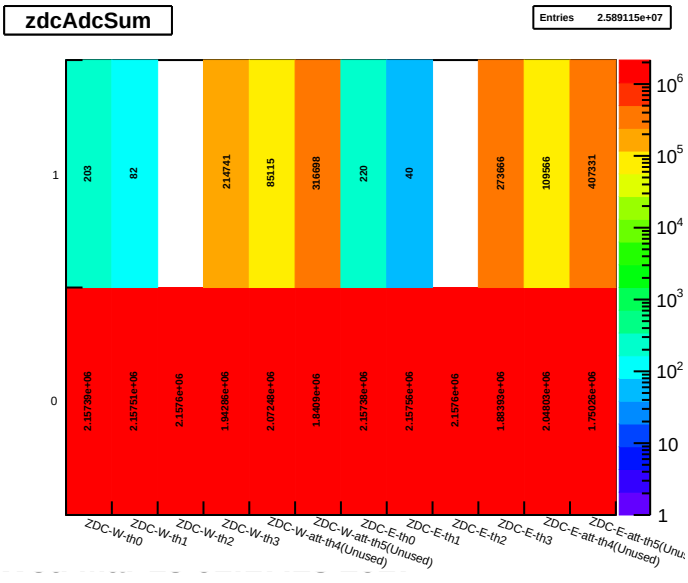

vpdWestTacSumVsSimu
Entries 1578574
Data
Simu

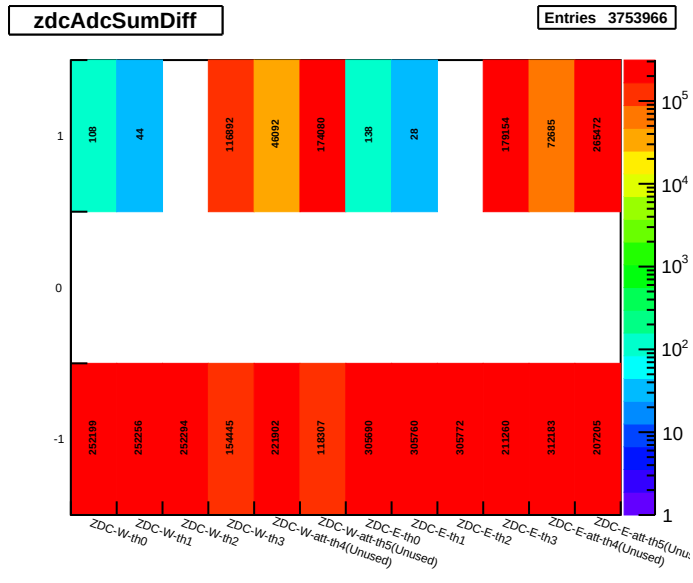

zdcEastTac
Entries2157596

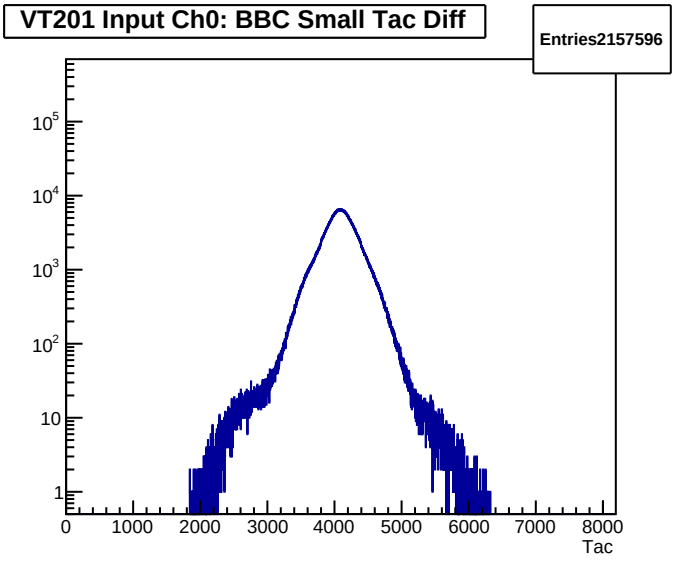

zdcEastTacVsSimu
Entries 305419
Data
Simu

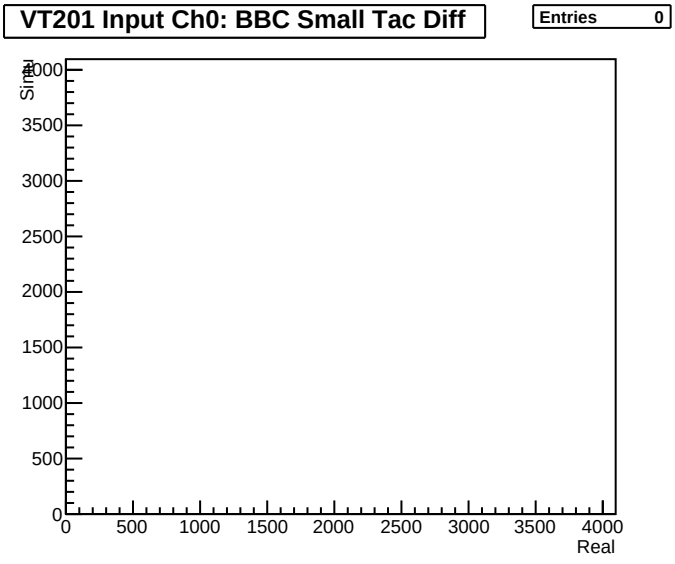

zdcWestTac
Entries2157596

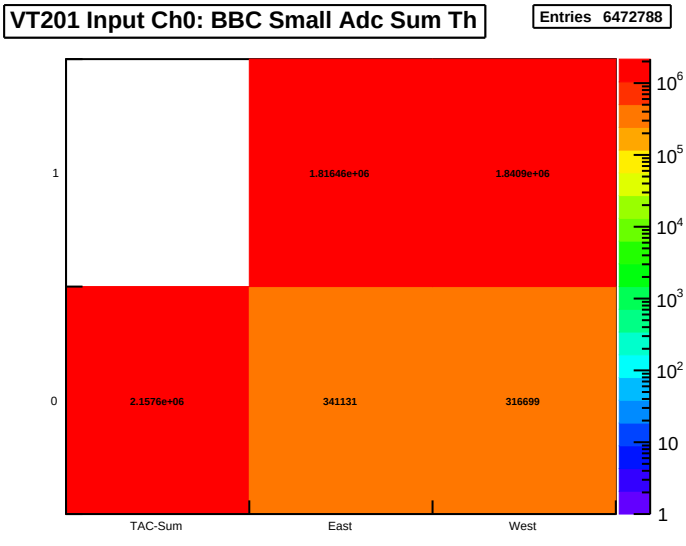

zdcWestTacVsSimu
Entries 208295
Data
Simu

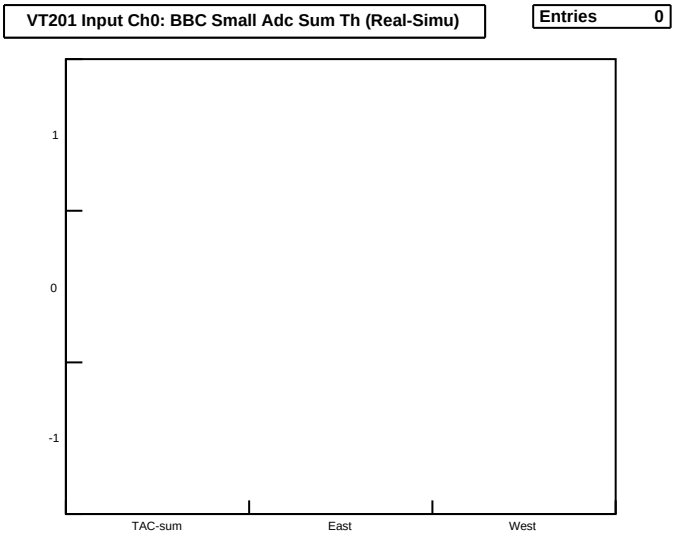

zdcAdcSum
Entries 2.589115e+07
203
82
214741
85115
316698
220
40
273666
109566
407331
2.15739e+06
2.15751e+06
2.1576e+06
1.94286e+06
2.07248e+06
1.8409e+06
2.15738e+06
2.15756e+06
2.1576e+06
1.88392e+06
2.04803e+06
1.75026e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

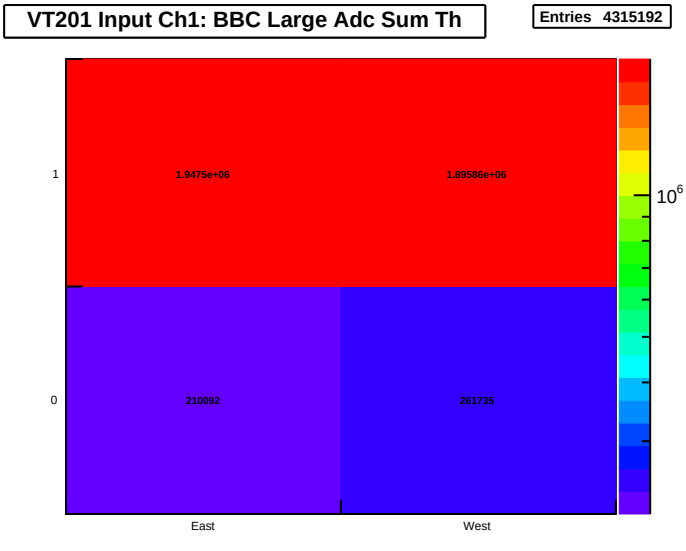

zdcAdcSumDiff
Entries 3753966
108
44
116892
46092
174080
138
28
179154
72685
265472
252199
252256
252294
154445
221902
118307
305690
305760
305772
211260
312183
207205
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

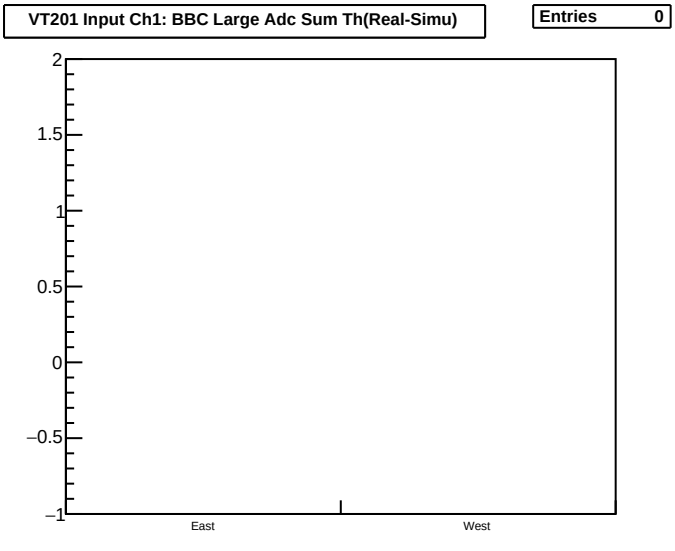

VT201 Input Ch0: BBC Small Tac Diff
Entries2157596
Tac


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

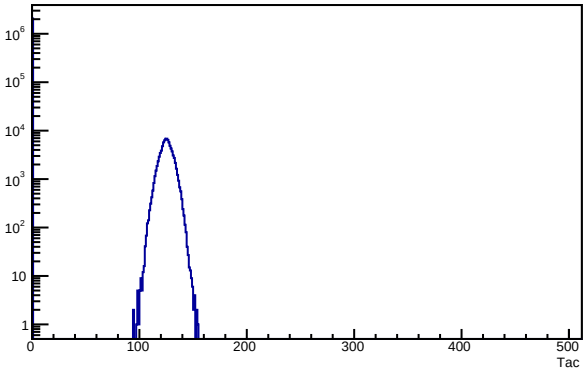

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 6472788
1.81646e+06
1.8409e+06
2.1576e+06
341131
316699
TAC-Sum
East
West


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

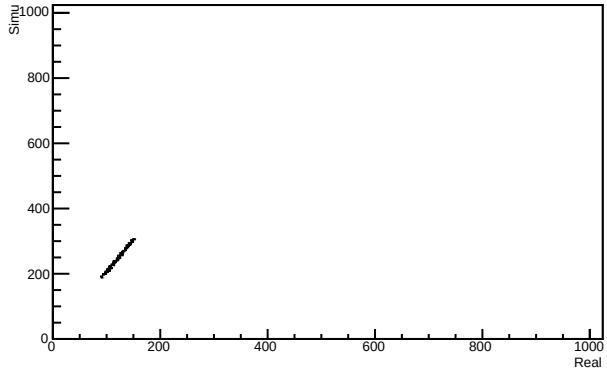

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 4315192
1.9475e+06
1.89586e+06
210092
261735
East
West


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

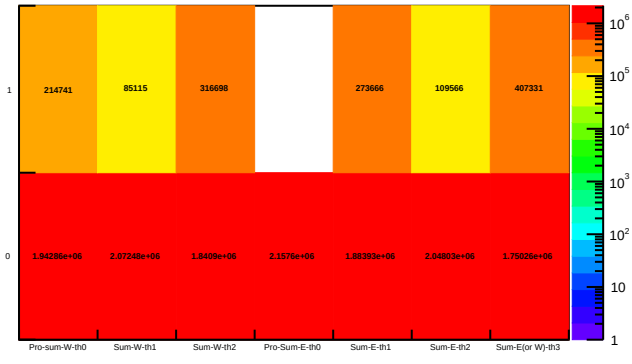
VT201 Input Ch2: ZDC Tac Diff



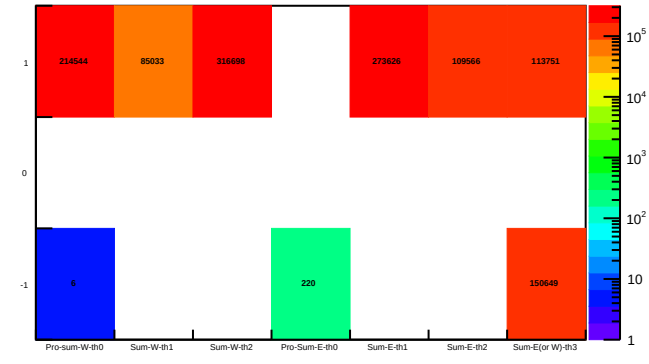
VT201 Input Ch2: ZDC Tac Diff



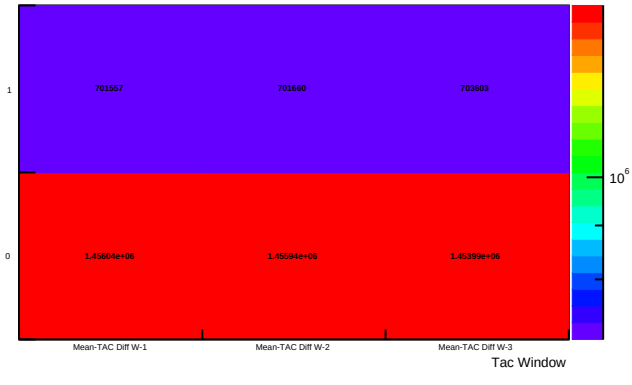
VT201 Input Ch2: ZDC Adc Sum Th



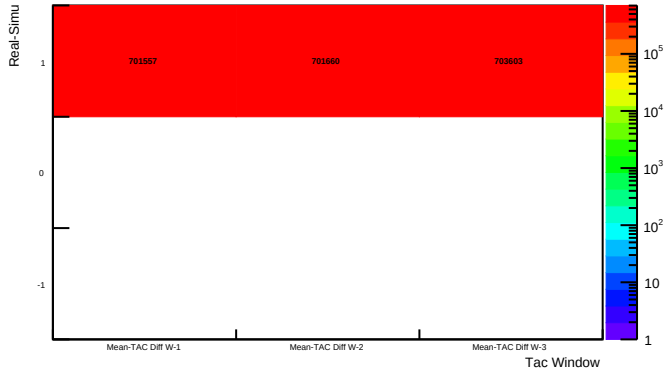
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



