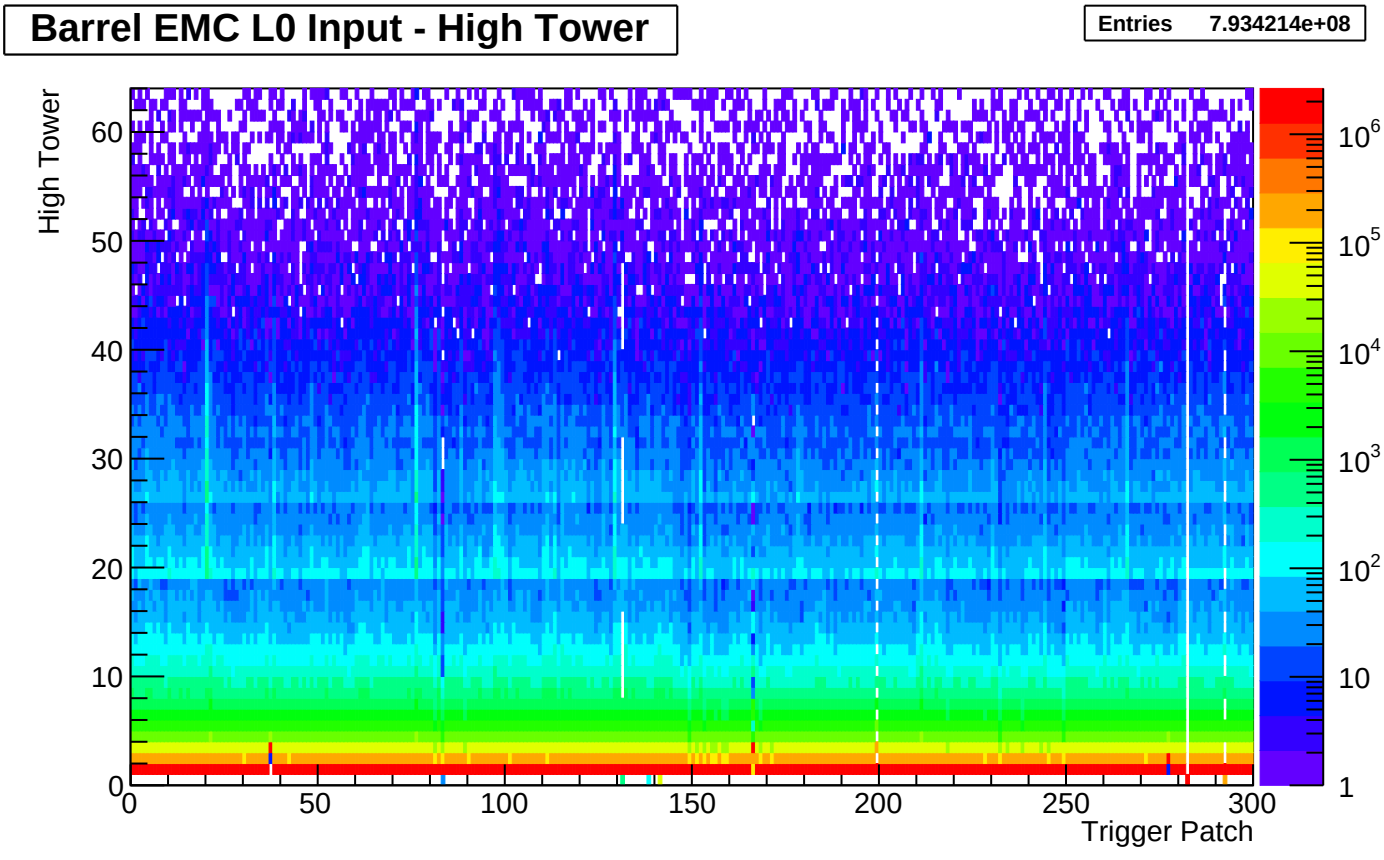
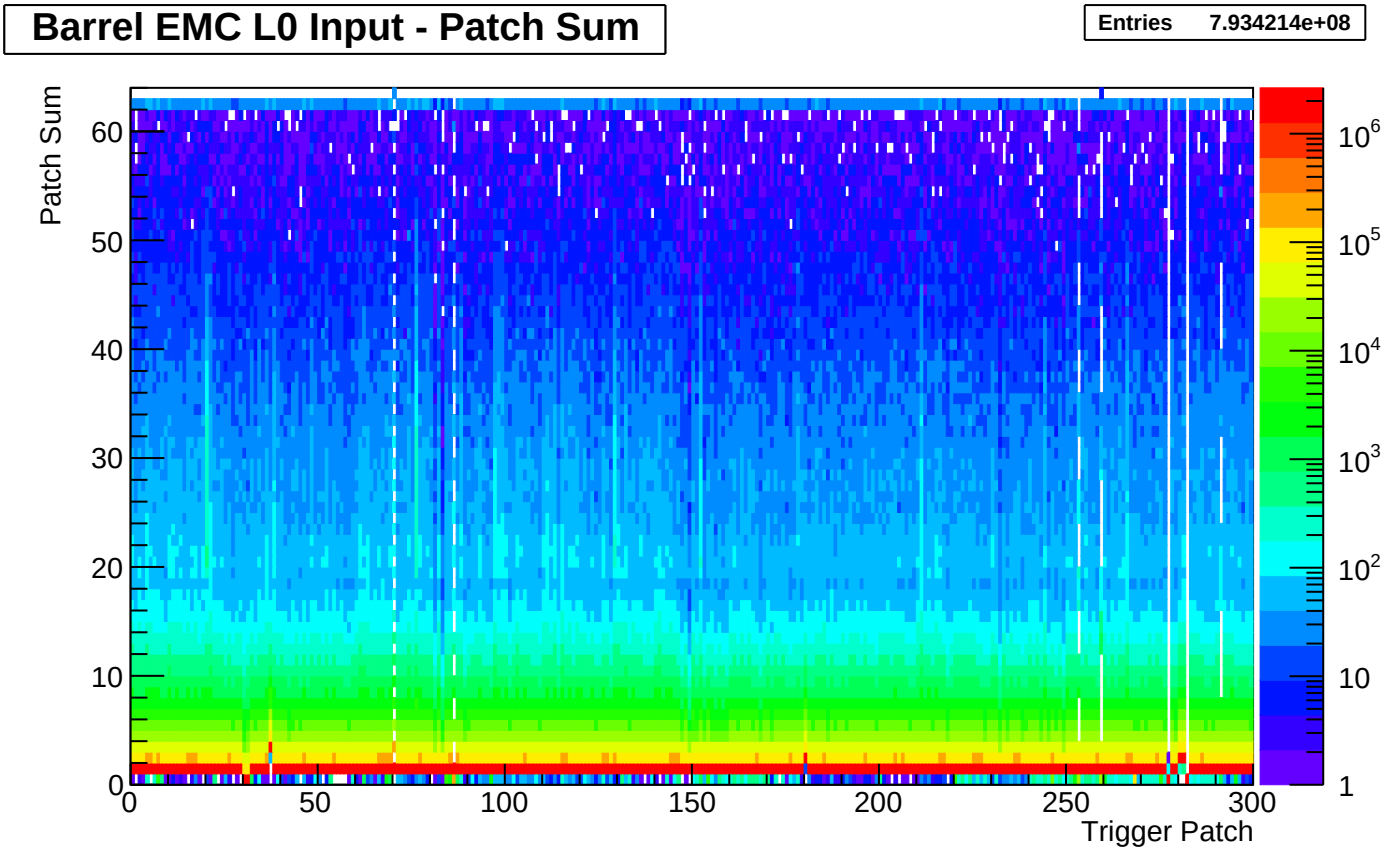
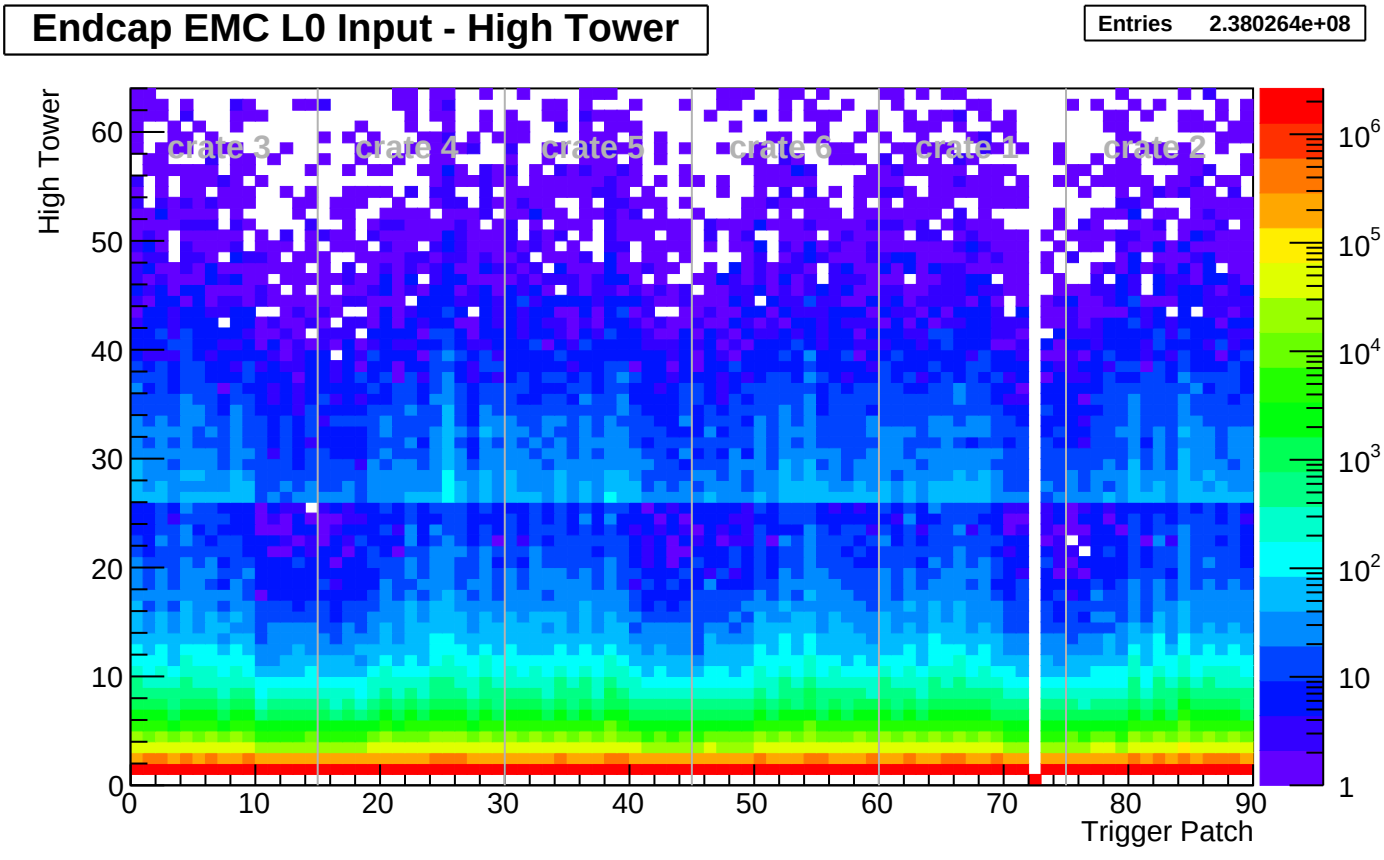
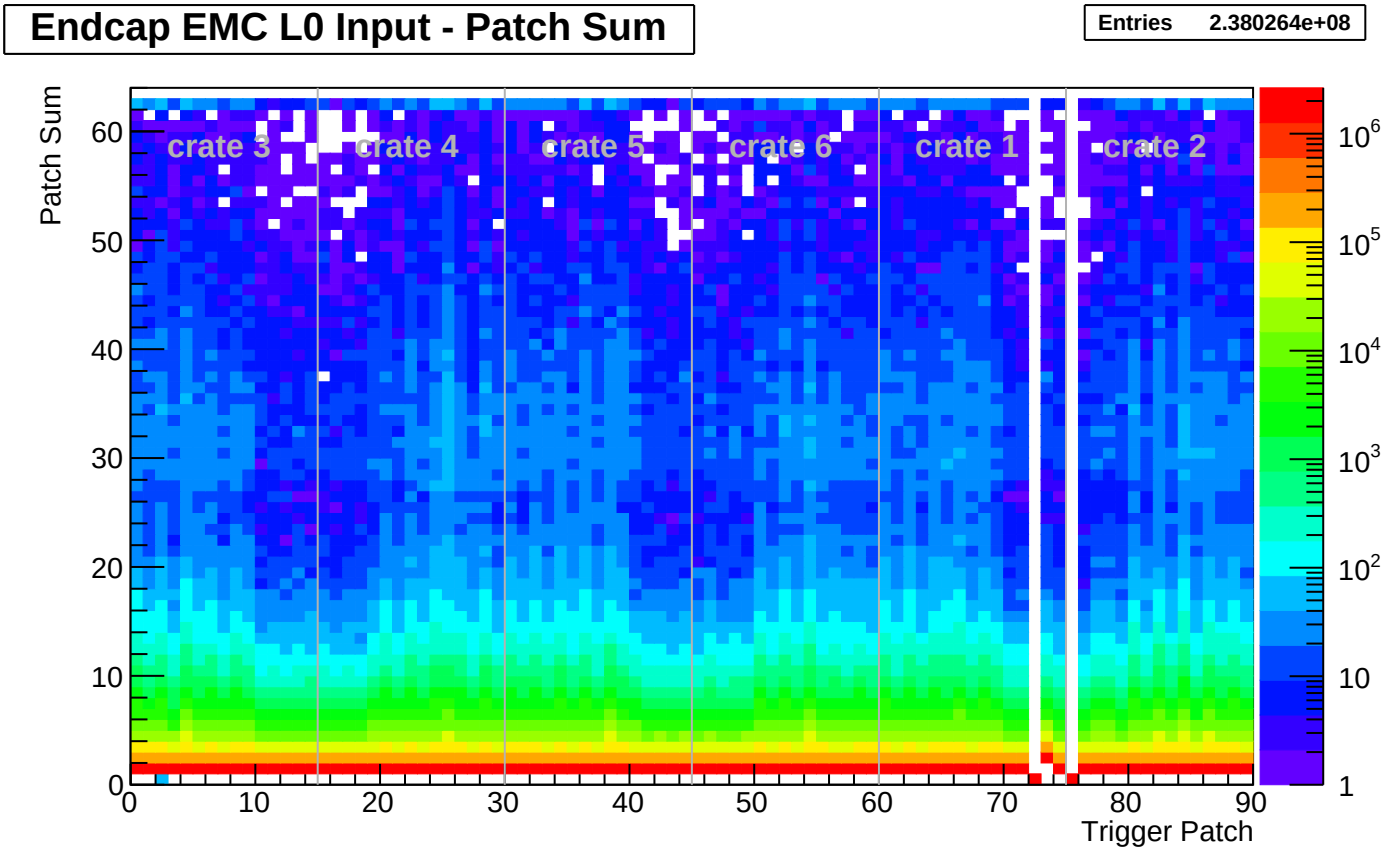
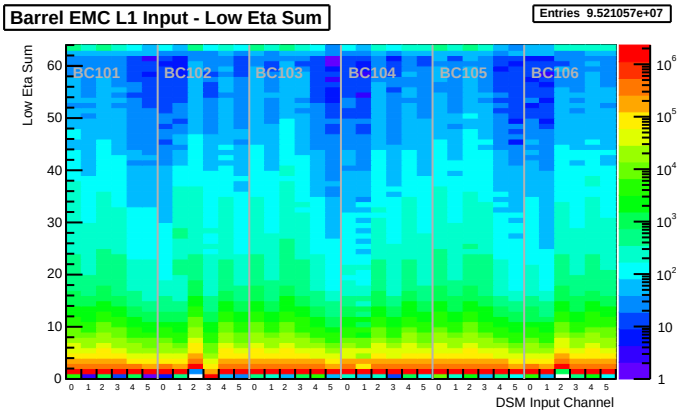
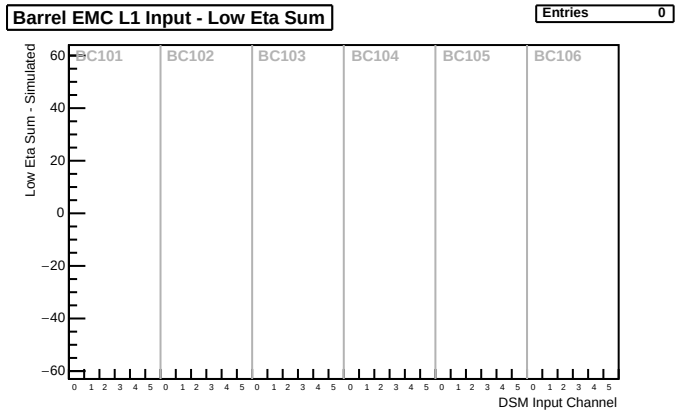

