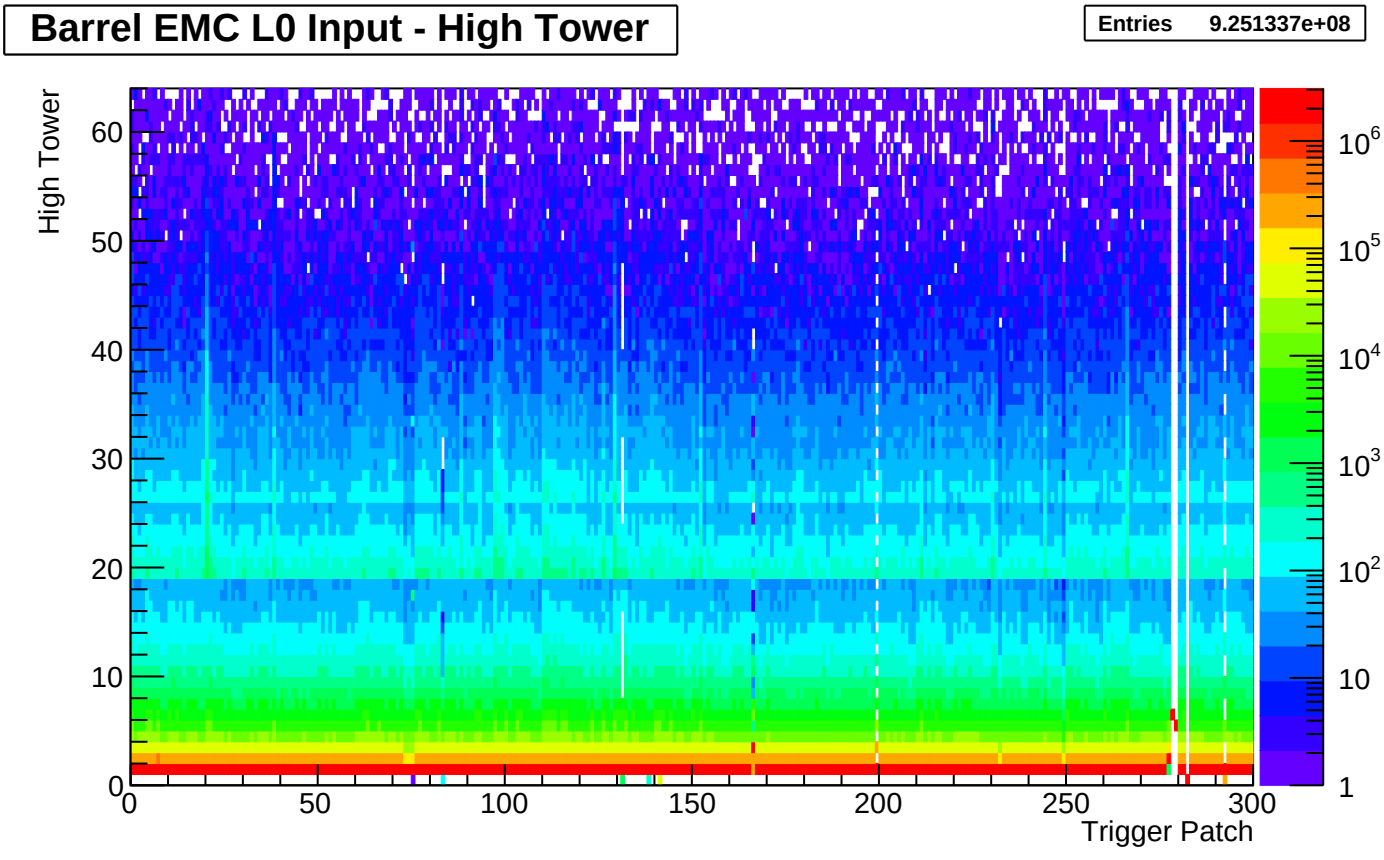
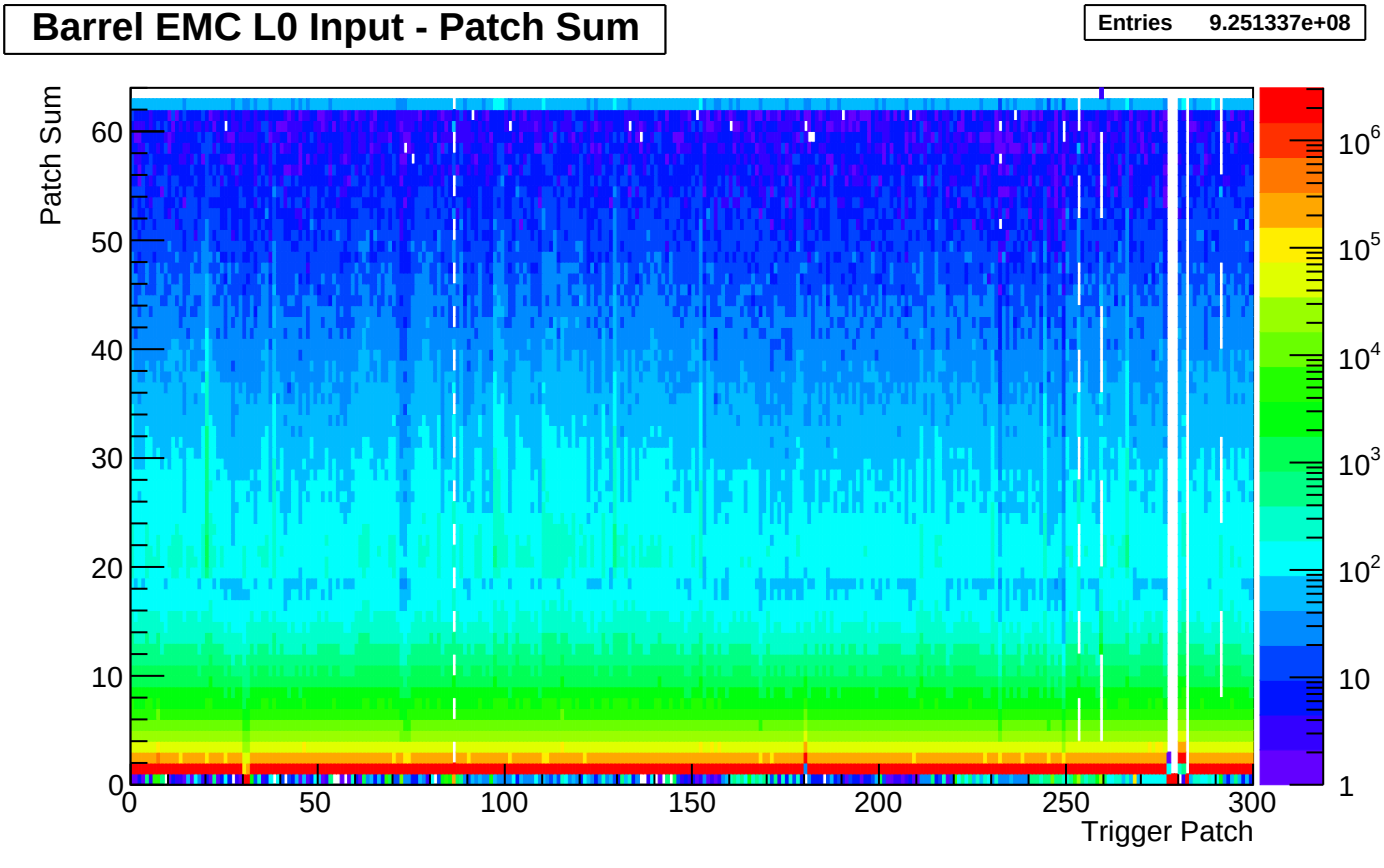
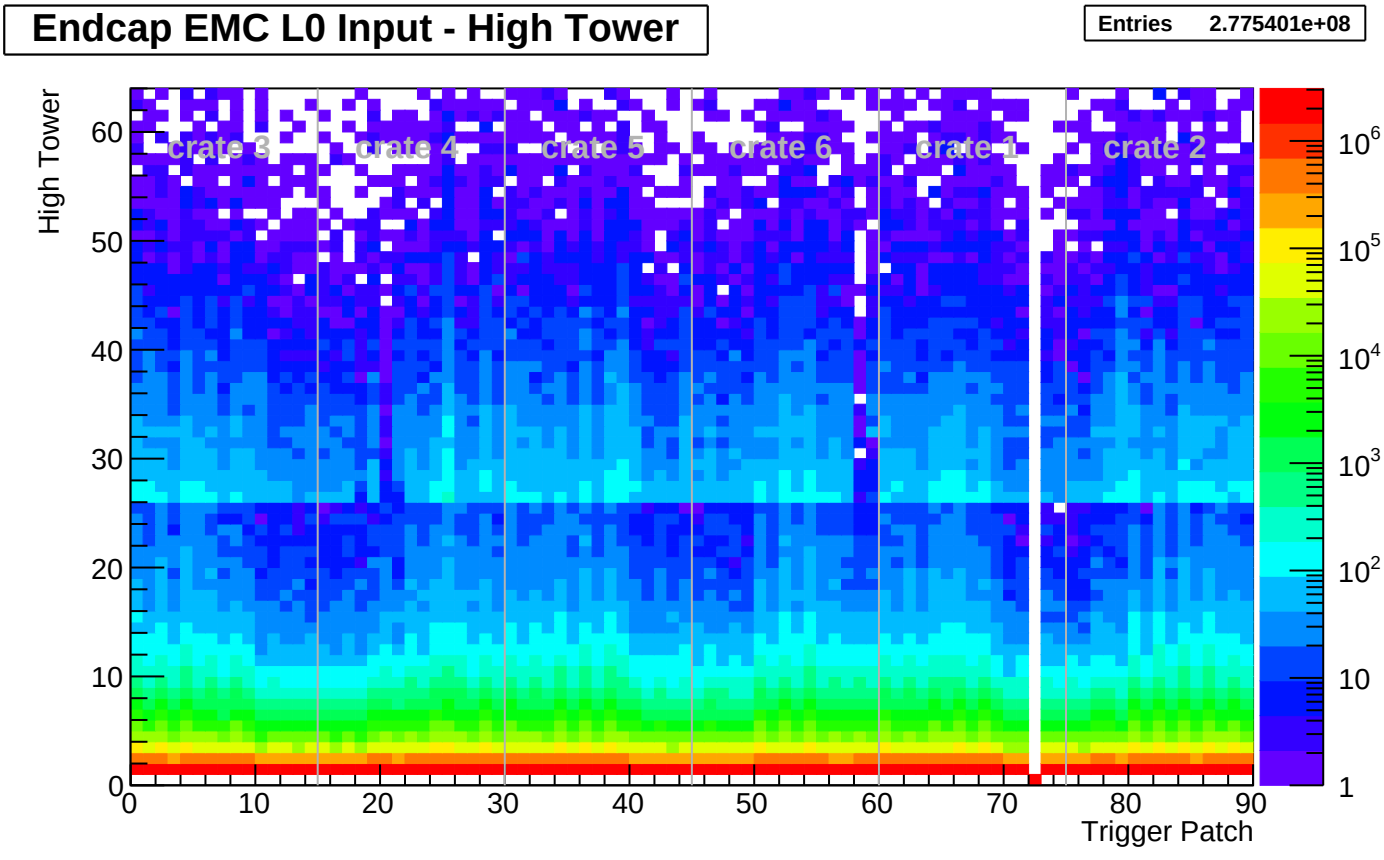
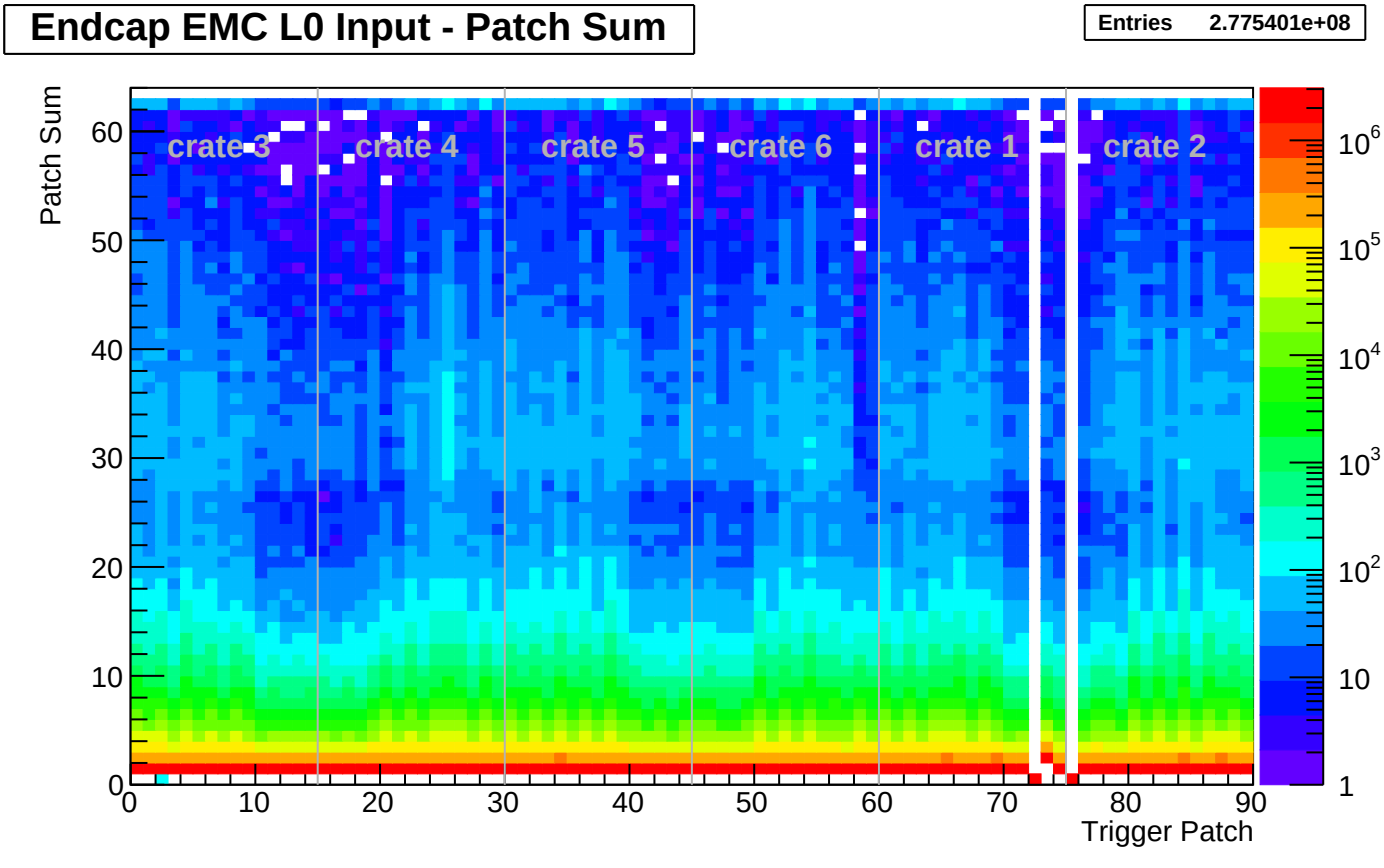
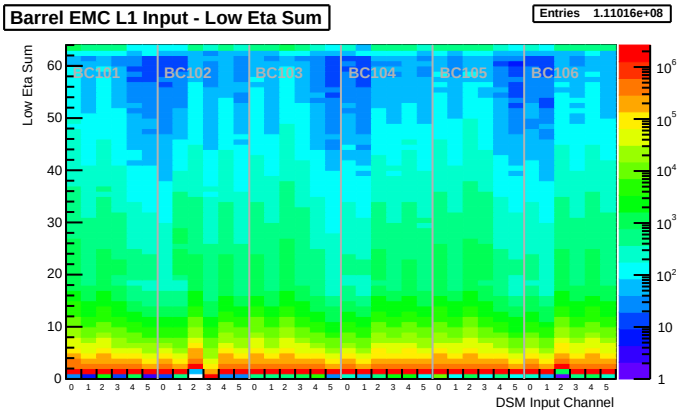
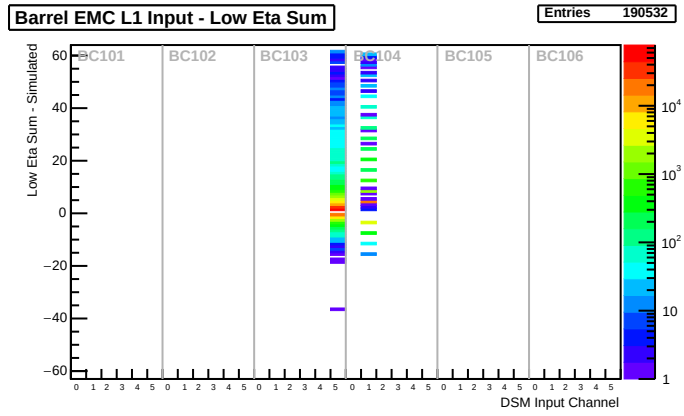

Barrel EMC L0 Input - High Tower
Entries 9.251337e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

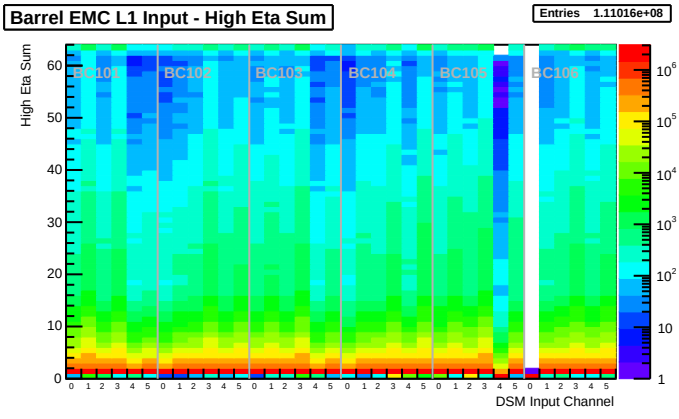

Barrel EMC L0 Input - Patch Sum
Entries 9.251337e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

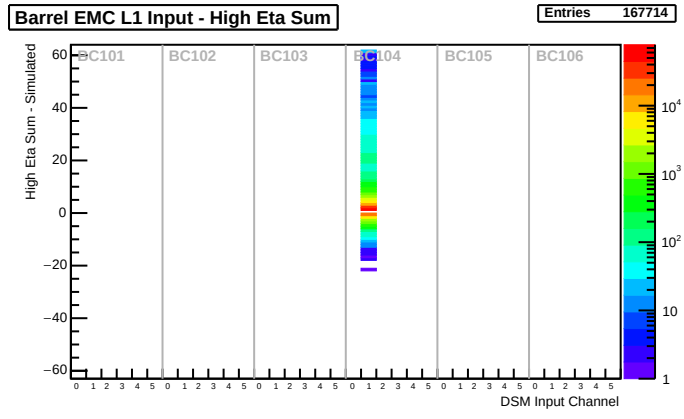

Endcap EMC L0 Input - High Tower
Entries 2.775401e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

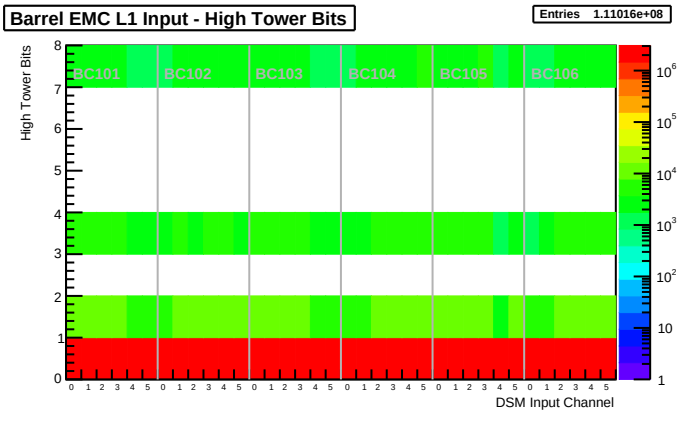

Endcap EMC L0 Input - Patch Sum
Entries 2.775401e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

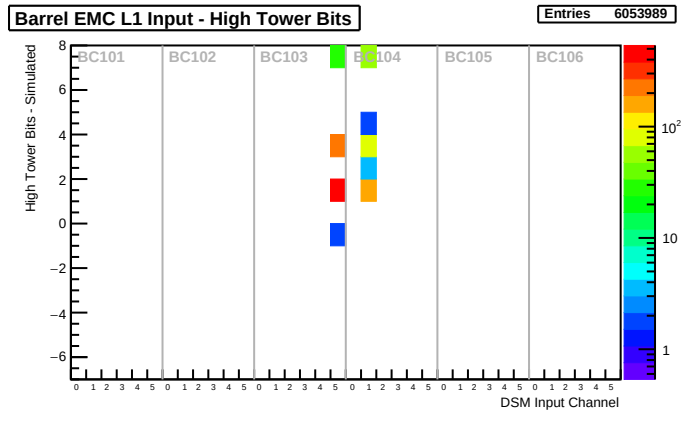

Barrel EMC L1 Input - Low Eta Sum
Entries 1.11016e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

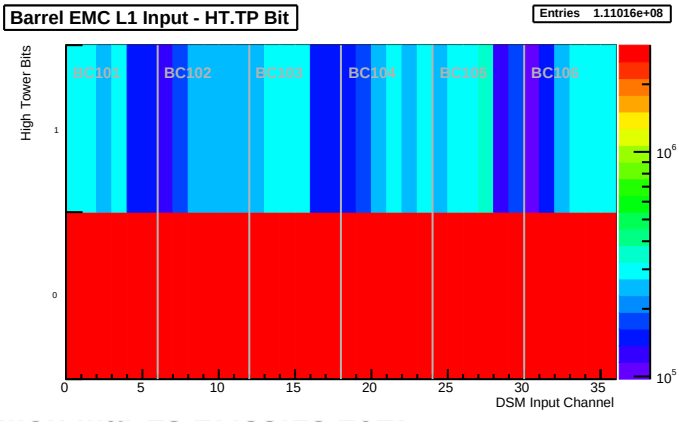

Barrel EMC L1 Input - Low Eta Sum
Entries 190532
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

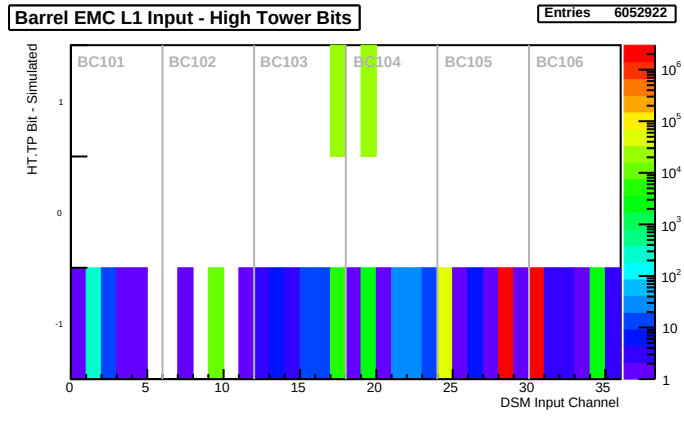

Barrel EMC L1 Input - High Eta Sum
Entries 1.11016e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

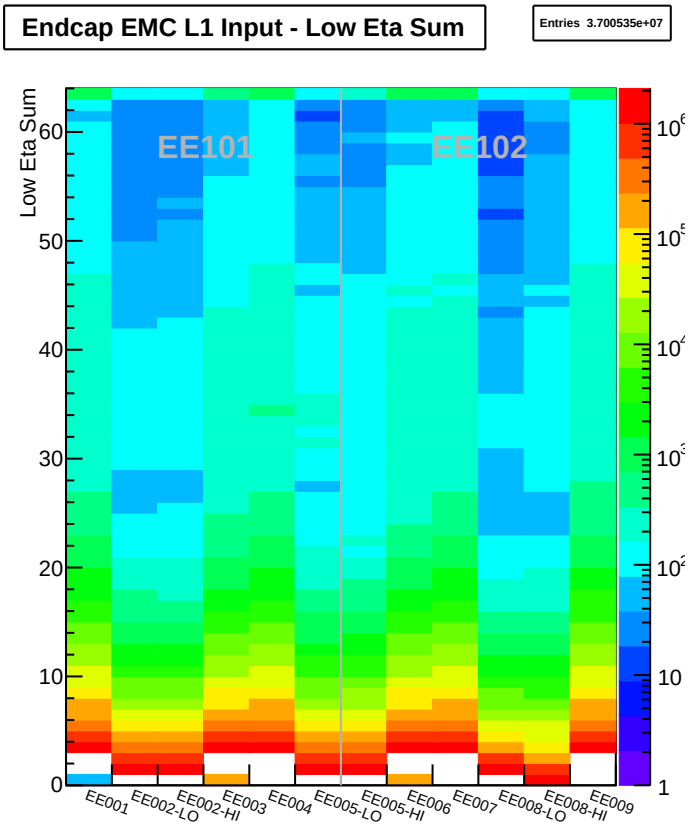

Barrel EMC L1 Input - High Eta Sum
Entries 167714
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

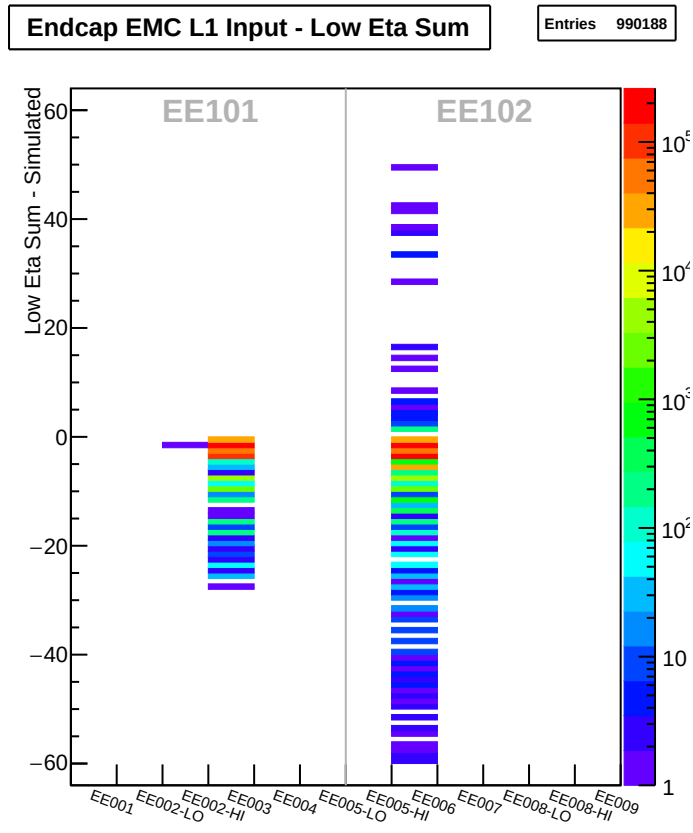

Barrel EMC L1 Input - High Tower Bits
Entries 1.11016e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

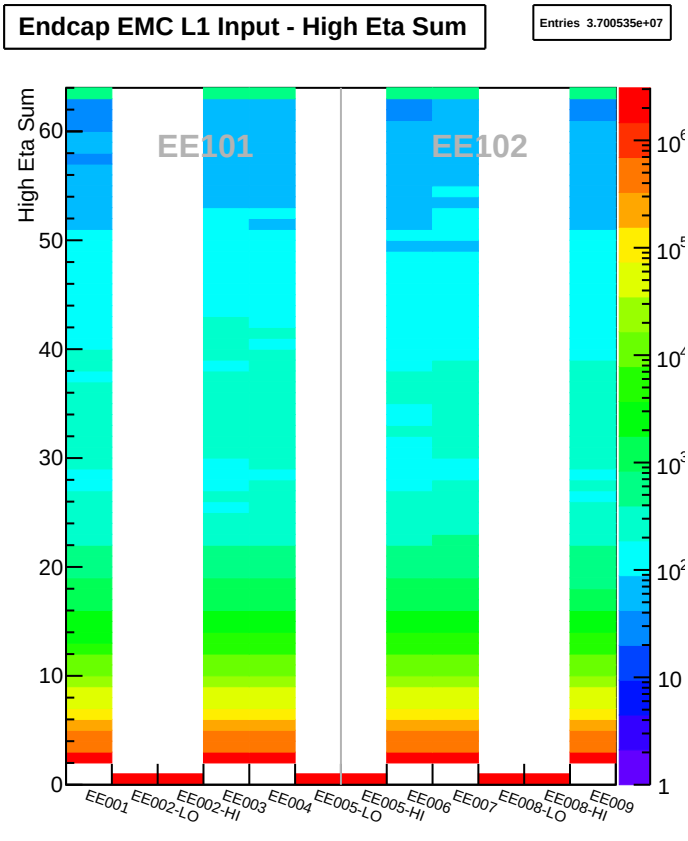

Barrel EMC L1 Input - High Tower Bits
Entries 6053989
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

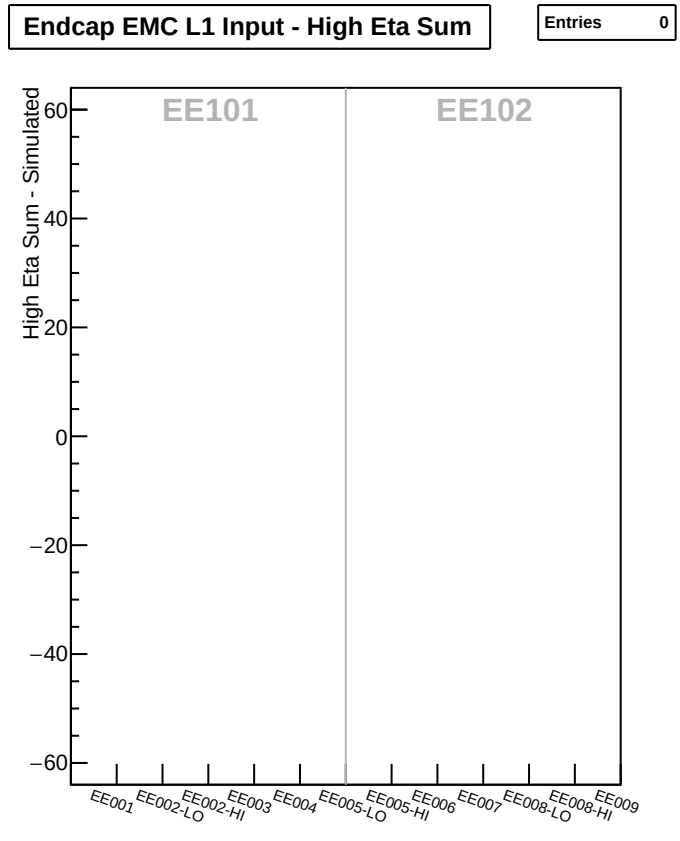

Barrel EMC L1 Input - HT.TP Bit
Entries 1.11016e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

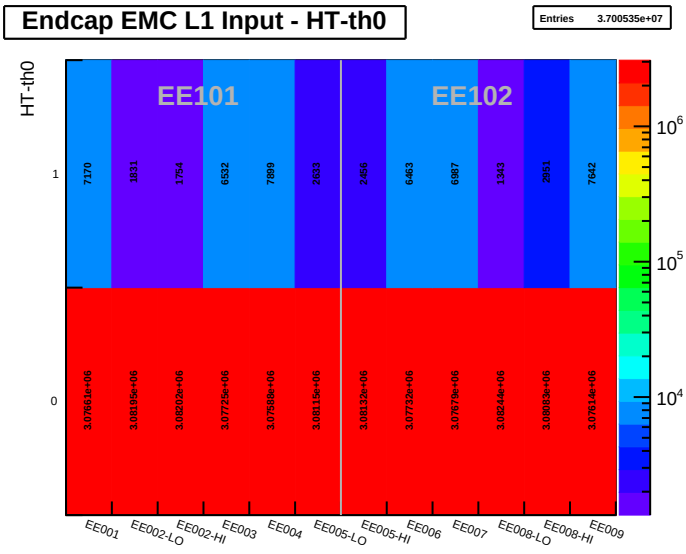

Barrel EMC L1 Input - High Tower Bits
Entries 6052922
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

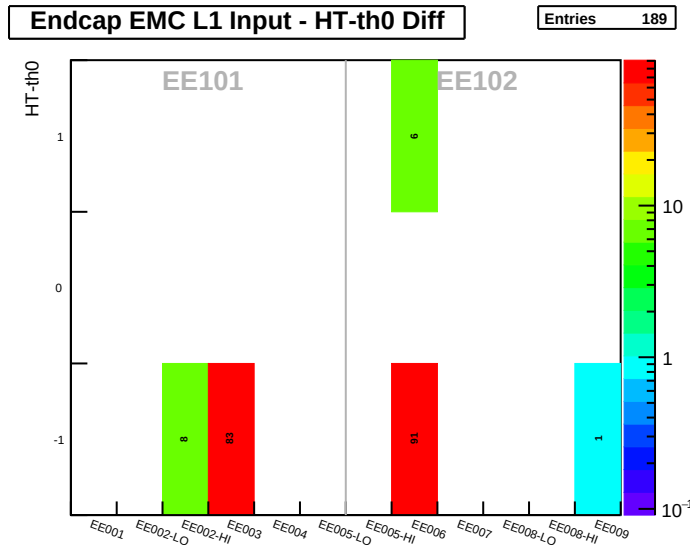

Endcap EMC L1 Input - Low Eta Sum
Entries 3.700535e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

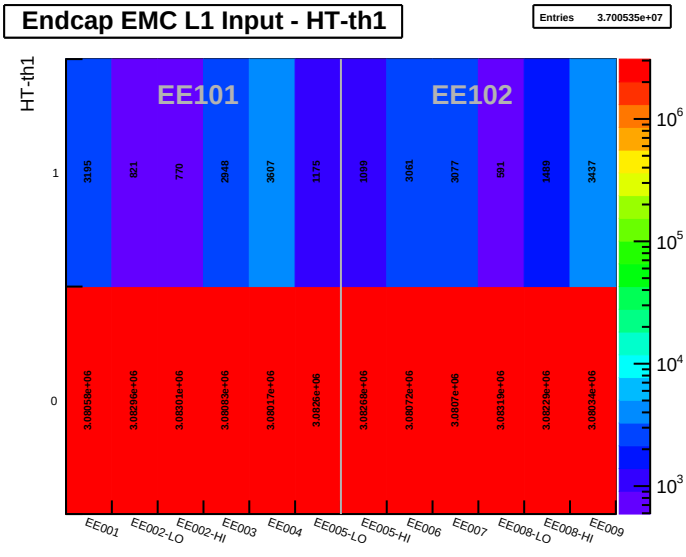

Endcap EMC L1 Input - Low Eta Sum
Entries 990188
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

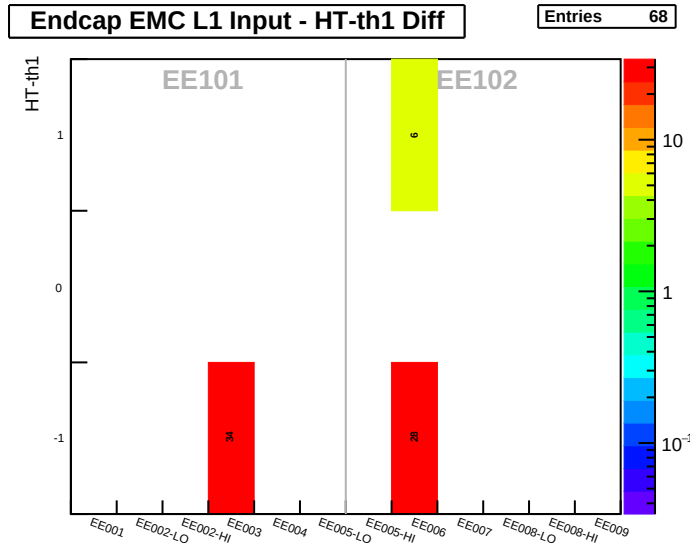

Endcap EMC L1 Input - High Eta Sum
Entries 3.700535e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