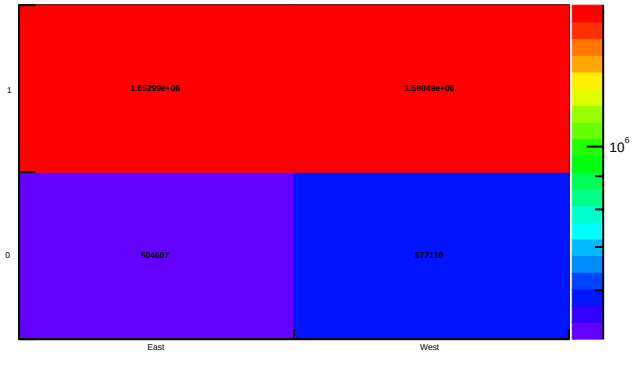
VT201 Input Ch4: VPD Tac Diff



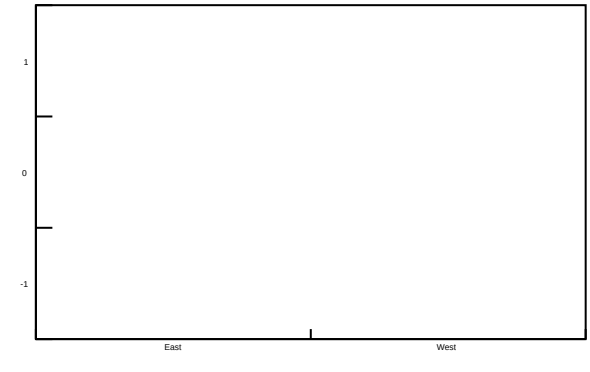
VT201 Input Ch4: VPD Tac Diff

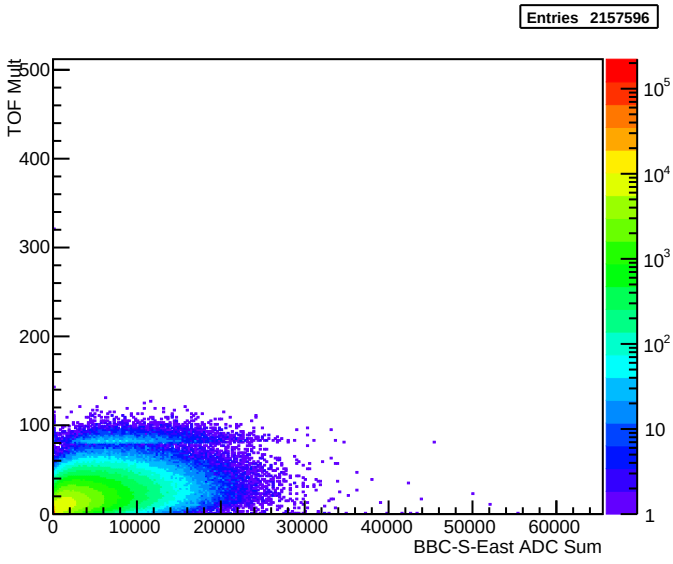


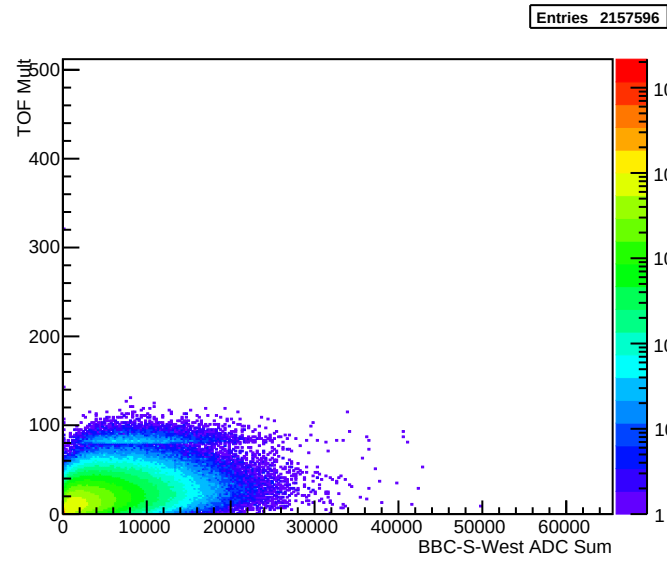
VT201 Input Ch4: VPD Adc Sum Th

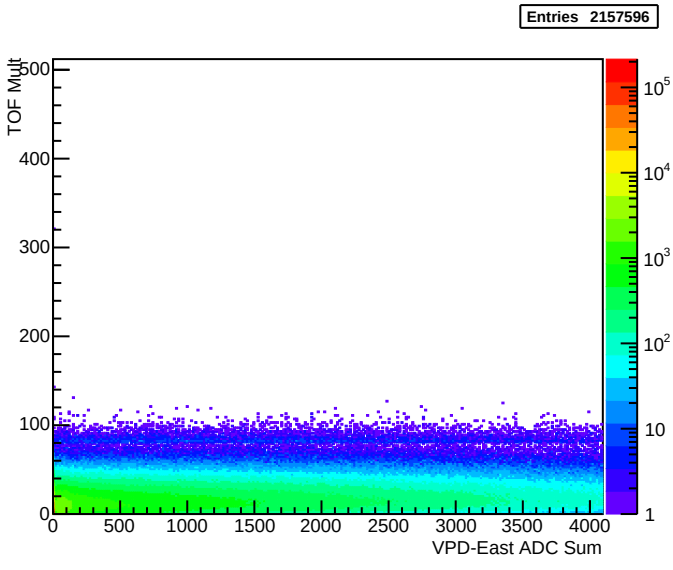


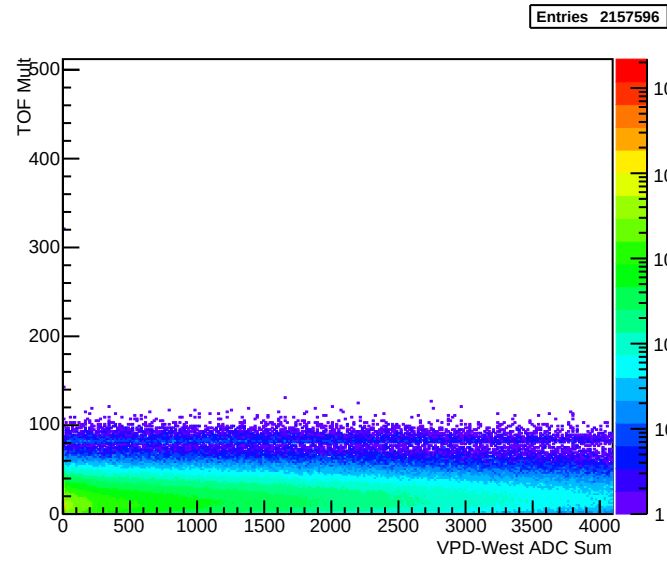
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

