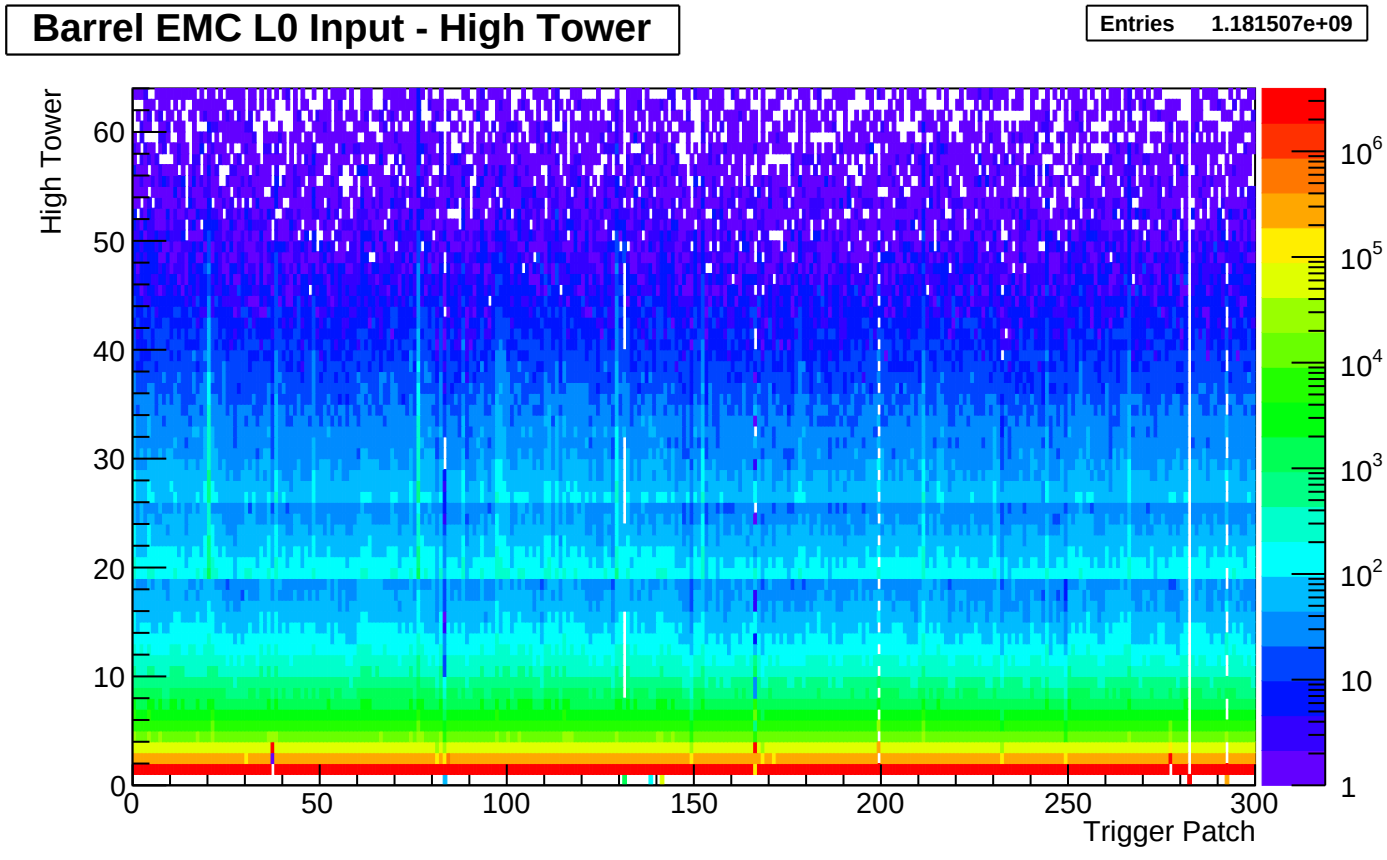
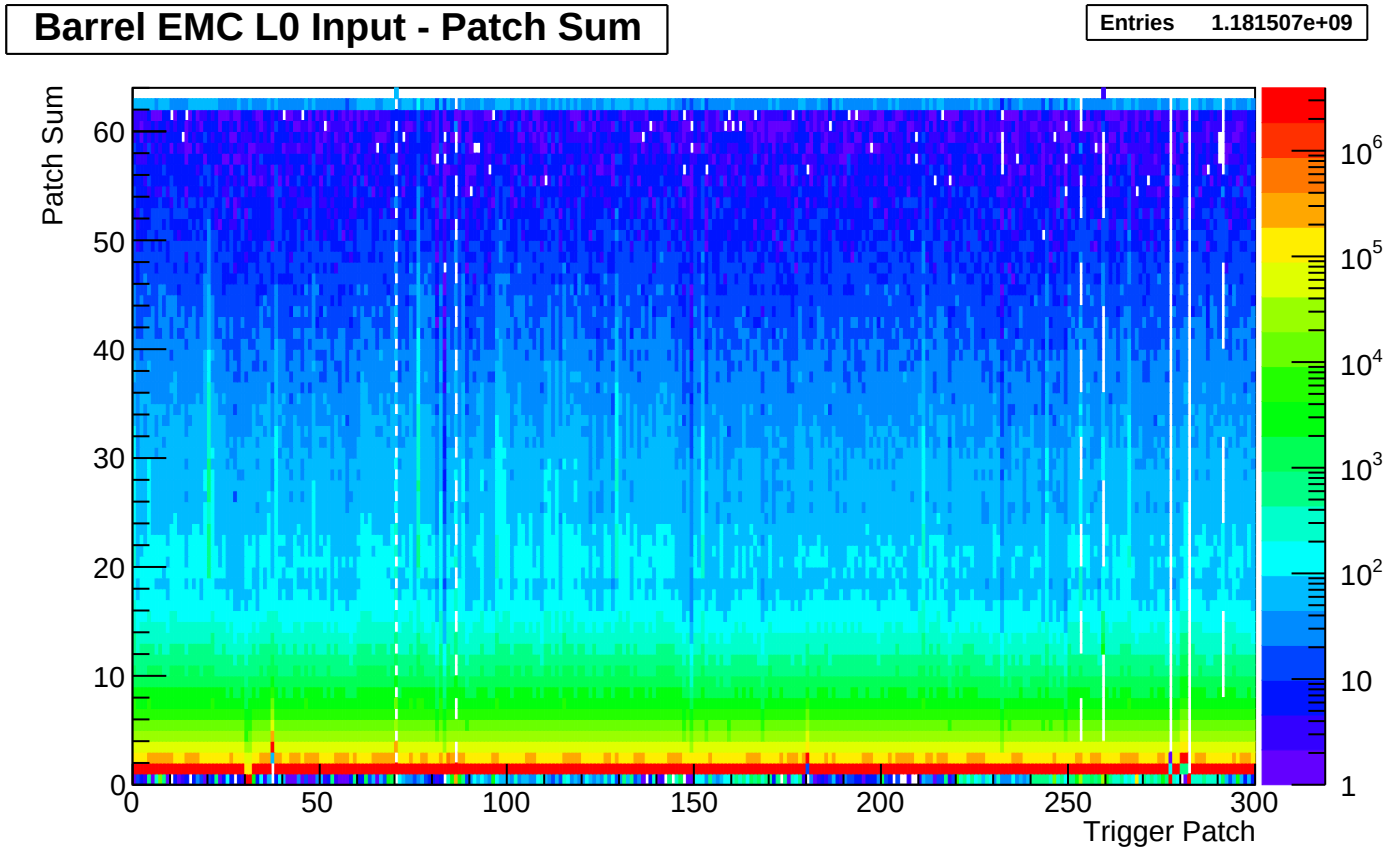
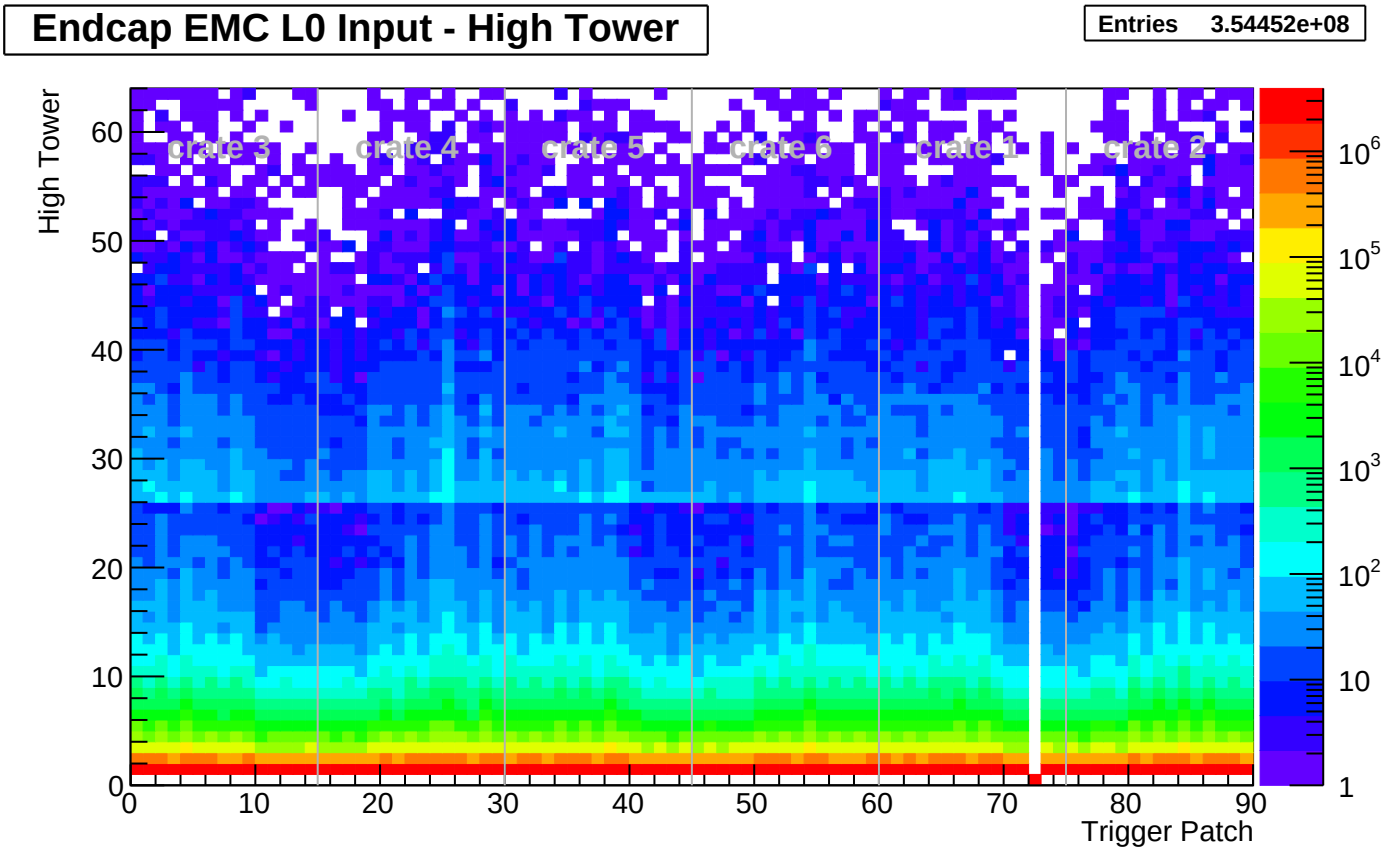
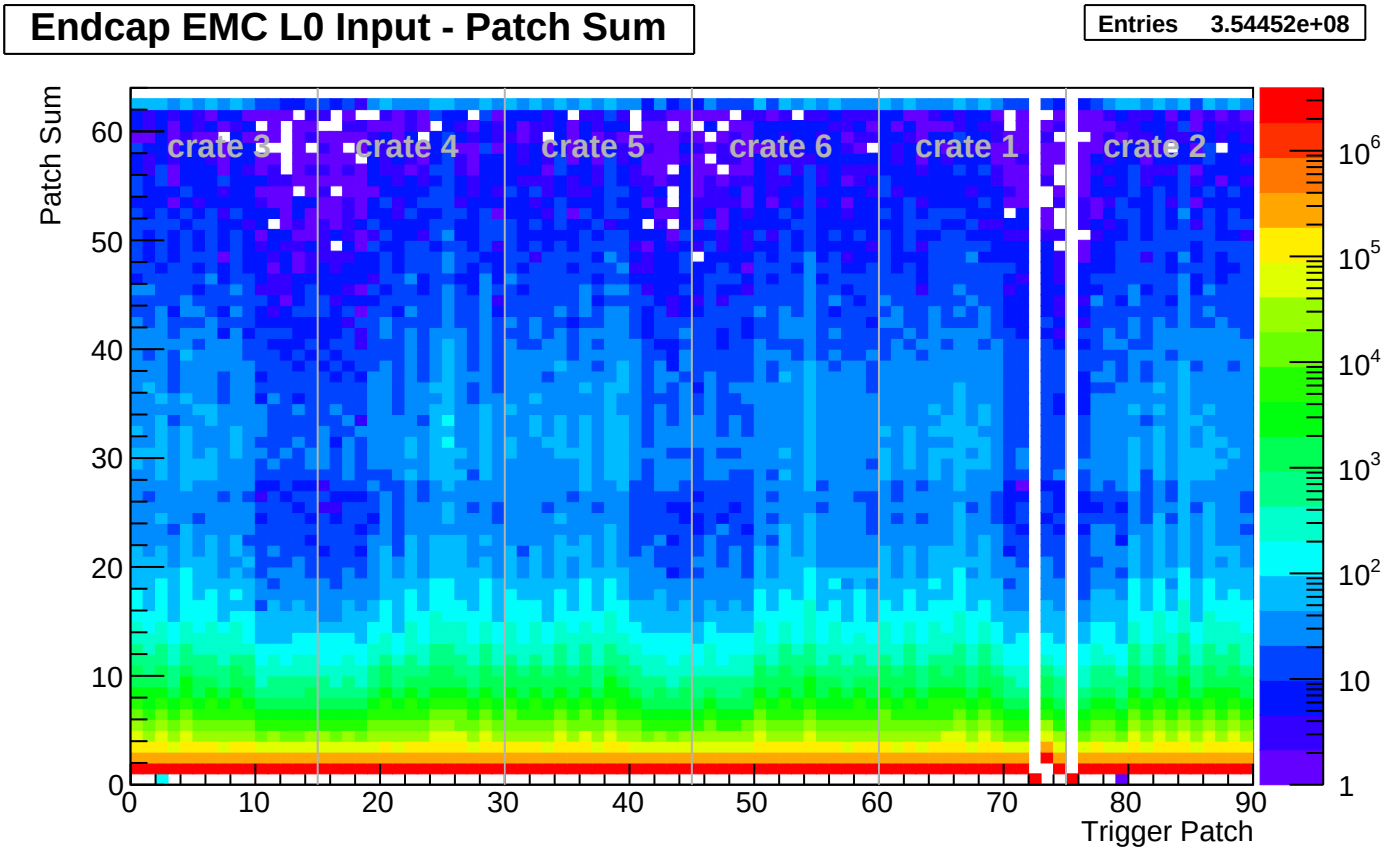
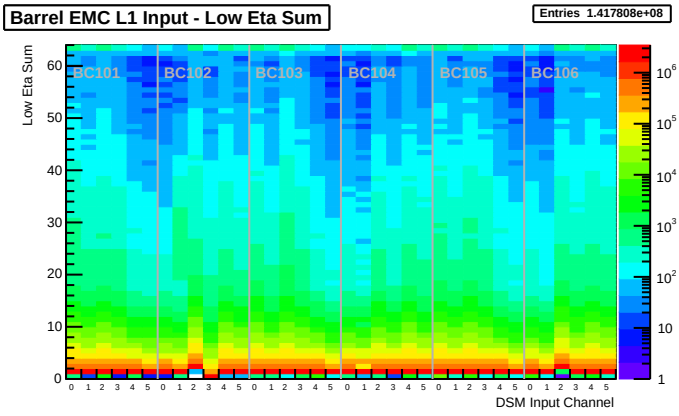
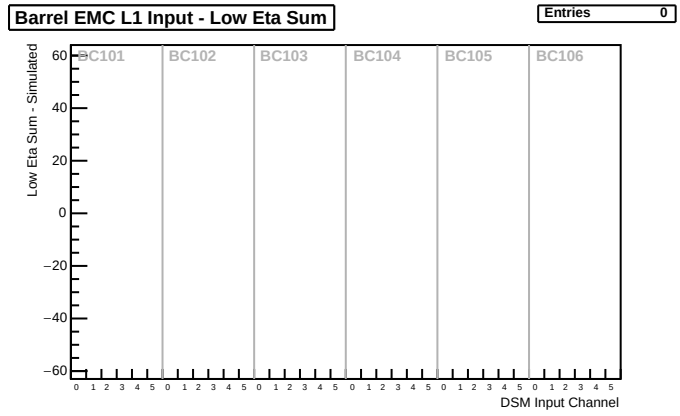

Barrel EMC L0 Input - High Tower
Entries 1.181507e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

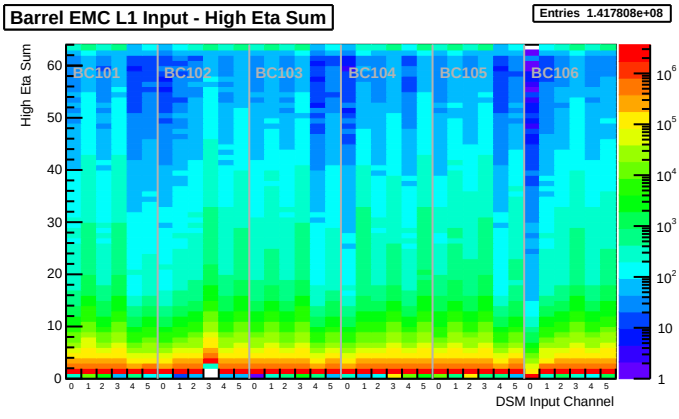

Barrel EMC L0 Input - Patch Sum
Entries 1.181507e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

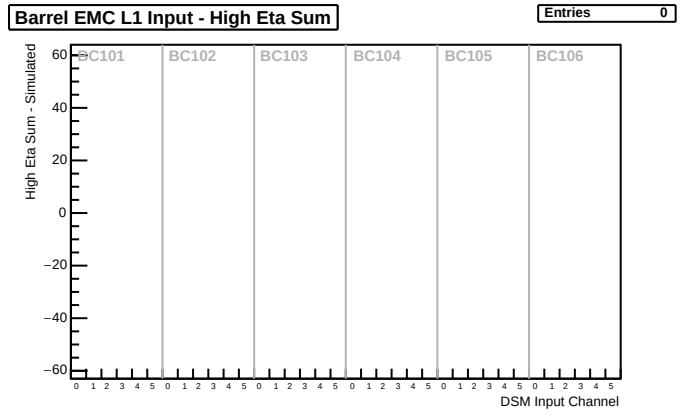

Endcap EMC L0 Input - High Tower
Entries 3.54452e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

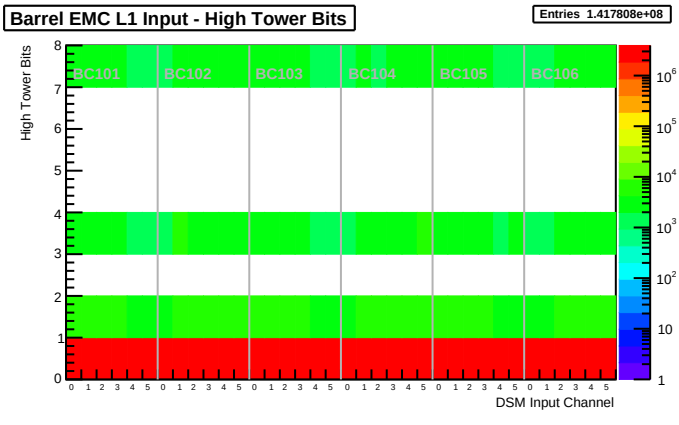

Endcap EMC L0 Input - Patch Sum
Entries 3.54452e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

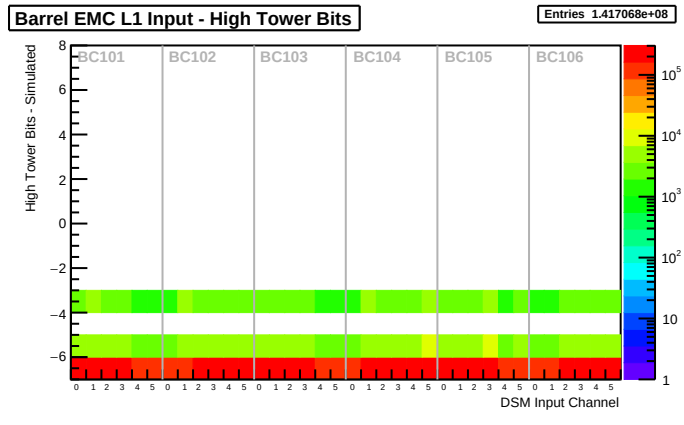

Barrel EMC L1 Input - Low Eta Sum
Entries 1.417808e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

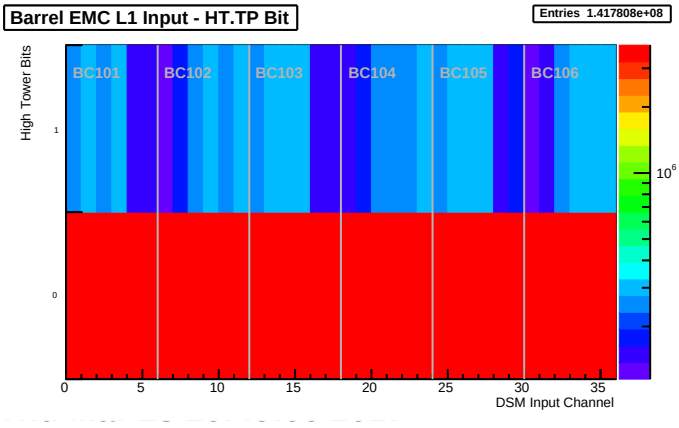

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

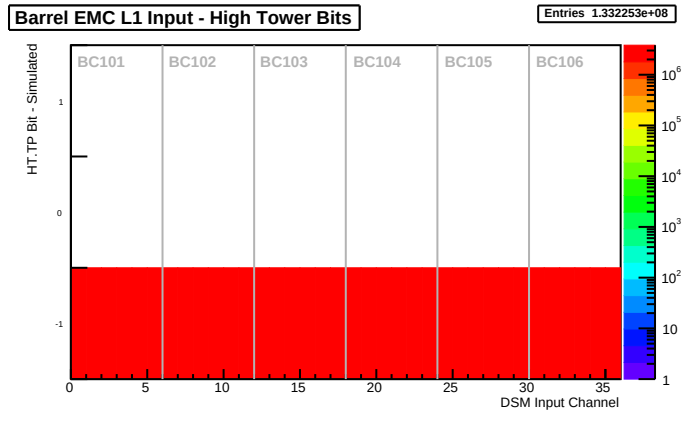

Barrel EMC L1 Input - High Eta Sum
Entries 1.417808e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

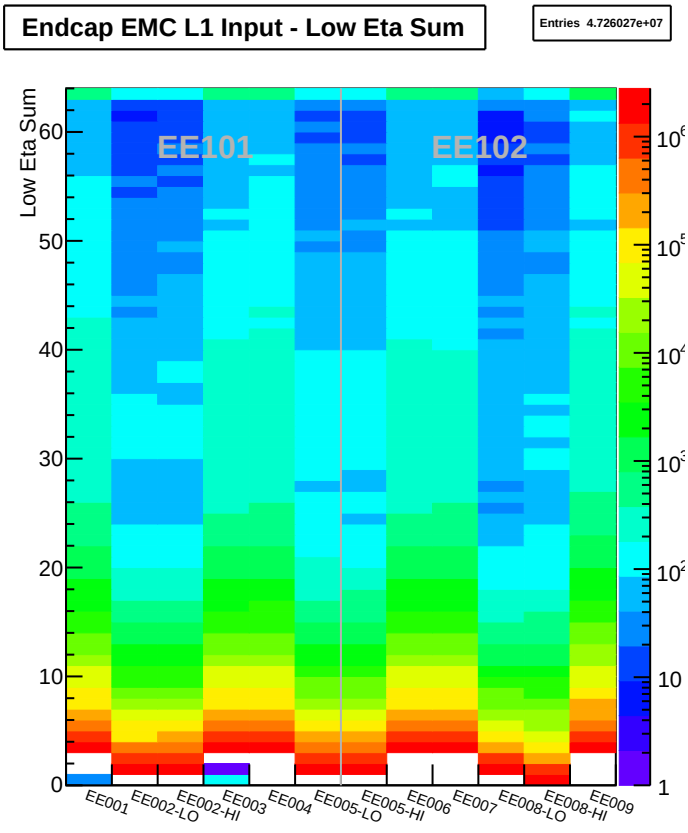

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

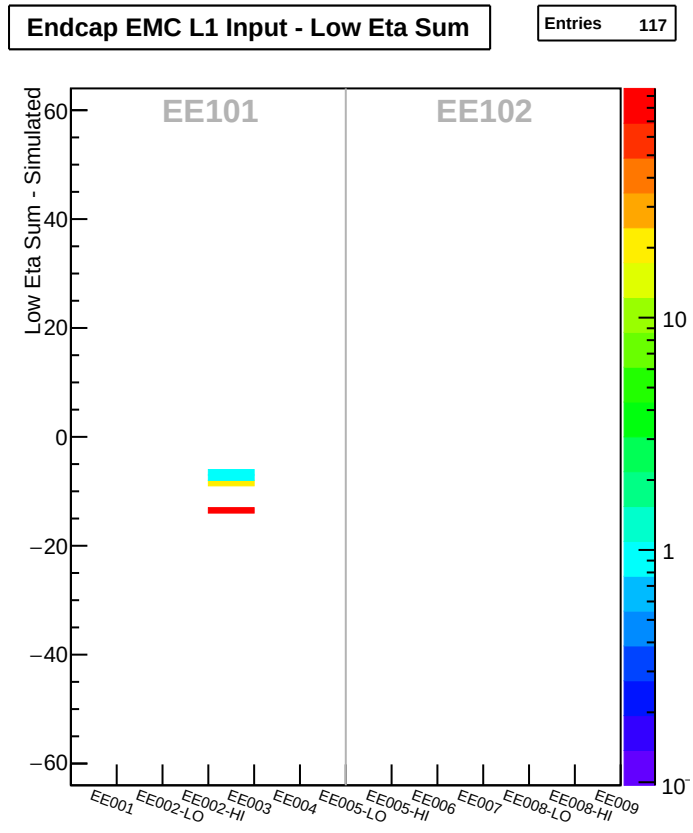

Barrel EMC L1 Input - High Tower Bits
Entries 1.417808e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

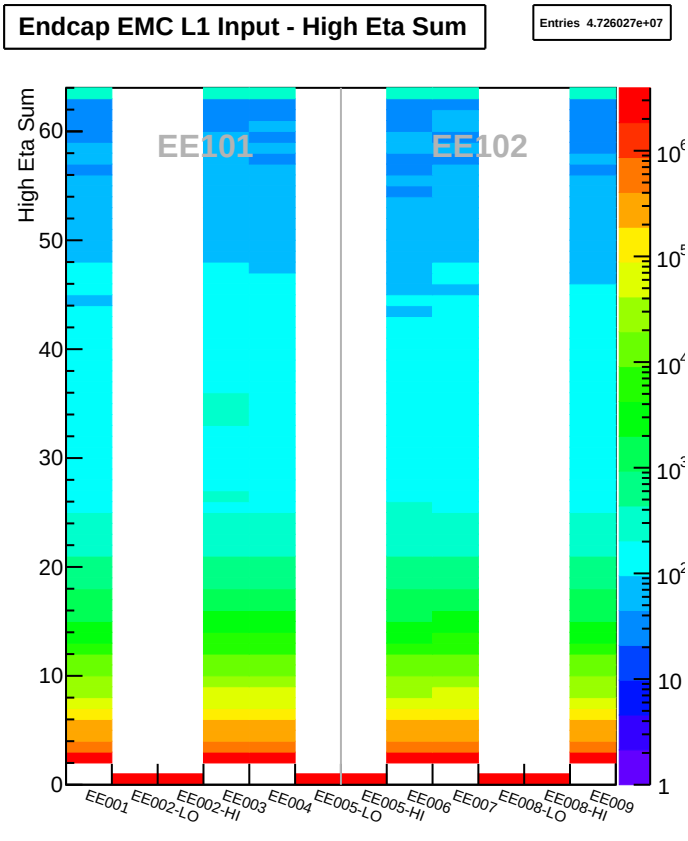

Barrel EMC L1 Input - High Tower Bits
Entries 1.417068e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

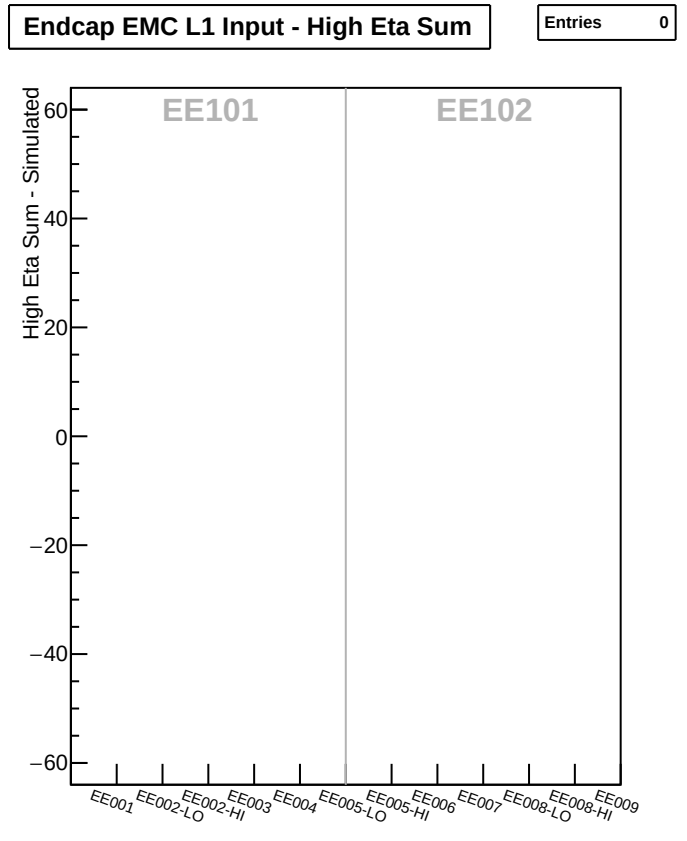

Barrel EMC L1 Input - HT.TP Bit
Entries 1.417808e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

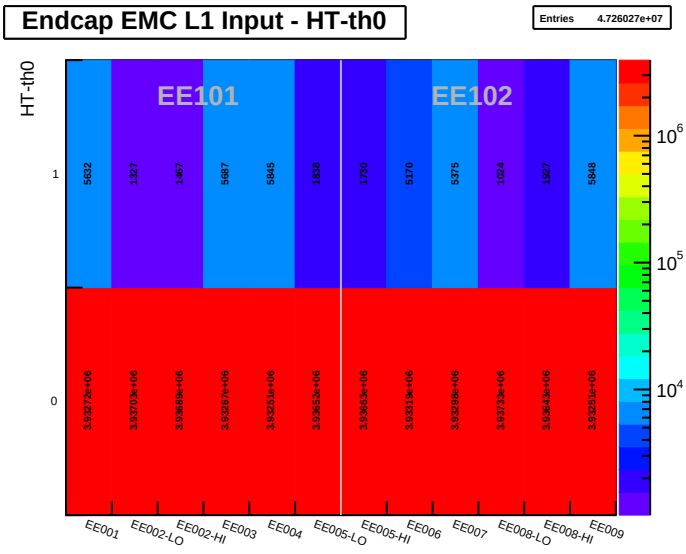

Barrel EMC L1 Input - High Tower Bits
Entries 1.332253e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

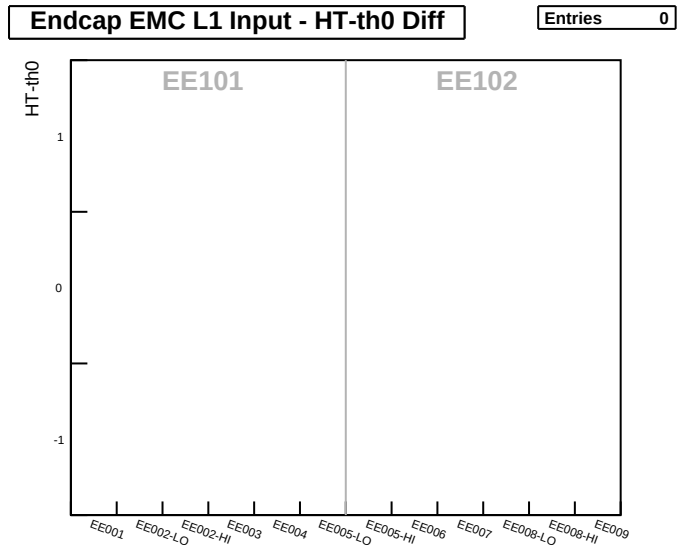

Endcap EMC L1 Input - Low Eta Sum
Entries 4.726027e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

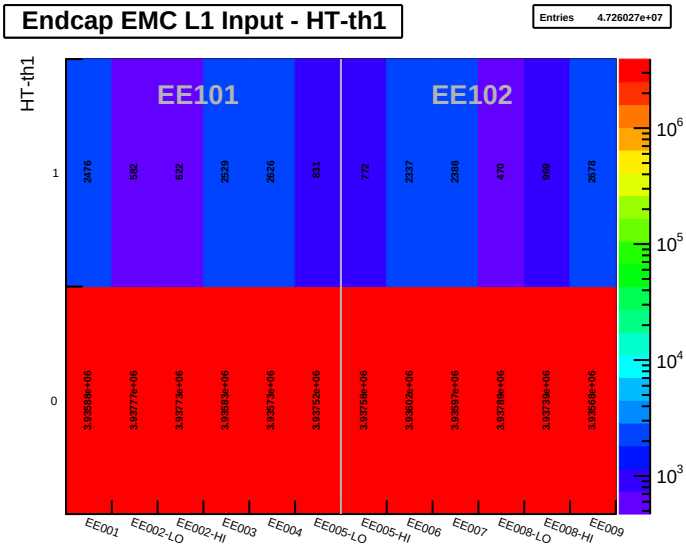

Endcap EMC L1 Input - Low Eta Sum
Entries 117
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

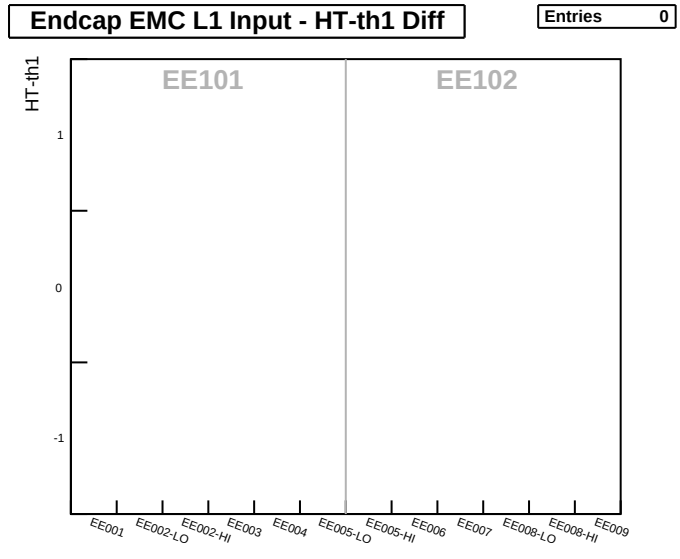

Endcap EMC L1 Input - High Eta Sum
Entries 4.726027e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

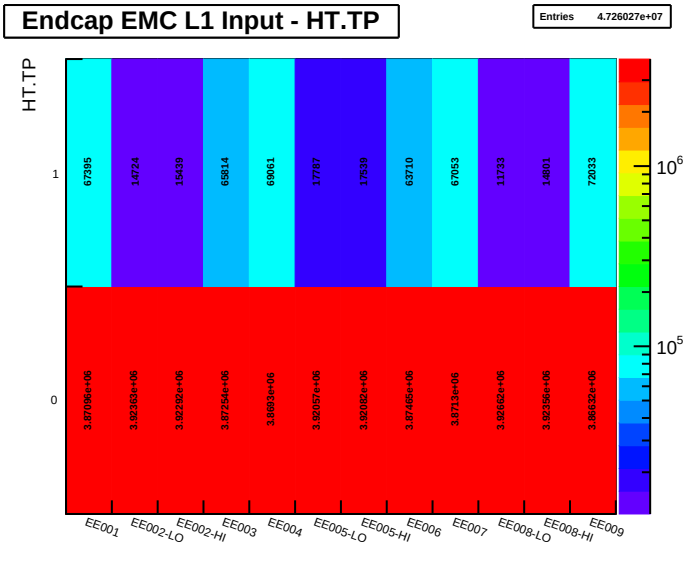

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

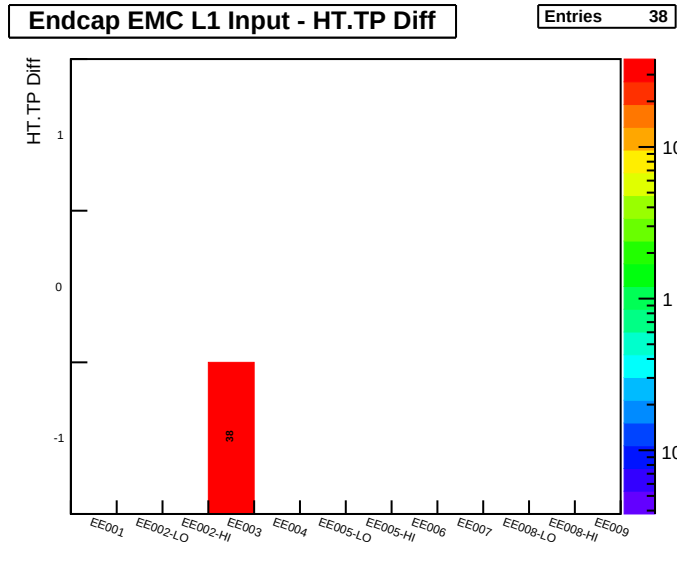

Endcap EMC L1 Input - HT-th0
Entries 4.726027e+07
HT-th0
EE101
EE102
5632 1327 1467 5687 5845 1838 1730 5170 5375 1024 1927 5848
3.93272e+06 3.93703e+06 3.93689e+06 3.93267e+06 3.93251e+06 3.93652e+06 3.93663e+06 3.93319e+06 3.93298e+06 3.93733e+06 3.93643e+06 3.93251e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