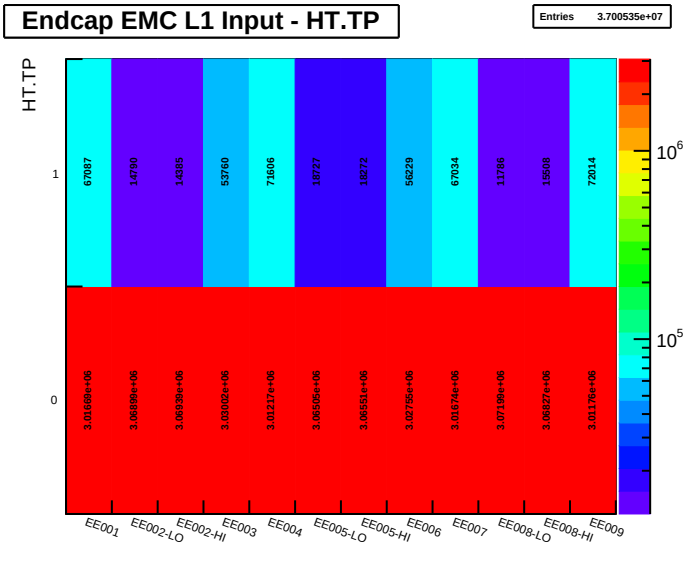

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

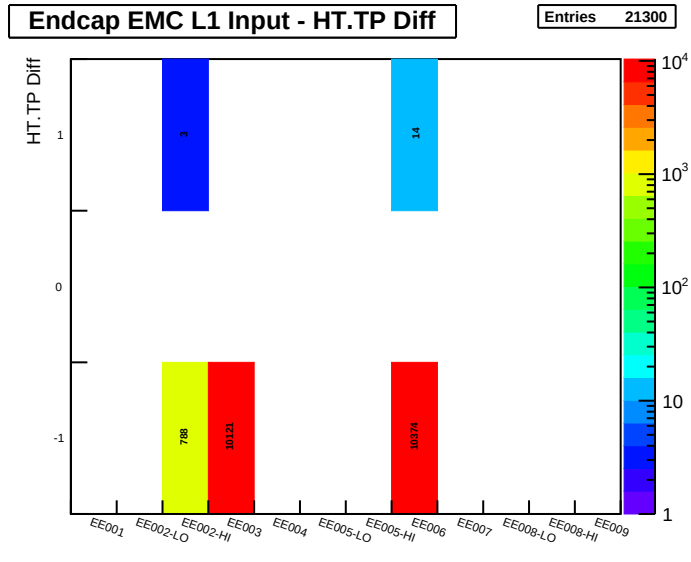

Endcap EMC L1 Input - HT-th0
Entries 3.700535e+07
HT-th0
EE101
EE102
7170 1831 1754 6532 7899 2633 2456 6463 6987 1343 2951 7642
3.07661e+06 3.08195e+06 3.08203e+06 3.07725e+06 3.07588e+06 3.08115e+06 3.08132e+06 3.07732e+06 3.07679e+06 3.08244e+06 3.08039e+06 3.07614e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

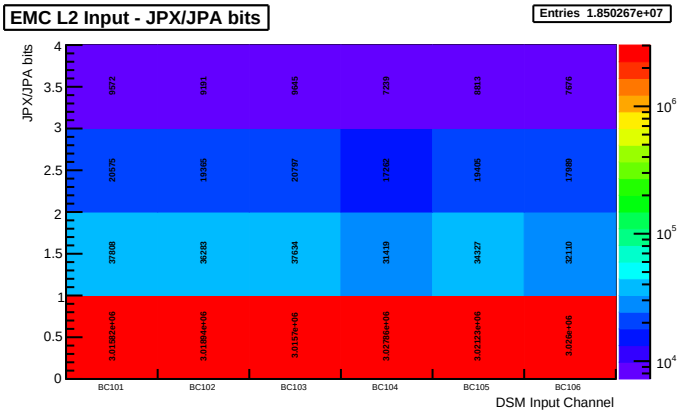

Endcap EMC L1 Input - HT-th0 Diff
Entries 189
HT-th0
EE101
EE102
6
8 83 91 1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

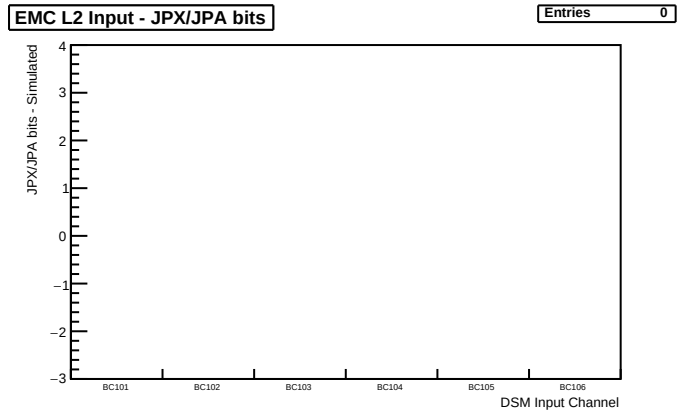

Endcap EMC L1 Input - HT-th1
Entries 3.700535e+07
HT-th1
EE101
EE102
3195 821 770 2948 3607 1175 1099 3061 3077 591 1489 3437
3.08058e+06 3.08296e+06 3.08301e+06 3.08083e+06 3.08017e+06 3.0826e+06 3.08268e+06 3.08072e+06 3.08087e+06 3.08319e+06 3.08229e+06 3.08034e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

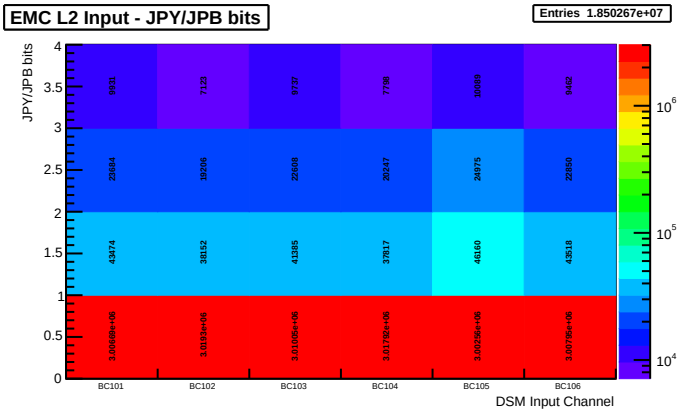

Endcap EMC L1 Input - HT-th1 Diff
Entries 68
HT-th1
EE101
EE102
6
34 28
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

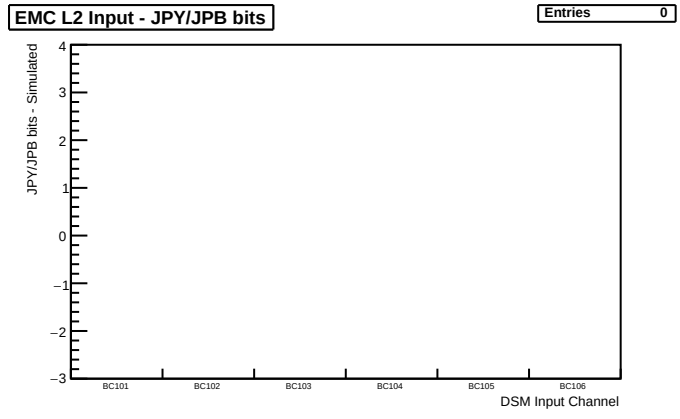

Endcap EMC L1 Input - HT.TP
Entries 3.700535e+07
HT.TP
67087 14790 14385 53760 71606 18727 18272 56229 67034 11786 15508 72014
3.01668e+06 3.06899e+05 3.06938e+06 3.03002e+06 3.01217e+06 3.06505e+05 3.06551e+06 3.02755e+06 3.01674e+05 3.07198e+06 3.06827e+06 3.01176e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

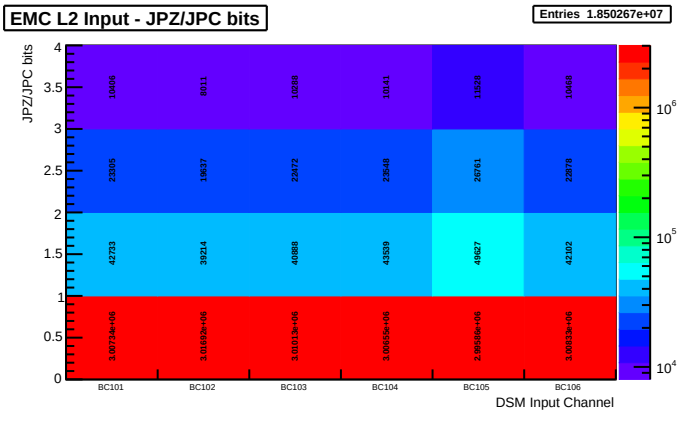

Endcap EMC L1 Input - HT.TP Diff
Entries 21300
HT.TP Diff
3
14
788 10121 10374
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

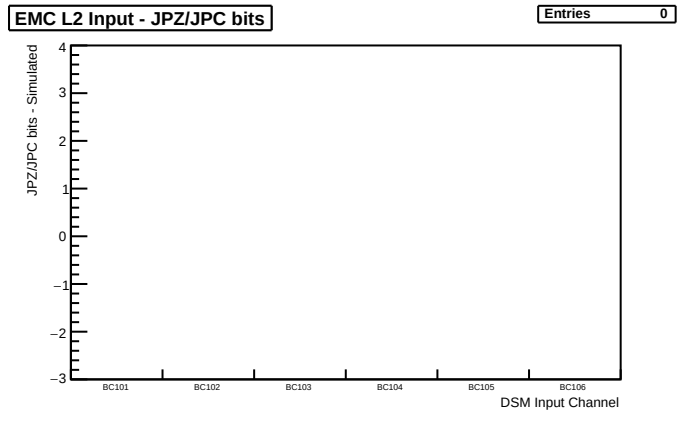

EMC L2 Input - JPX/JPA bits
Entries 1.850267e+07
JPX/JPA bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106
9572 9131 9645 7229 8813 7676
20575 19365 20797 17262 19405 17989
37808 36283 37634 31419 34327 32110
3.01932e+06 3.01884e+06 3.01576e+06 3.02786e+06 3.02123e+06 3.028e+06

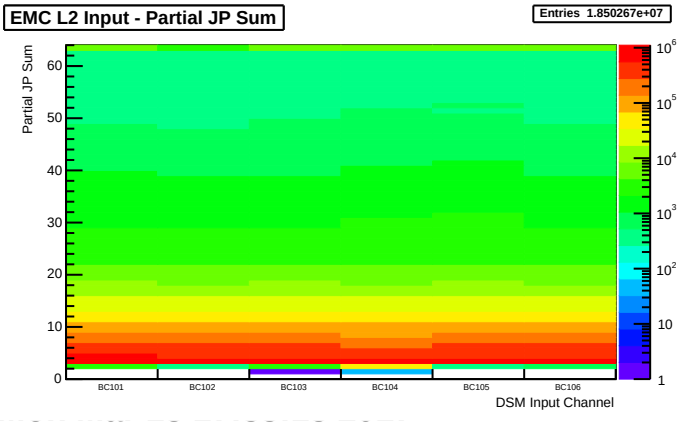

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106

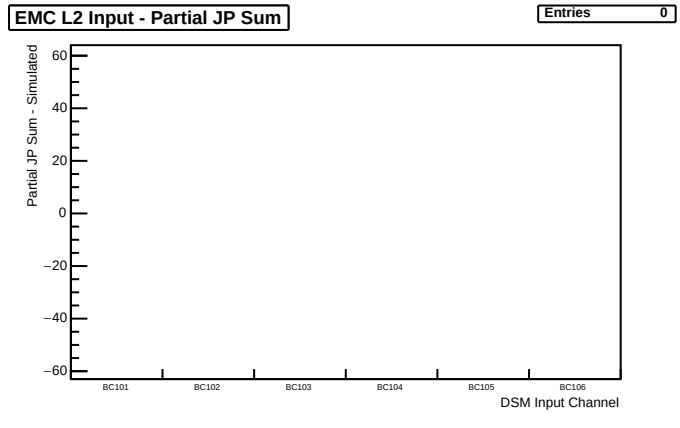

EMC L2 Input - JPY/JPB bits
Entries 1.850267e+07
JPY/JPB bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106
8931 7125 9737 7798 10689 9462
23684 19206 22608 20247 24975 22850
43474 38152 41385 37817 46160 43518
3.00468e+06 3.0193e+06 3.01065e+06 3.01792e+06 3.00256e+06 3.00795e+06

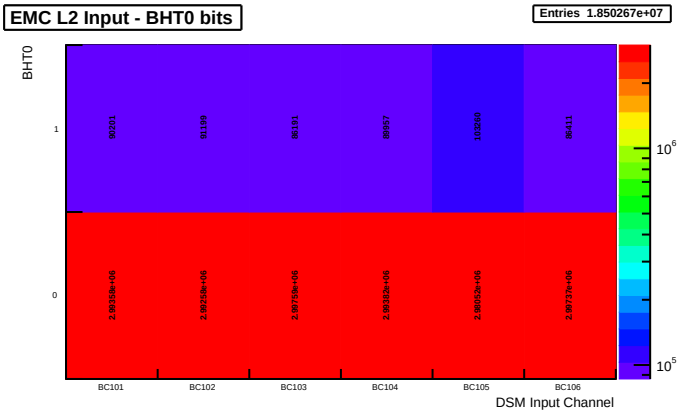

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106

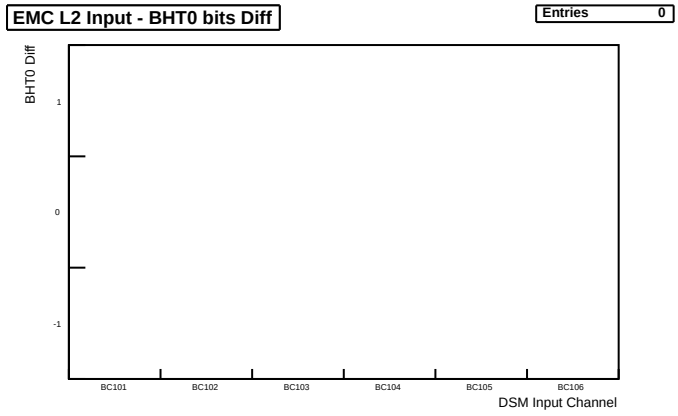

EMC L2 Input - JPZ/JPC bits
Entries 1.850267e+07
JPZ/JPC bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106
10406 8011 10638 10141 11528 10468
23305 19637 22472 23548 26761 23878
42733 39214 40888 43539 49627 42102
3.00734e+06 3.01692e+06 3.01013e+06 3.00655e+06 2.9998e+06 3.00833e+06

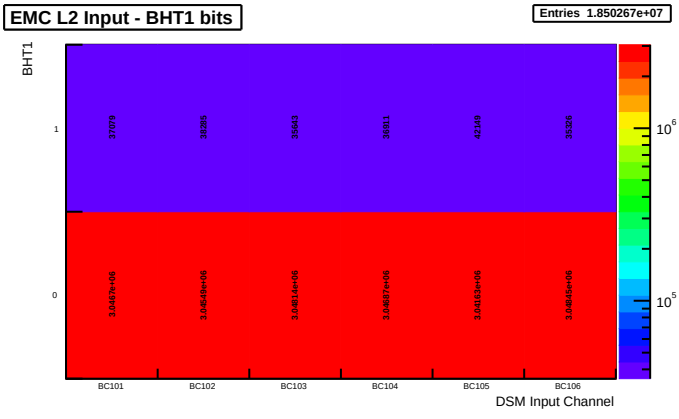

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106

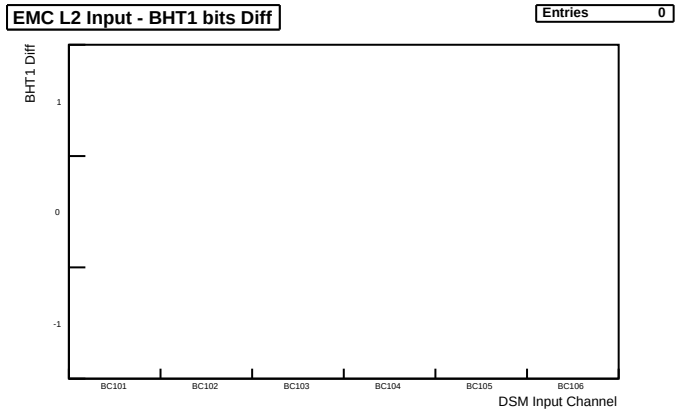

EMC L2 Input - Partial JP Sum
Entries 1.850267e+07
Partial JP Sum
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106

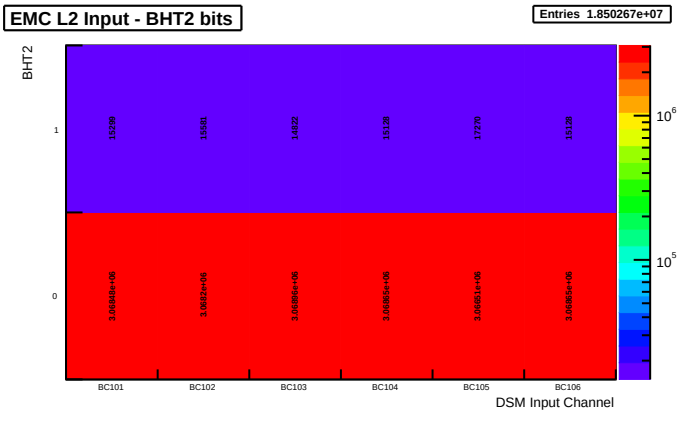

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106

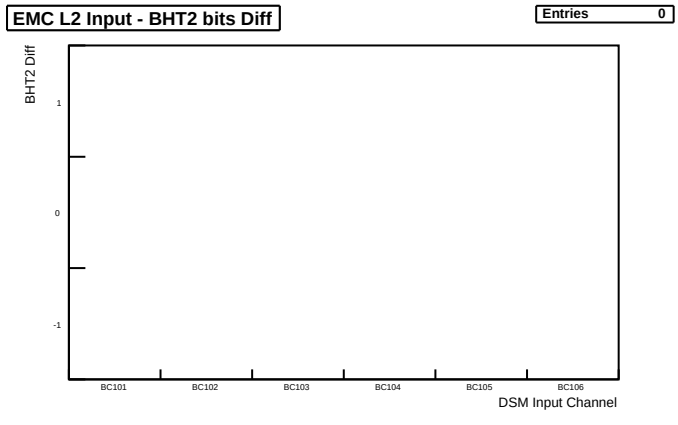

EMC L2 Input - BHT0 bits
Entries 1.850267e+07
BHT0
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

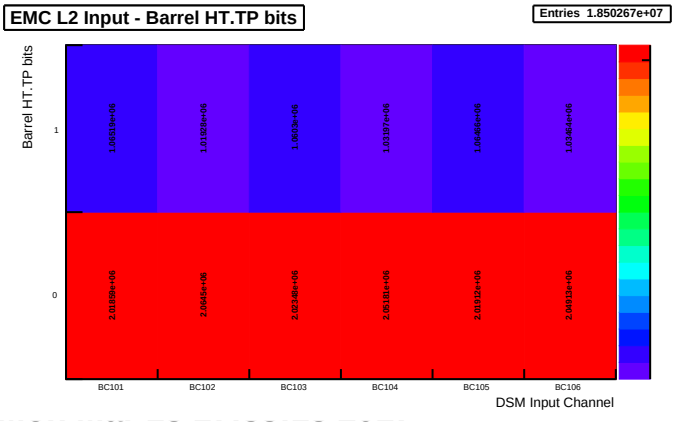

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

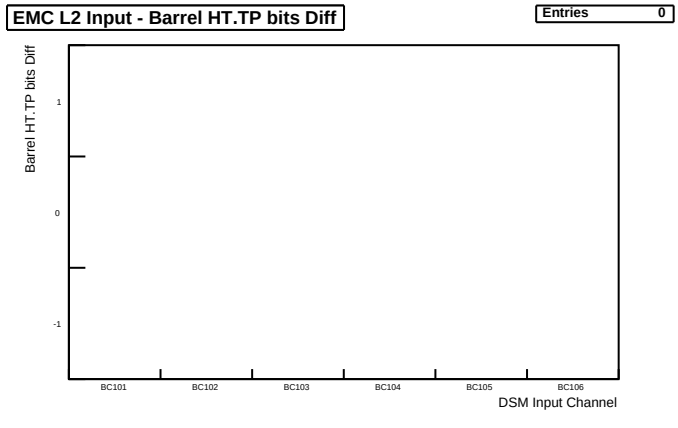

EMC L2 Input - BHT1 bits
Entries 1.850267e+07
BHT1
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

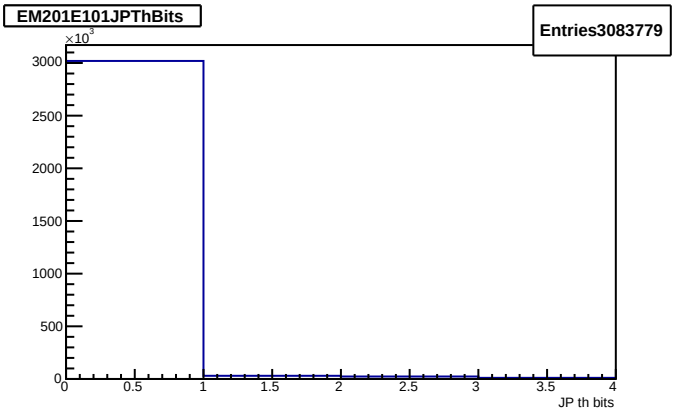

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

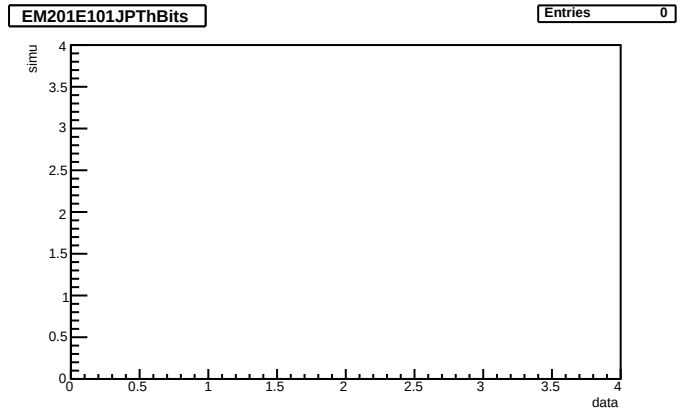

EMC L2 Input - BHT2 bits
Entries 1.850267e+07
BHT2
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

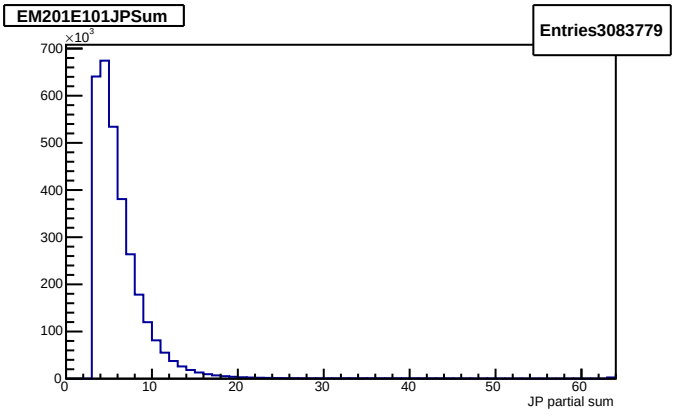

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

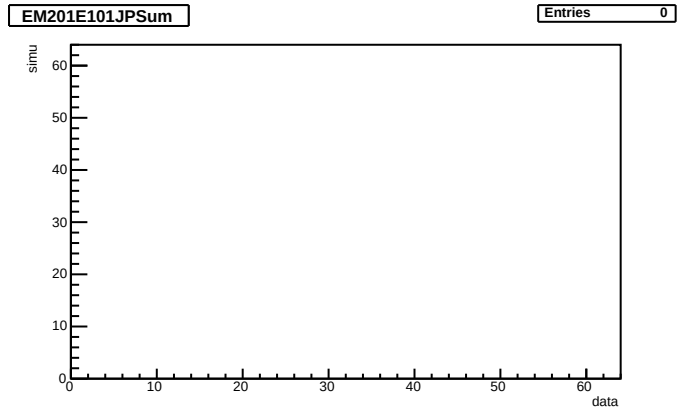

EMC L2 Input - Barrel HT.TP bits
Entries 1.850267e+07
Barrel HT.TP bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

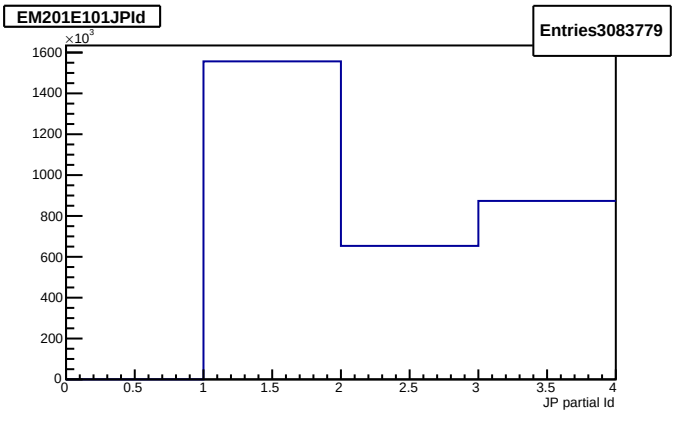

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

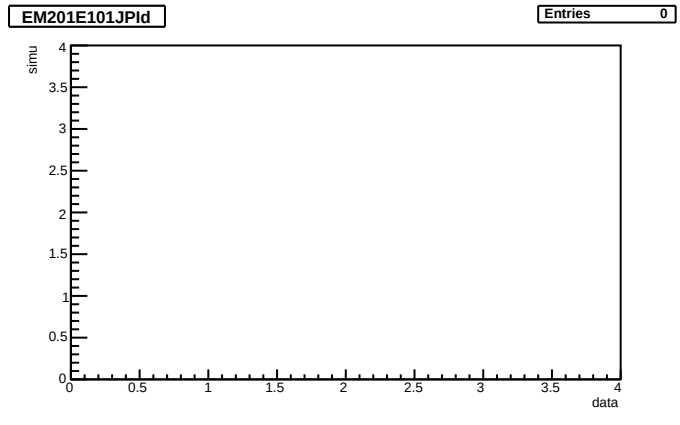

EM201E101JPThBits
Entries3083779
×10^3
JP th bits

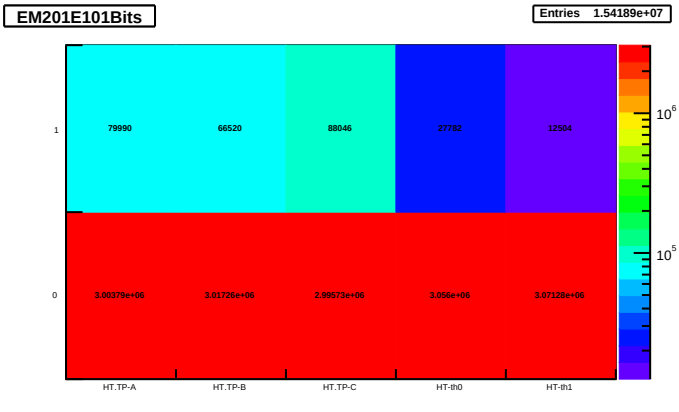

EM201E101JPThBits
Entries 0
simu
data

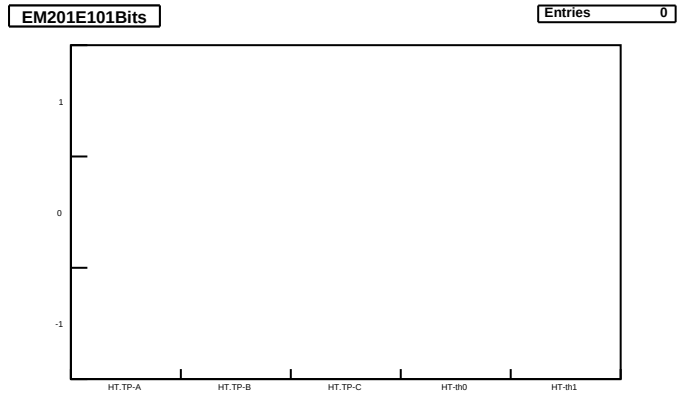

EM201E101JPSum
Entries3083779
×10^3
JP partial sum

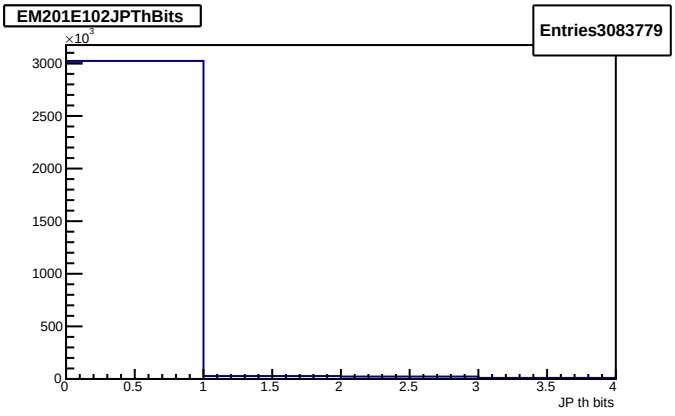

EM201E101JPSum
Entries 0
simu
data

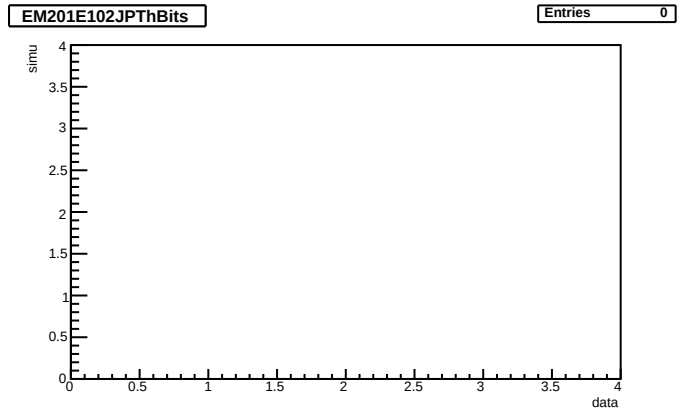

EM201E101JPId
Entries3083779
×10^3
JP partial Id

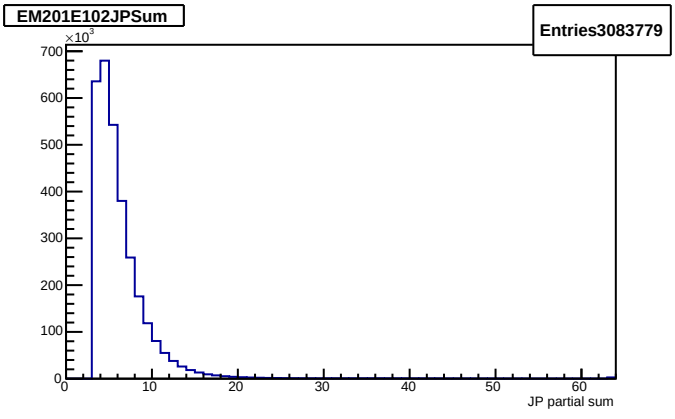

EM201E101JPId
Entries 0
simu
data

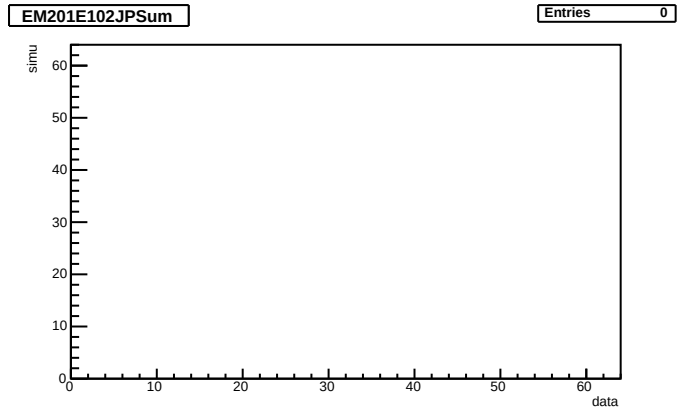

EM201E101Bits
Entries 1.54189e+07
79990
66520
88046
27782
12504
3.00379e+06
3.01726e+06
2.99573e+06
3.056e+06
3.07128e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

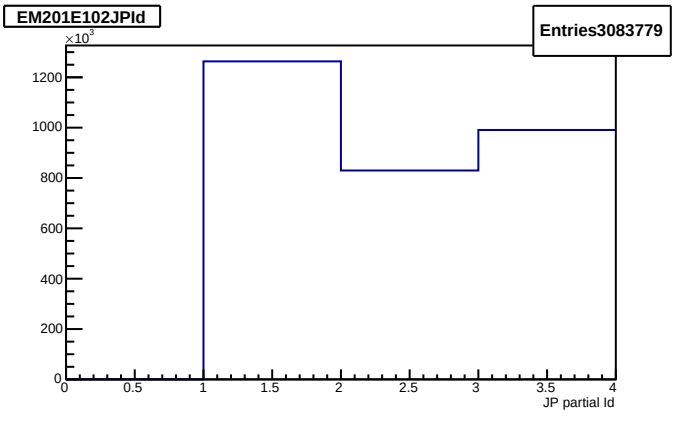

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

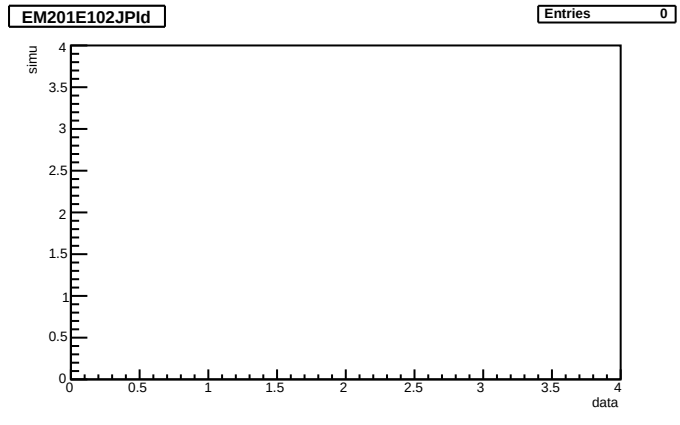

EM201E102JPThBits
Entries3083779
×10^3
JP th bits

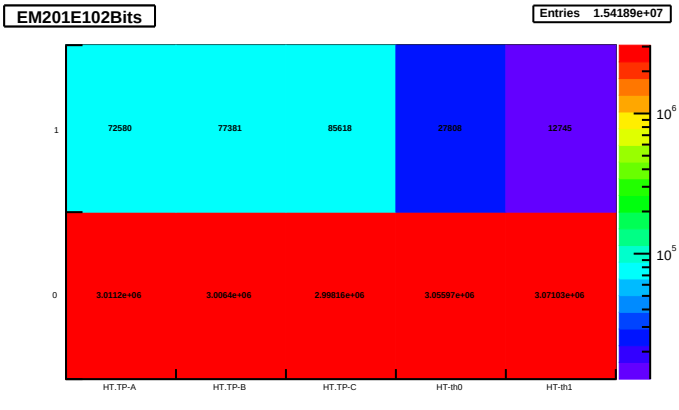

EM201E102JPThBits
Entries 0
simu
data

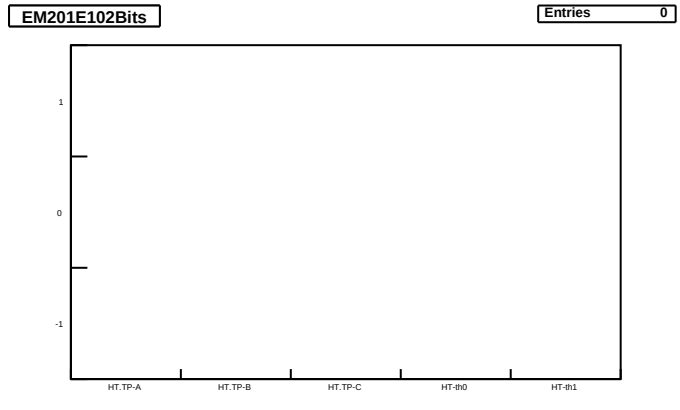

EM201E102JPSum
Entries3083779
×10^3
JP partial sum

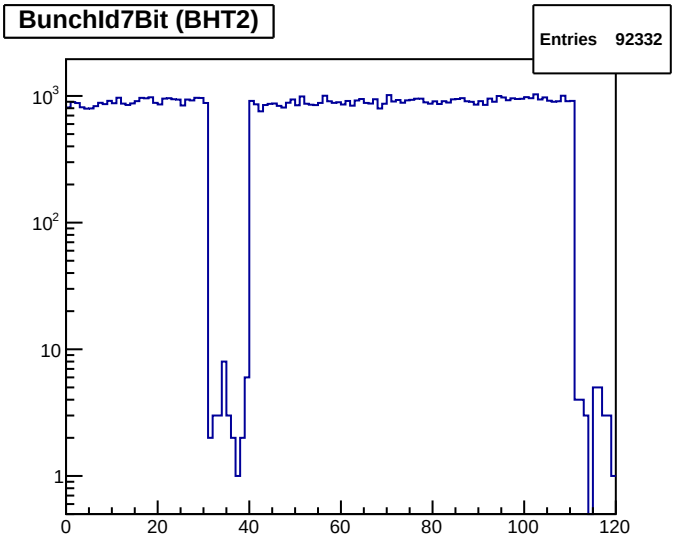

EM201E102JPSum
Entries 0
simu
data

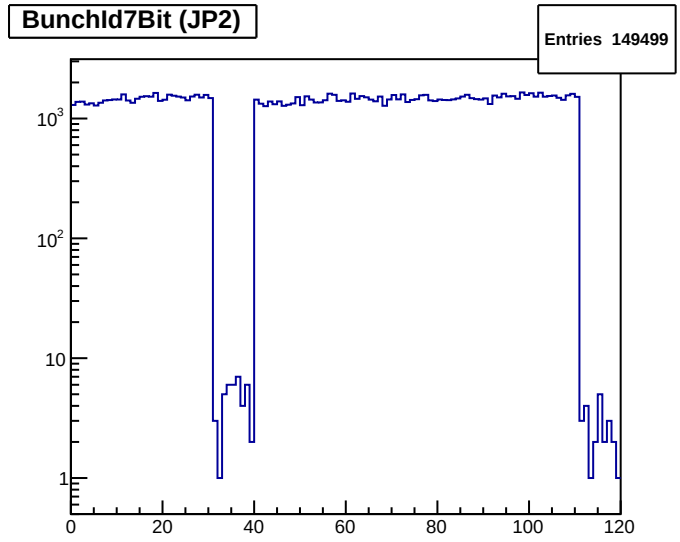

EM201E102JPId
Entries3083779
×10^3
JP partial Id

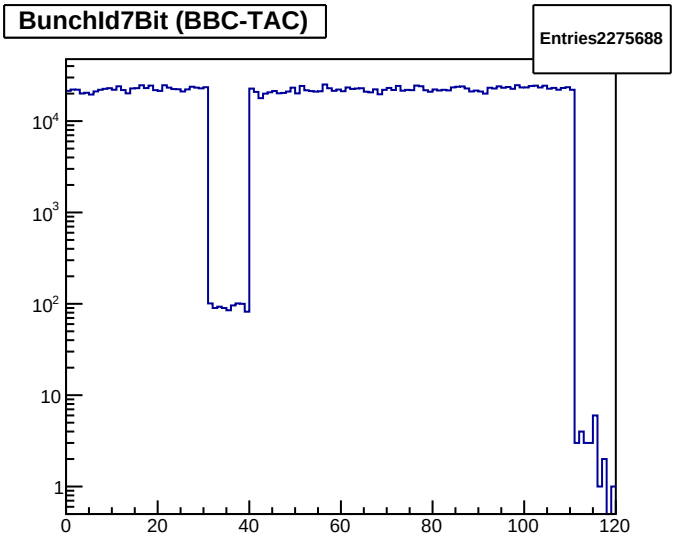

EM201E102JPId
Entries 0
simu
data

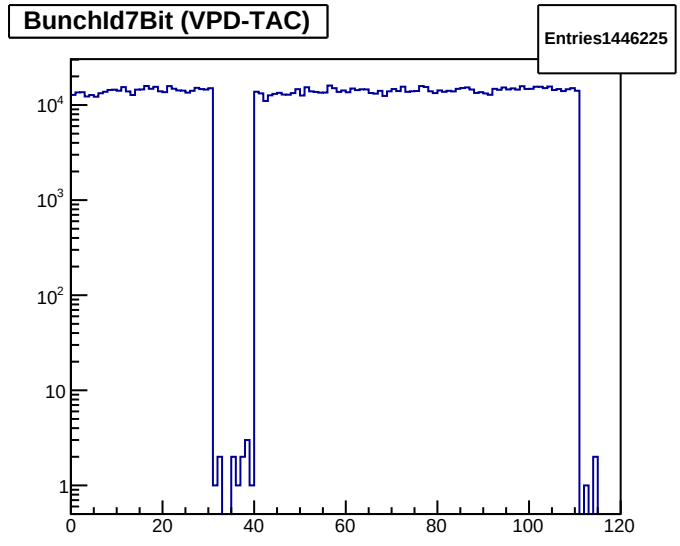

EM201E102Bits
Entries 1.54189e+07
72580
77381
85618
27808
12745
3.0112e+06
3.0064e+06
2.99816e+06
3.05597e+06
3.07103e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