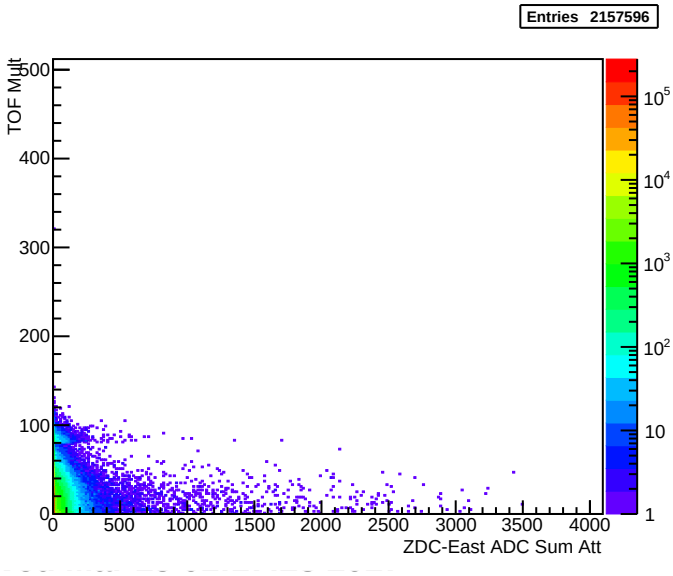


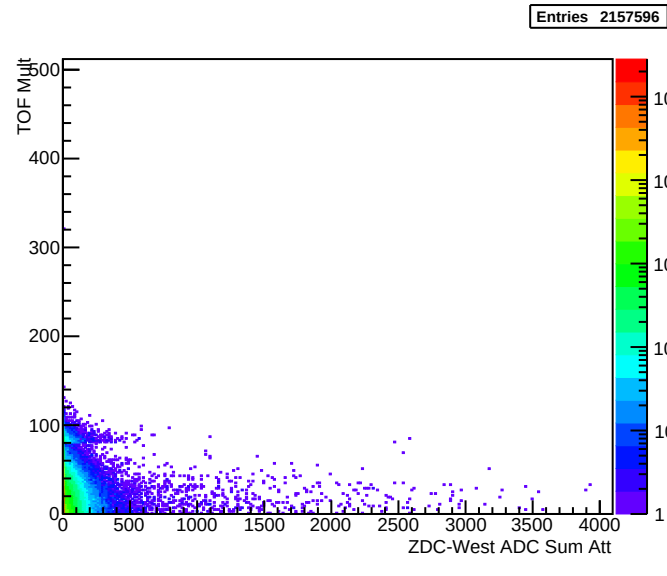

Entries 2157596
TOF Mult
BBC-S-East ADC Sum

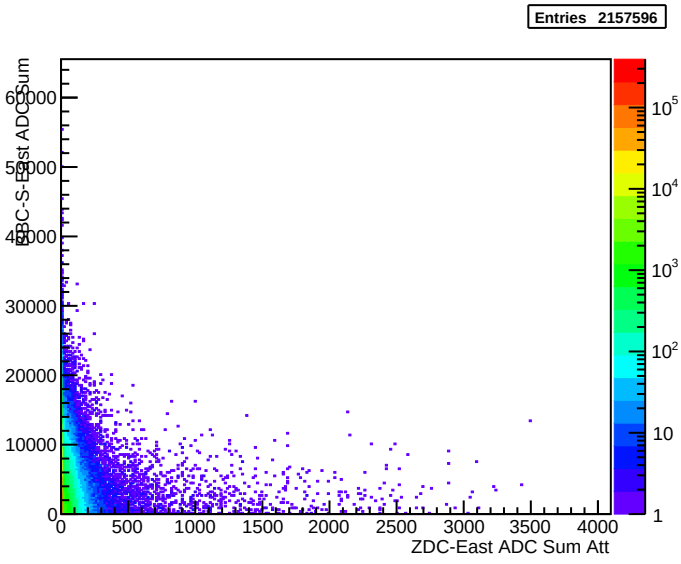

Entries 2157596
TOF Mult
BBC-S-West ADC Sum

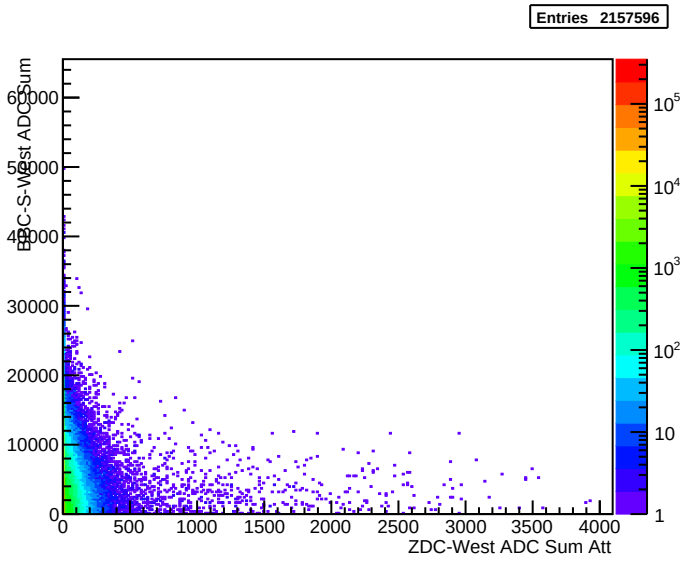

Entries 2157596
TOF Mult
VPD-East ADC Sum

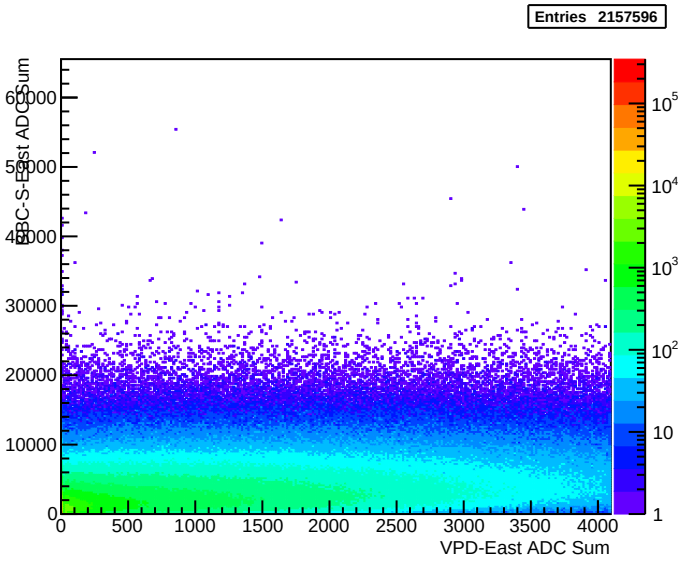

Entries 2157596
TOF Mult
VPD-West ADC Sum

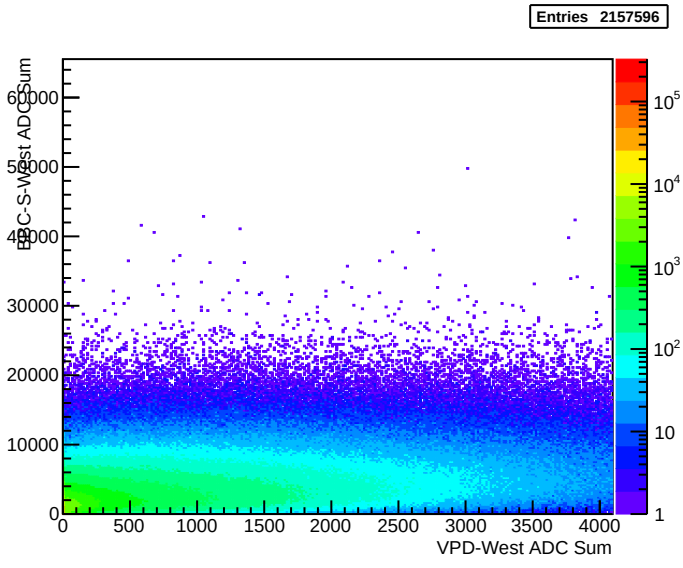

Entries 2157596
TOF Mult
ZDC-East ADC Sum Att

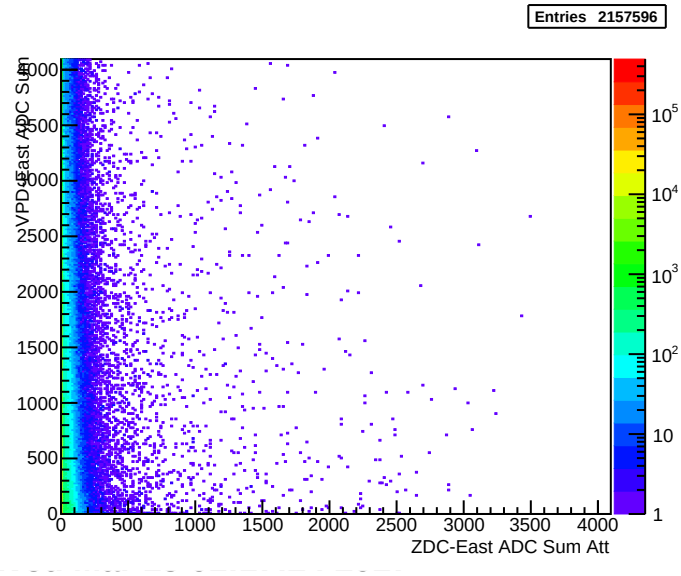

Entries 2157596
TOF Mult
ZDC-West ADC Sum Att

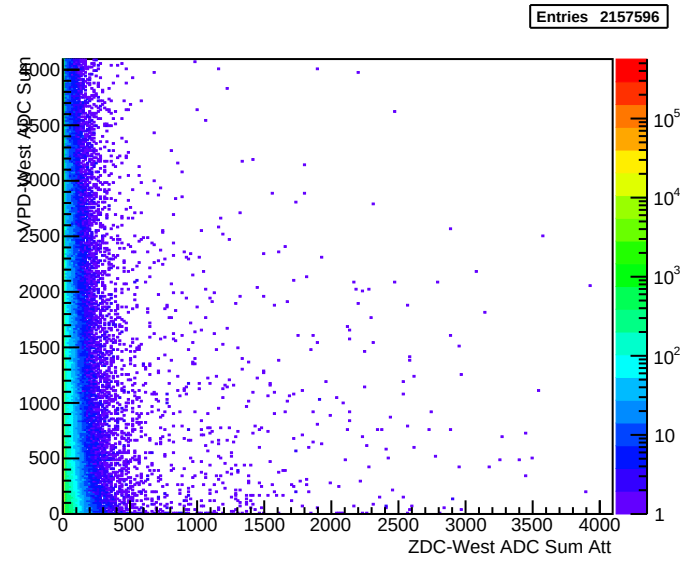

Entries 2157596
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

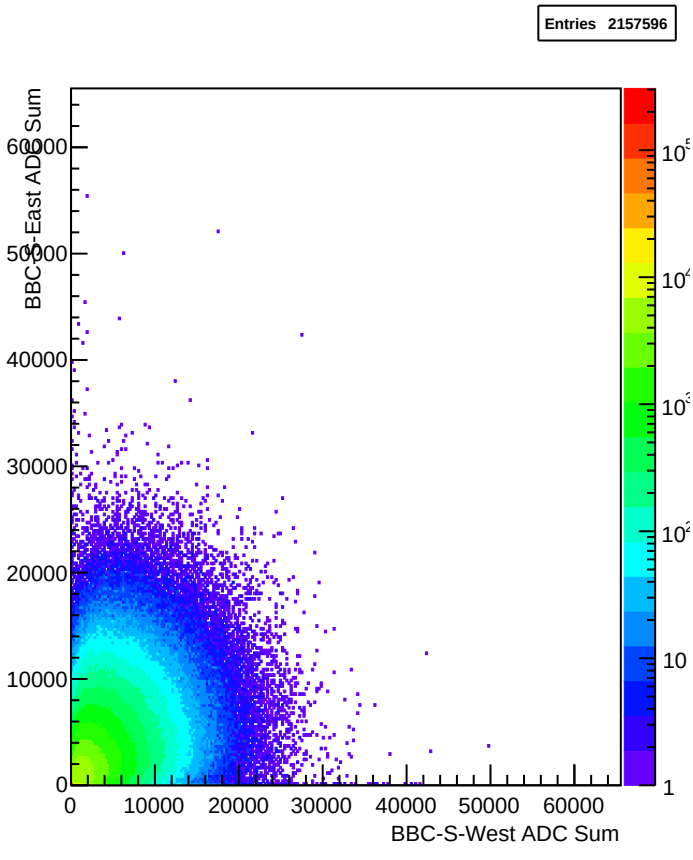

Entries 2157596
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

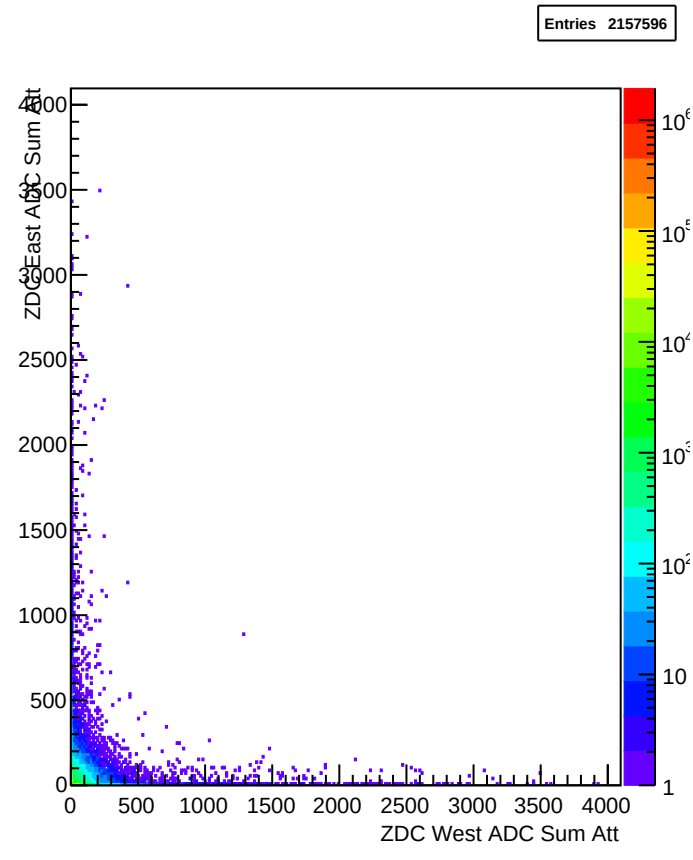

Entries 2157596
BBC-S-East ADC Sum
VPD-East ADC Sum

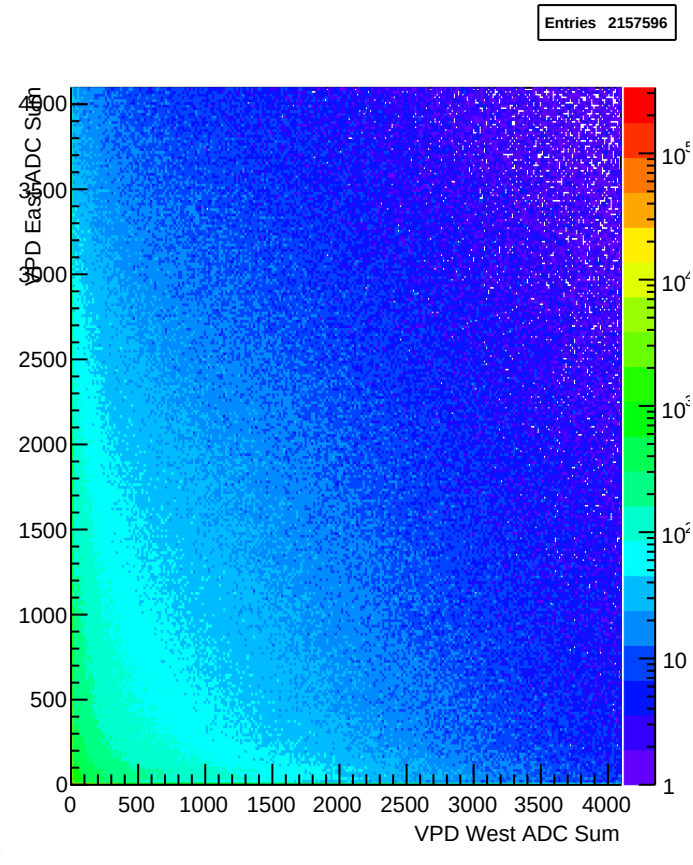

Entries 2157596
BBC-S-West ADC Sum
VPD-West ADC Sum

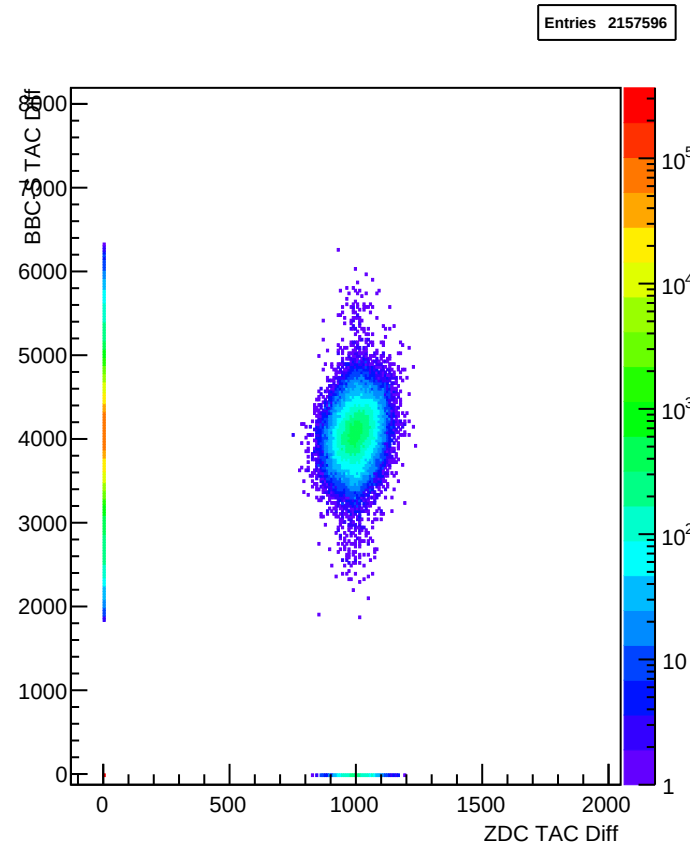

Entries 2157596
VPD-East ADC Sum
ZDC-East ADC Sum Att

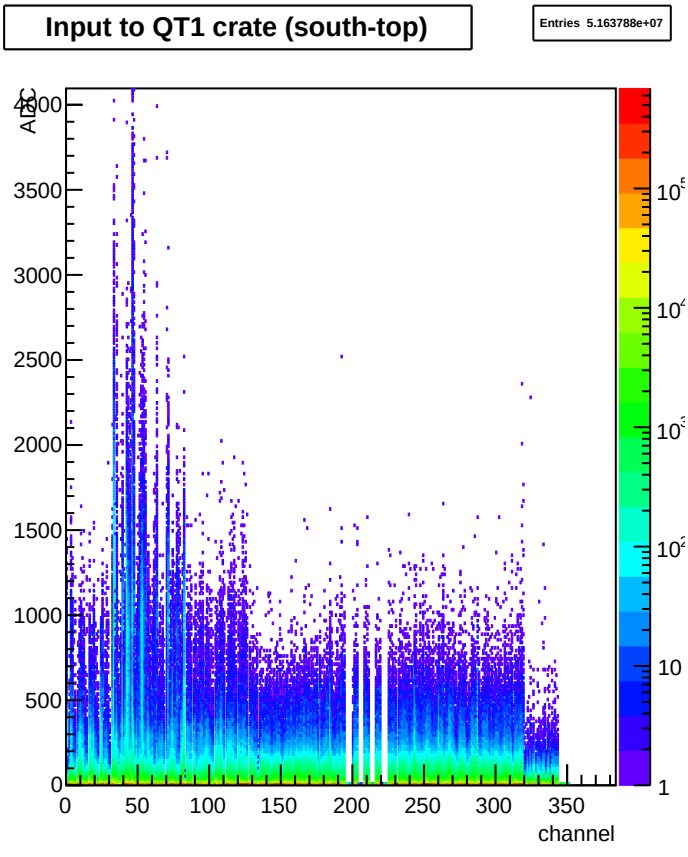

Entries 2157596
VPD-West ADC Sum
ZDC-West ADC Sum Att

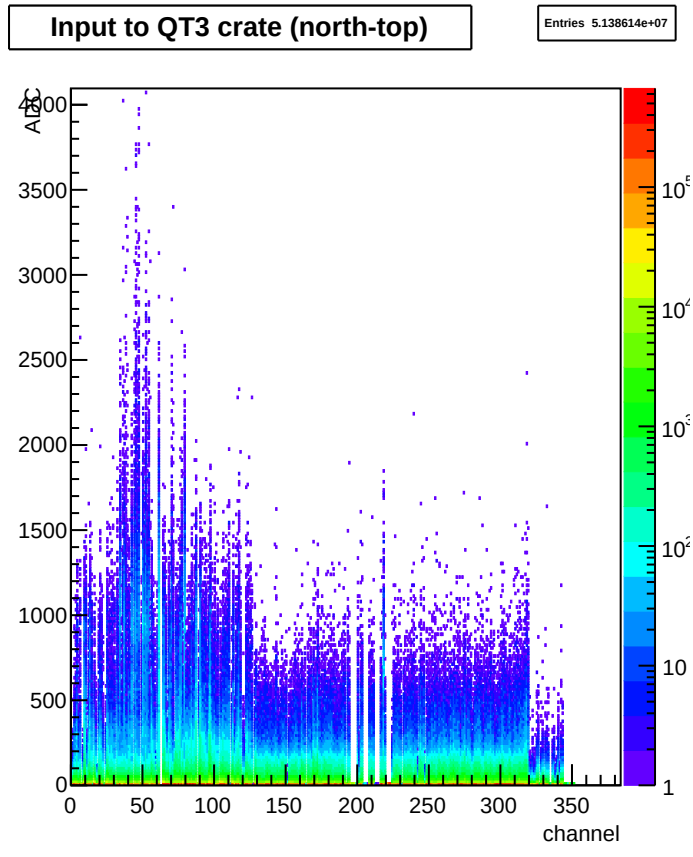

Entries 2157596
BBC-S-East ADC Sum
BBC-S-West ADC Sum

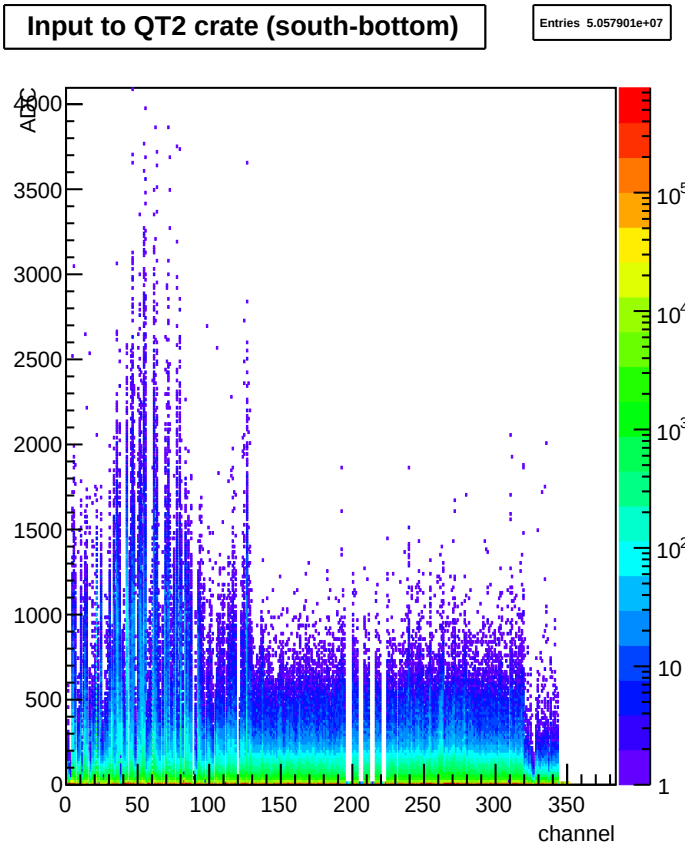

Entries 2157596
ZDC East ADC Sum Att
ZDC West ADC Sum Att

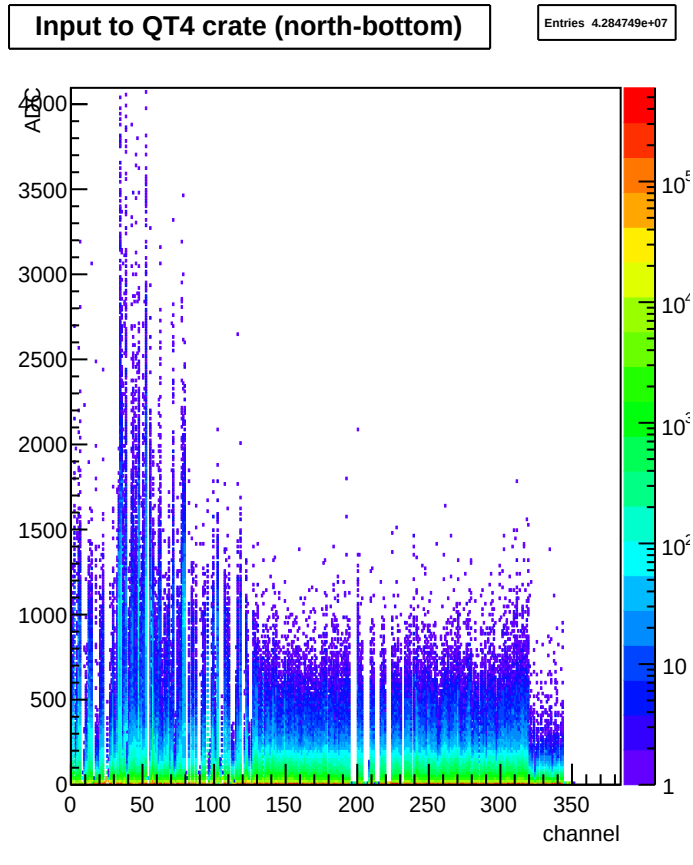

Entries 2157596
VPD East ADC Sum
VPD West ADC Sum

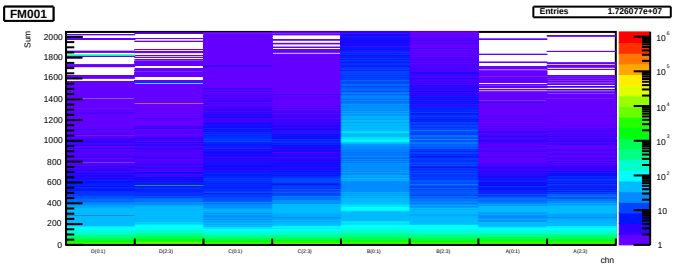

Entries 2157596
BBC-S TAC Diff
ZDC TAC Diff

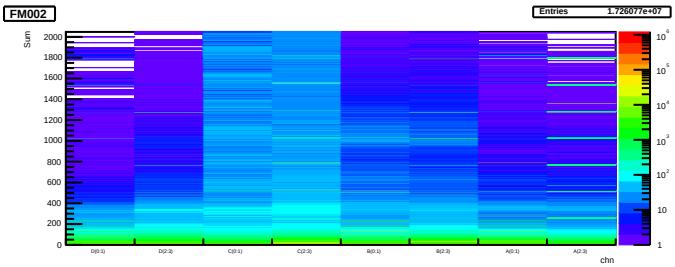

Input to QT1 crate (south-top)
Entries 5.163788e+07
ADC
channel

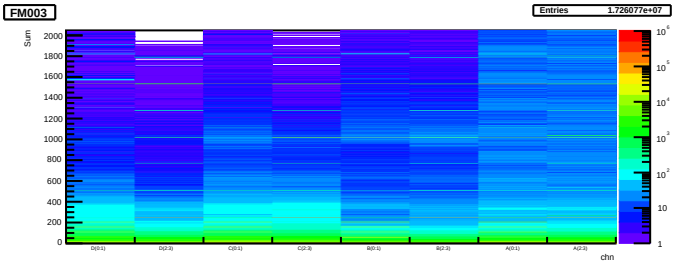

Input to QT3 crate (north-top)
Entries 5.138614e+07
ADC
channel

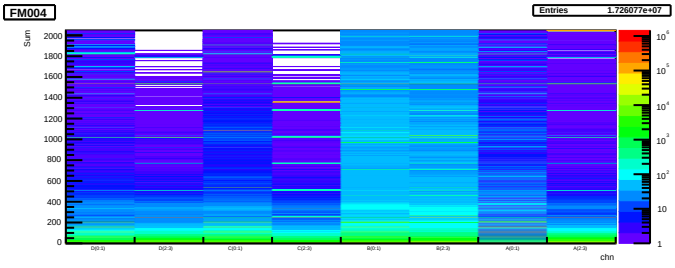

Input to QT2 crate (south-bottom)
Entries 5.057901e+07
ADC
channel

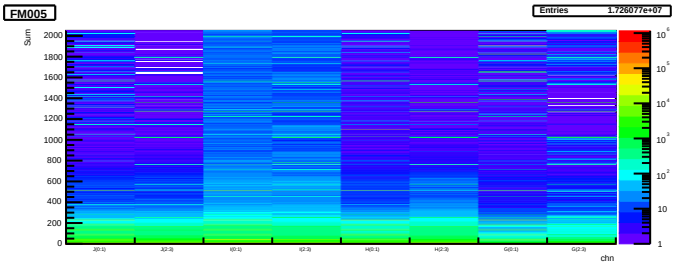

Input to QT4 crate (north-bottom)
Entries 4.284749e+07
ADC
channel

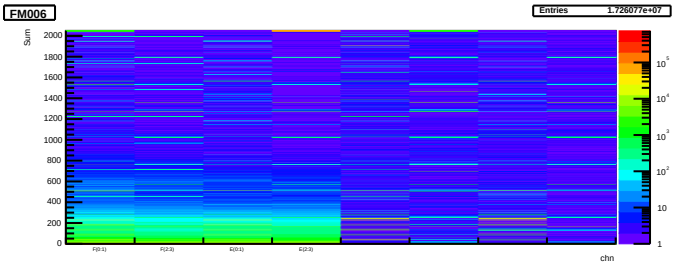

FM001
Entries 1.726077e+07
Sum
chn


FM002
Entries 1.726077e+07
Sum
chn


FM003
Entries 1.726077e+07