Barrel EMC L0 Input - High Tower
Entries 7.934214e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

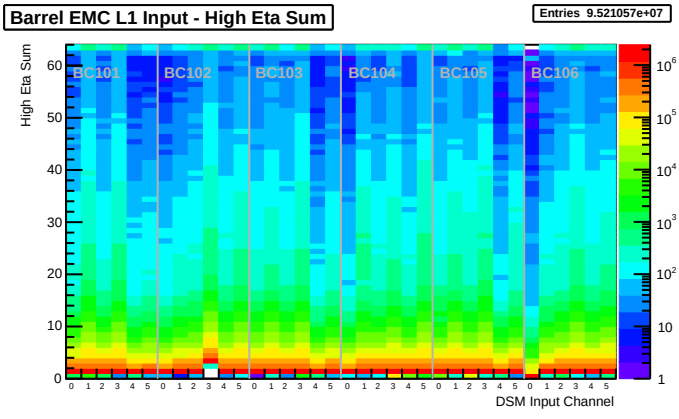

Barrel EMC L0 Input - Patch Sum
Entries 7.934214e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

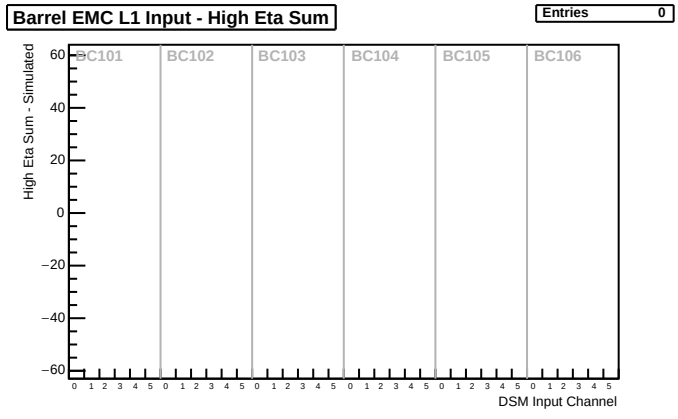

Endcap EMC L0 Input - High Tower
Entries 2.380264e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

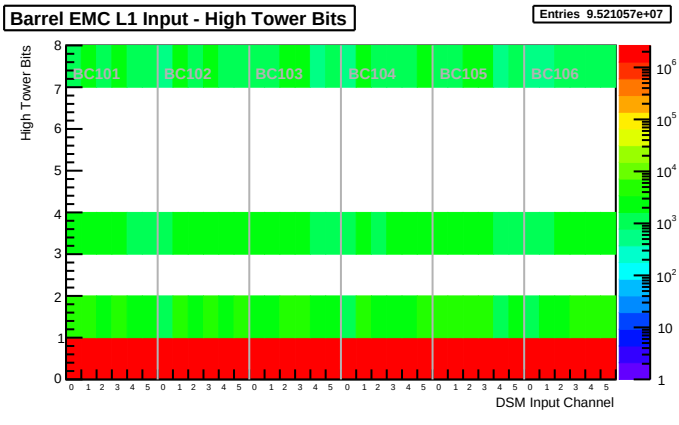

Endcap EMC L0 Input - Patch Sum
Entries 2.380264e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

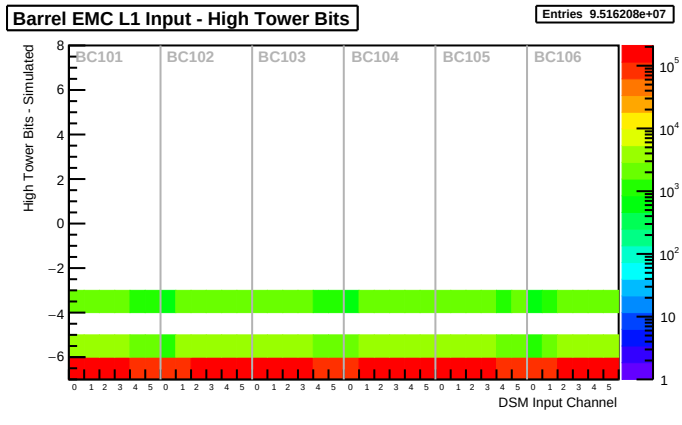

Barrel EMC L1 Input - Low Eta Sum
Entries 9.521057e+07
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

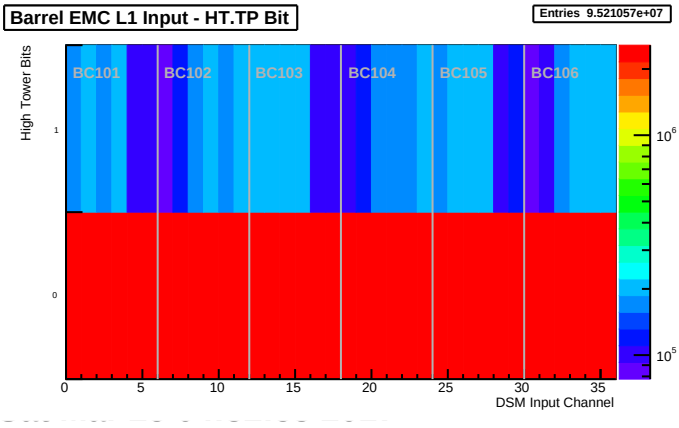

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

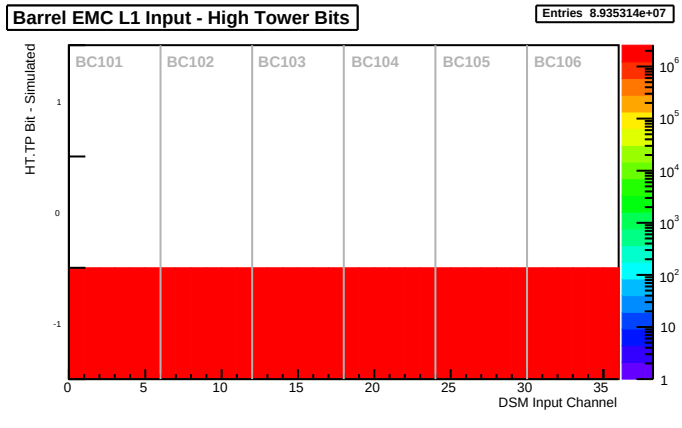

Barrel EMC L1 Input - High Eta Sum
Entries 9.521057e+07
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

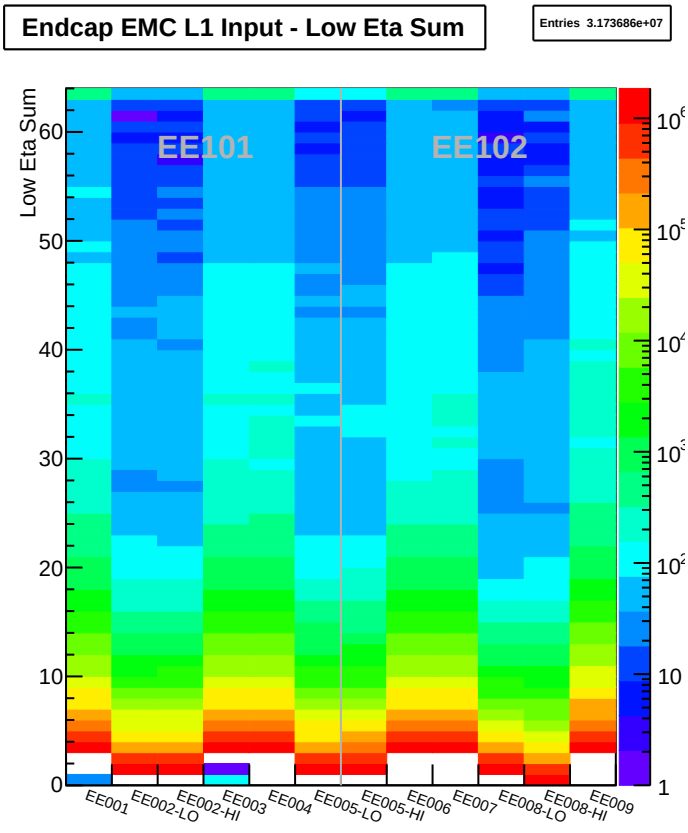

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

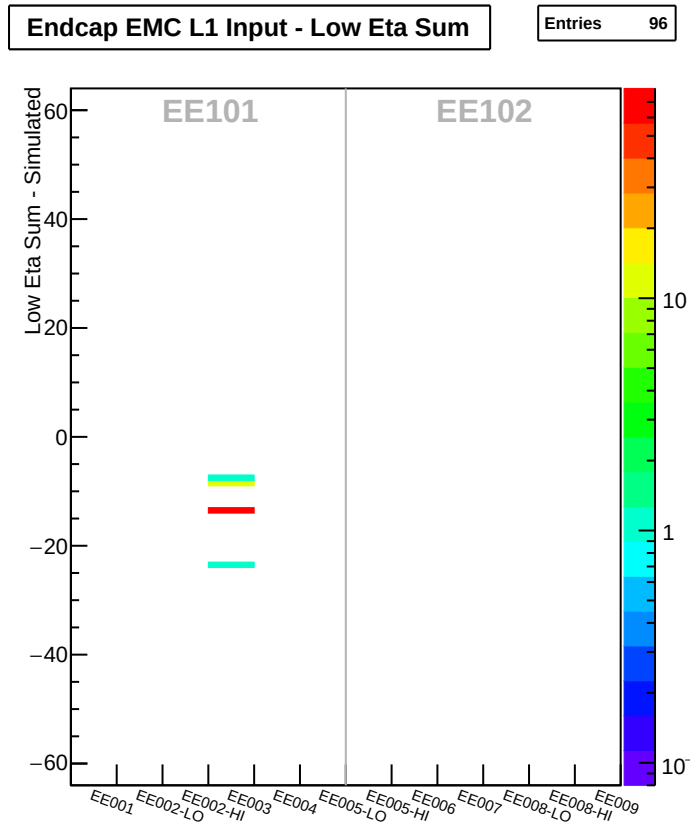

Barrel EMC L1 Input - High Tower Bits
Entries 9.521057e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

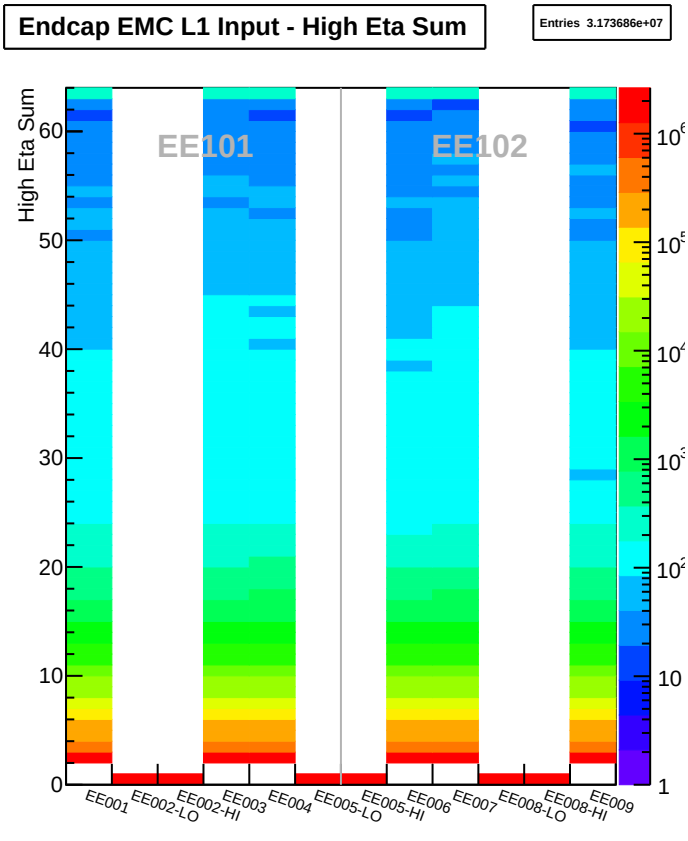

Barrel EMC L1 Input - High Tower Bits
Entries 9.516208e+07
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

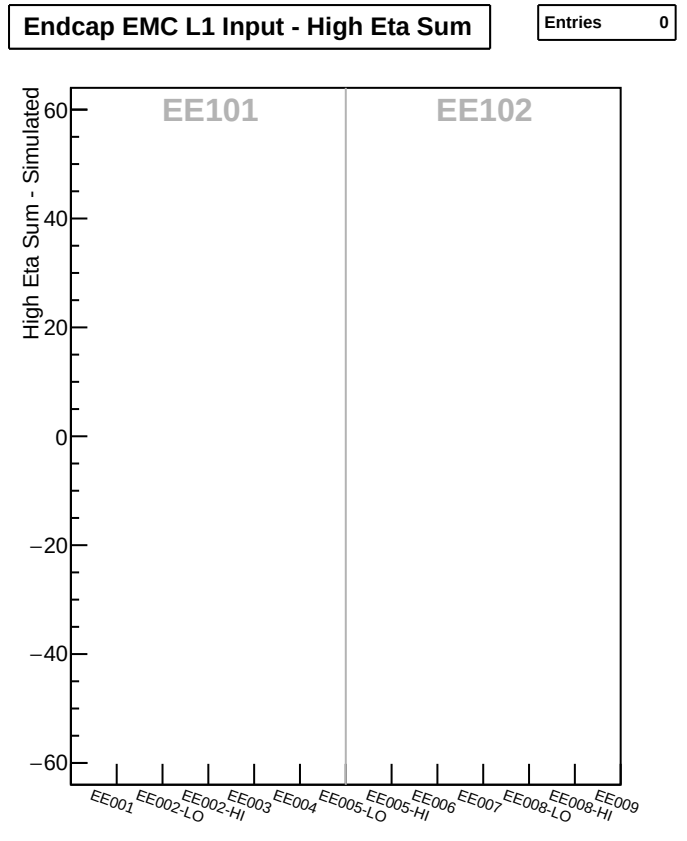

Barrel EMC L1 Input - HT.TP Bit
Entries 9.521057e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

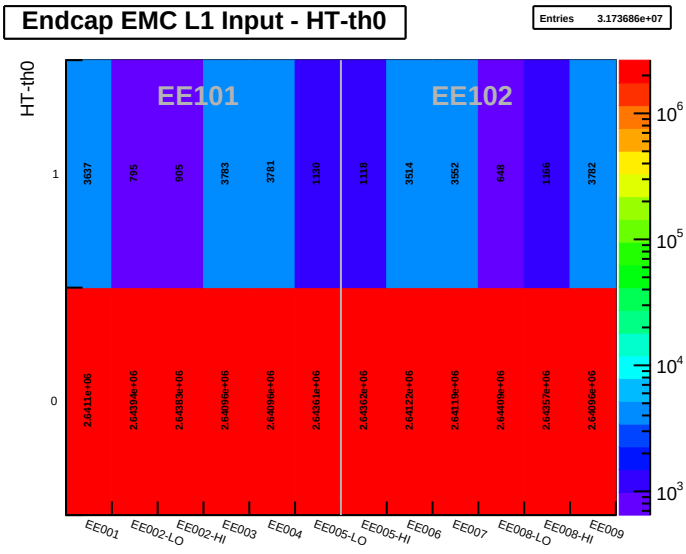

Barrel EMC L1 Input - High Tower Bits
Entries 8.935314e+07
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

