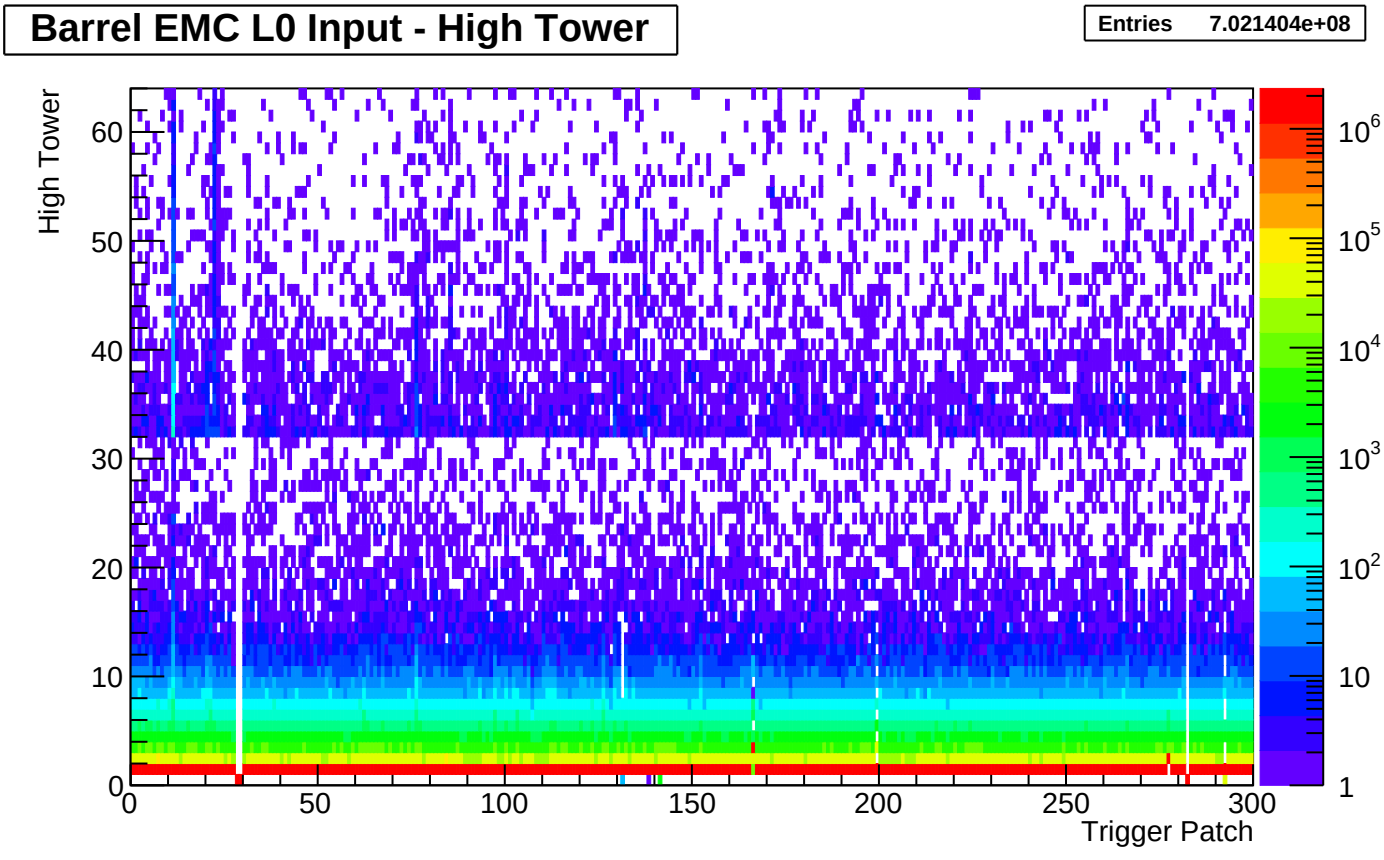
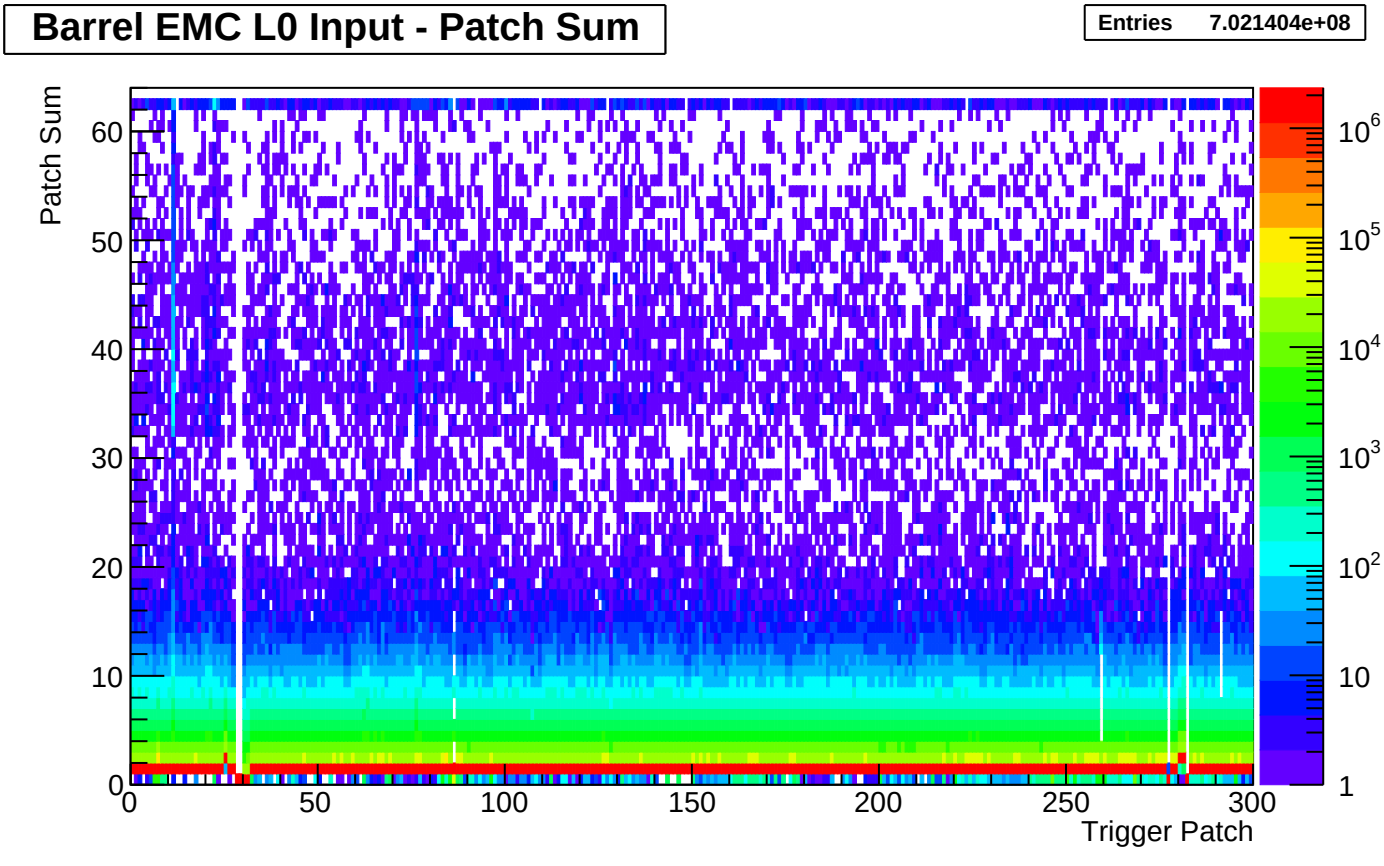
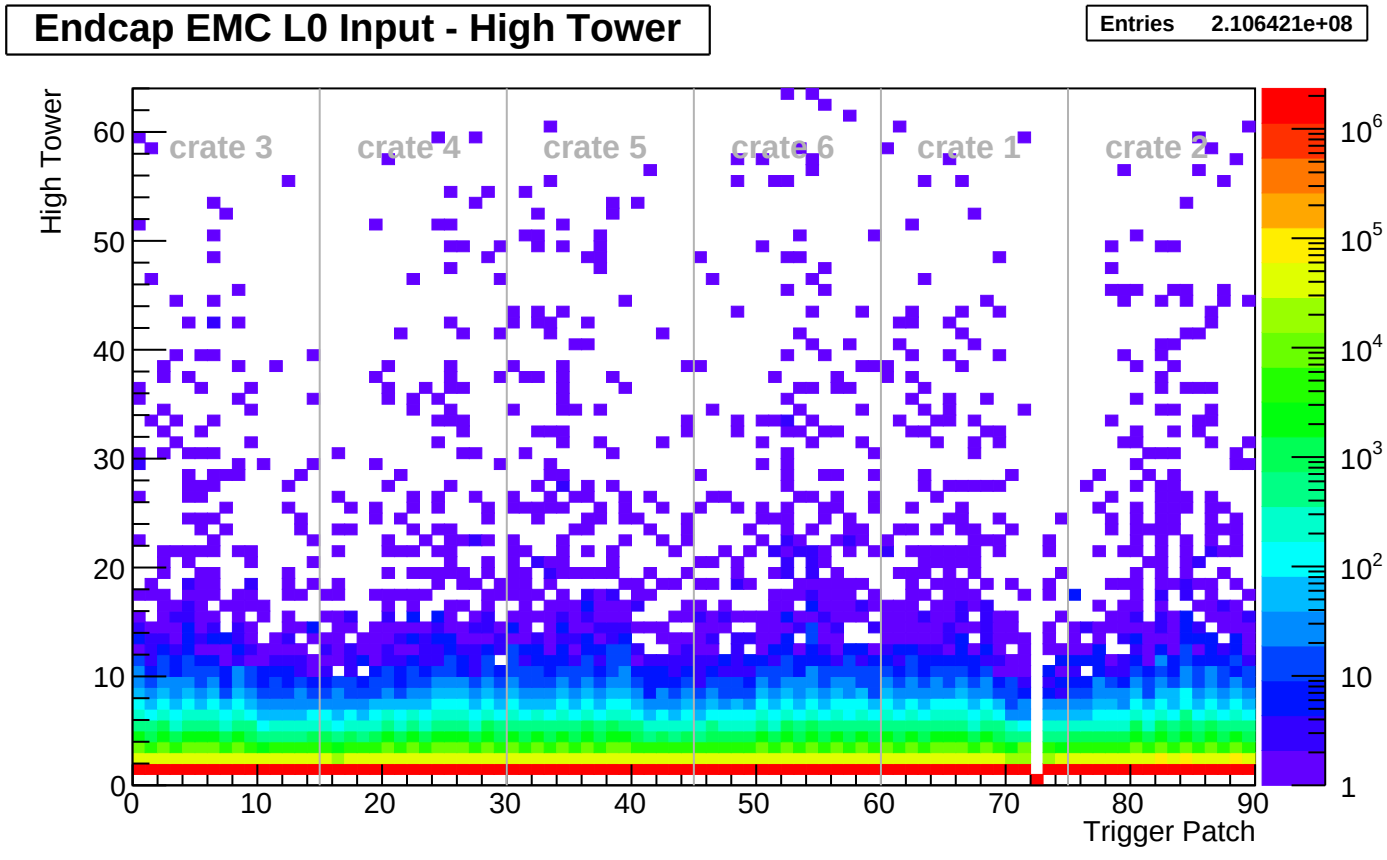
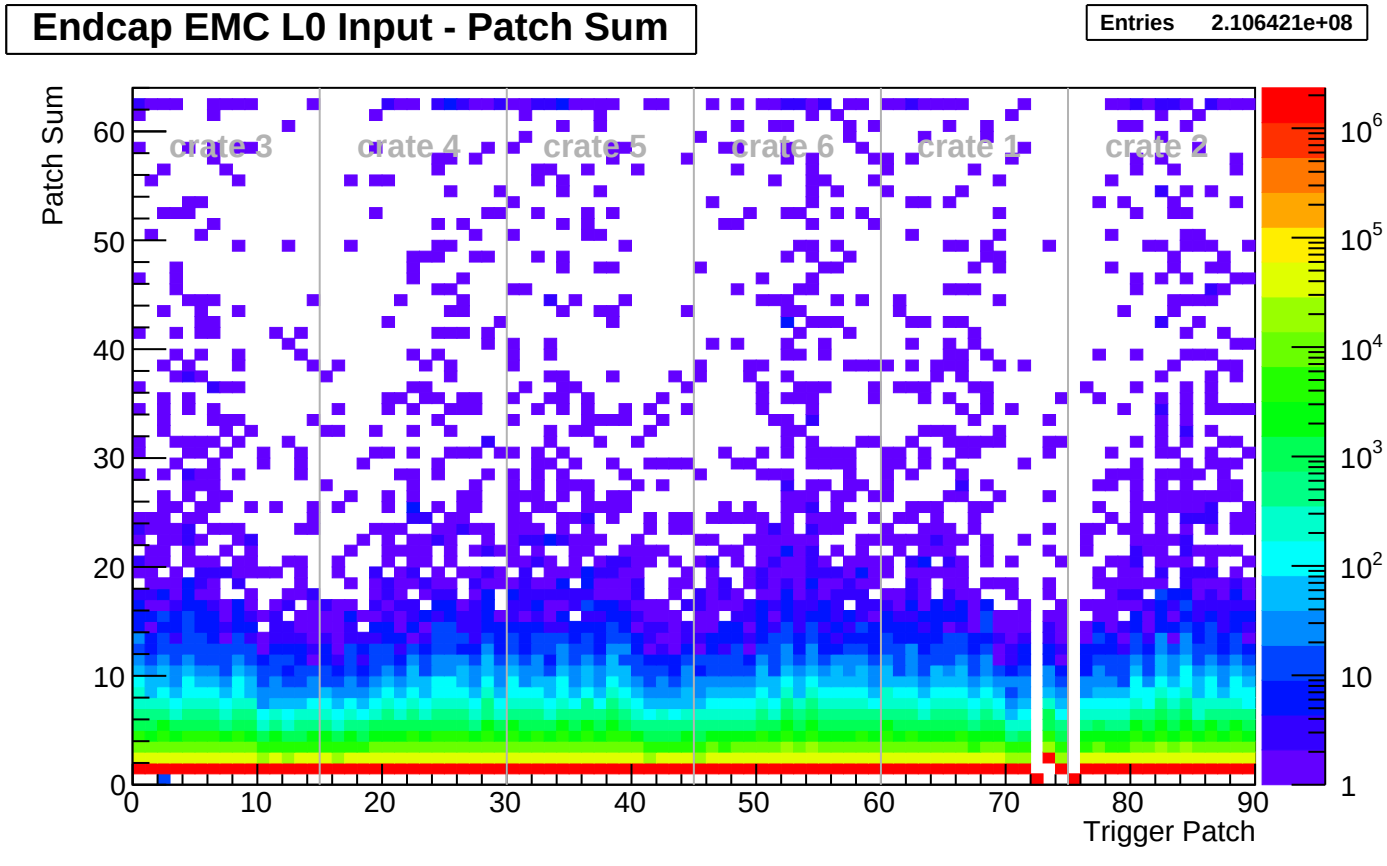
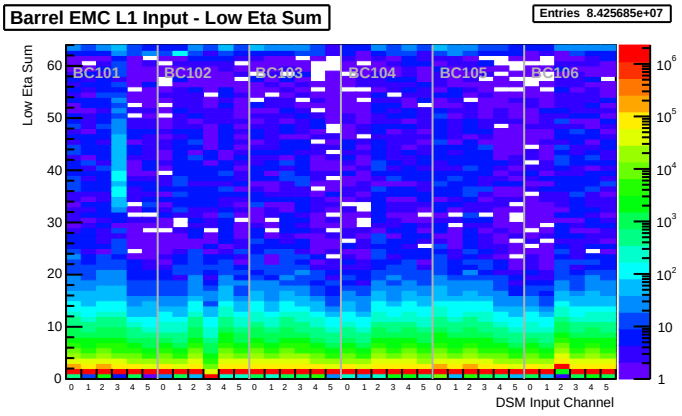
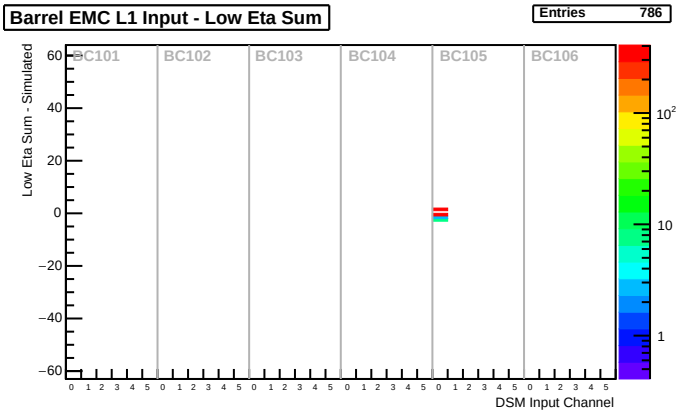

Barrel EMC L0 Input - High Tower
Entries 7.021404e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

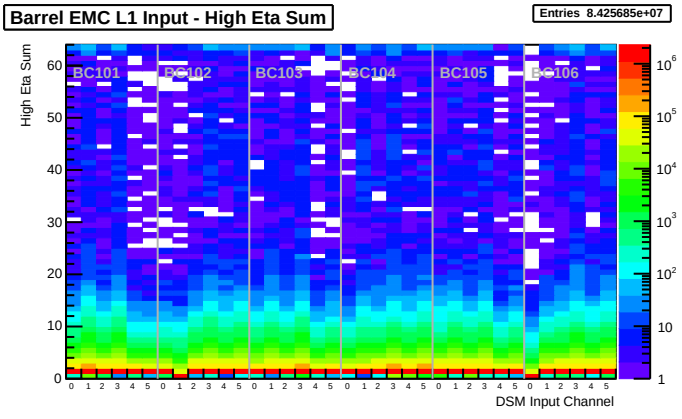

Barrel EMC L0 Input - Patch Sum
Entries 7.021404e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

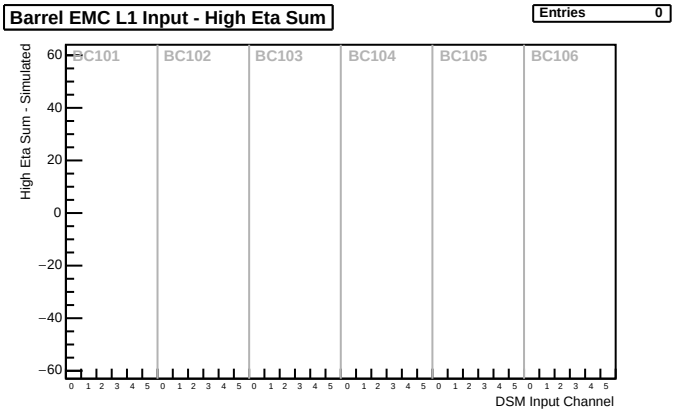

Endcap EMC L0 Input - High Tower
Entries 2.106421e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

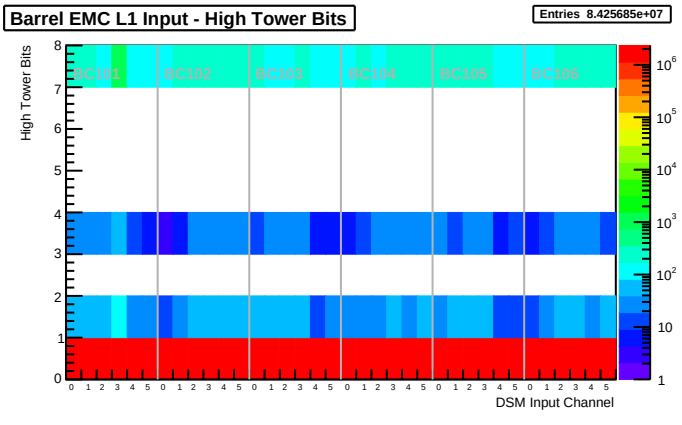

Endcap EMC L0 Input - Patch Sum
Entries 2.106421e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

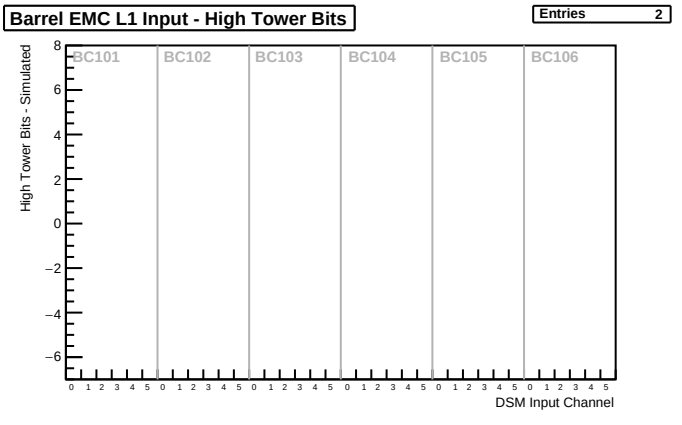

Barrel EMC L1 Input - Low Eta Sum
Entries 8.425685e+07
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

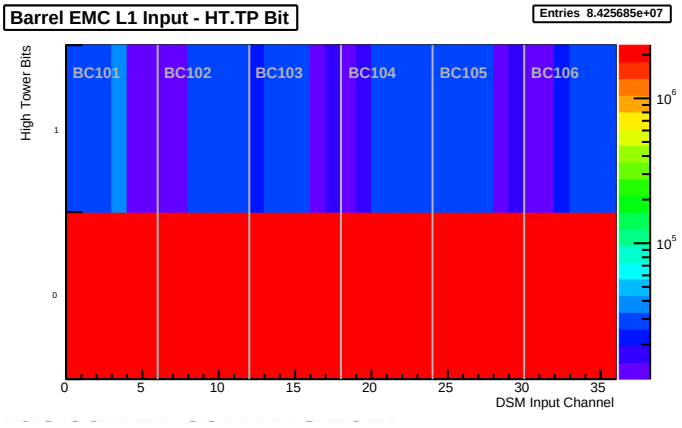

Barrel EMC L1 Input - Low Eta Sum
Entries 786
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

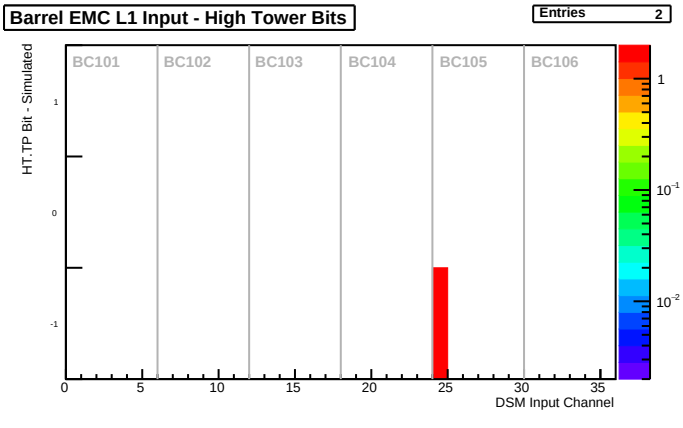

Barrel EMC L1 Input - High Eta Sum
Entries 8.425685e+07
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

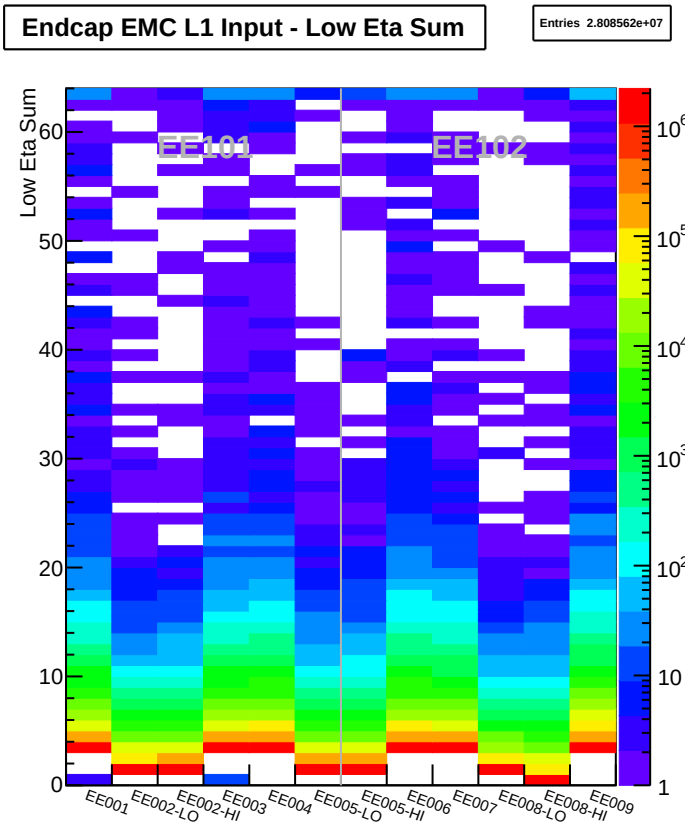

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

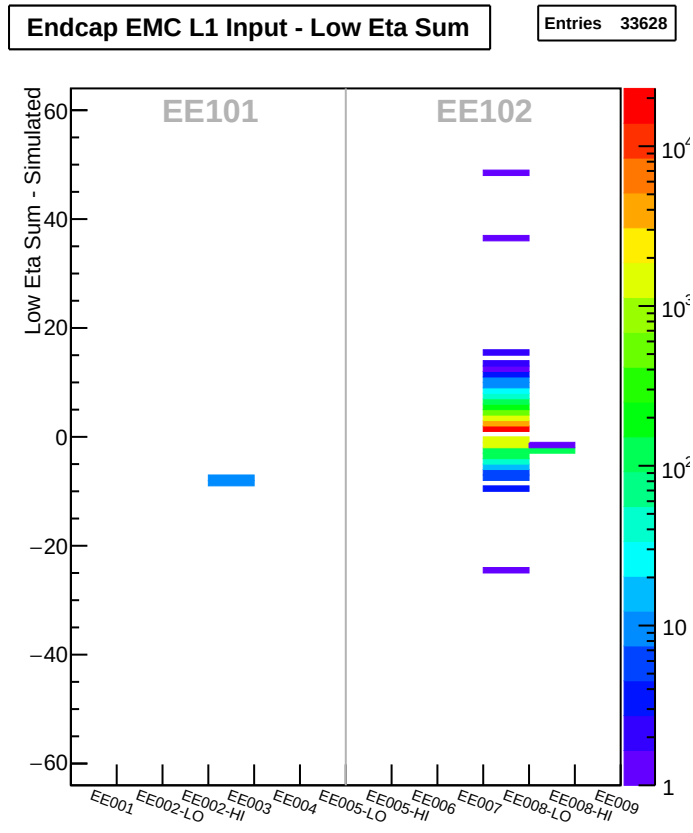

Barrel EMC L1 Input - High Tower Bits
Entries 8.425685e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

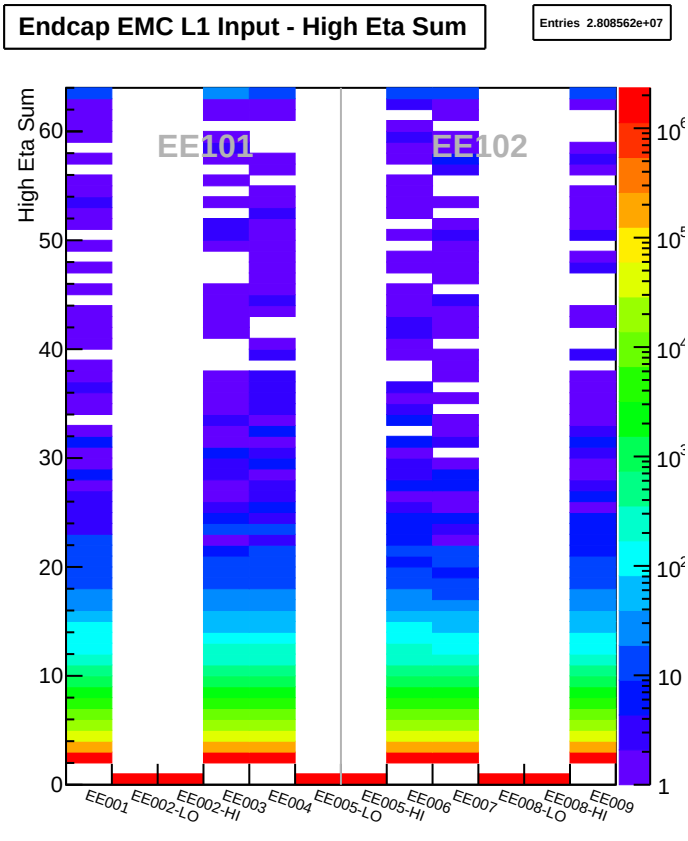

Barrel EMC L1 Input - High Tower Bits
Entries 2
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

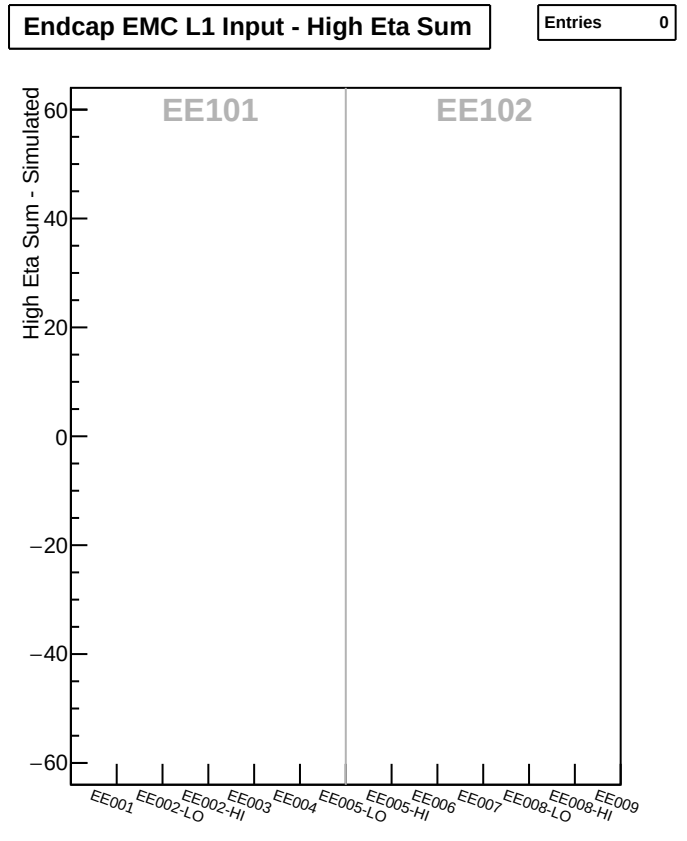

Barrel EMC L1 Input - HT.TP Bit
Entries 8.425685e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel


Barrel EMC L1 Input - High Tower Bits
Entries 2
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

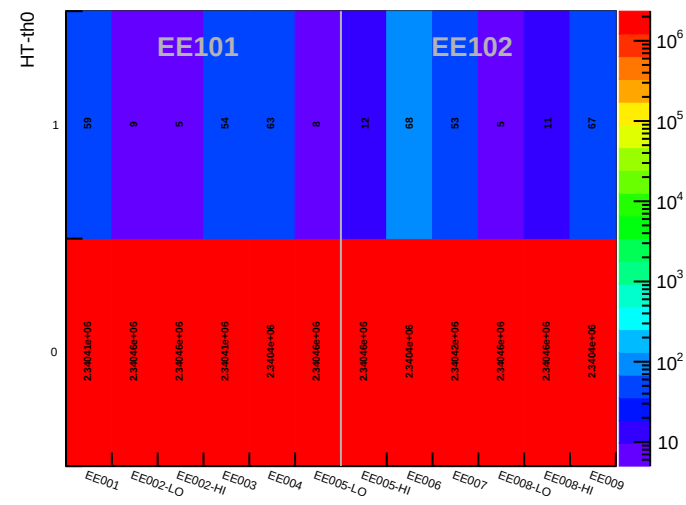

Endcap EMC L1 Input - Low Eta Sum
Entries 2.808562e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009


Endcap EMC L1 Input - Low Eta Sum
Entries 33628
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

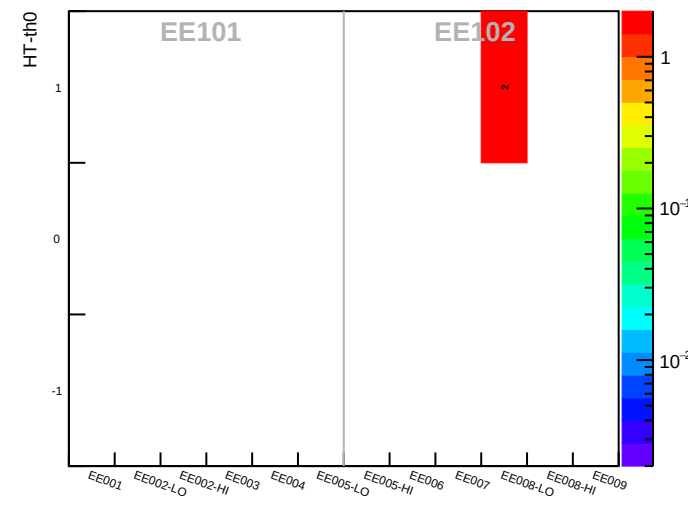

Endcap EMC L1 Input - High Eta Sum
Entries 2.808562e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009


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

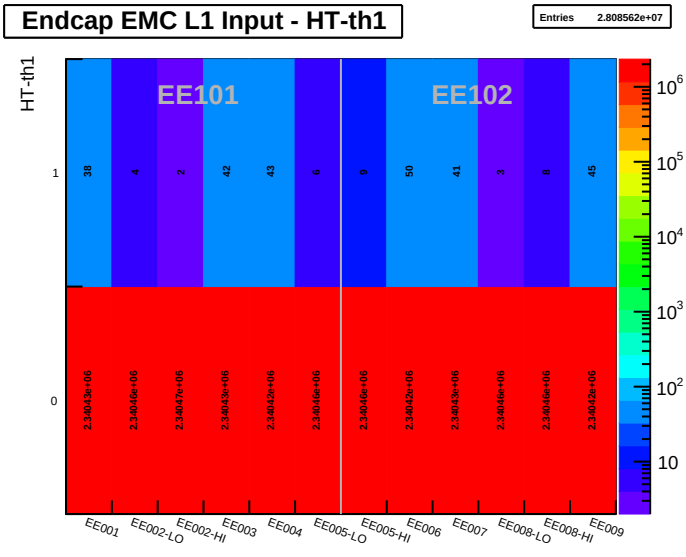
Endcap EMC L1 Input - HT-th0



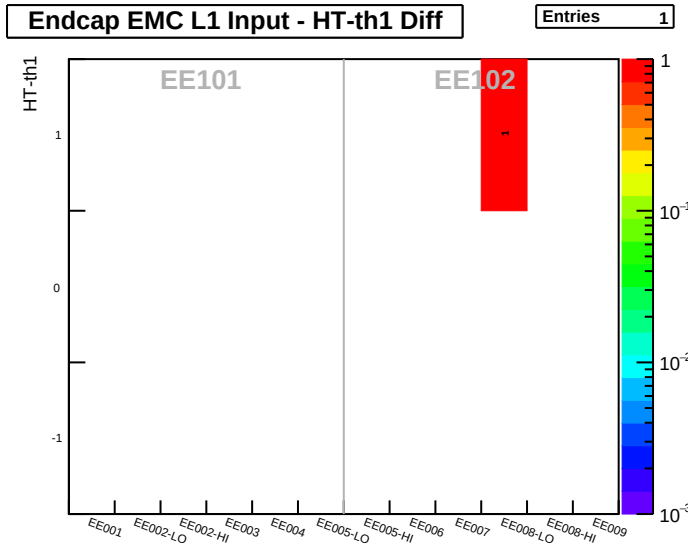
Endcap EMC L1 Input - HT-th0 Diff



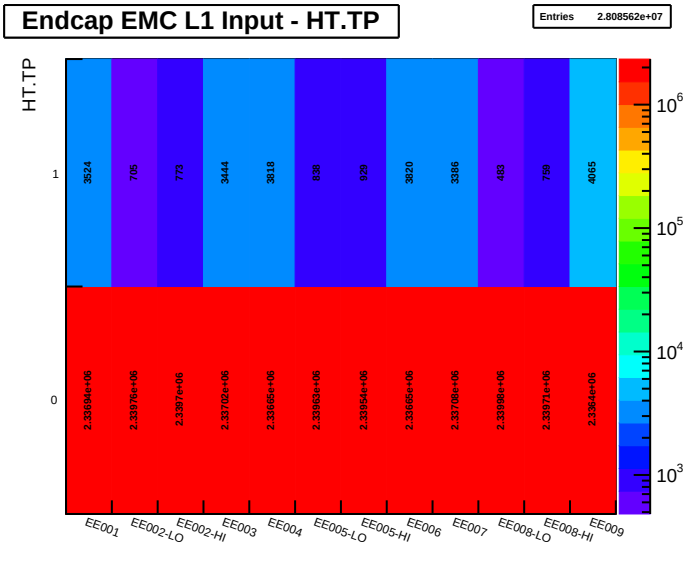
Endcap EMC L1 Input - HT-th1



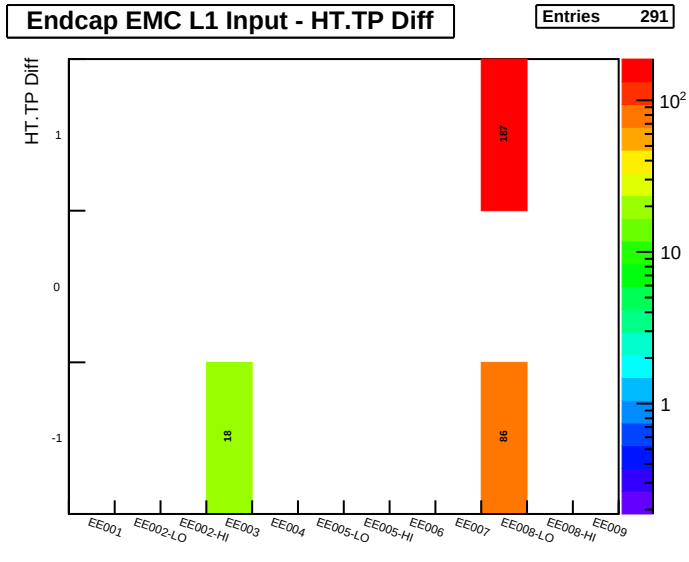
Endcap EMC L1 Input - HT-th1 Diff

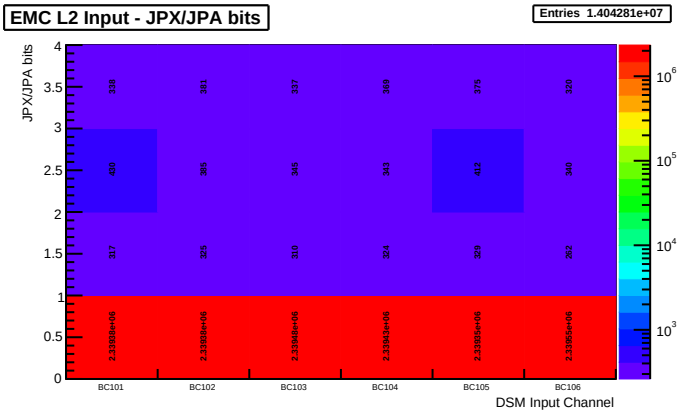


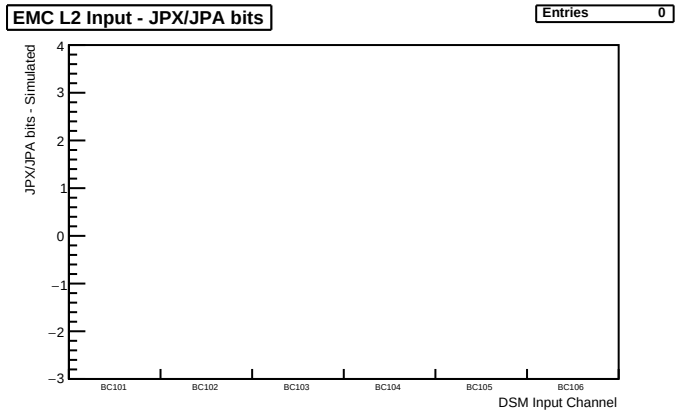
Endcap EMC L1 Input - HT.TP

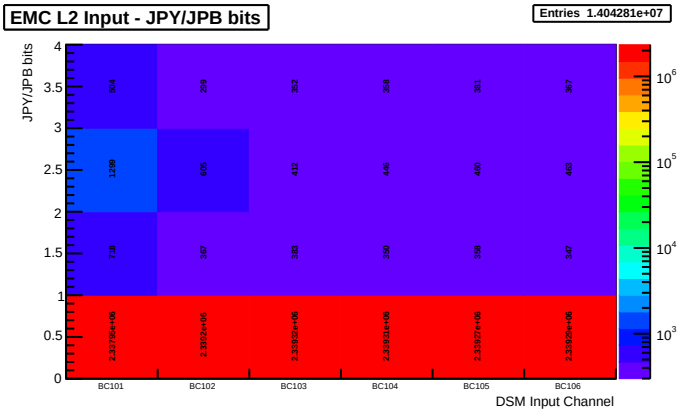


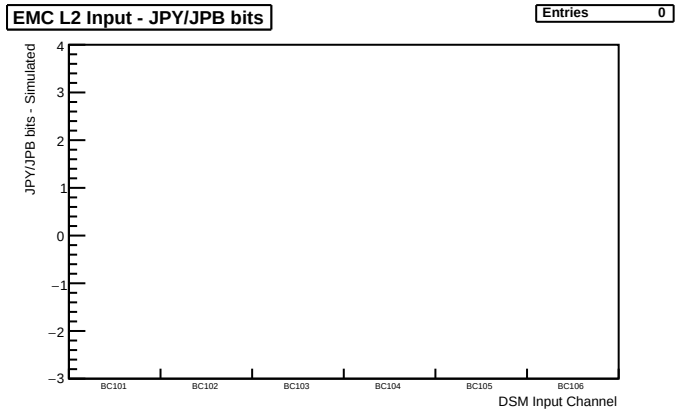
Endcap EMC L1 Input - HT.TP Diff

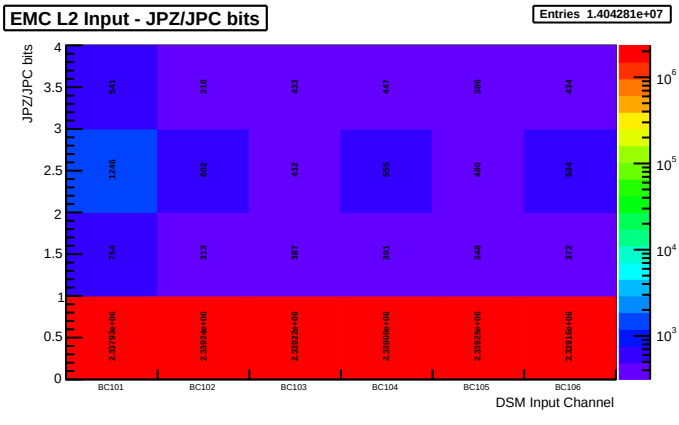


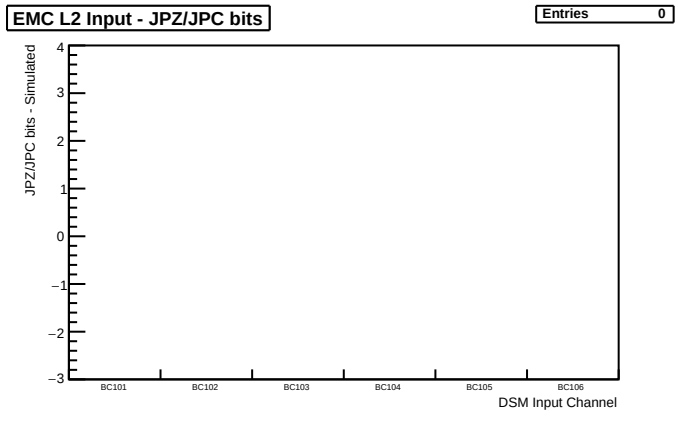

EMC L2 Input - JPX/JPA bits
Entries 1.404281e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

