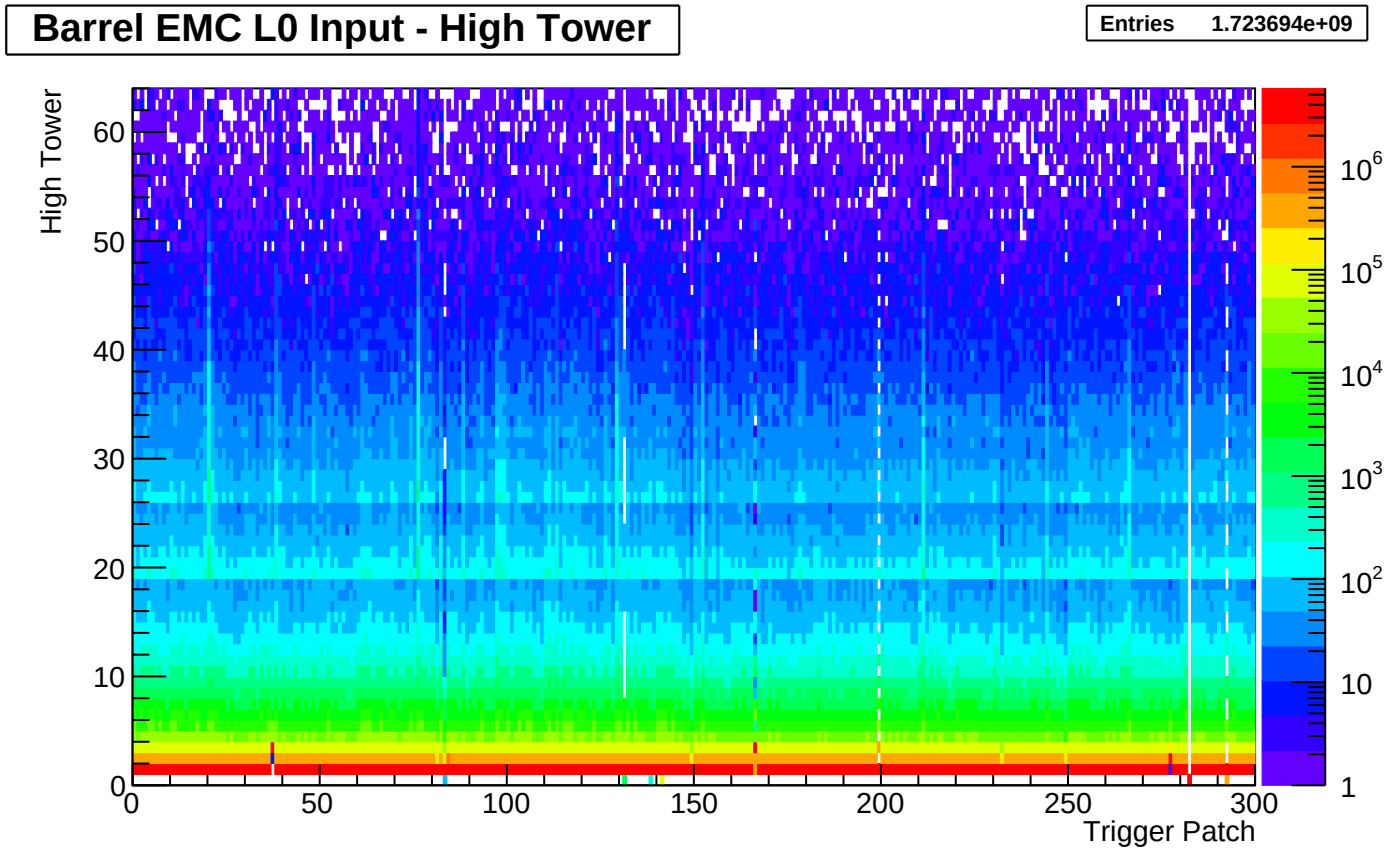
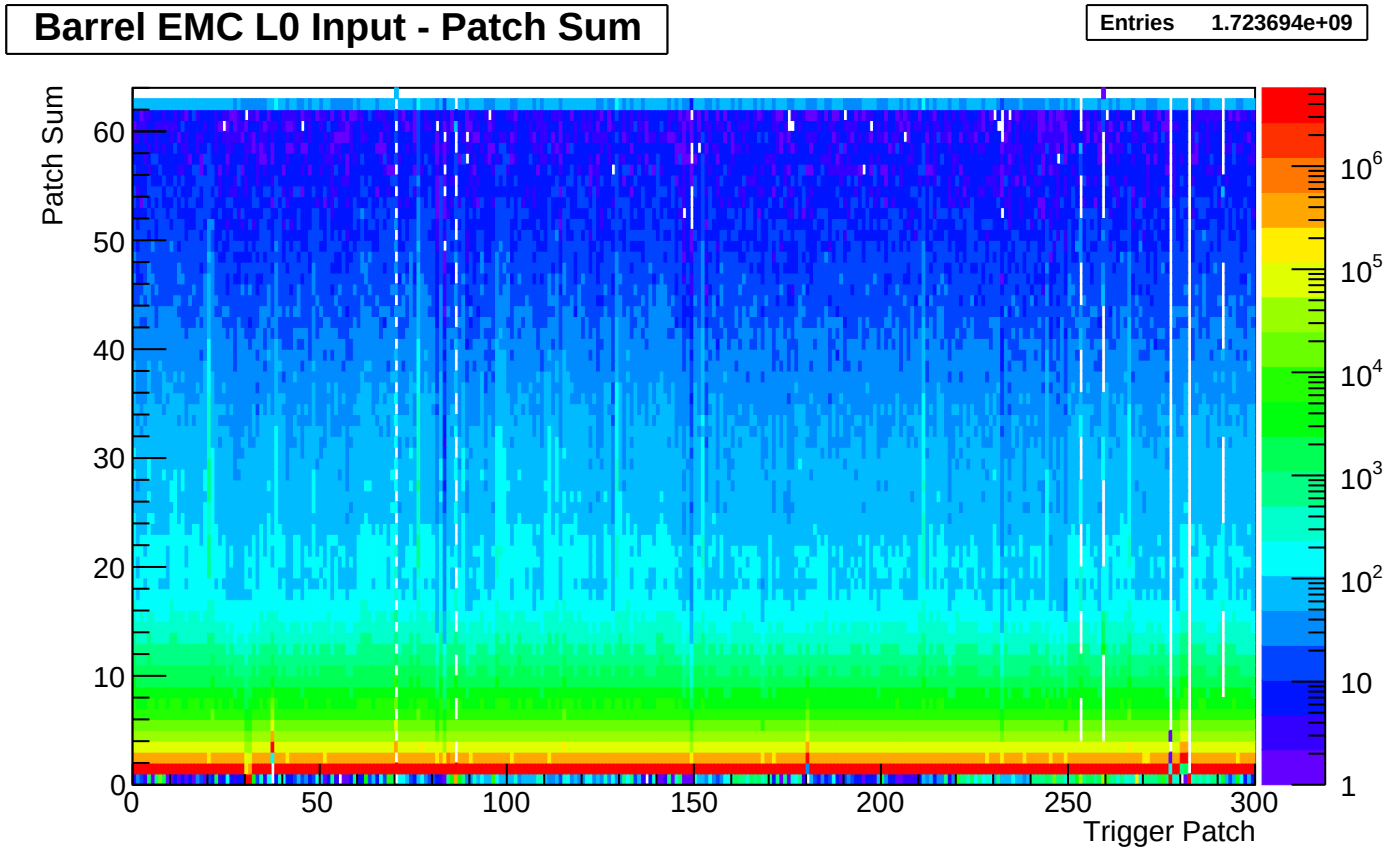
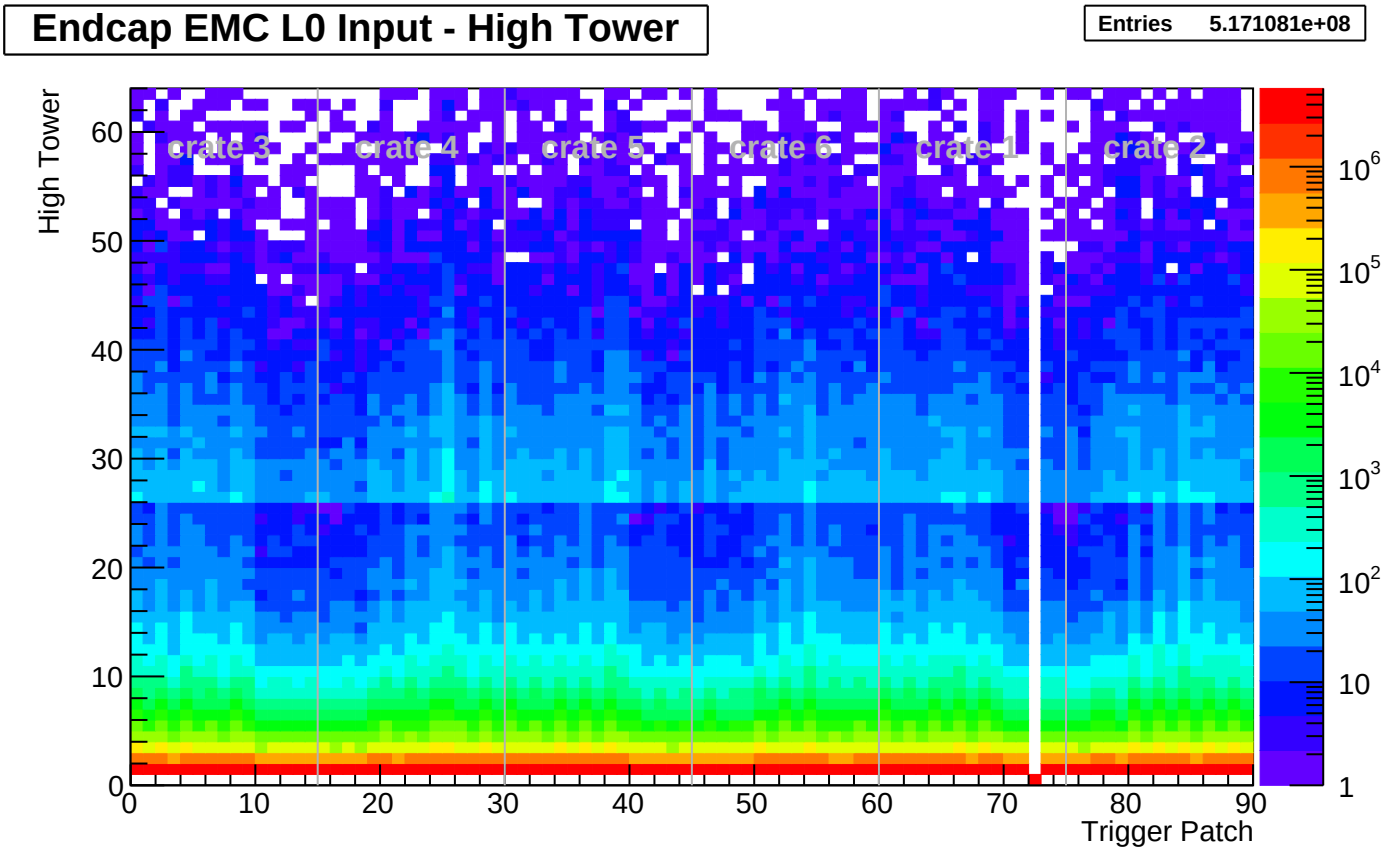
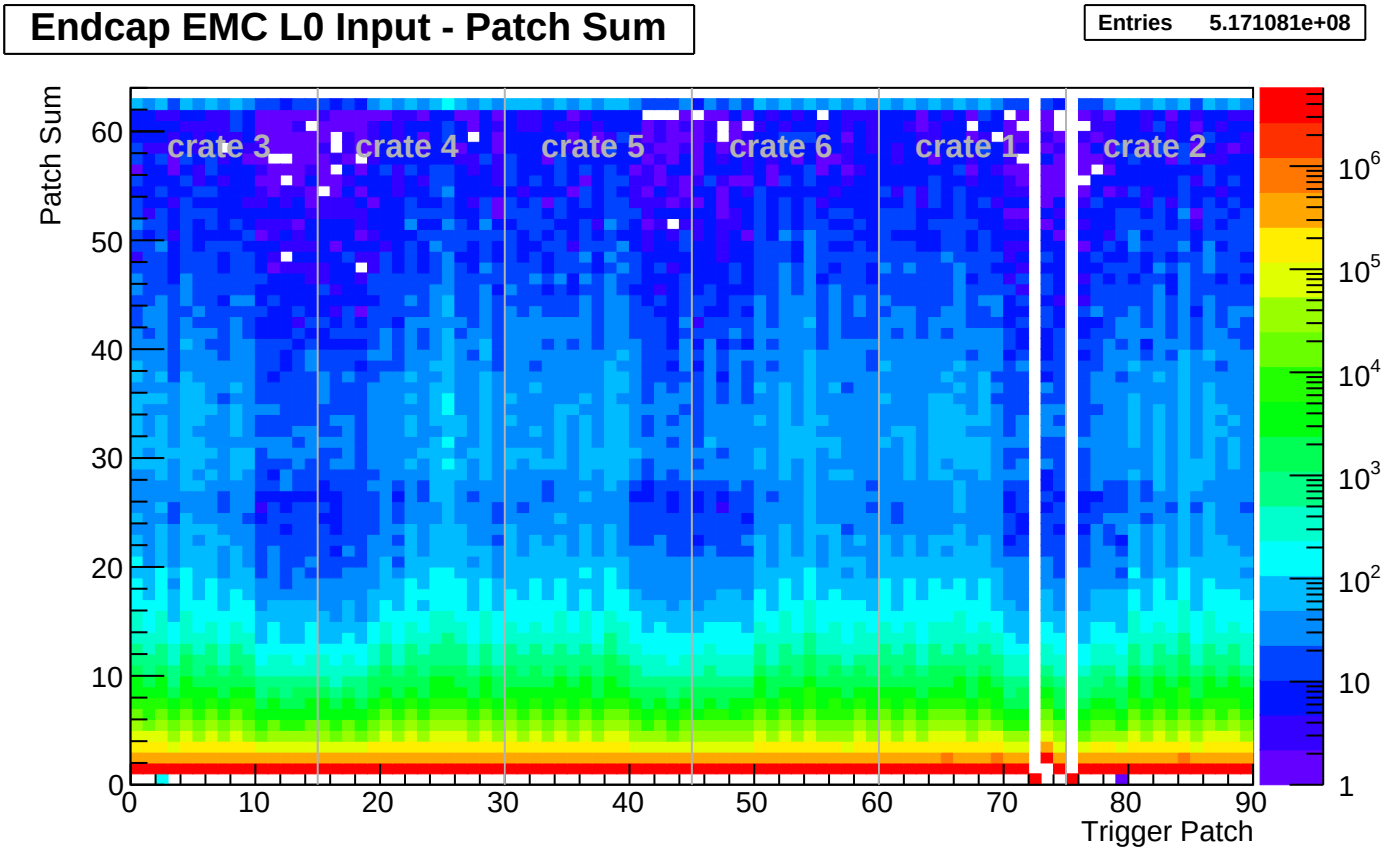
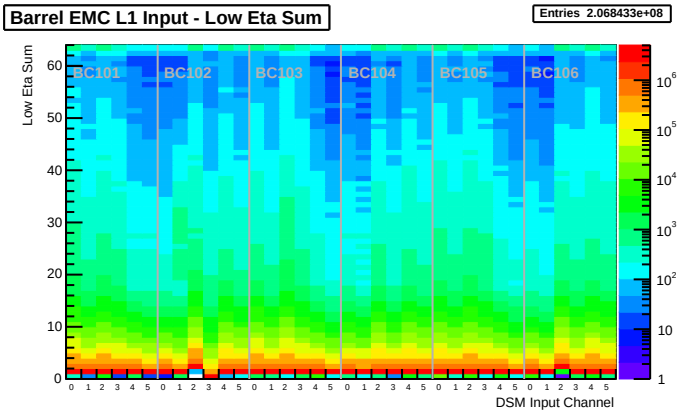
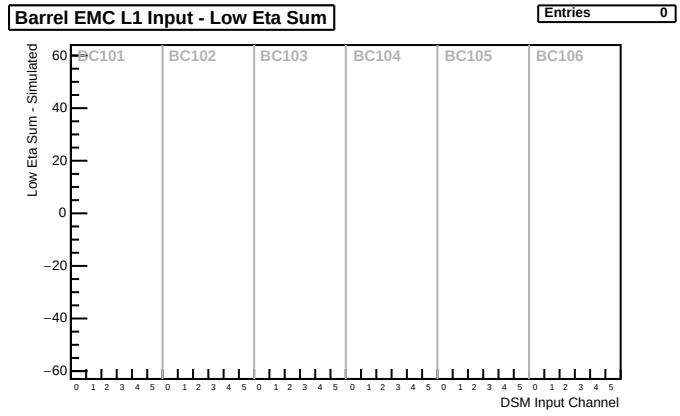

Barrel EMC L0 Input - High Tower
Entries 1.723694e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

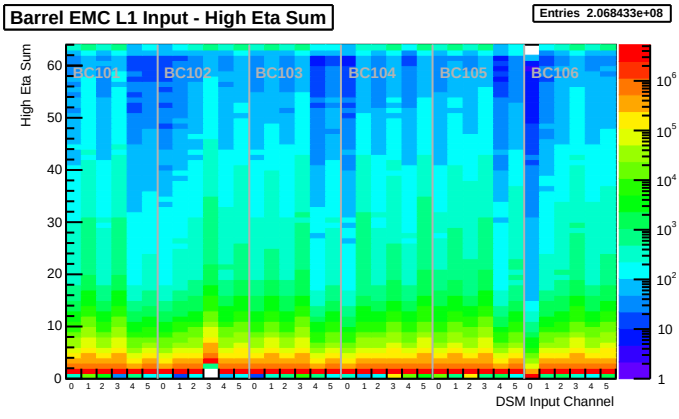

Barrel EMC L0 Input - Patch Sum
Entries 1.723694e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

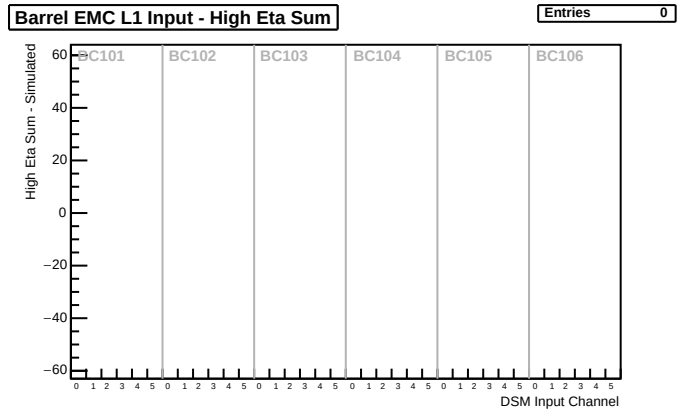

Endcap EMC L0 Input - High Tower
Entries 5.171081e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

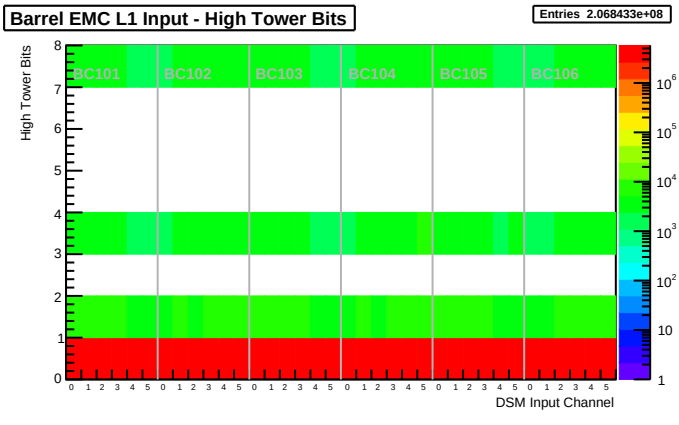

Endcap EMC L0 Input - Patch Sum
Entries 5.171081e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

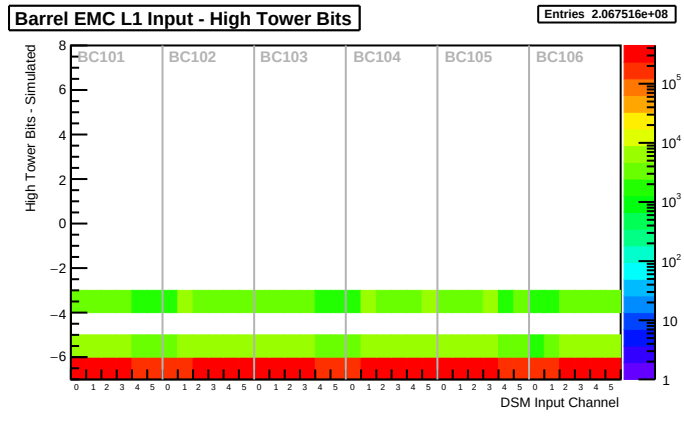

Barrel EMC L1 Input - Low Eta Sum
Entries 2.068433e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

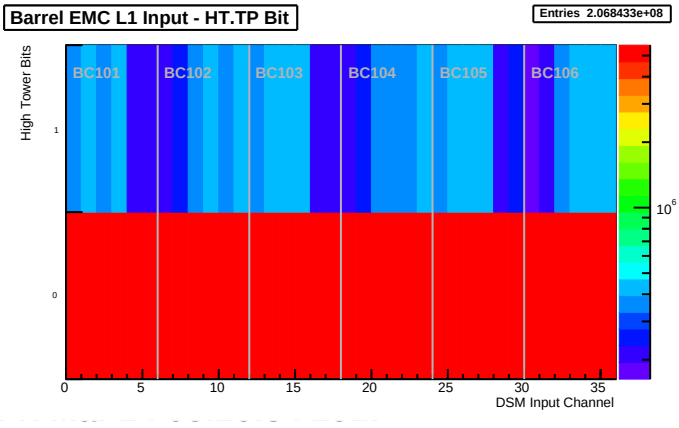

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

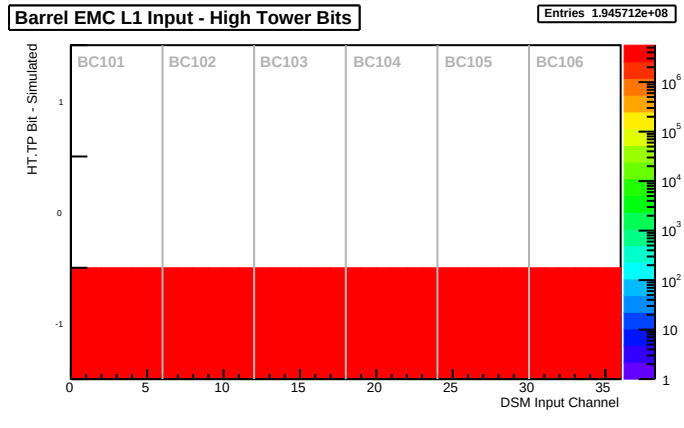

Barrel EMC L1 Input - High Eta Sum
Entries 2.068433e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

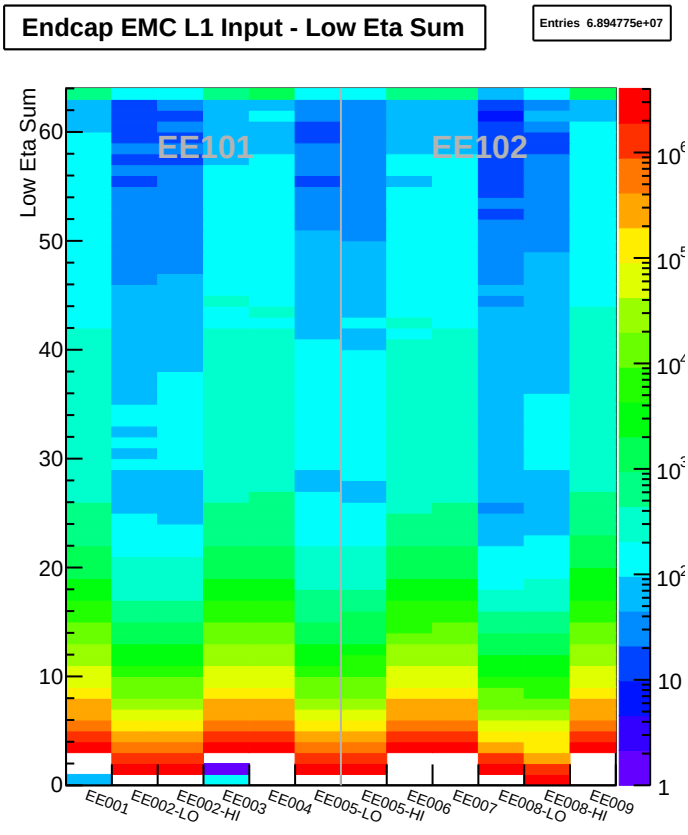

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

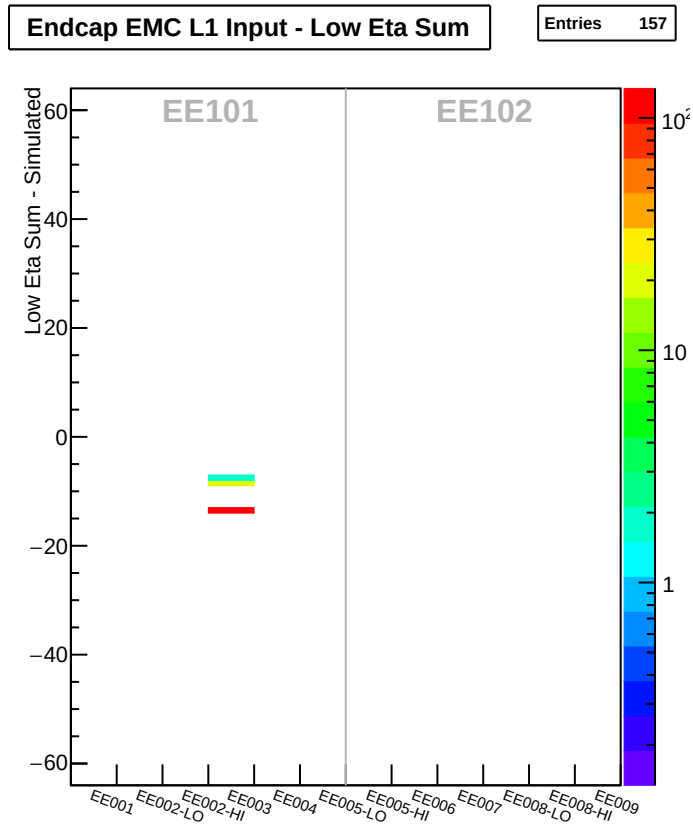

Barrel EMC L1 Input - High Tower Bits
Entries 2.068433e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

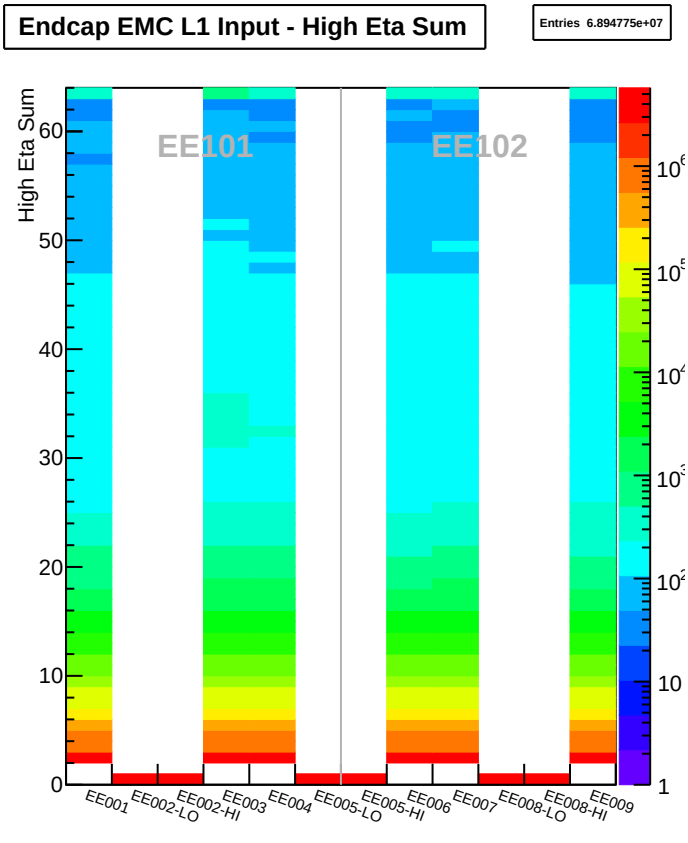

Barrel EMC L1 Input - High Tower Bits
Entries 2.067516e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

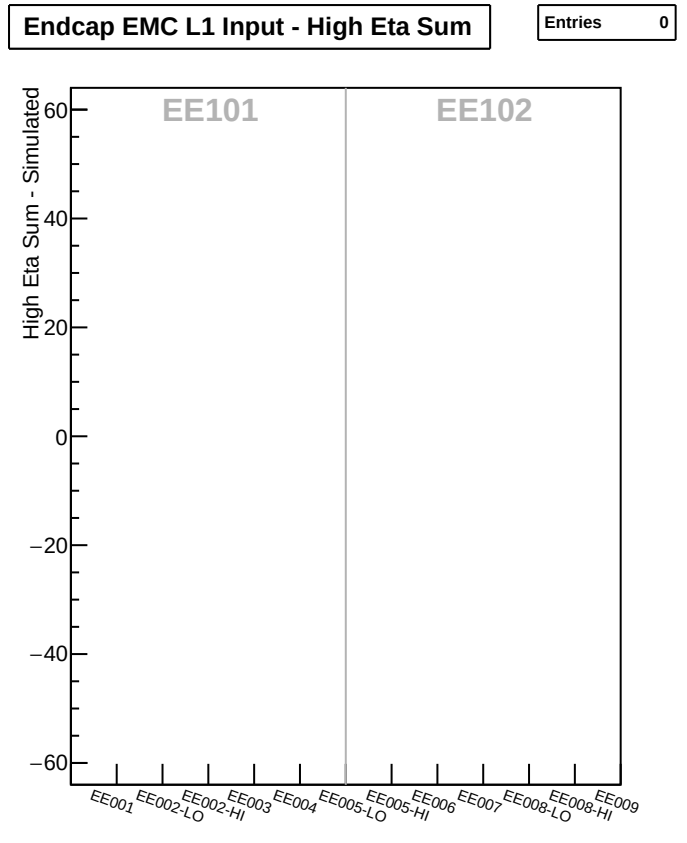

Barrel EMC L1 Input - HT.TP Bit
Entries 2.068433e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

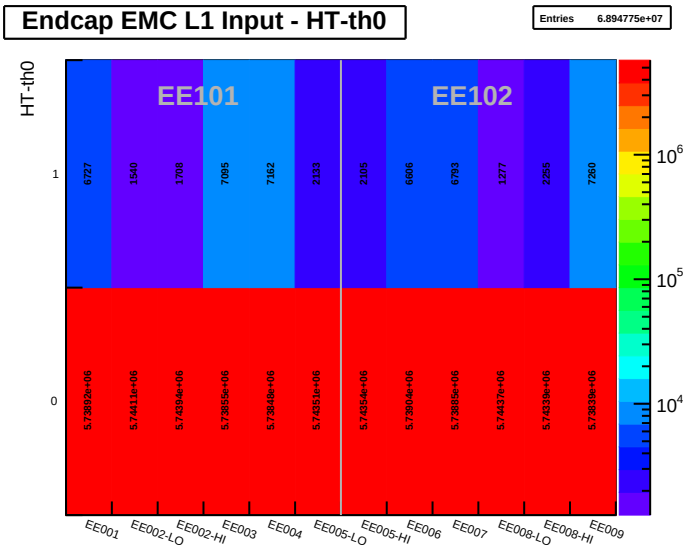

Barrel EMC L1 Input - High Tower Bits
Entries 1.945712e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

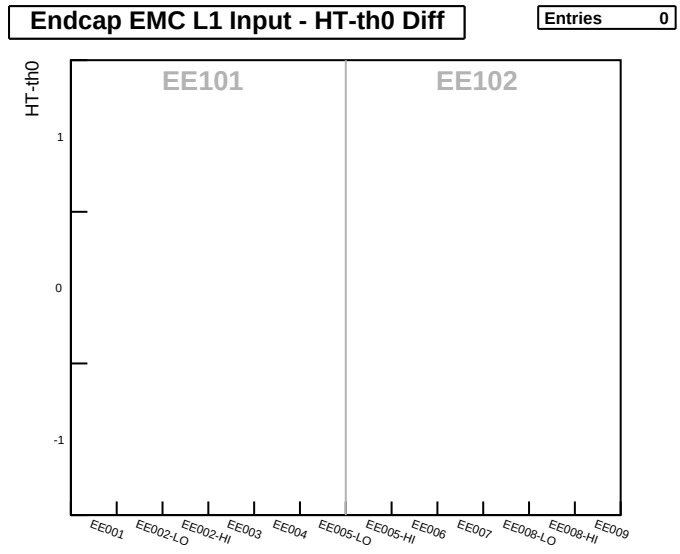

Endcap EMC L1 Input - Low Eta Sum
Entries 6.894775e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

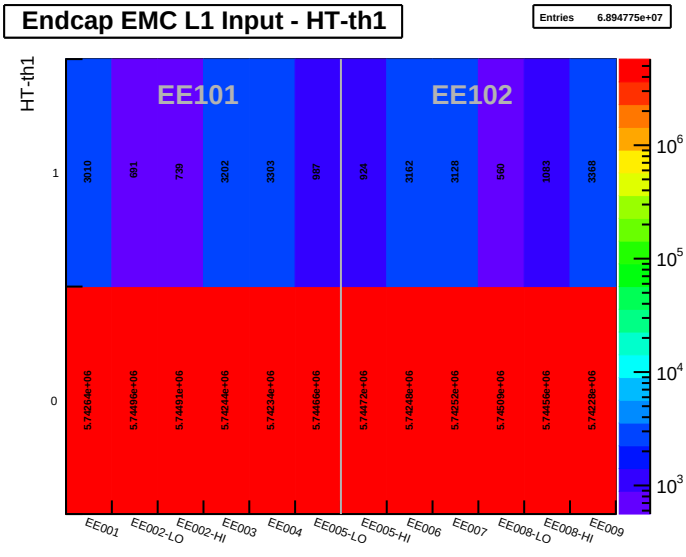

Endcap EMC L1 Input - Low Eta Sum
Entries 157
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

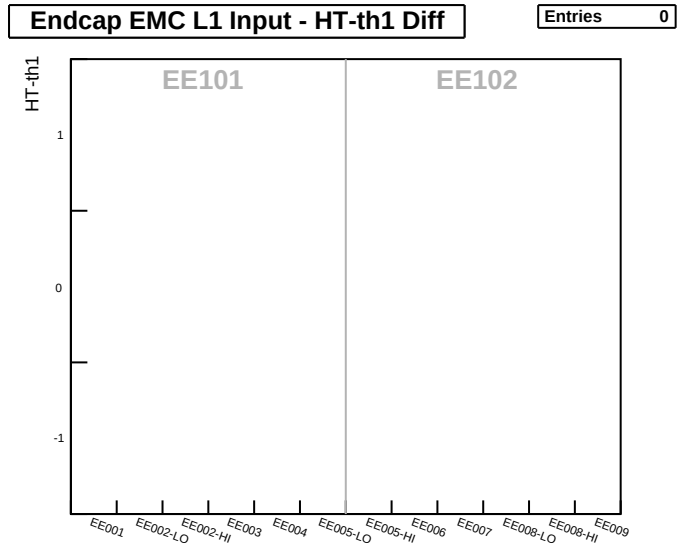

Endcap EMC L1 Input - High Eta Sum
Entries 6.894775e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