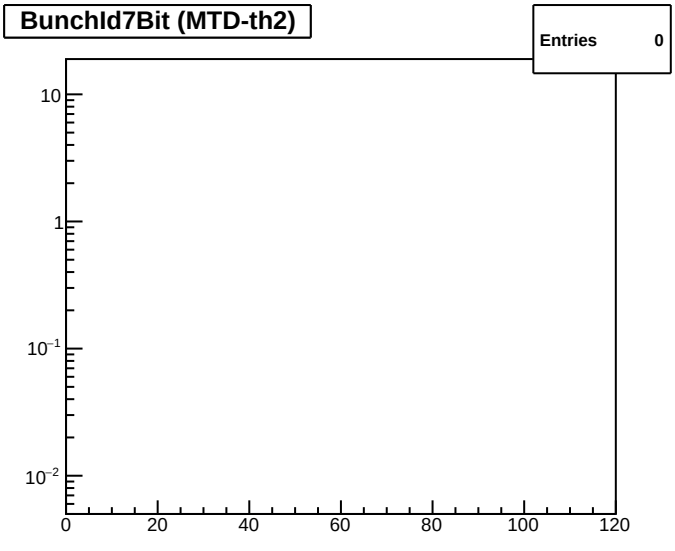

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

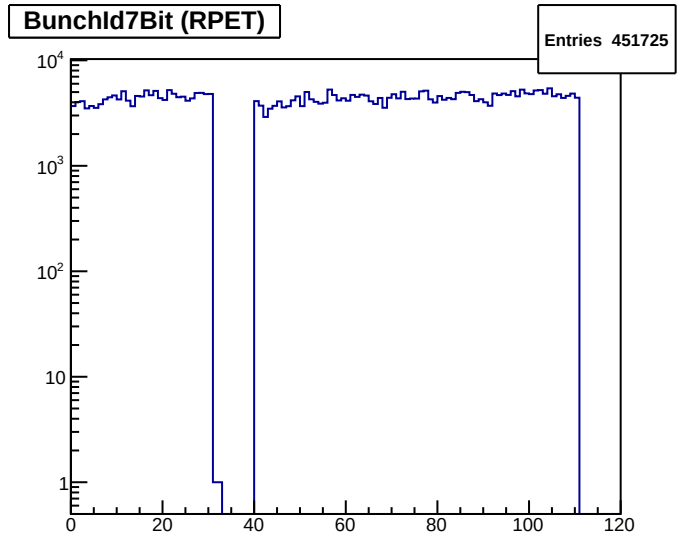

BunchId7Bit (BHT2)
Entries 92332

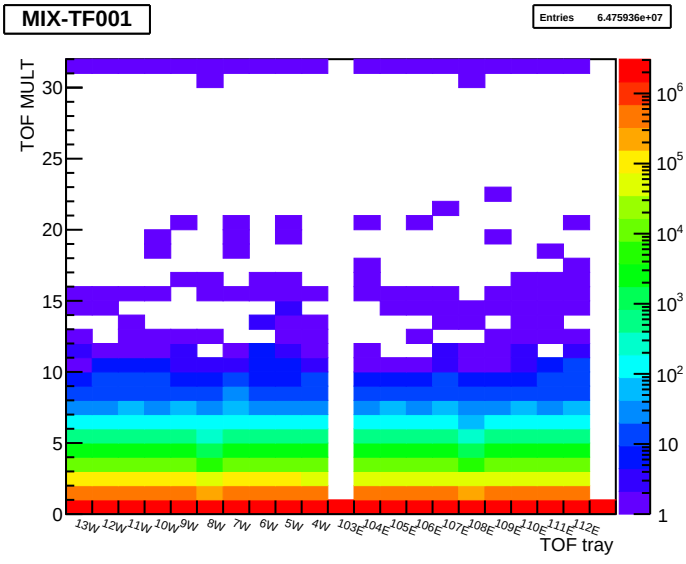

BunchId7Bit (JP2)
Entries 149499

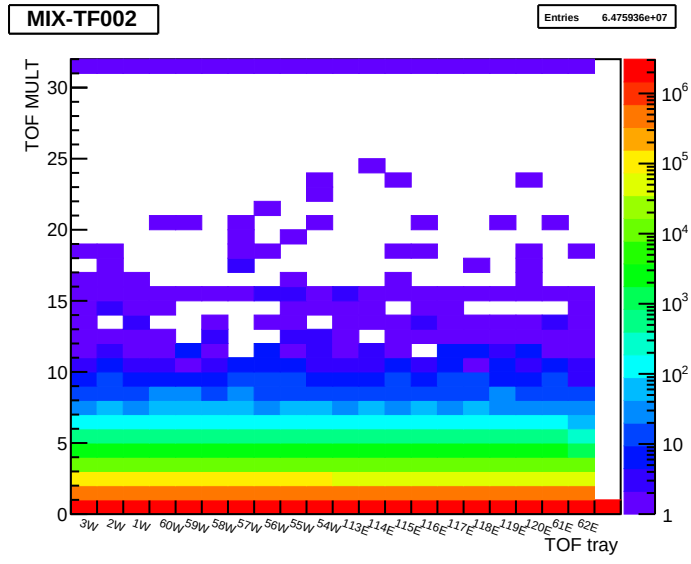

BunchId7Bit (BBC-TAC)
Entries2275688

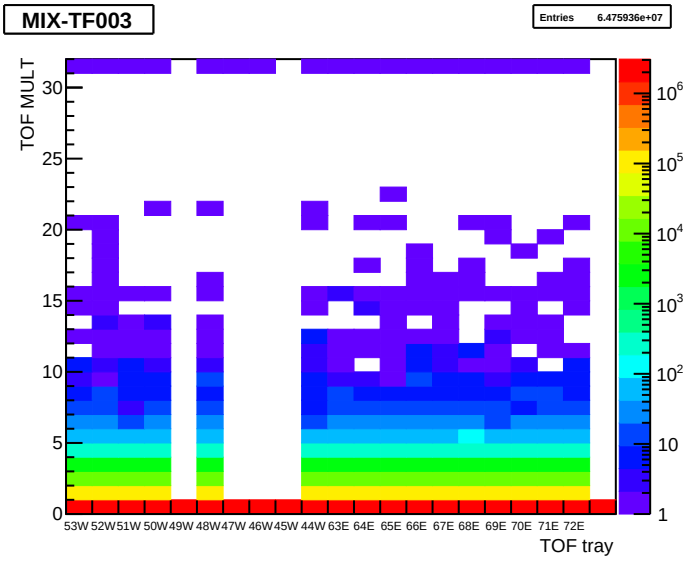

BunchId7Bit (VPD-TAC)
Entries1446225

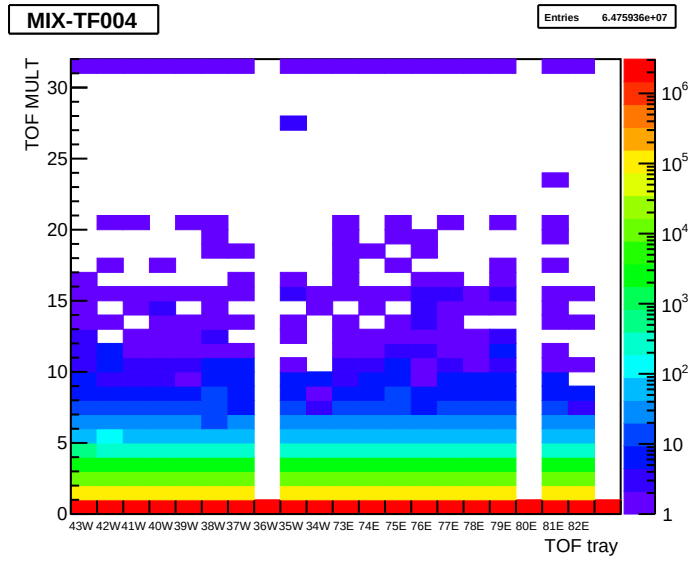

BunchId7Bit (MTD-th2)
Entries 0

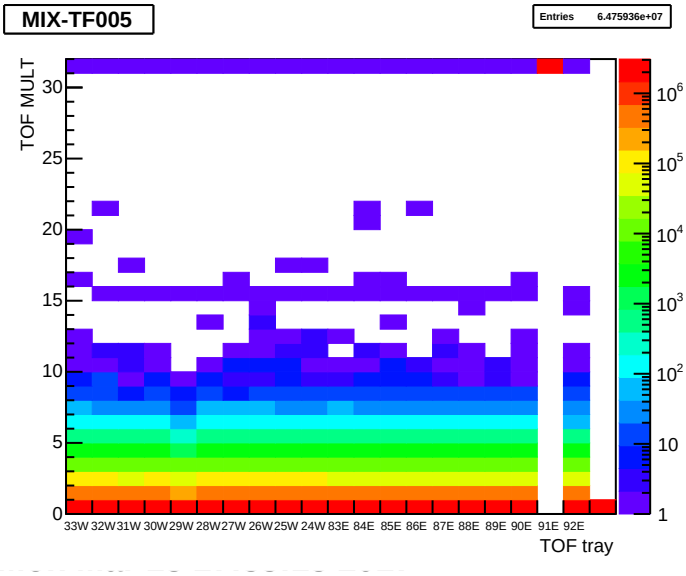

BunchId7Bit (RPET)
Entries 451725

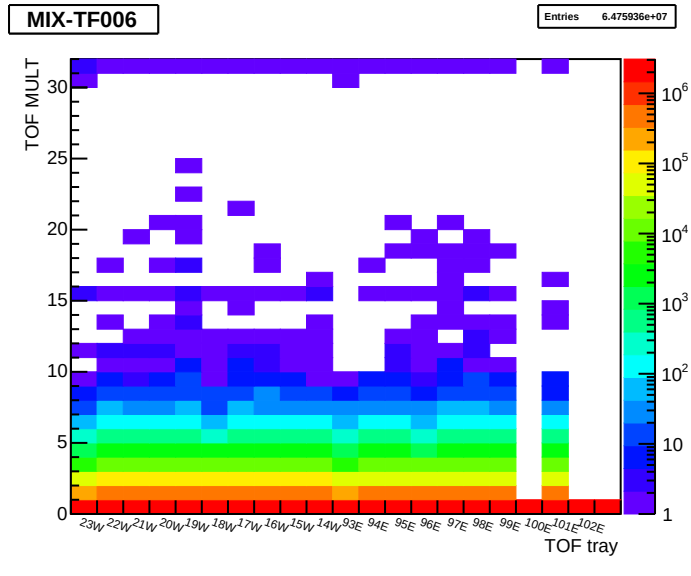

MIX-TF001
Entries 6.475936e+07
TOF MULT
TOF tray

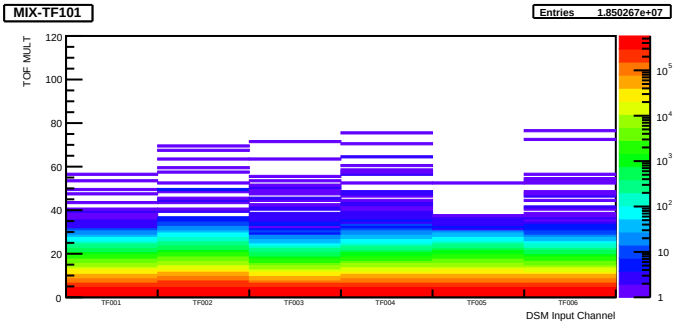

MIX-TF002
Entries 6.475936e+07
TOF MULT
TOF tray

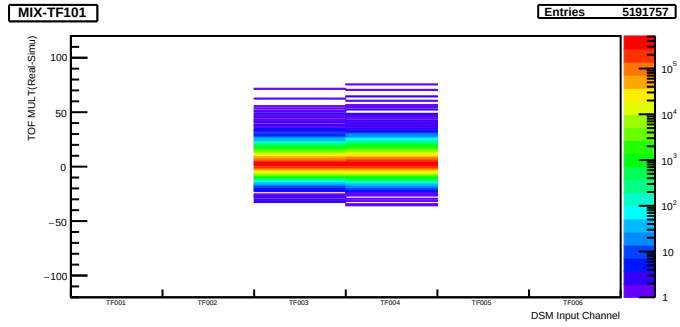

MIX-TF003
Entries 6.475936e+07
TOF MULT
TOF tray

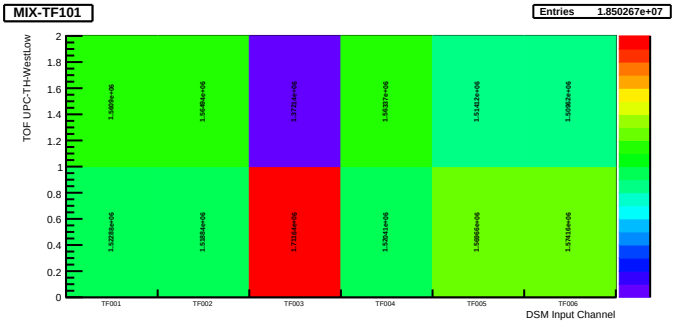

MIX-TF004
Entries 6.475936e+07
TOF MULT
TOF tray

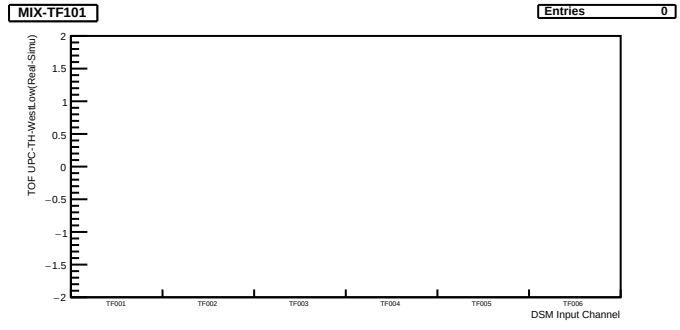

MIX-TF005
Entries 6.475936e+07
TOF MULT
TOF tray

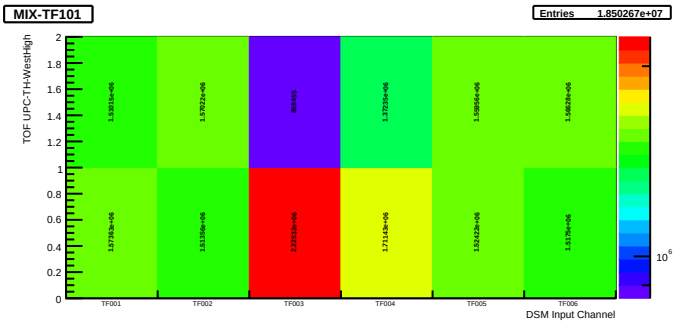

MIX-TF006
Entries 6.475936e+07
TOF MULT
TOF tray

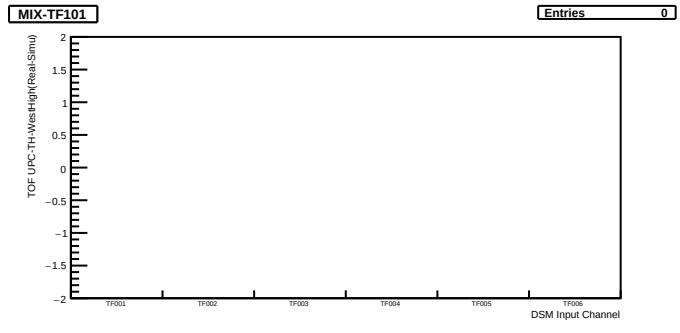

MIX-TF101
Entries 1.850267e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

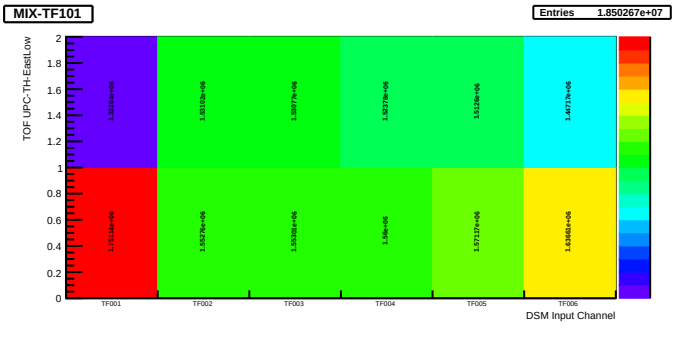

MIX-TF101
Entries 5191757
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

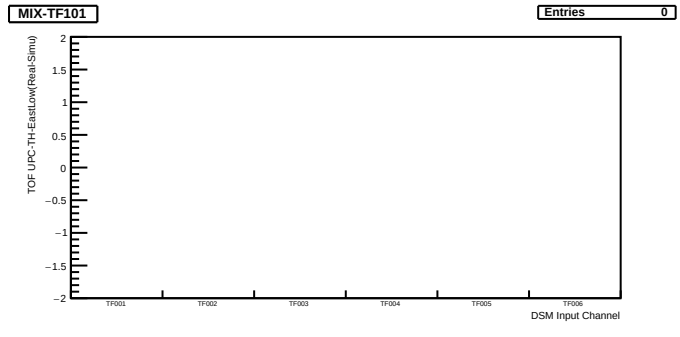

MIX-TF101
Entries 1.850267e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

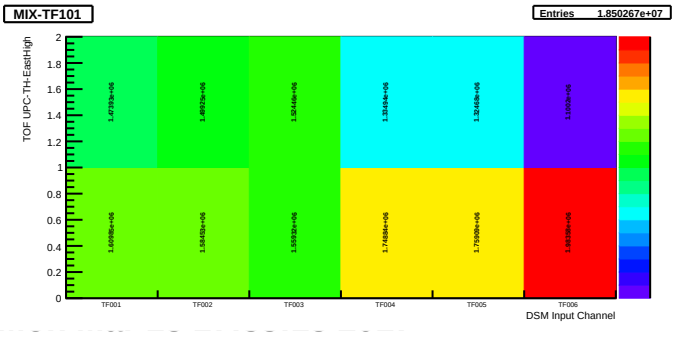

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

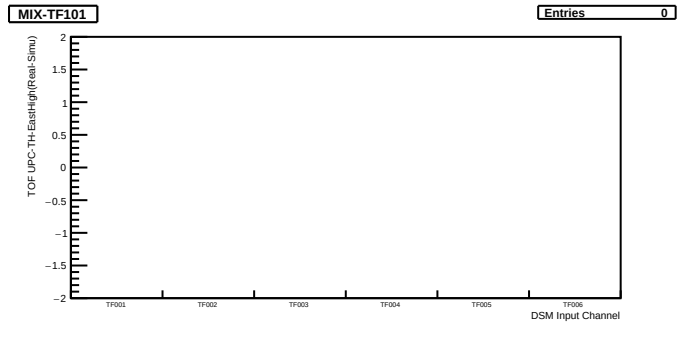

MIX-TF101
Entries 1.850267e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

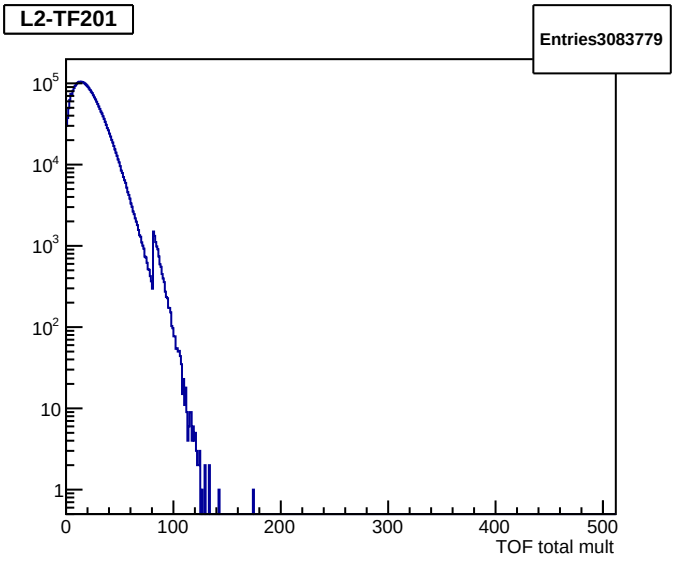

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

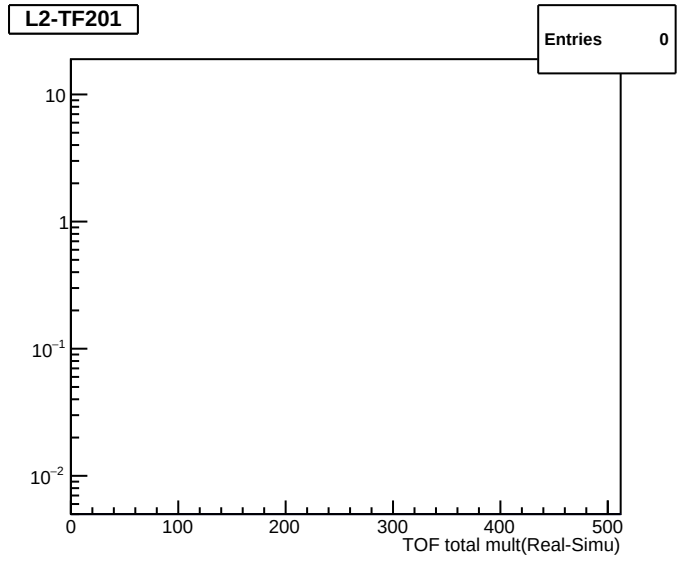

MIX-TF101
Entries 1.850267e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

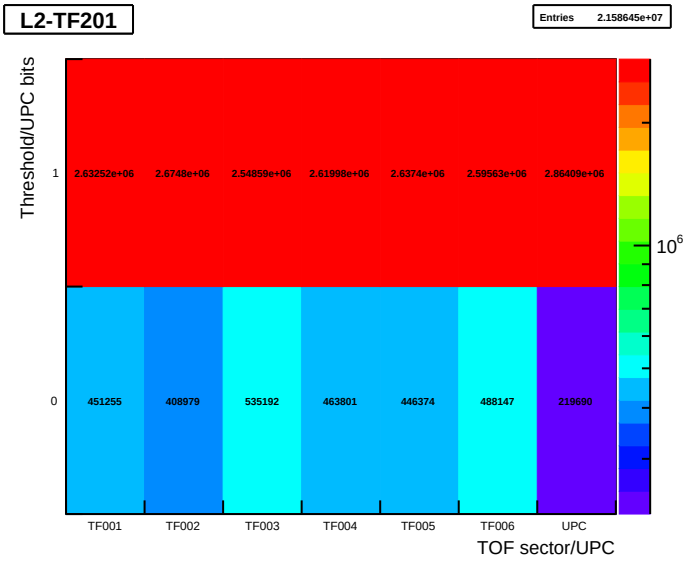

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

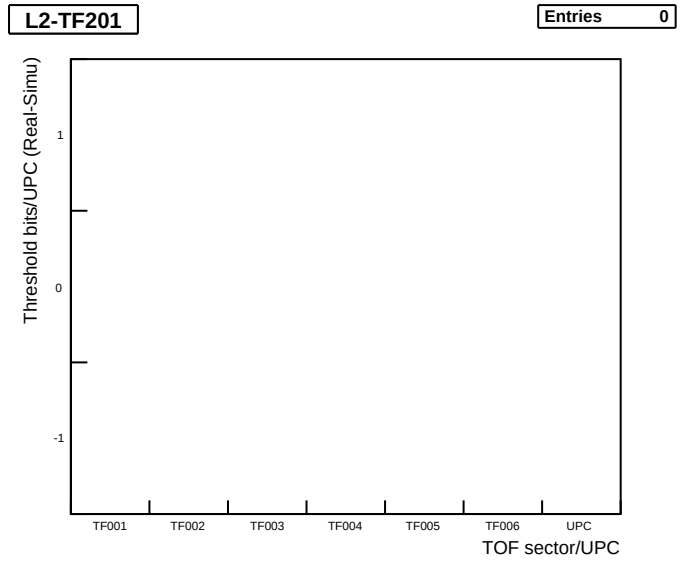

MIX-TF101
Entries 1.850267e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

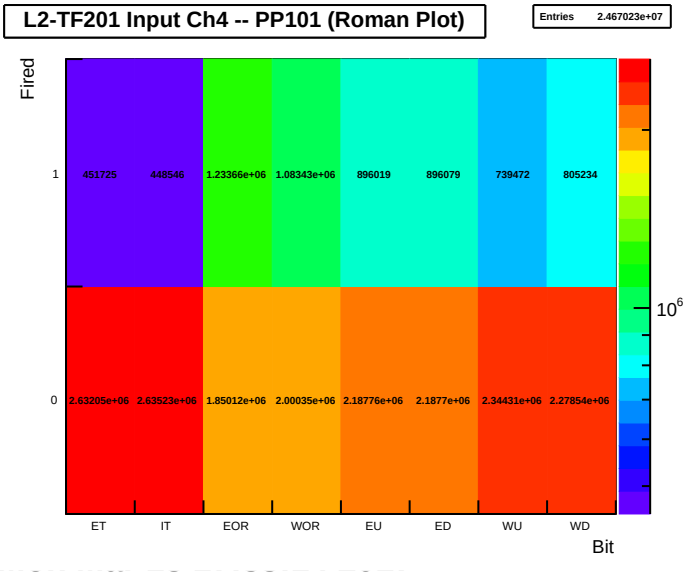

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

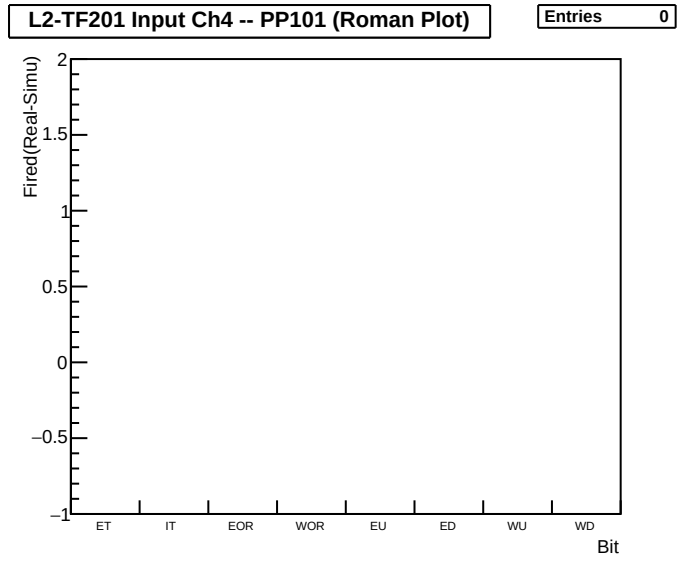

L2-TF201
Entries3083779
TOF total mult

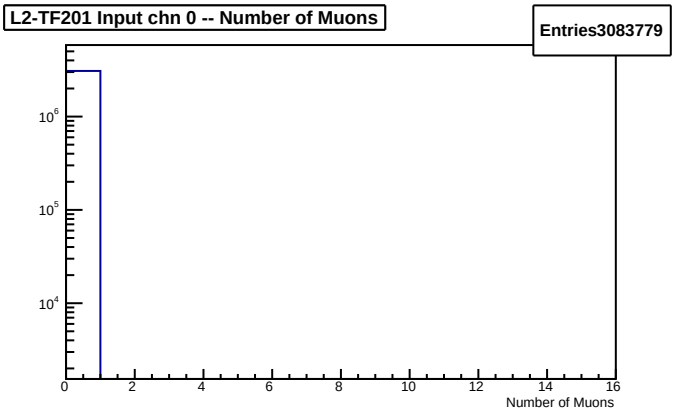

L2-TF201
Entries 0
TOF total mult(Real-Simu)

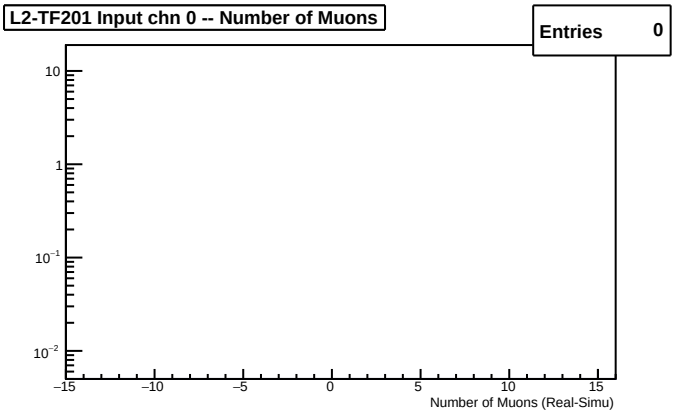

L2-TF201
Entries 2.158645e+07
Threshold/UPC bits
2.63252e+06
2.6748e+06
2.54859e+06
2.61998e+06
2.6374e+06
2.59563e+06
2.86409e+06
451255
408979
535192
463801
446374
488147
219690
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

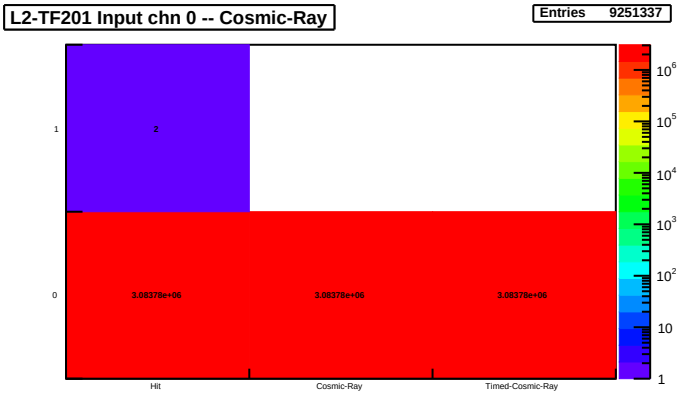

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

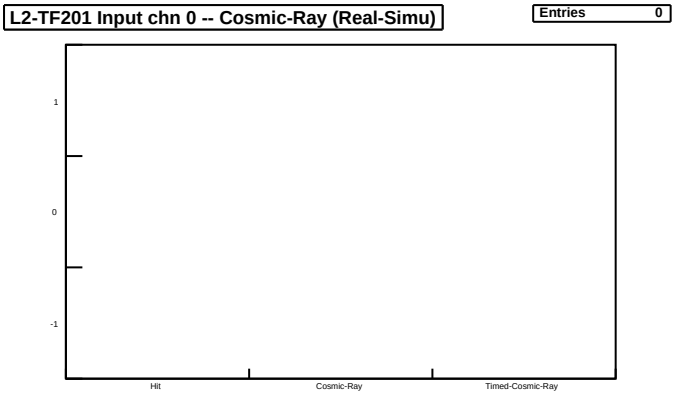

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 2.467023e+07
Fired
451725
448546
1.23366e+06
1.08343e+06
896019
896079
739472
805234
2.63205e+06
2.63523e+06
1.85012e+06
2.00035e+06
2.18776e+06
2.1877e+06
2.34431e+06
2.27854e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

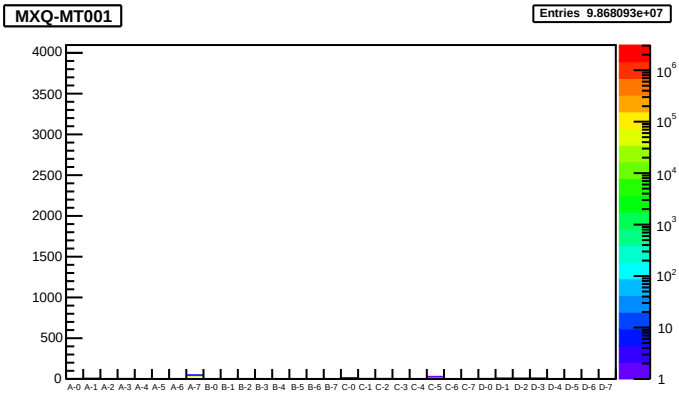

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

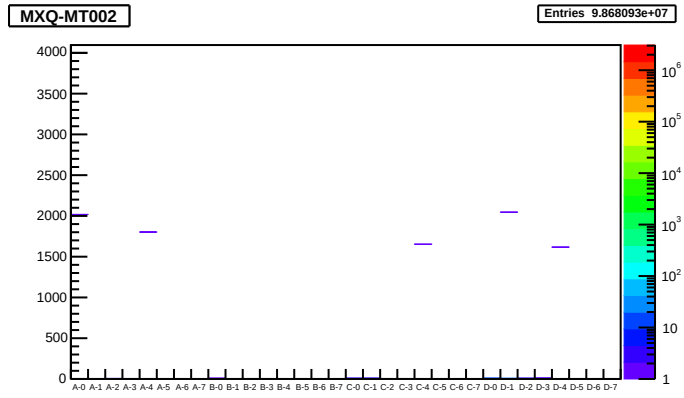

L2-TF201 Input chn 0 -- Number of Muons
Entries3083779
Number of Muons


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


L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 9251337
3.08378e+06
3.08378e+06
3.08378e+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 9.868093e+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 9.868093e+07
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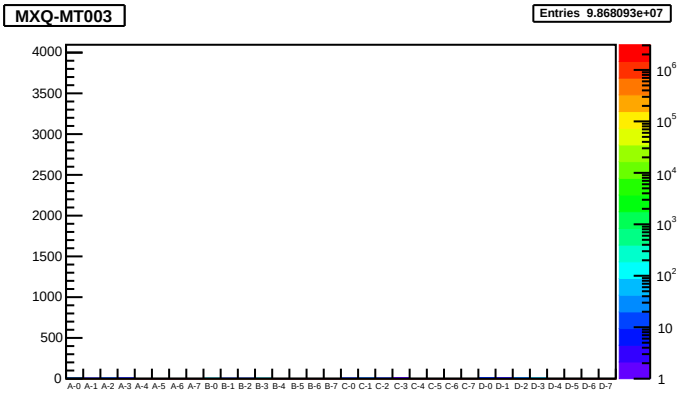
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT003
Entries 9.868093e+07
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3000
2500
2000
1500
1000
500
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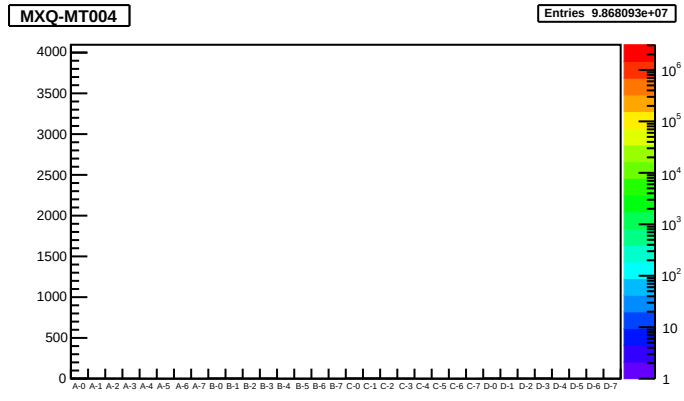
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT004
Entries 9.868093e+07
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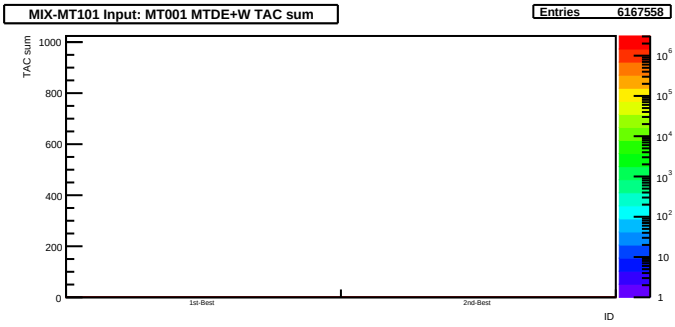
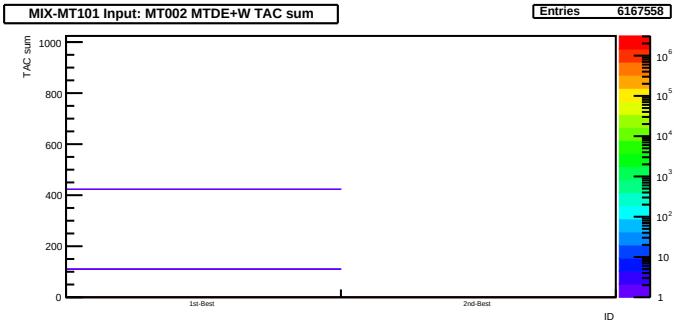
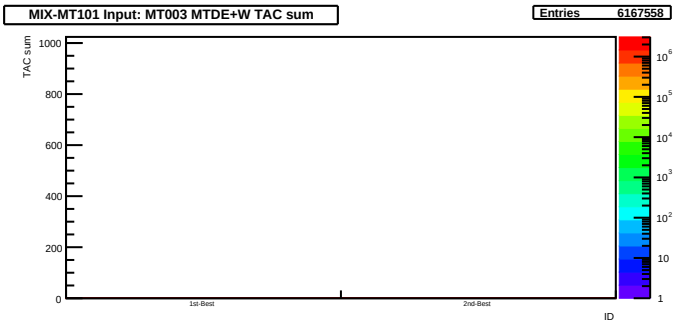
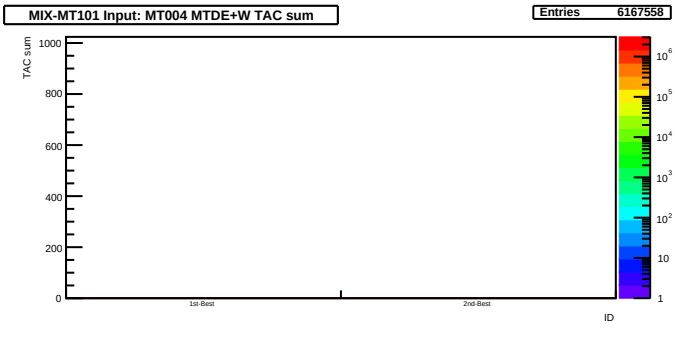
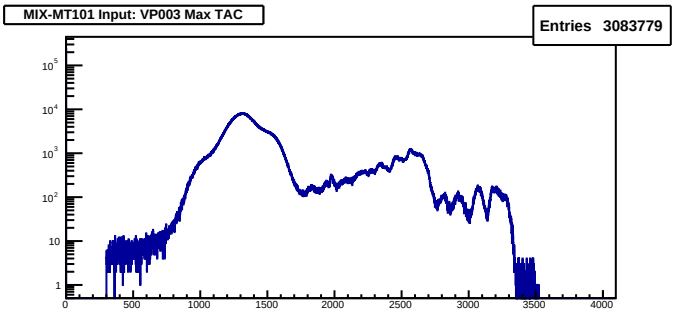
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

