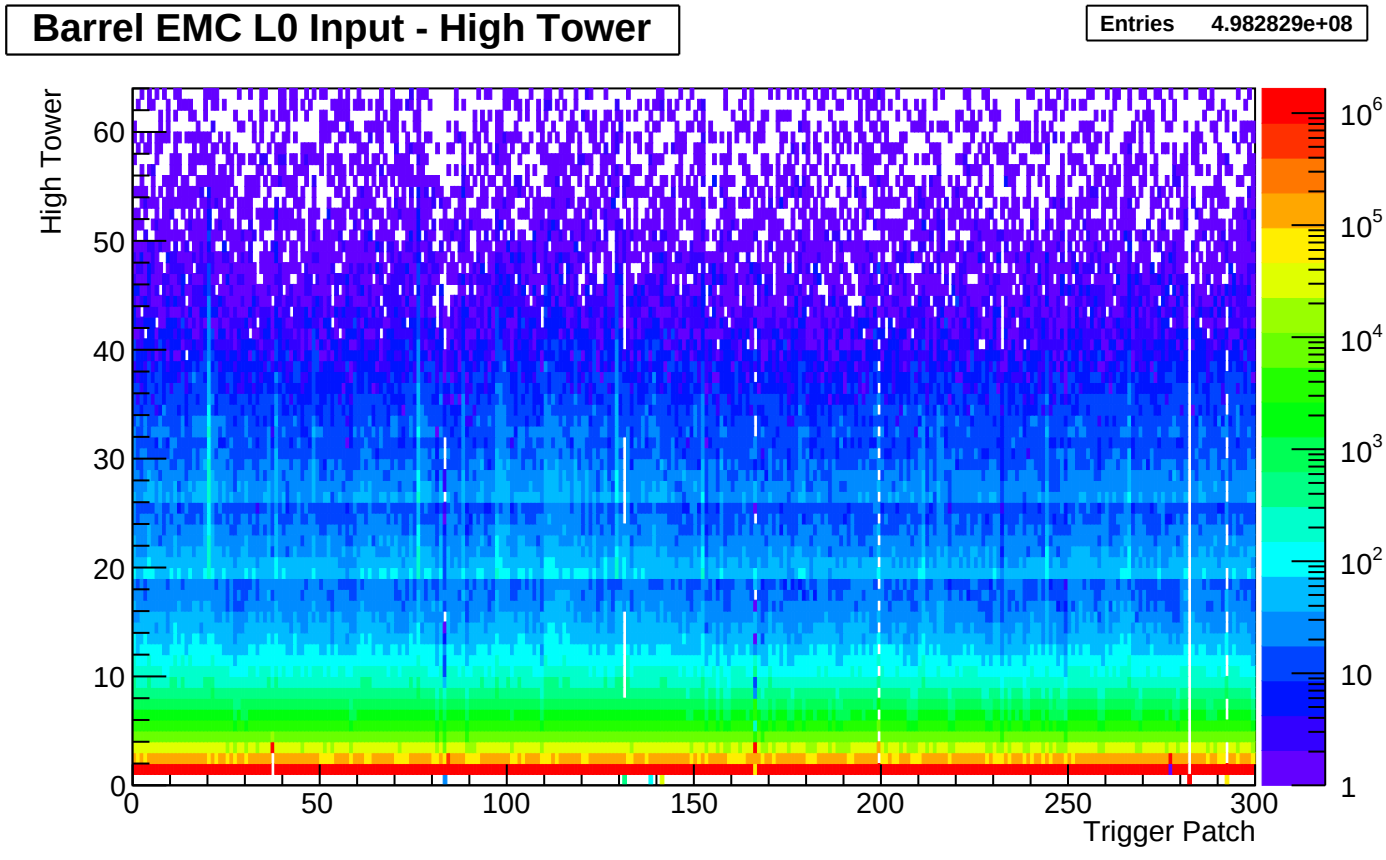
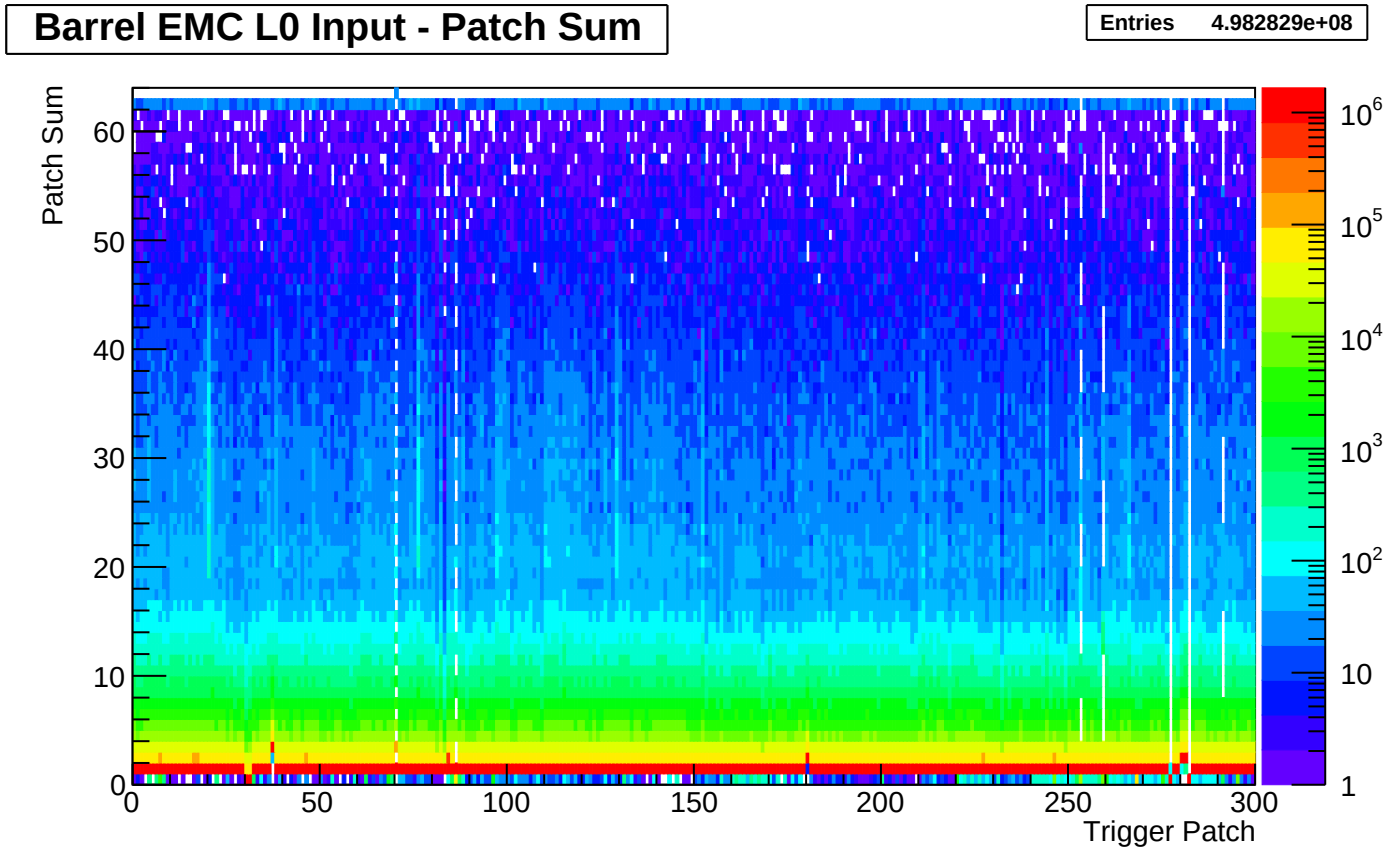
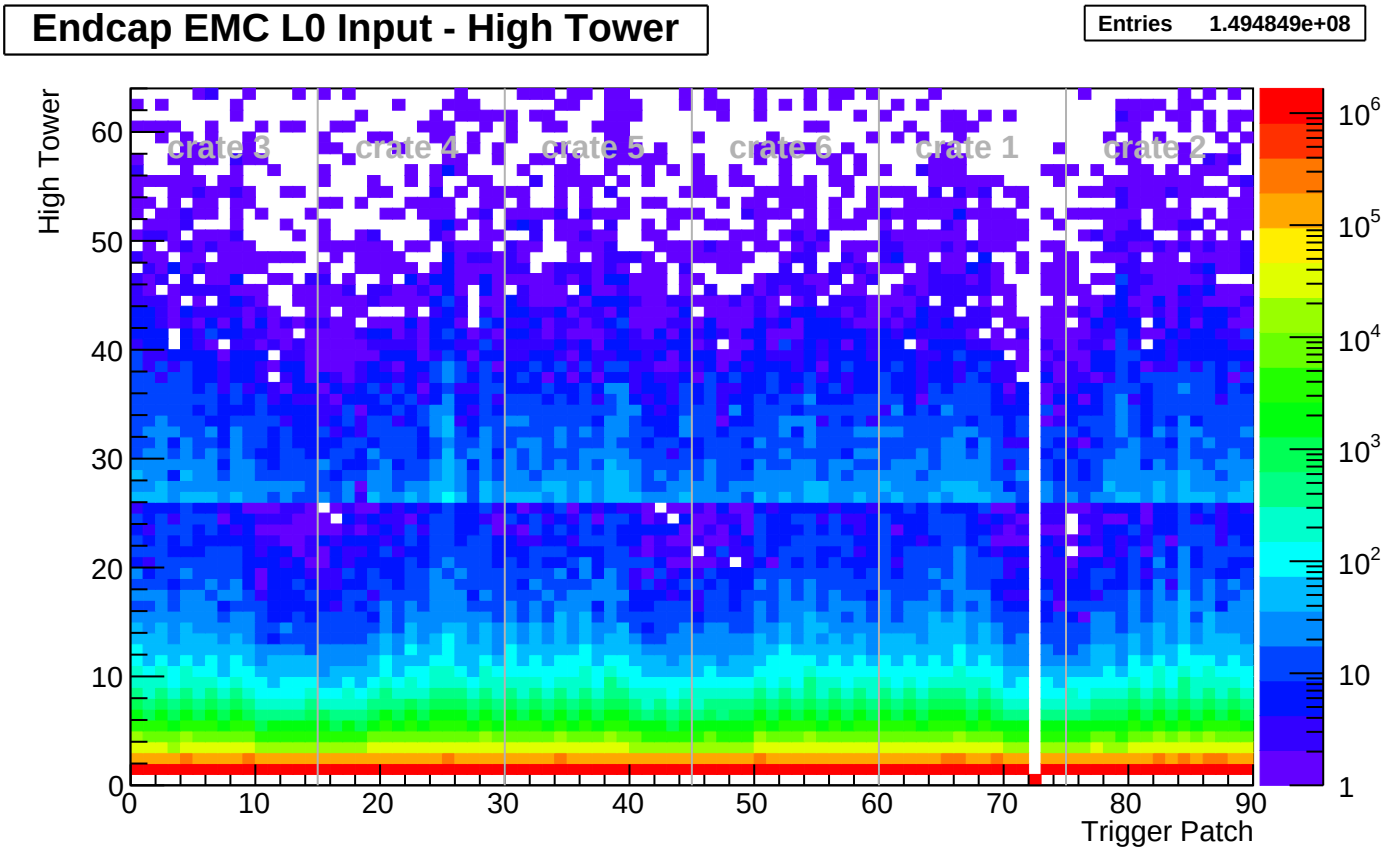
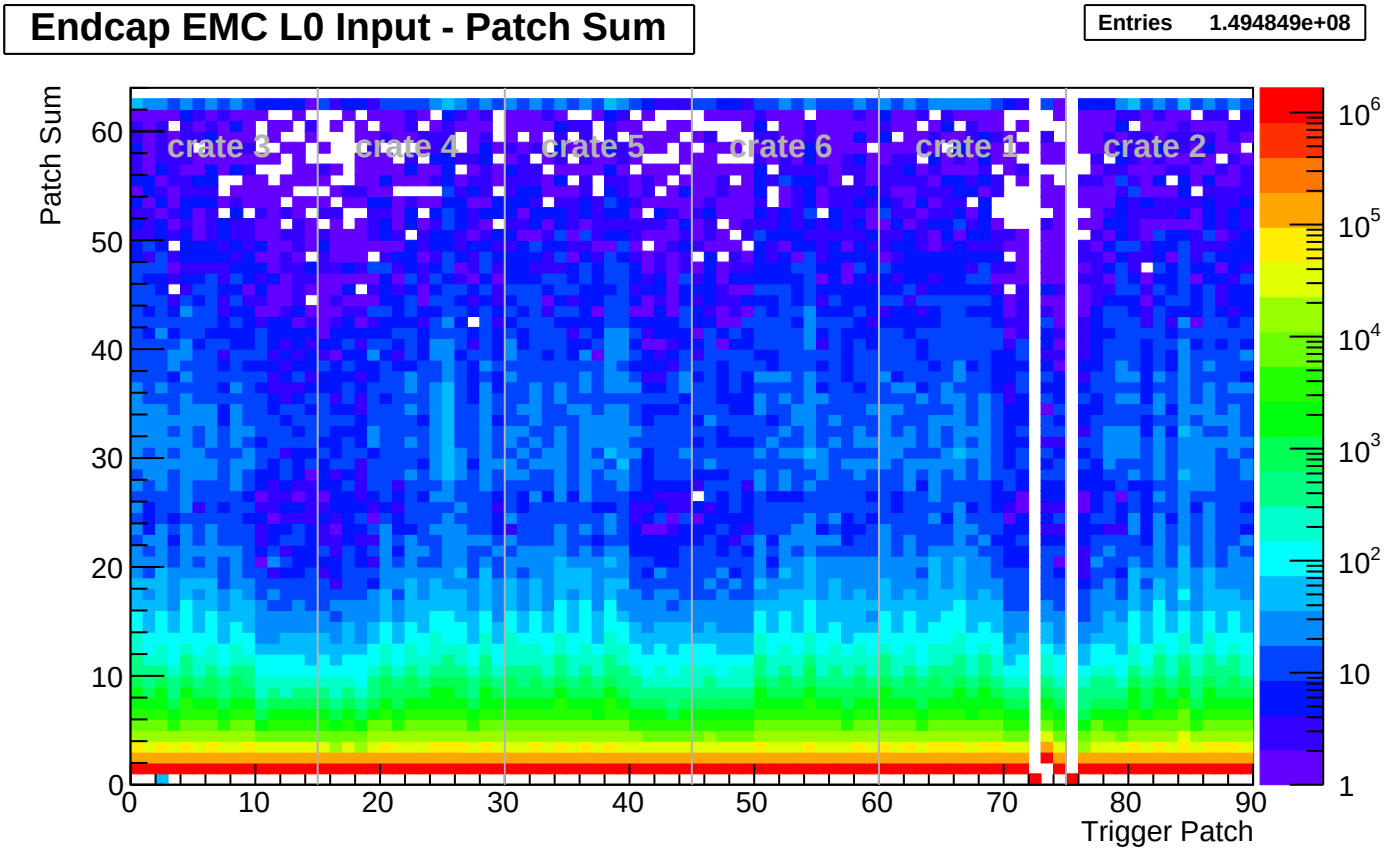
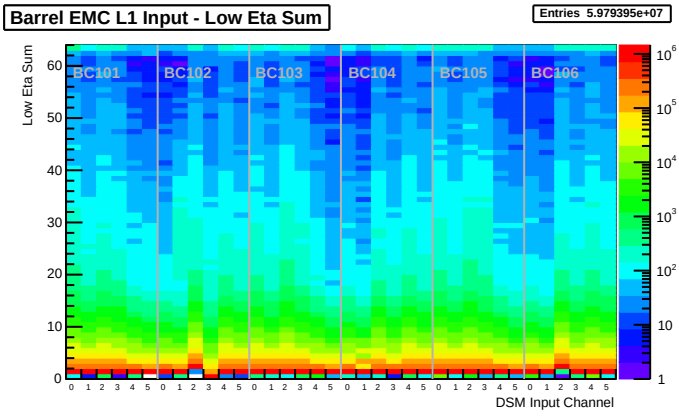
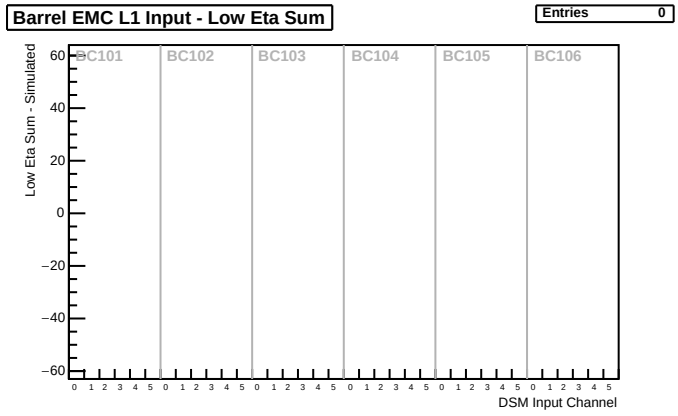

Barrel EMC L0 Input - High Tower
Entries 4.982829e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

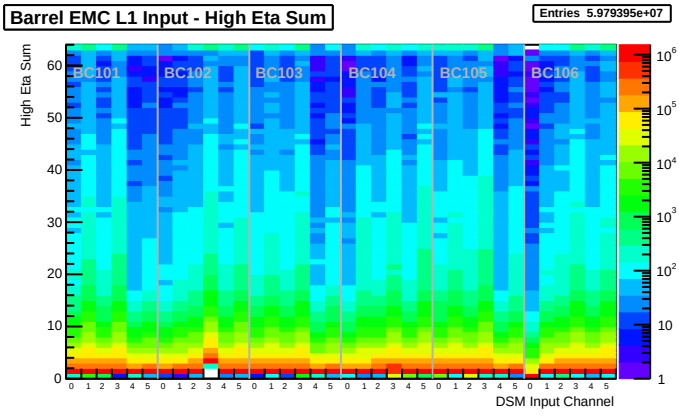

Barrel EMC L0 Input - Patch Sum
Entries 4.982829e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

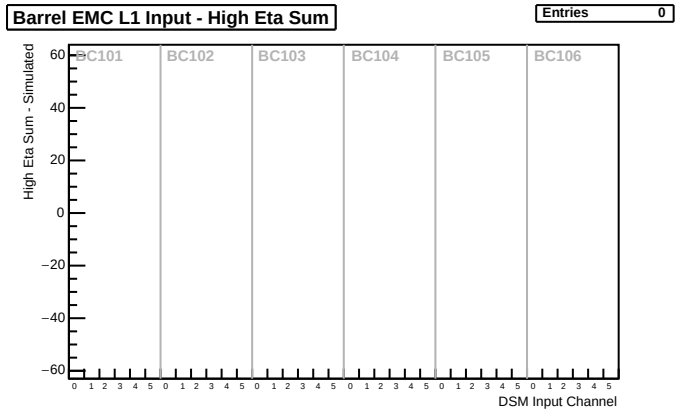

Endcap EMC L0 Input - High Tower
Entries 1.494849e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

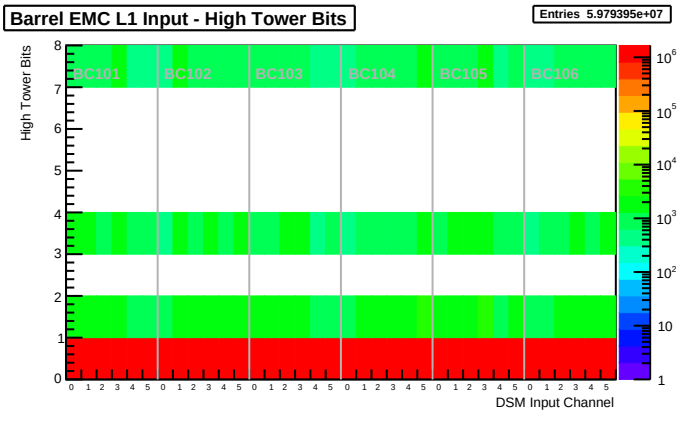

Endcap EMC L0 Input - Patch Sum
Entries 1.494849e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

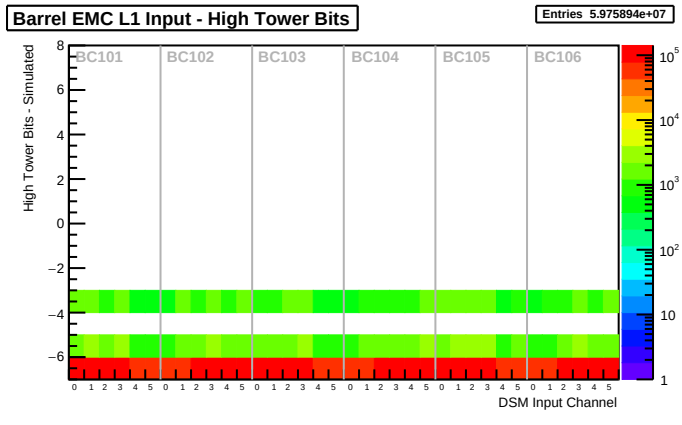

Barrel EMC L1 Input - Low Eta Sum
Entries 5.979395e+07
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

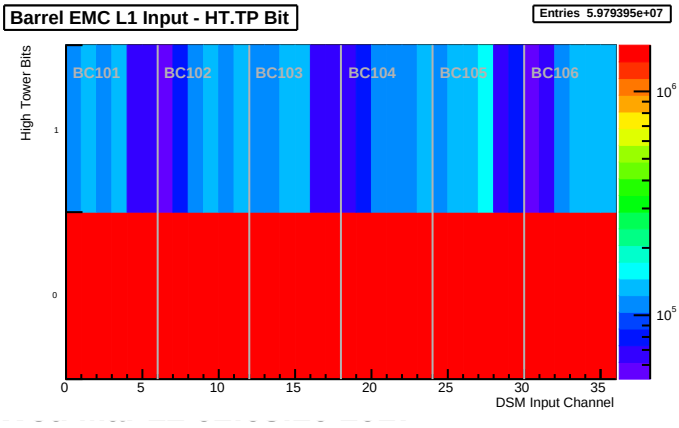

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

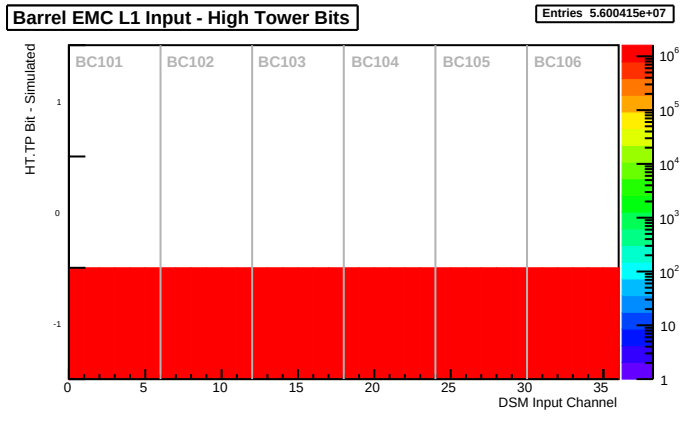

Barrel EMC L1 Input - High Eta Sum
Entries 5.979395e+07
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

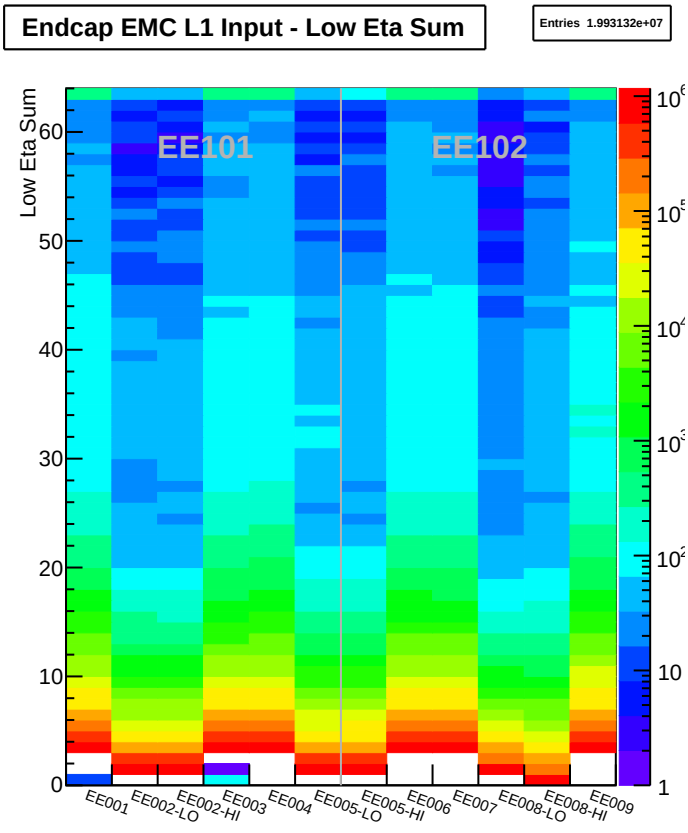

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

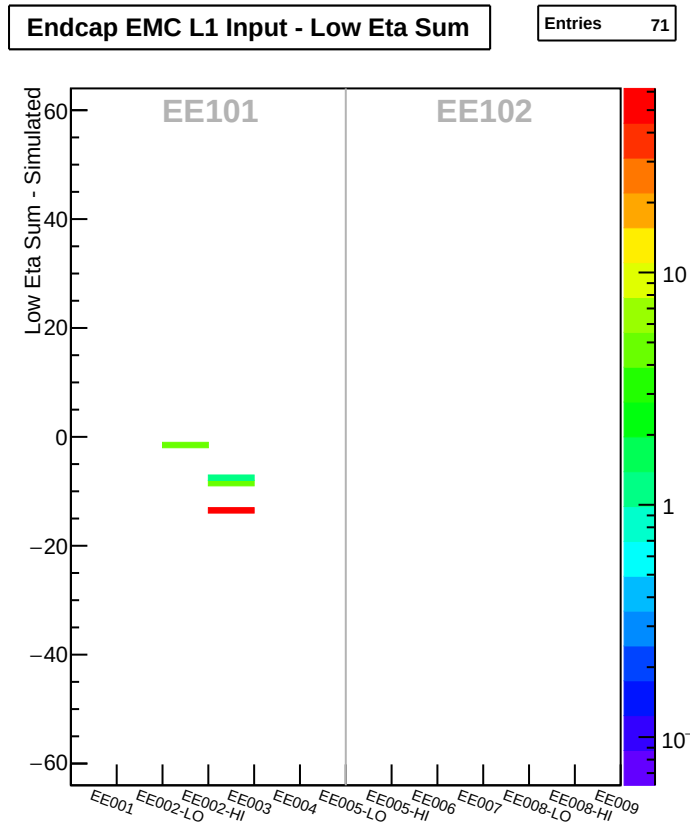

Barrel EMC L1 Input - High Tower Bits
Entries 5.979395e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

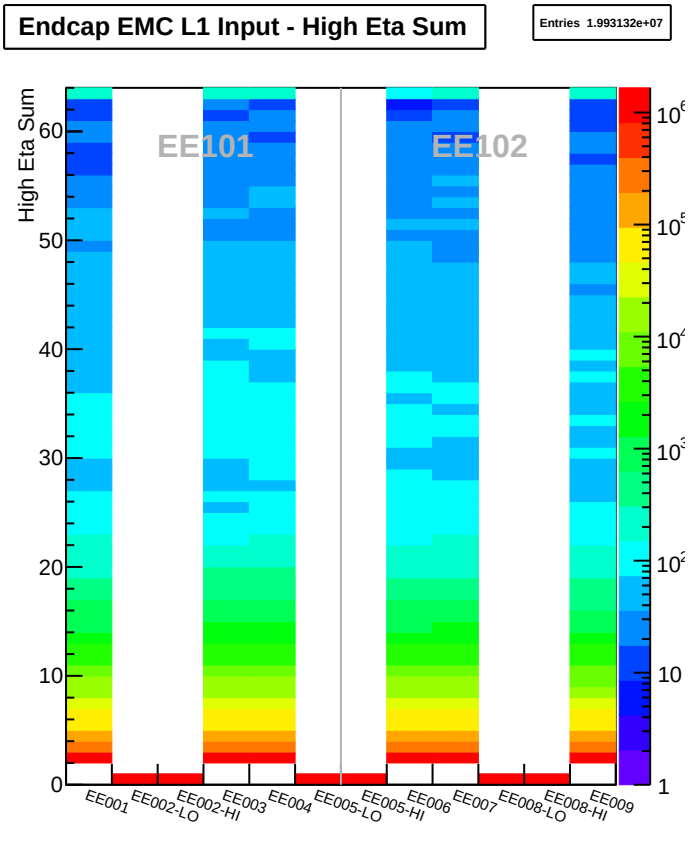

Barrel EMC L1 Input - High Tower Bits
Entries 5.975894e+07
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

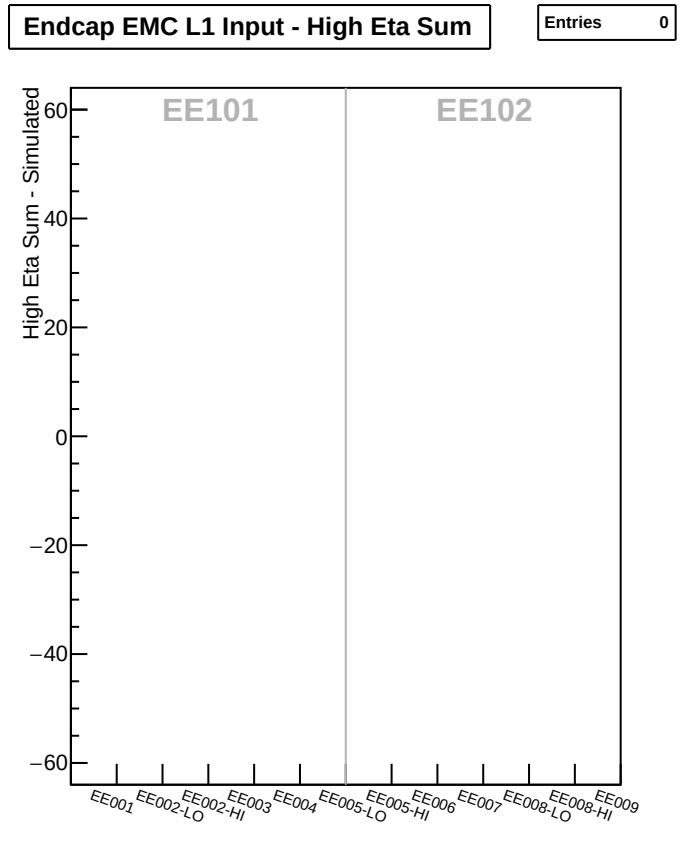

Barrel EMC L1 Input - HT.TP Bit
Entries 5.979395e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel


Barrel EMC L1 Input - High Tower Bits
Entries 5.600415e+07
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel


Endcap EMC L1 Input - Low Eta Sum
Entries 1.993132e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

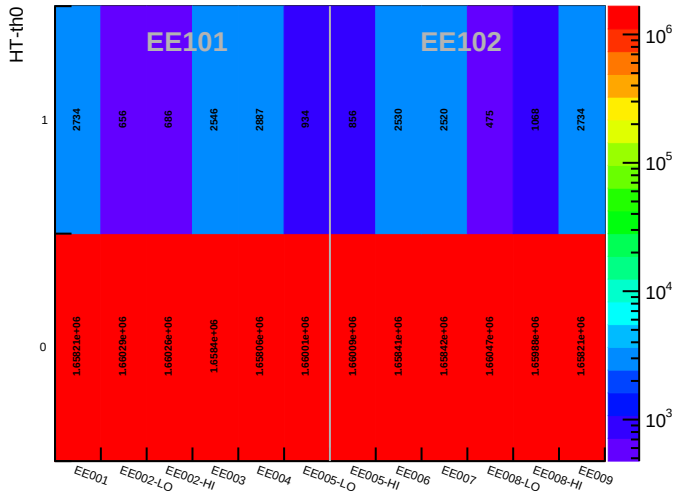

Endcap EMC L1 Input - Low Eta Sum
Entries 71
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009


Endcap EMC L1 Input - High Eta Sum
Entries 1.993132e+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