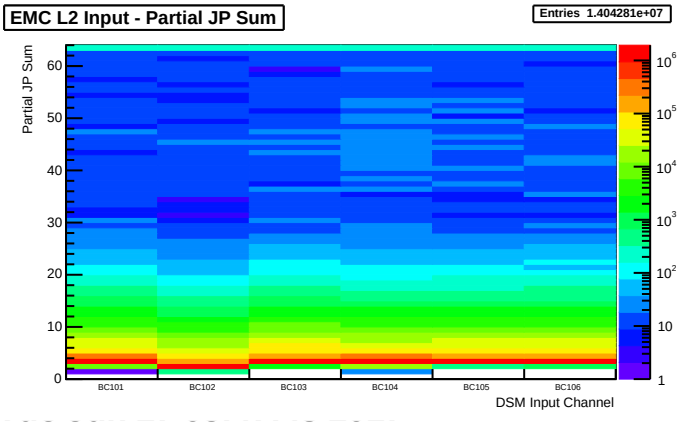

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

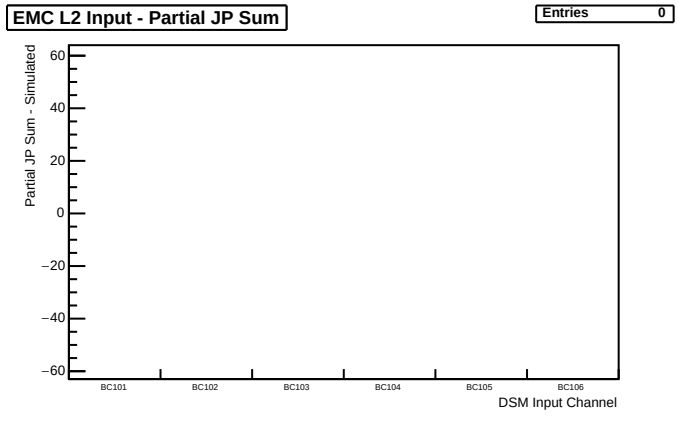

EMC L2 Input - JPY/JPB bits
Entries 1.404281e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

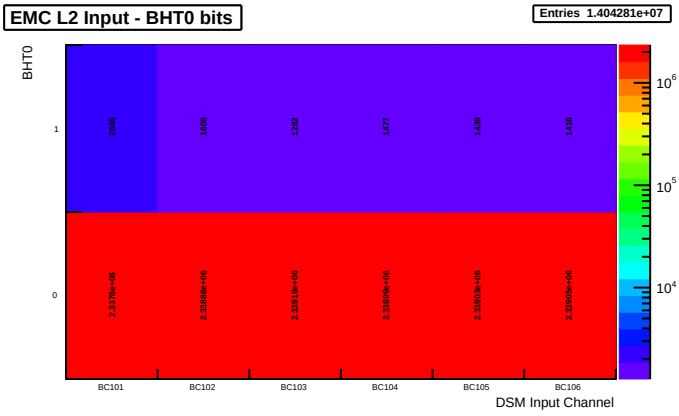

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

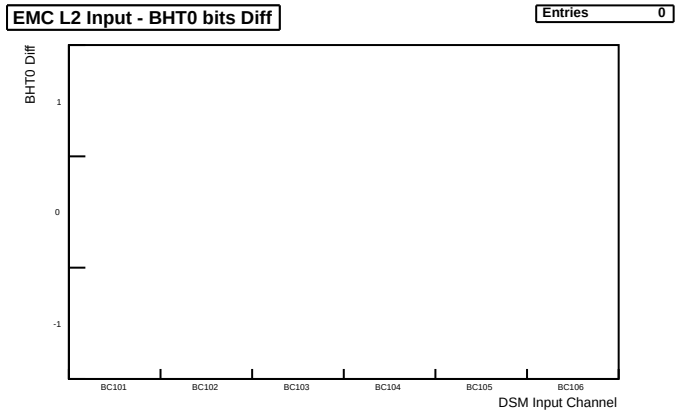

EMC L2 Input - JPZ/JPC bits
Entries 1.404281e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

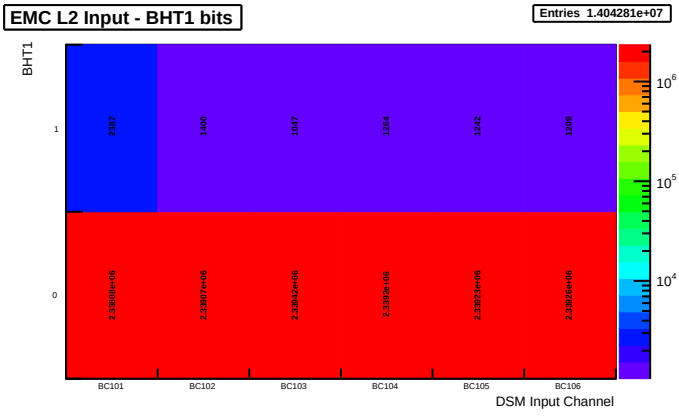

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

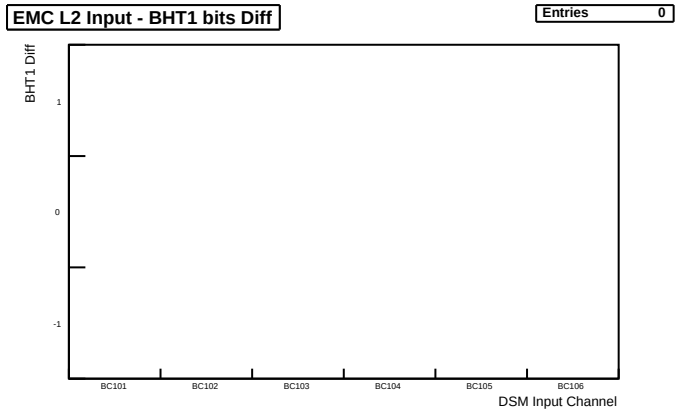

EMC L2 Input - Partial JP Sum
Entries 1.404281e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

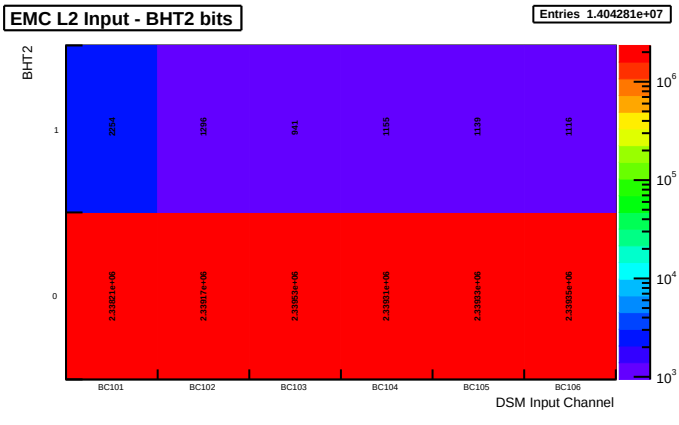

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

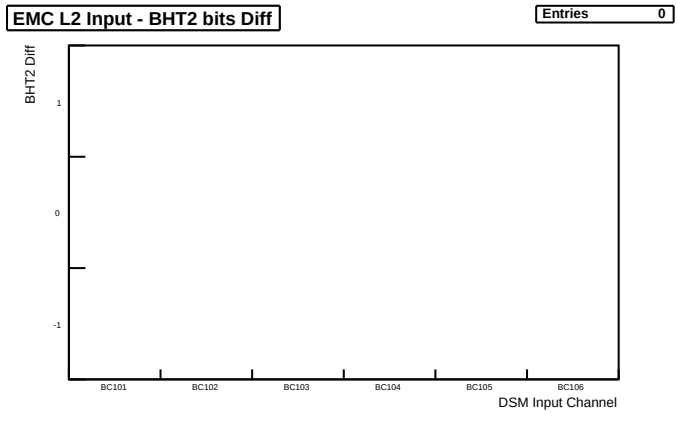

EMC L2 Input - BHT0 bits
Entries 1.404281e+07
BHT0
1
0
2685
1699
1282
1477
1439
1418
2.33879e+06
2.33886e+06
2.33919e+06
2.33899e+06
2.33903e+06
2.33905e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5
10^4

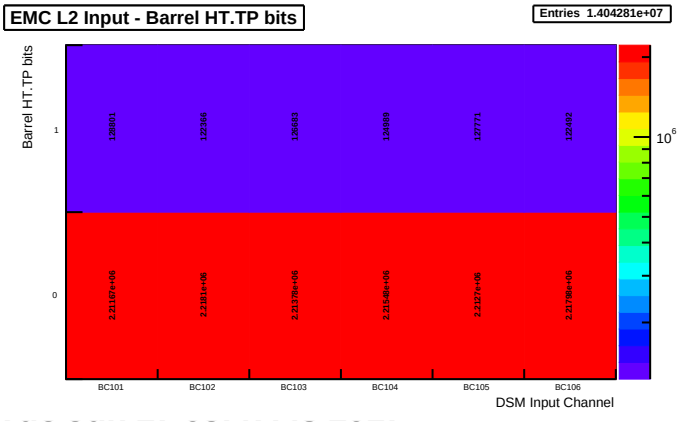

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

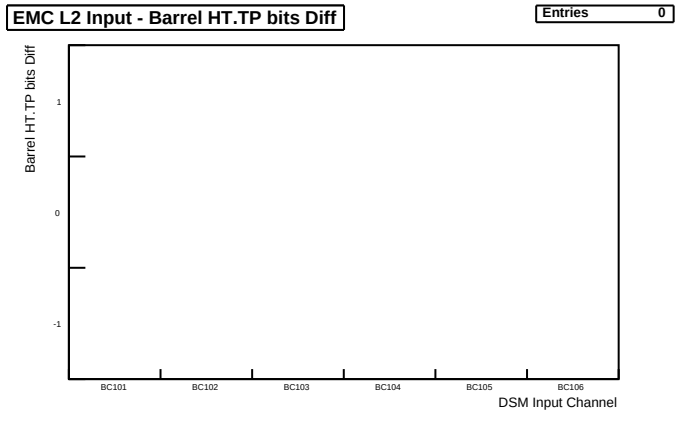

EMC L2 Input - BHT1 bits
Entries 1.404281e+07
BHT1
1
0
2387
1400
1047
1264
1242
1209
2.33908e+06
2.33907e+06
2.33942e+06
2.33926e+06
2.33923e+06
2.33926e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5
10^4

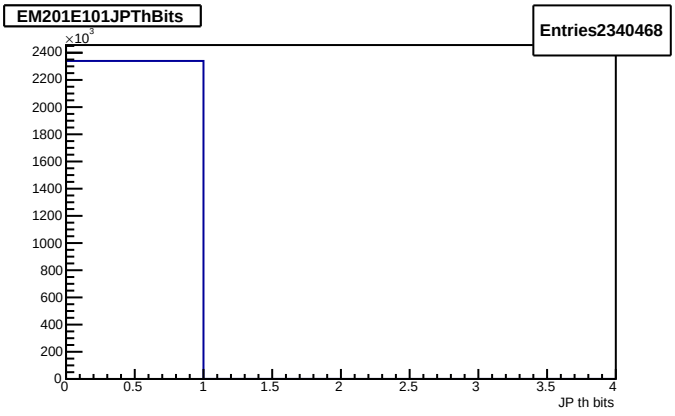

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

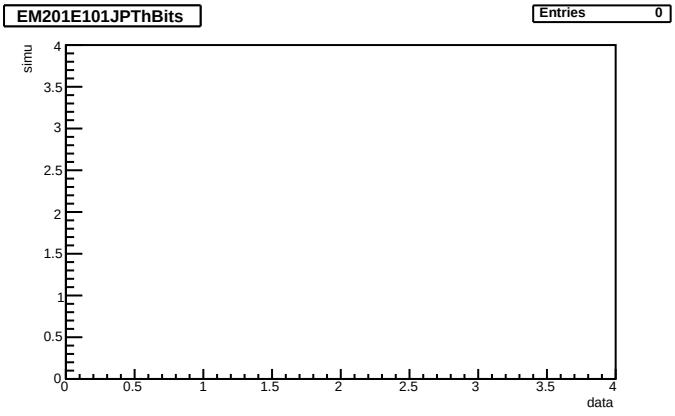

EMC L2 Input - BHT2 bits
Entries 1.404281e+07
BHT2
1
0
2254
1296
941
1155
1139
1116
2.33921e+06
2.33917e+06
2.33953e+06
2.33931e+06
2.33933e+06
2.33935e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5
10^4
10^3

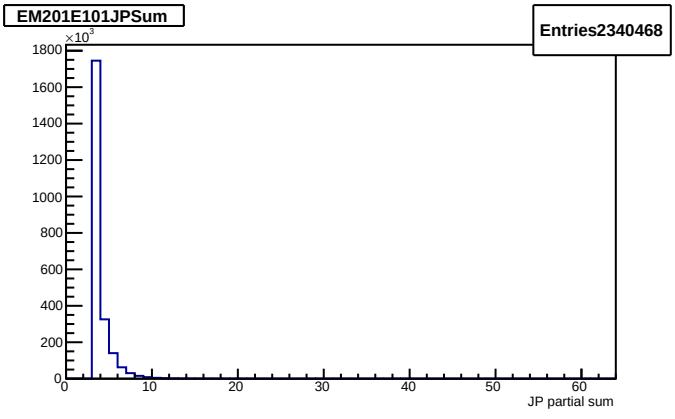

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

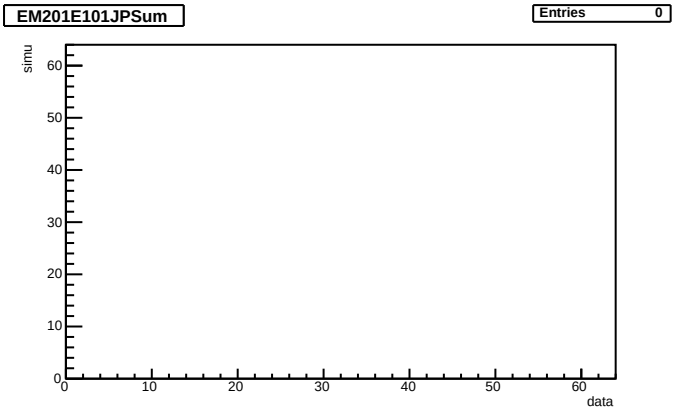

EMC L2 Input - Barrel HT.TP bits
Entries 1.404281e+07
Barrel HT.TP bits
1
0
128601
123365
126683
124989
127771
122402
2.21107e+06
2.2191e+06
2.21789e+06
2.21548e+06
2.22127e+06
2.21798e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6

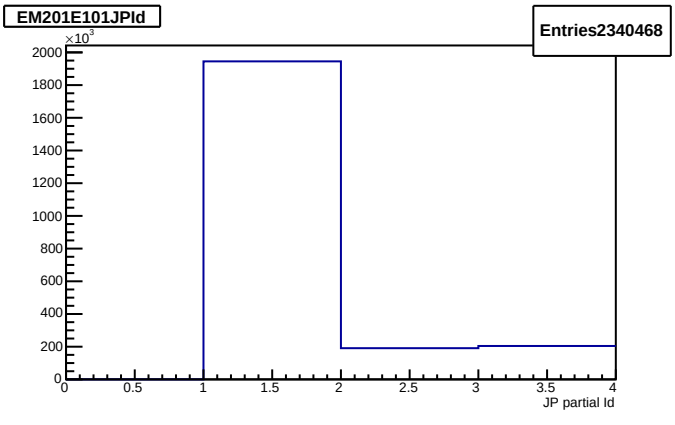

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

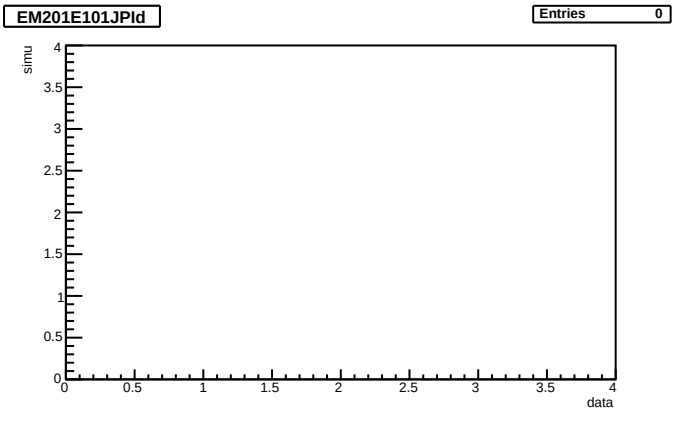

EM201E101JPThBits
Entries2340468
JP th bits

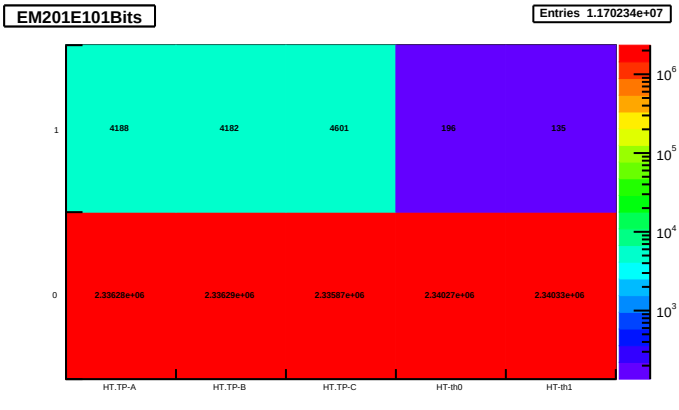

EM201E101JPThBits
Entries 0
simu
data

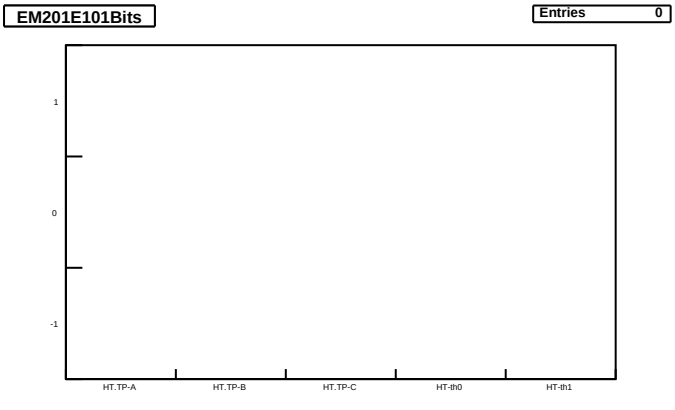

EM201E101JPSum
Entries2340468
JP partial sum

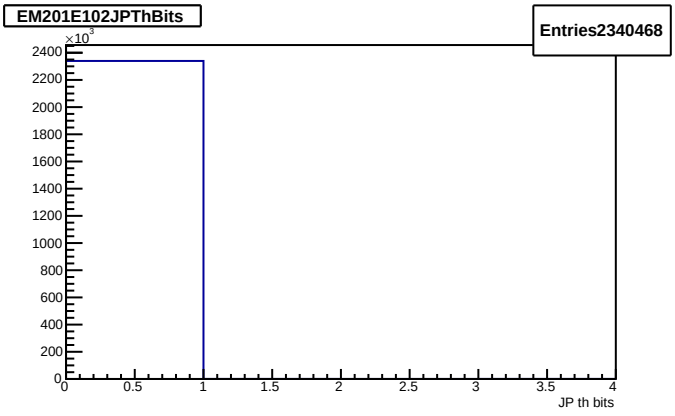

EM201E101JPSum
Entries 0
simu
data

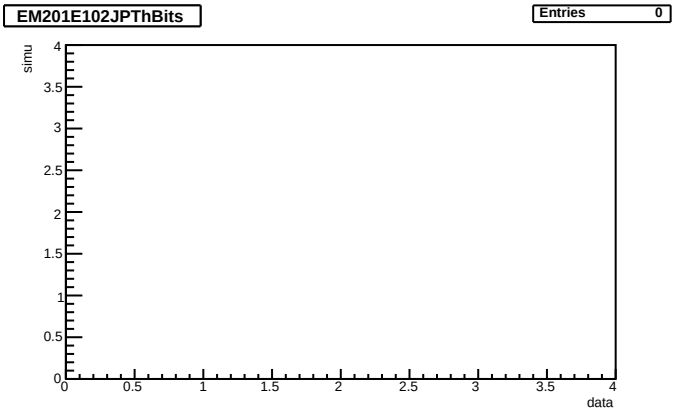

EM201E101JPId
Entries2340468
JP partial Id

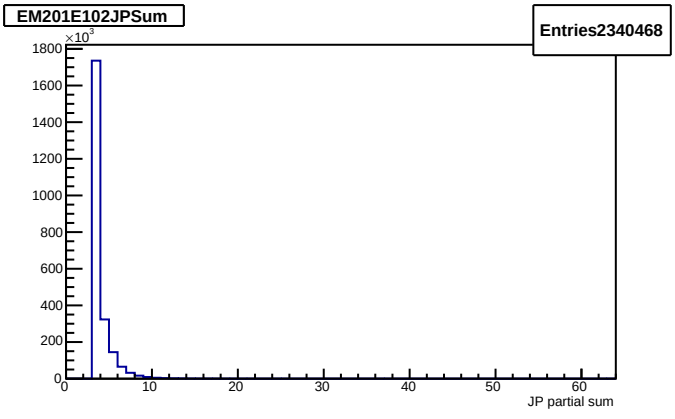

EM201E101JPId
Entries 0
simu
data

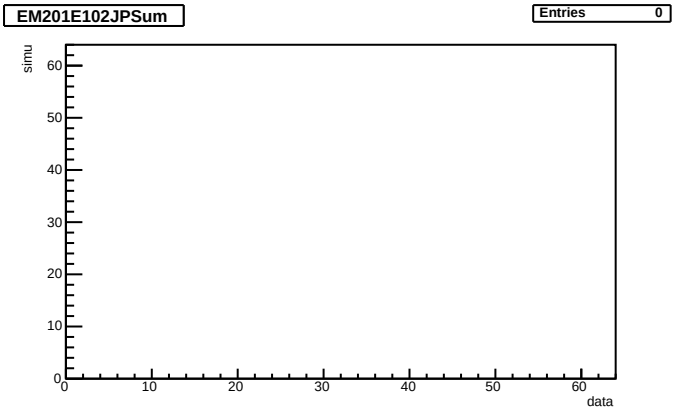

EM201E101Bits
Entries 1.170234e+07
4188
4182
4601
196
135
2.33628e+06
2.33629e+06
2.33587e+06
2.34027e+06
2.34033e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

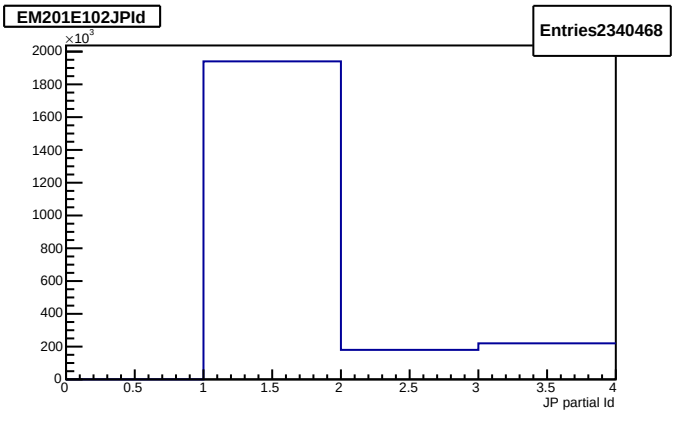

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

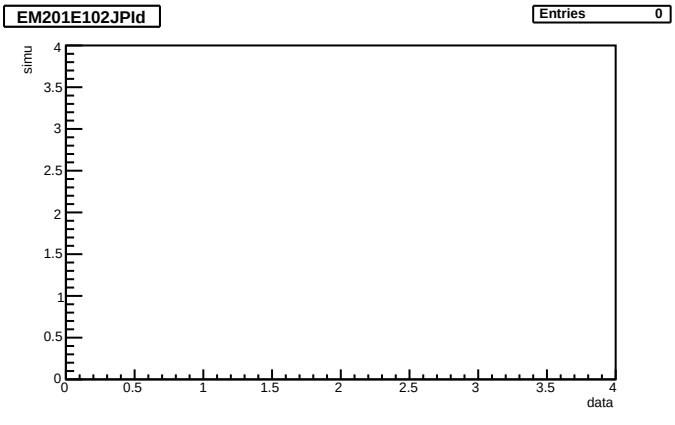

EM201E102JPThBits
Entries2340468
JP th bits

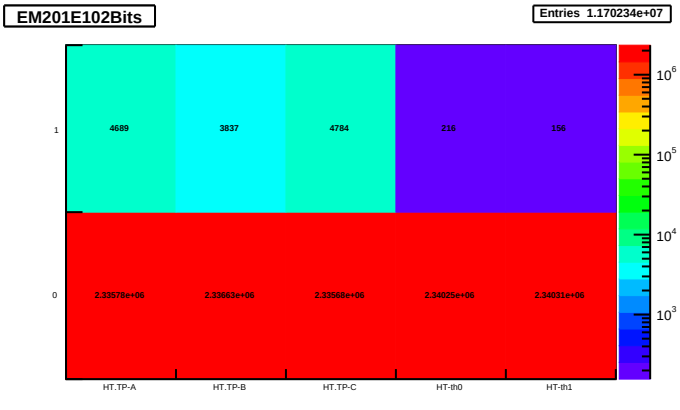

EM201E102JPThBits
Entries 0
simu
data

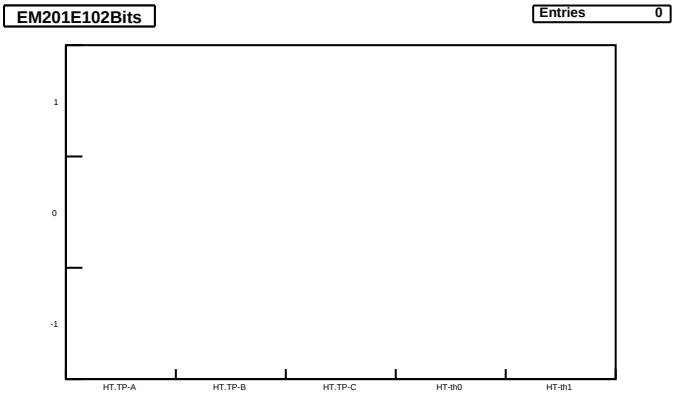

EM201E102JPSum
Entries2340468
JP partial sum

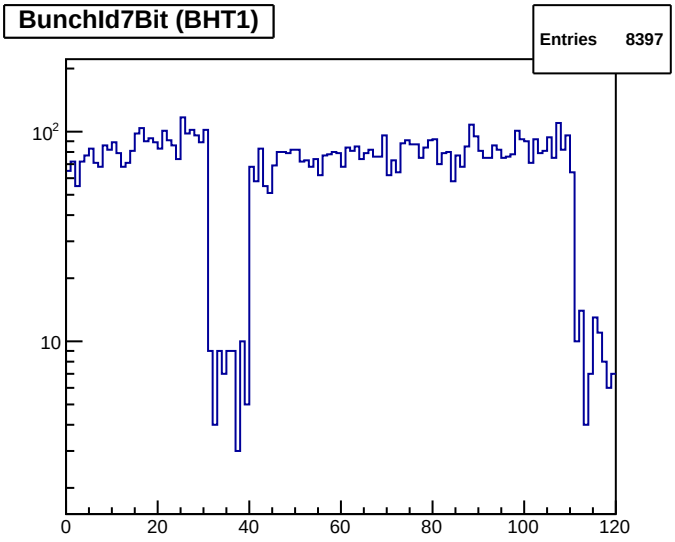

EM201E102JPSum
Entries 0
simu
data

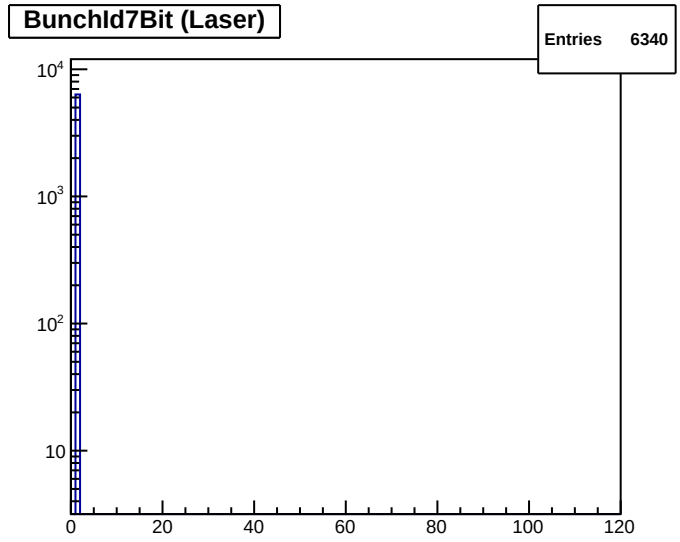

EM201E102JPId
Entries2340468
JP partial Id

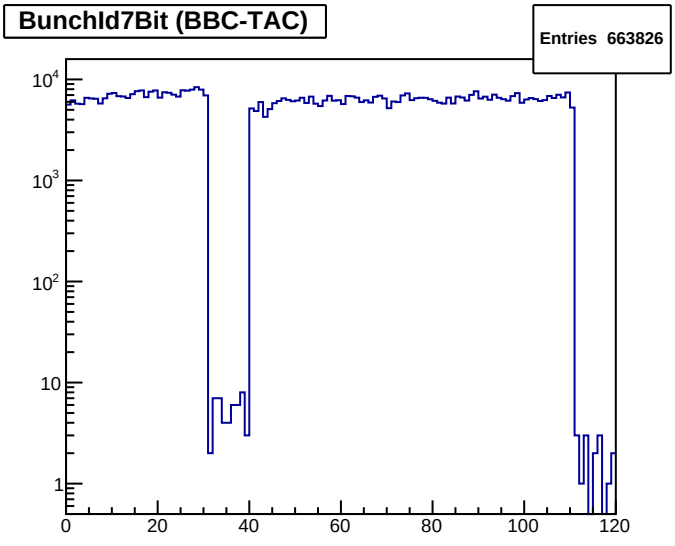

EM201E102JPId
Entries 0
simu
data

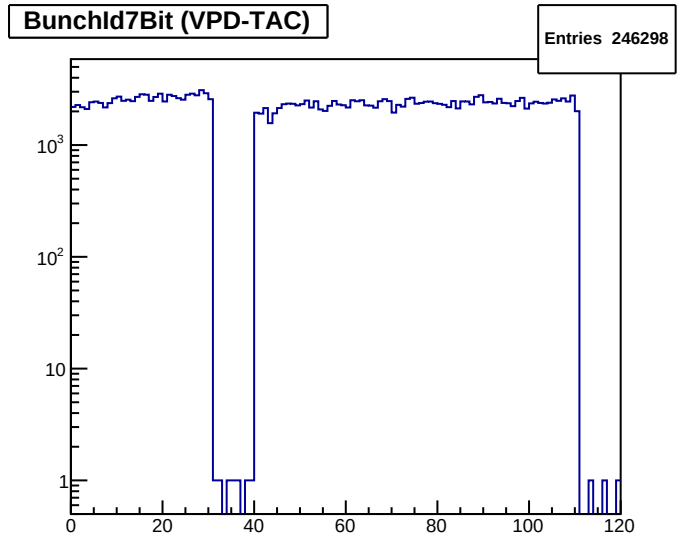

EM201E102Bits
Entries 1.170234e+07
4689
3837
4784
216
156
2.33578e+06
2.33663e+06
2.33568e+06
2.34025e+06
2.34031e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