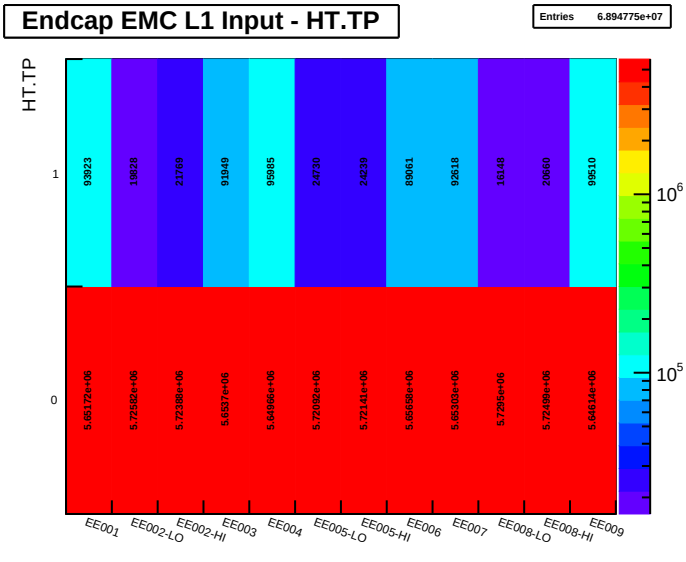

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

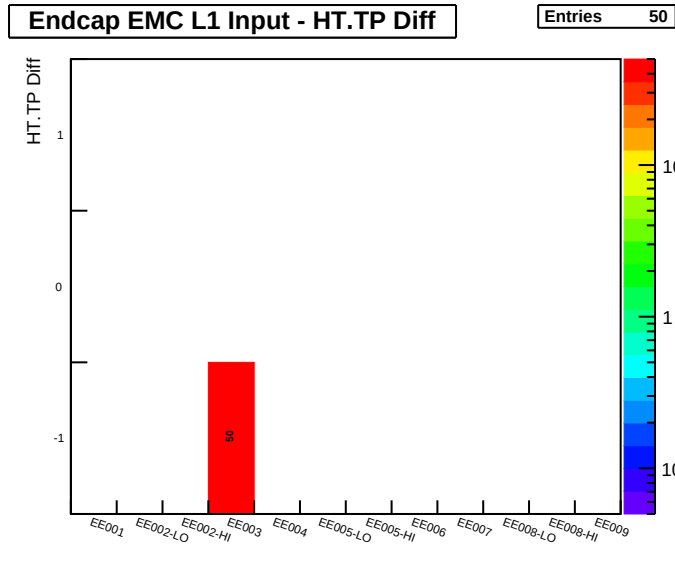

Endcap EMC L1 Input - HT-th0
Entries 6.894775e+07
HT-th0
EE101
EE102
1
0
6727
1540
1708
7095
7162
2133
2105
6606
6793
1277
2255
7260
5.73892e+06
5.74411e+06
5.74394e+06
5.73855e+06
5.73848e+06
5.74351e+06
5.74354e+06
5.73904e+06
5.73885e+06
5.74437e+06
5.74339e+06
5.73839e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009
10^6
10^5
10^4

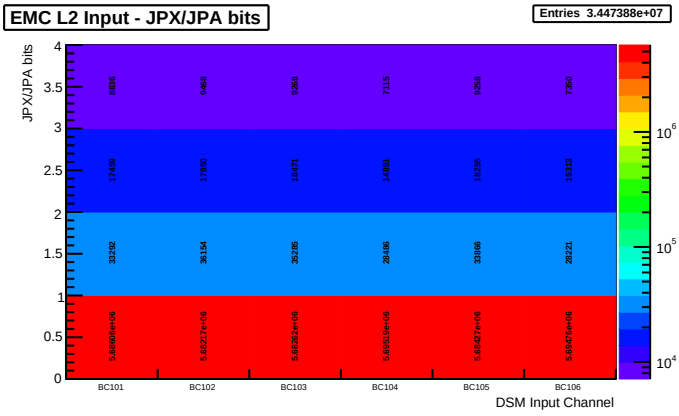

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
HT-th0
EE101
EE102
1
0
-1
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

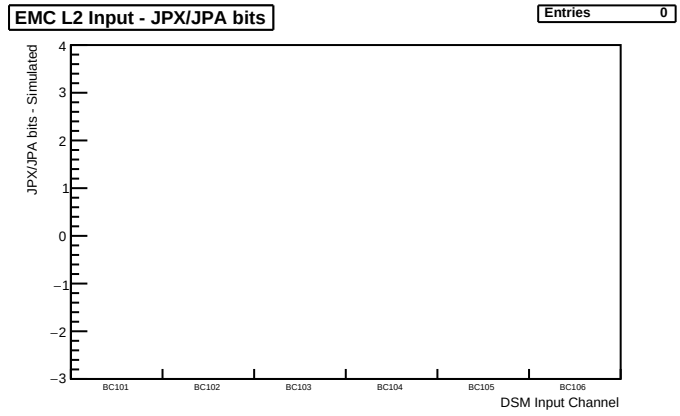

Endcap EMC L1 Input - HT-th1
Entries 6.894775e+07
HT-th1
EE101
EE102
1
0
3010
691
739
3202
3303
987
924
3162
3128
560
1083
3368
5.74264e+06
5.74496e+06
5.74491e+06
5.74244e+06
5.74234e+06
5.74466e+06
5.74472e+06
5.74248e+06
5.74252e+06
5.74508e+06
5.74456e+06
5.74228e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009
10^6
10^5
10^4
10^3

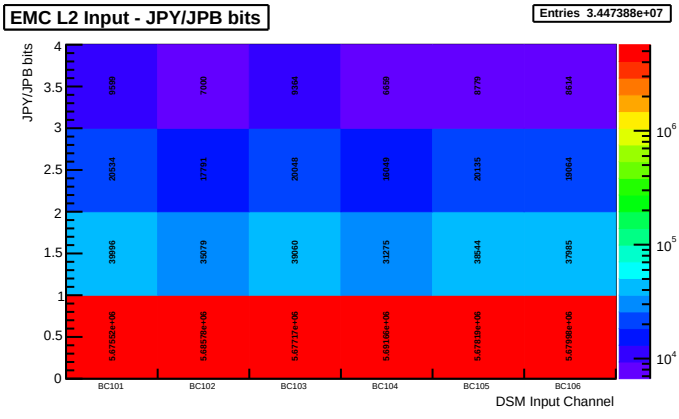

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
HT-th1
EE101
EE102
1
0
-1
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

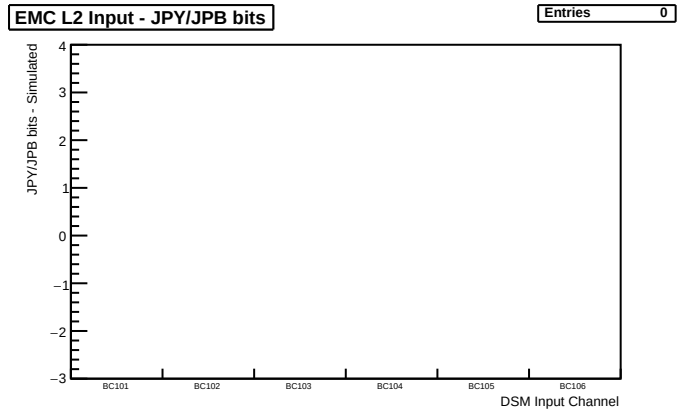

Endcap EMC L1 Input - HT.TP
Entries 6.894775e+07
HT.TP
1
0
93923
19828
21769
91949
95985
24730
24239
89061
92618
16148
20660
99510
5.65172e+06
5.72582e+06
5.72388e+06
5.6537e+06
5.64966e+06
5.72092e+06
5.72141e+06
5.66658e+06
5.65303e+06
5.7295e+06
5.72499e+06
5.64614e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009
10^6
10^5

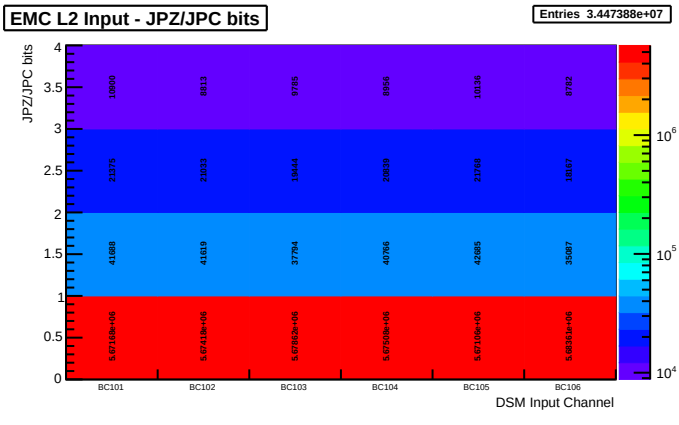

Endcap EMC L1 Input - HT.TP Diff
Entries 50
HT.TP Diff
1
0
-1
50
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009
10
1
10^{-1}

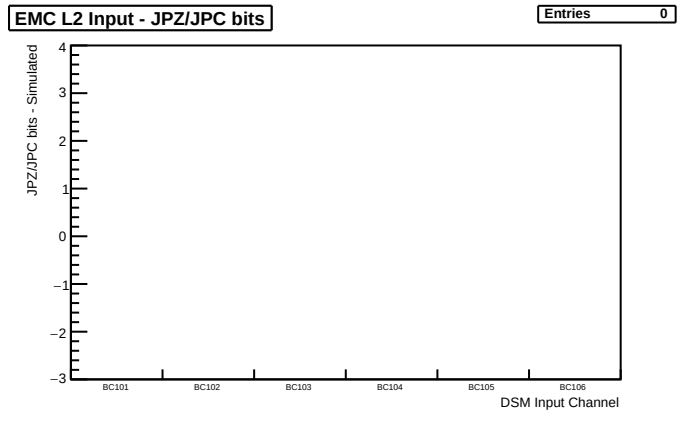

EMC L2 Input - JPX/JPA bits
Entries 3.447388e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

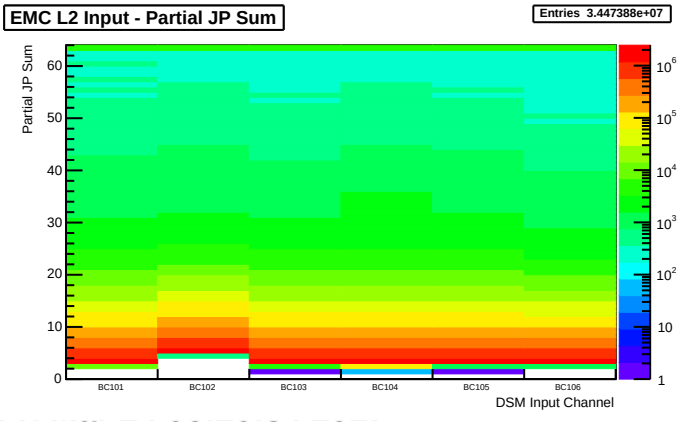

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

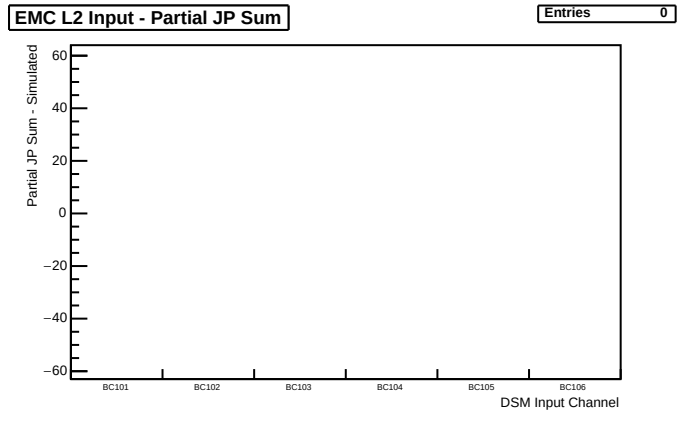

EMC L2 Input - JPY/JPB bits
Entries 3.447388e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

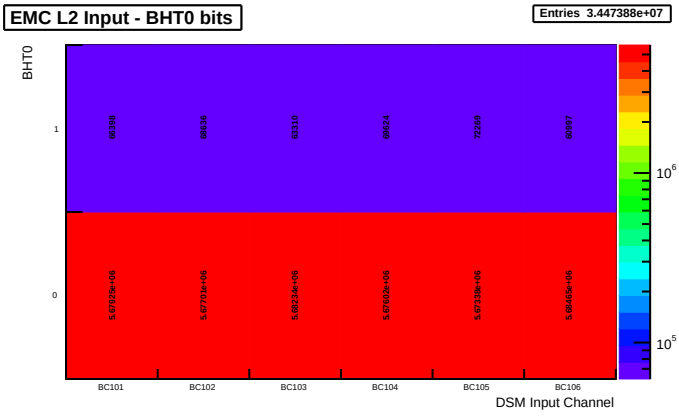

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

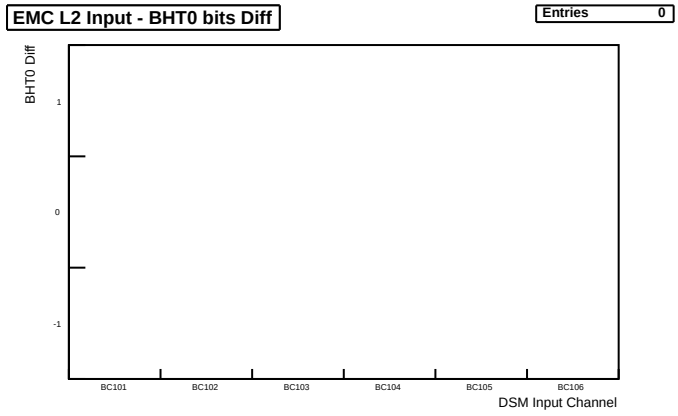

EMC L2 Input - JPZ/JPC bits
Entries 3.447388e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

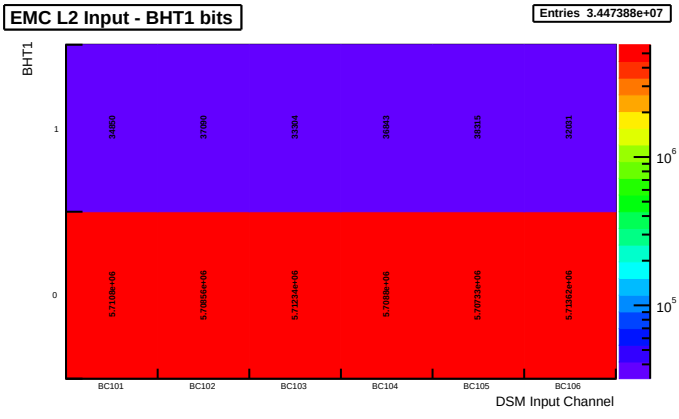

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

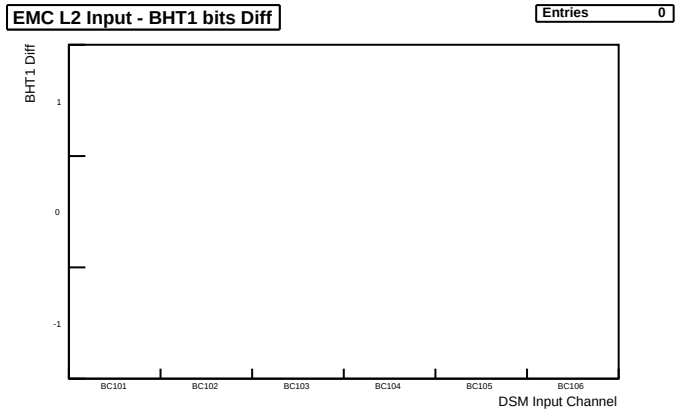

EMC L2 Input - Partial JP Sum
Entries 3.447388e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

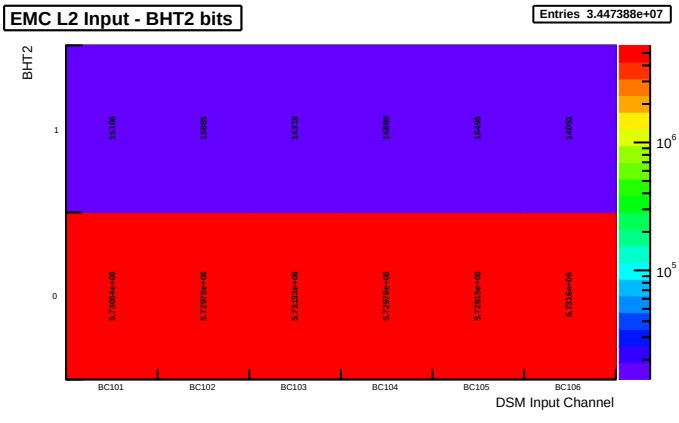

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

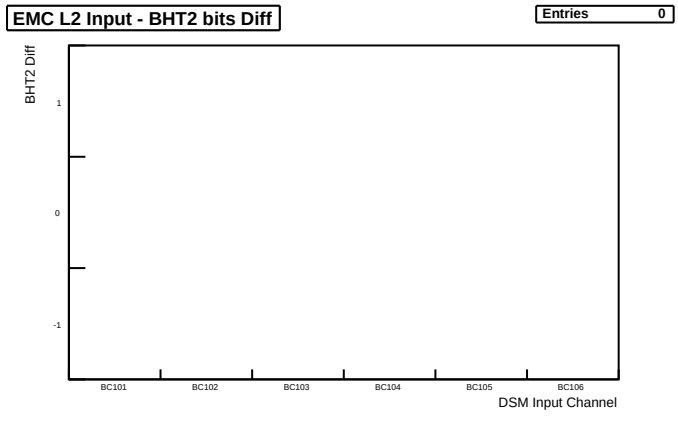

EMC L2 Input - BHT0 bits
Entries 3.447388e+07
BHT0
DSM Input Channel

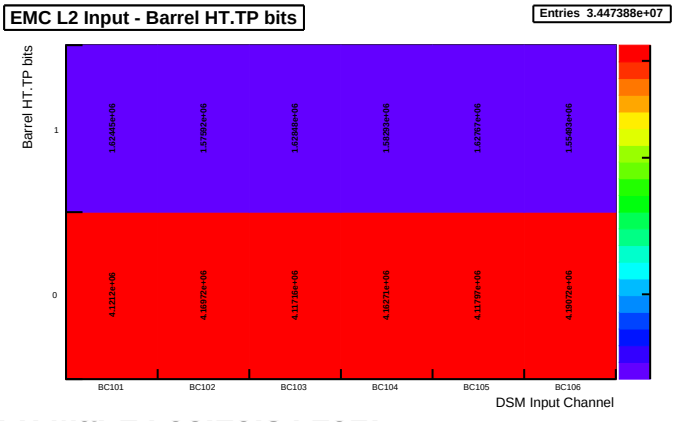

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
DSM Input Channel

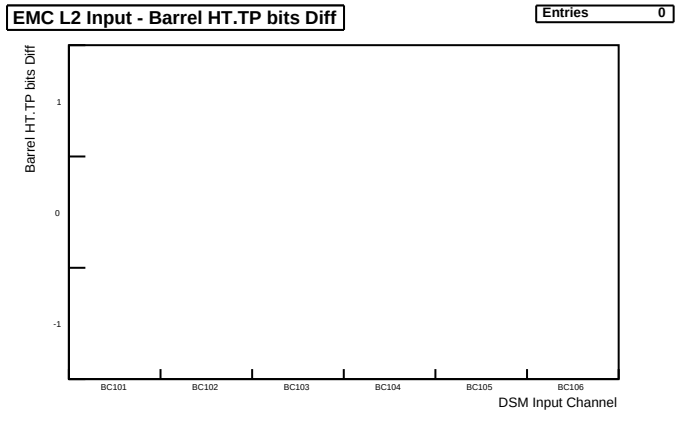

EMC L2 Input - BHT1 bits
Entries 3.447388e+07
BHT1
DSM Input Channel

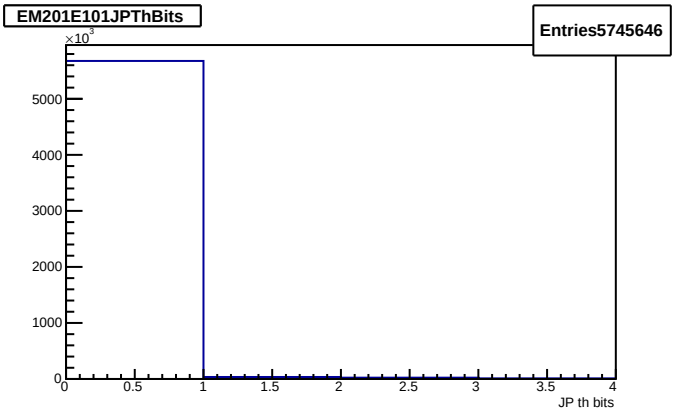

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
DSM Input Channel

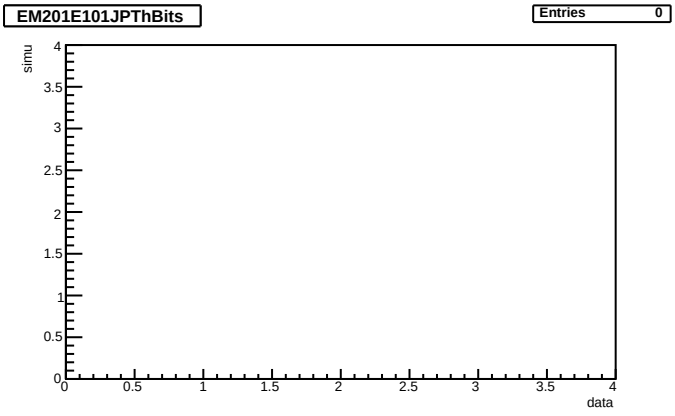

EMC L2 Input - BHT2 bits
Entries 3.447388e+07
BHT2
DSM Input Channel

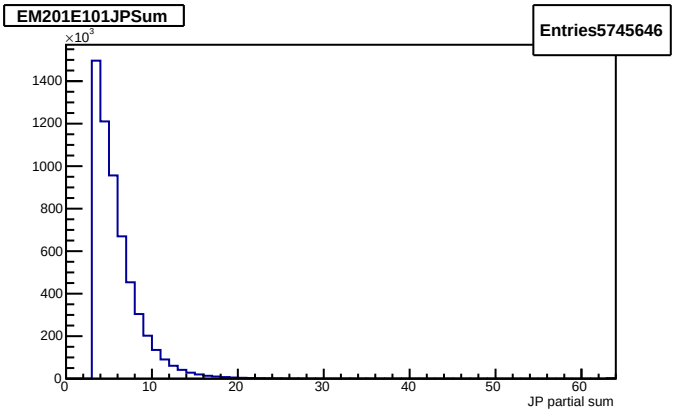

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
DSM Input Channel

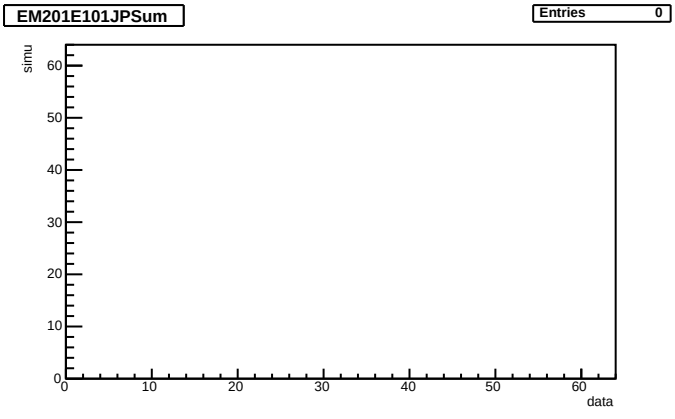

EMC L2 Input - Barrel HT.TP bits
Entries 3.447388e+07
Barrel HT.TP bits
DSM Input Channel

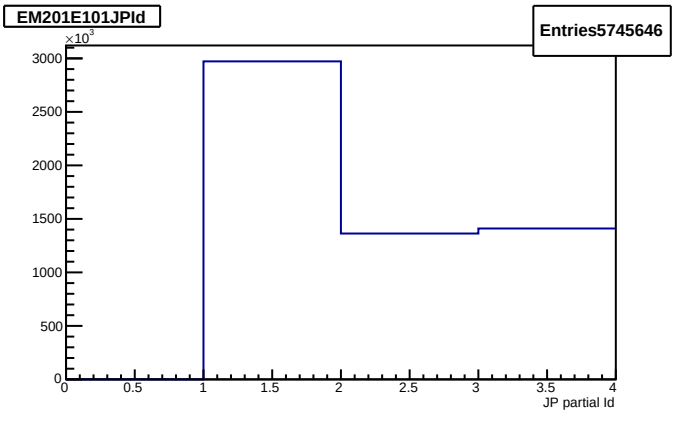

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
DSM Input Channel

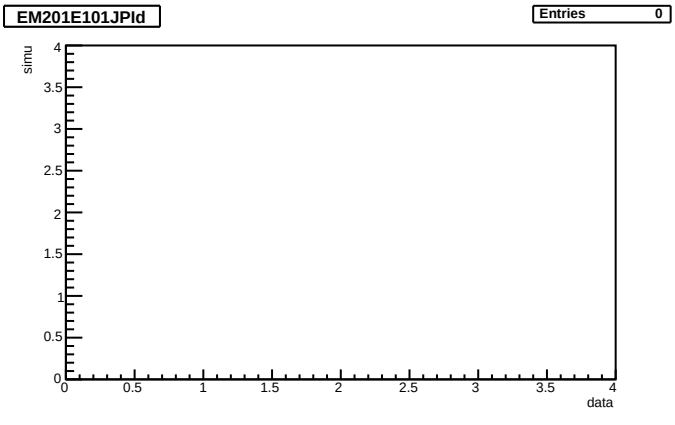

EM201E101JPThBits
Entries5745646
×10^3
JP th bits

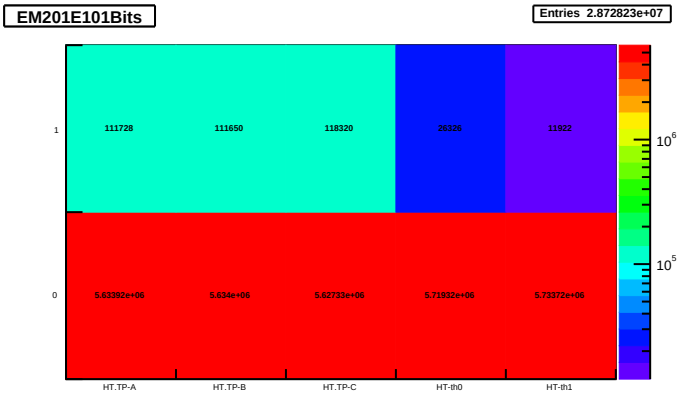

EM201E101JPThBits
Entries 0
simu
data

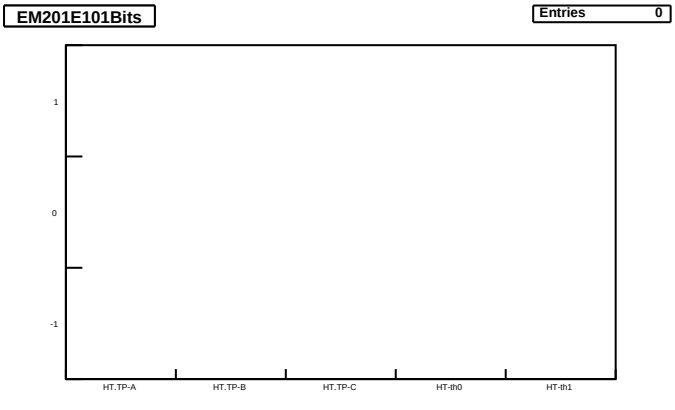

EM201E101JPSum
Entries5745646
×10^3
JP partial sum

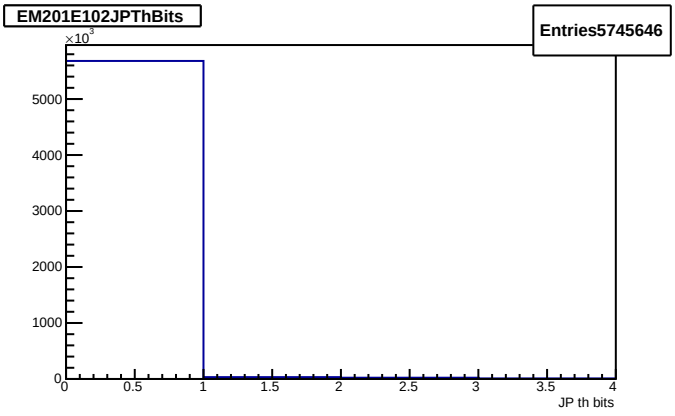

EM201E101JPSum
Entries 0
simu
data

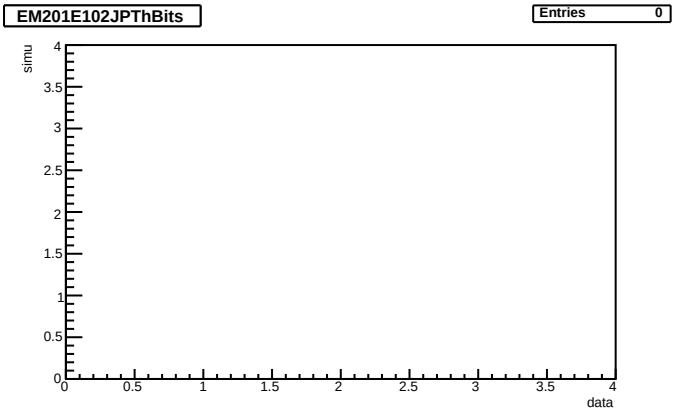

EM201E101JPId
Entries5745646
×10^3
JP partial Id

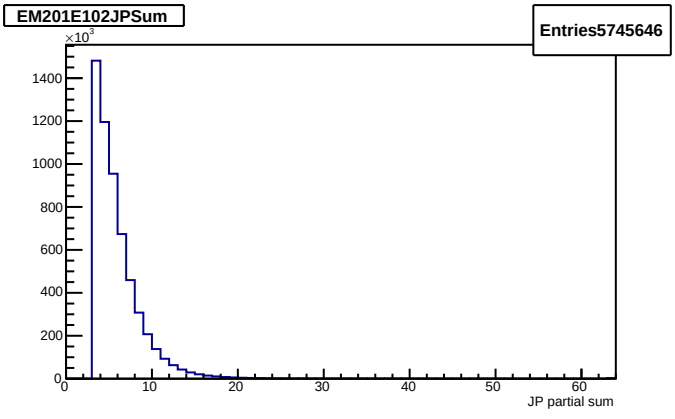

EM201E101JPId
Entries 0
simu
data

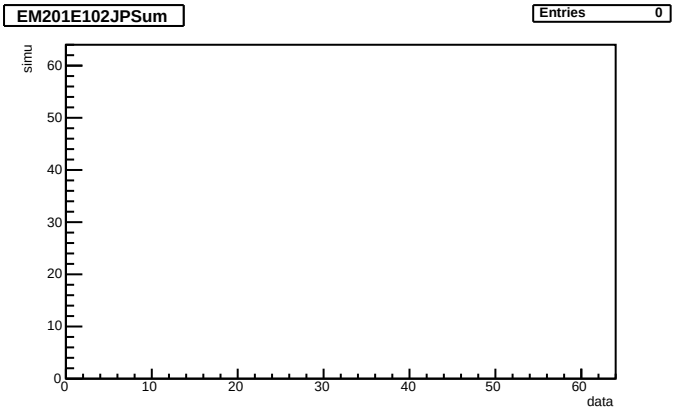

EM201E101Bits
Entries 2.872823e+07
111728
111650
118320
20326
11922
5.63392e+06
5.634e+06
5.62733e+06
5.71932e+06
5.73372e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

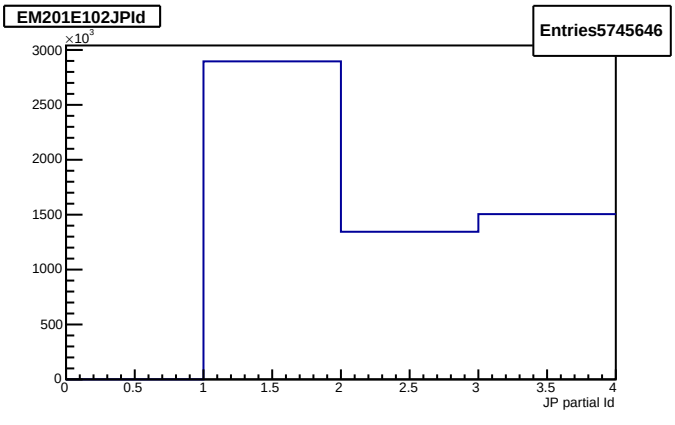

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

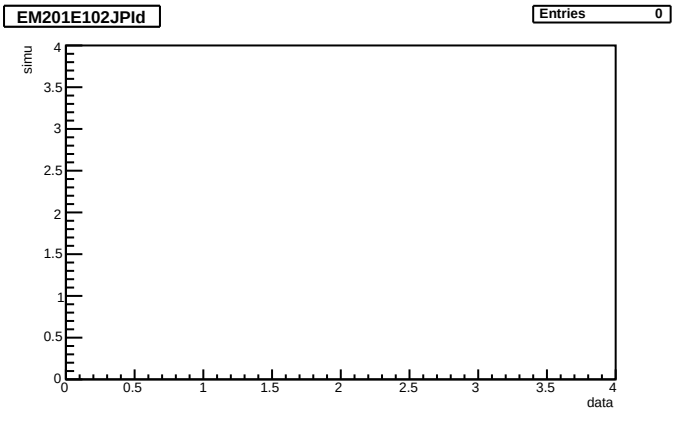

EM201E102JPThBits
Entries5745646
×10^3
JP th bits

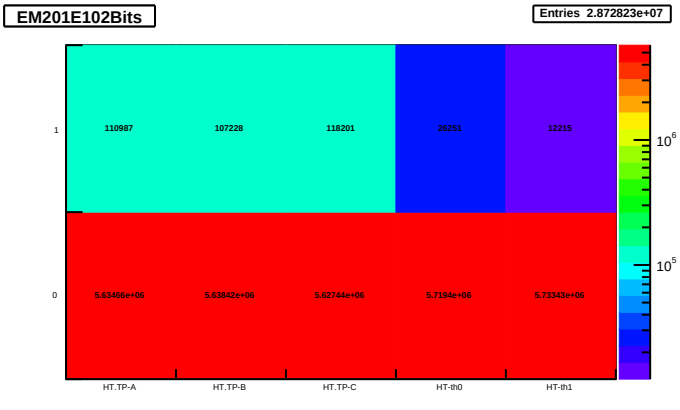

EM201E102JPThBits
Entries 0
simu
data

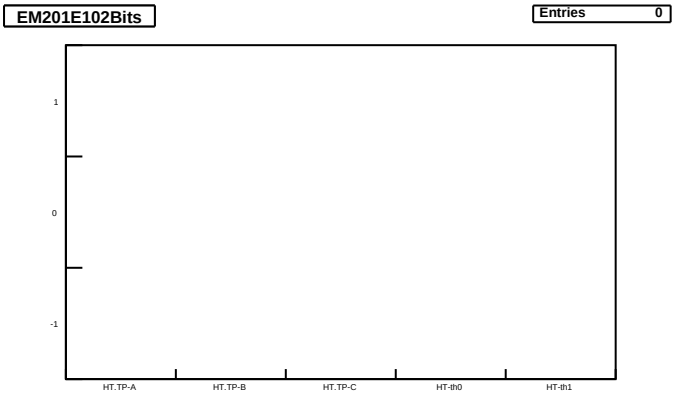

EM201E102JPSum
Entries5745646
×10^3
JP partial sum

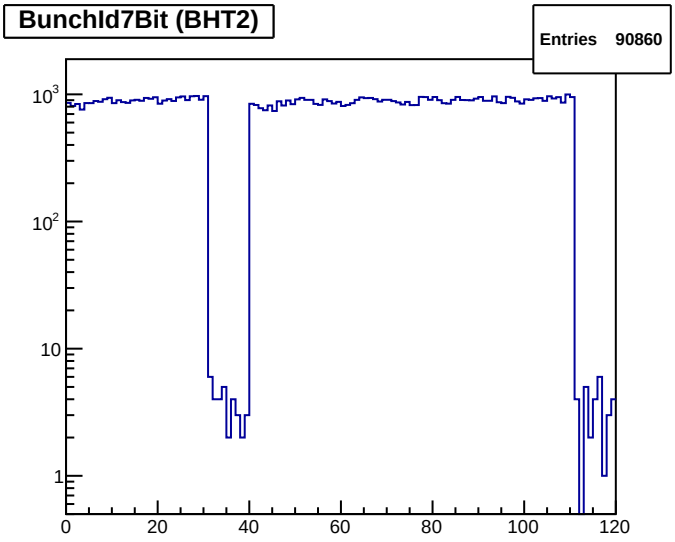

EM201E102JPSum
Entries 0
simu
data

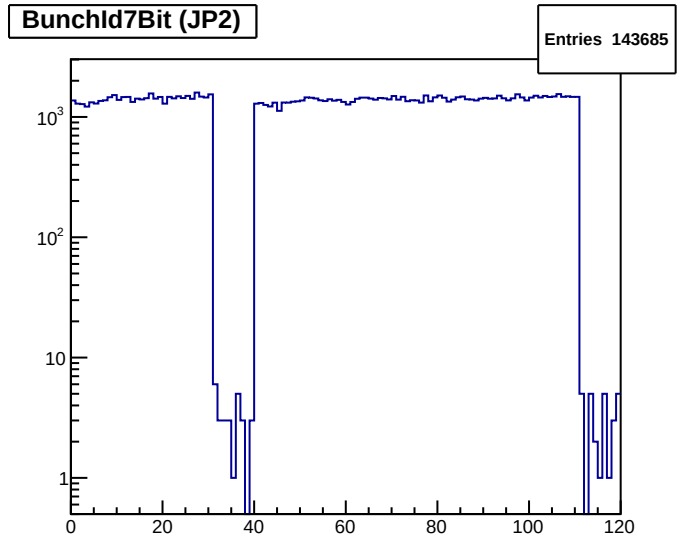

EM201E102JPId
Entries5745646
×10^3
JP partial Id

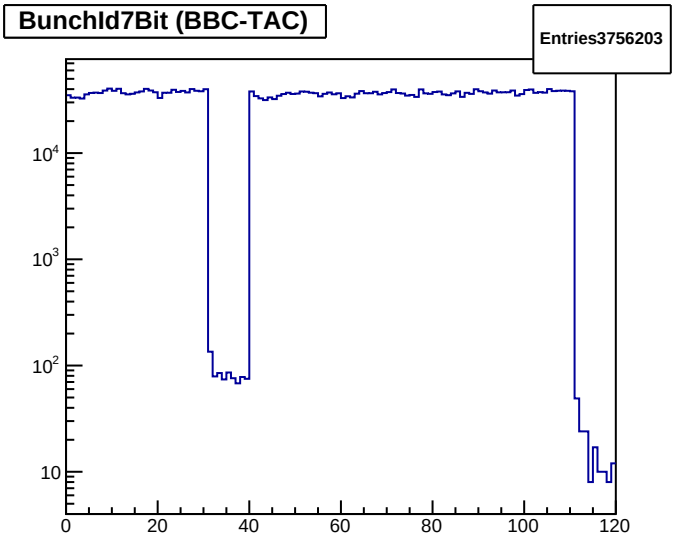

EM201E102JPId
Entries 0
simu
data

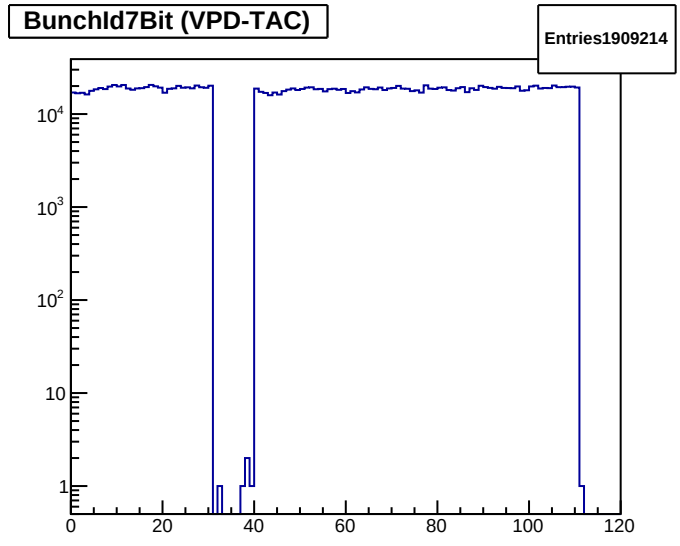

EM201E102Bits
Entries 2.872823e+07
110987
107228
118201
20251
12215
5.63466e+06
5.63842e+06
5.62744e+06
5.7194e+06
5.73343e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