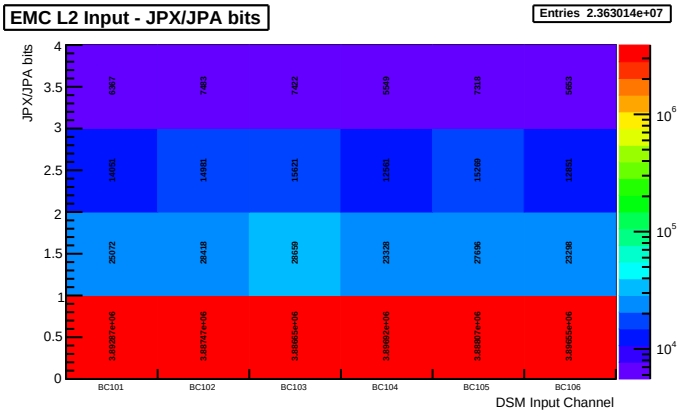

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
HT-th0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

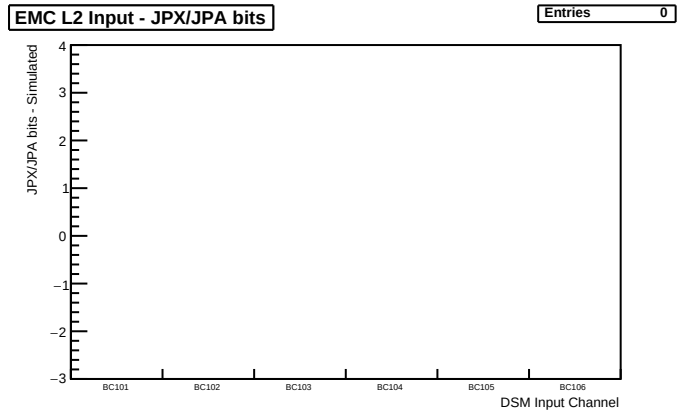

Endcap EMC L1 Input - HT-th1
Entries 4.726027e+07
HT-th1
EE101
EE102
2476 582 622 2529 2626 831 772 2337 2386 470 968 2678
3.93568e+06 3.93777e+06 3.93773e+06 3.93563e+06 3.93573e+06 3.93752e+06 3.93758e+06 3.93602e+06 3.93597e+06 3.93780e+06 3.93739e+06 3.93568e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

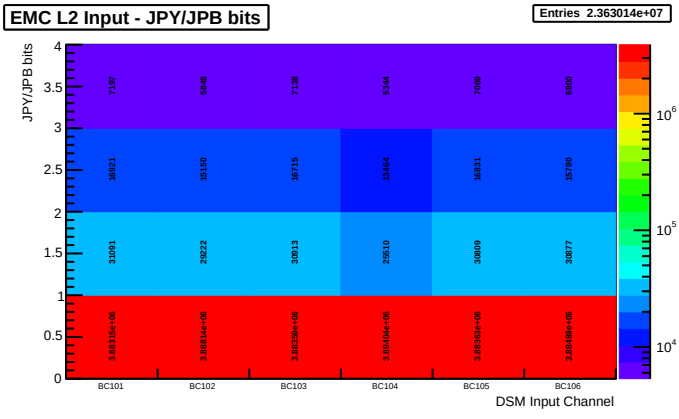

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
HT-th1
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

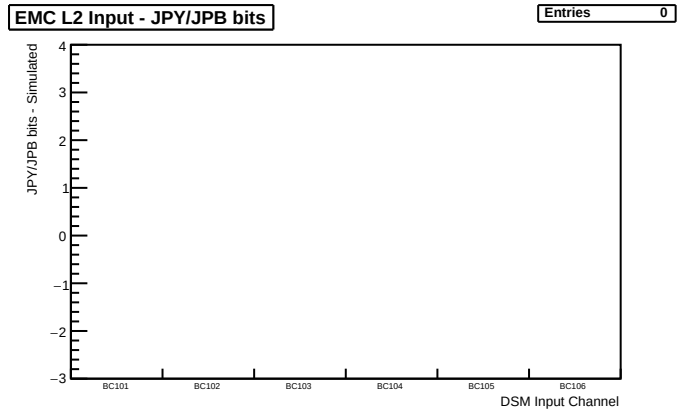

Endcap EMC L1 Input - HT.TP
Entries 4.726027e+07
HT.TP
67395 14724 15439 65814 69061 17787 17539 63710 67053 11733 14801 72033
3.87056e+06 3.92363e+06 3.92292e+06 3.87254e+06 3.8693e+06 3.92057e+06 3.92032e+06 3.87465e+06 3.87713e+06 3.92662e+06 3.92356e+06 3.86632e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

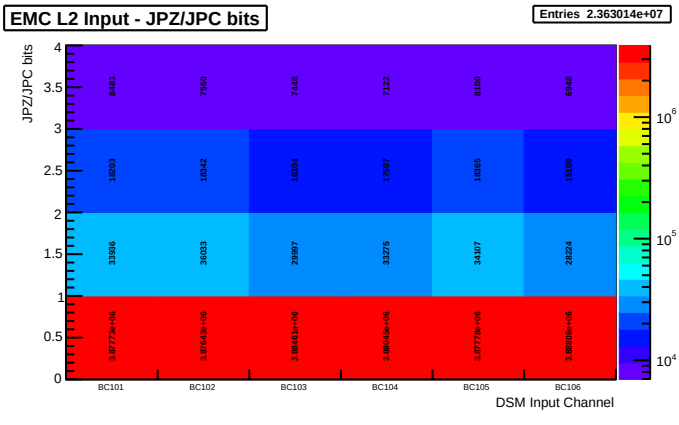

Endcap EMC L1 Input - HT.TP Diff
Entries 38
HT.TP Diff
38
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

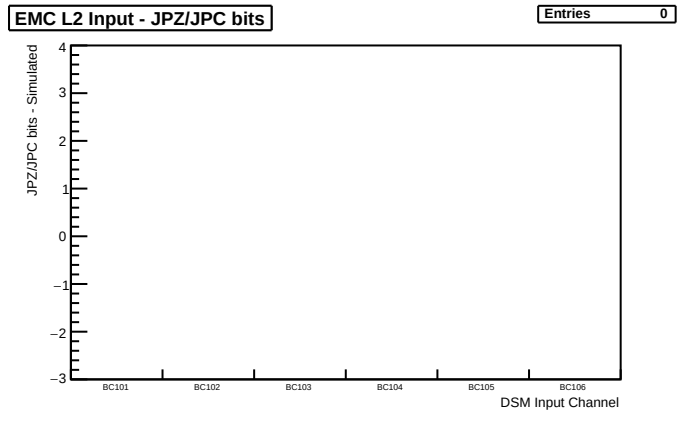

EMC L2 Input - JPX/JPA bits
Entries 2.363014e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

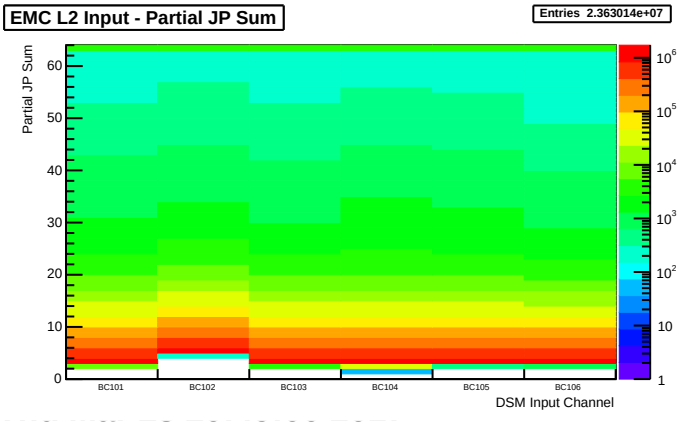

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

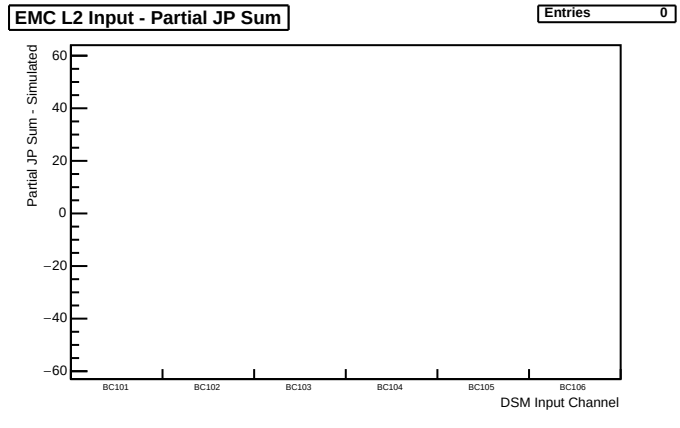

EMC L2 Input - JPY/JPB bits
Entries 2.363014e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

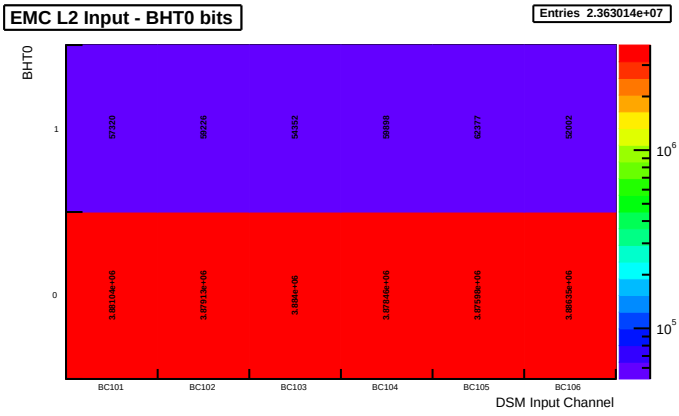

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

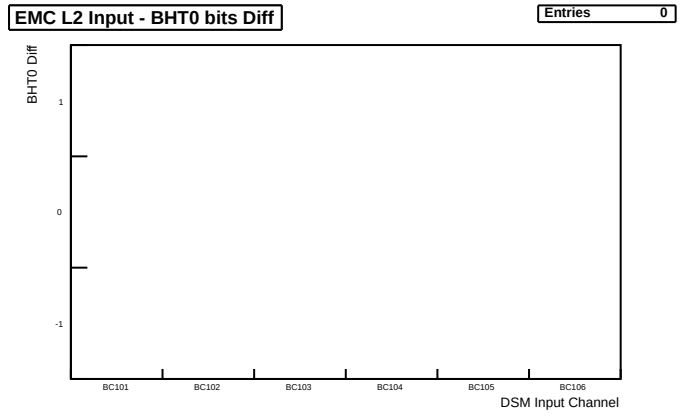

EMC L2 Input - JPZ/JPC bits
Entries 2.363014e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

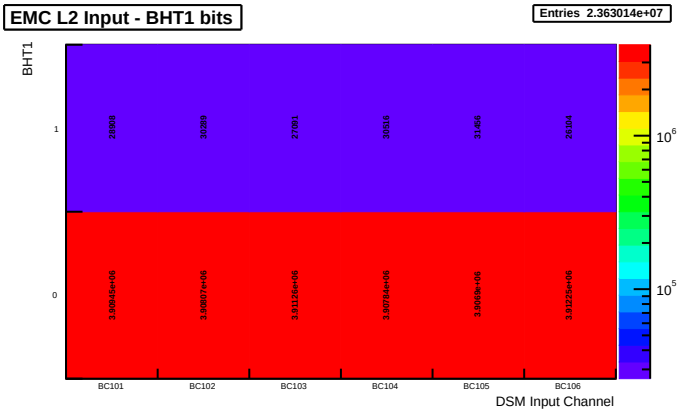

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

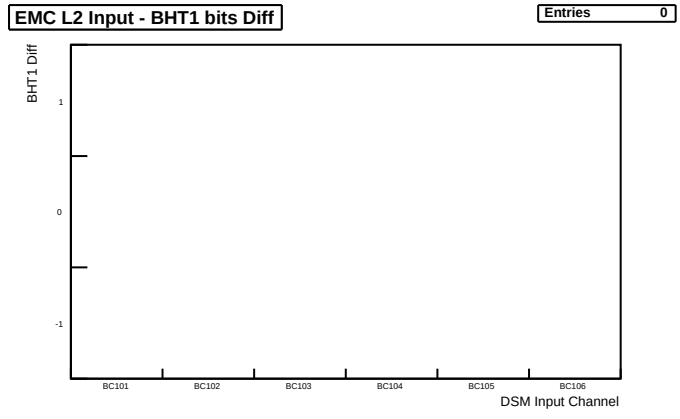

EMC L2 Input - Partial JP Sum
Entries 2.363014e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

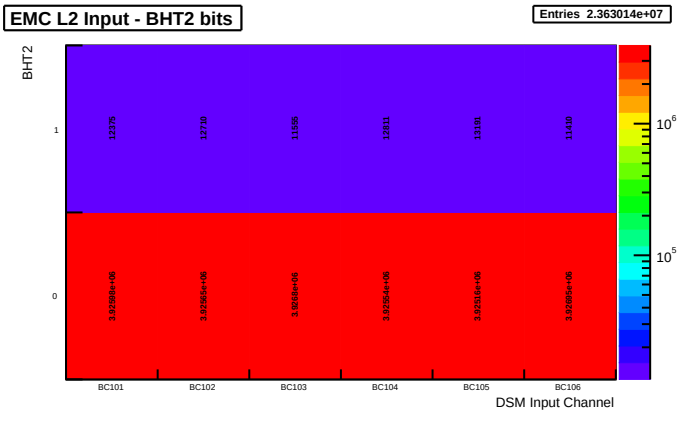

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

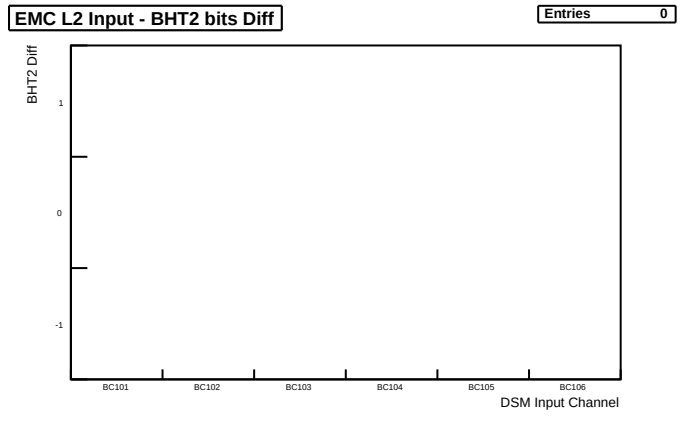

EMC L2 Input - BHT0 bits
Entries 2.363014e+07
BHT0
1
0
57320
59226
54352
59888
62377
52002
3.88104e+06
3.87913e+06
3.884e+06
3.87046e+06
3.87598e+06
3.88635e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

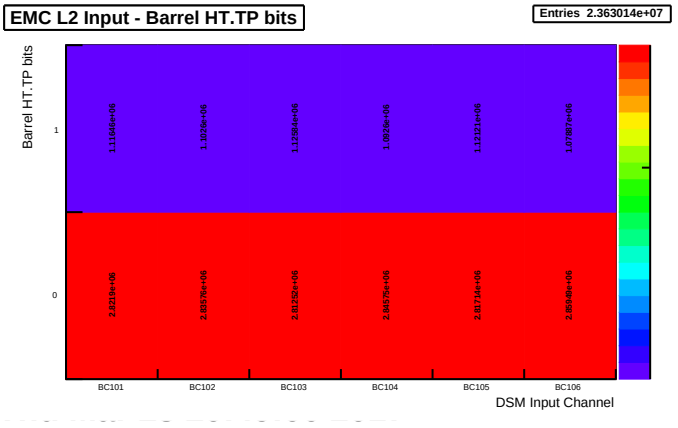

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

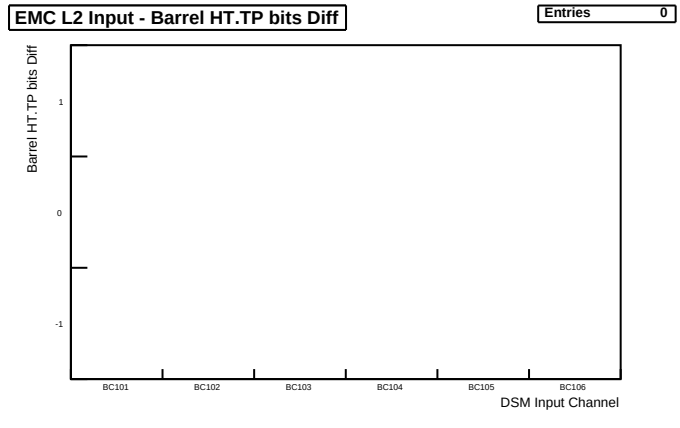

EMC L2 Input - BHT1 bits
Entries 2.363014e+07
BHT1
1
0
23808
30289
27091
30516
31456
26104
3.90945e+06
3.90807e+06
3.91126e+06
3.90744e+06
3.9069e+06
3.91225e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

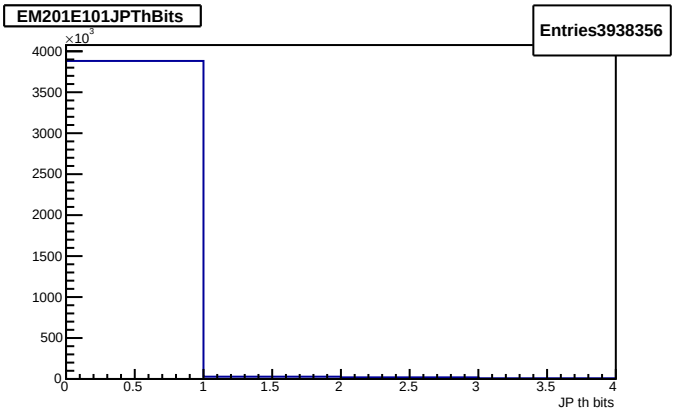

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

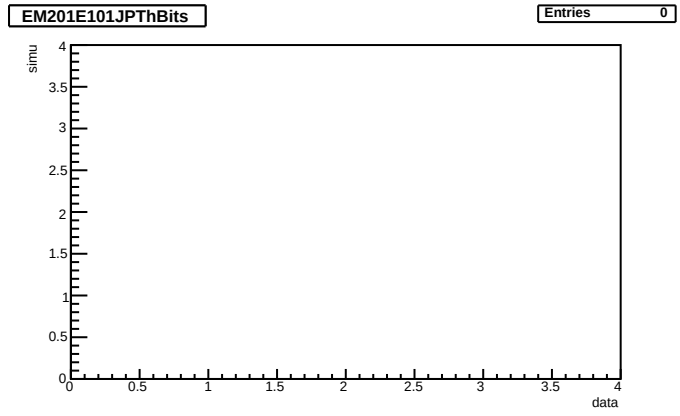

EMC L2 Input - BHT2 bits
Entries 2.363014e+07
BHT2
1
0
12375
12710
11555
12011
13191
11410
3.92598e+06
3.92755e+06
3.92698e+06
3.92254e+06
3.92516e+06
3.92685e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

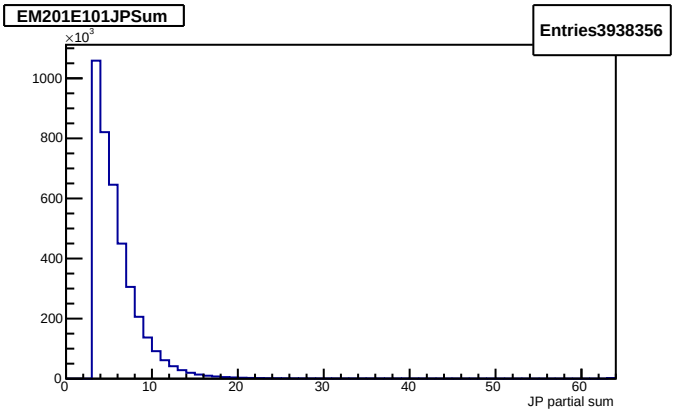

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

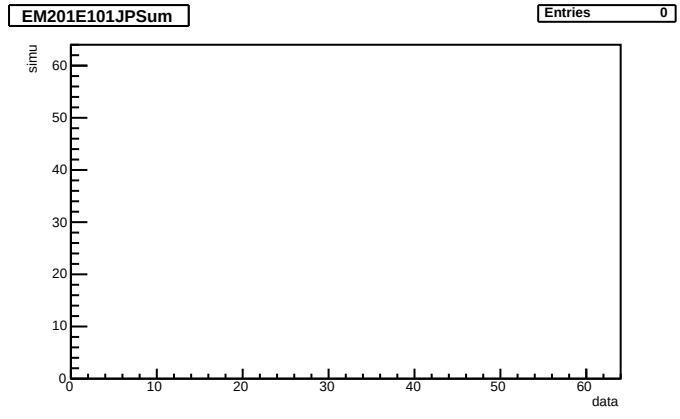

EMC L2 Input - Barrel HT.TP bits
Entries 2.363014e+07
Barrel HT.TP bits
1
0
1.11546e+06
1.10296e+06
1.12584e+06
1.0926e+06
1.12221e+06
1.07837e+06
2.8219e+06
2.83578e+06
2.81252e+06
2.84575e+06
2.81744e+06
2.85480e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

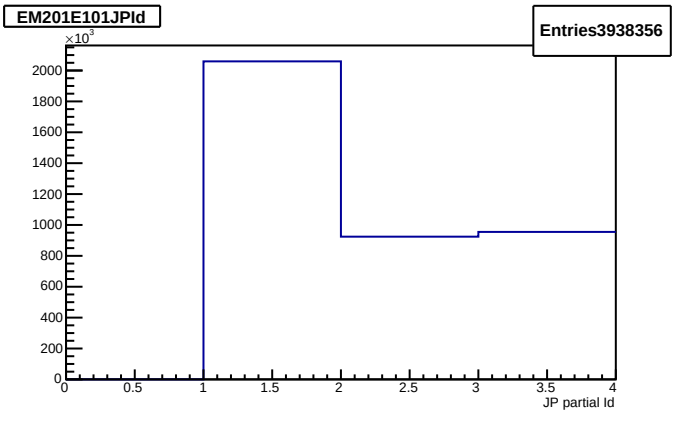

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

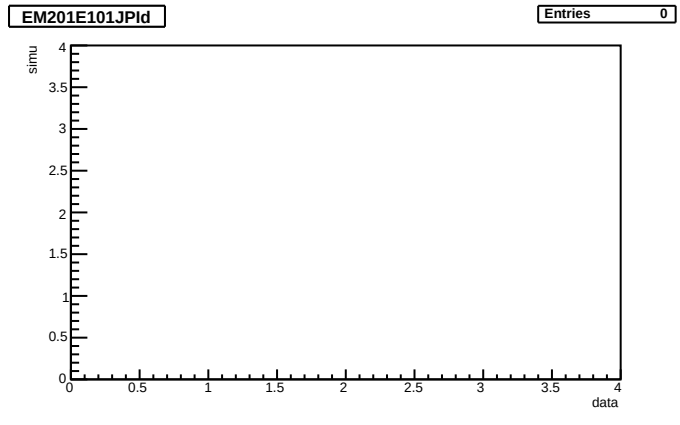

EM201E101JPThBits
Entries3938356
×10^3
JP th bits

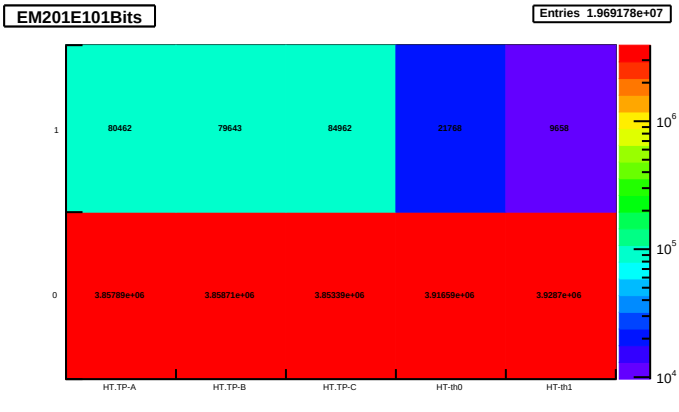

EM201E101JPThBits
Entries 0
simu
data

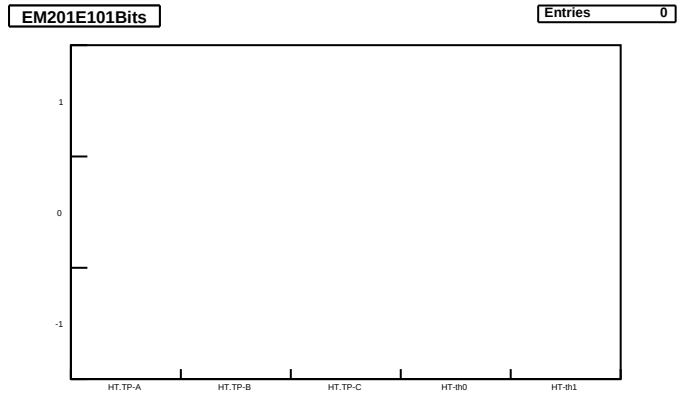

EM201E101JPSum
Entries3938356
×10^3
JP partial sum

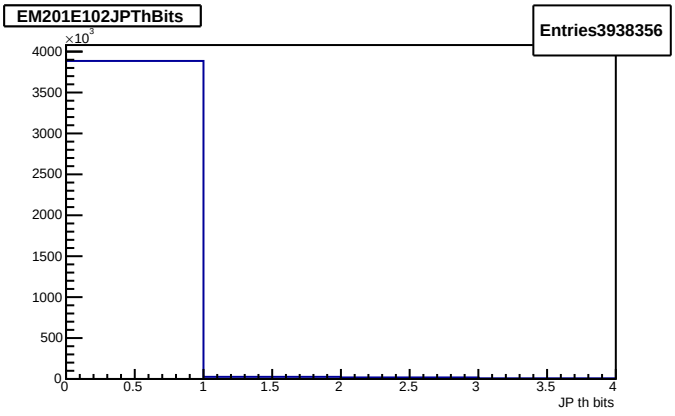

EM201E101JPSum
Entries 0
simu
data

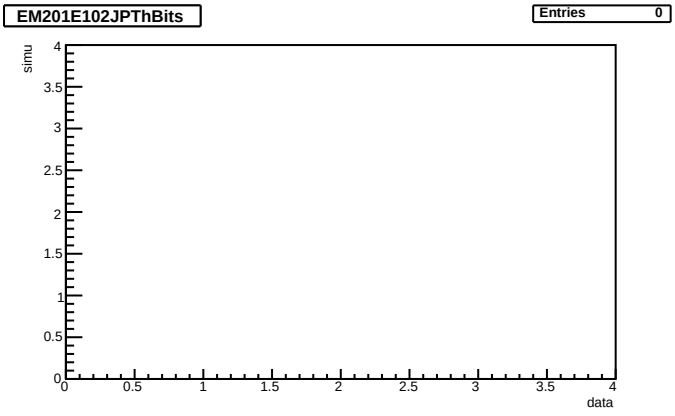

EM201E101JPId
Entries3938356
×10^3
JP partial Id

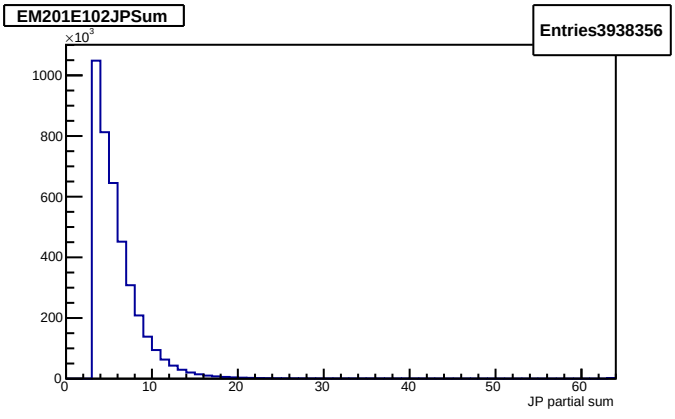

EM201E101JPId
Entries 0
simu
data

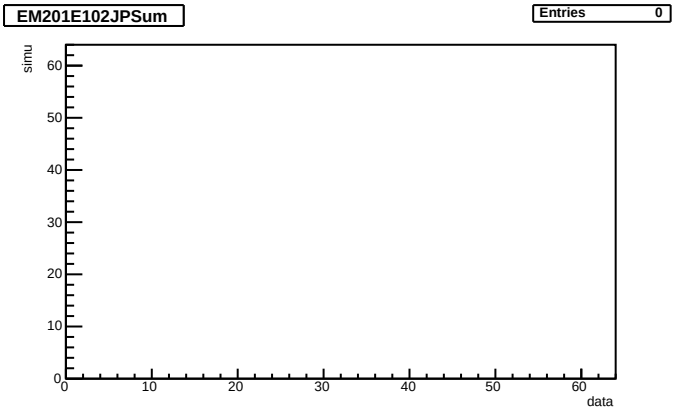

EM201E101Bits
Entries 1.969178e+07
80462
79643
84962
21768
9658
3.85789e+06
3.85871e+06
3.85339e+06
3.91659e+06
3.9287e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

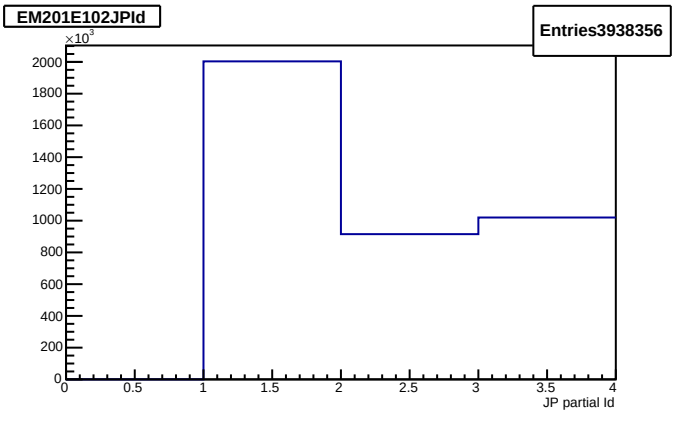

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

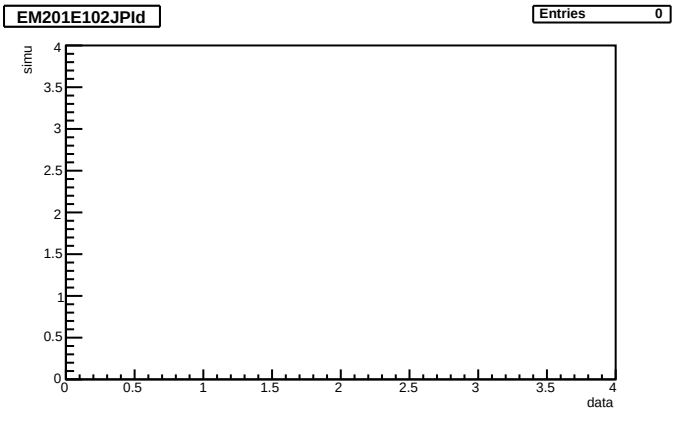

EM201E102JPThBits
Entries3938356
JP th bits

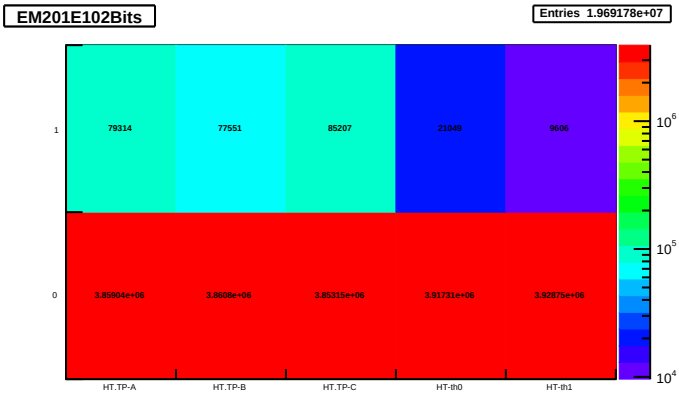

EM201E102JPThBits
Entries 0
simu
data

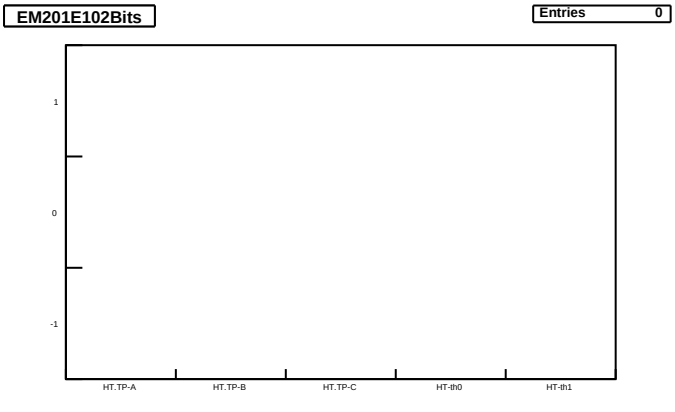

EM201E102JPSum
Entries3938356
JP partial sum

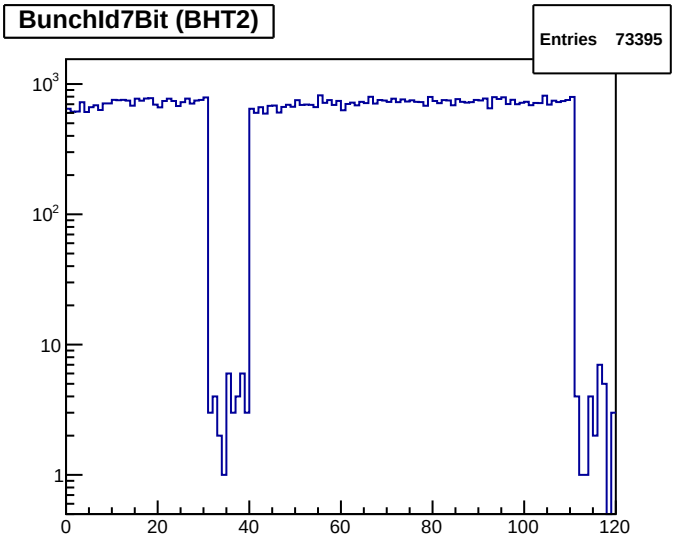

EM201E102JPSum
Entries 0
simu
data

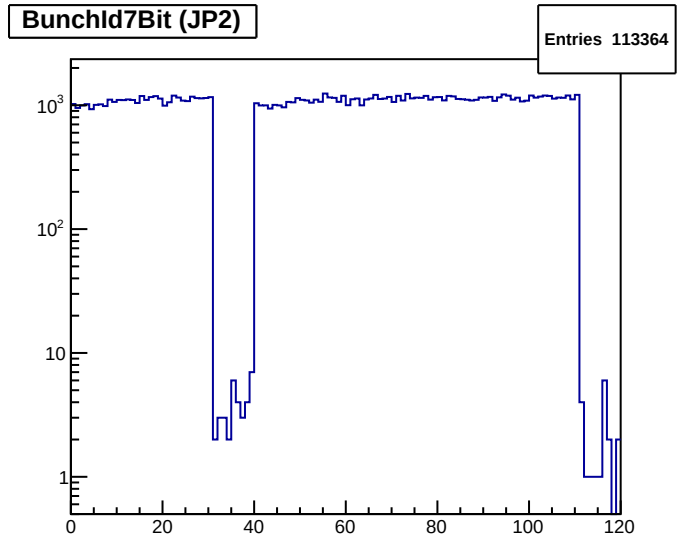

EM201E102JPId
Entries3938356
JP partial Id

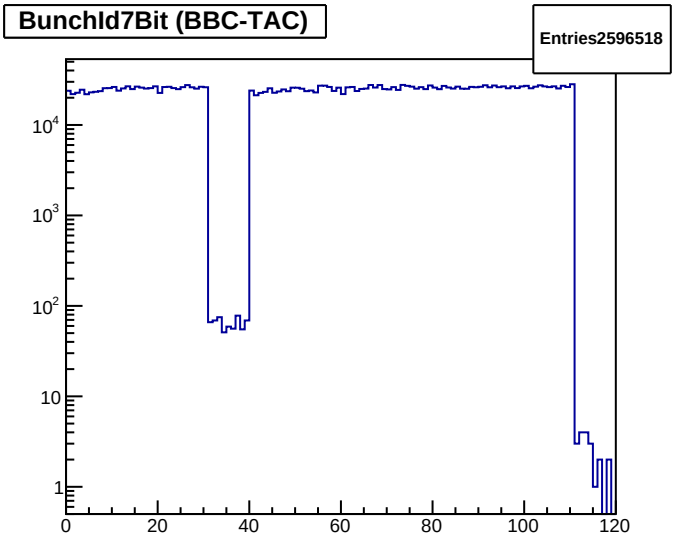

EM201E102JPId
Entries 0
simu
data

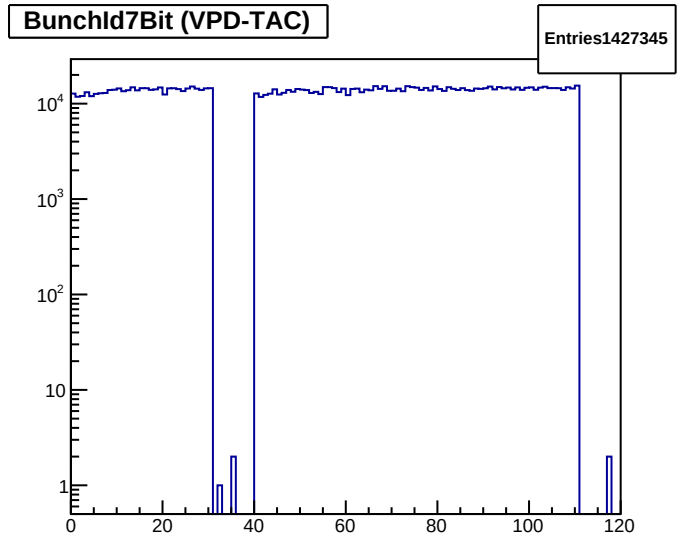

EM201E102Bits
Entries 1.969178e+07
79314
77551
85207
21049
9006
3.85904e+06
3.8608e+06
3.85315e+06
3.91731e+06
3.92875e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