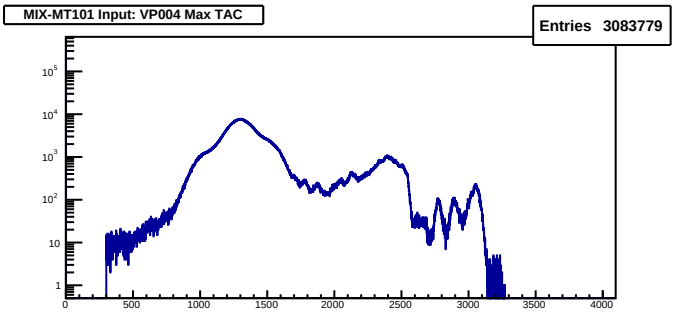

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 6167558
TAC sum
1st-Best
2nd-Best
ID

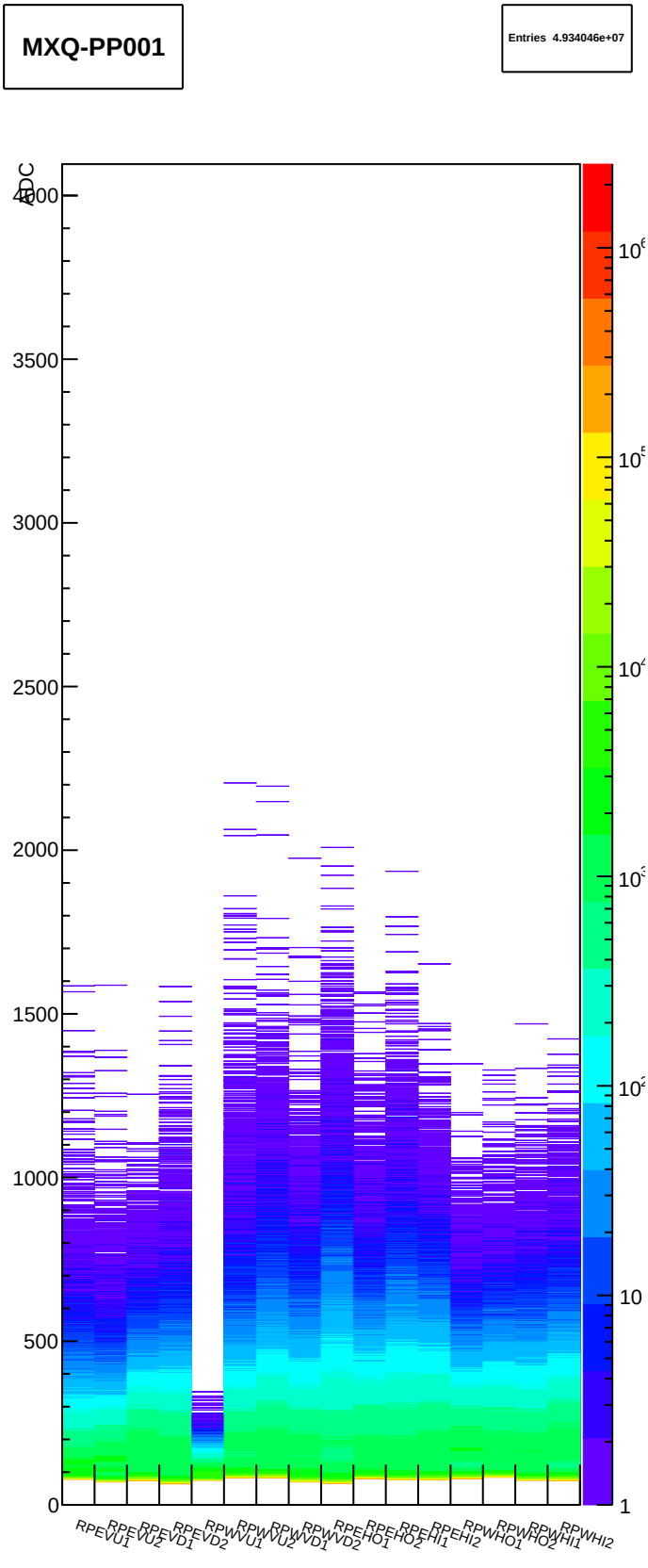

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 6167558
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 6167558
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 6167558
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: VP003 Max TAC
Entries 3083779


MIX-MT101 Input: VP004 Max TAC
Entries 3083779


MXQ-PP001
Entries 4.934046e+07
ADC
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3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
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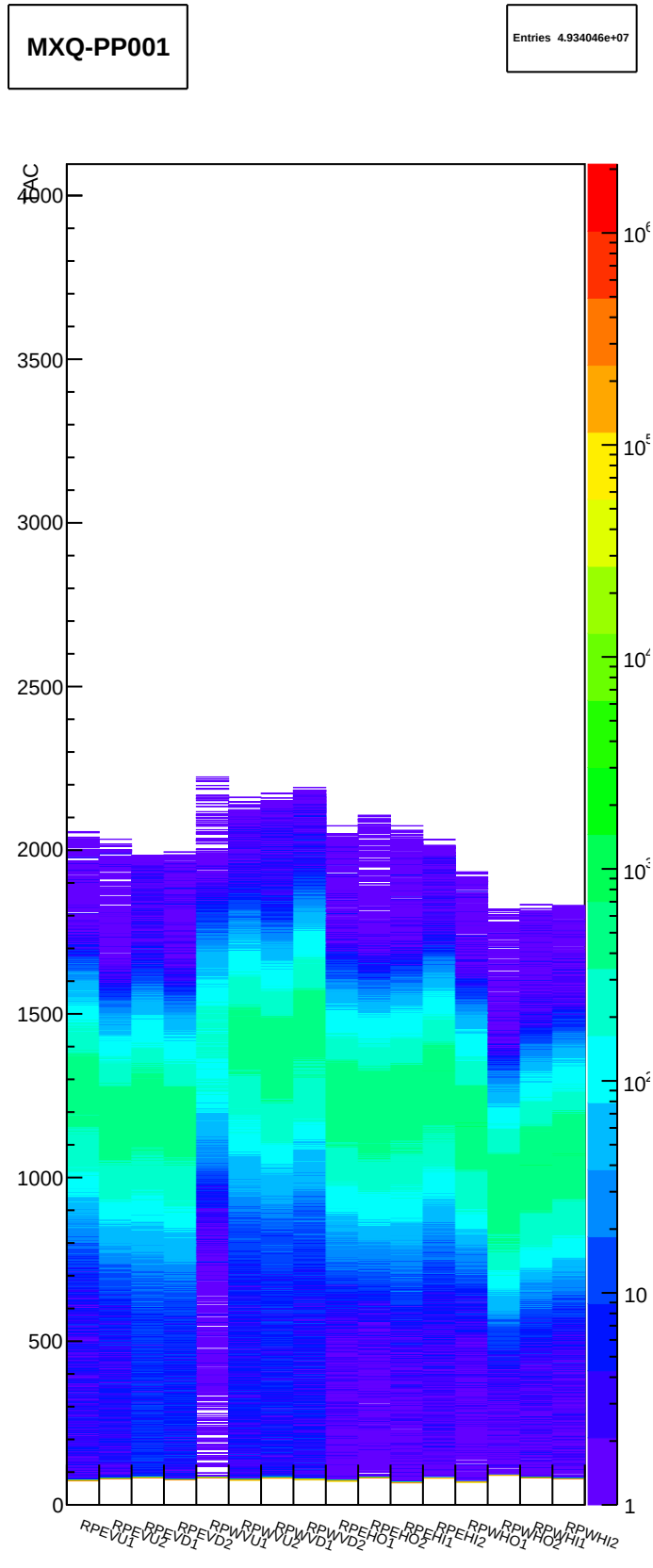
10^5
10^4
10^3
10^2
10
1


MXQ-PP001
Entries 4.934046e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
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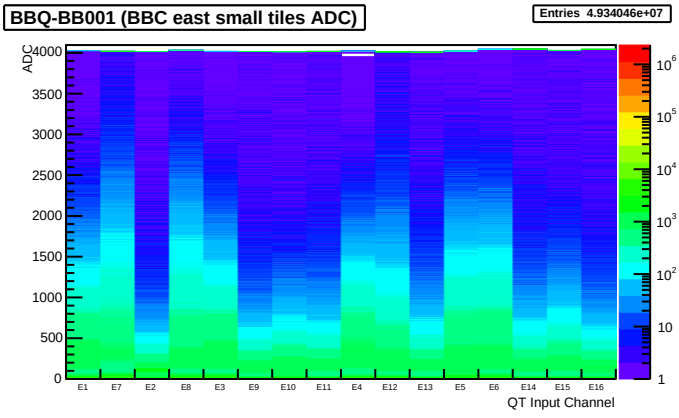
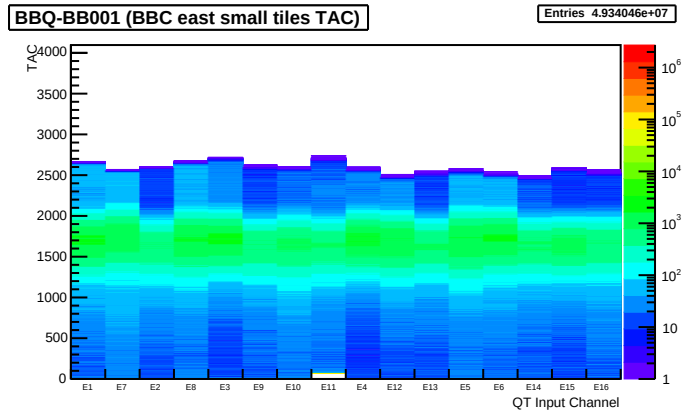
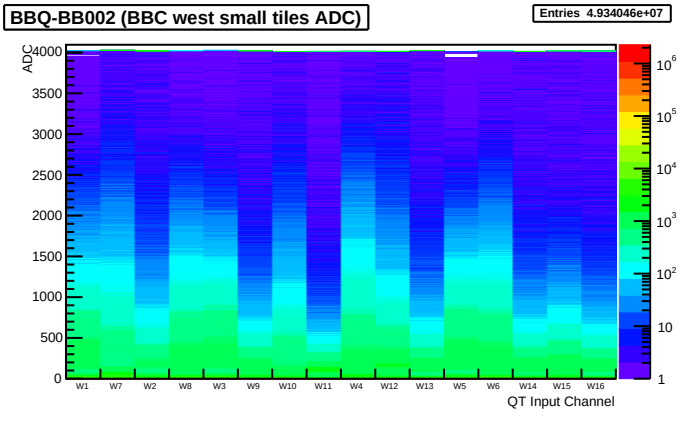
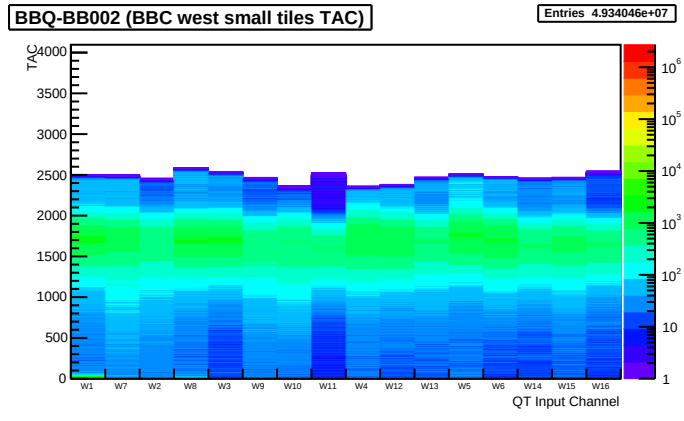
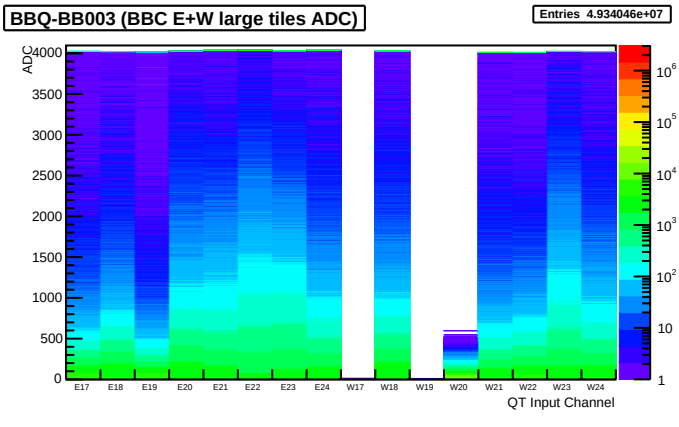
10^4
10^3
10^2
10
1

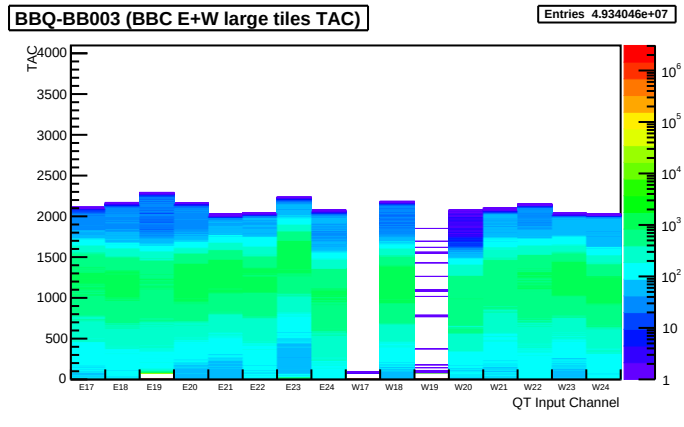

BBQ-BB001 (BBC east small tiles ADC)
Entries 4.934046e+07
ADC
QT Input Channel

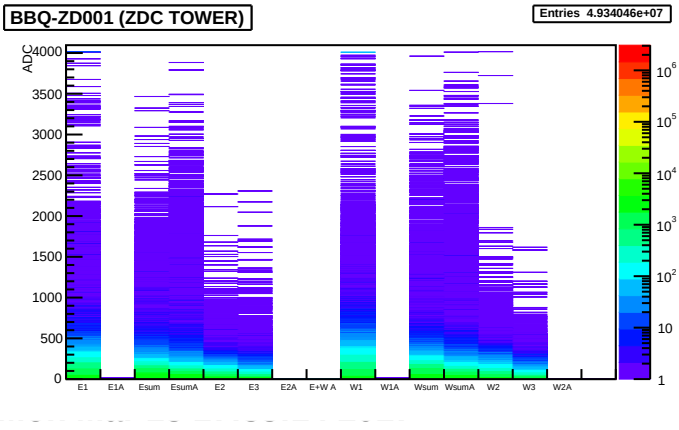

BBQ-BB001 (BBC east small tiles TAC)
Entries 4.934046e+07
TAC
QT Input Channel

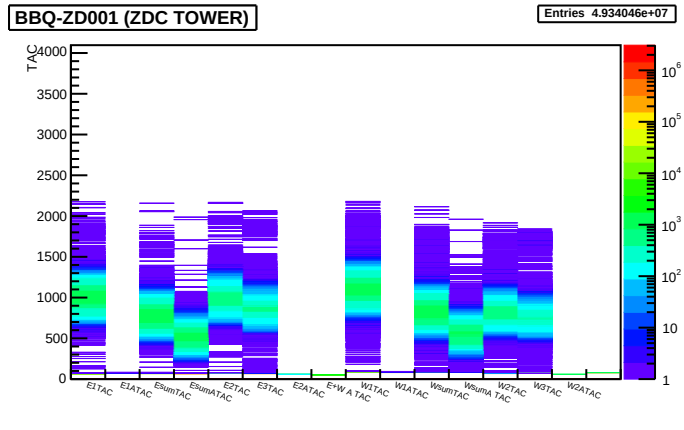

BBQ-BB002 (BBC west small tiles ADC)
Entries 4.934046e+07
ADC
QT Input Channel

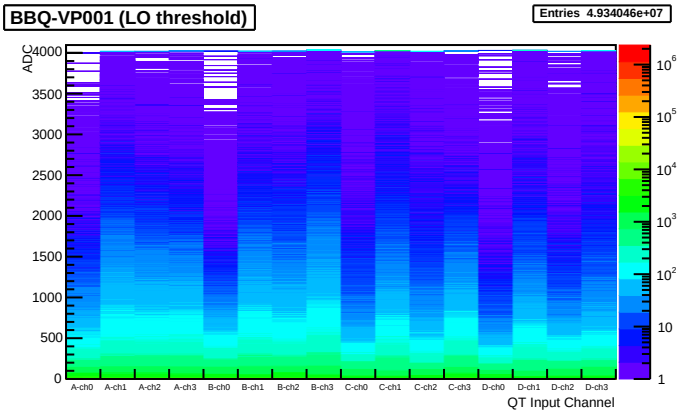

BBQ-BB002 (BBC west small tiles TAC)
Entries 4.934046e+07
TAC
QT Input Channel

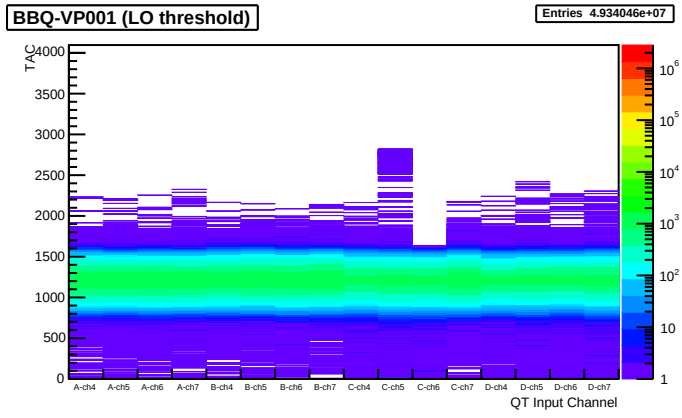

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 4.934046e+07
ADC
QT Input Channel

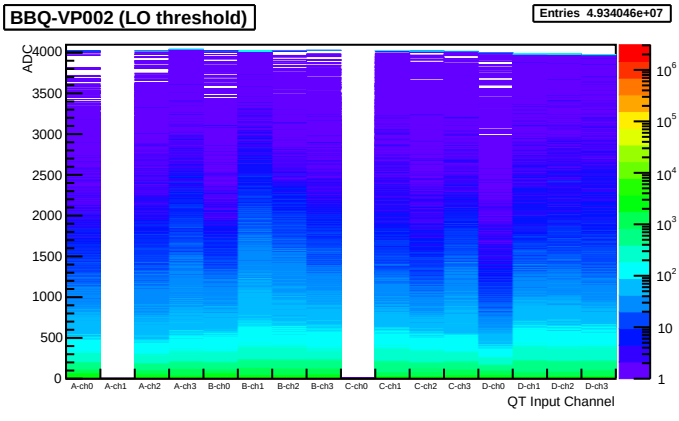

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 4.934046e+07
TAC
QT Input Channel

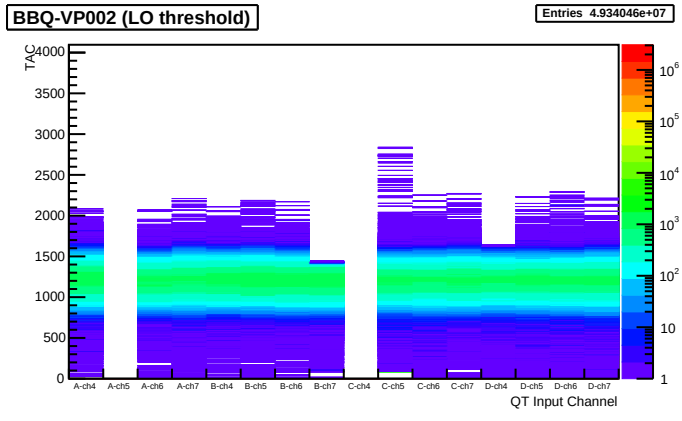

BBQ-ZD001 (ZDC TOWER)
Entries 4.934046e+07
ADC

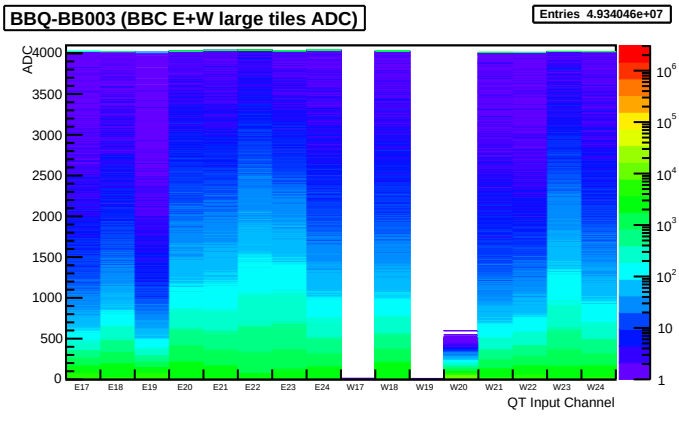

BBQ-ZD001 (ZDC TOWER)
Entries 4.934046e+07
TAC

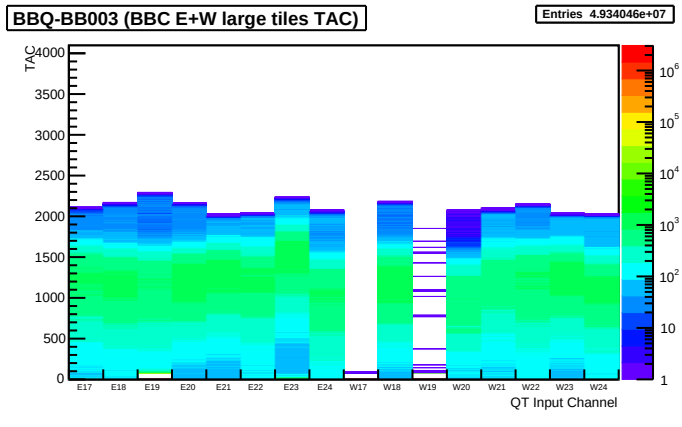

BBQ-VP001 (LO threshold)
Entries 4.934046e+07
ADC
QT Input Channel

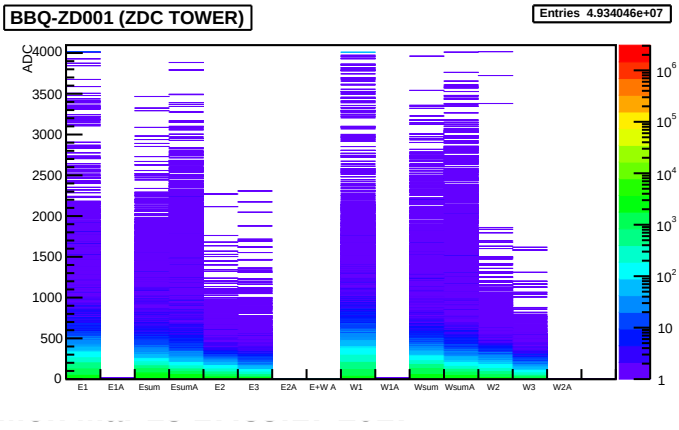

BBQ-VP001 (LO threshold)
Entries 4.934046e+07
TAC
QT Input Channel

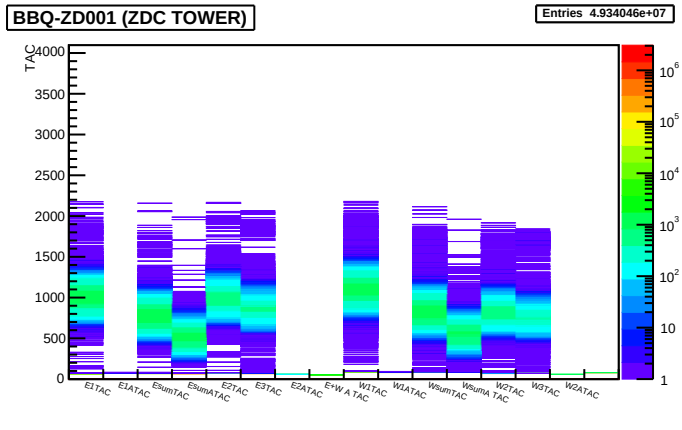

BBQ-VP002 (LO threshold)
Entries 4.934046e+07
ADC
QT Input Channel

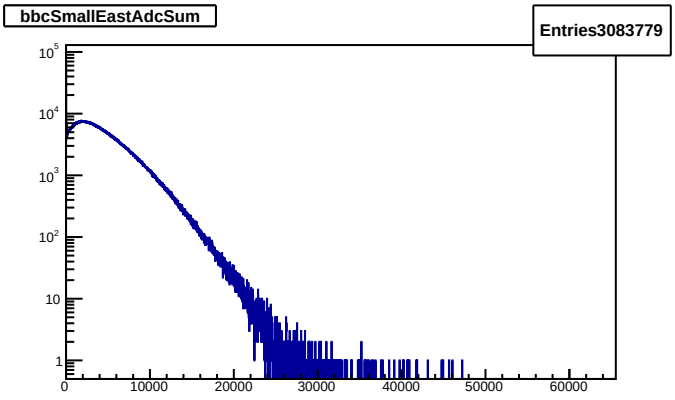

BBQ-VP002 (LO threshold)
Entries 4.934046e+07
TAC
QT Input Channel

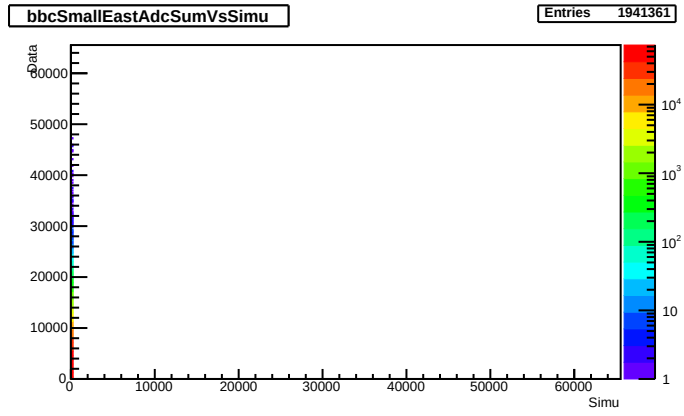

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 4.934046e+07
ADC
QT Input Channel

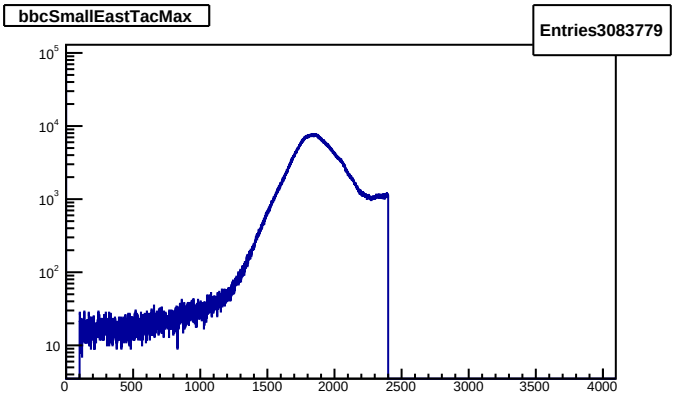

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 4.934046e+07
TAC
QT Input Channel

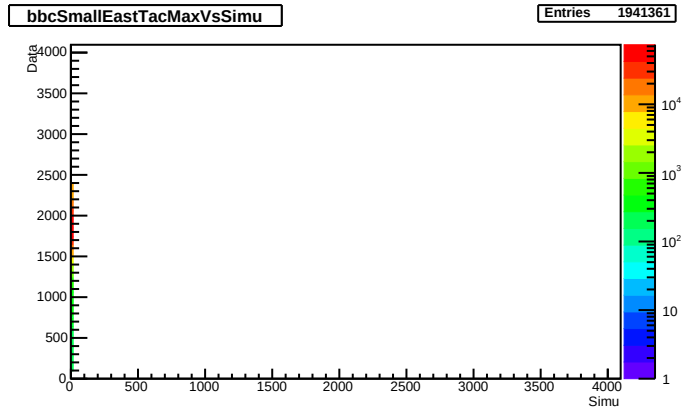

BBQ-ZD001 (ZDC TOWER)
Entries 4.934046e+07
ADC

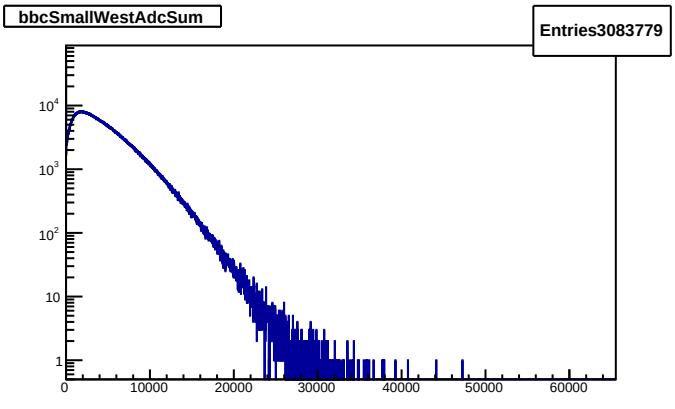

BBQ-ZD001 (ZDC TOWER)
Entries 4.934046e+07
TAC

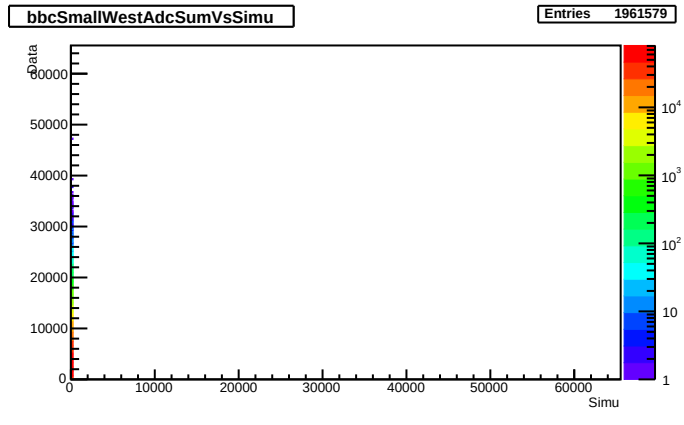

bbcSmallEastAdcSum
Entries3083779

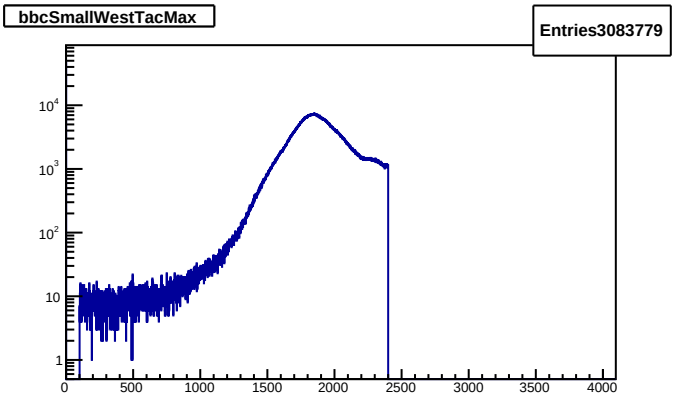

bbcSmallEastAdcSumVsSimu
Entries 1941361
Data
Simu

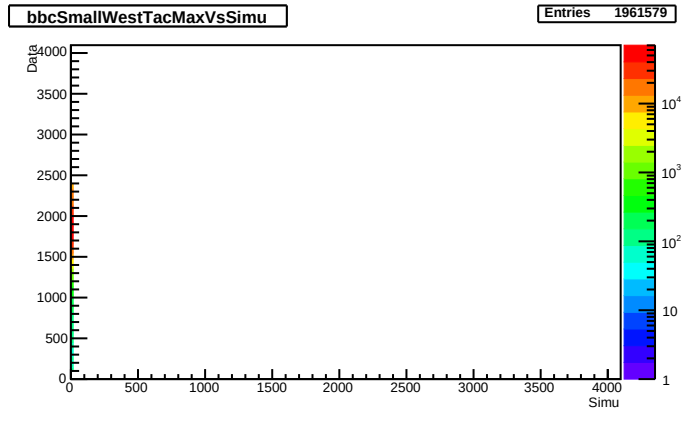

bbcSmallEastTacMax
Entries3083779

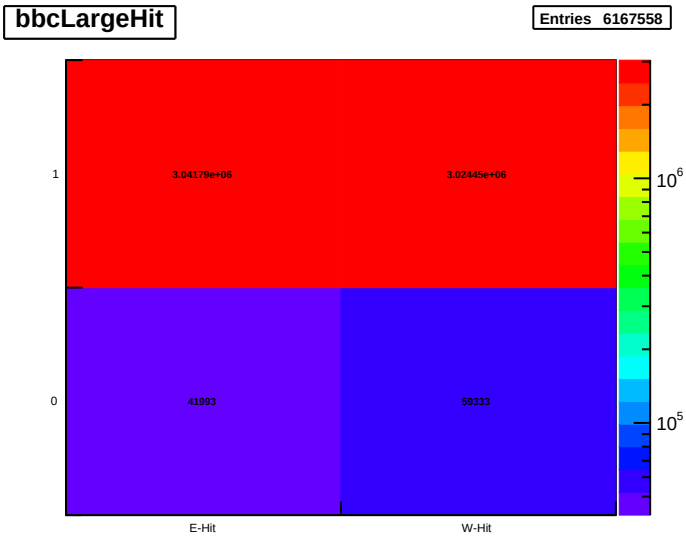

bbcSmallEastTacMaxVsSimu
Entries 1941361
Data
Simu

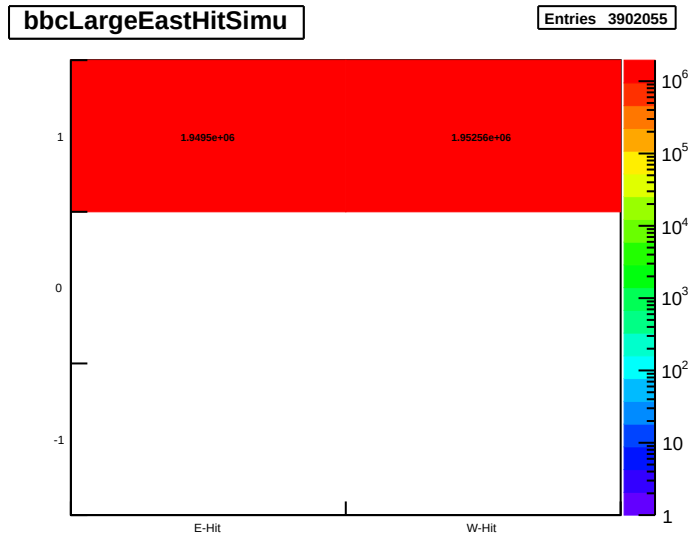

bbcSmallWestAdcSum
Entries3083779


bbcSmallWestAdcSumVsSimu
Entries 1961579
Data
Simu


bbcSmallWestTacMax
Entries3083779


bbcSmallWestTacMaxVsSimu
Entries 1961579
Data
Simu


bbcLargeHit
Entries 6167558
3.04179e+06
3.02445e+06
41993
59333
1
0
E-Hit
W-Hit
10^6
10^5