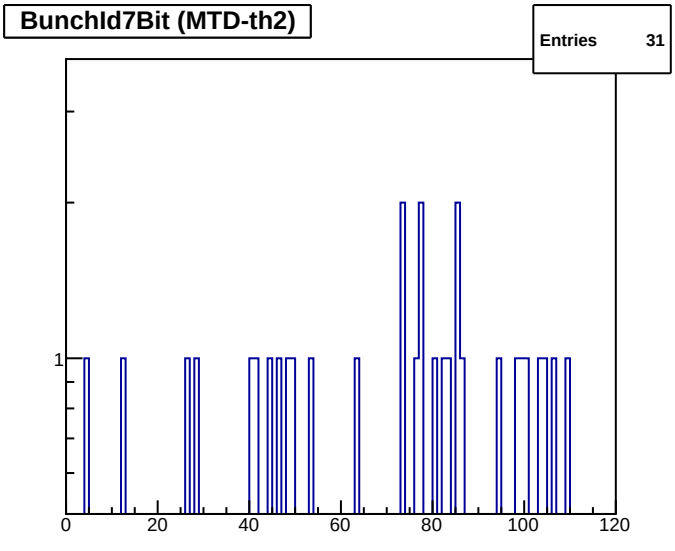

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

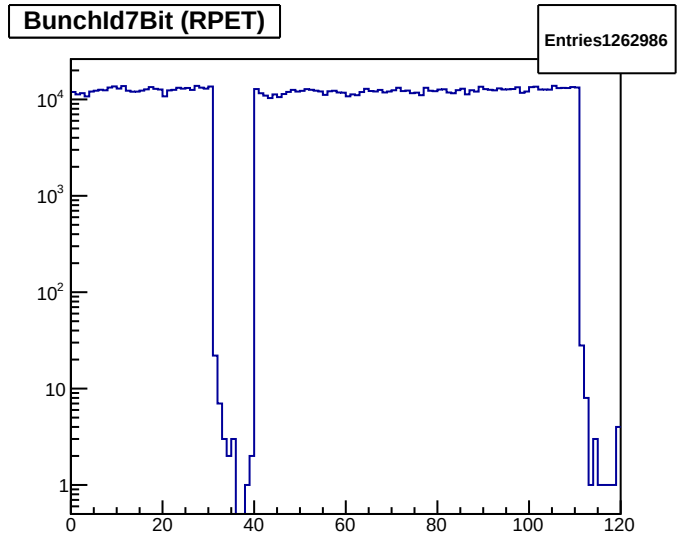

BunchId7Bit (BHT2)
Entries 90860

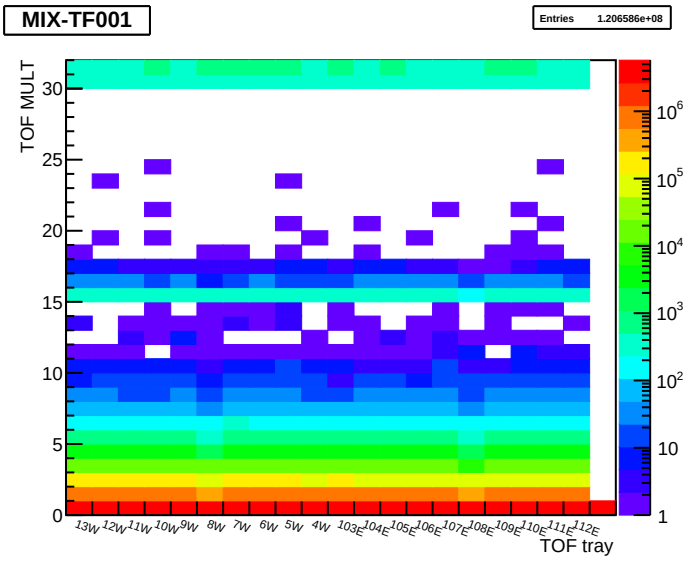

BunchId7Bit (JP2)
Entries 143685

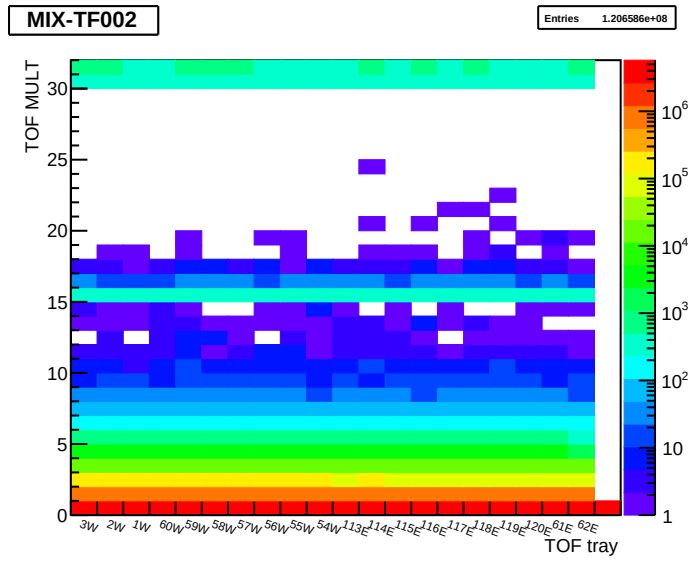

BunchId7Bit (BBC-TAC)
Entries3756203

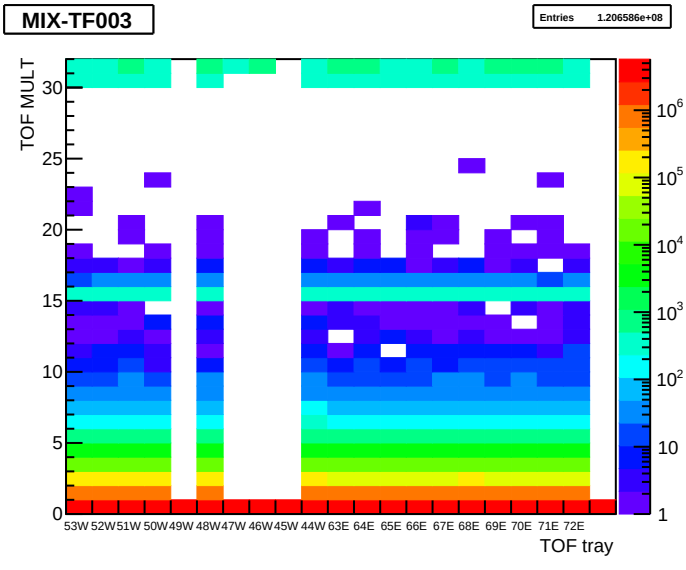

BunchId7Bit (VPD-TAC)
Entries1909214

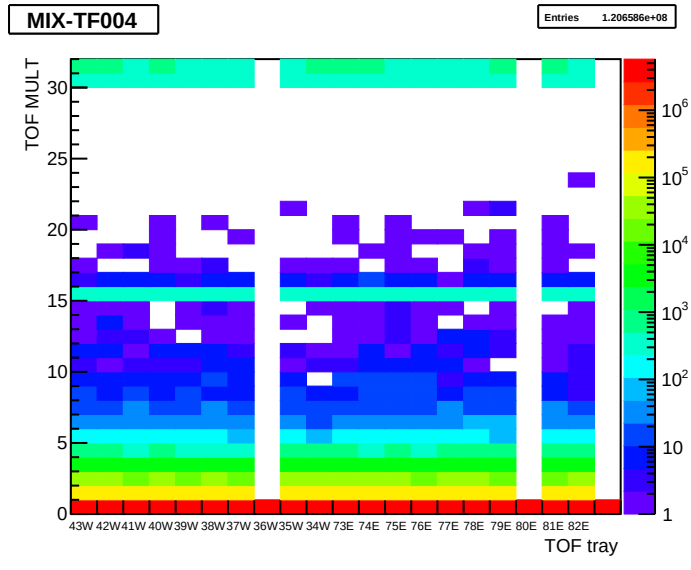

BunchId7Bit (MTD-th2)
Entries 31

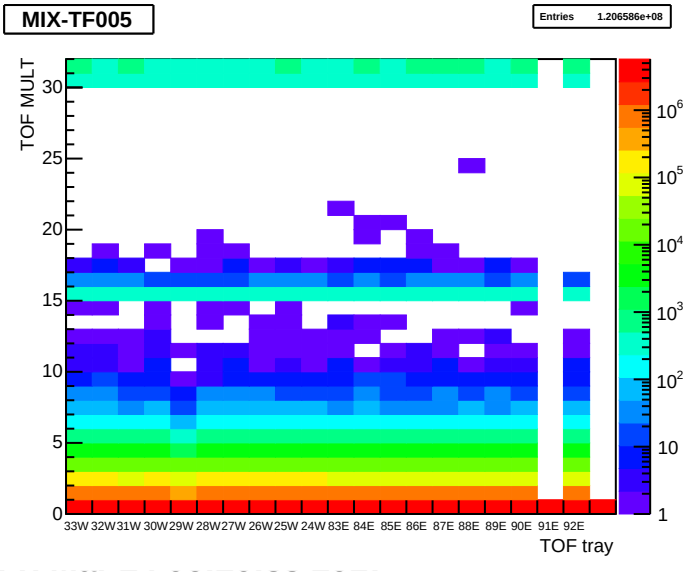

BunchId7Bit (RPET)
Entries1262986

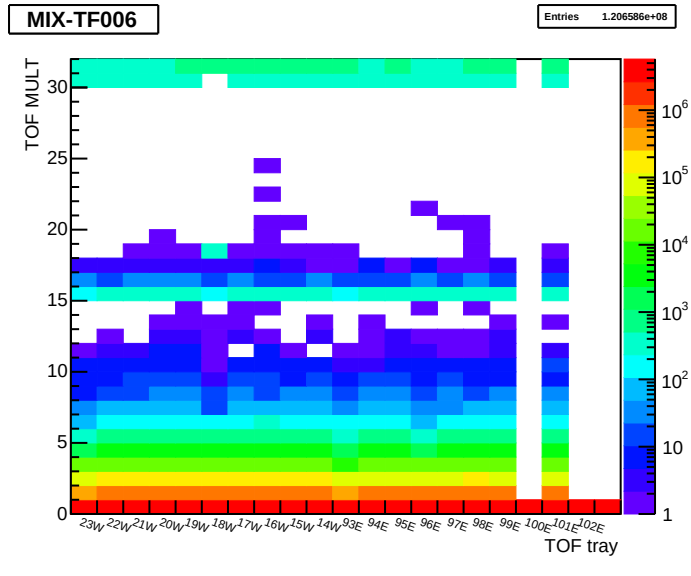

MIX-TF001
Entries 1.206586e+08
TOF MULT
TOF tray

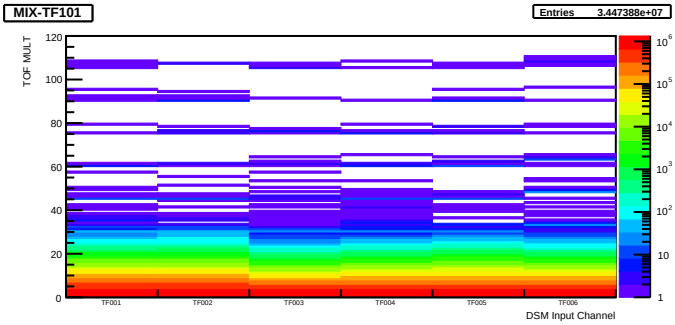

MIX-TF002
Entries 1.206586e+08
TOF MULT
TOF tray

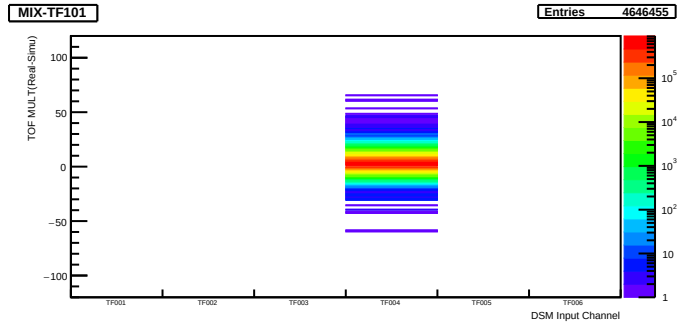

MIX-TF003
Entries 1.206586e+08
TOF MULT
TOF tray

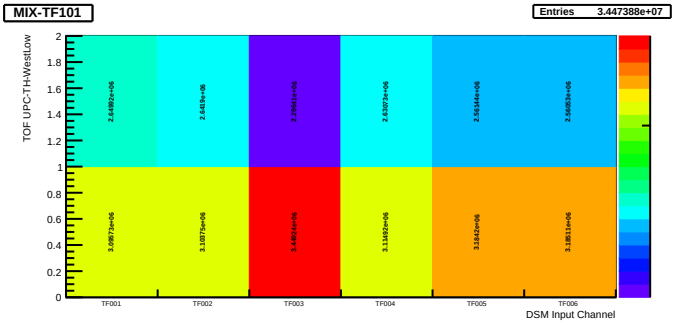

MIX-TF004
Entries 1.206586e+08
TOF MULT
TOF tray

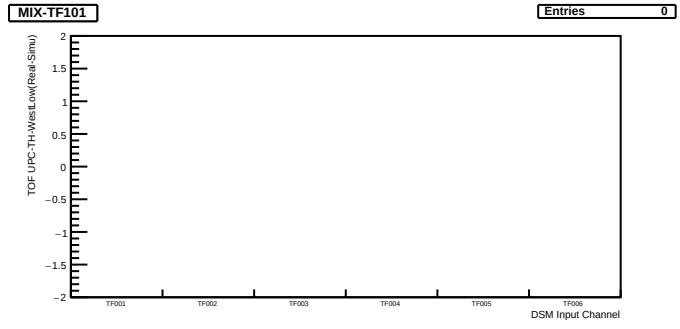

MIX-TF005
Entries 1.206586e+08
TOF MULT
TOF tray

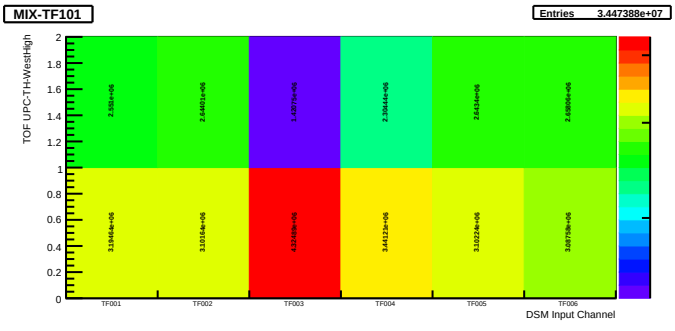

MIX-TF006
Entries 1.206586e+08
TOF MULT
TOF tray

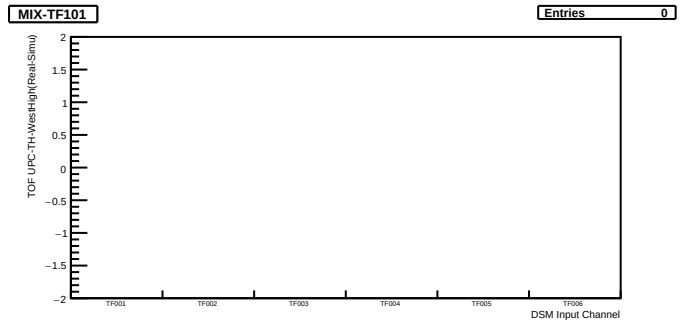

MIX-TF101
Entries 3.447388e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

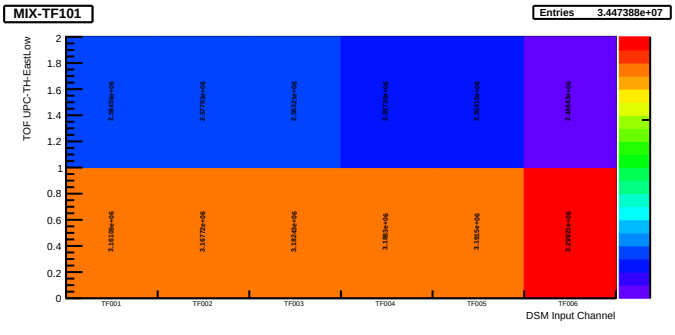

MIX-TF101
Entries 4646455
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

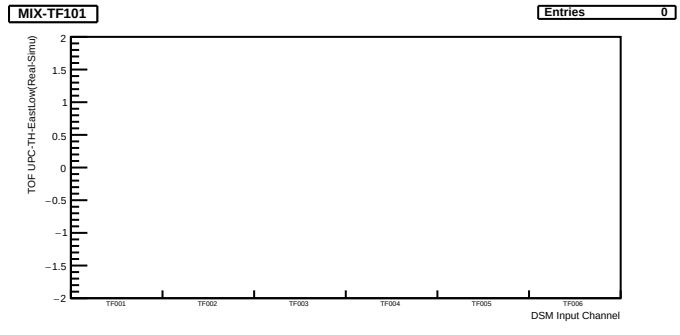

MIX-TF101
Entries 3.447388e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

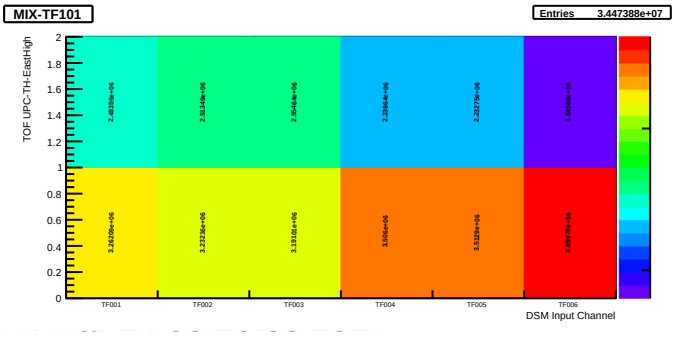

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

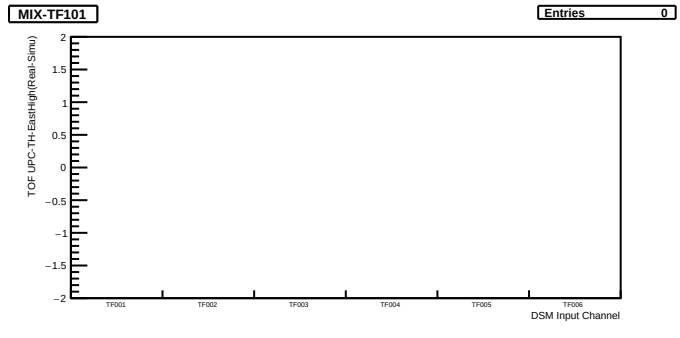

MIX-TF101
Entries 3.447388e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

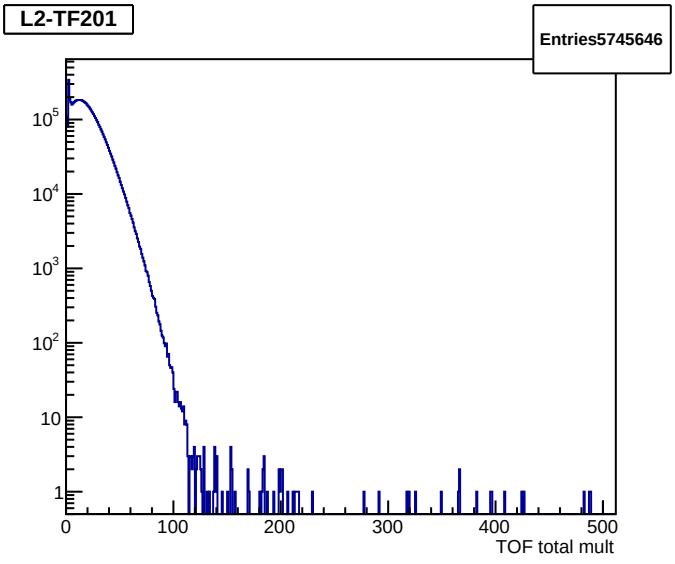

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

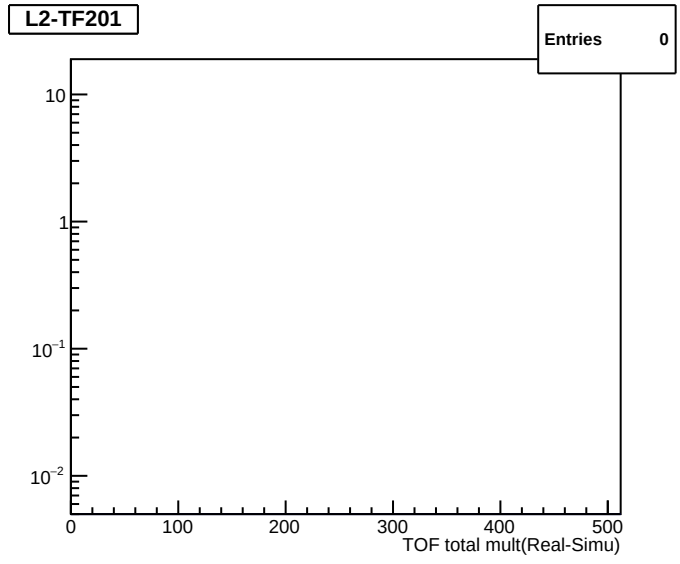

MIX-TF101
Entries 3.447388e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

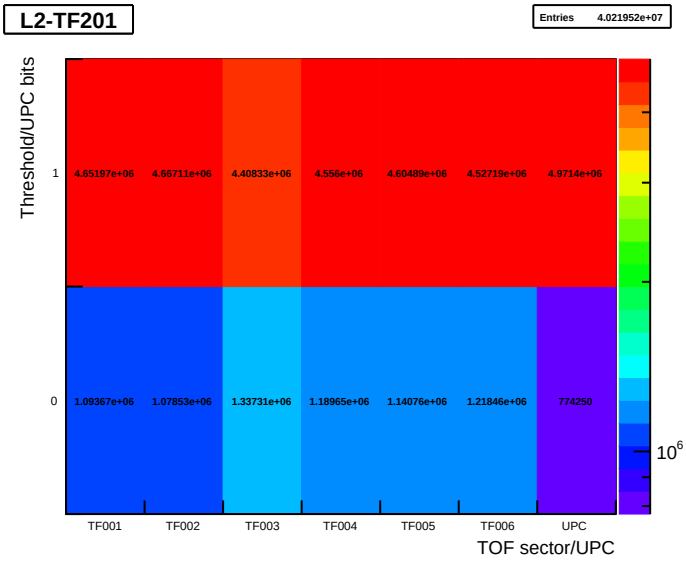

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

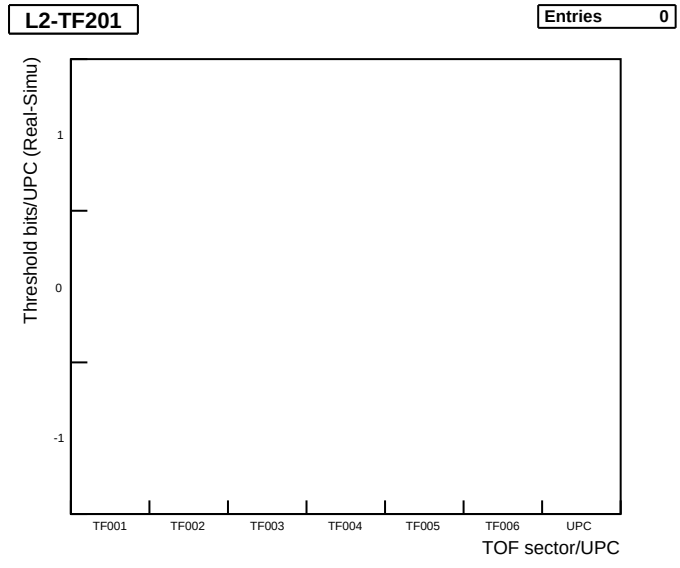

MIX-TF101
Entries 3.447388e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

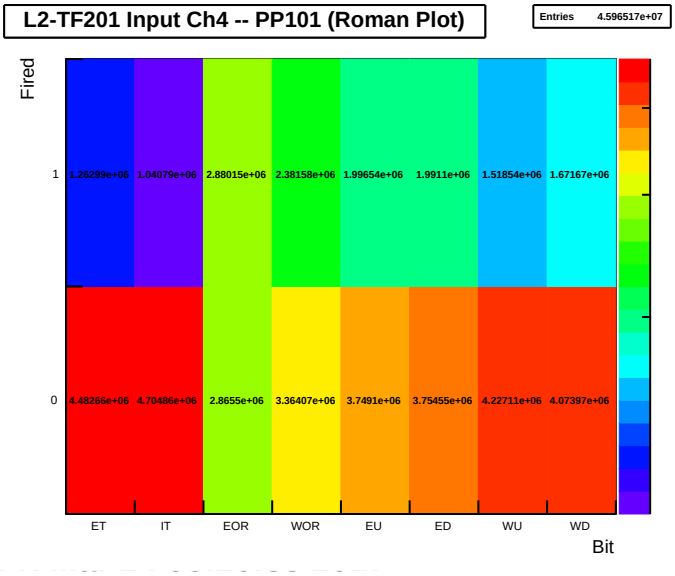

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

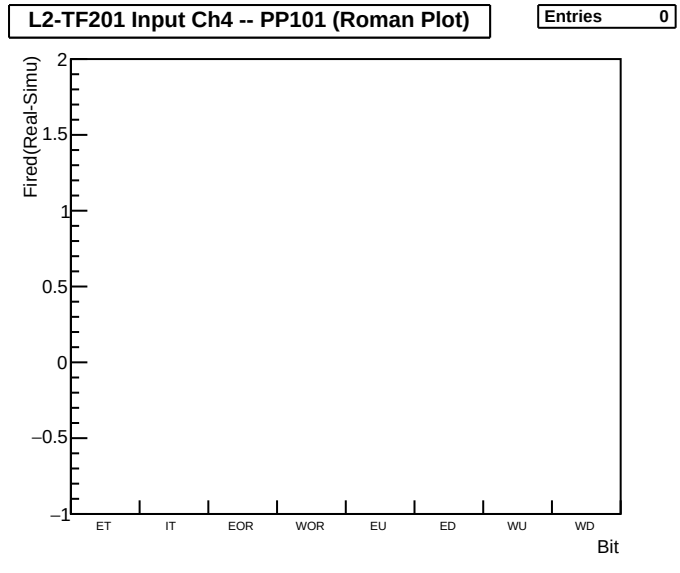

L2-TF201
Entries5745646
TOF total mult

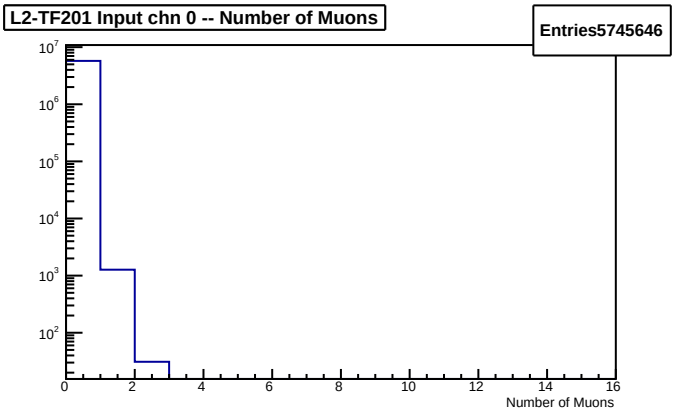

L2-TF201
Entries 0
TOF total mult(Real-Simu)

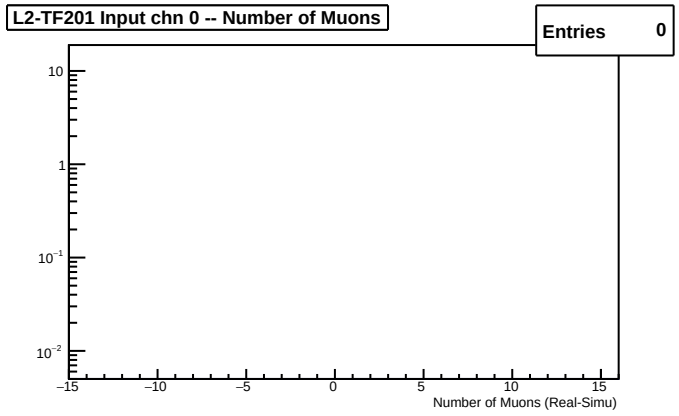

L2-TF201
Entries 4.021952e+07
Threshold/UPC bits
4.65197e+06
4.66711e+06
4.40833e+06
4.556e+06
4.60489e+06
4.52719e+06
4.9714e+06
1.09367e+06
1.07853e+06
1.33731e+06
1.18965e+06
1.14076e+06
1.21846e+06
774250
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

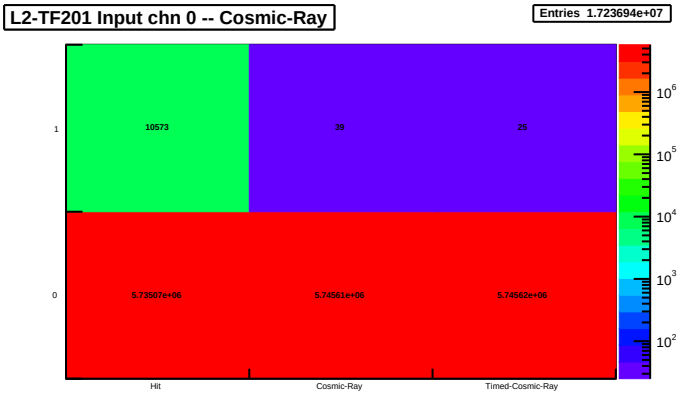

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

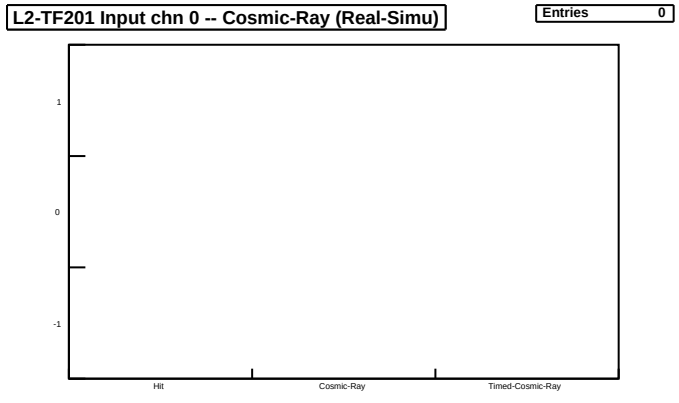

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 4.596517e+07
Fired
1.26299e+06
1.04079e+06
2.88015e+06
2.38158e+06
1.99654e+06
1.9911e+06
1.51854e+06
1.67167e+06
4.48266e+06
4.70486e+06
2.8655e+06
3.36407e+06
3.7491e+06
3.75455e+06
4.22711e+06
4.07397e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

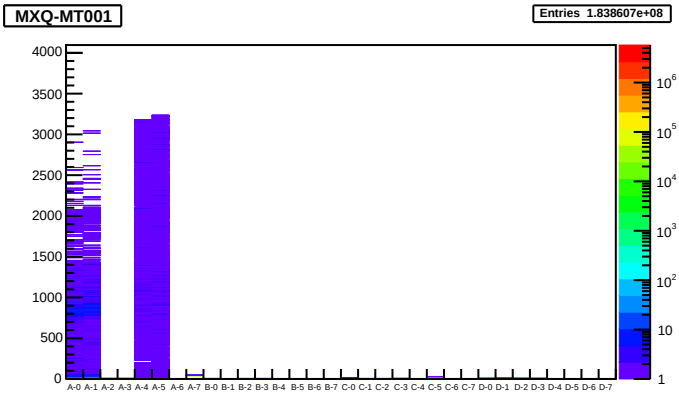

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit


L2-TF201 Input chn 0 -- Number of Muons
Entries5745646
Number of Muons


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


L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.723694e+07
10573
39
25
5.73507e+06
5.74561e+06
5.74562e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray