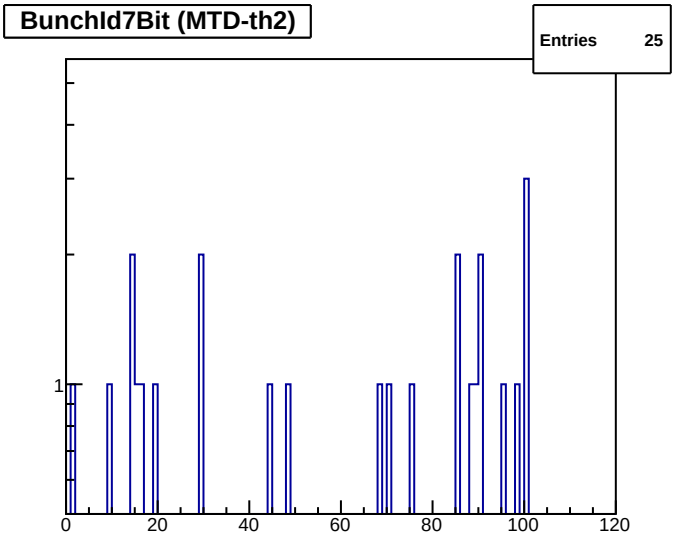

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

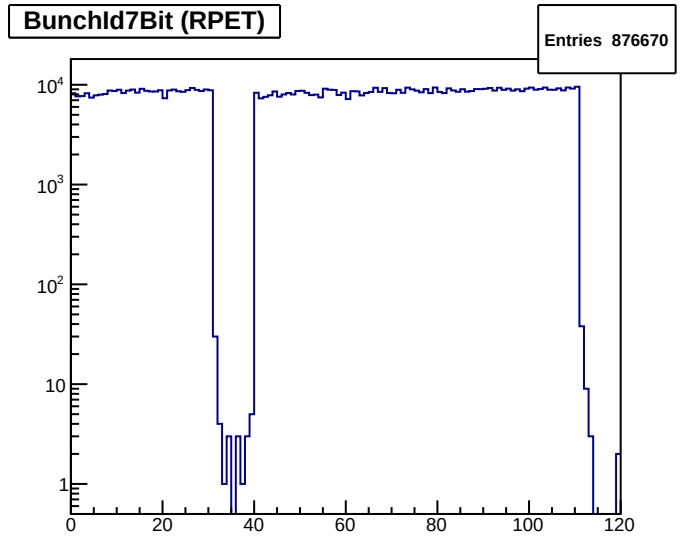

BunchId7Bit (BHT2)
Entries 73395

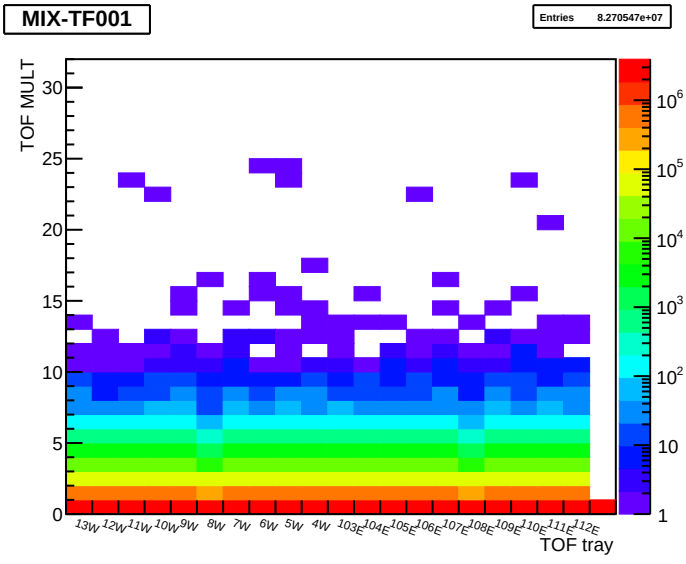

BunchId7Bit (JP2)
Entries 113364

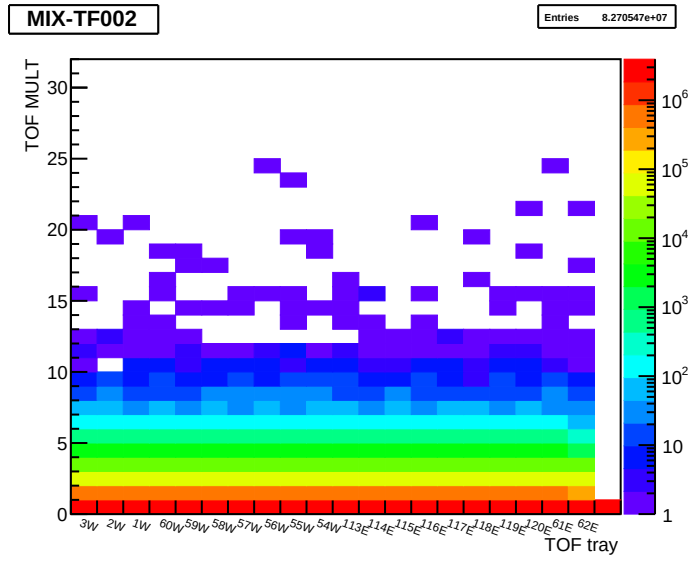

BunchId7Bit (BBC-TAC)
Entries2596518

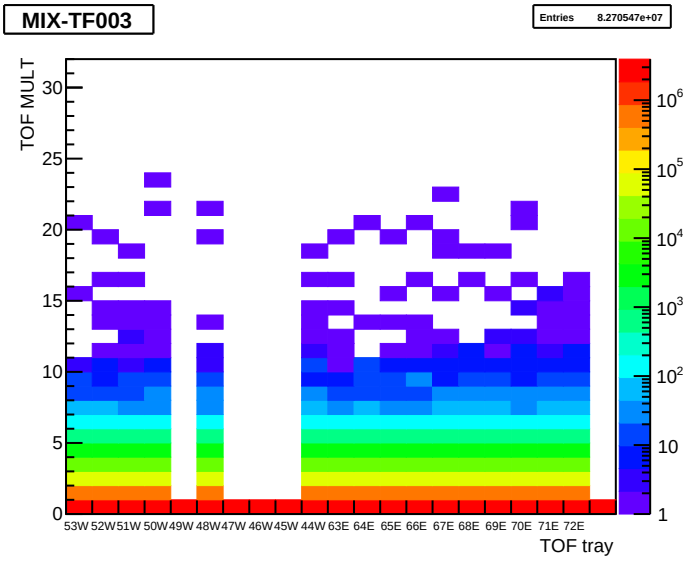

BunchId7Bit (VPD-TAC)
Entries1427345

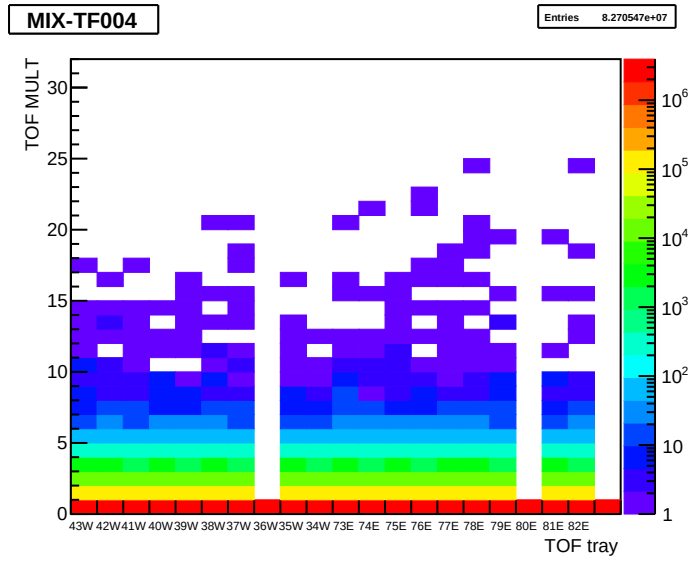

BunchId7Bit (MTD-th2)
Entries 25

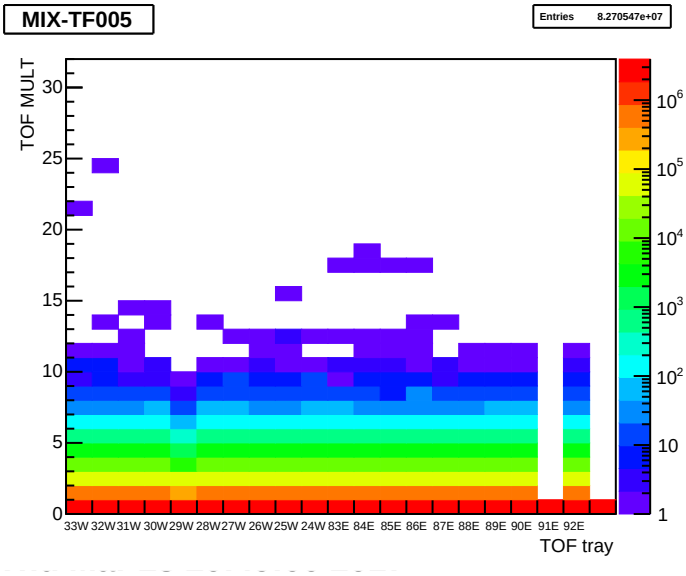

BunchId7Bit (RPET)
Entries 876670

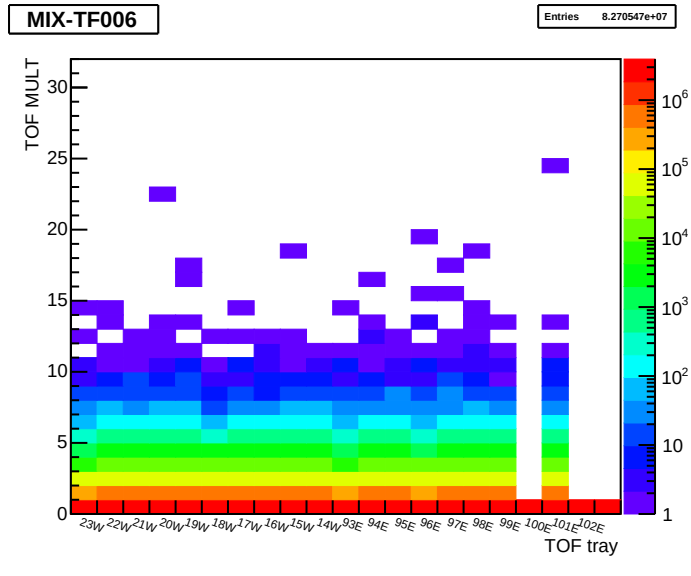

MIX-TF001
Entries 8.270547e+07
TOF MULT
TOF tray

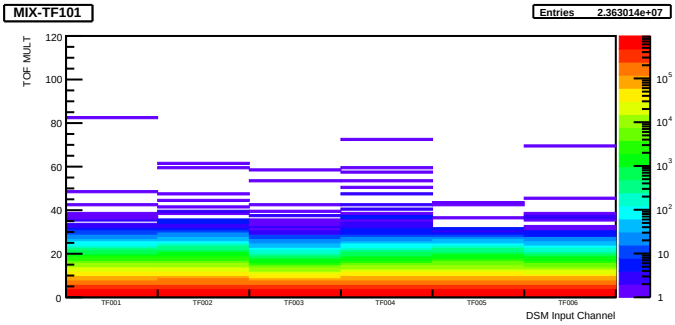

MIX-TF002
Entries 8.270547e+07
TOF MULT
TOF tray

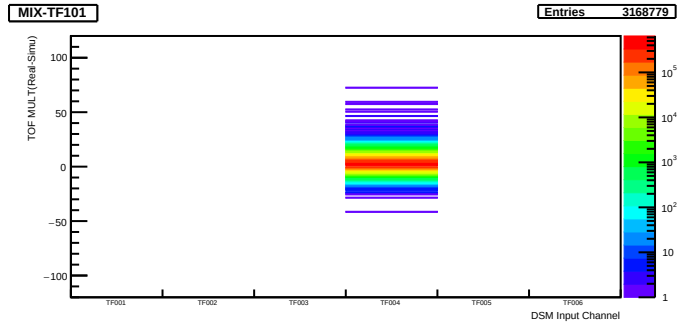

MIX-TF003
Entries 8.270547e+07
TOF MULT
TOF tray

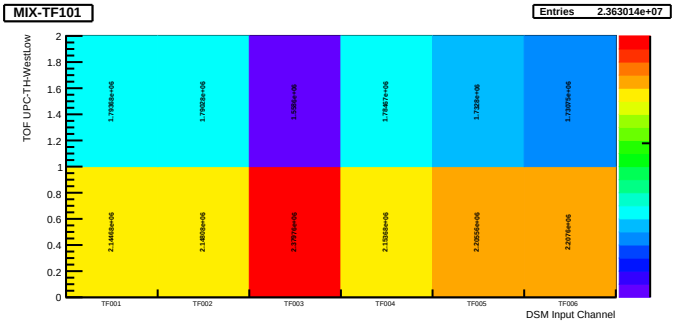

MIX-TF004
Entries 8.270547e+07
TOF MULT
TOF tray

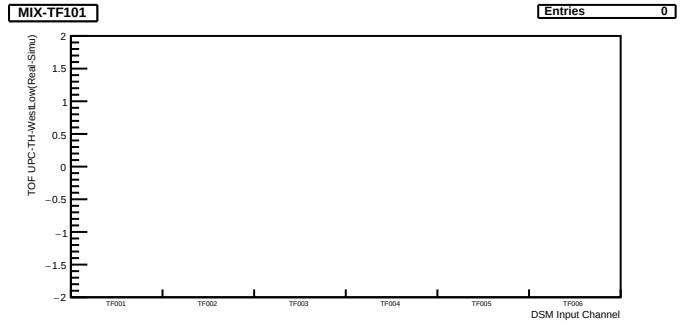

MIX-TF005
Entries 8.270547e+07
TOF MULT
TOF tray

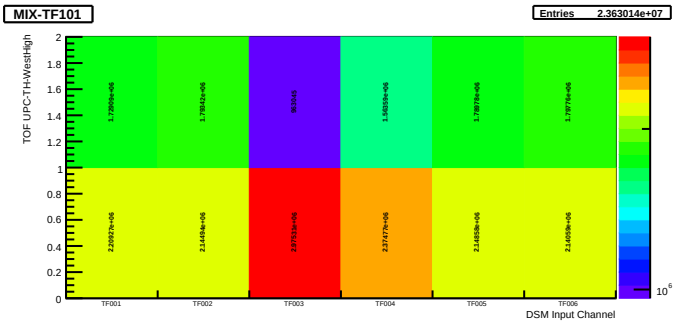

MIX-TF006
Entries 8.270547e+07
TOF MULT
TOF tray

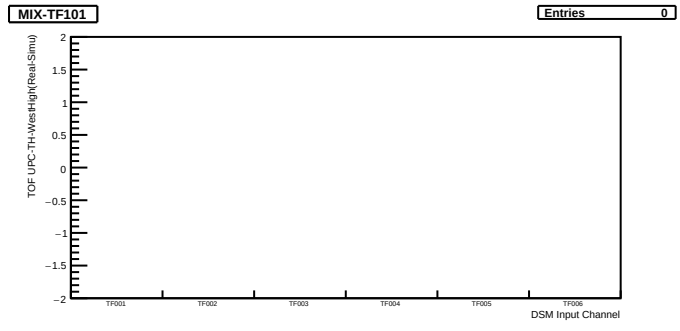

MIX-TF101
Entries 2.363014e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

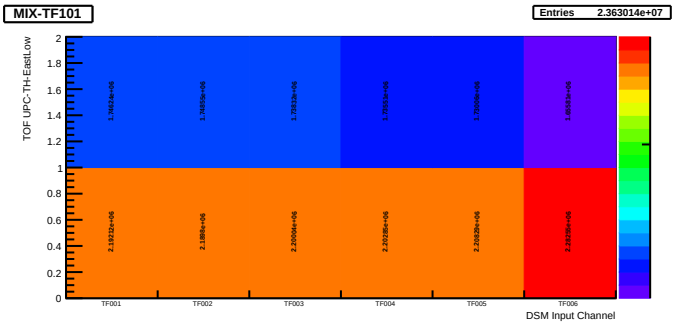

MIX-TF101
Entries 3168779
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

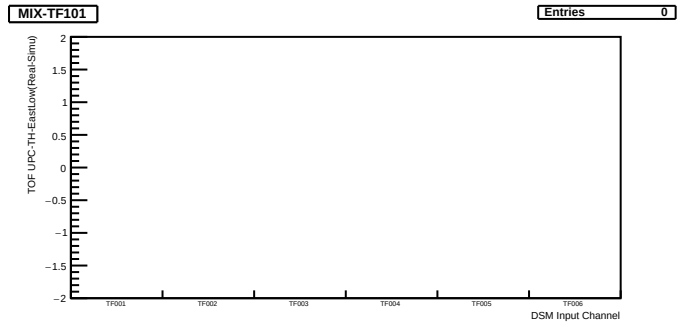

MIX-TF101
Entries 2.363014e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

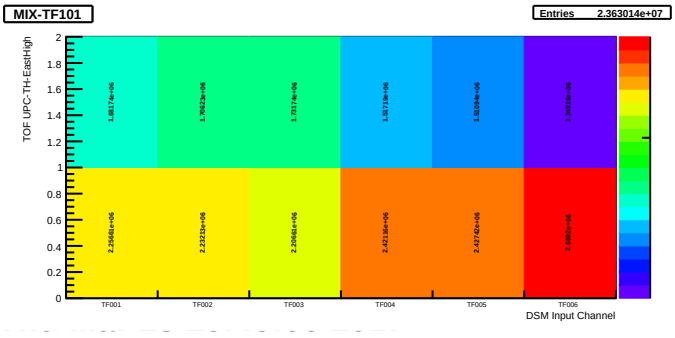

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

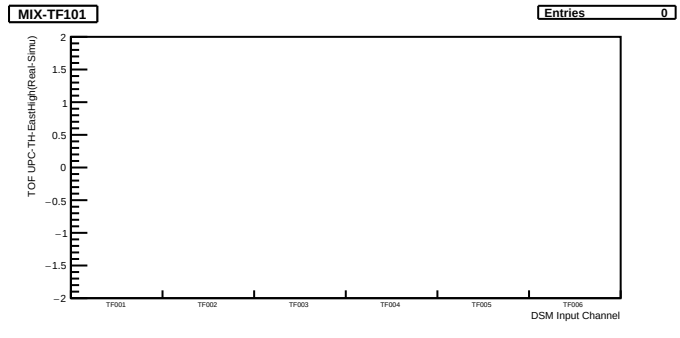

MIX-TF101
Entries 2.363014e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

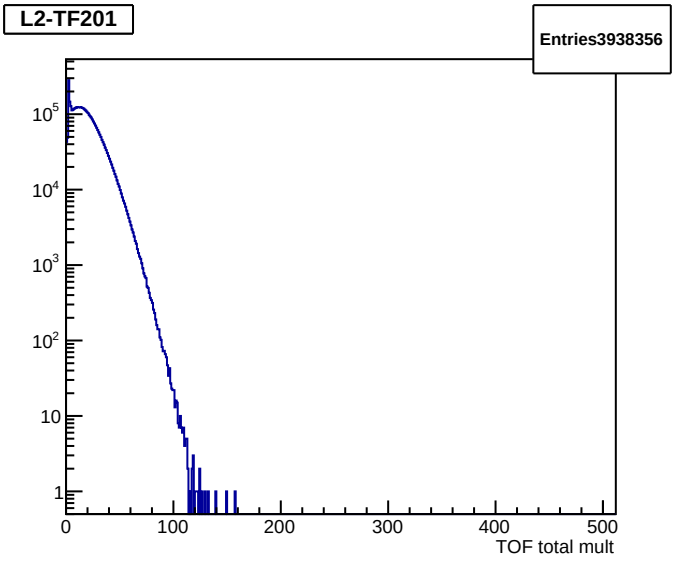

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

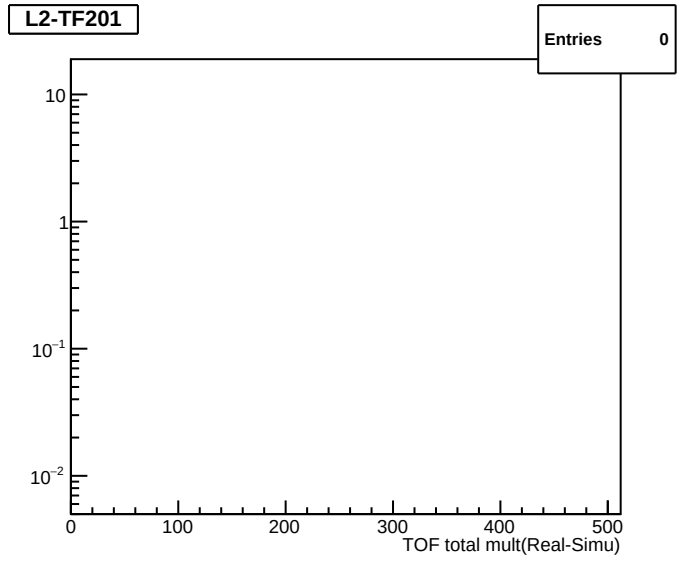

MIX-TF101
Entries 2.363014e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

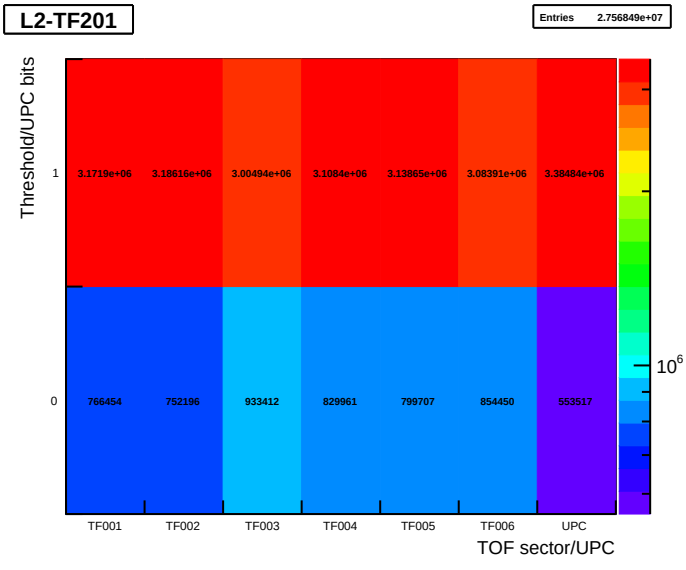

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

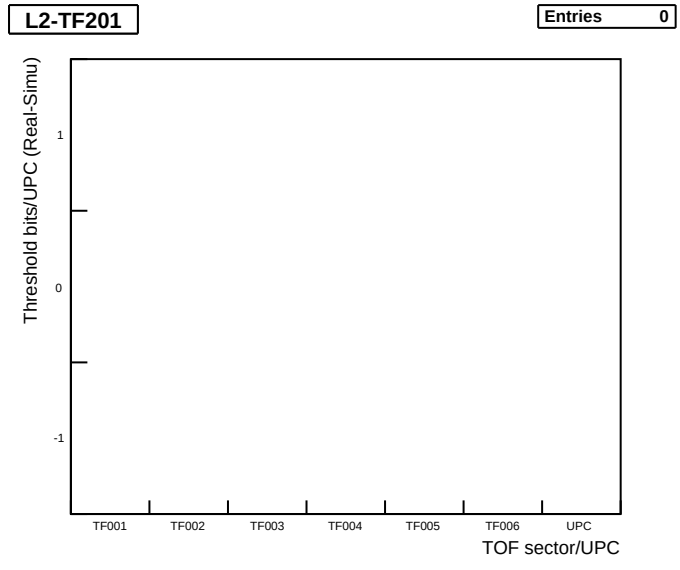

MIX-TF101
Entries 2.363014e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

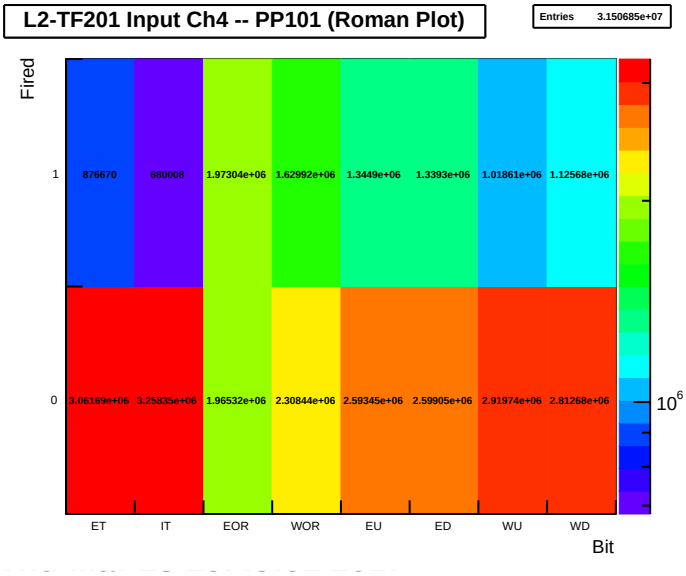

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

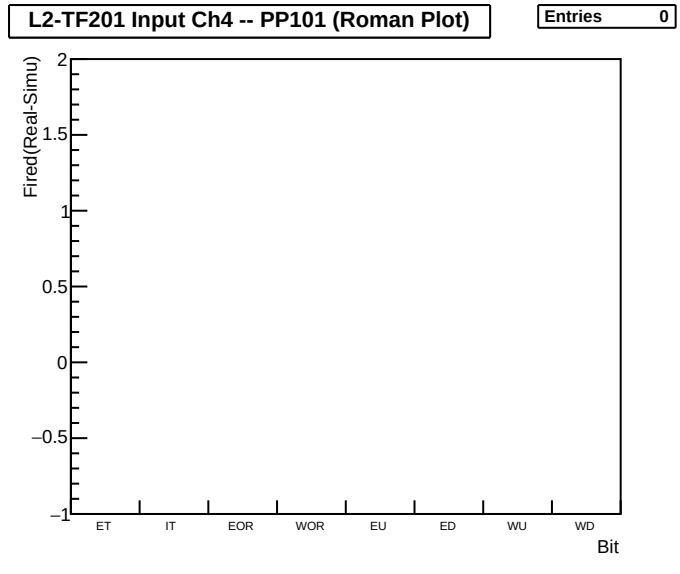

L2-TF201
Entries3938356
TOF total mult

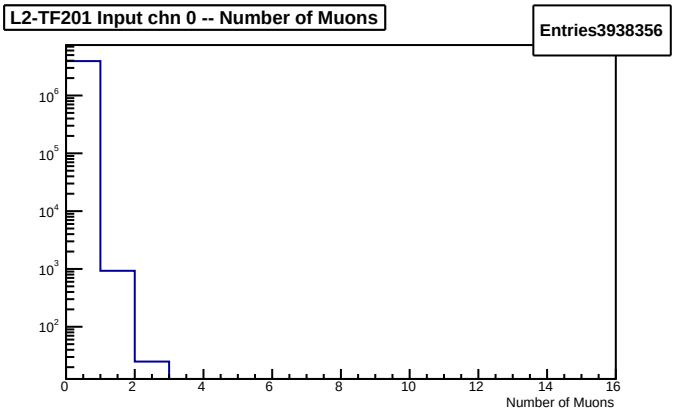

L2-TF201
Entries 0
TOF total mult(Real-Simu)

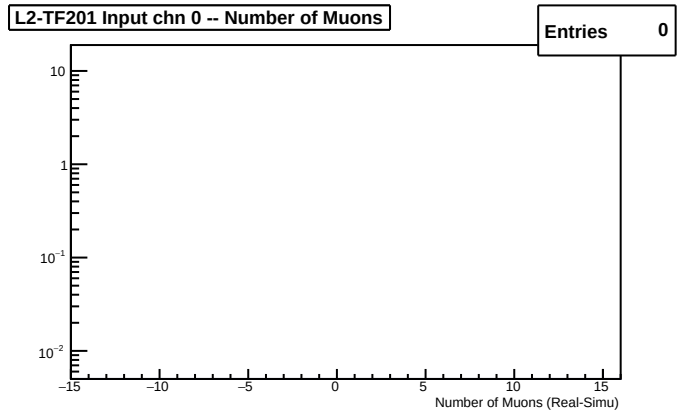

L2-TF201
Entries 2.756849e+07
Threshold/UPC bits
3.1719e+06
3.18616e+06
3.00494e+06
3.1084e+06
3.13865e+06
3.08391e+06
3.38484e+06
766454
752196
933412
829961
799707
854450
553517
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

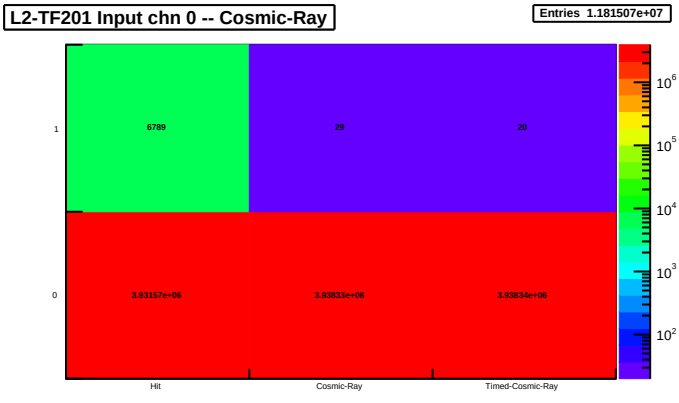

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

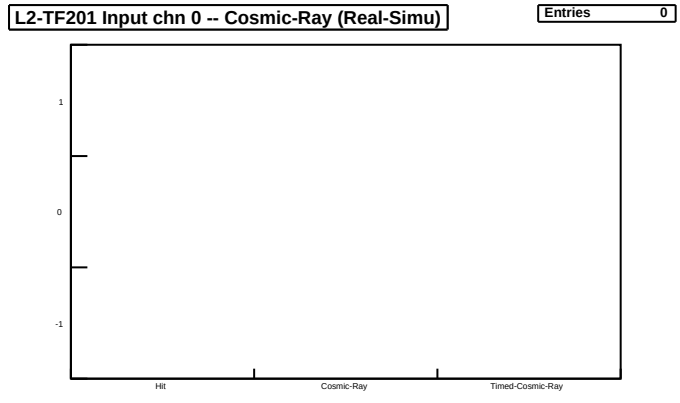

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 3.150685e+07
Fired
876670
680008
1.97304e+06
1.62992e+06
1.3449e+06
1.3393e+06
1.01861e+06
1.12568e+06
3.06169e+06
3.25835e+06
1.96532e+06
2.30844e+06
2.59345e+06
2.59905e+06
2.91974e+06
2.81268e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

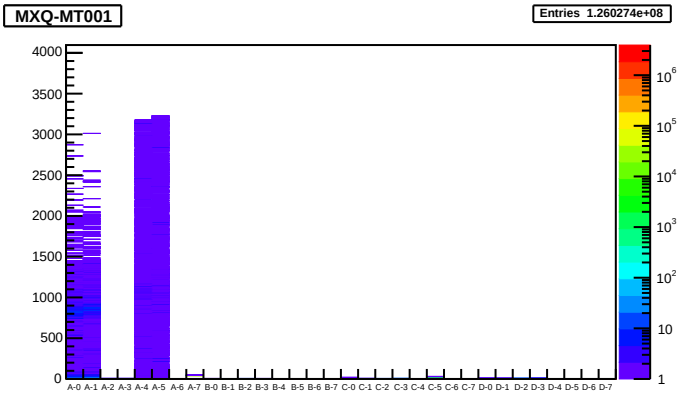

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

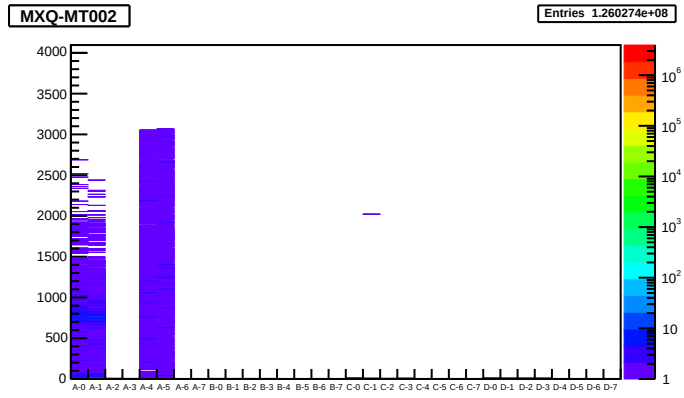

L2-TF201 Input chn 0 -- Number of Muons
Entries3938356
Number of Muons


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


L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.181507e+07
6789
29
20
3.93157e+06
3.93833e+06
3.93834e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray


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


MXQ-MT001
Entries 1.260274e+08
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 1.260274e+08
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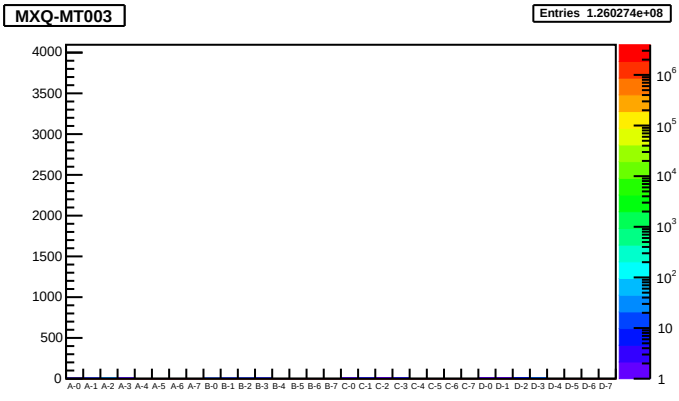
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT003
Entries 1.260274e+08
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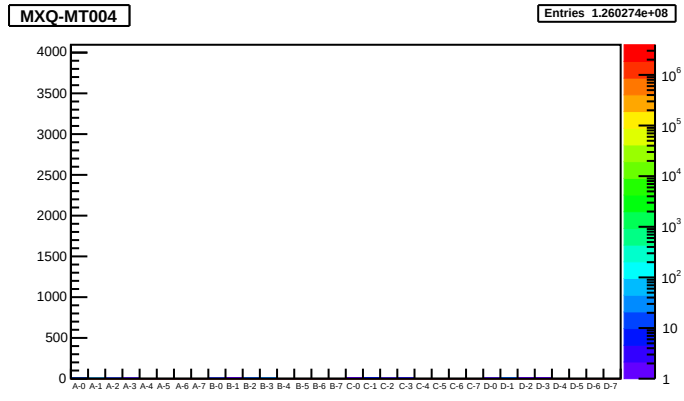
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT004
Entries 1.260274e+08
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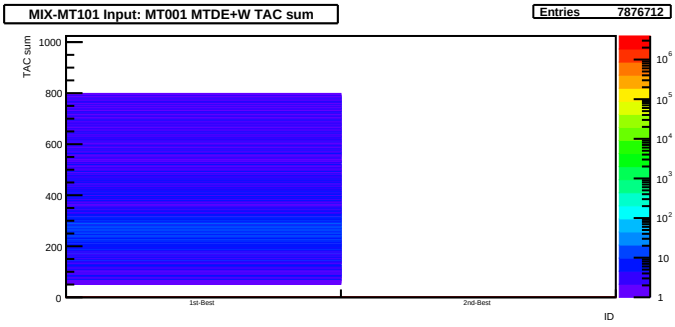
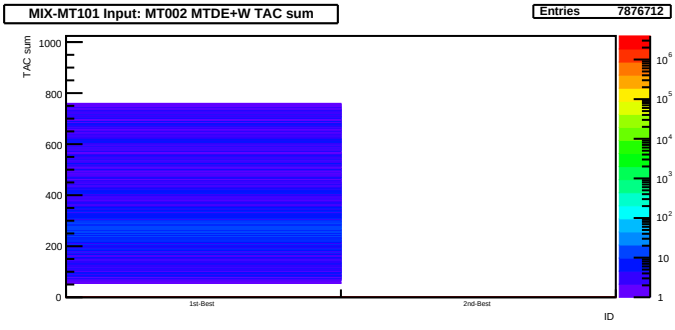
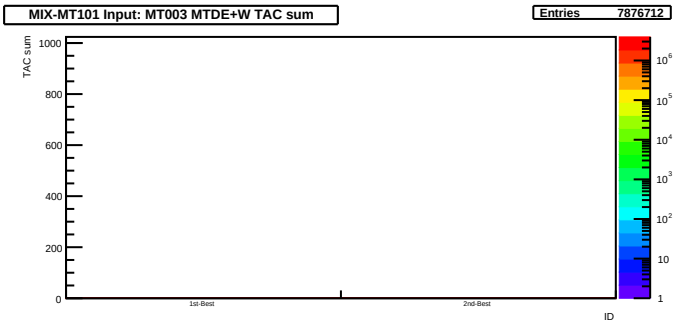
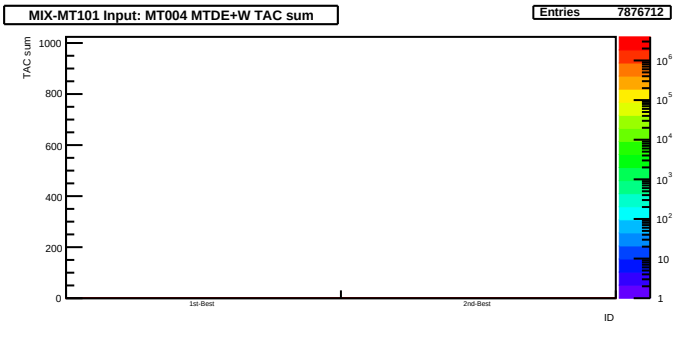
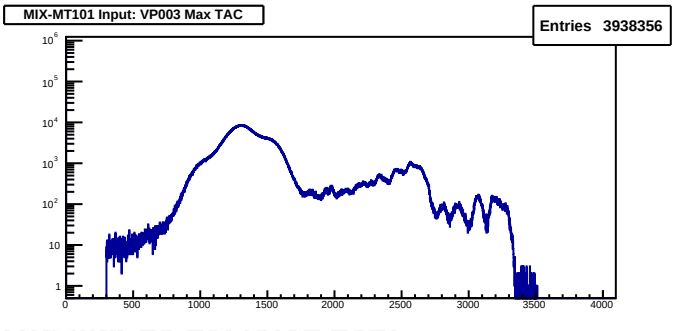
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

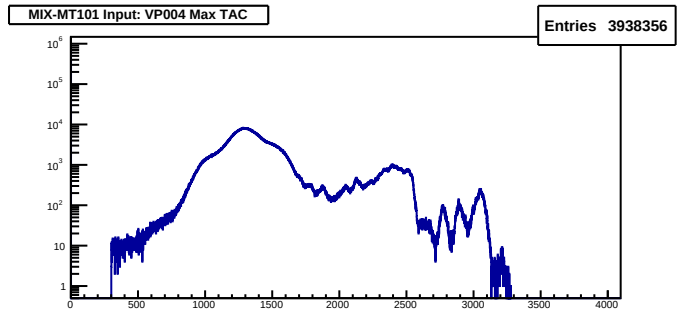

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 7876712
TAC sum
1st-Best
2nd-Best
ID

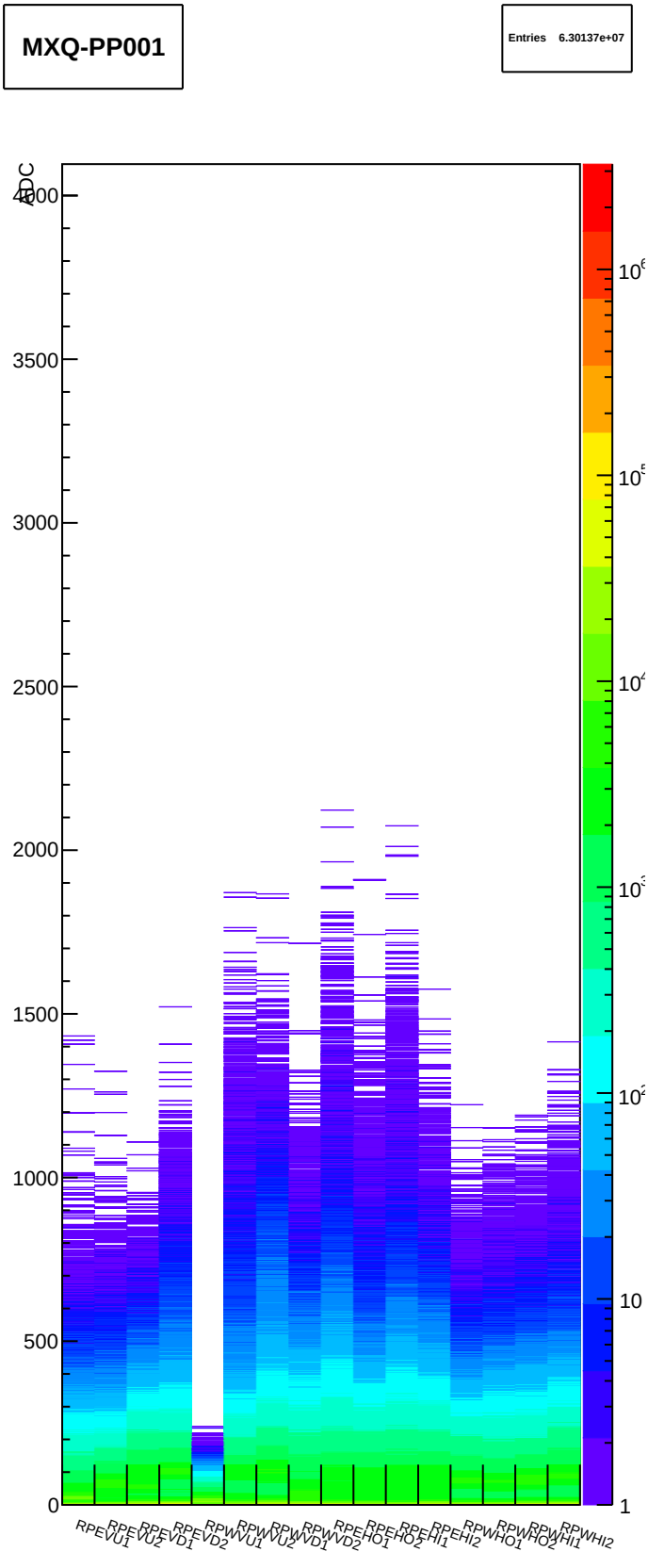

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 7876712
TAC sum
1st-Best
2nd-Best
ID

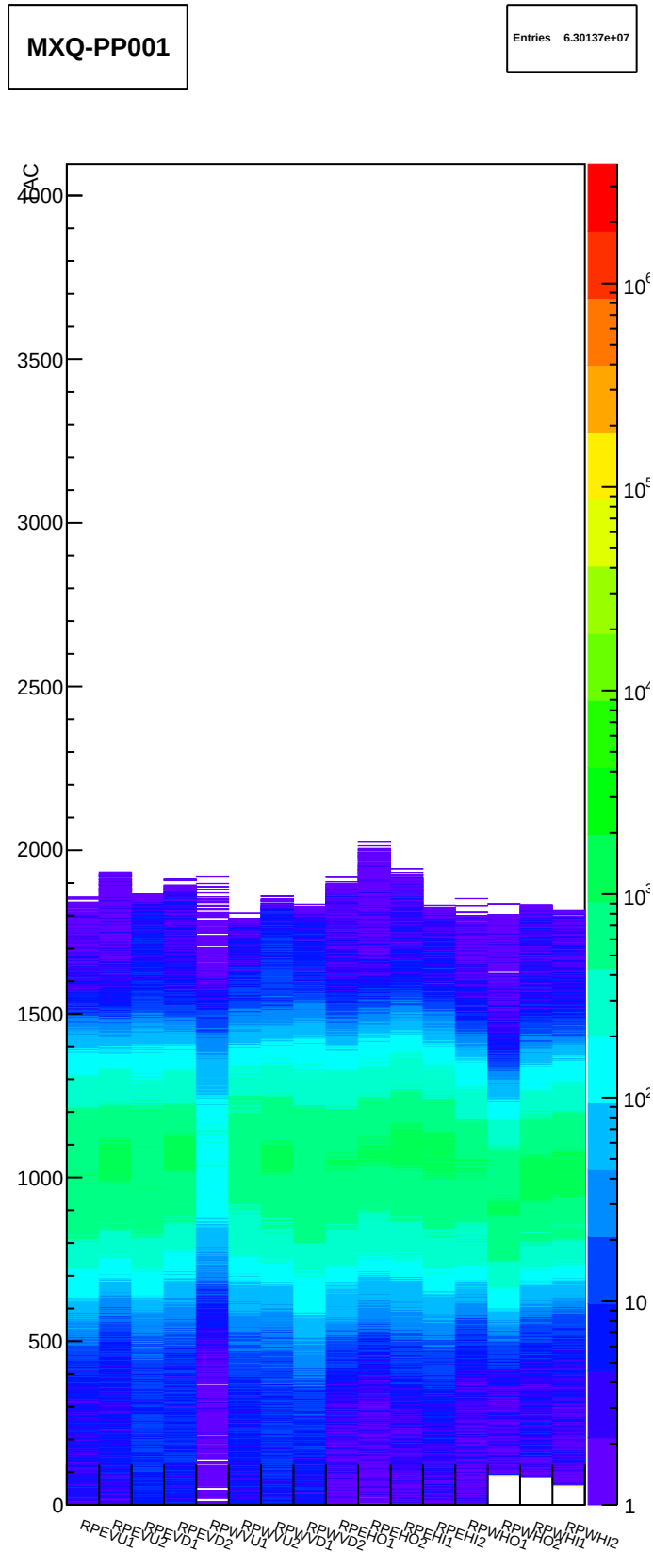

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 7876712
TAC sum
1st-Best
2nd-Best
ID

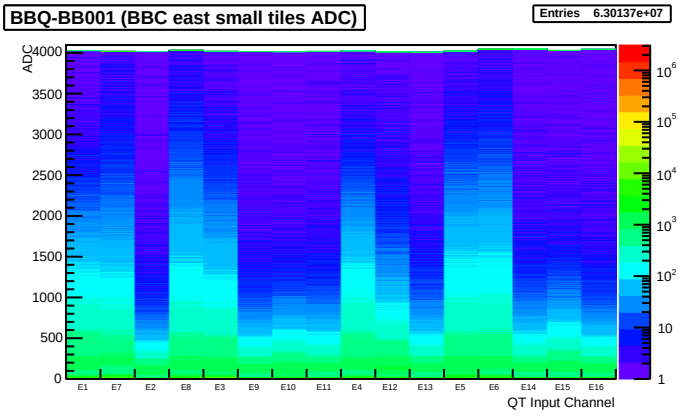

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 7876712
TAC sum
1st-Best
2nd-Best
ID

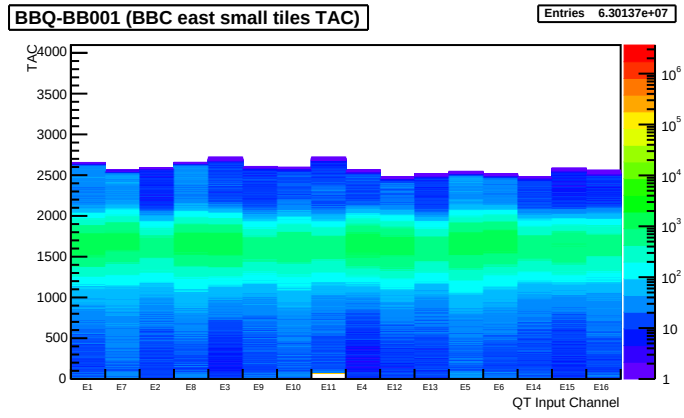

MIX-MT101 Input: VP003 Max TAC
Entries 3938356

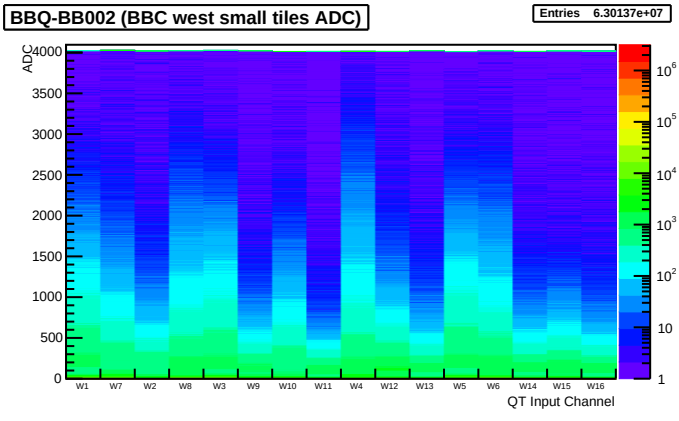

MIX-MT101 Input: VP004 Max TAC
Entries 3938356

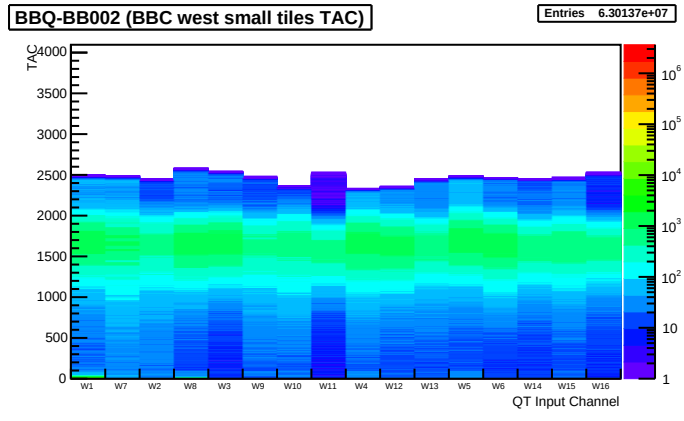

MXQ-PP001
Entries 6.30137e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

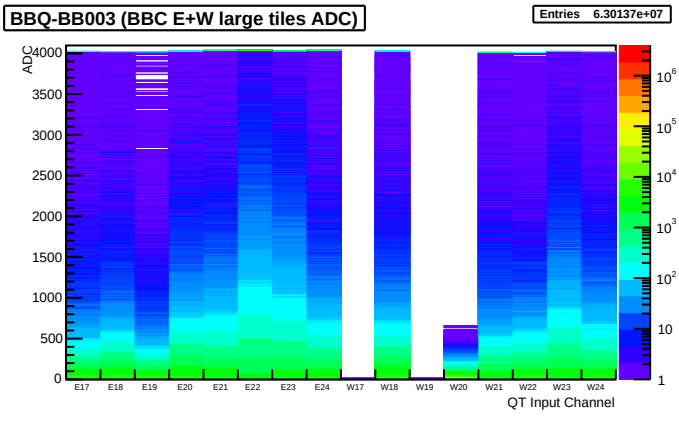

MXQ-PP001
Entries 6.30137e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

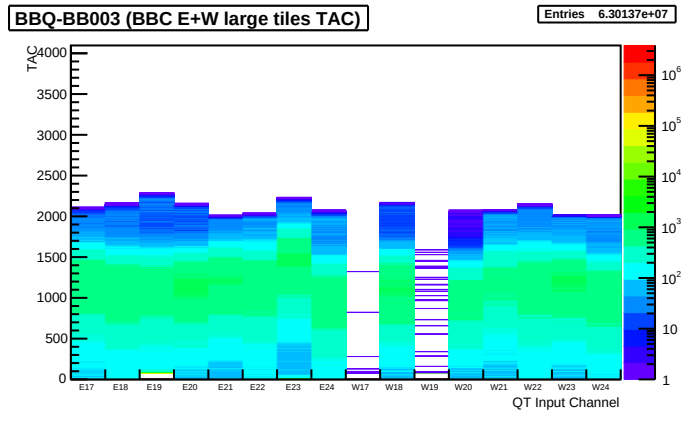

BBQ-BB001 (BBC east small tiles ADC)
Entries 6.30137e+07
ADC
QT Input Channel

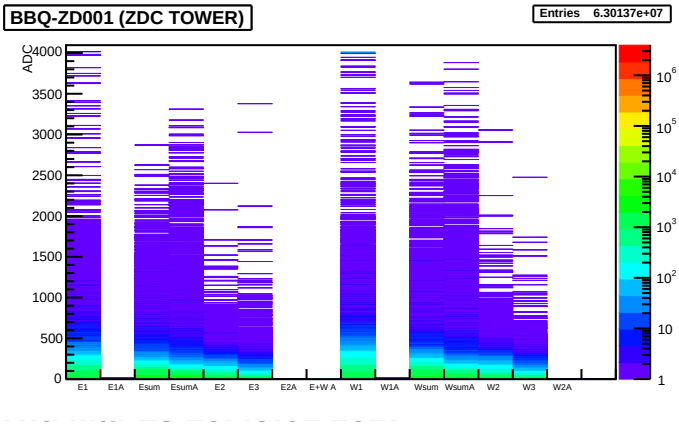

BBQ-BB001 (BBC east small tiles TAC)
Entries 6.30137e+07
TAC
QT Input Channel

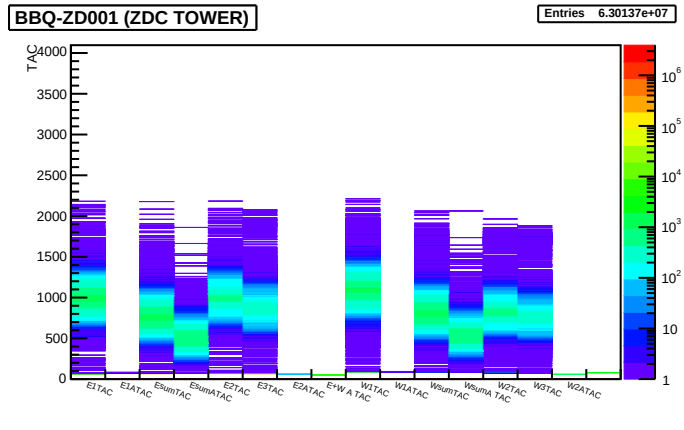

BBQ-BB002 (BBC west small tiles ADC)
Entries 6.30137e+07
ADC
QT Input Channel

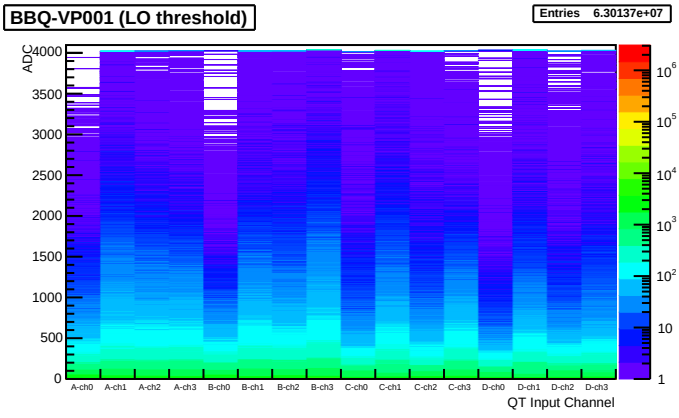

BBQ-BB002 (BBC west small tiles TAC)
Entries 6.30137e+07
TAC
QT Input Channel

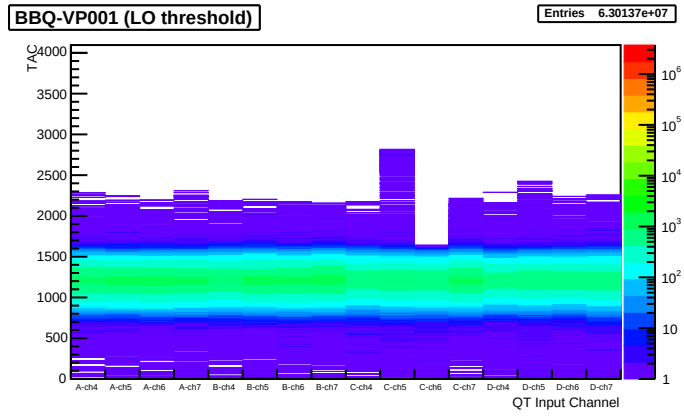

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 6.30137e+07
ADC
QT Input Channel

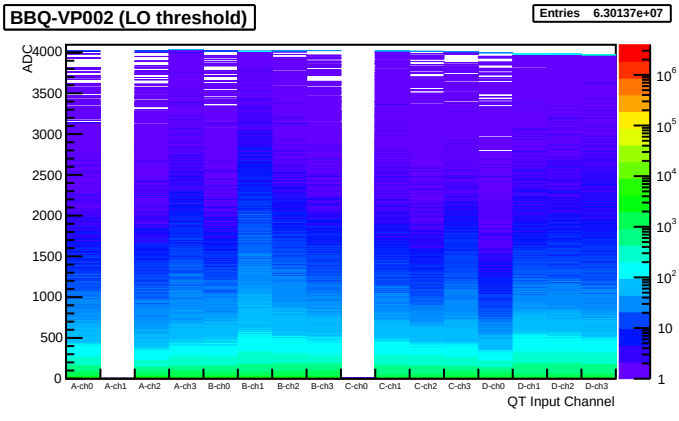

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 6.30137e+07
TAC
QT Input Channel

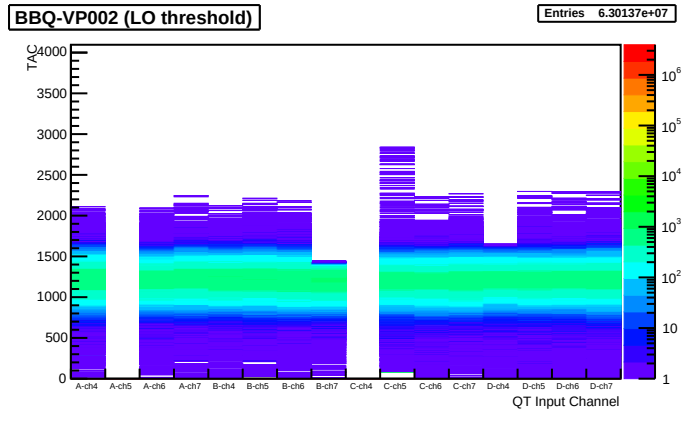

BBQ-ZD001 (ZDC TOWER)
Entries 6.30137e+07
ADC

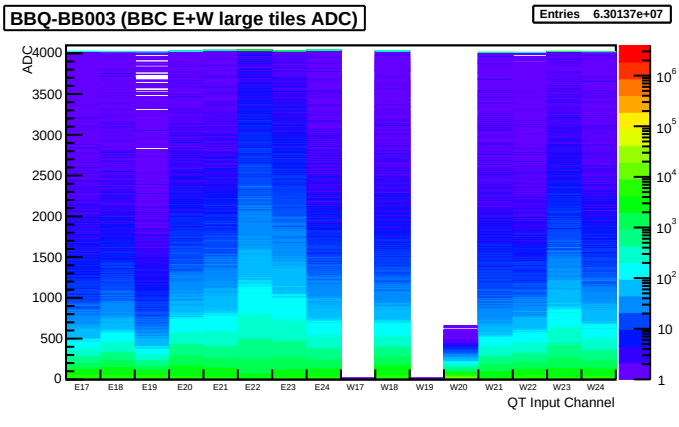

BBQ-ZD001 (ZDC TOWER)
Entries 6.30137e+07
TAC

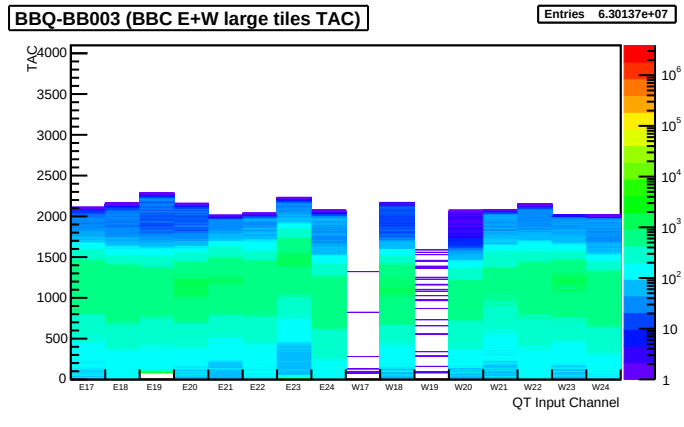

BBQ-VP001 (LO threshold)
Entries 6.30137e+07
ADC
QT Input Channel

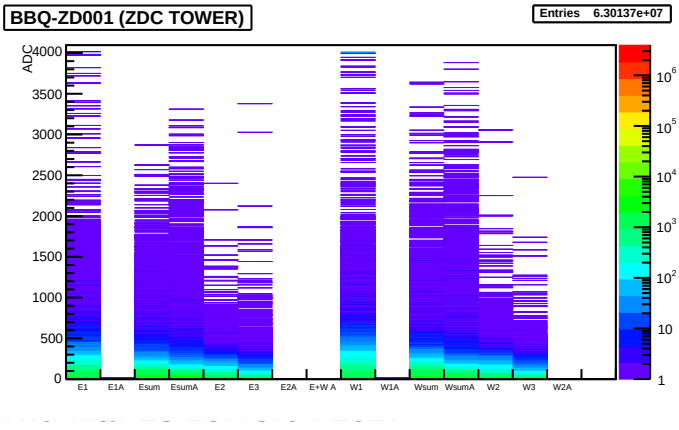

BBQ-VP001 (LO threshold)
Entries 6.30137e+07
TAC
QT Input Channel

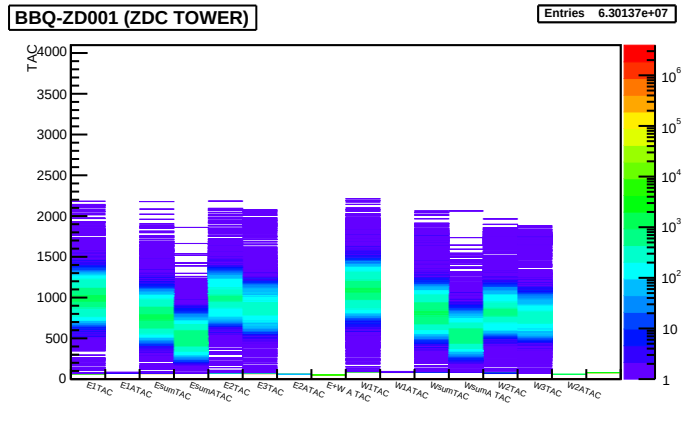

BBQ-VP002 (LO threshold)
Entries 6.30137e+07
ADC
QT Input Channel

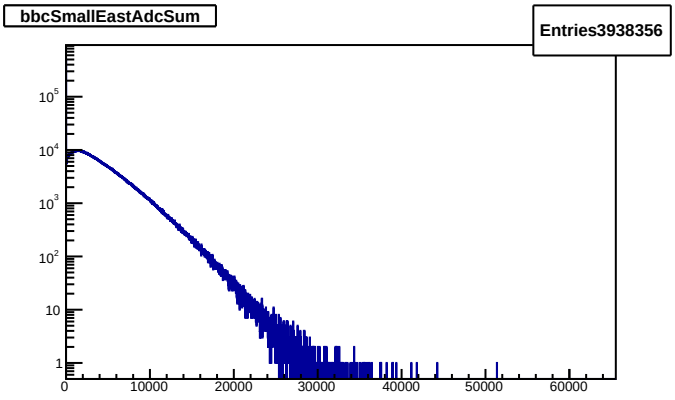

BBQ-VP002 (LO threshold)
Entries 6.30137e+07
TAC
QT Input Channel

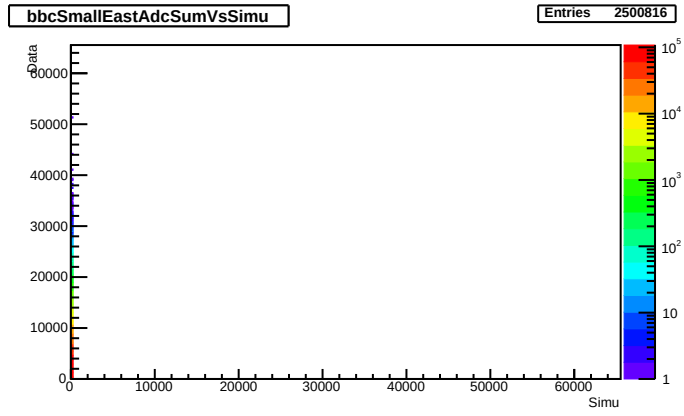

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 6.30137e+07
ADC
QT Input Channel

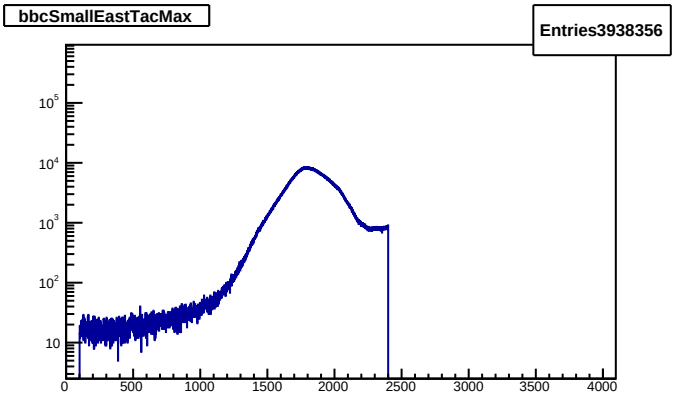

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 6.30137e+07
TAC
QT Input Channel