Sum
chn


FM004
Entries 1.726077e+07
Sum
chn


FM005
Entries 1.726077e+07
Sum
chn


FM006
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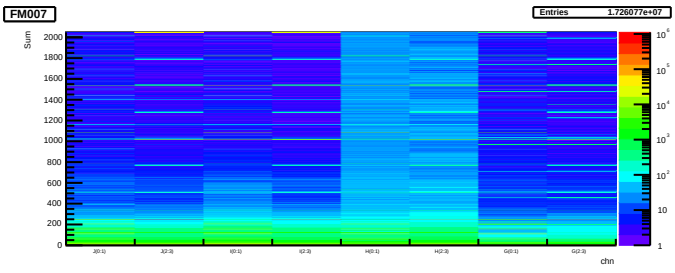
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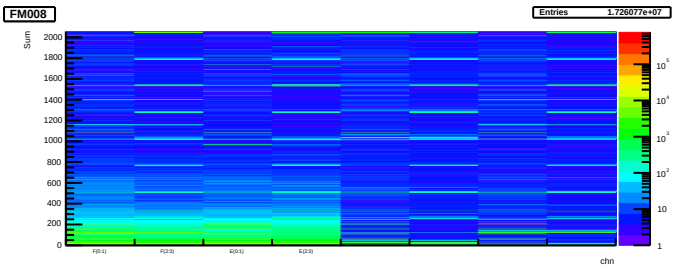
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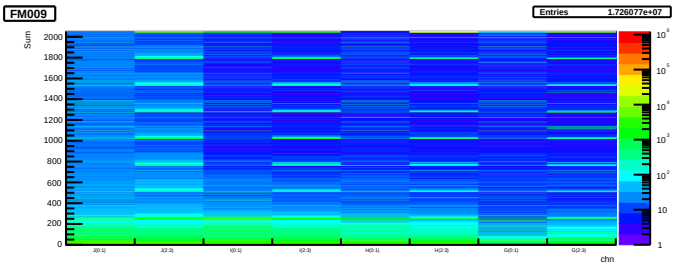
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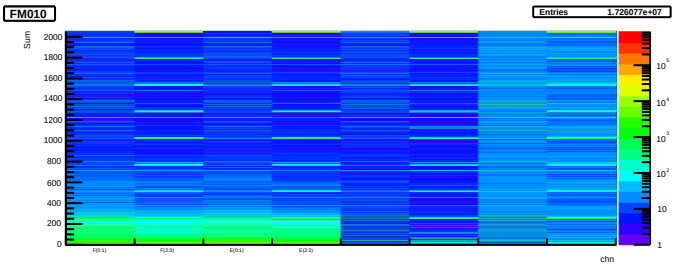
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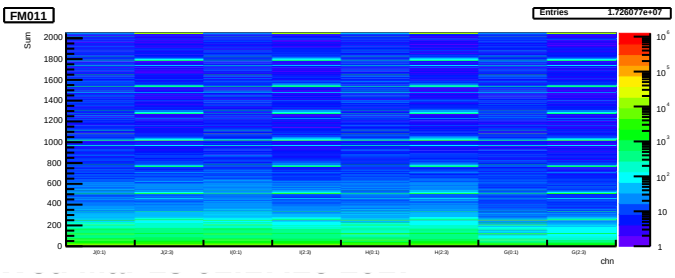
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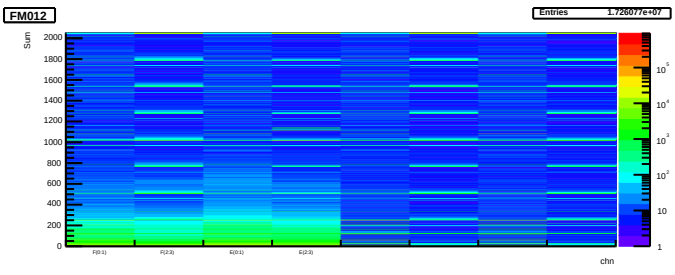
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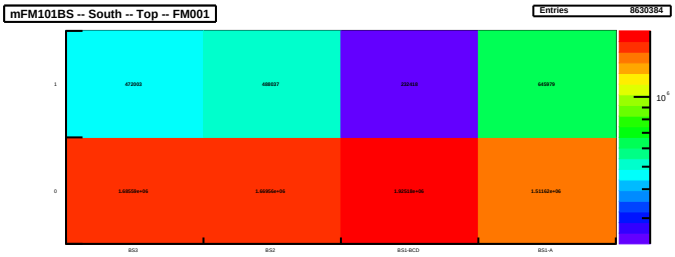
mFM101BS -- South -- Top -- FM001
Entries 8630384
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488037
232416
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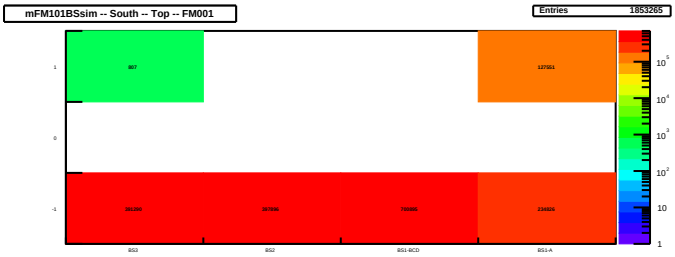
BS3
BS2
BS1-BCD
BS1-A


mFM101BSsim -- South -- Top -- FM001
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807
127561
291290
287896
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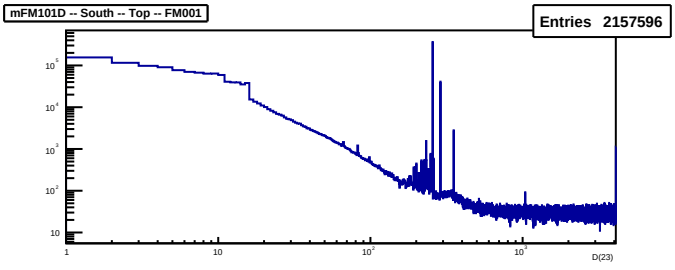
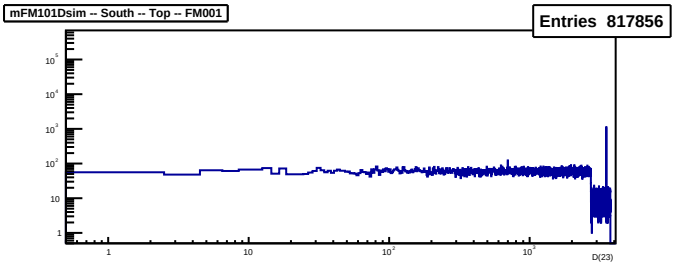
BS3
BS2
BS1-BCD
BS1-A


mFM101D -- South -- Top -- FM001
Entries 2157596
D(23)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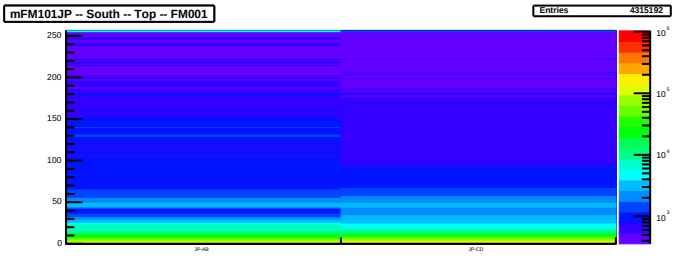
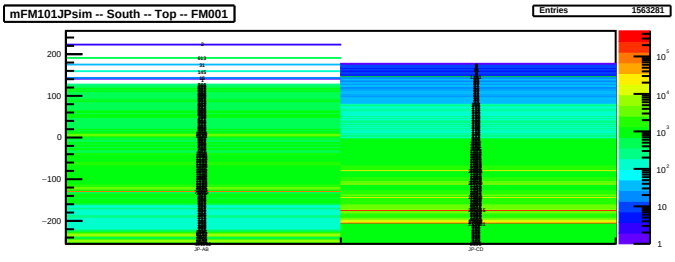
Entries 817856
D(23)


mFM101JP -- South -- Top -- FM001
Entries 4315192
JP-AB
JP-CD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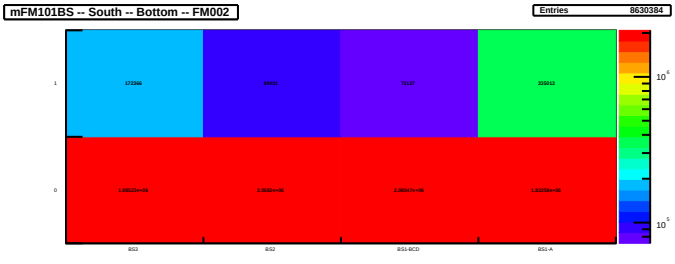
Entries 1563281
JP-AB
JP-CD


mFM101BS -- South -- Bottom -- FM002
Entries 8630384
172366
45401
70127
355512
1.99523e+06
2.0692e+06
2.88547e+06
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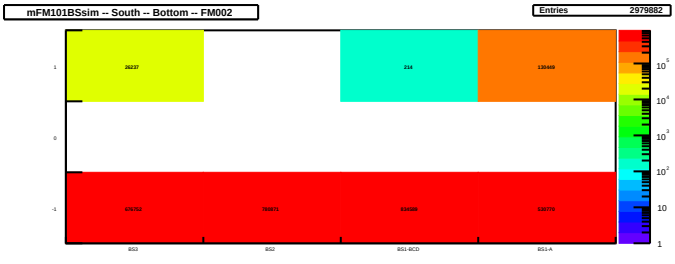
BS2
BS1-BCD
BS1-A


mFM101BSsim -- South -- Bottom -- FM002
Entries 2979882
26237
214
130449
676752
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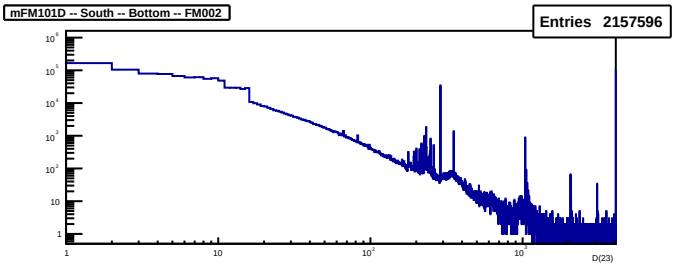
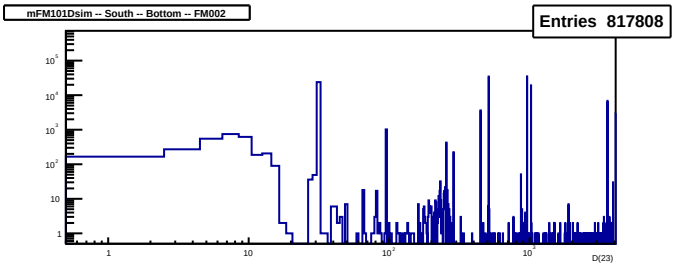
530770
BS3
BS2
BS1-BCD
BS1-A