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


MXQ-MT001
Entries 1.838607e+08
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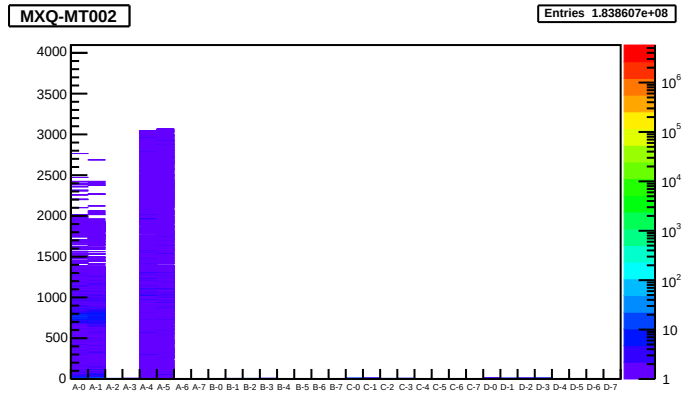
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT002
Entries 1.838607e+08
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2500
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1000
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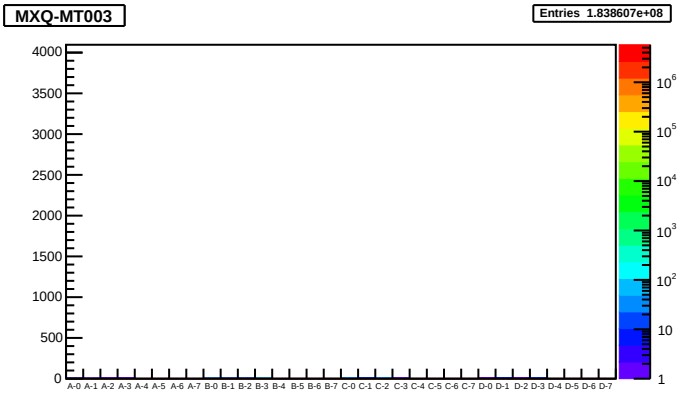
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT003
Entries 1.838607e+08
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1500
1000
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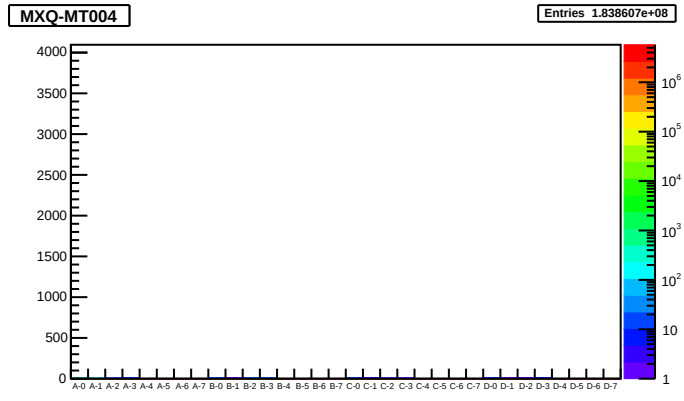
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT004
Entries 1.838607e+08
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2500
2000
1500
1000
500
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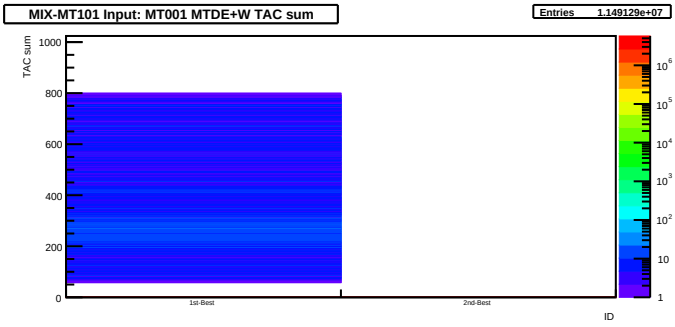
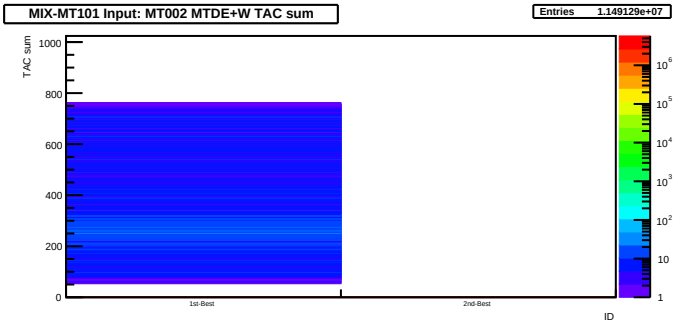
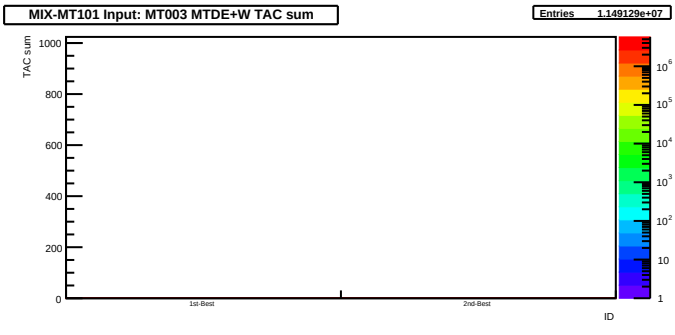
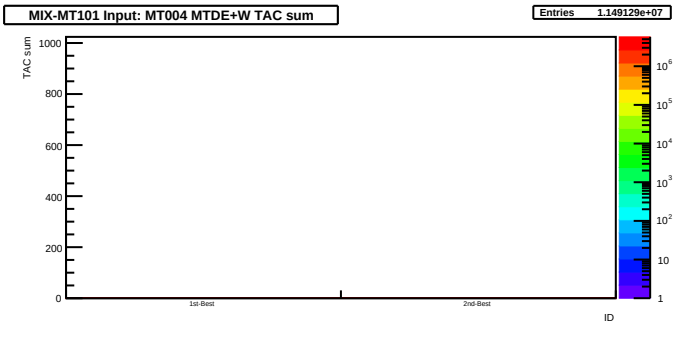
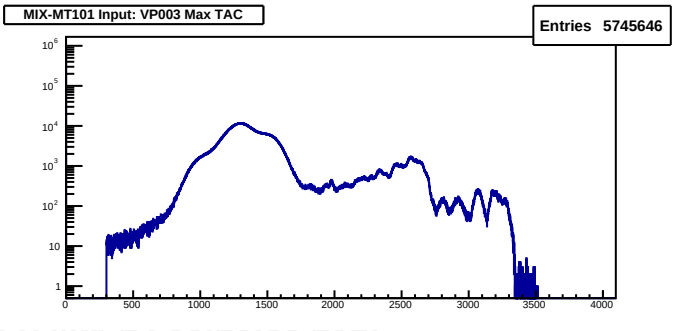
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

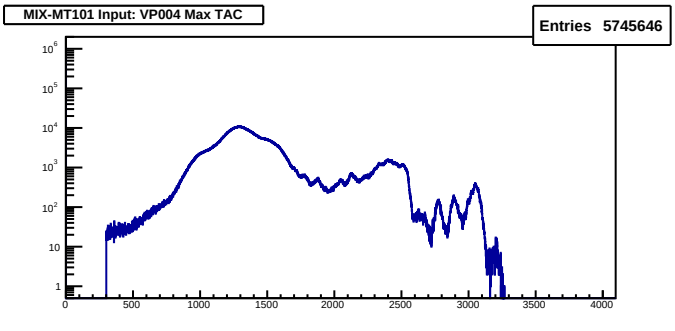

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.149129e+07
TAC sum
1st-Best
2nd-Best
ID

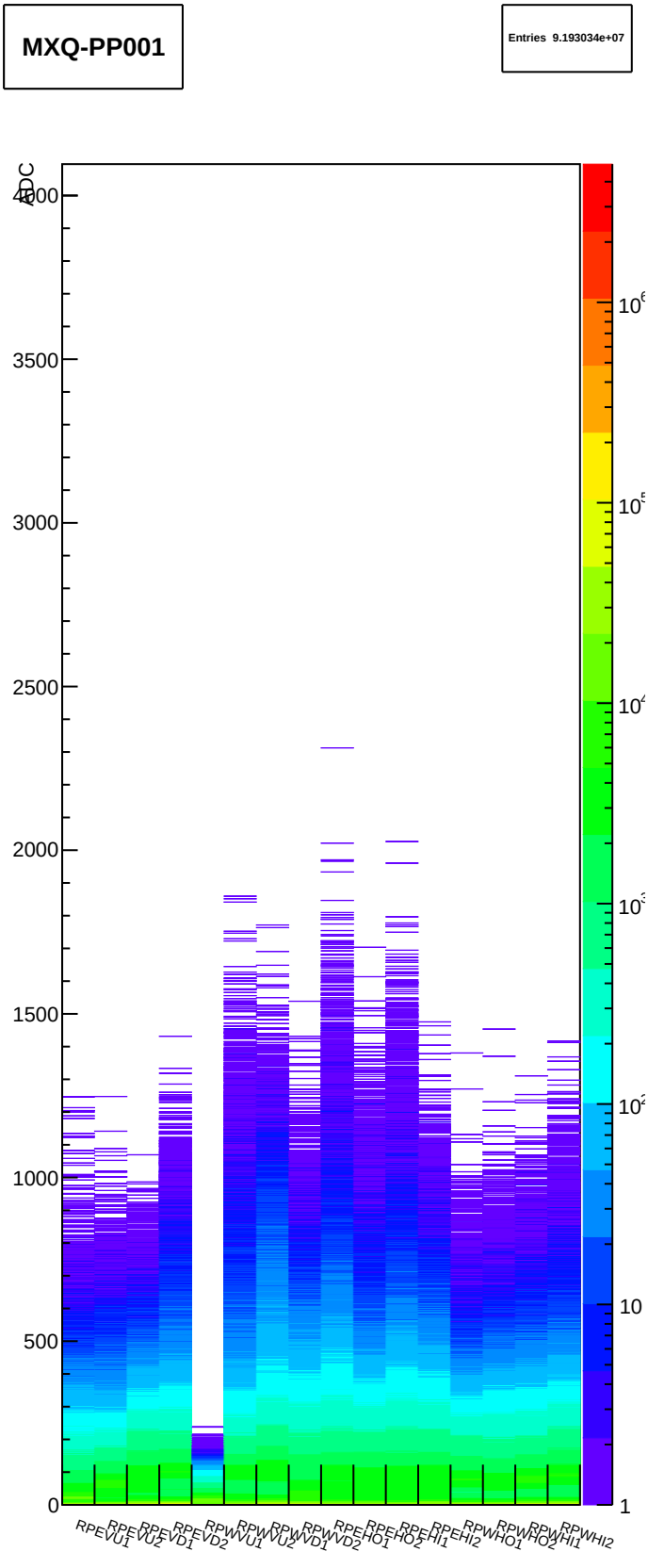

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.149129e+07
TAC sum
1st-Best
2nd-Best
ID

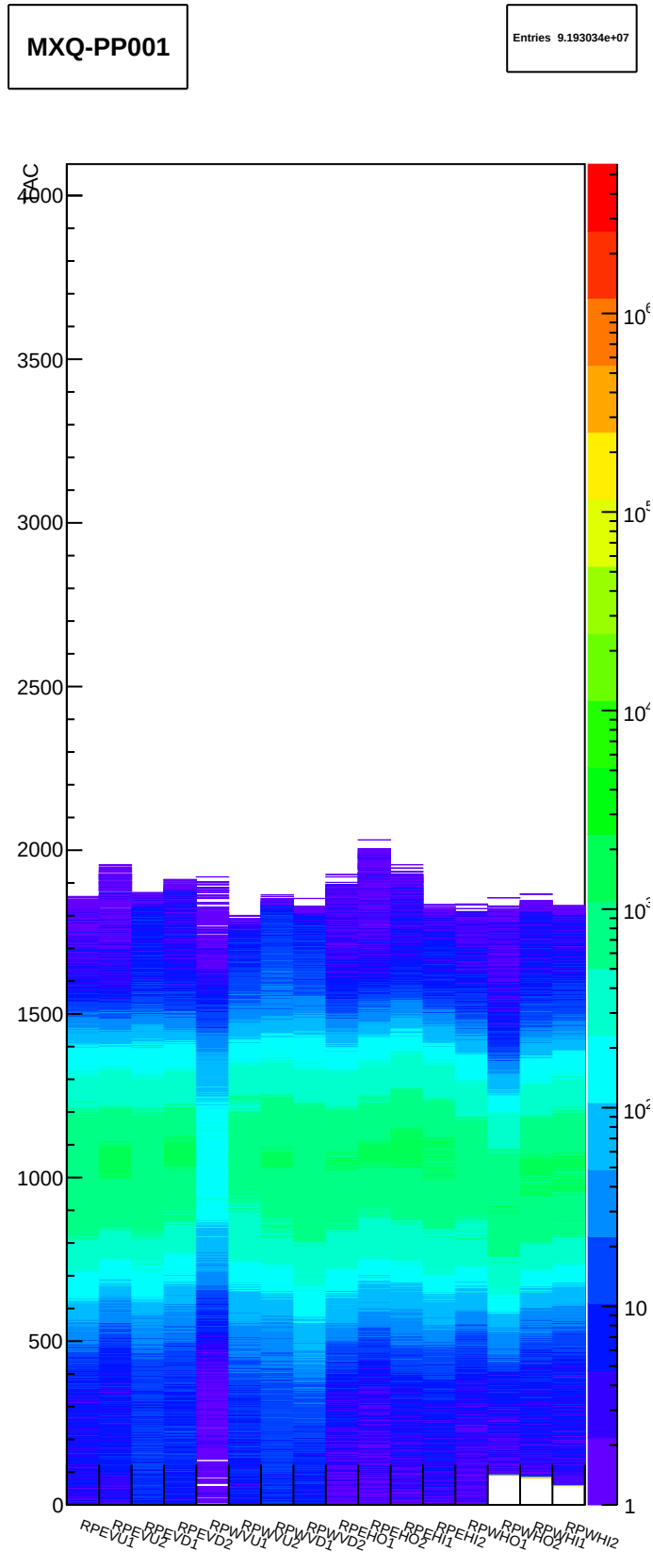

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.149129e+07
TAC sum
1st-Best
2nd-Best
ID

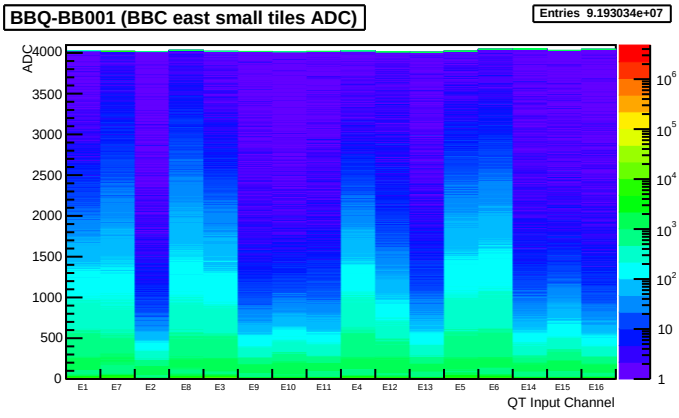

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.149129e+07
TAC sum
1st-Best
2nd-Best
ID

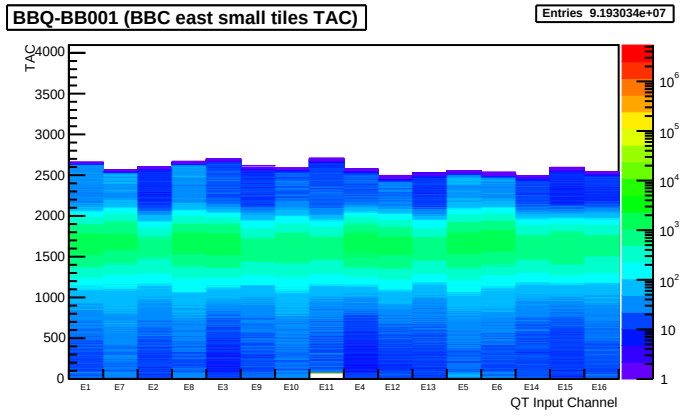

MIX-MT101 Input: VP003 Max TAC
Entries 5745646

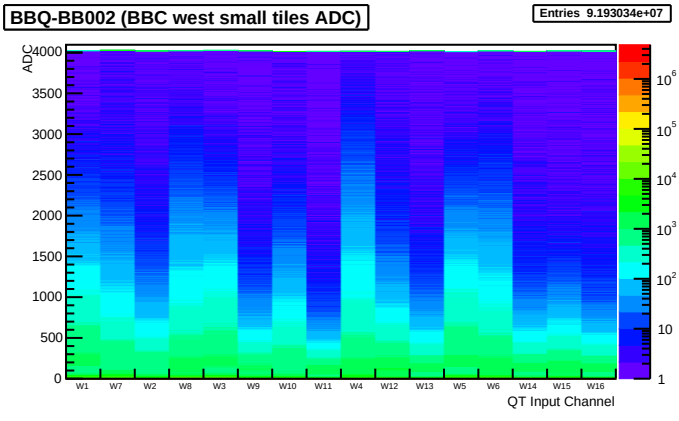

MIX-MT101 Input: VP004 Max TAC
Entries 5745646

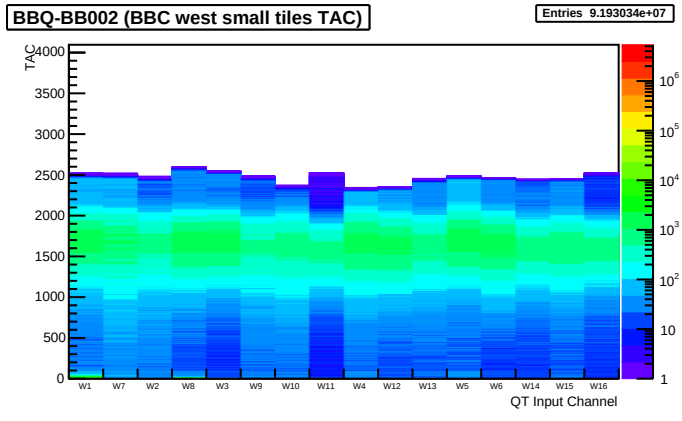

MXQ-PP001
Entries 9.193034e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

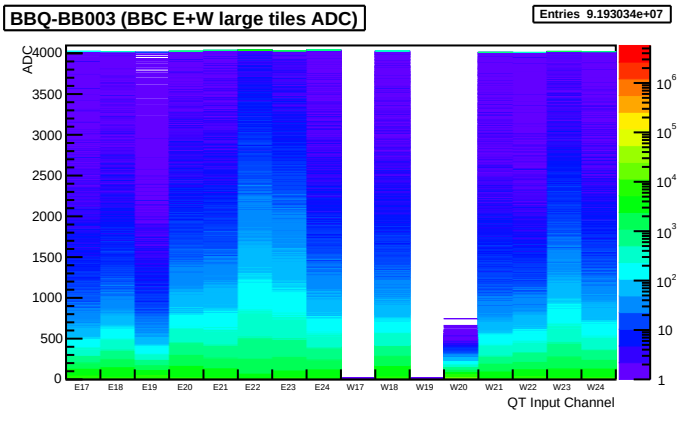

MXQ-PP001
Entries 9.193034e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

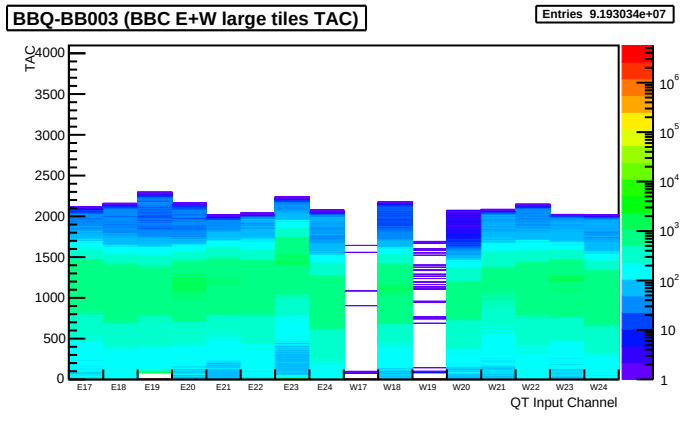

BBQ-BB001 (BBC east small tiles ADC)
Entries 9.193034e+07
ADC
QT Input Channel

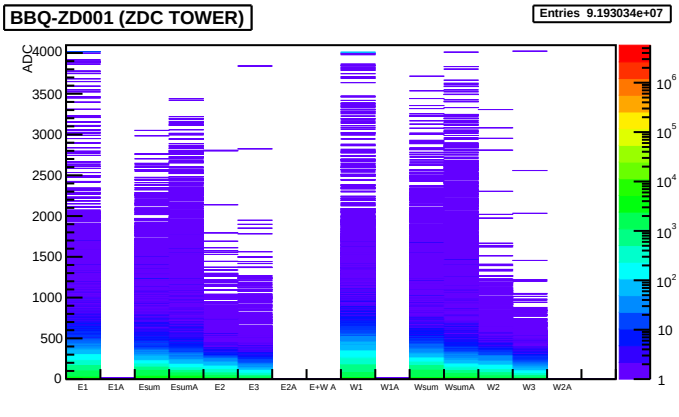

BBQ-BB001 (BBC east small tiles TAC)
Entries 9.193034e+07
TAC
QT Input Channel

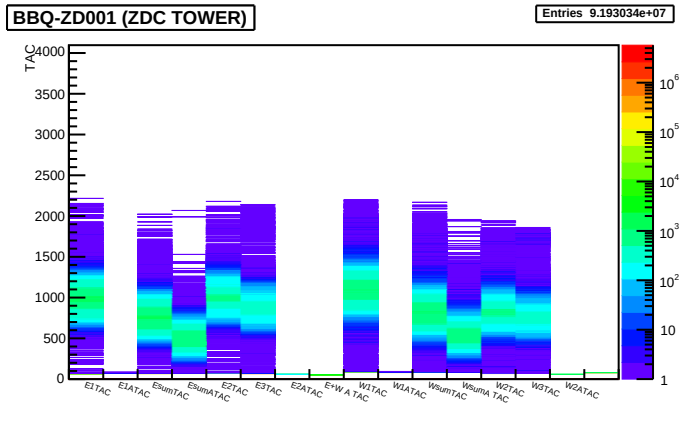

BBQ-BB002 (BBC west small tiles ADC)
Entries 9.193034e+07
ADC
QT Input Channel

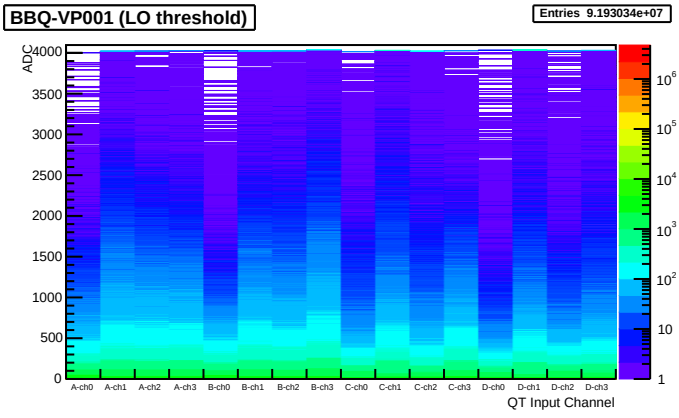

BBQ-BB002 (BBC west small tiles TAC)
Entries 9.193034e+07
TAC
QT Input Channel

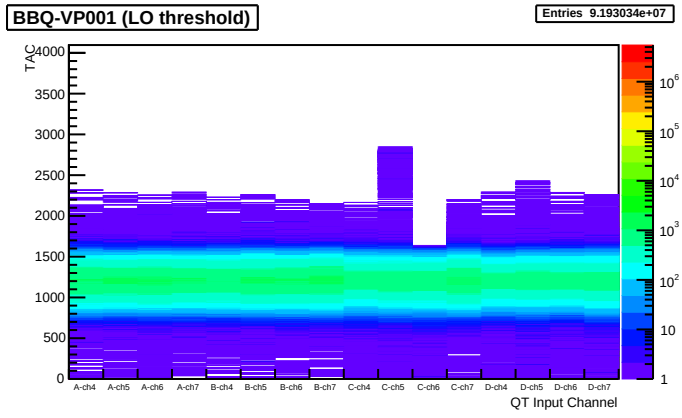

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 9.193034e+07
ADC
QT Input Channel

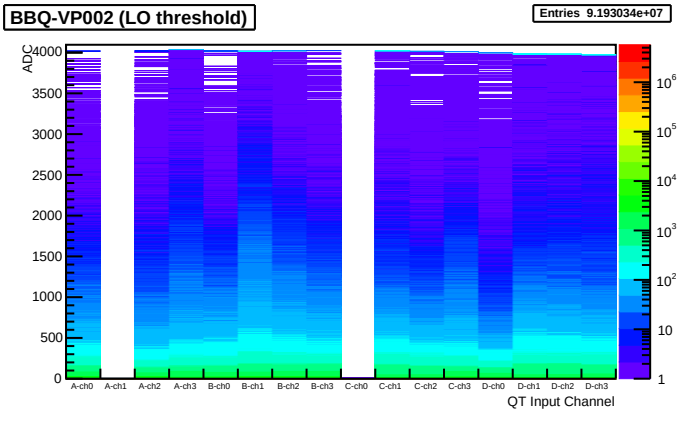

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 9.193034e+07
TAC
QT Input Channel

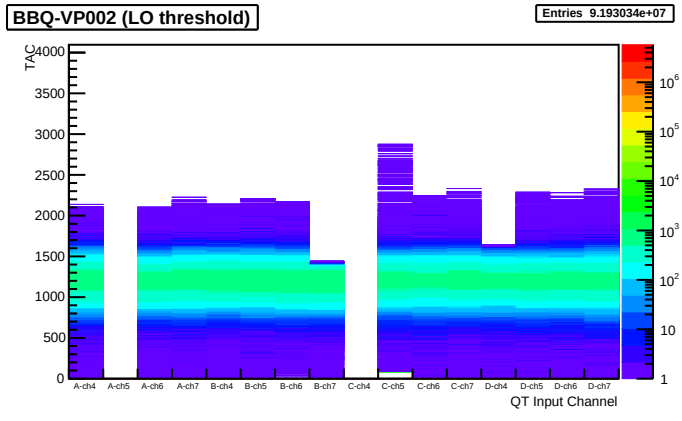

BBQ-ZD001 (ZDC TOWER)
Entries 9.193034e+07
ADC

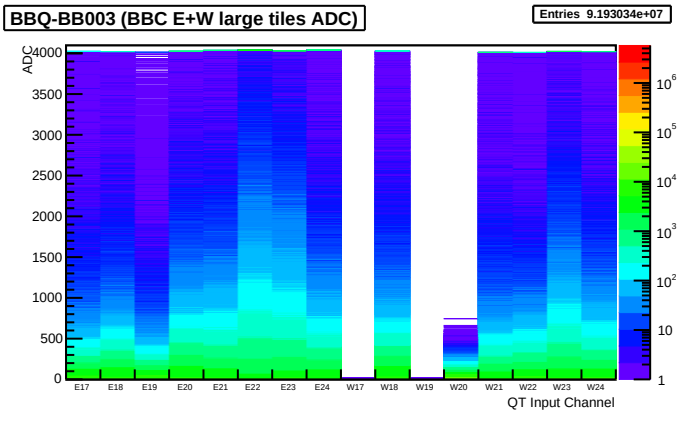

BBQ-ZD001 (ZDC TOWER)
Entries 9.193034e+07
TAC

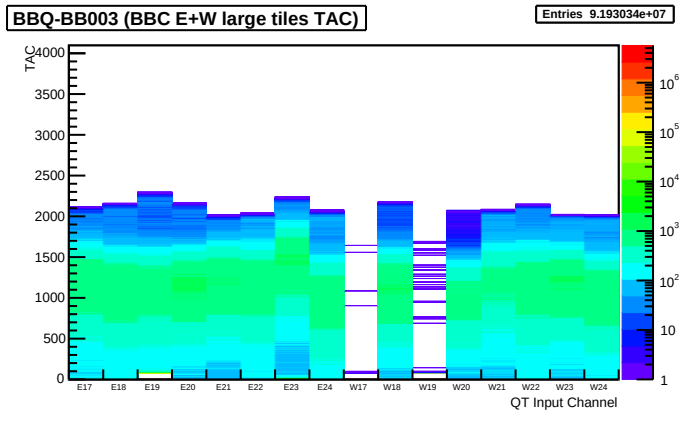

BBQ-VP001 (LO threshold)
Entries 9.193034e+07
ADC
QT Input Channel

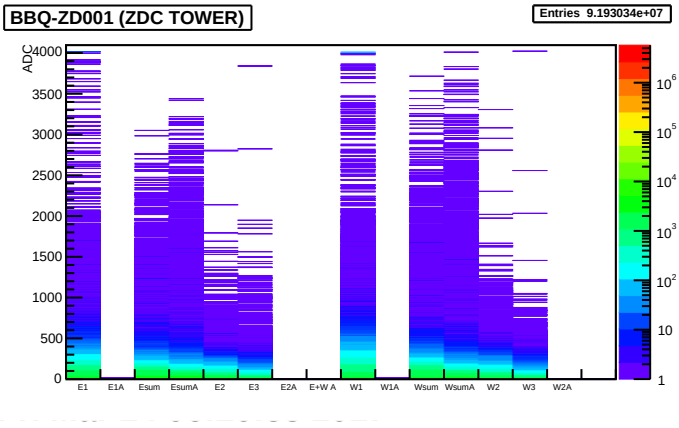

BBQ-VP001 (LO threshold)
Entries 9.193034e+07
TAC
QT Input Channel

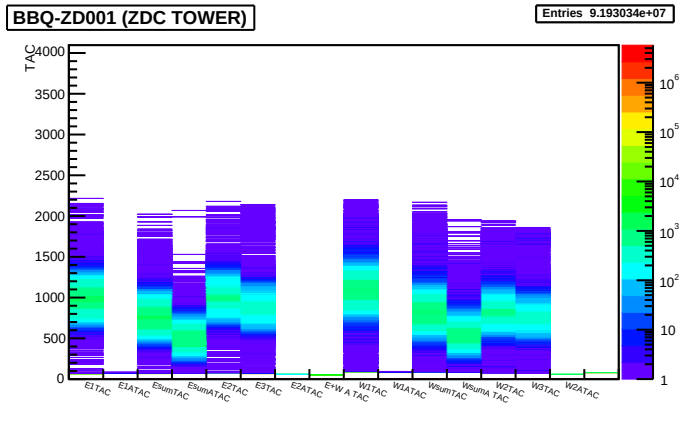

BBQ-VP002 (LO threshold)
Entries 9.193034e+07
ADC
QT Input Channel

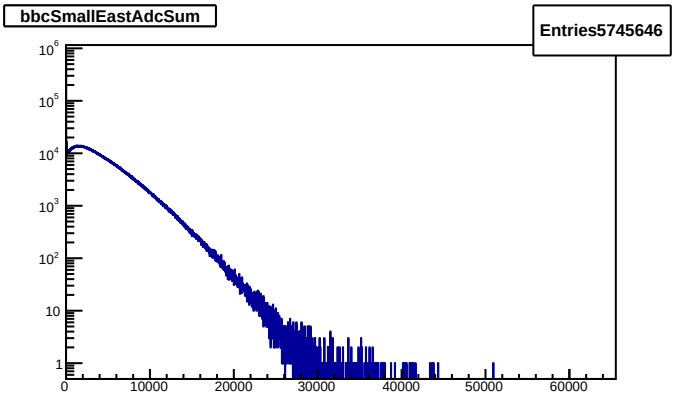

BBQ-VP002 (LO threshold)
Entries 9.193034e+07
TAC
QT Input Channel

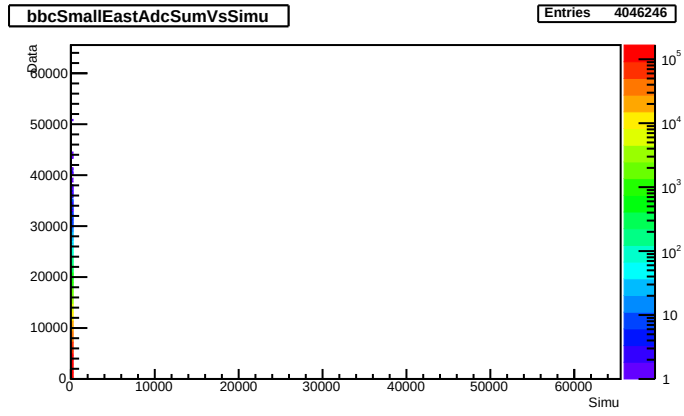

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 9.193034e+07
ADC
QT Input Channel

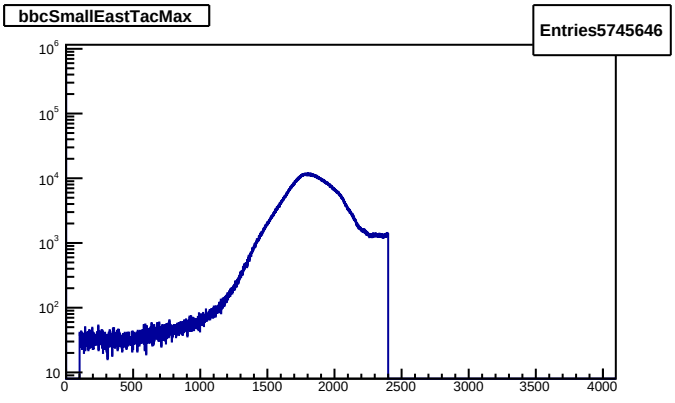

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 9.193034e+07
TAC
QT Input Channel

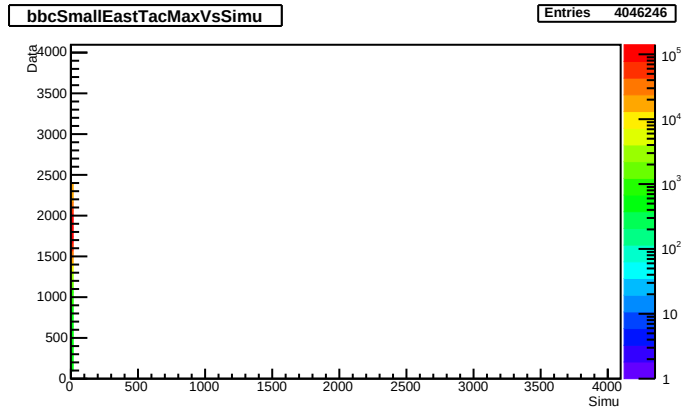

BBQ-ZD001 (ZDC TOWER)
Entries 9.193034e+07
ADC

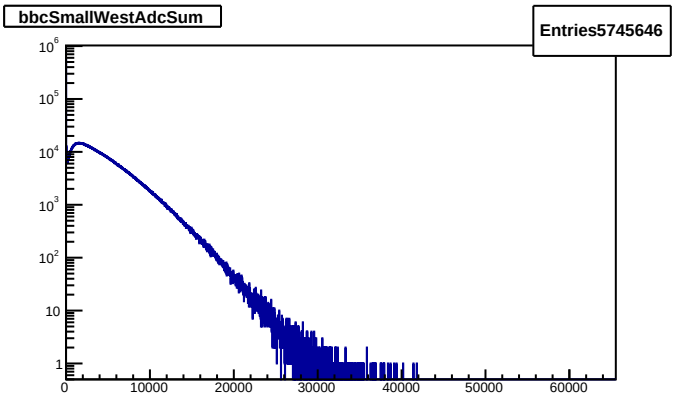

BBQ-ZD001 (ZDC TOWER)
Entries 9.193034e+07
TAC

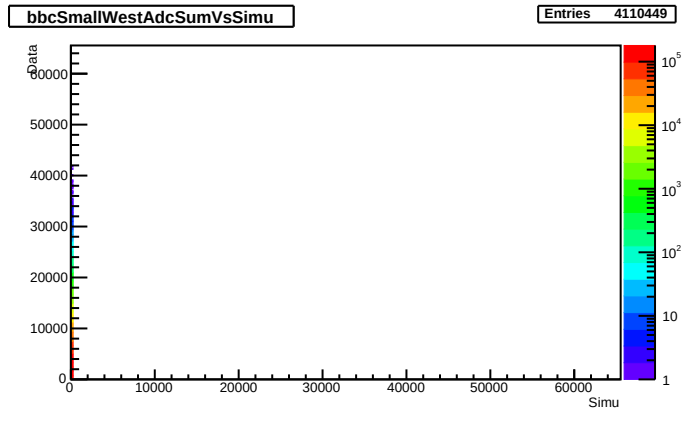

bbcSmallEastAdcSum
Entries5745646

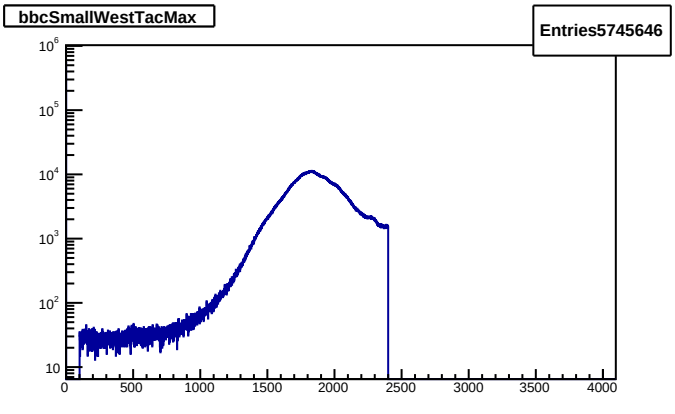

bbcSmallEastAdcSumVsSimu
Entries 4046246
Data
Simu

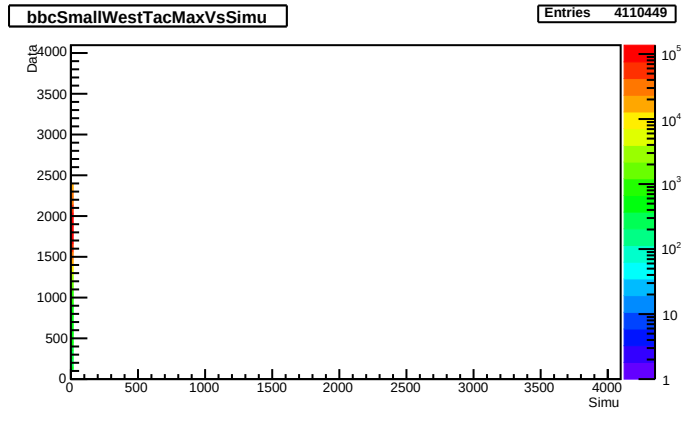

bbcSmallEastTacMax
Entries5745646

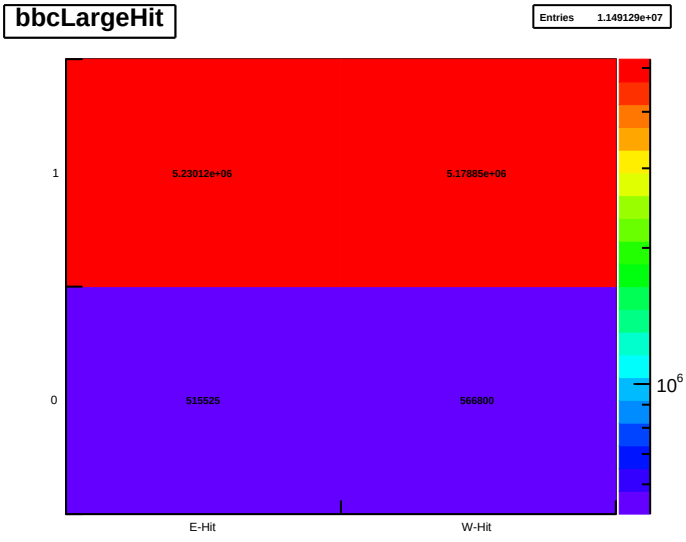

bbcSmallEastTacMaxVsSimu
Entries 4046246
Data
Simu


bbcSmallWestAdcSum
Entries5745646


bbcSmallWestAdcSumVsSimu
Entries 4110449
Data
Simu


bbcSmallWestTacMax
Entries5745646


bbcSmallWestTacMaxVsSimu
Entries 4110449
Data
Simu


bbcLargeHit
Entries 1.149129e+07
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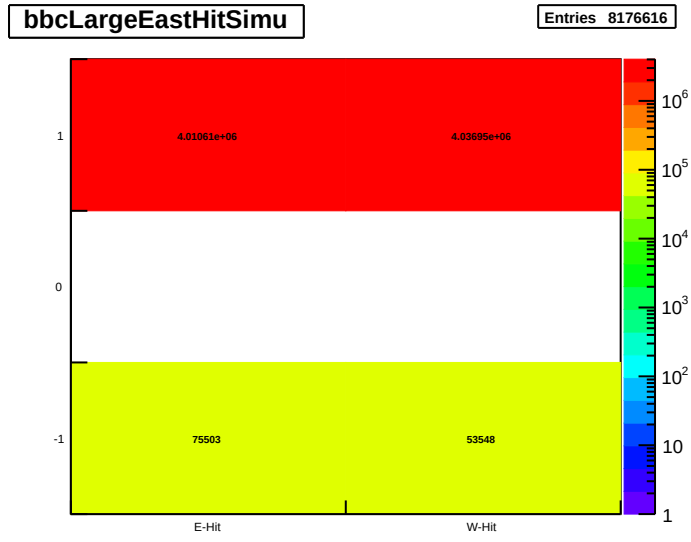
5.23012e+06
5.17885e+06
515525
566800
E-Hit
W-Hit
10^6