bbcLargeEastHitSimu
Entries 3902055
1.9495e+06
1.95256e+06
1
0
-1
E-Hit
W-Hit
10^6
10^5
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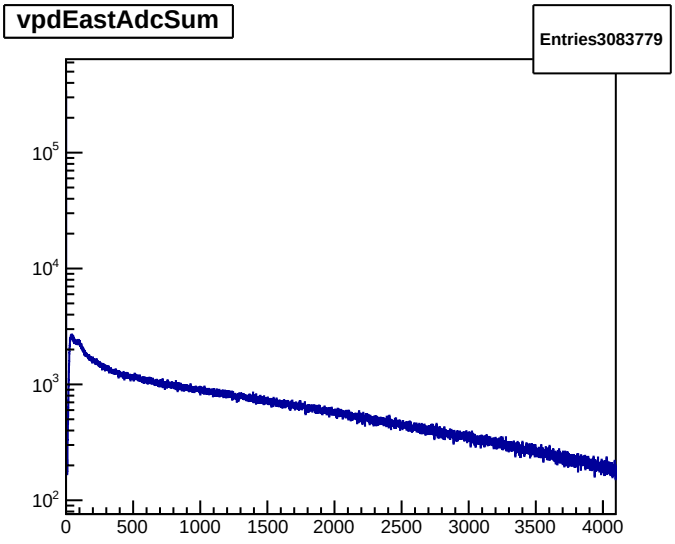
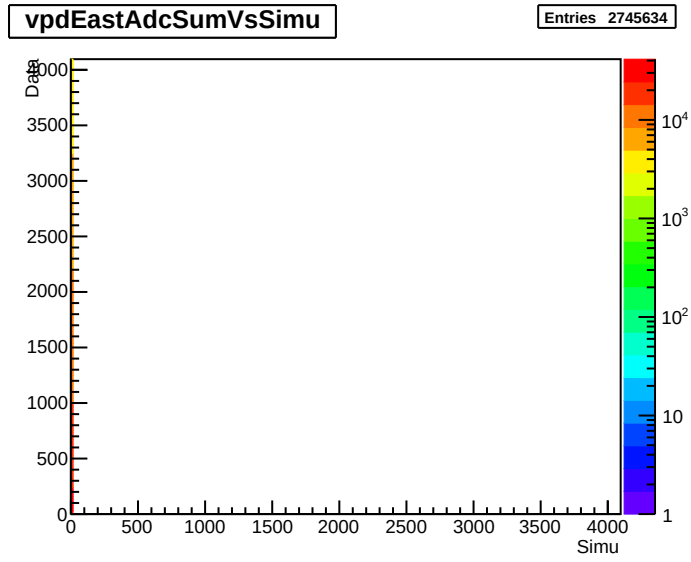
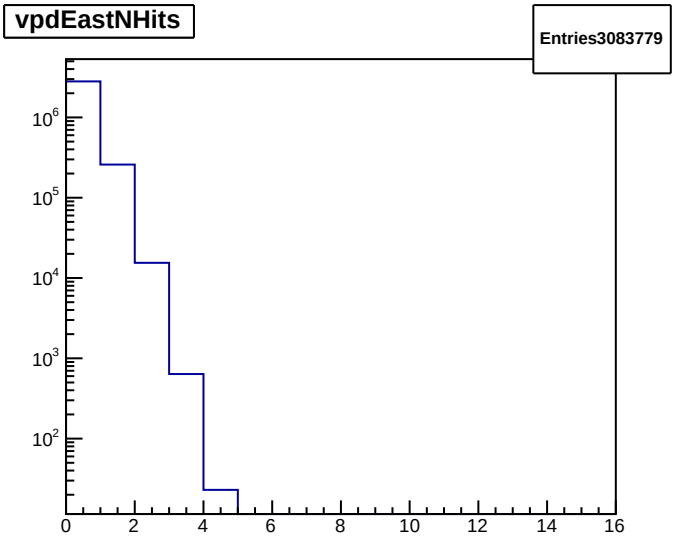
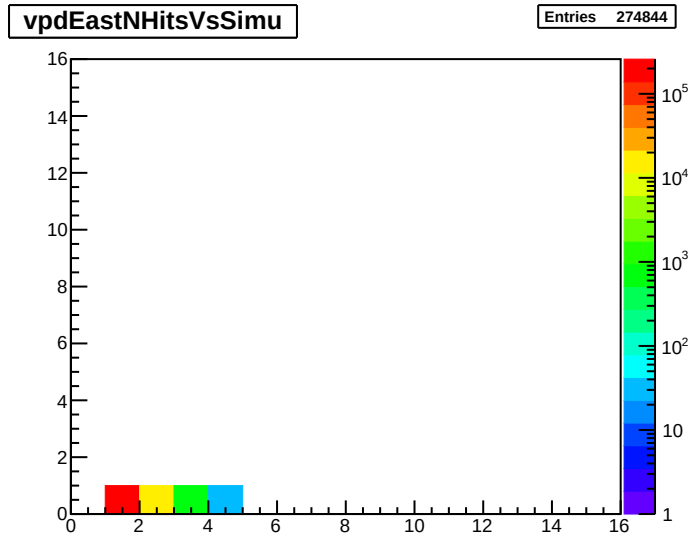
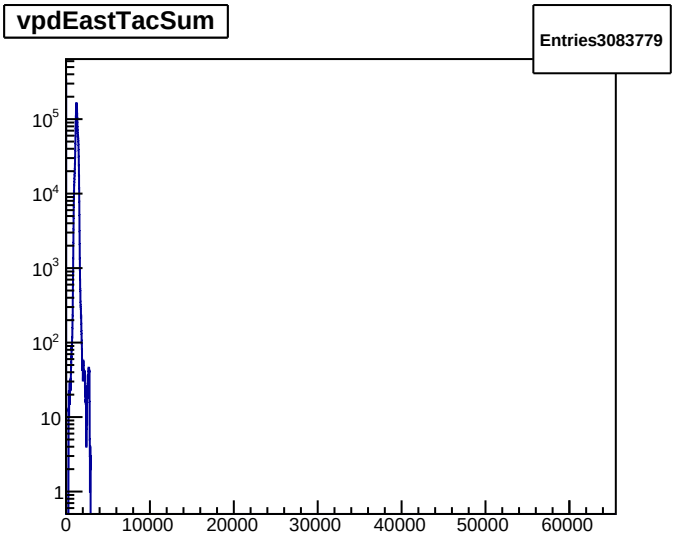
10^3
10^2
10
1

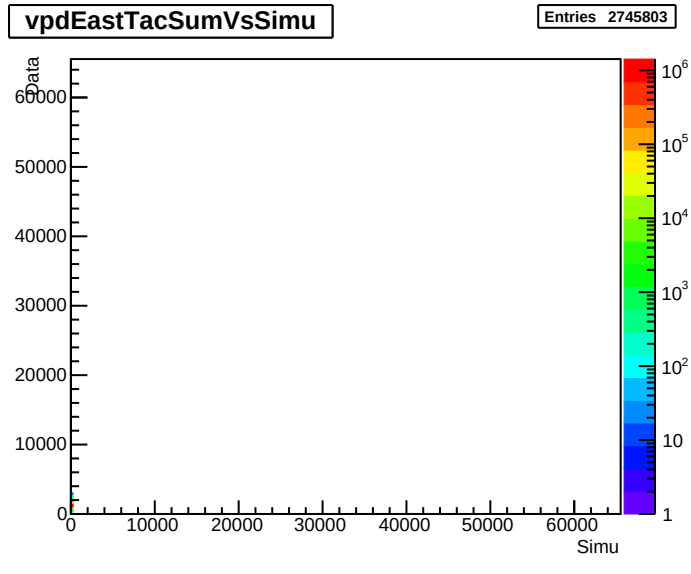

vpdEastAdcSum
Entries3083779

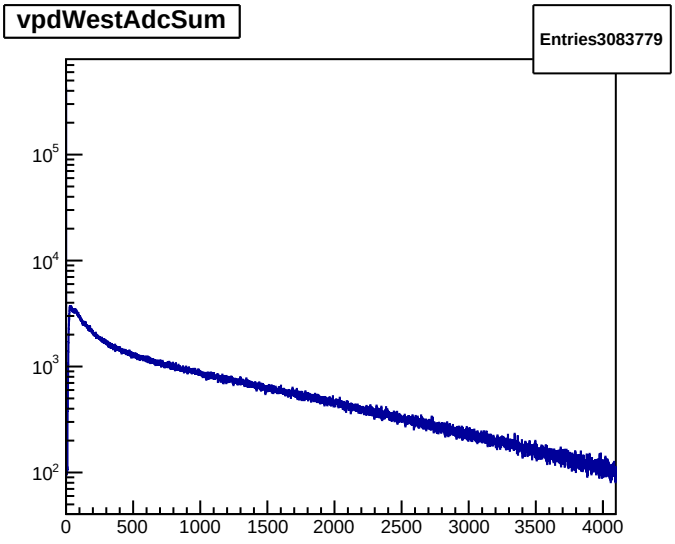

vpdEastAdcSumVsSimu
Entries 2745634
Data
Simu

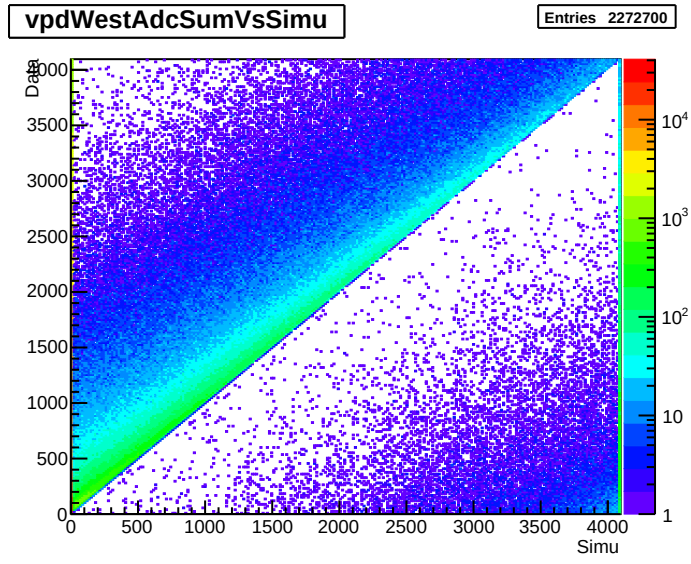

vpdEastNHits
Entries3083779

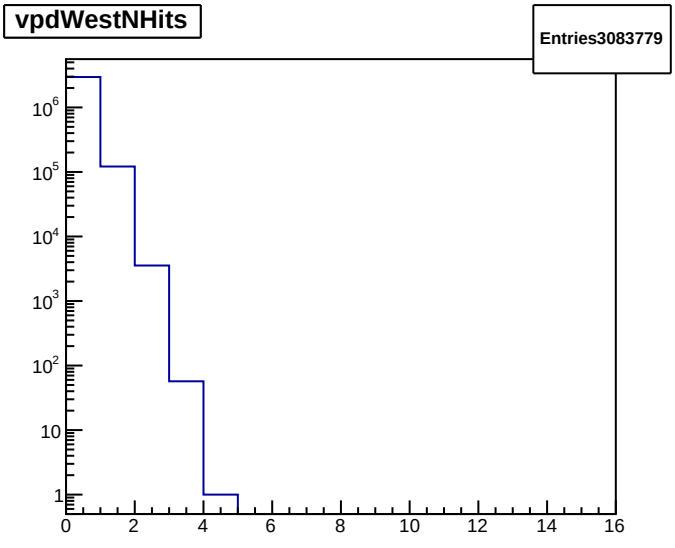

vpdEastNHitsVsSimu
Entries 274844

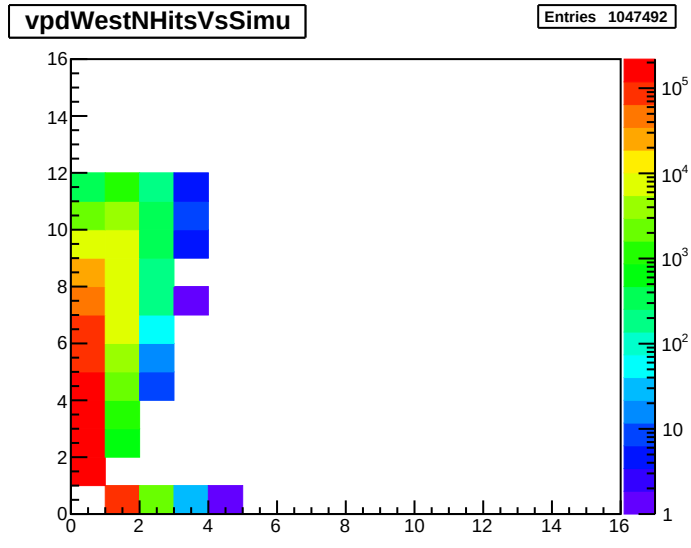

vpdEastTacSum
Entries3083779

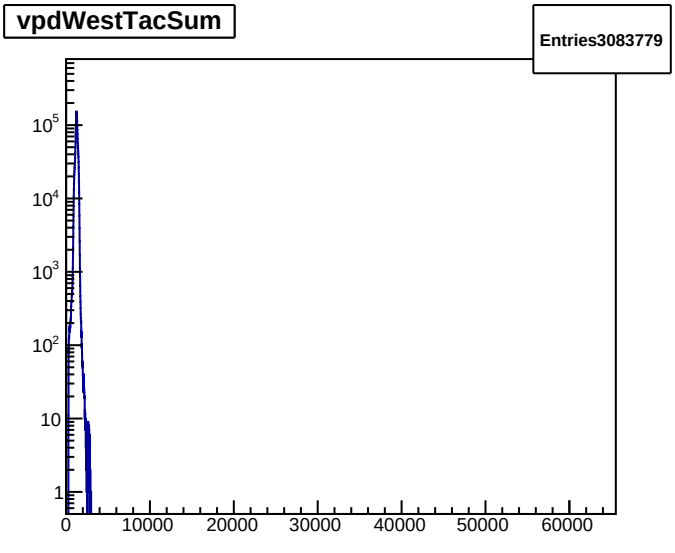

vpdEastTacSumVsSimu
Entries 2745803
Data
Simu

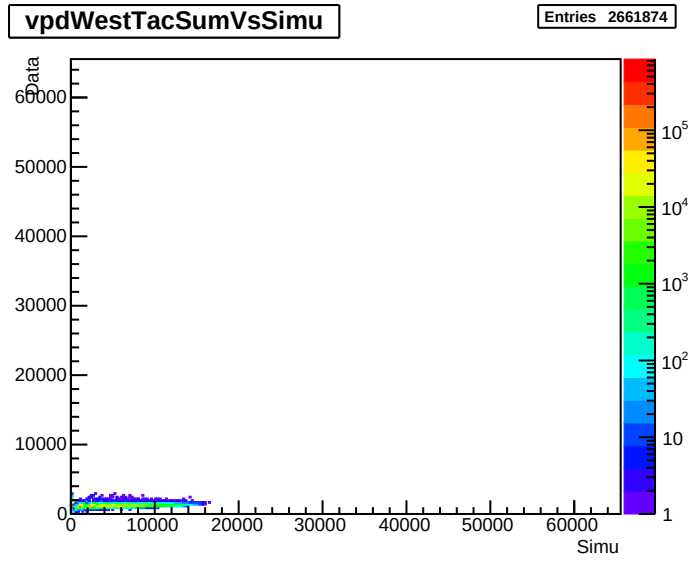

vpdWestAdcSum
Entries3083779

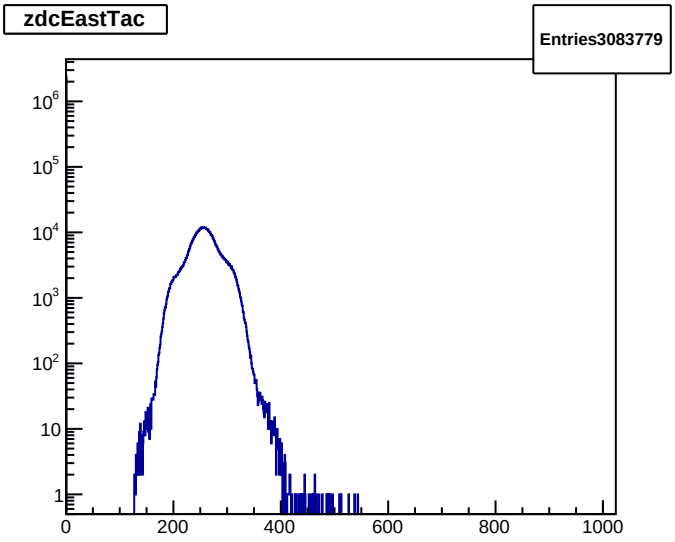

vpdWestAdcSumVsSimu
Entries 2272700
Data
Simu

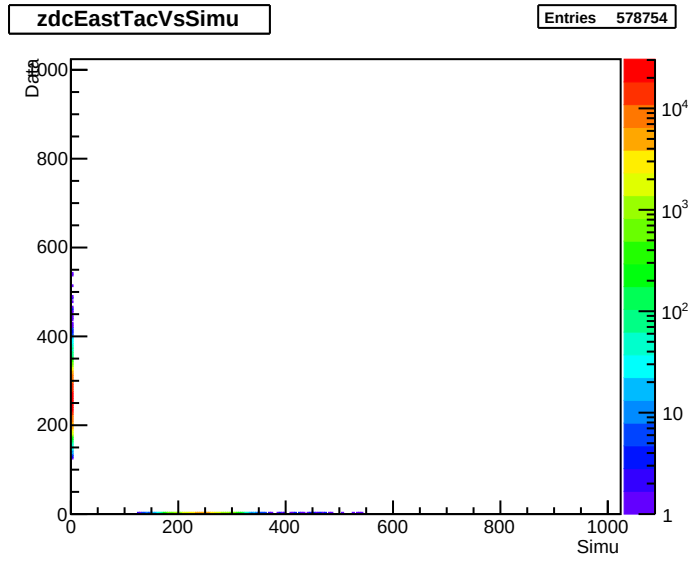

vpdWestNHits
Entries3083779

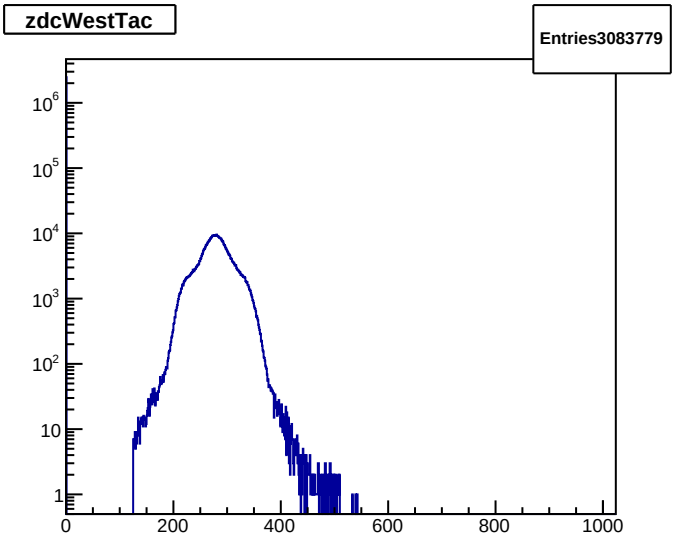

vpdWestNHitsVsSimu
Entries 1047492

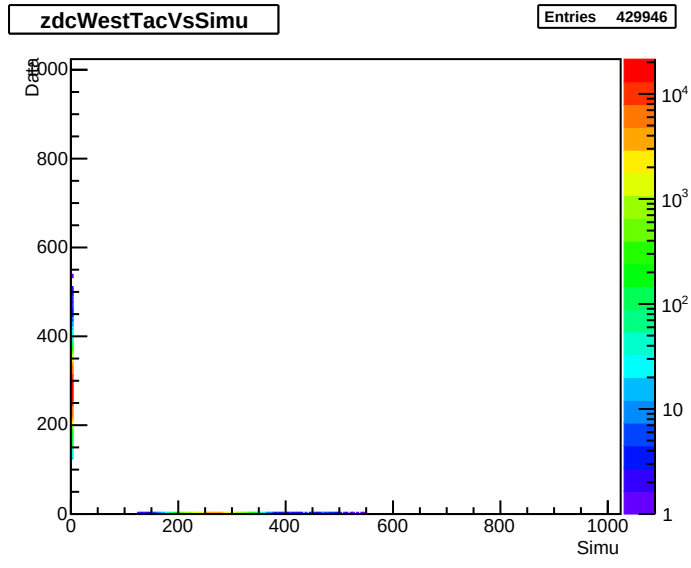

vpdWestTacSum
Entries3083779

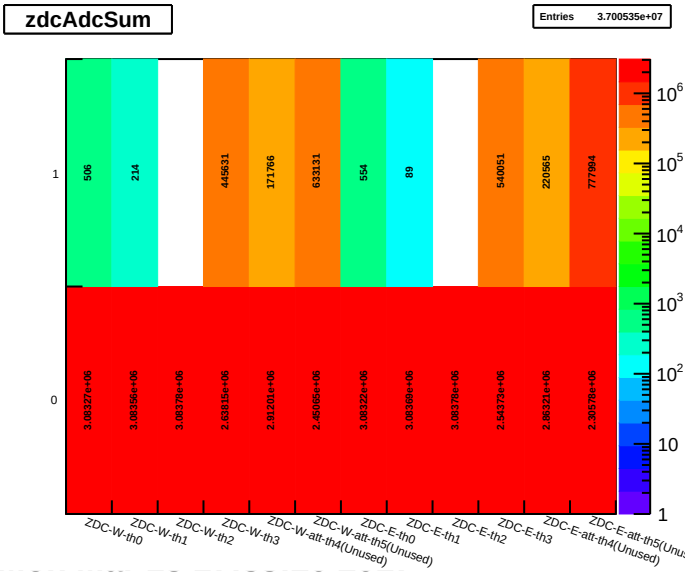

vpdWestTacSumVsSimu
Entries 2661874
Data
Simu

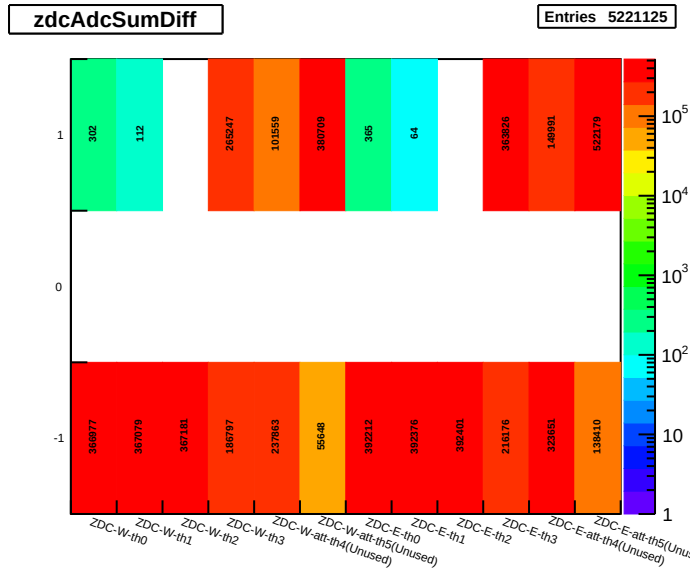

zdcEastTac
Entries3083779

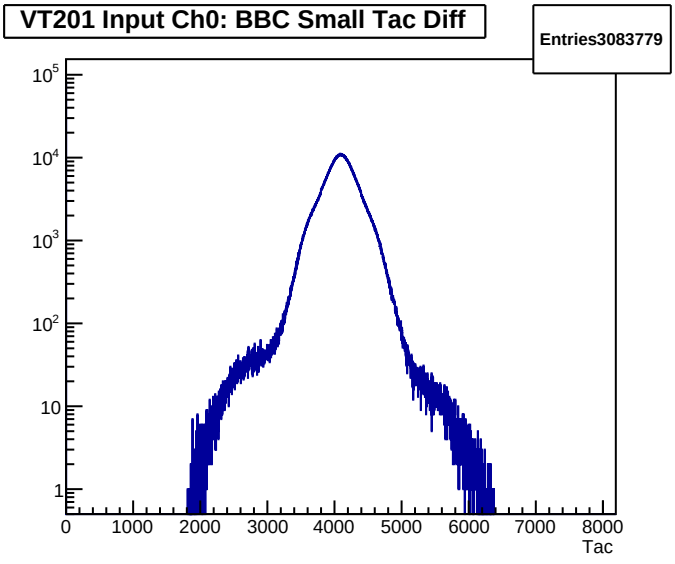

zdcEastTacVsSimu
Entries 578754
Data
Simu

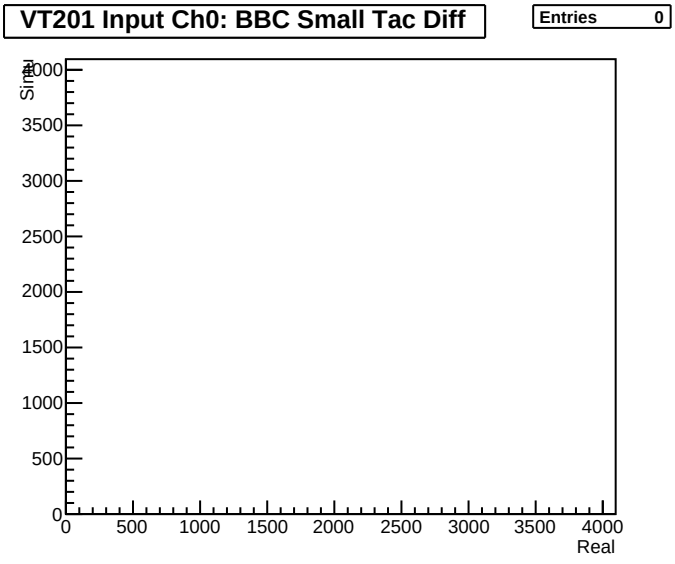

zdcWestTac
Entries3083779

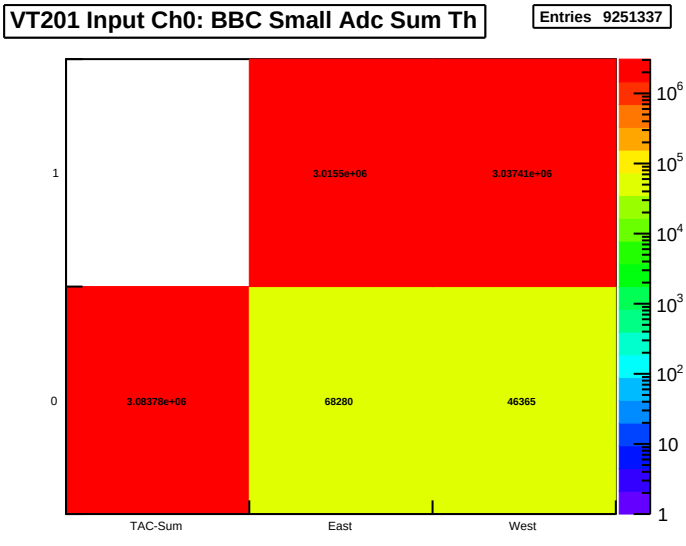

zdcWestTacVsSimu
Entries 429946
Data
Simu

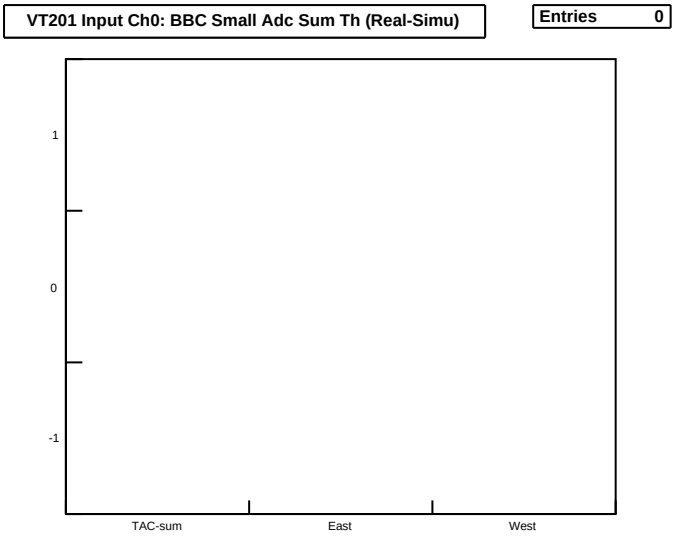

zdcAdcSum
Entries 3.700535e+07
506
214
445631
171766
633131
554
89
540051
220565
777994
3.06327e+06
3.09356e+05
3.09378e+06
2.63815e+06
2.91201e+06
2.45065e+06
3.06322e+06
3.06368e+06
3.09378e+05
2.54372e+06
2.86321e+06
2.30578e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

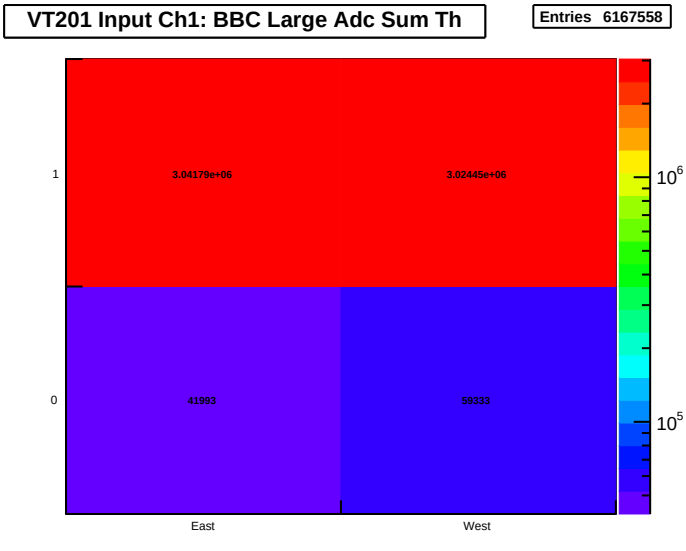

zdcAdcSumDiff
Entries 5221125
302
112
265247
101559
380709
365
64
363826
149991
522179
366977
367079
367161
186797
237863
55648
392212
392376
392401
216176
323651
138410
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

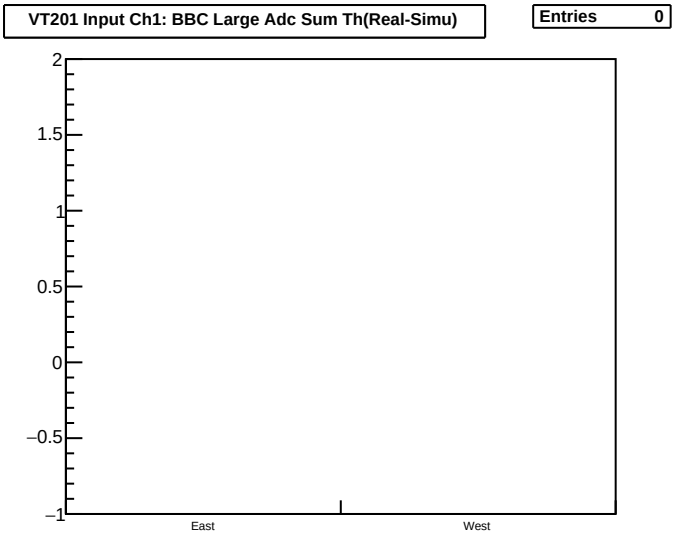

VT201 Input Ch0: BBC Small Tac Diff
Entries3083779
Tac


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

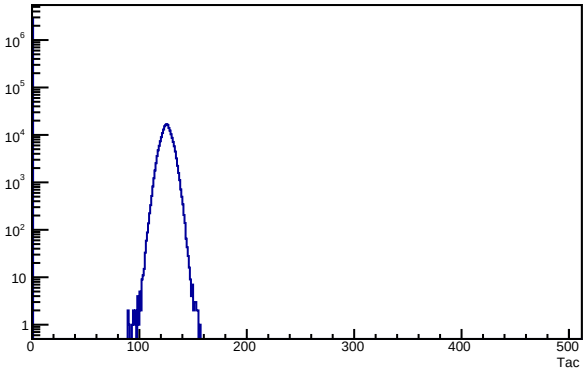

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 9251337
3.0155e+06
3.03741e+06
3.08378e+06
68280
46365
TAC-Sum
East
West


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

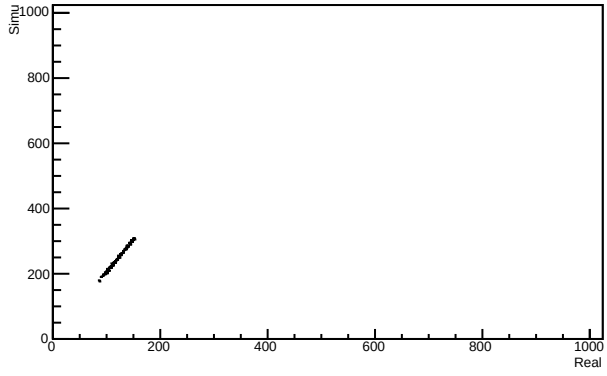

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 6167558
3.04179e+06
3.02445e+06
41993
59333
East
West


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

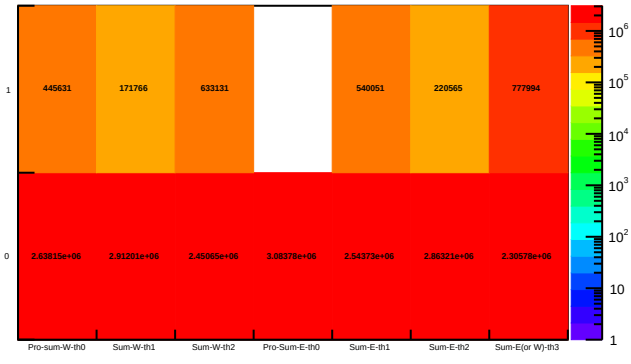
VT201 Input Ch2: ZDC Tac Diff



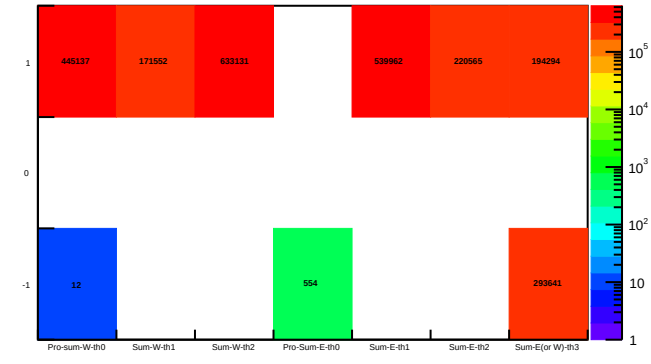
VT201 Input Ch2: ZDC Tac Diff



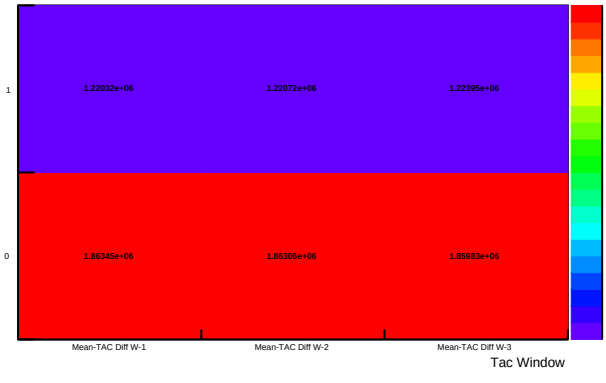
VT201 Input Ch2: ZDC Adc Sum Th



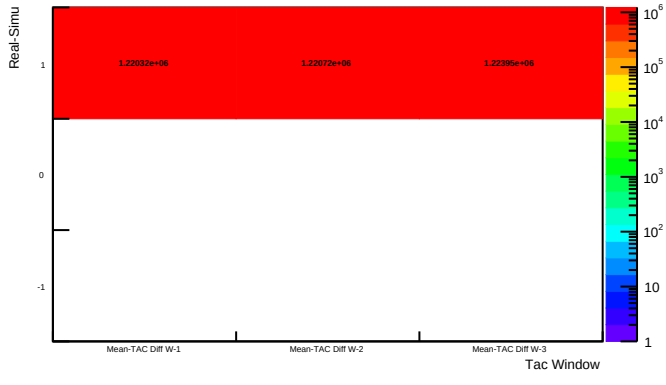
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