mFM101D -- South -- Bottom -- FM002
Entries 2157596
D(23)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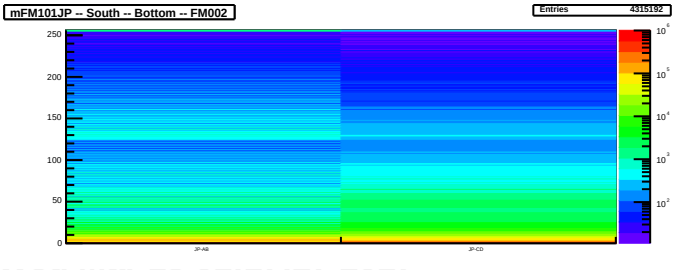
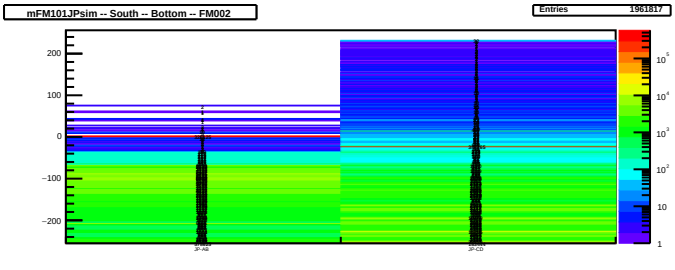
D(23)


mFM101JP -- South -- Bottom -- FM002
Entries 4315192
JP-AB
JP-CD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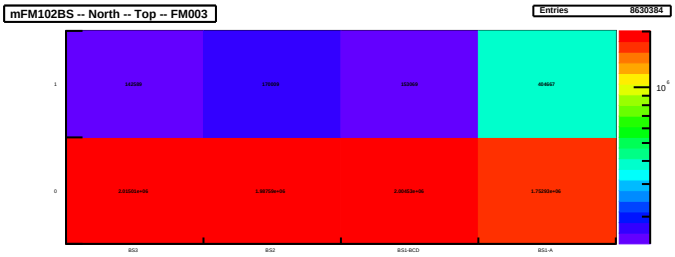
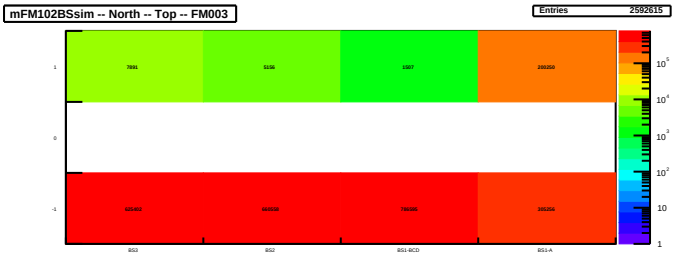
JP-AB
JP-CD


mFM102BS -- North -- Top -- FM003
Entries 8630384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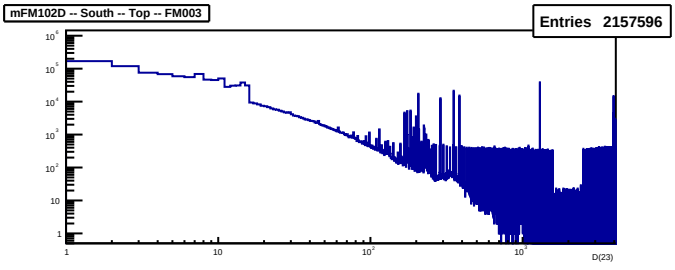
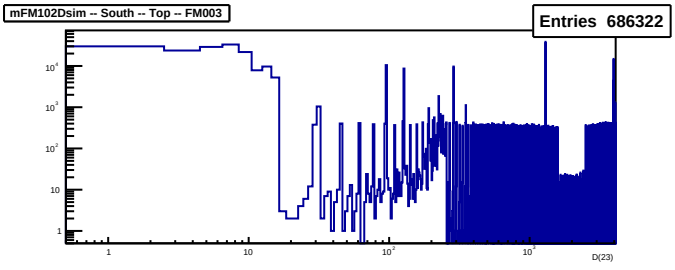

mFM102D -- South -- Top -- FM003
Entries 2157596
D(23)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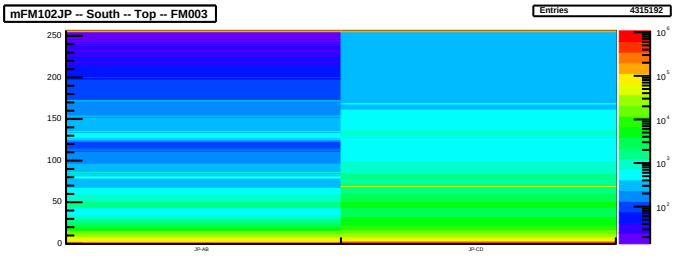
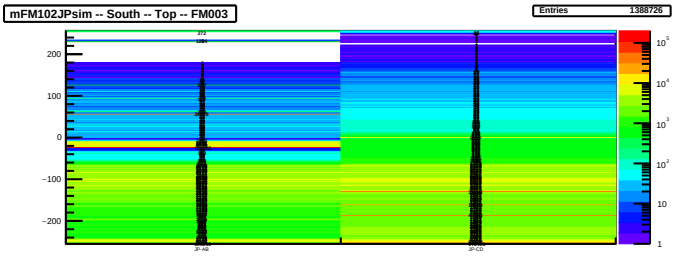
Entries 686322
D(23)


mFM102JP -- South -- Top -- FM003
Entries 4315192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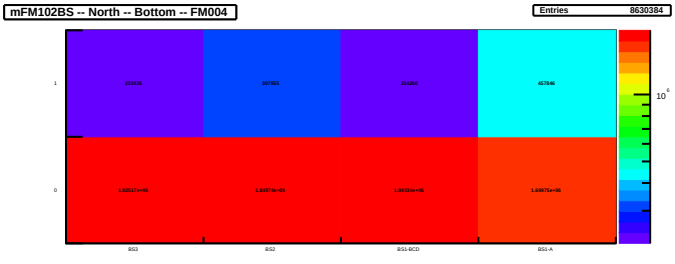
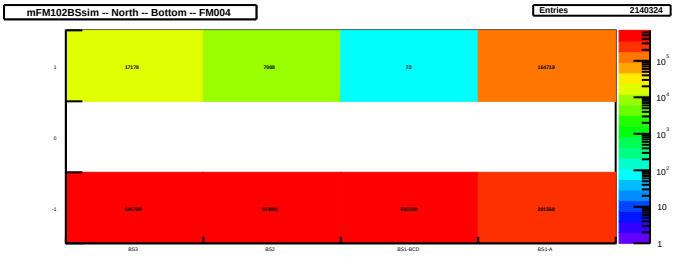

mFM102BS -- North -- Bottom -- FM004
Entries 8630384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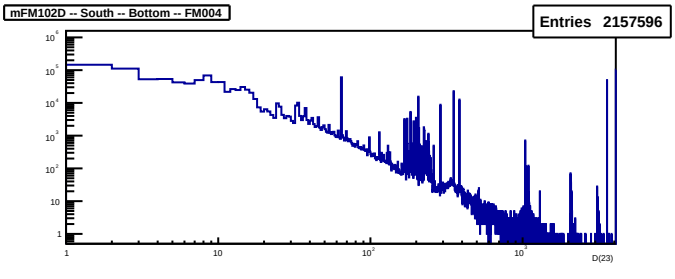
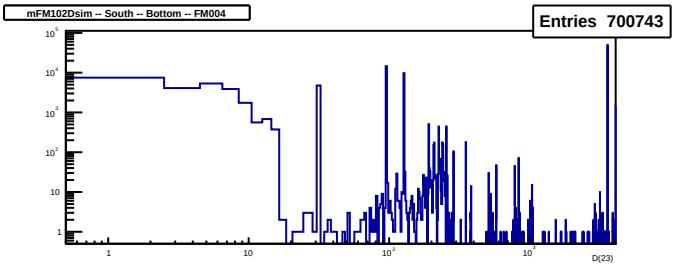

mFM102D -- South -- Bottom -- FM004
Entries 2157596
D(23)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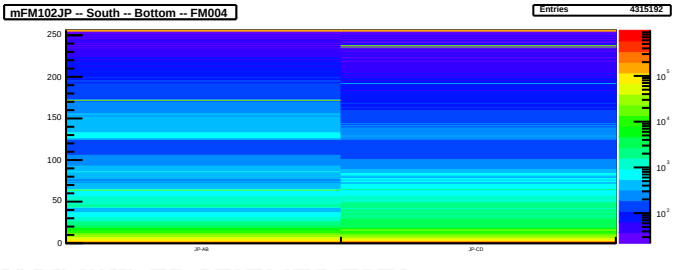
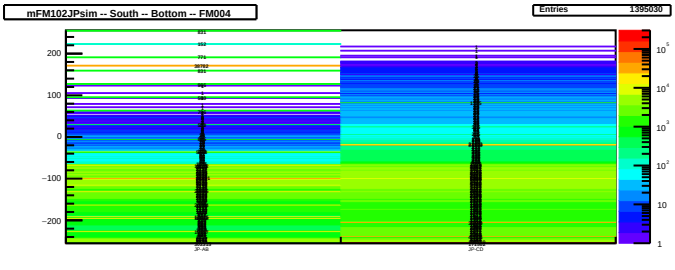
Entries 700743
D(23)


mFM102JP -- South -- Bottom -- FM004
Entries 4315192


mFM102JPsim -- South -- Bottom -- FM004
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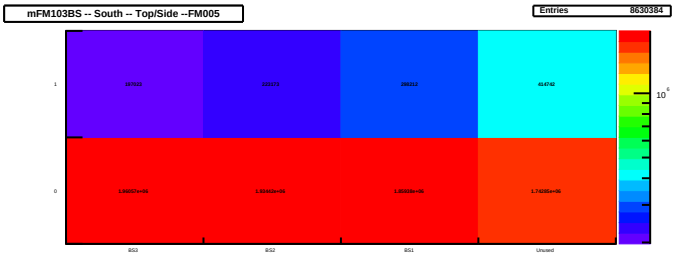
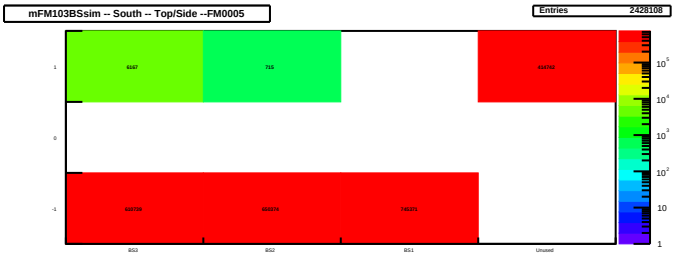

mFM103BS -- South -- Top/Side --FM005
Entries 8630384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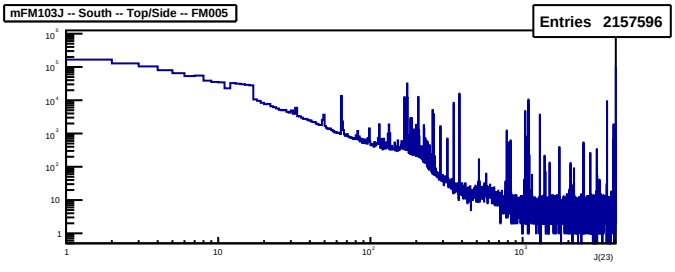
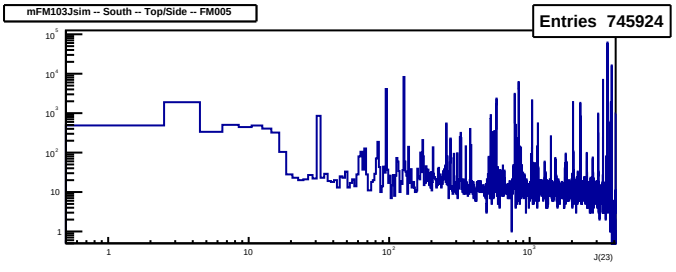

mFM103J -- South -- Top/Side -- FM005
Entries 2157596
J(23)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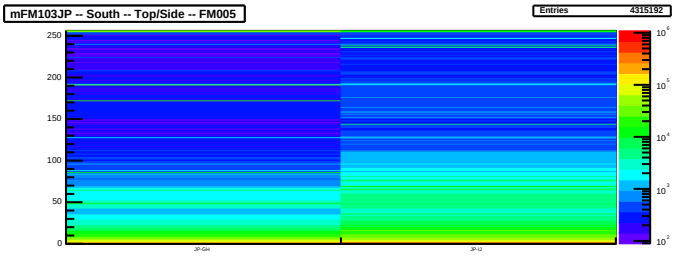
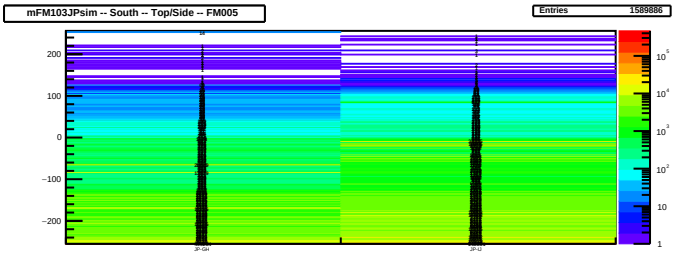
Entries 745924
J(23)


mFM103JP -- South -- Top/Side -- FM005
Entries 4315192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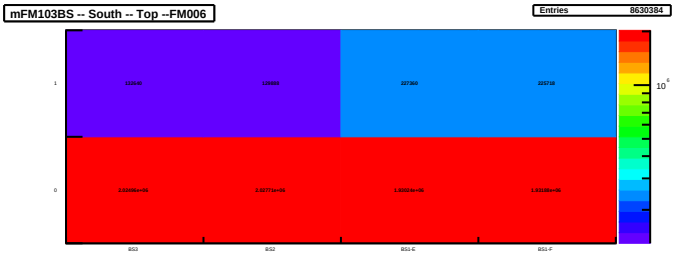
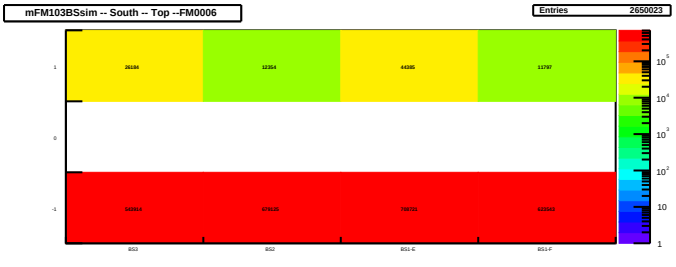

mFM103BS -- South -- Top --FM006
Entries 8630384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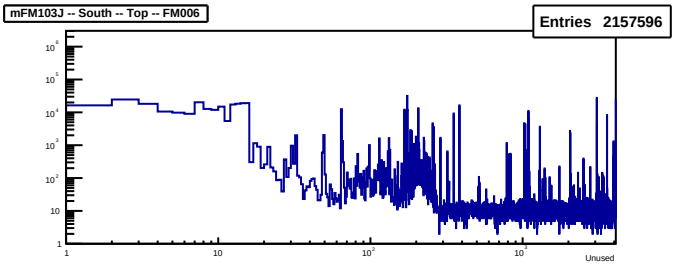
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Entries 2157596
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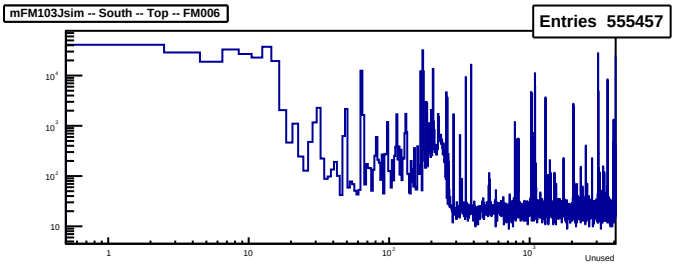
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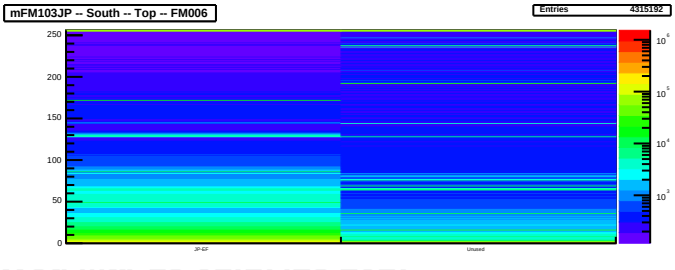
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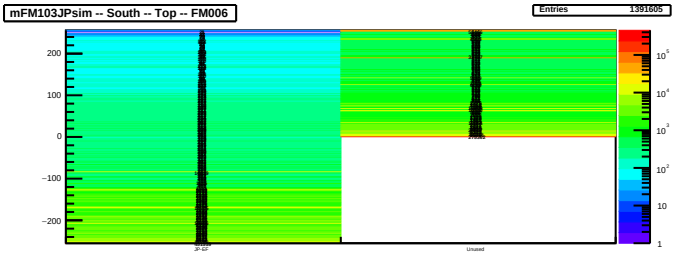
Entries 4315192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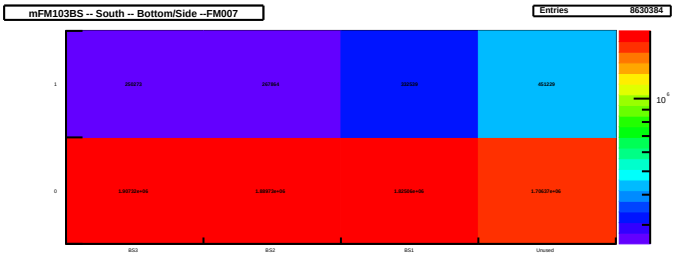
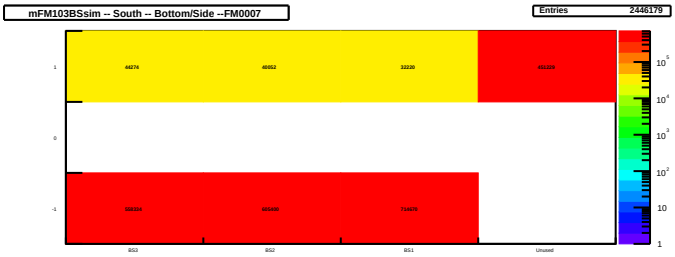