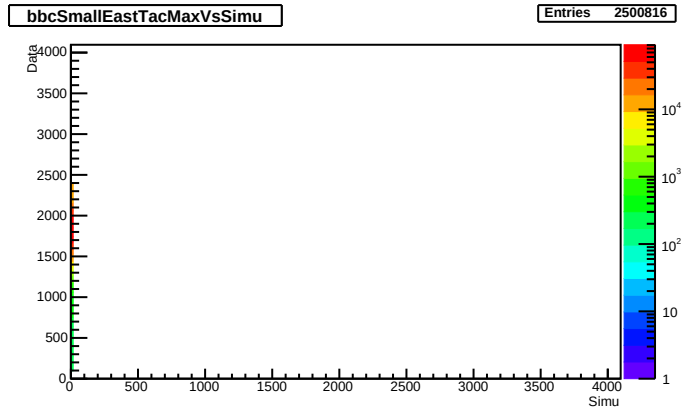

BBQ-ZD001 (ZDC TOWER)
Entries 6.30137e+07
ADC

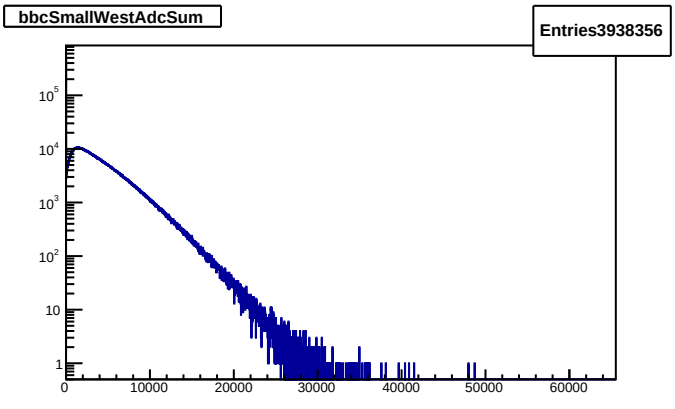

BBQ-ZD001 (ZDC TOWER)
Entries 6.30137e+07
TAC

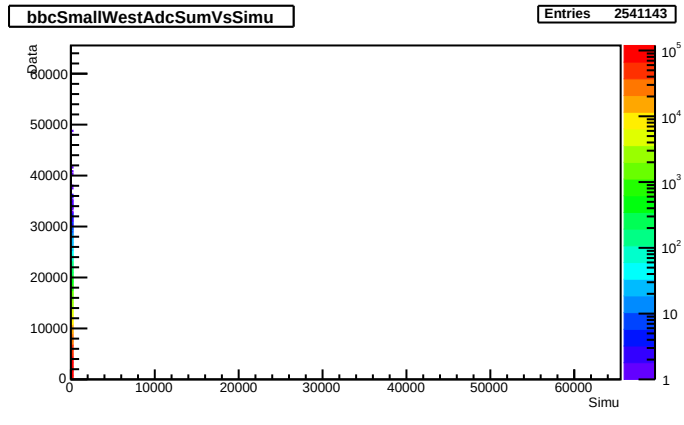

bbcSmallEastAdcSum
Entries3938356

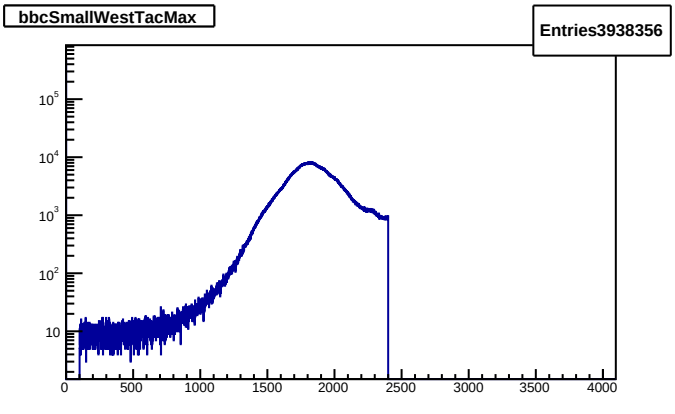

bbcSmallEastAdcSumVsSimu
Entries 2500816
Data
Simu

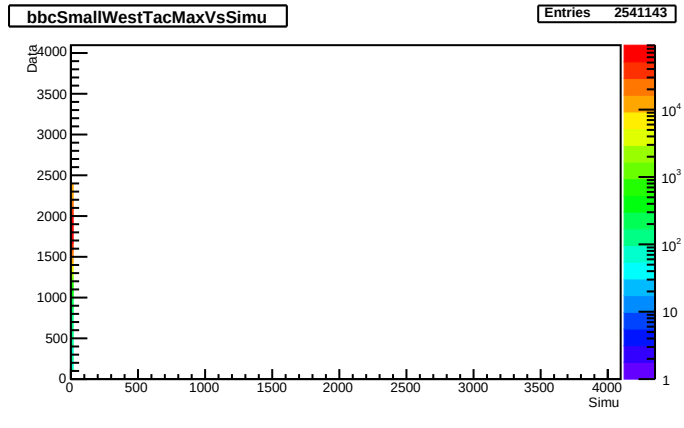

bbcSmallEastTacMax
Entries3938356

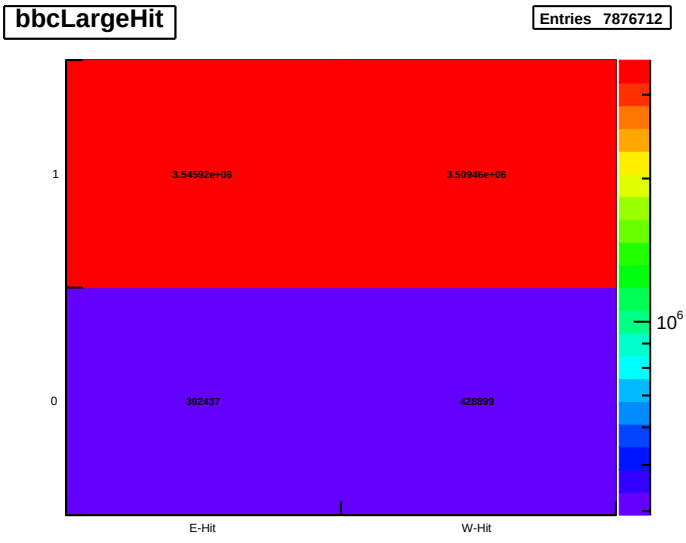

bbcSmallEastTacMaxVsSimu
Entries 2500816
Data
Simu

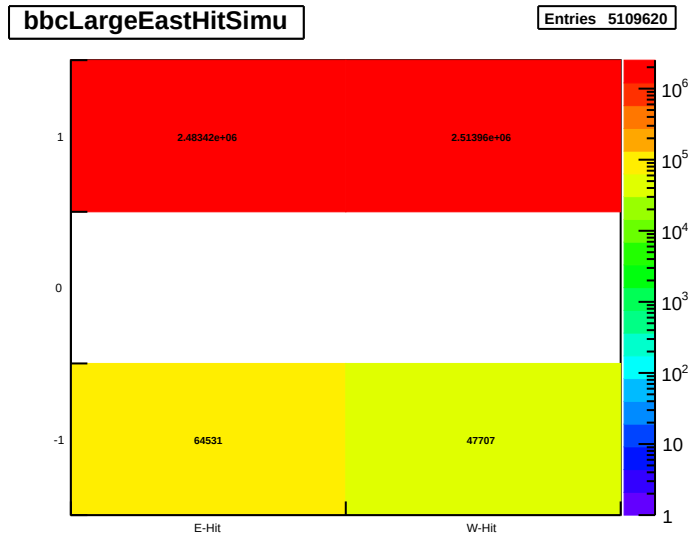

bbcSmallWestAdcSum
Entries3938356

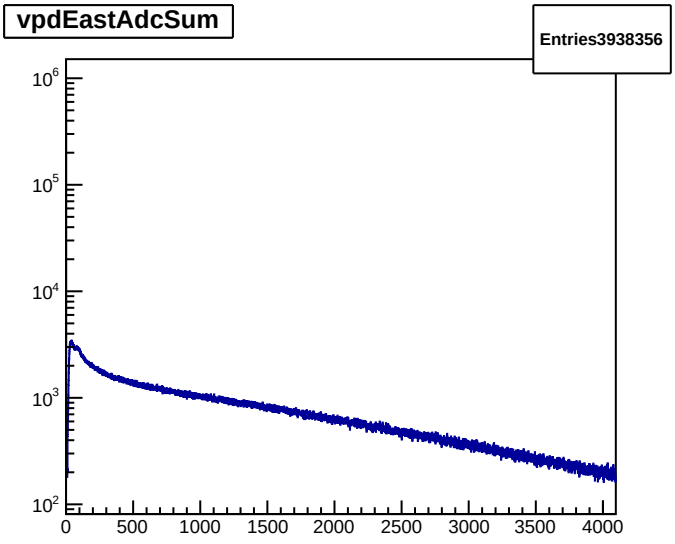

bbcSmallWestAdcSumVsSimu
Entries 2541143
Data
Simu

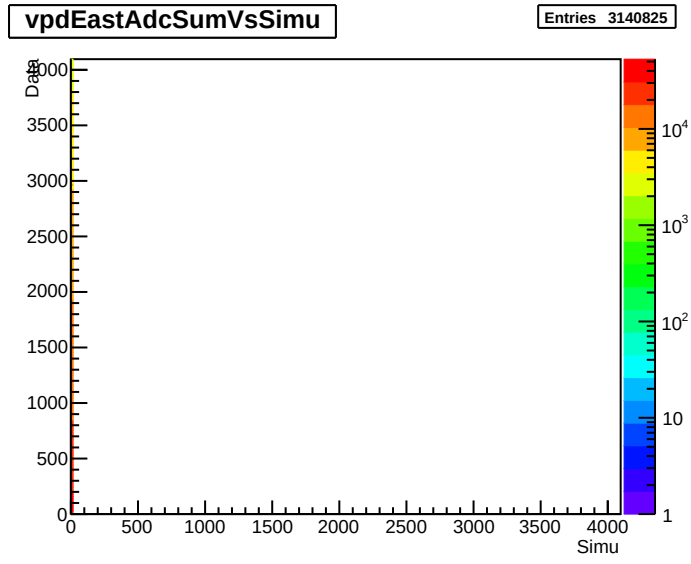

bbcSmallWestTacMax
Entries3938356

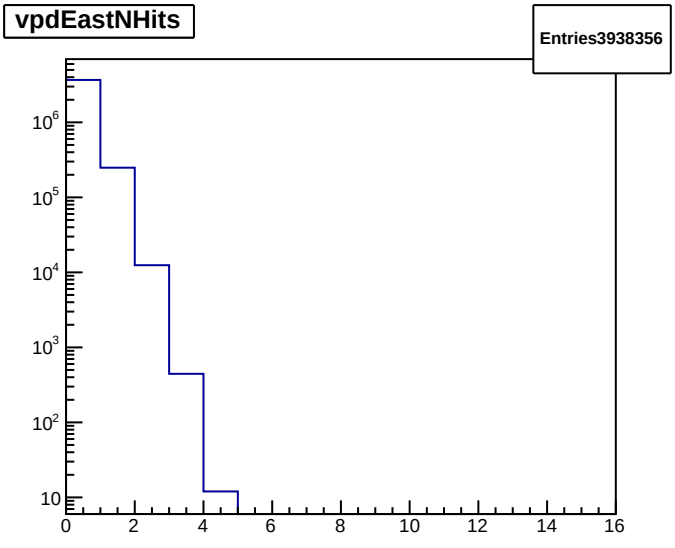

bbcSmallWestTacMaxVsSimu
Entries 2541143
Data
Simu

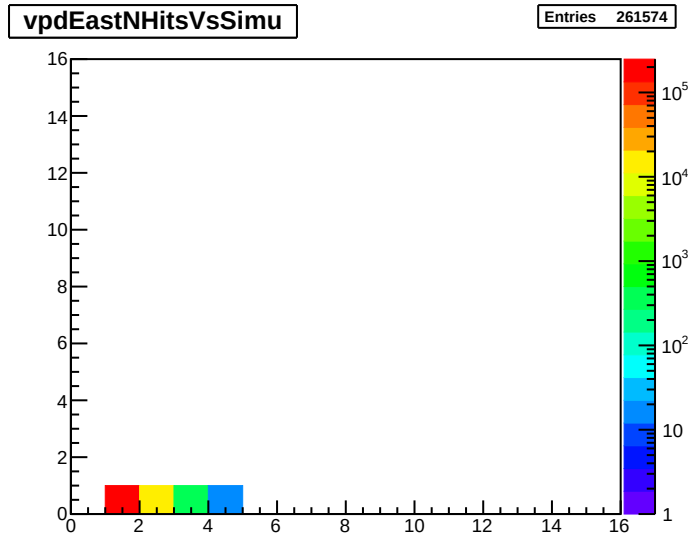

bbcLargeHit
Entries 7876712
1
0
3.54592e+06
3.50946e+06
392437
428899
E-Hit
W-Hit
10^6

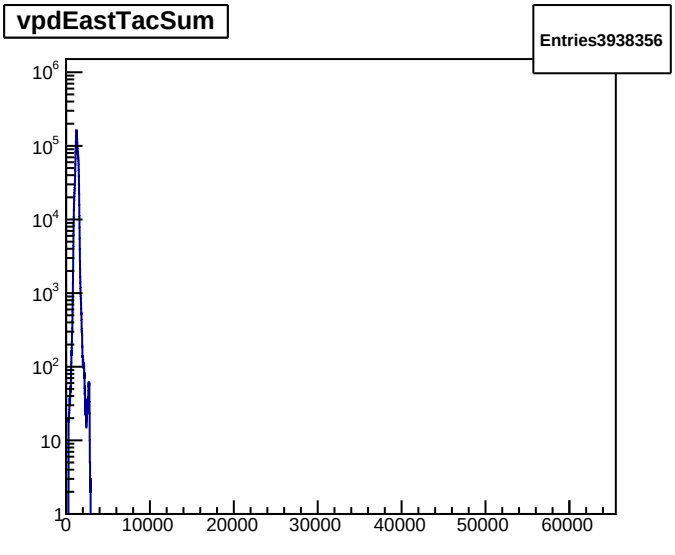

bbcLargeEastHitSimu
Entries 5109620
1
0
-1
2.48342e+06
2.51396e+06
64531
47707
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

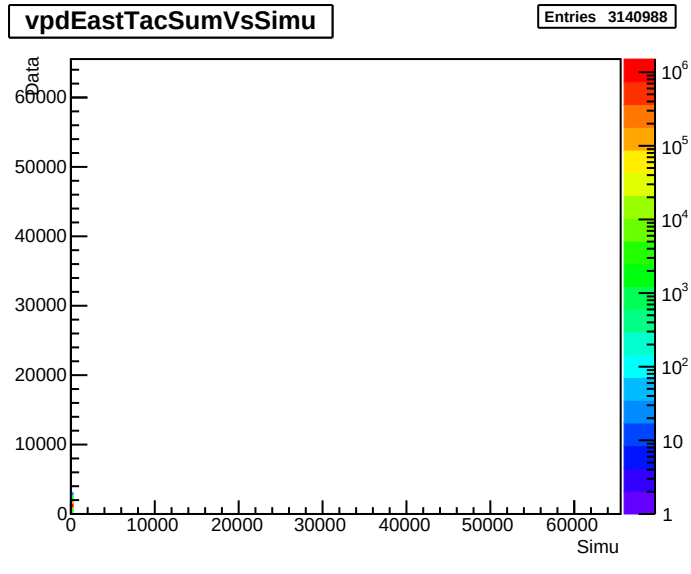

vpdEastAdcSum
Entries3938356

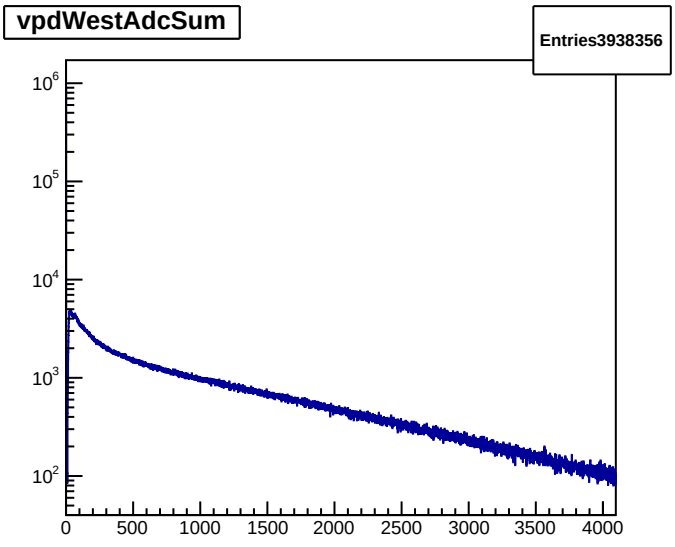

vpdEastAdcSumVsSimu
Entries 3140825
Data
Simu

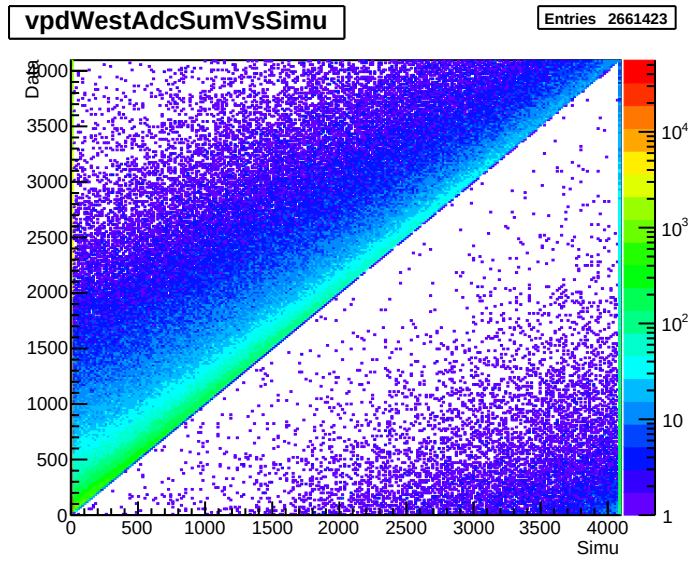

vpdEastNHits
Entries3938356

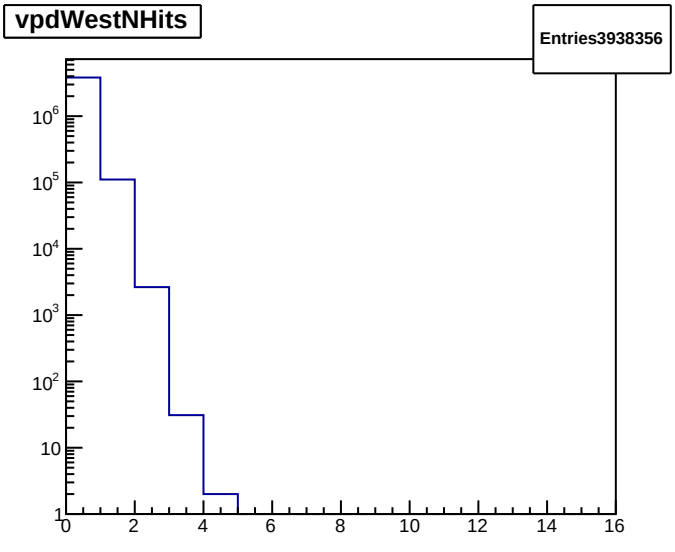

vpdEastNHitsVsSimu
Entries 261574

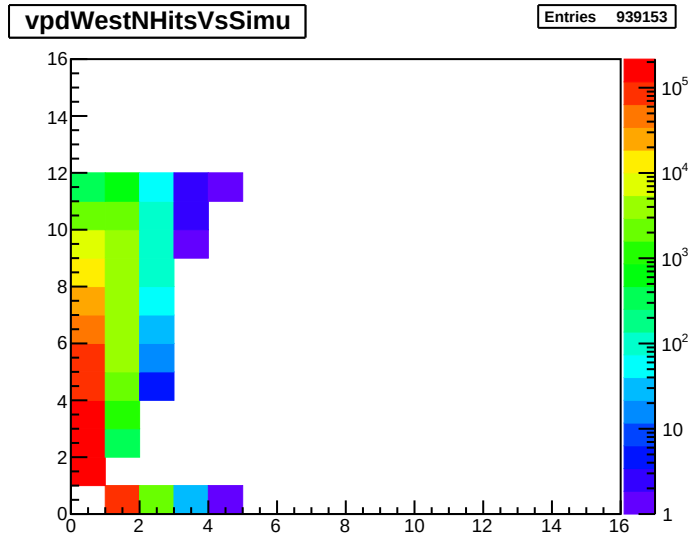

vpdEastTacSum
Entries3938356

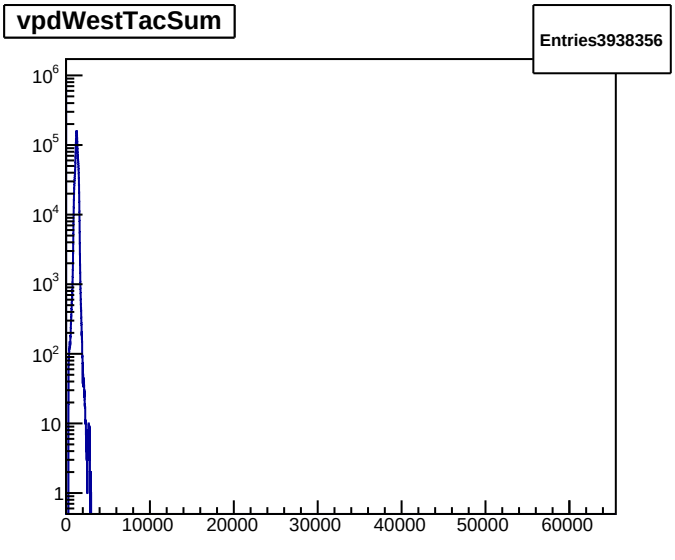

vpdEastTacSumVsSimu
Entries 3140988
Data
Simu

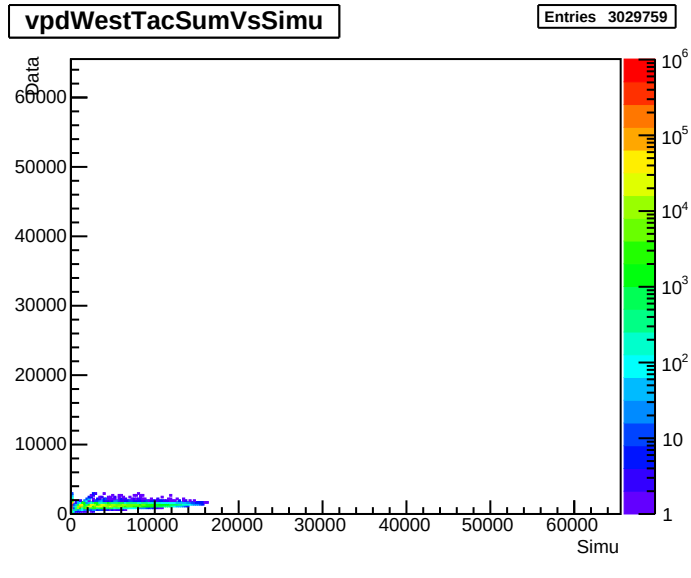

vpdWestAdcSum
Entries3938356

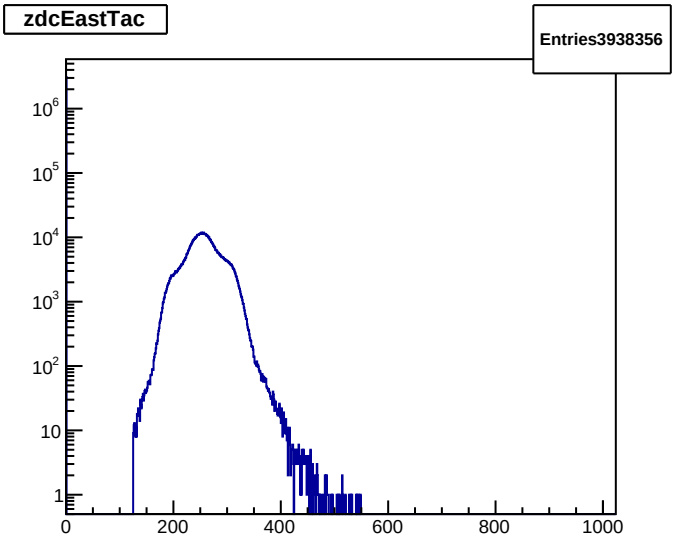

vpdWestAdcSumVsSimu
Entries 2661423
Data
Simu

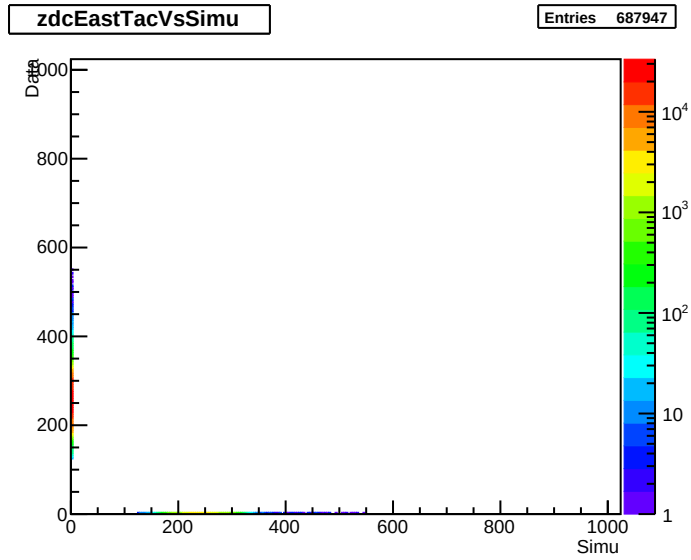

vpdWestNHits
Entries3938356

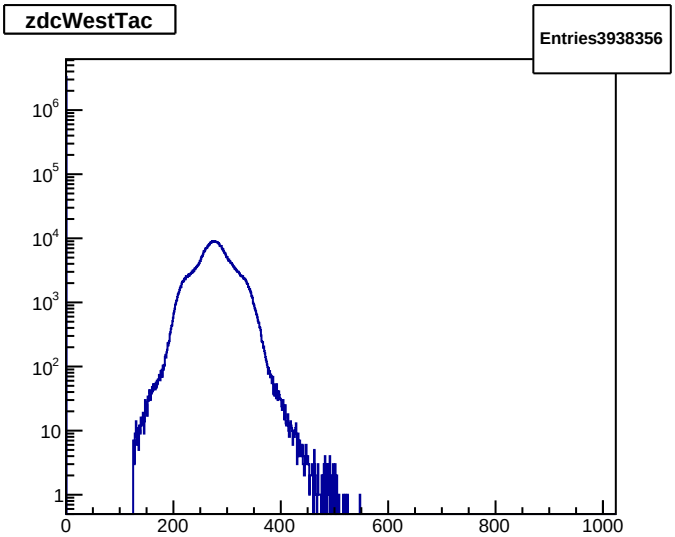

vpdWestNHitsVsSimu
Entries 939153

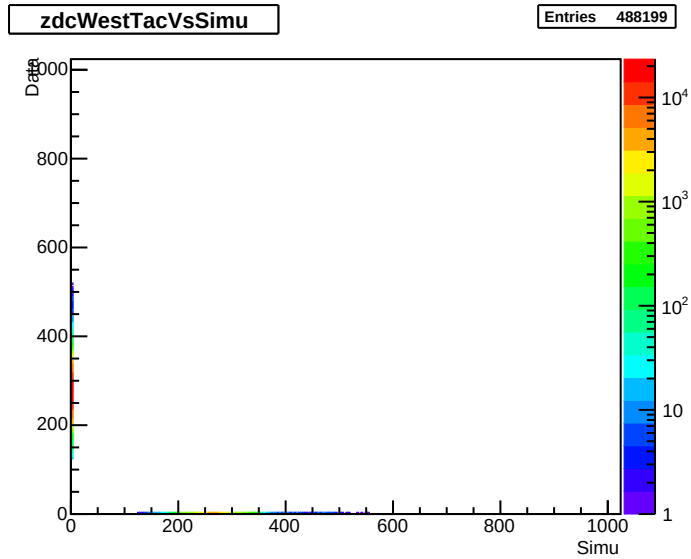

vpdWestTacSum
Entries3938356

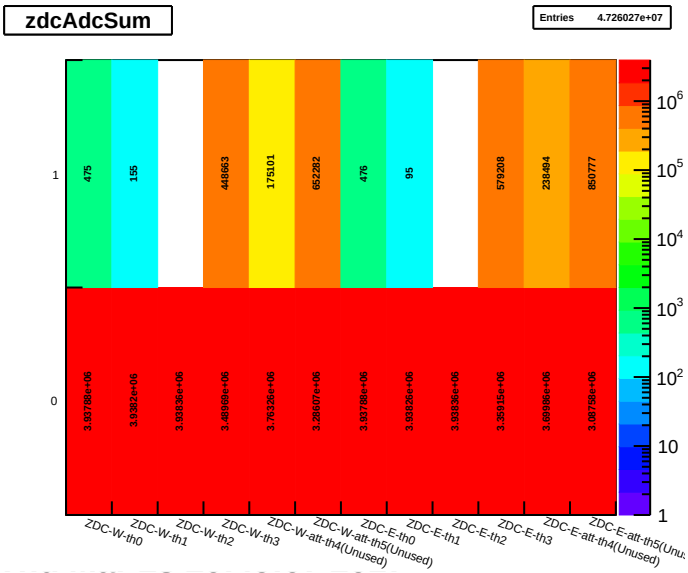

vpdWestTacSumVsSimu
Entries 3029759
Data
Simu

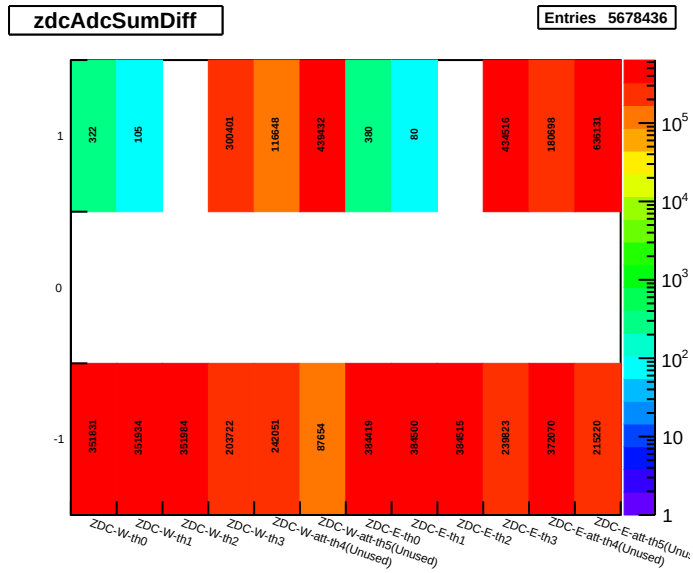

zdcEastTac
Entries3938356

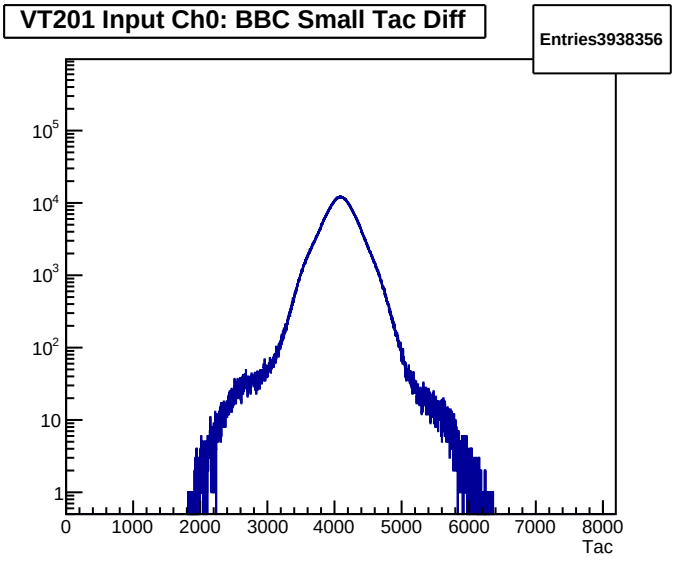

zdcEastTacVsSimu
Entries 687947
Data
Simu

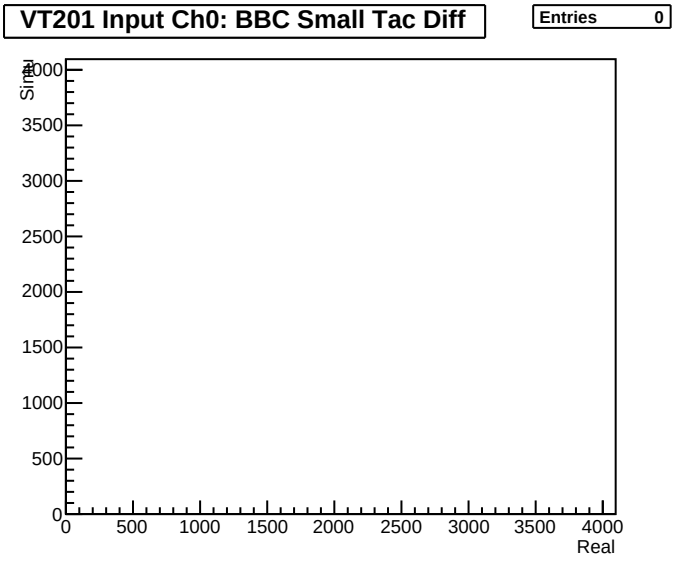

zdcWestTac
Entries3938356

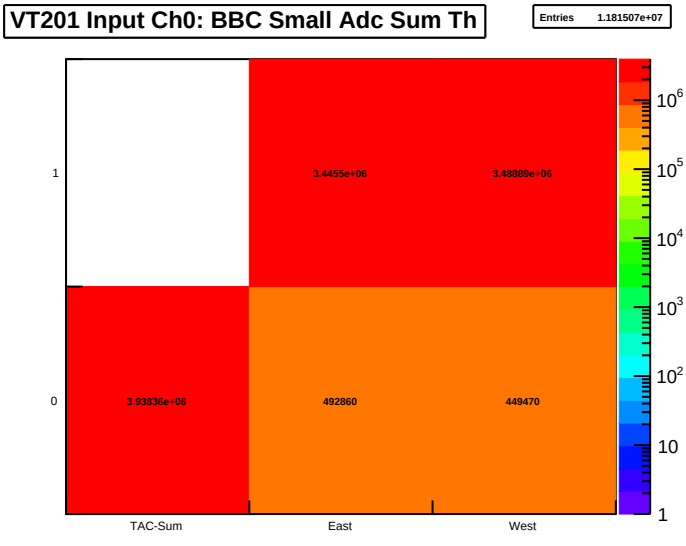

zdcWestTacVsSimu
Entries 488199
Data
Simu

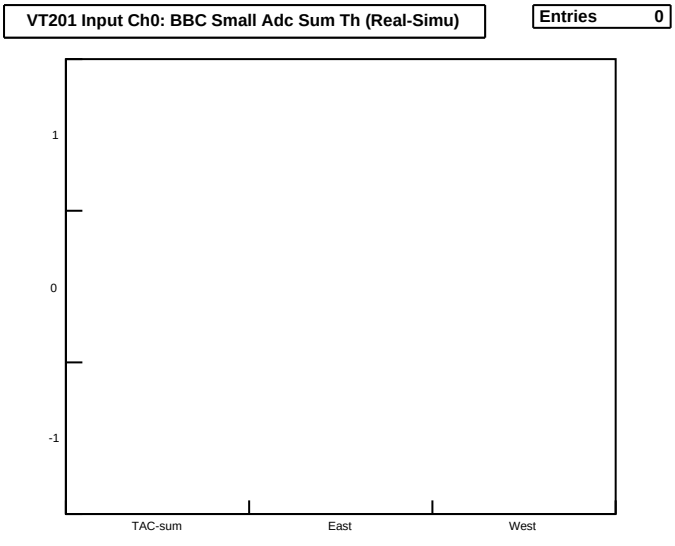

zdcAdcSum
Entries 4.726027e+07
475
155
448663
175101
652282
476
95
579208
238494
850777
3.93788e+06
3.93832e+06
3.93836e+06
3.40969e+06
3.76326e+06
3.29607e+06
3.93788e+06
3.93826e+06
3.93836e+06
3.38915e+06
3.69986e+06
3.08758e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

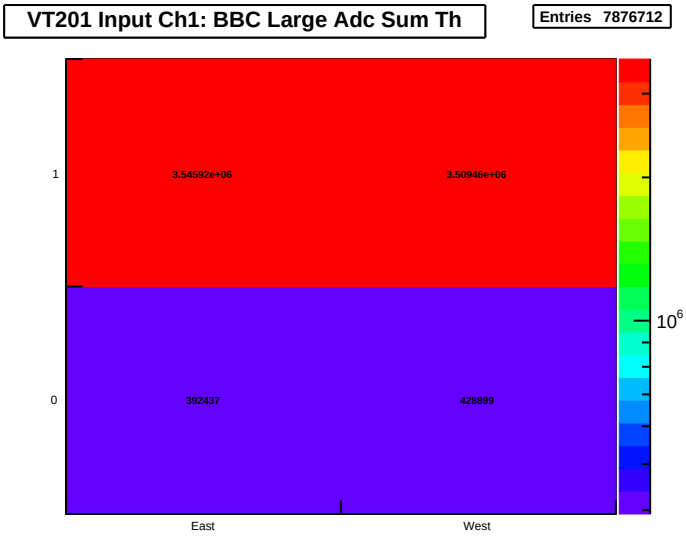

zdcAdcSumDiff
Entries 5678436
322
105
300401
116648
439432
380
80
434516
180698
638131
351831
351934
351964
203722
242051
87654
384419
384500
384515
238623
372070
215220
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

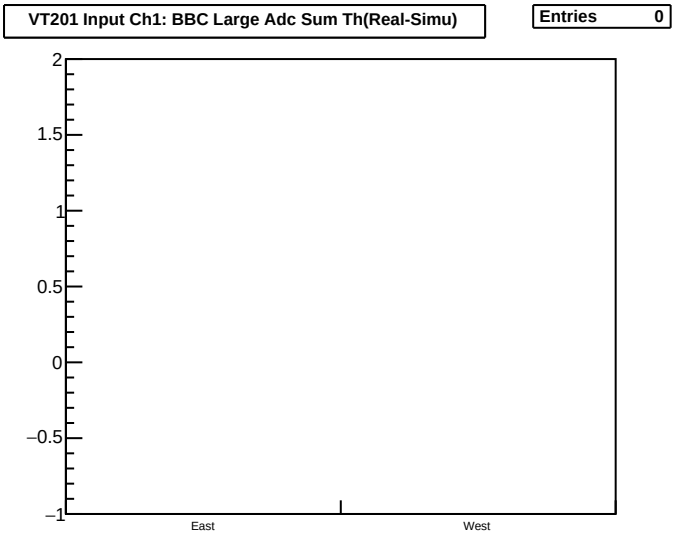

VT201 Input Ch0: BBC Small Tac Diff
Entries3938356
Tac


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

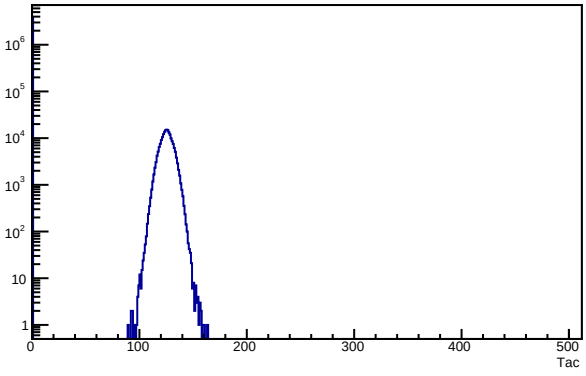

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.181507e+07
3.4455e+06
3.48889e+06
3.93836e+06
492860
449470
TAC-Sum
East
West


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

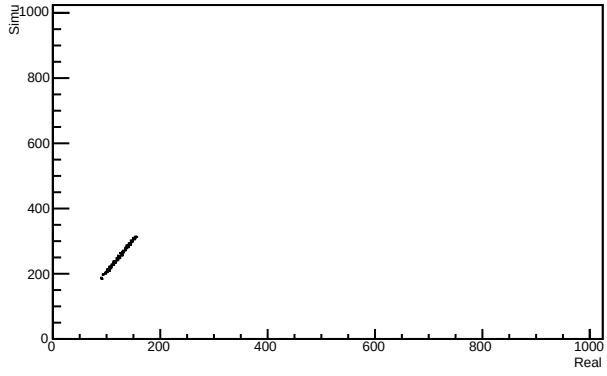

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 7876712
3.54592e+06
3.50946e+06
392437
428899
East
West


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

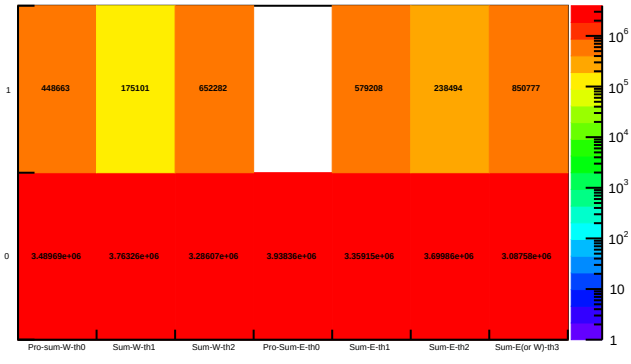
VT201 Input Ch2: ZDC Tac Diff



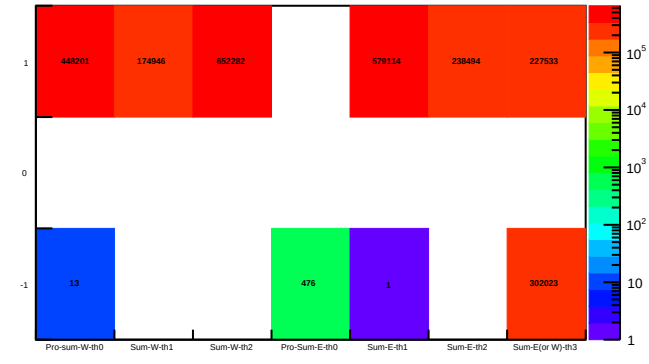
VT201 Input Ch2: ZDC Tac Diff



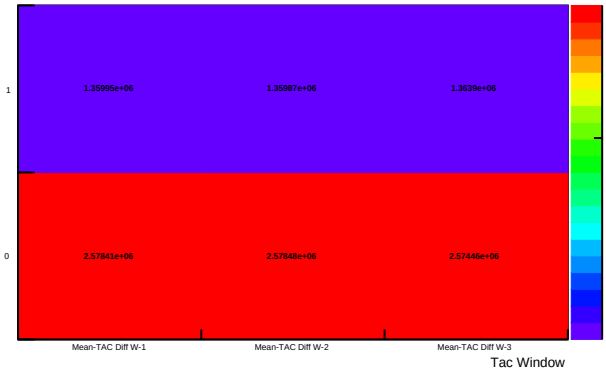
VT201 Input Ch2: ZDC Adc Sum Th



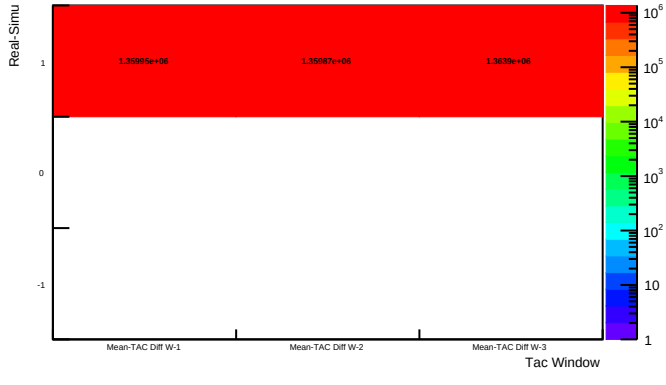
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