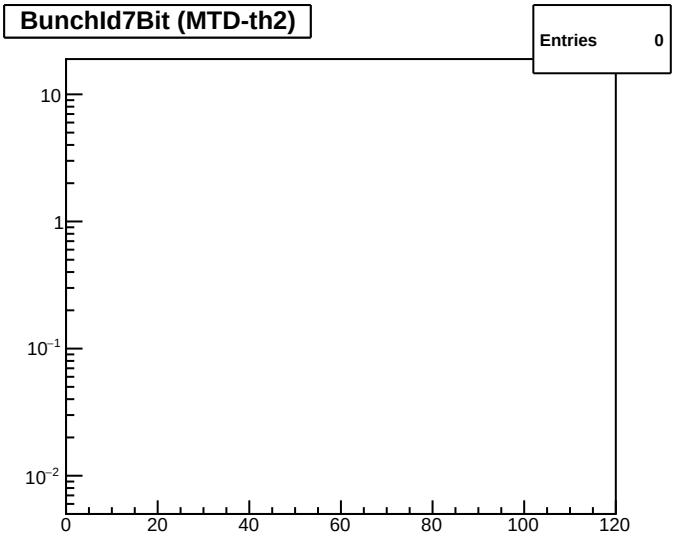

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

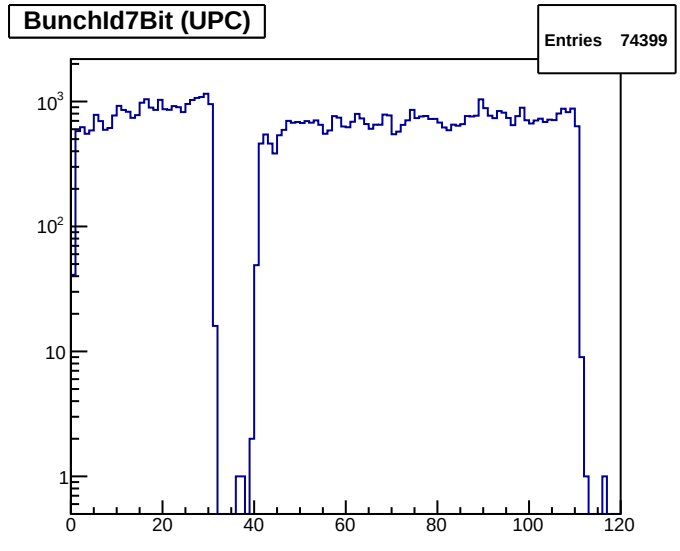

BunchId7Bit (BHT1)
Entries 8397

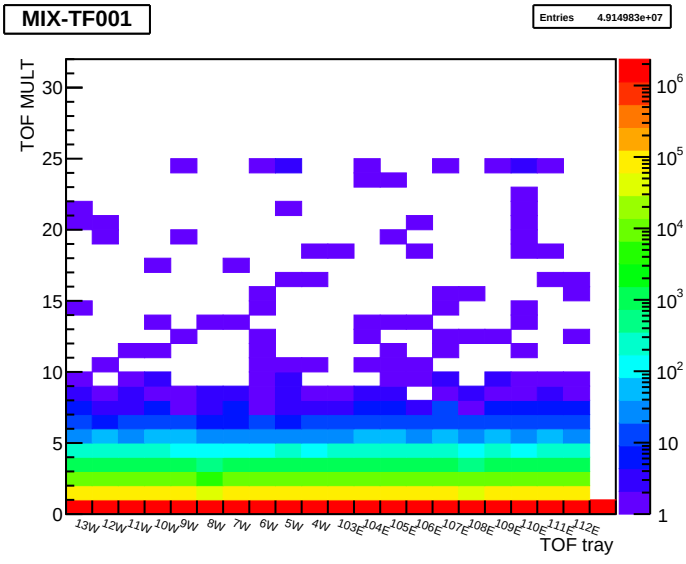

BunchId7Bit (Laser)
Entries 6340

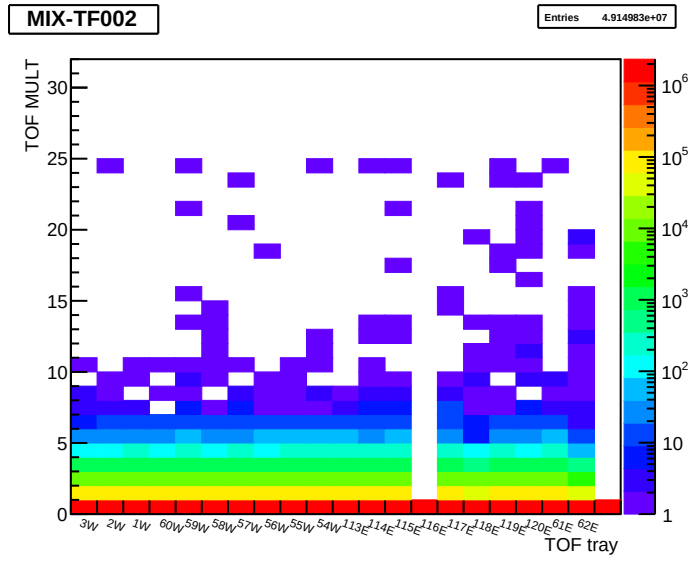

BunchId7Bit (BBC-TAC)
Entries 663826

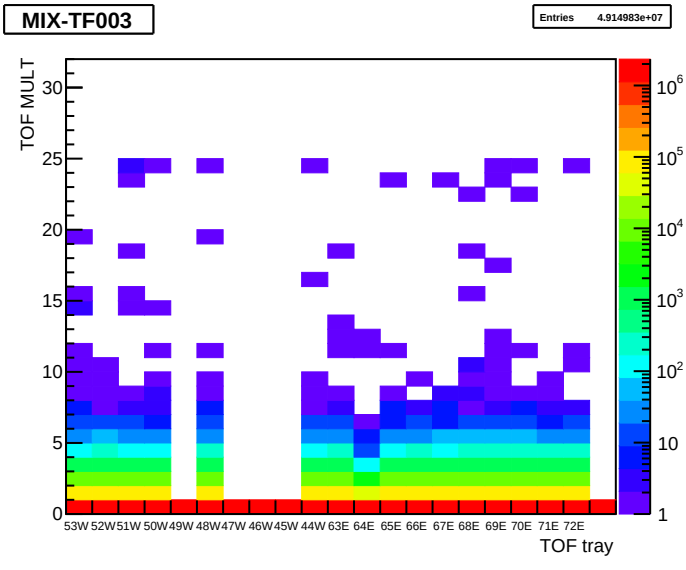

BunchId7Bit (VPD-TAC)
Entries 246298

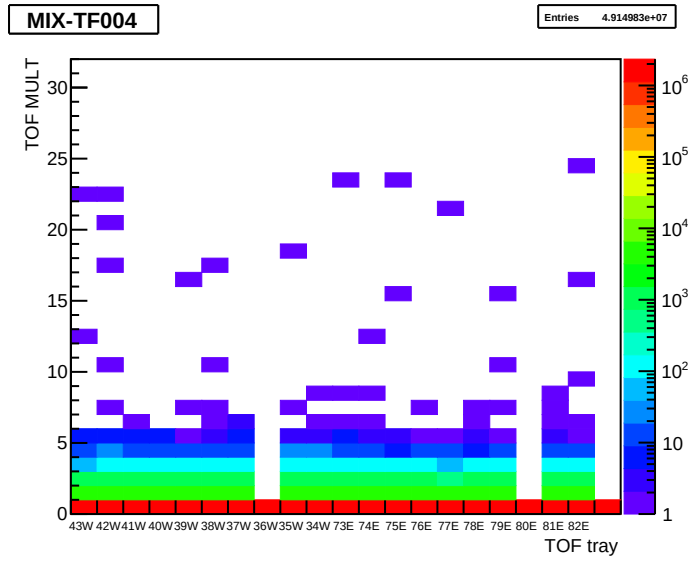

BunchId7Bit (MTD-th2)
Entries 0

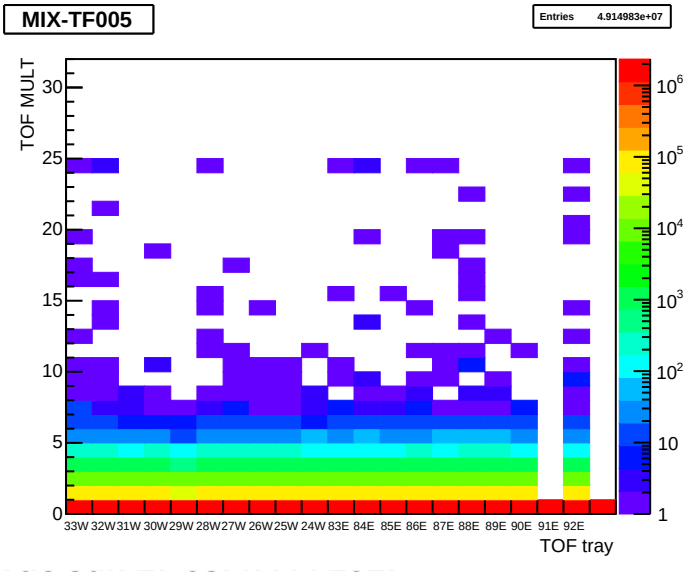

BunchId7Bit (UPC)
Entries 74399

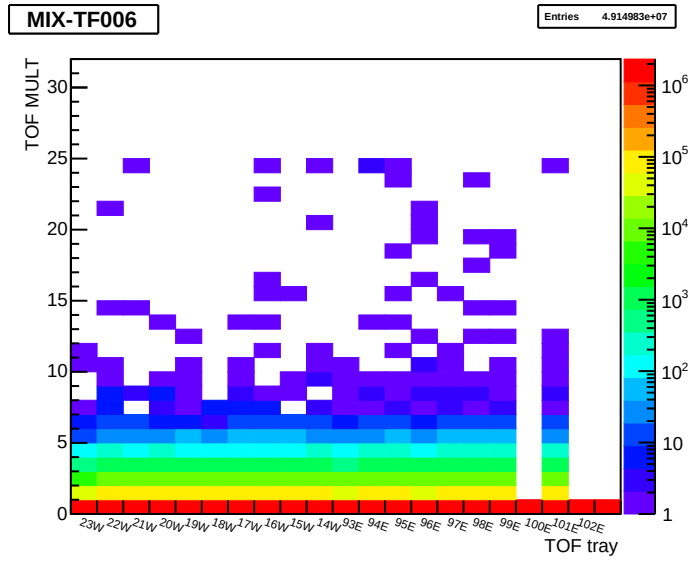

MIX-TF001
Entries 4.914983e+07
TOF MULT
TOF tray

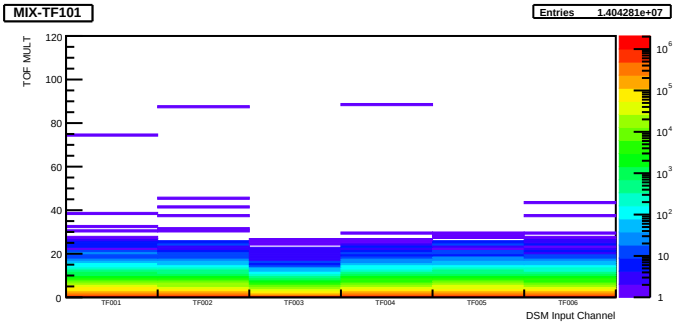

MIX-TF002
Entries 4.914983e+07
TOF MULT
TOF tray

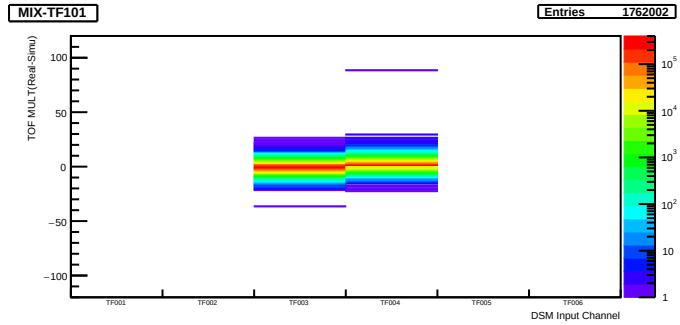

MIX-TF003
Entries 4.914983e+07
TOF MULT
TOF tray

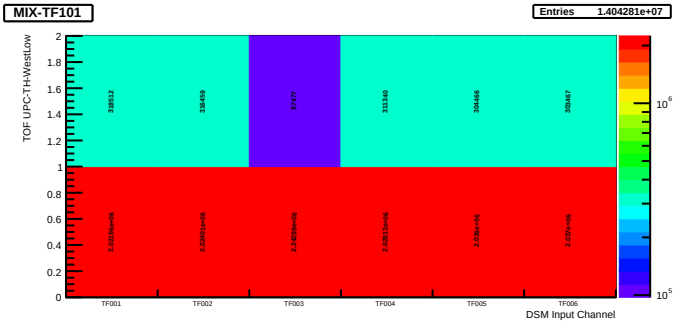

MIX-TF004
Entries 4.914983e+07
TOF MULT
TOF tray

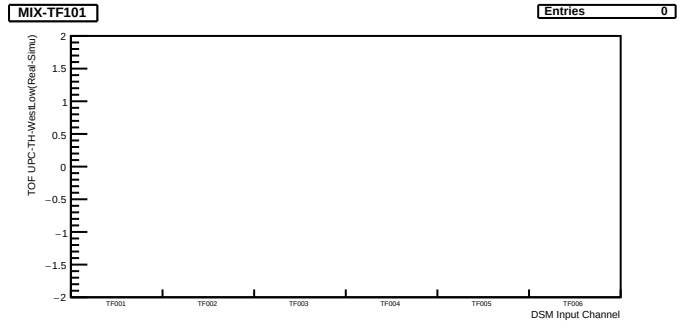

MIX-TF005
Entries 4.914983e+07
TOF MULT
TOF tray

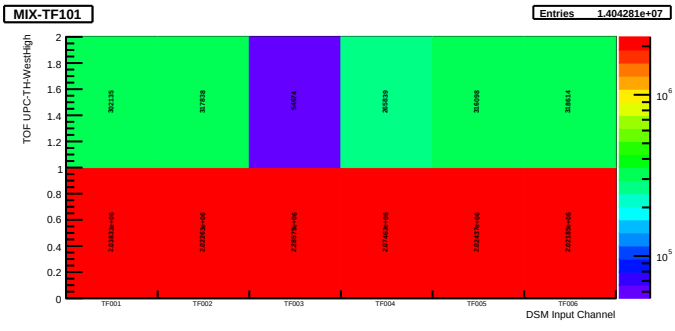

MIX-TF006
Entries 4.914983e+07
TOF MULT
TOF tray

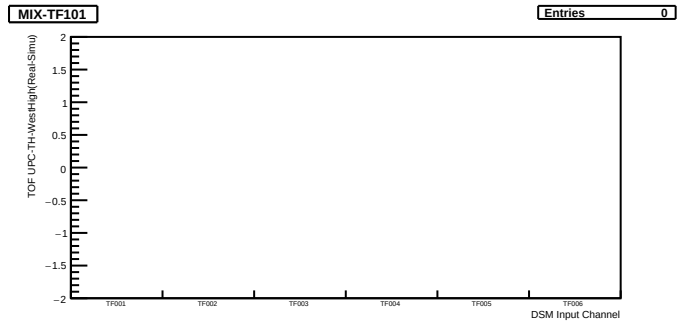

MIX-TF101
Entries 1.404281e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

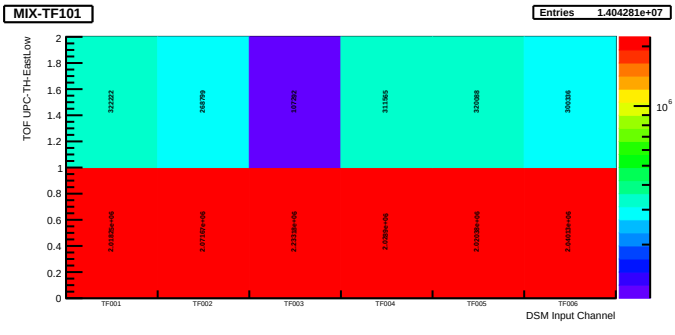

MIX-TF101
Entries 1762002
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

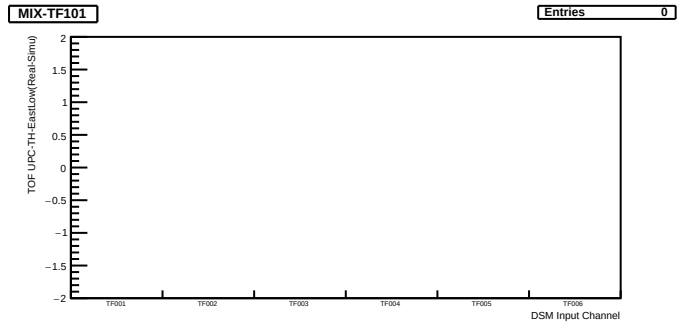

MIX-TF101
Entries 1.404281e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

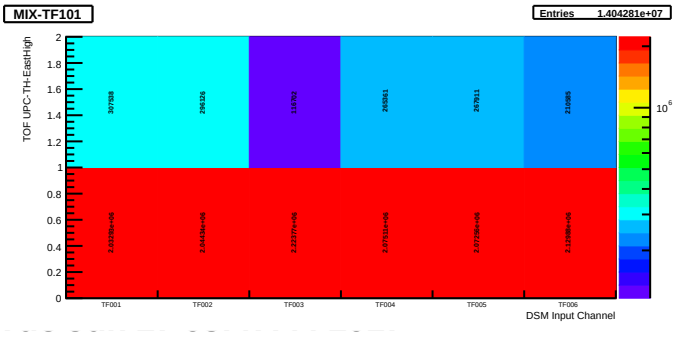

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

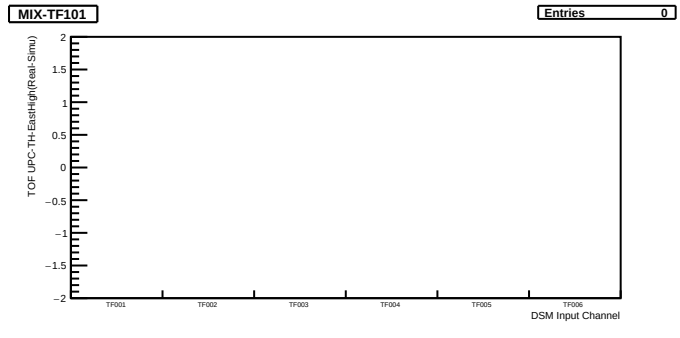

MIX-TF101
Entries 1.404281e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

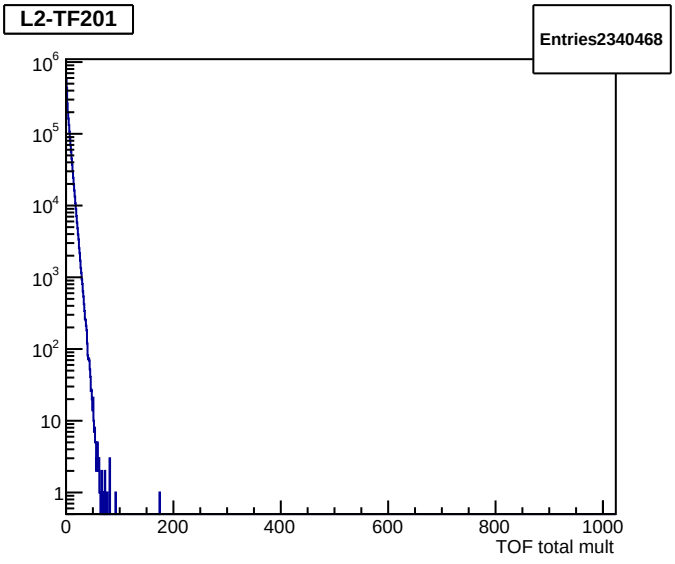

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

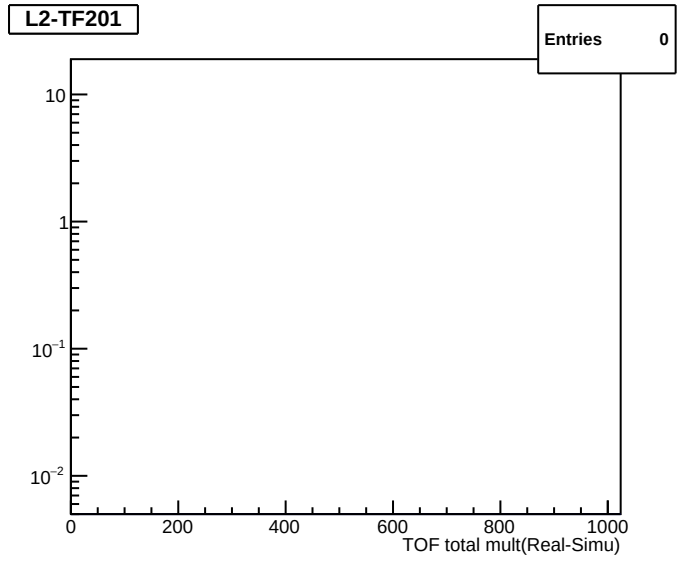

MIX-TF101
Entries 1.404281e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

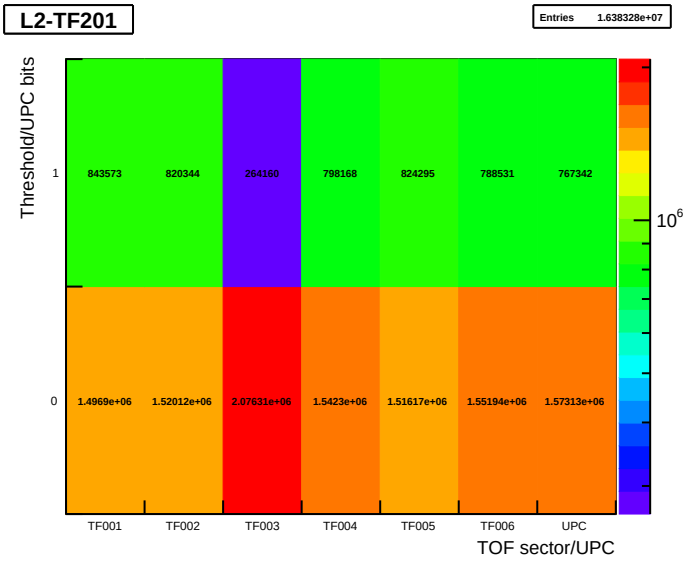

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

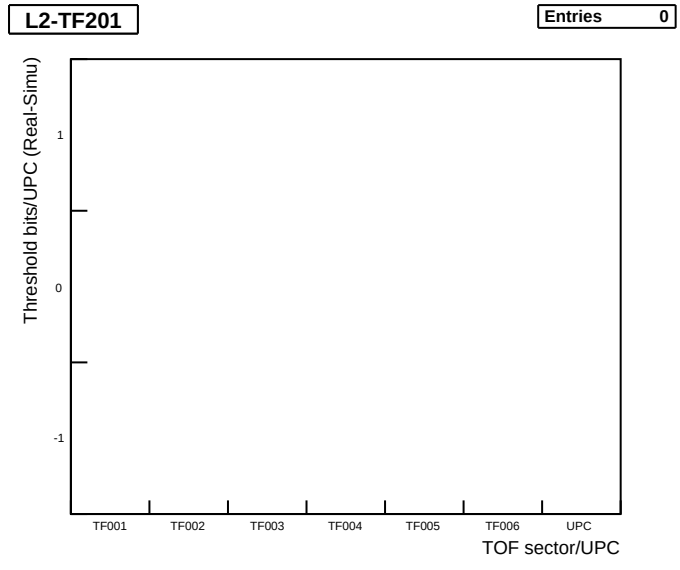

MIX-TF101
Entries 1.404281e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

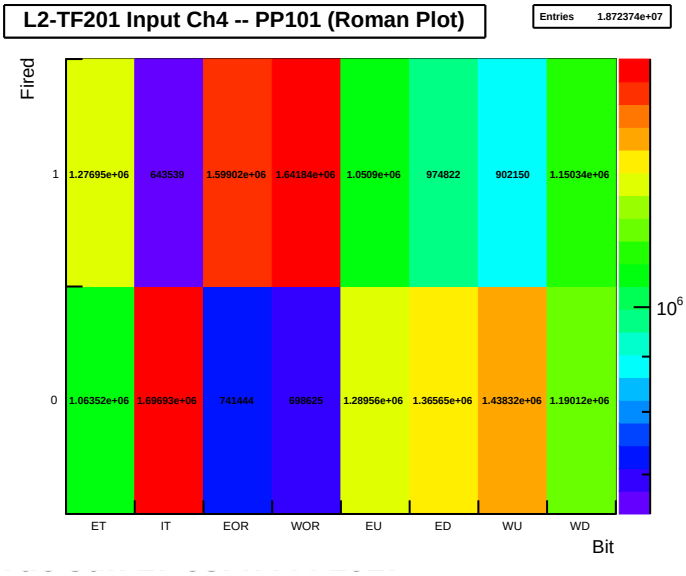

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

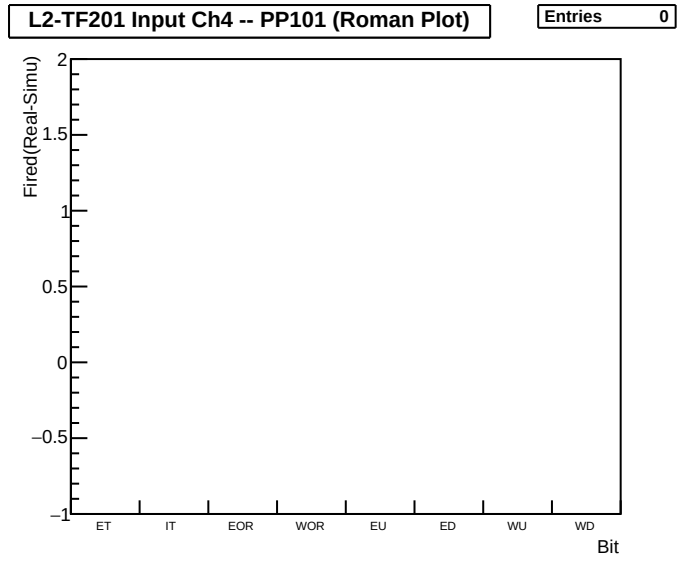

L2-TF201
Entries2340468
TOF total mult

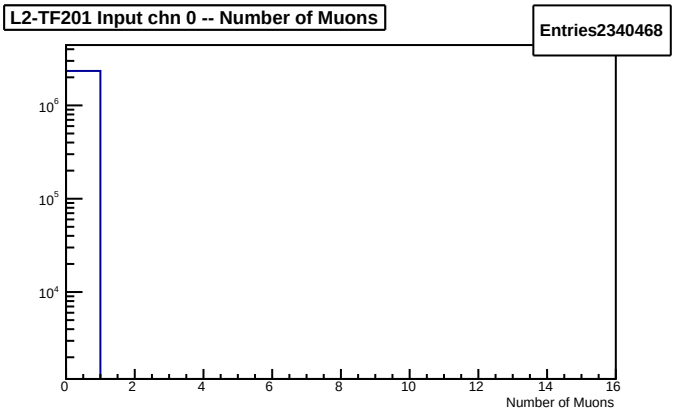

L2-TF201
Entries 0
TOF total mult(Real-Simu)

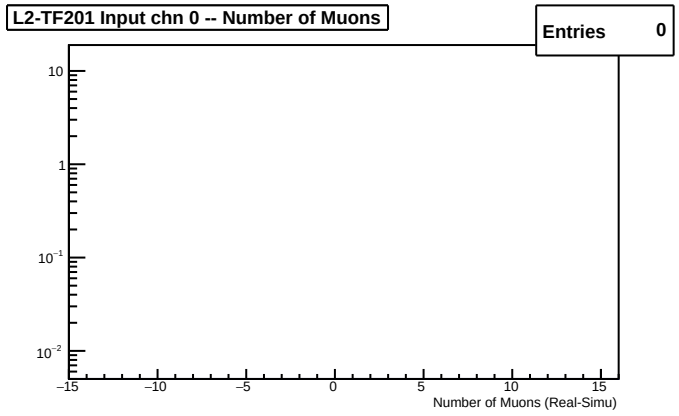

L2-TF201
Entries 1.638328e+07
Threshold/UPC bits
843573
820344
264160
798168
824295
788531
767342
1.4969e+06
1.52012e+06
2.07631e+06
1.5423e+06
1.51617e+06
1.55194e+06
1.57313e+06
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

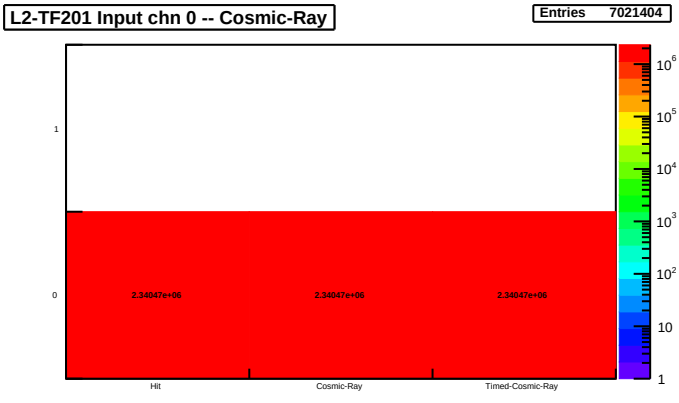

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

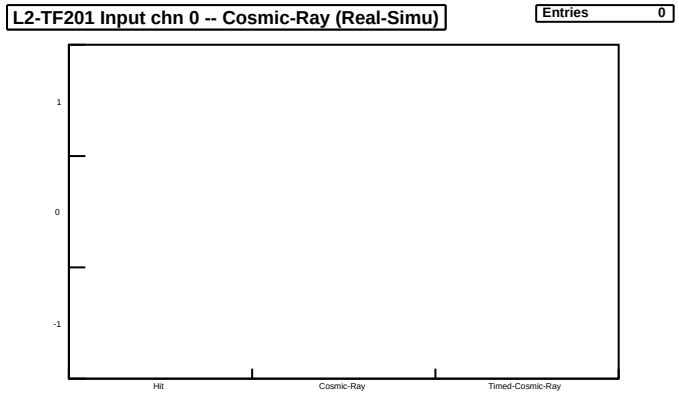

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 1.872374e+07
Fired
1.27695e+06
643539
1.59902e+06
1.64184e+06
1.0509e+06
974822
902150
1.15034e+06
1.06352e+06
1.69693e+06
741444
698625
1.28956e+06
1.36565e+06
1.43832e+06
1.19012e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

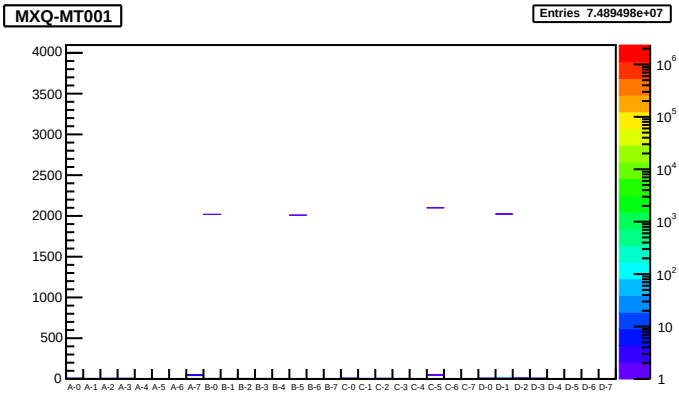

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

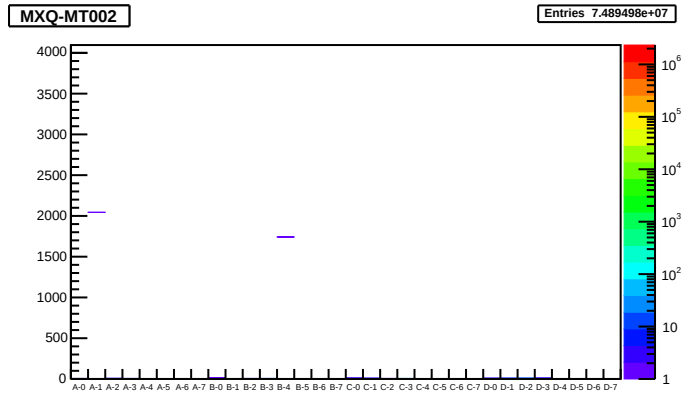

L2-TF201 Input chn 0 -- Number of Muons
Entries2340468
Number of Muons

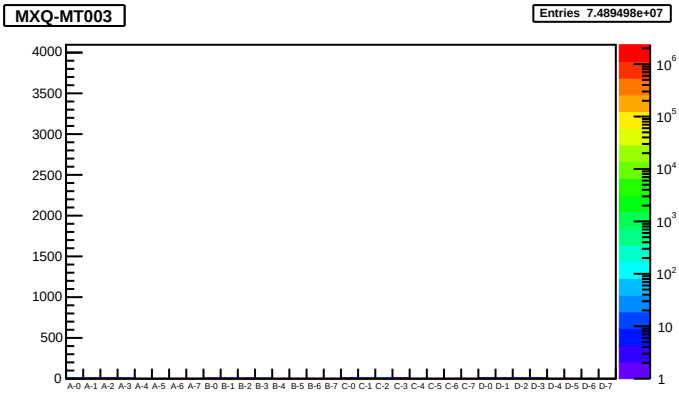

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

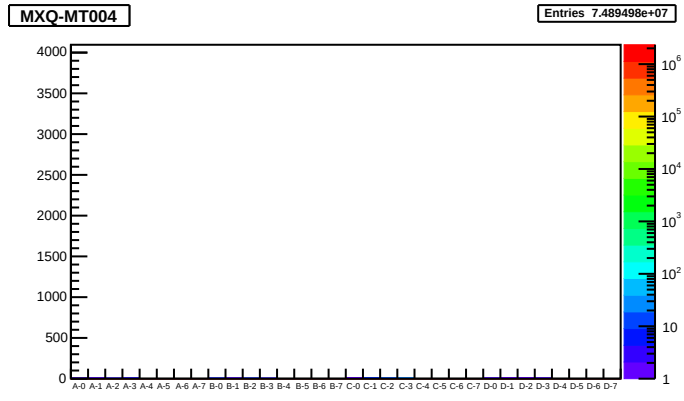

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 7021404
2.34047e+06
2.34047e+06
2.34047e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

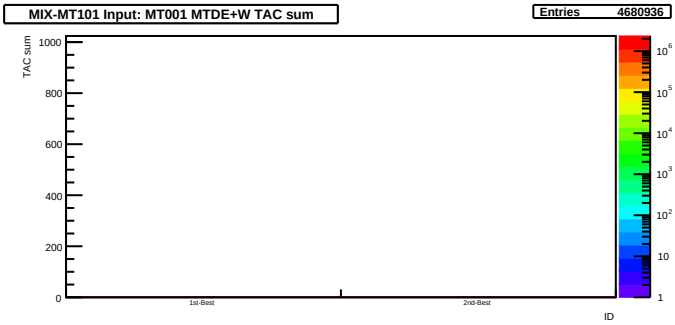

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

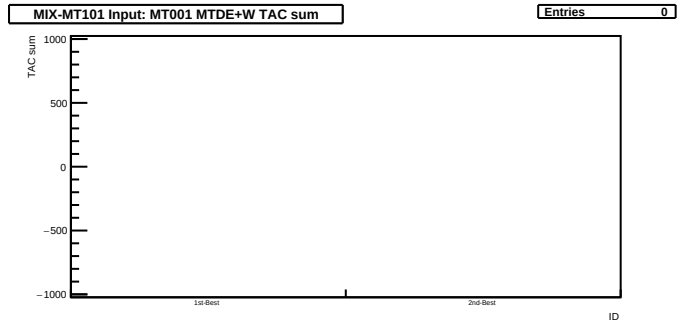

MXQ-MT001
Entries 7.489498e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

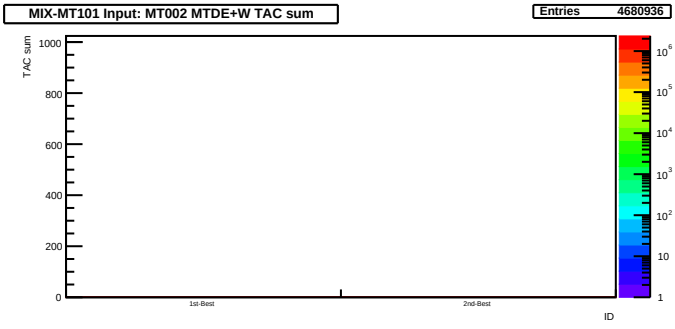

MXQ-MT002
Entries 7.489498e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

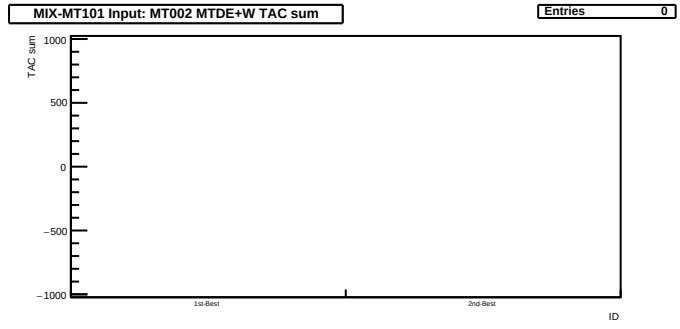

MXQ-MT003
Entries 7.489498e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

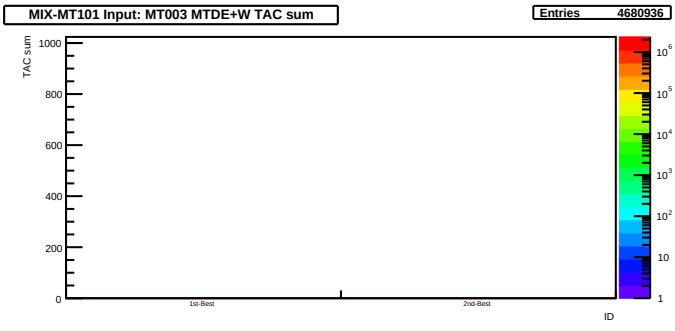

MXQ-MT004
Entries 7.489498e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

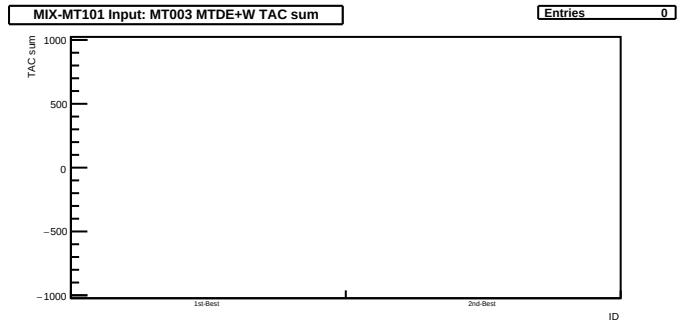

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 4680936
TAC sum
ID
1st-Best
2nd-Best

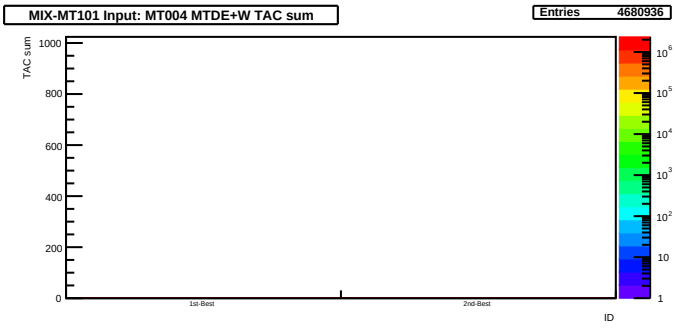

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 0
TAC sum
ID
1st-Best
2nd-Best

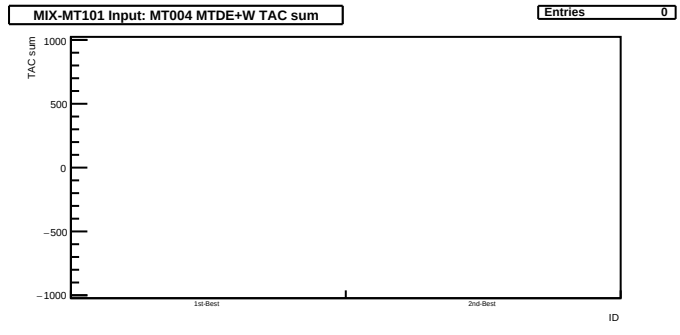

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 4680936
TAC sum
ID
1st-Best
2nd-Best

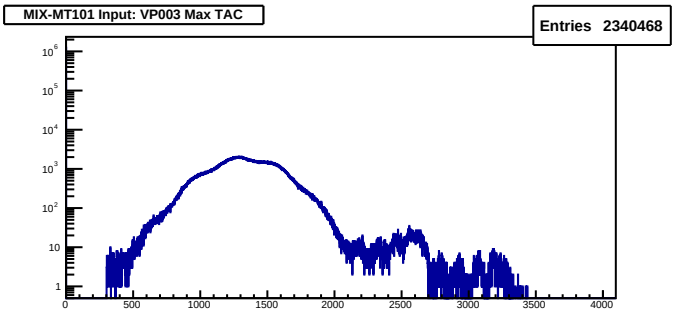

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 0
TAC sum
ID
1st-Best
2nd-Best

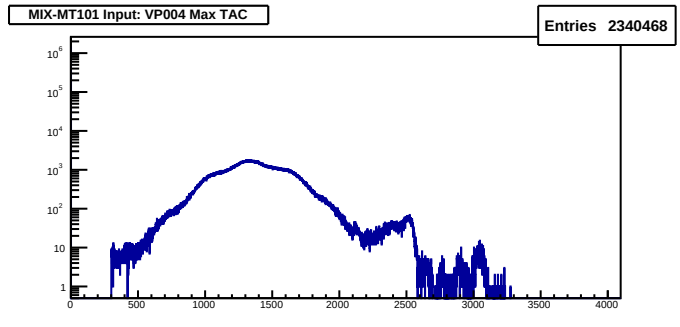

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 4680936
TAC sum
ID
1st-Best
2nd-Best