bbcLargeEastHitSimu
Entries 8176616
1
0
-1
4.01061e+06
4.03695e+06
75503
53548
E-Hit
W-Hit
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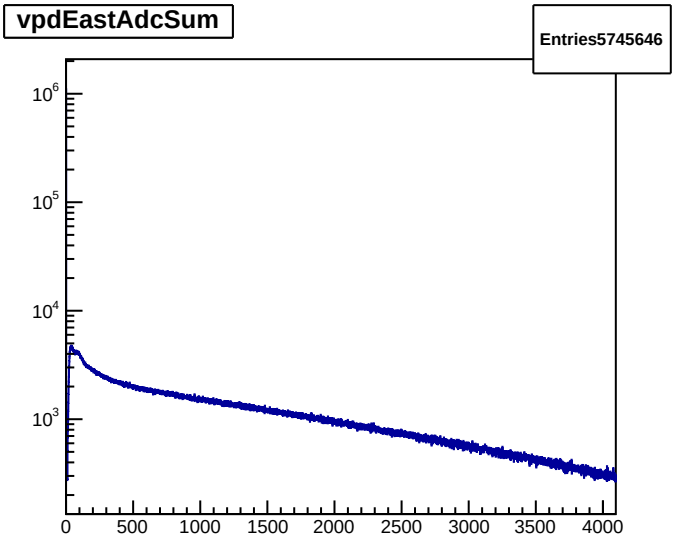
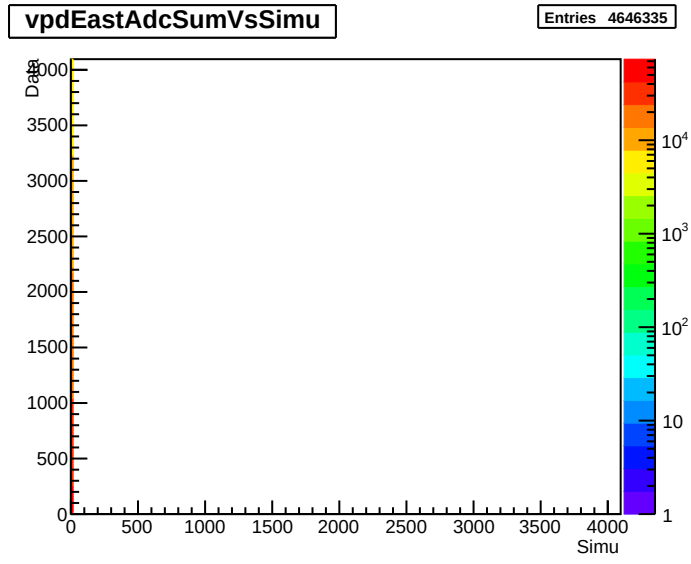
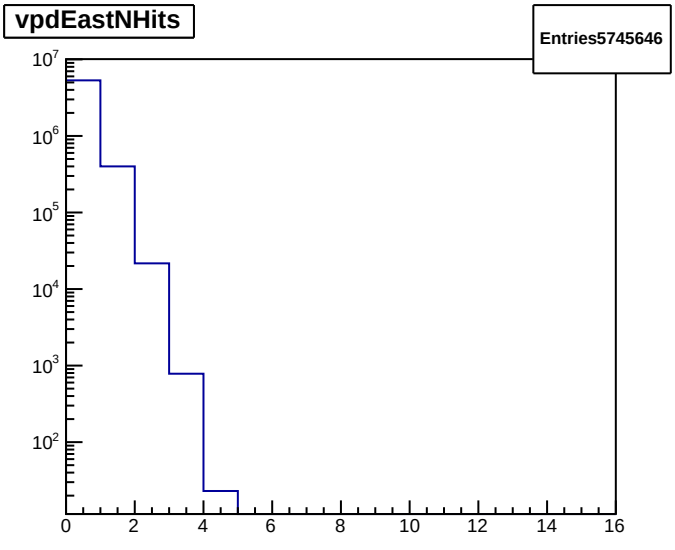
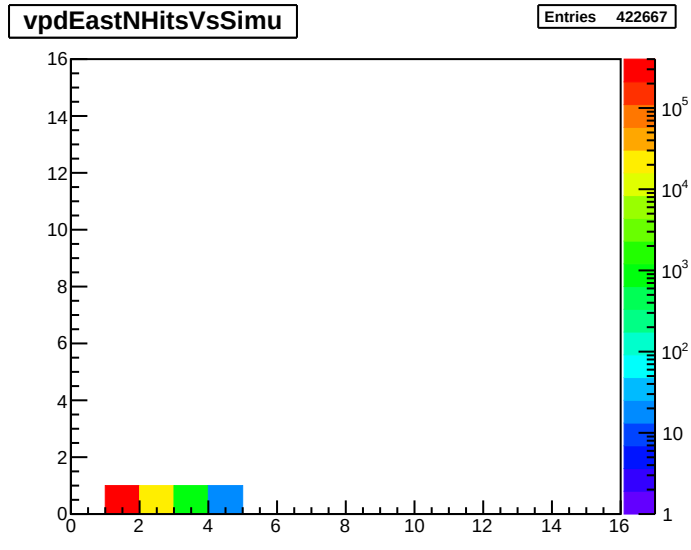
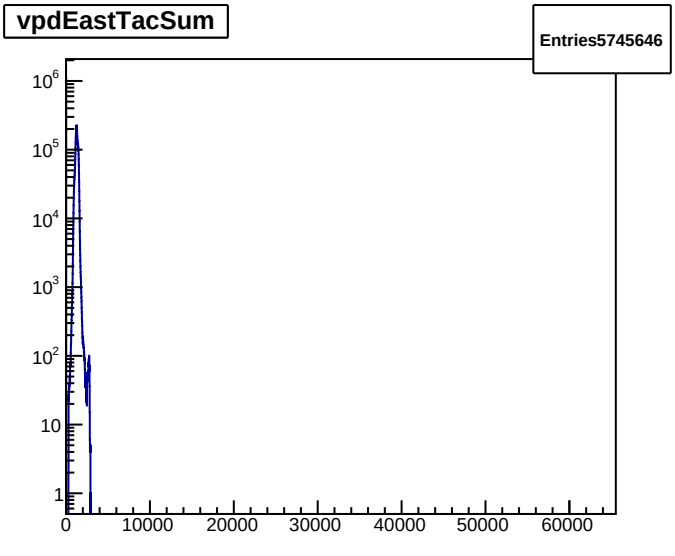
10^5
10^4
10^3
10^2
10
1

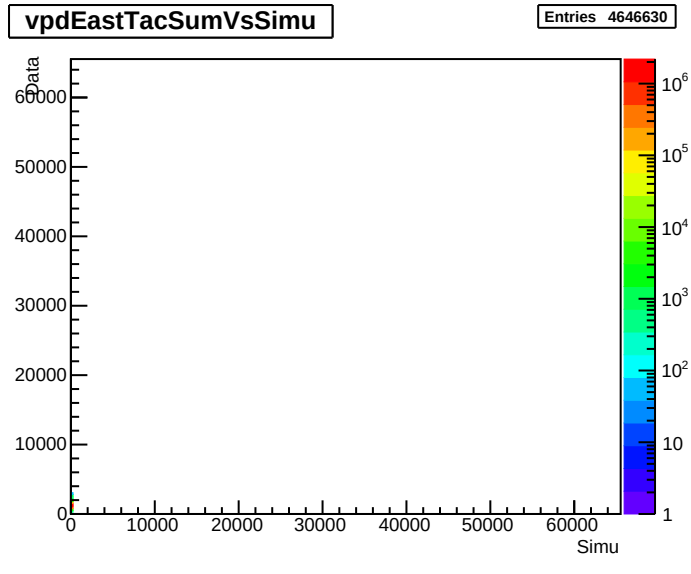

vpdEastAdcSum
Entries5745646

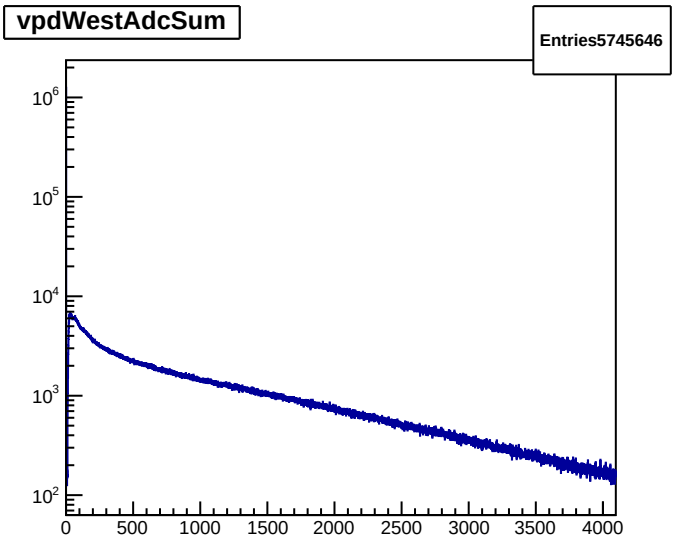

vpdEastAdcSumVsSimu
Entries 4646335
Data
Simu

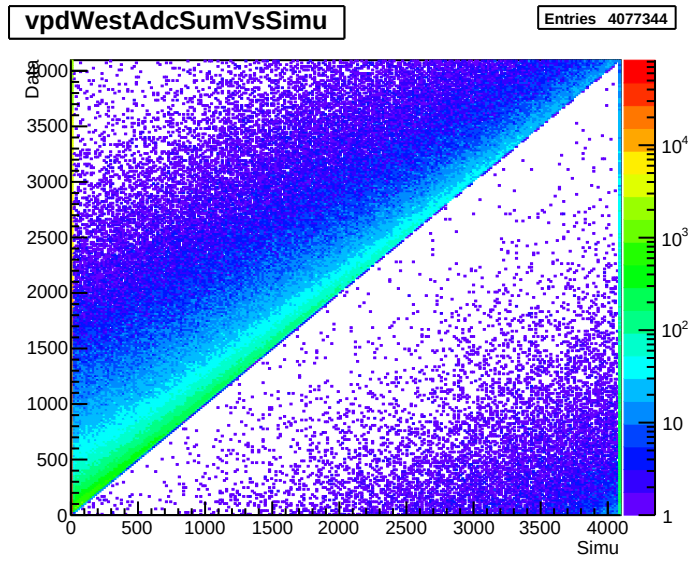

vpdEastNHits
Entries5745646

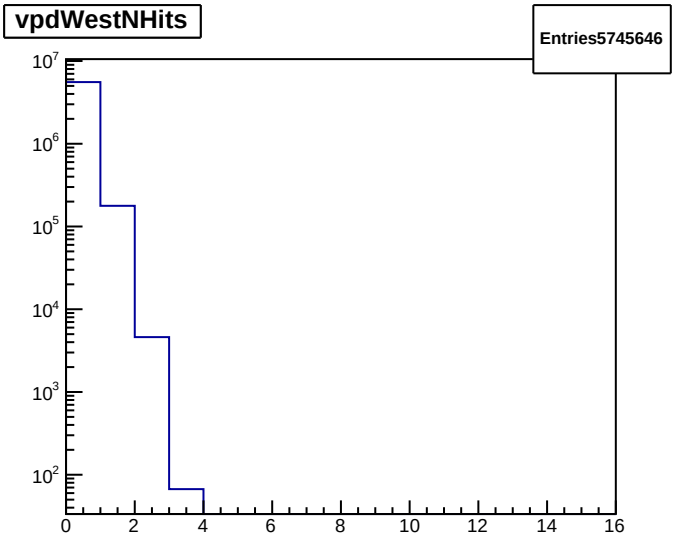

vpdEastNHitsVsSimu
Entries 422667

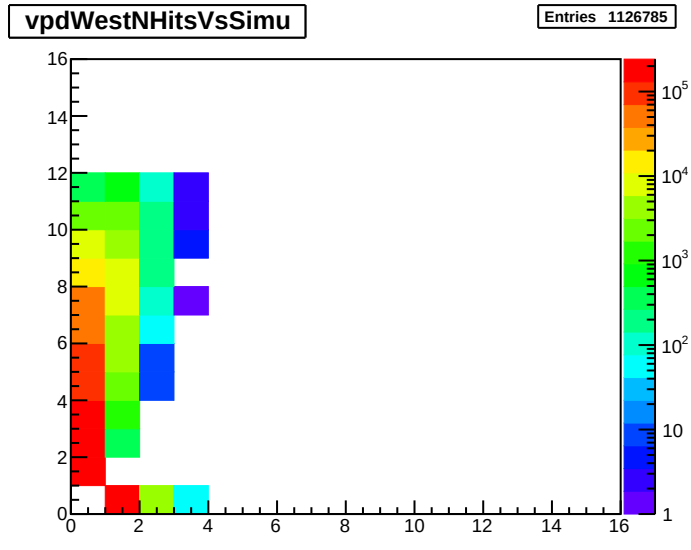

vpdEastTacSum
Entries5745646

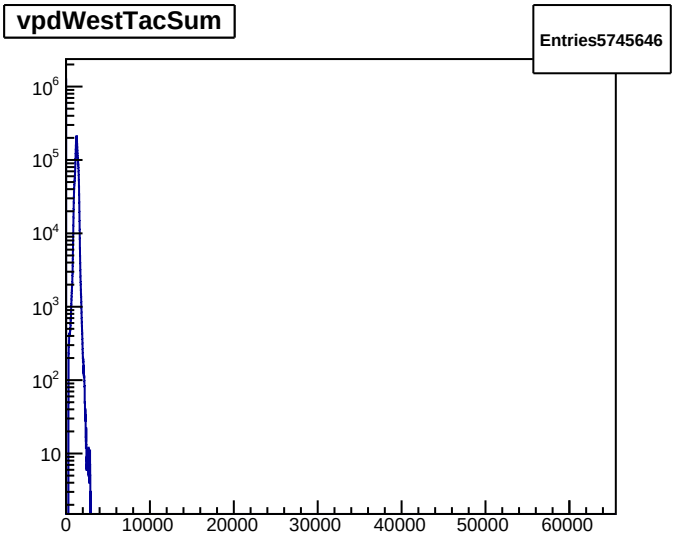

vpdEastTacSumVsSimu
Entries 4646630
Data
Simu

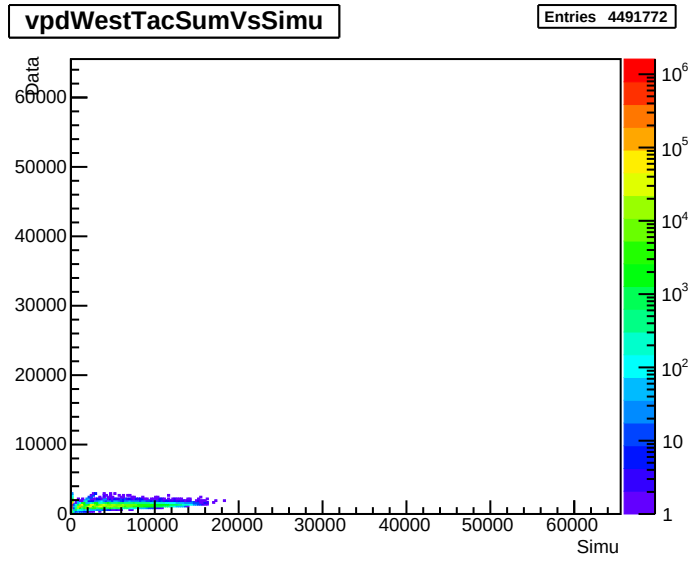

vpdWestAdcSum
Entries5745646

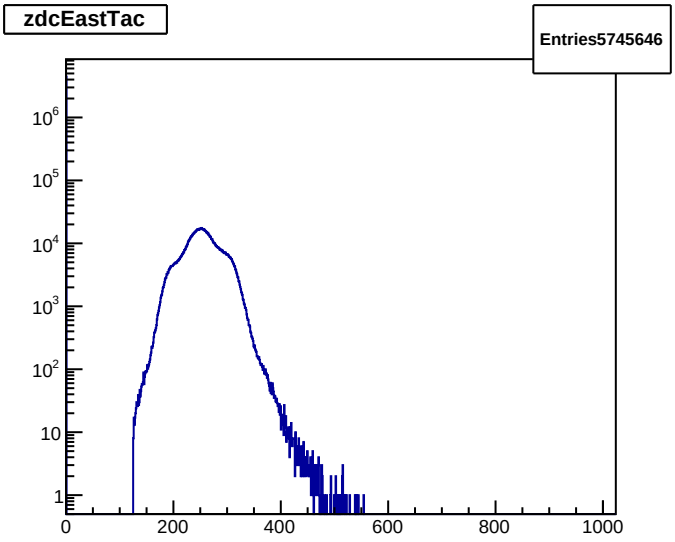

vpdWestAdcSumVsSimu
Entries 4077344
Data
Simu

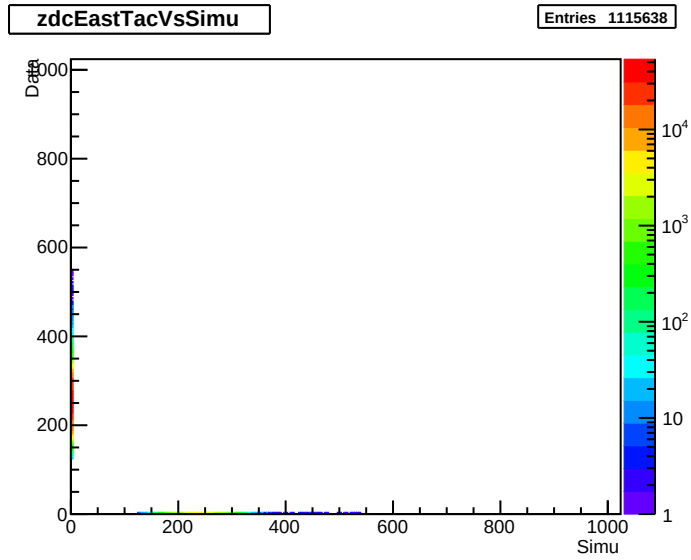

vpdWestNHits
Entries5745646

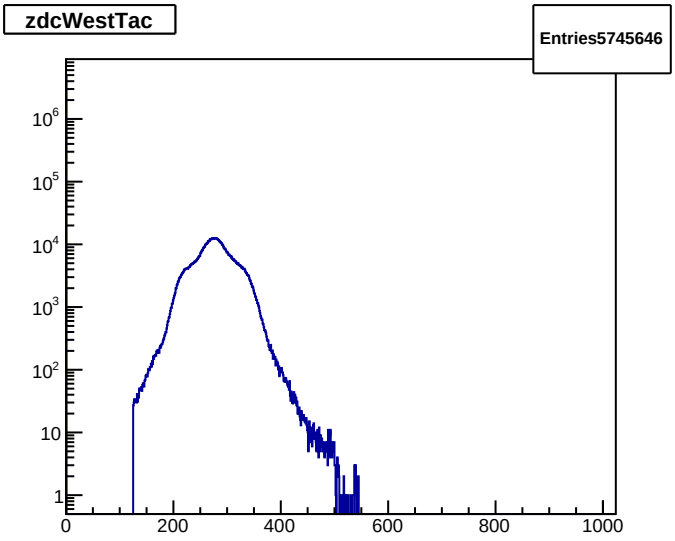

vpdWestNHitsVsSimu
Entries 1126785

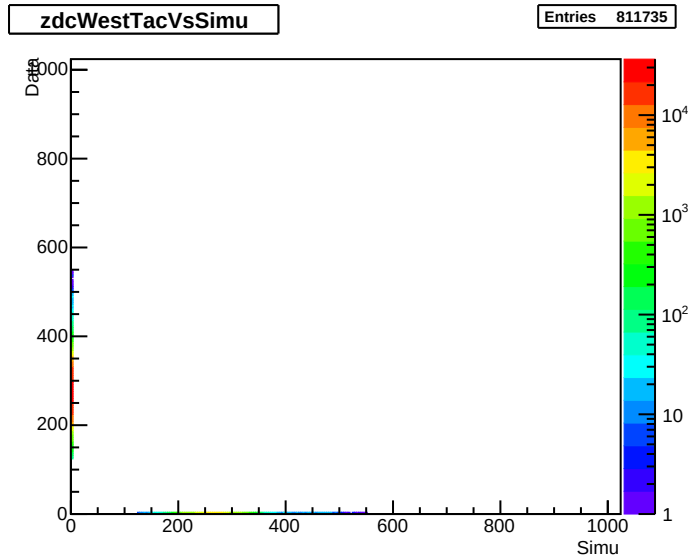

vpdWestTacSum
Entries5745646

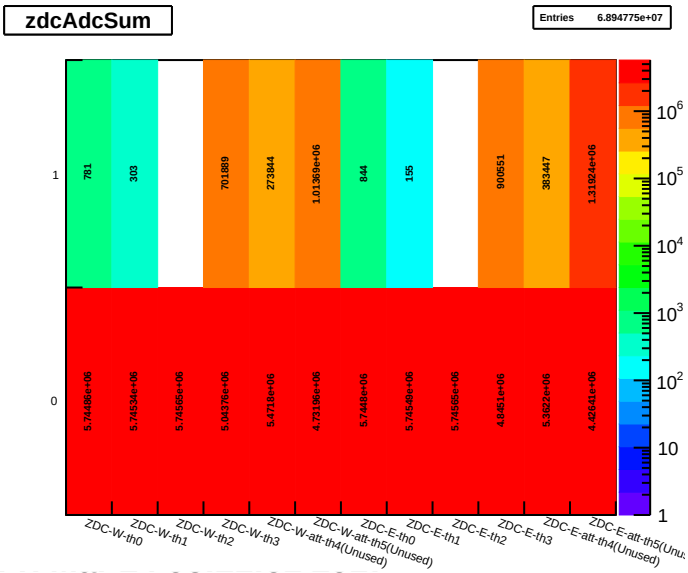

vpdWestTacSumVsSimu
Entries 4491772
Data
Simu

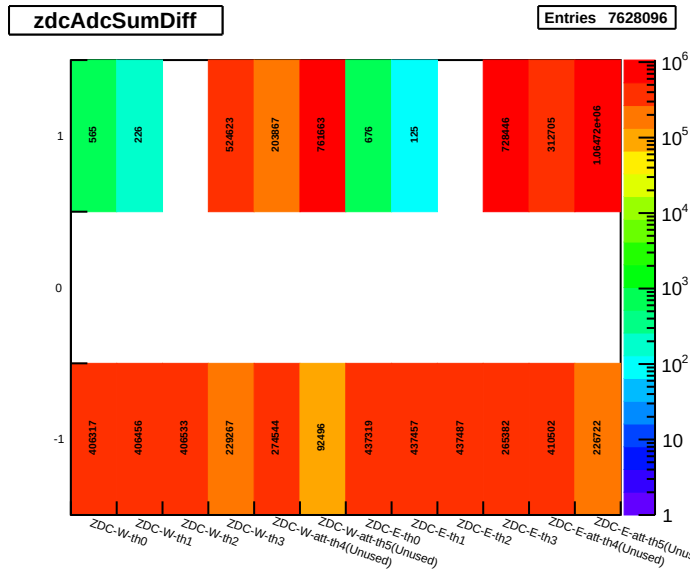

zdcEastTac
Entries5745646

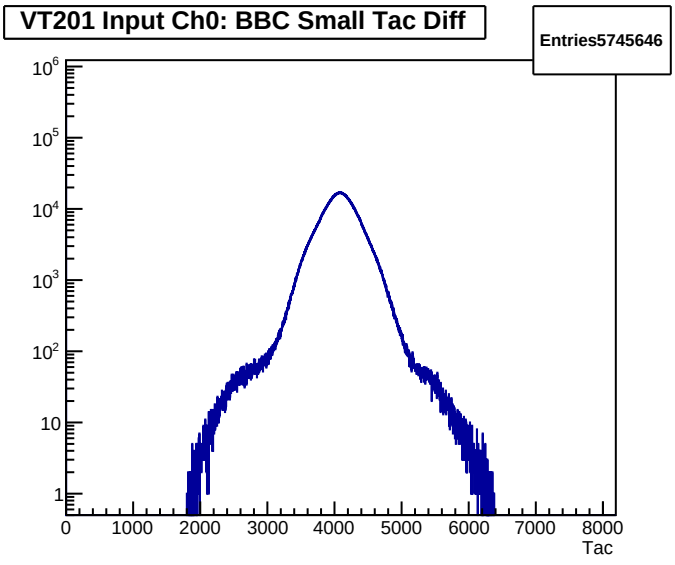

zdcEastTacVsSimu
Entries 1115638
Data
Simu

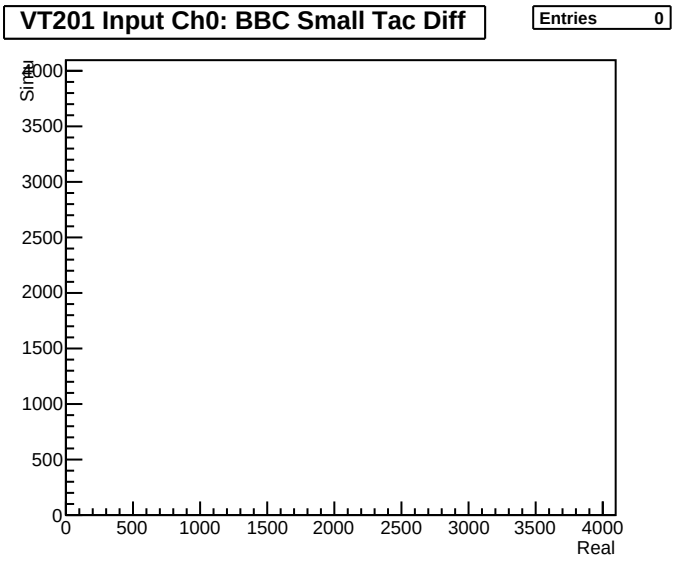

zdcWestTac
Entries5745646

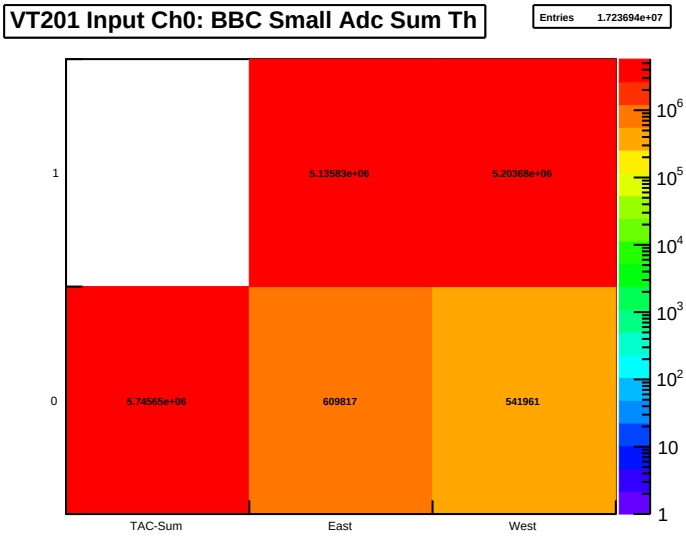

zdcWestTacVsSimu
Entries 811735
Data
Simu

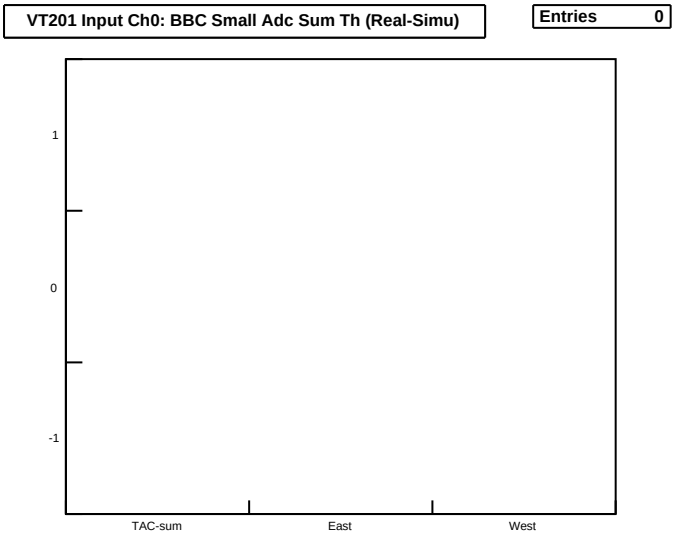

zdcAdcSum
Entries 6.894775e+07
781
303
701889
273844
1.01369e+06
844
155
900551
383447
1.31924e+06
5.74486e+06
5.74534e+06
5.74565e+06
5.04376e+06
5.4718e+06
4.73196e+06
5.7448e+06
5.74548e+06
5.74565e+06
4.8451e+06
5.3622e+06
4.42641e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

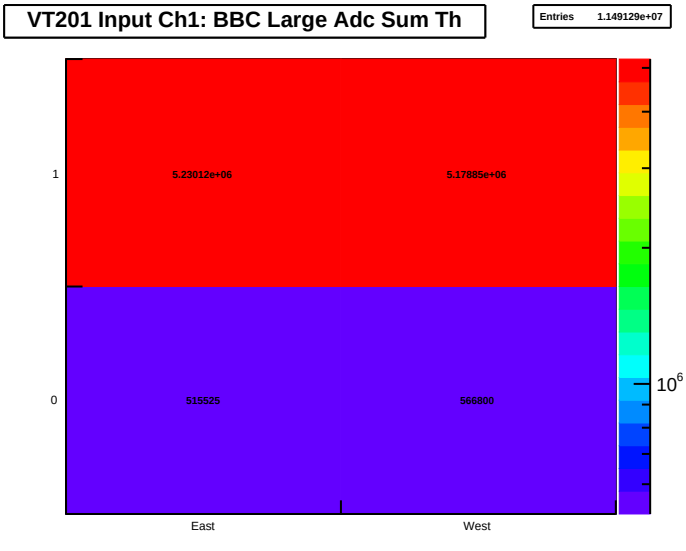

zdcAdcSumDiff
Entries 7628096
565
226
524623
203867
761563
676
125
728446
312705
1.06472e+06
406317
406456
406533
229267
274544
92496
437319
437457
437487
265382
410502
226722
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

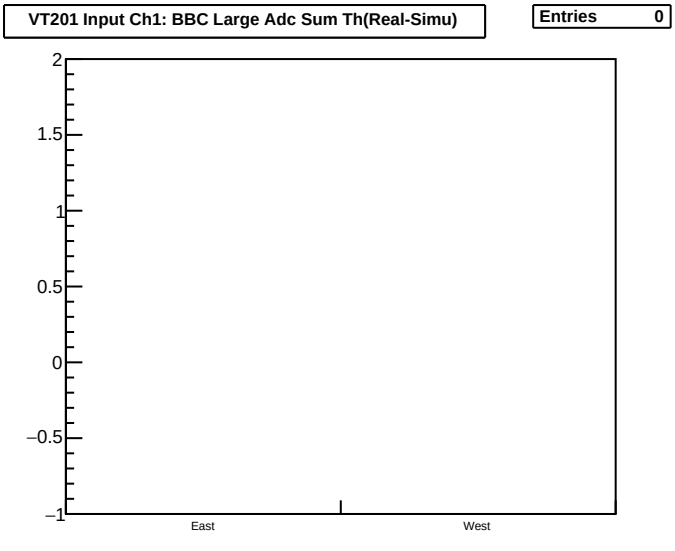

VT201 Input Ch0: BBC Small Tac Diff
Entries5745646
Tac


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

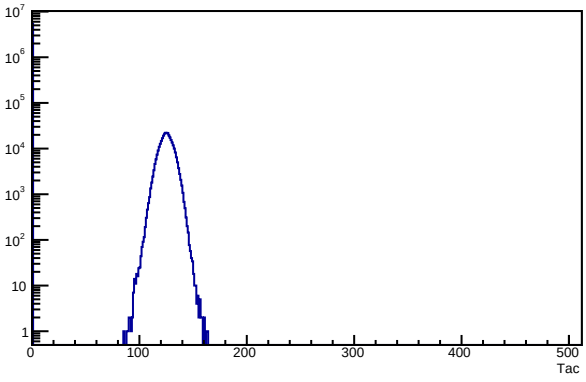

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.723694e+07
5.13583e+06
5.20368e+06
5.74565e+06
609817
541961
TAC-Sum
East
West


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

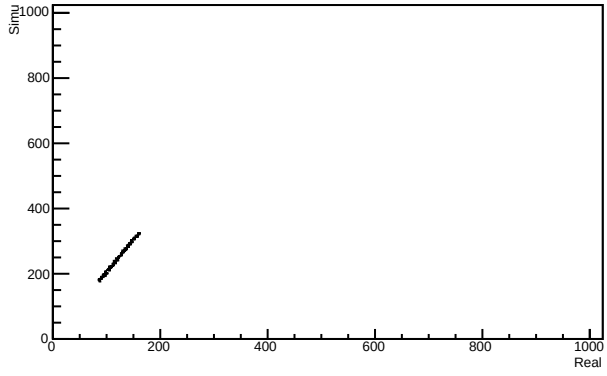

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.149129e+07
5.23012e+06
5.17885e+06
515525
566800
East
West


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

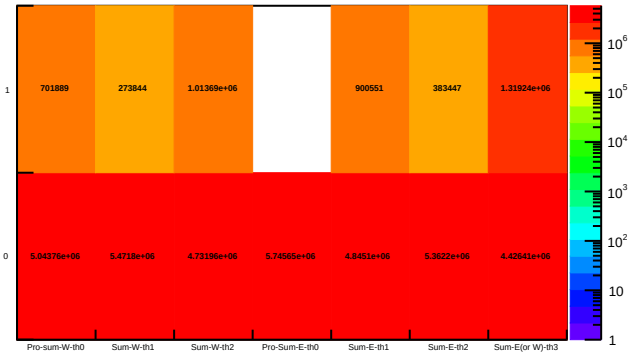
VT201 Input Ch2: ZDC Tac Diff



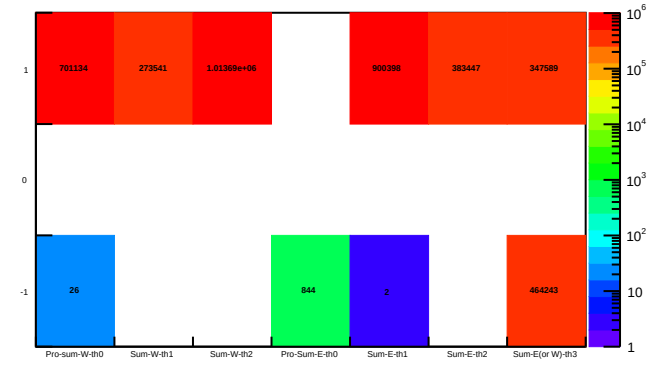
VT201 Input Ch2: ZDC Tac Diff



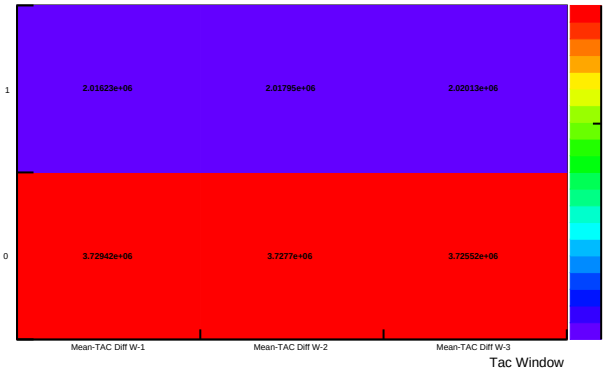
VT201 Input Ch2: ZDC Adc Sum Th



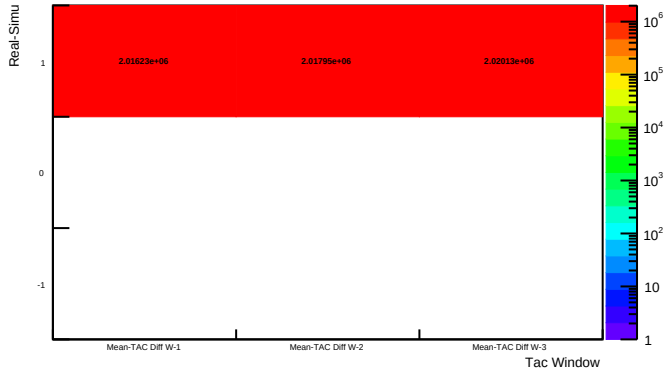
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