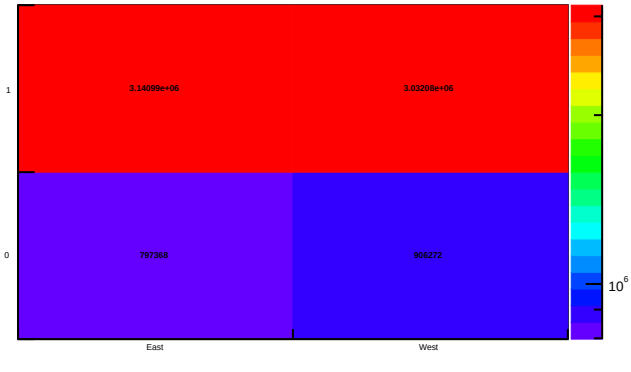
VT201 Input Ch4: VPD Tac Diff



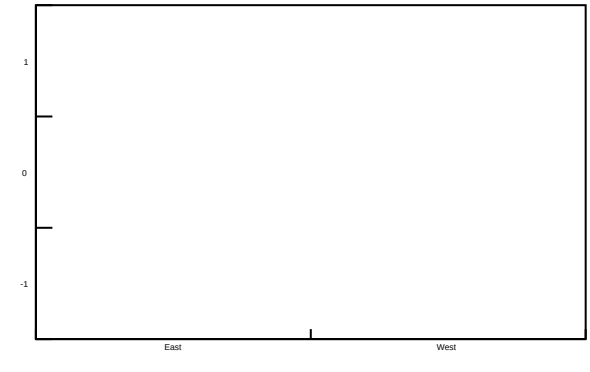
VT201 Input Ch4: VPD Tac Diff

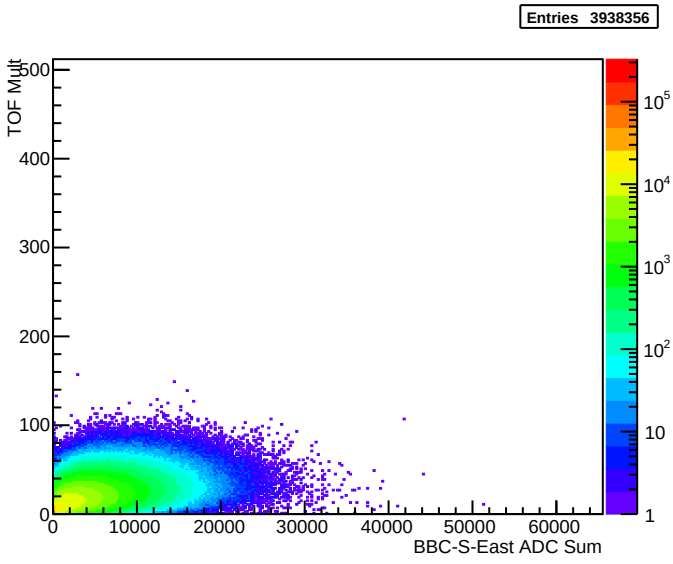


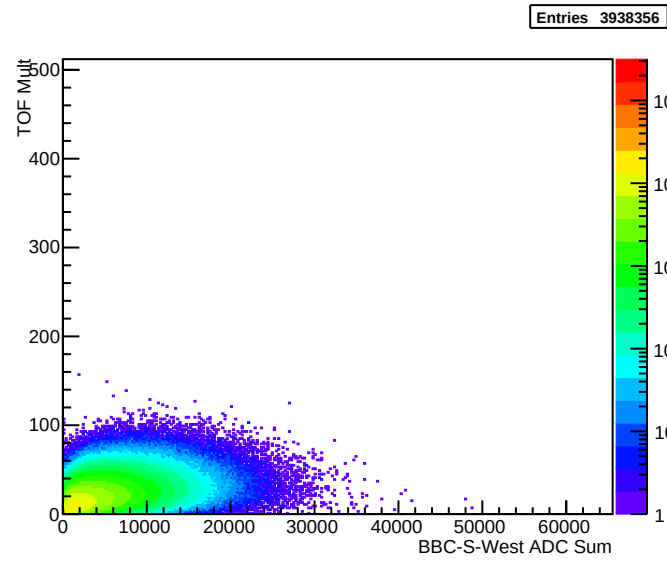
VT201 Input Ch4: VPD Adc Sum Th

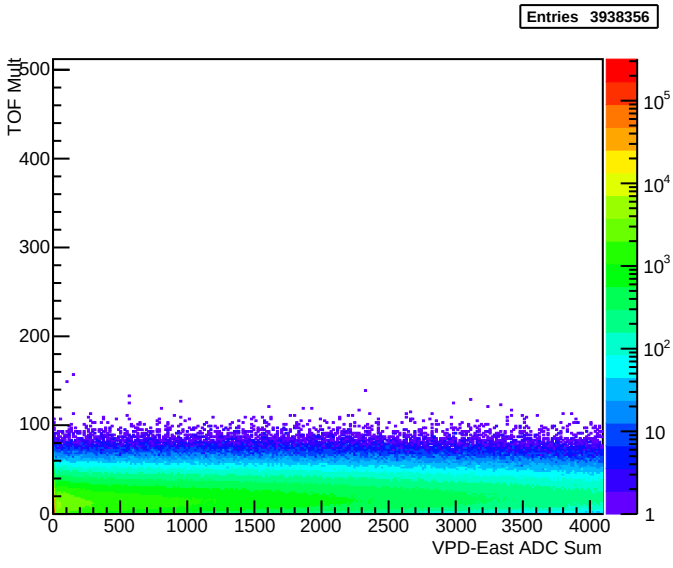


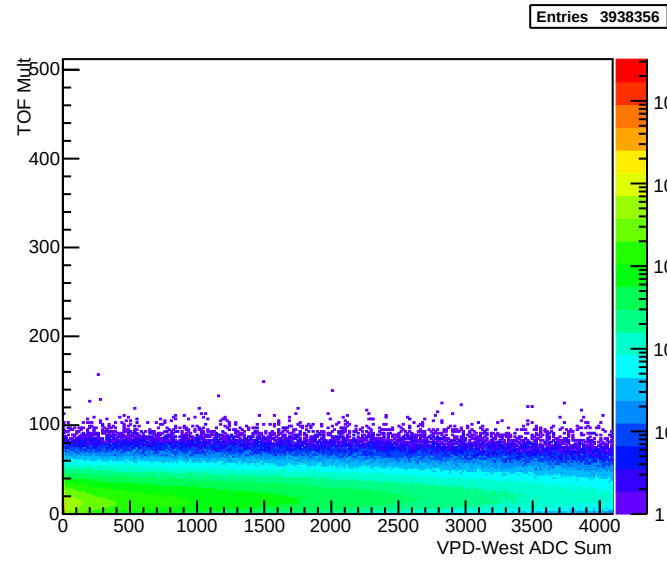
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