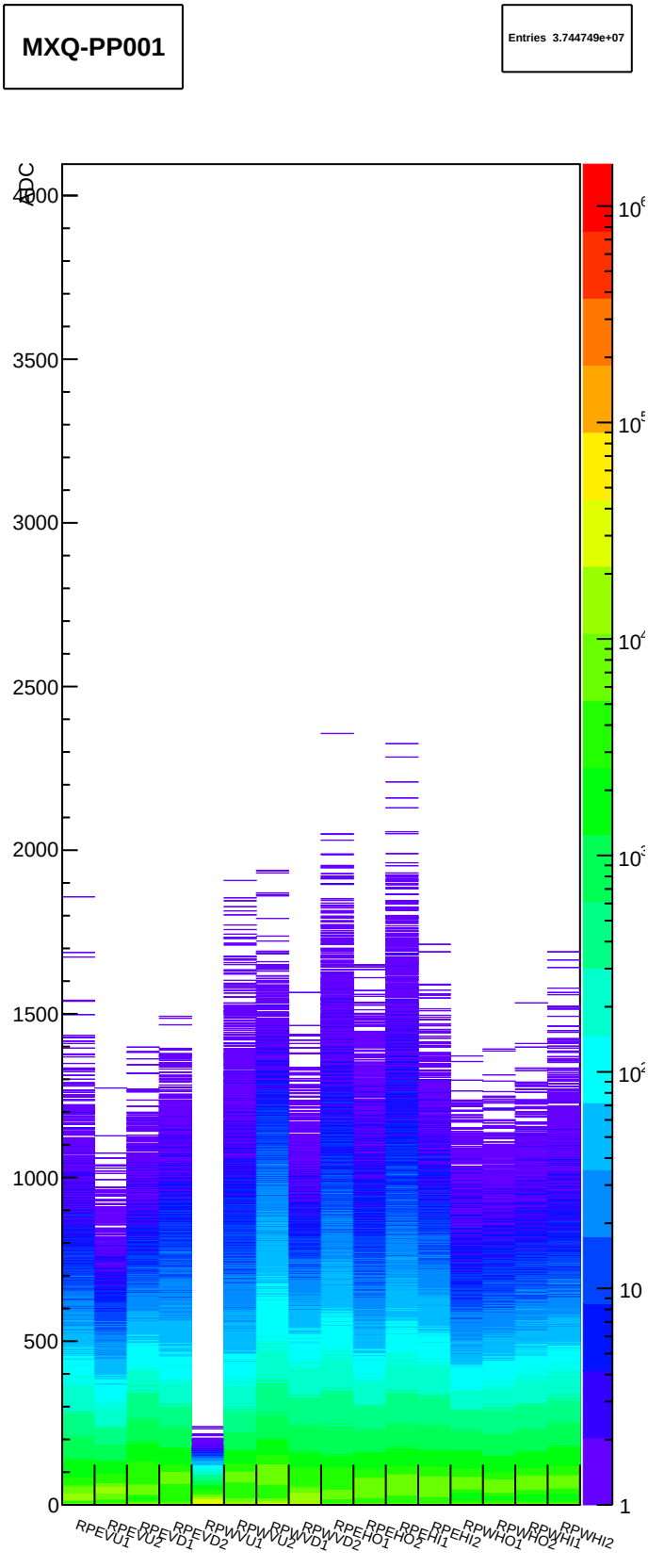

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 0
TAC sum
ID
1st-Best
2nd-Best


MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 4680936
TAC sum
ID
1st-Best
2nd-Best


MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 0
TAC sum
ID
1st-Best
2nd-Best


MIX-MT101 Input: VP003 Max TAC
Entries 2340468


MIX-MT101 Input: VP004 Max TAC
Entries 2340468


MXQ-PP001
Entries 3.744749e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
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RPEHO2
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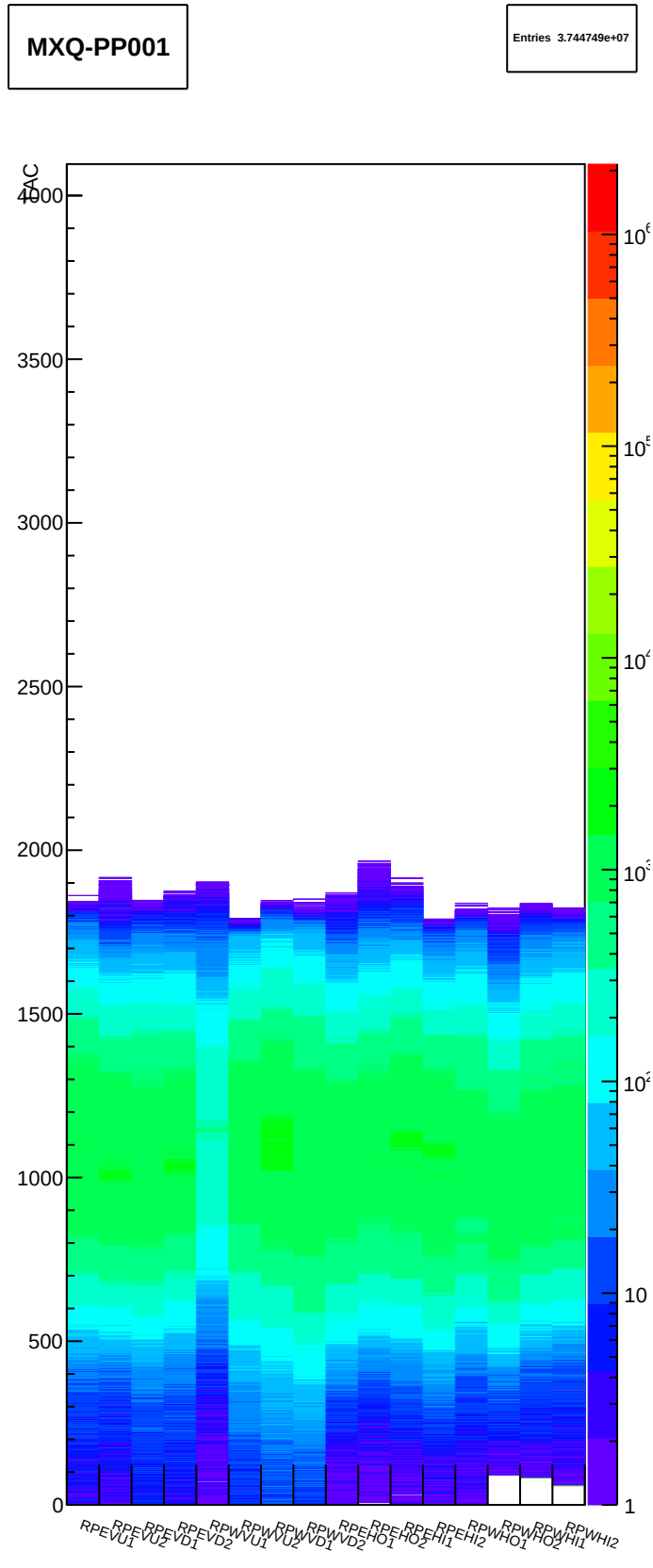
RPWHO2
RPWHI1
RPWHI2
1
10


MXQ-PP001
Entries 3.744749e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
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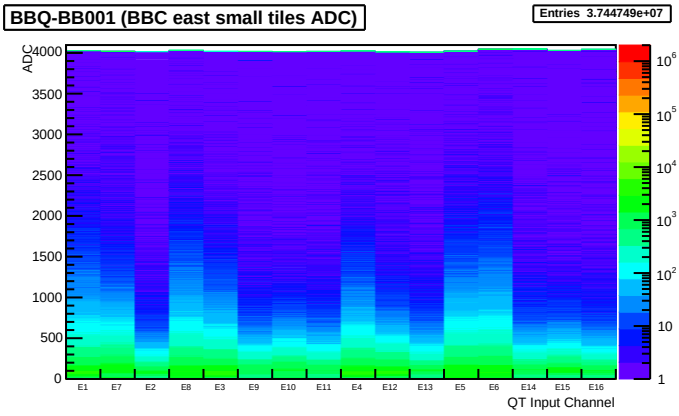
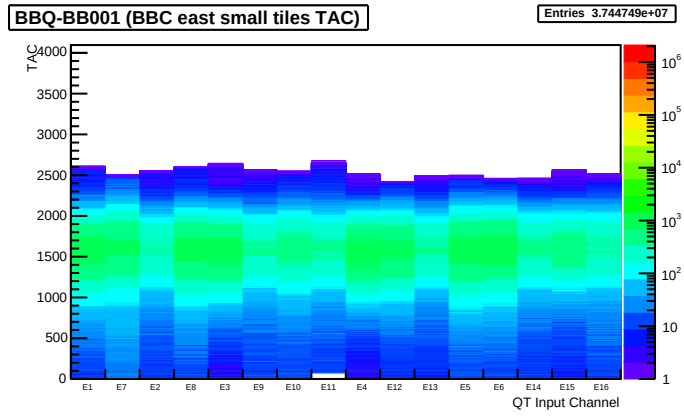
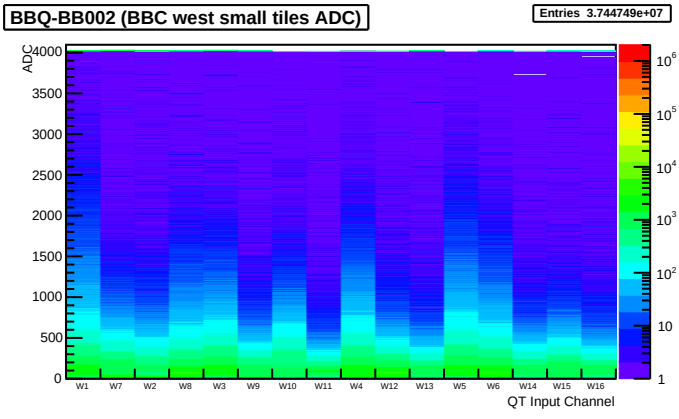
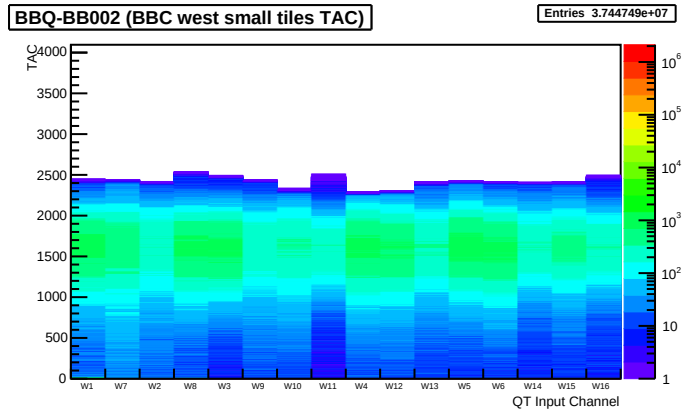
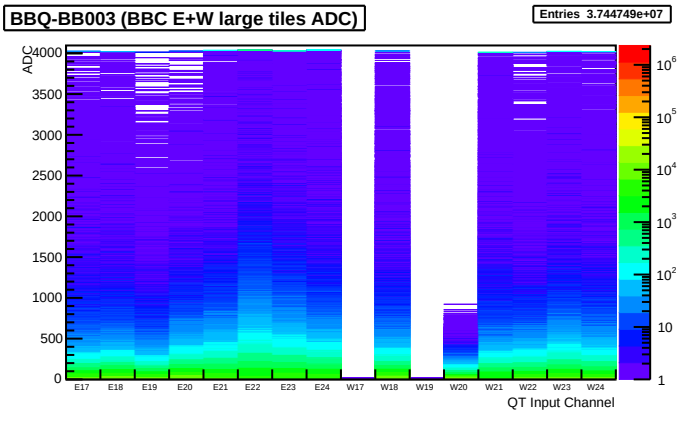
RPWHO2
RPWHI1
RPWHI2
1
10

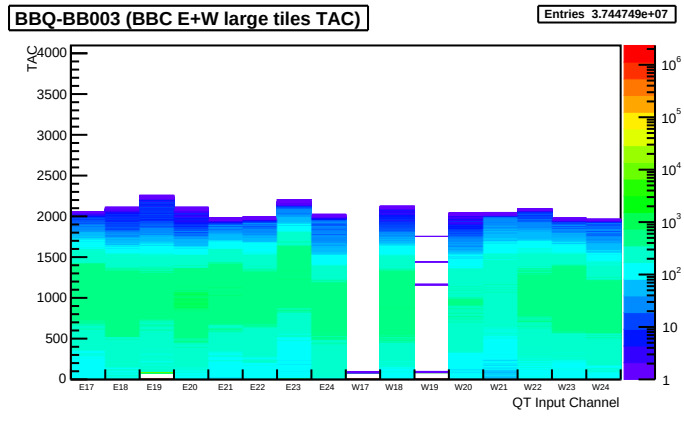

BBQ-BB001 (BBC east small tiles ADC)
Entries 3.744749e+07
ADC
QT Input Channel

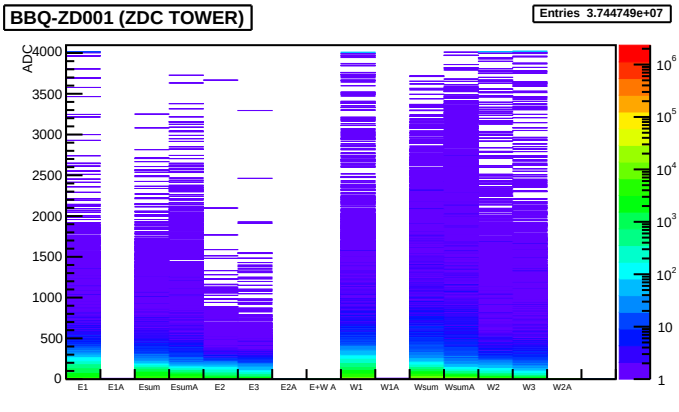

BBQ-BB001 (BBC east small tiles TAC)
Entries 3.744749e+07
TAC
QT Input Channel

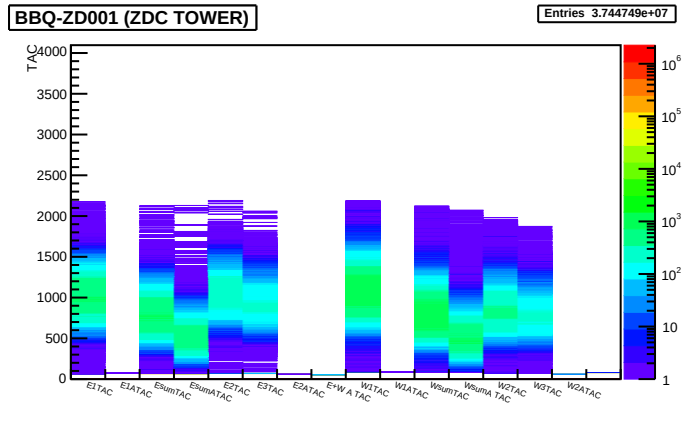

BBQ-BB002 (BBC west small tiles ADC)
Entries 3.744749e+07
ADC
QT Input Channel

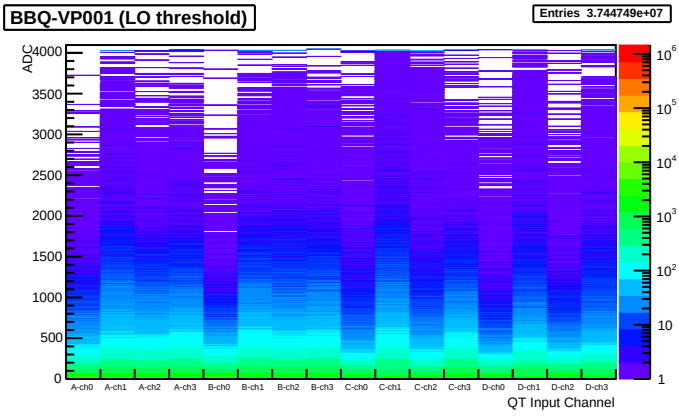

BBQ-BB002 (BBC west small tiles TAC)
Entries 3.744749e+07
TAC
QT Input Channel

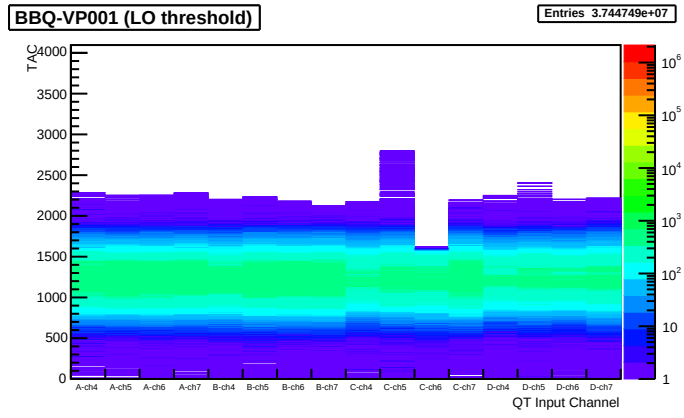

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 3.744749e+07
ADC
QT Input Channel

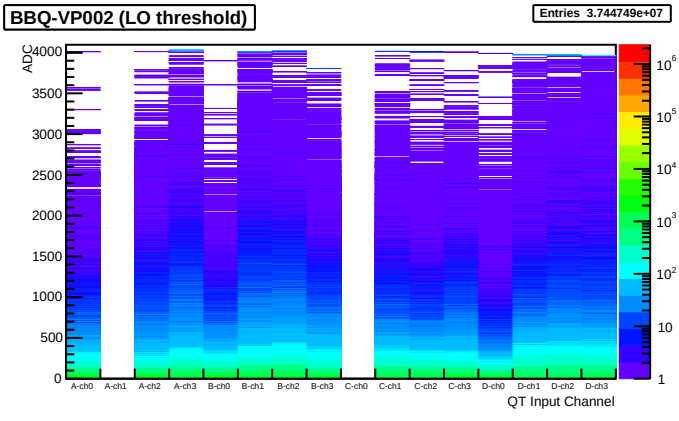

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 3.744749e+07
TAC
QT Input Channel

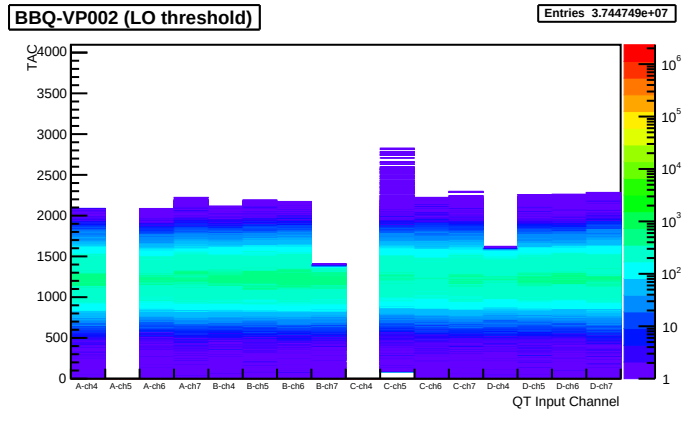

BBQ-ZD001 (ZDC TOWER)
Entries 3.744749e+07
ADC

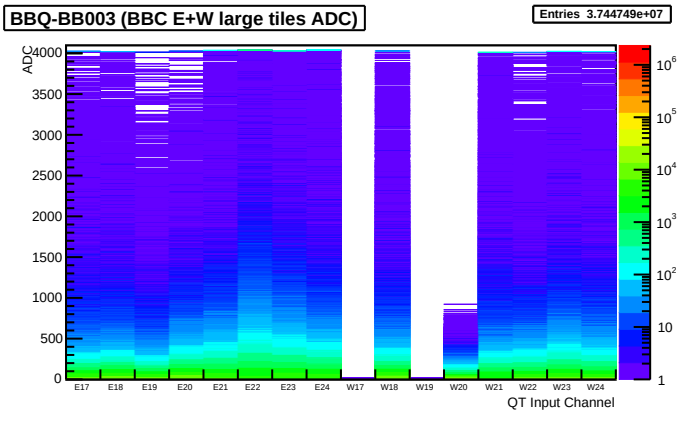

BBQ-ZD001 (ZDC TOWER)
Entries 3.744749e+07
TAC

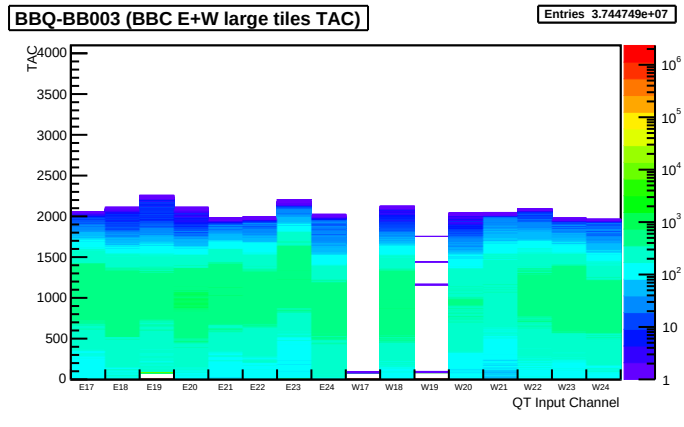

BBQ-VP001 (LO threshold)
Entries 3.744749e+07
ADC
QT Input Channel

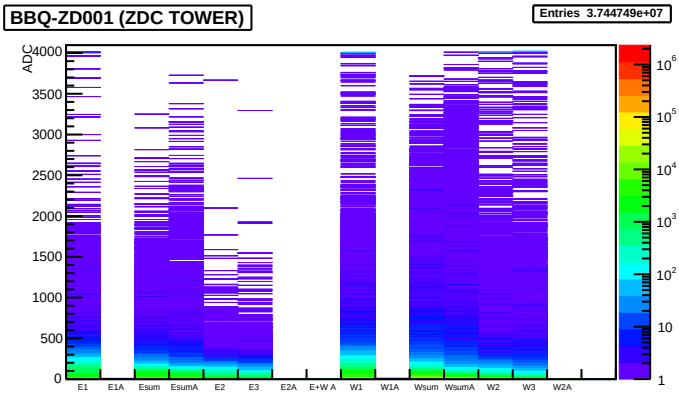

BBQ-VP001 (LO threshold)
Entries 3.744749e+07
TAC
QT Input Channel

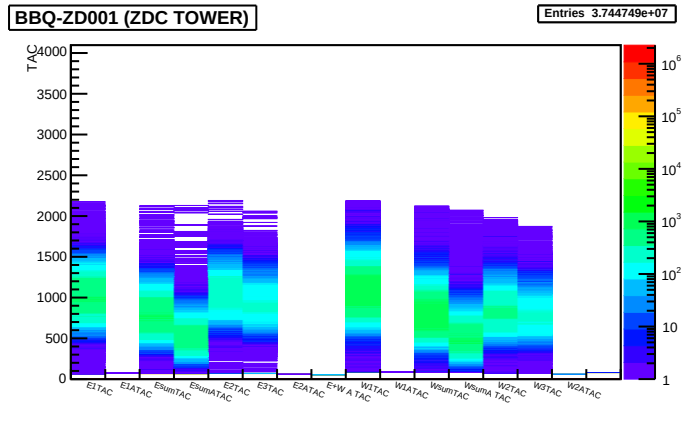

BBQ-VP002 (LO threshold)
Entries 3.744749e+07
ADC
QT Input Channel

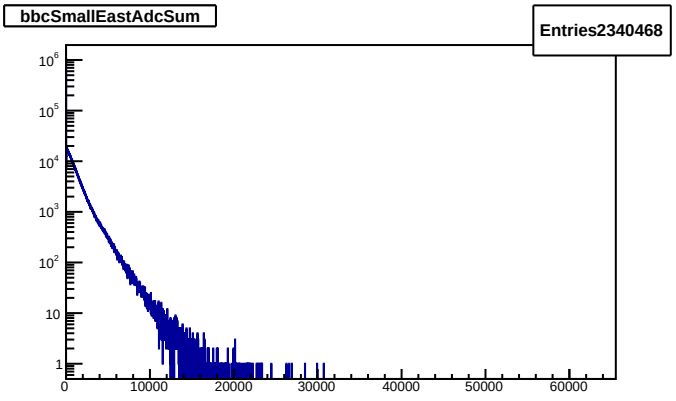

BBQ-VP002 (LO threshold)
Entries 3.744749e+07
TAC
QT Input Channel

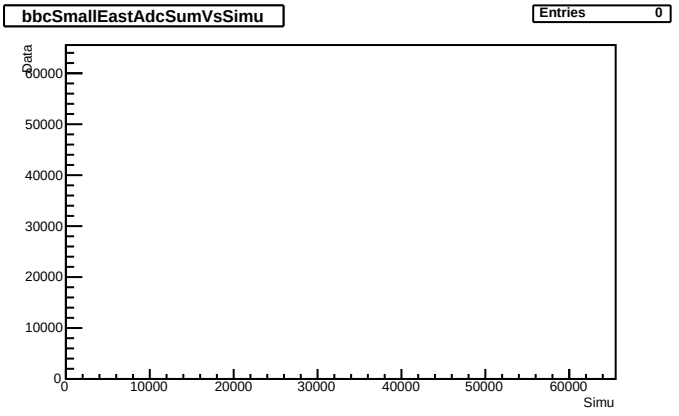

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 3.744749e+07
ADC
QT Input Channel

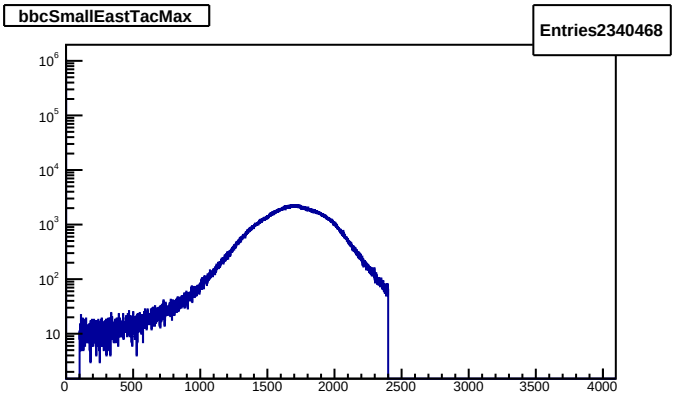

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 3.744749e+07
TAC
QT Input Channel

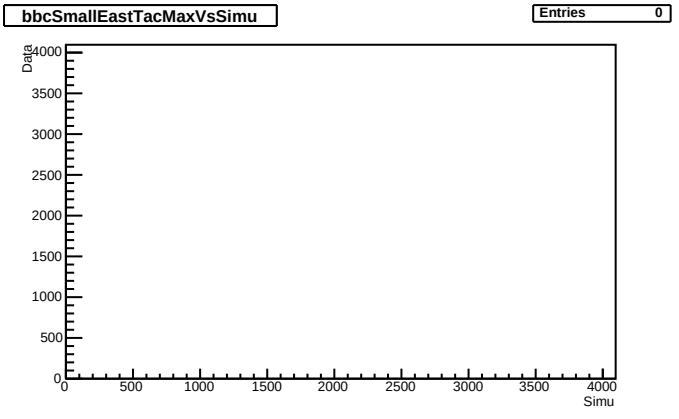

BBQ-ZD001 (ZDC TOWER)
Entries 3.744749e+07
ADC

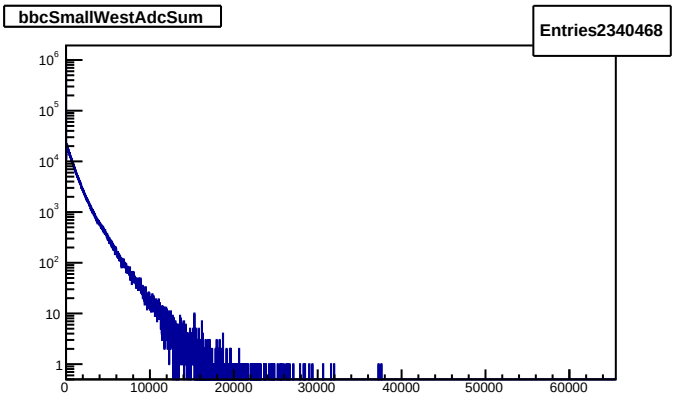

BBQ-ZD001 (ZDC TOWER)
Entries 3.744749e+07
TAC

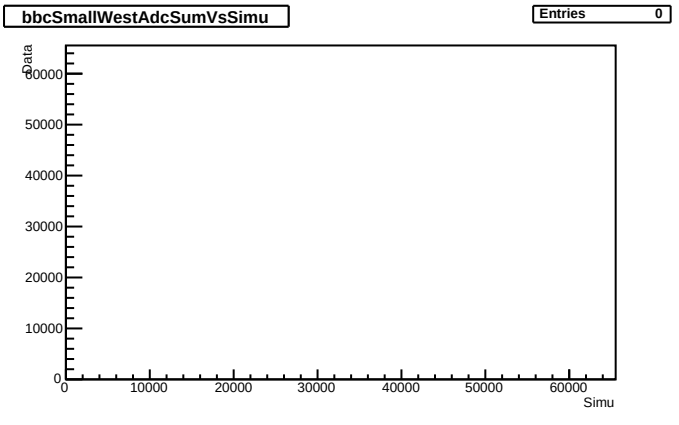

bbcSmallEastAdcSum
Entries2340468

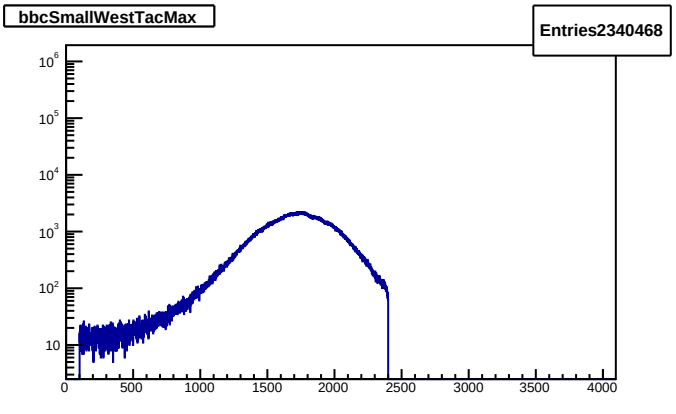

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

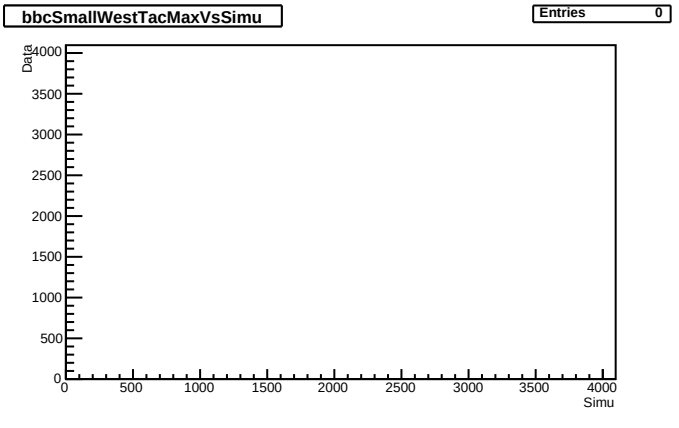

bbcSmallEastTacMax
Entries2340468

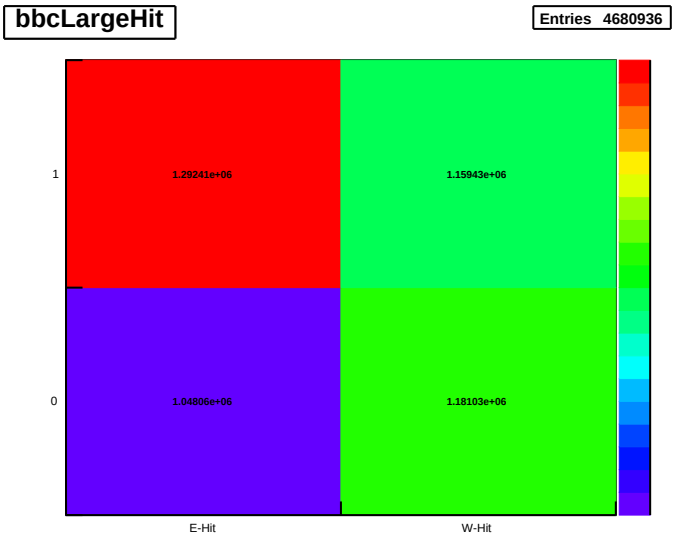

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

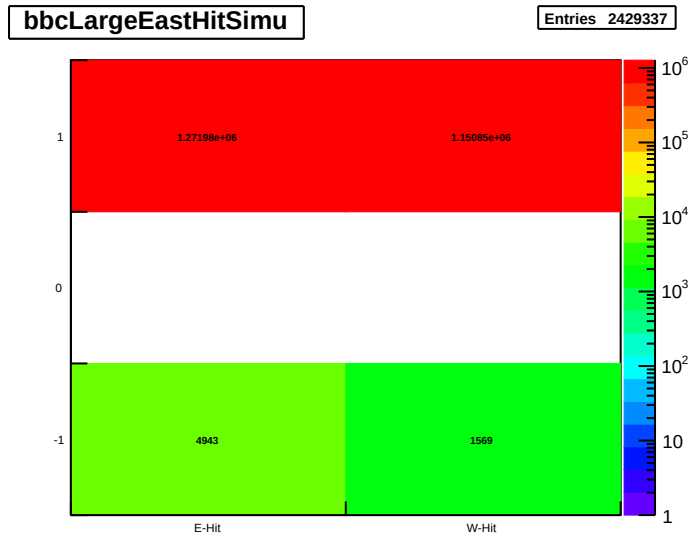

bbcSmallWestAdcSum
Entries2340468

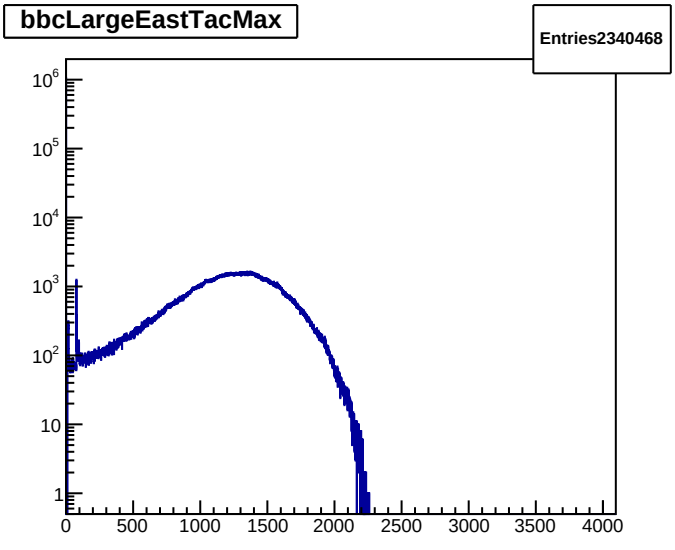

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

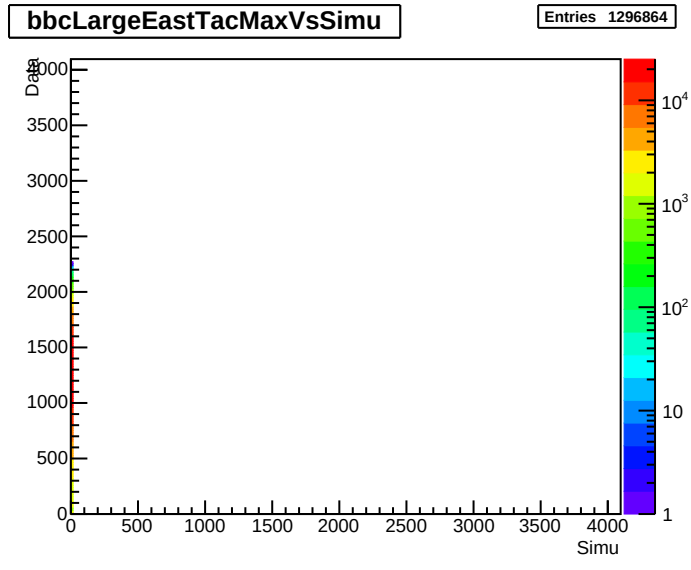

bbcSmallWestTacMax
Entries2340468

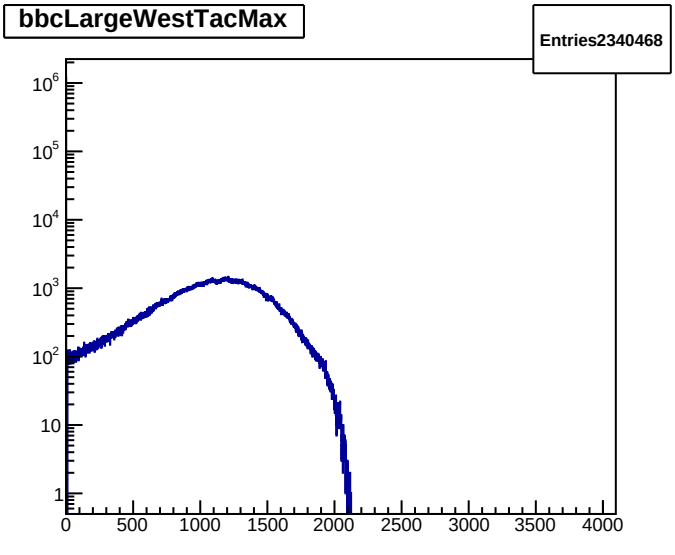

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

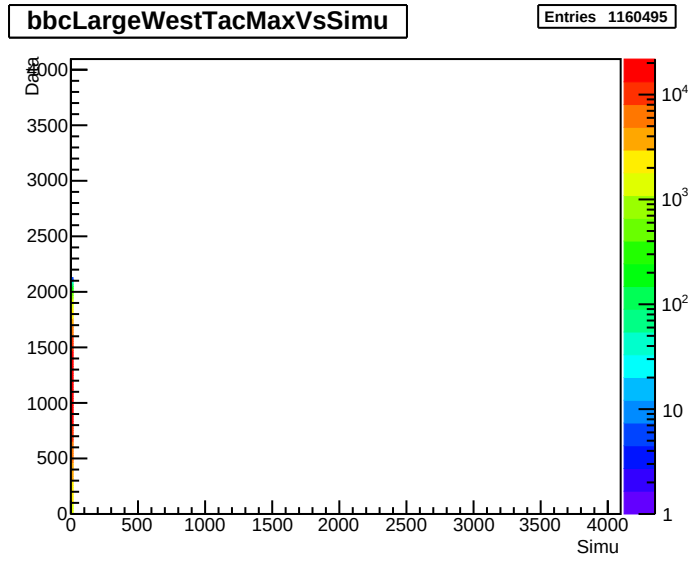

bbcLargeHit
Entries 4680936
1.29241e+06
1.15943e+06
1.04806e+06
1.18103e+06
1
0
E-Hit
W-Hit

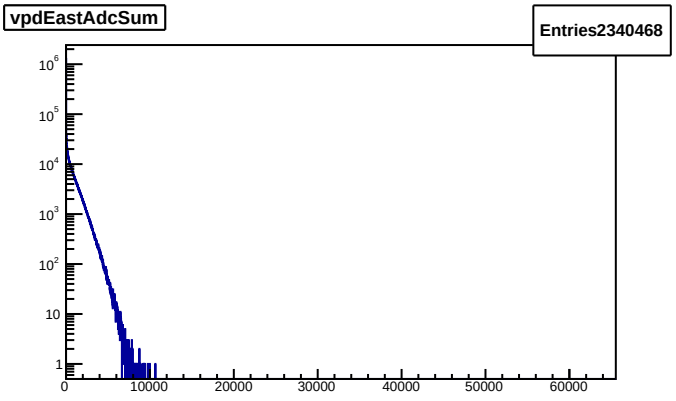

bbcLargeEastHitSimu
Entries 2429337
1.27198e+06
1.15085e+06
4943
1569
1
0
-1
E-Hit
W-Hit