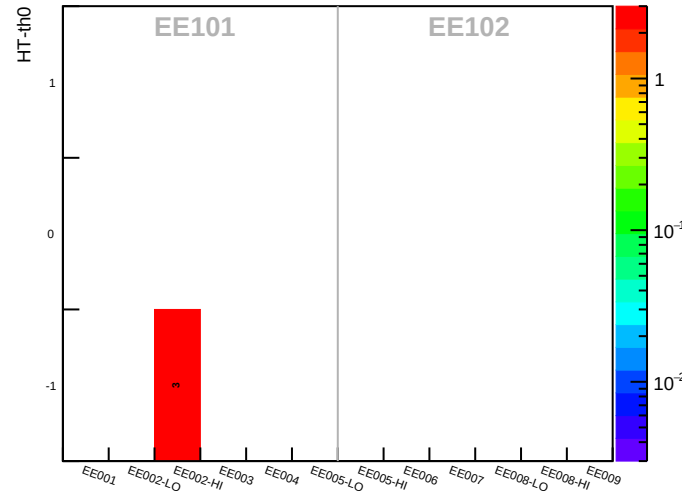
Endcap EMC L1 Input - HT-th0

Entries 1.993132e+07



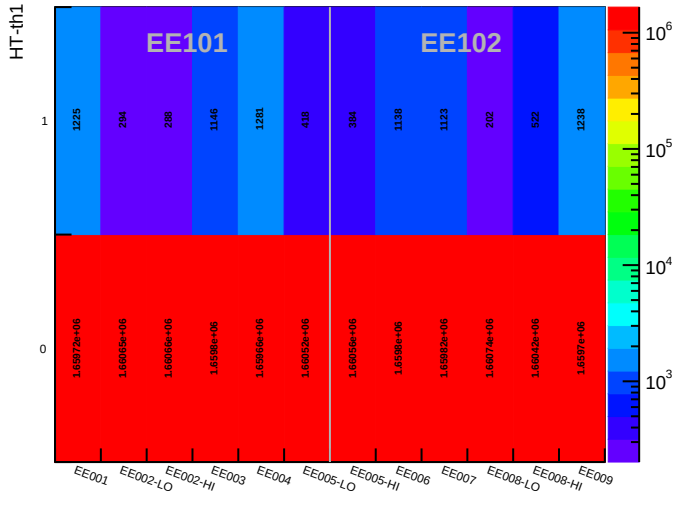
Endcap EMC L1 Input - HT-th0 Diff

Entries 3



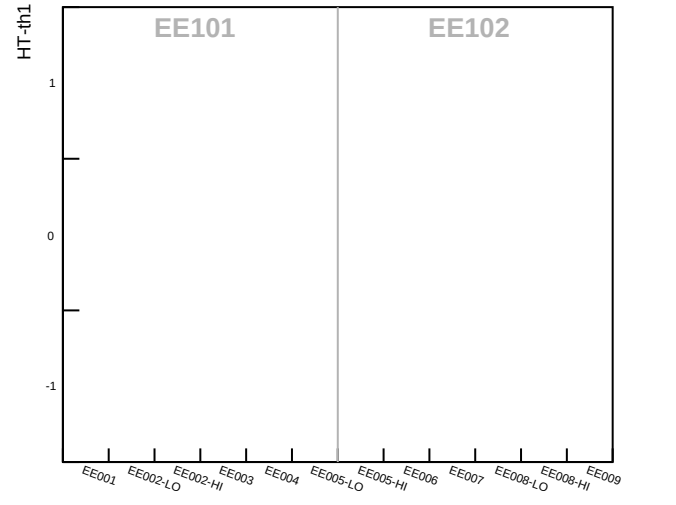
Endcap EMC L1 Input - HT-th1

Entries 1.993132e+07



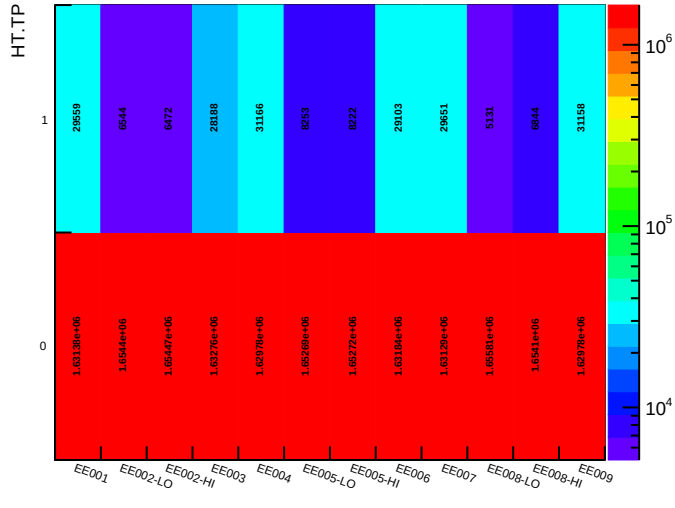
Endcap EMC L1 Input - HT-th1 Diff

Entries 0



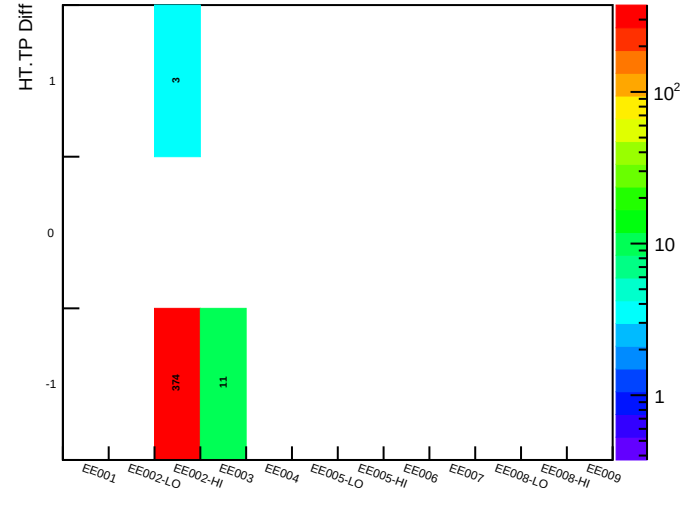
Endcap EMC L1 Input - HT.TP

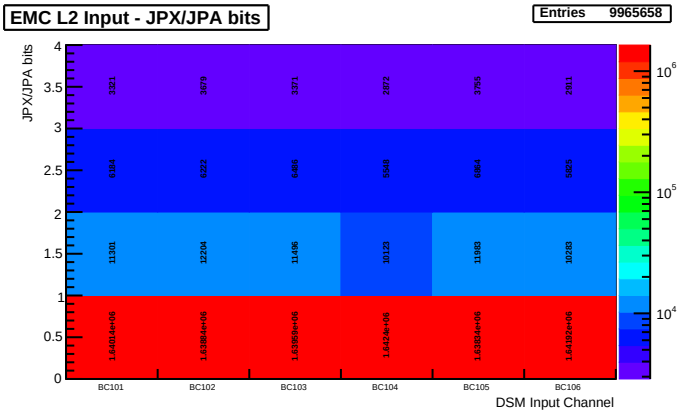
Entries 1.993132e+07

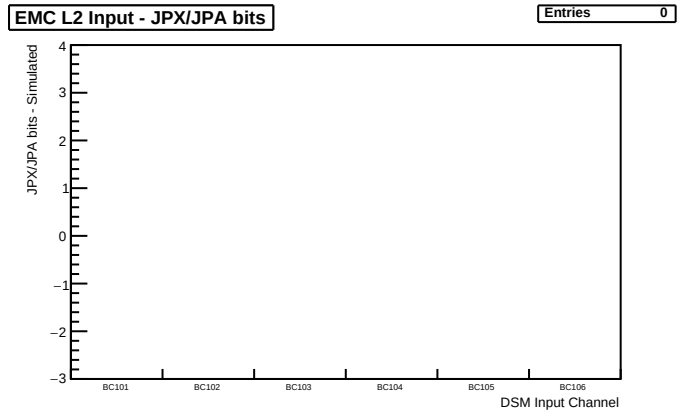


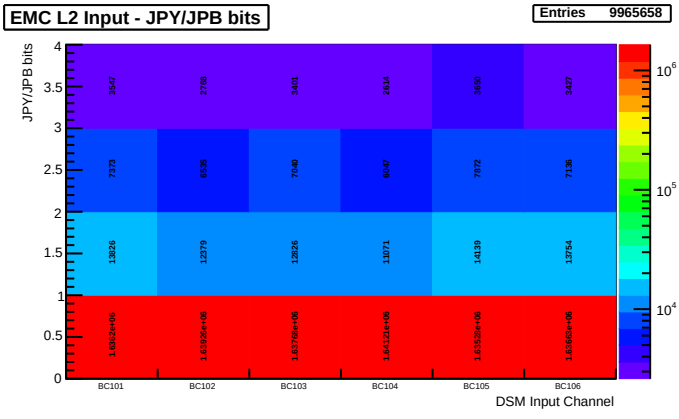
Endcap EMC L1 Input - HT.TP Diff

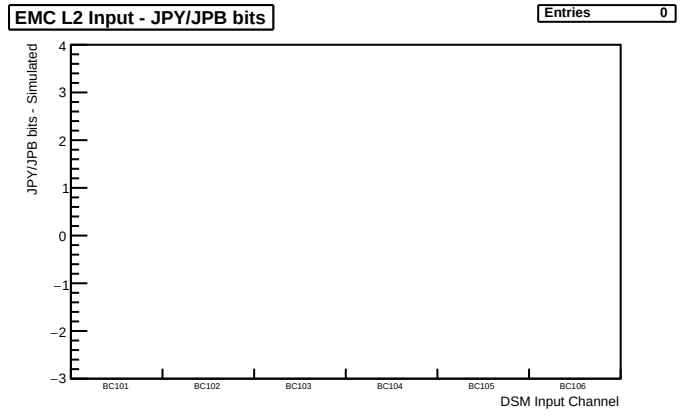
Entries 388

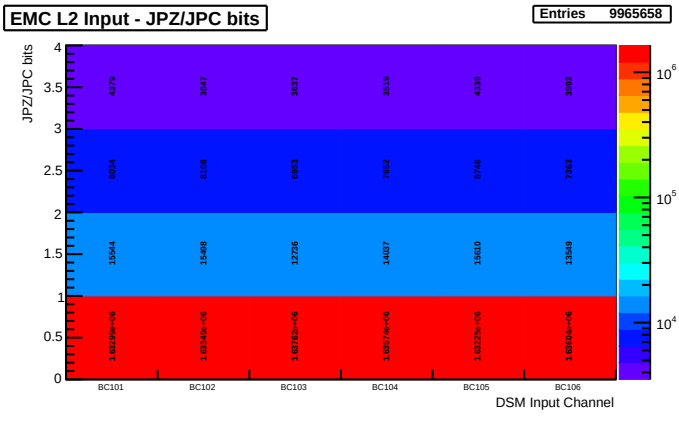


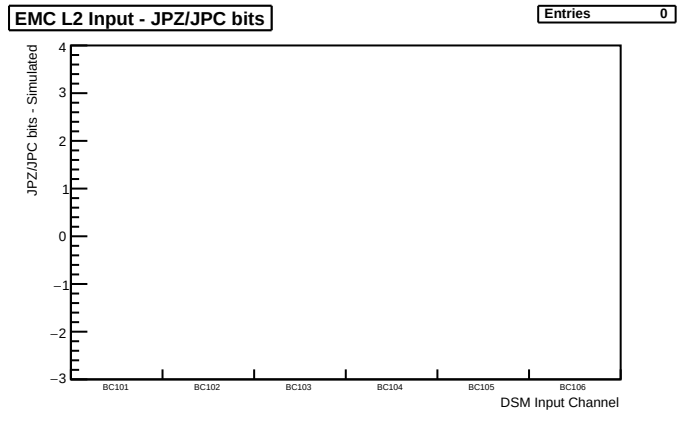

EMC L2 Input - JPX/JPA bits
Entries 9965658
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

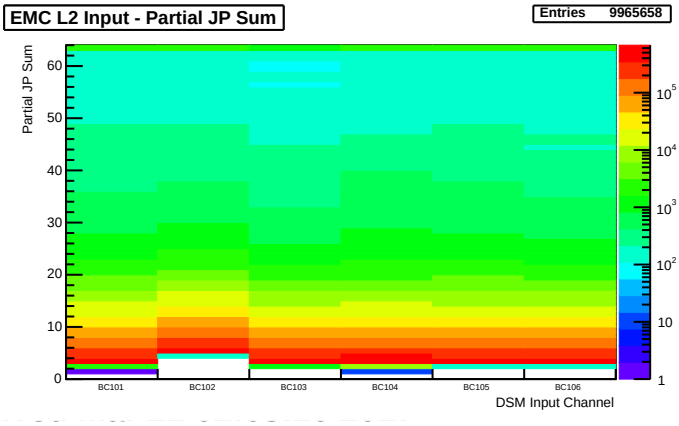

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

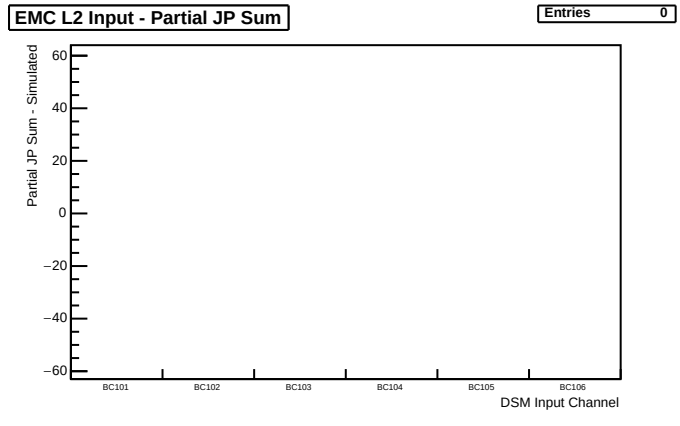

EMC L2 Input - JPY/JPB bits
Entries 9965658
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

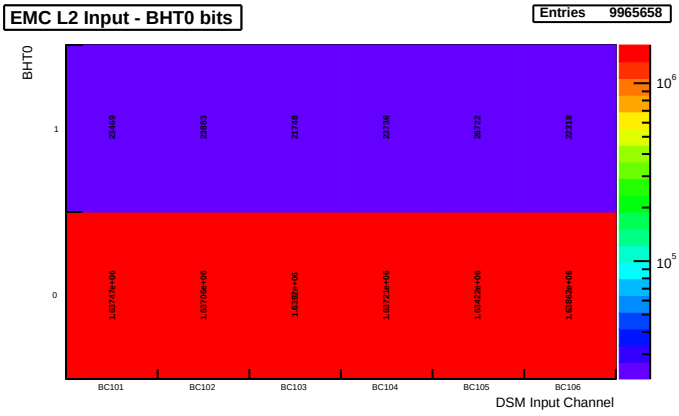

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

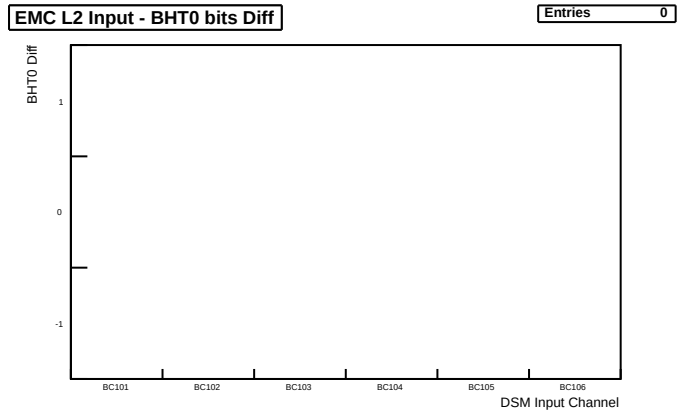

EMC L2 Input - JPZ/JPC bits
Entries 9965658
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

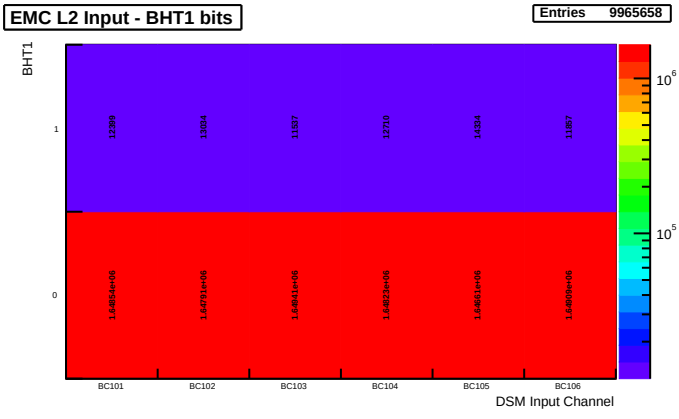

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

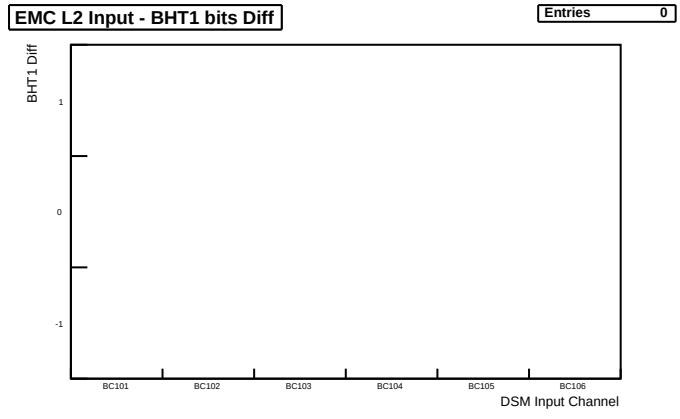

EMC L2 Input - Partial JP Sum
Entries 9965658
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

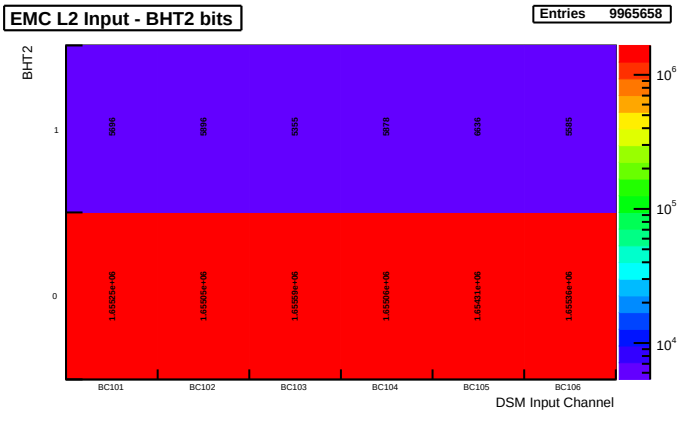

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

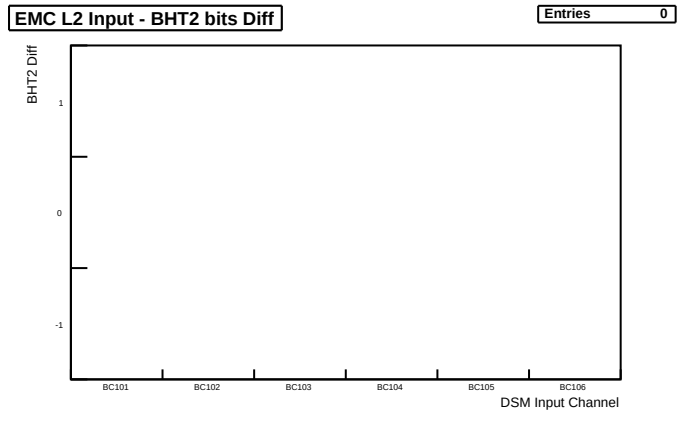

EMC L2 Input - BHT0 bits
Entries 9965658
BHT0
1
0
23459
23383
21748
23736
26722
22318
1.63747e+06
1.63706e+06
1.63392e+06
1.63721e+06
1.63422e+06
1.63852e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

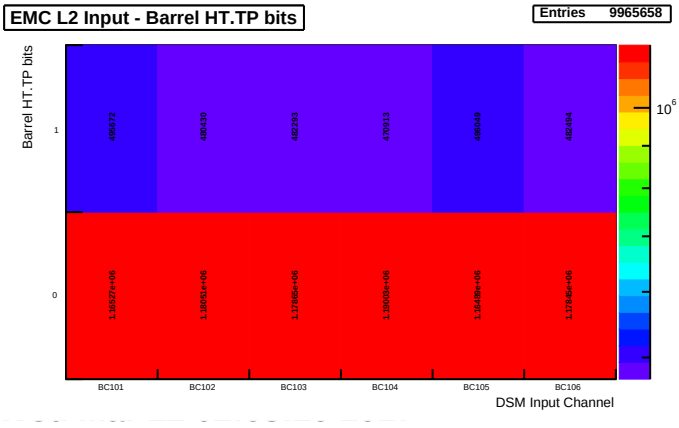

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

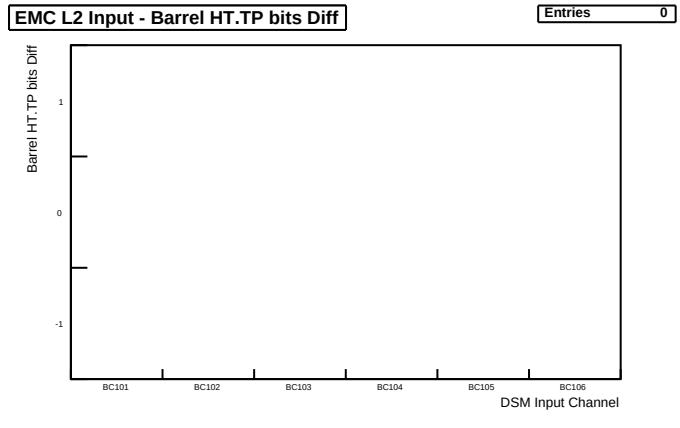

EMC L2 Input - BHT1 bits
Entries 9965658
BHT1
1
0
12389
13034
11537
12710
14334
11857
1.64554e+06
1.64791e+06
1.64641e+06
1.64823e+06
1.64661e+06
1.64609e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

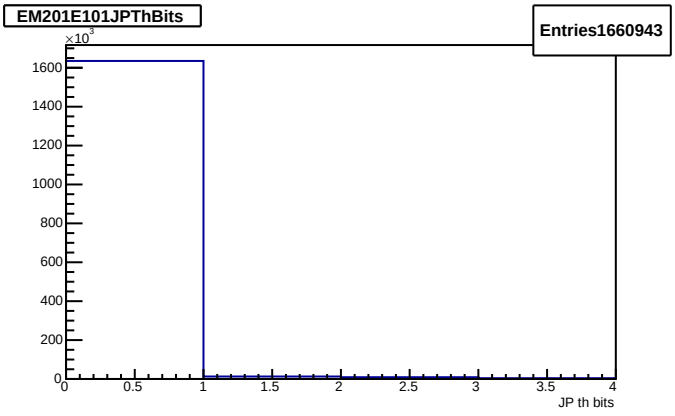

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

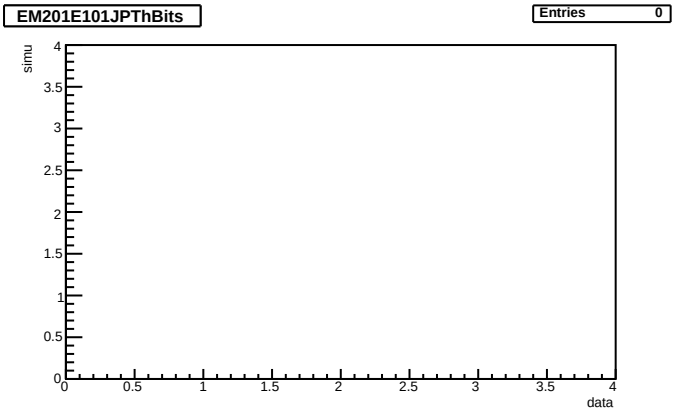

EMC L2 Input - BHT2 bits
Entries 9965658
BHT2
1
0
5696
5996
5355
5878
6636
5585
1.65535e+06
1.65505e+06
1.65559e+06
1.65506e+06
1.65451e+06
1.65535e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5
10^4

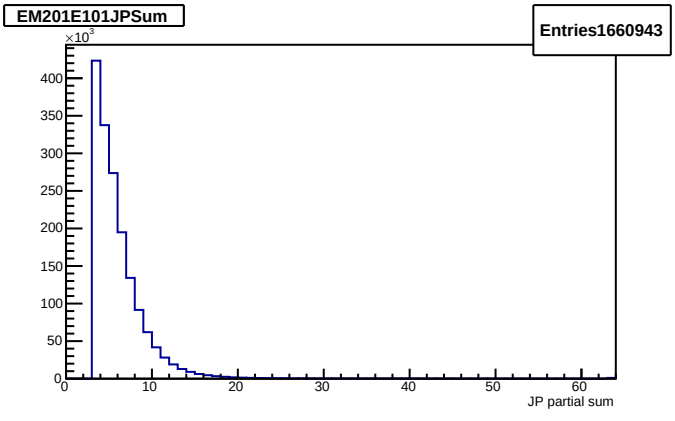

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

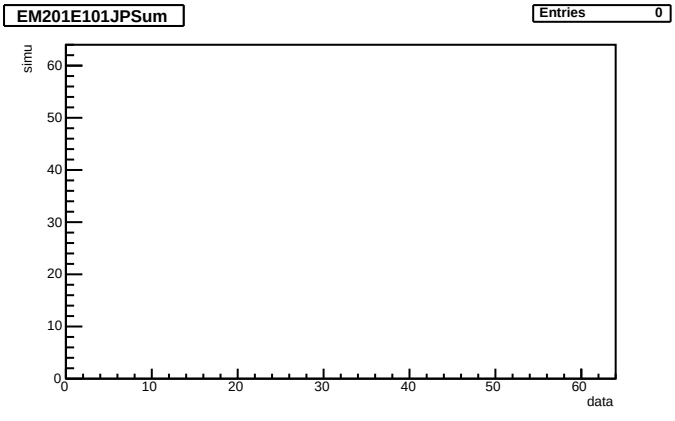

EMC L2 Input - Barrel HT.TP bits
Entries 9965658
Barrel HT.TP bits
1
0
486572
490430
482233
470813
496649
482404
1.18527e+06
1.18051e+06
1.17868e+06
1.19003e+06
1.19489e+06
1.17845e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6

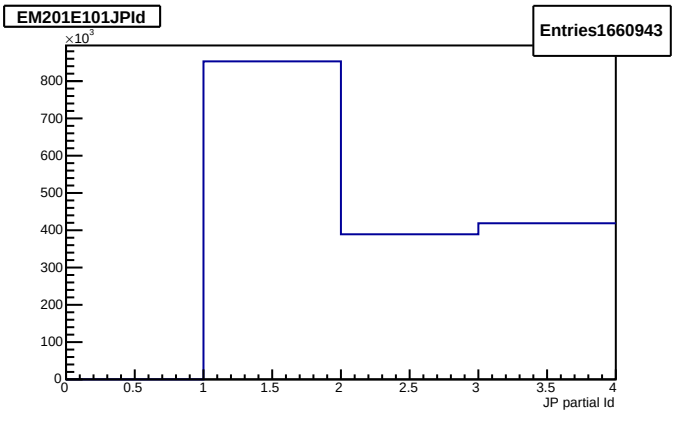

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

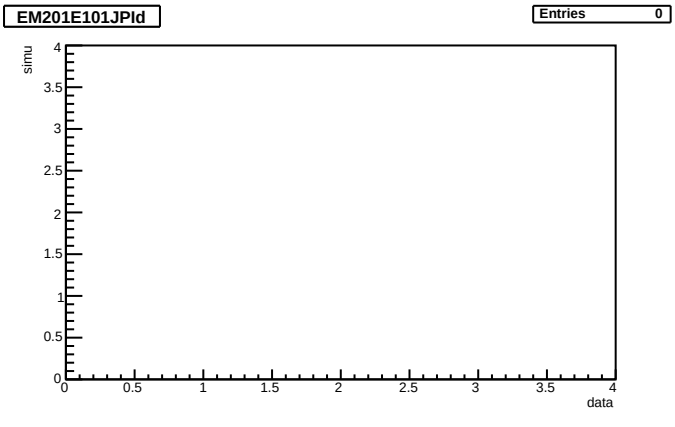

EM201E101JPThBits
Entries1660943
×10^3
JP th bits

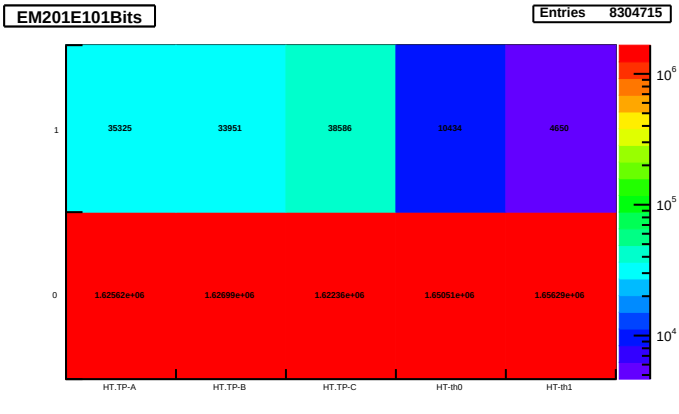

EM201E101JPThBits
Entries 0
simu
data

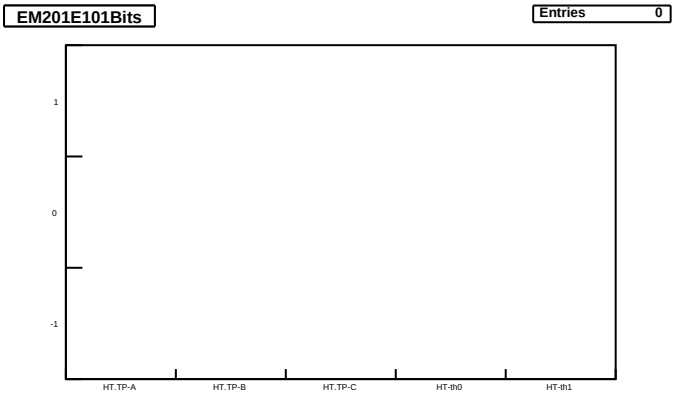

EM201E101JPSum
Entries1660943
×10^3
JP partial sum

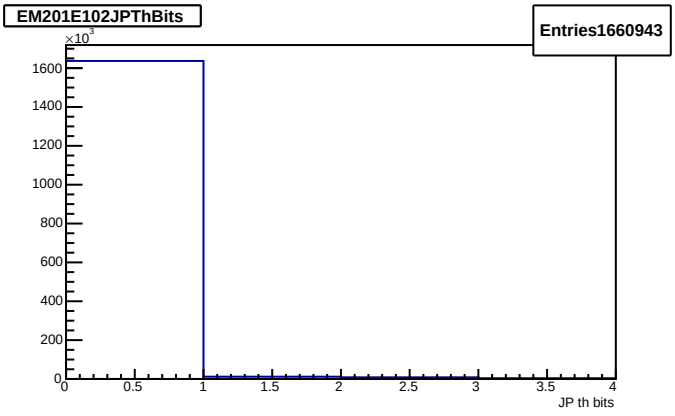

EM201E101JPSum
Entries 0
simu
data

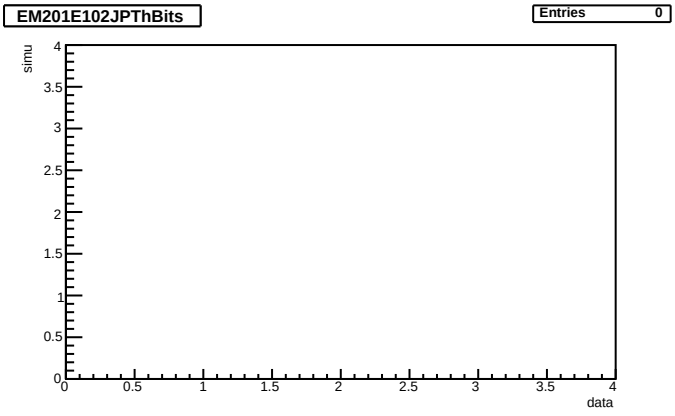

EM201E101JPId
Entries1660943
×10^3
JP partial Id

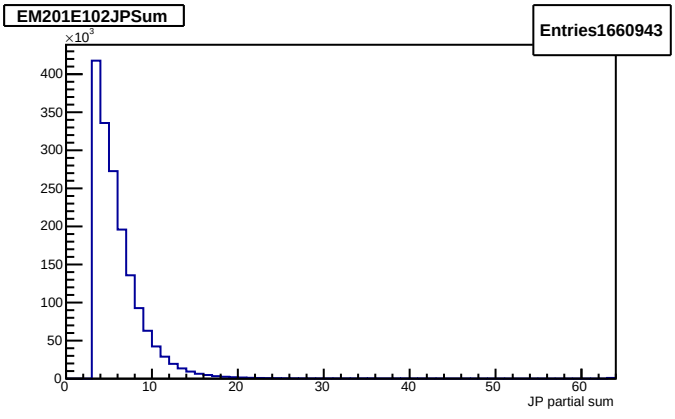

EM201E101JPId
Entries 0
simu
data

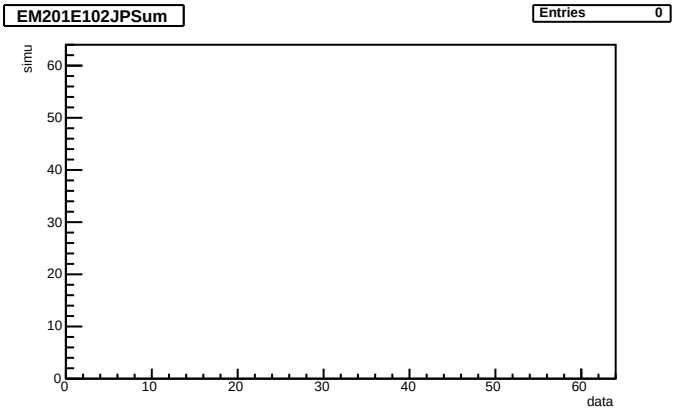

EM201E101Bits
Entries 8304715
35325
33951
38586
10434
4650
1.62562e+06
1.62699e+06
1.62236e+06
1.65051e+06
1.65629e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

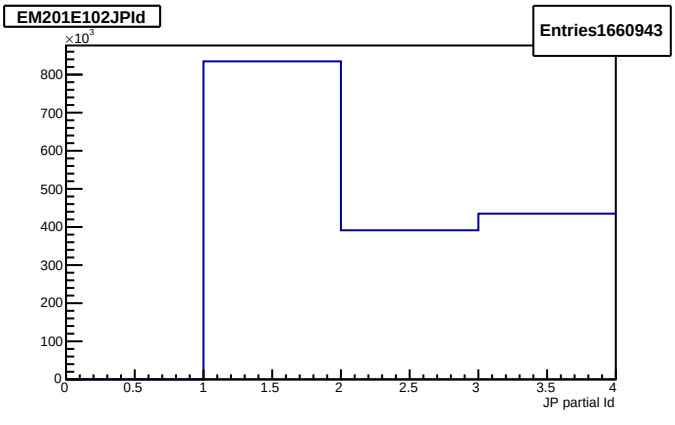

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

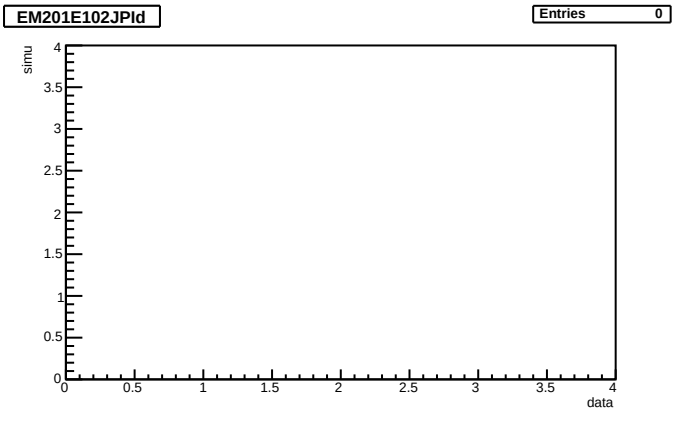

EM201E102JPThBits
Entries1660943
×10^3
JP th bits

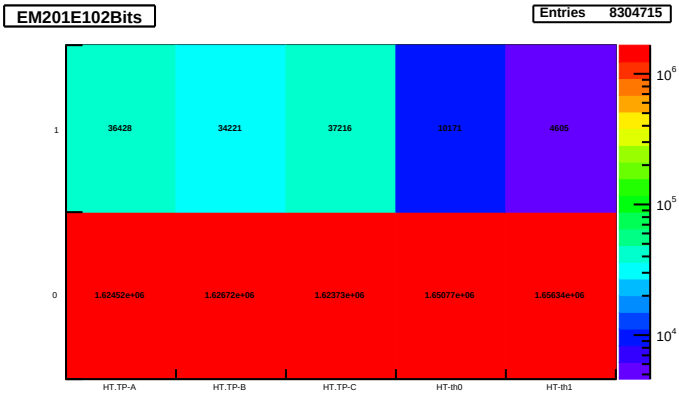

EM201E102JPThBits
Entries 0
simu
data

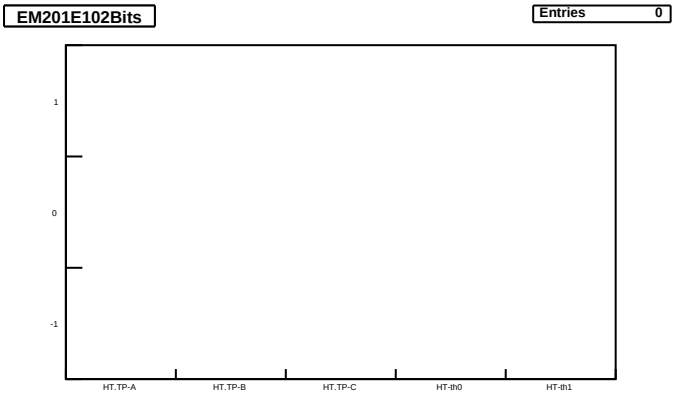

EM201E102JPSum
Entries1660943
×10^3
JP partial sum

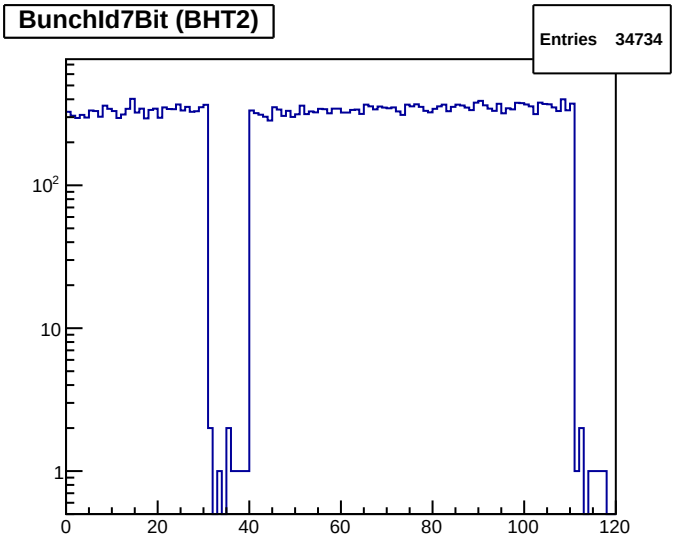

EM201E102JPSum
Entries 0
simu
data

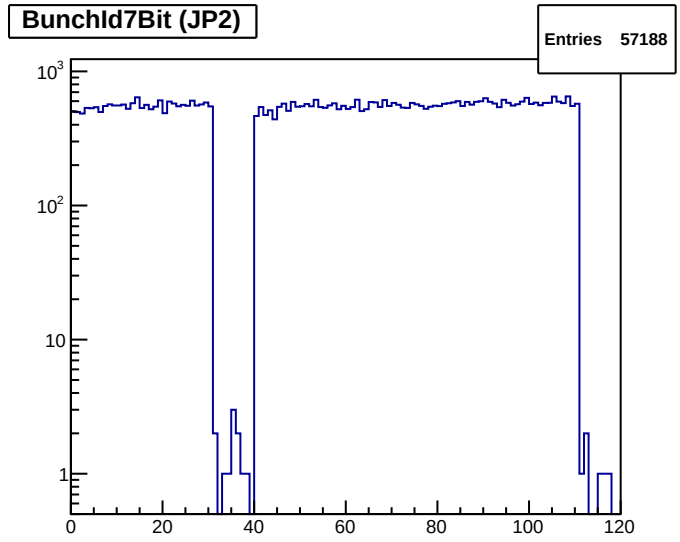

EM201E102JPId
Entries1660943
×10^3
JP partial Id

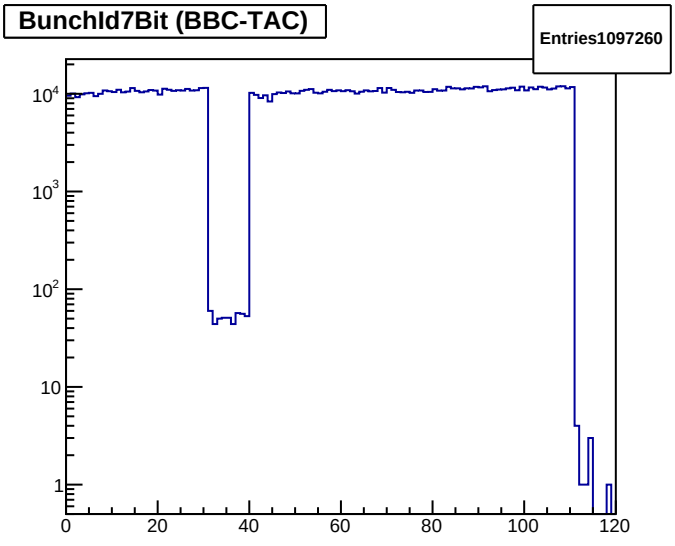

EM201E102JPId
Entries 0
simu
data

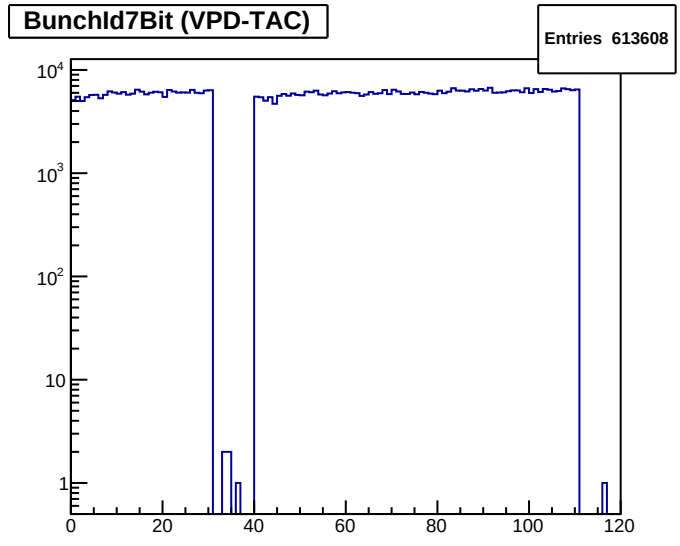

EM201E102Bits
Entries 8304715
36428
34221
37216
10171
4005
1.62452e+06
1.62672e+06
1.62373e+06
1.65077e+06
1.65634e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