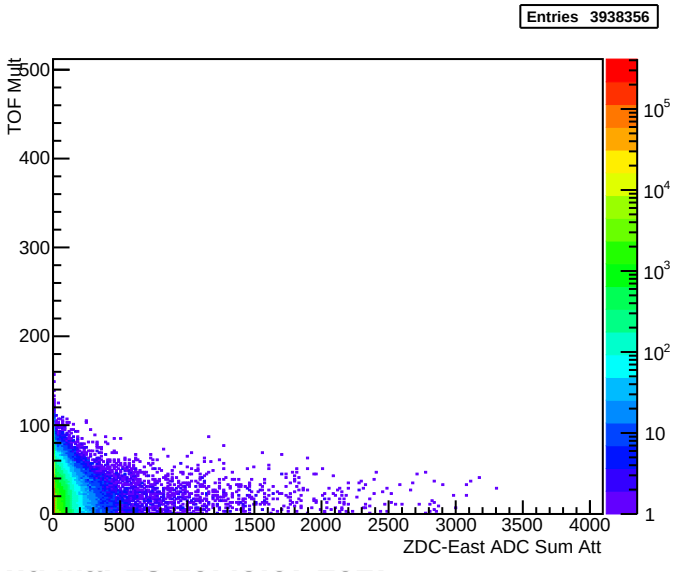


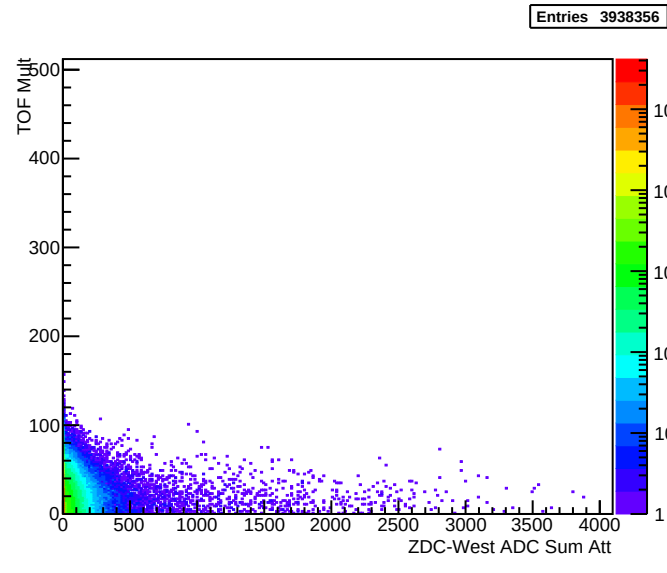

Entries 3938356
TOF Mult
BBC-S-East ADC Sum

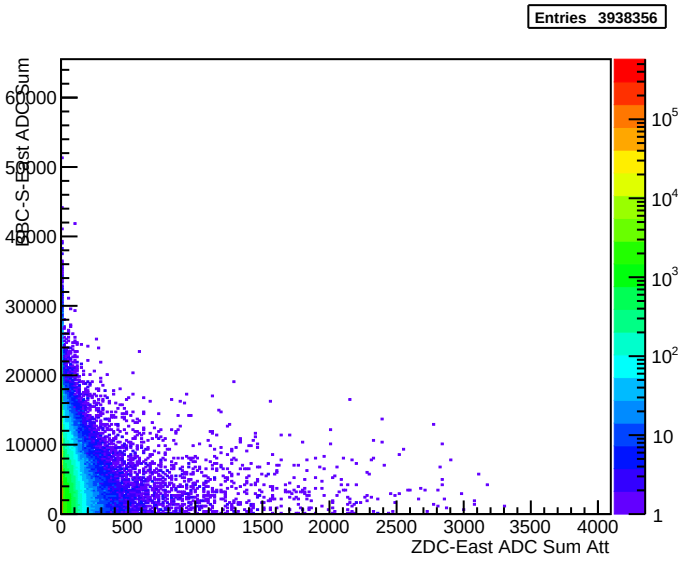

Entries 3938356
TOF Mult
BBC-S-West ADC Sum

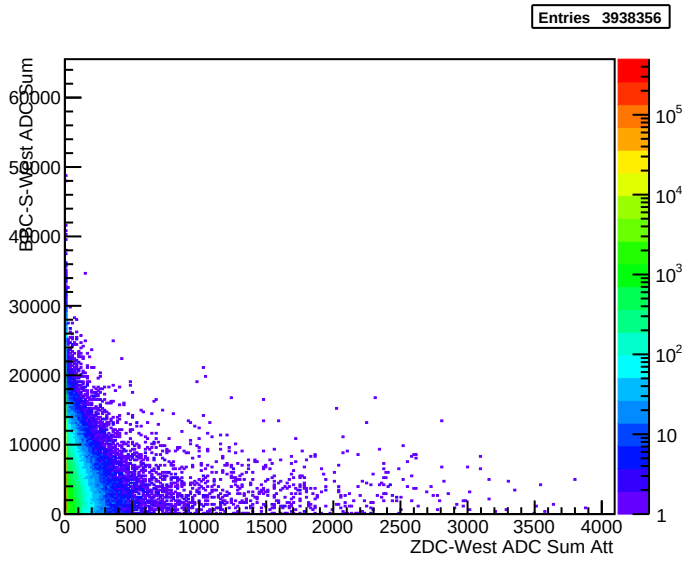

Entries 3938356
TOF Mult
VPD-East ADC Sum

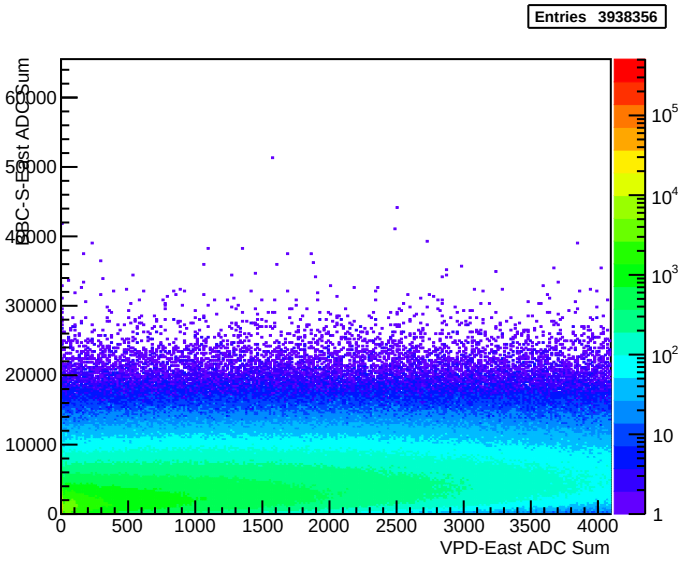

Entries 3938356
TOF Mult
VPD-West ADC Sum

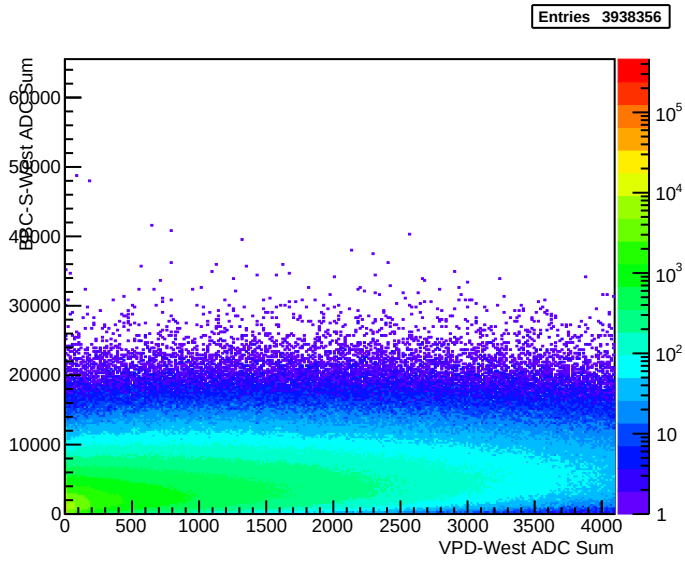

Entries 3938356
TOF Mult
ZDC-East ADC Sum Att

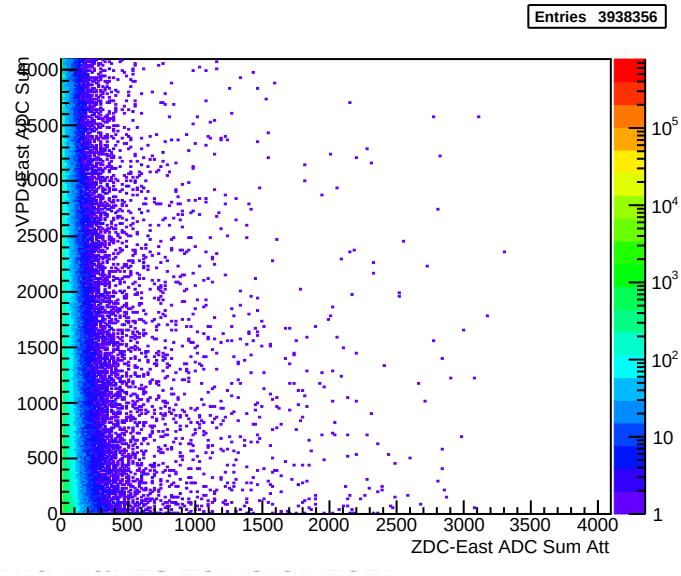

Entries 3938356
TOF Mult
ZDC-West ADC Sum Att

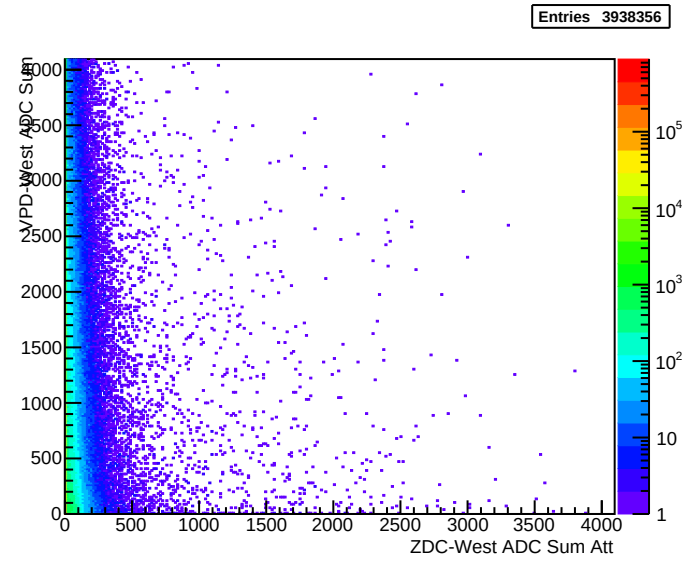

Entries 3938356
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

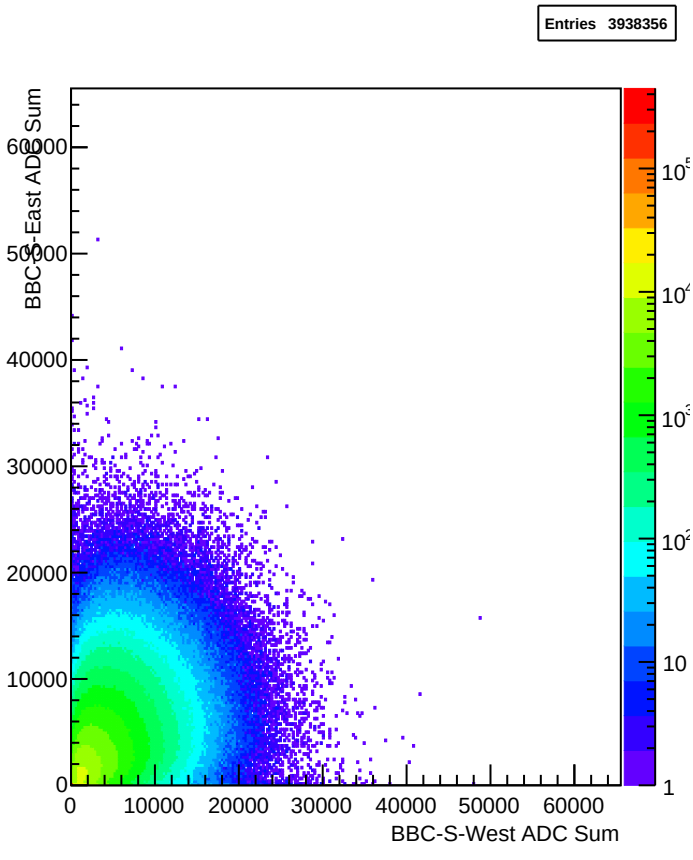

Entries 3938356
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

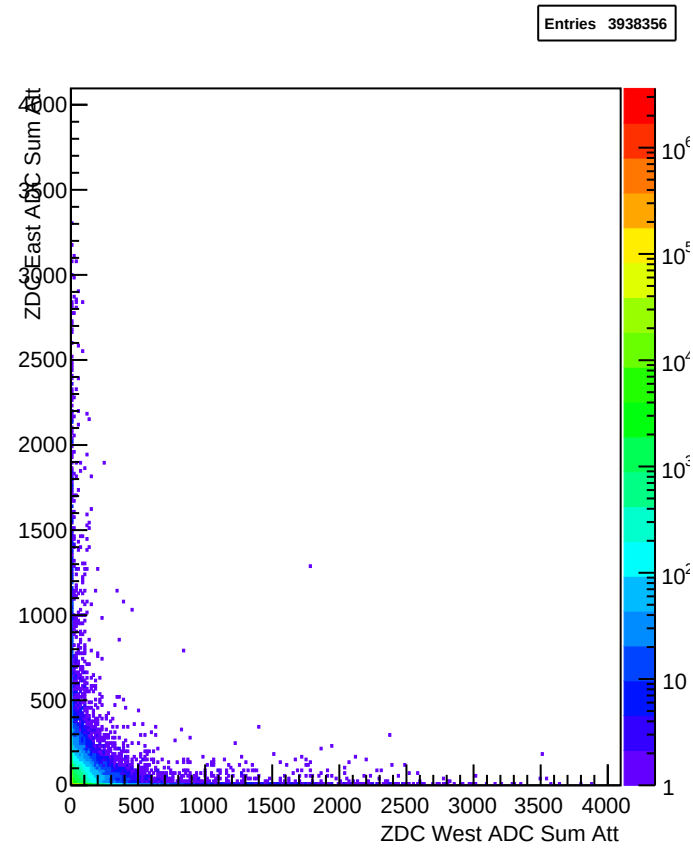

Entries 3938356
BBC-S-East ADC Sum
VPD-East ADC Sum

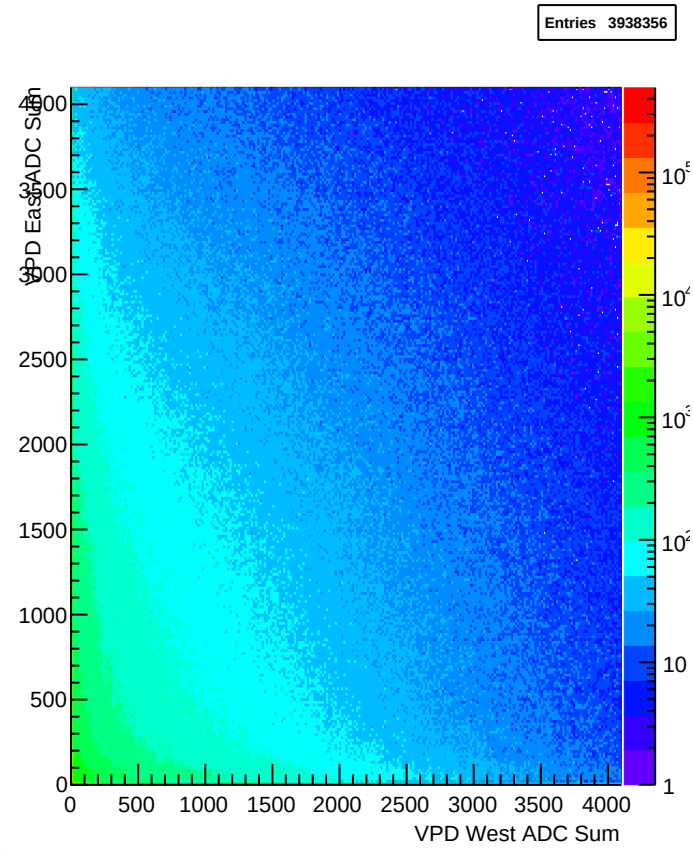

Entries 3938356
BBC-S-West ADC Sum
VPD-West ADC Sum

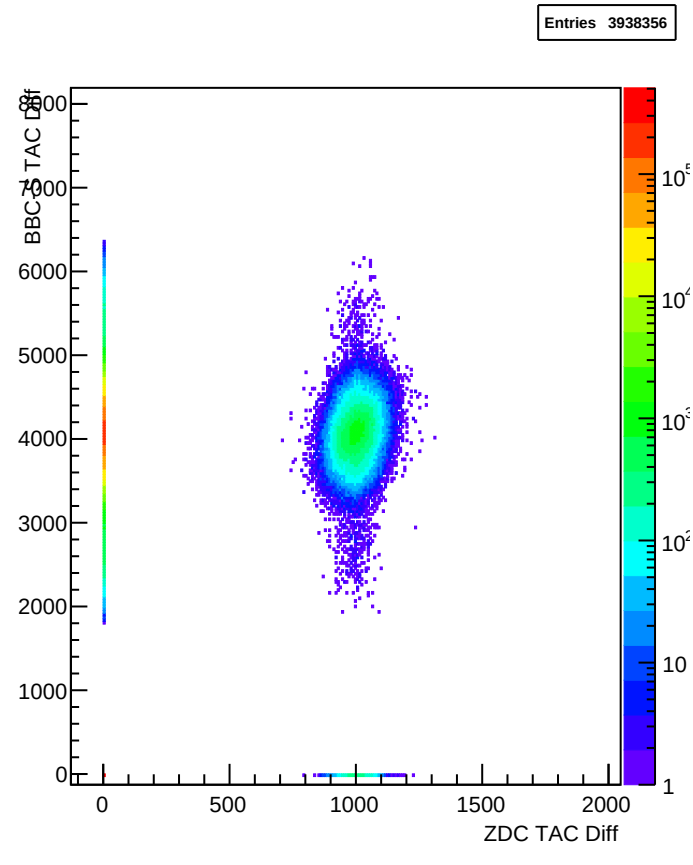

Entries 3938356
VPD-East ADC Sum
ZDC-East ADC Sum Att

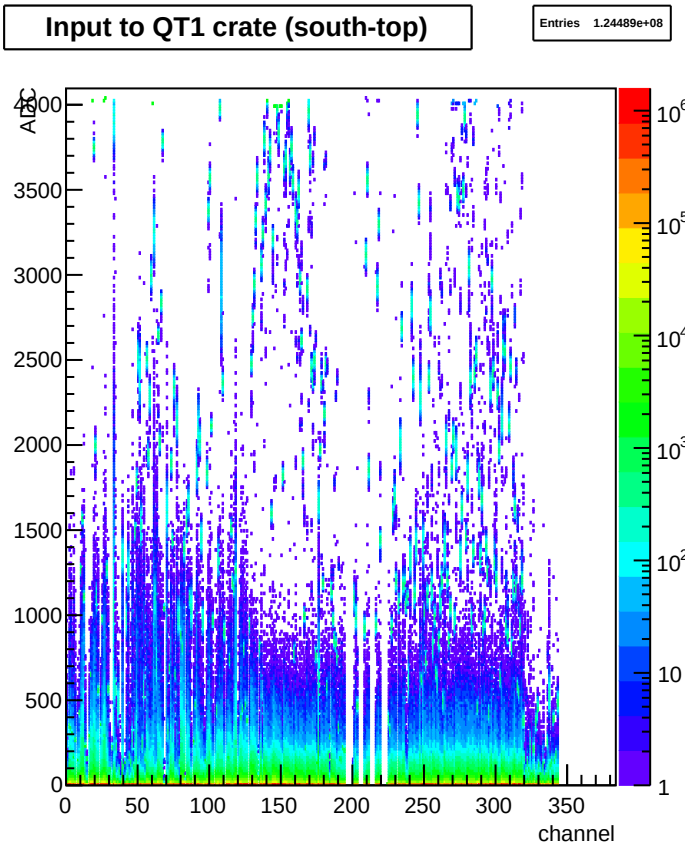

Entries 3938356
VPD-West ADC Sum
ZDC-West ADC Sum Att

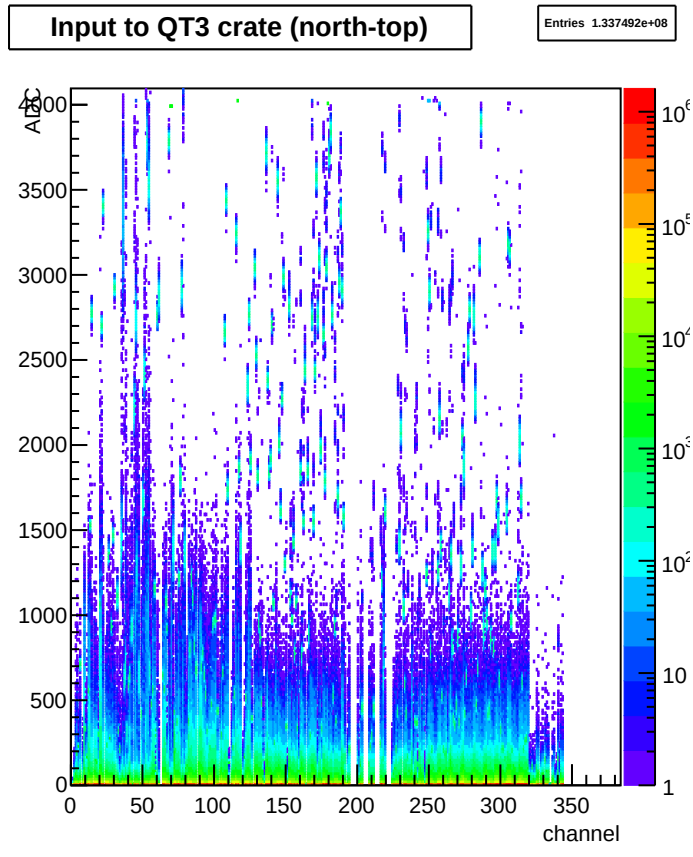

Entries 3938356
BBC-S-East ADC Sum
BBC-S-West ADC Sum

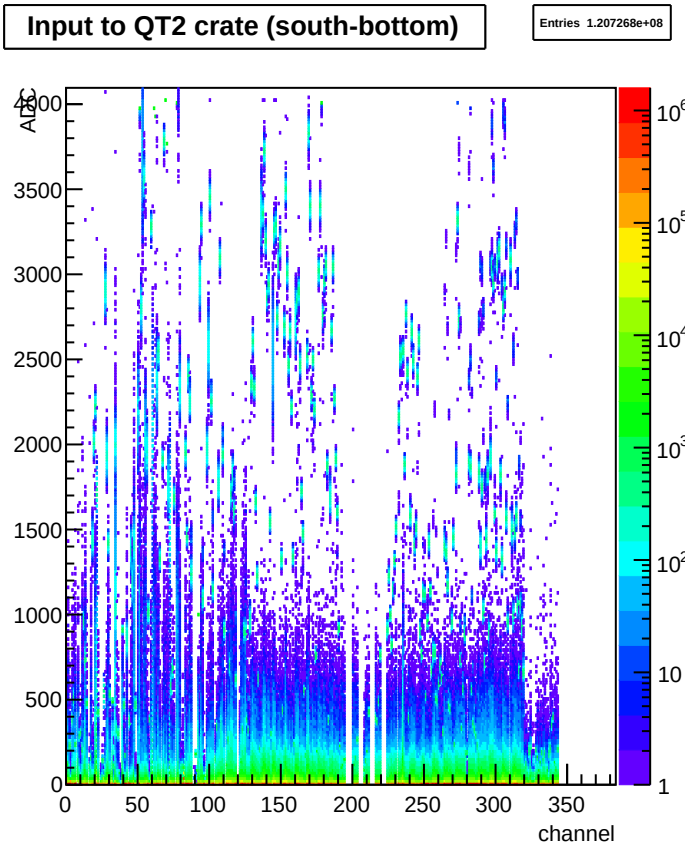

Entries 3938356
ZDC East ADC Sum Att
ZDC West ADC Sum Att

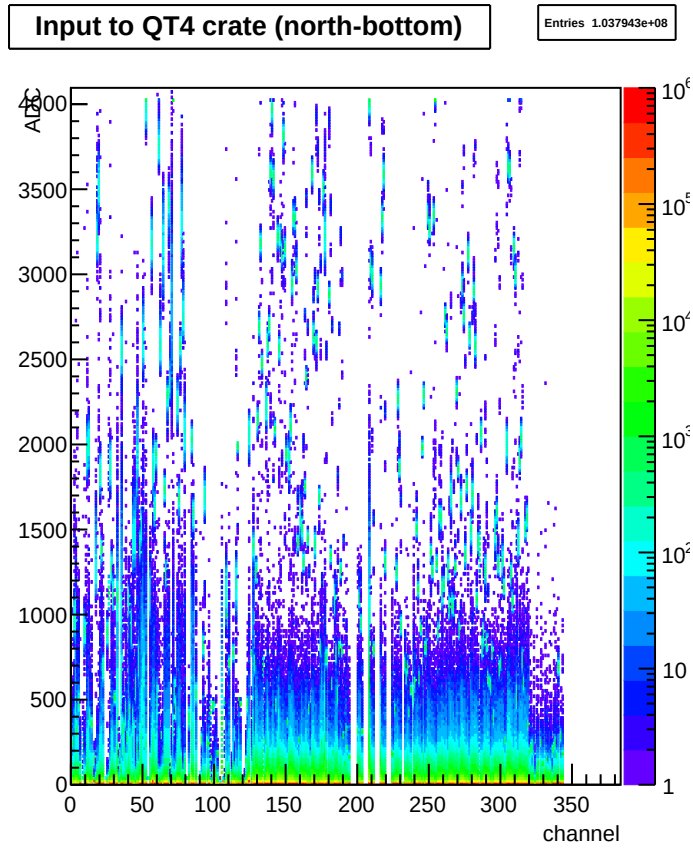

Entries 3938356
VPD East ADC Sum
VPD West ADC Sum

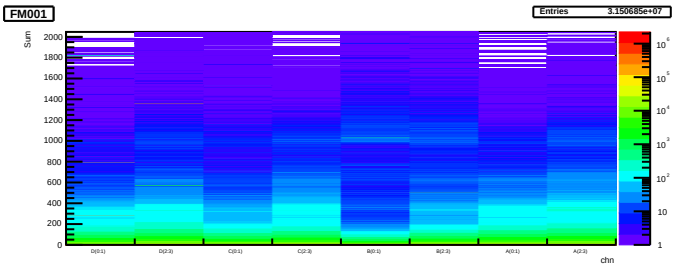

Entries 3938356
BBC-S TAC Diff
ZDC TAC Diff

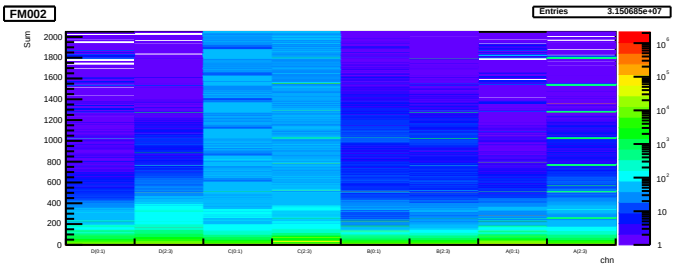

Input to QT1 crate (south-top)
Entries 1.24489e+08
ADC
channel

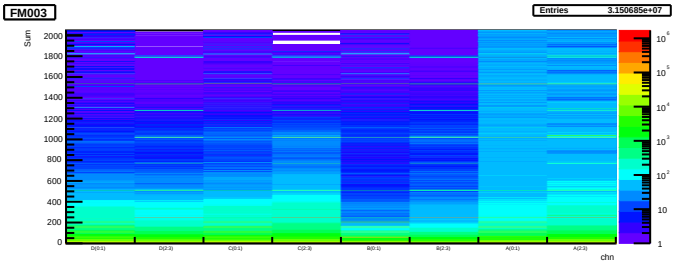

Input to QT3 crate (north-top)
Entries 1.337492e+08
ADC
channel

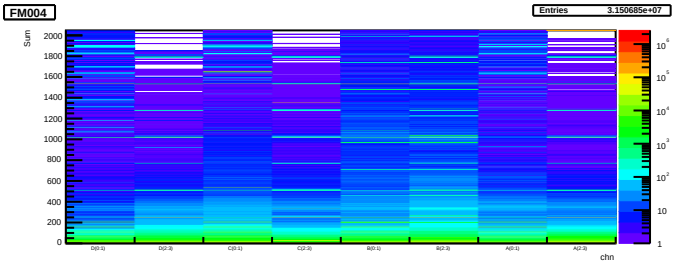

Input to QT2 crate (south-bottom)
Entries 1.207268e+08
ADC
channel

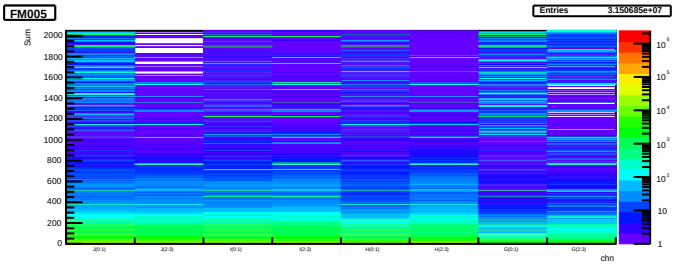

Input to QT4 crate (north-bottom)
Entries 1.037943e+08
ADC
channel

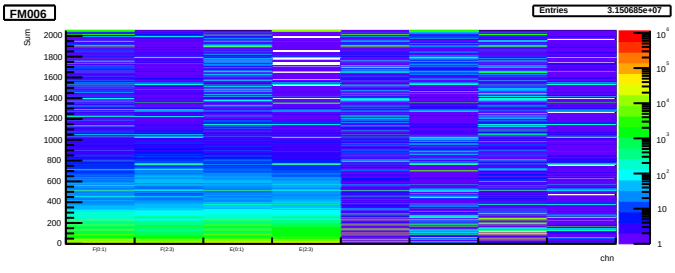

FM001
Entries 3.150685e+07
Sum
chn


FM002
Entries 3.150685e+07
Sum
chn


FM003
Entries 3.150685e+07
Sum
chn


FM004
Entries 3.150685e+07
Sum
chn


FM005
Entries 3.150685e+07
Sum
chn


FM006
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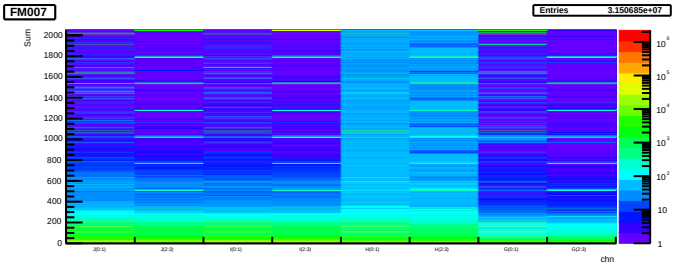
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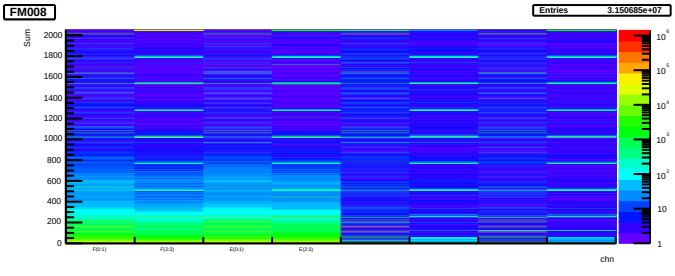
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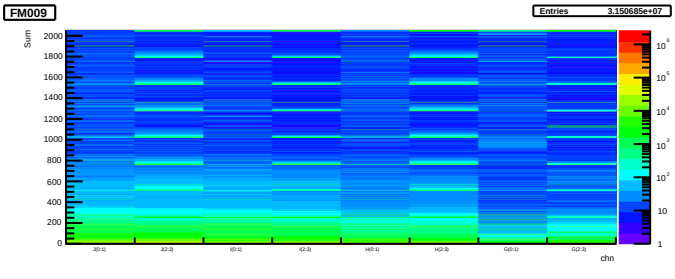
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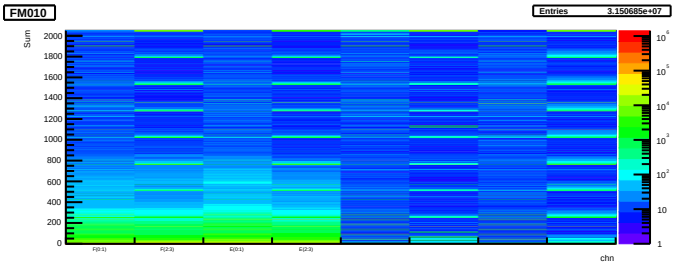
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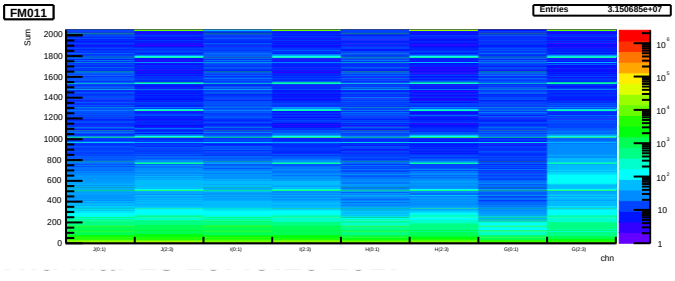
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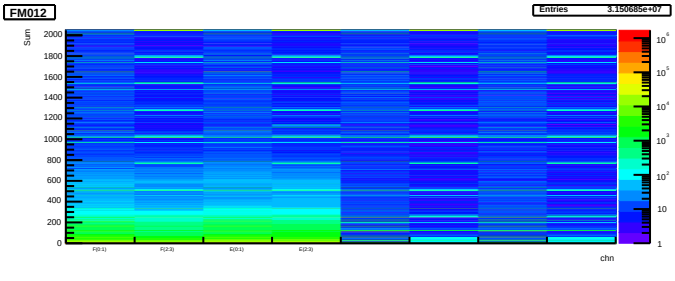
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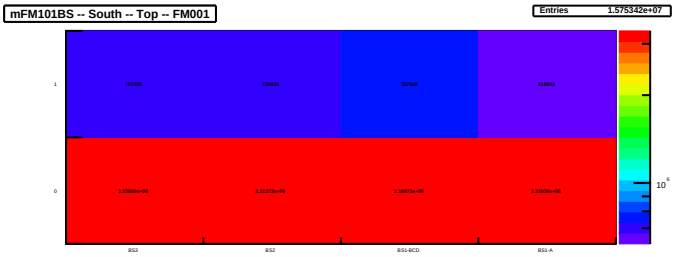
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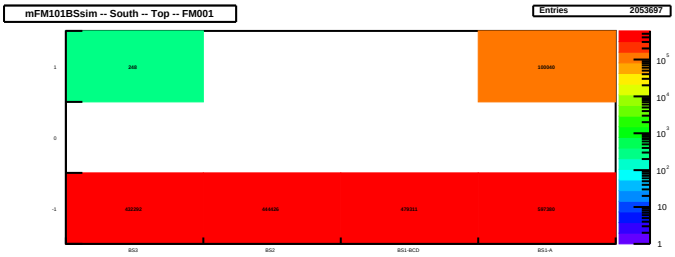
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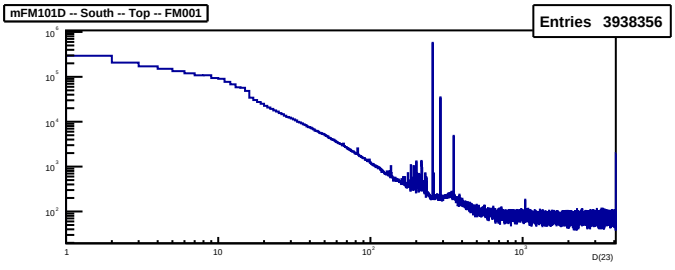
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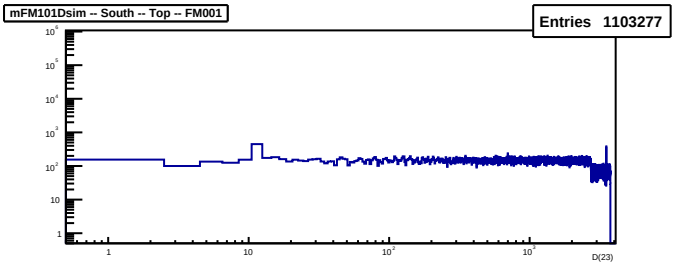
Entries 3938356
D(23)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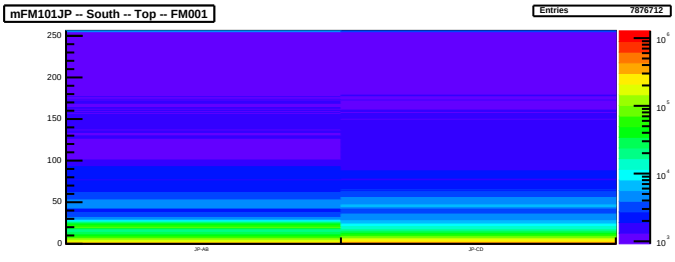
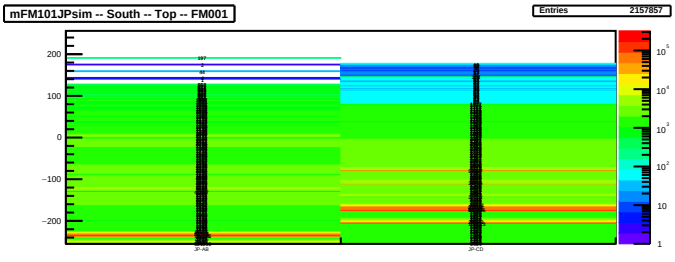
Entries 1103277
D(23)


mFM101JP -- South -- Top -- FM001
Entries 7876712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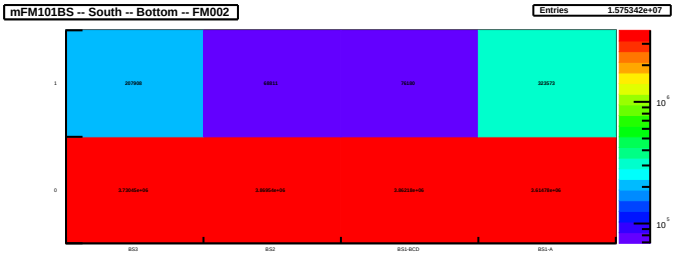
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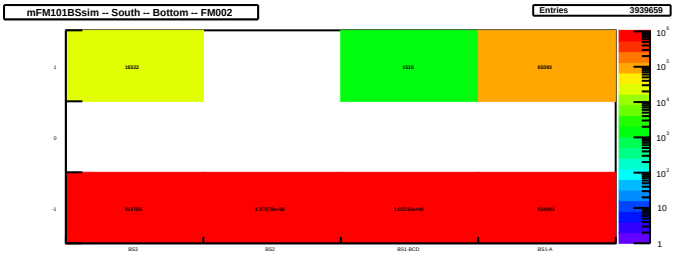
Entries 1.575342e+07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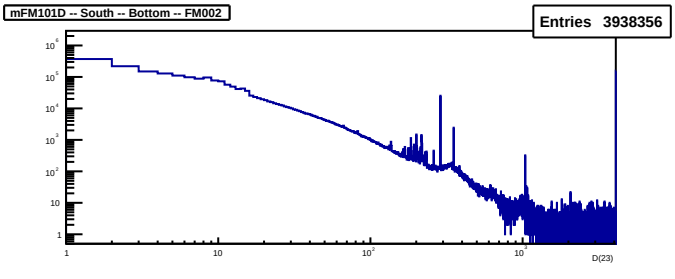
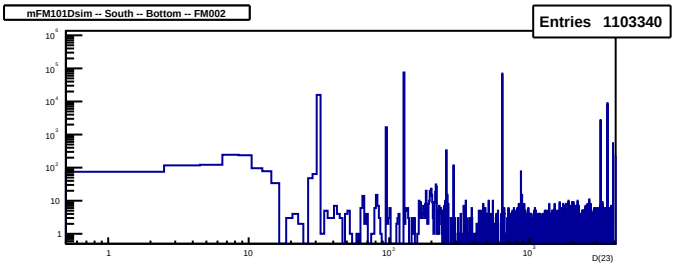

mFM101D -- South -- Bottom -- FM002
Entries 3938356
D(23)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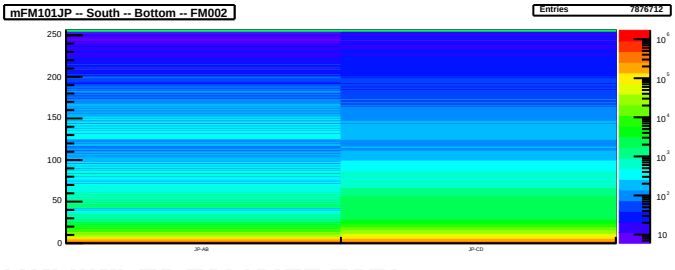
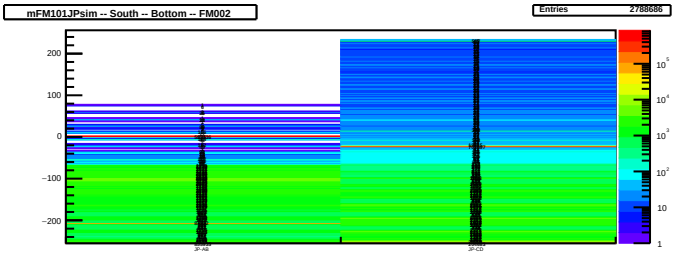

mFM101JP -- South -- Bottom -- FM002
Entries 7876712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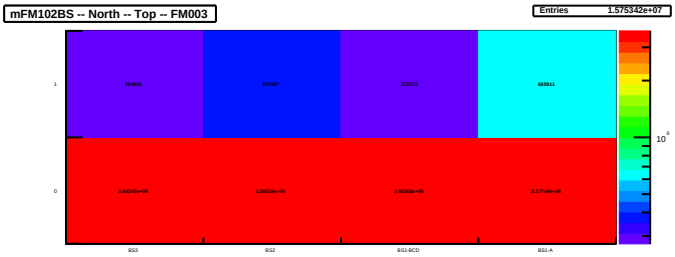
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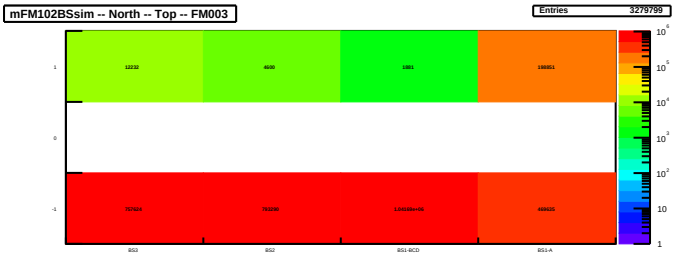
Entries 1.575342e+07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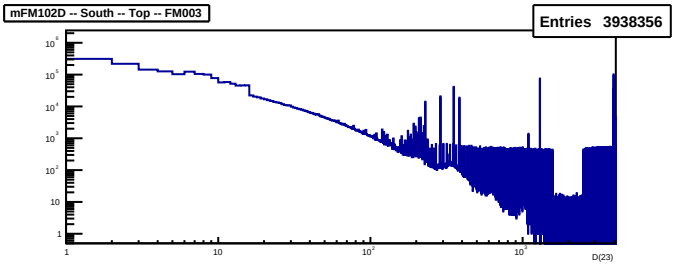
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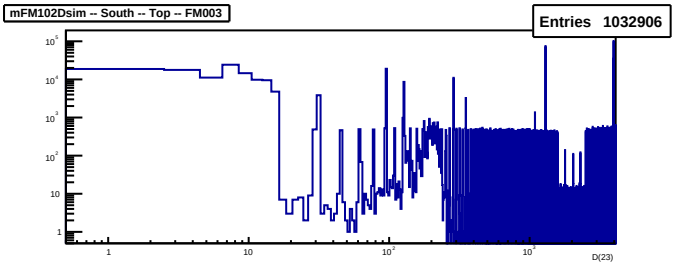
Entries 3938356
D(23)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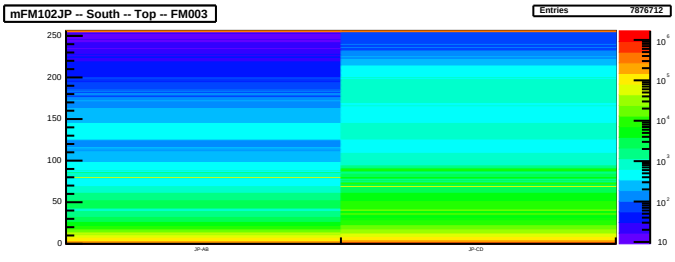
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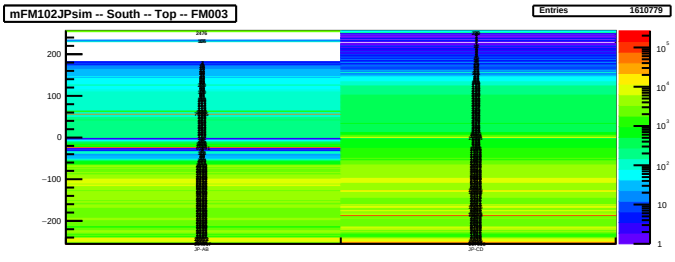
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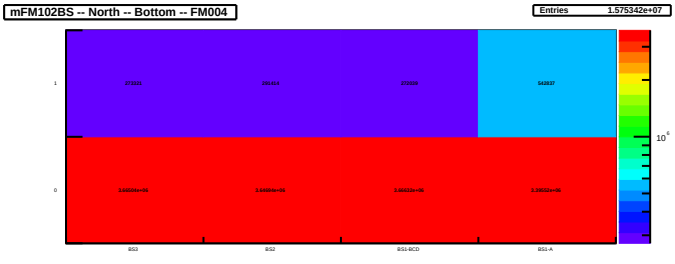
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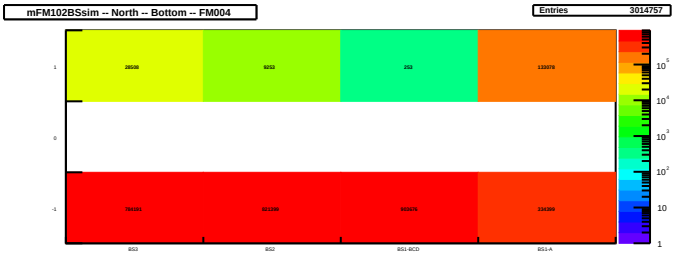
Entries 1.575342e+07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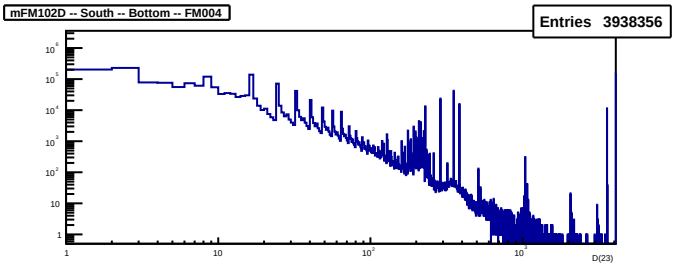
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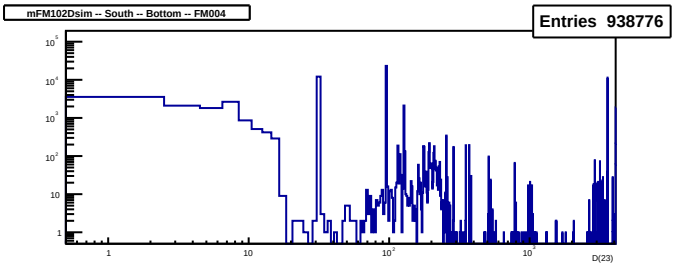
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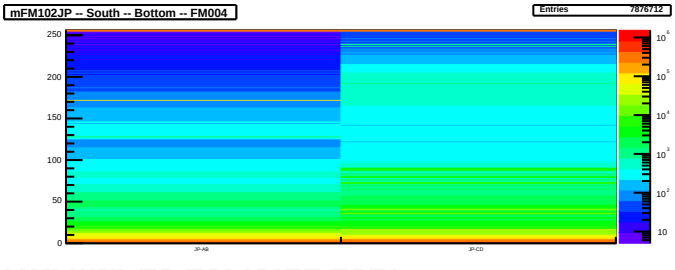
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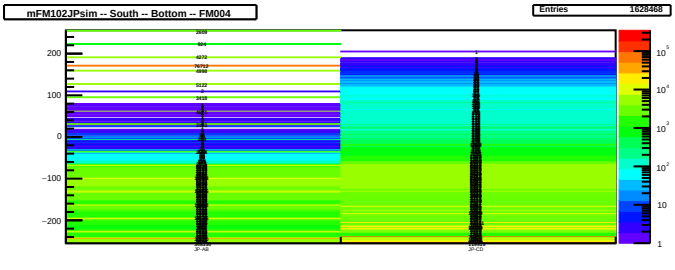
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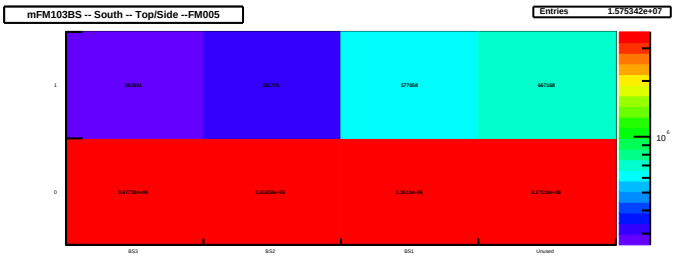
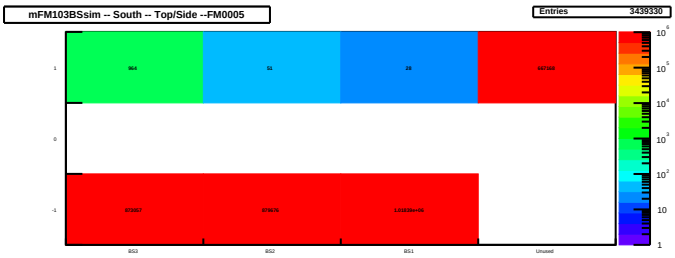

mFM103BS -- South -- Top/Side --FM005
Entries 1.575342e+07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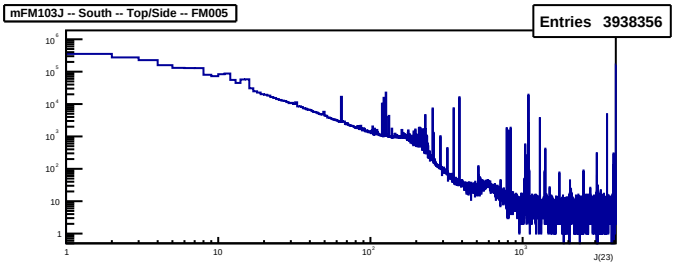
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Entries 3938356
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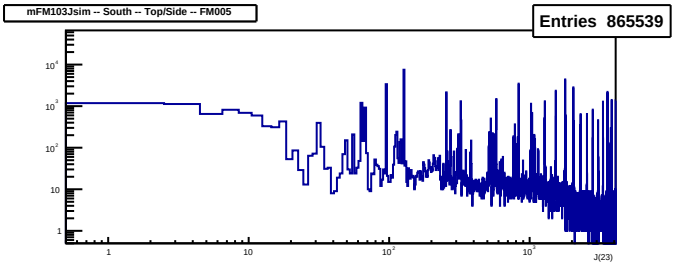
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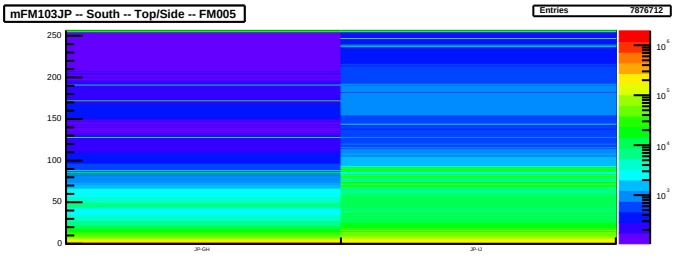
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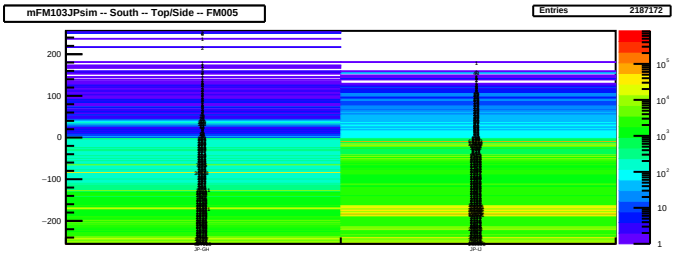
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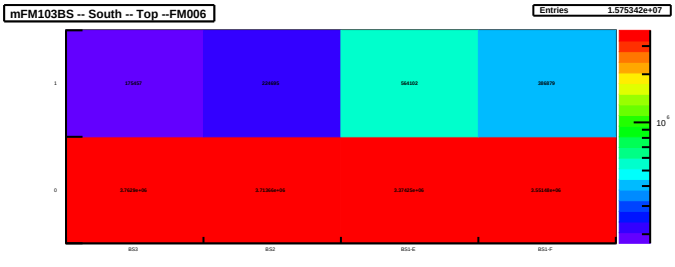
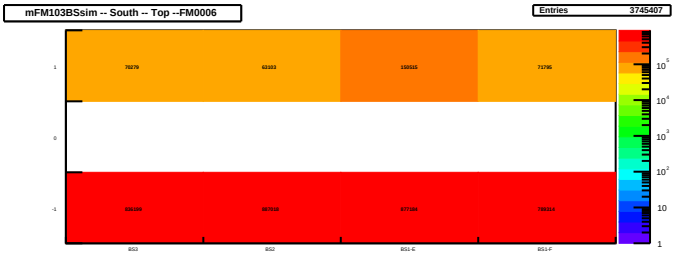

mFM103BS -- South -- Top --FM006
Entries 1.575342e+07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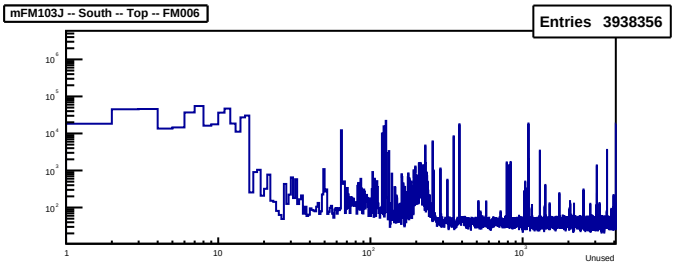
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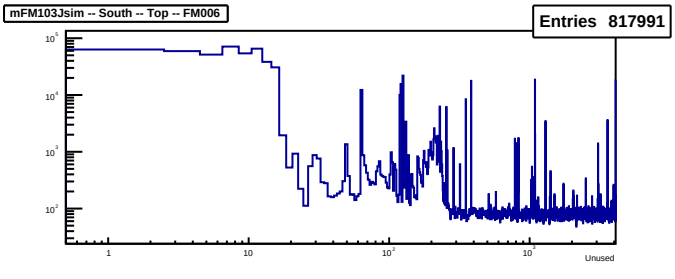
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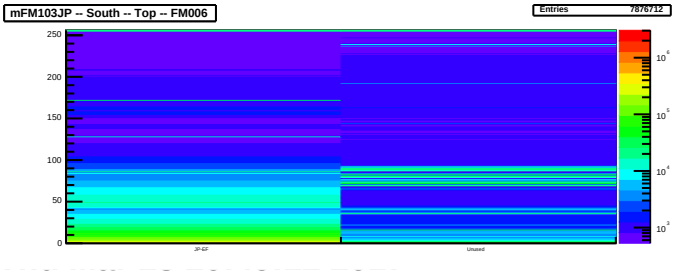
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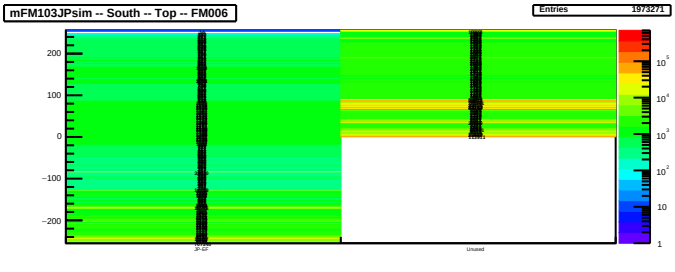
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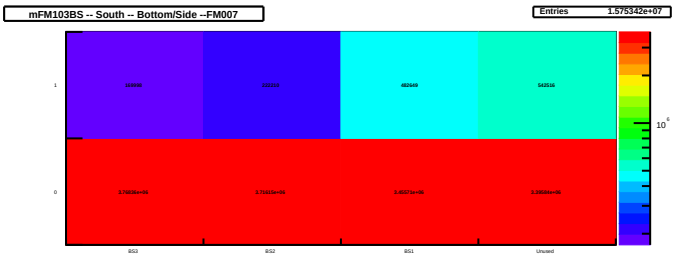
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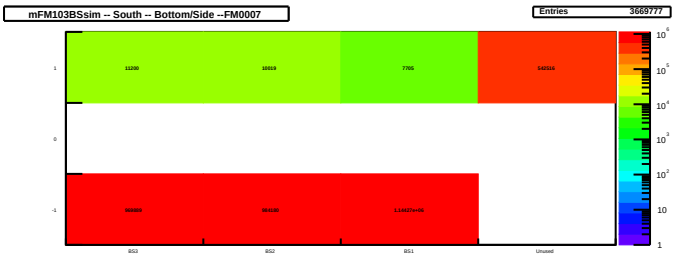
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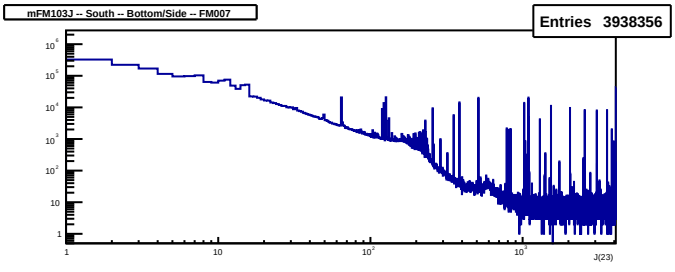
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Entries 3938356
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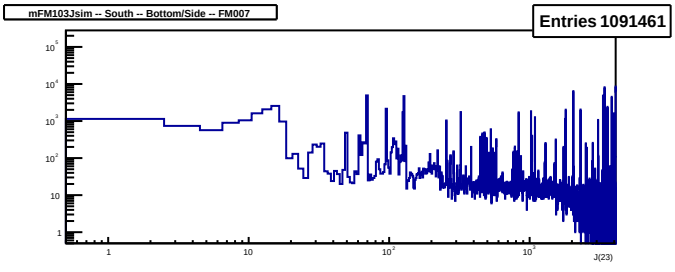
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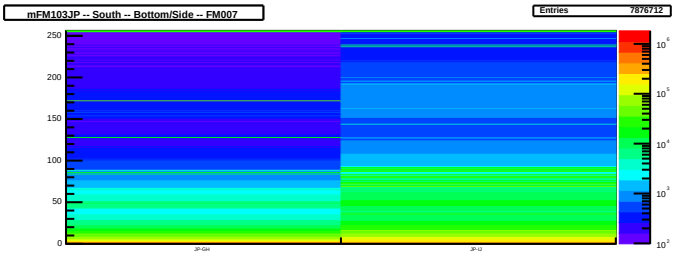
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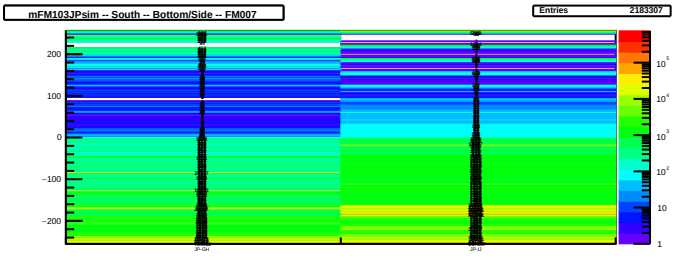
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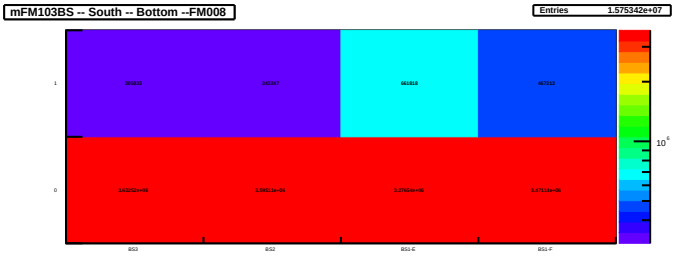
mFM103BS -- South -- Bottom --FM008
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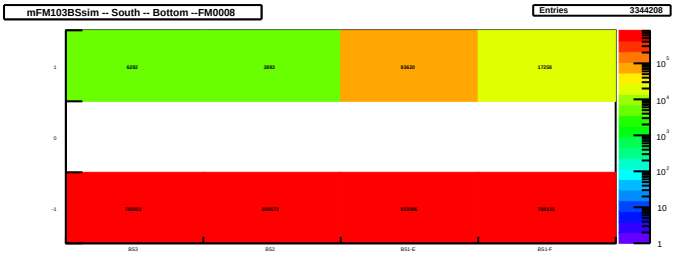
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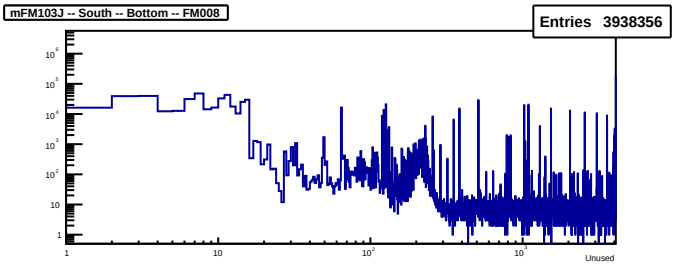
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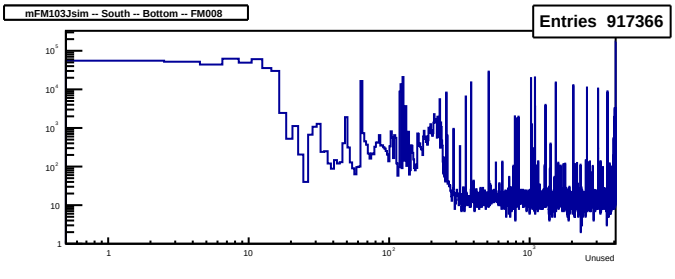
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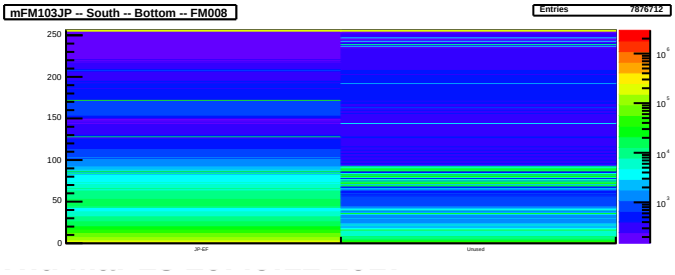
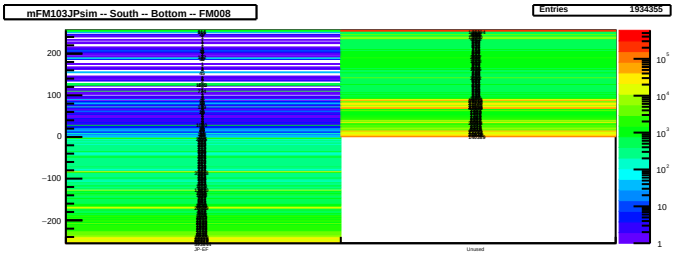
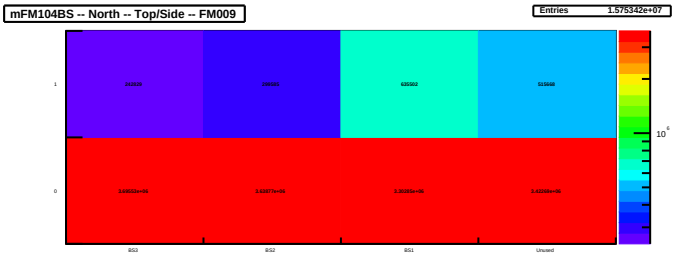
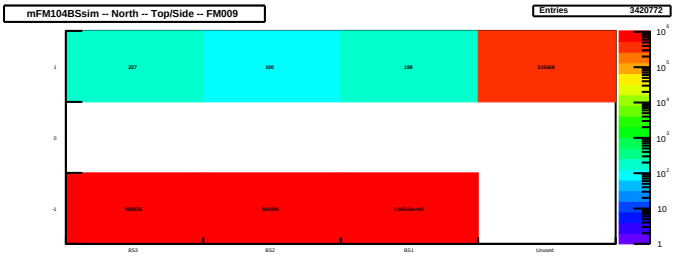

mFM103JP -- South -- Bottom -- FM008
Entries 7876712


mFM103JPsim -- South -- Bottom -- FM008
Entries 1934355


mFM104BS -- North -- Top/Side -- FM009
Entries 1.575342e+07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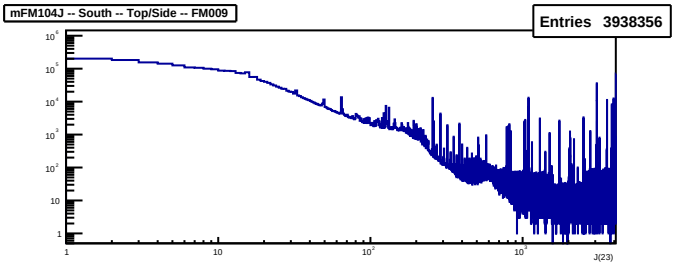
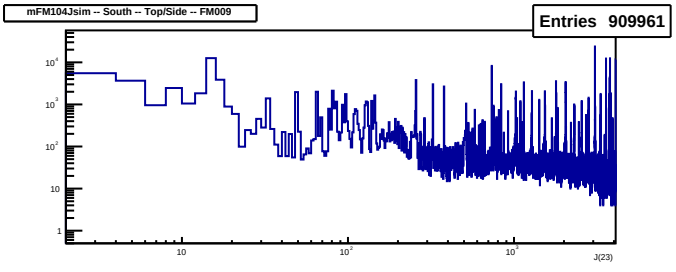
Entries 3420772


mFM104J -- South -- Top/Side -- FM009
Entries 3938356
J(23)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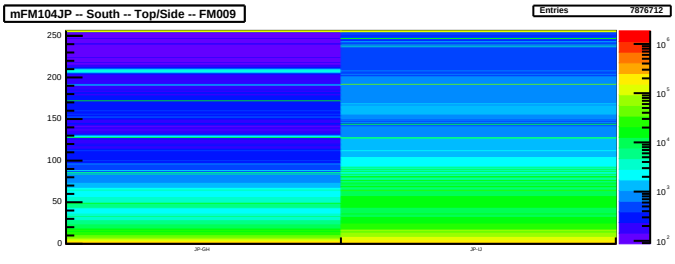
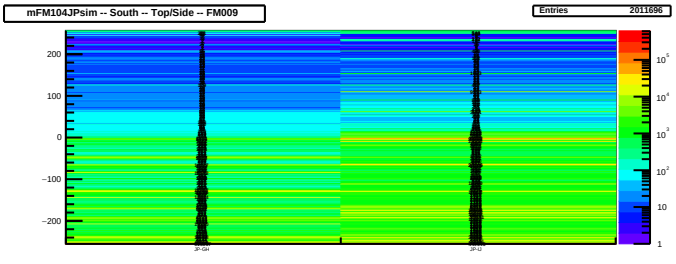
Entries 909961
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 7876712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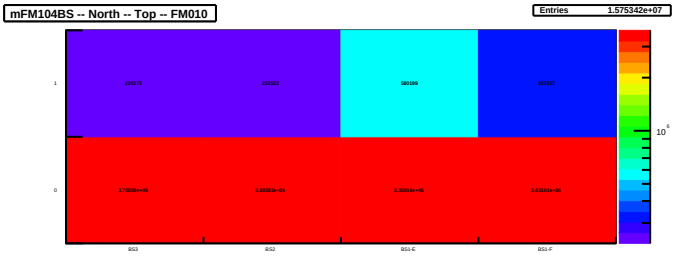
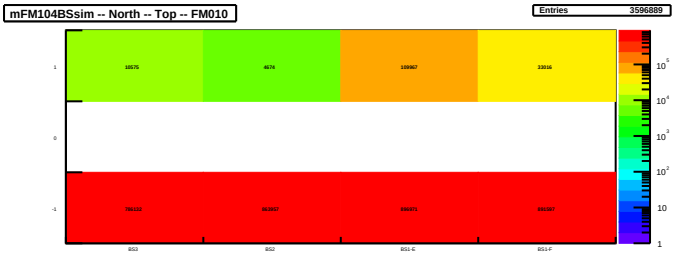
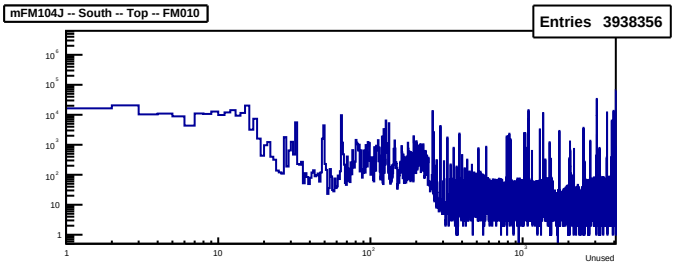
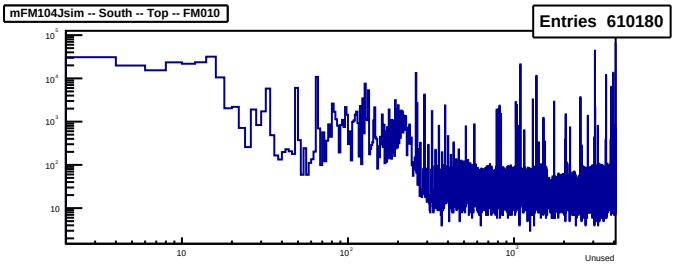
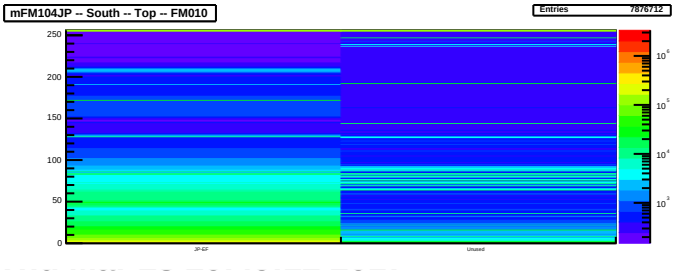
Entries 2011696