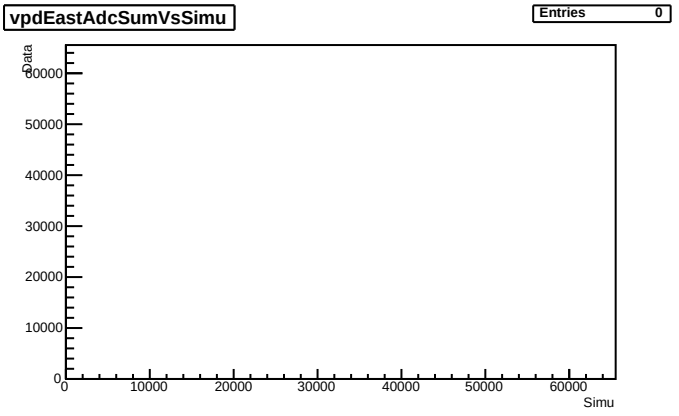

bbcLargeEastTacMax
Entries2340468

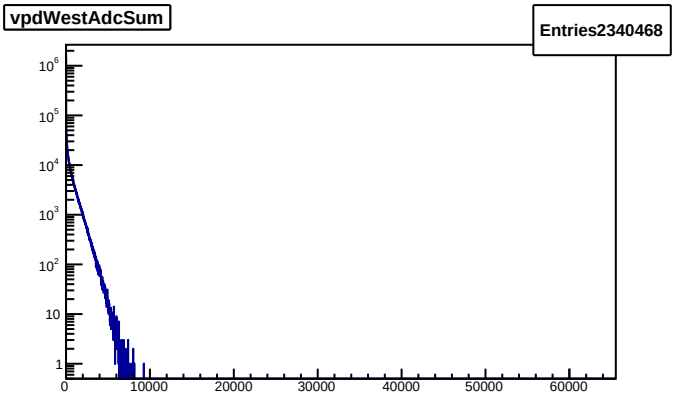

bbcLargeEastTacMaxVsSimu
Entries 1296864
Data
Simu

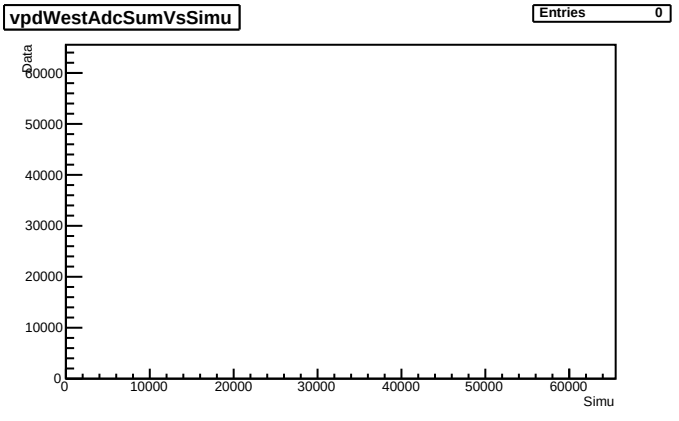

bbcLargeWestTacMax
Entries2340468

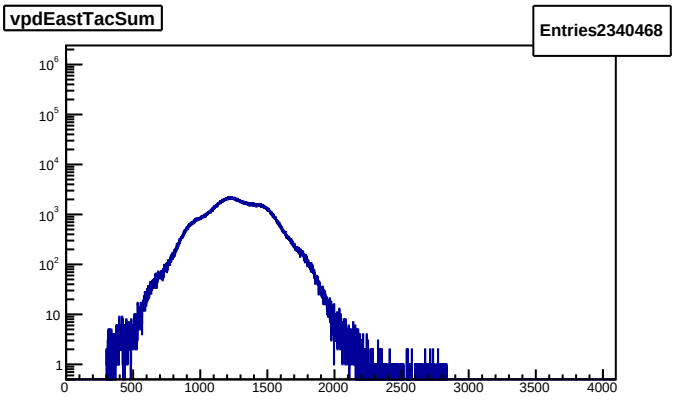

bbcLargeWestTacMaxVsSimu
Entries 1160495
Data
Simu

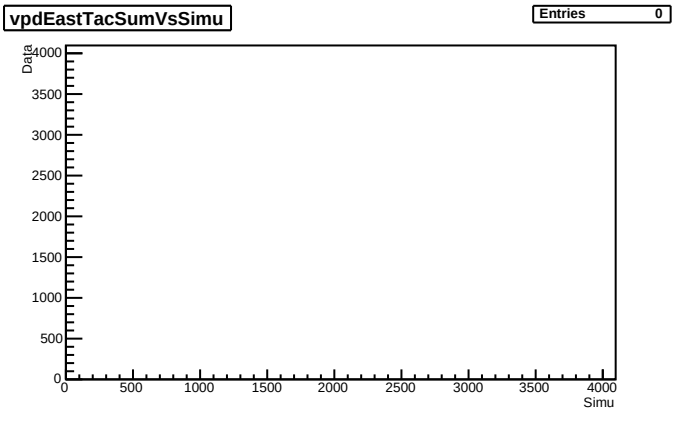

vpdEastAdcSum
Entries2340468

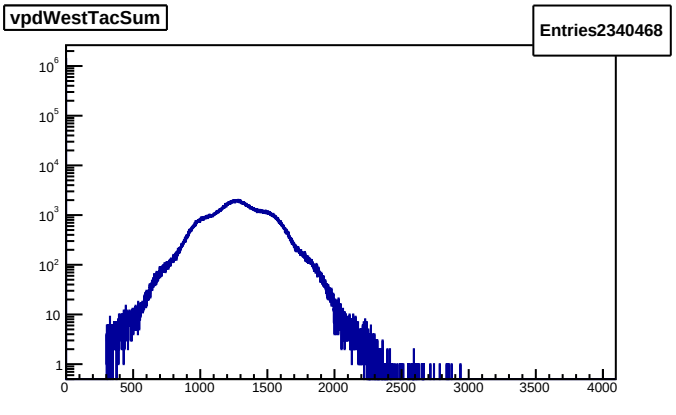

vpdEastAdcSumVsSimu
Entries 0
Data
Simu

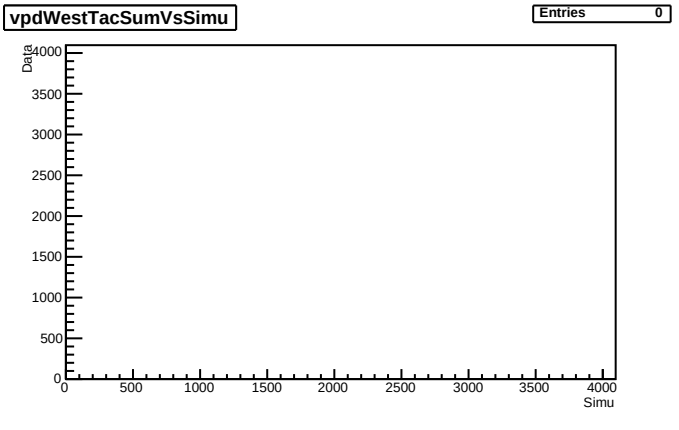

vpdWestAdcSum
Entries2340468

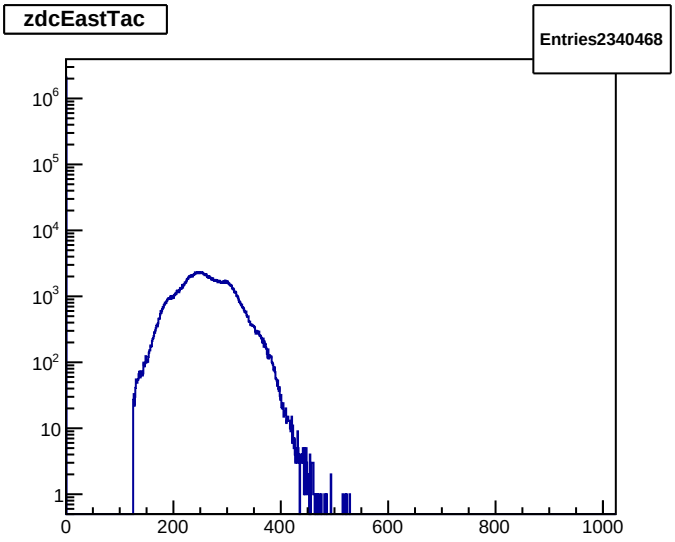

vpdWestAdcSumVsSimu
Entries 0
Data
Simu

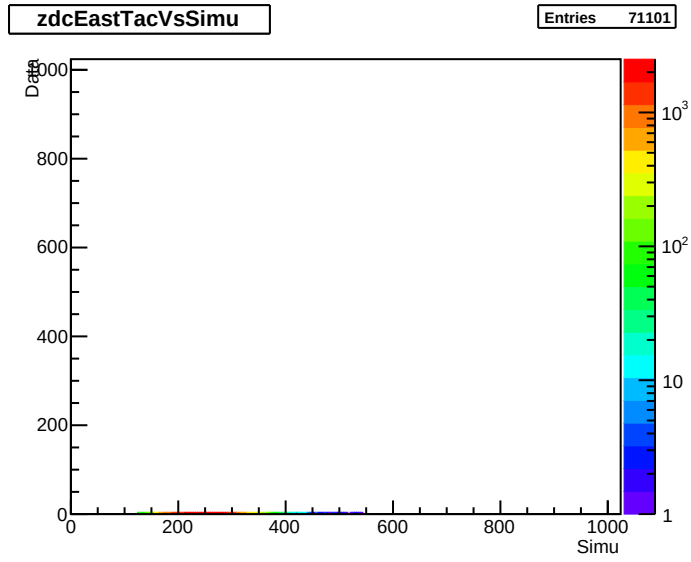

vpdEastTacSum
Entries2340468

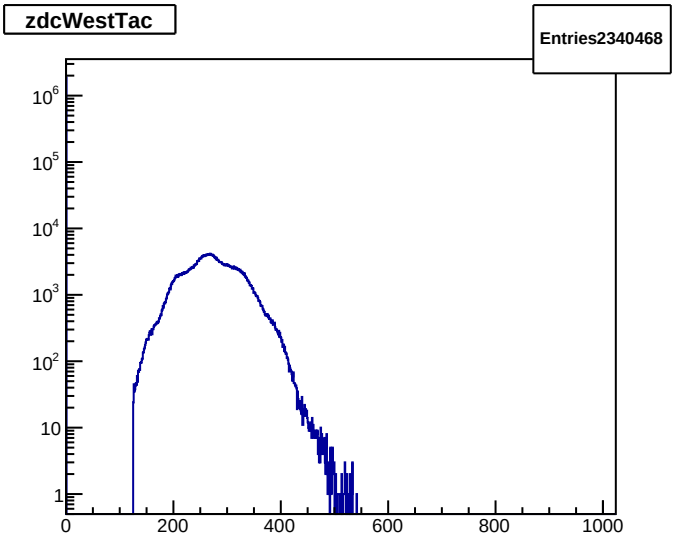

vpdEastTacSumVsSimu
Entries 0
Data
Simu

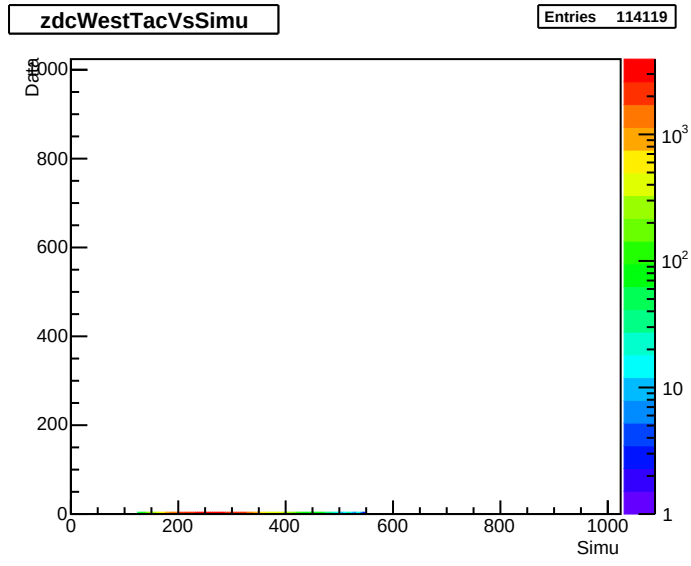

vpdWestTacSum
Entries2340468

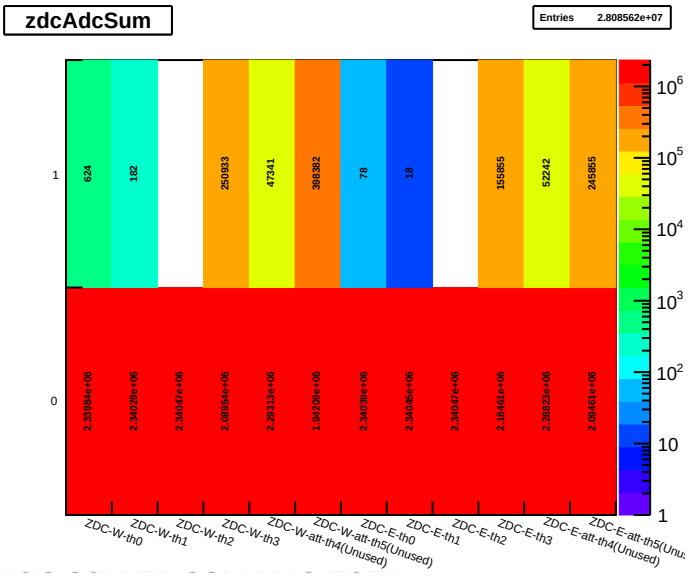

vpdWestTacSumVsSimu
Entries 0
Data
Simu

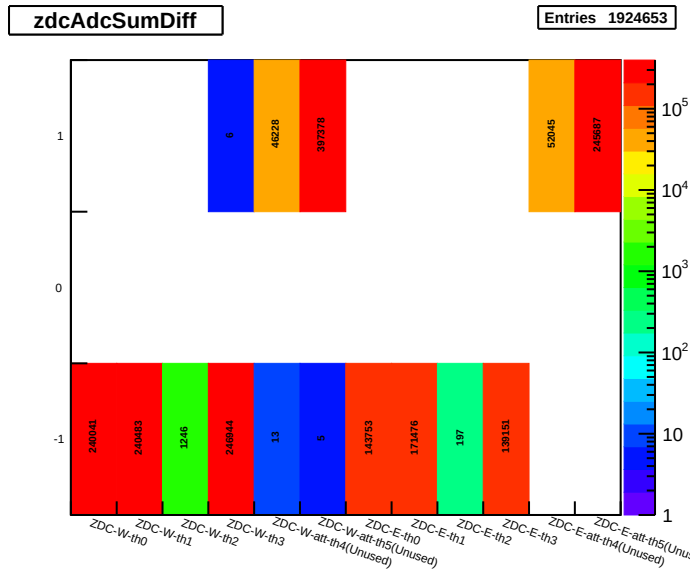

zdcEastTac
Entries2340468

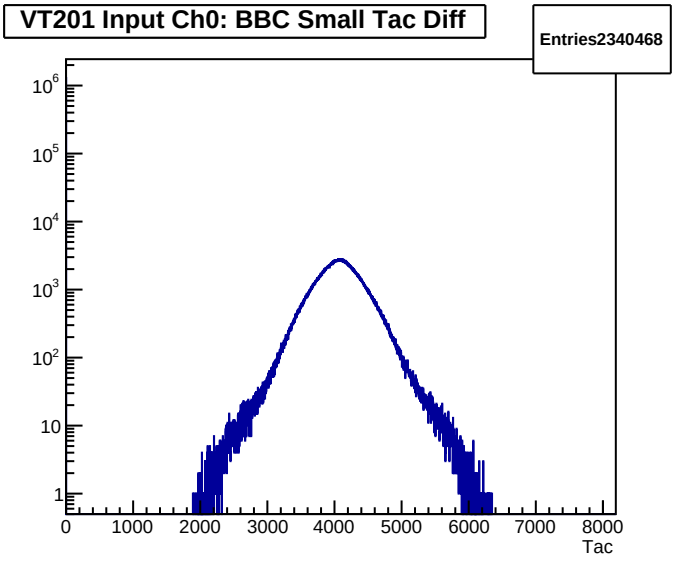

zdcEastTacVsSimu
Entries 71101
Data
Simu

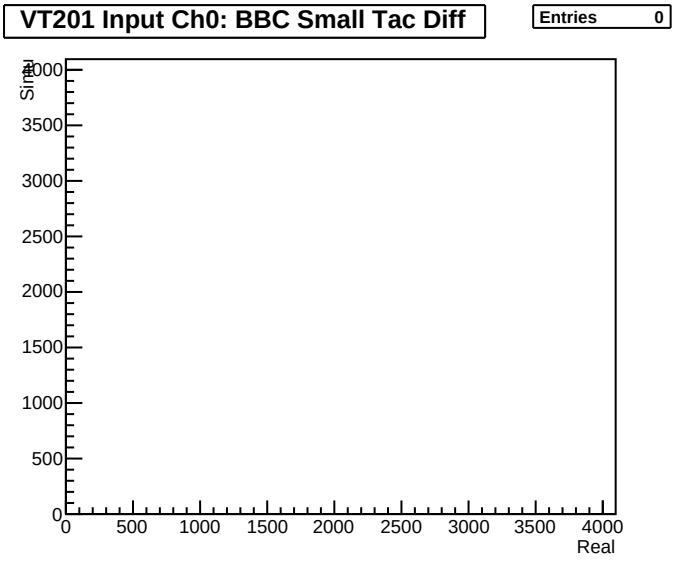

zdcWestTac
Entries2340468

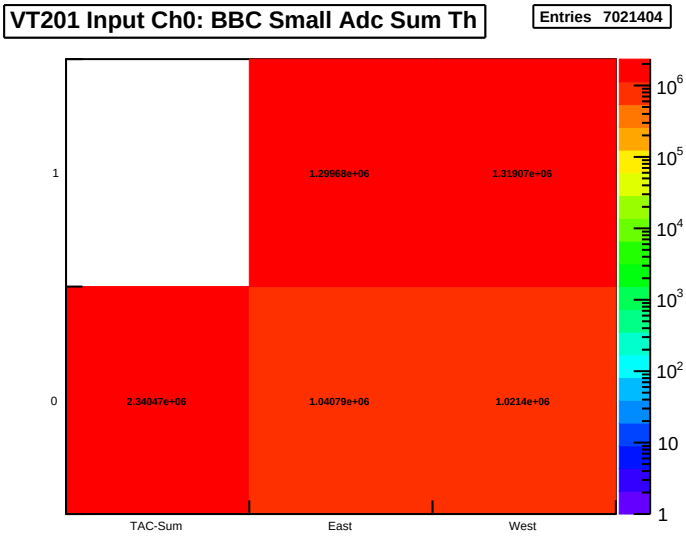

zdcWestTacVsSimu
Entries 114119
Data
Simu

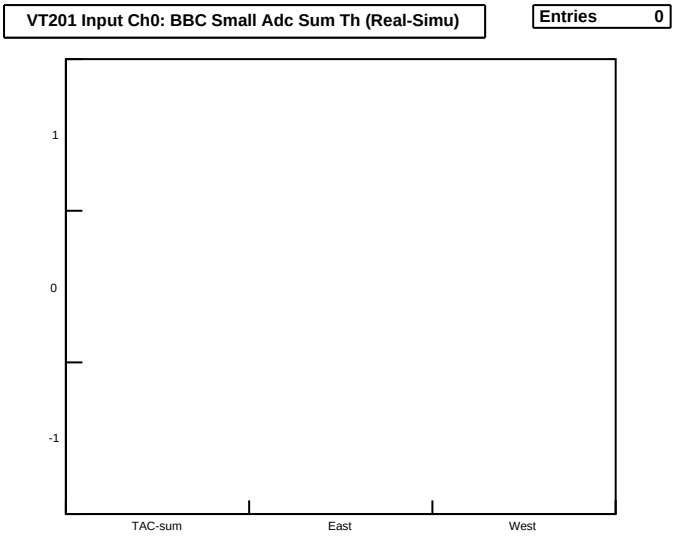

zdcAdcSum
Entries 2.808562e+07
624
182
250933
47341
399382
78
18
155855
52242
245855
2.33984e+06
2.34029e+06
2.34047e+06
2.06954e+06
2.29313e+06
1.94209e+06
2.34039e+06
2.34045e+06
2.34047e+06
2.18461e+06
2.28823e+06
2.09461e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

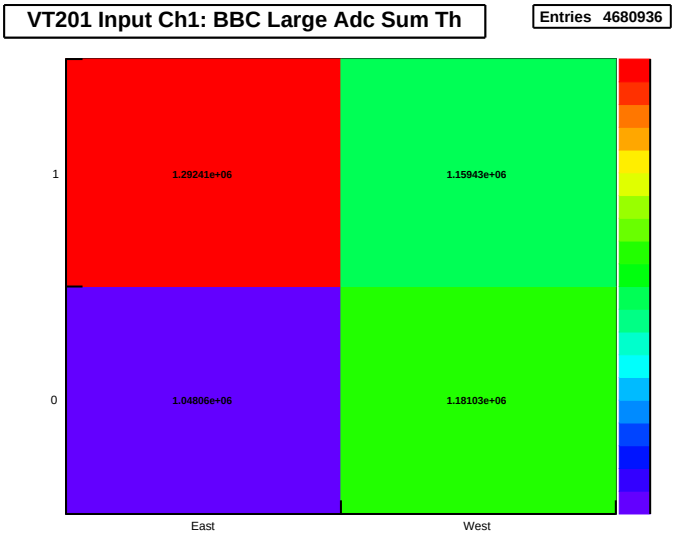

zdcAdcSumDiff
Entries 1924653
6
46228
397378
52045
245687
240041
240483
1246
246944
13
5
143753
171476
197
139151
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

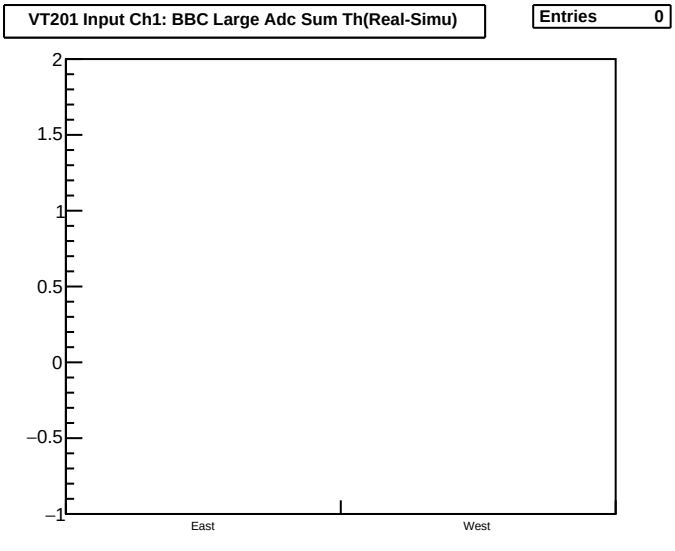

VT201 Input Ch0: BBC Small Tac Diff
Entries2340468
Tac


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

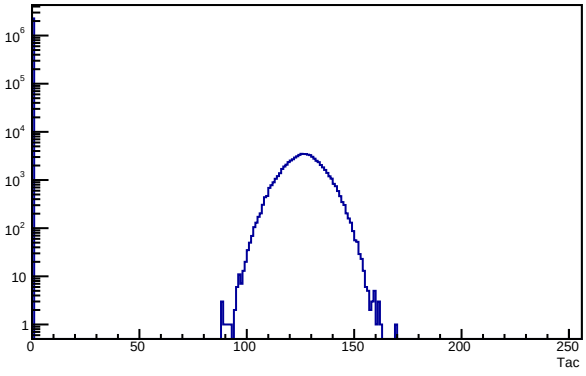

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 7021404
1.29968e+06
1.31907e+06
2.34047e+06
1.04079e+06
1.0214e+06
TAC-Sum
East
West


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

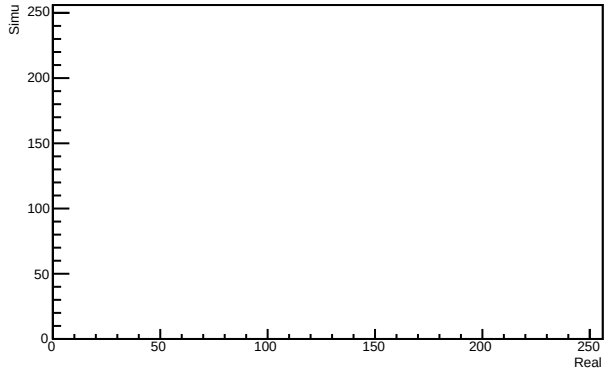

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 4680936
1.29241e+06
1.15943e+06
1.04806e+06
1.18103e+06
East
West


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

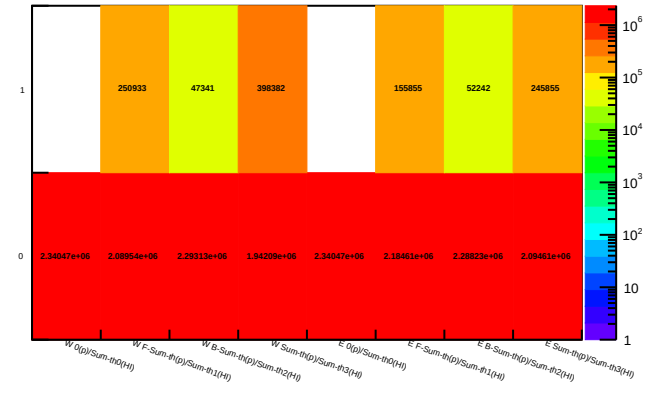
VT201 Input Ch2: ZDC Tac Diff



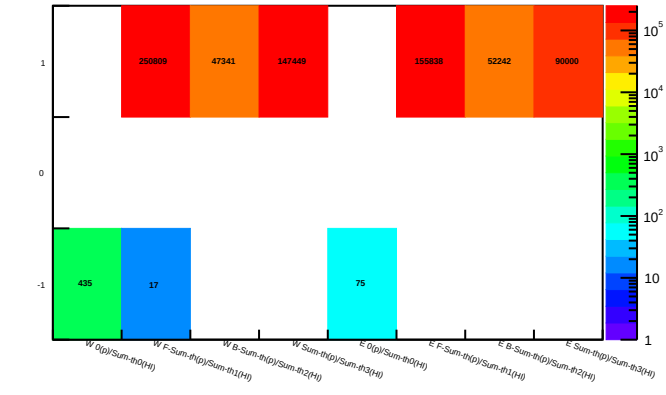
VT201 Input Ch2: ZDC Tac Diff



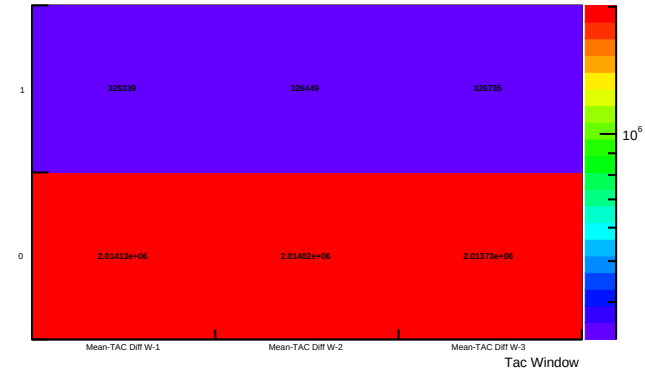
VT201 Input Ch2: ZDC Adc Sum Th



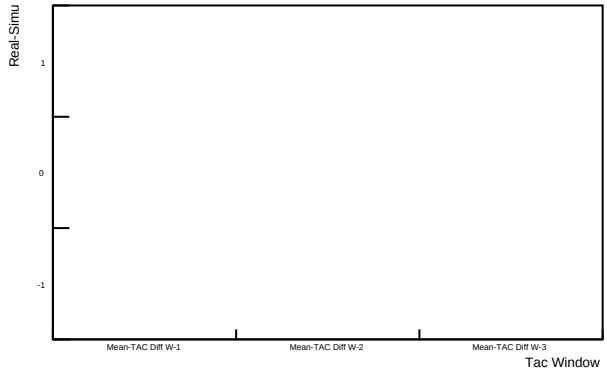
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



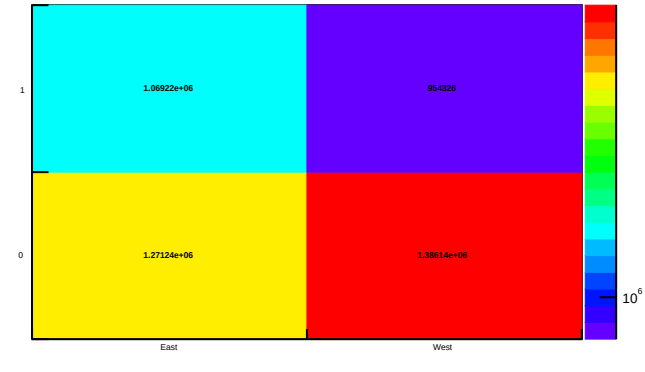
VT201 Input Ch4: VPD Tac Diff



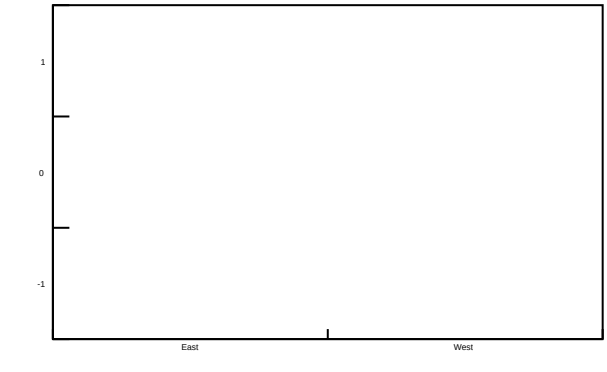
VT201 Input Ch4: VPD Tac Diff

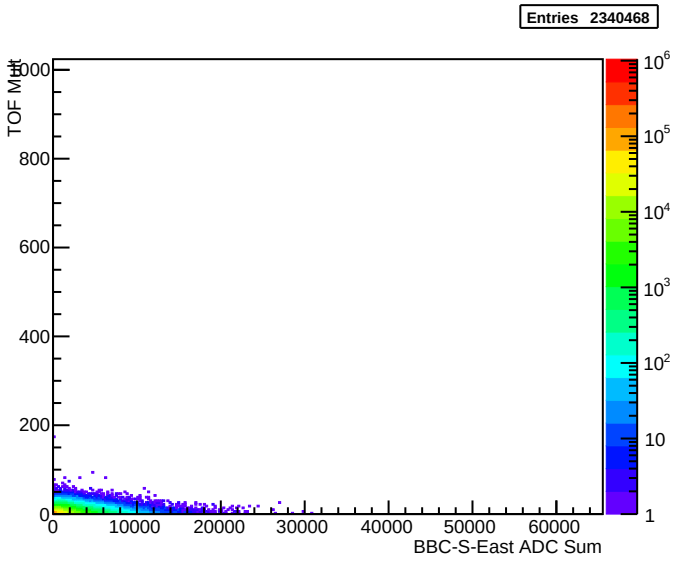


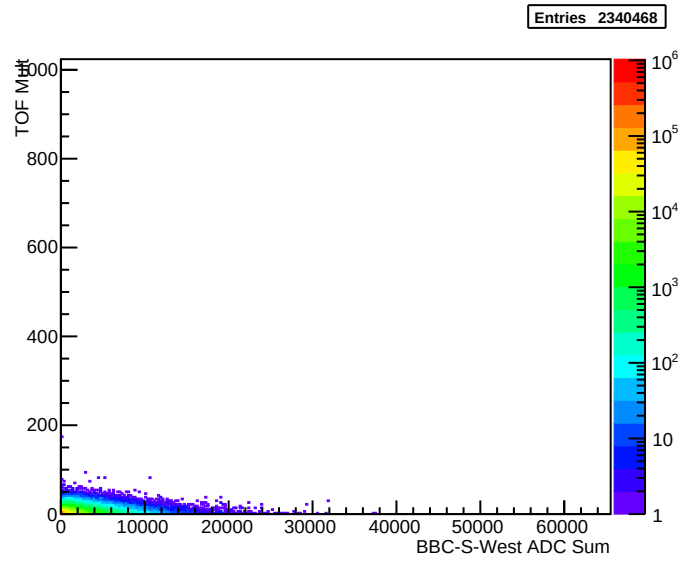
VT201 Input Ch4: VPD Adc Sum Th

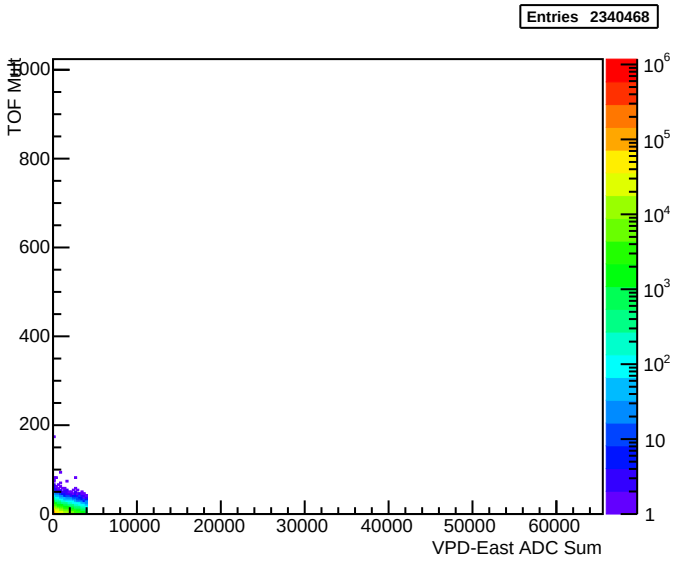


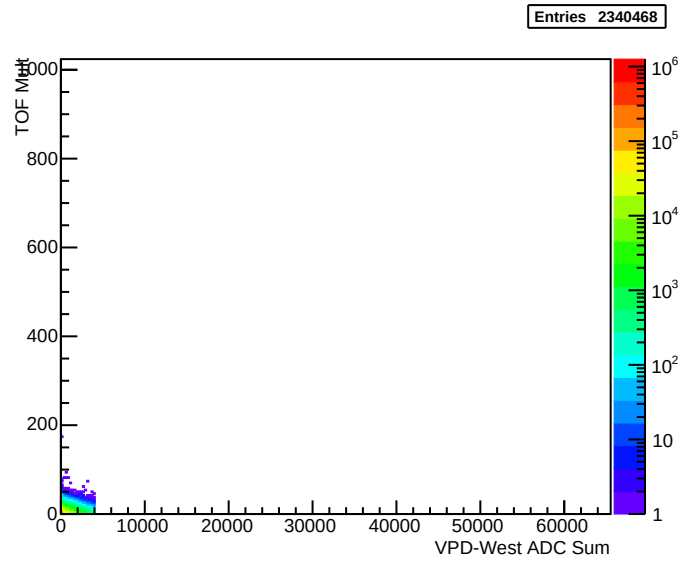
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