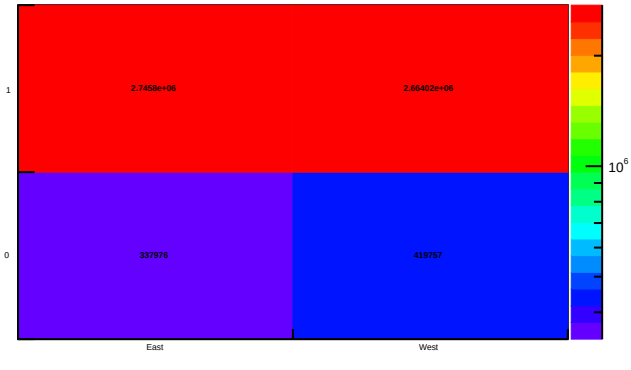
VT201 Input Ch4: VPD Tac Diff



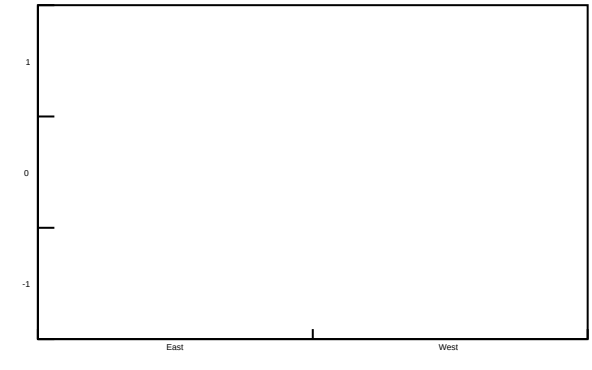
VT201 Input Ch4: VPD Tac Diff

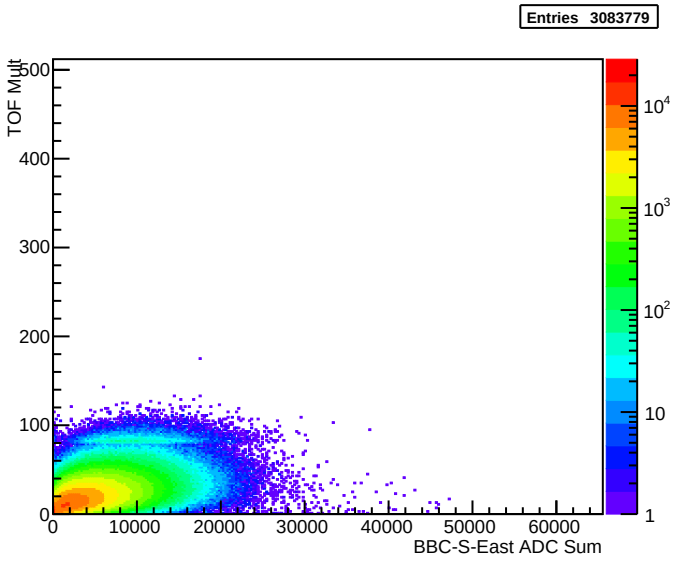


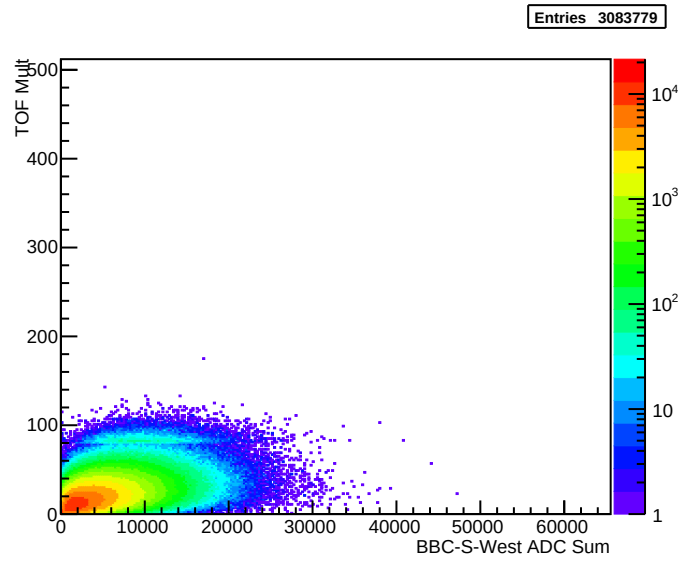
VT201 Input Ch4: VPD Adc Sum Th

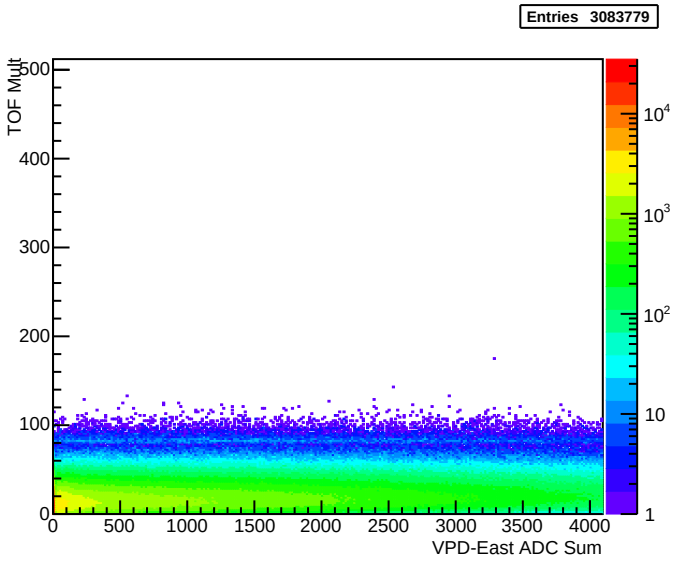


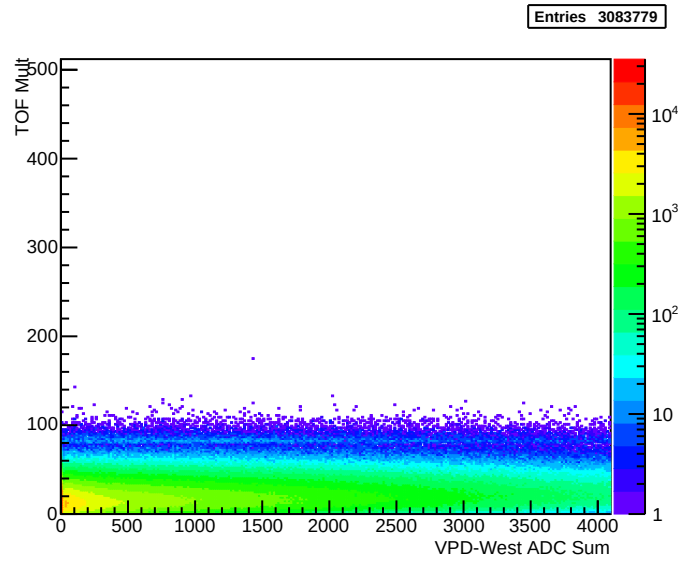
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