mFM103BS -- South -- Bottom/Side --FM007
Entries 8630384


mFM103BSsim -- South -- Bottom/Side --FM0007
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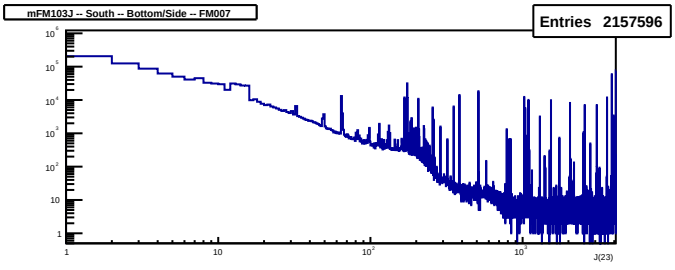
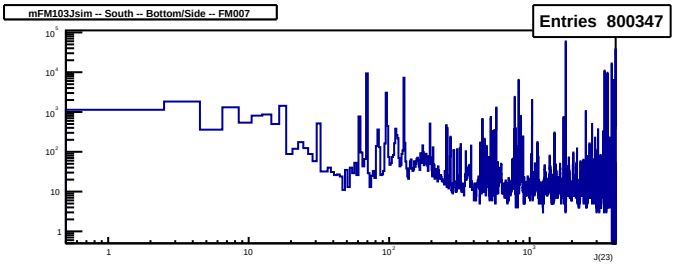

mFM103J -- South -- Bottom/Side -- FM007
Entries 2157596
J(23)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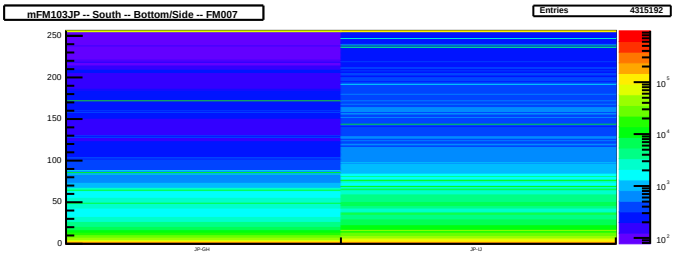
J(23)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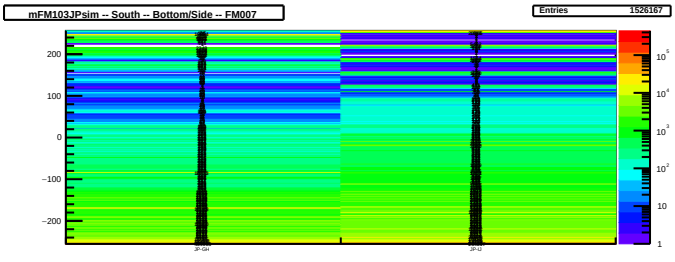
Entries 4315192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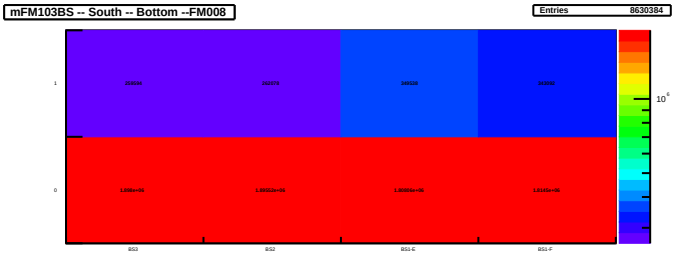
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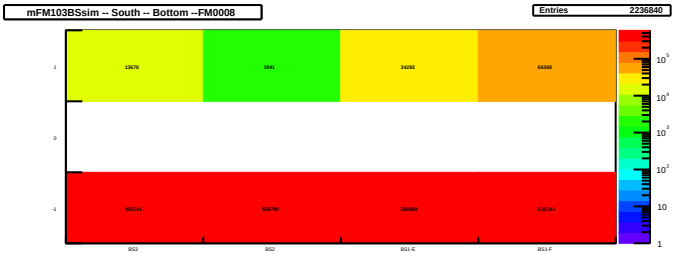
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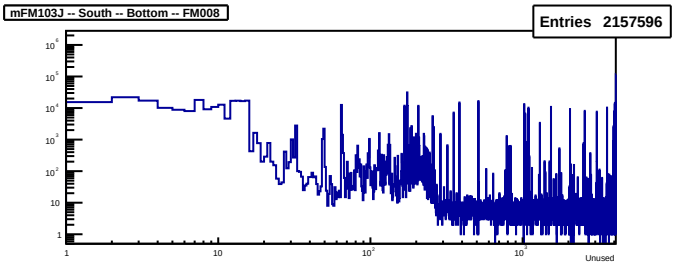
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Entries 2157596
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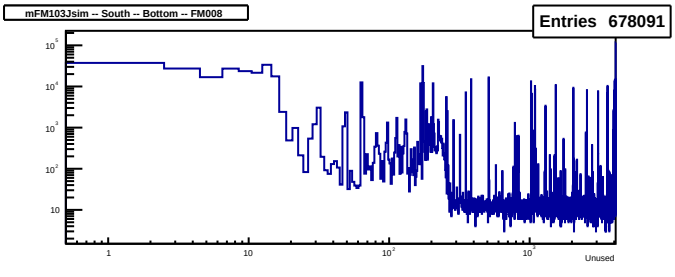
mFM103Jsim -- South -- Bottom -- FM008
Entries 678091
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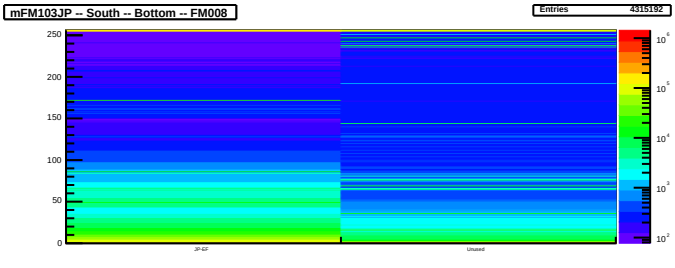
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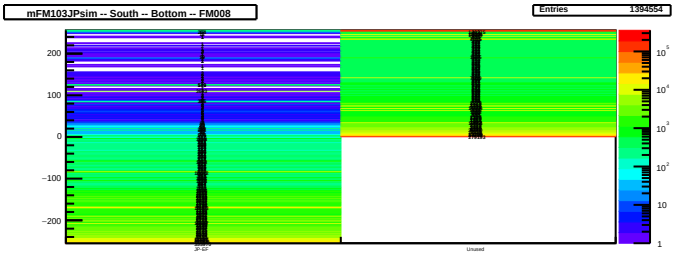
Entries 4315192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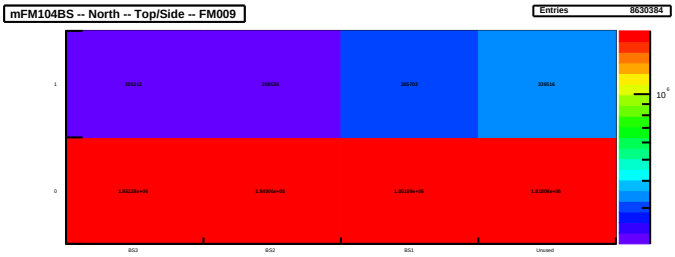
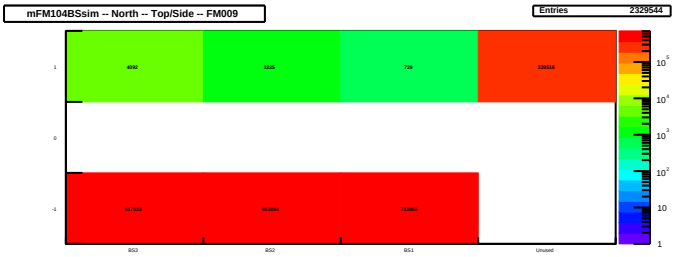
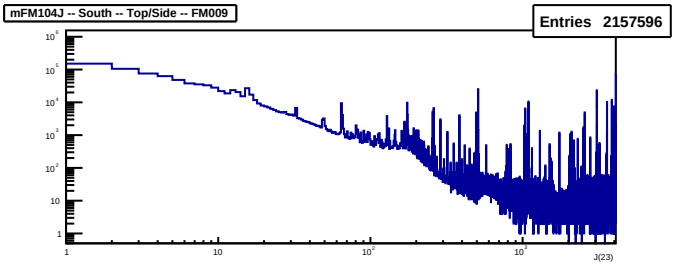
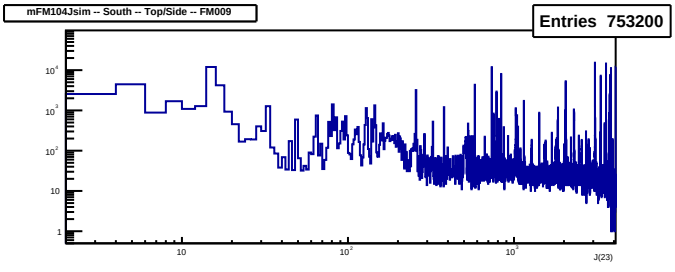
Entries 1394554


mFM104BS -- North -- Top/Side -- FM009
Entries 8630384


mFM104BSsim -- North -- Top/Side -- FM009
Entries 2329544


mFM104J -- South -- Top/Side -- FM009
Entries 2157596
J(23)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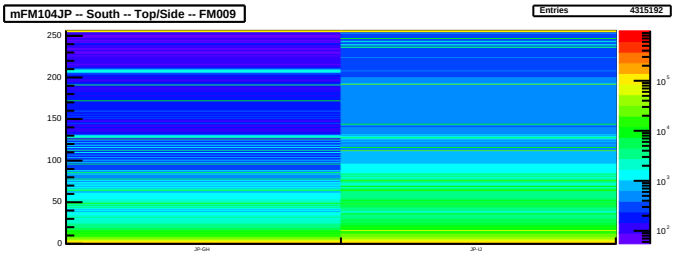
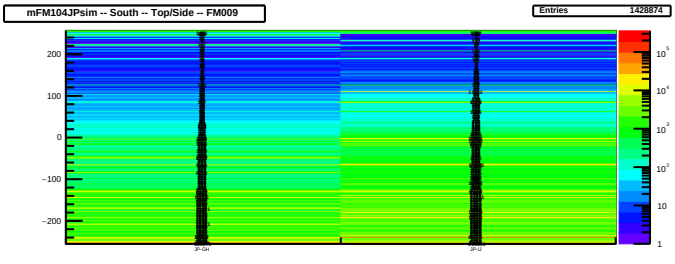
Entries 753200
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 4315192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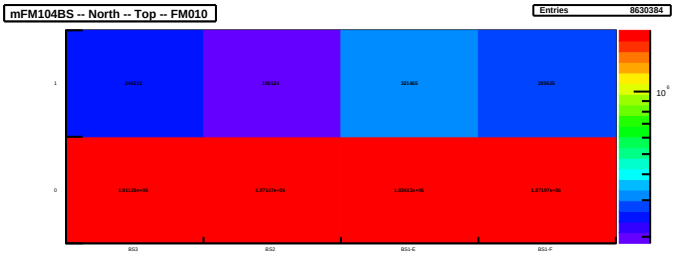
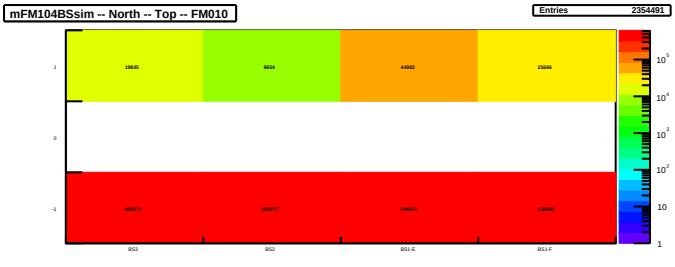
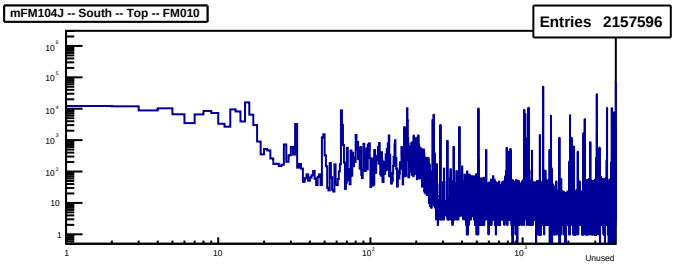
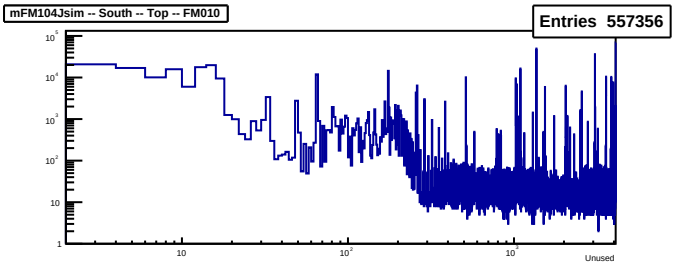
Entries 1428874


mFM104BS -- North -- Top -- FM010
Entries 8630384


mFM104BSsim -- North -- Top -- FM010
Entries 2354491


mFM104J -- South -- Top -- FM010
Entries 2157596
Unused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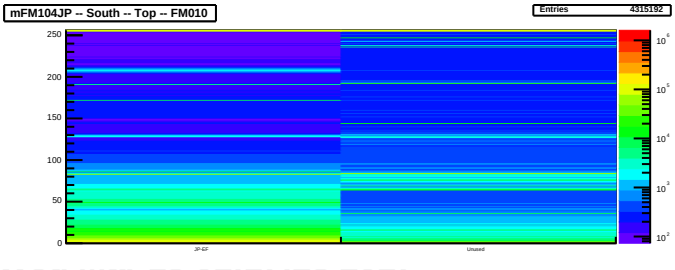
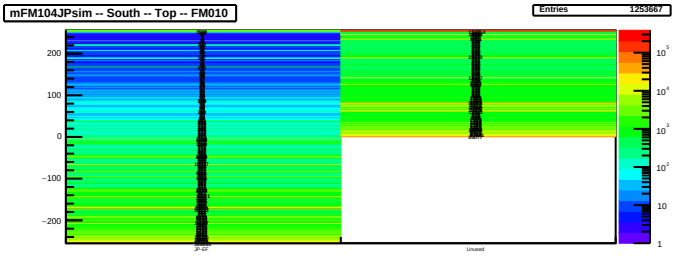
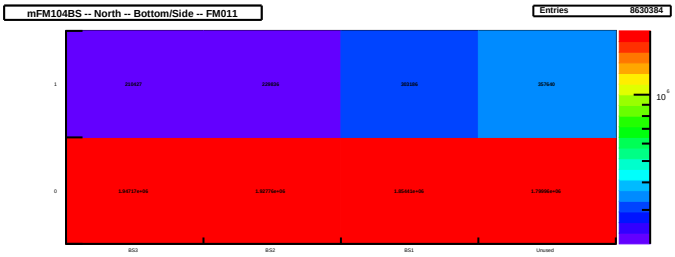
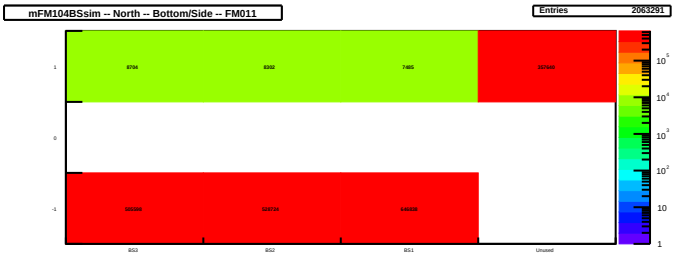
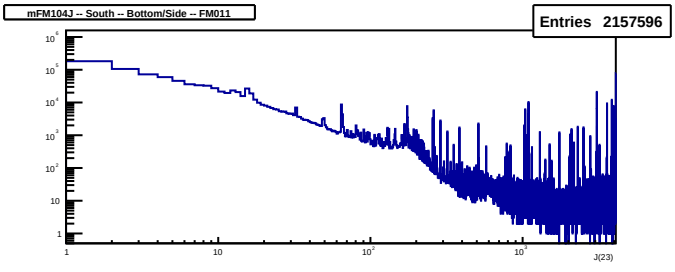
Entries 557356
Unused