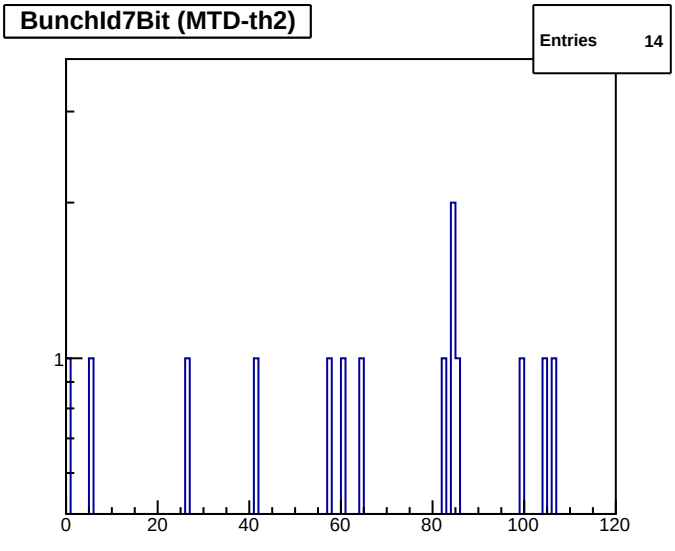

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

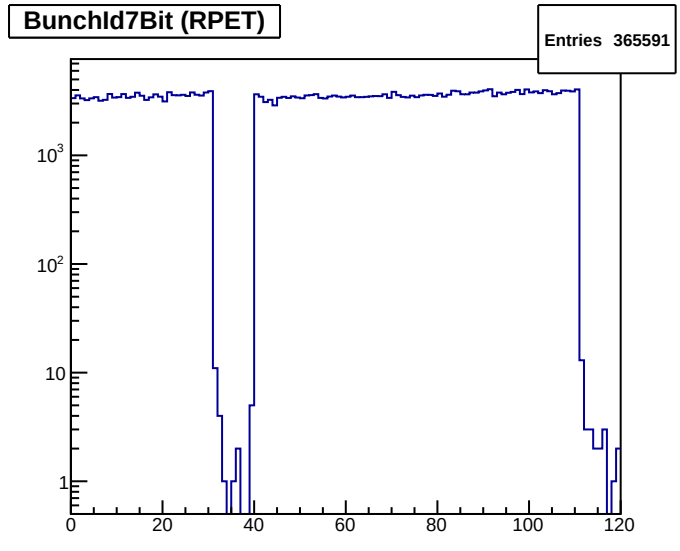

BunchId7Bit (BHT2)
Entries 34734

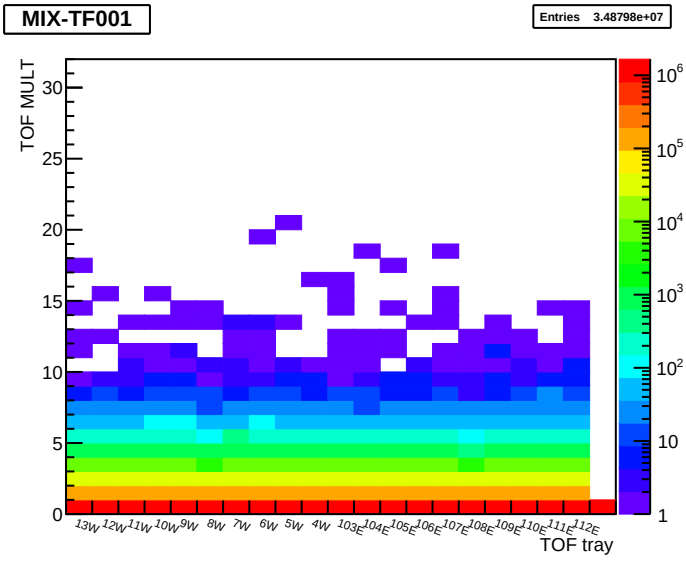

BunchId7Bit (JP2)
Entries 57188

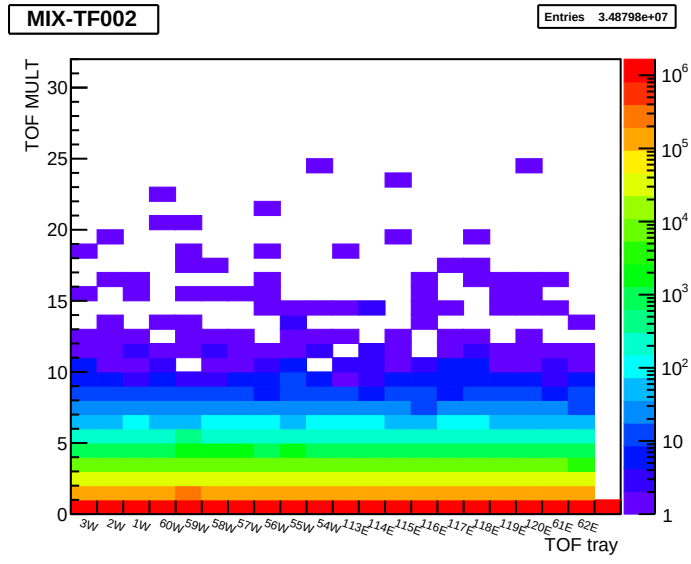

BunchId7Bit (BBC-TAC)
Entries1097260

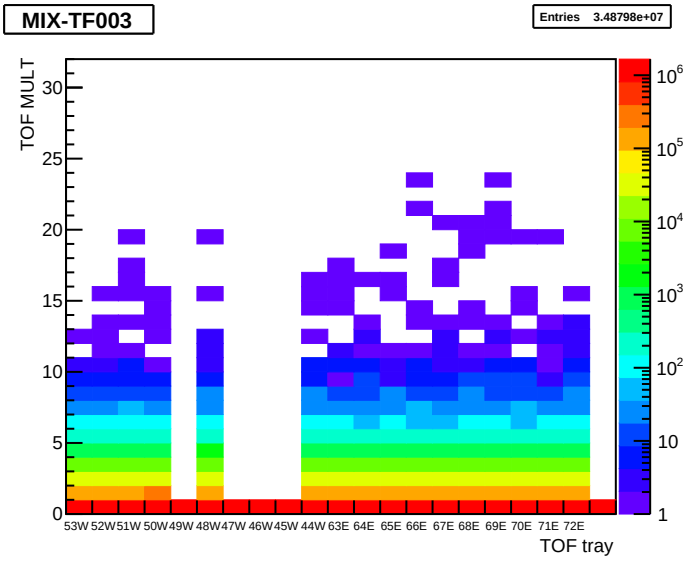

BunchId7Bit (VPD-TAC)
Entries 613608

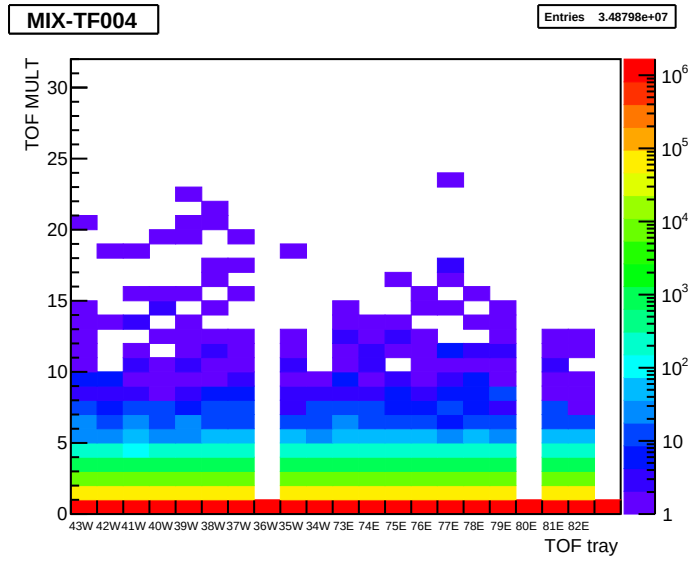

BunchId7Bit (MTD-th2)
Entries 14

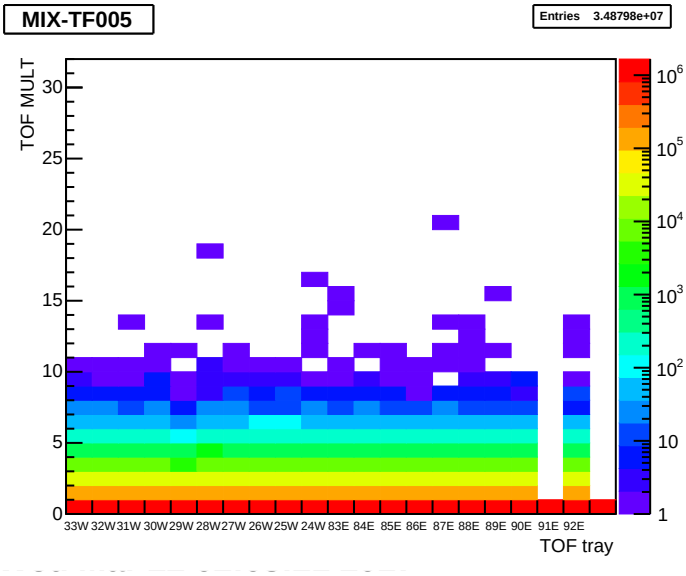

BunchId7Bit (RPET)
Entries 365591

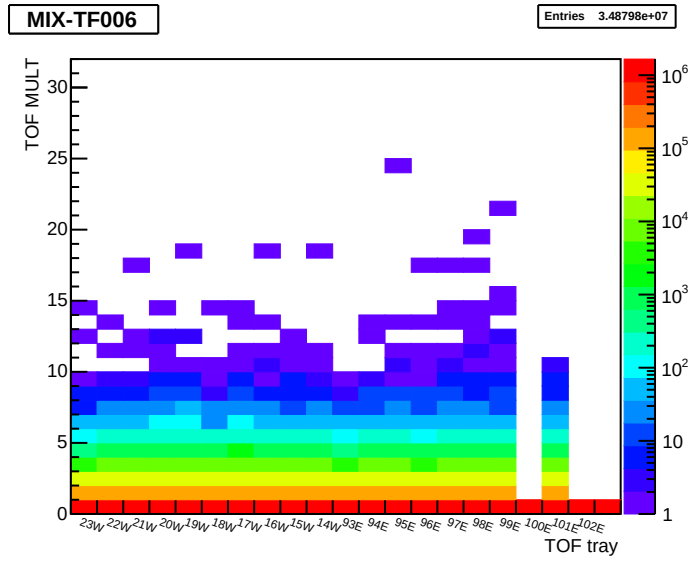

MIX-TF001
Entries 3.48798e+07
TOF MULT
TOF tray

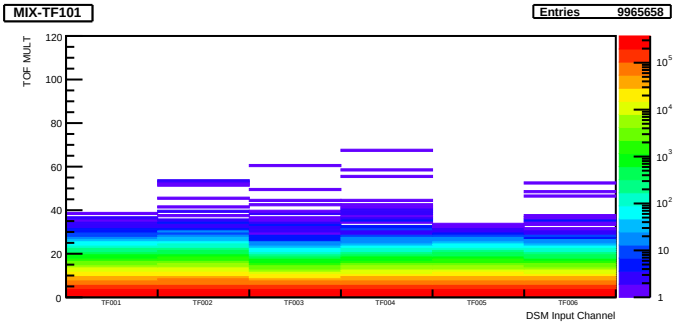

MIX-TF002
Entries 3.48798e+07
TOF MULT
TOF tray

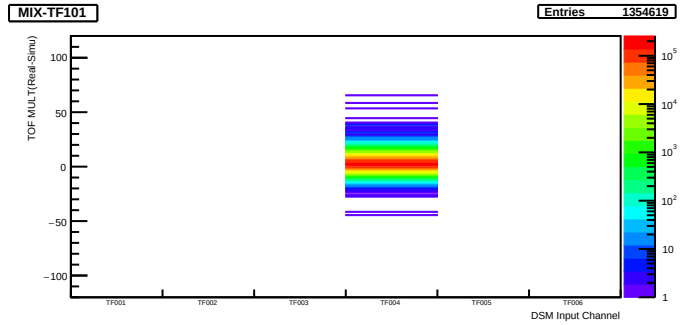

MIX-TF003
Entries 3.48798e+07
TOF MULT
TOF tray

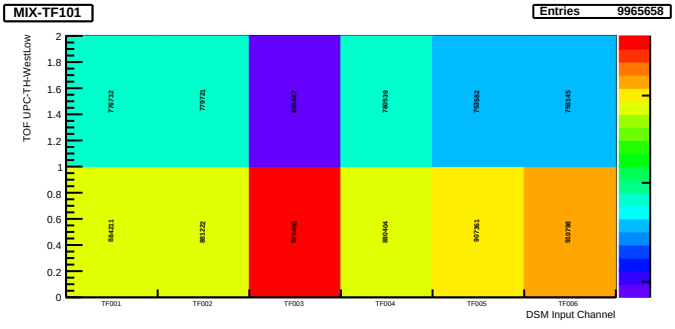

MIX-TF004
Entries 3.48798e+07
TOF MULT
TOF tray

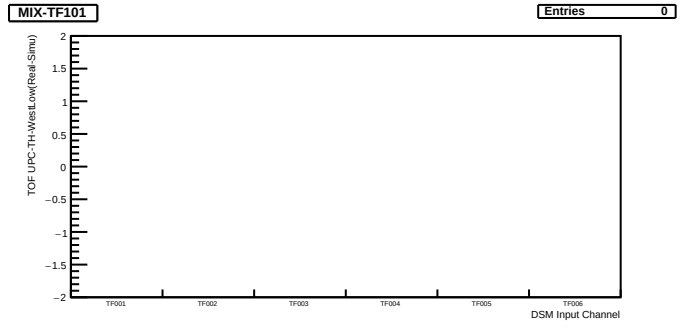

MIX-TF005
Entries 3.48798e+07
TOF MULT
TOF tray

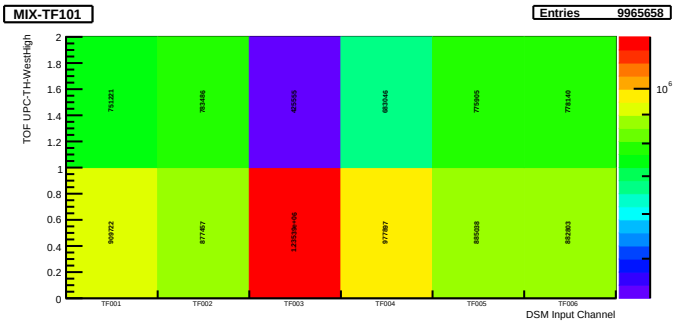

MIX-TF006
Entries 3.48798e+07
TOF MULT
TOF tray

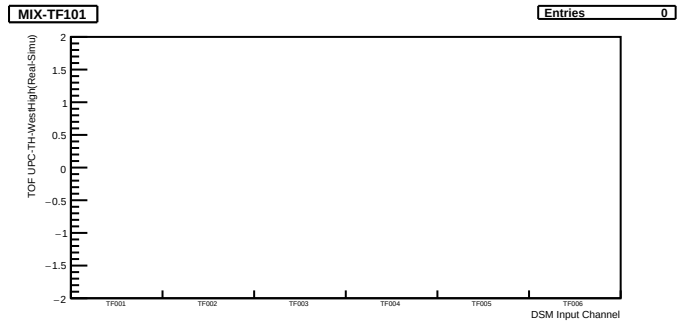

MIX-TF101
Entries 9965658
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

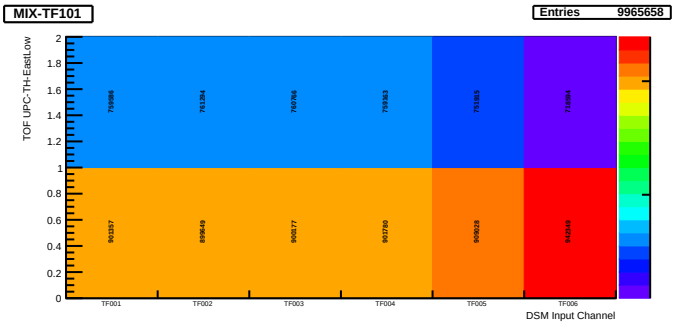

MIX-TF101
Entries 1354619
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

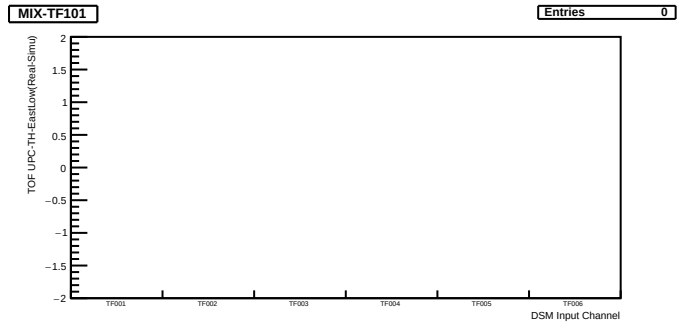

MIX-TF101
Entries 9965658
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

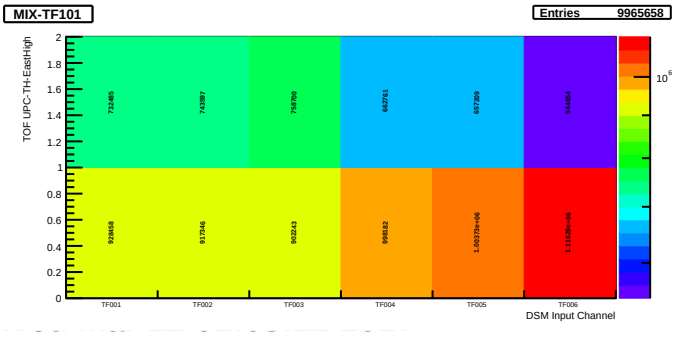

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

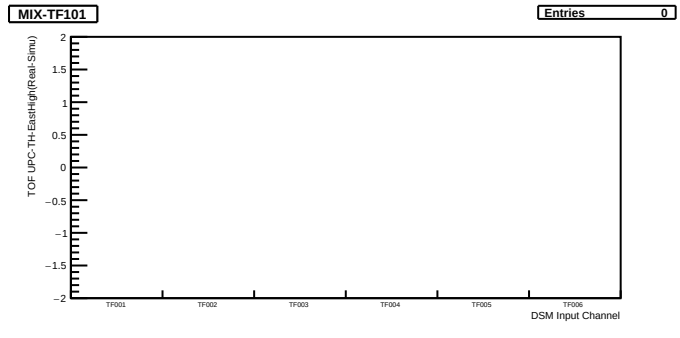

MIX-TF101
Entries 9965658
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

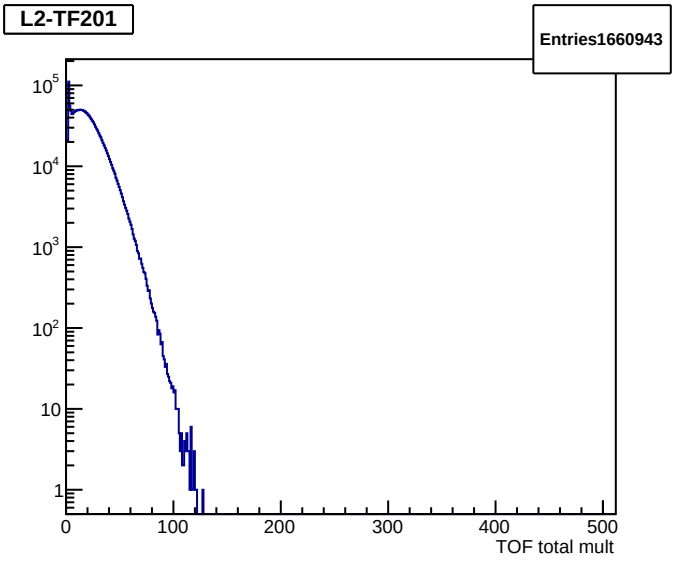

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

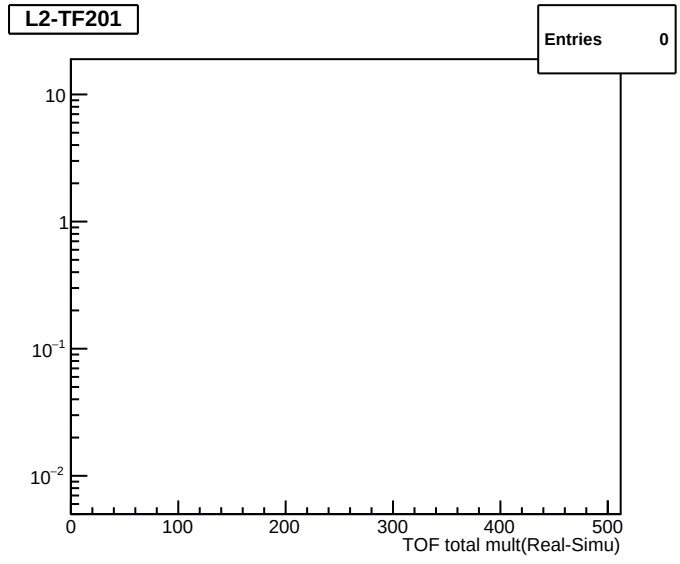

MIX-TF101
Entries 9965658
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

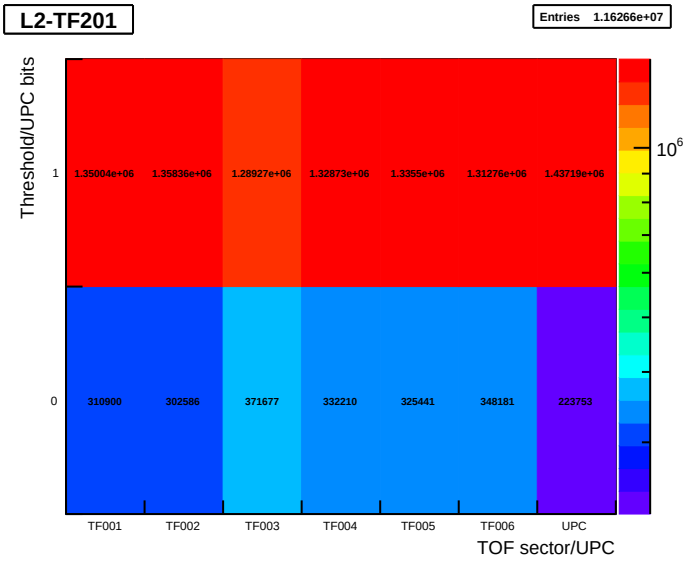

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

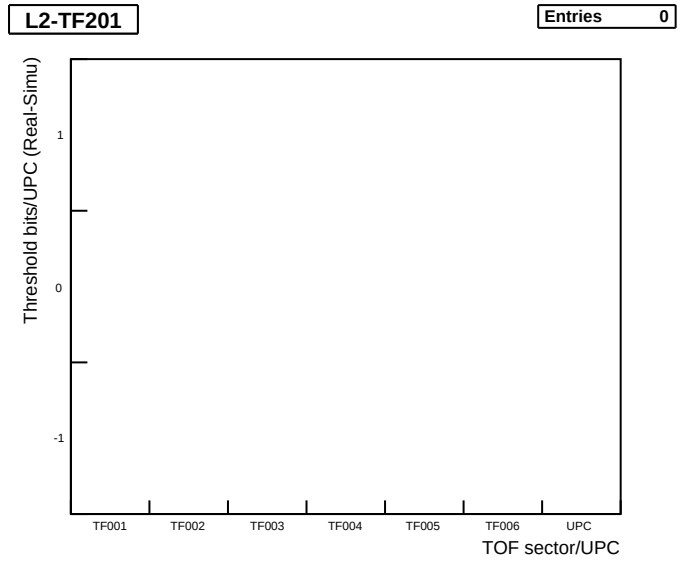

MIX-TF101
Entries 9965658
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

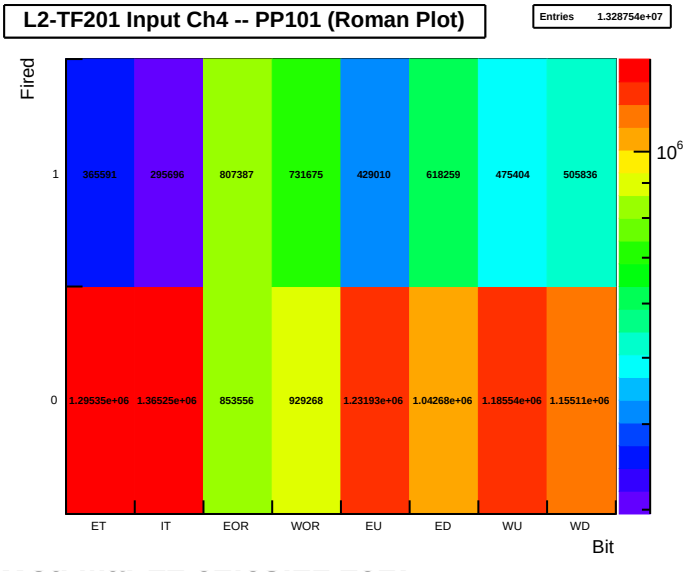

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

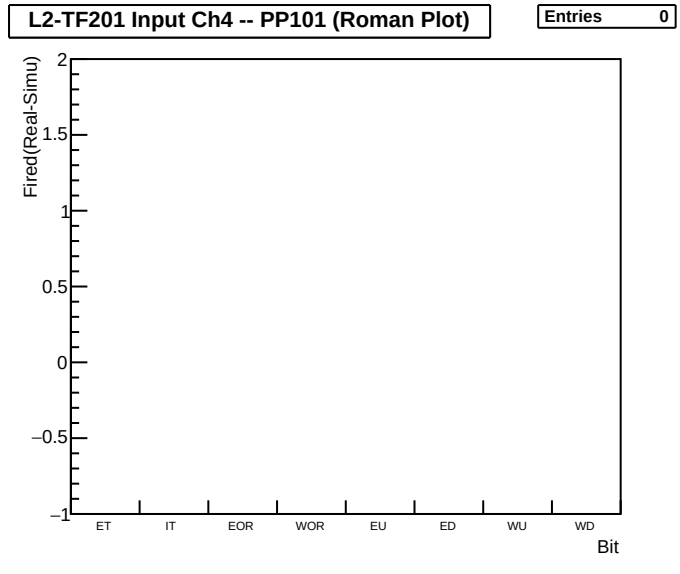

L2-TF201
Entries1660943
TOF total mult

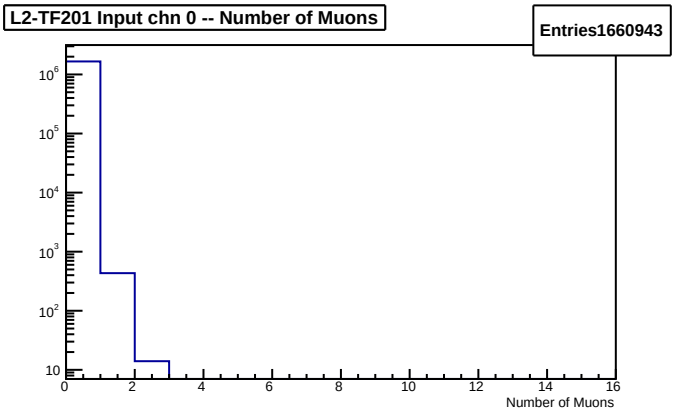

L2-TF201
Entries 0
TOF total mult(Real-Simu)

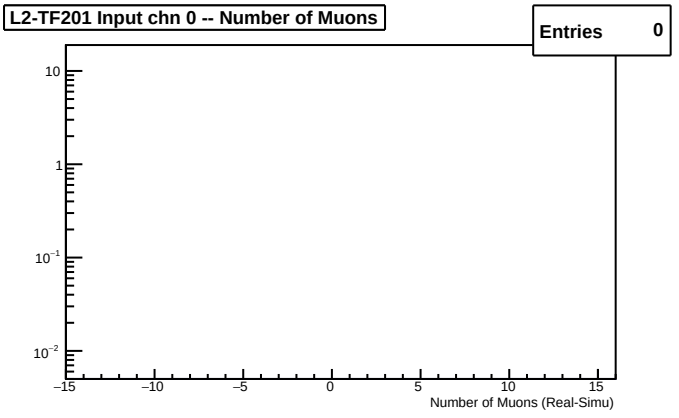

L2-TF201
Entries 1.16266e+07
Threshold/UPC bits
1.35004e+06
1.35836e+06
1.28927e+06
1.32873e+06
1.3355e+06
1.31276e+06
1.43719e+06
310900
302586
371677
332210
325441
348181
223753
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

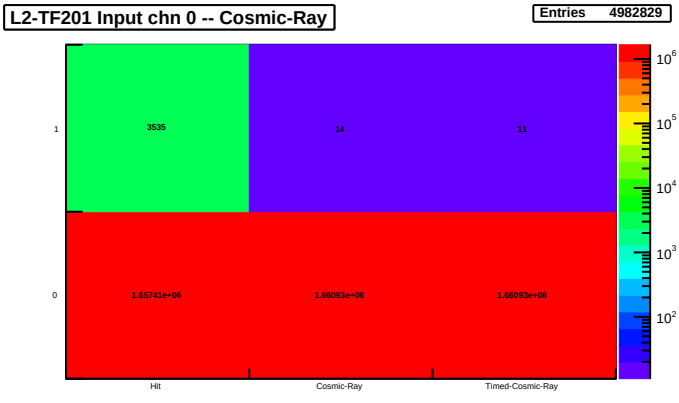

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

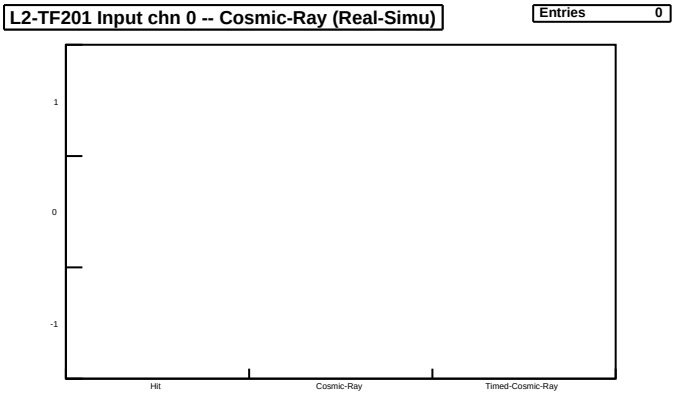

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 1.328754e+07
Fired
365591
295696
807387
731675
429010
618259
475404
505836
1.29535e+06
1.36525e+06
853556
929268
1.23193e+06
1.04268e+06
1.18554e+06
1.15511e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

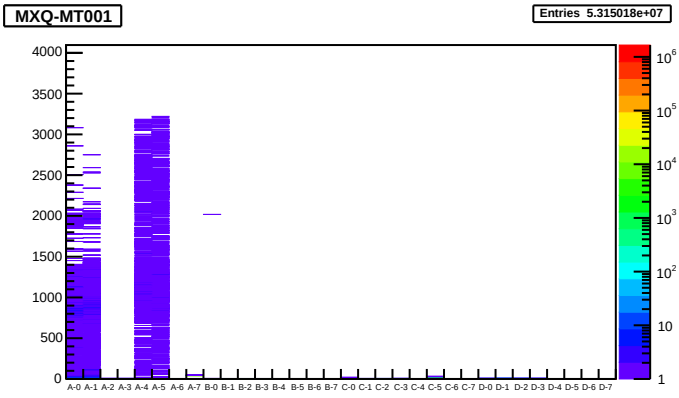

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

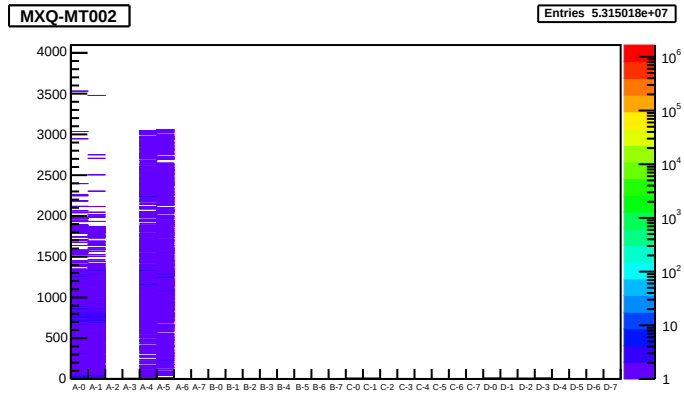

L2-TF201 Input chn 0 -- Number of Muons
Entries1660943
Number of Muons

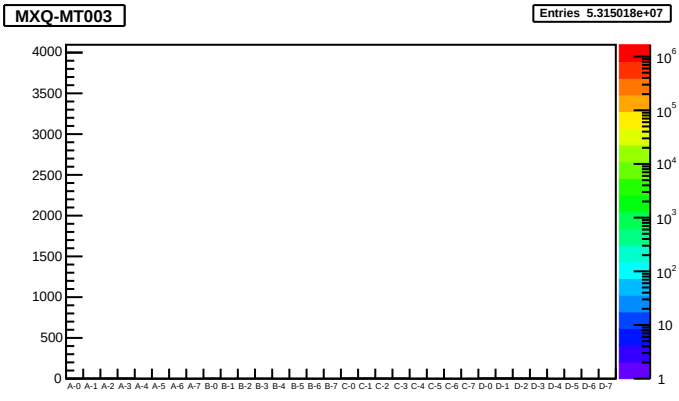

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

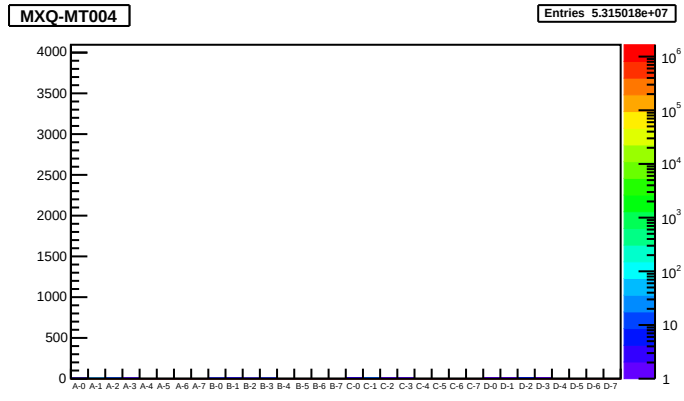

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 4982829
3535
14
11
1.65741e+06
1.66093e+06
1.66093e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

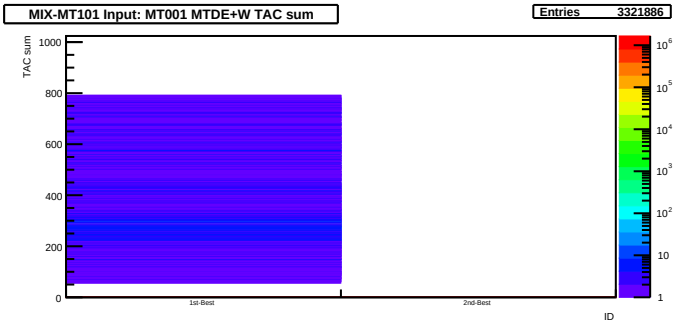

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

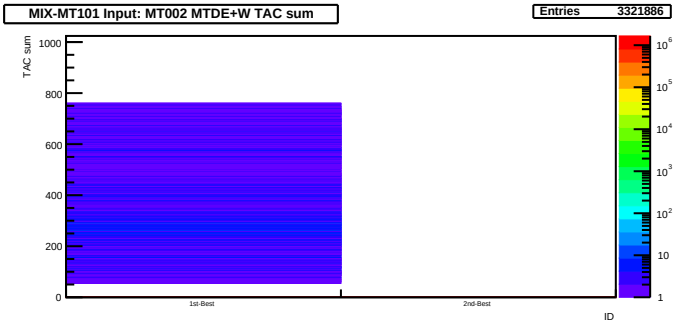

MXQ-MT001
Entries 5.315018e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

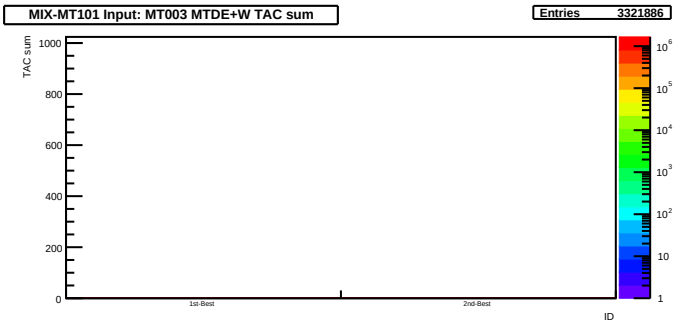

MXQ-MT002
Entries 5.315018e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

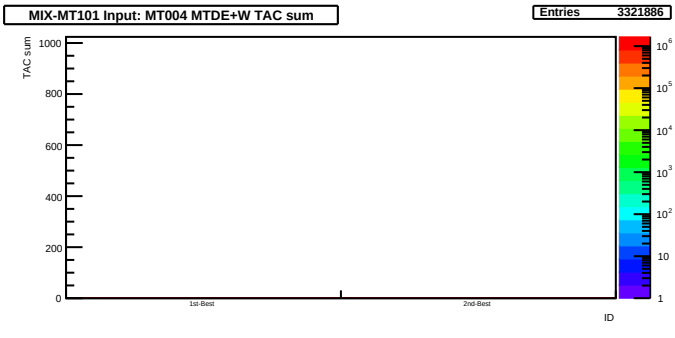

MXQ-MT003
Entries 5.315018e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

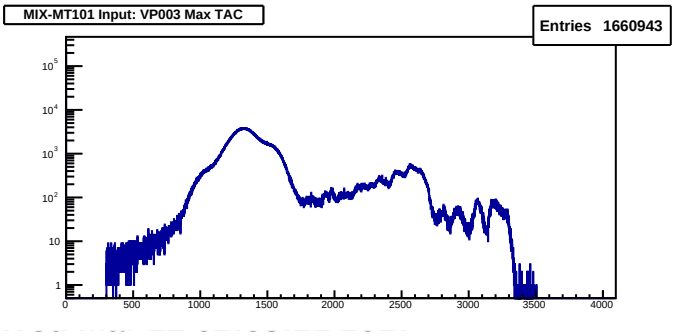

MXQ-MT004
Entries 5.315018e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

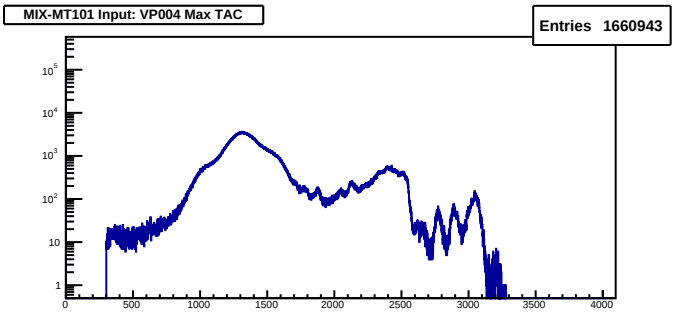

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 3321886
TAC sum
1st-Best
2nd-Best
ID