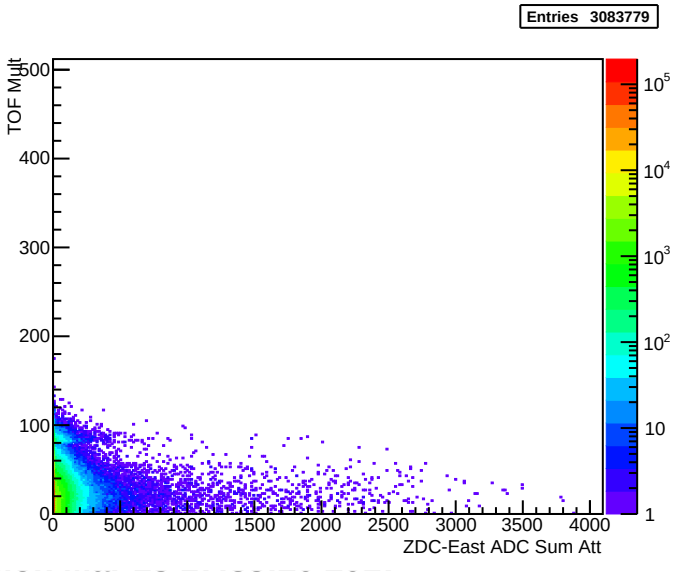


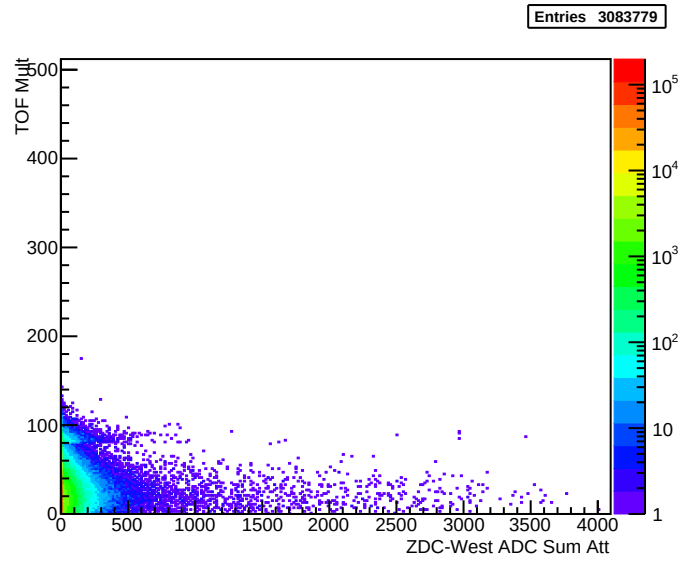

Entries 3083779
TOF Mult
BBC-S-East ADC Sum

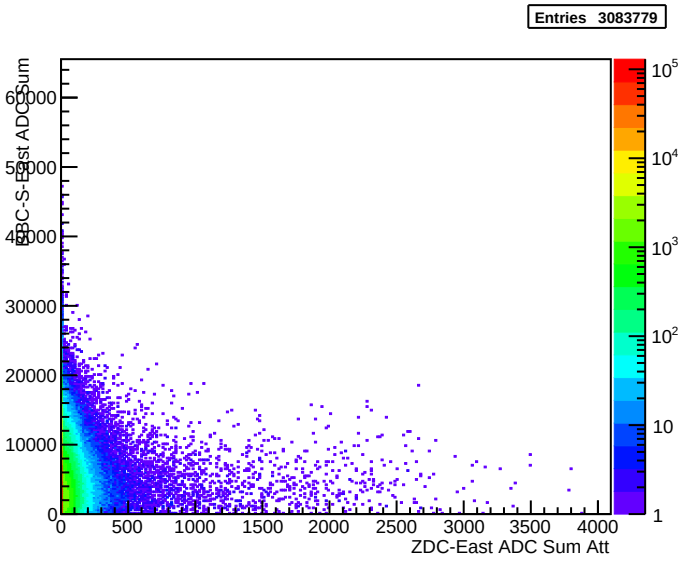

Entries 3083779
TOF Mult
BBC-S-West ADC Sum

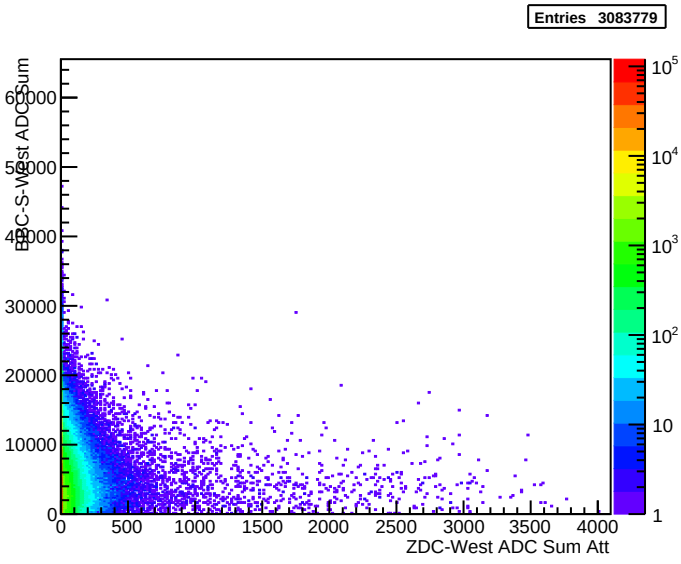

Entries 3083779
TOF Mult
VPD-East ADC Sum

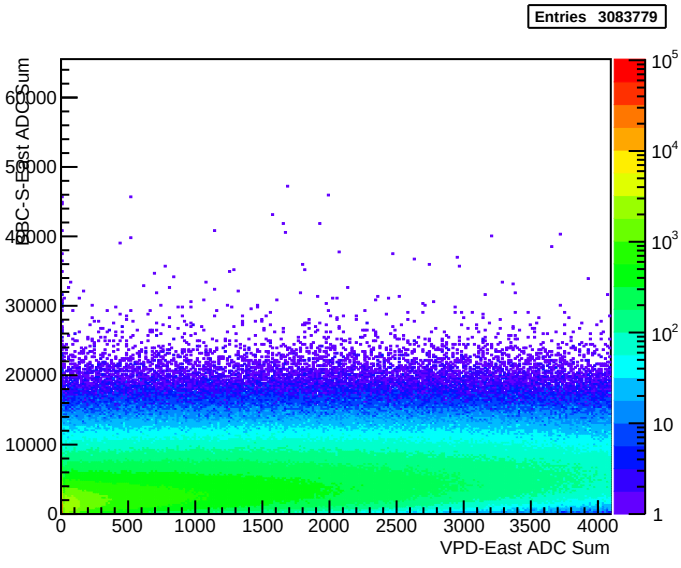

Entries 3083779
TOF Mult
VPD-West ADC Sum

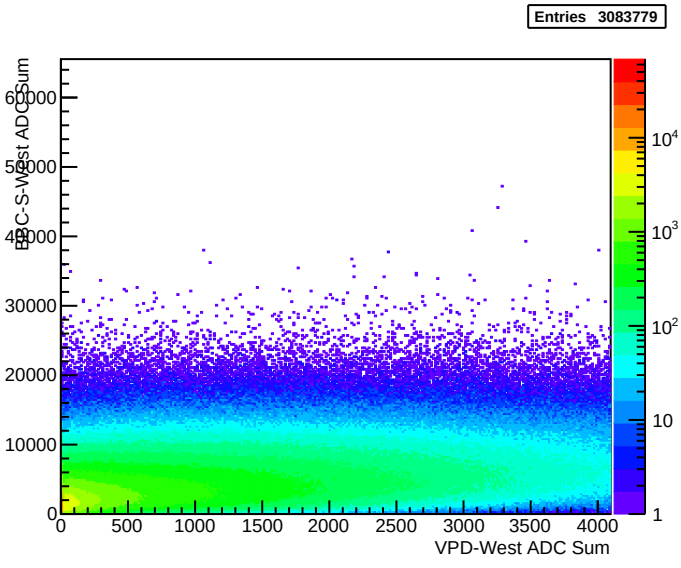

Entries 3083779
TOF Mult
ZDC-East ADC Sum Att

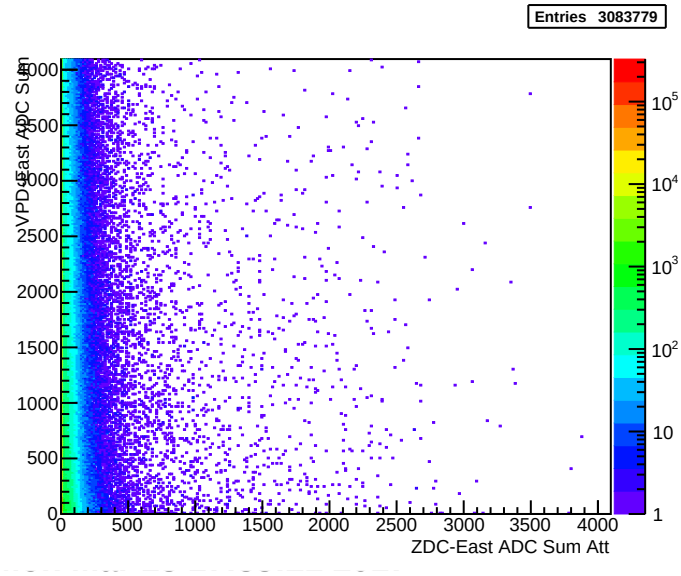

Entries 3083779
TOF Mult
ZDC-West ADC Sum Att

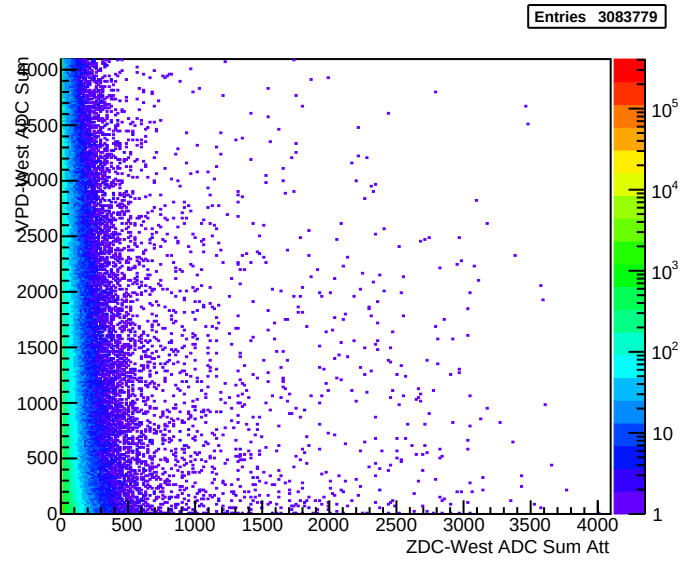

Entries 3083779
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

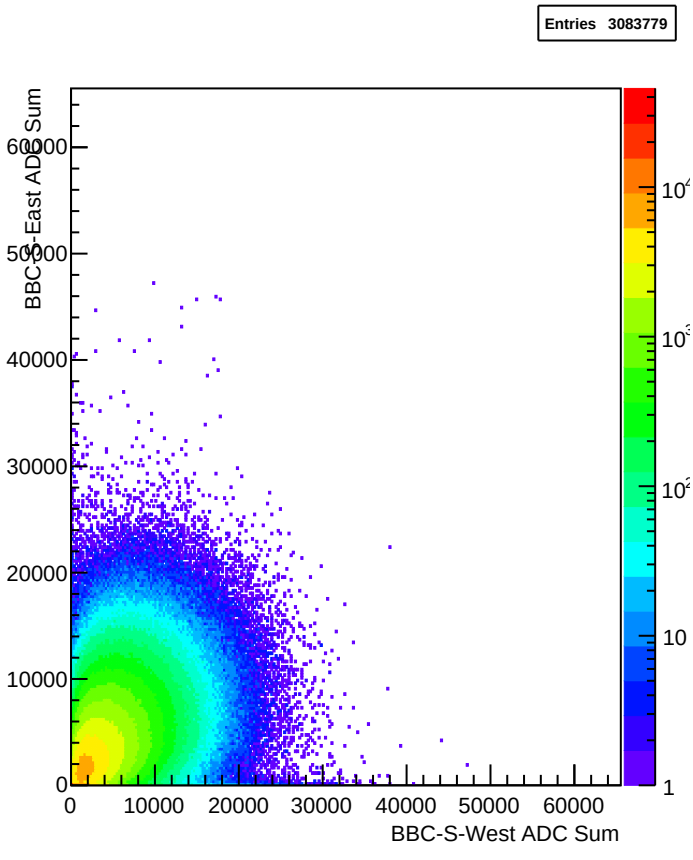

Entries 3083779
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

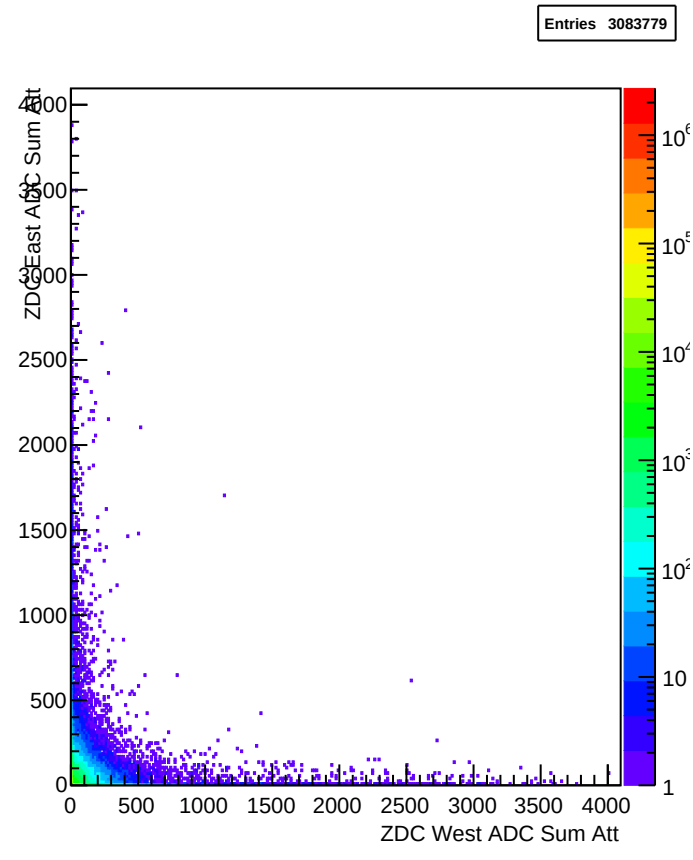

Entries 3083779
BBC-S-East ADC Sum
VPD-East ADC Sum

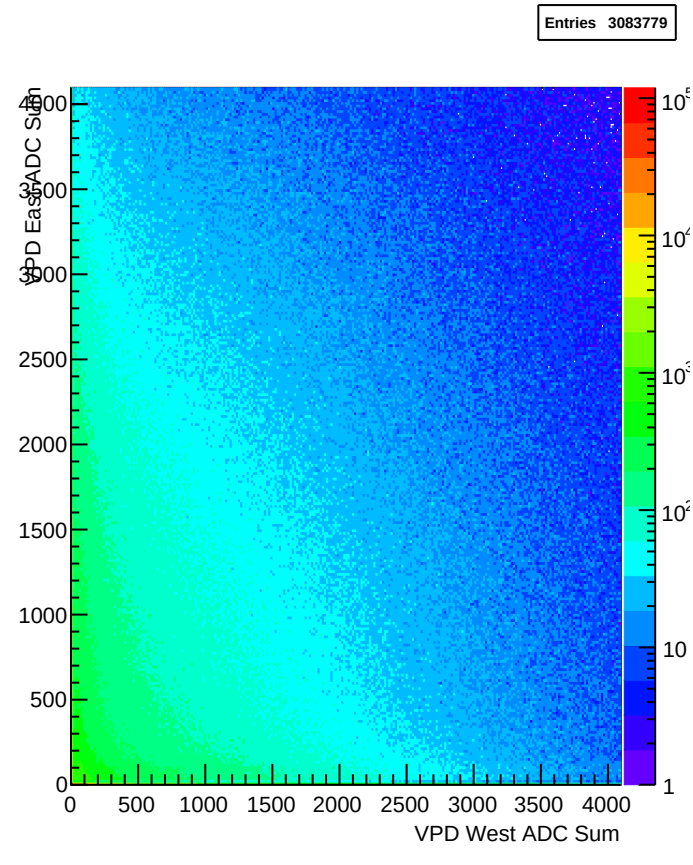

Entries 3083779
BBC-S-West ADC Sum
VPD-West ADC Sum

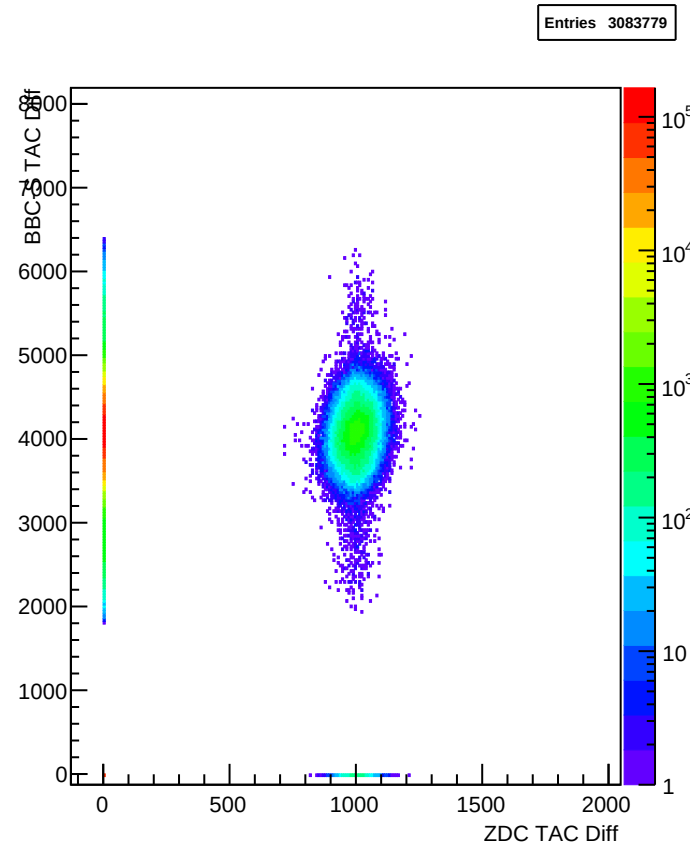

Entries 3083779
VPD-East ADC Sum
ZDC-East ADC Sum Att

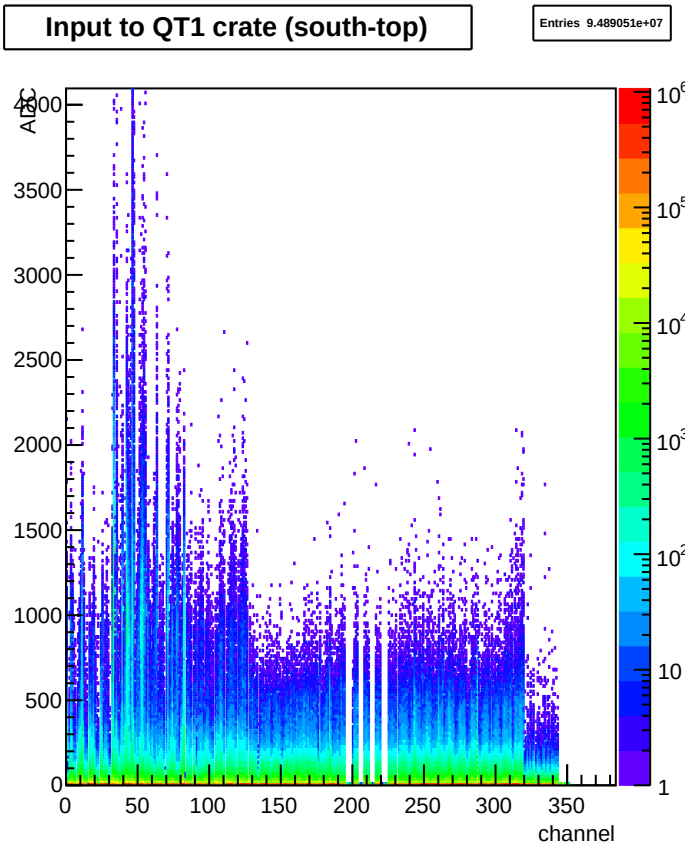

Entries 3083779
VPD-West ADC Sum
ZDC-West ADC Sum Att

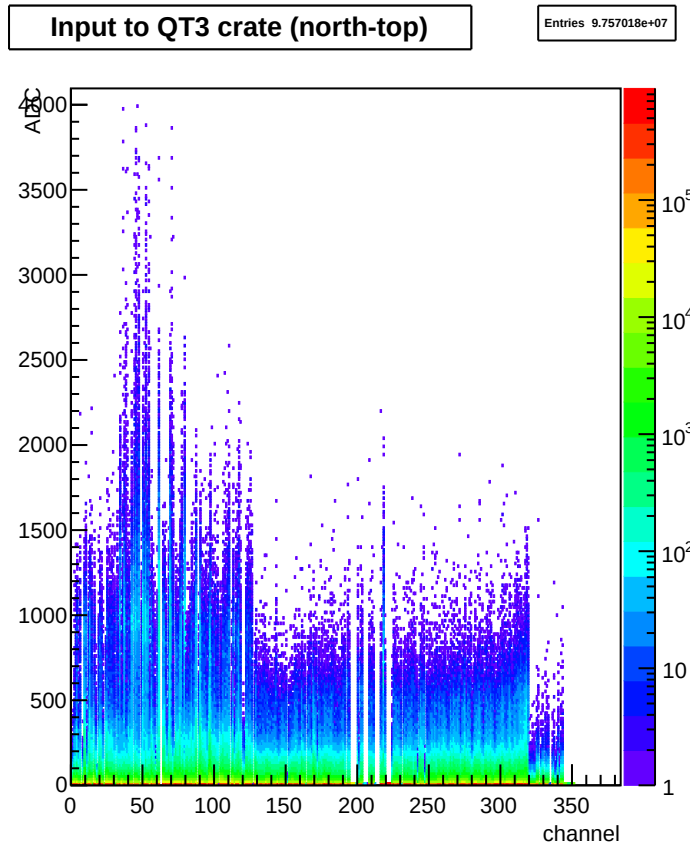

Entries 3083779
BBC-S-East ADC Sum
BBC-S-West ADC Sum

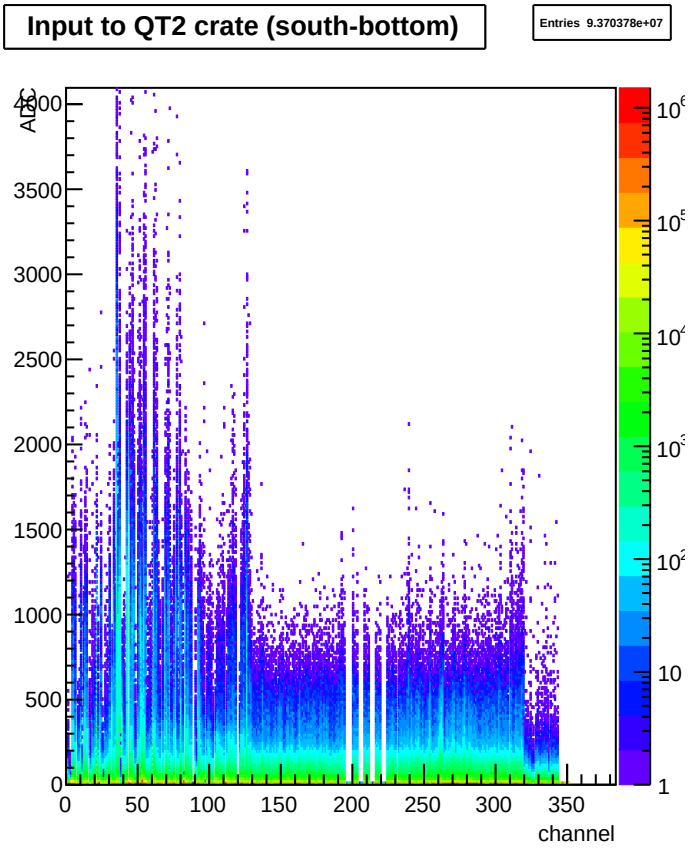

Entries 3083779
ZDC East ADC Sum Att
ZDC West ADC Sum Att

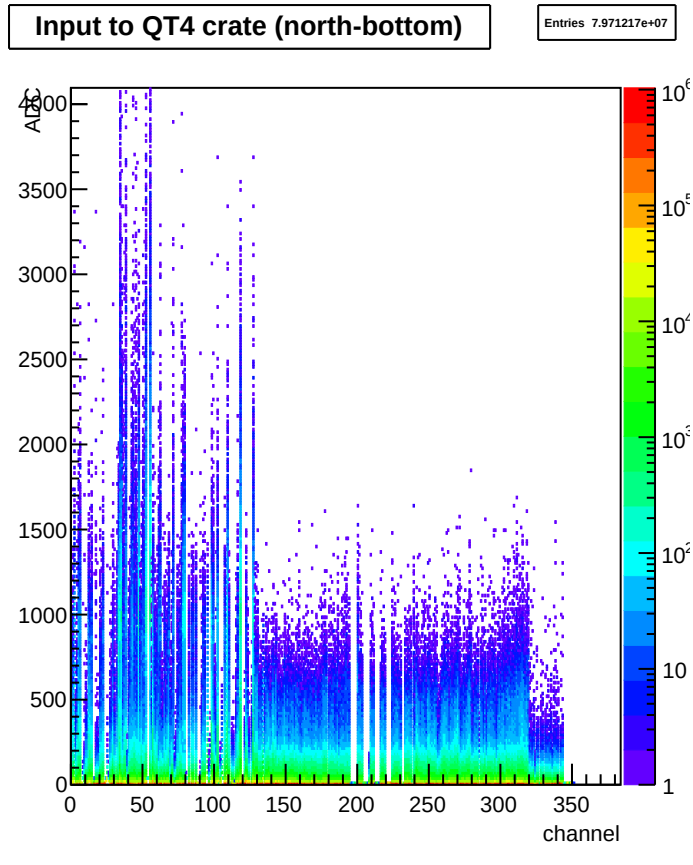

Entries 3083779
VPD East ADC Sum
VPD West ADC Sum

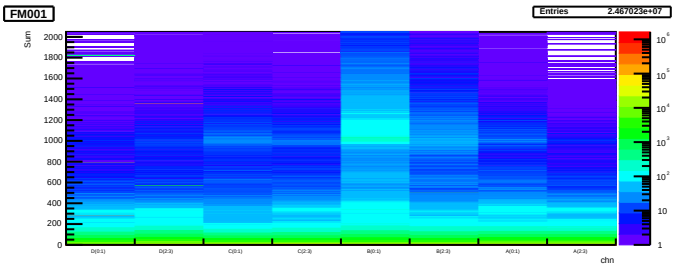

Entries 3083779
BBC-S TAC Diff
ZDC TAC Diff

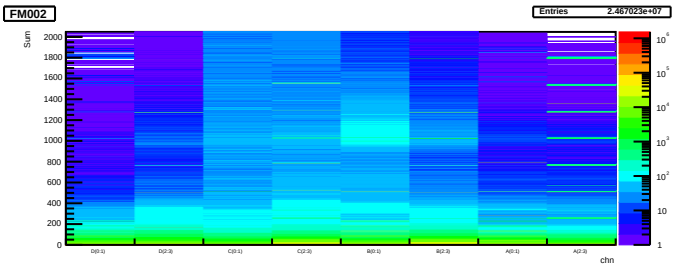

Input to QT1 crate (south-top)
Entries 9.489051e+07
ADC
channel

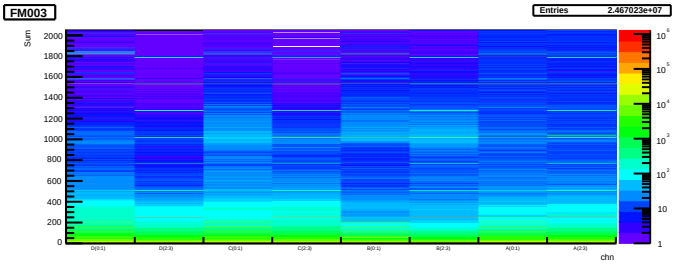

Input to QT3 crate (north-top)
Entries 9.757018e+07
ADC
channel

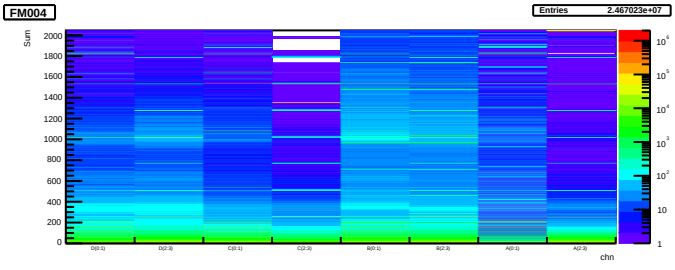

Input to QT2 crate (south-bottom)
Entries 9.370378e+07
ADC
channel

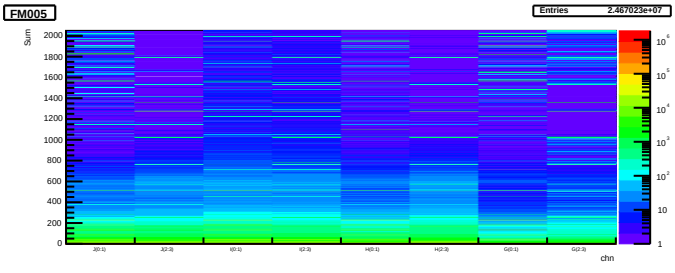

Input to QT4 crate (north-bottom)
Entries 7.971217e+07
ADC
channel

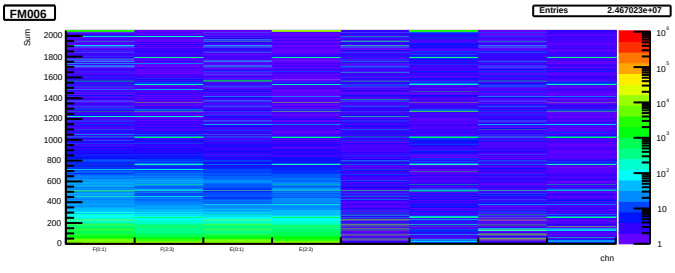

FM001
Entries 2.467023e+07
Sum
chn

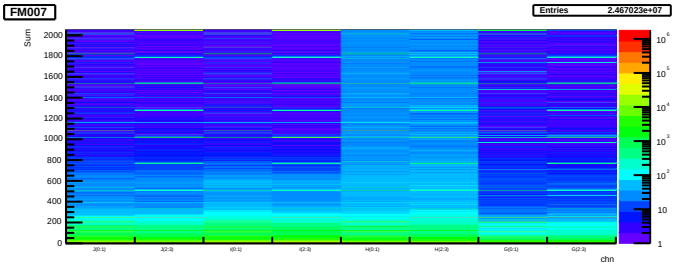

FM002
Entries 2.467023e+07
Sum
chn


FM003
Entries 2.467023e+07
Sum
chn


FM004
Entries 2.467023e+07
Sum
chn


FM005
Entries 2.467023e+07
Sum
chn


FM006
Entries 2.467023e+07
Sum
chn


FM007
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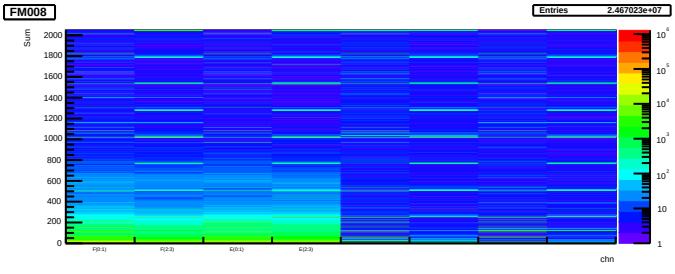
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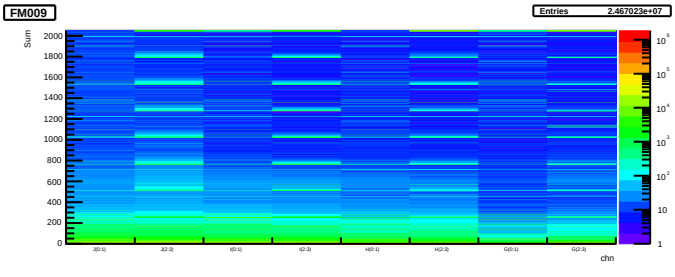
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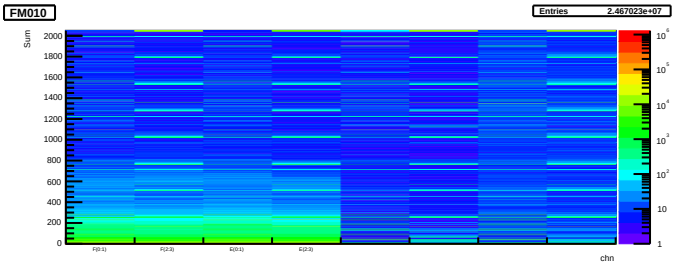
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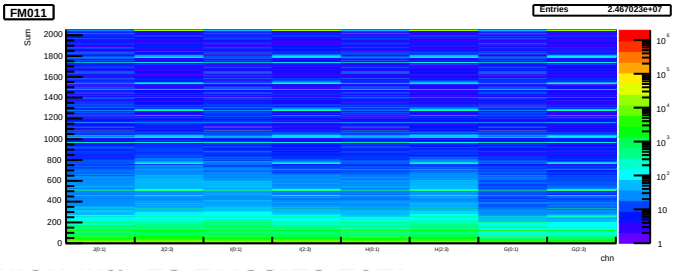
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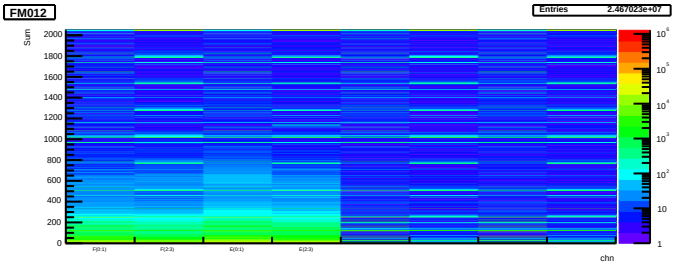
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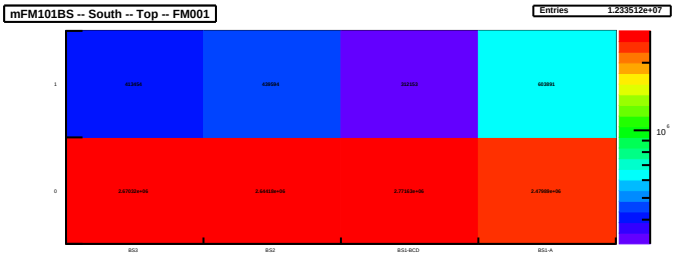
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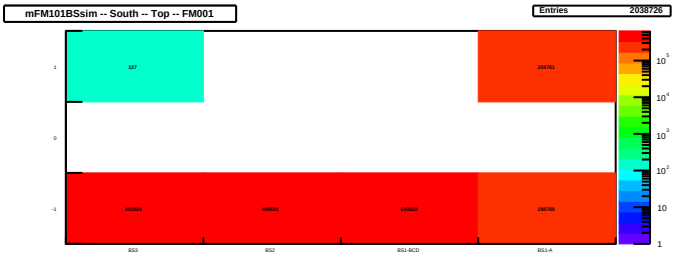
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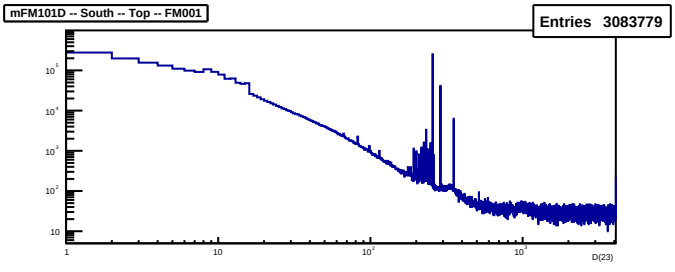
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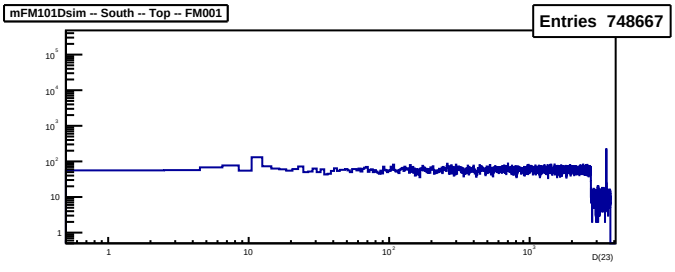
Entries 3083779
D(23)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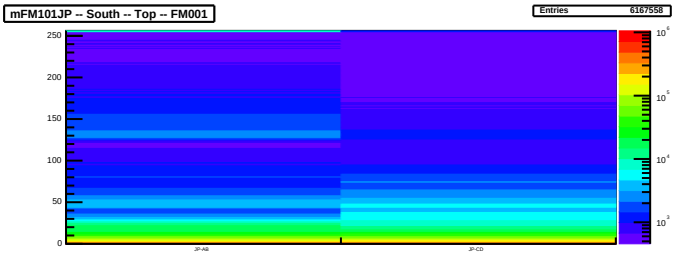
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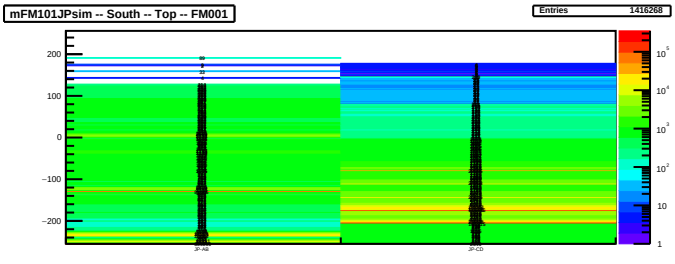
Entries 6167558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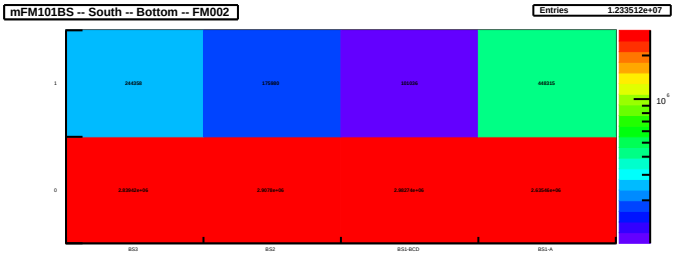
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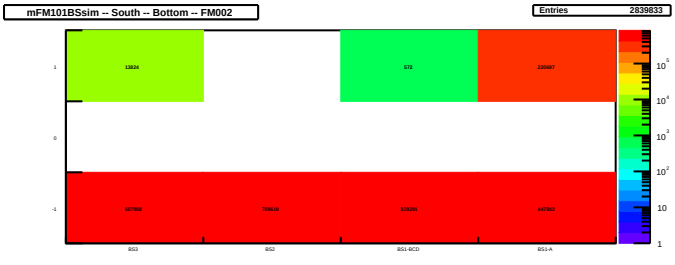
Entries 1.233512e+07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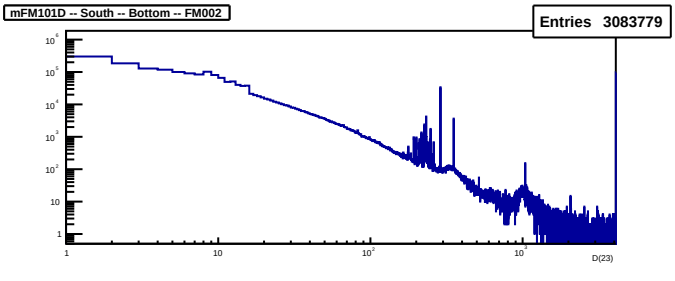
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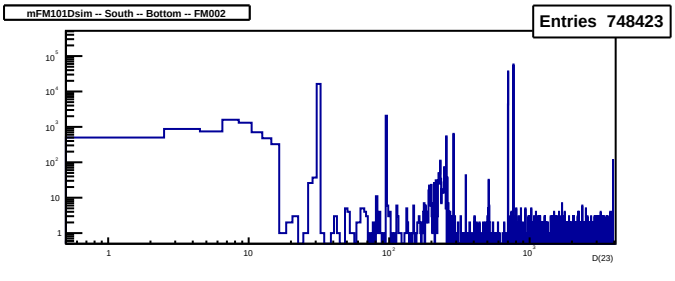
Entries 3083779
D(23)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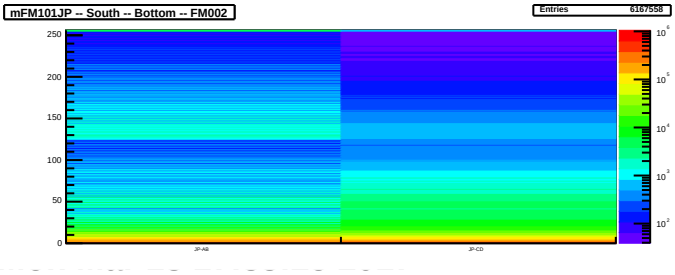
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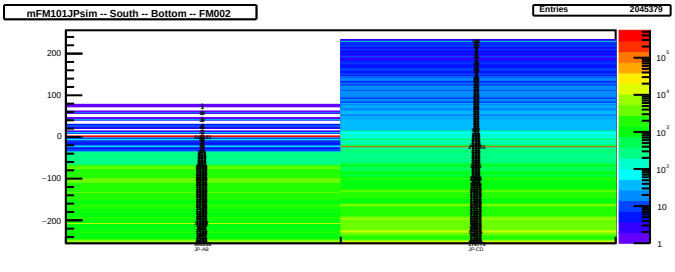
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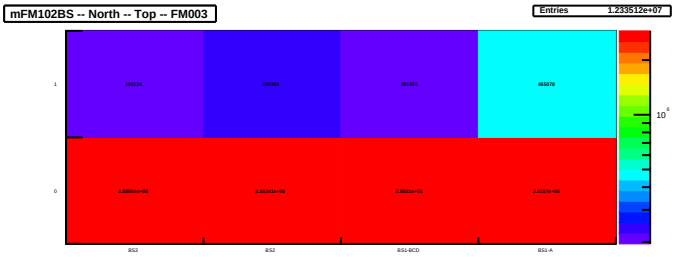
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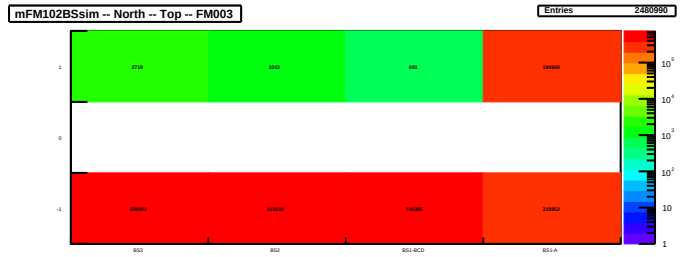
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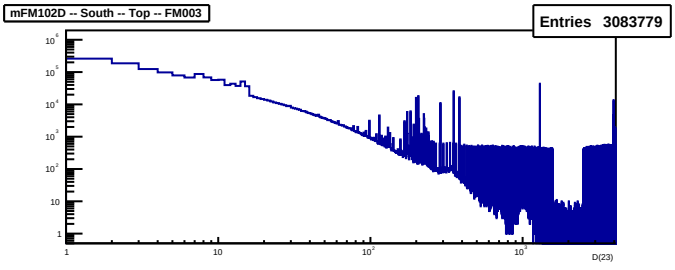
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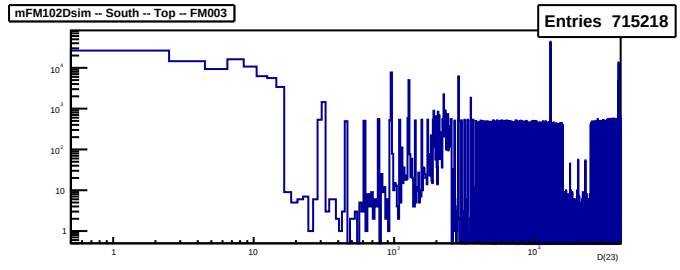
Entries 3083779
D(23)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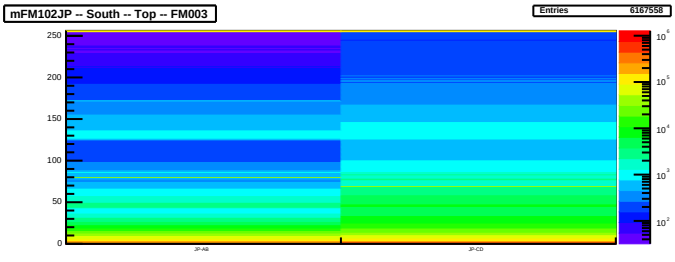
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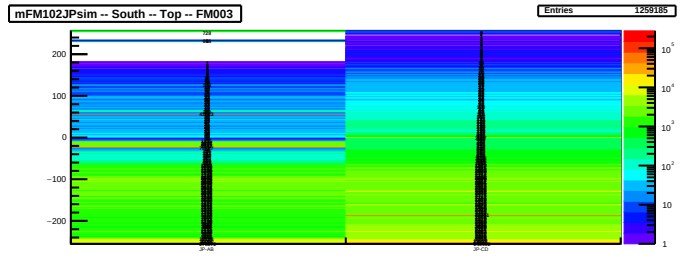
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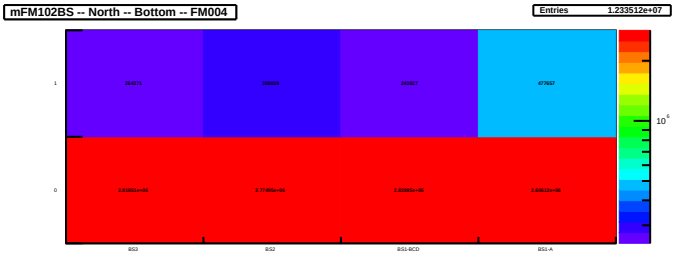
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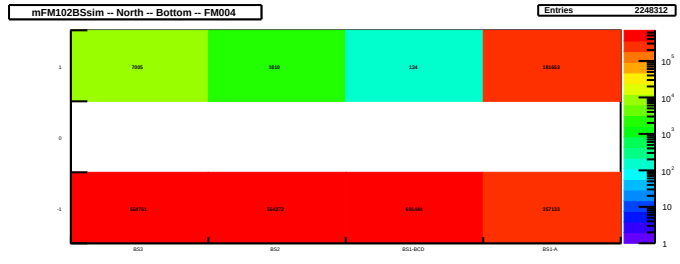
Entries 1.233512e+07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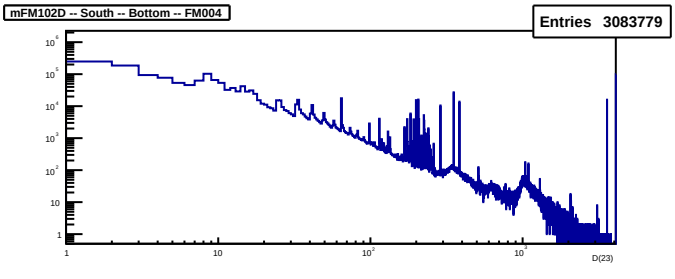
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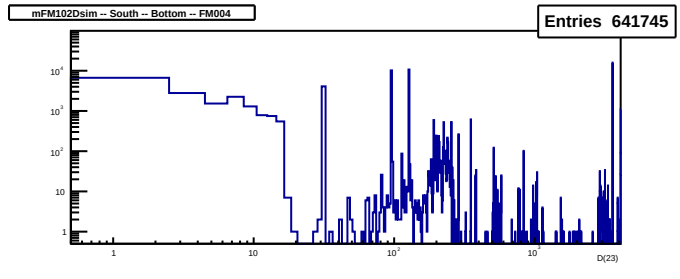
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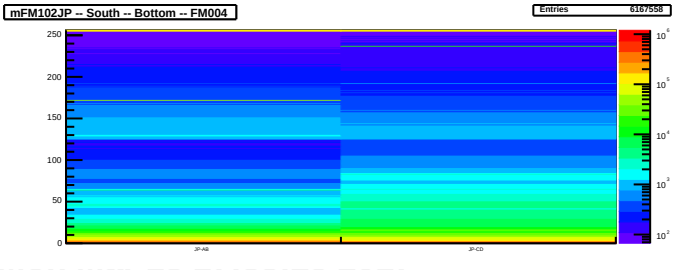
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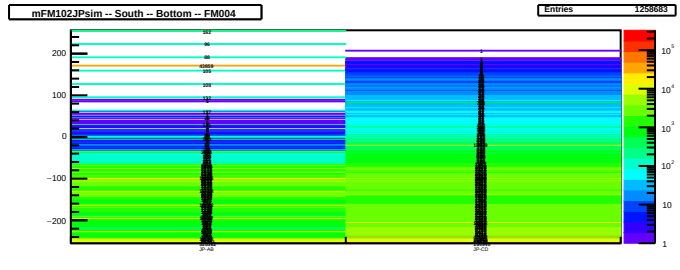
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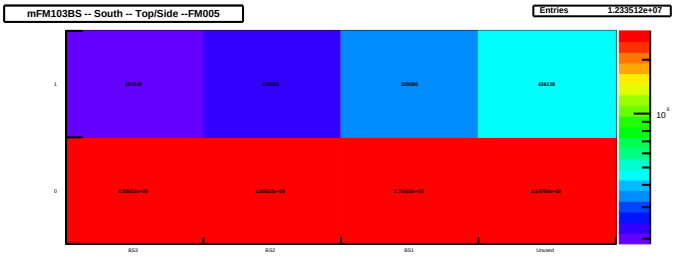
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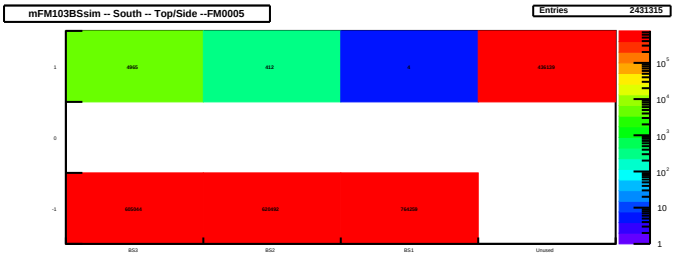
Entries 1.233512e+07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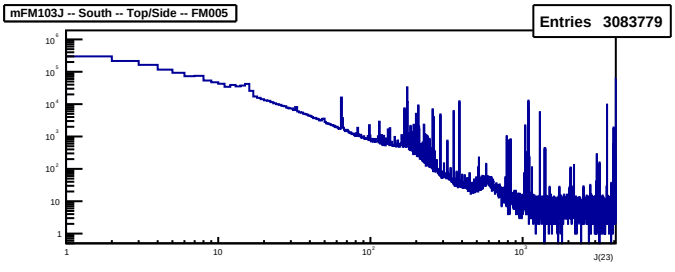
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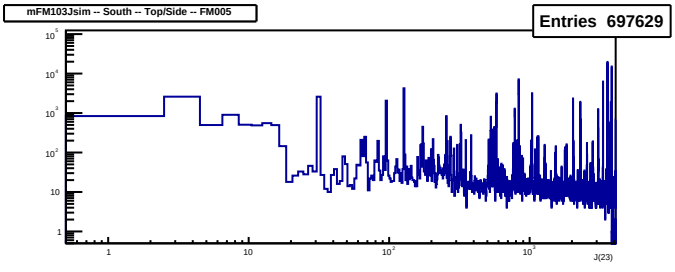
Entries 3083779
J(23)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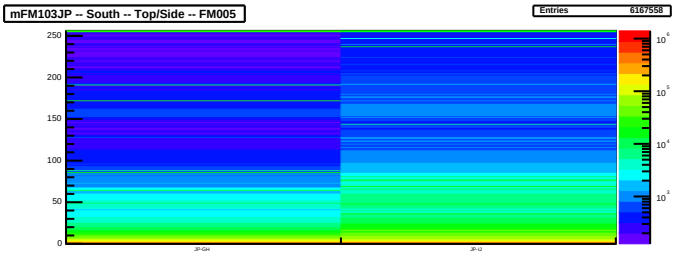
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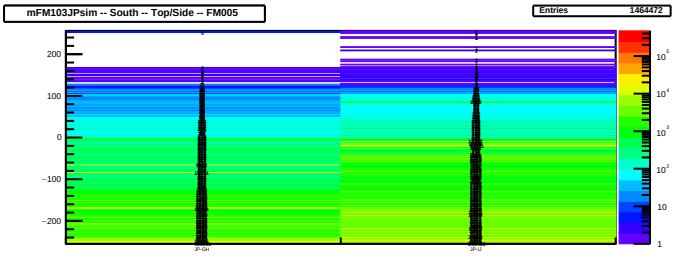
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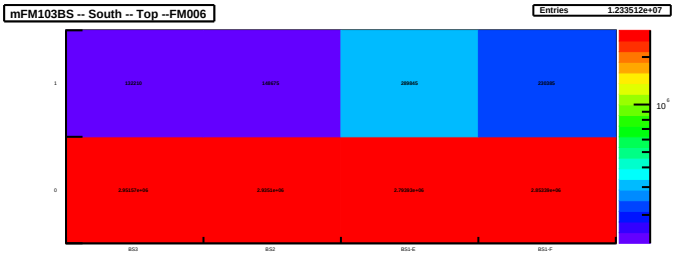
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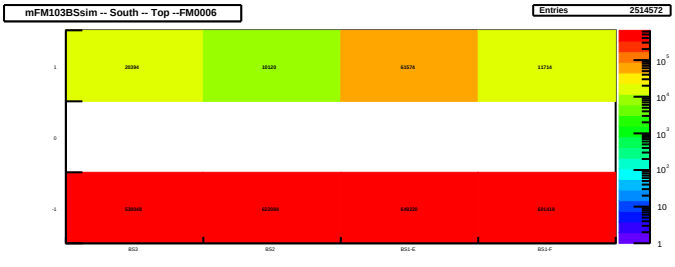
Entries 1.233512e+07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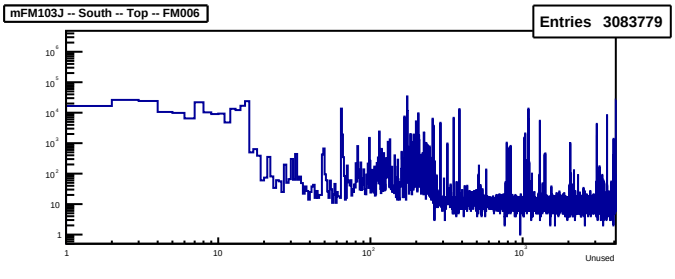
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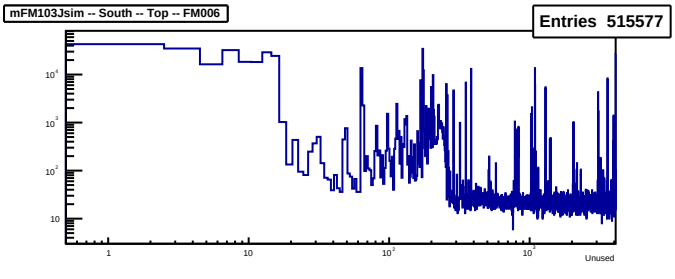
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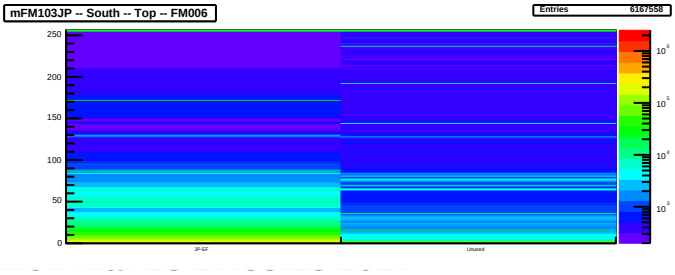
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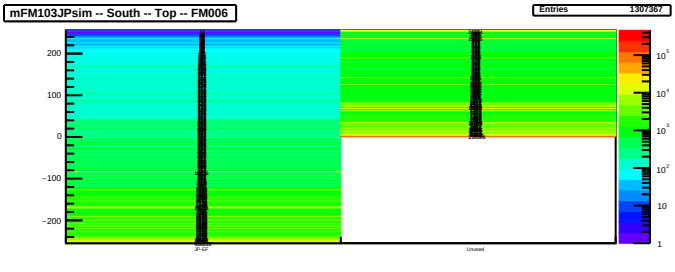
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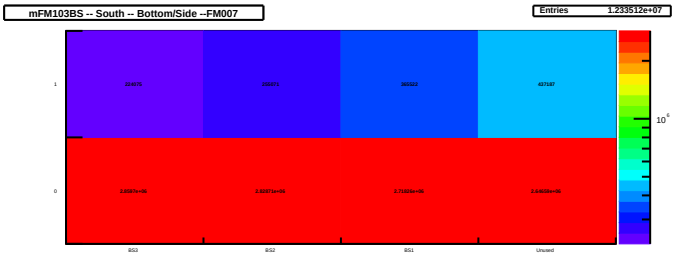
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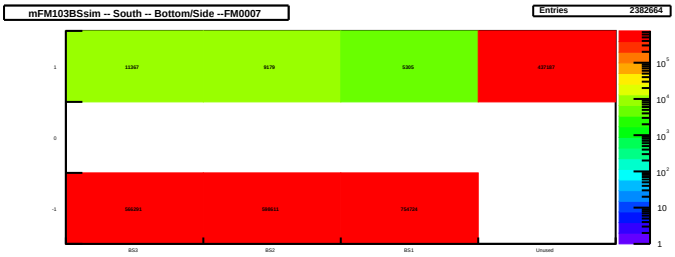
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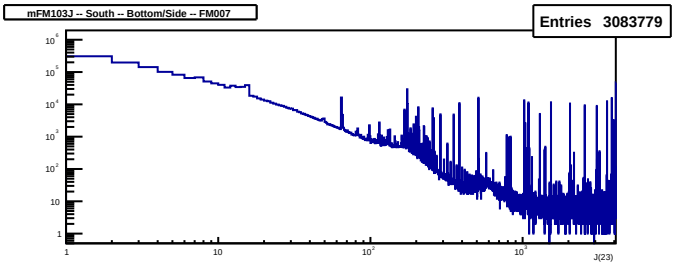
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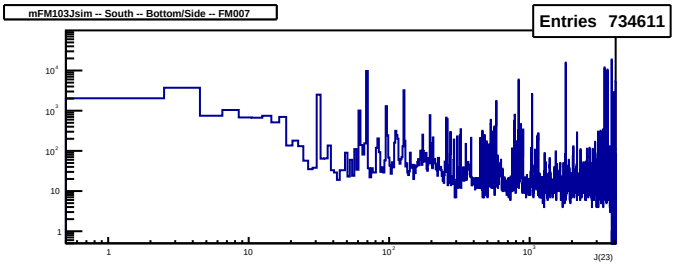
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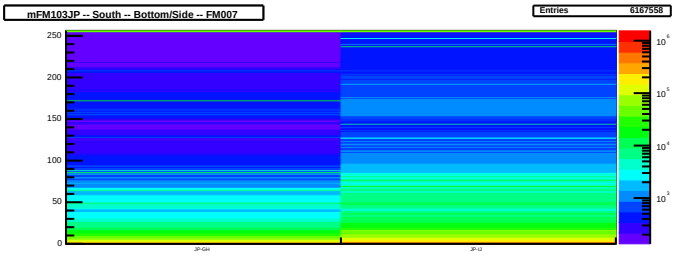
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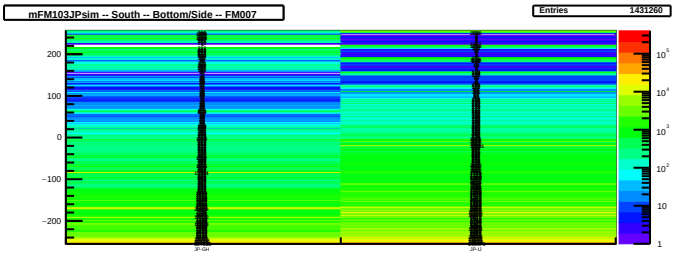
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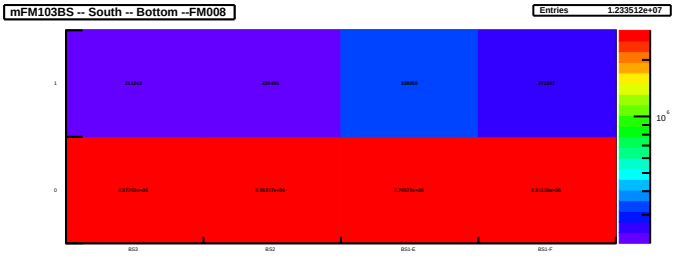
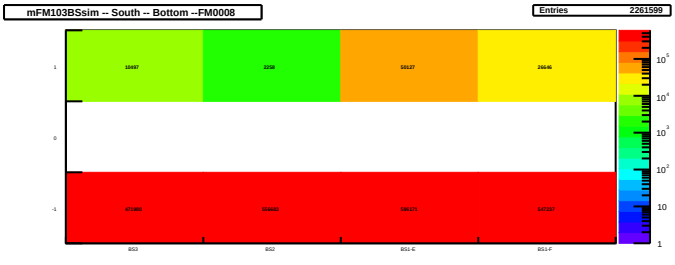

mFM103BS -- South -- Bottom --FM008
Entries 1.233512e+07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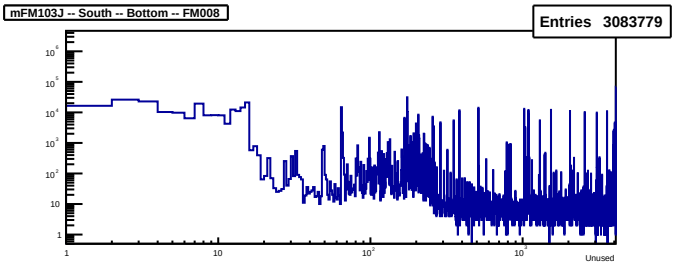
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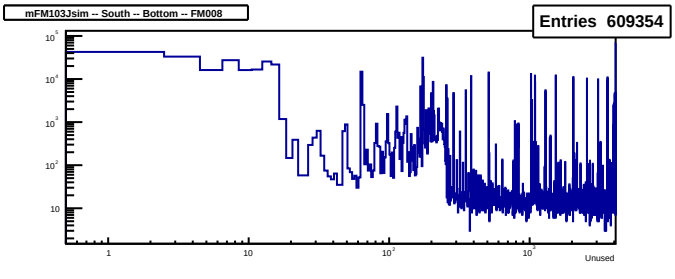
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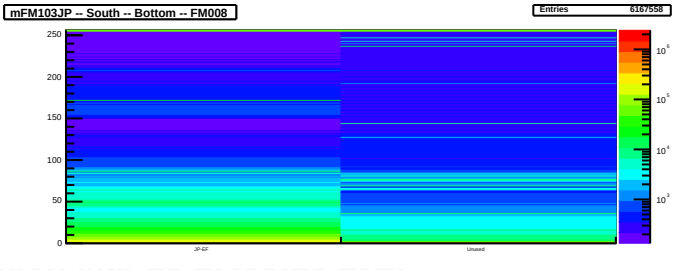
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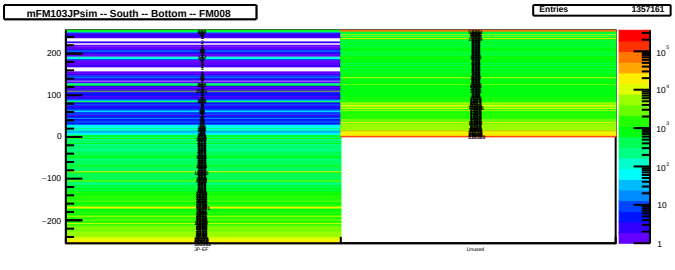
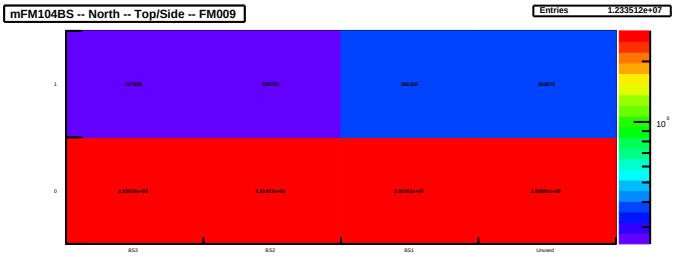
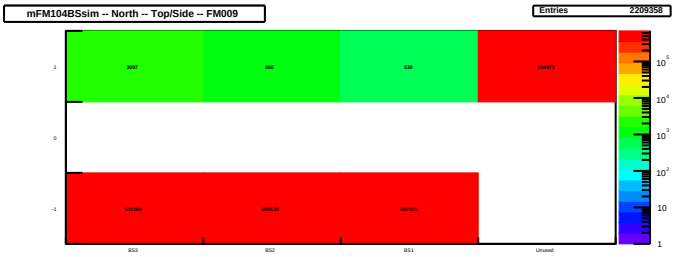
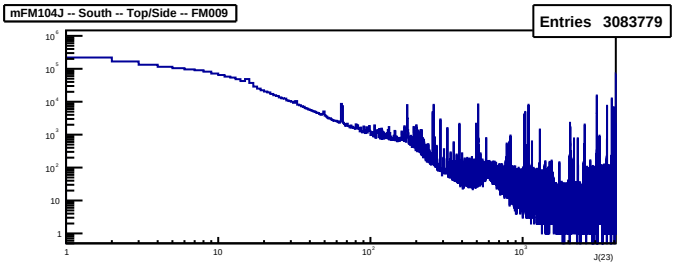
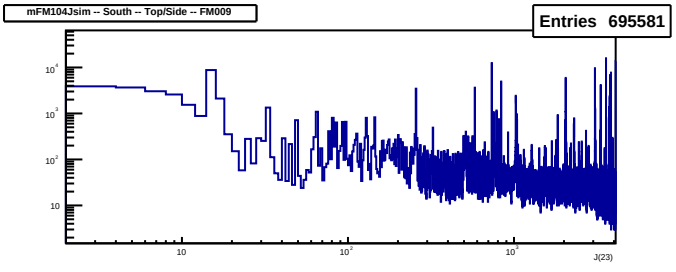
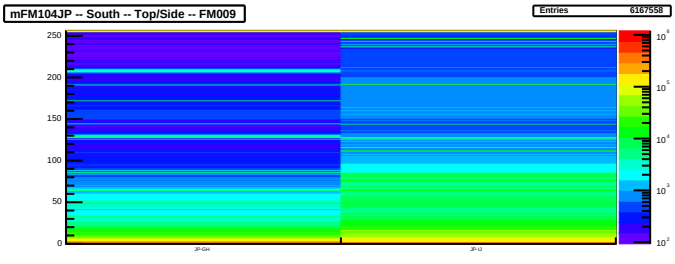

mFM103JPsim -- South -- Bottom -- FM008
Entries 1357161

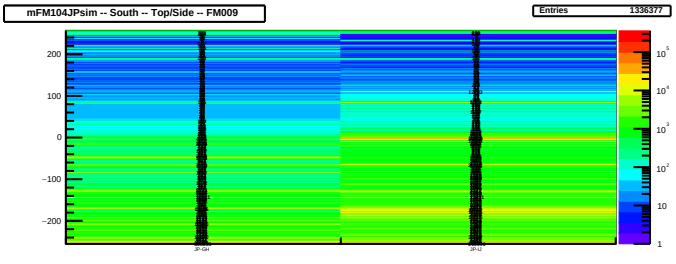

mFM104BS -- North -- Top/Side -- FM009
Entries 1.233512e+07

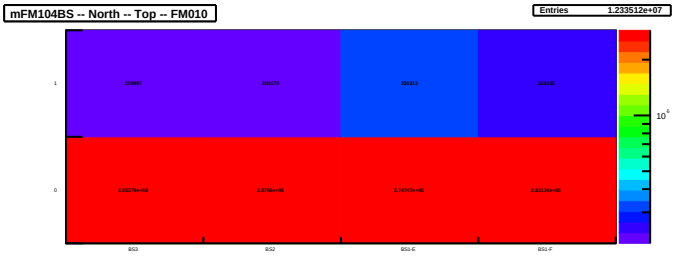

mFM104BSsim -- North -- Top/Side -- FM009
Entries 2209358

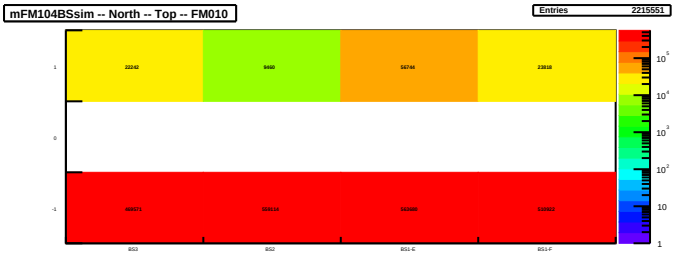

mFM104J -- South -- Top/Side -- FM009
Entries 3083779
J(23)