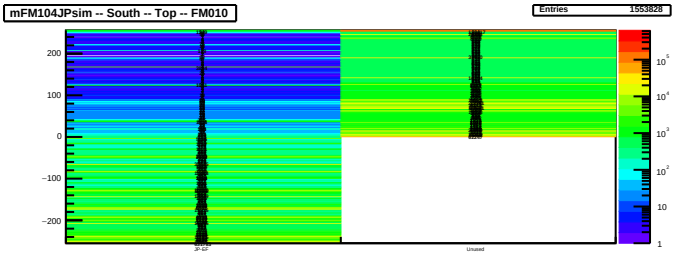

mFM104BS -- North -- Top -- FM010
Entries 1.575342e+07

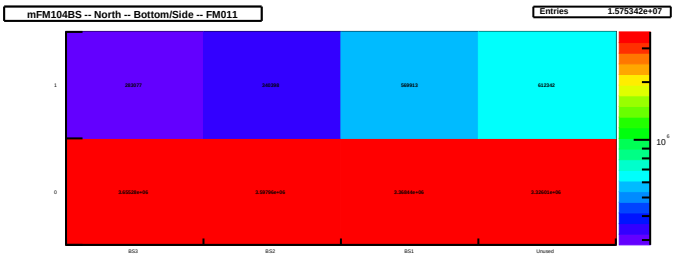

mFM104BSsim -- North -- Top -- FM010
Entries 3596889

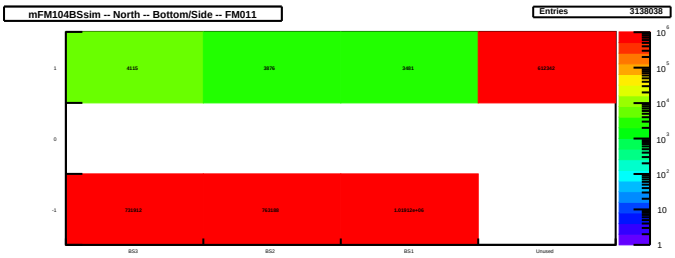

mFM104J -- South -- Top -- FM010
Entries 3938356
Unused

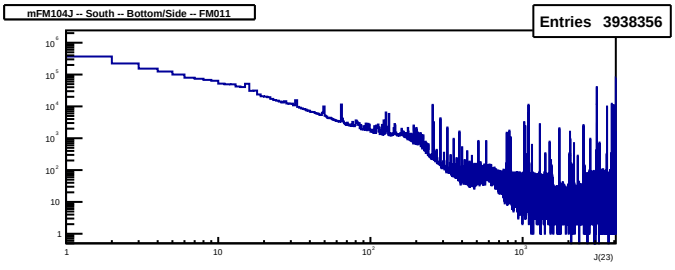

mFM104Jsim -- South -- Top -- FM010
Entries 610180
Unused

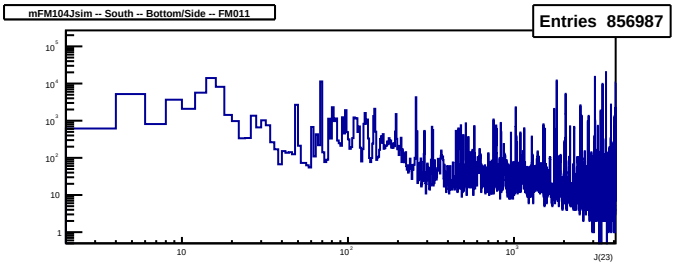

mFM104JP -- South -- Top -- FM010
Entries 7876712

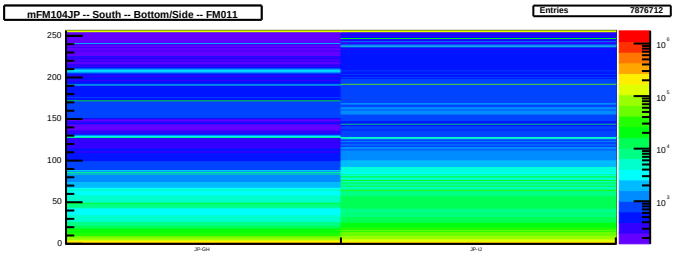

mFM104JPsim -- South -- Top -- FM010
Entries 1553828

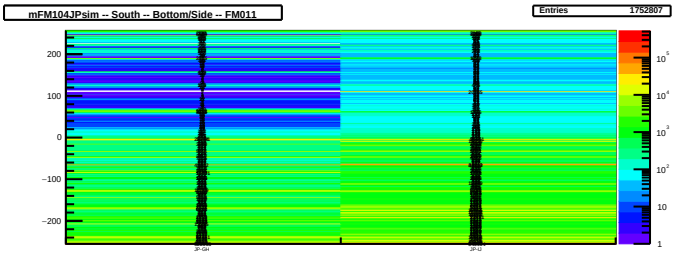

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.575342e+07

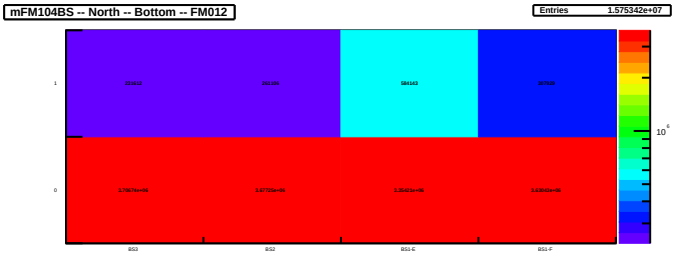

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 3138038

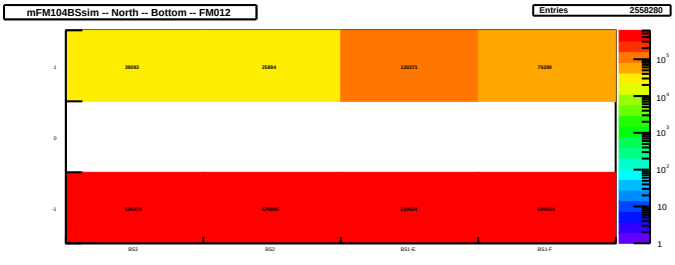

mFM104J -- South -- Bottom/Side -- FM011
Entries 3938356
J(23)

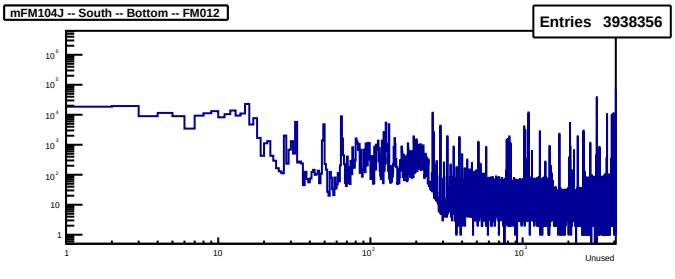

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 856987
J(23)

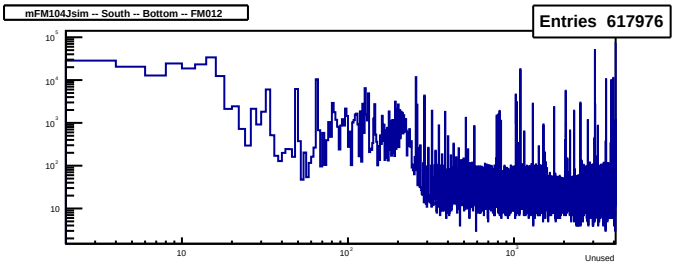

mFM104JP -- South -- Bottom/Side -- FM011
Entries 7876712

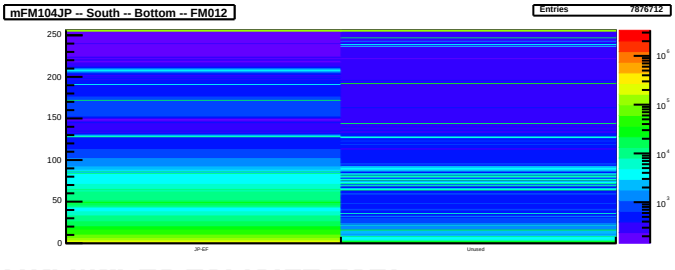

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 1752807

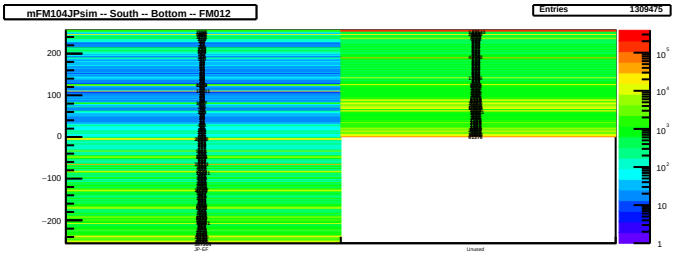

mFM104BS -- North -- Bottom -- FM012
Entries 1.575342e+07

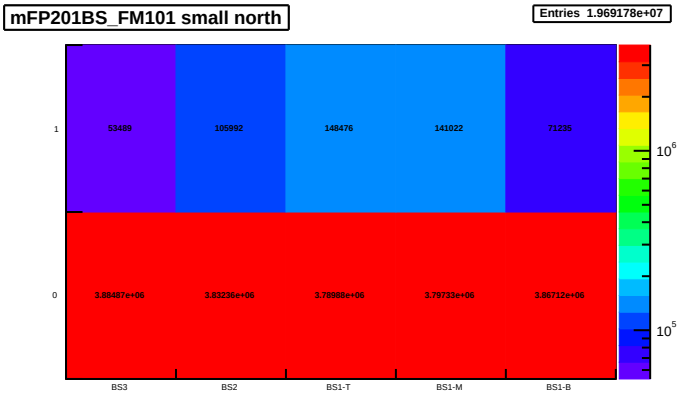

mFM104BSsim -- North -- Bottom -- FM012
Entries 2558280

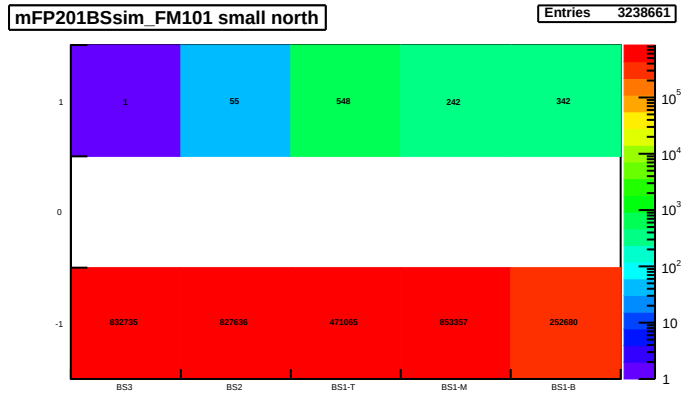

mFM104J -- South -- Bottom -- FM012
Entries 3938356
Unused

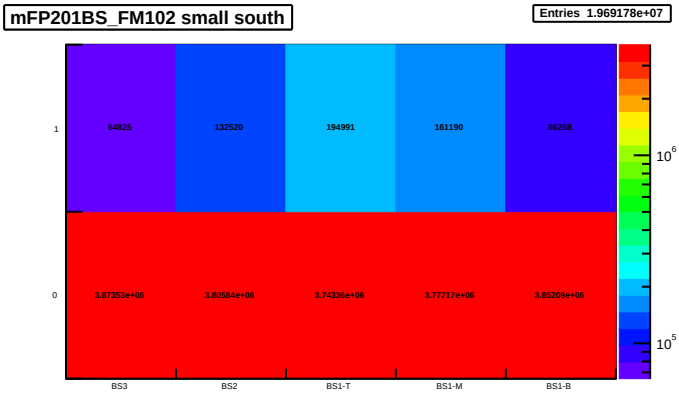

mFM104Jsim -- South -- Bottom -- FM012
Entries 617976
Unused

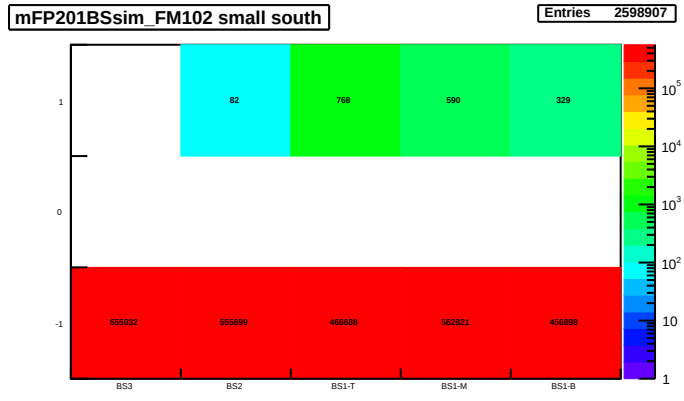

mFM104JP -- South -- Bottom -- FM012
Entries 7876712

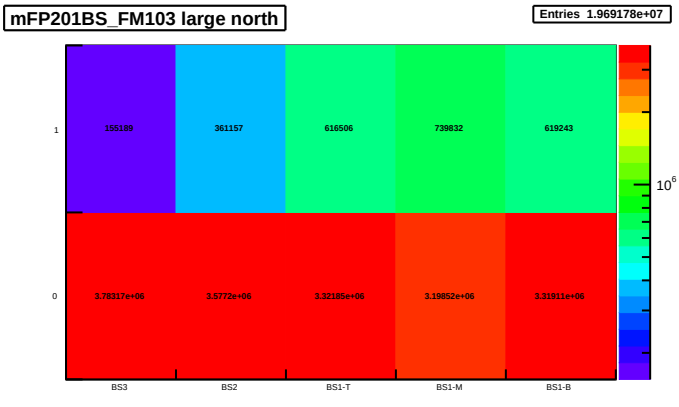

mFM104JPsim -- South -- Bottom -- FM012
Entries 1309475

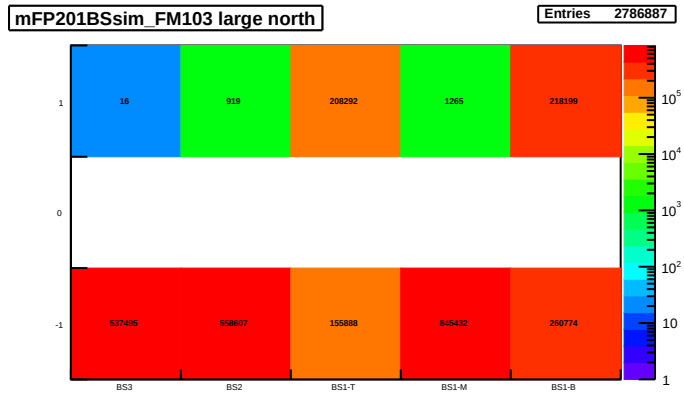

mFP201BS_FM101 small north
Entries 1.969178e+07
53489
105992
148476
141022
71235
3.88487e+06
3.83236e+06
3.78988e+06
3.79733e+06
3.86712e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

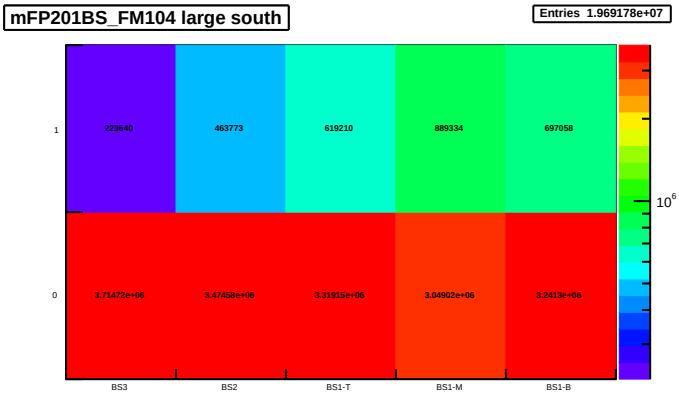

mFP201BSsim_FM101 small north
Entries 3238661
1
55
548
242
342
832735
827636
471065
853357
252680
BS3
BS2
BS1-T
BS1-M
BS1-B

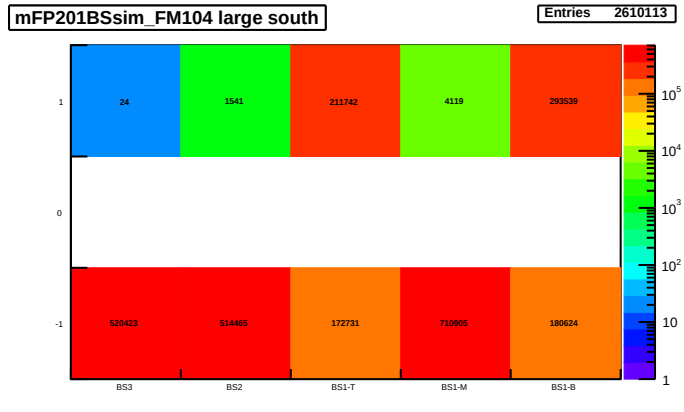

mFP201BS_FM102 small south
Entries 1.969178e+07
64825
132520
194991
161190
86268
3.87353e+06
3.80584e+06
3.74336e+06
3.77717e+06
3.85209e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

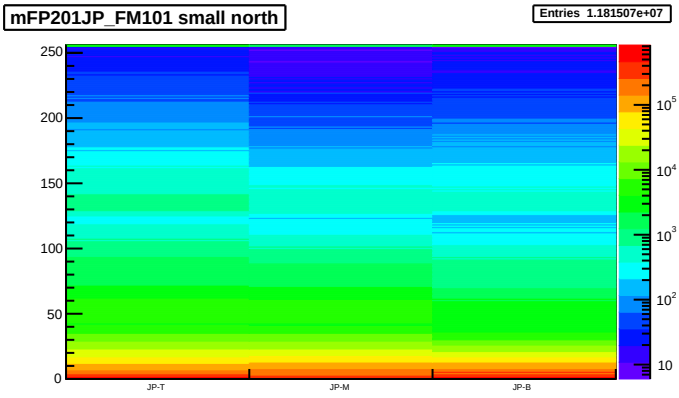

mFP201BSsim_FM102 small south
Entries 2598907
82
768
590
329
555032
555699
466688
562821
456898
BS3
BS2
BS1-T
BS1-M
BS1-B

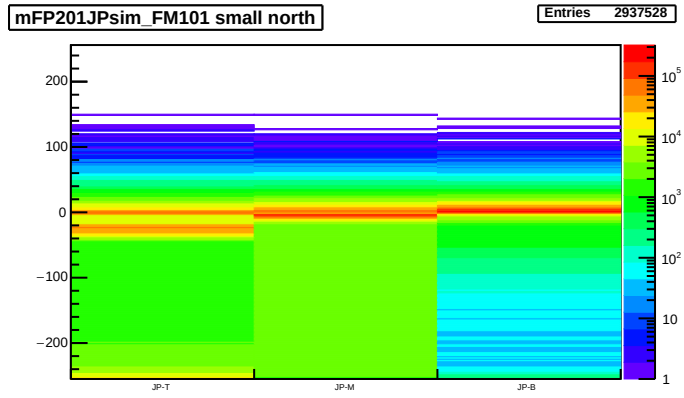

mFP201BS_FM103 large north
Entries 1.969178e+07
155189
361157
616506
739832
619243
3.78317e+06
3.5772e+06
3.32185e+06
3.19852e+06
3.31911e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

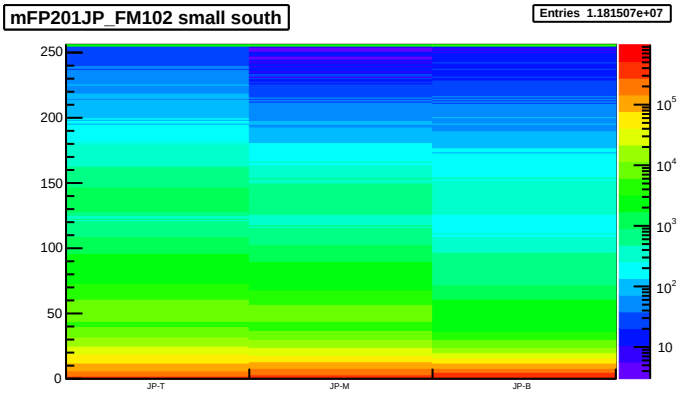

mFP201BSsim_FM103 large north
Entries 2786887
16
919
208292
1265
218199
537495
558607
155888
845432
260774
BS3
BS2
BS1-T
BS1-M
BS1-B

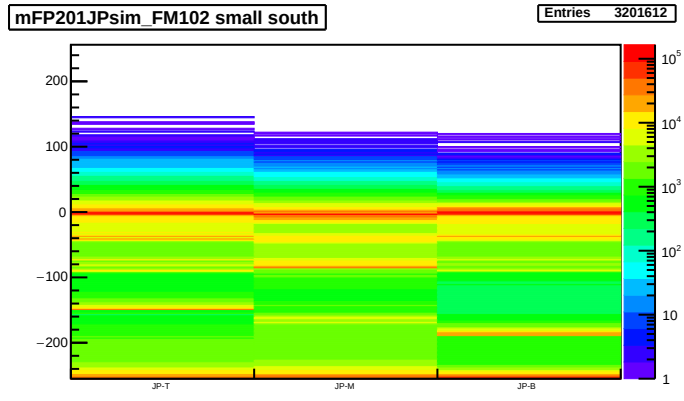

mFP201BS_FM104 large south
Entries 1.969178e+07
223640
463773
619210
889334
697058
3.71472e+06
3.47458e+06
3.31915e+06
3.04902e+06
3.2413e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

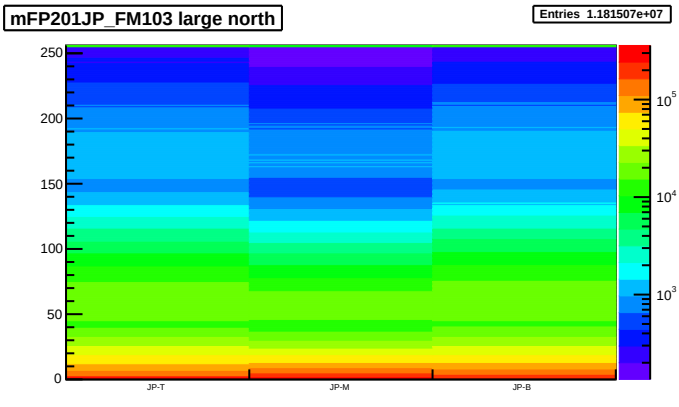

mFP201BSsim_FM104 large south
Entries 2610113
24
1541
211742
4119
293539
520423
514465
172731
710905
180624
BS3
BS2
BS1-T
BS1-M
BS1-B

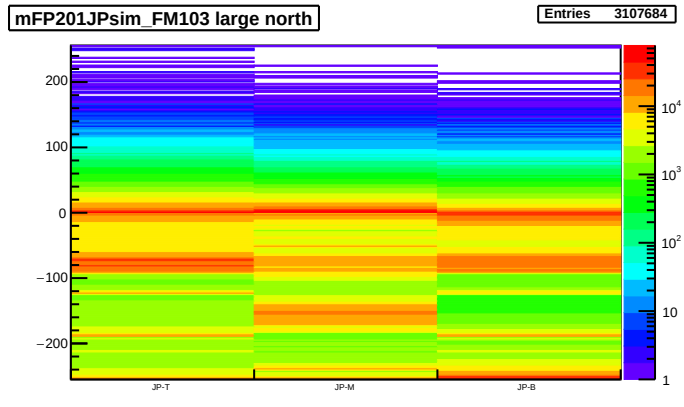

mFP201JP_FM101 small north
Entries 1.181507e+07
JP-T
JP-M
JP-B

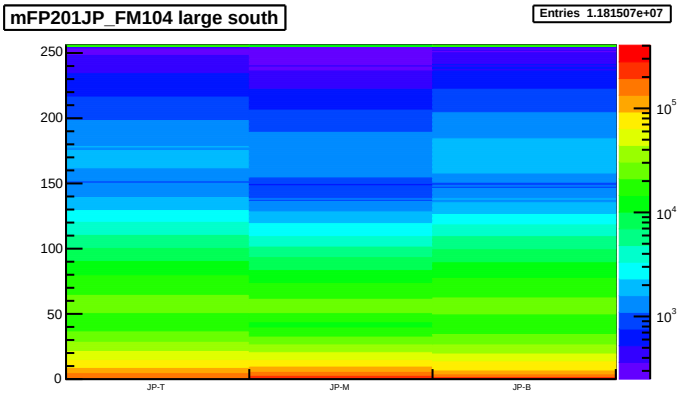

mFP201JPsim_FM101 small north
Entries 2937528
JP-T
JP-M
JP-B

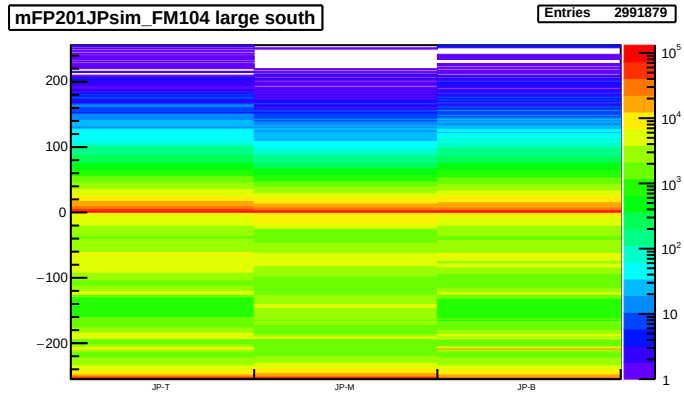

mFP201JP_FM102 small south
Entries 1.181507e+07
JP-T
JP-M
JP-B

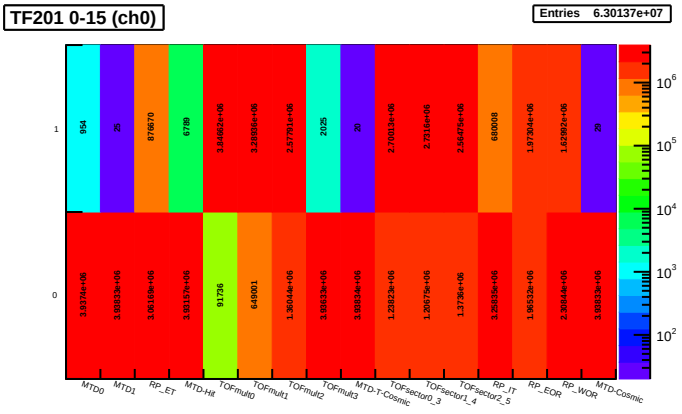

mFP201JPsim_FM102 small south
Entries 3201612
JP-T
JP-M
JP-B

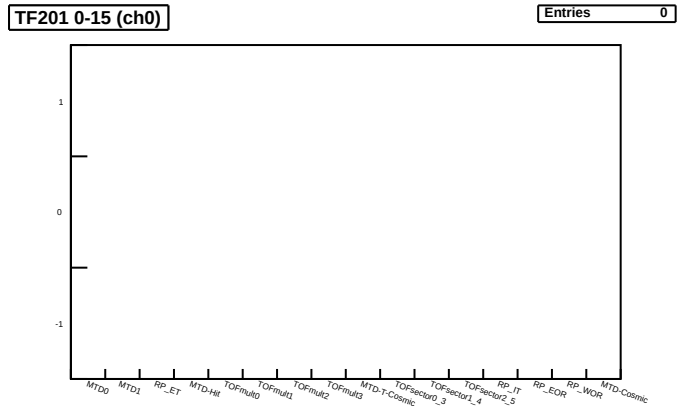

mFP201JP_FM103 large north
Entries 1.181507e+07
JP-T
JP-M
JP-B

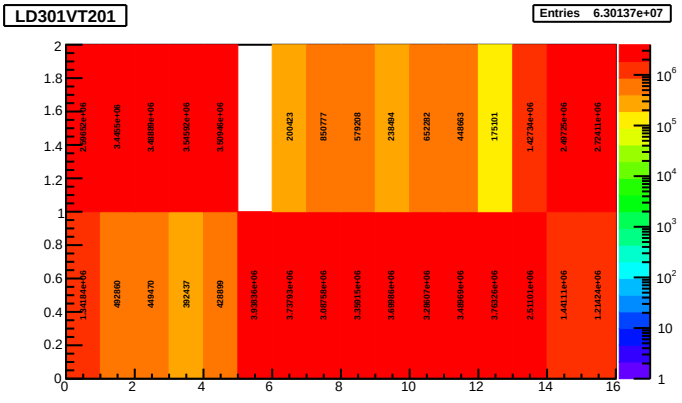

mFP201JPsim_FM103 large north
Entries 3107684
JP-T
JP-M
JP-B

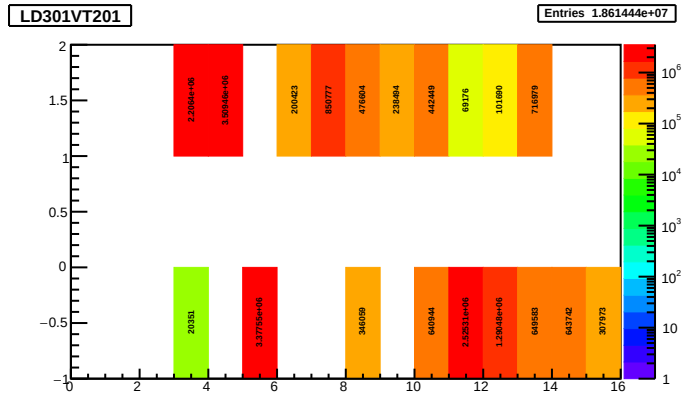

mFP201JP_FM104 large south
Entries 1.181507e+07
JP-T
JP-M
JP-B

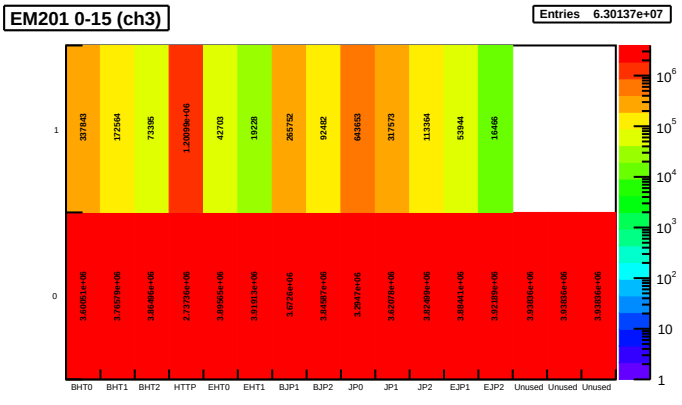

mFP201JPsim_FM104 large south
Entries 2991879
JP-T
JP-M
JP-B

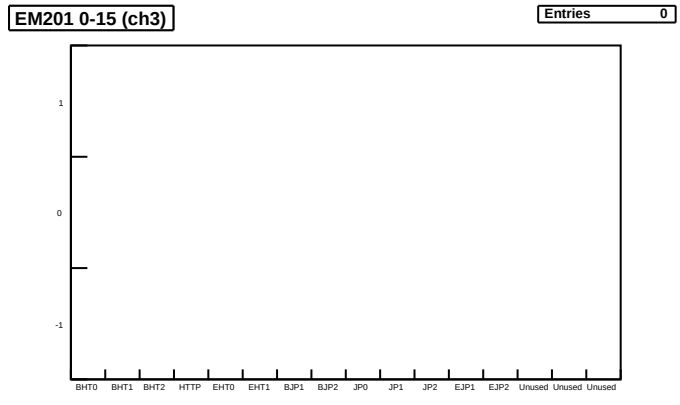

TF201 0-15 (ch0)
Entries 6.30137e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

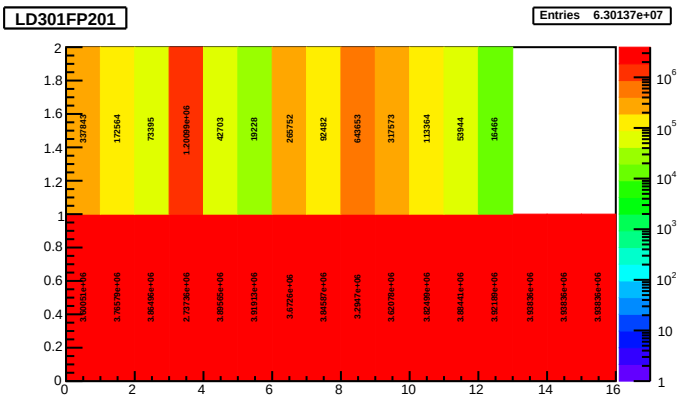

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic


LD301VT201
Entries 6.30137e+07


LD301VT201
Entries 1.861444e+07


EM201 0-15 (ch3)
Entries 6.30137e+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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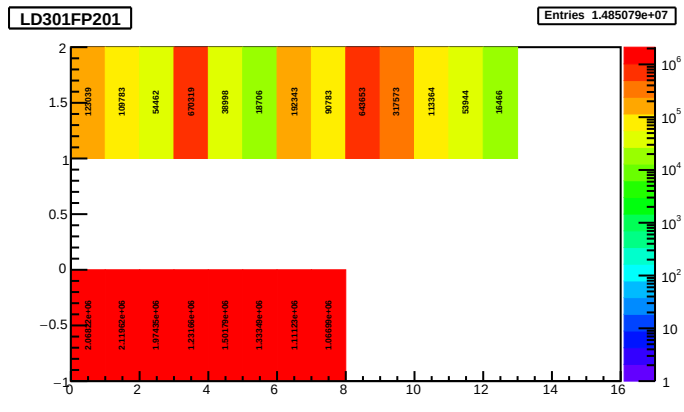
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