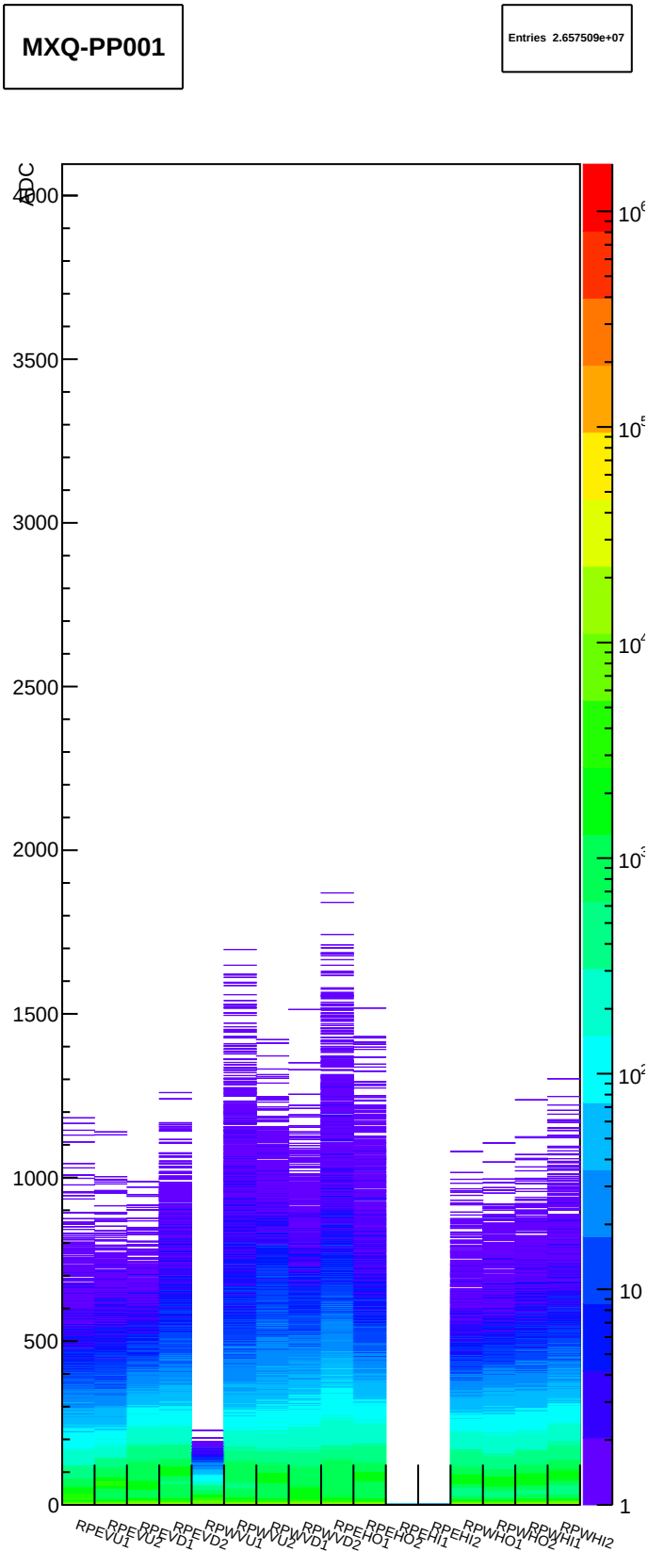

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 3321886
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 3321886
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 3321886
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: VP003 Max TAC
Entries 1660943


MIX-MT101 Input: VP004 Max TAC
Entries 1660943


MXQ-PP001
Entries 2.657509e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
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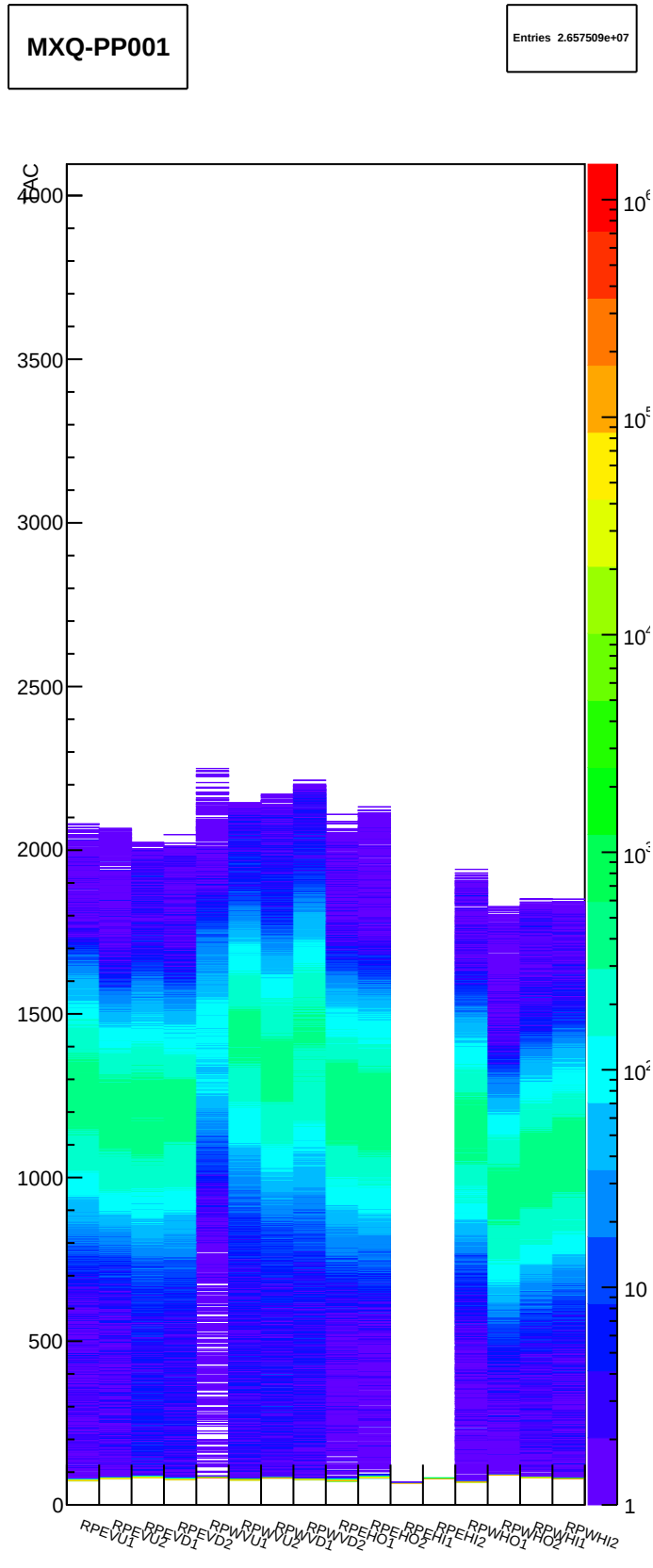
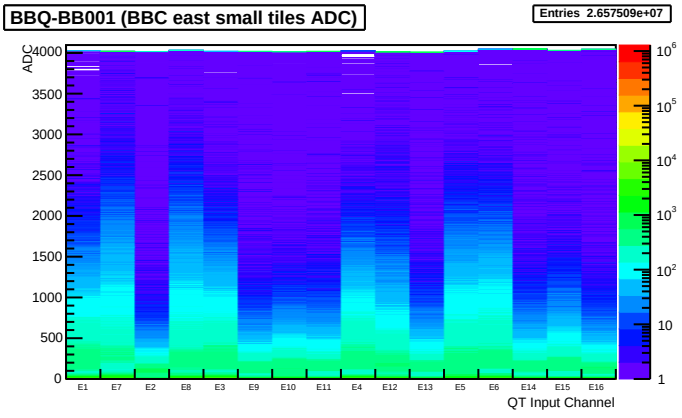
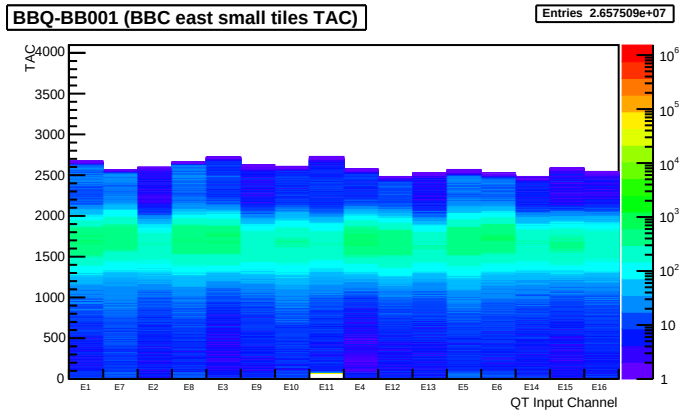
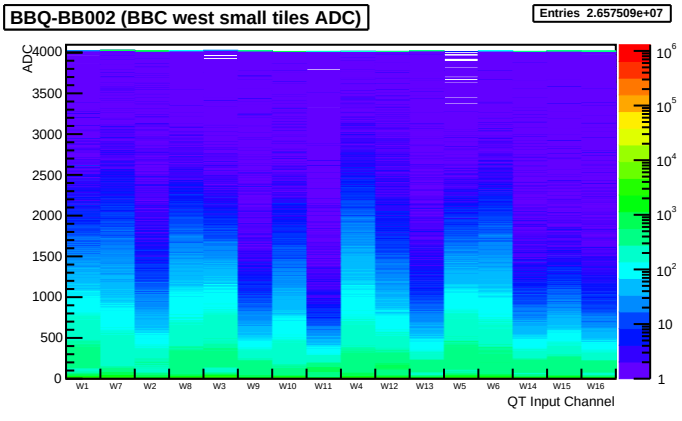
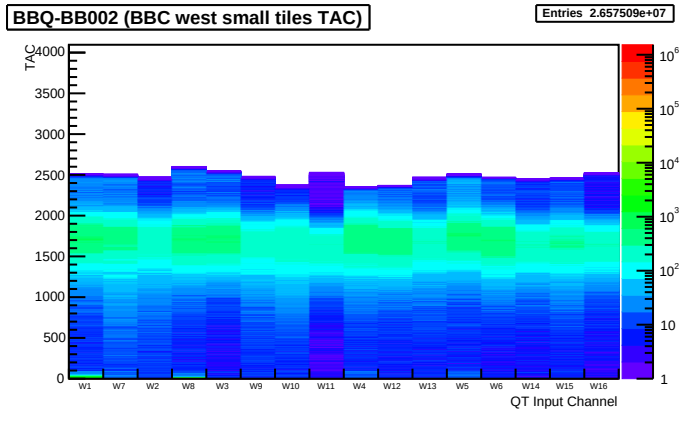
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

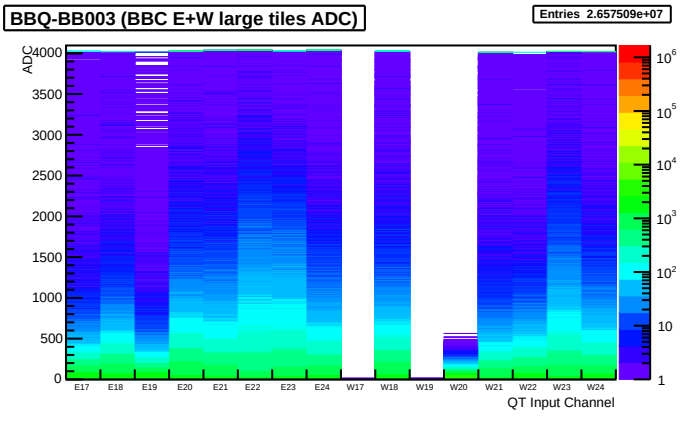

MXQ-PP001
Entries 2.657509e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

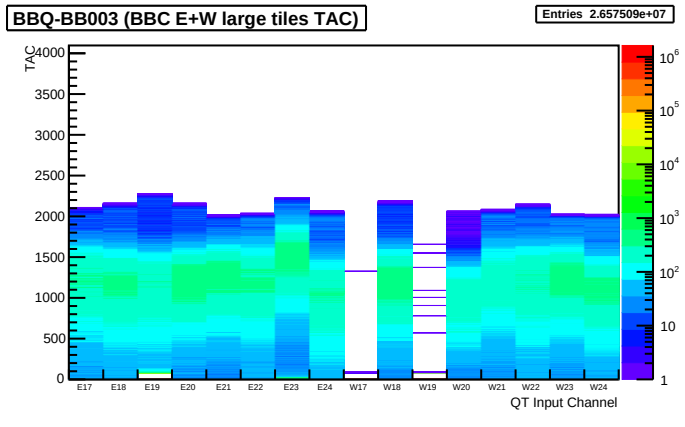

BBQ-BB001 (BBC east small tiles ADC)
Entries 2.657509e+07
ADC
QT Input Channel

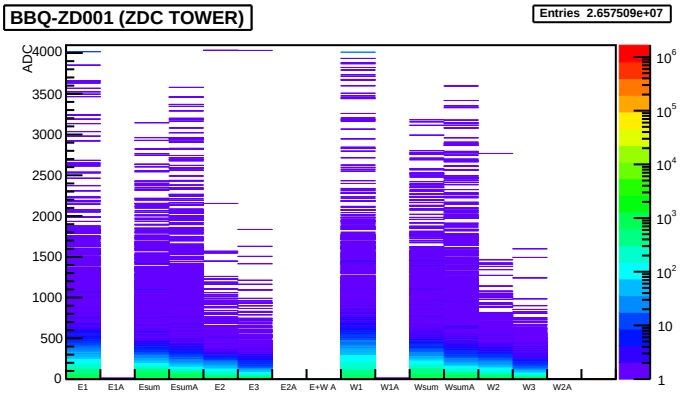

BBQ-BB001 (BBC east small tiles TAC)
Entries 2.657509e+07
TAC
QT Input Channel

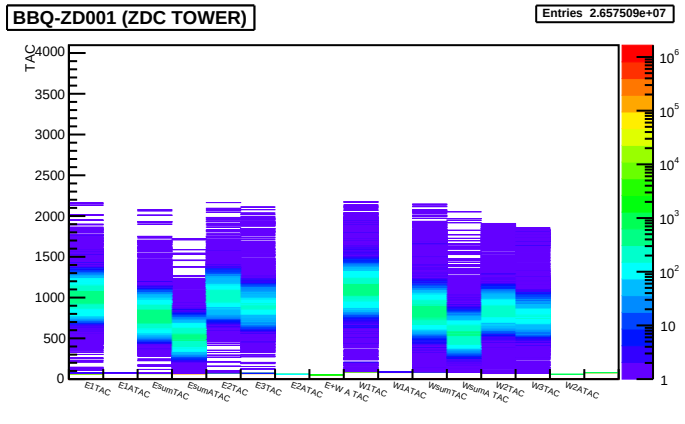

BBQ-BB002 (BBC west small tiles ADC)
Entries 2.657509e+07
ADC
QT Input Channel

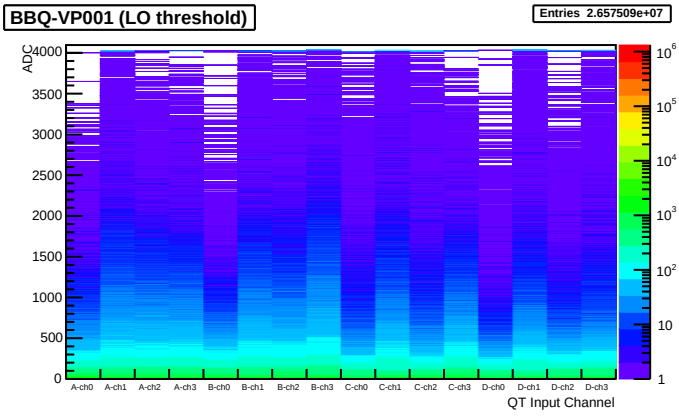

BBQ-BB002 (BBC west small tiles TAC)
Entries 2.657509e+07
TAC
QT Input Channel

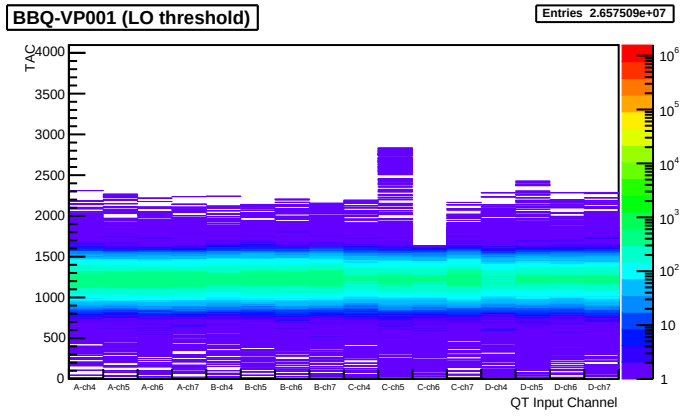

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 2.657509e+07
ADC
QT Input Channel

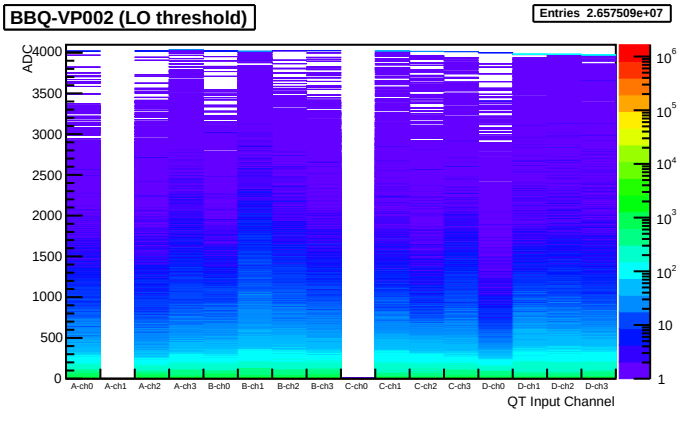

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 2.657509e+07
TAC
QT Input Channel

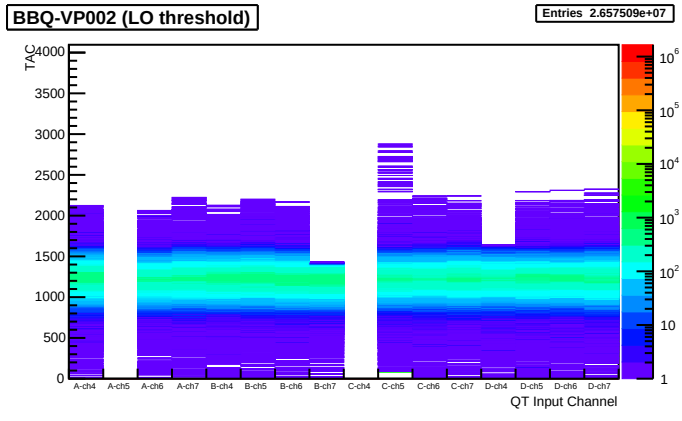

BBQ-ZD001 (ZDC TOWER)
Entries 2.657509e+07
ADC

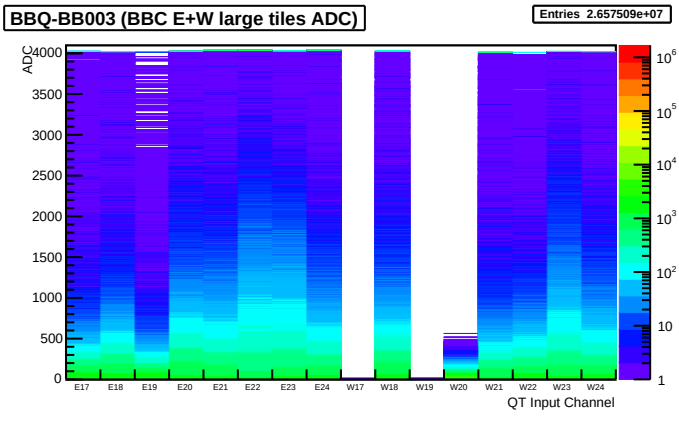

BBQ-ZD001 (ZDC TOWER)
Entries 2.657509e+07
TAC

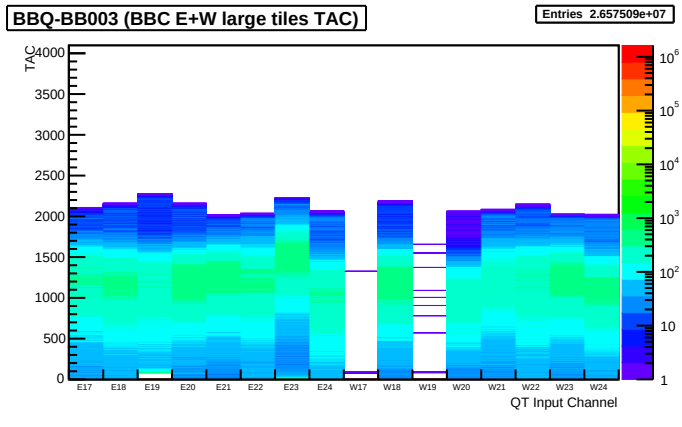

BBQ-VP001 (LO threshold)
Entries 2.657509e+07
ADC
QT Input Channel

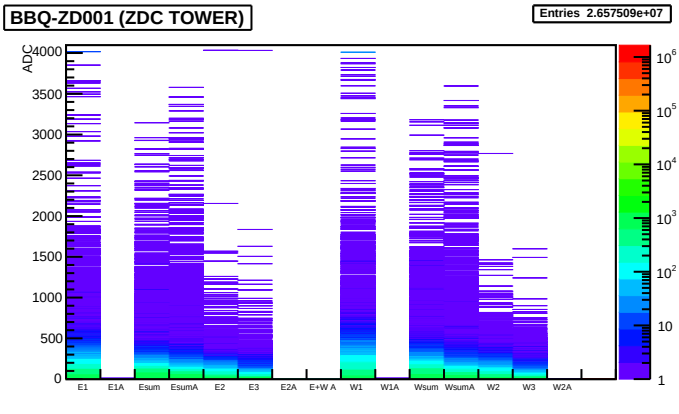

BBQ-VP001 (LO threshold)
Entries 2.657509e+07
TAC
QT Input Channel

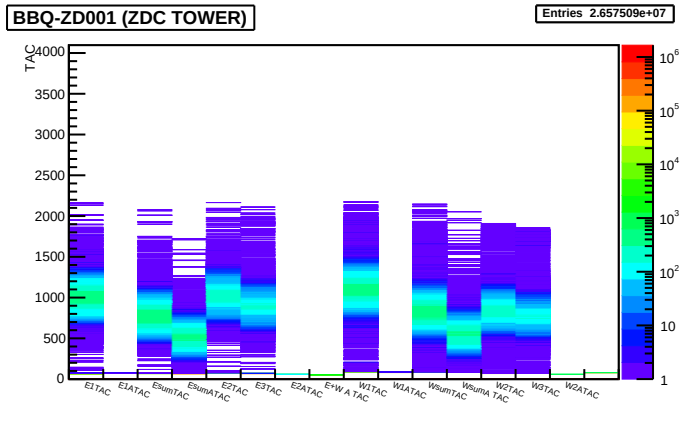

BBQ-VP002 (LO threshold)
Entries 2.657509e+07
ADC
QT Input Channel

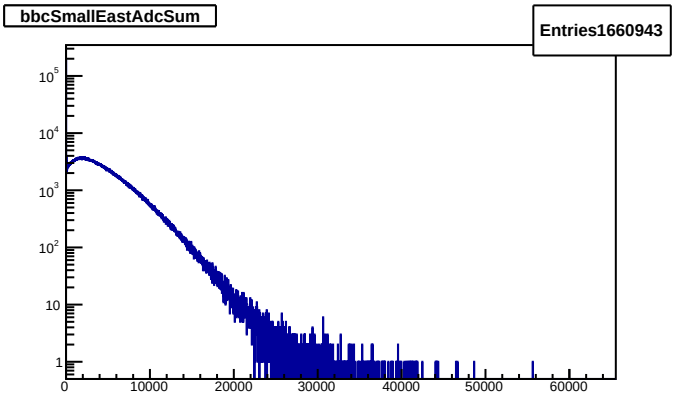

BBQ-VP002 (LO threshold)
Entries 2.657509e+07
TAC
QT Input Channel

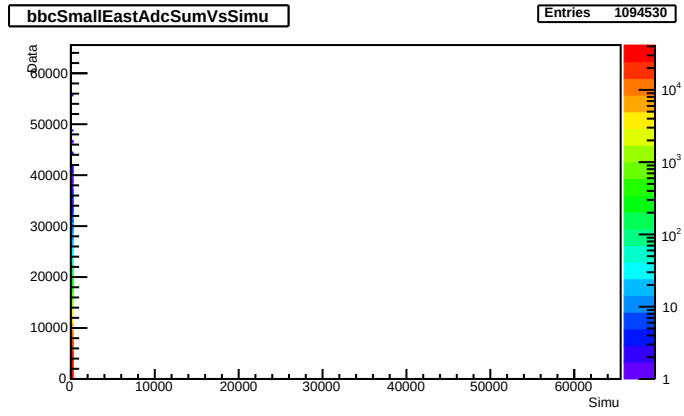

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 2.657509e+07
ADC
QT Input Channel

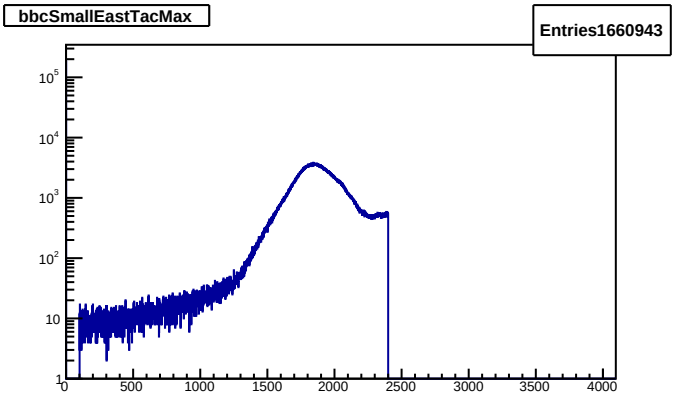

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 2.657509e+07
TAC
QT Input Channel

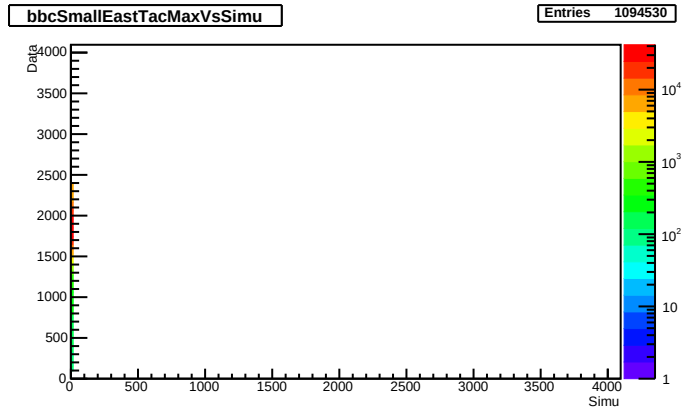

BBQ-ZD001 (ZDC TOWER)
Entries 2.657509e+07
ADC

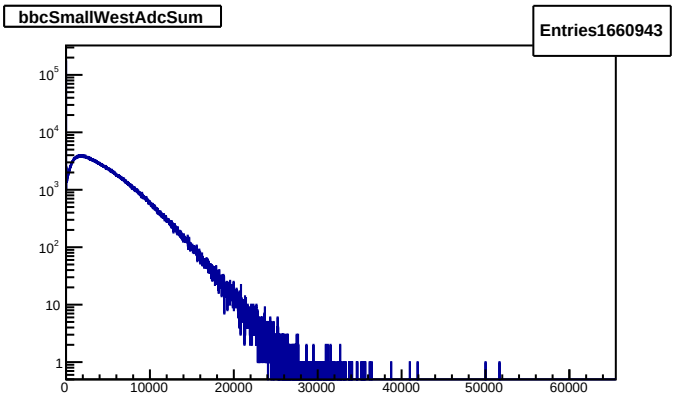

BBQ-ZD001 (ZDC TOWER)
Entries 2.657509e+07
TAC

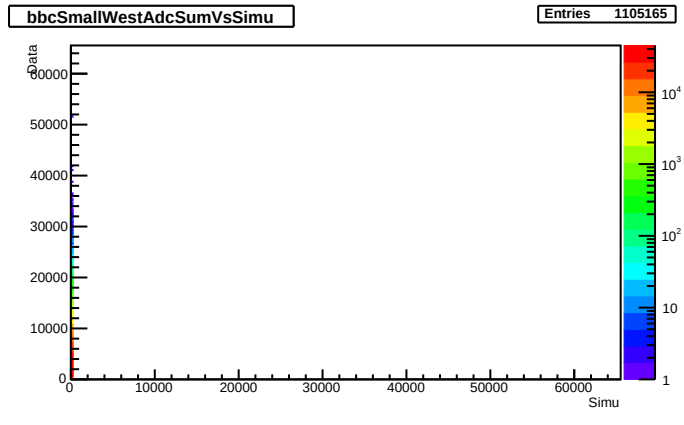

bbcSmallEastAdcSum
Entries1660943

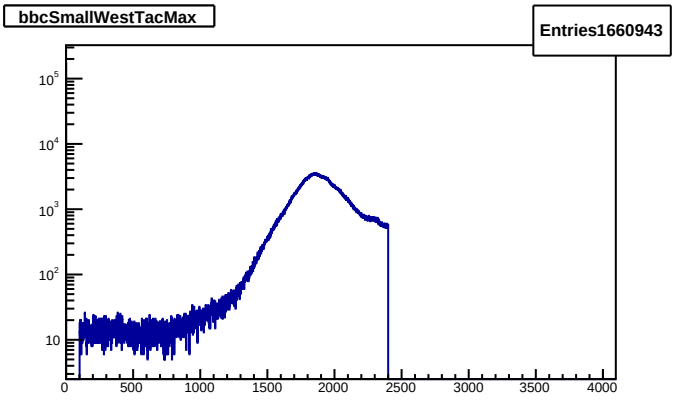

bbcSmallEastAdcSumVsSimu
Entries 1094530
Data
Simu

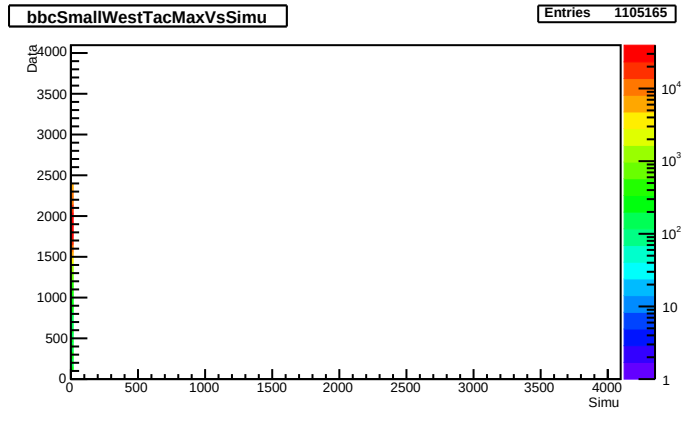

bbcSmallEastTacMax
Entries1660943

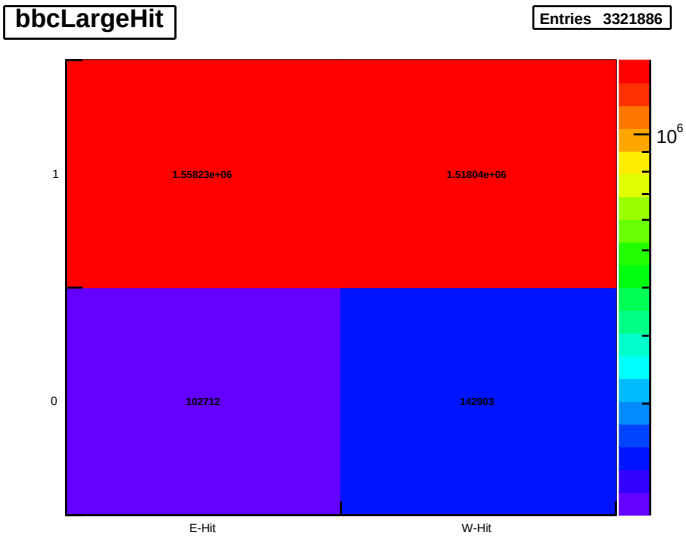

bbcSmallEastTacMaxVsSimu
Entries 1094530
Data
Simu

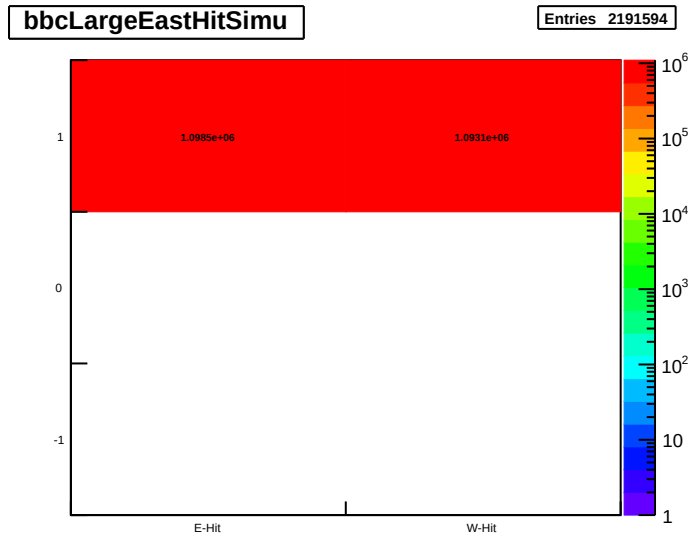

bbcSmallWestAdcSum
Entries1660943

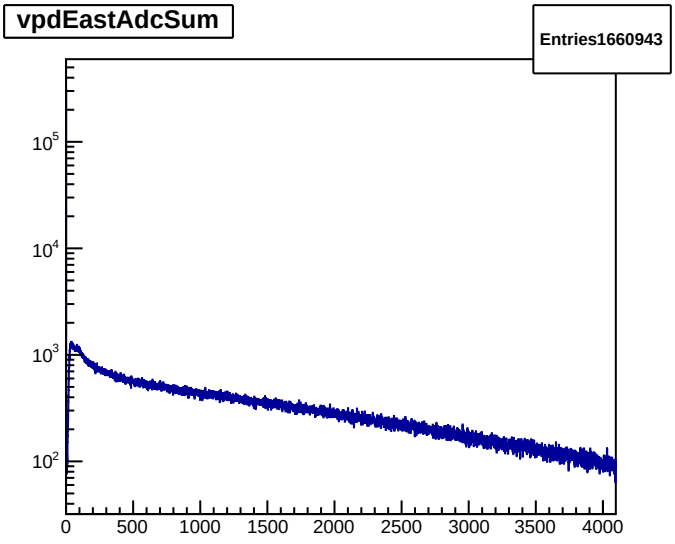

bbcSmallWestAdcSumVsSimu
Entries 1105165
Data
Simu

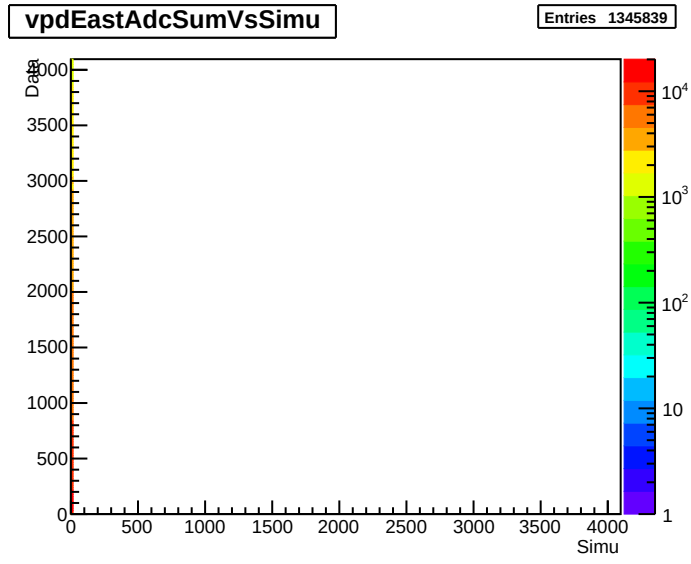

bbcSmallWestTacMax
Entries1660943

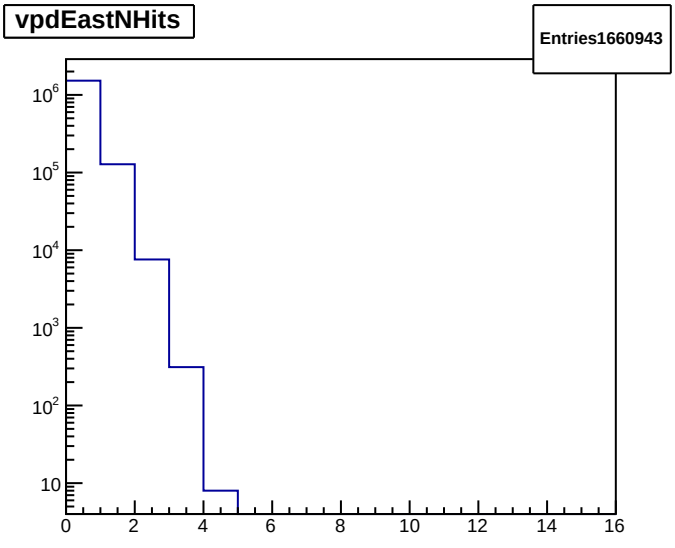

bbcSmallWestTacMaxVsSimu
Entries 1105165
Data
Simu

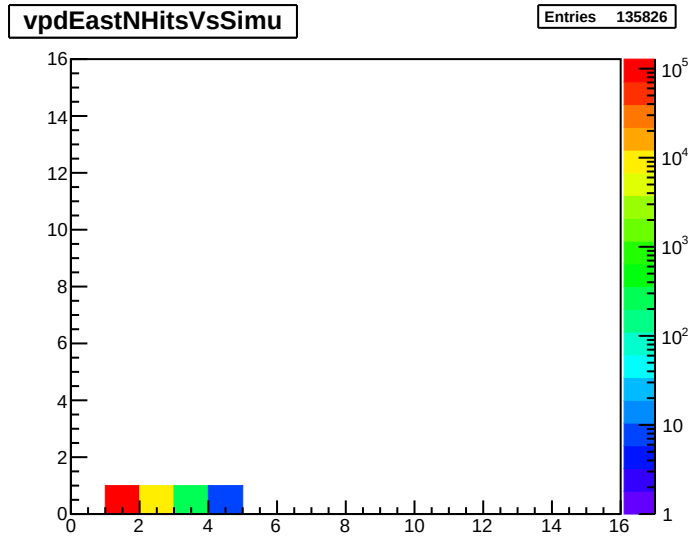

bbcLargeHit
Entries 3321886
1.55823e+06
1.51804e+06
102712
142903
1
0
E-Hit
W-Hit
10^6