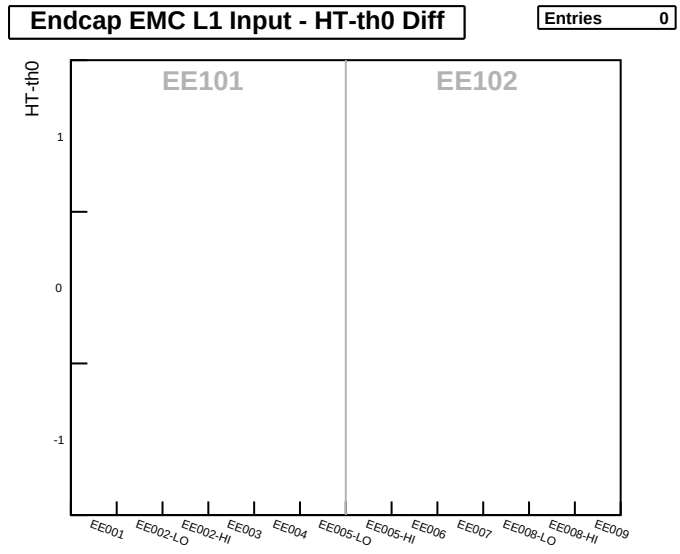

Endcap EMC L1 Input - Low Eta Sum
Entries 3.173686e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

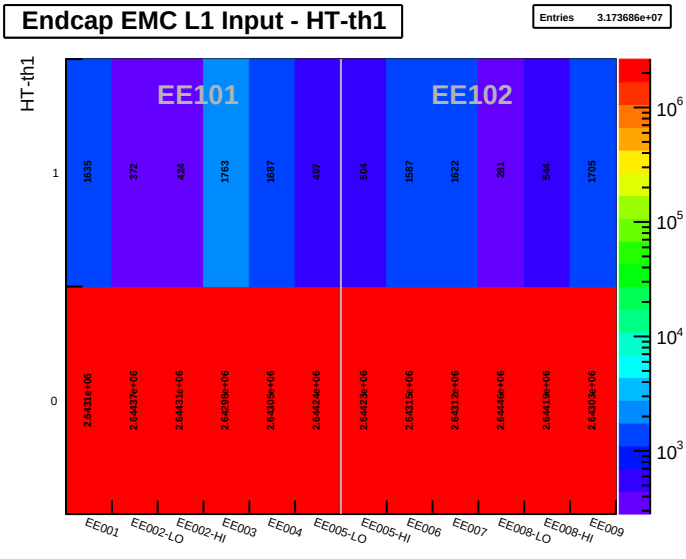

Endcap EMC L1 Input - Low Eta Sum
Entries 96
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

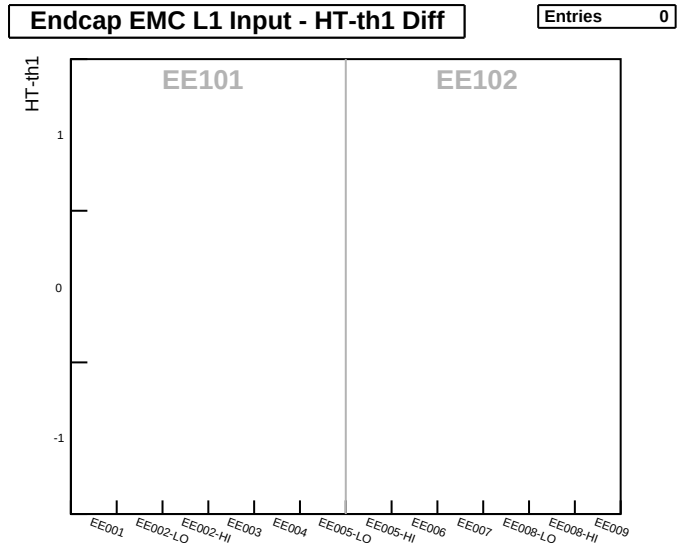

Endcap EMC L1 Input - High Eta Sum
Entries 3.173686e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

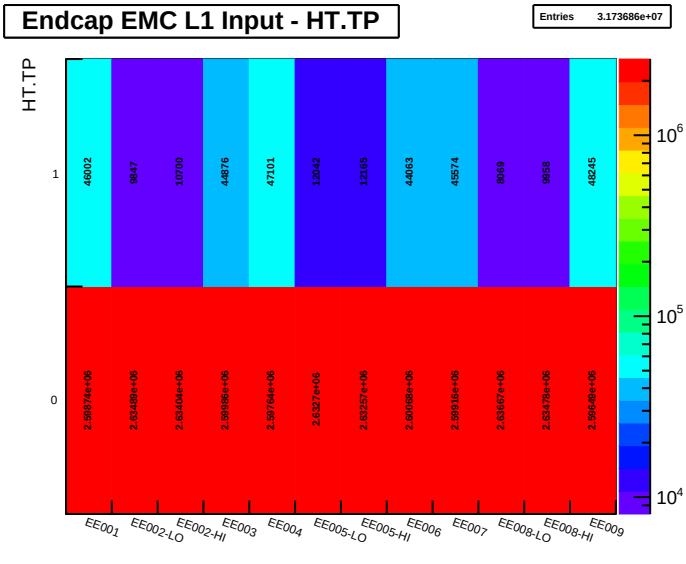

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

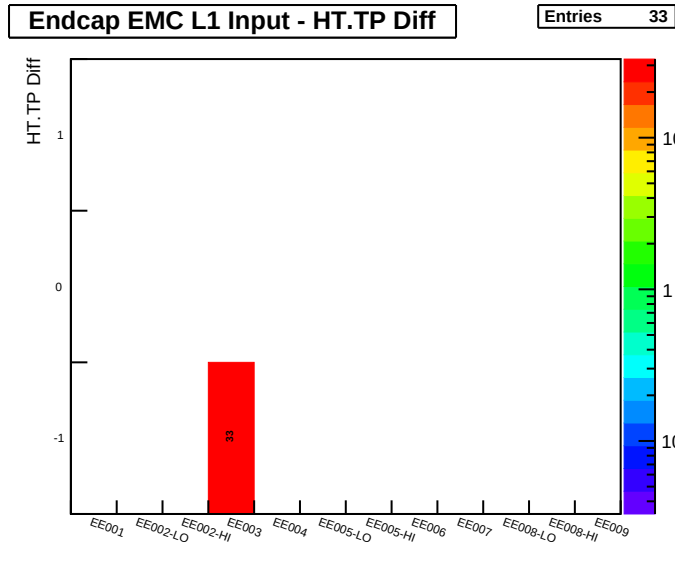

Endcap EMC L1 Input - HT-th0
Entries 3.173686e+07
HT-th0
EE101
EE102
1
0
3837
795
905
3783
3781
1130
1118
3514
3552
648
1166
3782
2.6411e+06
2.64394e+06
2.64383e+06
2.64096e+06
2.64096e+06
2.64361e+06
2.64362e+06
2.64122e+06
2.64119e+06
2.64409e+06
2.64357e+06
2.64096e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009
10^6
10^5
10^4
10^3

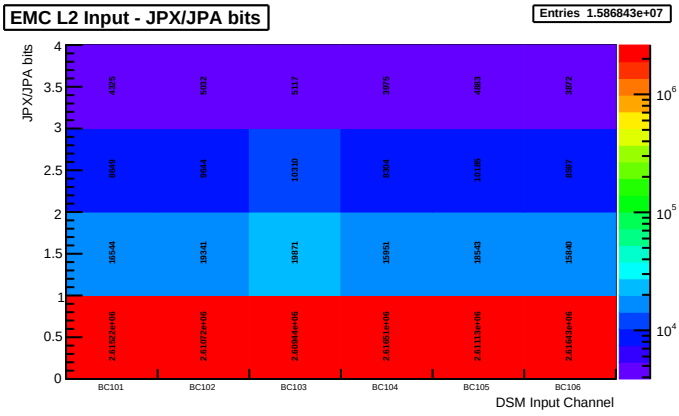

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
HT-th0
EE101
EE102
1
0
-1
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

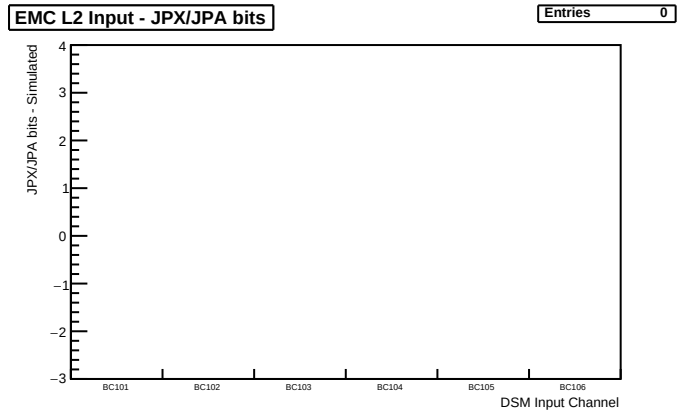

Endcap EMC L1 Input - HT-th1
Entries 3.173686e+07
HT-th1
EE101
EE102
1
0
1635
372
424
1763
1687
497
504
1587
1622
281
544
1705
2.6431e+06
2.64437e+06
2.64431e+06
2.64298e+06
2.64305e+06
2.64424e+06
2.64423e+06
2.64315e+06
2.64312e+06
2.64446e+06
2.64419e+06
2.64303e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009
10^6
10^5
10^4
10^3

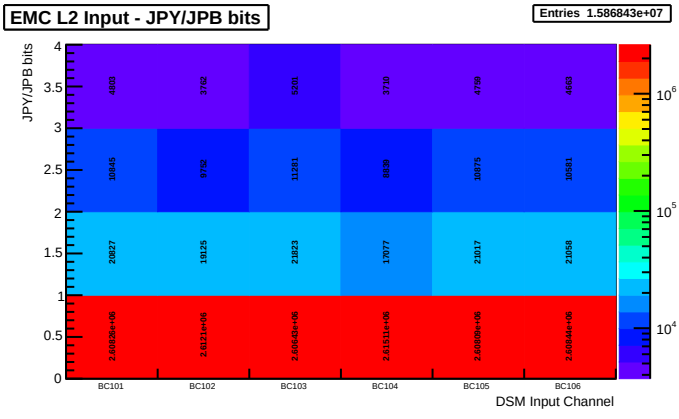

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
HT-th1
EE101
EE102
1
0
-1
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

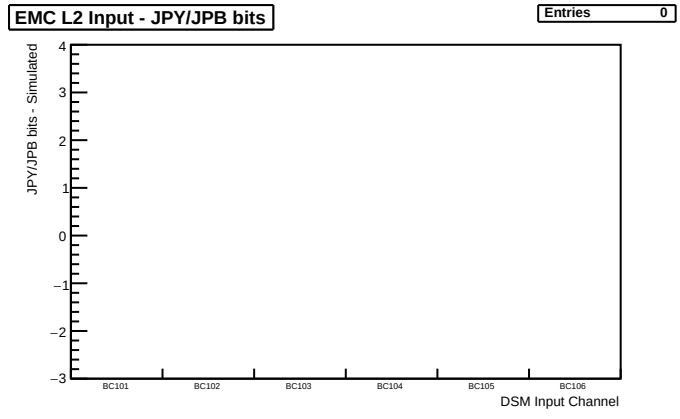

Endcap EMC L1 Input - HT.TP
Entries 3.173686e+07
HT.TP
1
0
46002
9847
10700
44876
47101
12042
12165
44063
45574
8069
9958
48245
2.59874e+06
2.63489e+06
2.63404e+06
2.59986e+06
2.59764e+06
2.6327e+06
2.63257e+06
2.60068e+06
2.59916e+06
2.63667e+06
2.63478e+06
2.59648e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009
10^6
10^5
10^4

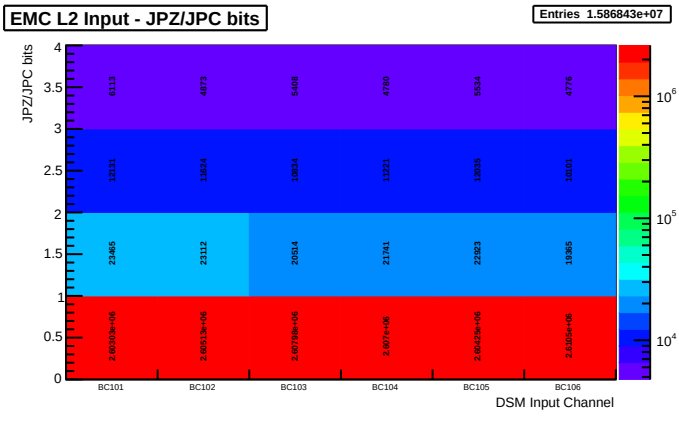

Endcap EMC L1 Input - HT.TP Diff
Entries 33
HT.TP Diff
1
0
-1
33
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009
10
1
10^{-1}

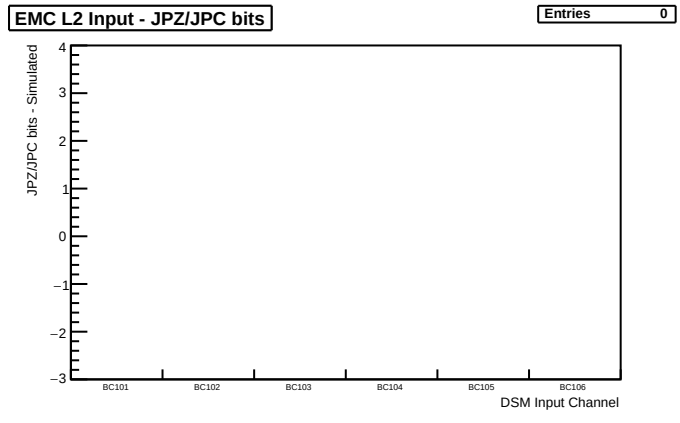

EMC L2 Input - JPX/JPA bits
Entries 1.586843e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

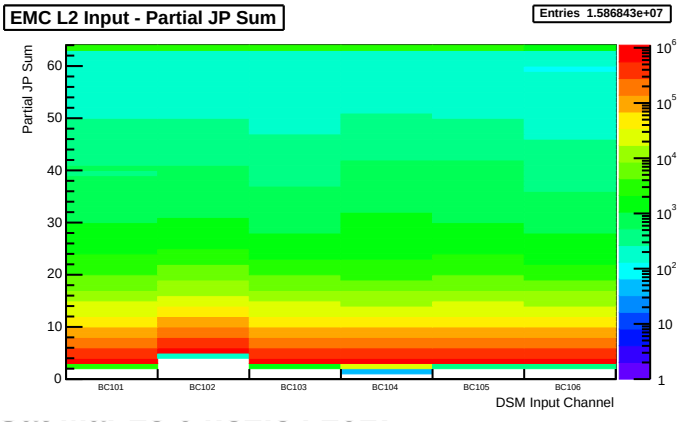

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

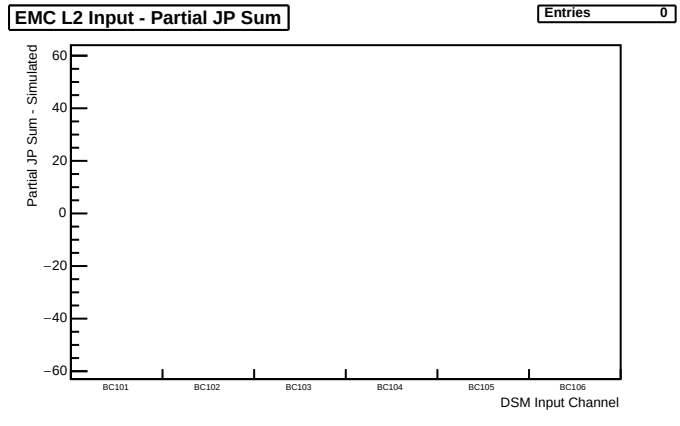

EMC L2 Input - JPY/JPB bits
Entries 1.586843e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

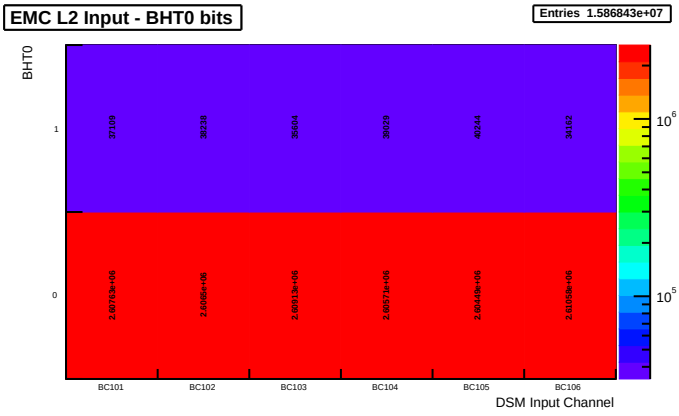

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

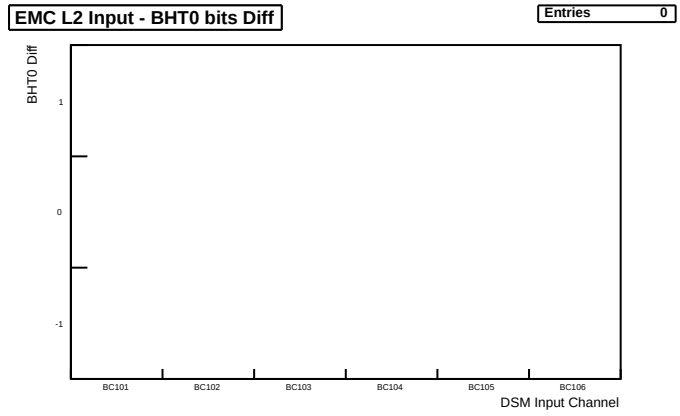

EMC L2 Input - JPZ/JPC bits
Entries 1.586843e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