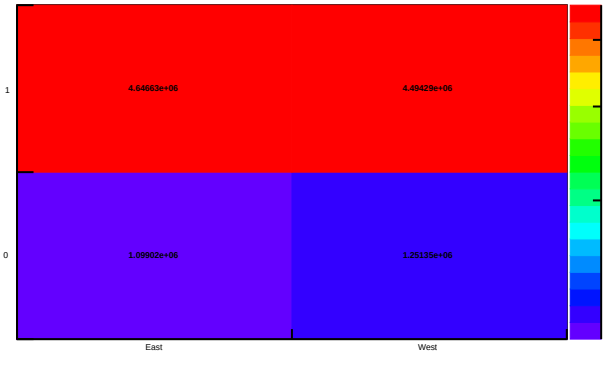
VT201 Input Ch4: VPD Tac Diff



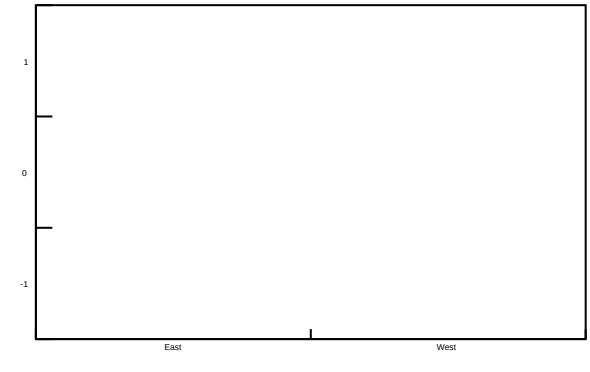
VT201 Input Ch4: VPD Tac Diff

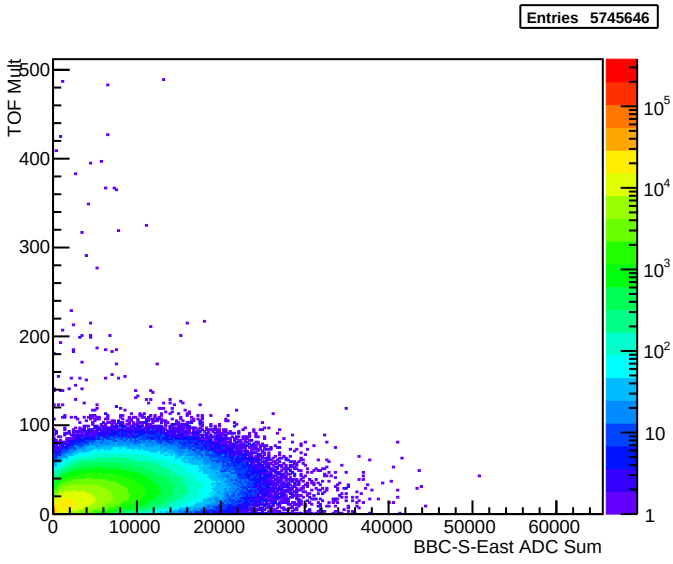


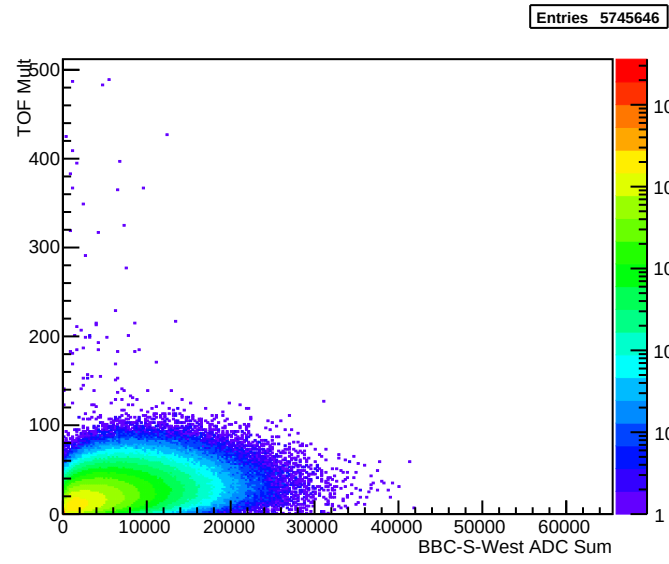
VT201 Input Ch4: VPD Adc Sum Th

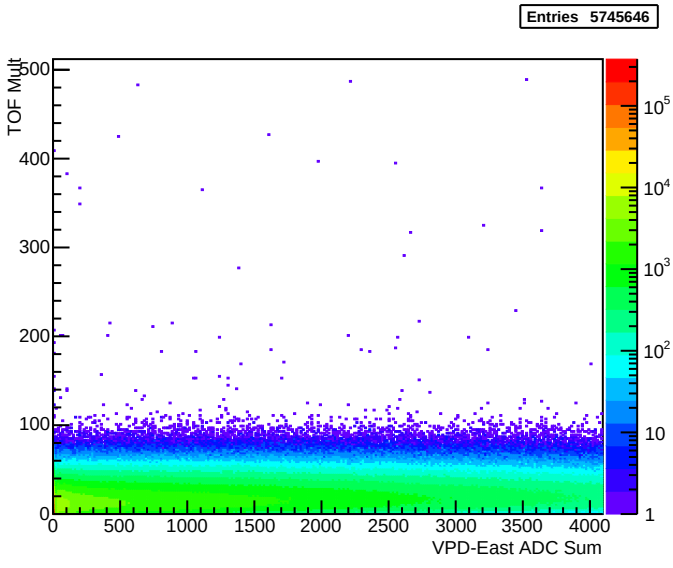


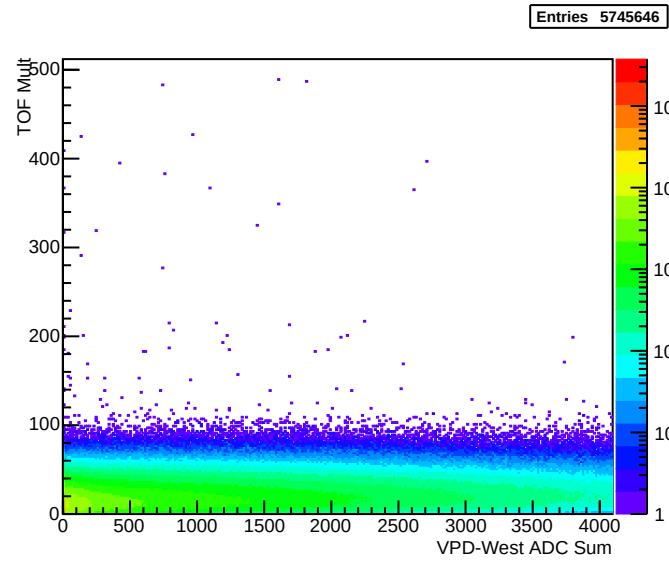
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