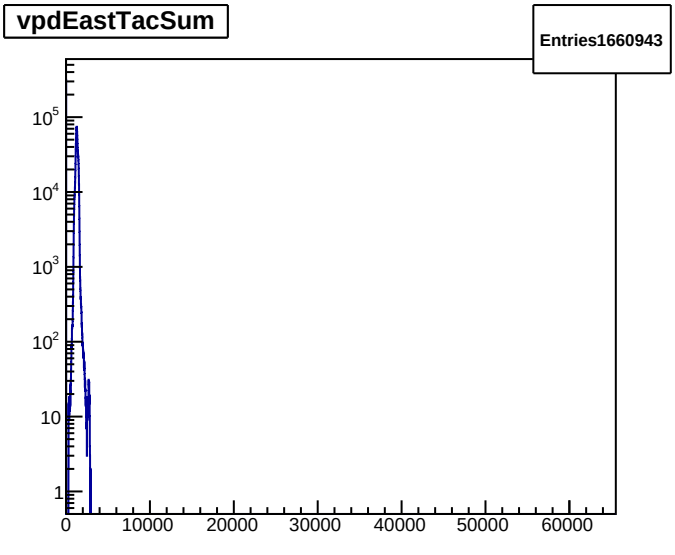

bbcLargeEastHitSimu
Entries 2191594
1.0985e+06
1.0931e+06
1
0
-1
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

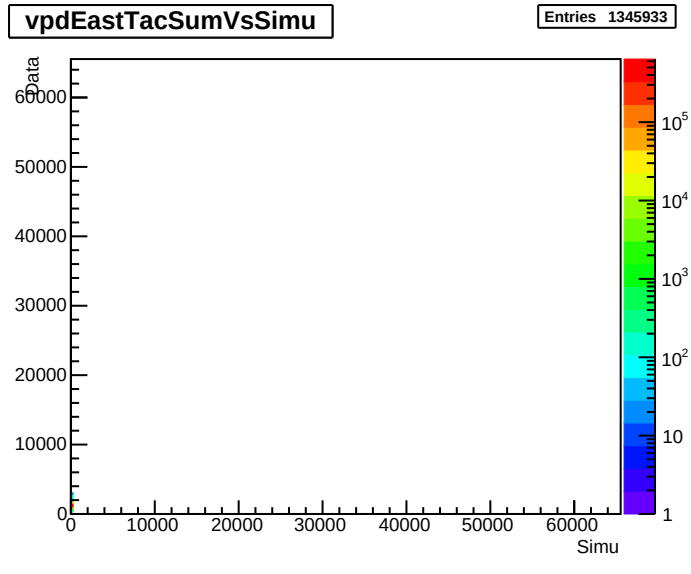

vpdEastAdcSum
Entries1660943

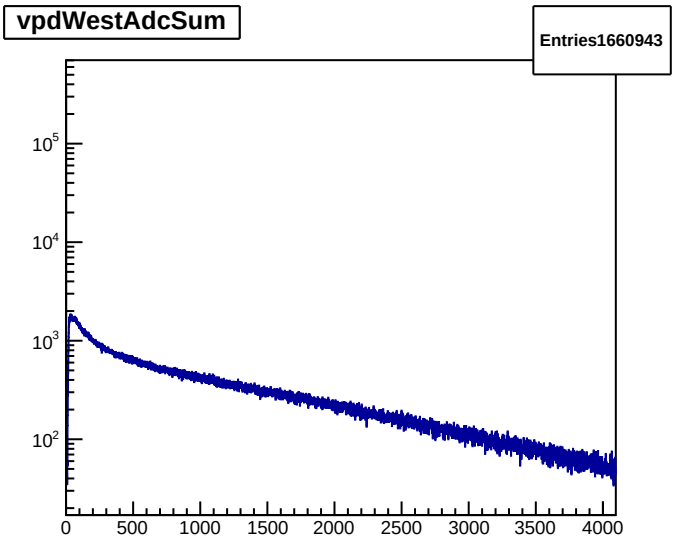

vpdEastAdcSumVsSimu
Entries 1345839
Data
Simu

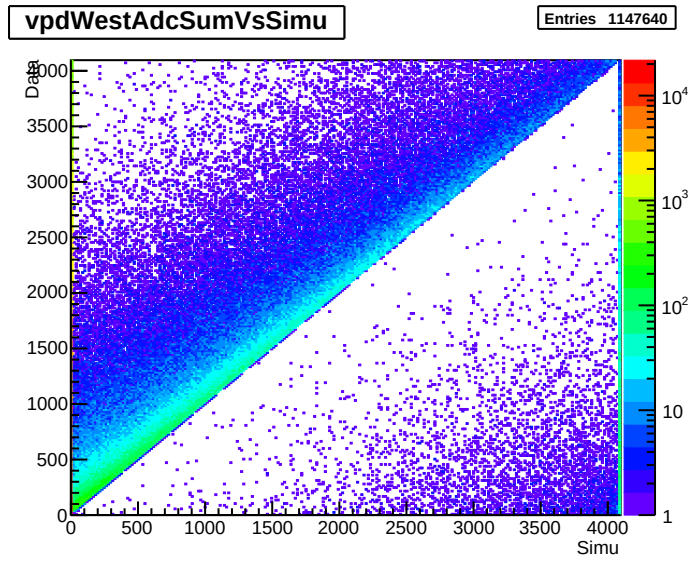

vpdEastNHits
Entries1660943

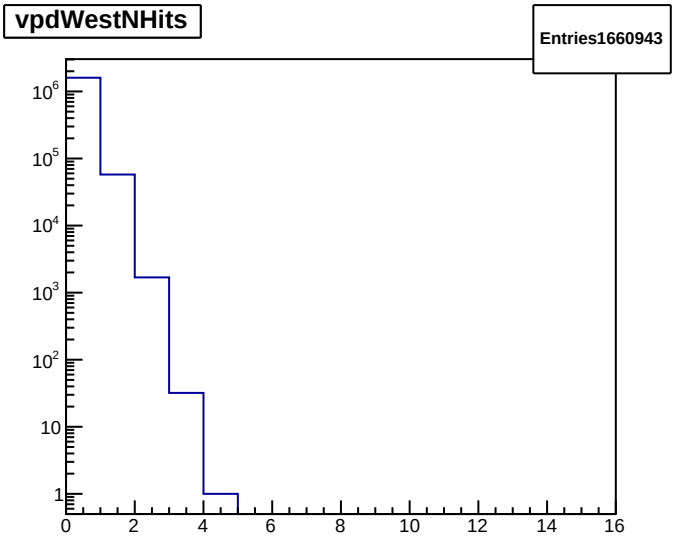

vpdEastNHitsVsSimu
Entries 135826

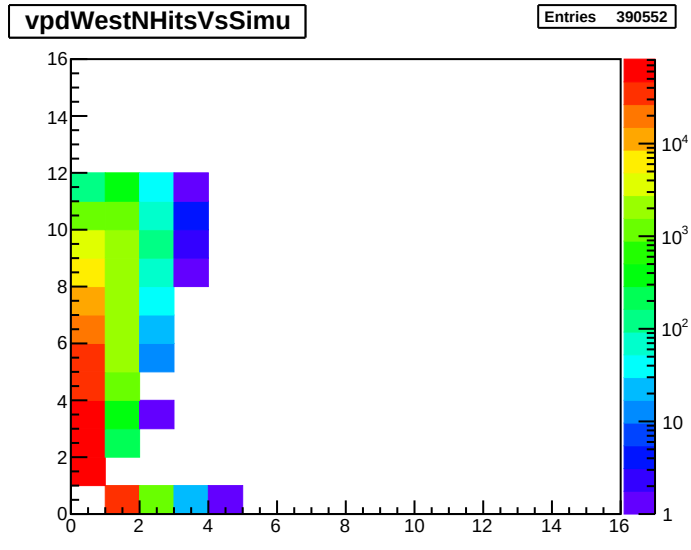

vpdEastTacSum
Entries1660943

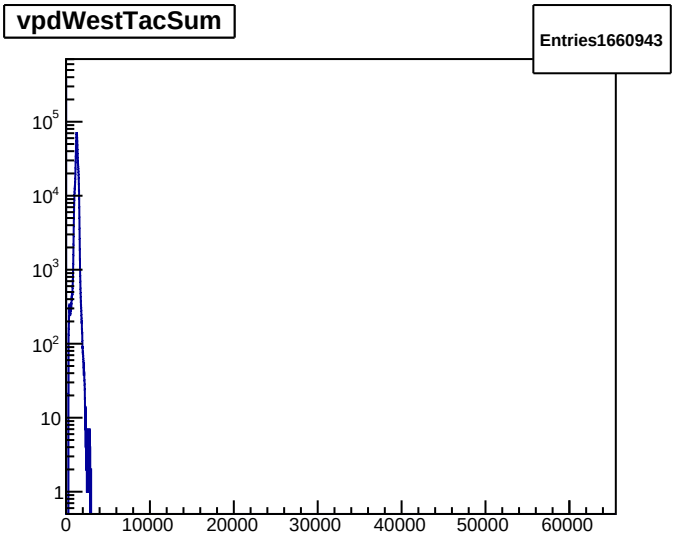

vpdEastTacSumVsSimu
Entries 1345933
Data
Simu

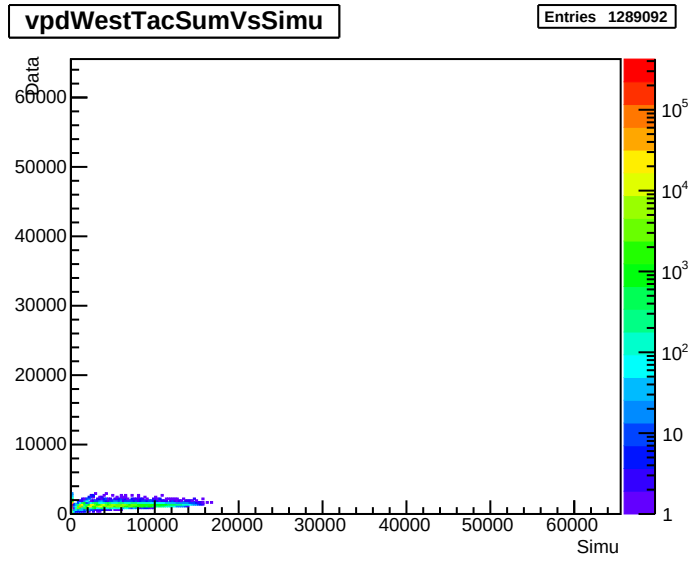

vpdWestAdcSum
Entries1660943

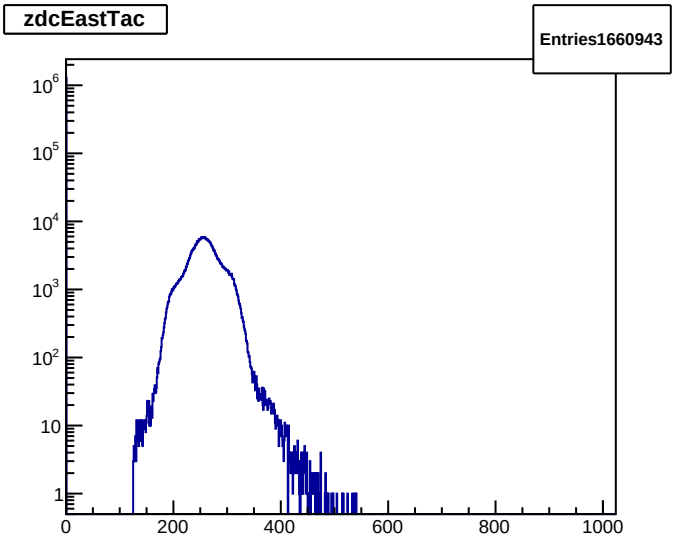

vpdWestAdcSumVsSimu
Entries 1147640
Data
Simu

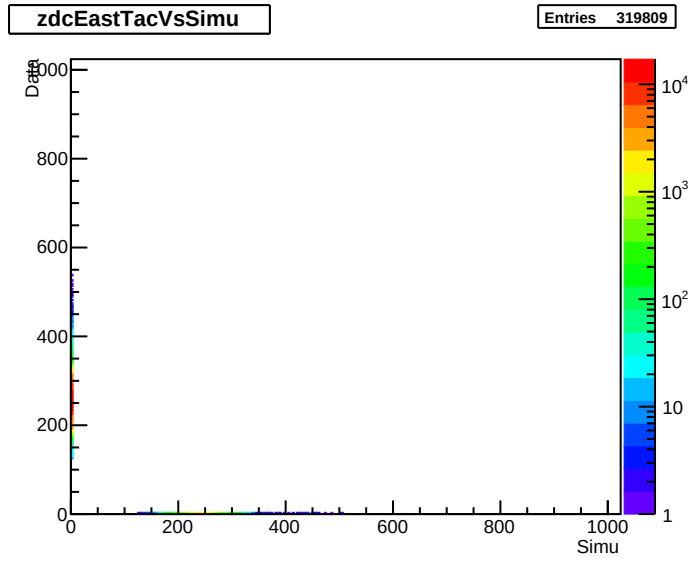

vpdWestNHits
Entries1660943

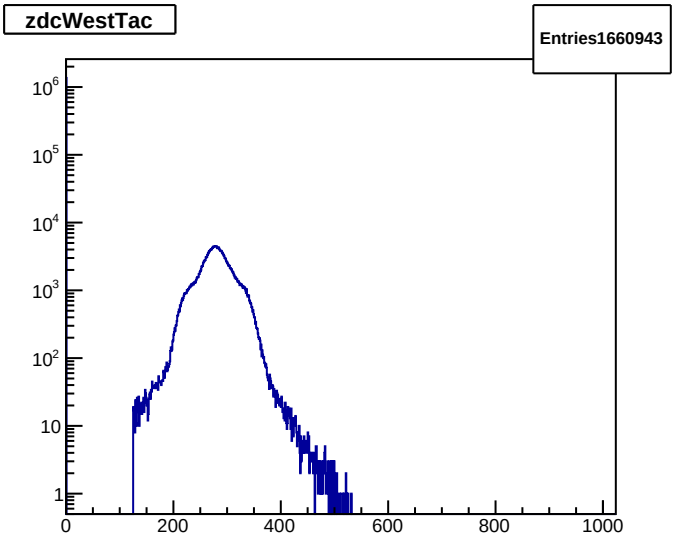

vpdWestNHitsVsSimu
Entries 390552

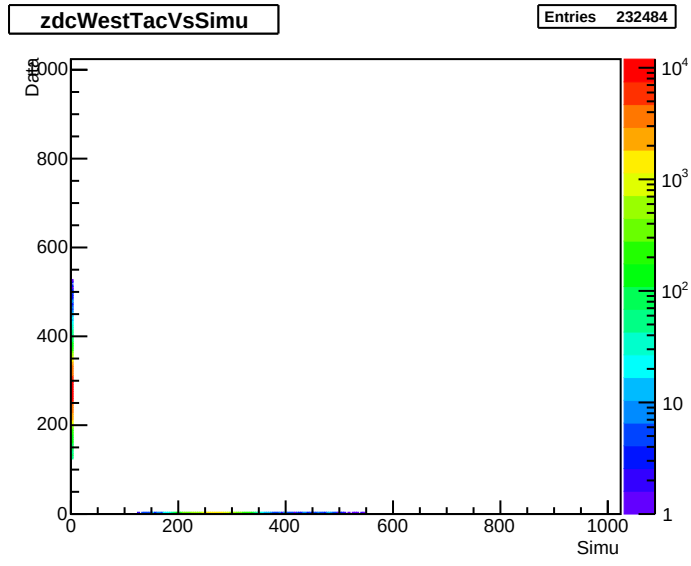

vpdWestTacSum
Entries1660943

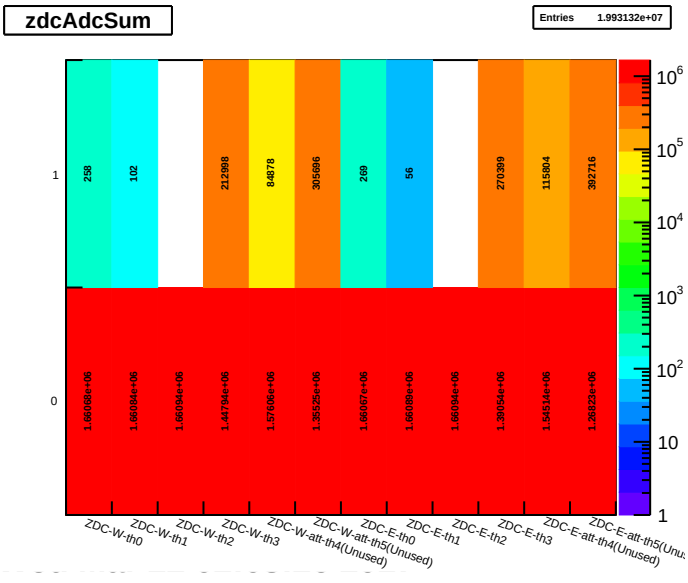

vpdWestTacSumVsSimu
Entries 1289092
Data
Simu

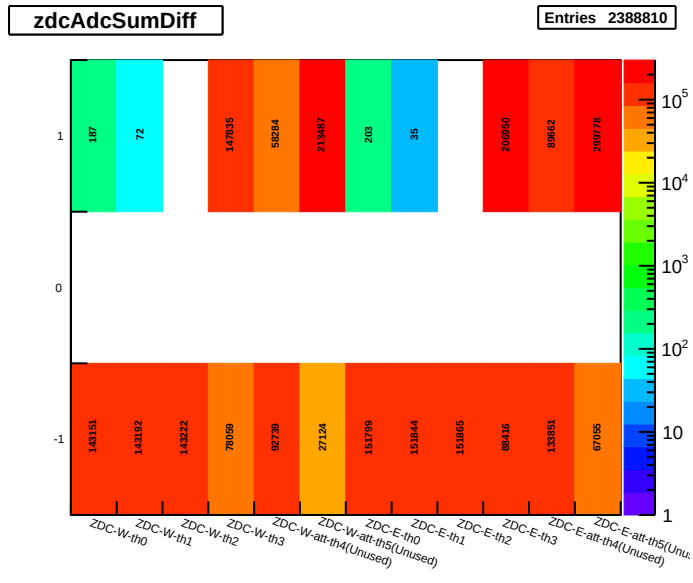

zdcEastTac
Entries1660943

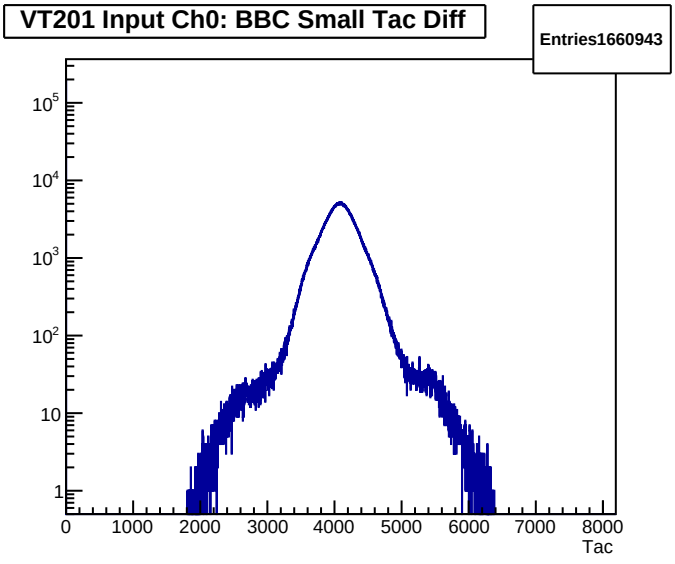

zdcEastTacVsSimu
Entries 319809
Data
Simu

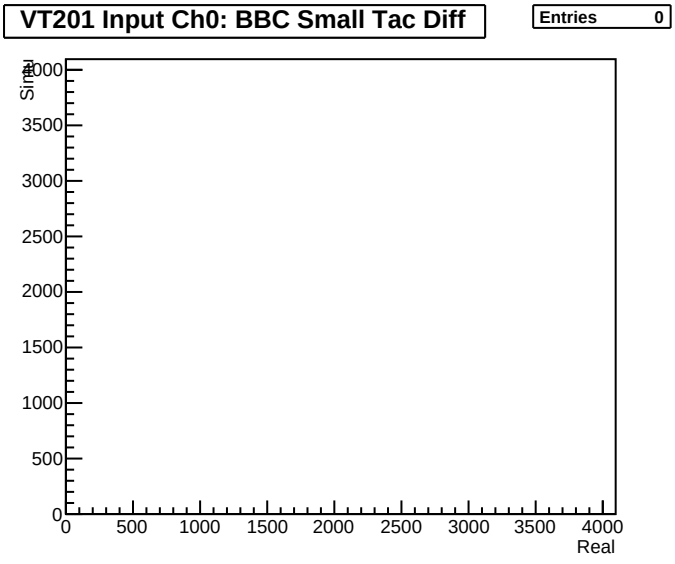

zdcWestTac
Entries1660943

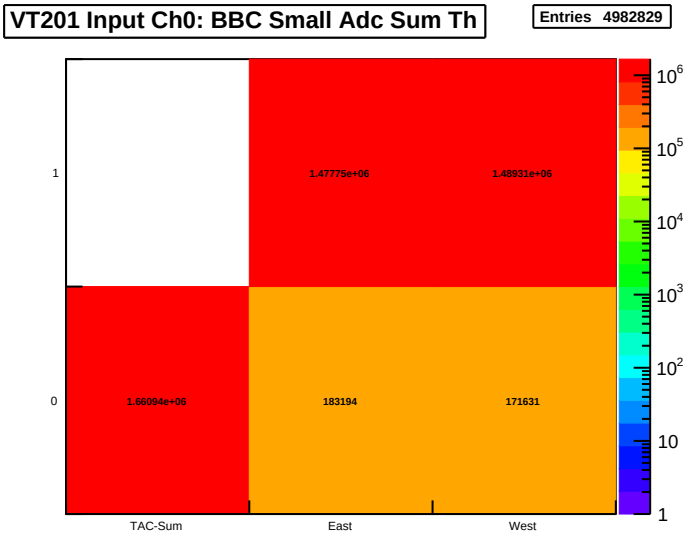

zdcWestTacVsSimu
Entries 232484
Data
Simu

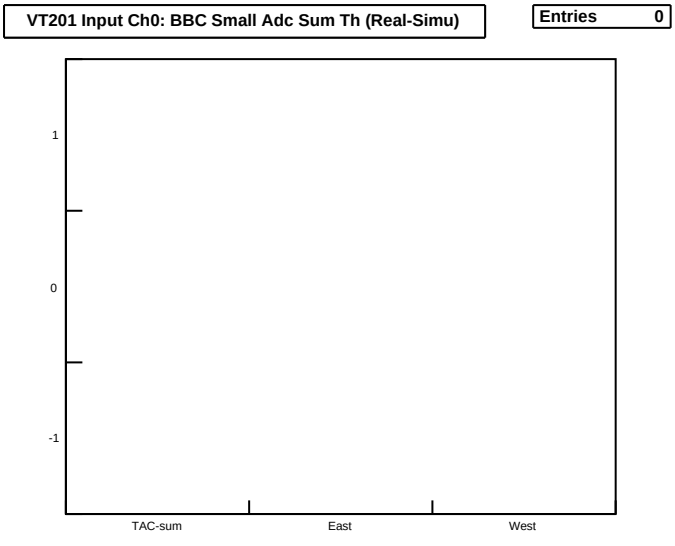

zdcAdcSum
Entries 1.993132e+07
258
102
212998
84878
305696
269
56
270399
115804
392716
1.66068e+06
1.66084e+06
1.66094e+06
1.44794e+06
1.57606e+06
1.39525e+06
1.66067e+06
1.66088e+06
1.66094e+06
1.38054e+06
1.54514e+06
1.26822e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

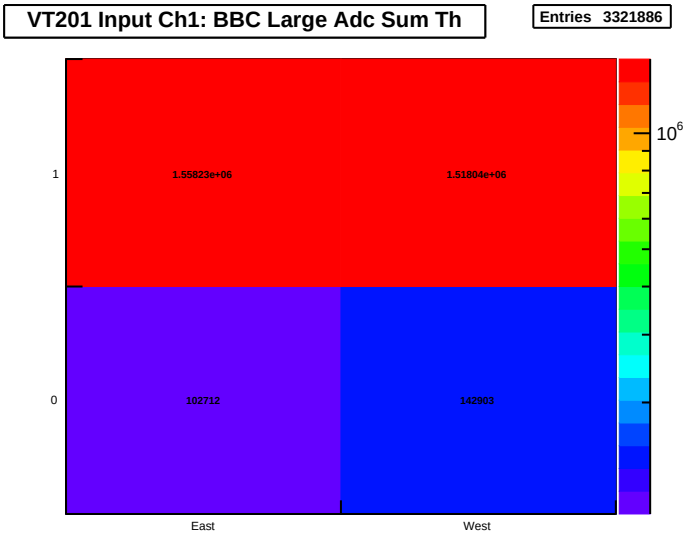

zdcAdcSumDiff
Entries 2388810
167
72
147835
58284
213487
203
35
206950
89662
299778
143151
143192
143222
78059
92739
27124
151799
151844
151865
88416
133851
67055
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

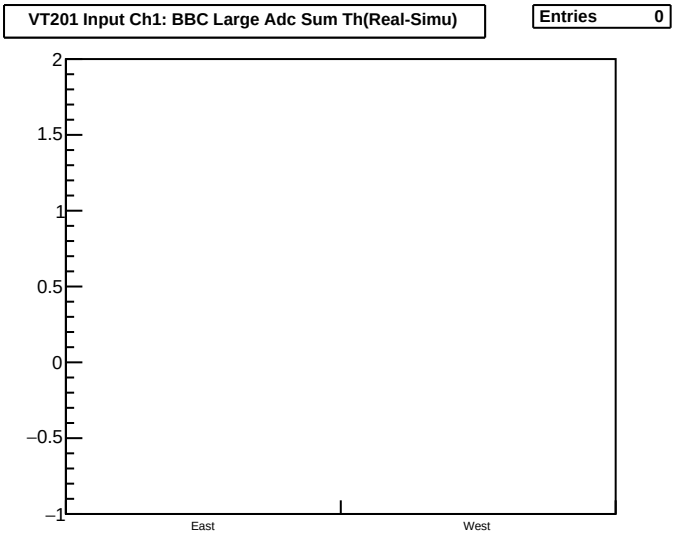

VT201 Input Ch0: BBC Small Tac Diff
Entries1660943
Tac


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

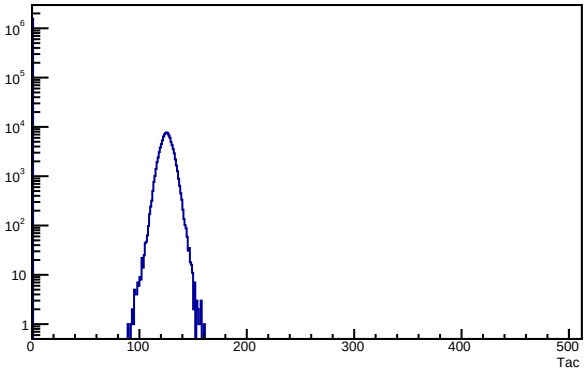

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 4982829
1.47775e+06
1.48931e+06
1.66094e+06
183194
171631
TAC-Sum
East
West


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

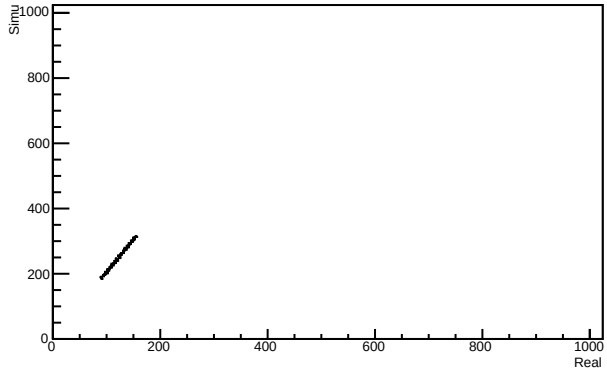

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 3321886
1.55823e+06
1.51804e+06
102712
142903
East
West


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

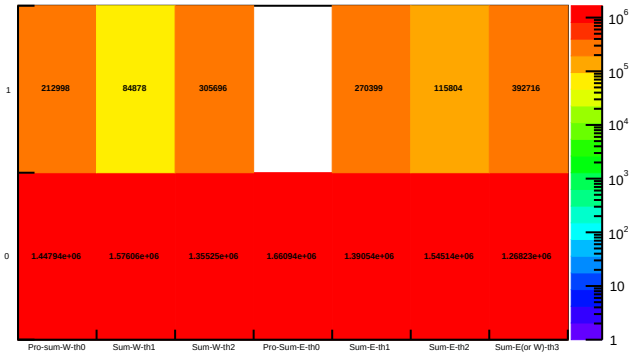
VT201 Input Ch2: ZDC Tac Diff



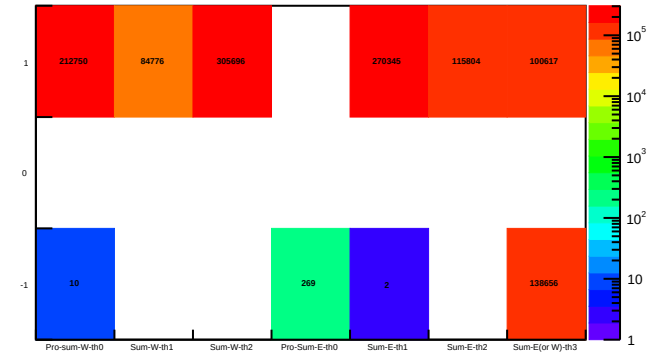
VT201 Input Ch2: ZDC Tac Diff



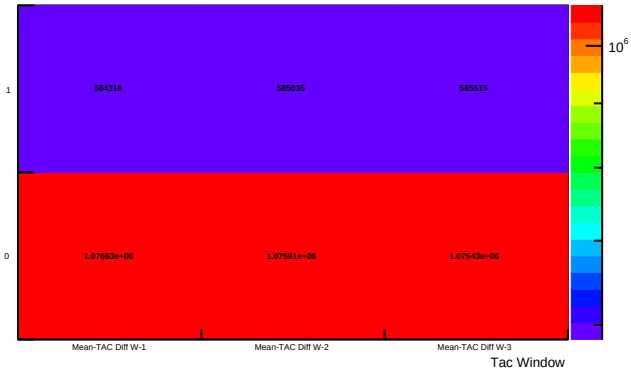
VT201 Input Ch2: ZDC Adc Sum Th



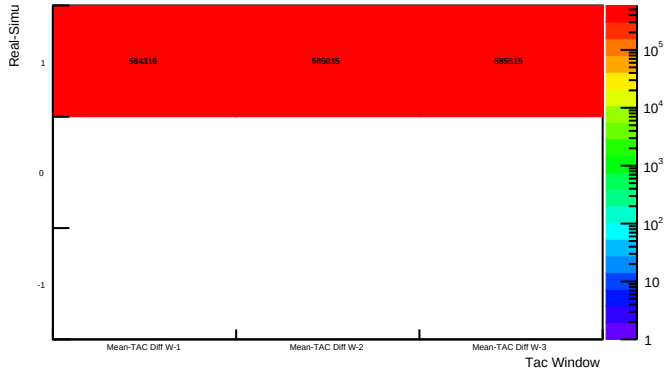
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