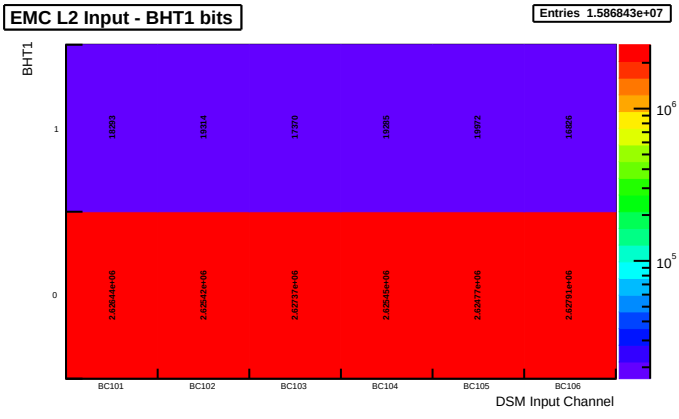

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

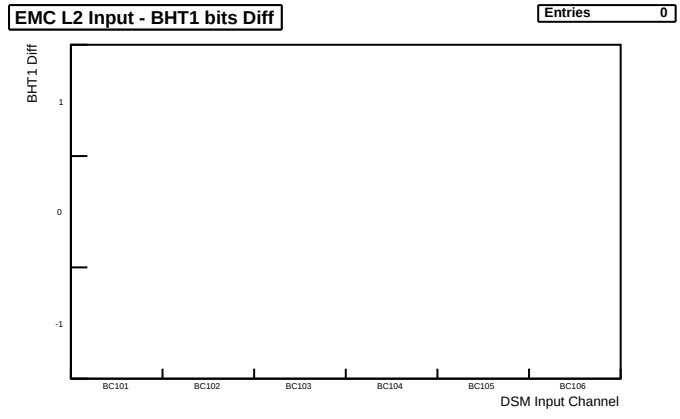

EMC L2 Input - Partial JP Sum
Entries 1.586843e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

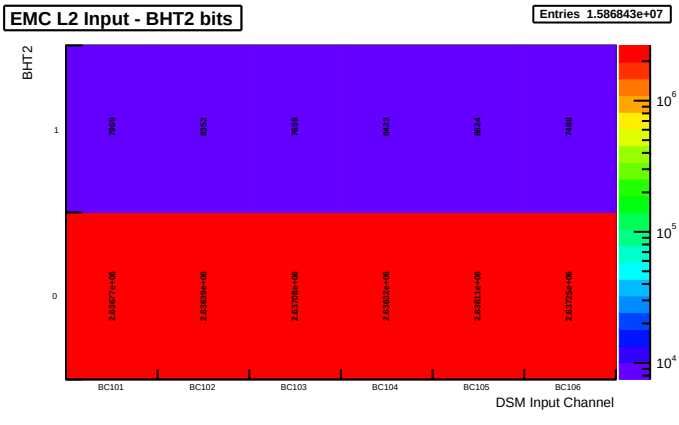

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

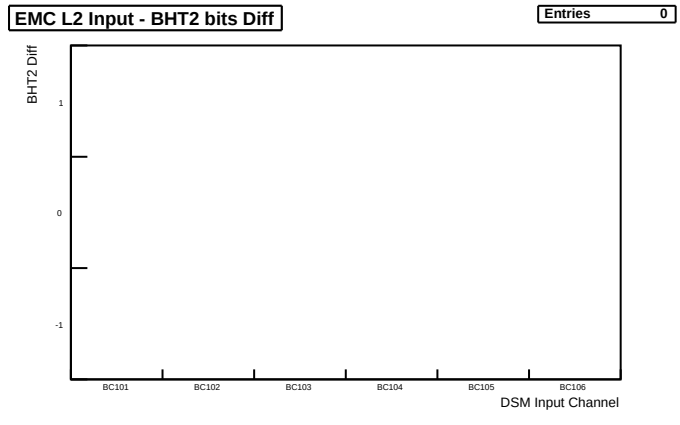

EMC L2 Input - BHT0 bits
Entries 1.586843e+07
BHT0
37109
39238
35604
39029
40244
34162
2.60763e+06
2.60686e+06
2.60913e+06
2.60571e+06
2.60449e+06
2.60158e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

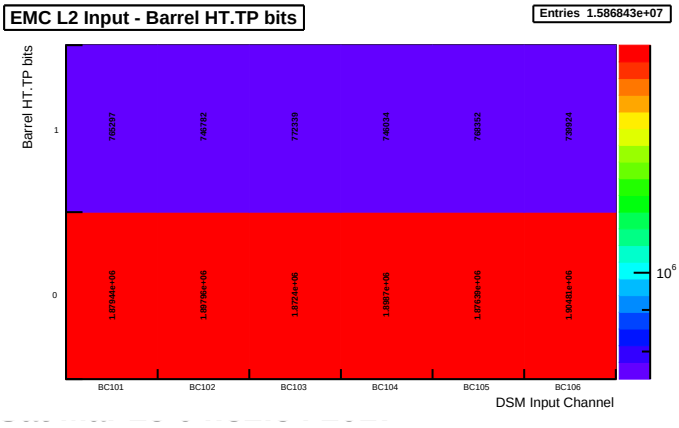

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

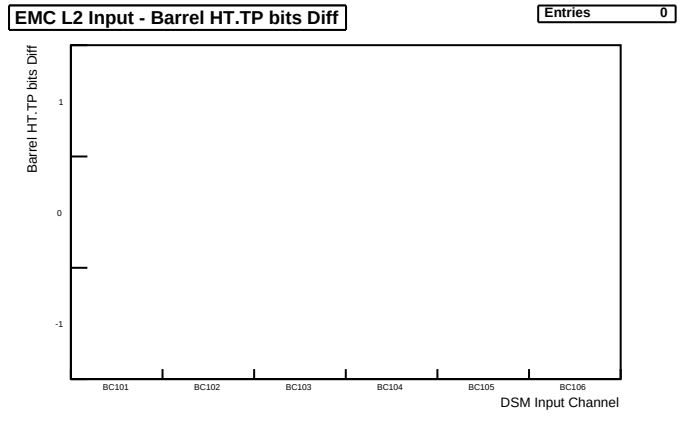

EMC L2 Input - BHT1 bits
Entries 1.586843e+07
BHT1
13253
13314
17370
13285
13972
15826
2.62544e+06
2.62542e+06
2.62737e+06
2.62545e+06
2.62477e+06
2.62701e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

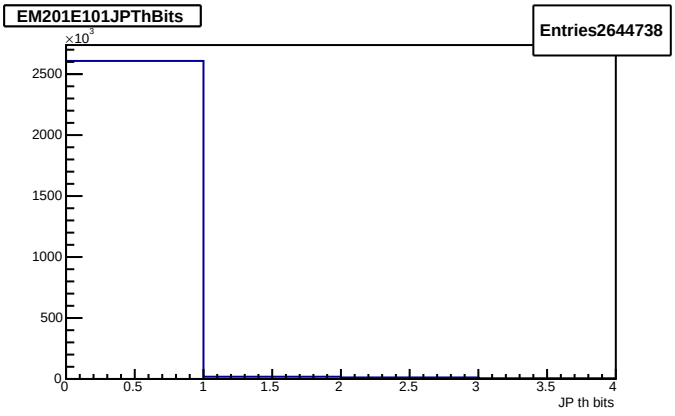

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

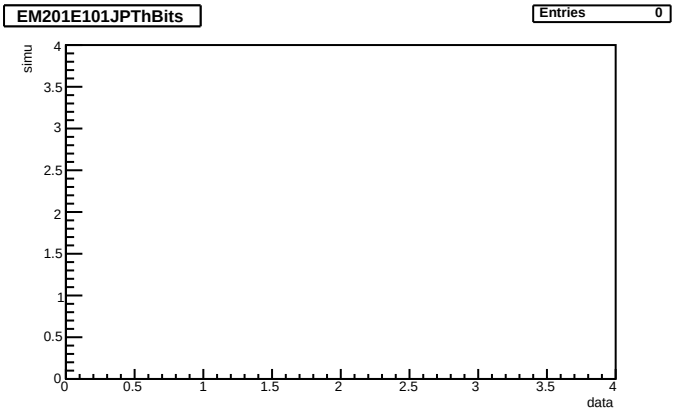

EMC L2 Input - BHT2 bits
Entries 1.586843e+07
BHT2
7939
8352
7659
8423
8624
7488
2.63577e+06
2.63639e+06
2.63708e+06
2.63632e+06
2.63614e+06
2.63725e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

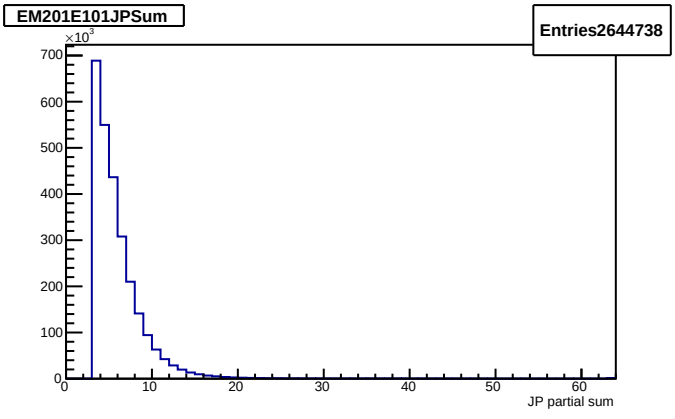

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

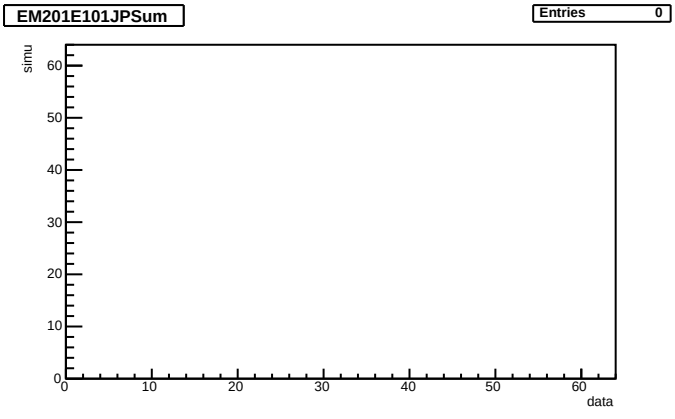

EMC L2 Input - Barrel HT.TP bits
Entries 1.586843e+07
Barrel HT.TP bits
745237
746732
772339
746034
768352
739924
1.87344e+06
1.88799e+06
1.87224e+06
1.8897e+06
1.87639e+06
1.90481e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