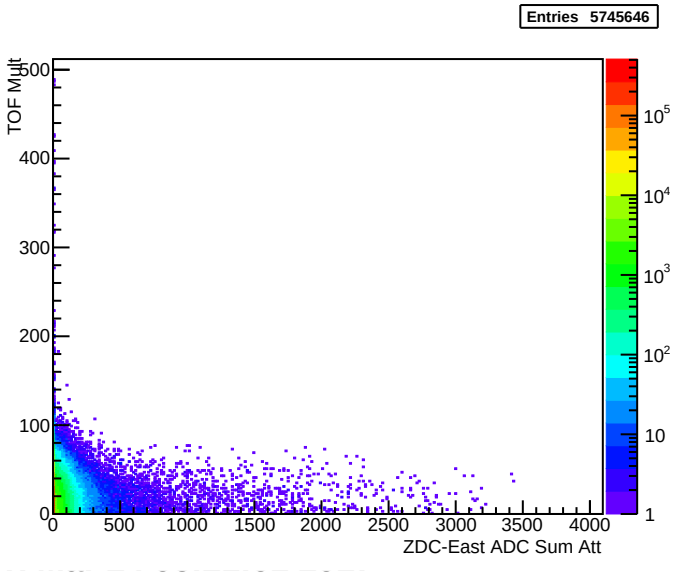


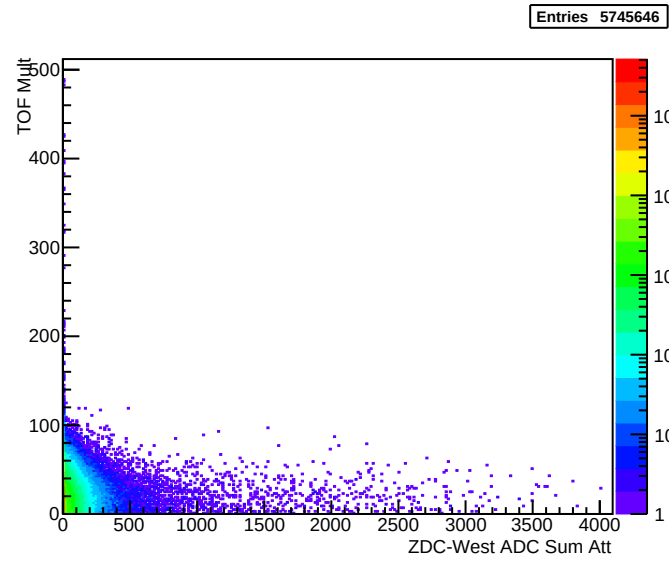

Entries 5745646
TOF Mult
BBC-S-East ADC Sum

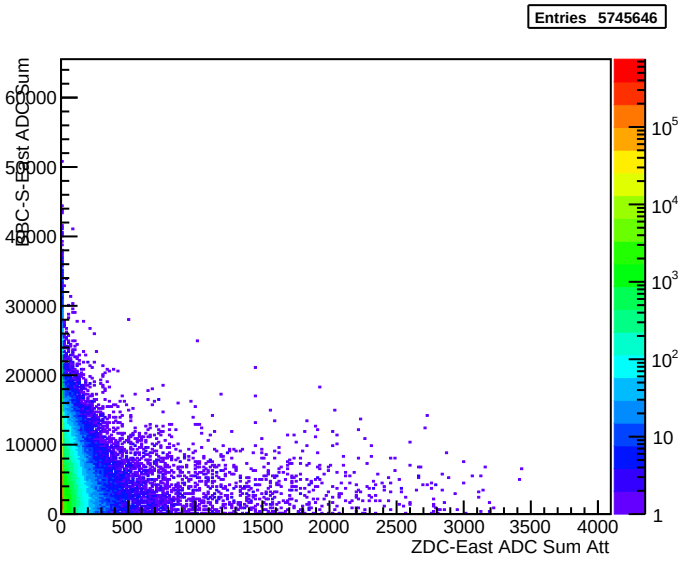

Entries 5745646
TOF Mult
BBC-S-West ADC Sum

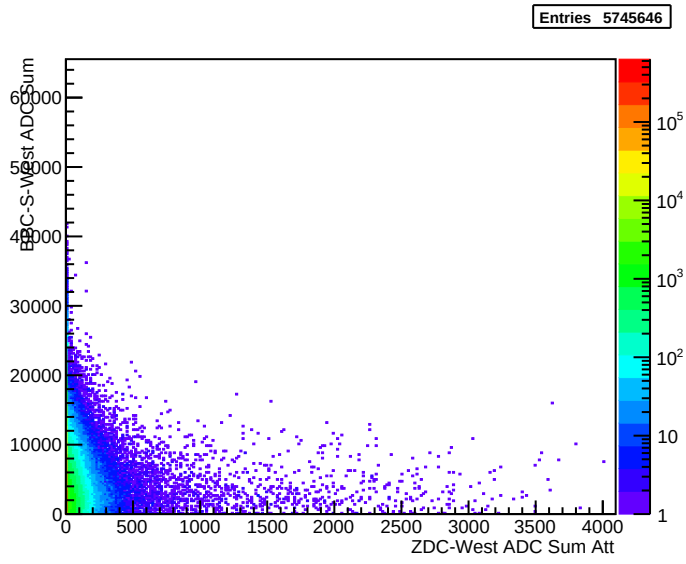

Entries 5745646
TOF Mult
VPD-East ADC Sum

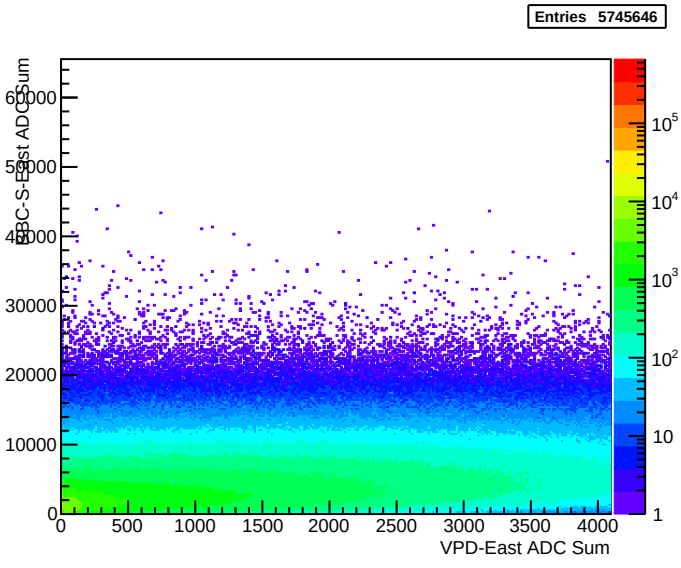

Entries 5745646
TOF Mult
VPD-West ADC Sum

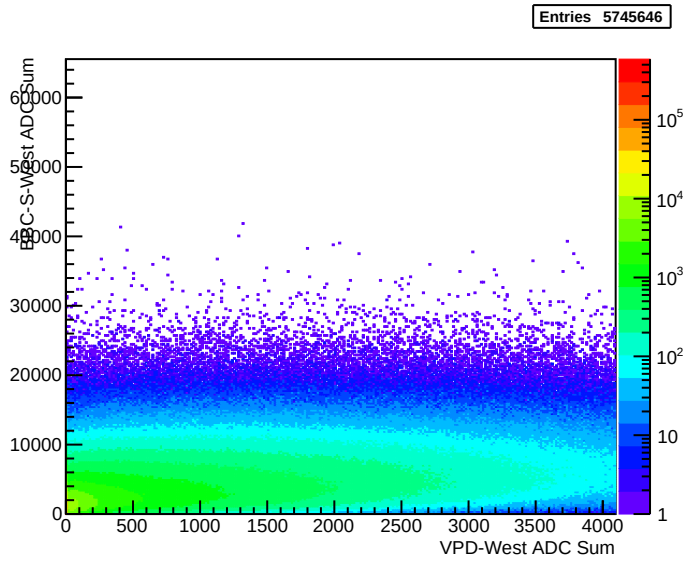

Entries 5745646
TOF Mult
ZDC-East ADC Sum Att

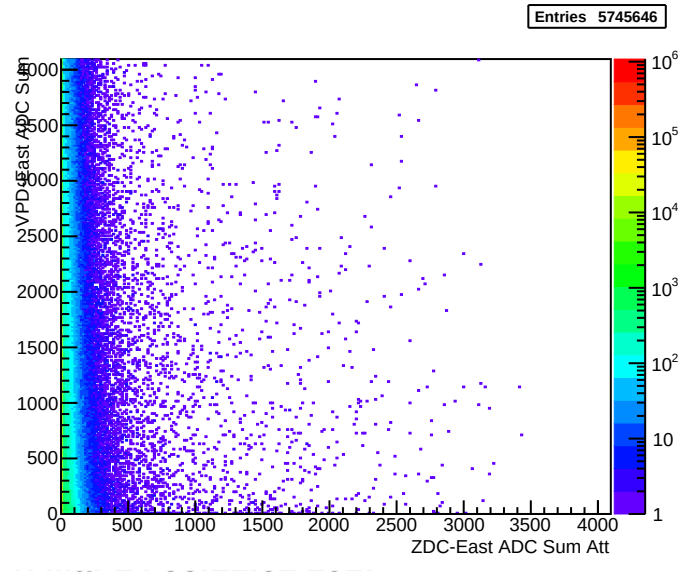

Entries 5745646
TOF Mult
ZDC-West ADC Sum Att

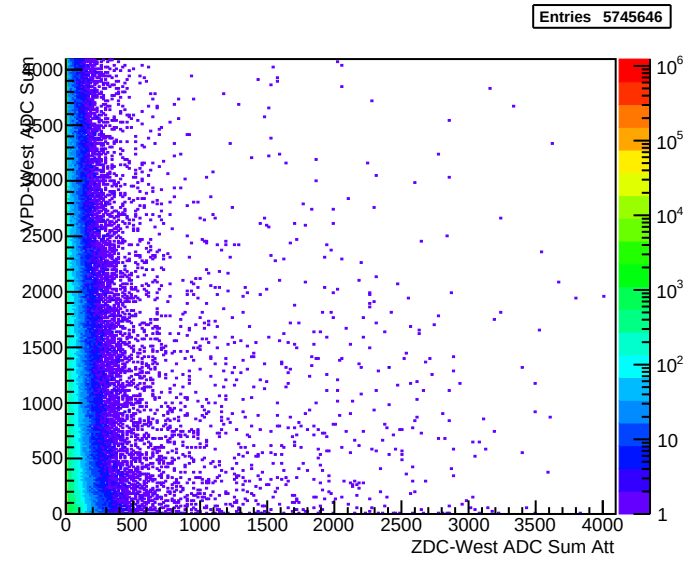

Entries 5745646
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

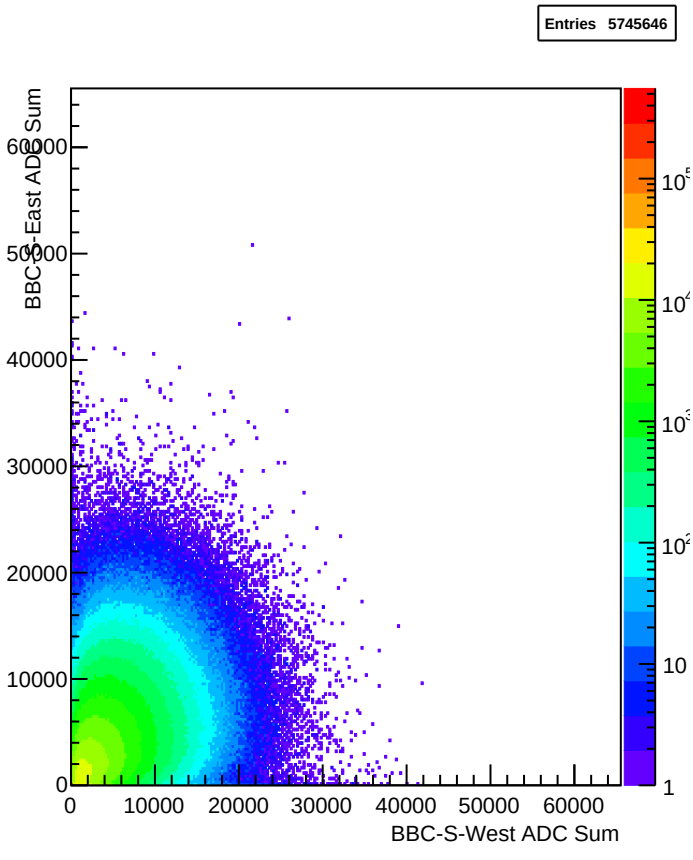

Entries 5745646
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

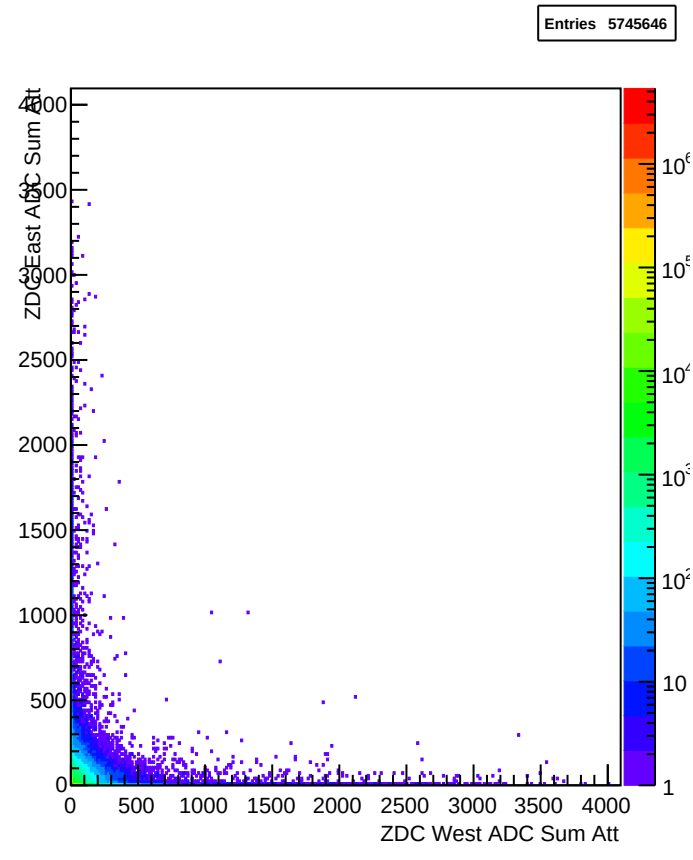

Entries 5745646
BBC-S-East ADC Sum
VPD-East ADC Sum

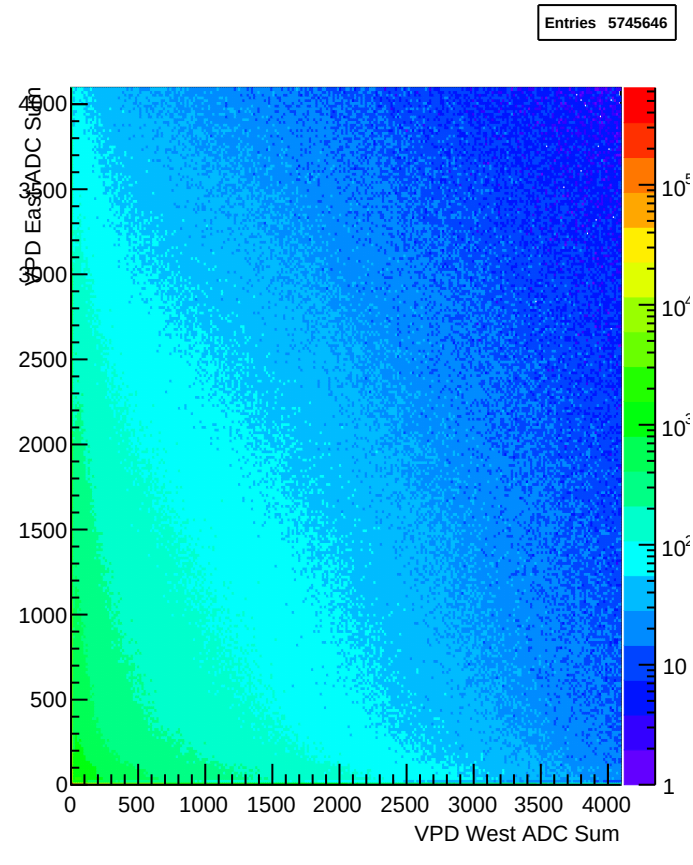

Entries 5745646
BBC-S-West ADC Sum
VPD-West ADC Sum

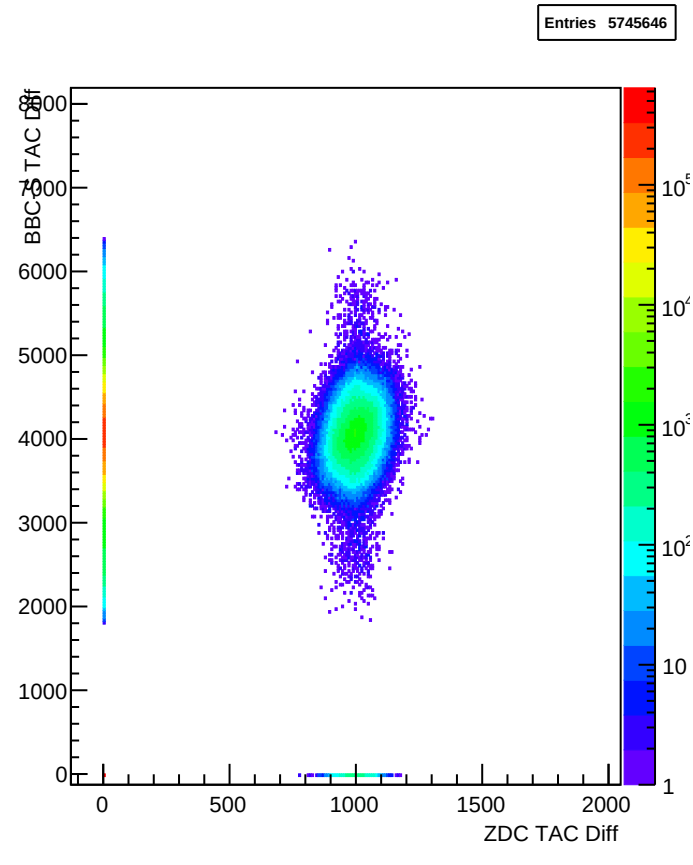

Entries 5745646
VPD-East ADC Sum
ZDC-East ADC Sum Att

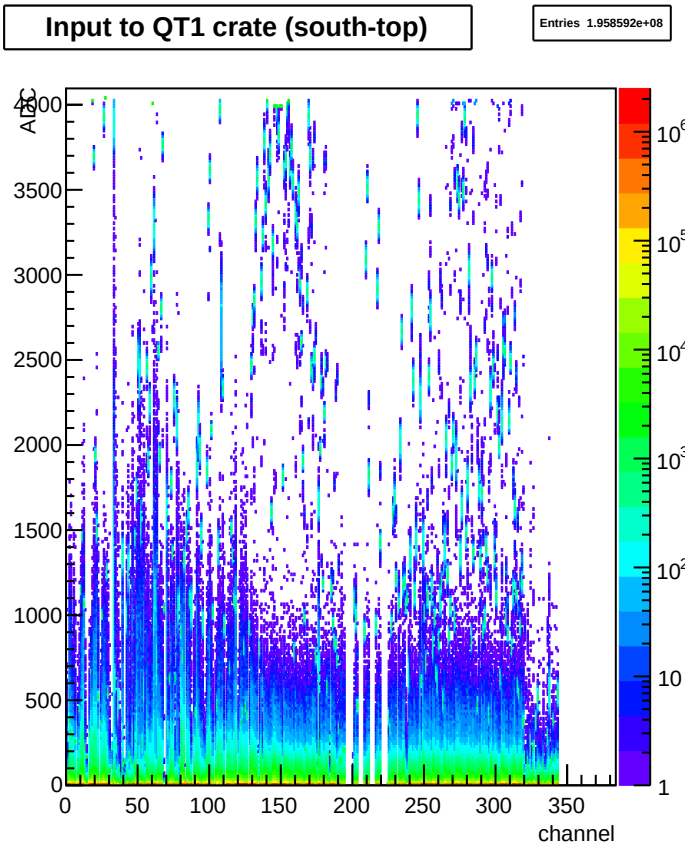

Entries 5745646
VPD-West ADC Sum
ZDC-West ADC Sum Att

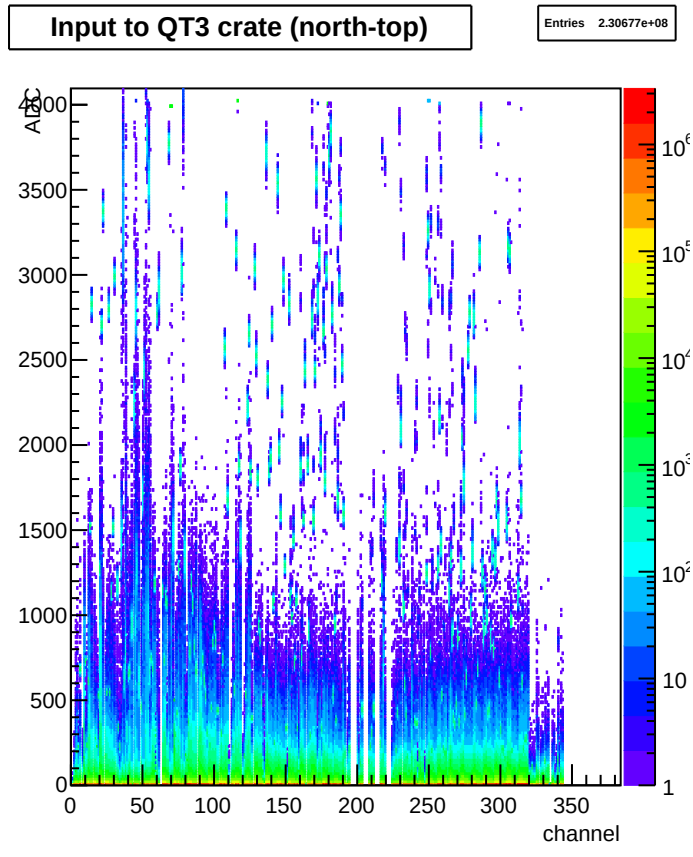

Entries 5745646
BBC-S-East ADC Sum
BBC-S-West ADC Sum

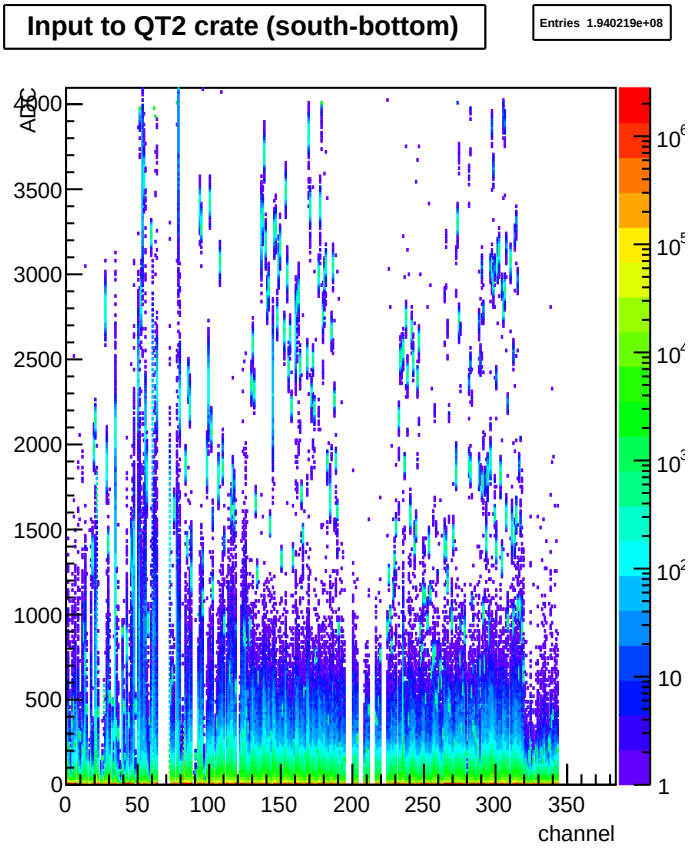

Entries 5745646
ZDC East ADC Sum Att
ZDC West ADC Sum Att

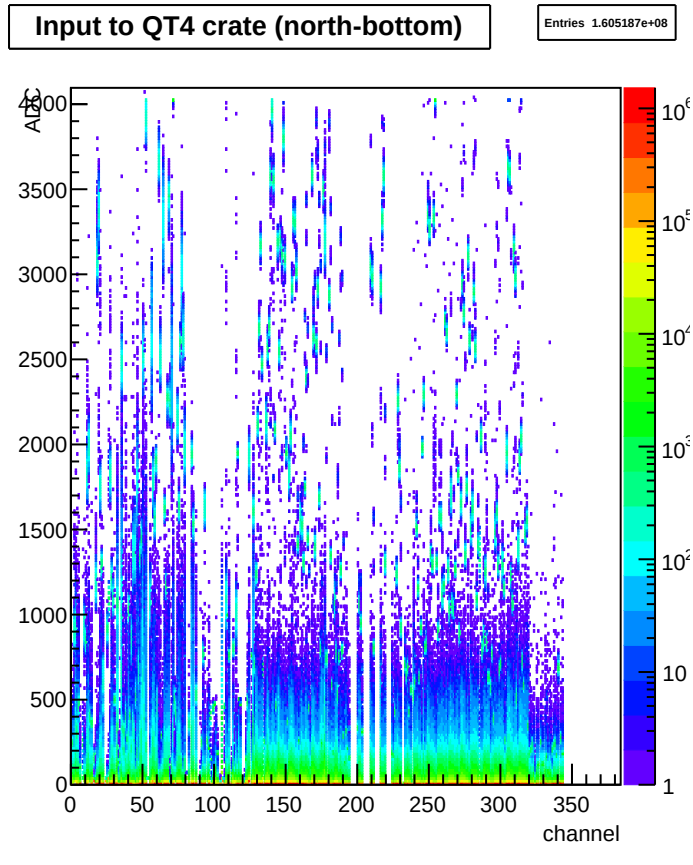

Entries 5745646
VPD East ADC Sum
VPD West ADC Sum

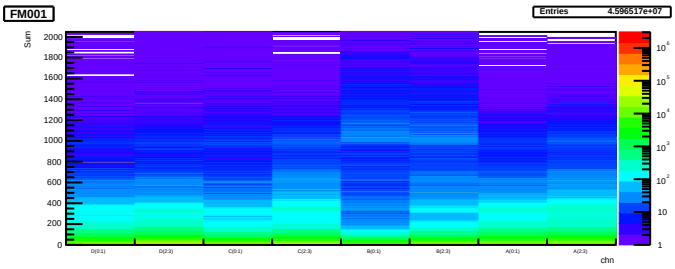

Entries 5745646
BBC-S TAC Diff
ZDC TAC Diff

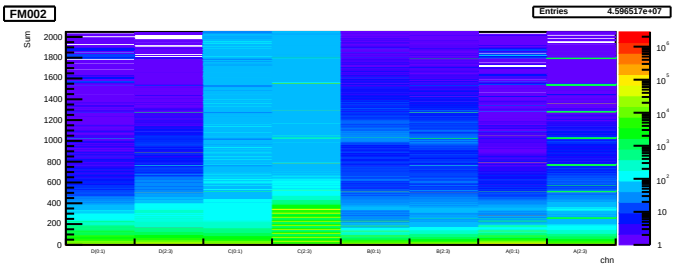

Input to QT1 crate (south-top)
Entries 1.958592e+08
ADC
channel

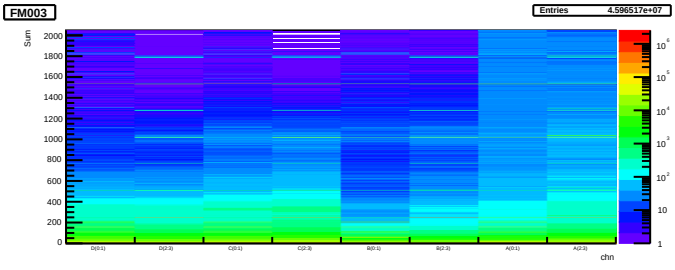

Input to QT3 crate (north-top)
Entries 2.30677e+08
ADC
channel

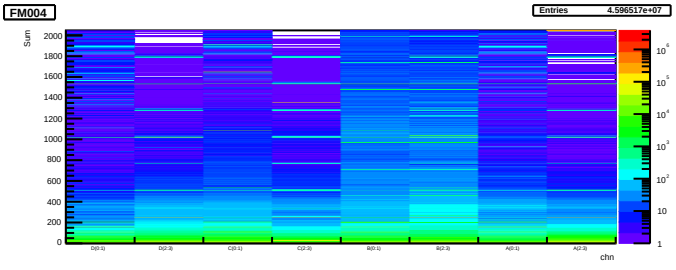

Input to QT2 crate (south-bottom)
Entries 1.940219e+08
ADC
channel

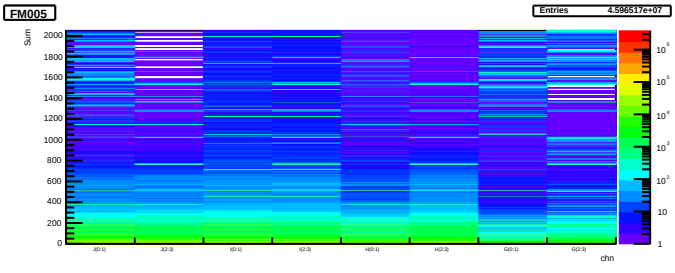

Input to QT4 crate (north-bottom)
Entries 1.605187e+08
ADC
channel

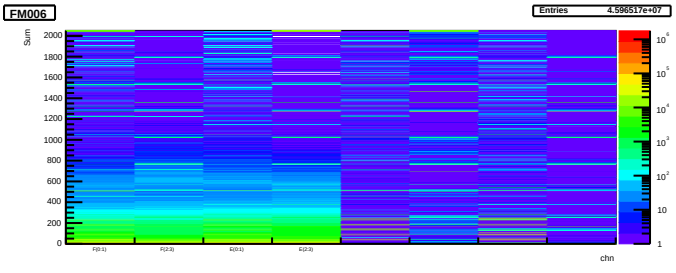

FM001
Entries 4.596517e+07
Sum
chn

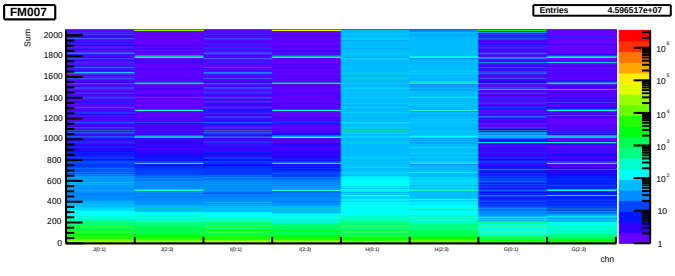

FM002
Entries 4.596517e+07
Sum
chn

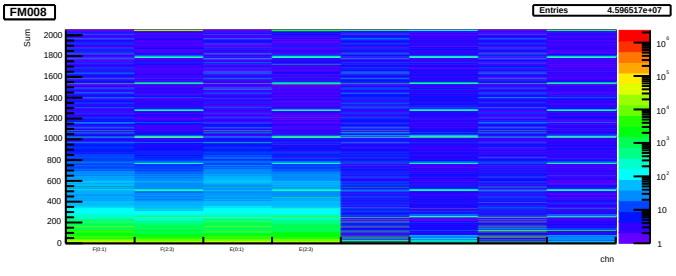

FM003
Entries 4.596517e+07
Sum
chn


FM004
Entries 4.596517e+07
Sum
chn


FM005
Entries 4.596517e+07
Sum
chn


FM006
Entries 4.596517e+07
Sum
chn


FM007
Entries 4.596517e+07
Sum
chn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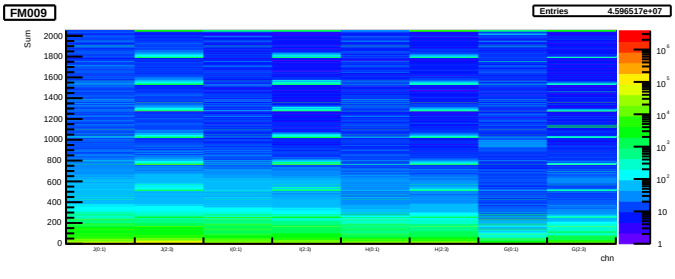
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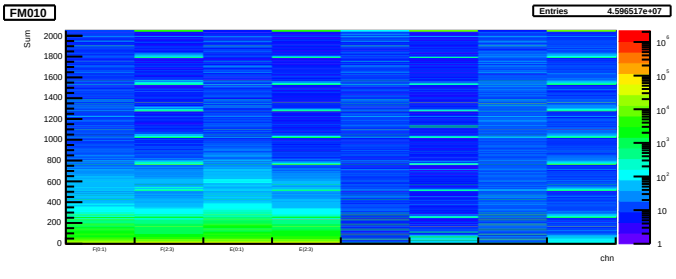
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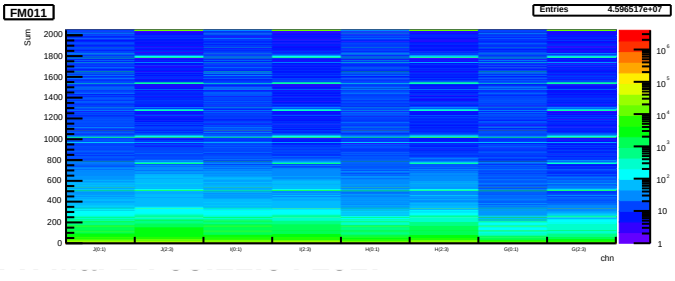
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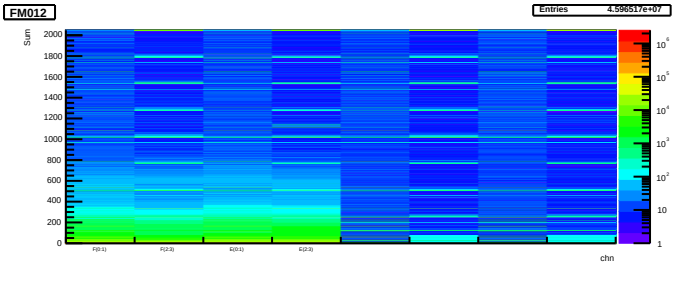
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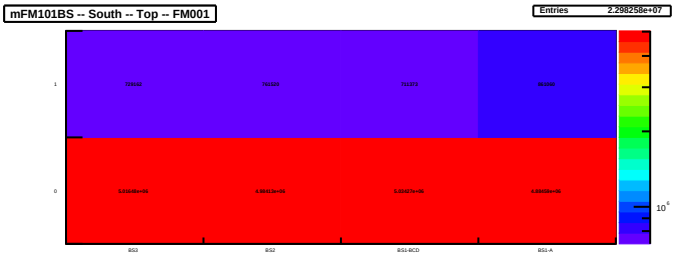
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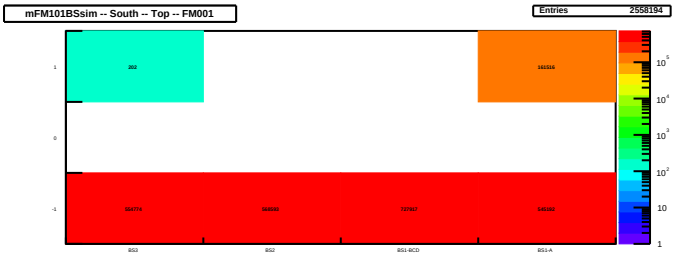
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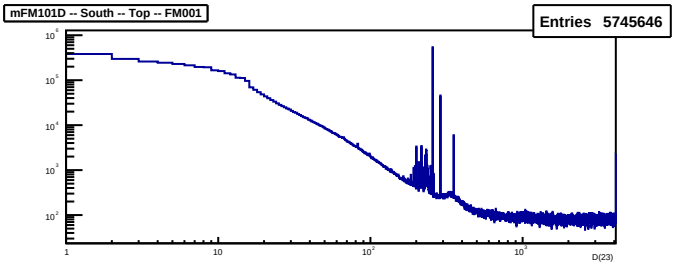
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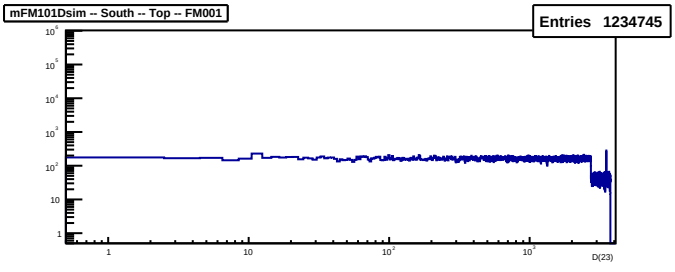
D(23)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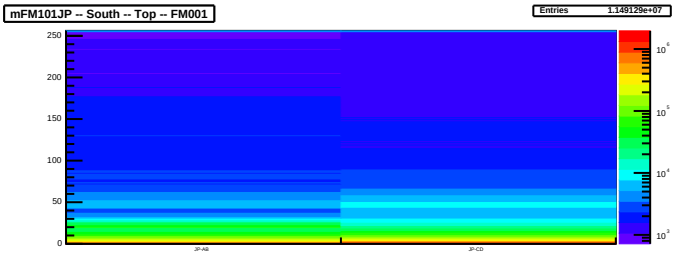
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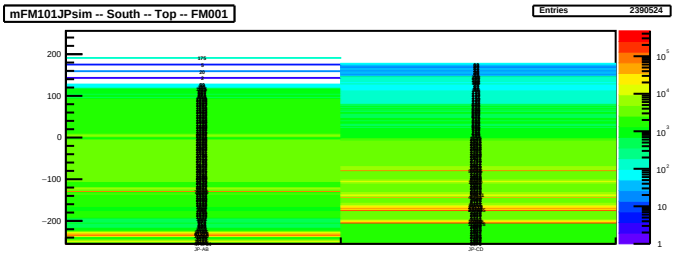
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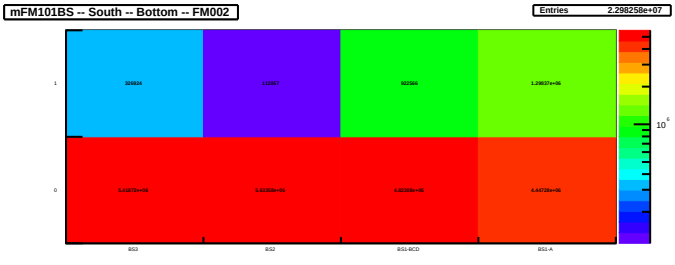
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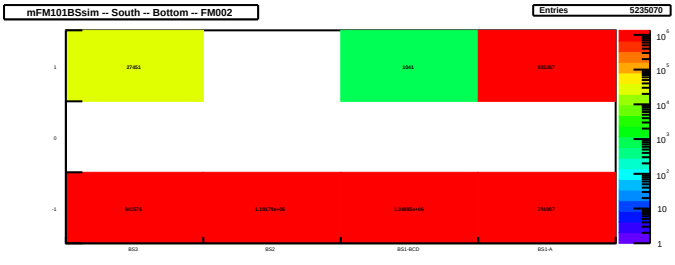
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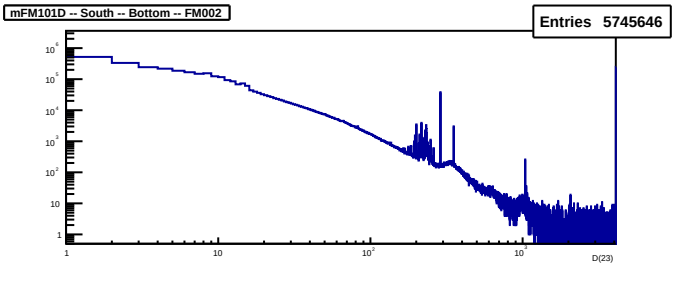
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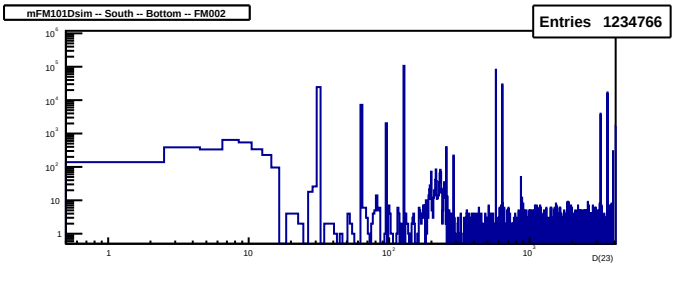
D(23)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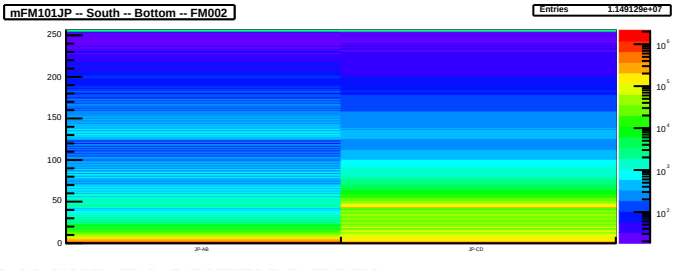
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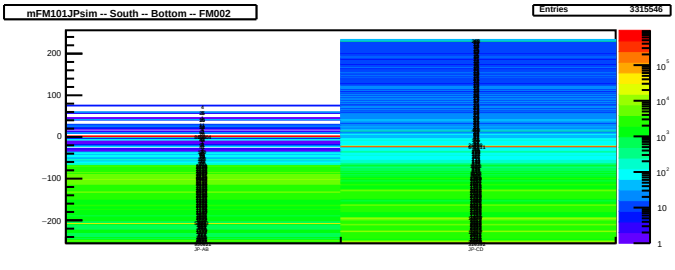
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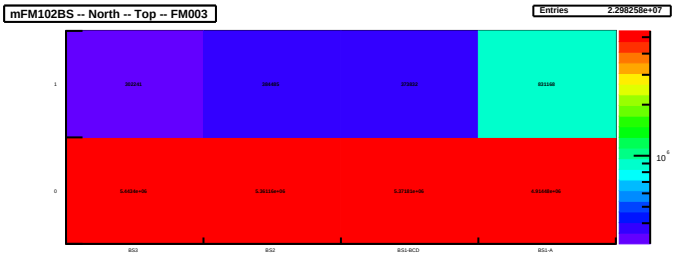
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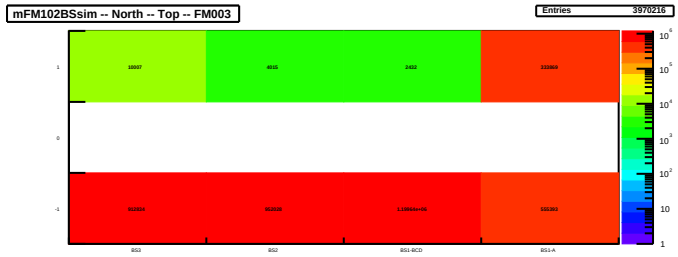
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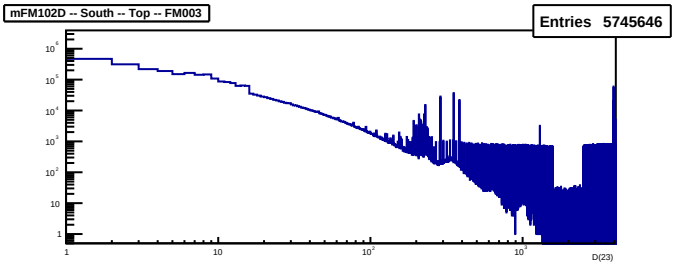
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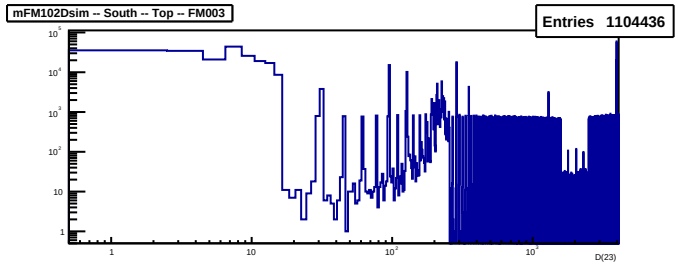
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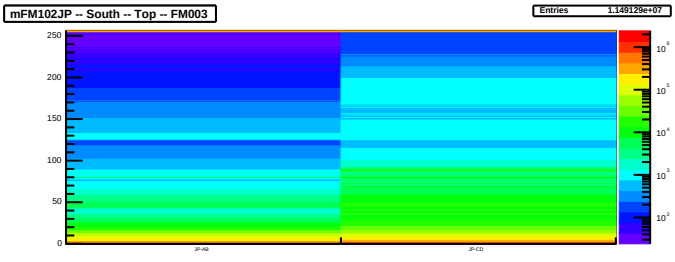
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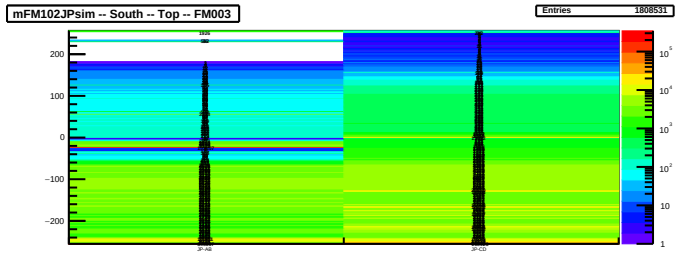
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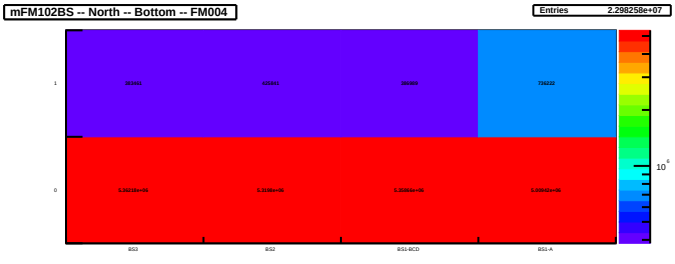
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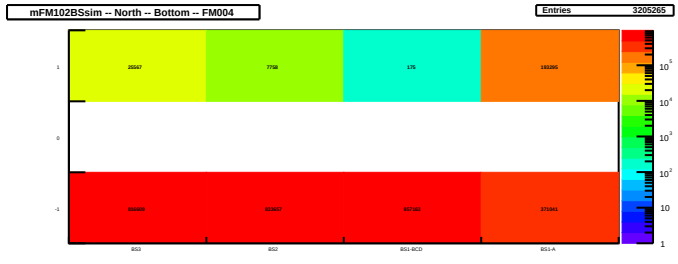
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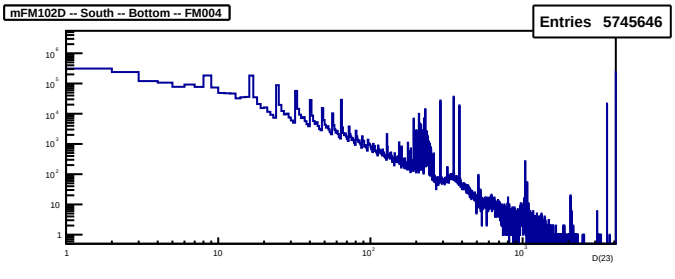
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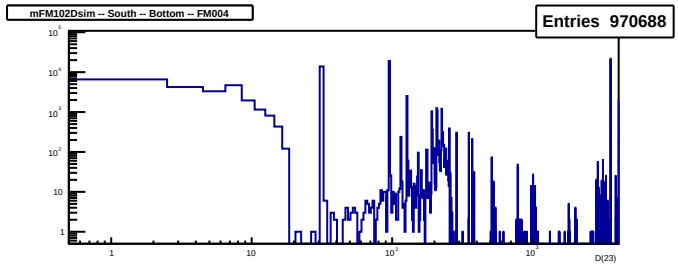
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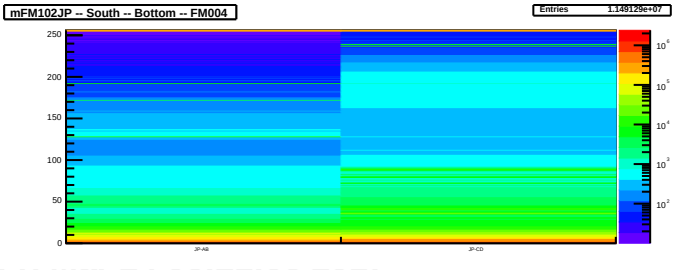
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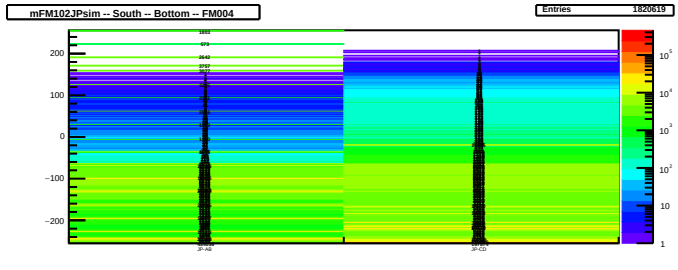
Entries 1.149129e+07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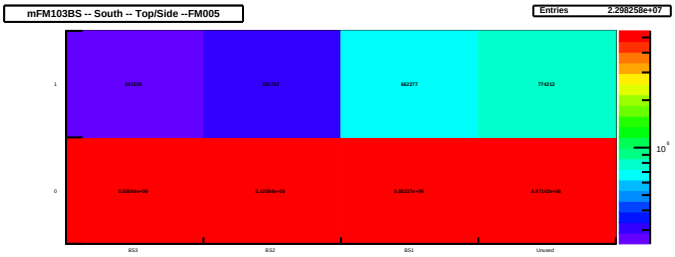
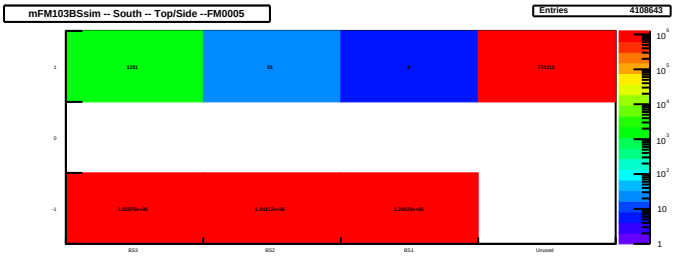

mFM103BS -- South -- Top/Side --FM005
Entries 2.298258e+07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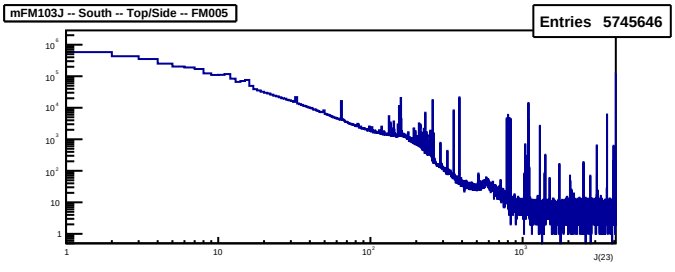
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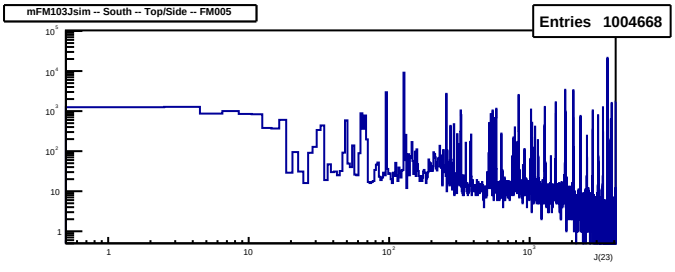
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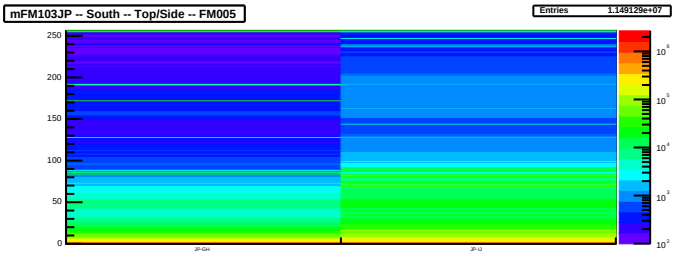
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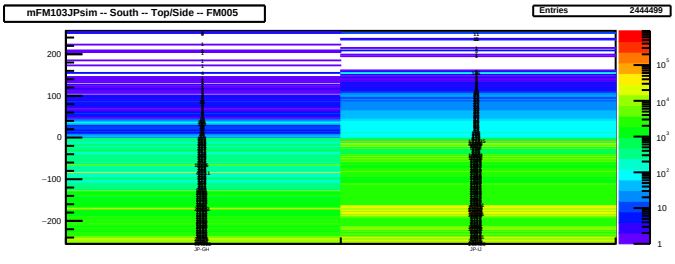
Entries 1.149129e+07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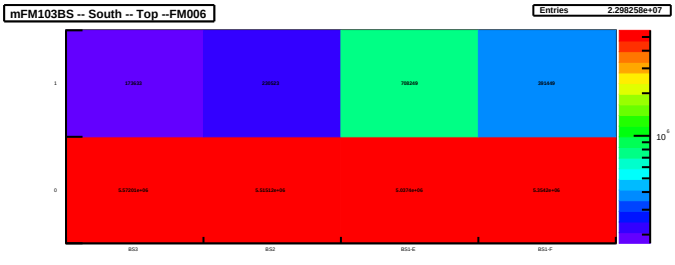
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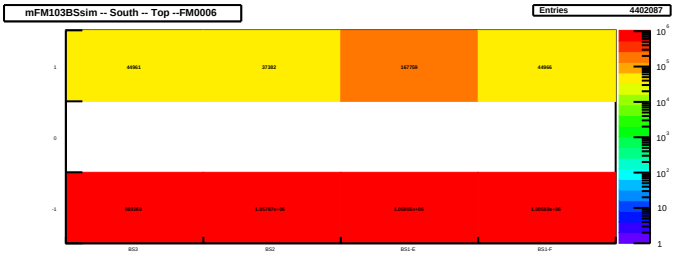
Entries 2.298258e+07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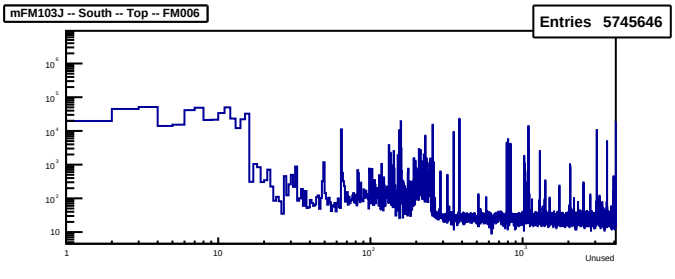
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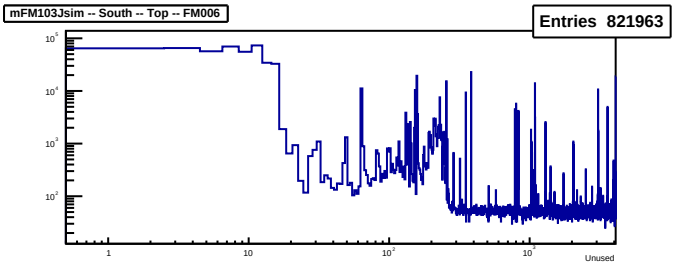
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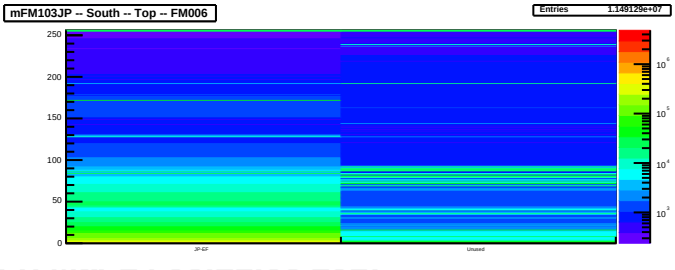
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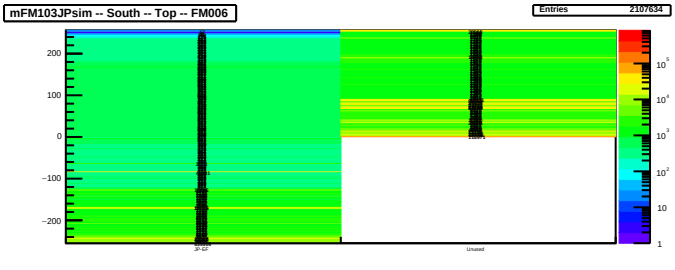
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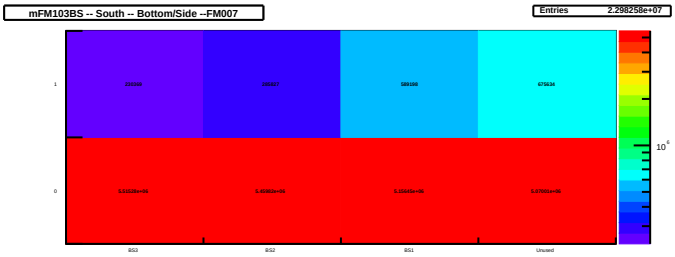
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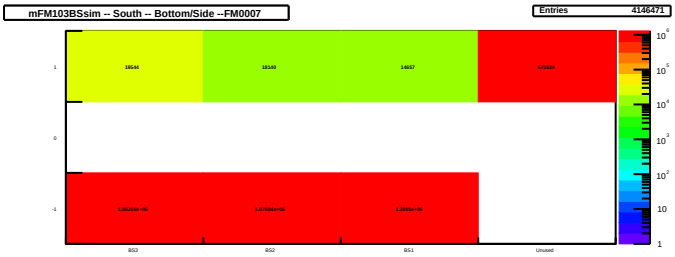
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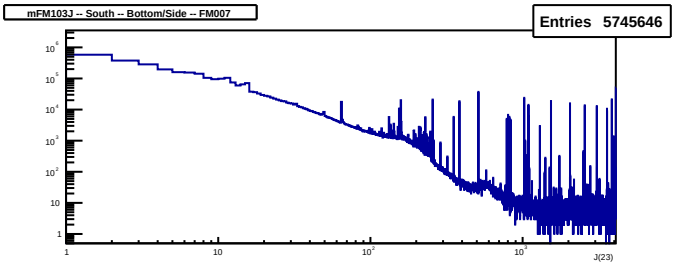
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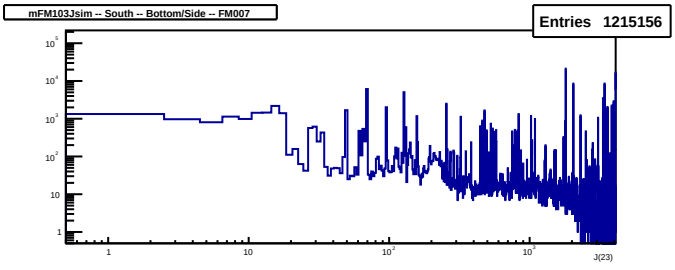
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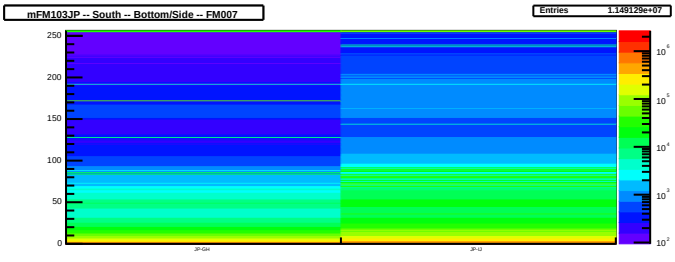
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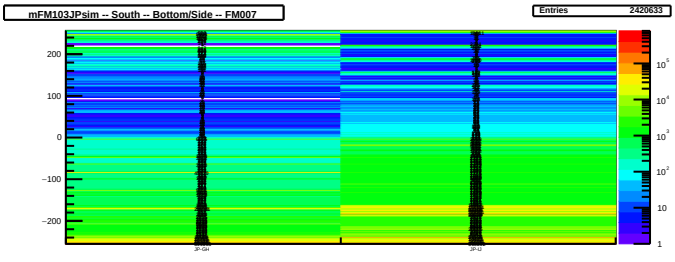
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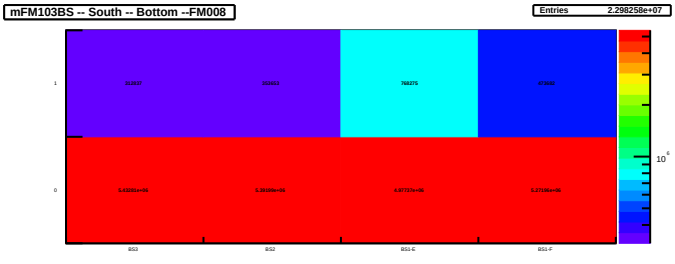
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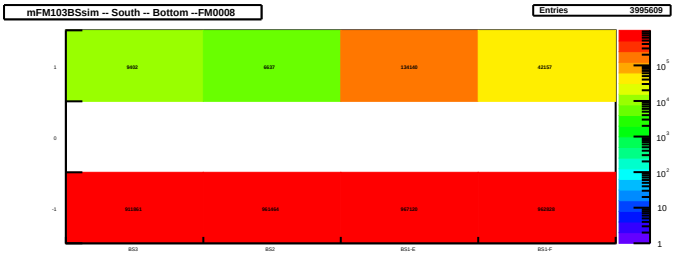
Entries 2.298258e+07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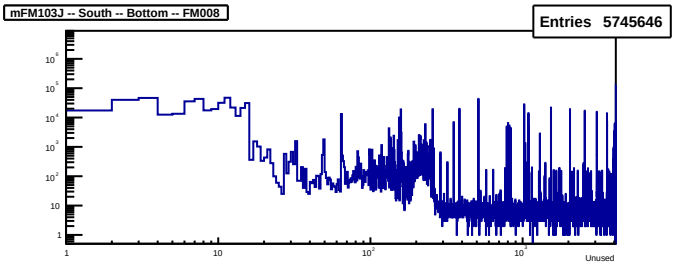
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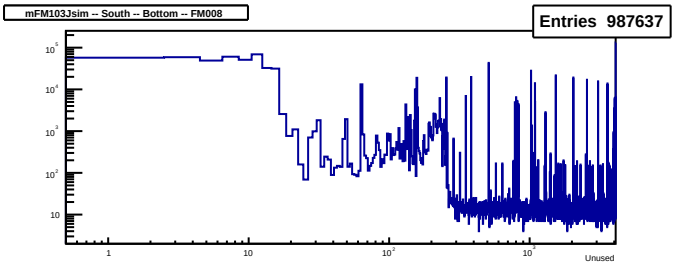
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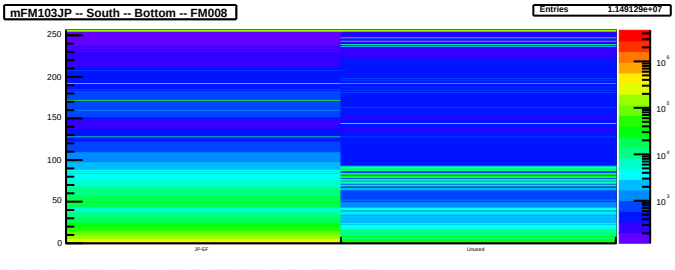
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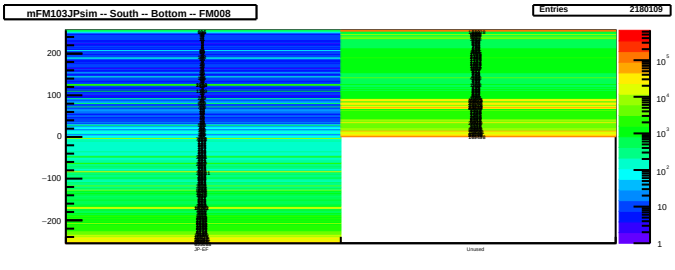
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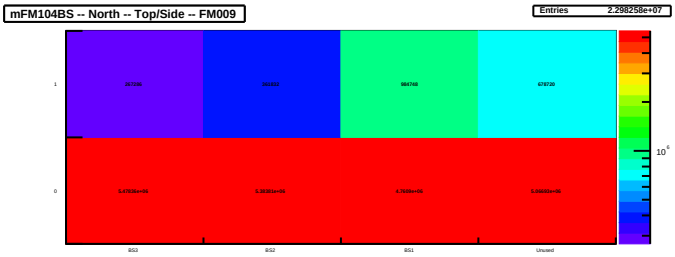
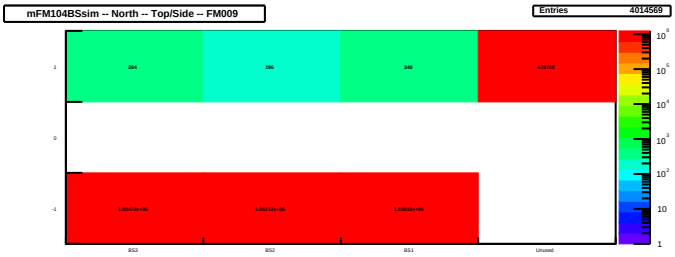
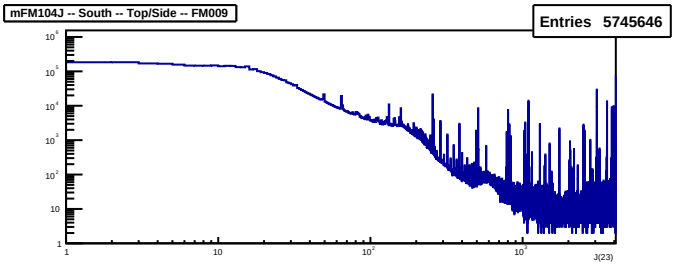
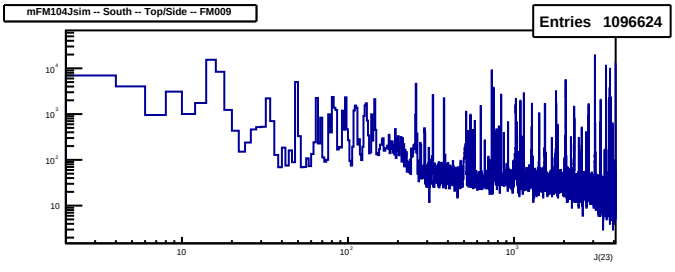

mFM104BS -- North -- Top/Side -- FM009
Entries 2.298258e+07


mFM104BSsim -- North -- Top/Side -- FM009
Entries 4014569


mFM104J -- South -- Top/Side -- FM009
Entries 5745646
J(23)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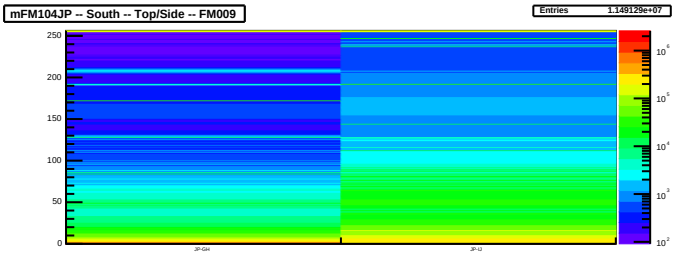
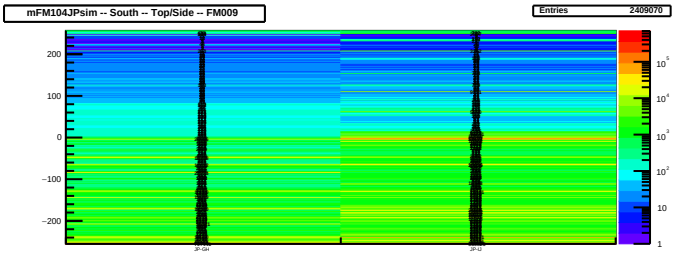
Entries 1096624
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 1.149129e+07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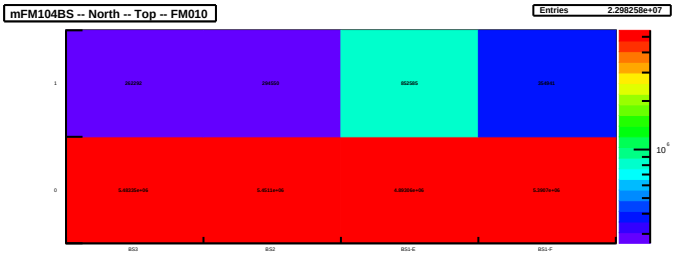
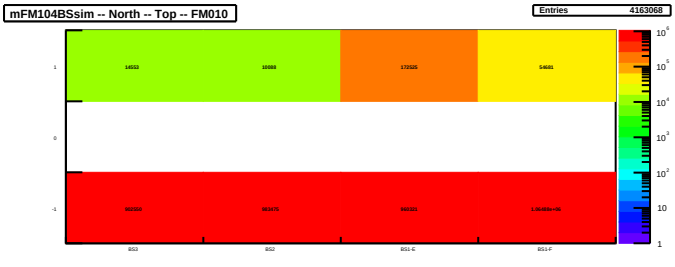
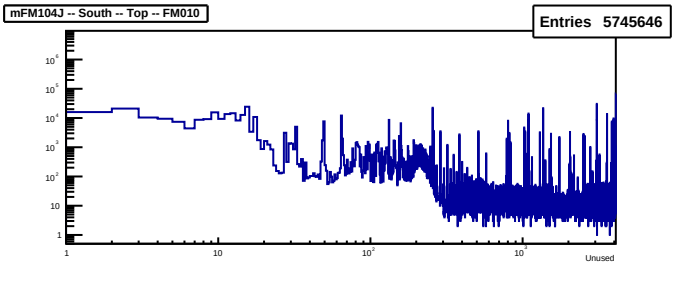
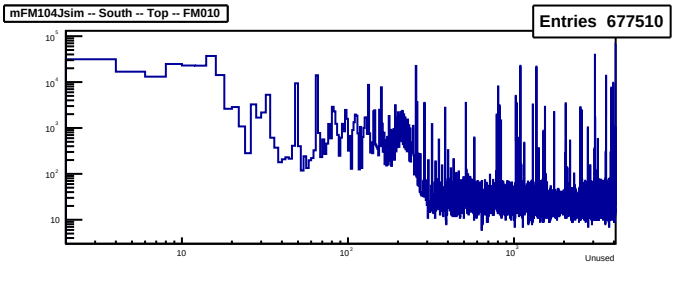
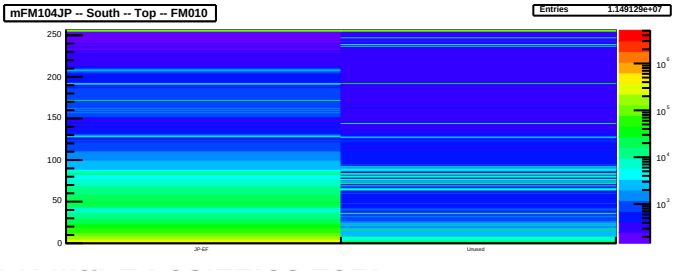
Entries 2409070