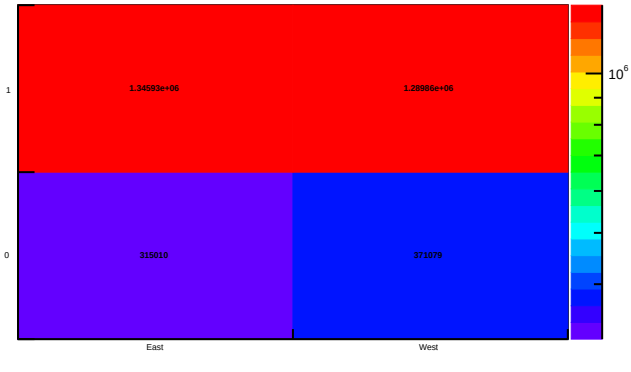
VT201 Input Ch4: VPD Tac Diff



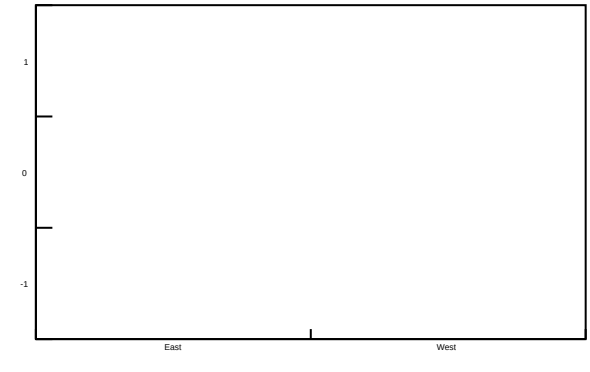
VT201 Input Ch4: VPD Tac Diff

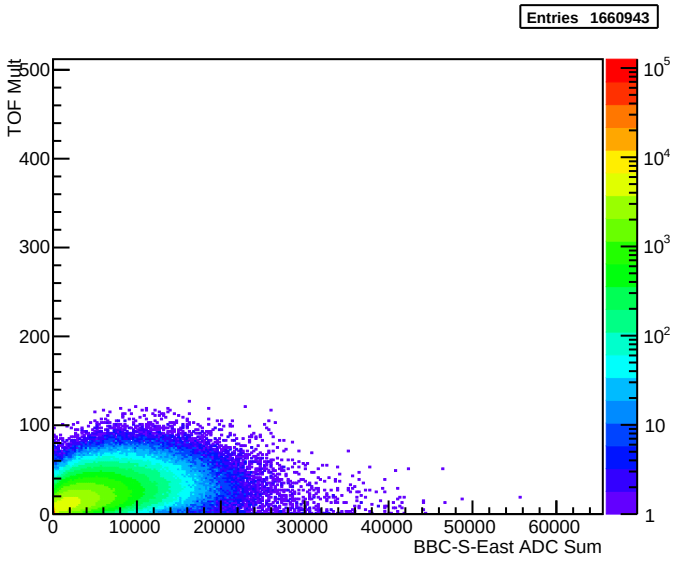


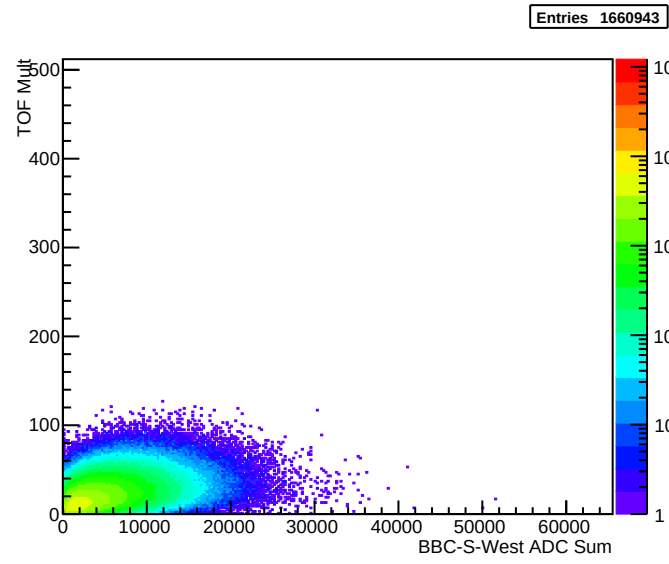
VT201 Input Ch4: VPD Adc Sum Th

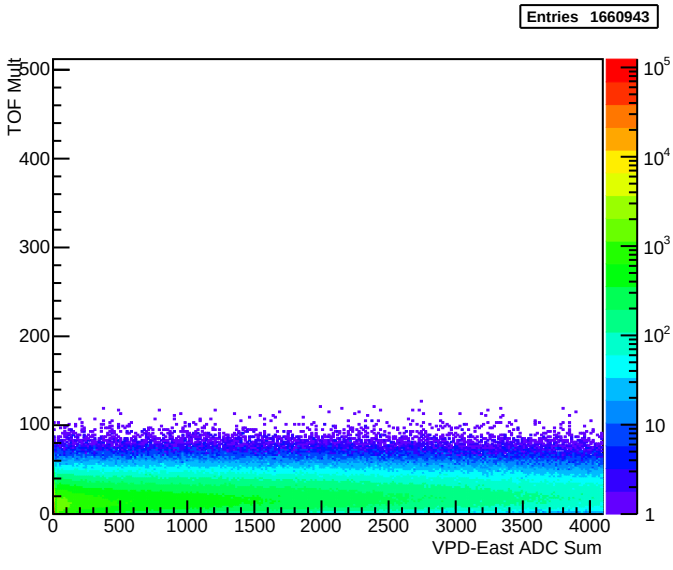


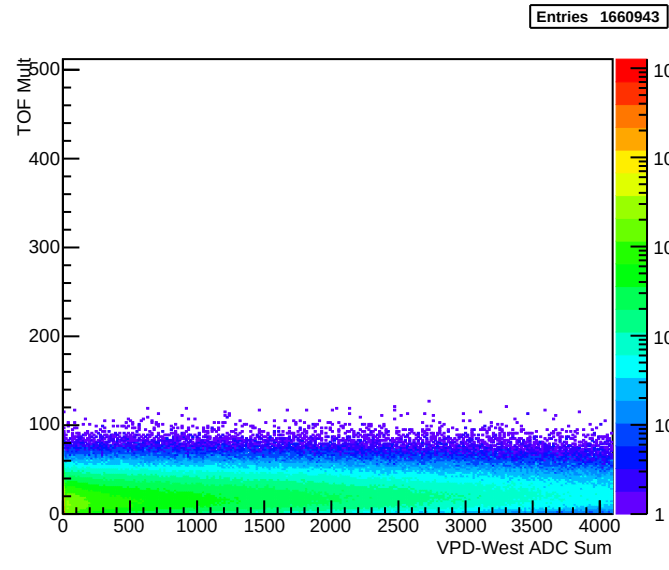
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

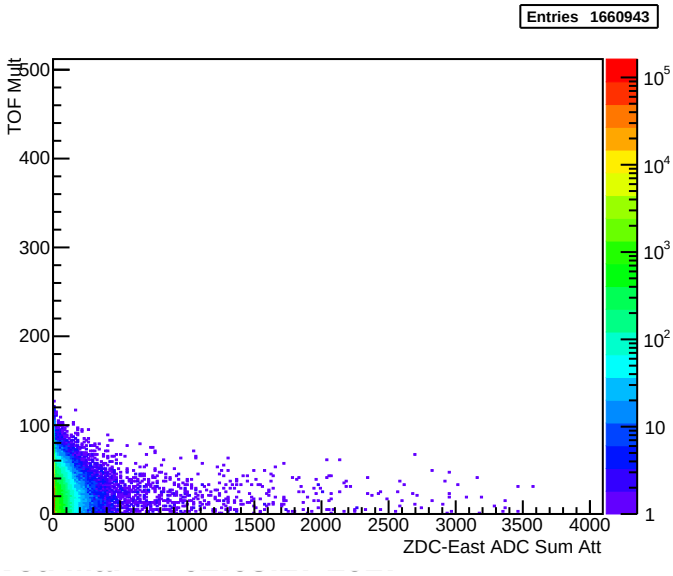


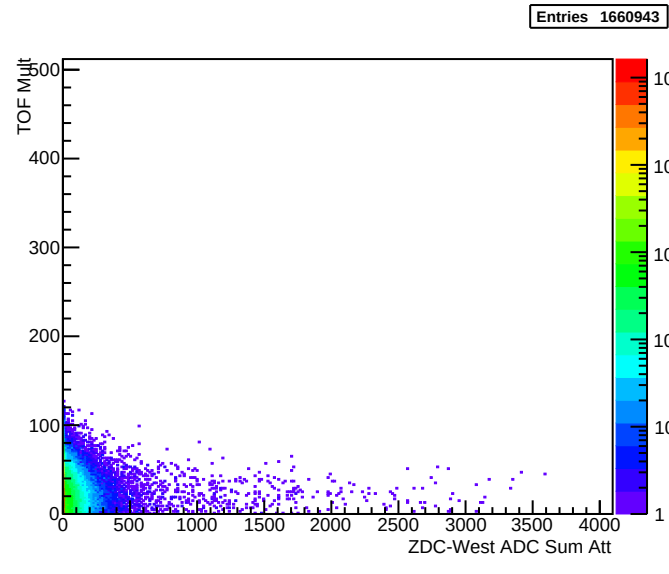

Entries 1660943
TOF Mult
BBC-S-East ADC Sum

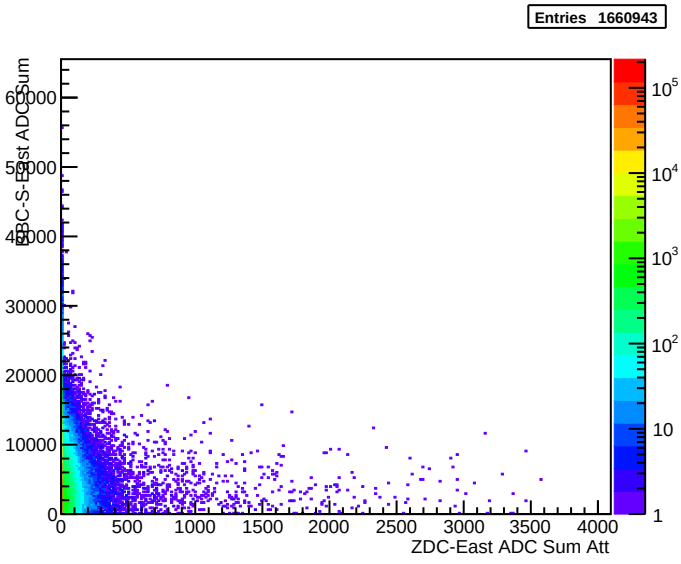

Entries 1660943
TOF Mult
BBC-S-West ADC Sum

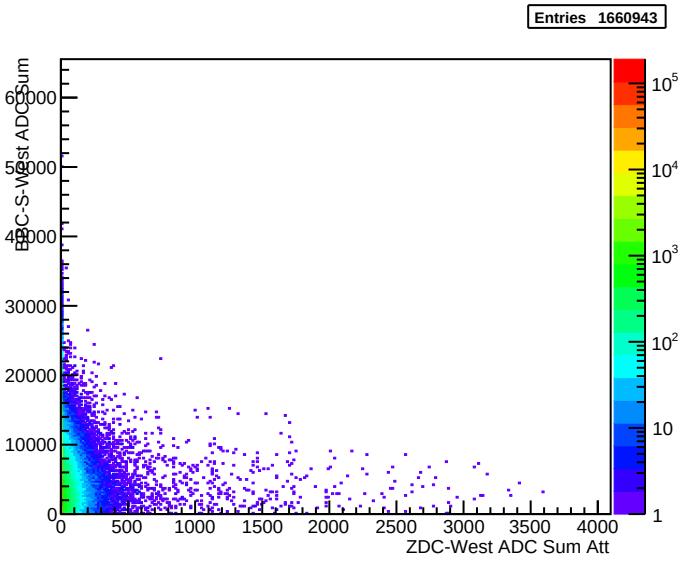

Entries 1660943
TOF Mult
VPD-East ADC Sum

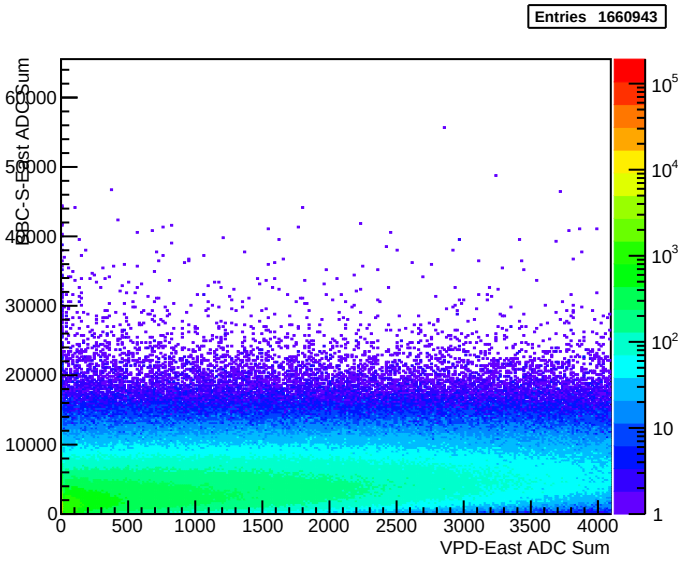

Entries 1660943
TOF Mult
VPD-West ADC Sum

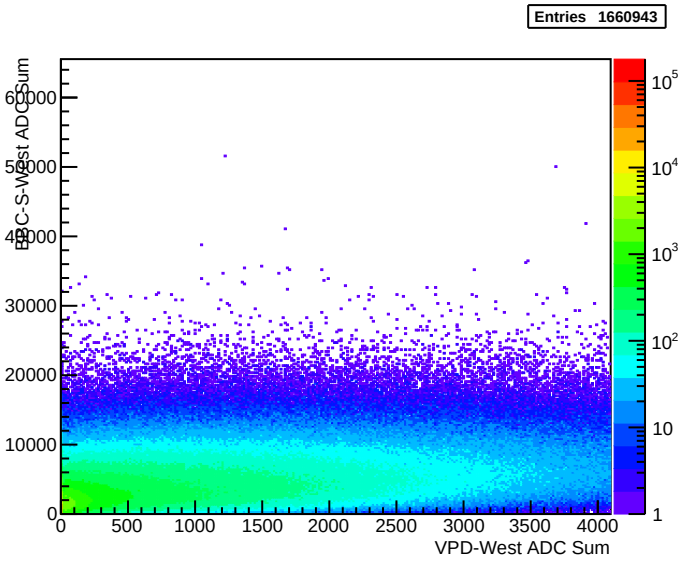

Entries 1660943
TOF Mult
ZDC-East ADC Sum Att

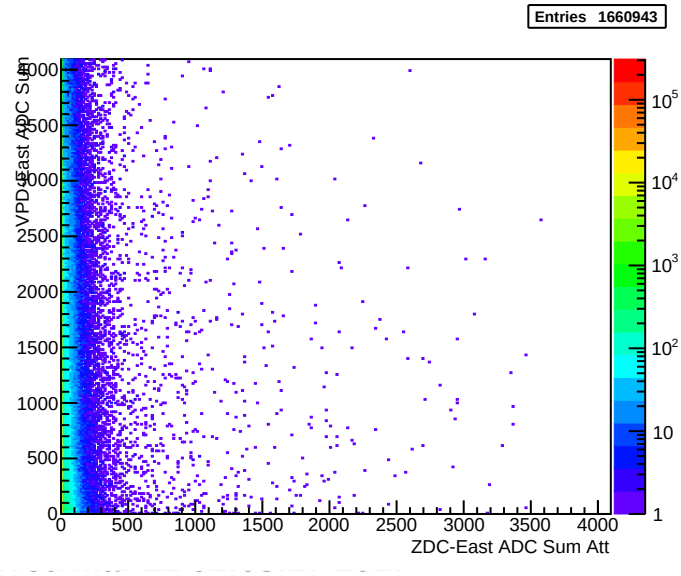

Entries 1660943
TOF Mult
ZDC-West ADC Sum Att

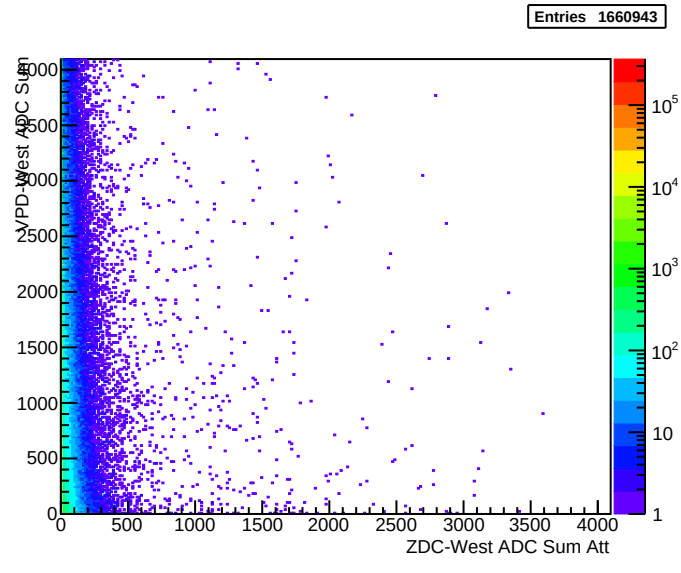

Entries 1660943
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

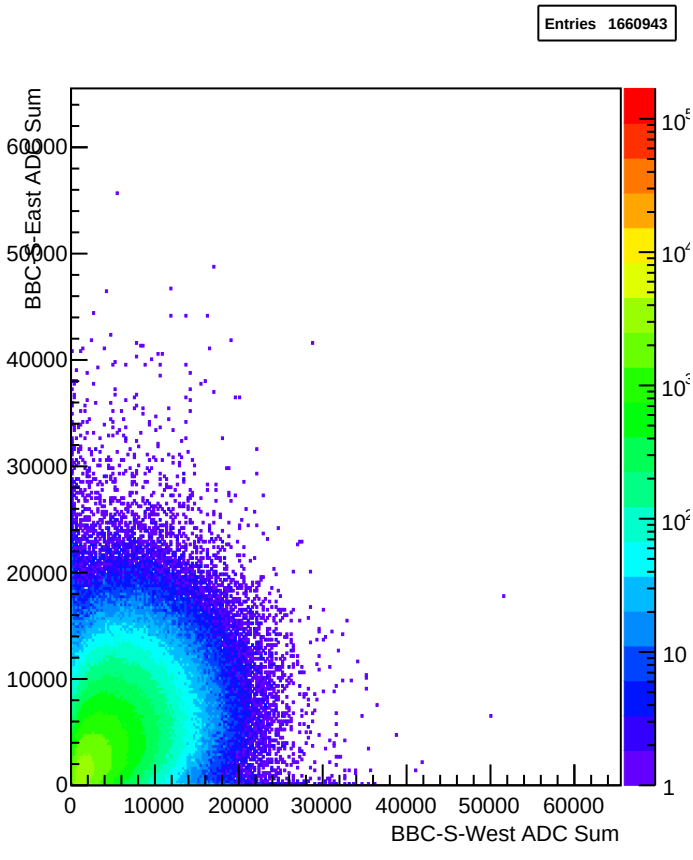

Entries 1660943
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

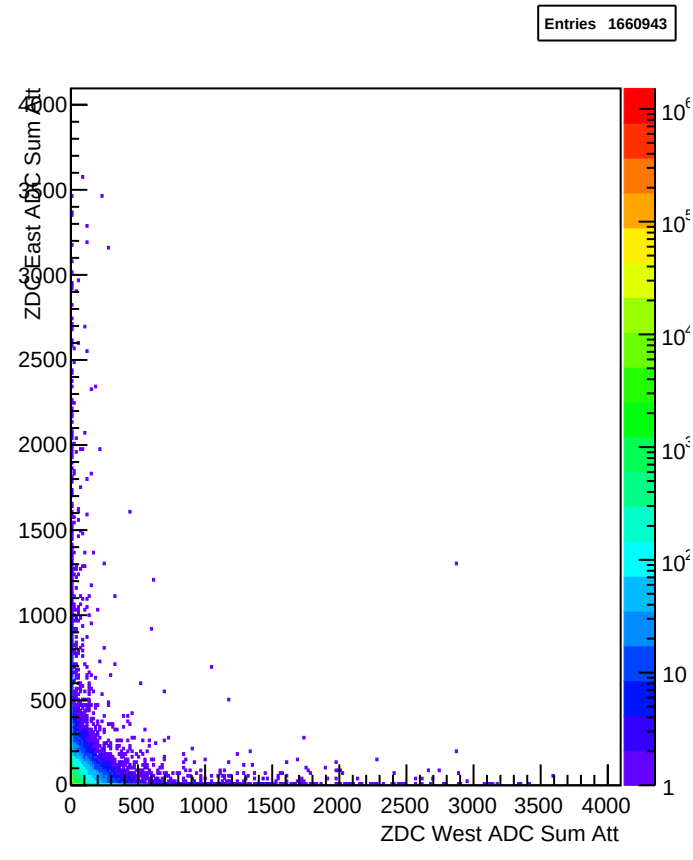

Entries 1660943
BBC-S-East ADC Sum
VPD-East ADC Sum

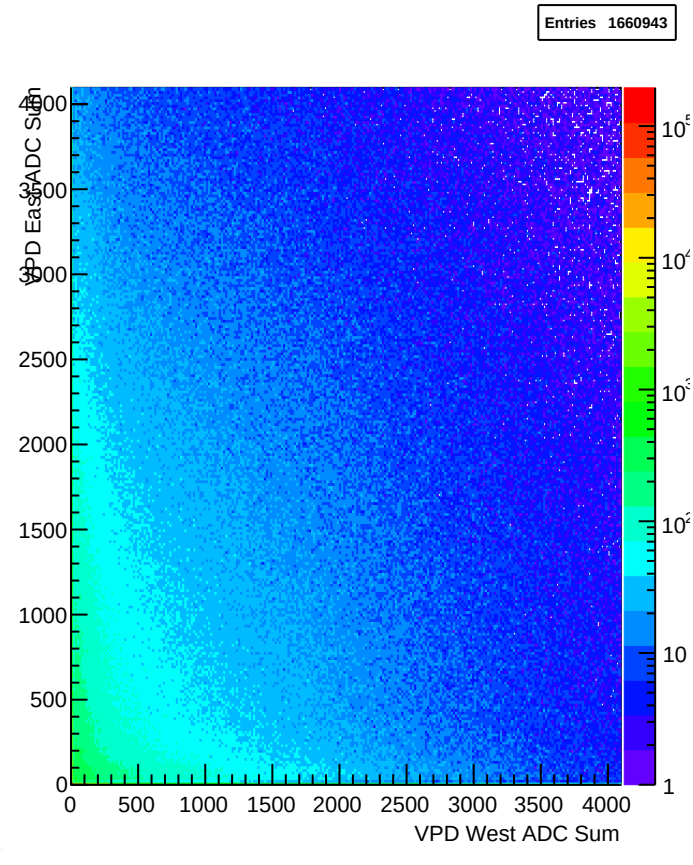

Entries 1660943
BBC-S-West ADC Sum
VPD-West ADC Sum

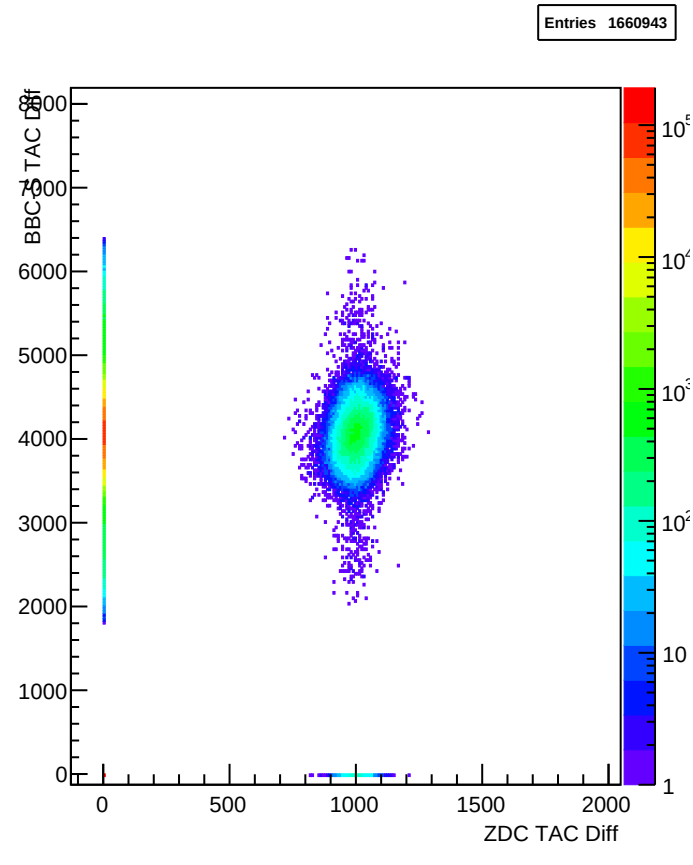

Entries 1660943
VPD-East ADC Sum
ZDC-East ADC Sum Att

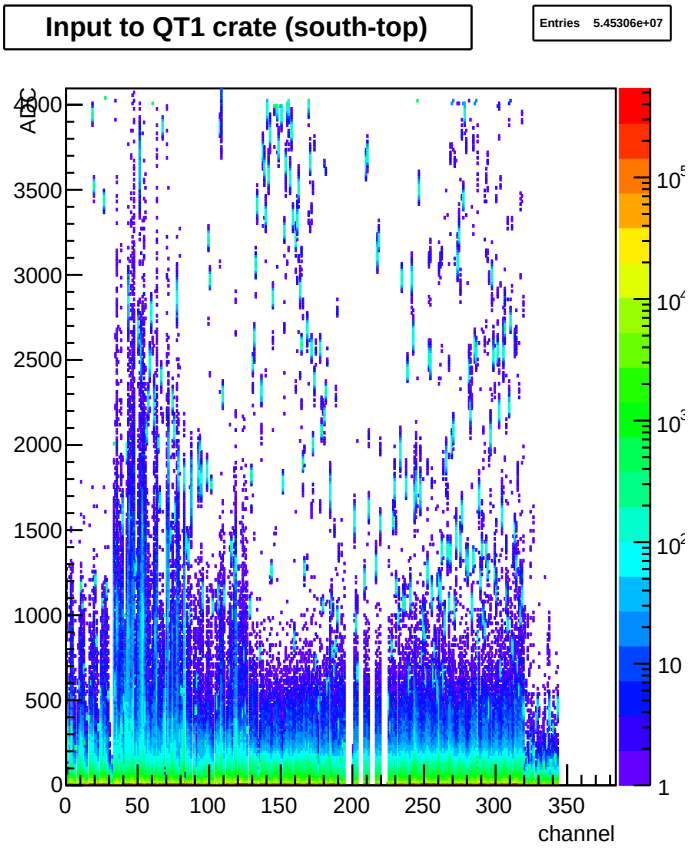

Entries 1660943
VPD-West ADC Sum
ZDC-West ADC Sum Att

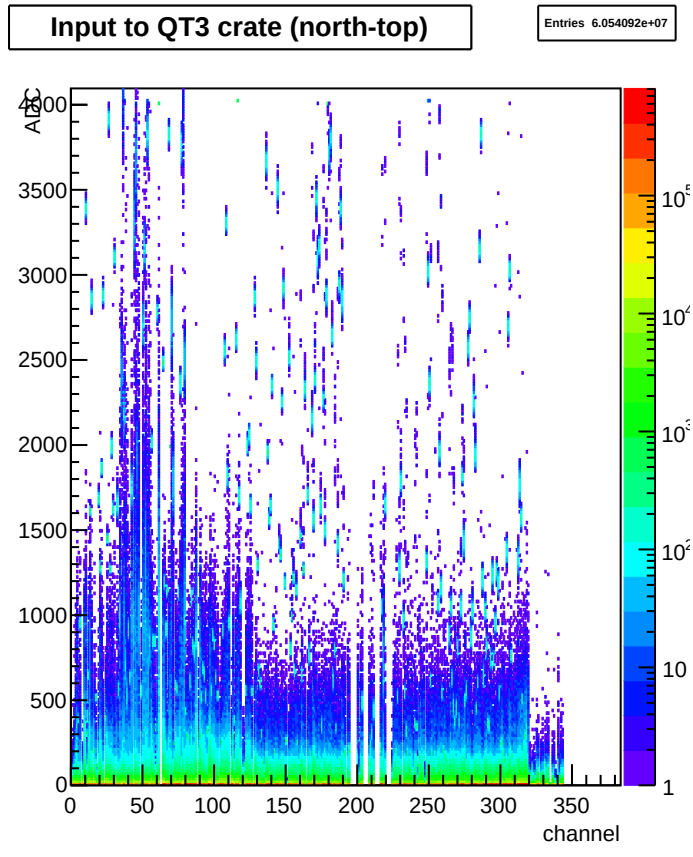

Entries 1660943
BBC-S-East ADC Sum
BBC-S-West ADC Sum

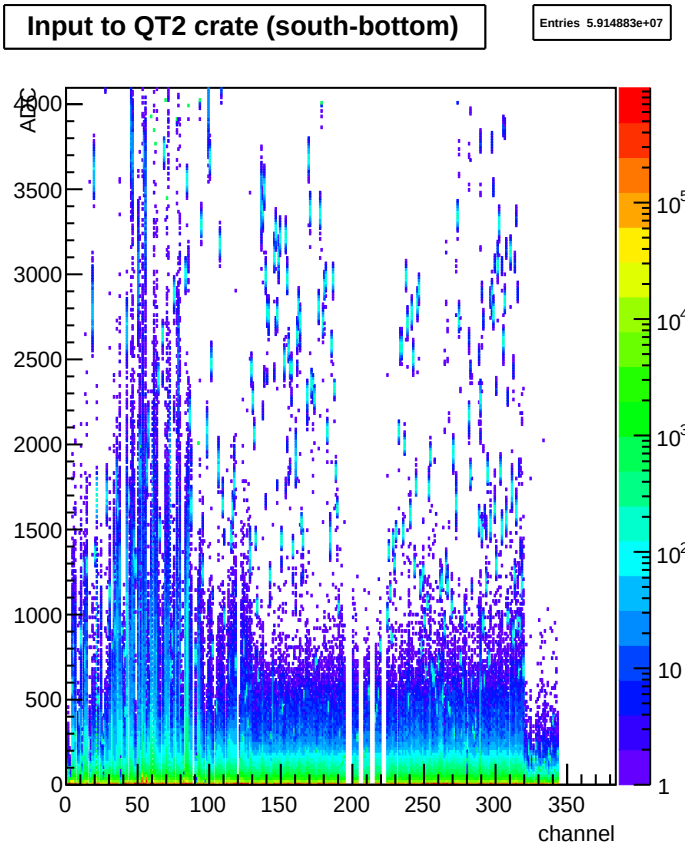

Entries 1660943
ZDC East ADC Sum Att
ZDC West ADC Sum Att

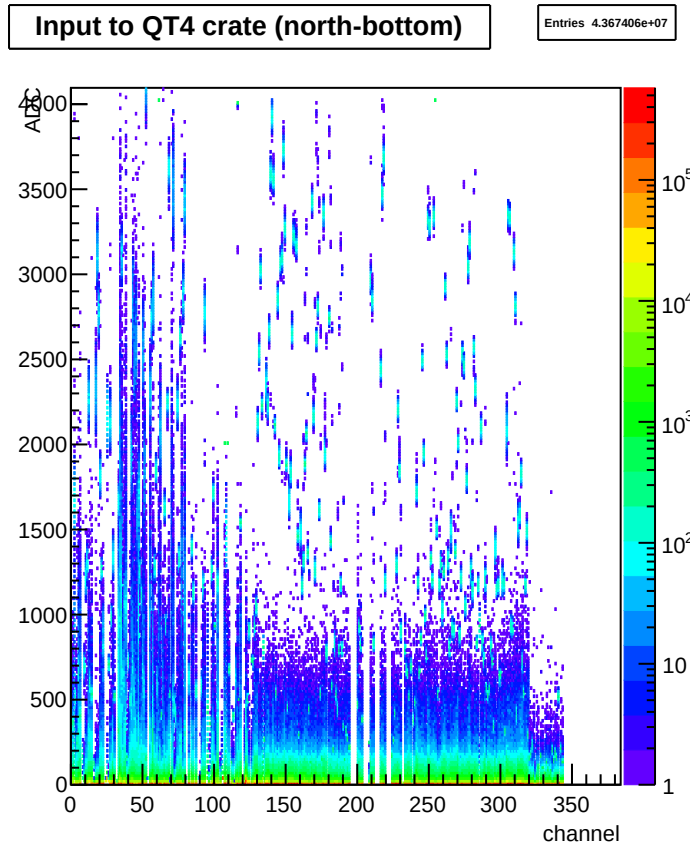

Entries 1660943
VPD East ADC Sum
VPD West ADC Sum

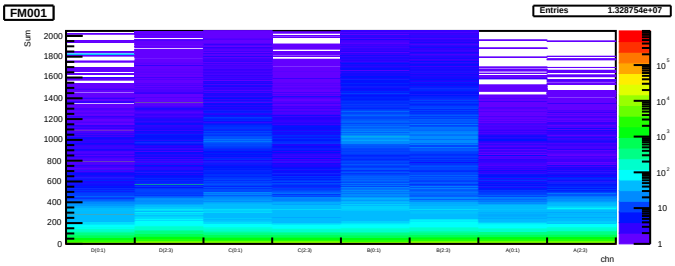

Entries 1660943
BBC-S TAC Diff
ZDC TAC Diff

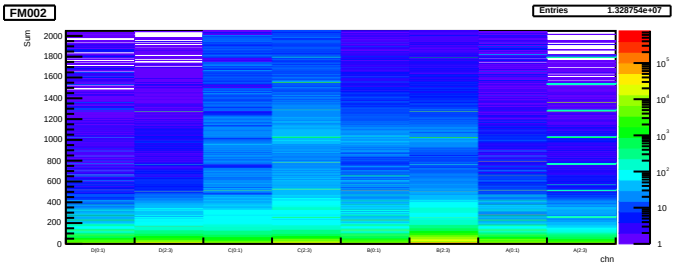

Input to QT1 crate (south-top)
Entries 5.45306e+07
ADC
channel

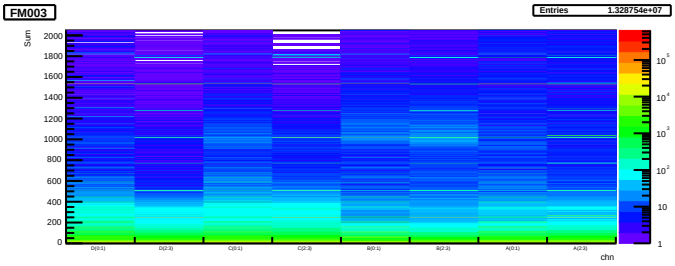

Input to QT3 crate (north-top)
Entries 6.054092e+07
ADC
channel

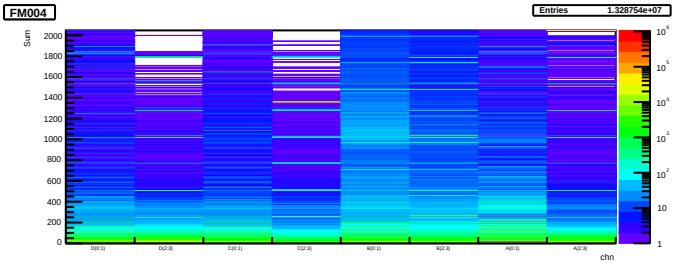

Input to QT2 crate (south-bottom)
Entries 5.914883e+07
ADC
channel

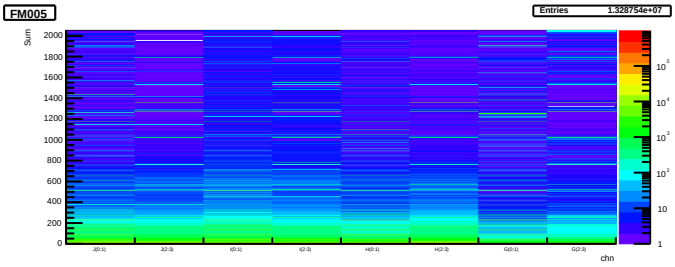

Input to QT4 crate (north-bottom)
Entries 4.367406e+07
ADC
channel

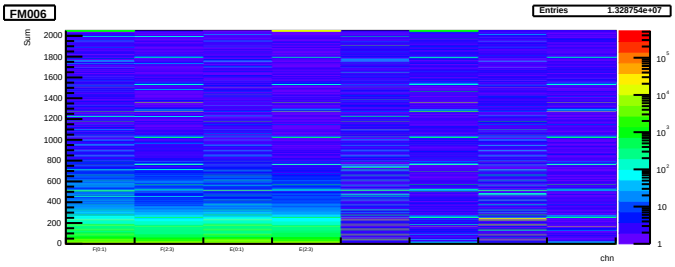

FM001
Entries 1.328754e+07
Sum
chn

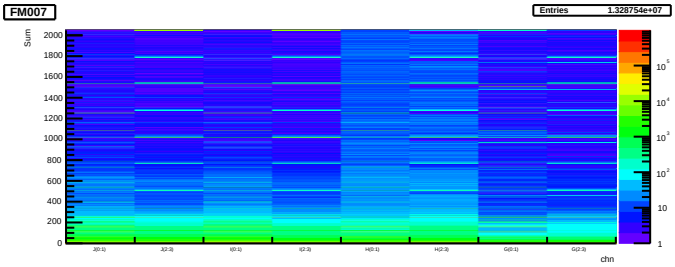

FM002
Entries 1.328754e+07
Sum
chn

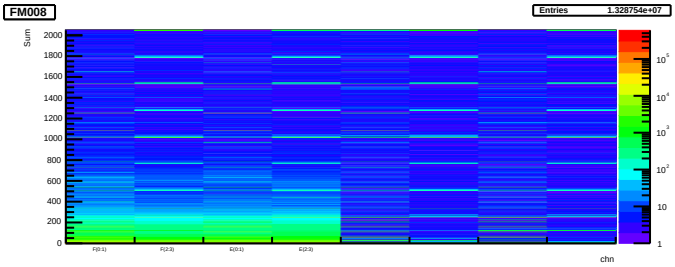

FM003
Entries 1.328754e+07
Sum
chn

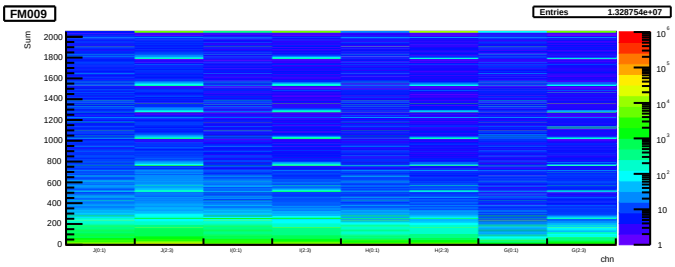

FM004
Entries 1.328754e+07
Sum
chn

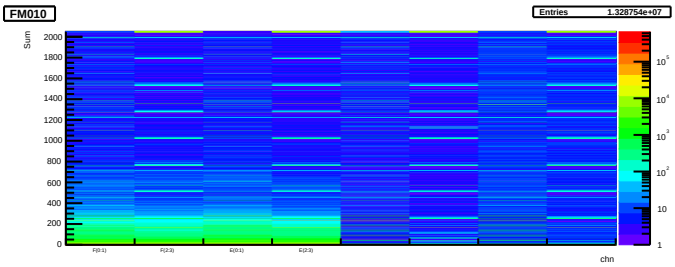

FM005
Entries 1.328754e+07
Sum
chn

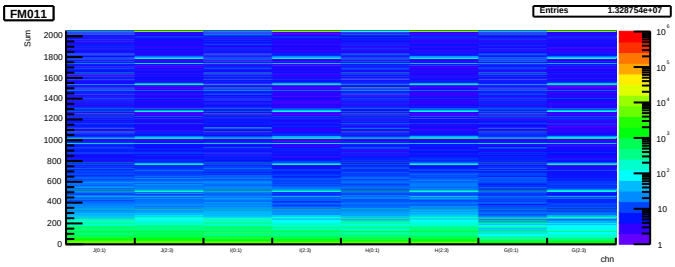

FM006
Entries 1.328754e+07
Sum
chn

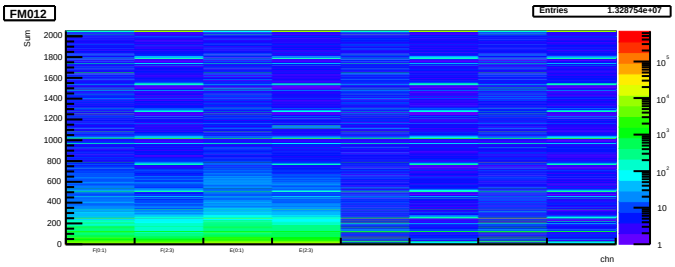

FM007
Entries 1.328754e+07
Sum
chn


FM008
Entries 1.328754e+07
Sum
chn


FM009
Entries 1.328754e+07
Sum
chn


FM010
Entries 1.328754e+07
Sum
chn


FM011
Entries 1.328754e+07
Sum
chn


FM012
Entries 1.328754e+07
Sum
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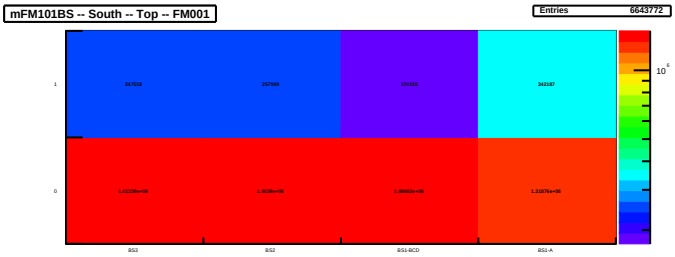
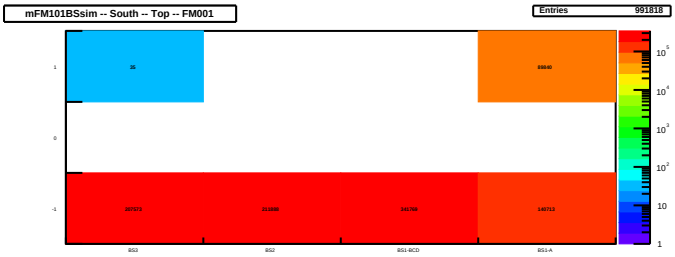
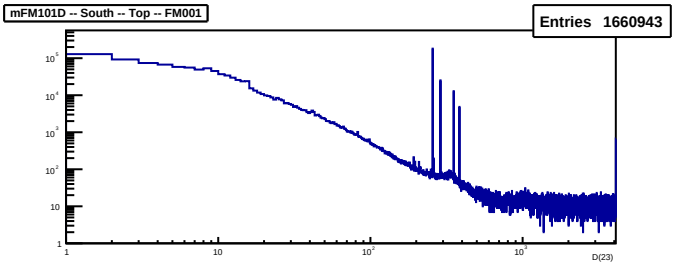
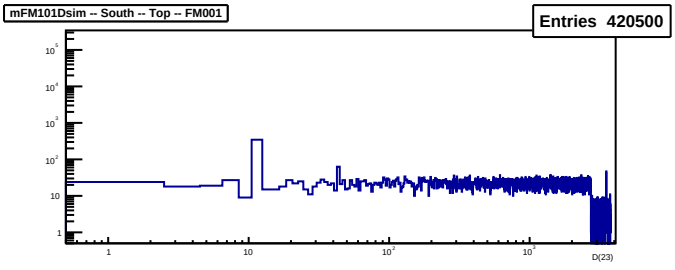
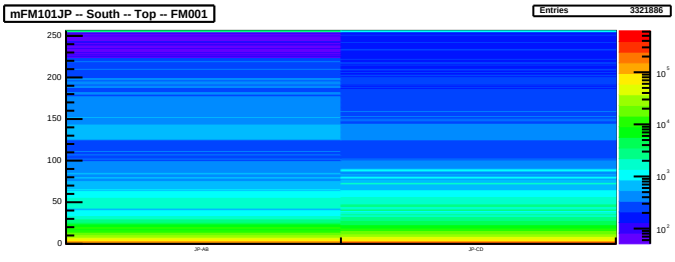
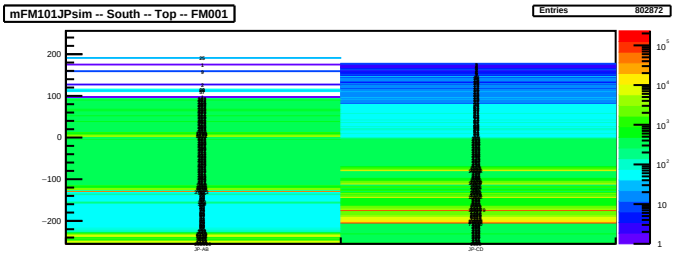