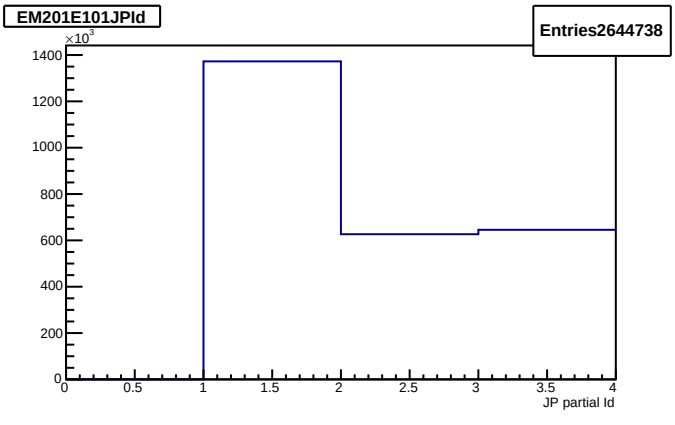

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

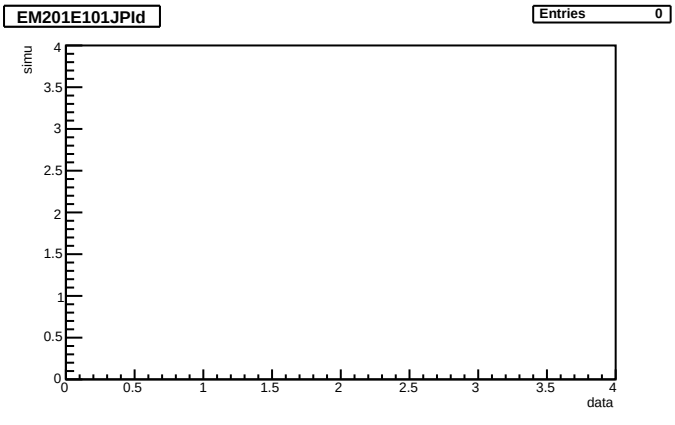

EM201E101JPThBits
Entries2644738
×10^3
JP th bits

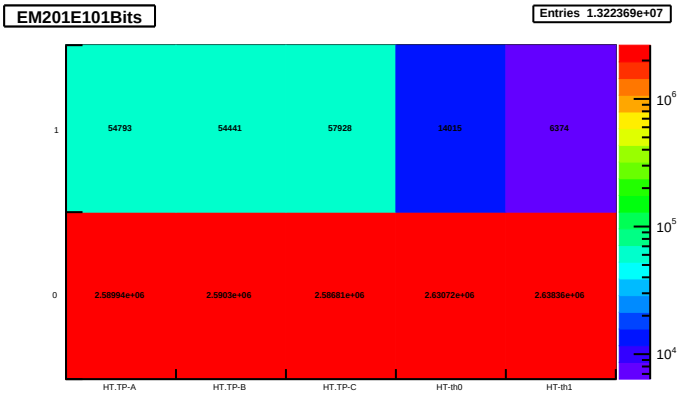

EM201E101JPThBits
Entries 0
simu
data

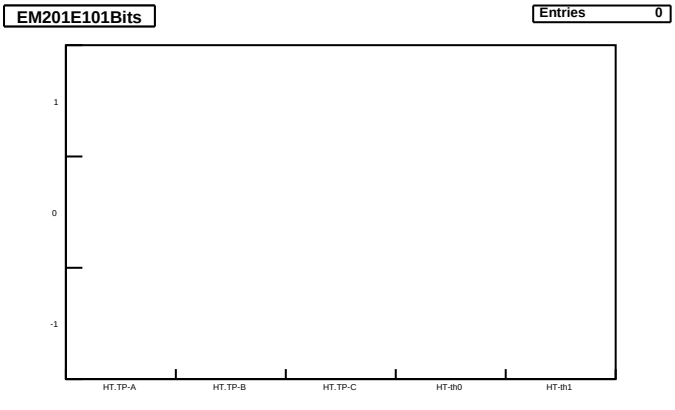

EM201E101JPSum
Entries2644738
×10^3
JP partial sum

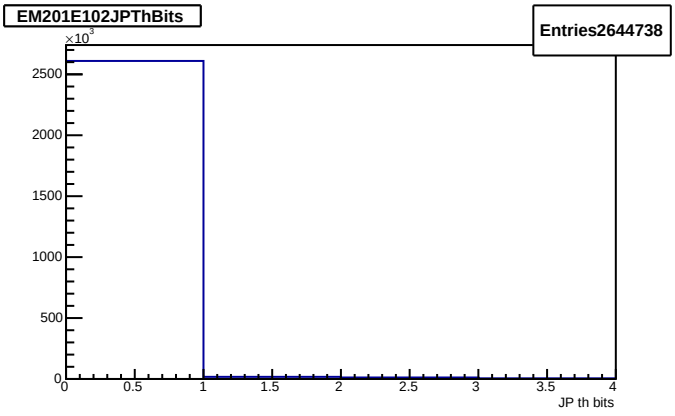

EM201E101JPSum
Entries 0
simu
data

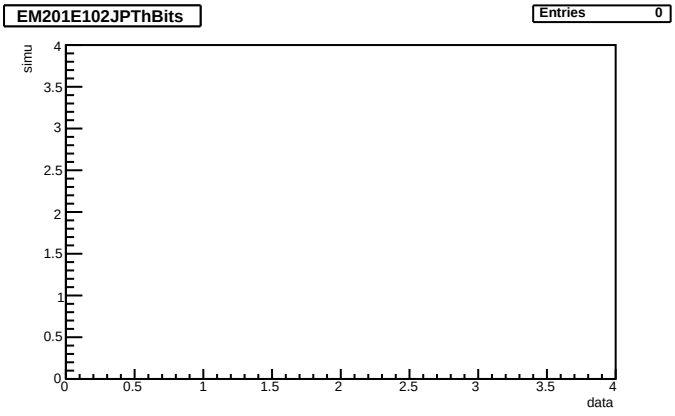

EM201E101JPId
Entries2644738
×10^3
JP partial Id

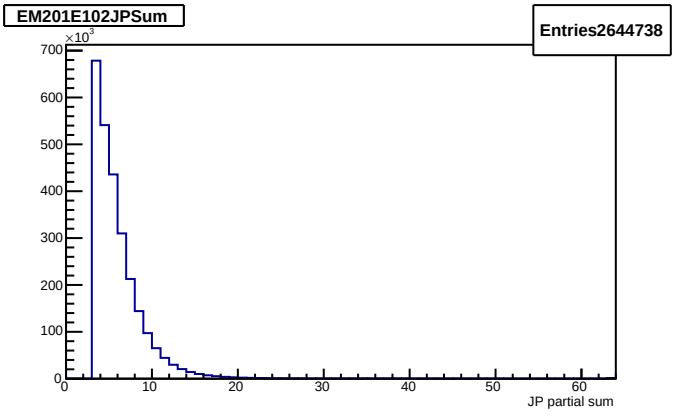

EM201E101JPId
Entries 0
simu
data

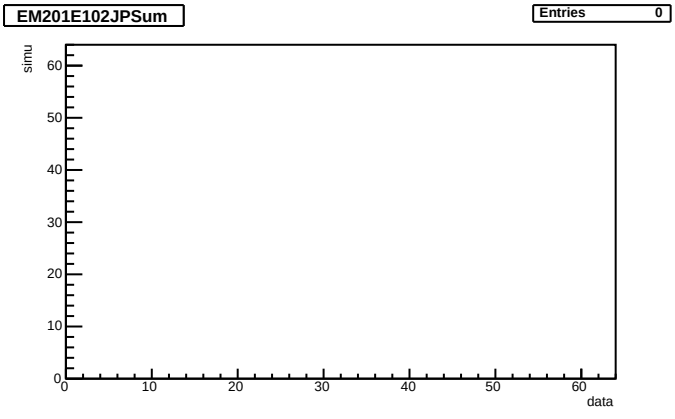

EM201E101Bits
Entries 1.322369e+07
54793
54441
57928
14015
6374
2.58994e+06
2.5903e+06
2.58681e+06
2.63072e+06
2.63836e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

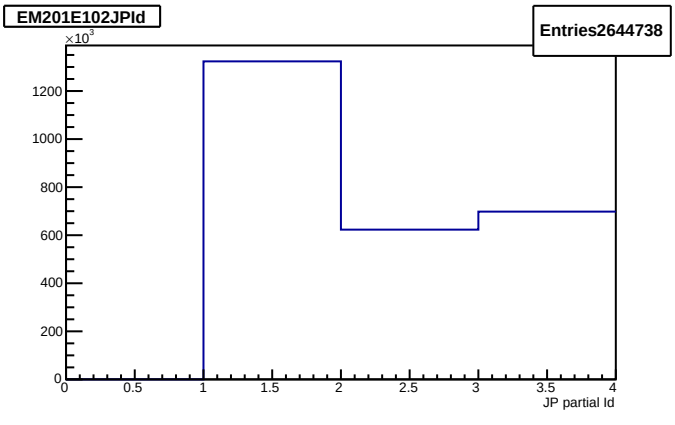

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

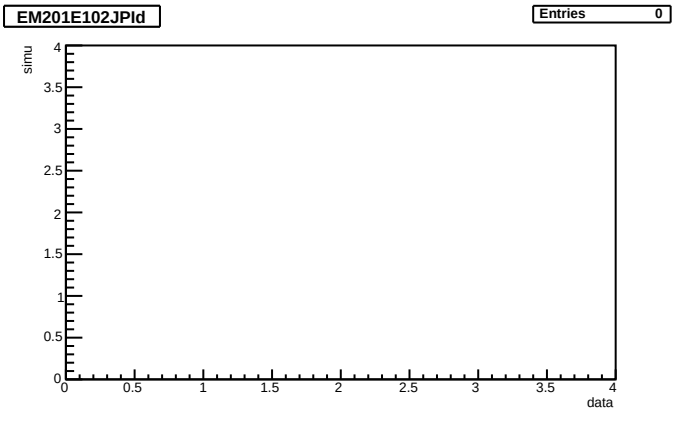

EM201E102JPThBits
Entries2644738
×10^3
JP th bits

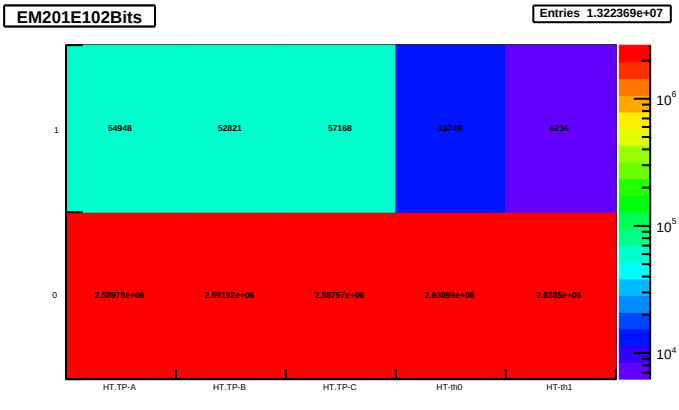

EM201E102JPThBits
Entries 0
simu
data

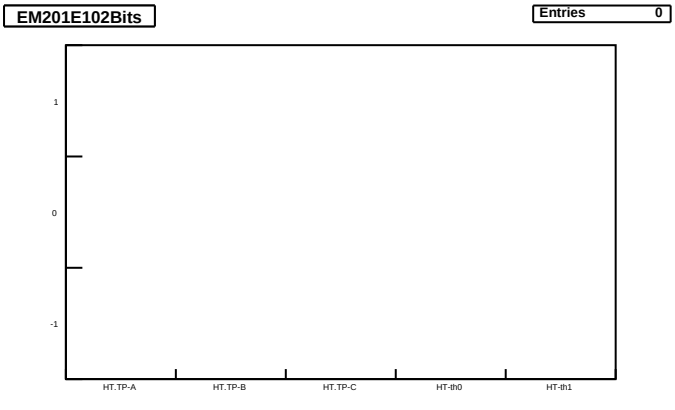

EM201E102JPSum
Entries2644738
×10^3
JP partial sum

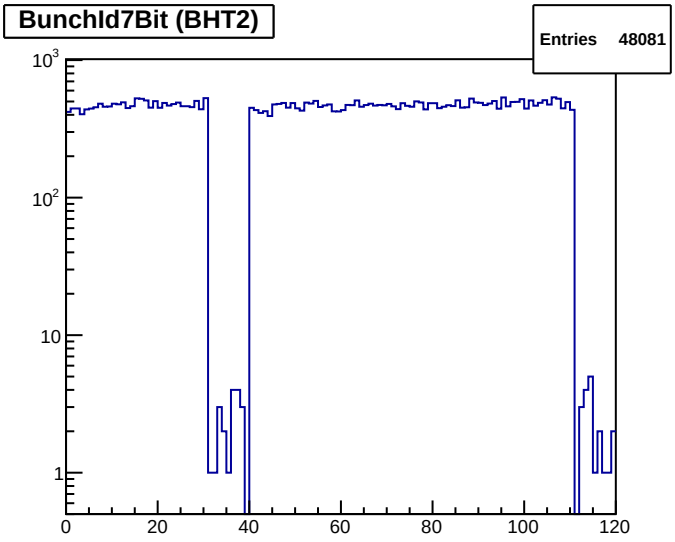

EM201E102JPSum
Entries 0
simu
data

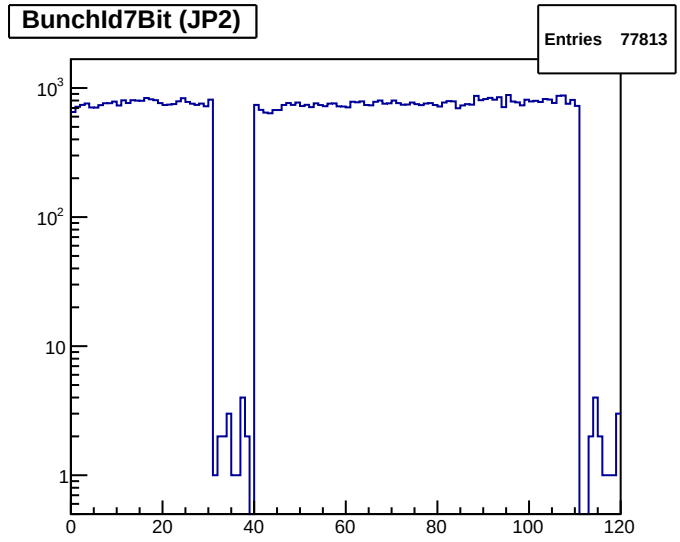

EM201E102JPId
Entries2644738
×10^3
JP partial Id

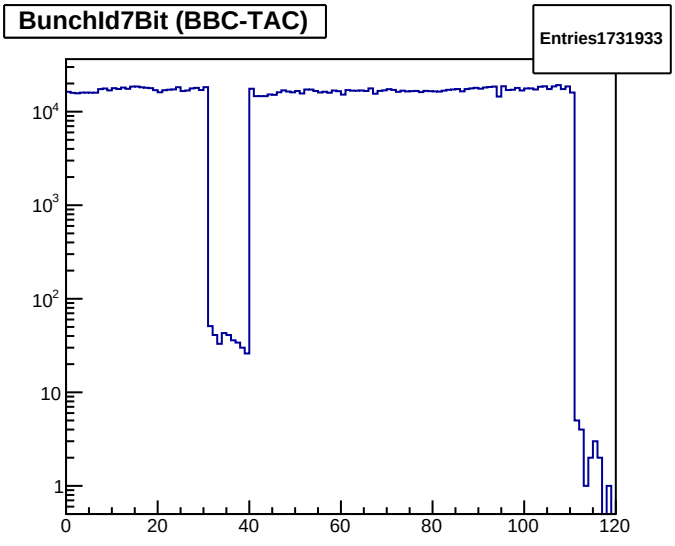

EM201E102JPId
Entries 0
simu
data

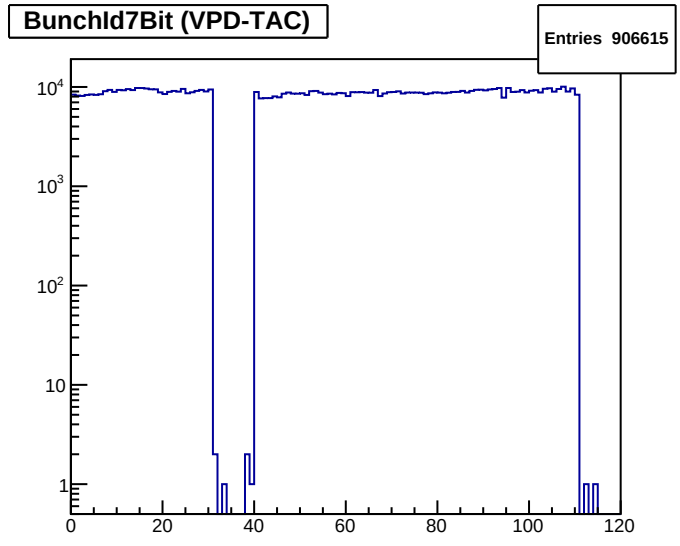

EM201E102Bits
Entries 1.322369e+07
54948
52821
57168
13749
6236
2.58979e+06
2.59192e+06
2.58757e+06
2.63099e+06
2.6385e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