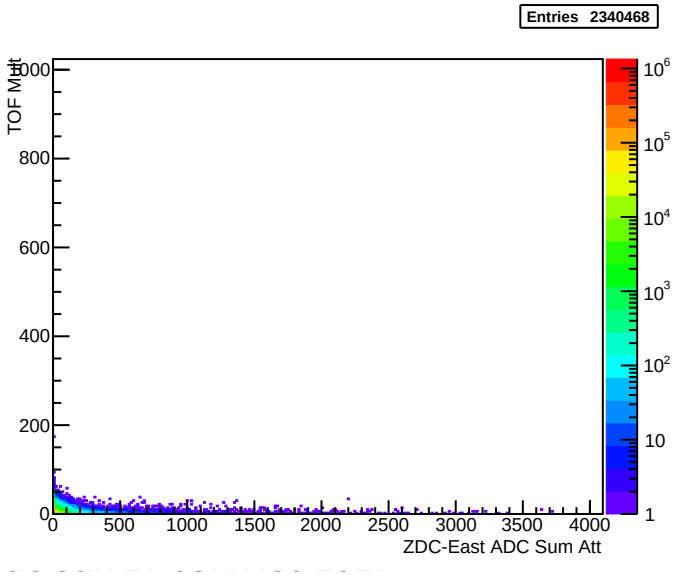


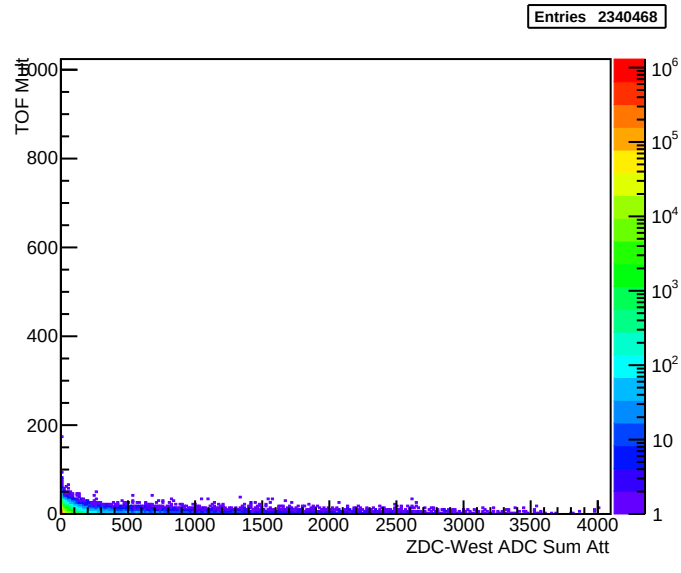

Entries 2340468
TOF Mult
BBC-S-East ADC Sum

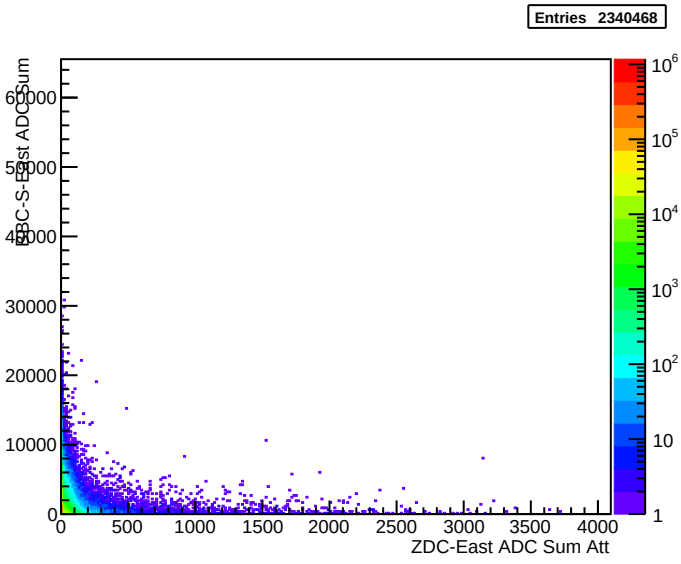

Entries 2340468
TOF Mult
BBC-S-West ADC Sum

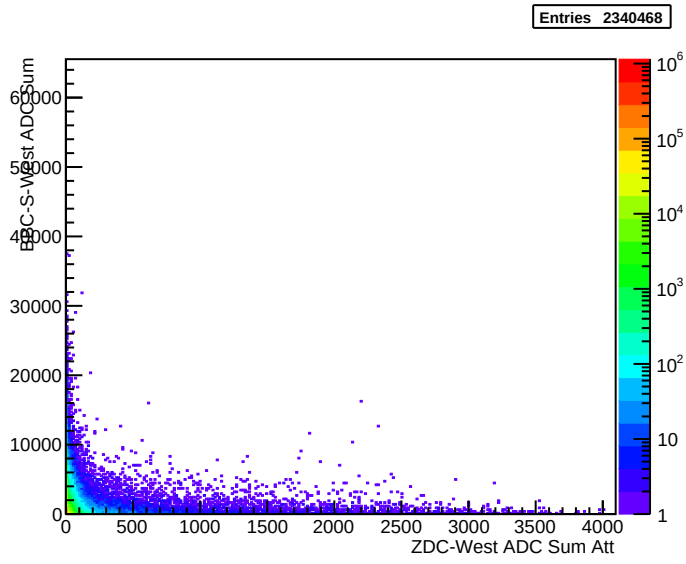

Entries 2340468
TOF Mult
VPD-East ADC Sum

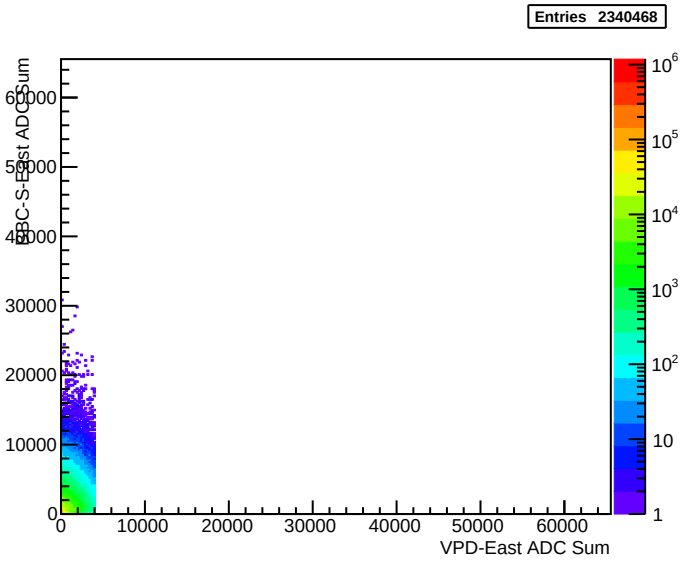

Entries 2340468
TOF Mult
VPD-West ADC Sum

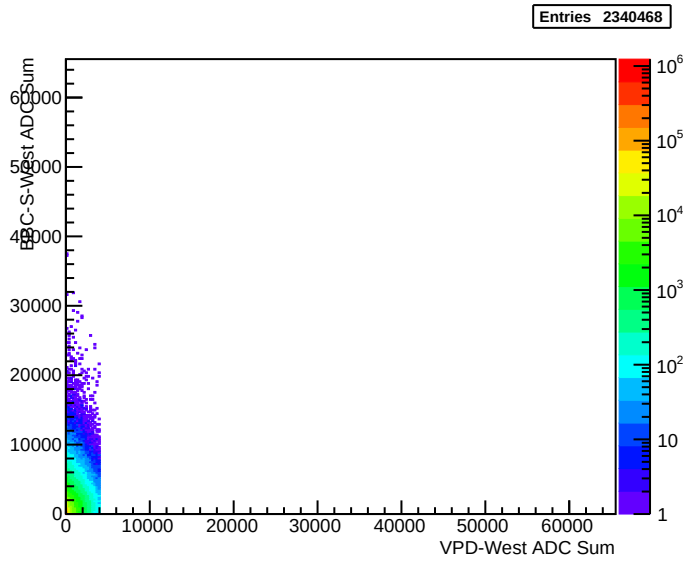

Entries 2340468
TOF Mult
ZDC-East ADC Sum Att

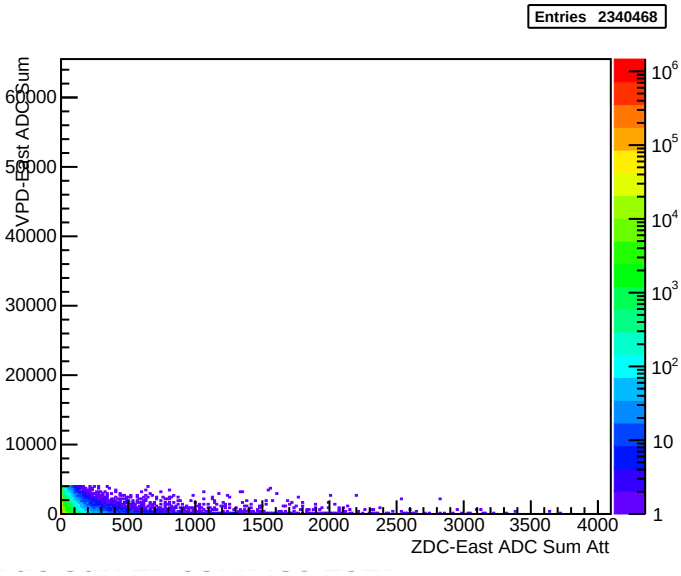

Entries 2340468
TOF Mult
ZDC-West ADC Sum Att

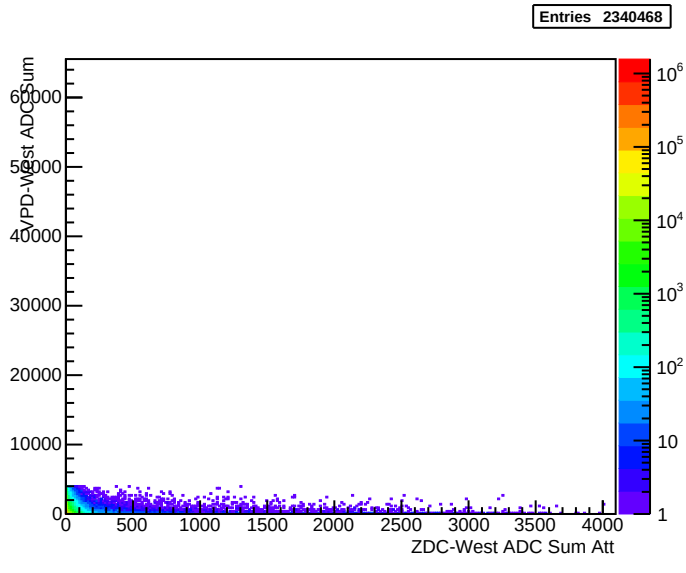

Entries 2340468
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

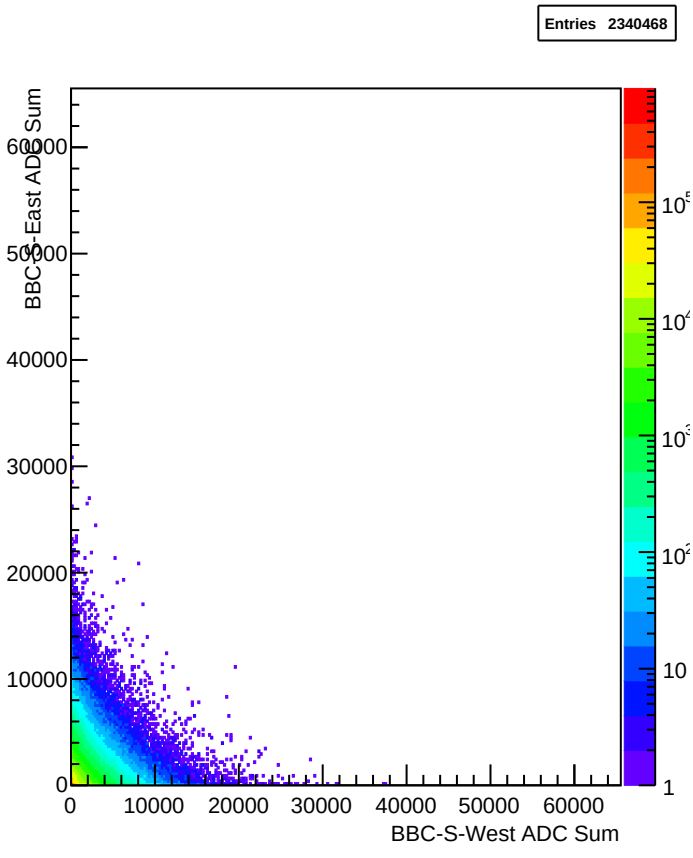

Entries 2340468
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

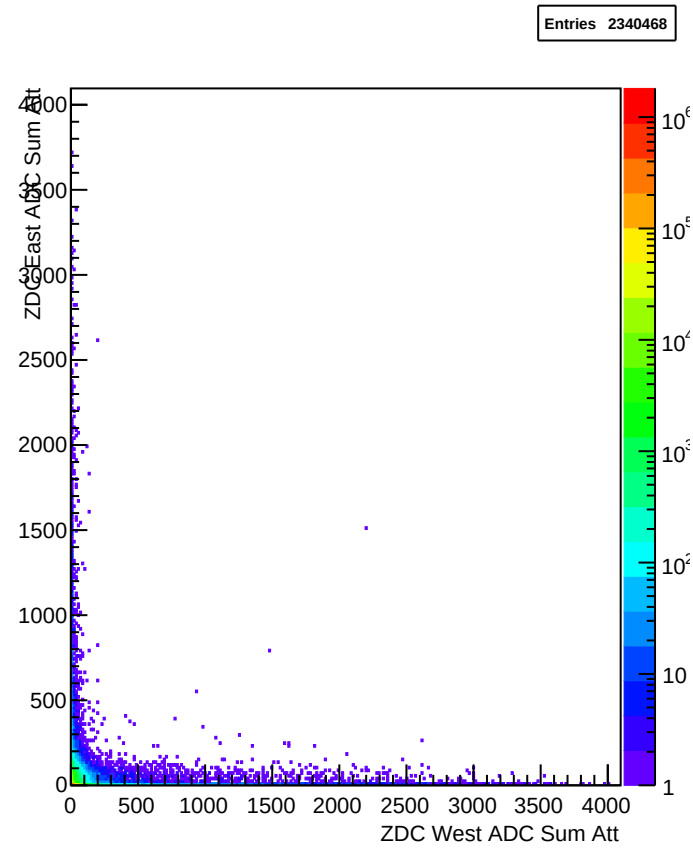

Entries 2340468
BBC-S-East ADC Sum
VPD-East ADC Sum

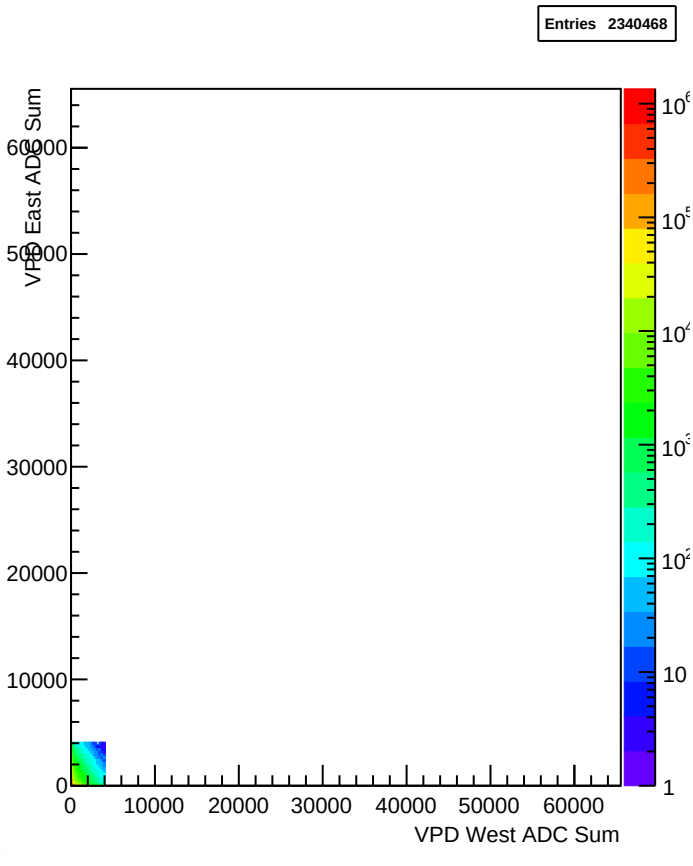

Entries 2340468
BBC-S-West ADC Sum
VPD-West ADC Sum

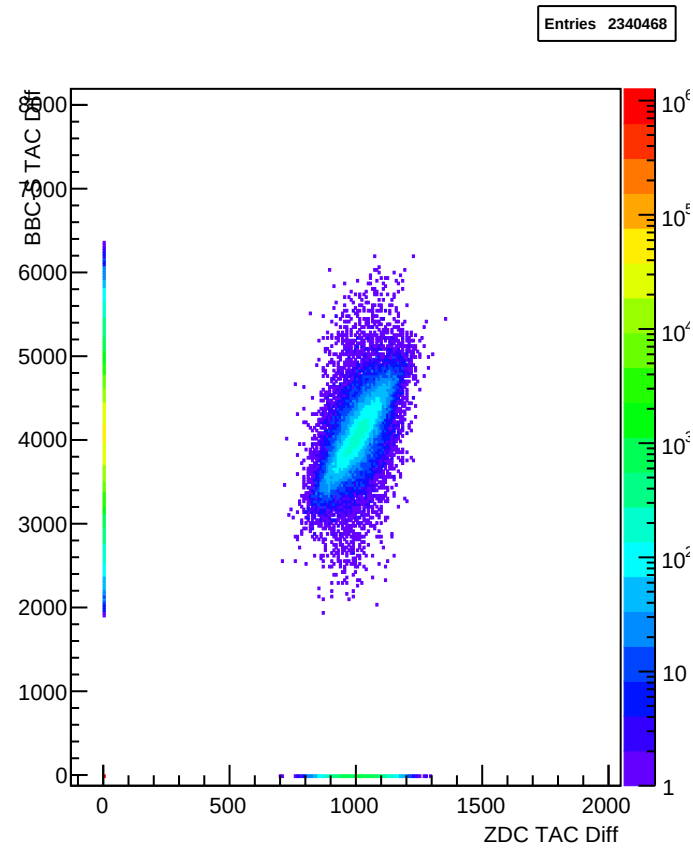

Entries 2340468
VPD-East ADC Sum
ZDC-East ADC Sum Att

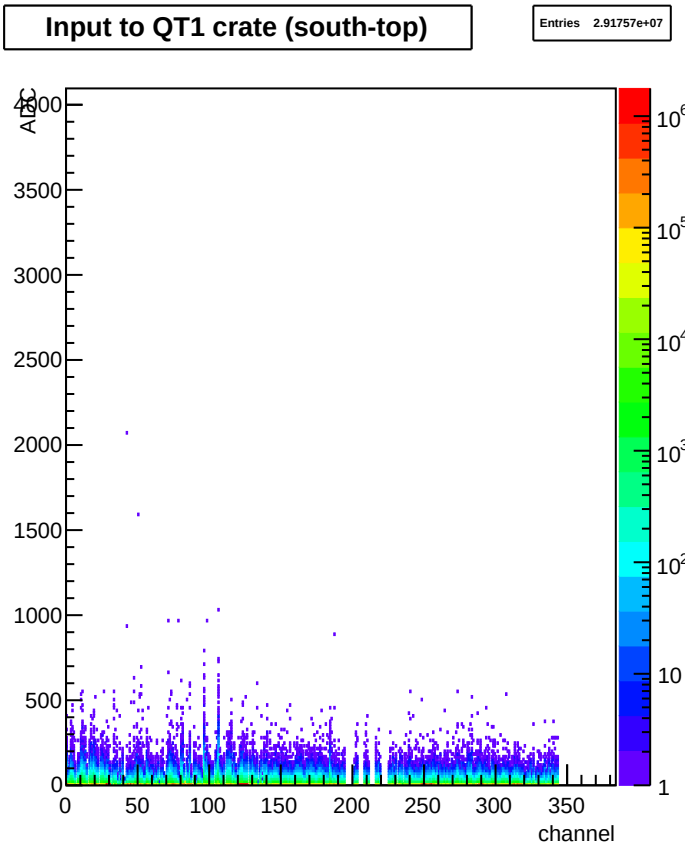

Entries 2340468
VPD-West ADC Sum
ZDC-West ADC Sum Att

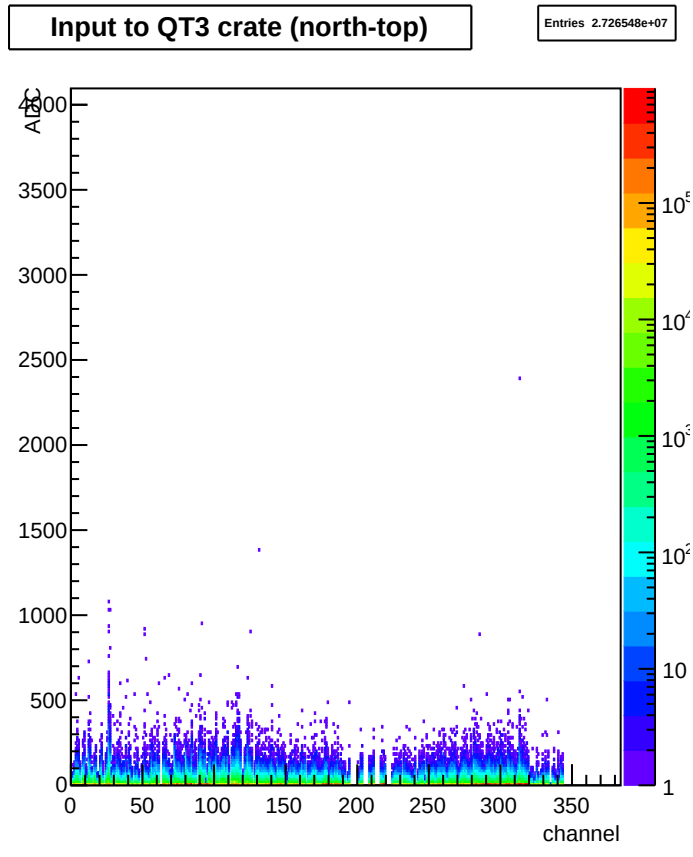

Entries 2340468
BBC-S-East ADC Sum
BBC-S-West ADC Sum

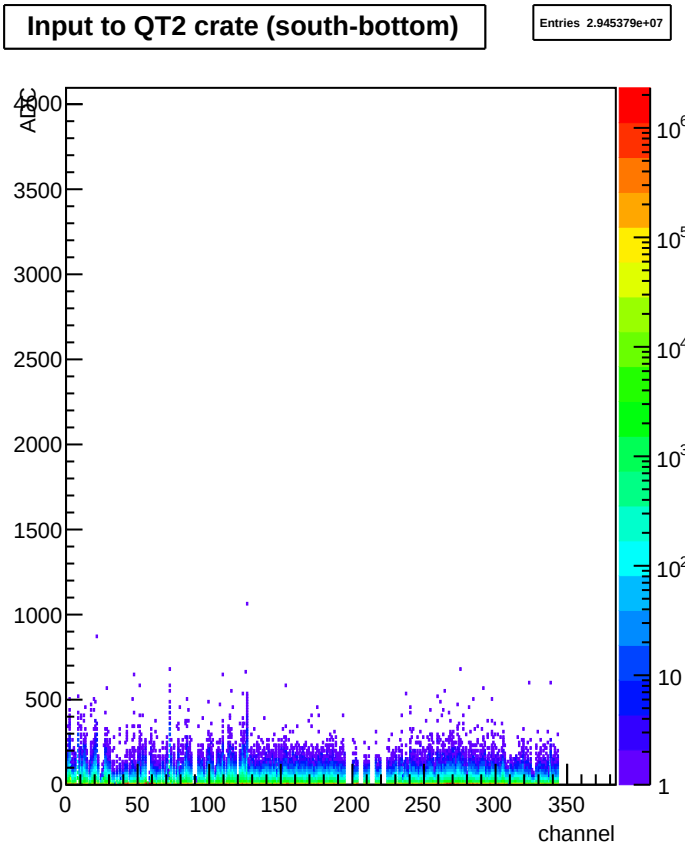

Entries 2340468
ZDC East ADC Sum Att
ZDC West ADC Sum Att

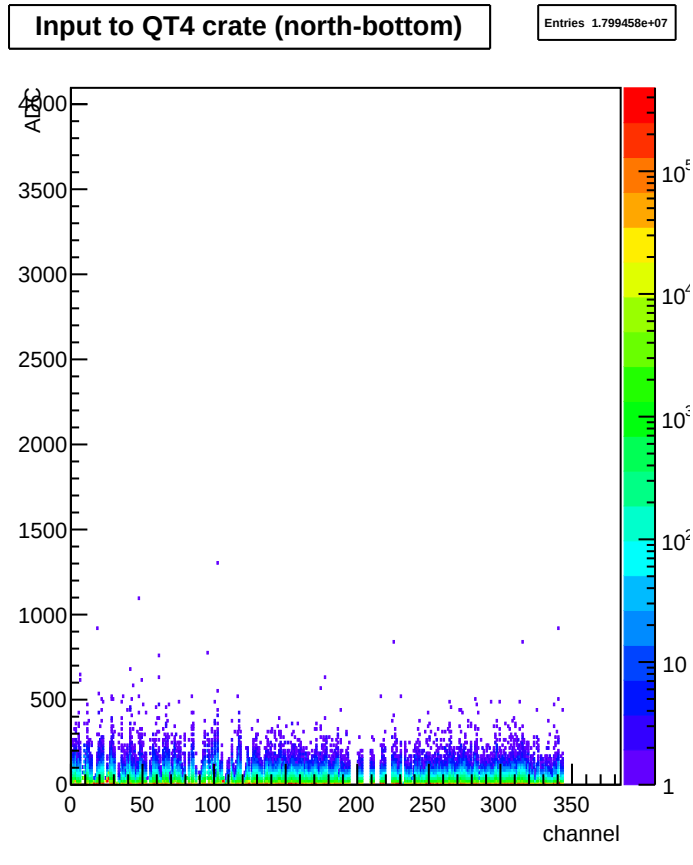

Entries 2340468
VPD East ADC Sum
VPD West ADC Sum

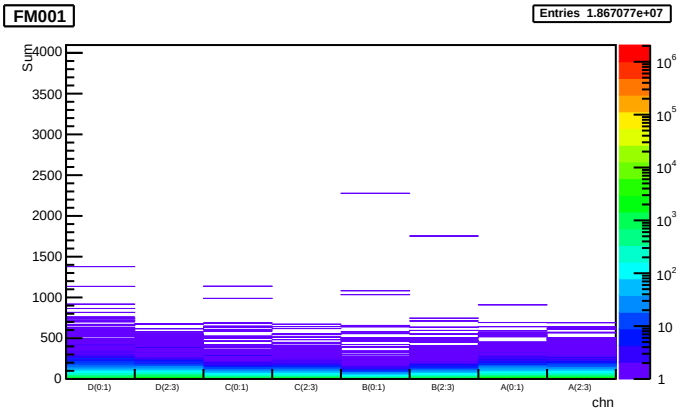

Entries 2340468
BBC-S TAC Diff
ZDC TAC Diff

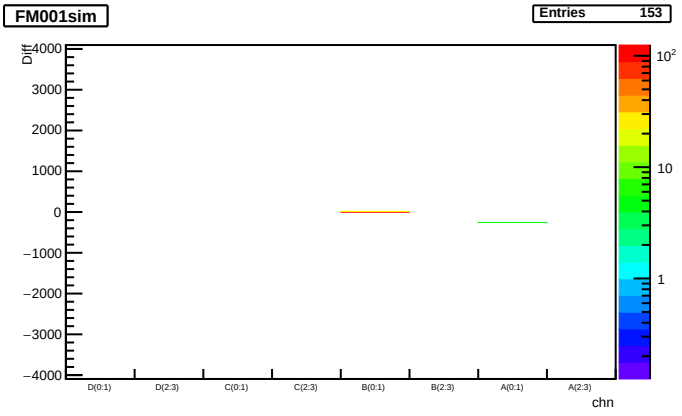

Input to QT1 crate (south-top)
Entries 2.91757e+07
ADC
channel

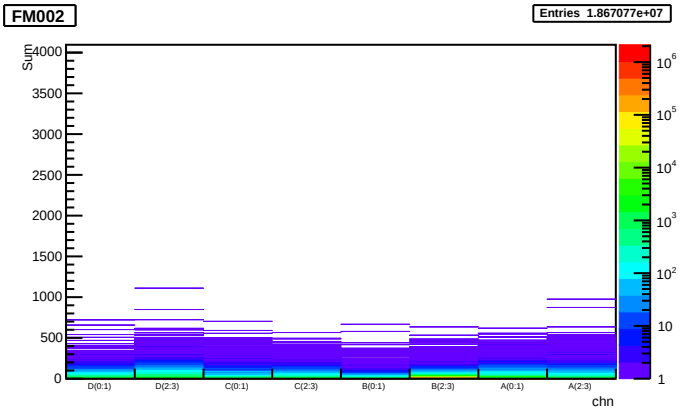

Input to QT3 crate (north-top)
Entries 2.726548e+07
ADC
channel

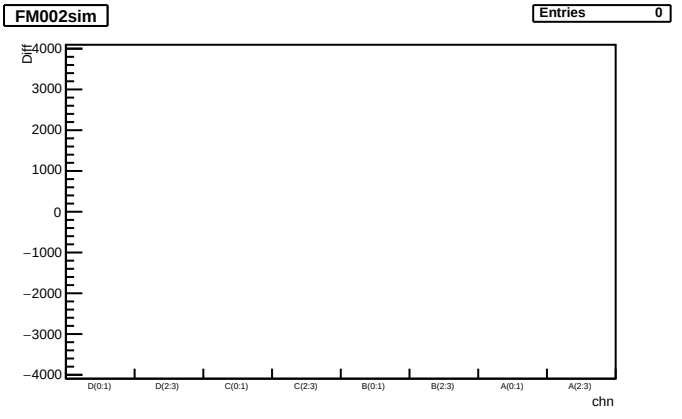

Input to QT2 crate (south-bottom)
Entries 2.945379e+07
ADC
channel

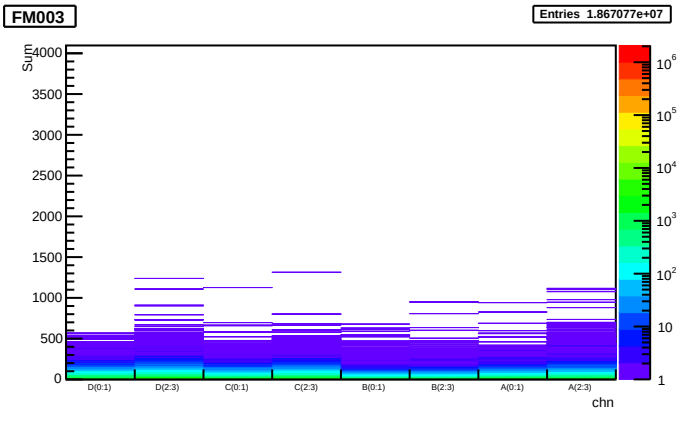

Input to QT4 crate (north-bottom)
Entries 1.799458e+07
ADC
channel

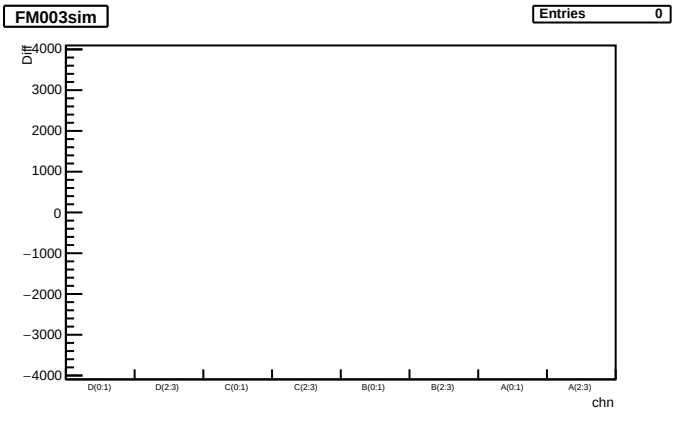

FM001
Entries 1.867077e+07
Sum
chn
D(0:1)
D(2:3)
C(0:1)
C(2:3)
B(0:1)
B(2:3)
A(0:1)
A(2:3)

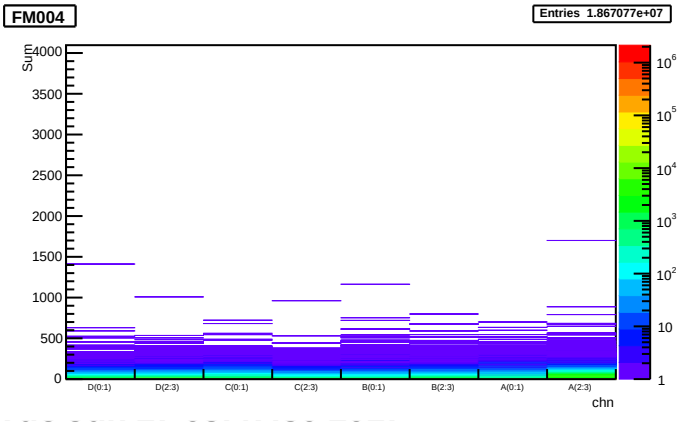

FM001sim
Entries 153
Diff
chn
D(0:1)
D(2:3)
C(0:1)
C(2:3)
B(0:1)
B(2:3)
A(0:1)
A(2:3)

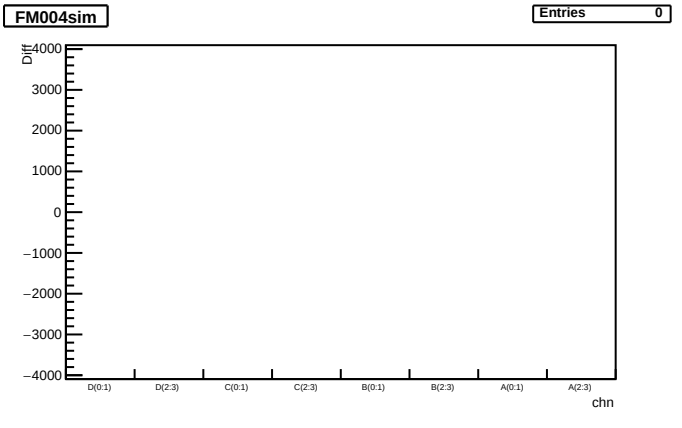

FM002
Entries 1.867077e+07
Sum
chn
D(0:1)
D(2:3)
C(0:1)
C(2:3)
B(0:1)
B(2:3)
A(0:1)
A(2:3)

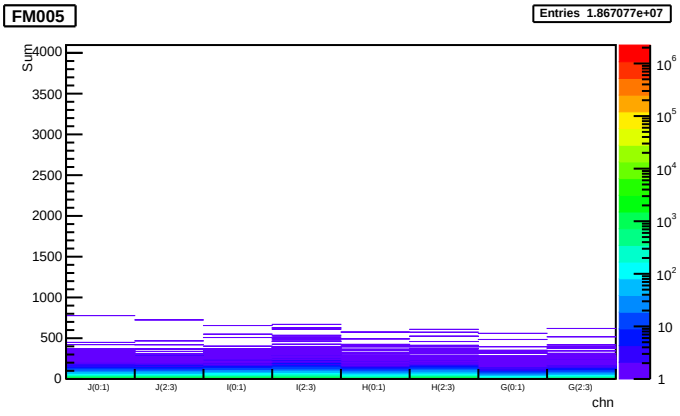

FM002sim
Entries 0
Diff
chn
D(0:1)
D(2:3)
C(0:1)
C(2:3)
B(0:1)
B(2:3)
A(0:1)
A(2:3)

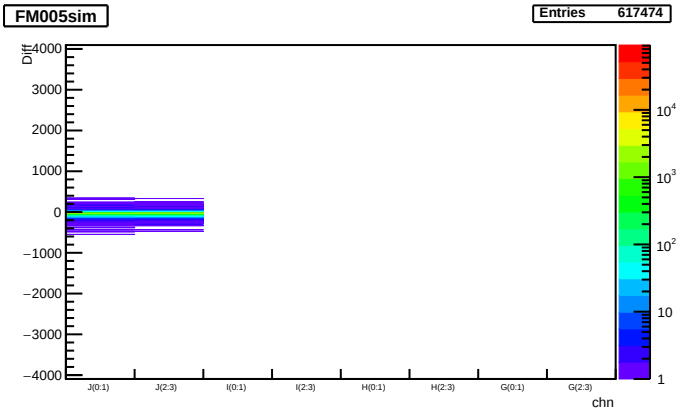

FM003
Entries 1.867077e+07
Sum
chn
D(0:1)
D(2:3)
C(0:1)
C(2:3)
B(0:1)
B(2:3)
A(0:1)
A(2:3)

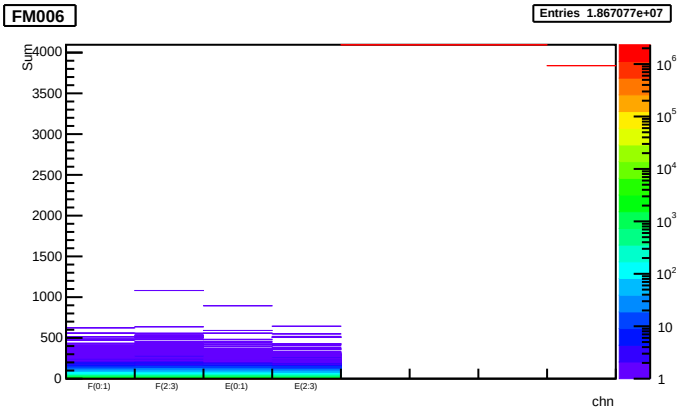

FM003sim
Entries 0
Diff
chn
D(0:1)
D(2:3)
C(0:1)
C(2:3)
B(0:1)
B(2:3)
A(0:1)
A(2:3)

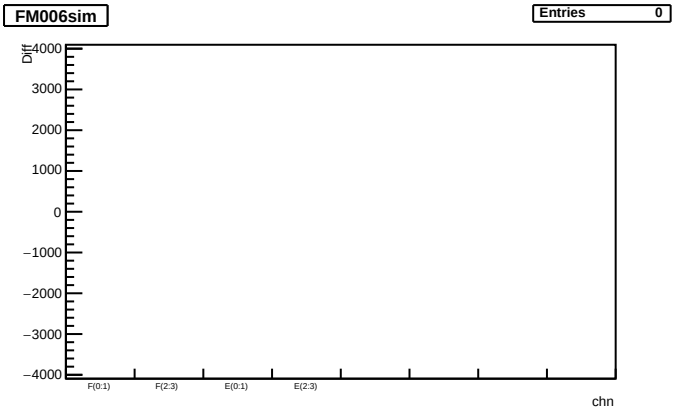

FM004
Entries 1.867077e+07
Sum
chn
D(0:1)
D(2:3)
C(0:1)
C(2:3)
B(0:1)
B(2:3)
A(0:1)
A(2:3)

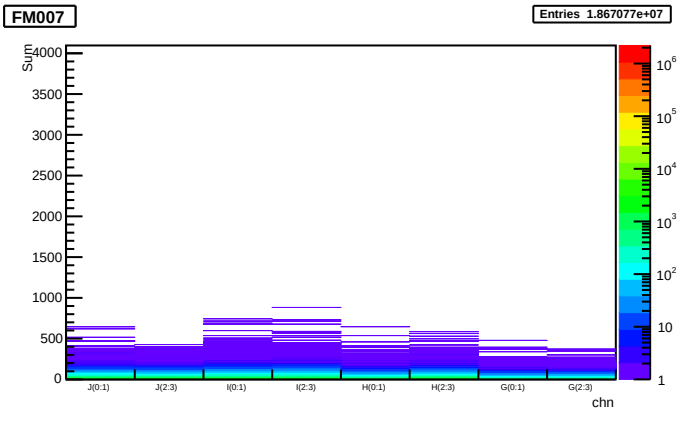

FM004sim
Entries 0
Diff
chn
D(0:1)
D(2:3)
C(0:1)
C(2:3)
B(0:1)
B(2:3)
A(0:1)
A(2:3)

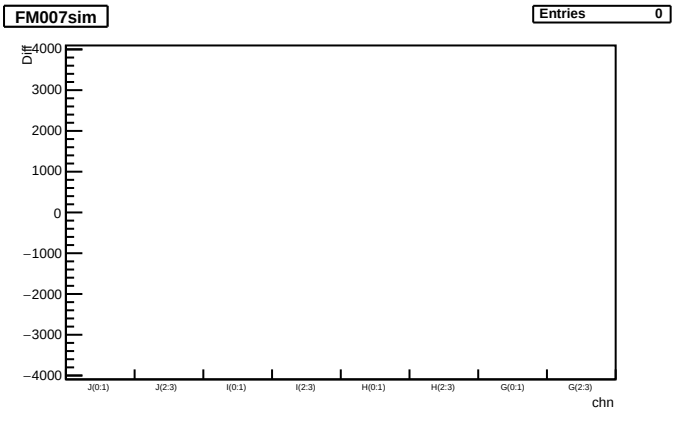

FM005
Entries 1.867077e+07
Sum
chn
J(0:1)
J(2:3)
I(0:1)
I(2:3)
H(0:1)
H(2:3)
G(0:1)
G(2:3)

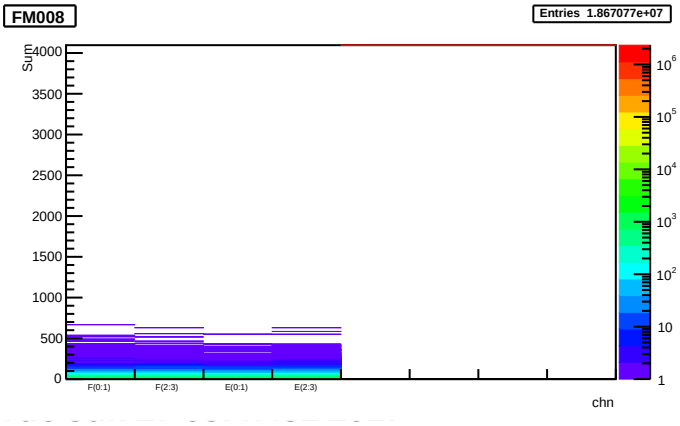

FM005sim
Entries 617474
Diff
chn
J(0:1)
J(2:3)
I(0:1)
I(2:3)
H(0:1)
H(2:3)
G(0:1)
G(2:3)

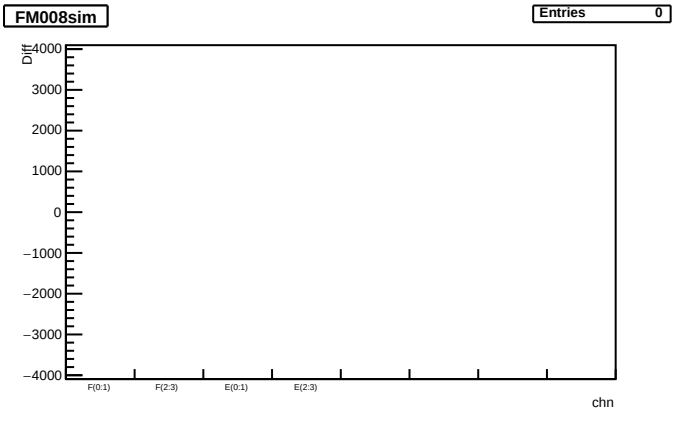

FM006
Entries 1.867077e+07
Sum
chn
F(0:1)
F(2:3)
E(0:1)
E(2:3)

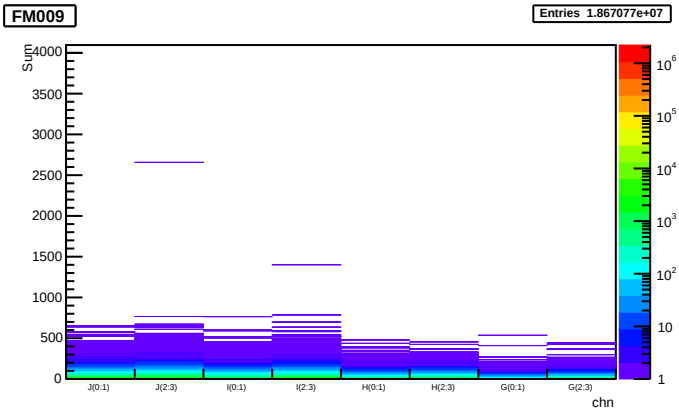

FM006sim
Entries 0
Diff
chn
F(0:1)
F(2:3)
E(0:1)
E(2:3)

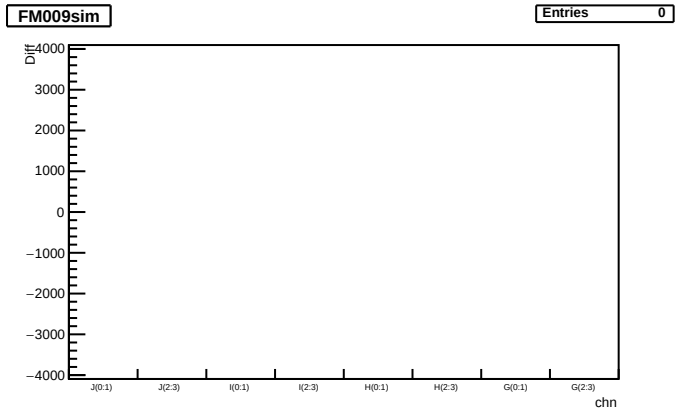

FM007
Entries 1.867077e+07
Sum
chn
J(0:1)
J(2:3)
I(0:1)
I(2:3)
H(0:1)
H(2:3)
G(0:1)
G(2:3)