mFM101BS -- South -- Top -- FM001
Entries 6643772
BS3
BS2
BS1-BCD
BS1-A

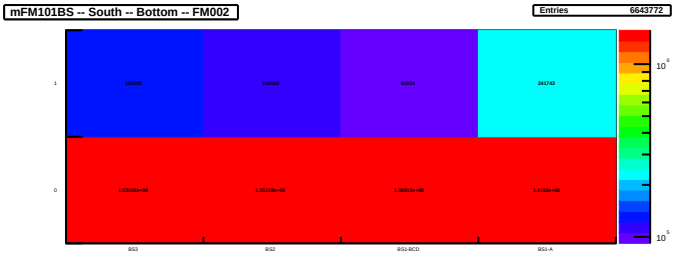

mFM101BSsim -- South -- Top -- FM001
Entries 991818
BS3
BS2
BS1-BCD
BS1-A

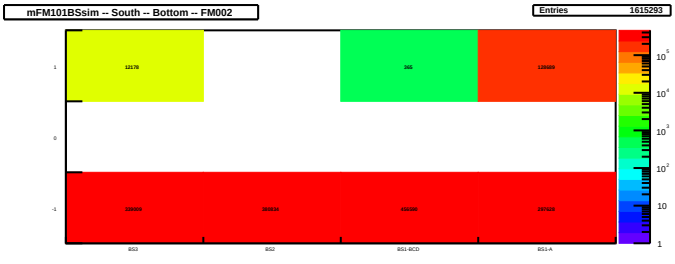

mFM101D -- South -- Top -- FM001
Entries 1660943
D(23)

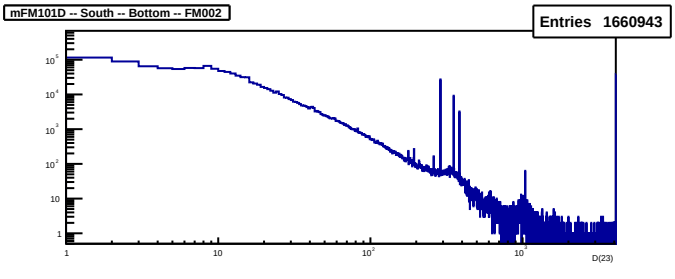

mFM101Dsim -- South -- Top -- FM001
Entries 420500
D(23)

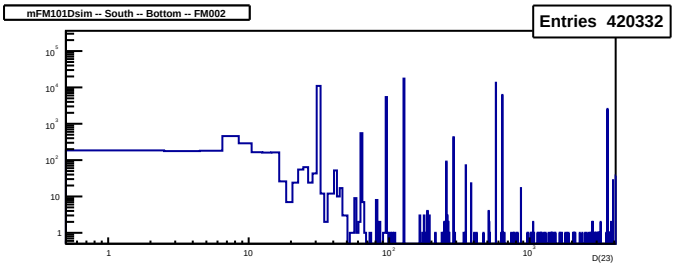

mFM101JP -- South -- Top -- FM001
Entries 3321886
JP-AB
JP-CD


mFM101JPsim -- South -- Top -- FM001
Entries 802872
JP-AB
JP-CD


mFM101BS -- South -- Bottom -- FM002
Entries 6643772
BS3
BS2
BS1-BCD
BS1-A


mFM101BSsim -- South -- Bottom -- FM002
Entries 1615293
BS3
BS2
BS1-BCD
BS1-A


mFM101D -- South -- Bottom -- FM002
Entries 1660943
D(23)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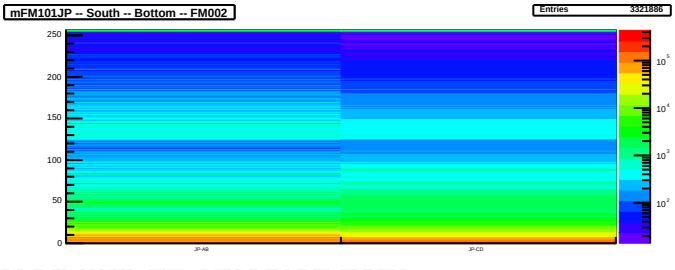
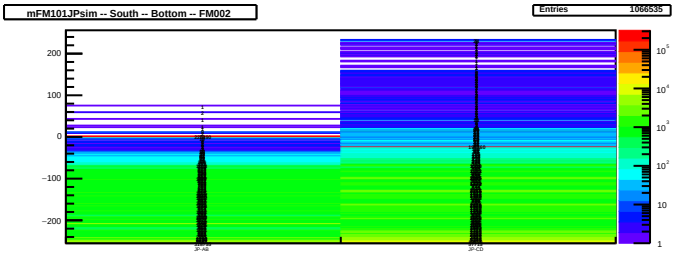
Entries 420332
D(23)


mFM101JP -- South -- Bottom -- FM002
Entries 3321886
JP-AB
JP-CD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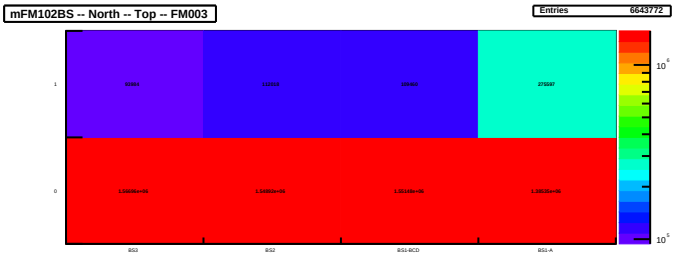
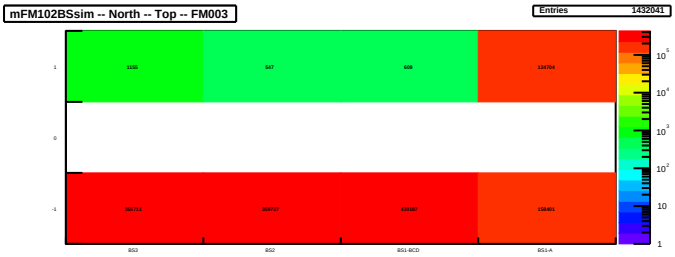
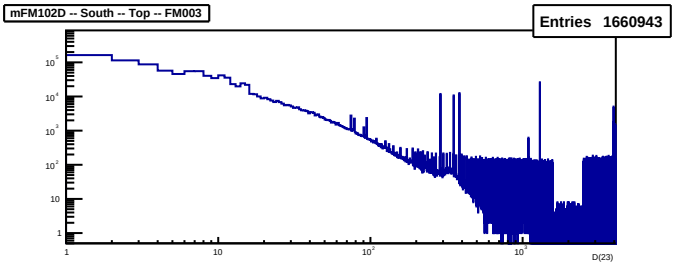
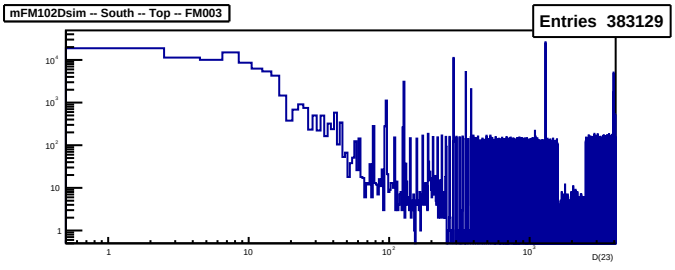
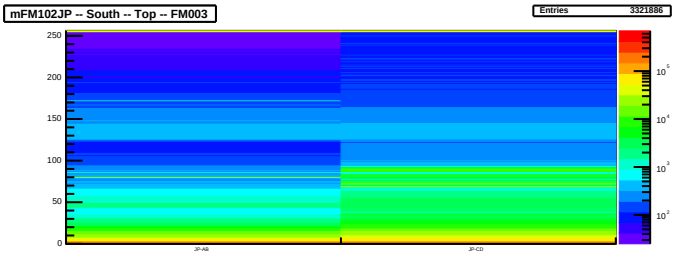
Entries 1066535
JP-AB
JP-CD

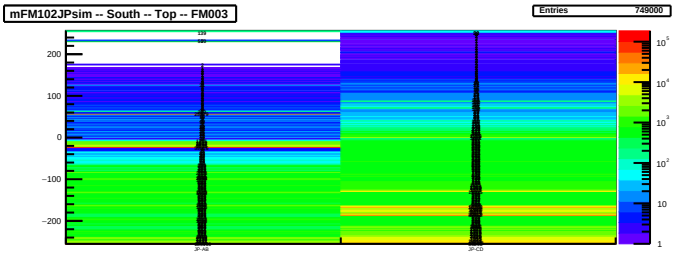

mFM102BS -- North -- Top -- FM003
Entries 6643772

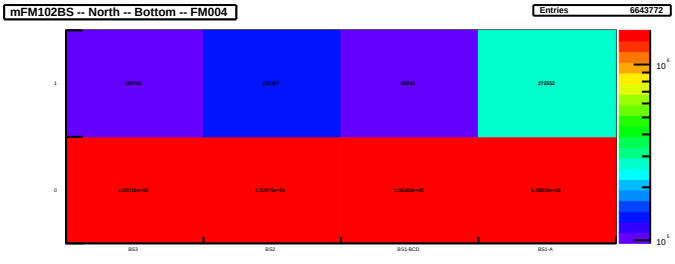

mFM102BSsim -- North -- Top -- FM003
Entries 1432041

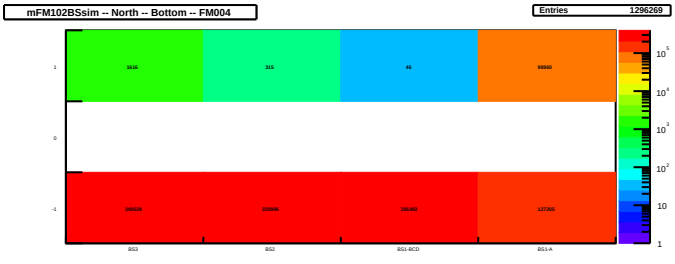

mFM102D -- South -- Top -- FM003
Entries 1660943
D(23)

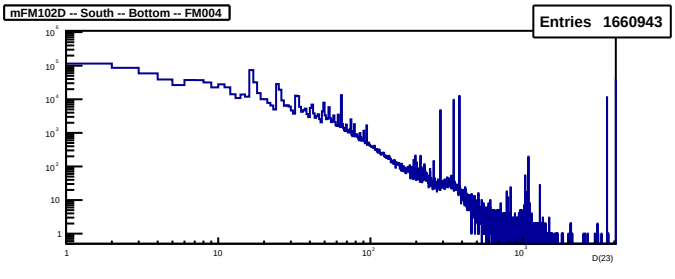

mFM102Dsim -- South -- Top -- FM003
Entries 383129
D(23)

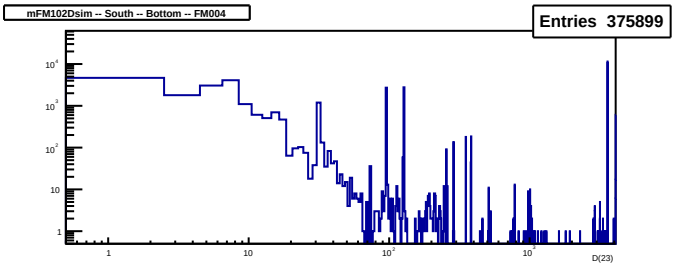

mFM102JP -- South -- Top -- FM003
Entries 3321886

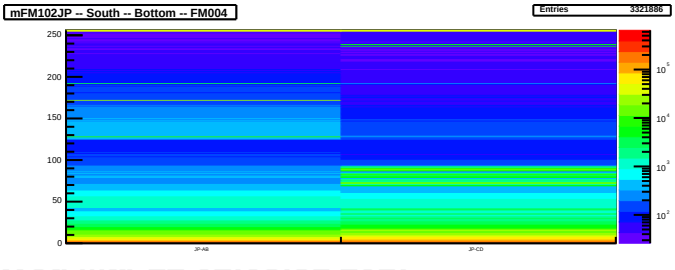

mFM102JPsim -- South -- Top -- FM003
Entries 749000

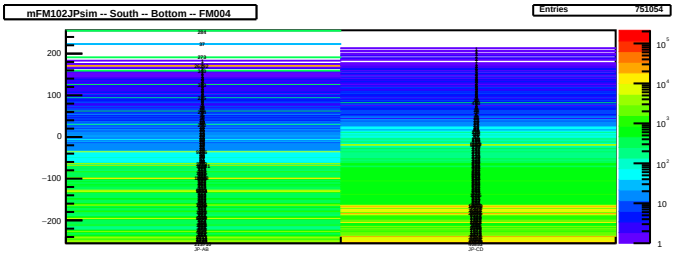

mFM102BS -- North -- Bottom -- FM004
Entries 6643772

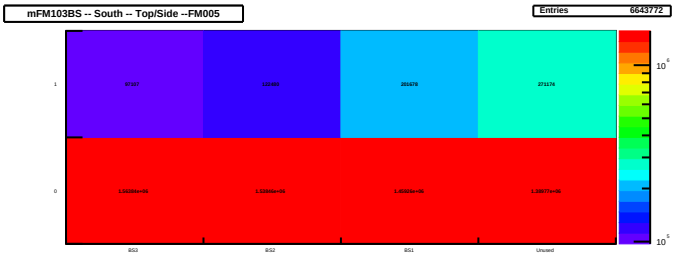

mFM102BSsim -- North -- Bottom -- FM004
Entries 1296269

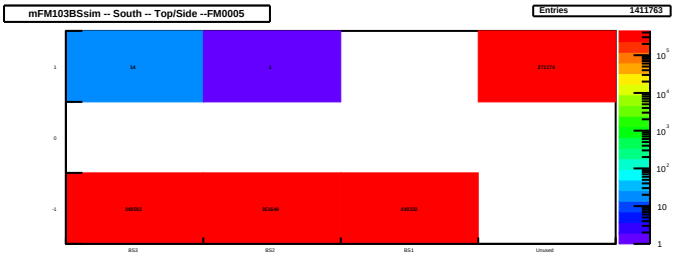

mFM102D -- South -- Bottom -- FM004
Entries 1660943
D(23)

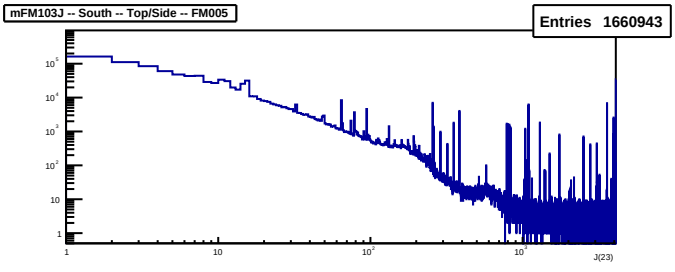

mFM102Dsim -- South -- Bottom -- FM004
Entries 375899
D(23)

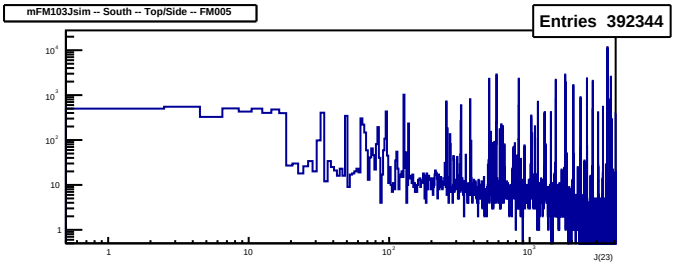

mFM102JP -- South -- Bottom -- FM004
Entries 3321886

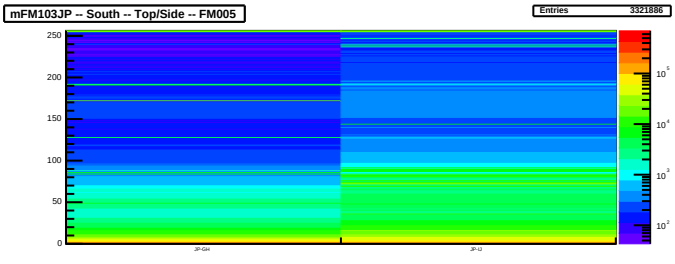

mFM102JPsim -- South -- Bottom -- FM004
Entries 751054

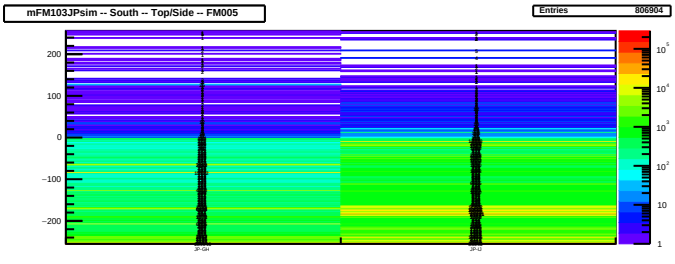

mFM103BS -- South -- Top/Side --FM005
Entries 6643772
BS3
BS2
BS1
Unused

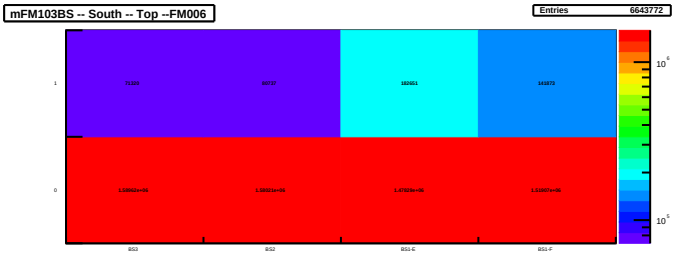

mFM103BSsim -- South -- Top/Side --FM0005
Entries 1411763
BS3
BS2
BS1
Unused

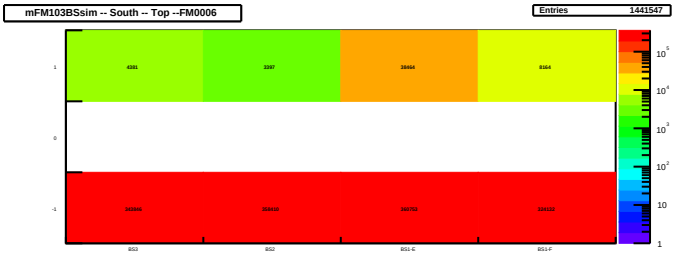

mFM103J -- South -- Top/Side -- FM005
Entries 1660943
J(23)

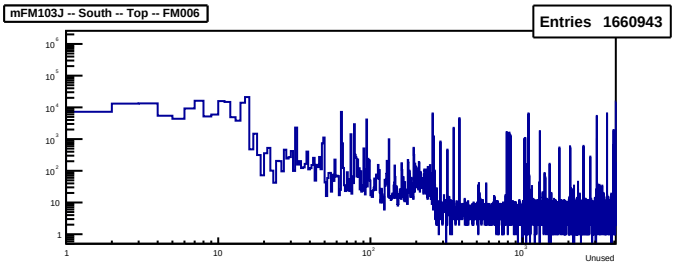

mFM103Jsim -- South -- Top/Side -- FM005
Entries 392344
J(23)

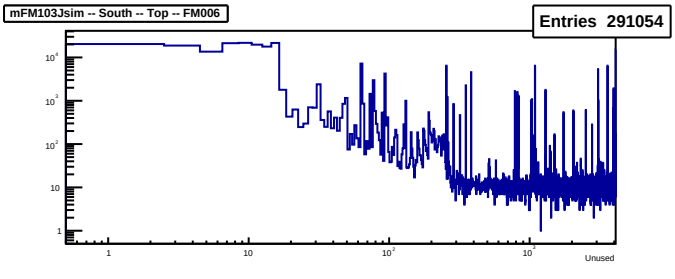

mFM103JP -- South -- Top/Side -- FM005
Entries 3321886
JP-GH
JP-IJ

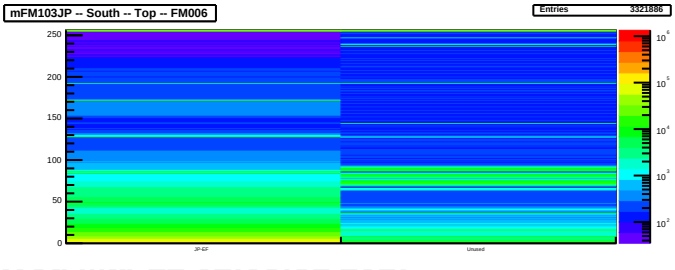

mFM103JPsim -- South -- Top/Side -- FM005
Entries 806904
JP-GH
JP-IJ

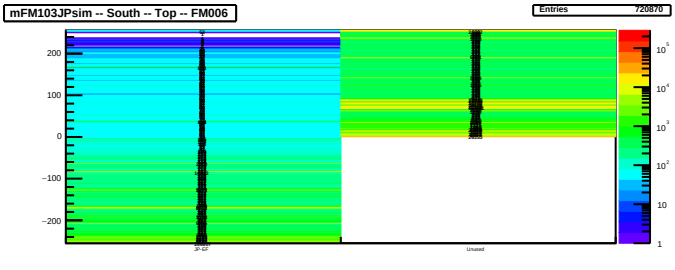

mFM103BS -- South -- Top --FM006
Entries 6643772
BS3
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Top --FM0006
Entries 1441547
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Top -- FM006
Entries 1660943
Unused


mFM103Jsim -- South -- Top -- FM006
Entries 291054
Unused


mFM103JP -- South -- Top -- FM006
Entries 3321886
JP-EF
Unused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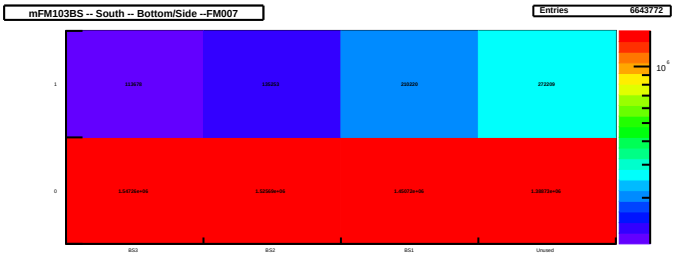
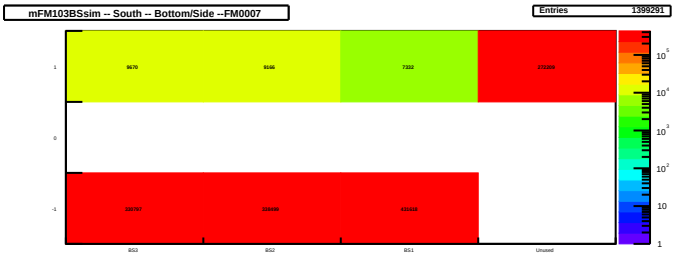
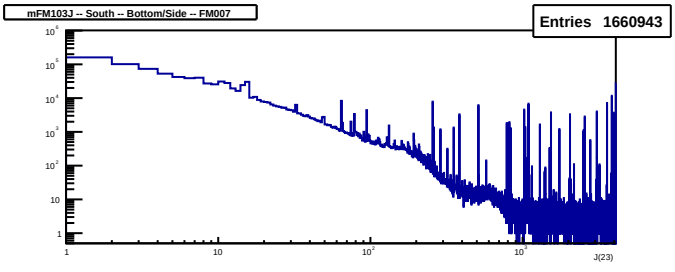
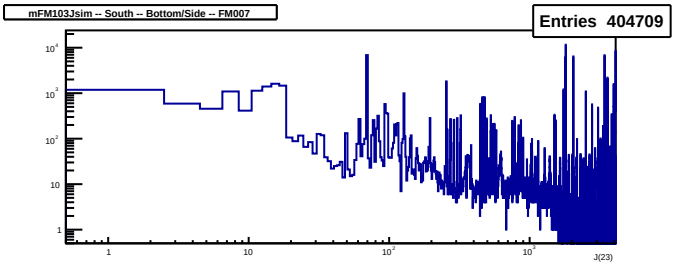
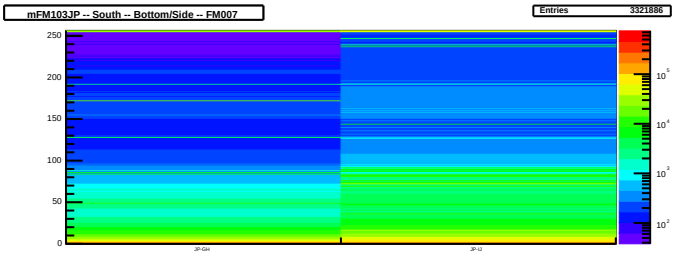
Entries 720870
JP-EF
Unused

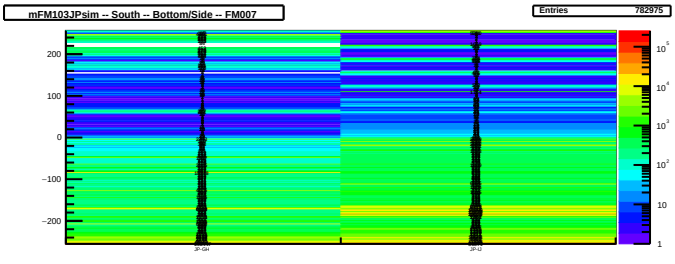

mFM103BS -- South -- Bottom/Side --FM007
Entries 6643772

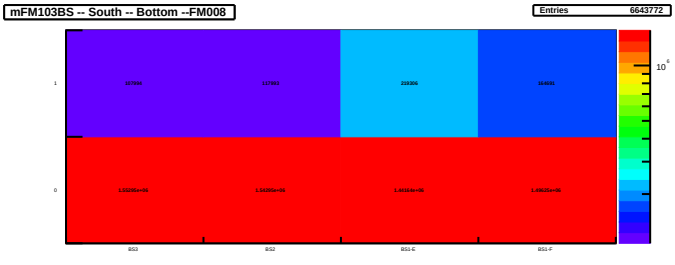

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 1399291

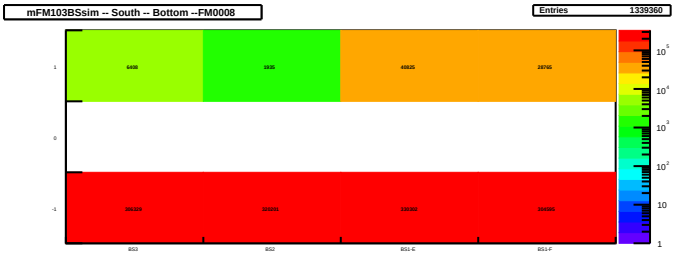

mFM103J -- South -- Bottom/Side -- FM007
Entries 1660943
J(23)

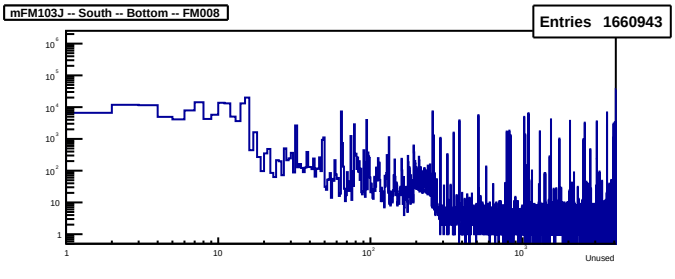

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 404709
J(23)

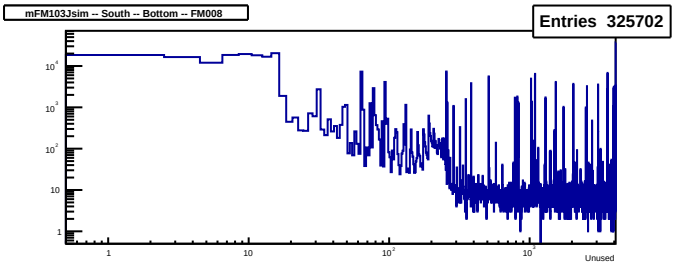

mFM103JP -- South -- Bottom/Side -- FM007
Entries 3321886

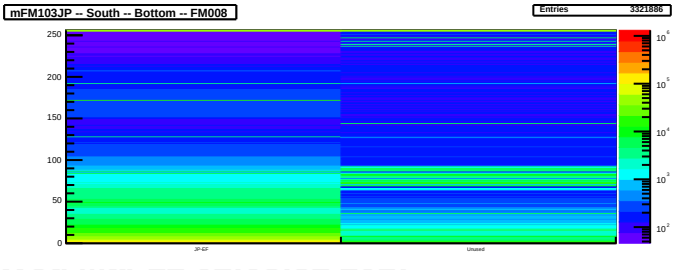

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 782975

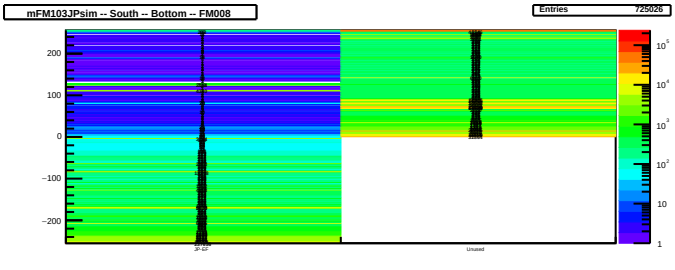

mFM103BS -- South -- Bottom --FM008
Entries 6643772


mFM103BSsim -- South -- Bottom --FM0008
Entries 1339360


mFM103J -- South -- Bottom -- FM008
Entries 1660943
Unused


mFM103Jsim -- South -- Bottom -- FM008
Entries 325702
Unused


mFM103JP -- South -- Bottom -- FM008
Entries 3321886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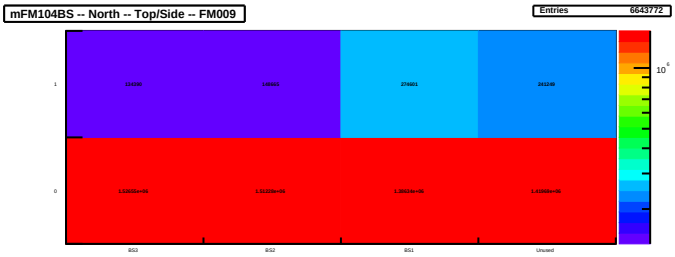
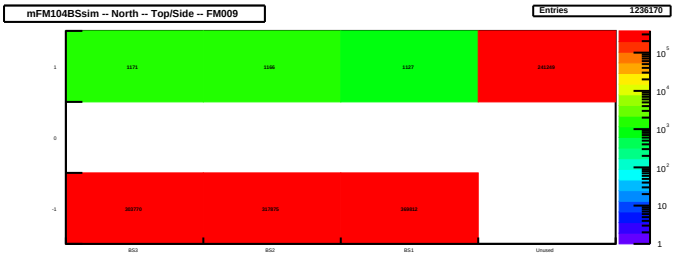
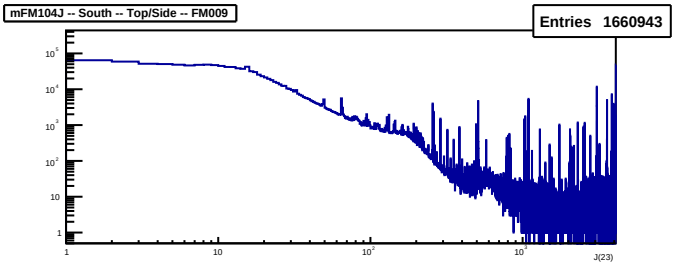
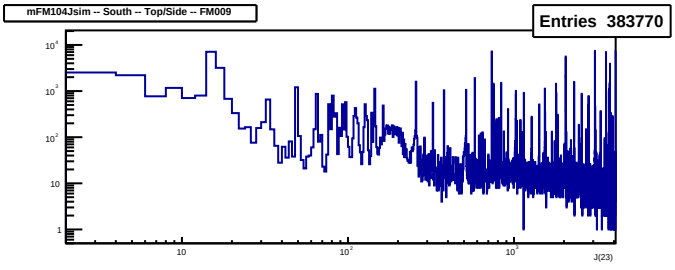
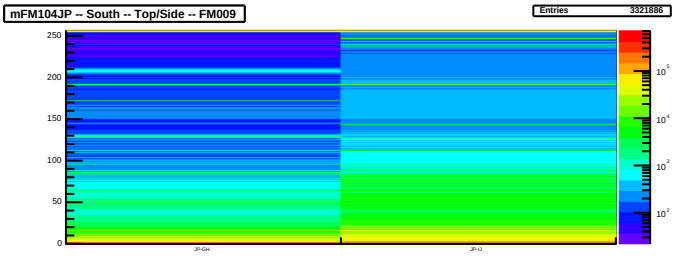
Entries 725026