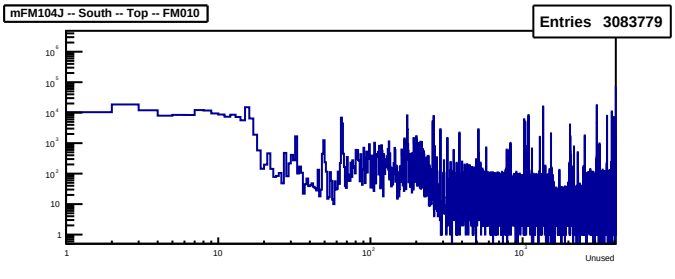

mFM104Jsim -- South -- Top/Side -- FM009
Entries 695581
J(23)

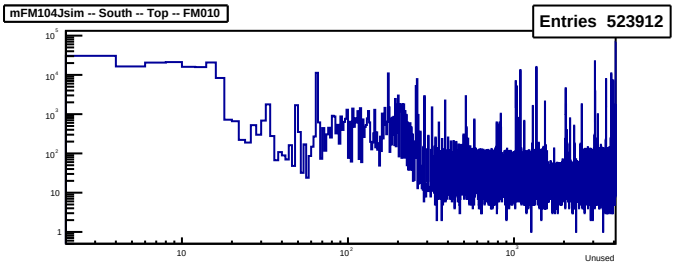

mFM104JP -- South -- Top/Side -- FM009
Entries 6167558

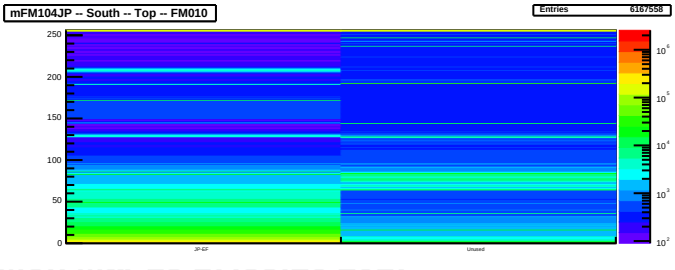

mFM104JPsim -- South -- Top/Side -- FM009
Entries 1336377

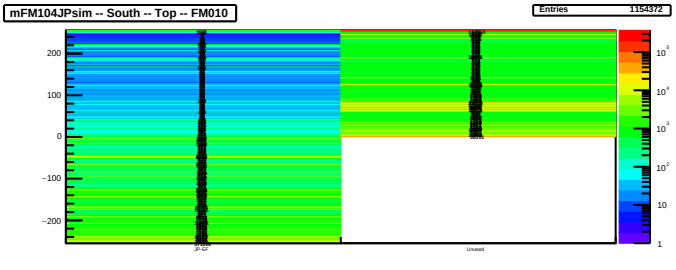

mFM104BS -- North -- Top -- FM010
Entries 1.233512e+07

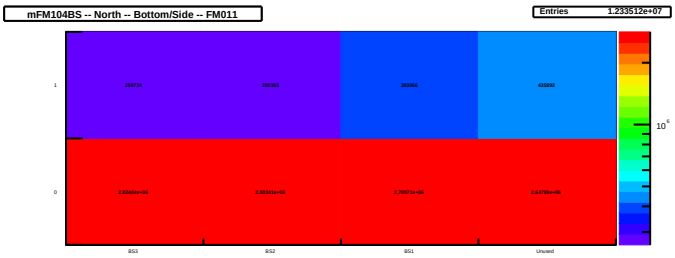

mFM104BSsim -- North -- Top -- FM010
Entries 2215551

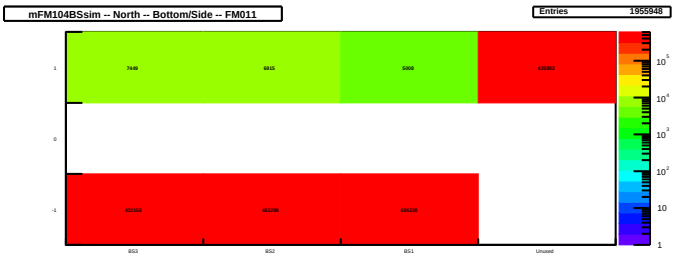

mFM104J -- South -- Top -- FM010
Entries 3083779
Unused

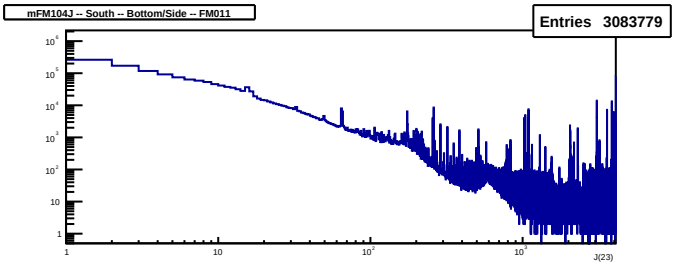

mFM104Jsim -- South -- Top -- FM010
Entries 523912
Unused

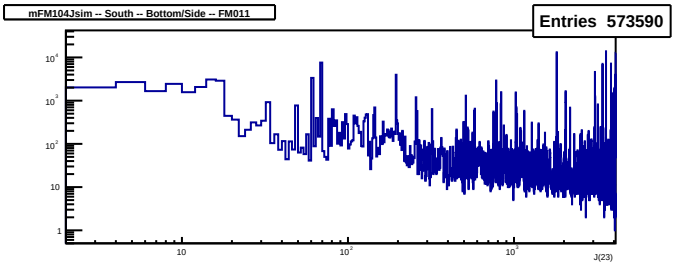

mFM104JP -- South -- Top -- FM010
Entries 6167558

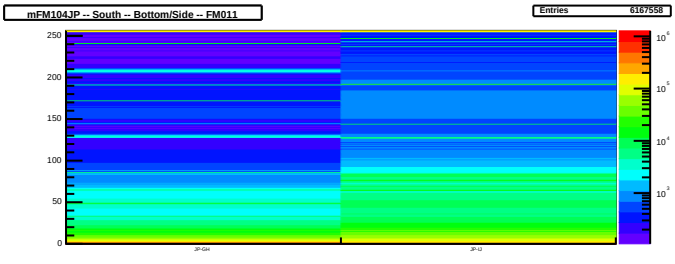

mFM104JPsim -- South -- Top -- FM010
Entries 1154372

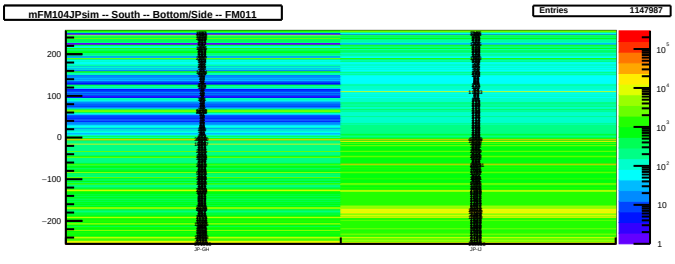

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.233512e+07

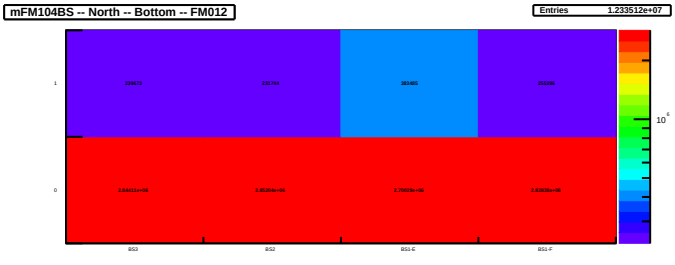

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 1955948

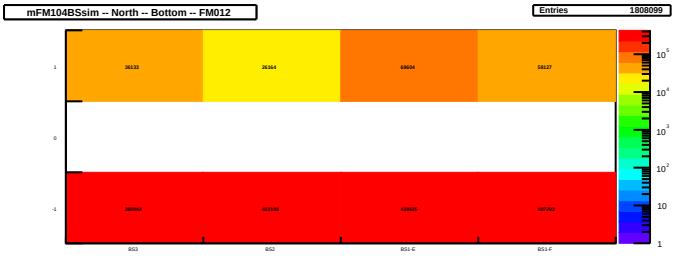

mFM104J -- South -- Bottom/Side -- FM011
Entries 3083779
J(23)

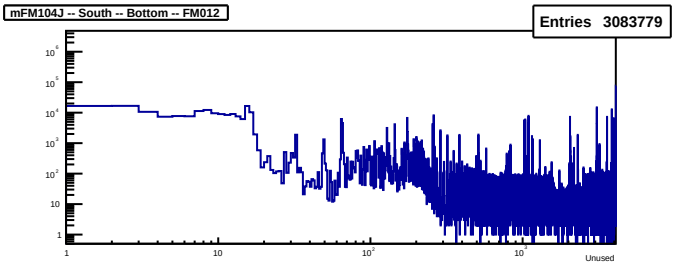

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 573590
J(23)

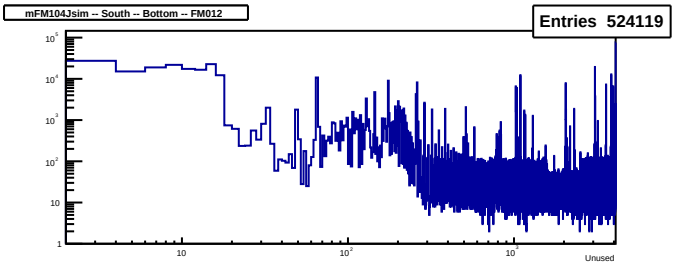

mFM104JP -- South -- Bottom/Side -- FM011
Entries 6167558

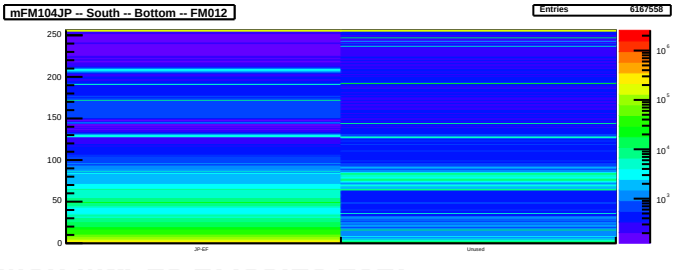

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 1147987

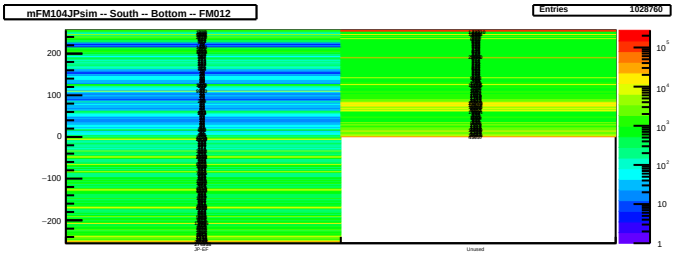

mFM104BS -- North -- Bottom -- FM012
Entries 1.233512e+07

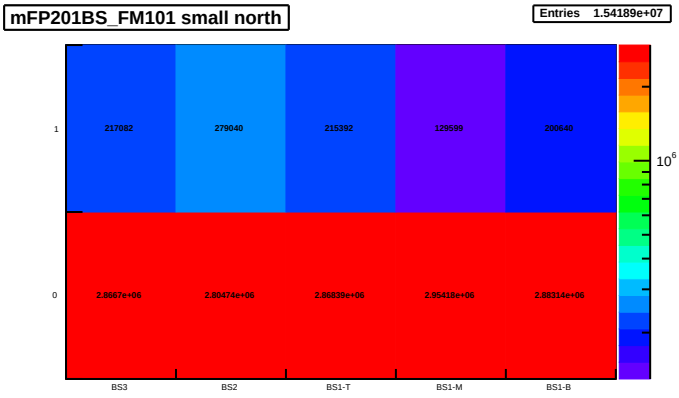

mFM104BSsim -- North -- Bottom -- FM012
Entries 1808099

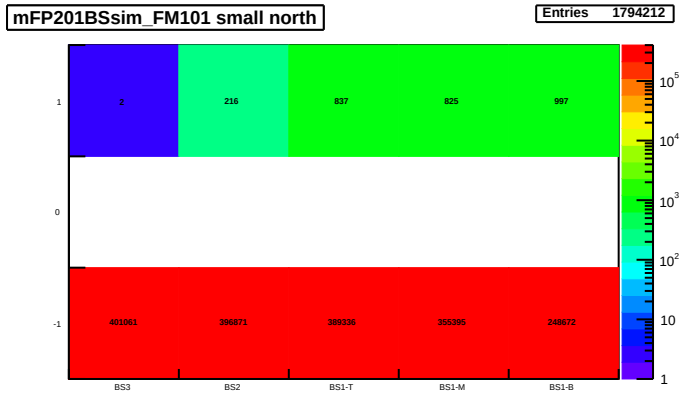

mFM104J -- South -- Bottom -- FM012
Entries 3083779
Unused

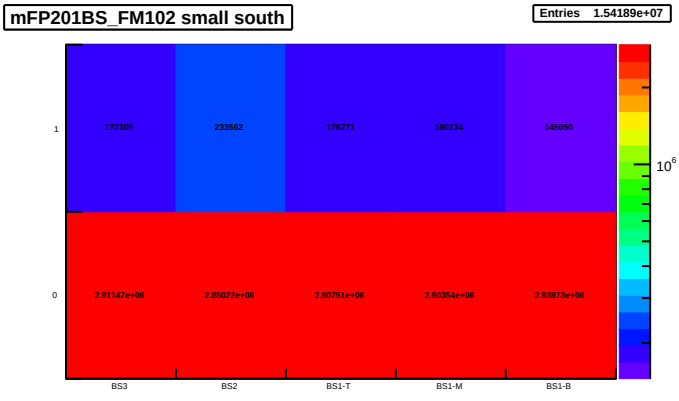

mFM104Jsim -- South -- Bottom -- FM012
Entries 524119
Unused

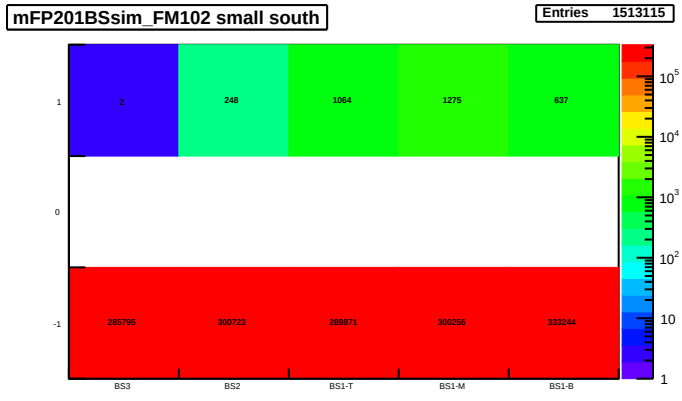

mFM104JP -- South -- Bottom -- FM012
Entries 6167558

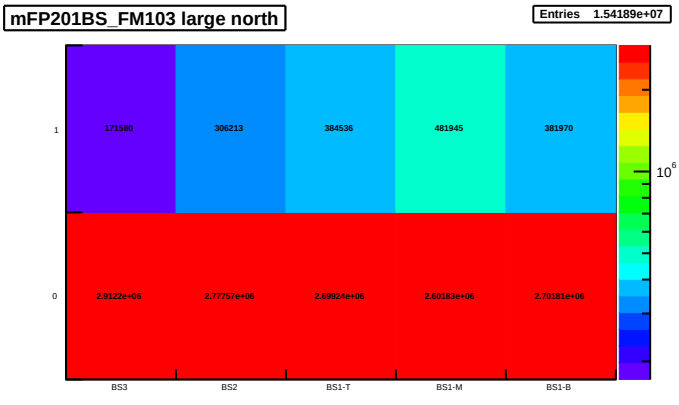

mFM104JPsim -- South -- Bottom -- FM012
Entries 1028760

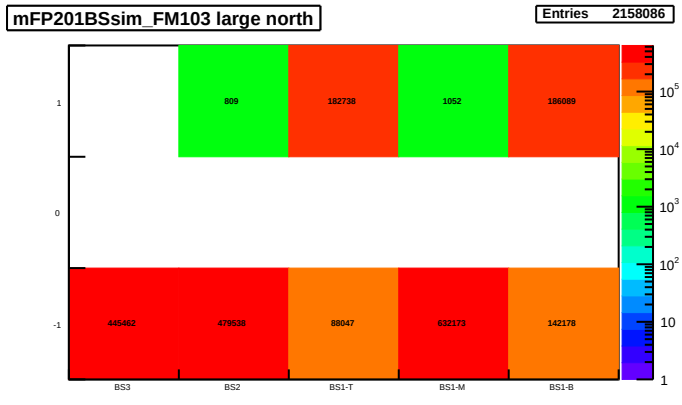

mFP201BS_FM101 small north
Entries 1.54189e+07
217082
279040
215392
129599
200640
2.8667e+06
2.80474e+06
2.86839e+06
2.95418e+06
2.88314e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

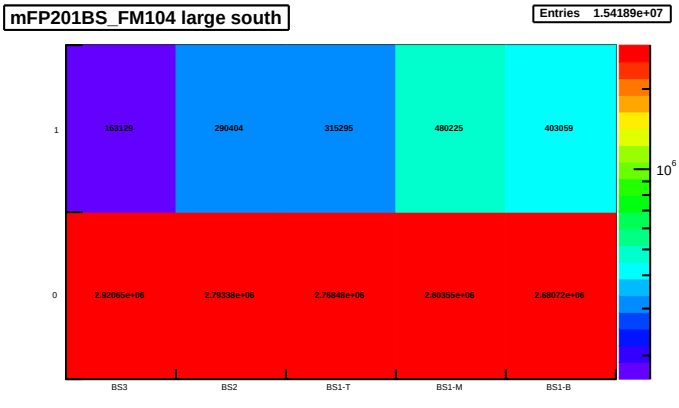

mFP201BSsim_FM101 small north
Entries 1794212
2
216
837
825
997
401061
396871
389336
355395
248672
BS3
BS2
BS1-T
BS1-M
BS1-B

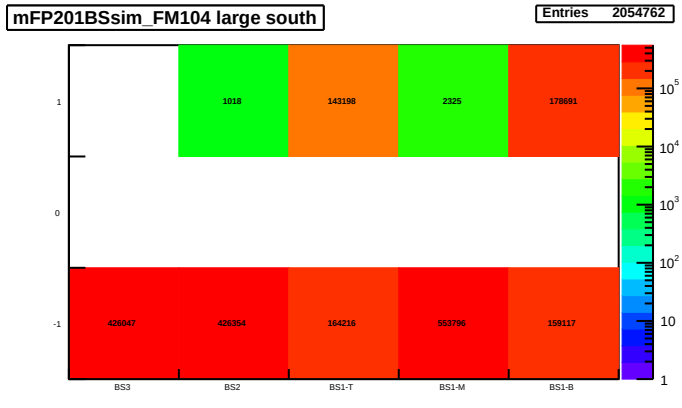

mFP201BS_FM102 small south
Entries 1.54189e+07
172309
233562
176271
180234
145050
2.91147e+06
2.85022e+06
2.90751e+06
2.90354e+06
2.93873e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

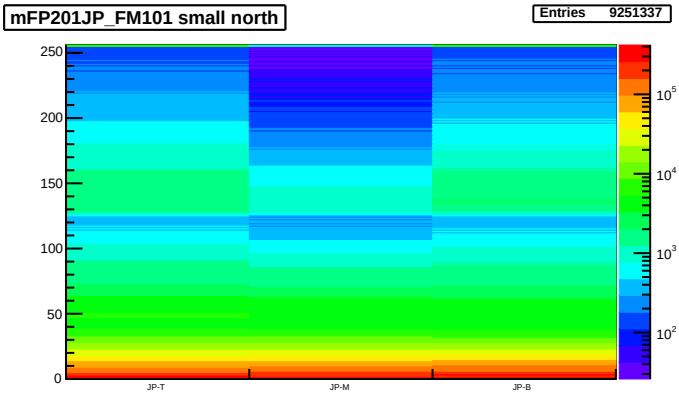

mFP201BSsim_FM102 small south
Entries 1513115
2
248
1064
1275
637
285795
300723
289871
300256
333244
BS3
BS2
BS1-T
BS1-M
BS1-B

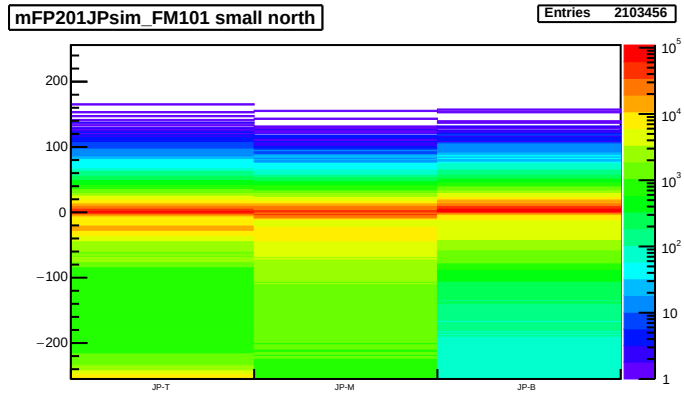

mFP201BS_FM103 large north
Entries 1.54189e+07
171580
306213
384536
481945
381970
2.9122e+06
2.77757e+06
2.69924e+06
2.60183e+06
2.70181e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

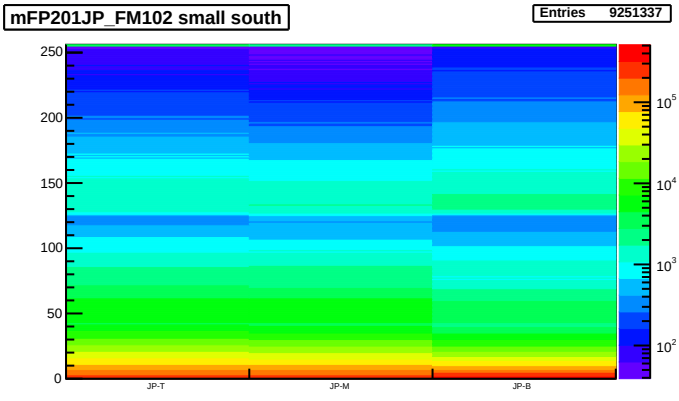

mFP201BSsim_FM103 large north
Entries 2158086
809
182738
1052
186089
445462
479538
88047
632173
142178
BS3
BS2
BS1-T
BS1-M
BS1-B

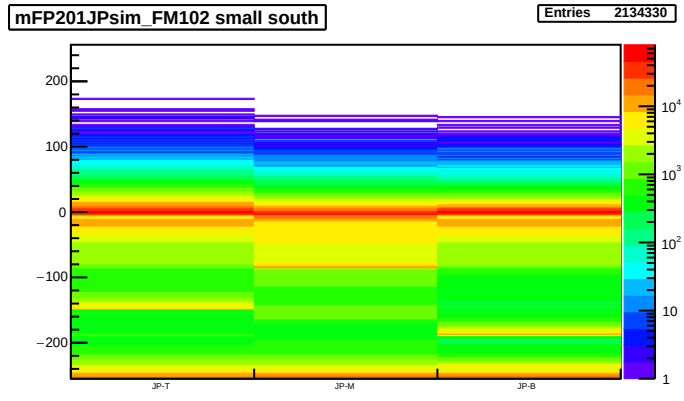

mFP201BS_FM104 large south
Entries 1.54189e+07
163129
290404
315295
480225
403059
2.92065e+06
2.79338e+06
2.76848e+06
2.60355e+06
2.68072e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

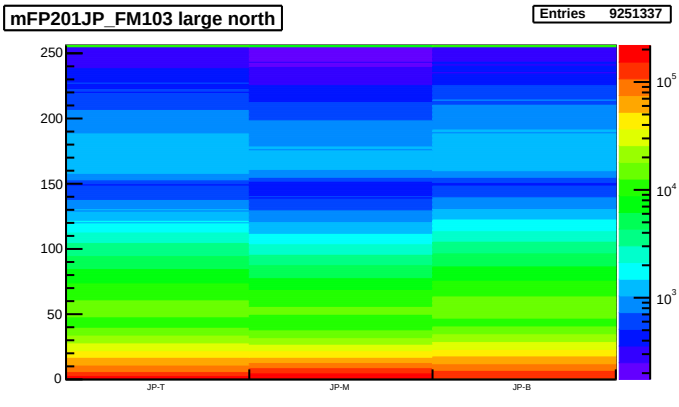

mFP201BSsim_FM104 large south
Entries 2054762
1018
143198
2325
178691
426047
426354
164216
553796
159117
BS3
BS2
BS1-T
BS1-M
BS1-B

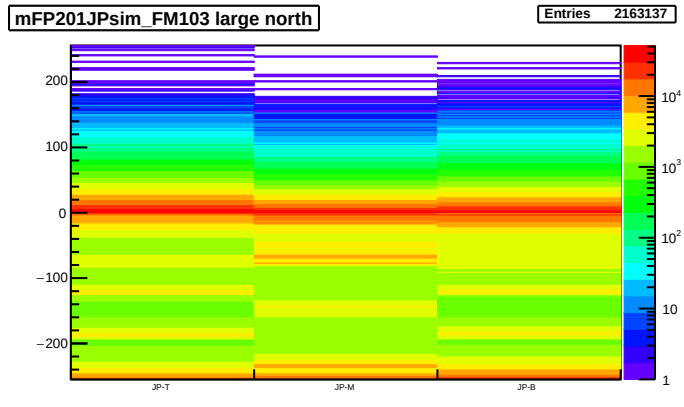

mFP201JP_FM101 small north
Entries 9251337
JP-T
JP-M
JP-B

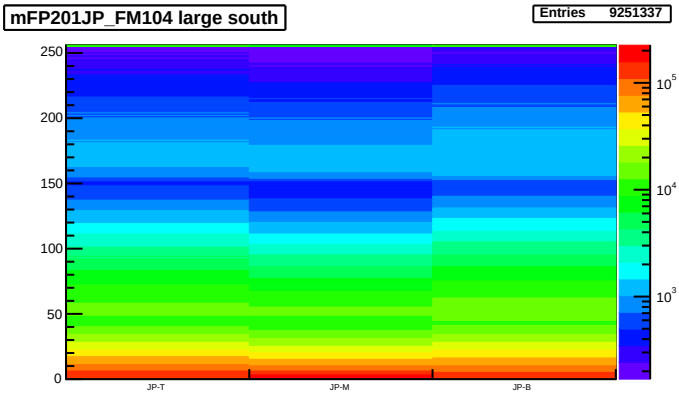

mFP201JPsim_FM101 small north
Entries 2103456
JP-T
JP-M
JP-B

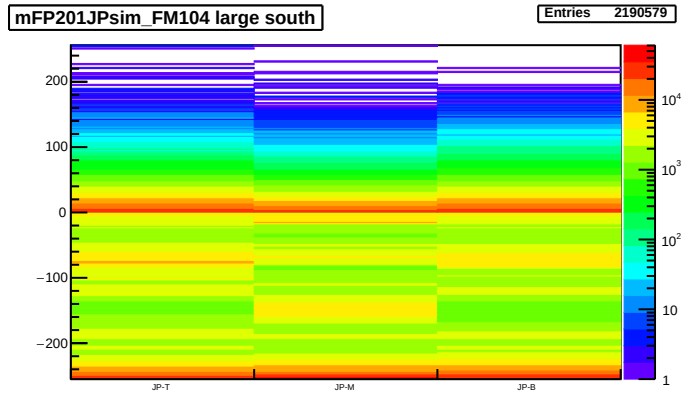

mFP201JP_FM102 small south
Entries 9251337
JP-T
JP-M
JP-B

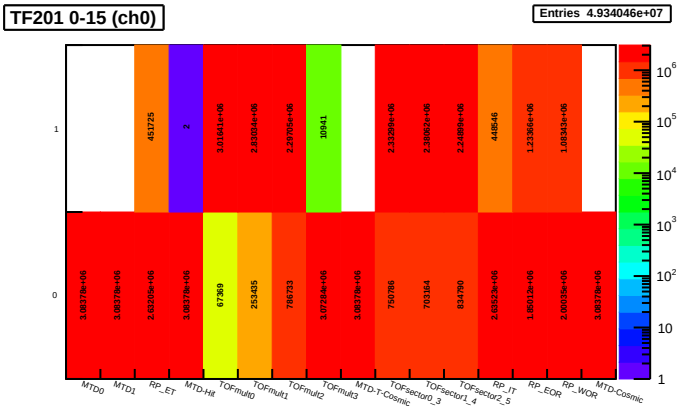

mFP201JPsim_FM102 small south
Entries 2134330
JP-T
JP-M
JP-B

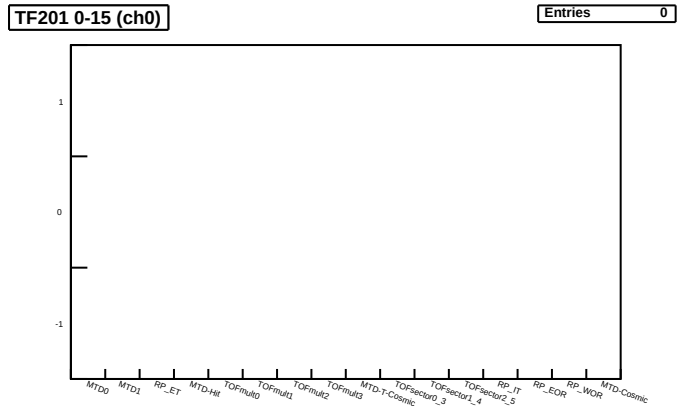

mFP201JP_FM103 large north
Entries 9251337
JP-T
JP-M
JP-B

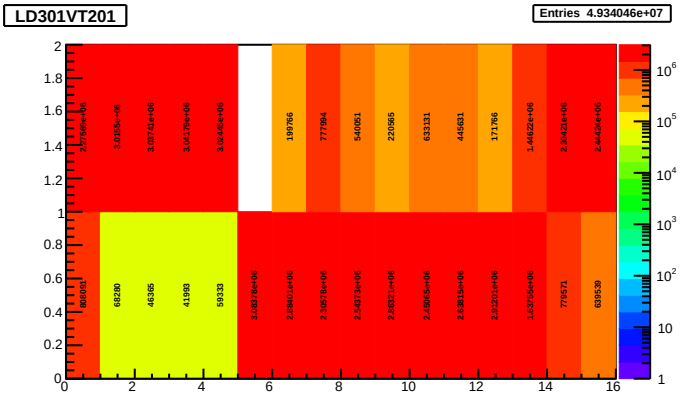

mFP201JPsim_FM103 large north
Entries 2163137
JP-T
JP-M
JP-B

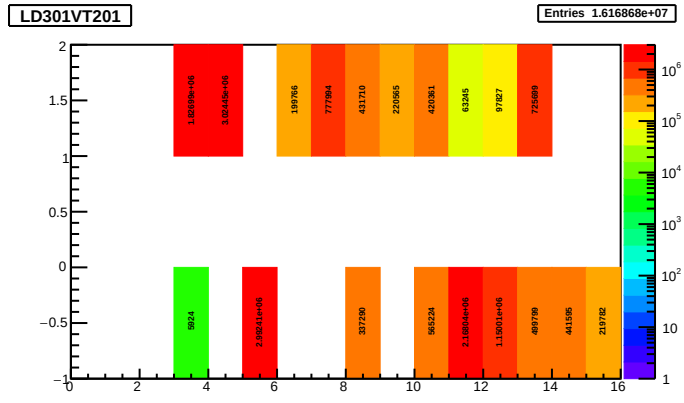

mFP201JP_FM104 large south
Entries 9251337
JP-T
JP-M
JP-B

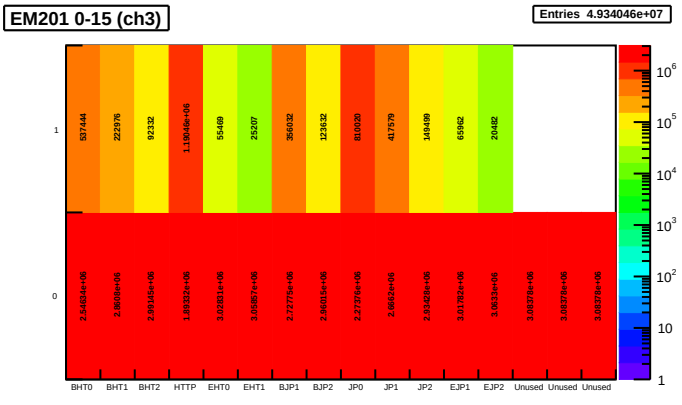

mFP201JPsim_FM104 large south
Entries 2190579
JP-T
JP-M
JP-B

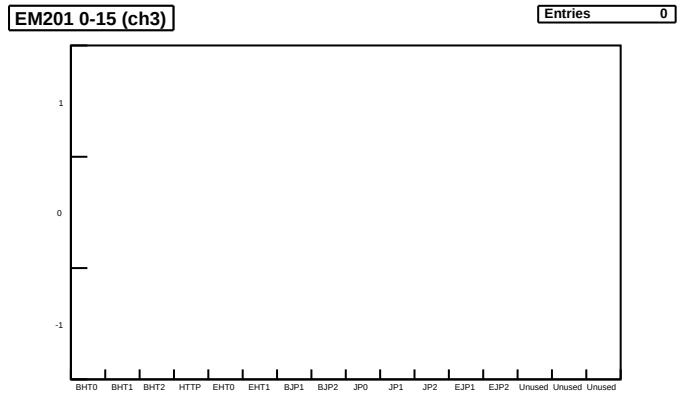

TF201 0-15 (ch0)
Entries 4.934046e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

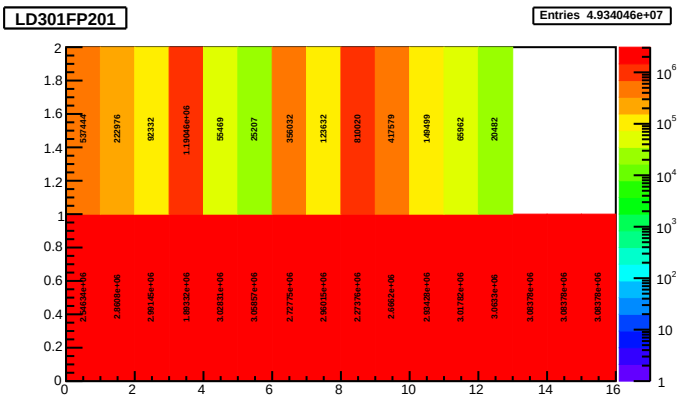

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

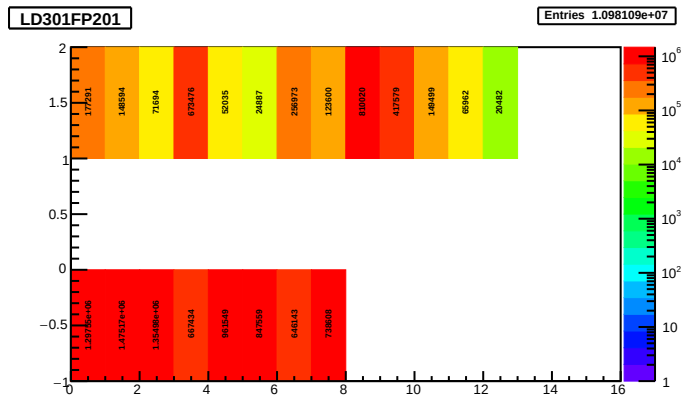

LD301VT201
Entries 4.934046e+07


LD301VT201
Entries 1.616868e+07


EM201 0-15 (ch3)
Entries 4.934046e+07
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


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


LD301FP201
Entries 4.934046e+07


LD301FP201
Entries 1.098109e+07