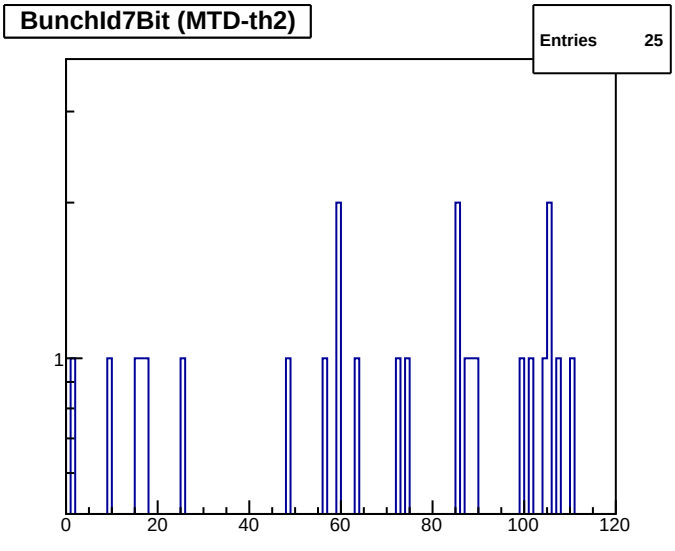

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

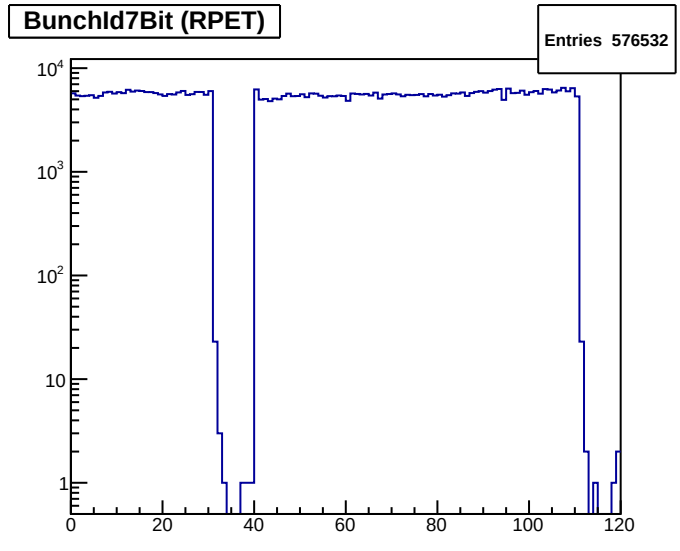

BunchId7Bit (BHT2)
Entries 48081

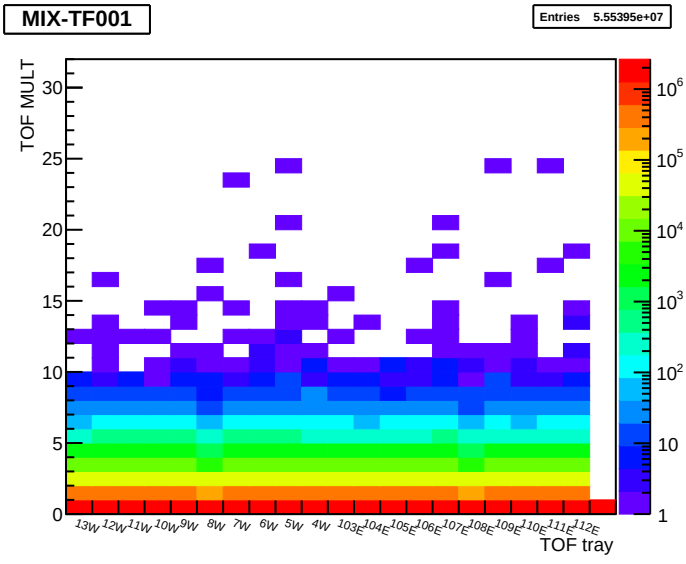

BunchId7Bit (JP2)
Entries 77813

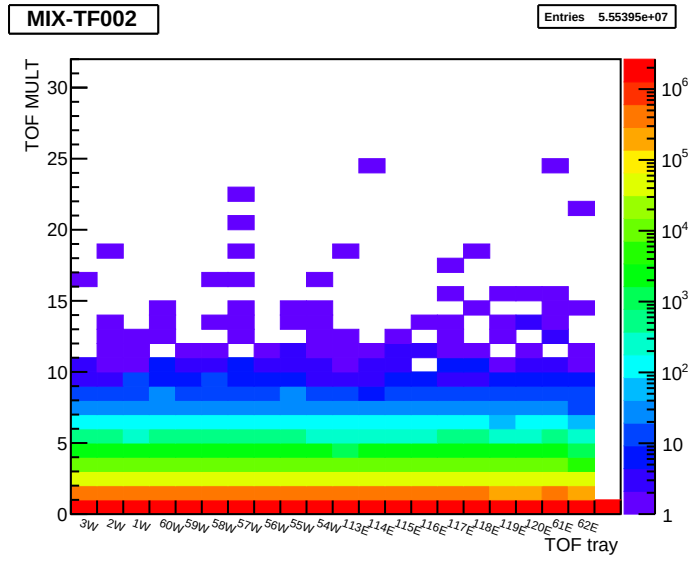

BunchId7Bit (BBC-TAC)
Entries1731933

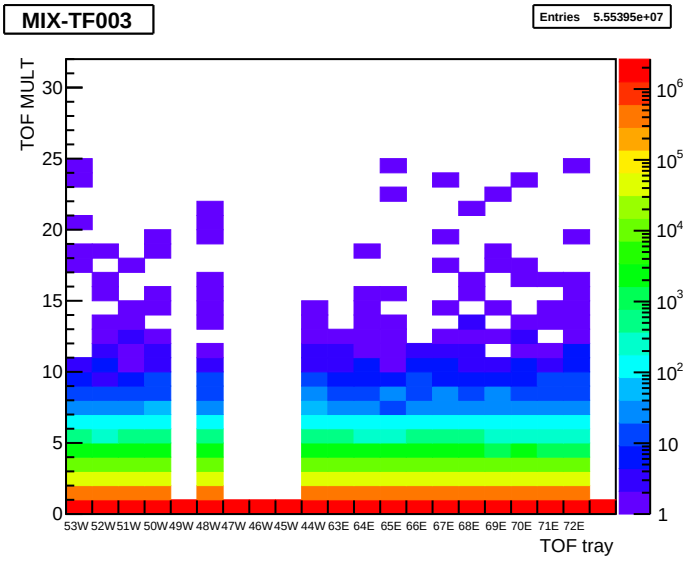

BunchId7Bit (VPD-TAC)
Entries 906615

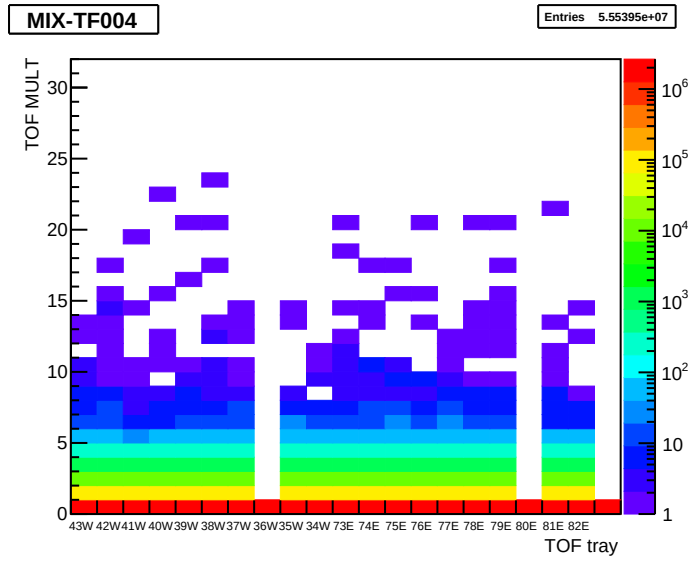

BunchId7Bit (MTD-th2)
Entries 25

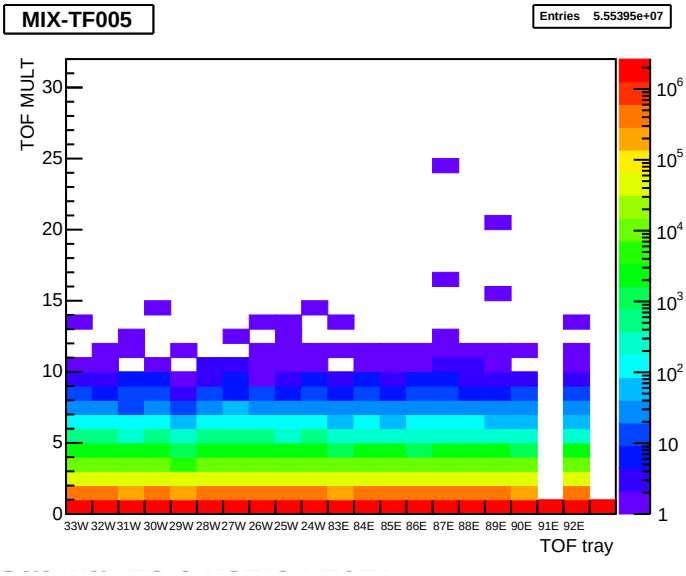

BunchId7Bit (RPET)
Entries 576532

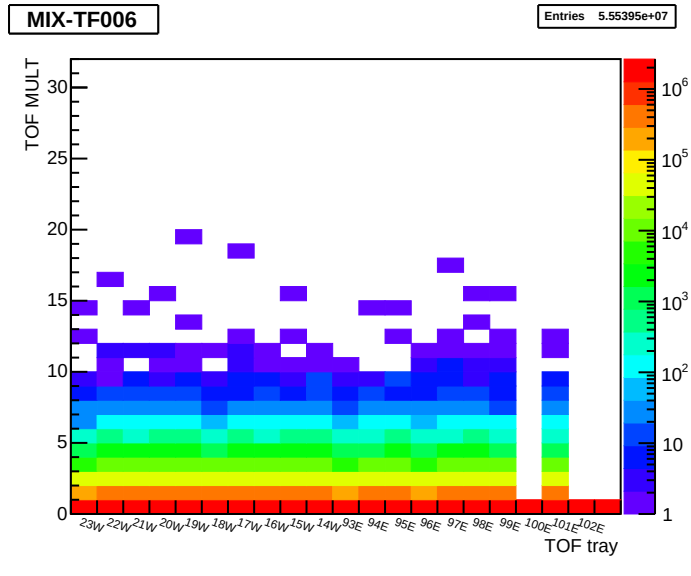

MIX-TF001
Entries 5.55395e+07
TOF MULT
TOF tray

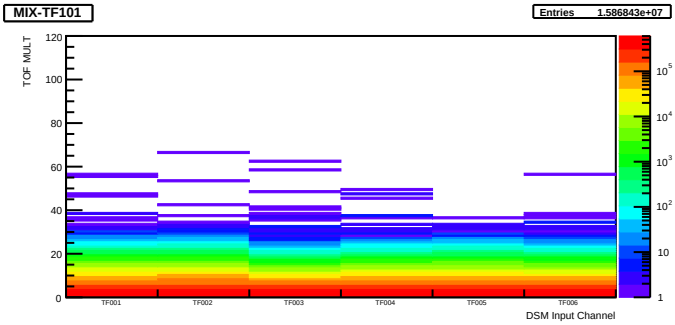

MIX-TF002
Entries 5.55395e+07
TOF MULT
TOF tray

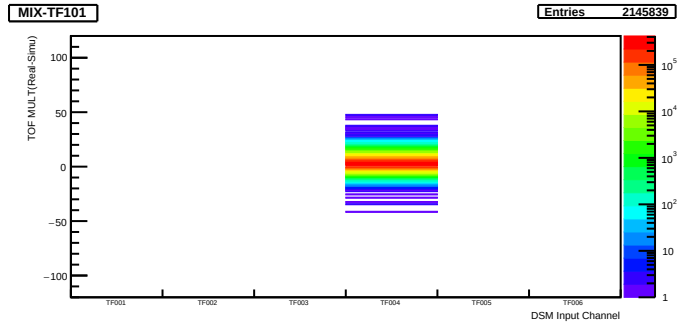

MIX-TF003
Entries 5.55395e+07
TOF MULT
TOF tray

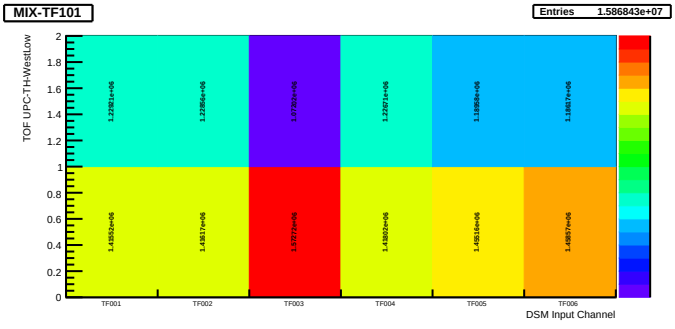

MIX-TF004
Entries 5.55395e+07
TOF MULT
TOF tray

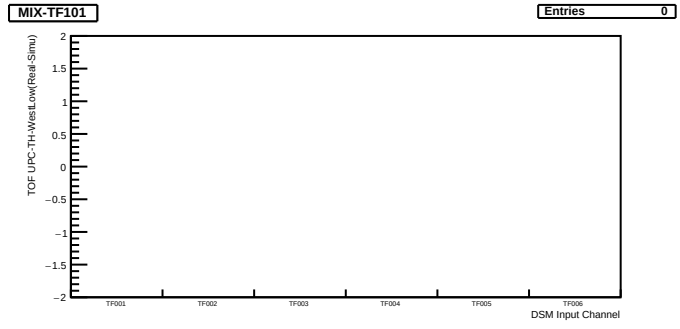

MIX-TF005
Entries 5.55395e+07
TOF MULT
TOF tray

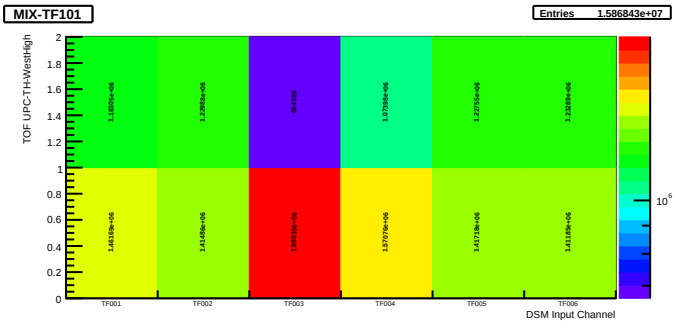

MIX-TF006
Entries 5.55395e+07
TOF MULT
TOF tray

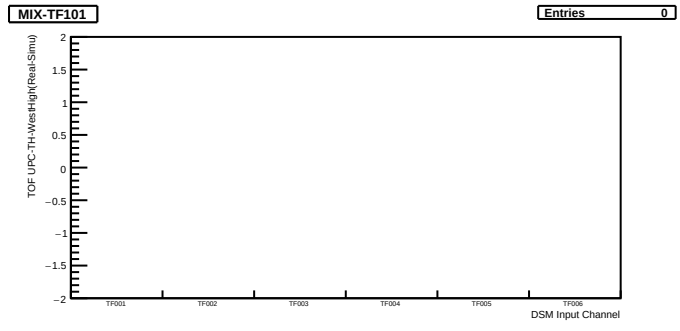

MIX-TF101
Entries 1.586843e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

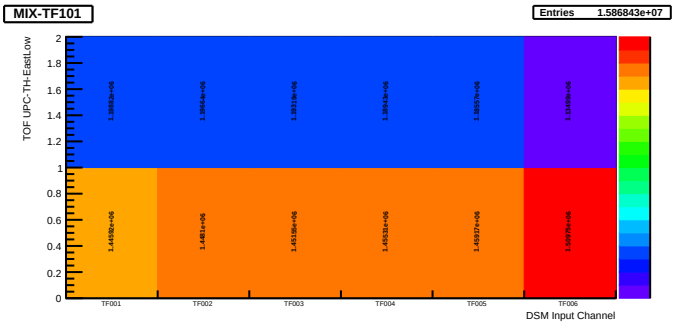

MIX-TF101
Entries 2145839
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

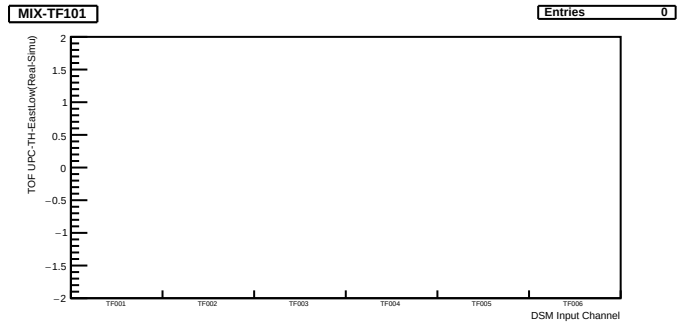

MIX-TF101
Entries 1.586843e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

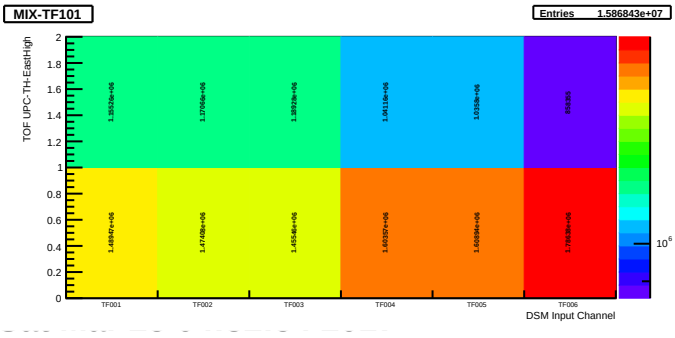

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

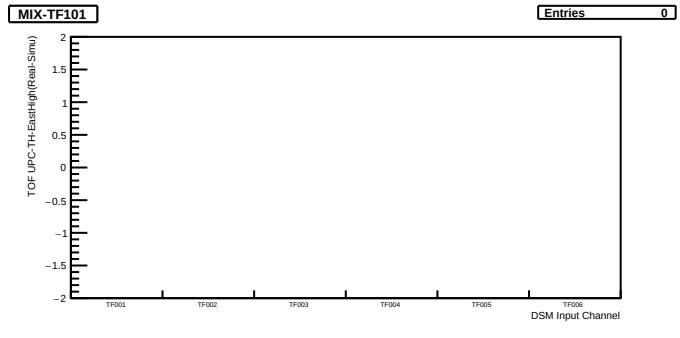

MIX-TF101
Entries 1.586843e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

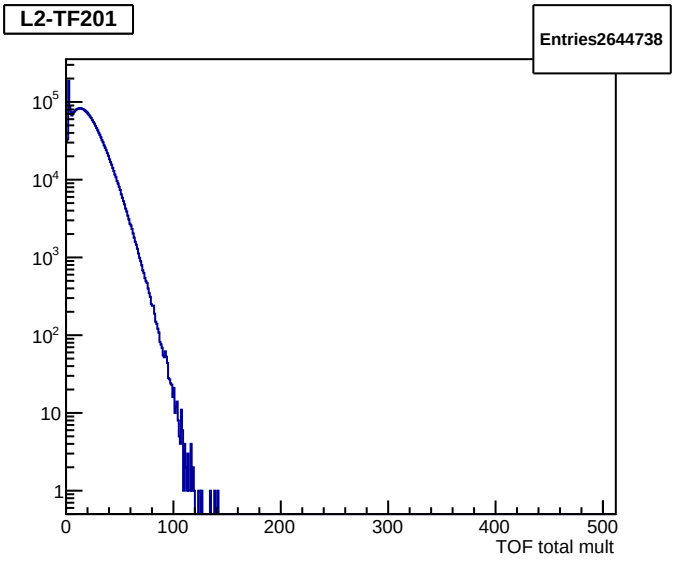

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

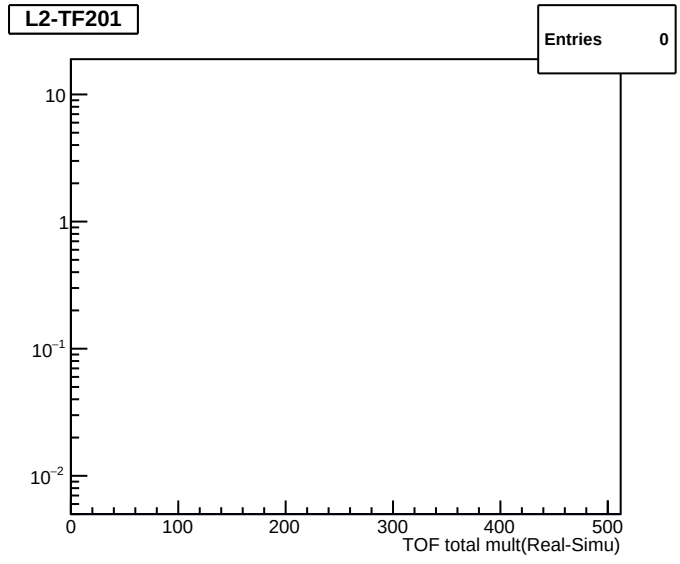

MIX-TF101
Entries 1.586843e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

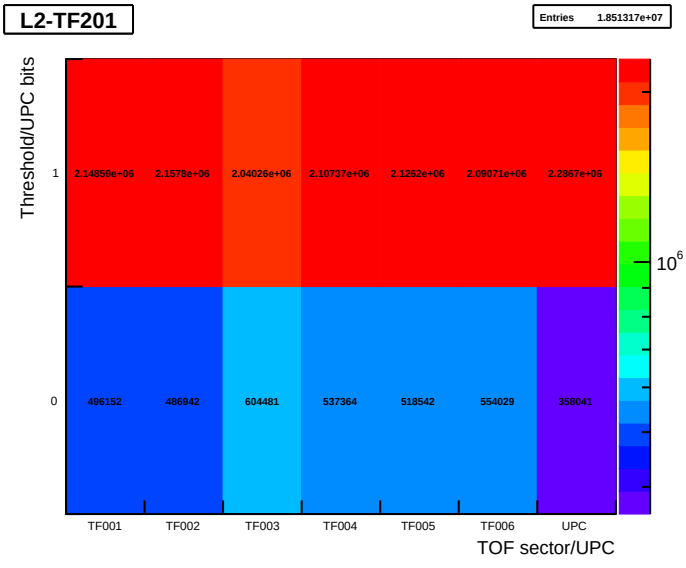

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

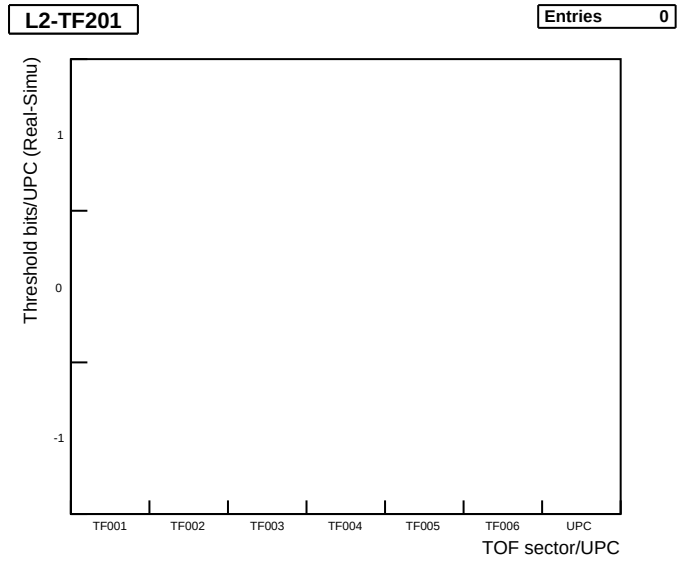

MIX-TF101
Entries 1.586843e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

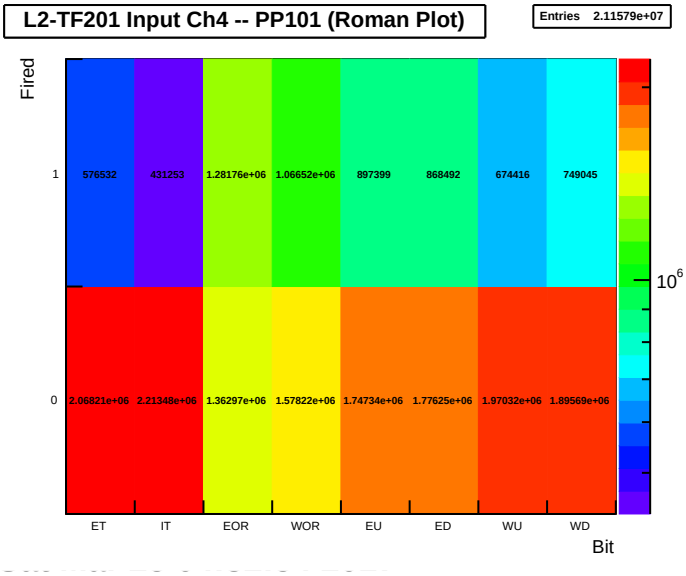