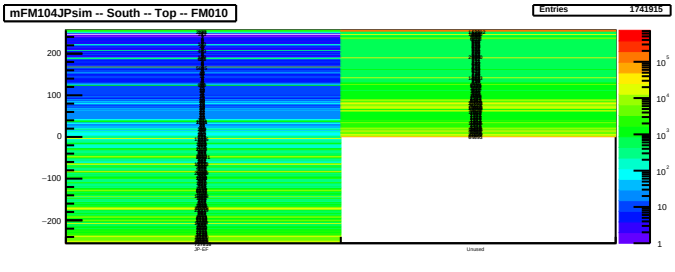

mFM104BS -- North -- Top -- FM010
Entries 2.298258e+07

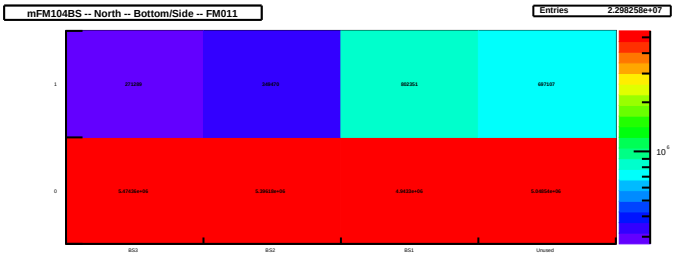

mFM104BSsim -- North -- Top -- FM010
Entries 4163068

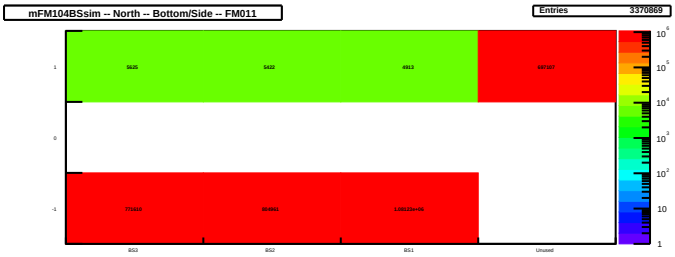

mFM104J -- South -- Top -- FM010
Entries 5745646
Unused

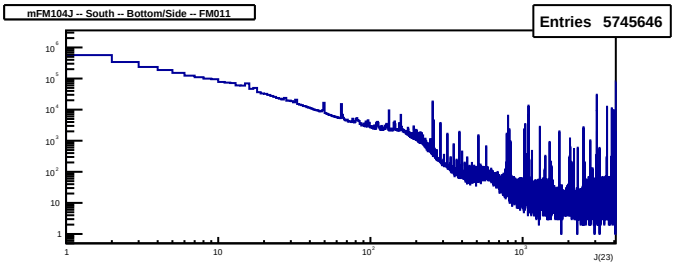

mFM104Jsim -- South -- Top -- FM010
Entries 677510
Unused

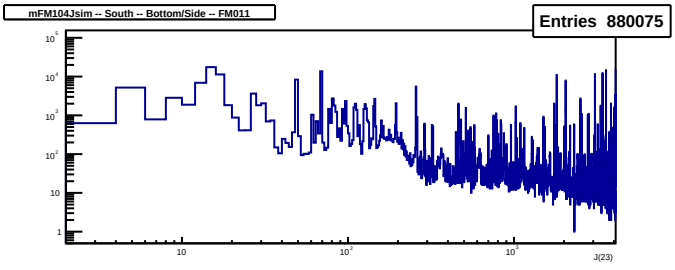

mFM104JP -- South -- Top -- FM010
Entries 1.149129e+07

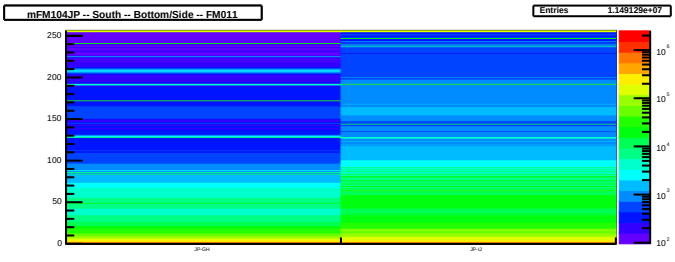

mFM104JPsim -- South -- Top -- FM010
Entries 1741915

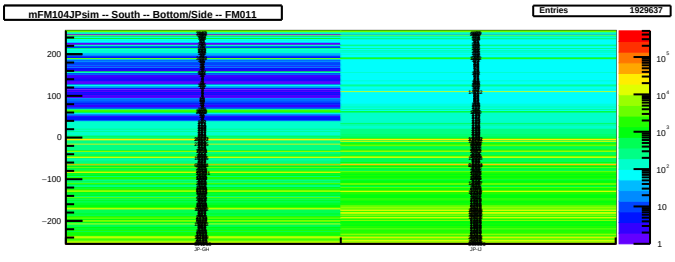

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2.298258e+07

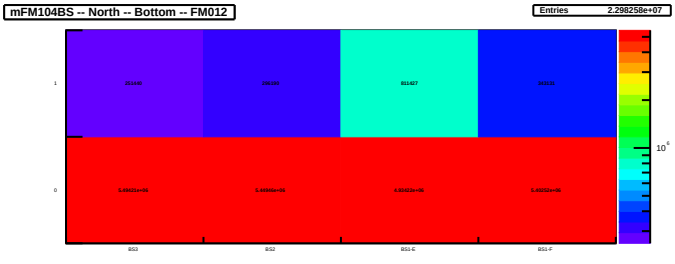

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 3370869

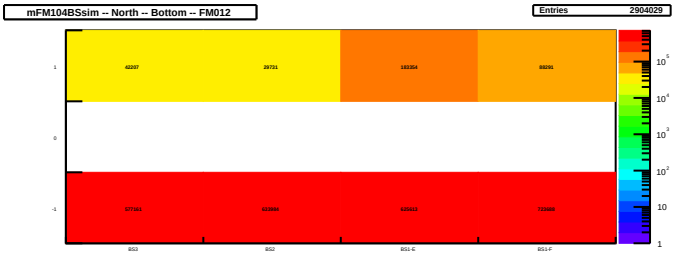

mFM104J -- South -- Bottom/Side -- FM011
Entries 5745646
J(23)

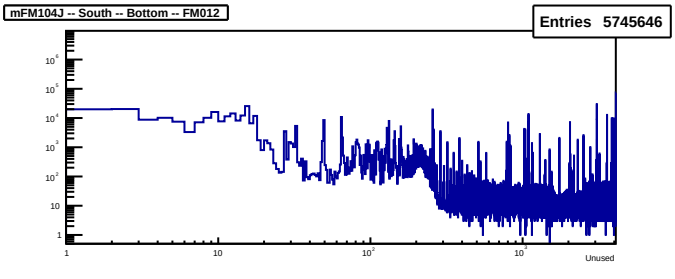

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 880075
J(23)

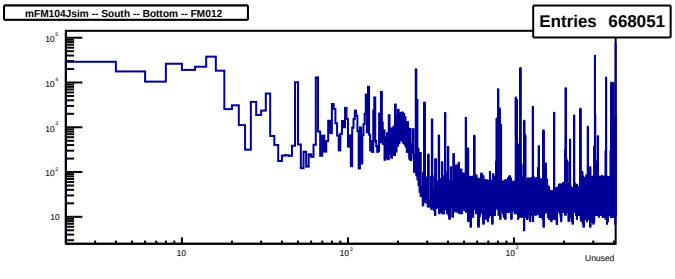

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.149129e+07

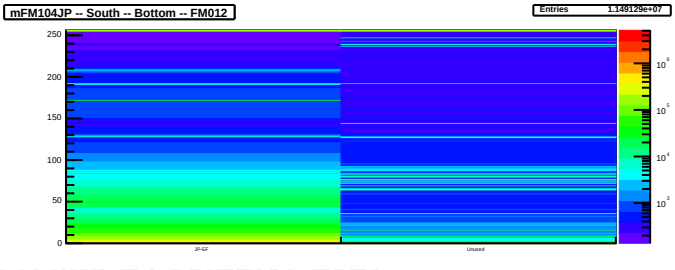

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 1929637

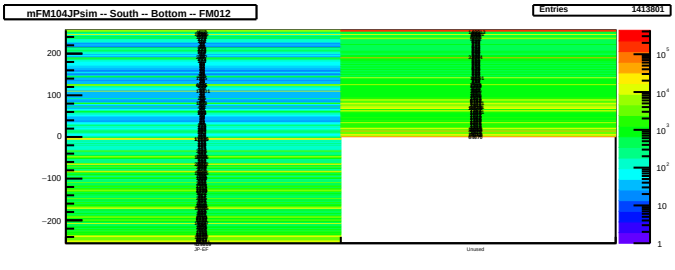

mFM104BS -- North -- Bottom -- FM012
Entries 2.298258e+07

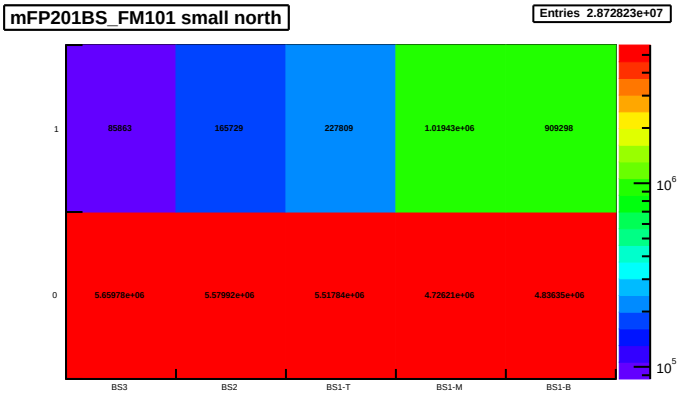

mFM104BSsim -- North -- Bottom -- FM012
Entries 2904029

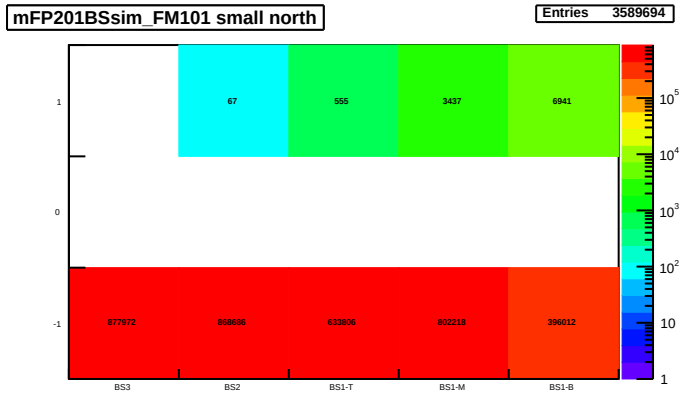

mFM104J -- South -- Bottom -- FM012
Entries 5745646
Unused

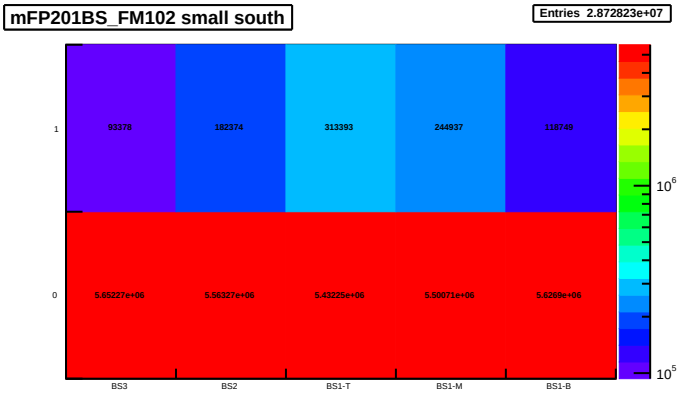

mFM104Jsim -- South -- Bottom -- FM012
Entries 668051
Unused

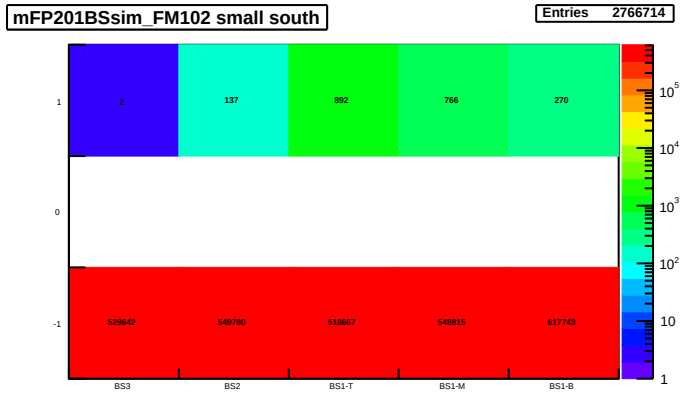

mFM104JP -- South -- Bottom -- FM012
Entries 1.149129e+07

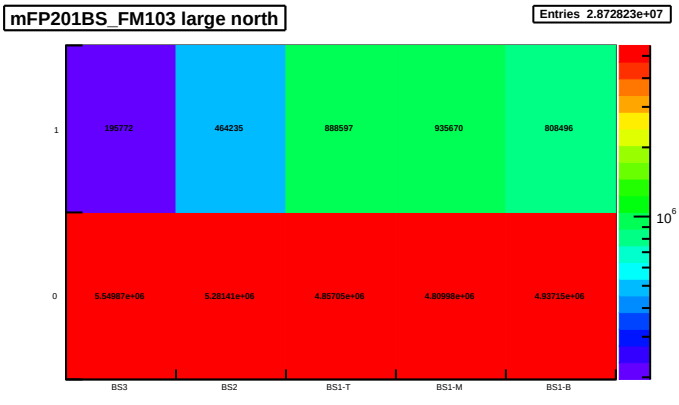

mFM104JPsim -- South -- Bottom -- FM012
Entries 1413801

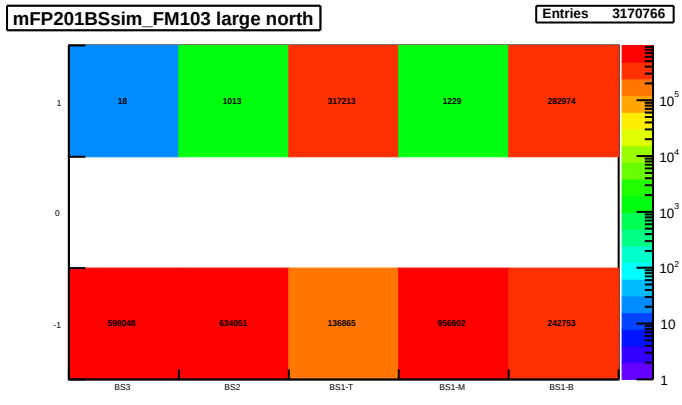

mFP201BS_FM101 small north
Entries 2.872823e+07
85863
165729
227809
1.01943e+06
909298
5.65978e+06
5.57992e+06
5.51784e+06
4.72621e+06
4.83635e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

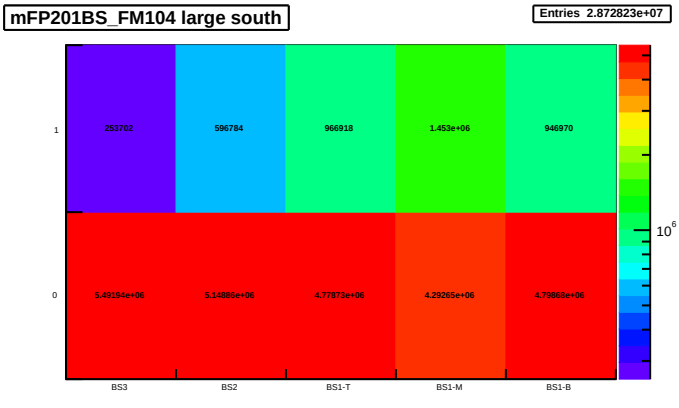

mFP201BSsim_FM101 small north
Entries 3589694
67
555
3437
6941
877972
868686
633806
802218
396012
BS3
BS2
BS1-T
BS1-M
BS1-B

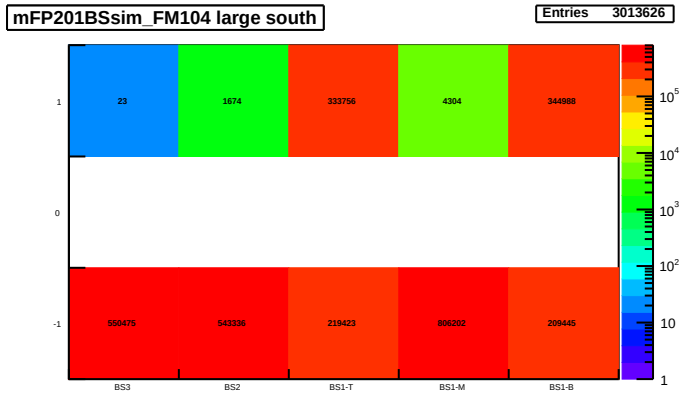

mFP201BS_FM102 small south
Entries 2.872823e+07
93378
182374
313393
244937
118749
5.65227e+06
5.56327e+06
5.43225e+06
5.50071e+06
5.0269e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

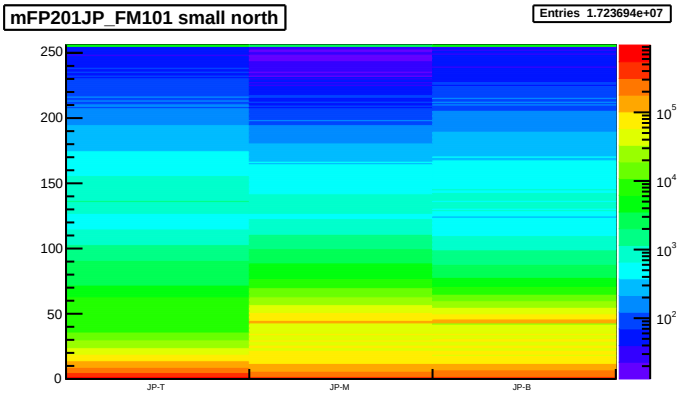

mFP201BSsim_FM102 small south
Entries 2766714
2
137
892
766
270
529642
549780
518667
548815
617743
BS3
BS2
BS1-T
BS1-M
BS1-B

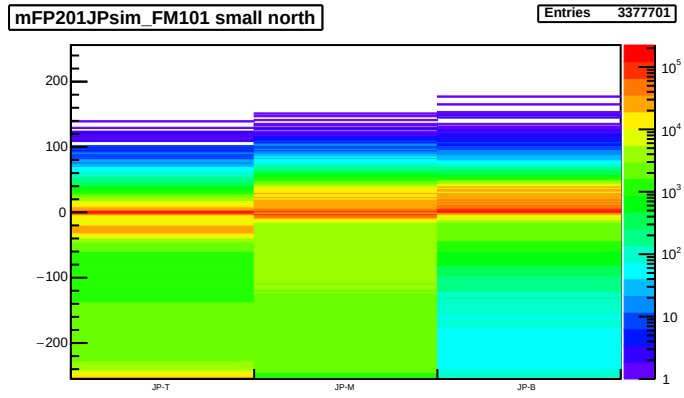

mFP201BS_FM103 large north
Entries 2.872823e+07
195772
464235
888597
935670
808496
5.54987e+06
5.28141e+06
4.85705e+06
4.80998e+06
4.93715e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

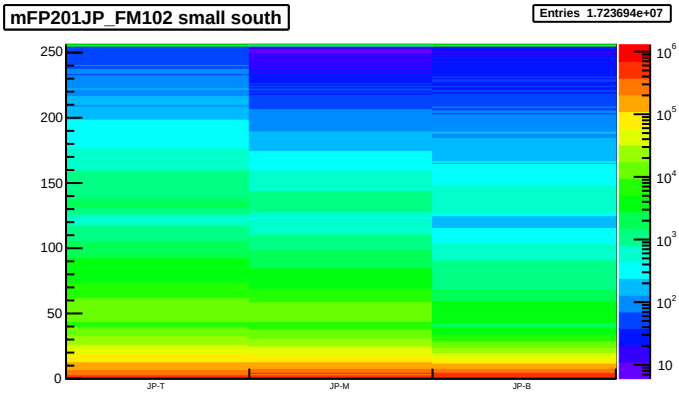

mFP201BSsim_FM103 large north
Entries 3170766
18
1013
317213
1229
282974
598048
634051
136865
956602
242753
BS3
BS2
BS1-T
BS1-M
BS1-B

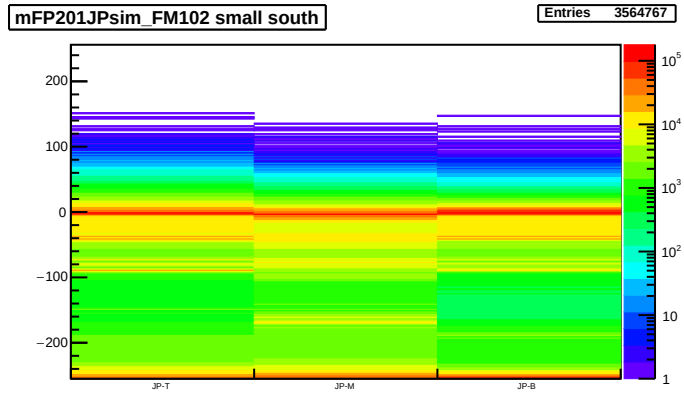

mFP201BS_FM104 large south
Entries 2.872823e+07
253702
596784
966918
1.453e+06
946970
5.49194e+06
5.14886e+06
4.77873e+06
4.29265e+06
4.79868e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

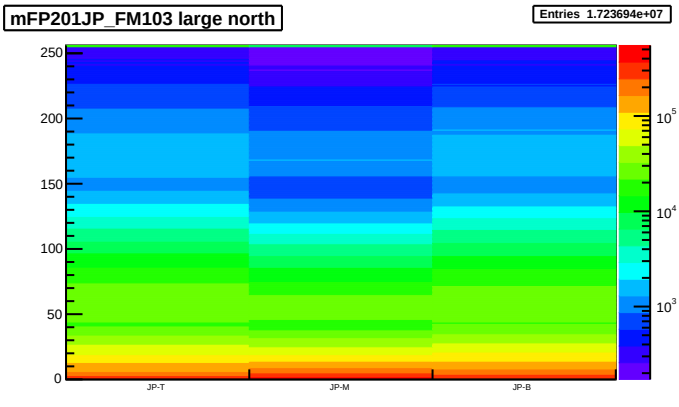

mFP201BSsim_FM104 large south
Entries 3013626
23
1674
333756
4304
344988
550475
543336
219423
806202
209445
BS3
BS2
BS1-T
BS1-M
BS1-B

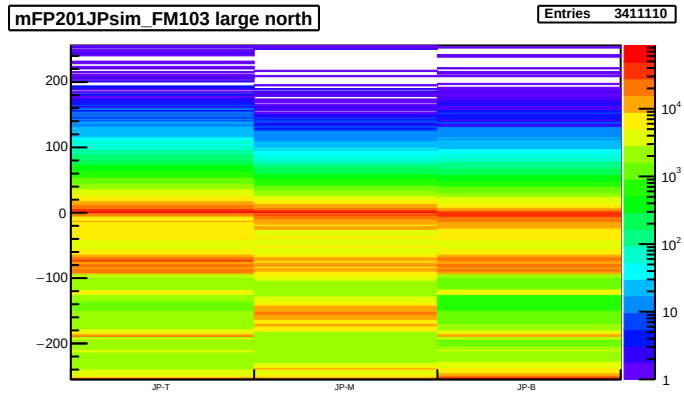

mFP201JP_FM101 small north
Entries 1.723694e+07
JP-T
JP-M
JP-B

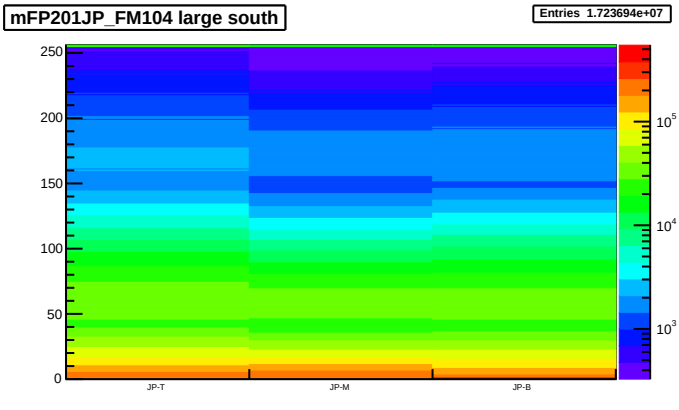

mFP201JPsim_FM101 small north
Entries 3377701
JP-T
JP-M
JP-B

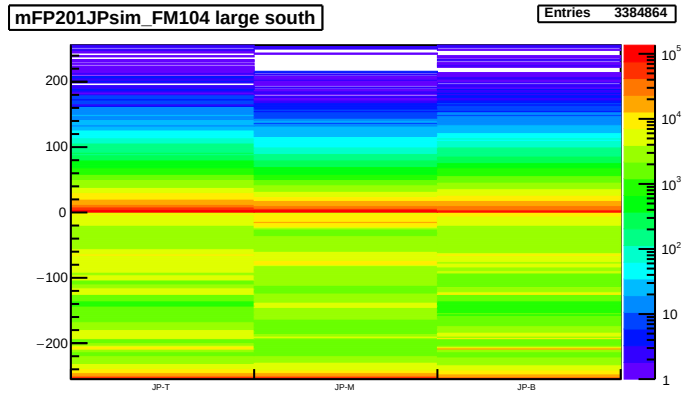

mFP201JP_FM102 small south
Entries 1.723694e+07
JP-T
JP-M
JP-B

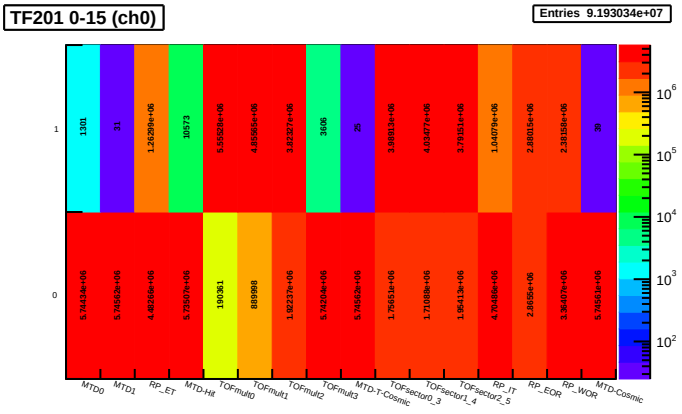

mFP201JPsim_FM102 small south
Entries 3564767
JP-T
JP-M
JP-B

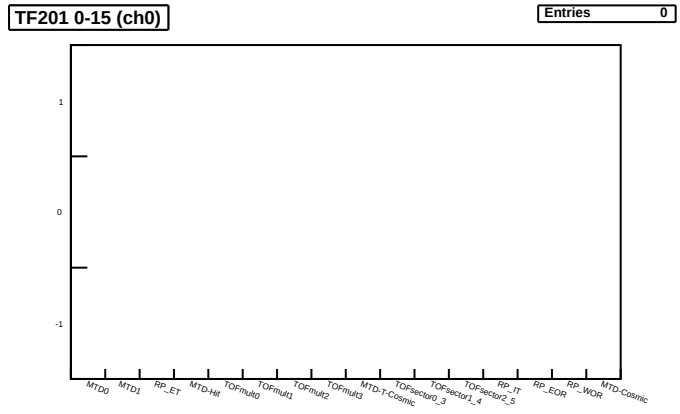

mFP201JP_FM103 large north
Entries 1.723694e+07
JP-T
JP-M
JP-B

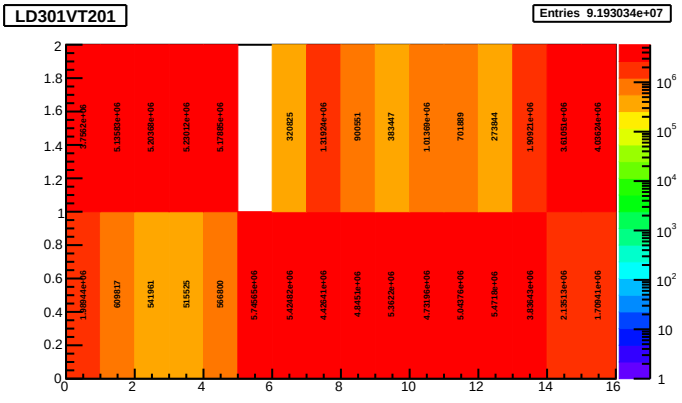

mFP201JPsim_FM103 large north
Entries 3411110
JP-T
JP-M
JP-B

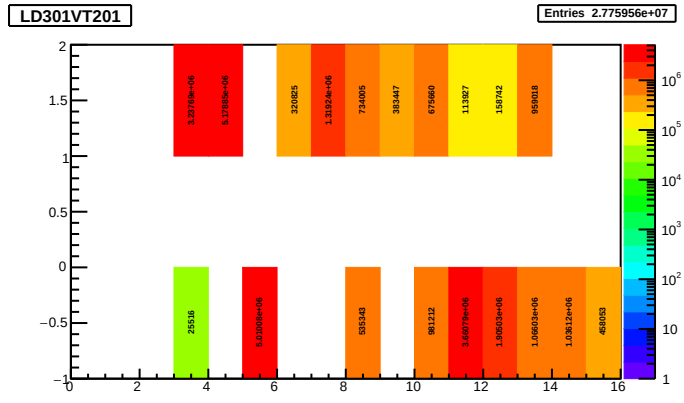

mFP201JP_FM104 large south
Entries 1.723694e+07
JP-T
JP-M
JP-B

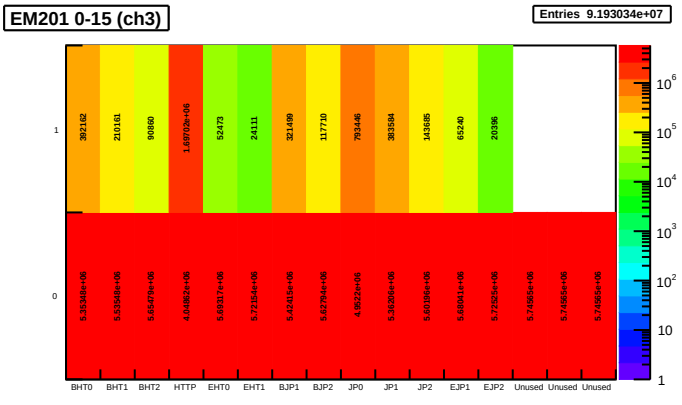

mFP201JPsim_FM104 large south
Entries 3384864
JP-T
JP-M
JP-B

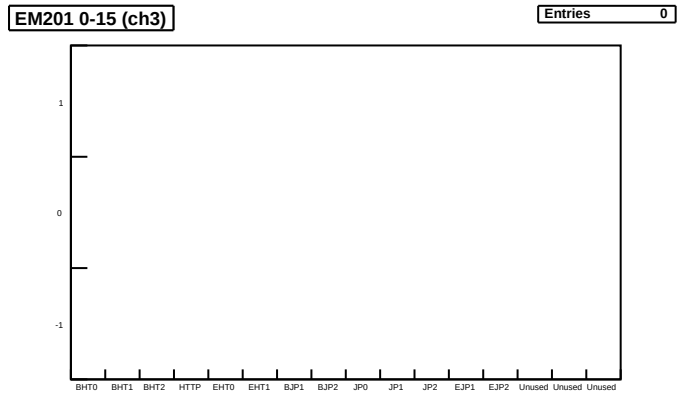

TF201 0-15 (ch0)
Entries 9.193034e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

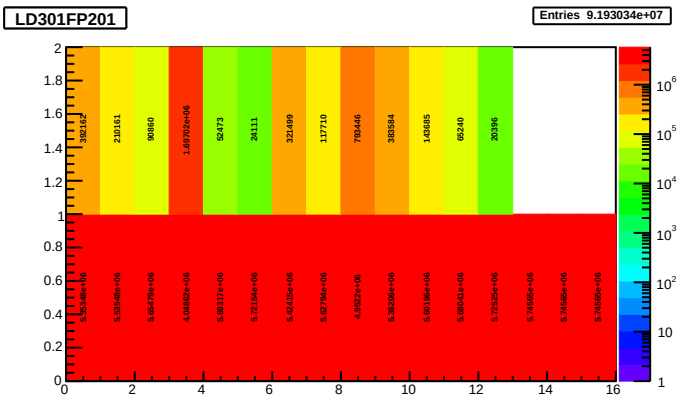

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

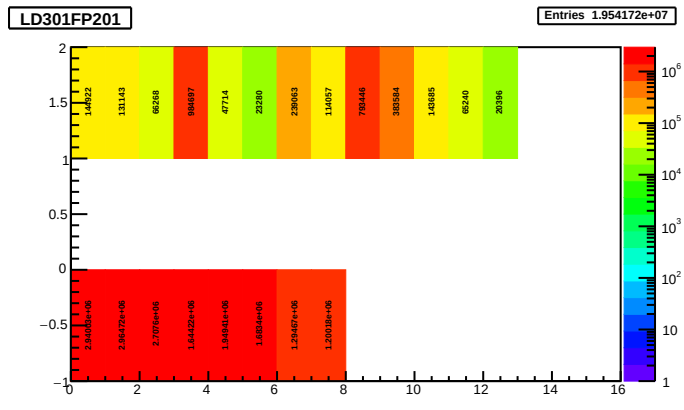

LD301VT201
Entries 9.193034e+07


LD301VT201
Entries 2.775956e+07


EM201 0-15 (ch3)
Entries 9.193034e+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 9.193034e+07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