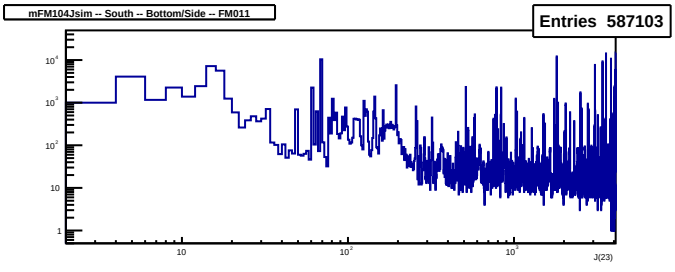

mFM104JP -- South -- Top -- FM010
Entries 4315192

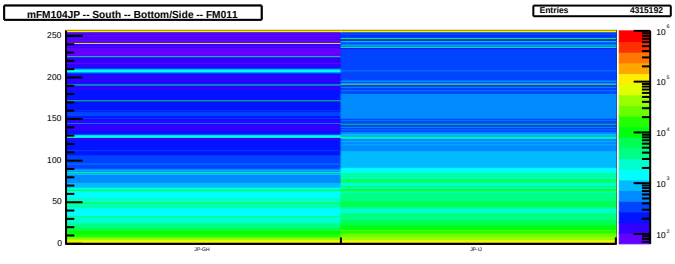

mFM104JPsim -- South -- Top -- FM010
Entries 1253667

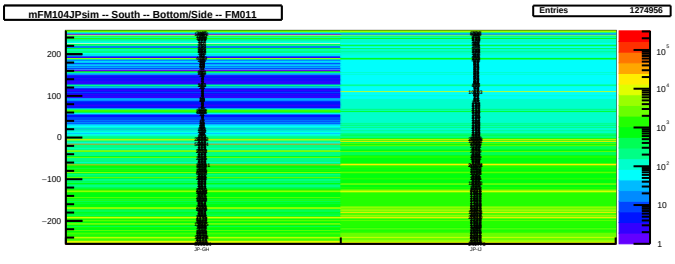

mFM104BS -- North -- Bottom/Side -- FM011
Entries 8630384


mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 2063291


mFM104J -- South -- Bottom/Side -- FM011
Entries 2157596
J(23)


mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 587103
J(23)


mFM104JP -- South -- Bottom/Side -- FM011
Entries 4315192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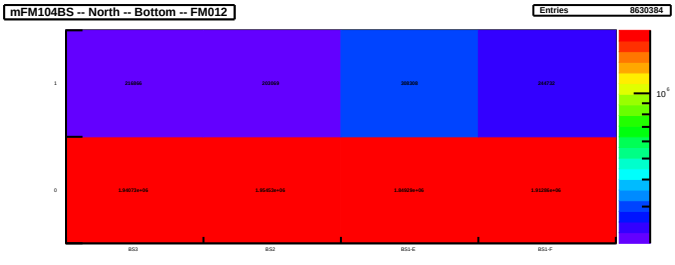
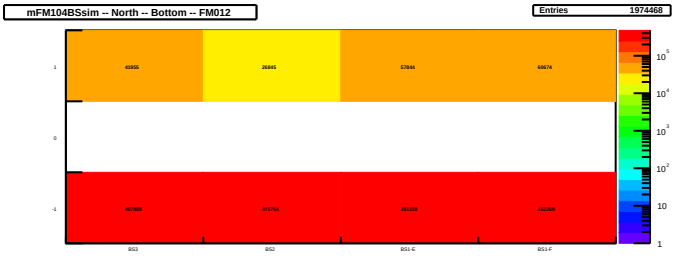
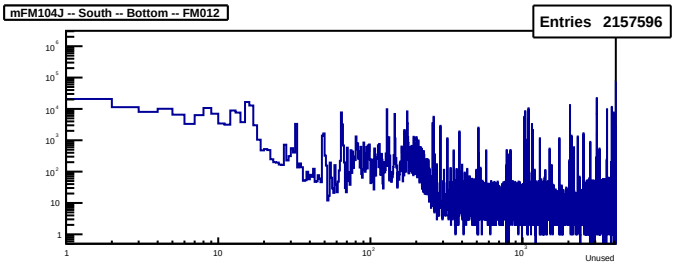
Entries 1274956


mFM104BS -- North -- Bottom -- FM012
Entries 8630384


mFM104BSsim -- North -- Bottom -- FM012
Entries 1974468


mFM104J -- South -- Bottom -- FM012
Entries 2157596
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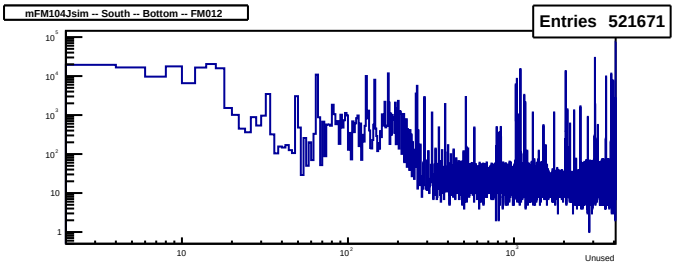
mFM104Jsim -- South -- Bottom -- FM012
Entries 521671
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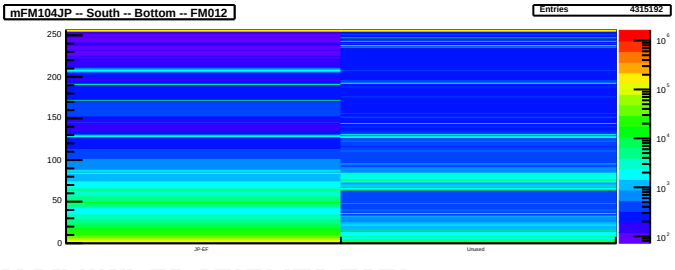
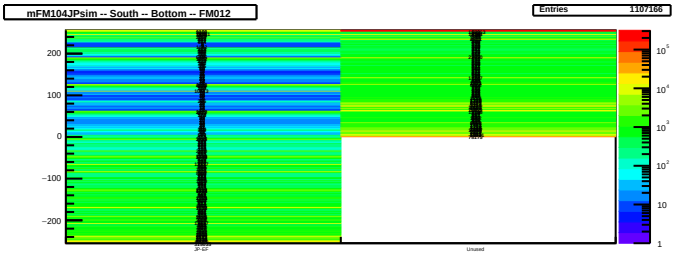
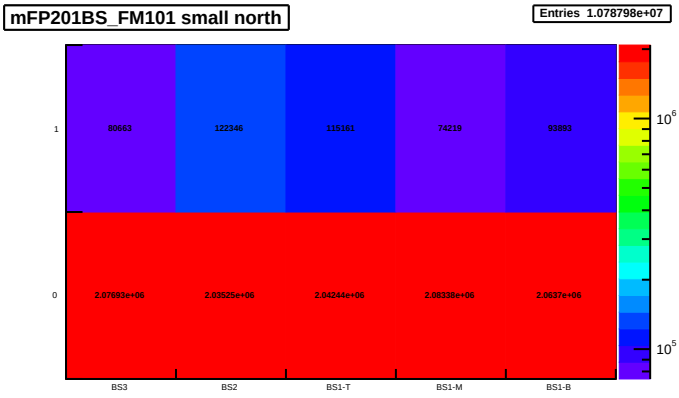
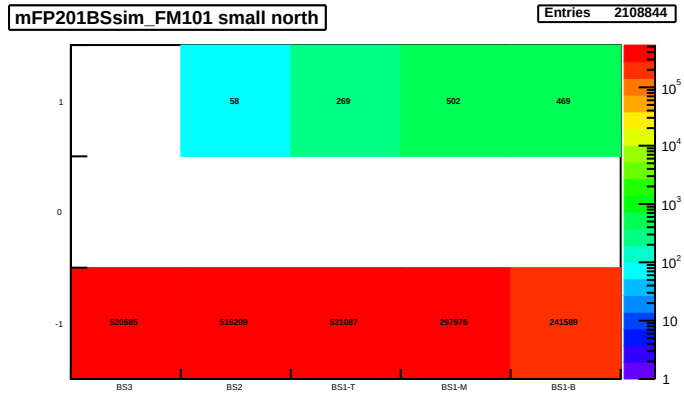
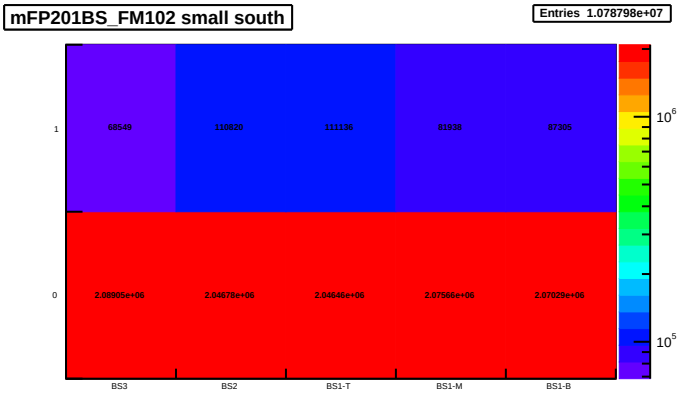
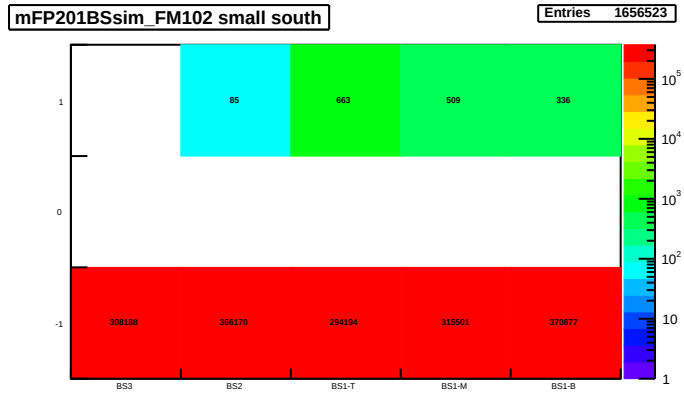

mFM104JP -- South -- Bottom -- FM012
Entries 4315192

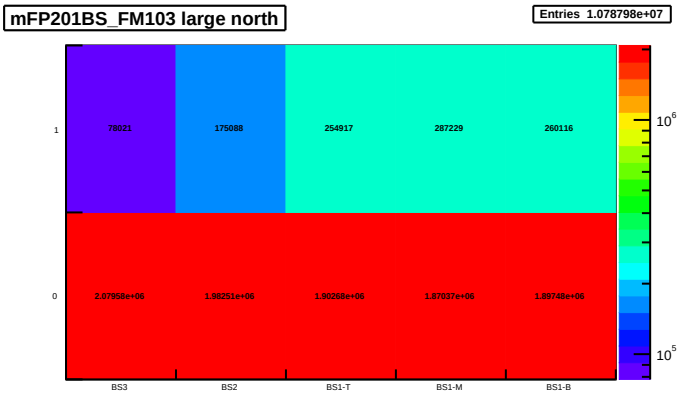

mFM104JPsim -- South -- Bottom -- FM012
Entries 1107166

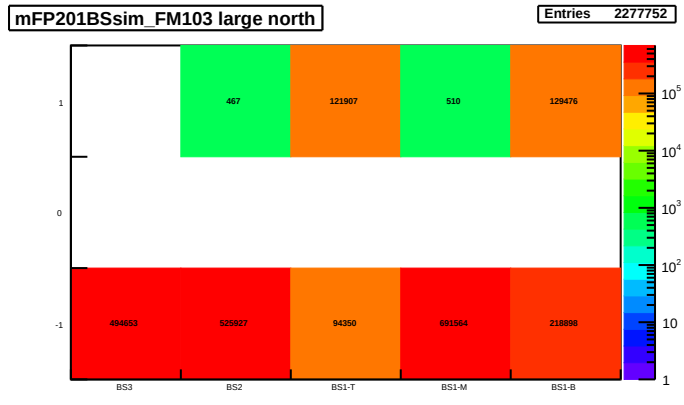

mFP201BS_FM101 small north
Entries 1.078798e+07
80663
122346
115161
74219
93893
2.07693e+06
2.03525e+06
2.04244e+06
2.08338e+06
2.0637e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

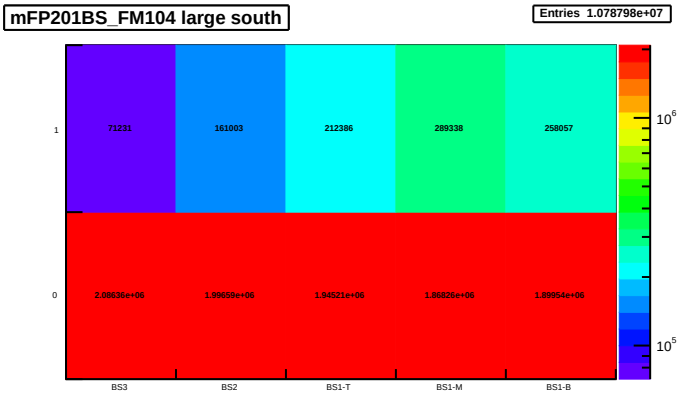

mFP201BSsim_FM101 small north
Entries 2108844
58
269
502
469
520685
516209
531087
297976
241589
BS3
BS2
BS1-T
BS1-M
BS1-B

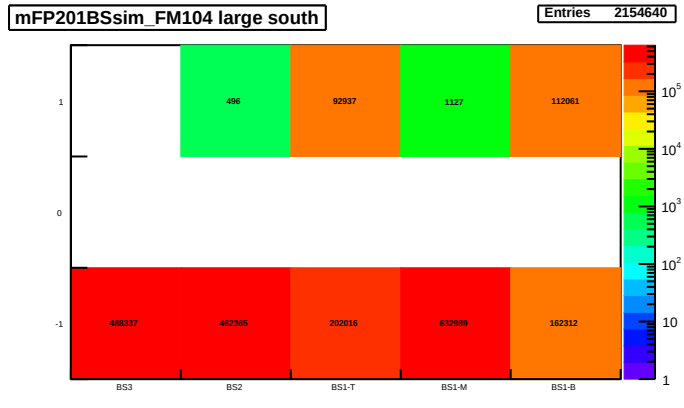

mFP201BS_FM102 small south
Entries 1.078798e+07
68549
110820
111136
81938
87305
2.08905e+06
2.04678e+06
2.04646e+06
2.07566e+06
2.07029e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