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

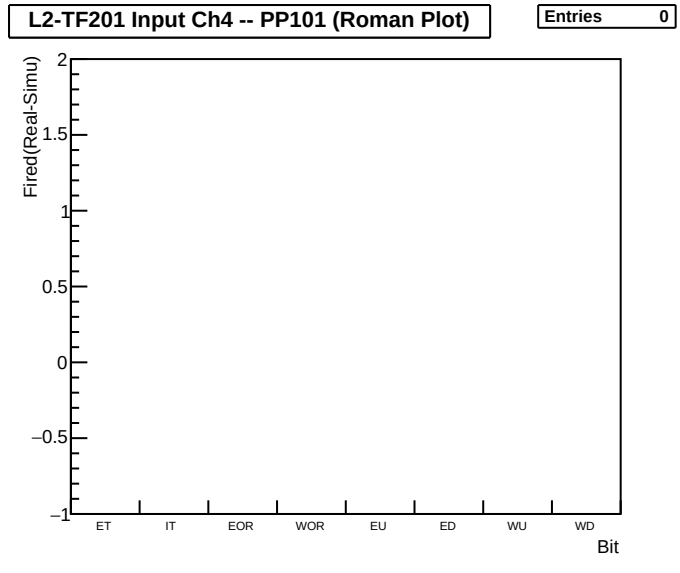

L2-TF201
Entries2644738
TOF total mult

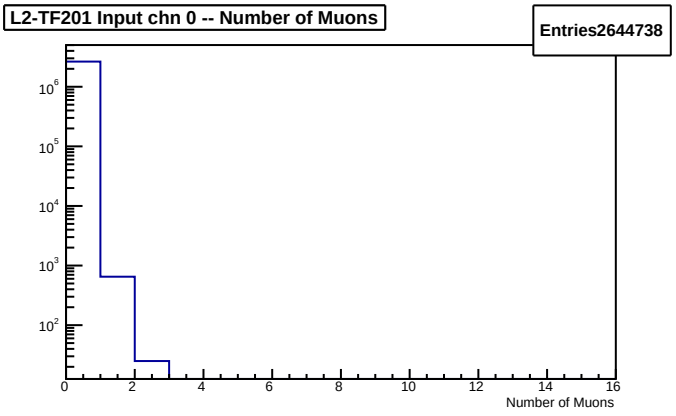

L2-TF201
Entries 0
TOF total mult(Real-Simu)

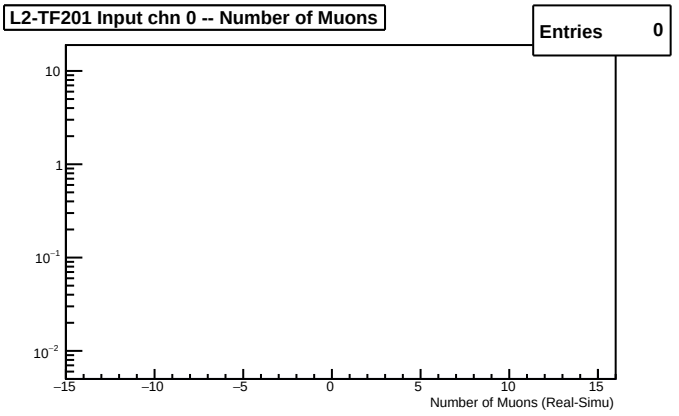

L2-TF201
Entries 1.851317e+07
Threshold/UPC bits
2.14859e+06
2.1578e+06
2.04026e+06
2.10737e+06
2.1262e+06
2.09071e+06
2.2867e+06
496152
486942
604481
537364
518542
554029
358041
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

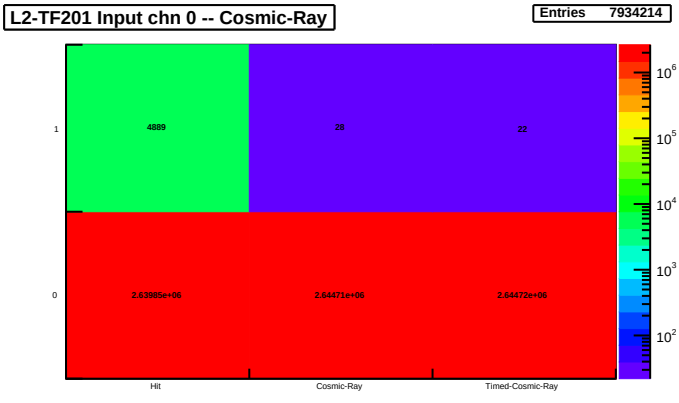

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

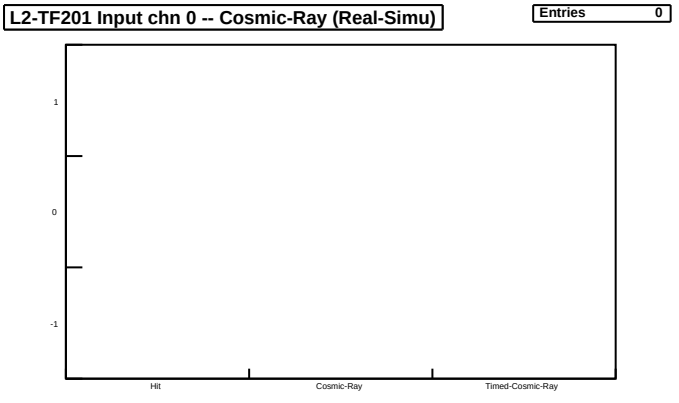

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 2.11579e+07
Fired
576532
431253
1.28176e+06
1.06652e+06
897399
868492
674416
749045
2.06821e+06
2.21348e+06
1.36297e+06
1.57822e+06
1.74734e+06
1.77625e+06
1.97032e+06
1.89569e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

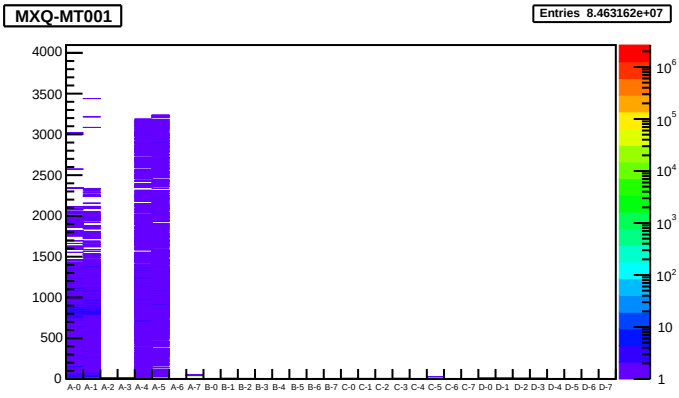

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

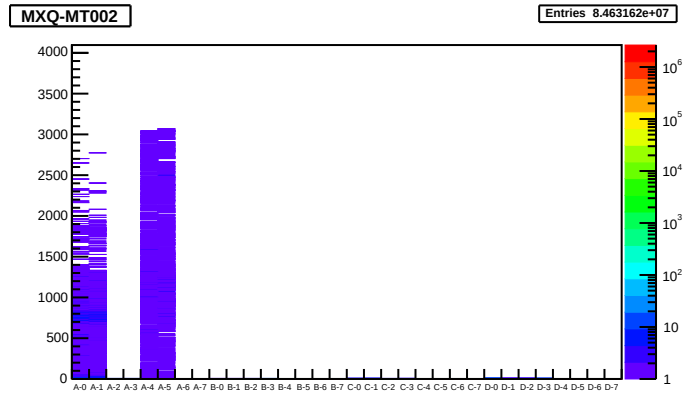

L2-TF201 Input chn 0 -- Number of Muons
Entries2644738
Number of Muons


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


L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 7934214
4889
28
22
2.63985e+06
2.64471e+06
2.64472e+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 8.463162e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT002
Entries 8.463162e+07
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3000
2500
2000
1500
1000
500
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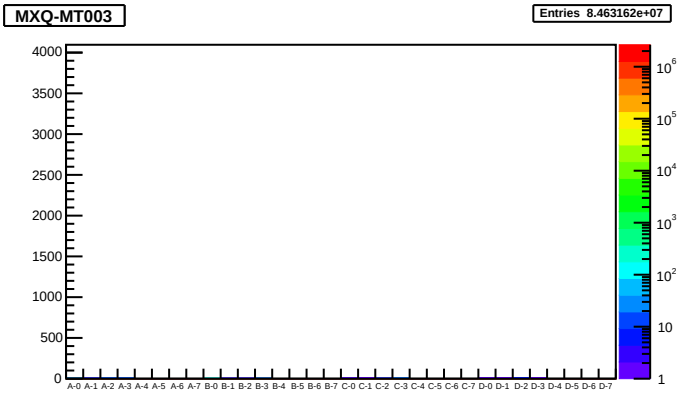
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT003
Entries 8.463162e+07
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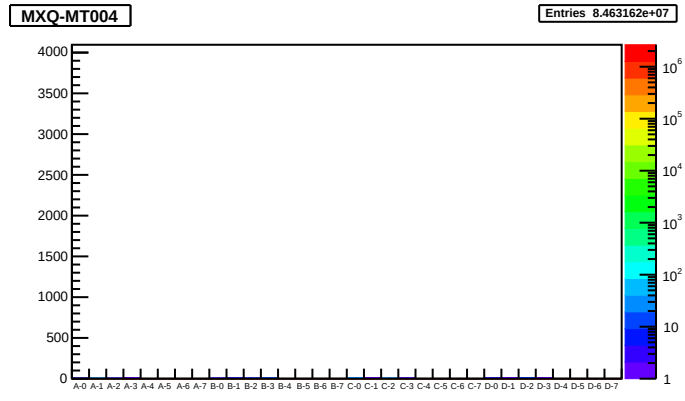
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT004
Entries 8.463162e+07
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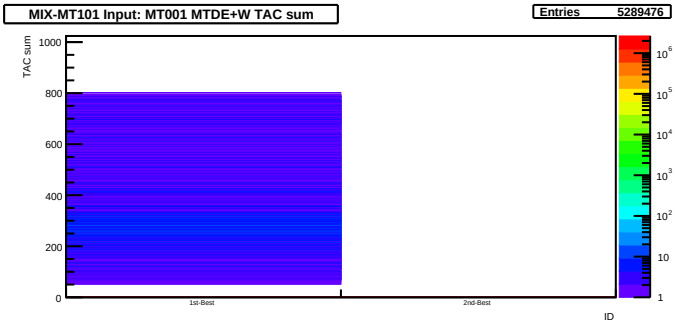
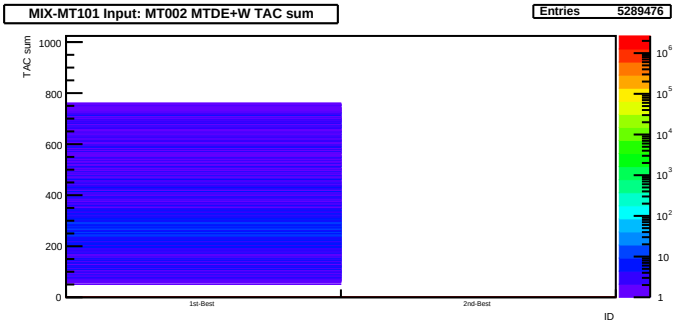
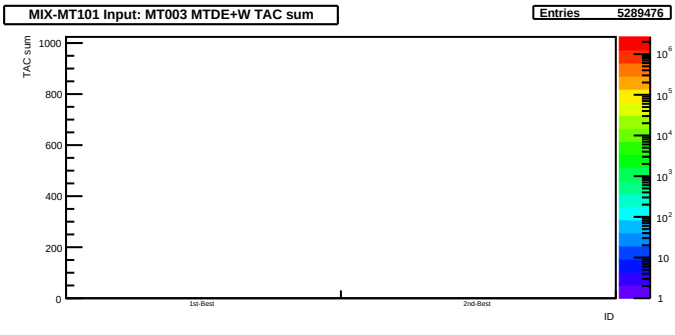
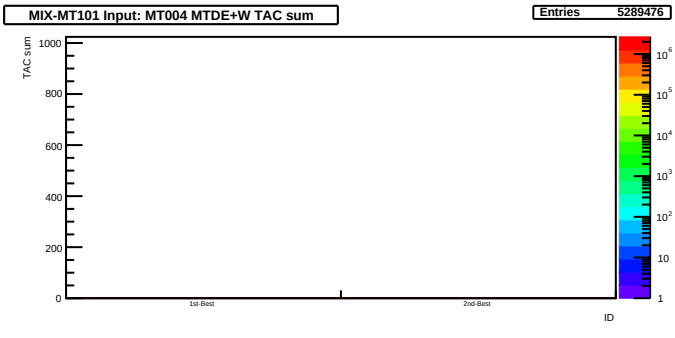
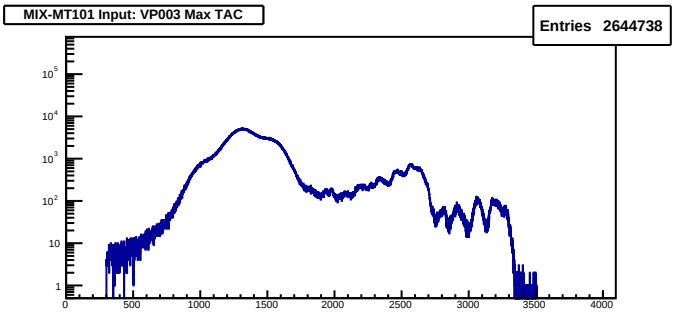
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