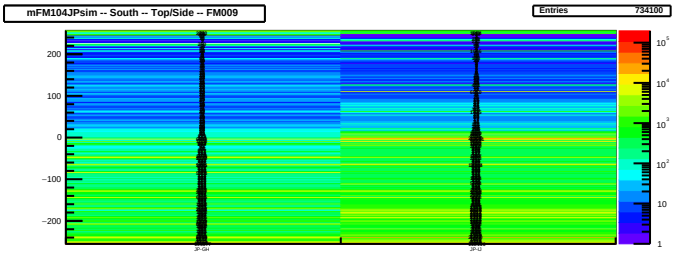

mFM104BS -- North -- Top/Side -- FM009
Entries 6643772

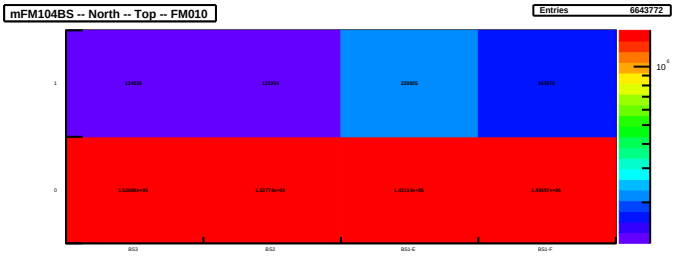

mFM104BSsim -- North -- Top/Side -- FM009
Entries 1236170

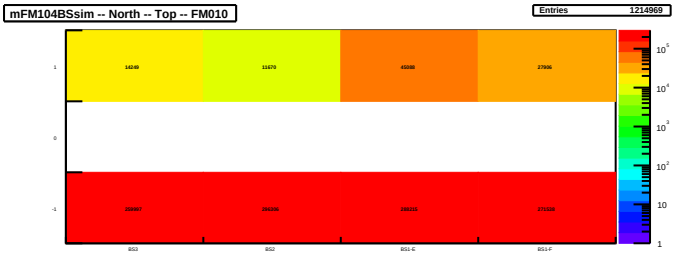

mFM104J -- South -- Top/Side -- FM009
Entries 1660943
J(23)

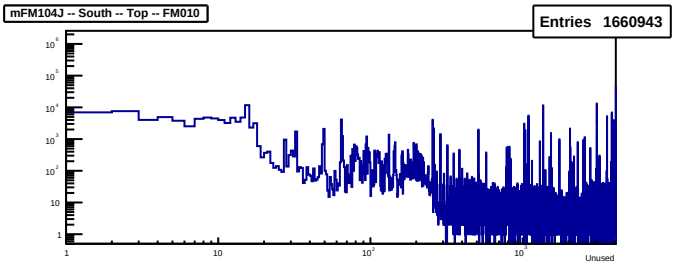

mFM104Jsim -- South -- Top/Side -- FM009
Entries 383770
J(23)

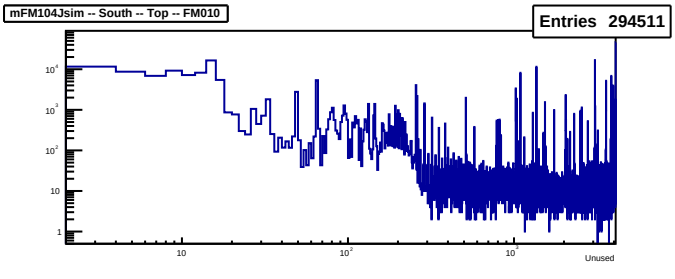

mFM104JP -- South -- Top/Side -- FM009
Entries 3321886

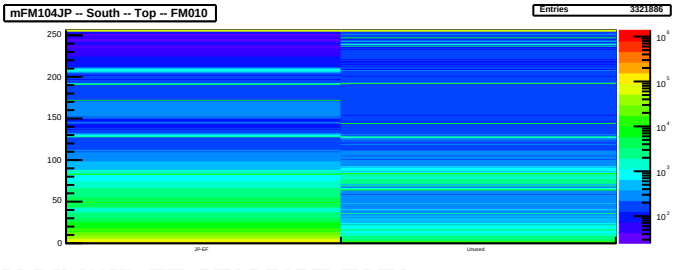

mFM104JPsim -- South -- Top/Side -- FM009
Entries 734100

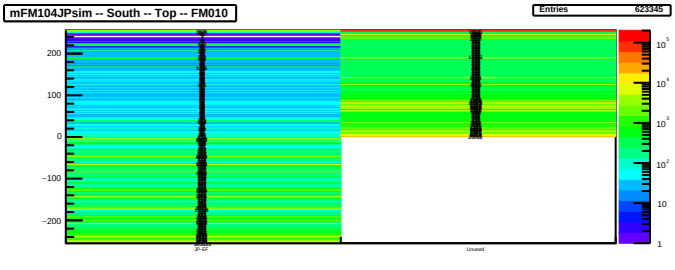

mFM104BS -- North -- Top -- FM010
Entries 6643772

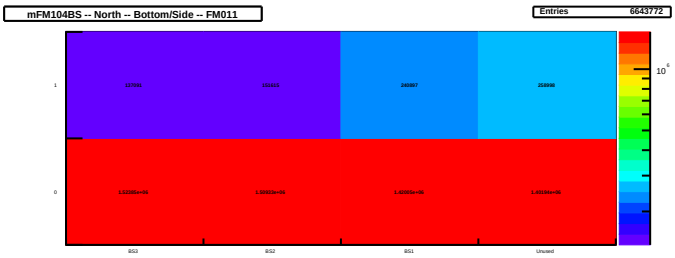

mFM104BSsim -- North -- Top -- FM010
Entries 1214969

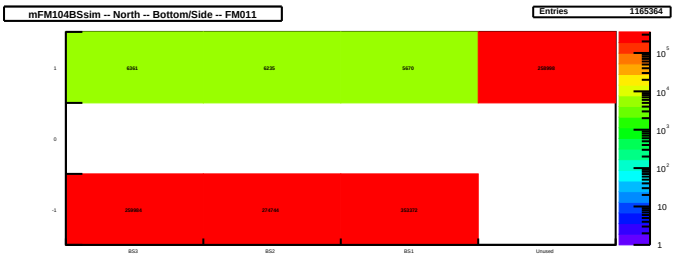

mFM104J -- South -- Top -- FM010
Entries 1660943
Unused

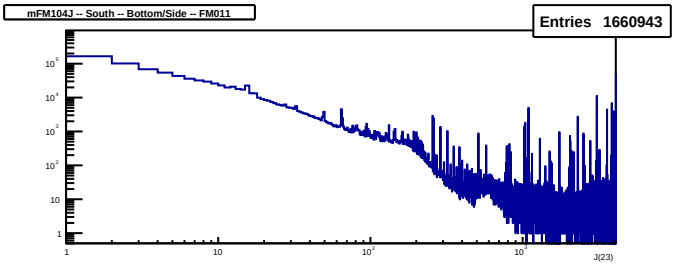

mFM104Jsim -- South -- Top -- FM010
Entries 294511
Unused

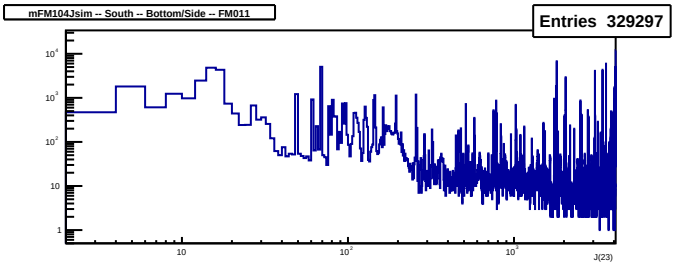

mFM104JP -- South -- Top -- FM010
Entries 3321886

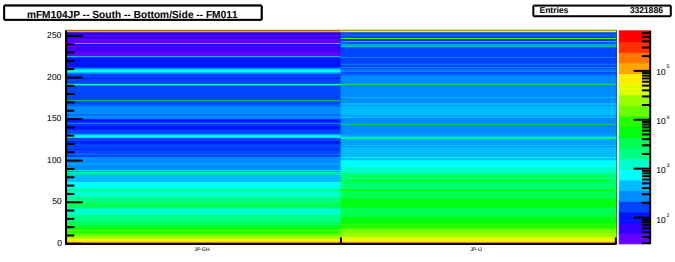

mFM104JPsim -- South -- Top -- FM010
Entries 623345

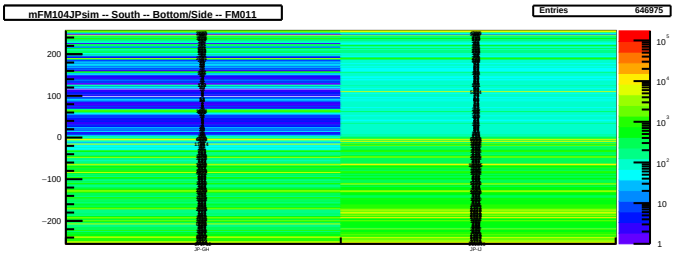

mFM104BS -- North -- Bottom/Side -- FM011
Entries 6643772
BS3
BS2
BS1
Unused

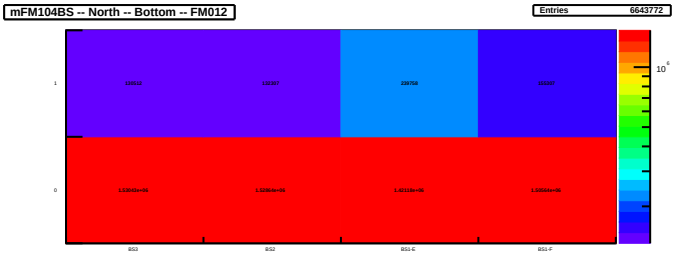

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 1165364
BS3
BS2
BS1
Unused

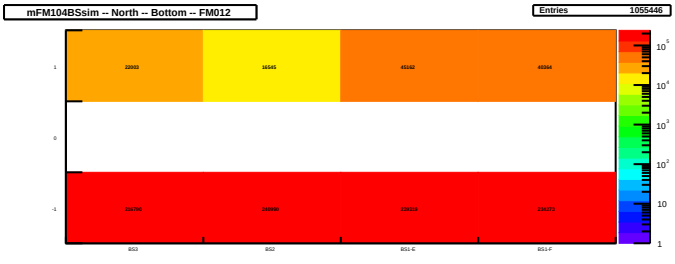

mFM104J -- South -- Bottom/Side -- FM011
Entries 1660943
J(23)


mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 329297
J(23)


mFM104JP -- South -- Bottom/Side -- FM011
Entries 3321886
JP-GH
JP-IJ


mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 646975
JP-GH
JP-IJ


mFM104BS -- North -- Bottom -- FM012
Entries 6643772
BS3
BS2
BS1-E
BS1-F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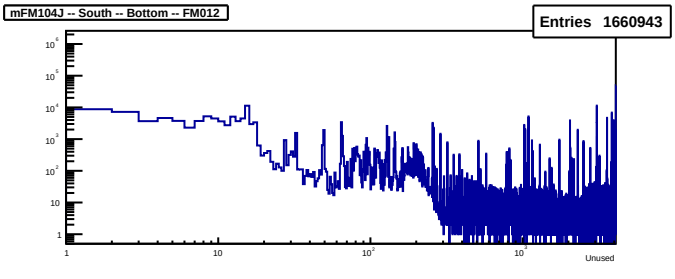
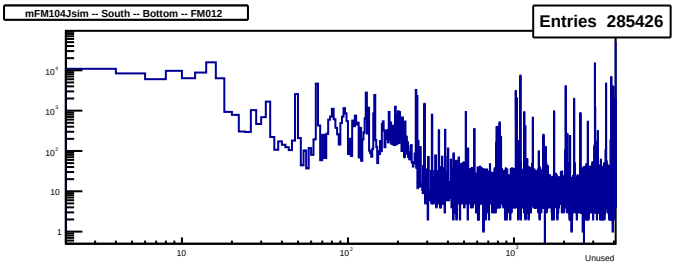
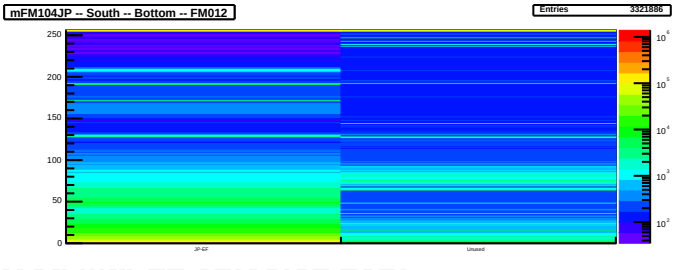
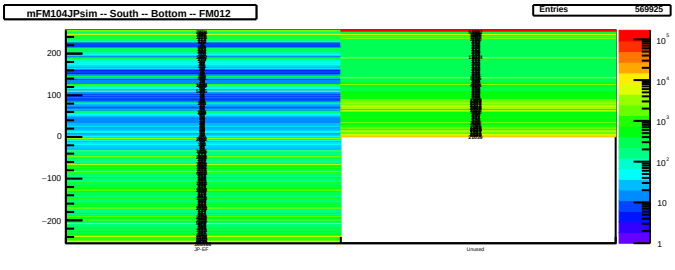
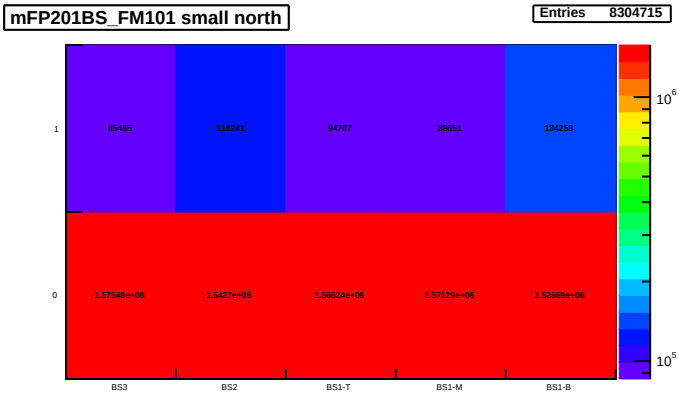
Entries 1055446
BS3
BS2
BS1-E
BS1-F

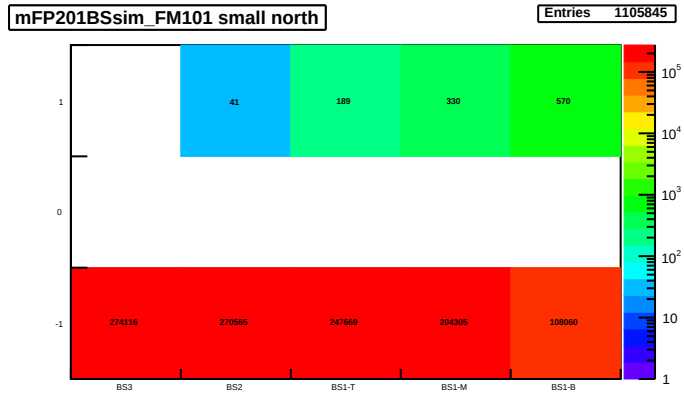

mFM104J -- South -- Bottom -- FM012
Entries 1660943
Unused

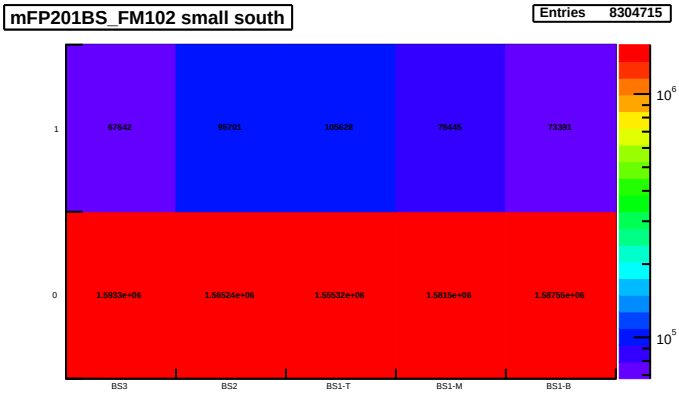

mFM104Jsim -- South -- Bottom -- FM012
Entries 285426
Unused

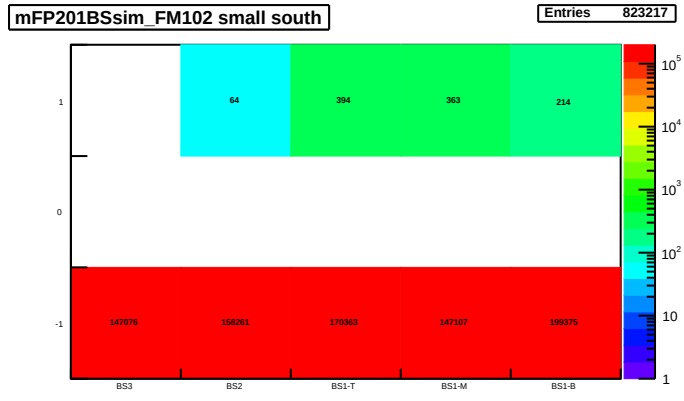

mFM104JP -- South -- Bottom -- FM012
Entries 3321886
JP-EF
Unused

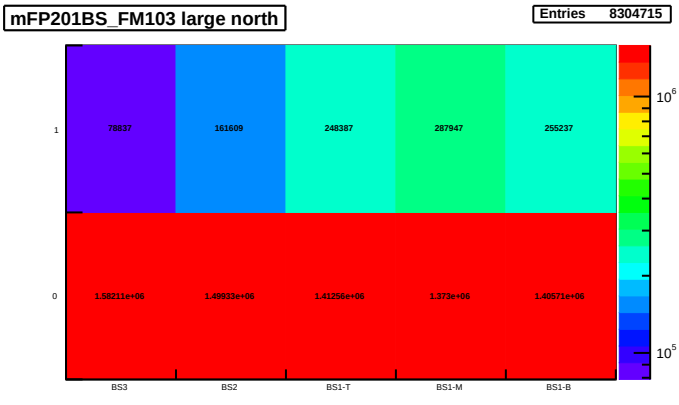

mFM104JPsim -- South -- Bottom -- FM012
Entries 569925
JP-EF
Unused

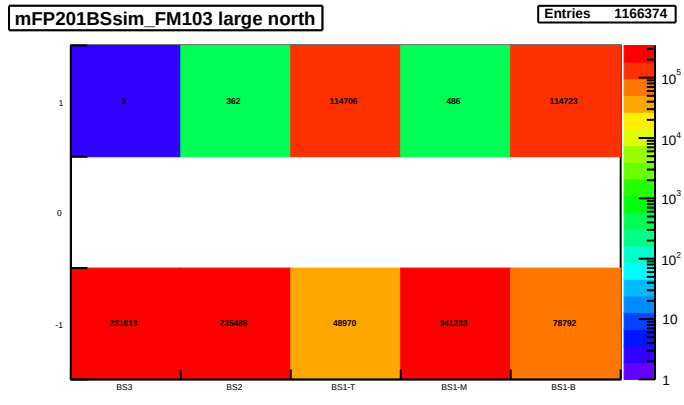

mFP201BS_FM101 small north
Entries 8304715
85465
118241
94707
89651
134253
1.57548e+06
1.5427e+06
1.56624e+06
1.57129e+06
1.52669e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

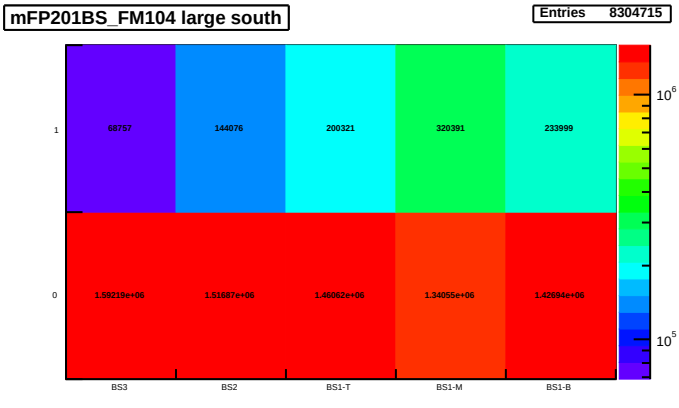

mFP201BSsim_FM101 small north
Entries 1105845
41
189
330
570
274116
270565
247669
204305
108060
BS3
BS2
BS1-T
BS1-M
BS1-B

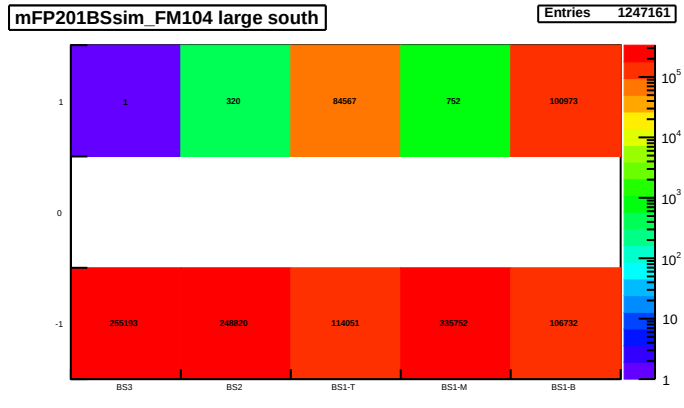

mFP201BS_FM102 small south
Entries 8304715
67642
95701
105628
79445
73391
1.5933e+06
1.56524e+06
1.55532e+06
1.5815e+06
1.58755e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

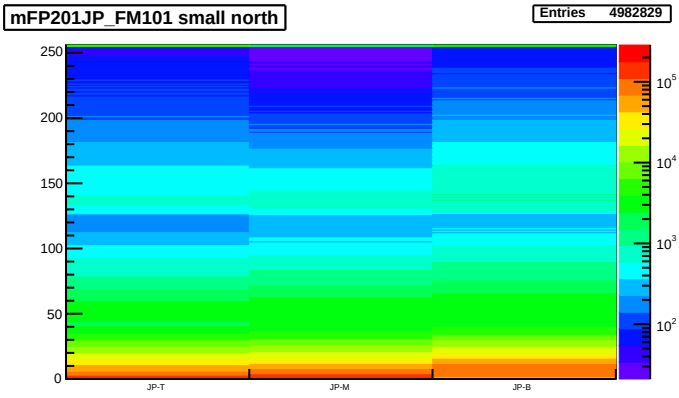

mFP201BSsim_FM102 small south
Entries 823217
64
394
363
214
147076
158261
170363
147107
199375
BS3
BS2
BS1-T
BS1-M
BS1-B

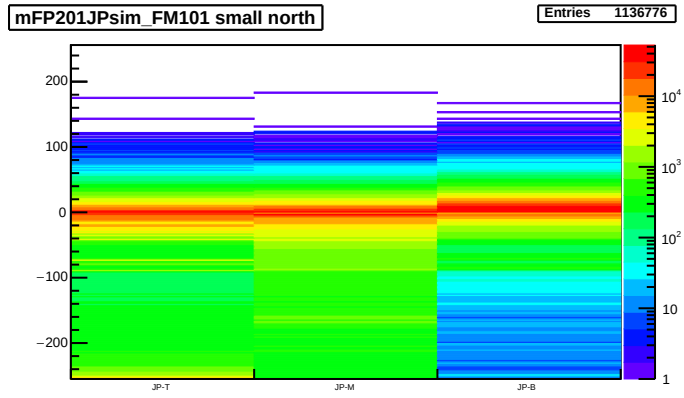

mFP201BS_FM103 large north
Entries 8304715
78837
161609
248387
287947
255237
1.58211e+06
1.49933e+06
1.41256e+06
1.373e+06
1.40571e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

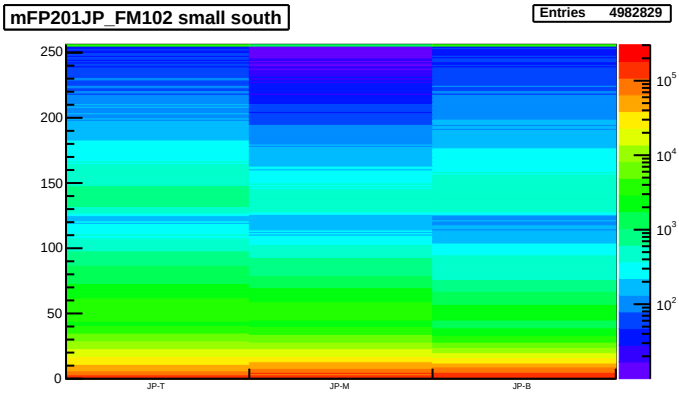

mFP201BSsim_FM103 large north
Entries 1166374
3
362
114706
486
114723
231613
235486
48970
341233
78792
BS3
BS2
BS1-T
BS1-M
BS1-B

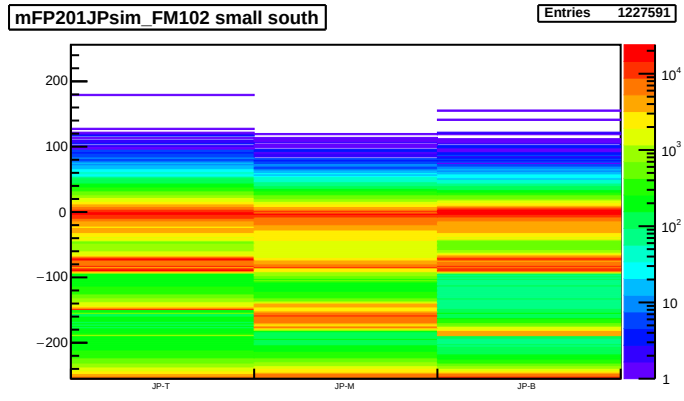

mFP201BS_FM104 large south
Entries 8304715
68757
144076
200321
320391
233999
1.59219e+06
1.51687e+06
1.46062e+06
1.34055e+06
1.42694e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

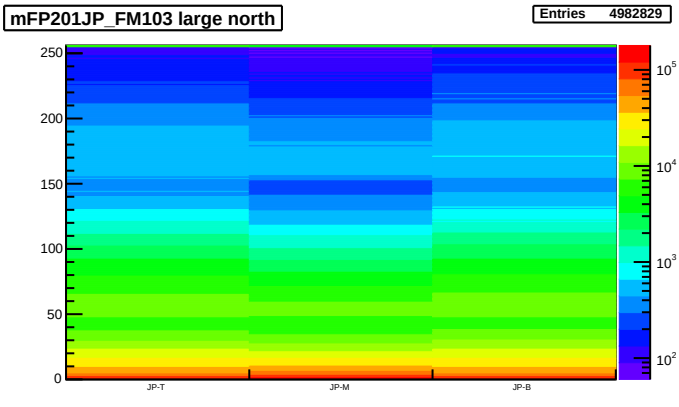

mFP201BSsim_FM104 large south
Entries 1247161
1
320
84567
752
100973
255193
248820
114051
335752
106732
BS3
BS2
BS1-T
BS1-M
BS1-B

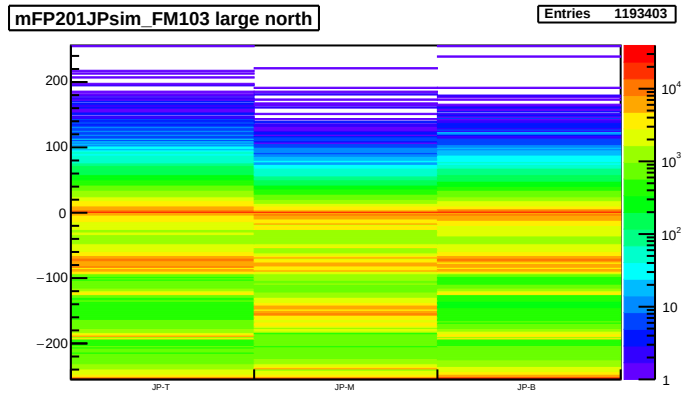

mFP201JP_FM101 small north
Entries 4982829
JP-T
JP-M
JP-B

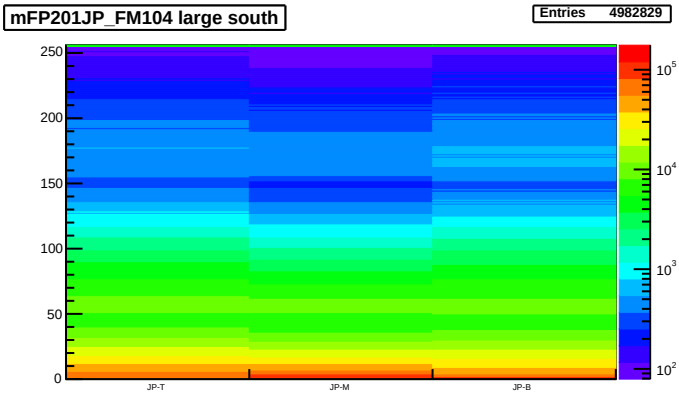

mFP201JPsim_FM101 small north
Entries 1136776
JP-T
JP-M
JP-B

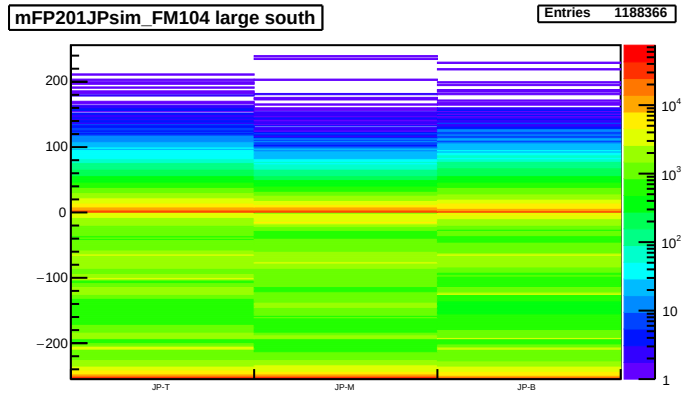

mFP201JP_FM102 small south
Entries 4982829
JP-T
JP-M
JP-B

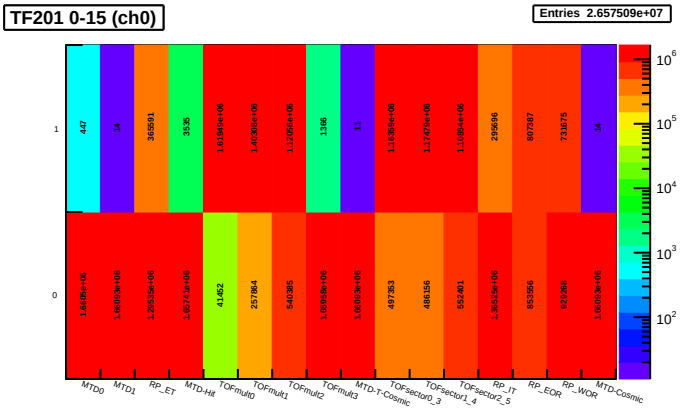

mFP201JPsim_FM102 small south
Entries 1227591
JP-T
JP-M
JP-B

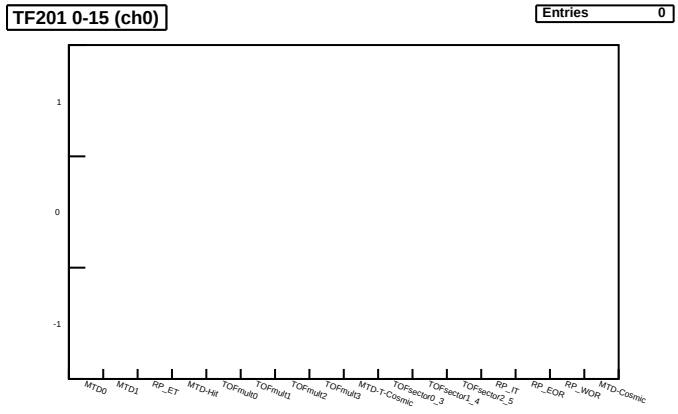

mFP201JP_FM103 large north
Entries 4982829
JP-T
JP-M
JP-B

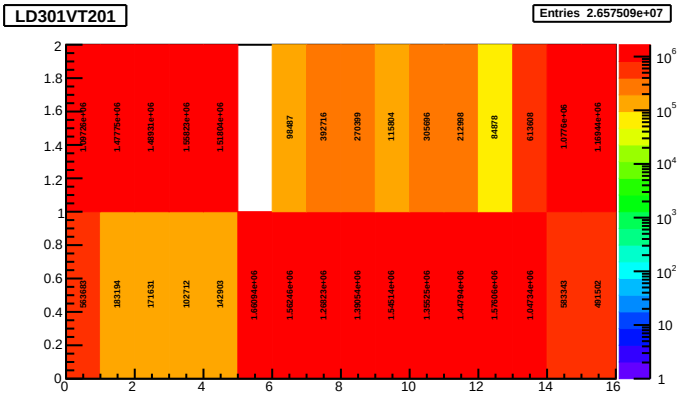

mFP201JPsim_FM103 large north
Entries 1193403
JP-T
JP-M
JP-B

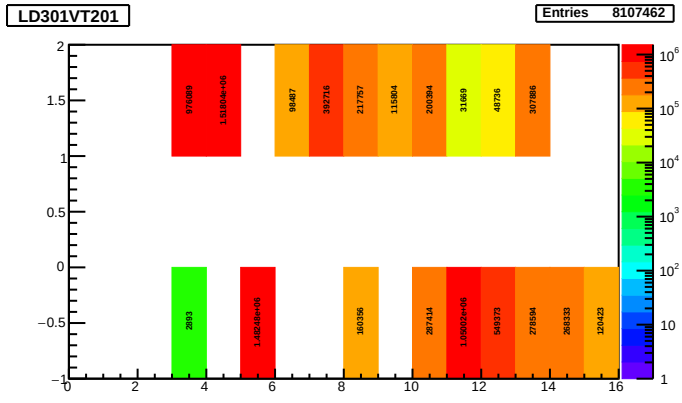

mFP201JP_FM104 large south
Entries 4982829
JP-T
JP-M
JP-B

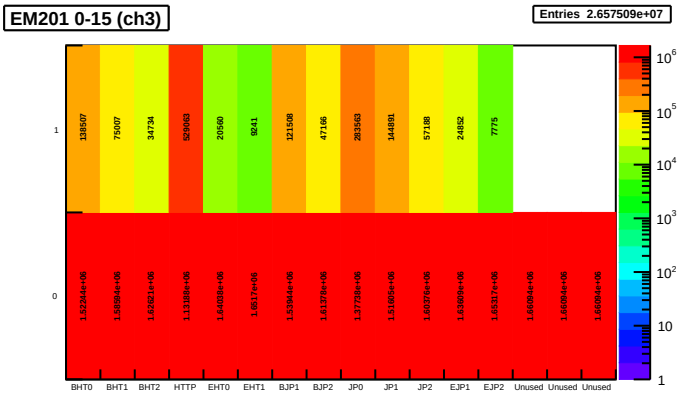

mFP201JPsim_FM104 large south
Entries 1188366
JP-T
JP-M
JP-B

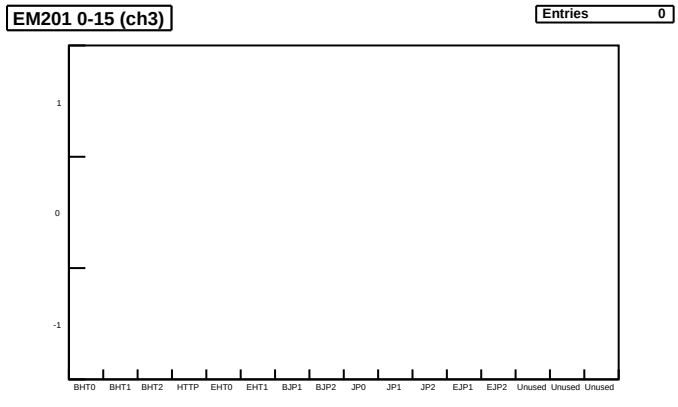

TF201 0-15 (ch0)
Entries 2.657509e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

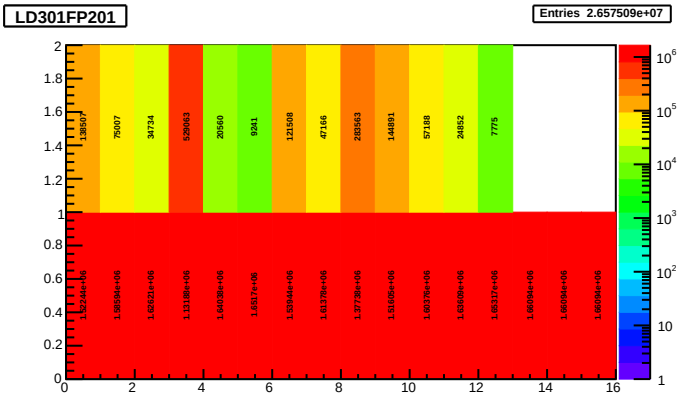

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

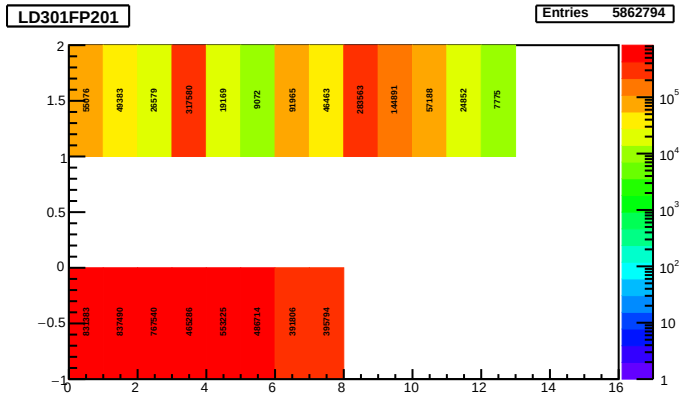

LD301VT201
Entries 2.657509e+07


LD301VT201
Entries 8107462


EM201 0-15 (ch3)
Entries 2.657509e+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 2.657509e+07


LD301FP201
Entries 5862794