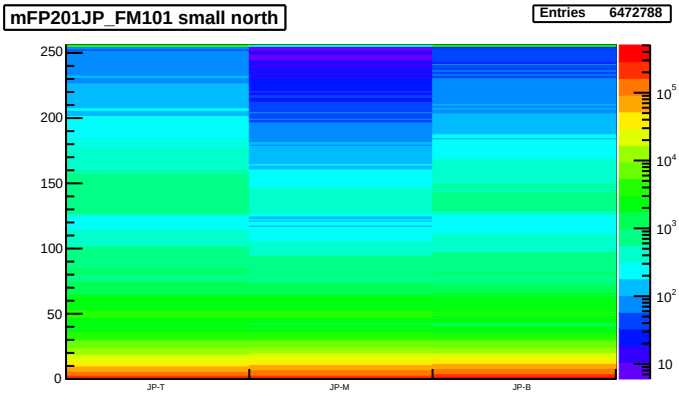

mFP201BSsim_FM102 small south
Entries 1656523
85
663
509
336
308188
366170
294194
315501
370877
BS3
BS2
BS1-T
BS1-M
BS1-B

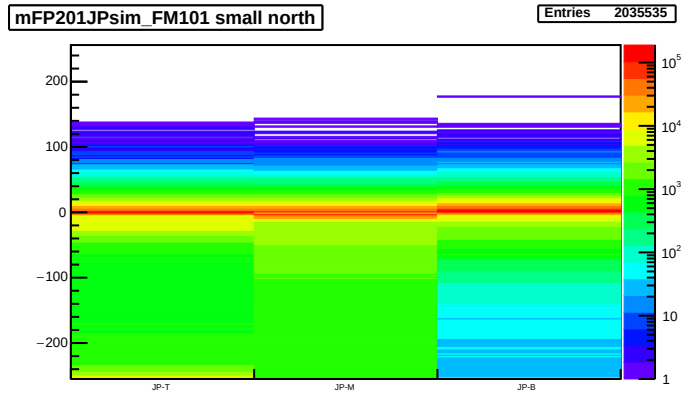

mFP201BS_FM103 large north
Entries 1.078798e+07
78021
175088
254917
287229
260116
2.07958e+06
1.98251e+06
1.90268e+06
1.87037e+06
1.89748e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

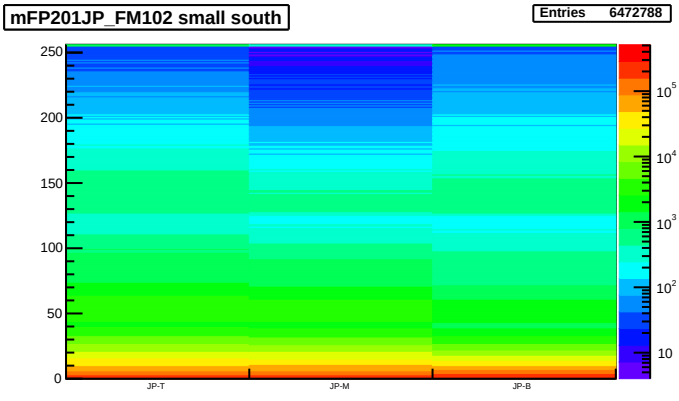

mFP201BSsim_FM103 large north
Entries 2277752
467
121907
510
129476
494653
525827
94350
691564
218898
BS3
BS2
BS1-T
BS1-M
BS1-B

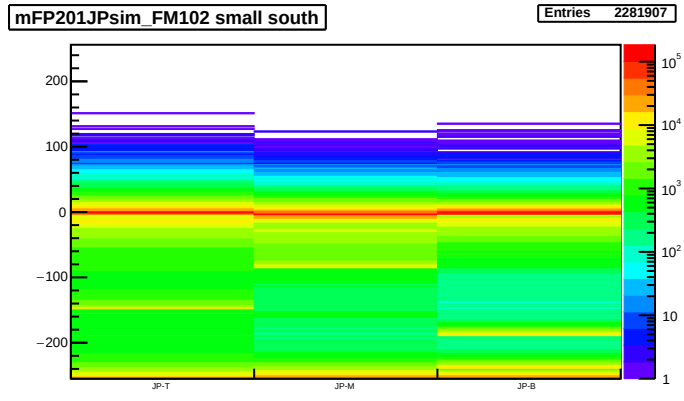

mFP201BS_FM104 large south
Entries 1.078798e+07
71231
161003
212386
289338
258057
2.08636e+06
1.99659e+06
1.94521e+06
1.86826e+06
1.89954e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

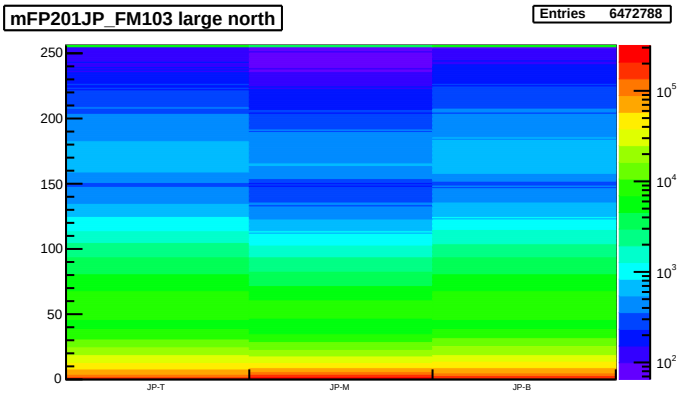

mFP201BSsim_FM104 large south
Entries 2154640
496
92937
1127
112061
488337
462365
202016
632989
162312
BS3
BS2
BS1-T
BS1-M
BS1-B

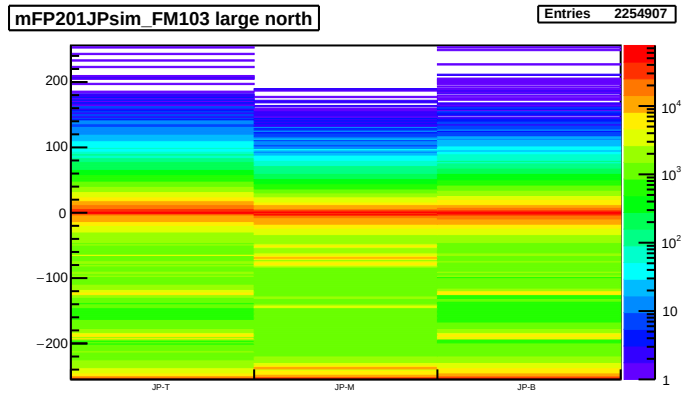

mFP201JP_FM101 small north
Entries 6472788
JP-T
JP-M
JP-B

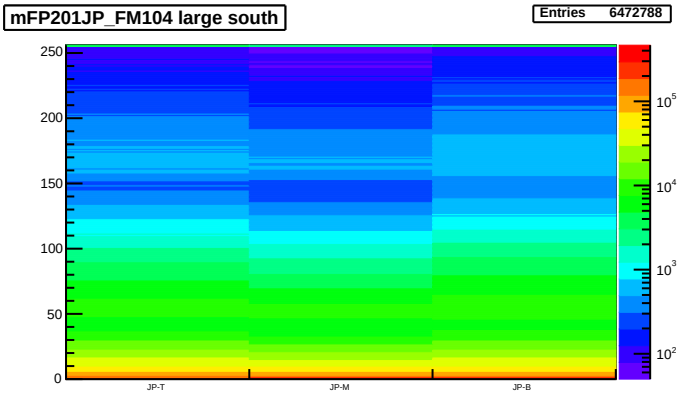

mFP201JPsim_FM101 small north
Entries 2035535
JP-T
JP-M
JP-B

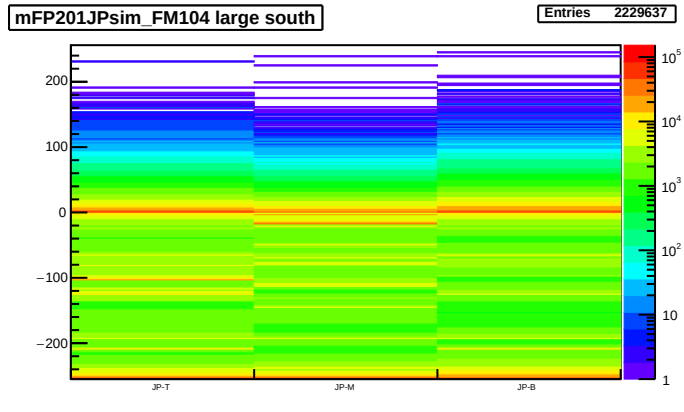

mFP201JP_FM102 small south
Entries 6472788
JP-T
JP-M
JP-B

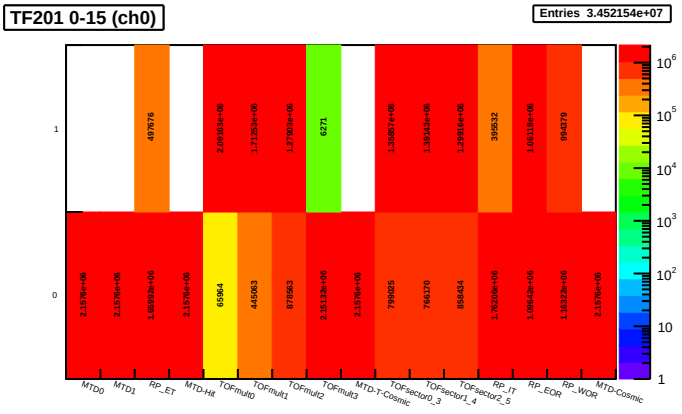

mFP201JPsim_FM102 small south
Entries 2281907
JP-T
JP-M
JP-B

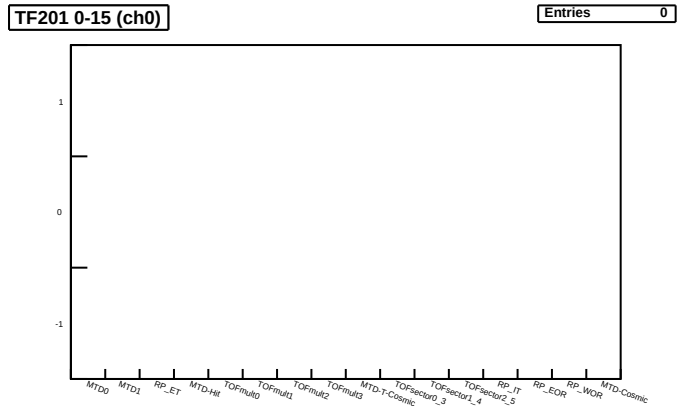

mFP201JP_FM103 large north
Entries 6472788
JP-T
JP-M
JP-B

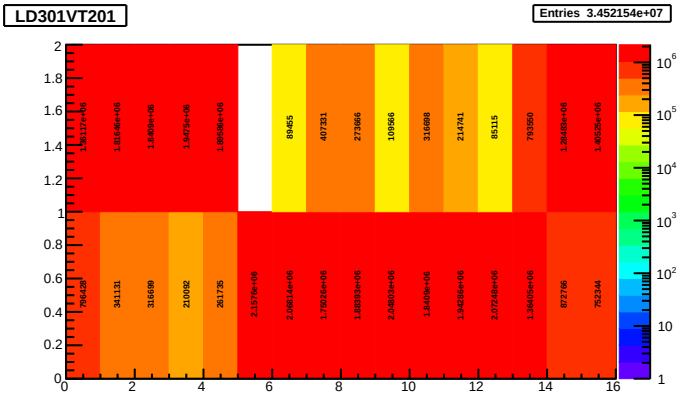

mFP201JPsim_FM103 large north
Entries 2254907
JP-T
JP-M
JP-B

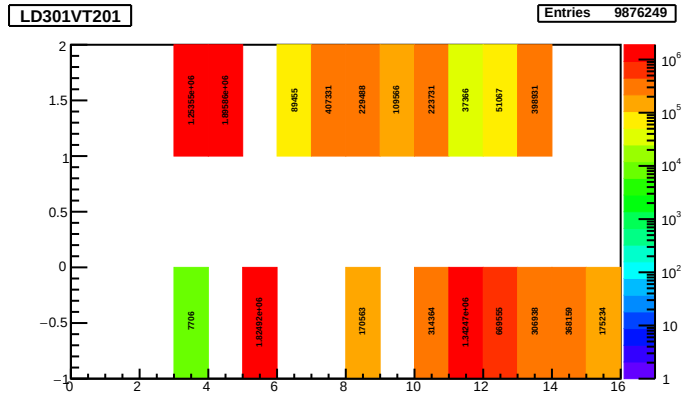

mFP201JP_FM104 large south
Entries 6472788
JP-T
JP-M
JP-B

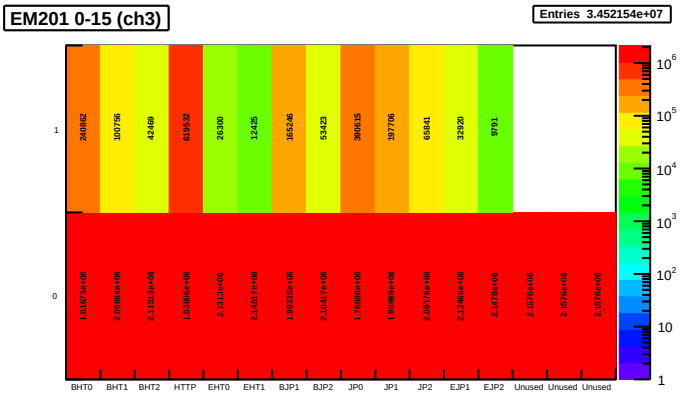

mFP201JPsim_FM104 large south
Entries 2229637
JP-T
JP-M
JP-B


TF201 0-15 (ch0)
Entries 3.452154e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic


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


LD301VT201
Entries 3.452154e+07


LD301VT201
Entries 9876249


EM201 0-15 (ch3)
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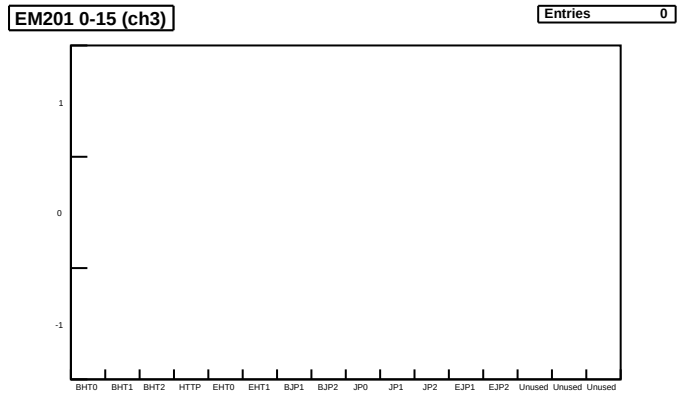
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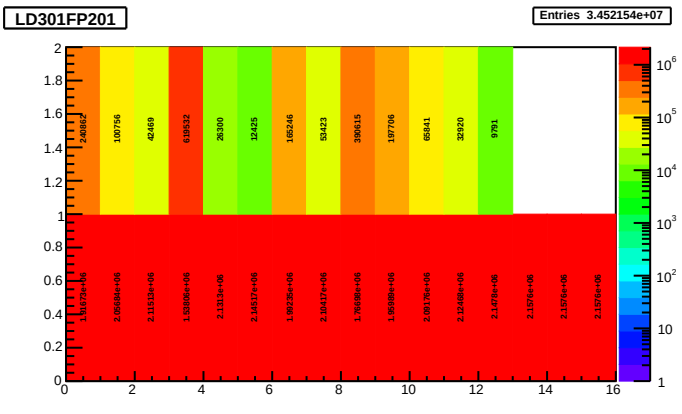
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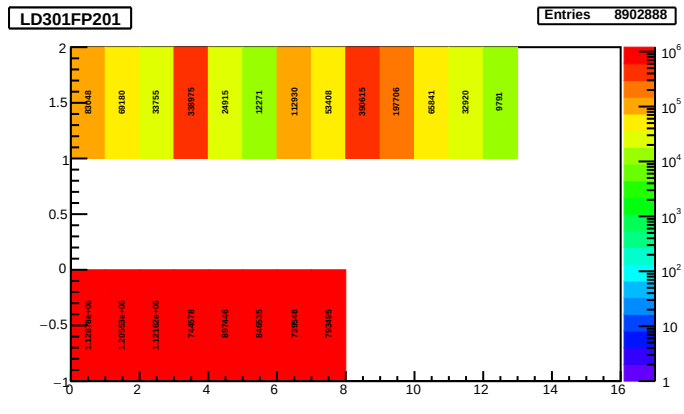
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