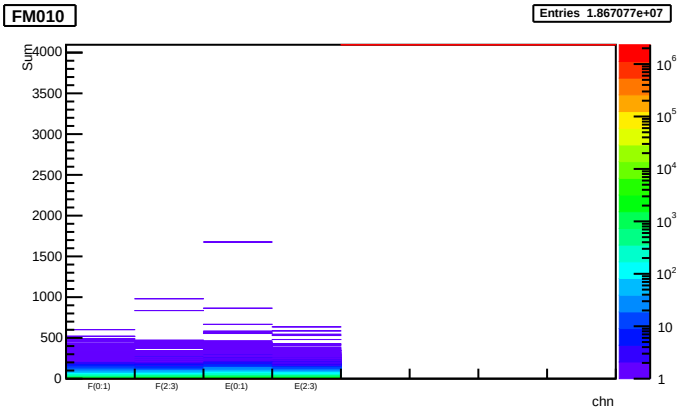

FM007sim
Entries 0
Diff
chn
J(0:1)
J(2:3)
I(0:1)
I(2:3)
H(0:1)
H(2:3)
G(0:1)
G(2:3)

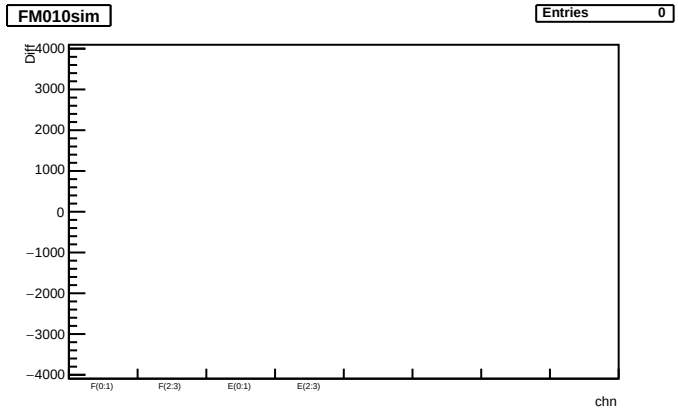

FM008
Entries 1.867077e+07
Sum
chn
F(0:1)
F(2:3)
E(0:1)
E(2:3)

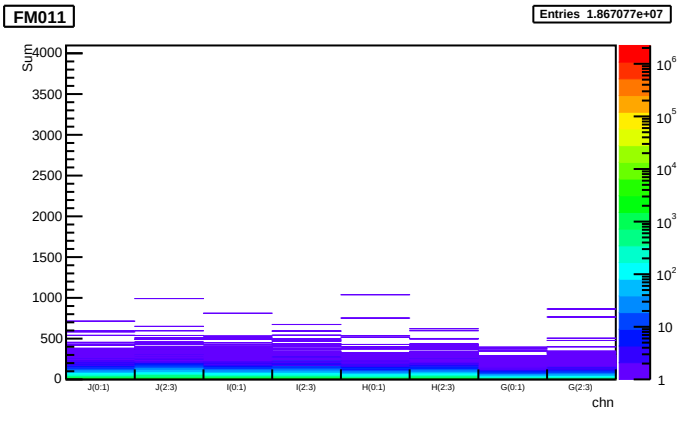

FM008sim
Entries 0
Diff
chn
F(0:1)
F(2:3)
E(0:1)
E(2:3)

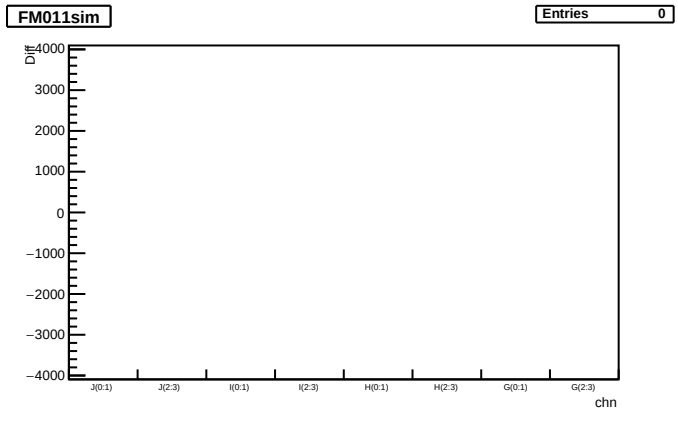

FM009
Entries 1.867077e+07
Sum
chn
J(0:1)
J(2:3)
I(0:1)
I(2:3)
H(0:1)
H(2:3)
G(0:1)
G(2:3)

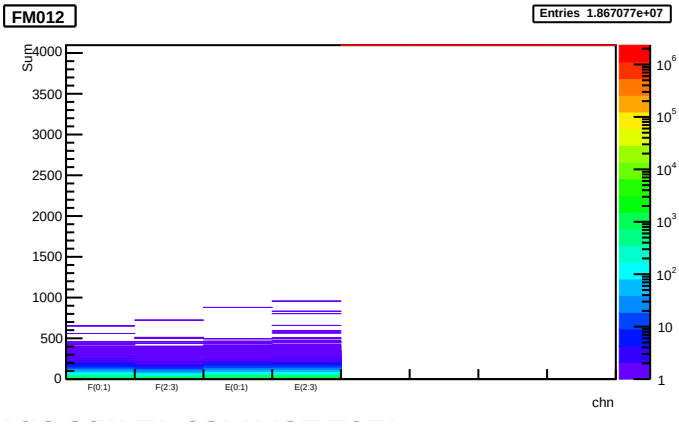

FM009sim
Entries 0
Diff
chn
J(0:1)
J(2:3)
I(0:1)
I(2:3)
H(0:1)
H(2:3)
G(0:1)
G(2:3)

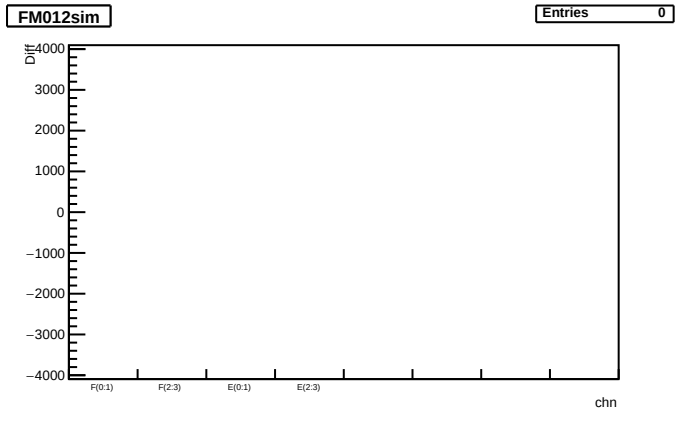

FM010
Entries 1.867077e+07
Sum
chn
F(0:1)
F(2:3)
E(0:1)
E(2:3)

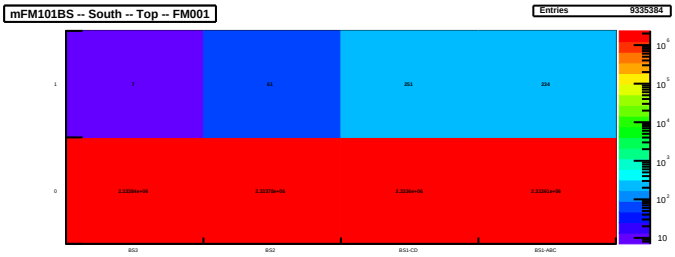

FM010sim
Entries 0
Diff
chn
F(0:1)
F(2:3)
E(0:1)
E(2:3)

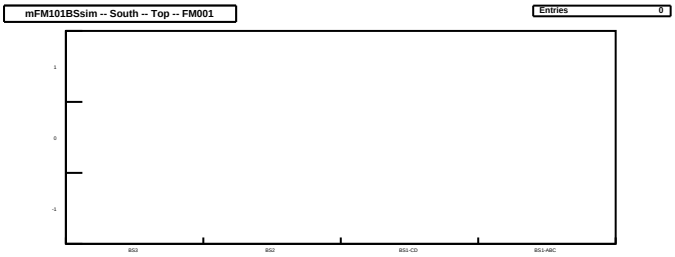

FM011
Entries 1.867077e+07
Sum
chn
J(0:1)
J(2:3)
I(0:1)
I(2:3)
H(0:1)
H(2:3)
G(0:1)
G(2:3)

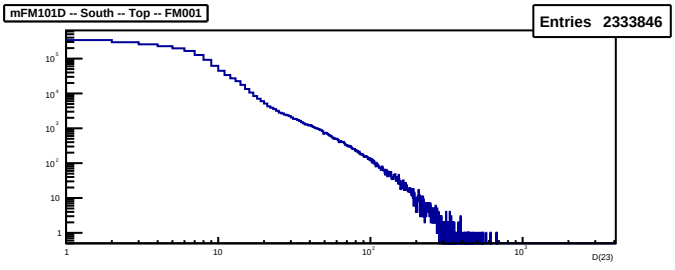

FM011sim
Entries 0
Diff
chn
J(0:1)
J(2:3)
I(0:1)
I(2:3)
H(0:1)
H(2:3)
G(0:1)
G(2:3)

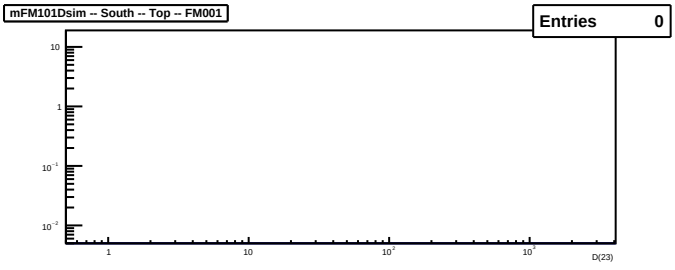

FM012
Entries 1.867077e+07
Sum
chn
F(0:1)
F(2:3)
E(0:1)
E(2:3)

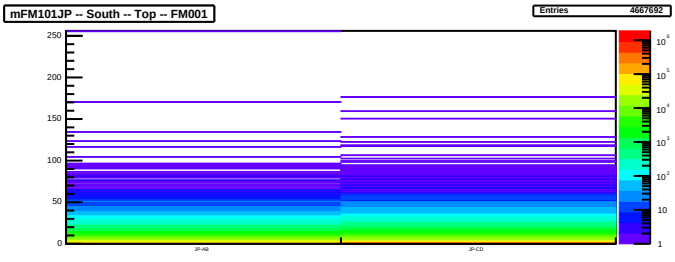

FM012sim
Entries 0
Diff
chn
F(0:1)
F(2:3)
E(0:1)
E(2:3)


mFM101BS -- South -- Top -- FM001
Entries 9335384
7
41
251
234
2.33364e+06
2.33379e+06
2.33394e+06
2.33410e+06
BS3
BS2
BS1-CD
BS1-ABC

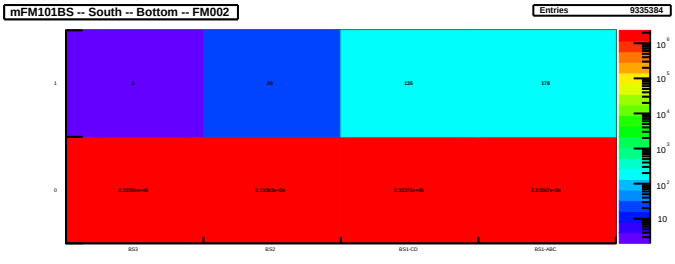

mFM101BSsim -- South -- Top -- FM001
Entries 0
BS3
BS2
BS1-CD
BS1-ABC

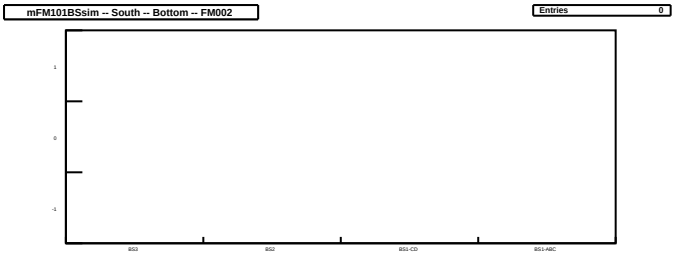

mFM101D -- South -- Top -- FM001
Entries 2333846
D(23)

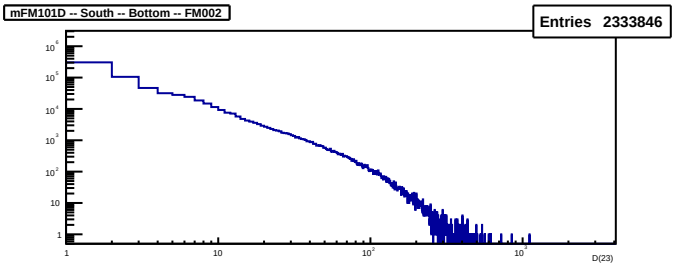

mFM101Dsim -- South -- Top -- FM001
Entries 0
D(23)

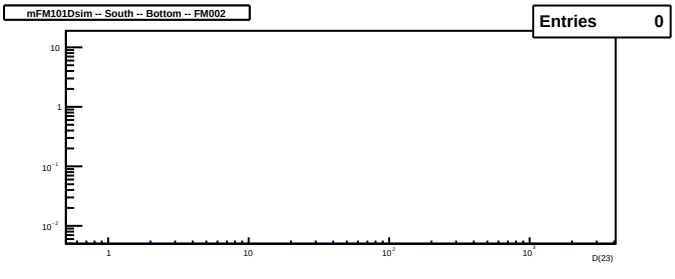

mFM101JP -- South -- Top -- FM001
Entries 4667692
JP-AB
JP-CD

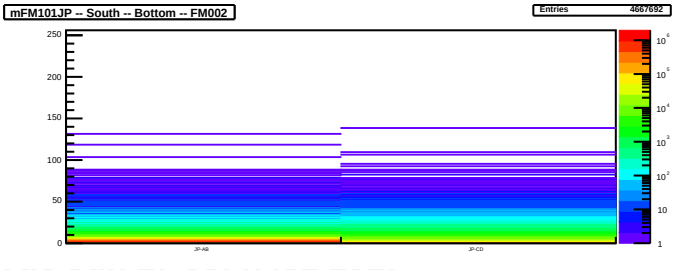
mFM101JPsim -- South -- Top -- FM001
Entries 0
JP-AB
JP-CD

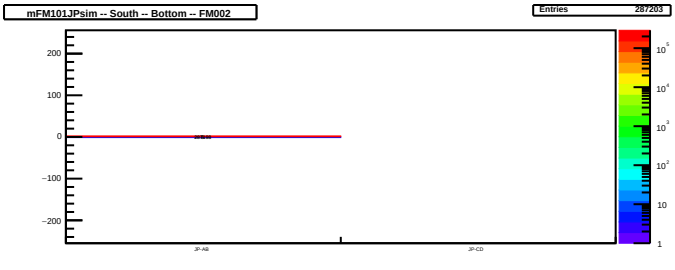

mFM101BS -- South -- Bottom -- FM002
Entries 9335384
2
20
135
178
2.33364e+06
2.33383e+06
2.33371e+06
2.33367e+06
BS3
BS2
BS1-CD
BS1-ABC

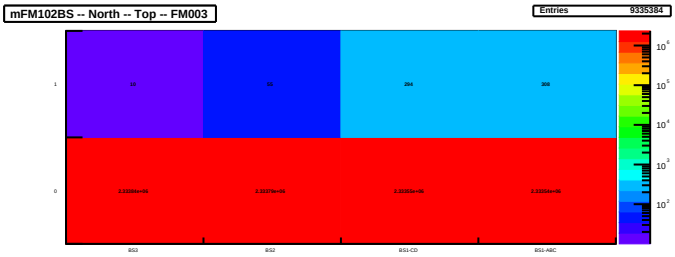

mFM101BSsim -- South -- Bottom -- FM002
Entries 0
BS3
BS2
BS1-CD
BS1-ABC


mFM101D -- South -- Bottom -- FM002
Entries 2333846
D(23)

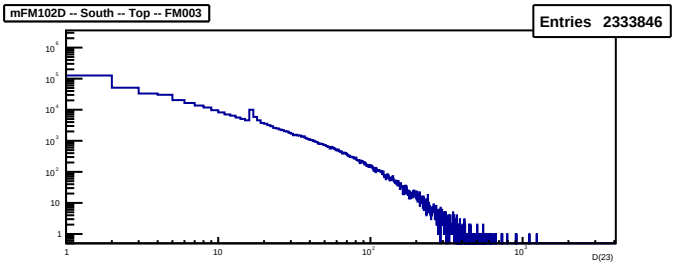

mFM101Dsim -- South -- Bottom -- FM002
Entries 0
D(23)

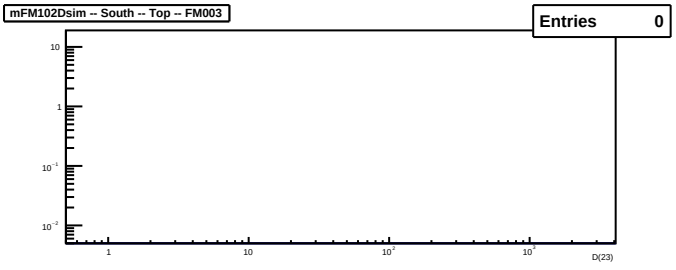

mFM101JP -- South -- Bottom -- FM002
Entries 4667692
JP-AB
JP-CD

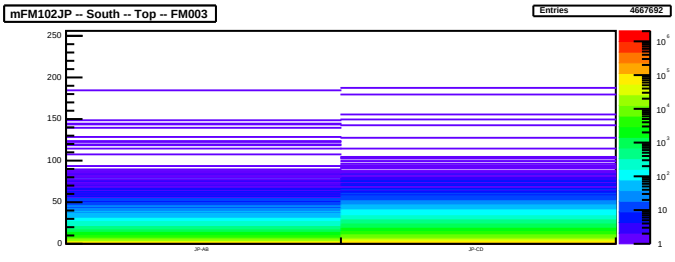

mFM101JPsim -- South -- Bottom -- FM002
Entries 287203
JP-AB
JP-CD


mFM102BS -- North -- Top -- FM003
Entries 9335384
BS3
BS2
BS1-CD
BS1-ABC

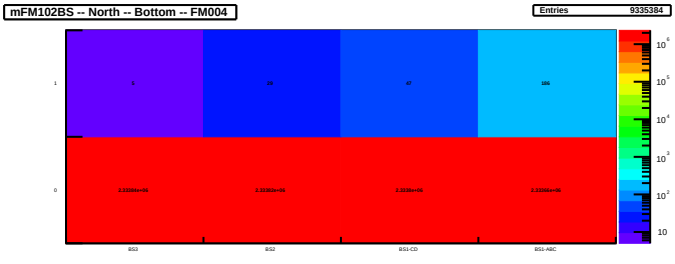
mFM102BSsim -- North -- Top -- FM003
Entries 0
BS3
BS2
BS1-CD
BS1-ABC

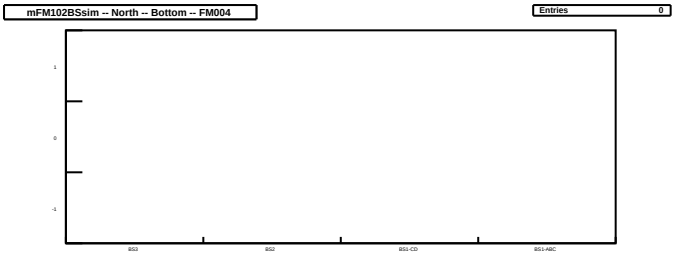

mFM102D -- South -- Top -- FM003
Entries 2333846
D(23)

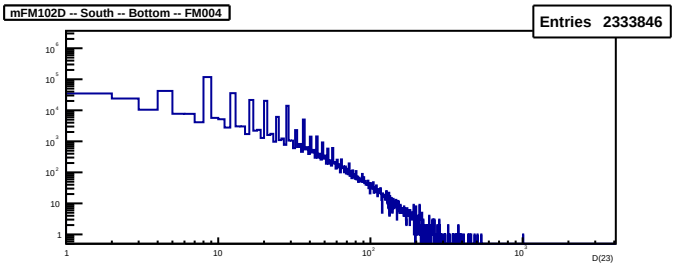

mFM102Dsim -- South -- Top -- FM003
Entries 0
D(23)

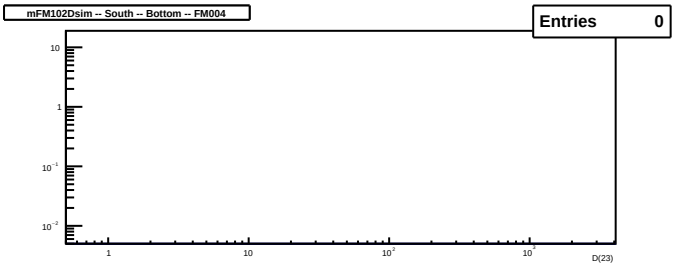

mFM102JP -- South -- Top -- FM003
Entries 4667692
JP-AB
JP-CD

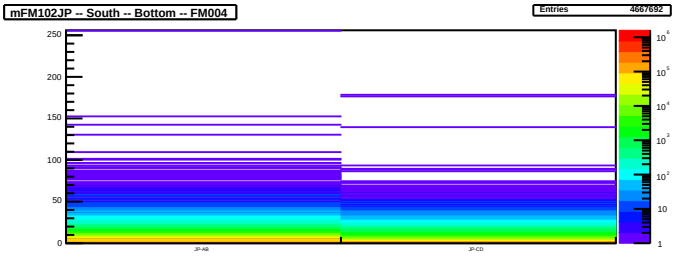
mFM102JPsim -- South -- Top -- FM003
Entries 0
JP-AB
JP-CD

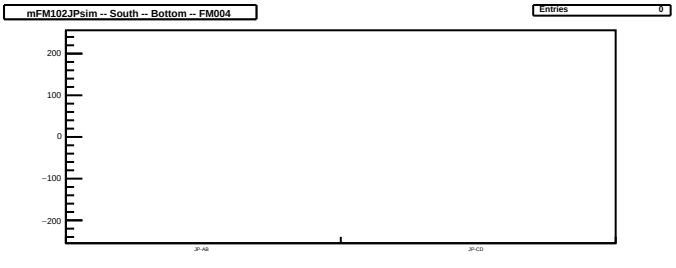

mFM102BS -- North -- Bottom -- FM004
Entries 9335384
BS3
BS2
BS1-CD
BS1-ABC

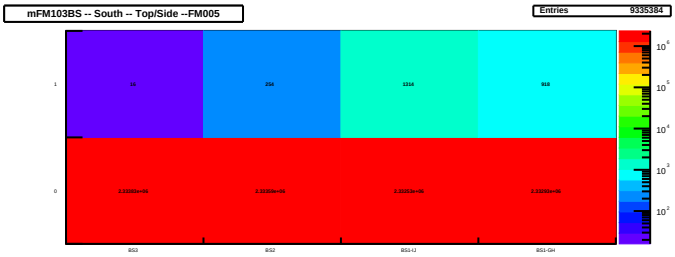

mFM102BSsim -- North -- Bottom -- FM004
Entries 0
BS3
BS2
BS1-CD
BS1-ABC

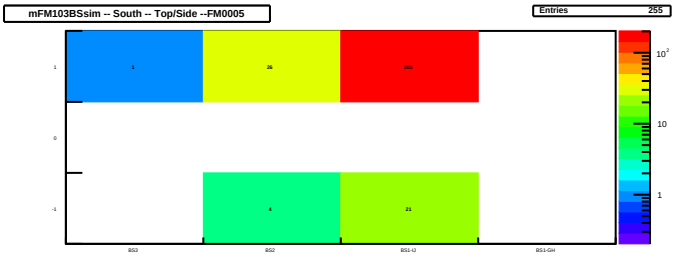

mFM102D -- South -- Bottom -- FM004
Entries 2333846
D(23)

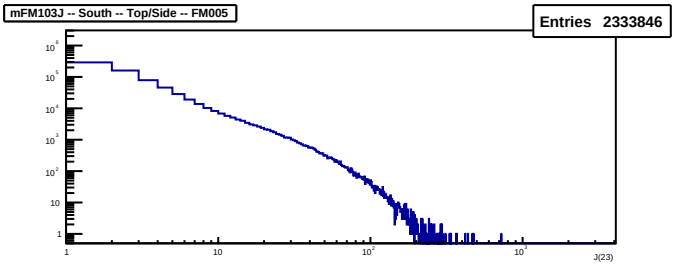

mFM102Dsim -- South -- Bottom -- FM004
Entries 0
D(23)

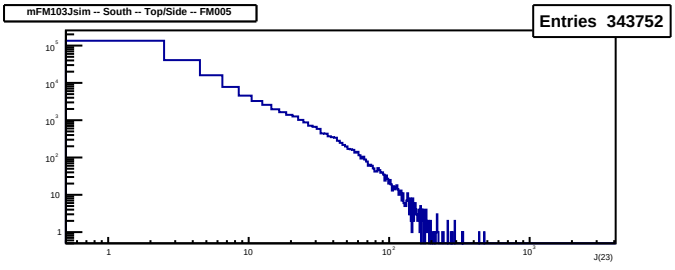

mFM102JP -- South -- Bottom -- FM004
Entries 4667692
JP-AB
JP-CD

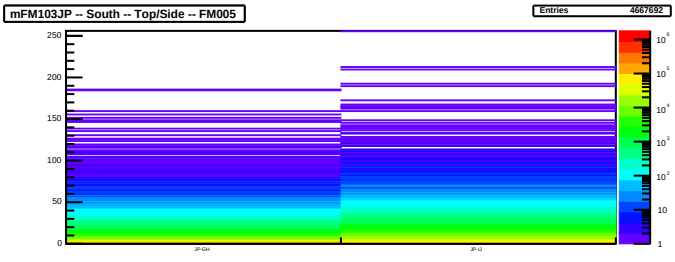

mFM102JPsim -- South -- Bottom -- FM004
Entries 0
JP-AB
JP-CD

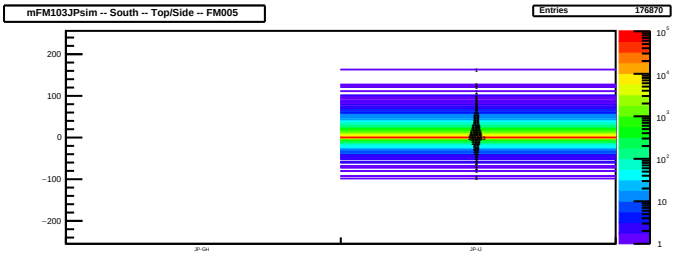

mFM103BS -- South -- Top/Side --FM005
Entries 9335384

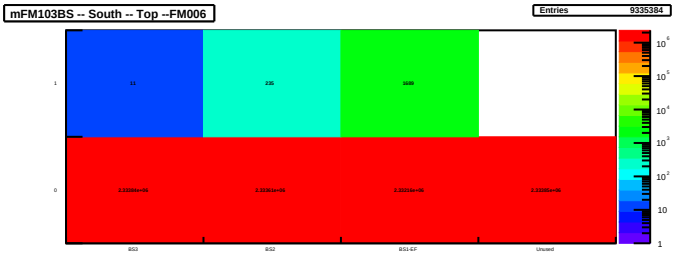

mFM103BSsim -- South -- Top/Side --FM0005
Entries 255

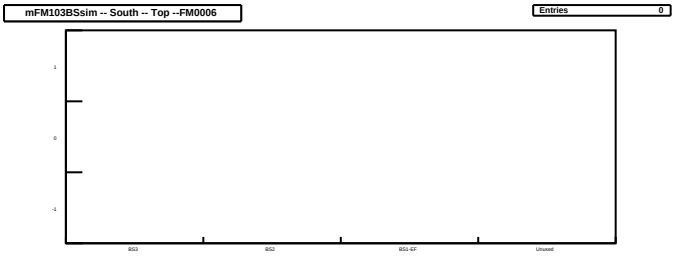

mFM103J -- South -- Top/Side -- FM005
Entries 2333846
J(23)

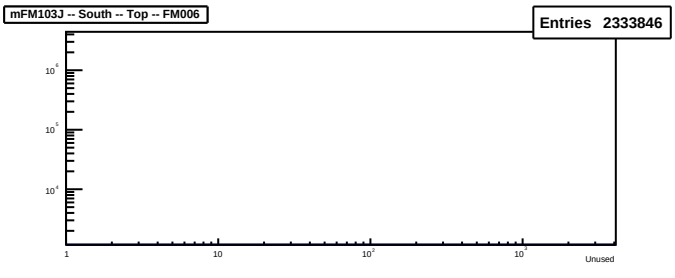

mFM103Jsim -- South -- Top/Side -- FM005
Entries 343752
J(23)

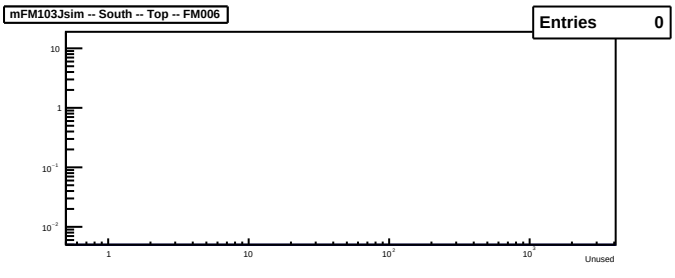

mFM103JP -- South -- Top/Side -- FM005
Entries 4667692


mFM103JPsim -- South -- Top/Side -- FM005
Entries 176870


mFM103BS -- South -- Top --FM006
Entries 9335384


mFM103BSsim -- South -- Top --FM0006
Entries 0


mFM103J -- South -- Top -- FM006
Entries 2333846
Unused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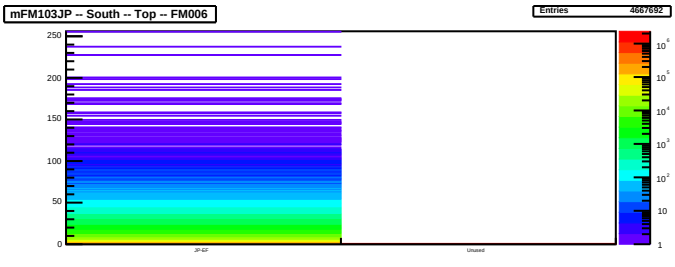
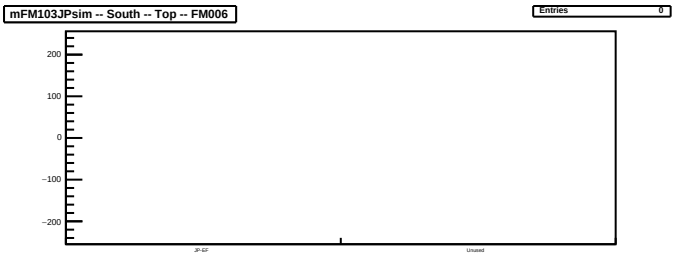
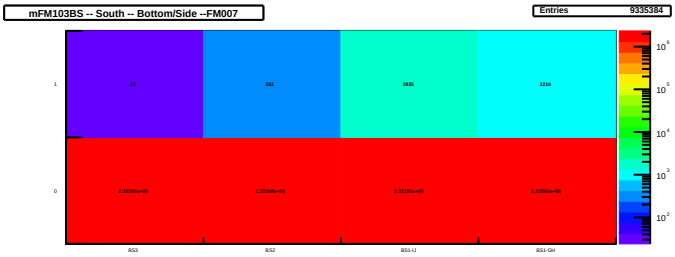
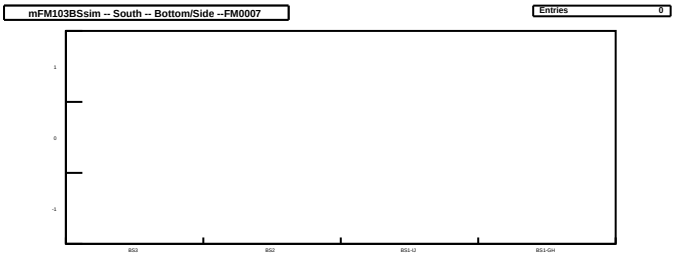
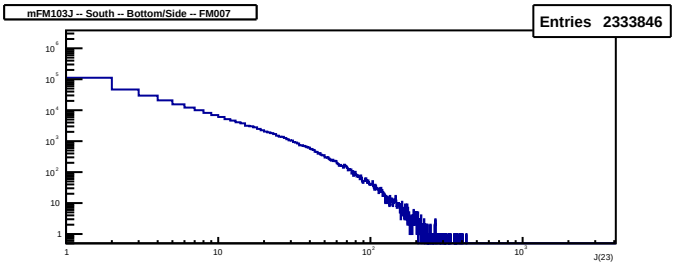
Entries 0
Unused

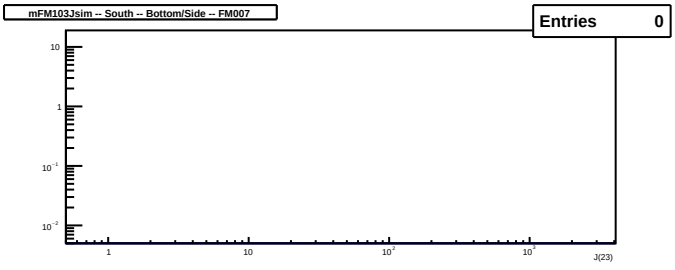

mFM103JP -- South -- Top -- FM006
Entries 4667692

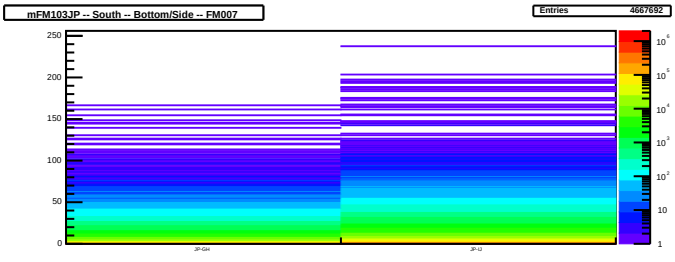

mFM103JPsim -- South -- Top -- FM006
Entries 0

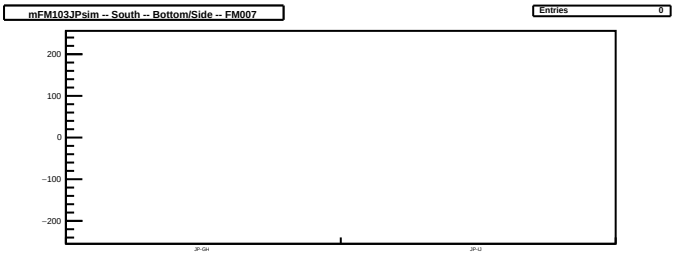

mFM103BS -- South -- Bottom/Side --FM007
Entries 9335384

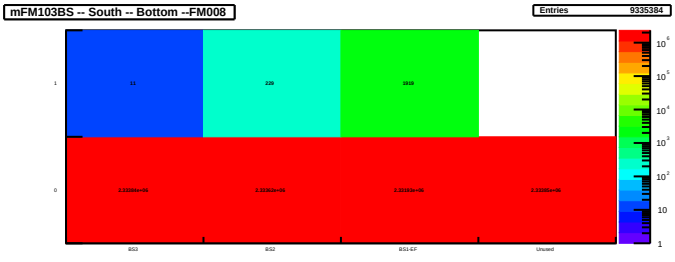

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 0

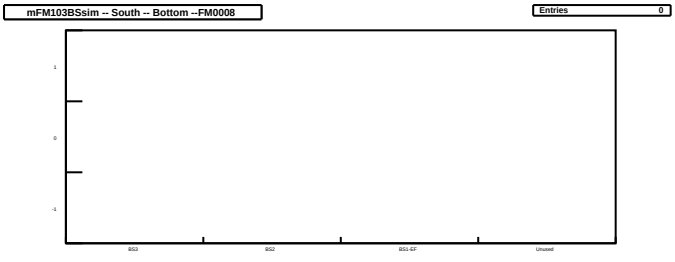

mFM103J -- South -- Bottom/Side -- FM007
Entries 2333846
J(23)

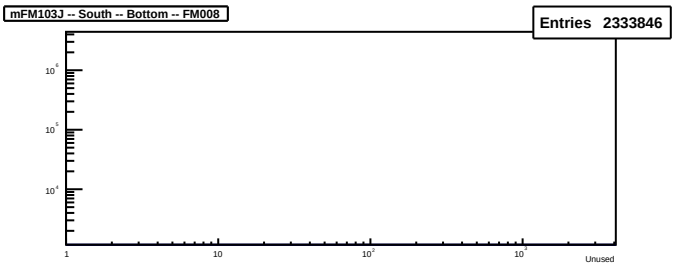

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 0
J(23)

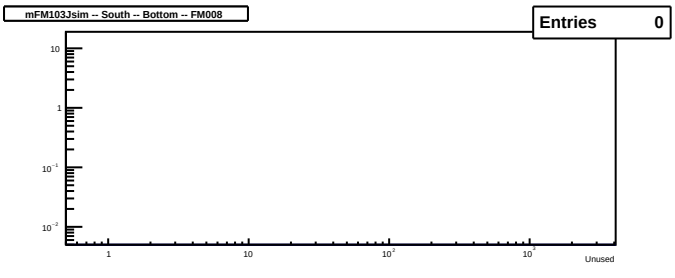

mFM103JP -- South -- Bottom/Side -- FM007
Entries 4667692

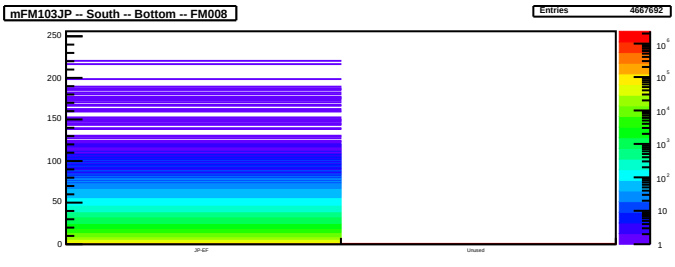

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 0

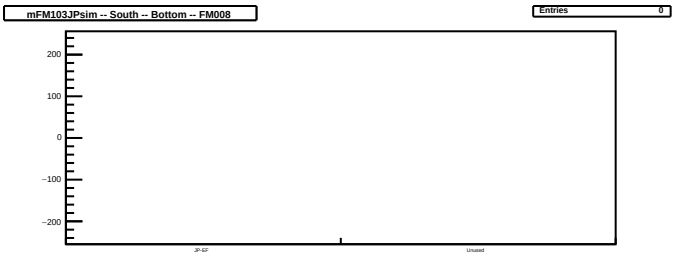

mFM103BS -- South -- Bottom --FM008
Entries 9335384

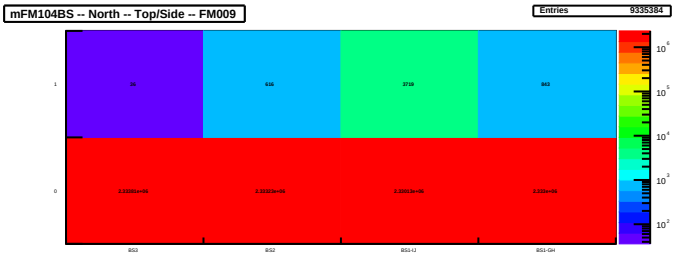

mFM103BSsim -- South -- Bottom --FM0008
Entries 0

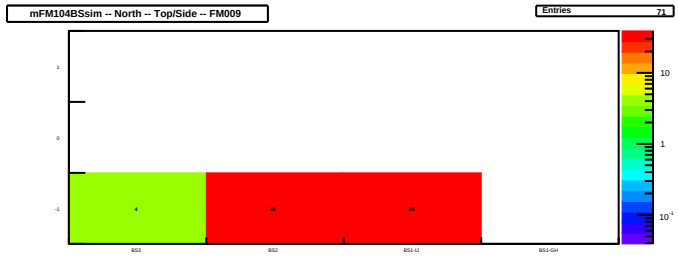

mFM103J -- South -- Bottom -- FM008
Entries 2333846
Unused

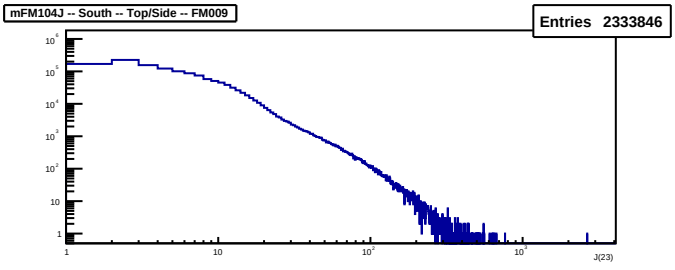

mFM103Jsim -- South -- Bottom -- FM008
Entries 0
Unused

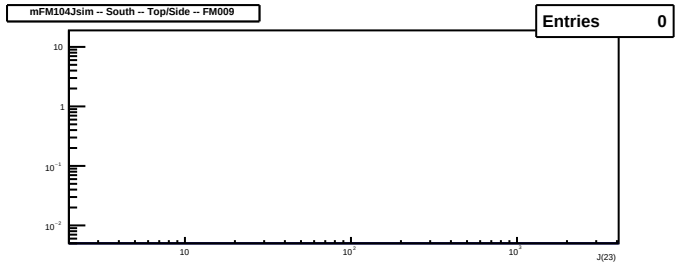

mFM103JP -- South -- Bottom -- FM008
Entries 4667692

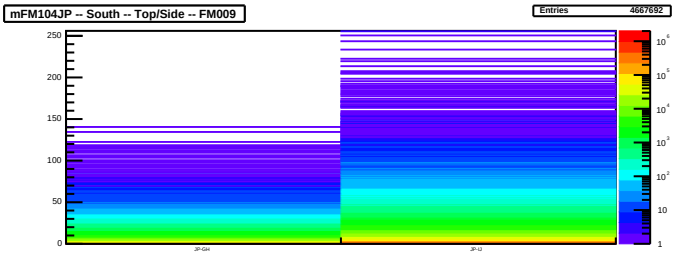

mFM103JPsim -- South -- Bottom -- FM008
Entries 0

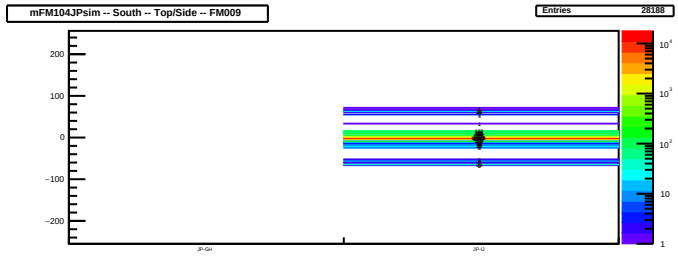

mFM104BS -- North -- Top/Side -- FM009
Entries 9335384


mFM104BSsim -- North -- Top/Side -- FM009
Entries 71


mFM104J -- South -- Top/Side -- FM009
Entries 2333846
J(23)


mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 4667692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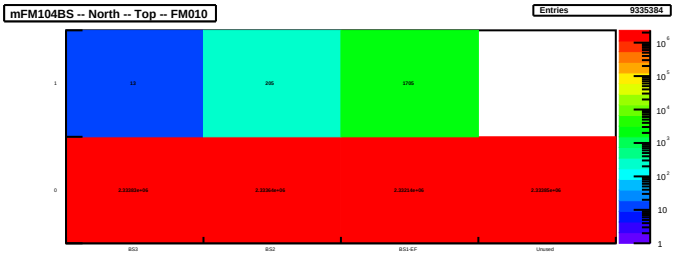
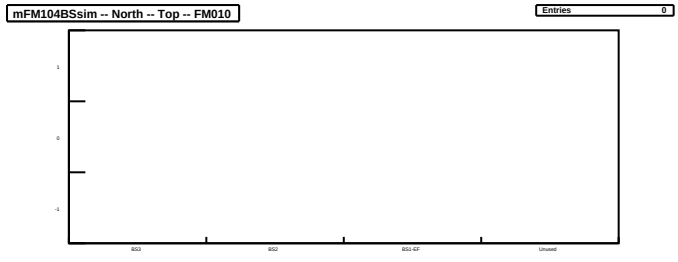
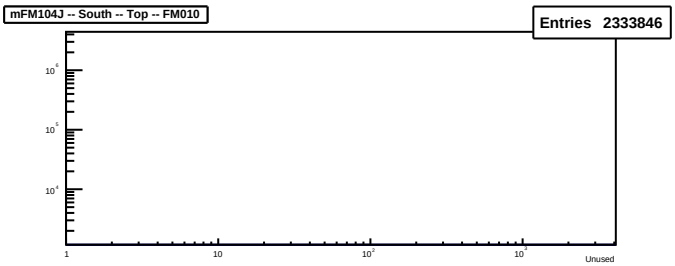
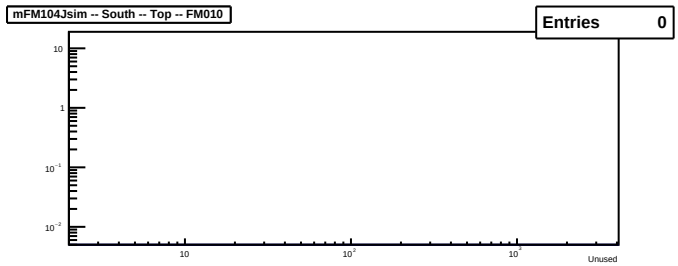
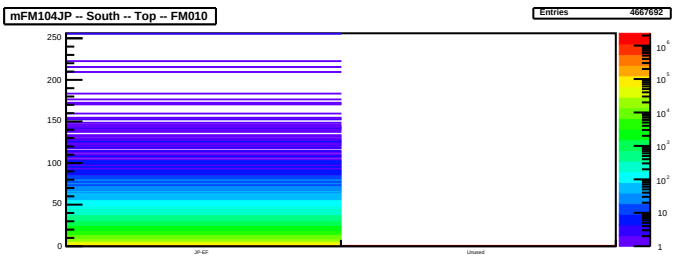
Entries 28188


mFM104BS -- North -- Top -- FM010
Entries 9335384

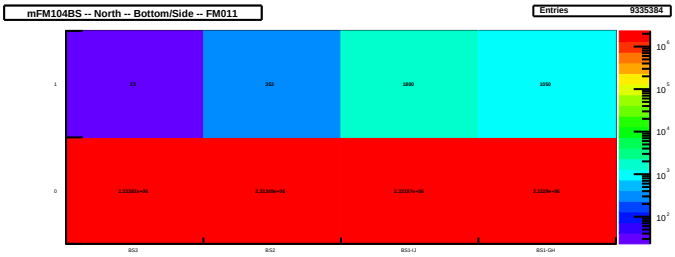

mFM104BSsim -- North -- Top -- FM010
Entries 0

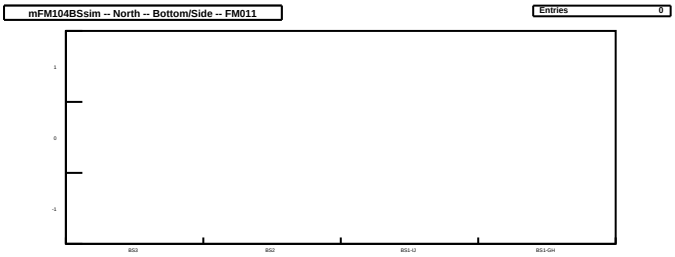

mFM104J -- South -- Top -- FM010
Entries 2333846
Unused

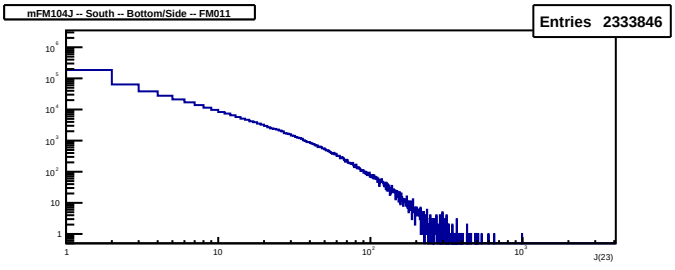

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

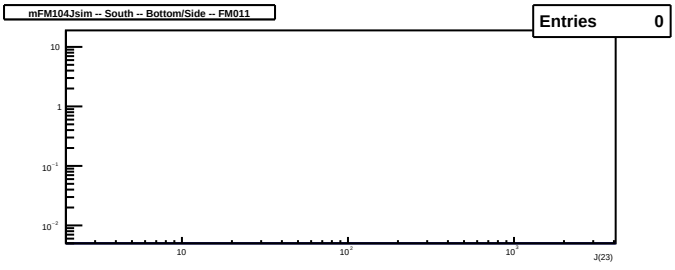

mFM104JP -- South -- Top -- FM010
Entries 4667692

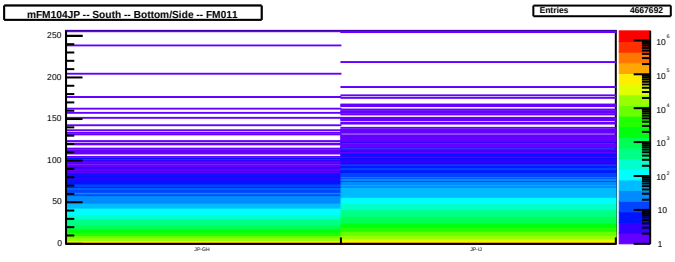
mFM104JPsim -- South -- Top -- FM010
Entries 0

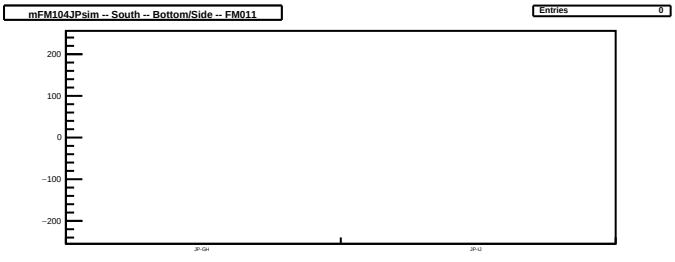

mFM104BS -- North -- Bottom/Side -- FM011
Entries 9335384
BS3
BS2
BS1-IJ
BS1-GH

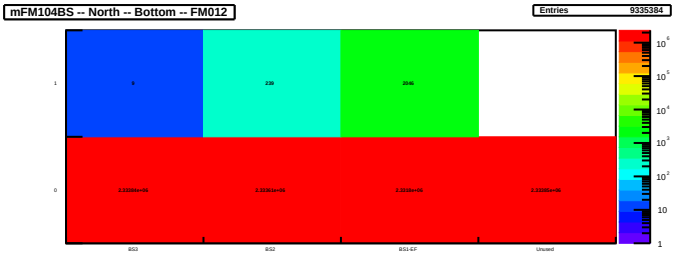

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 0
BS3
BS2
BS1-IJ
BS1-GH

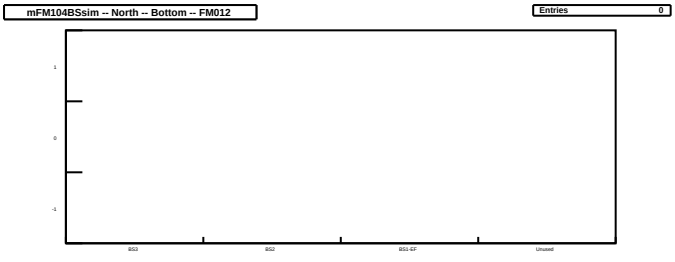

mFM104J -- South -- Bottom/Side -- FM011
Entries 2333846
J(23)

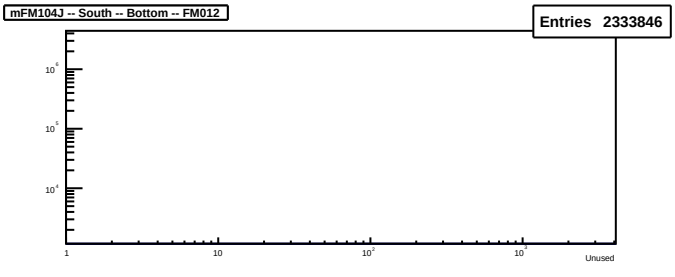

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

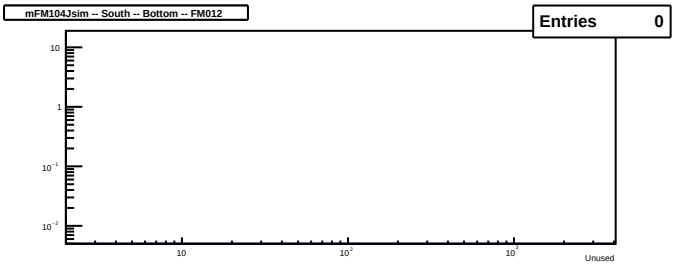

mFM104JP -- South -- Bottom/Side -- FM011
Entries 4667692
JP-GH
JP-IJ

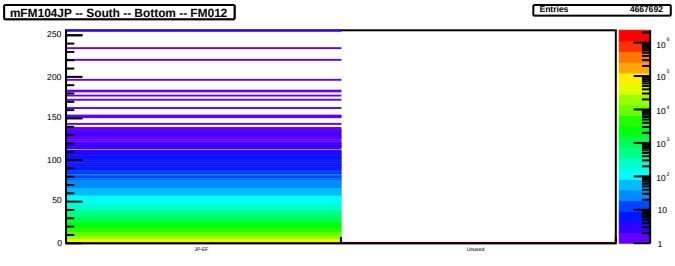

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 0
JP-GH
JP-IJ


mFM104BS -- North -- Bottom -- FM012
Entries 9335384
BS3
BS2
BS1-EF
Unused

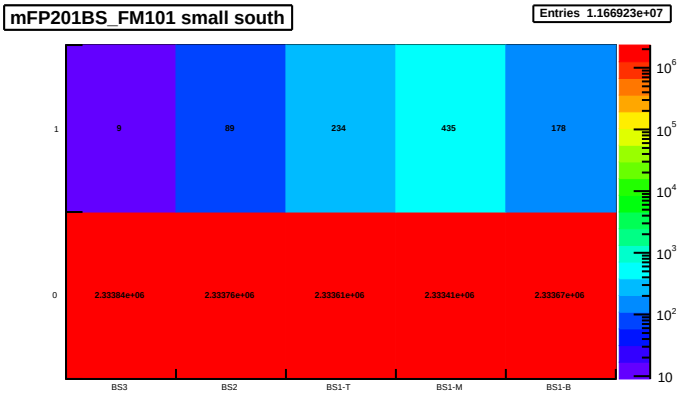

mFM104BSsim -- North -- Bottom -- FM012
Entries 0
BS3
BS2
BS1-EF
Unused

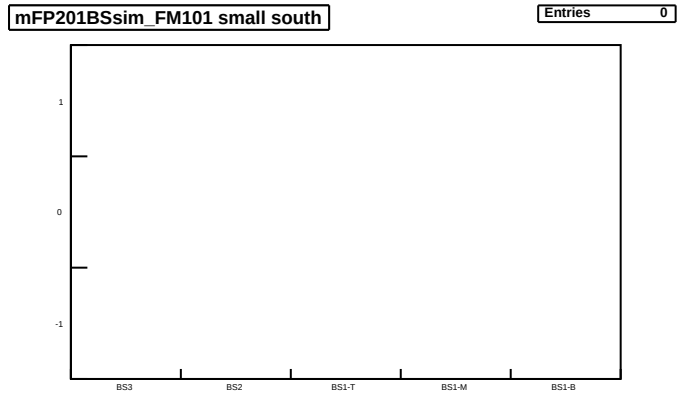

mFM104J -- South -- Bottom -- FM012
Entries 2333846
Unused

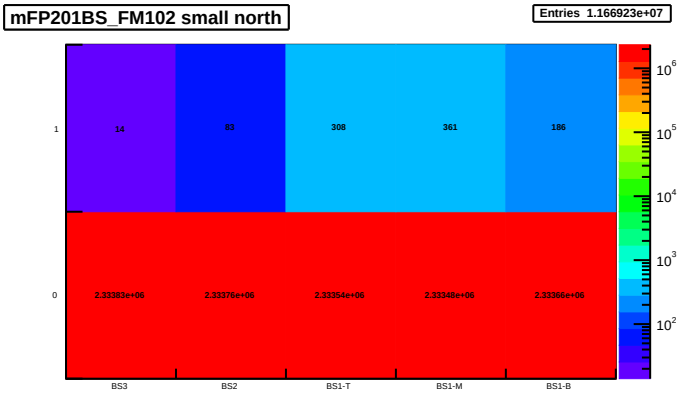

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

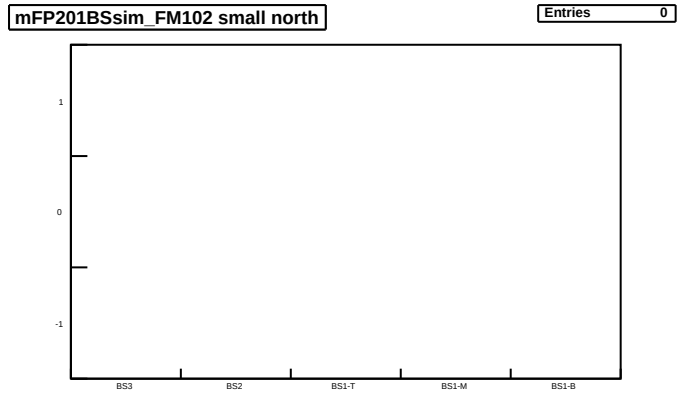

mFM104JP -- South -- Bottom -- FM012
Entries 4667692
JP-EF
Unused

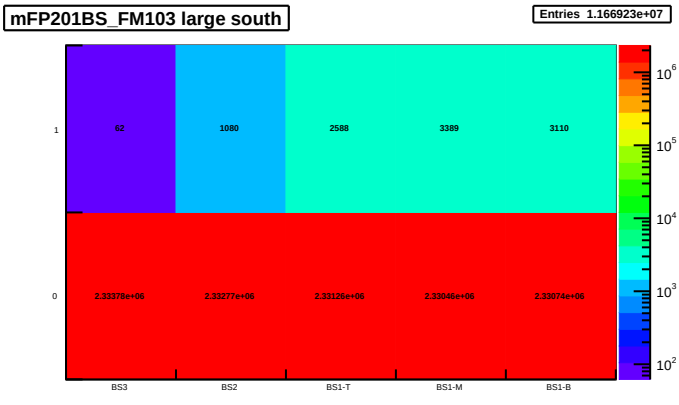
mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

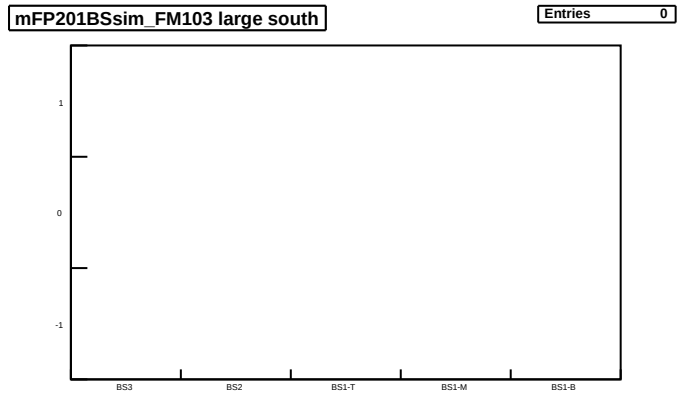

mFP201BS_FM101 small south
Entries 1.166923e+07
9
89
234
435
178
2.33384e+06
2.33376e+06
2.33361e+06
2.33341e+06
2.33367e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

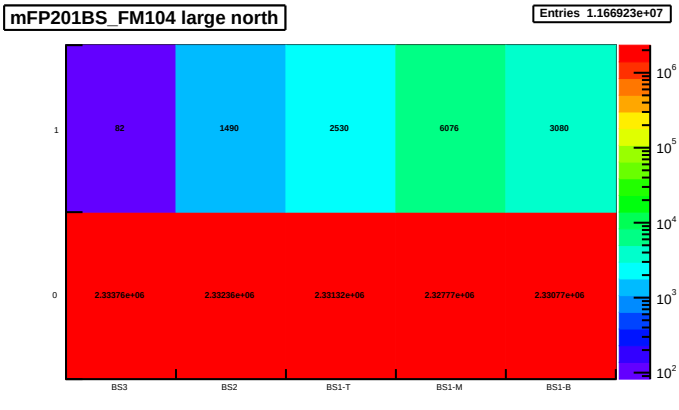

mFP201BSsim_FM101 small south
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

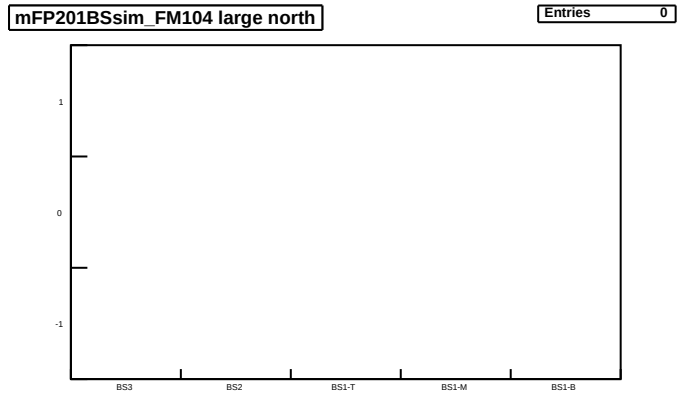

mFP201BS_FM102 small north
Entries 1.166923e+07
14
83
308
361
186
2.33383e+06
2.33376e+06
2.33354e+06
2.33348e+06
2.33366e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

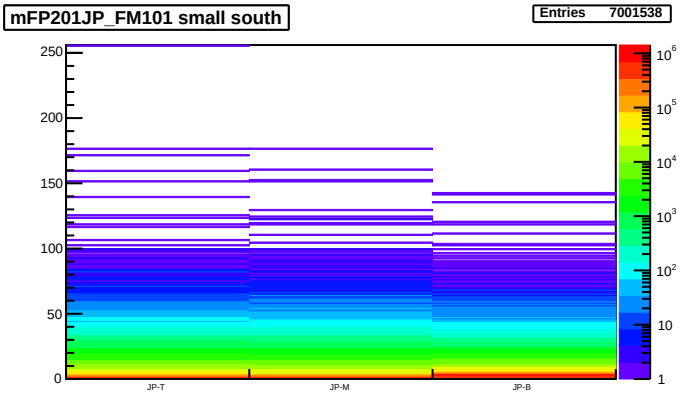

mFP201BSsim_FM102 small north
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

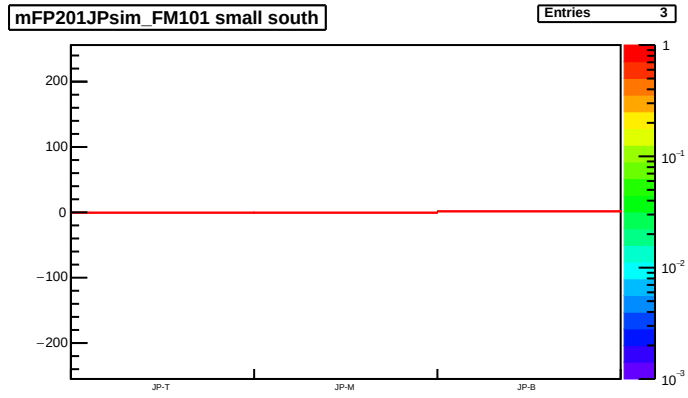

mFP201BS_FM103 large south
Entries 1.166923e+07
62
1080
2588
3389
3110
2.33378e+06
2.33277e+06
2.33126e+06
2.33046e+06
2.33074e+06
BS3
BS2
BS1-T
BS1-M
BS1-B


mFP201BSsim_FM103 large south
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B


mFP201BS_FM104 large north
Entries 1.166923e+07
82
1490
2530
6076
3080
2.33376e+06
2.33236e+06
2.33132e+06
2.32777e+06
2.33077e+06
BS3
BS2
BS1-T
BS1-M
BS1-B


mFP201BSsim_FM104 large north
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B


mFP201JP_FM101 small south
Entries 7001538
JP-T
JP-M
JP-B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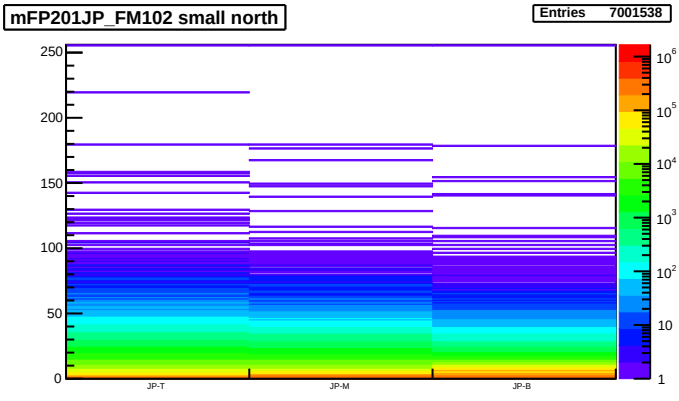
Entries 3
JP-T
JP-M
JP-B


mFP201JP_FM102 small north
Entries 7001538
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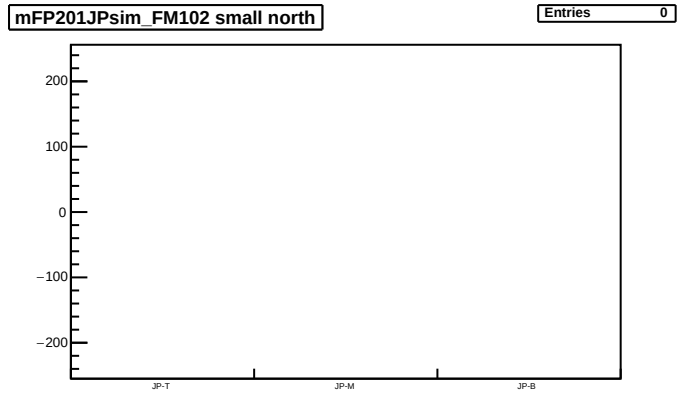
JP-M
JP-B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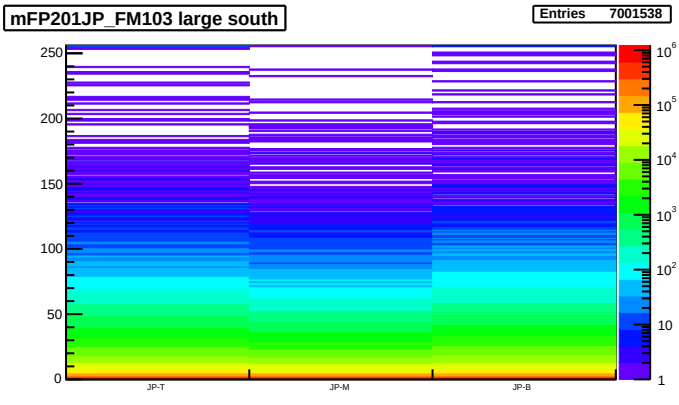
Entries 0
JP-T
JP-M
JP-B


mFP201JP_FM103 large south
Entries 7001538
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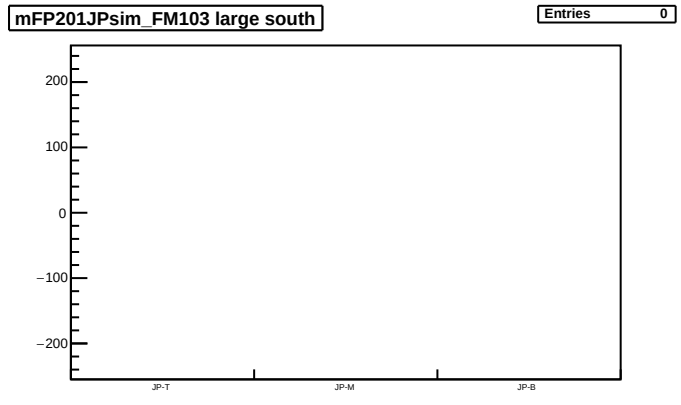
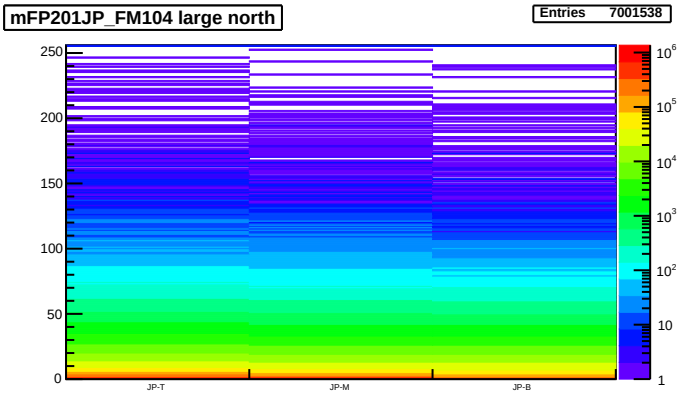
JP-M
JP-B


mFP201JPsim_FM103 large south
Entries 0
JP-T
JP-M
JP-B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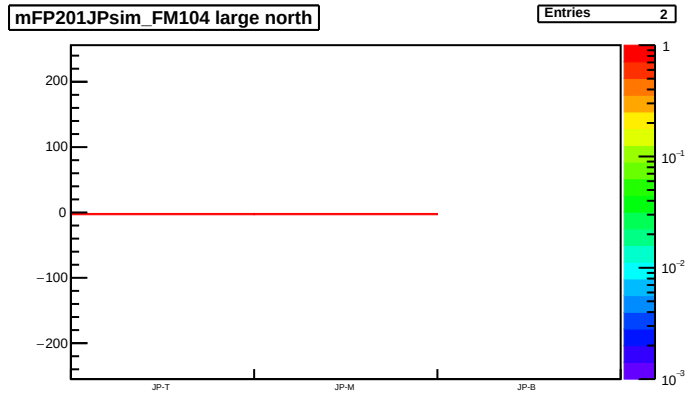
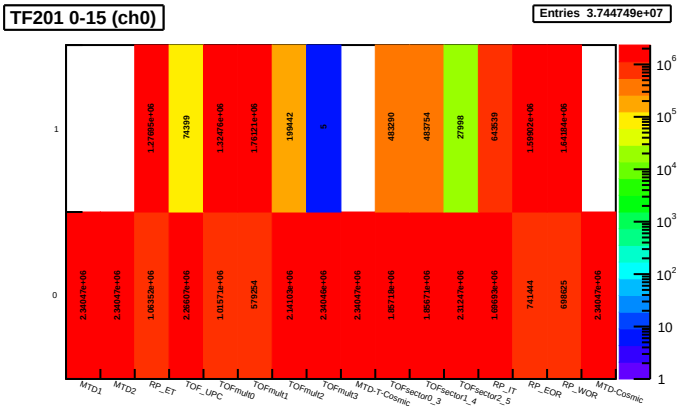
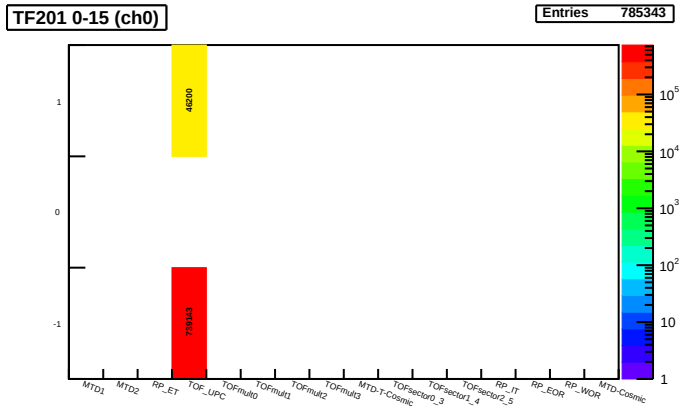
Entries 7001538
JP-T
JP-M
JP-B


mFP201JPsim_FM104 large north
Entries 2
JP-T
JP-M
JP-B


TF201 0-15 (ch0)
Entries 3.744749e+07
MTD1 MTD2 RP_ET TOF_UPC 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 785343
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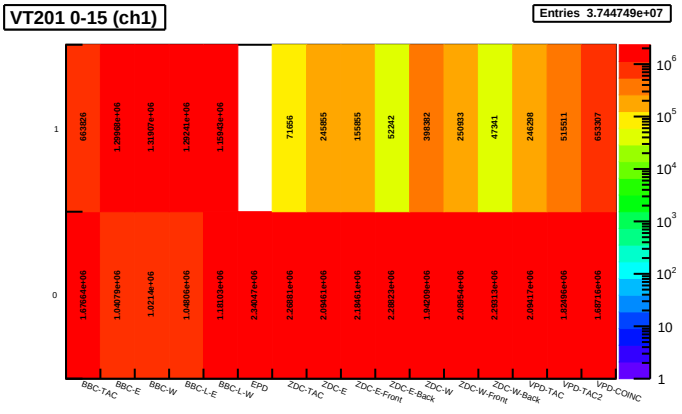
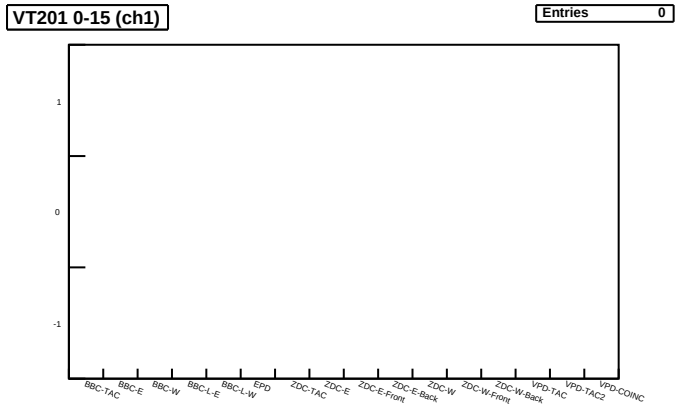
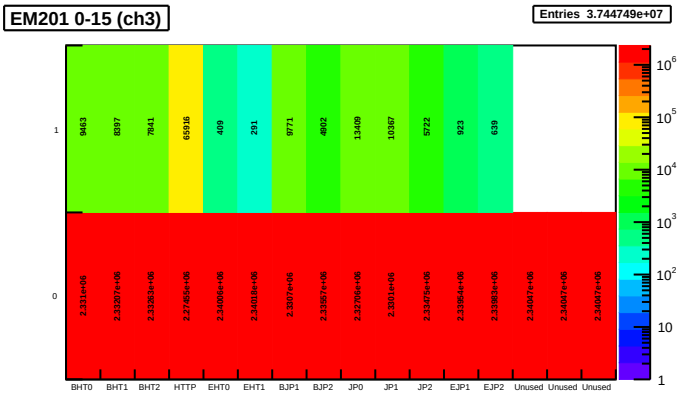
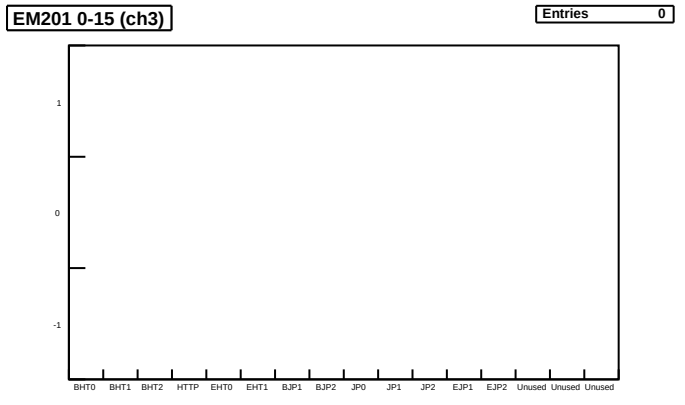
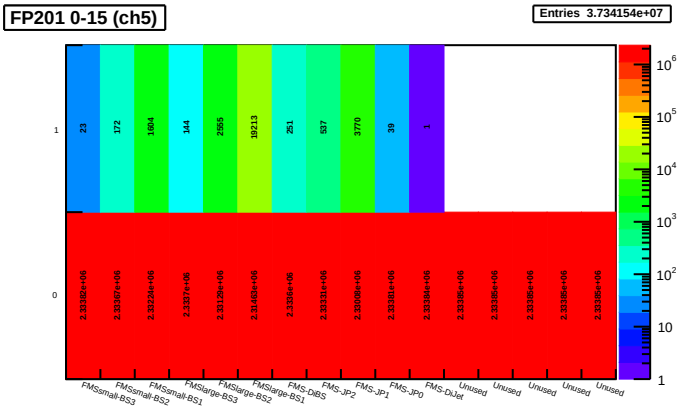
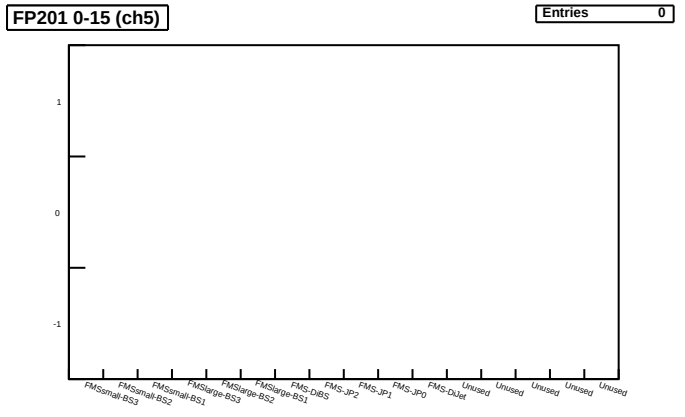

VT201 0-15 (ch1)
Entries 3.744749e+07
BBC-TAC BBC-E BBC-W BBC-L-E BBC-L-W EPD ZDC-TAC ZDC-E ZDC-E-Front ZDC-E-Back ZDC-W ZDC-W-Front ZDC-W-Back VPD-TAC VPD-TAC2 VPD-COINC


VT201 0-15 (ch1)
Entries 0
BBC-TAC BBC-E BBC-W BBC-L-E BBC-L-W EPD ZDC-TAC ZDC-E ZDC-E-Front ZDC-E-Back ZDC-W ZDC-W-Front ZDC-W-Back VPD-TAC VPD-TAC2 VPD-COINC


EM201 0-15 (ch3)
Entries 3.744749e+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


FP201 0-15 (ch5)
Entries 3.734154e+07
FMSsmall-BS3 FMSsmall-BS2 FMSsmall-BS1 FMSlarge-BS3 FMSlarge-BS2 FMSlarge-BS1 FMS-DiBS FMS-JP2 FMS-JP1 FMS-JP0 FMS-DiJet Unused Unused Unused Unused Unused


FP201 0-15 (ch5)
Entries 0
FMSsmall-BS3 FMSsmall-BS2 FMSsmall-BS1 FMSlarge-BS3 FMSlarge-BS2 FMSlarge-BS1 FMS-DiBS FMS-JP2 FMS-JP1 FMS-JP0 FMS-DiJet Unused Unused Unused Unused Unused