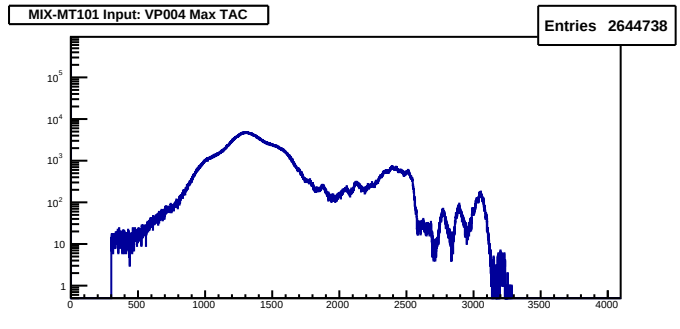

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 5289476
TAC sum
1st-Best
2nd-Best
ID

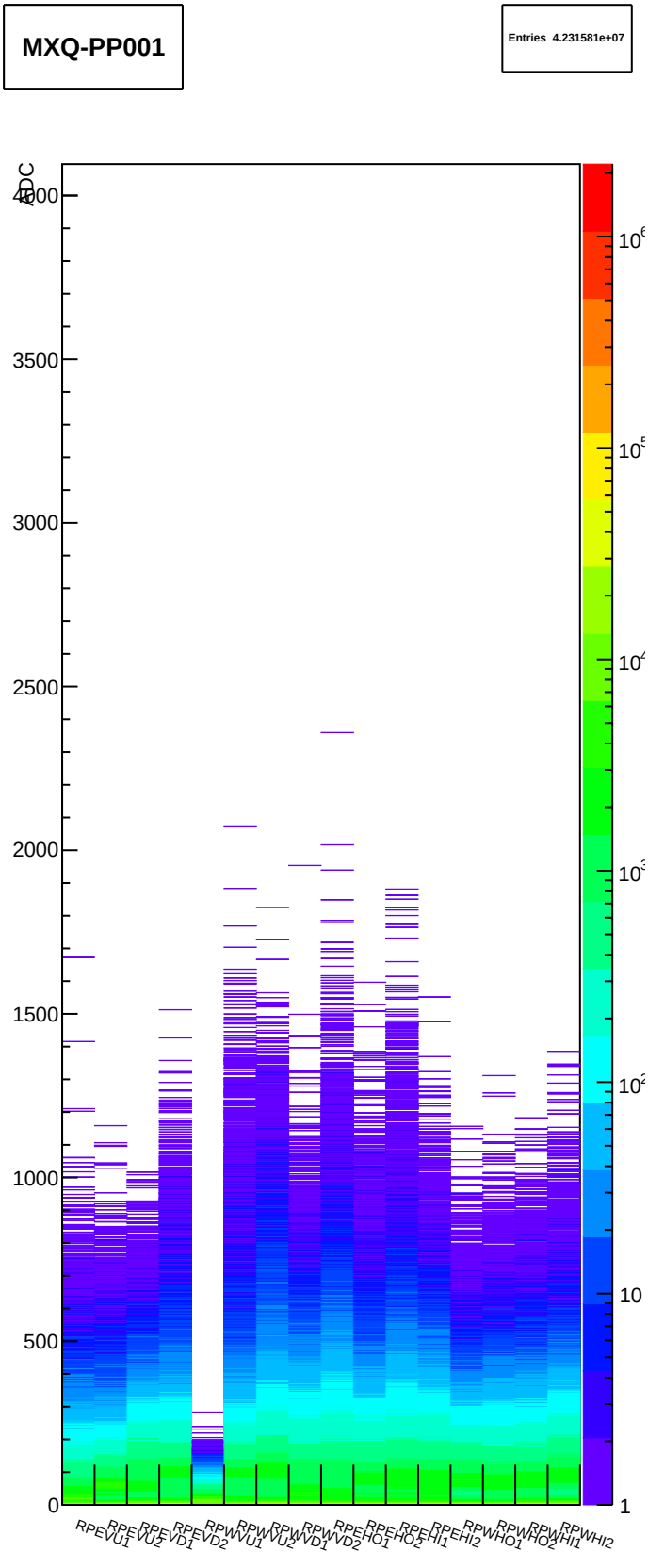

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 5289476
TAC sum
1st-Best
2nd-Best
ID

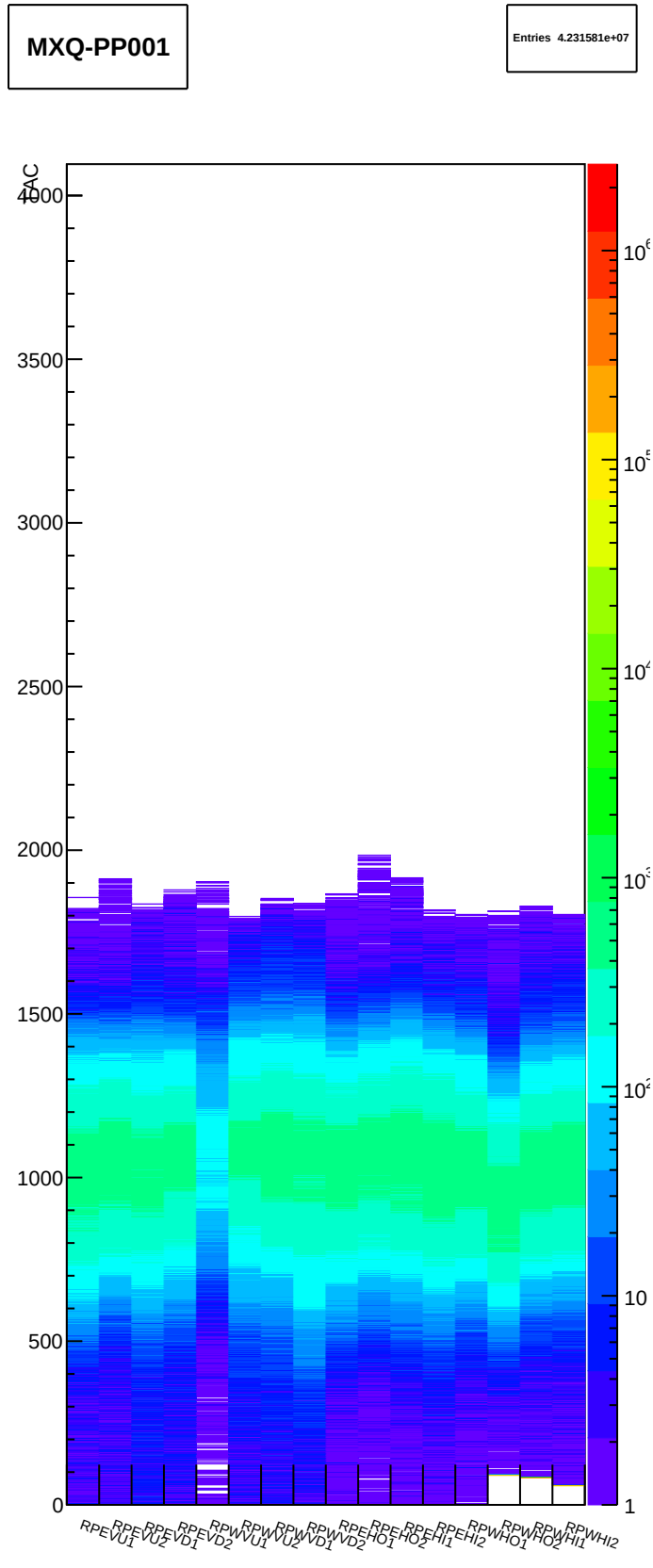

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 5289476
TAC sum
1st-Best
2nd-Best
ID

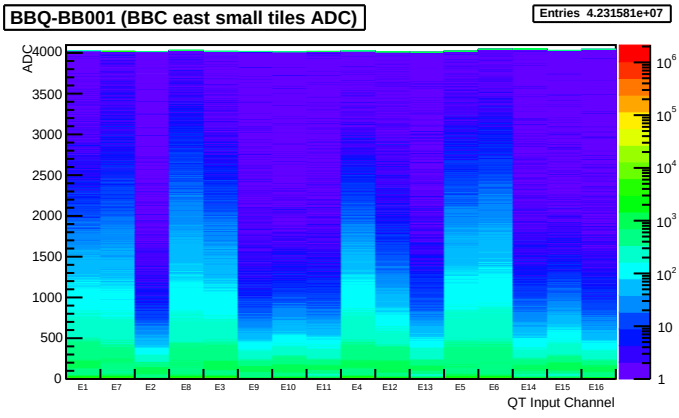

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 5289476
TAC sum
1st-Best
2nd-Best
ID

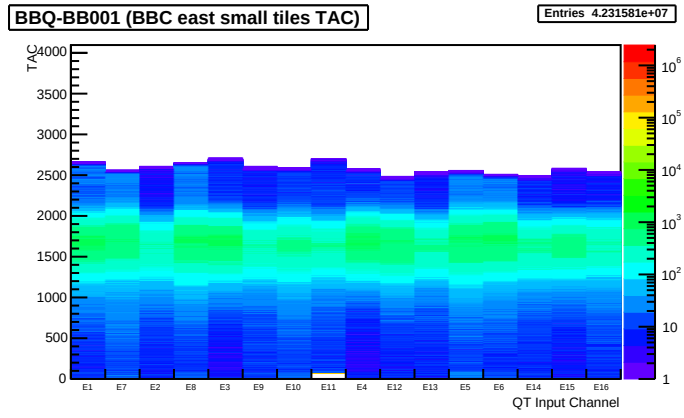

MIX-MT101 Input: VP003 Max TAC
Entries 2644738

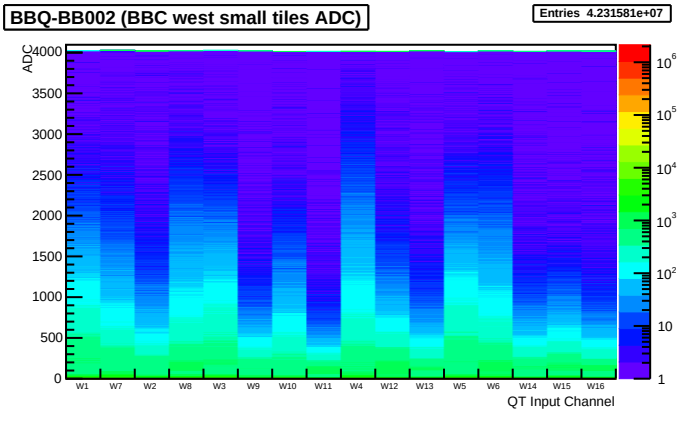

MIX-MT101 Input: VP004 Max TAC
Entries 2644738

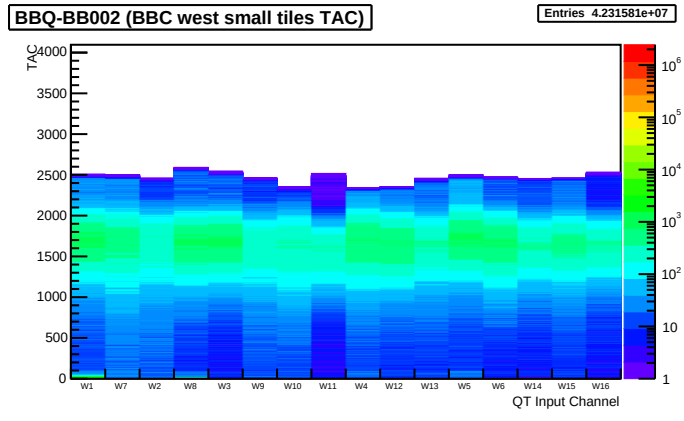

MXQ-PP001
Entries 4.231581e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

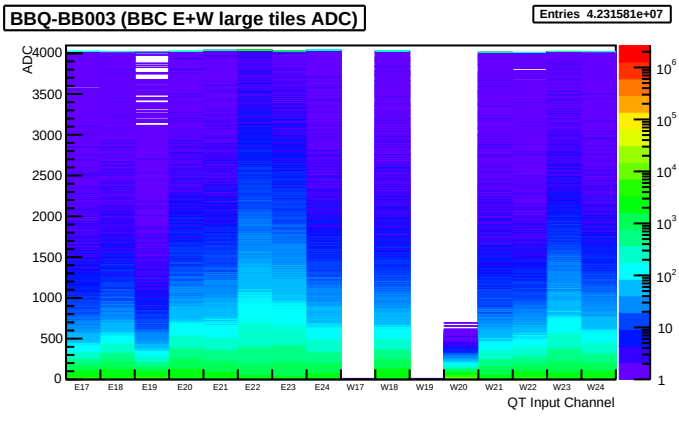

MXQ-PP001
Entries 4.231581e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

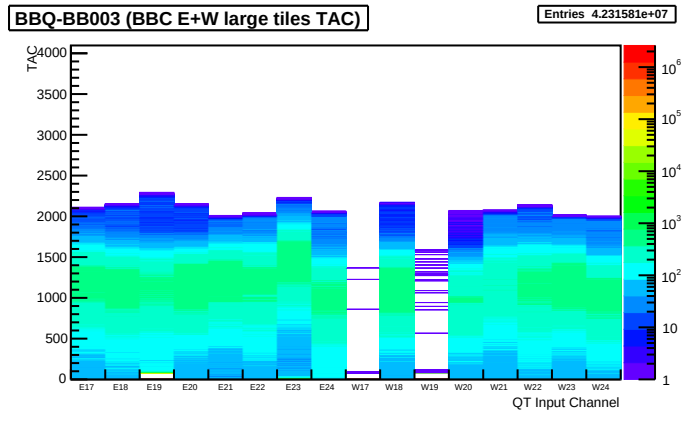

BBQ-BB001 (BBC east small tiles ADC)
Entries 4.231581e+07
ADC
QT Input Channel

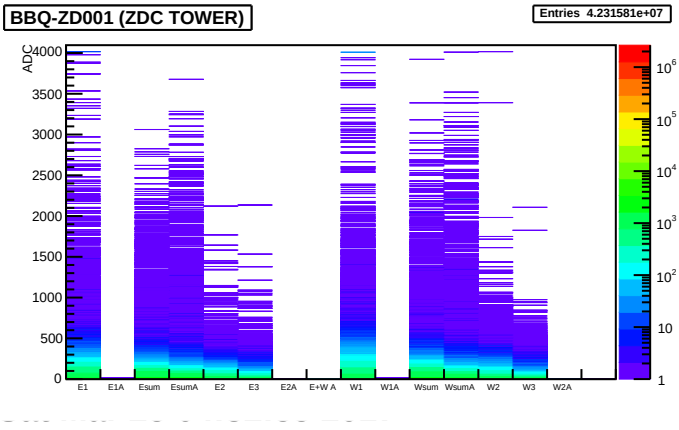

BBQ-BB001 (BBC east small tiles TAC)
Entries 4.231581e+07
TAC
QT Input Channel

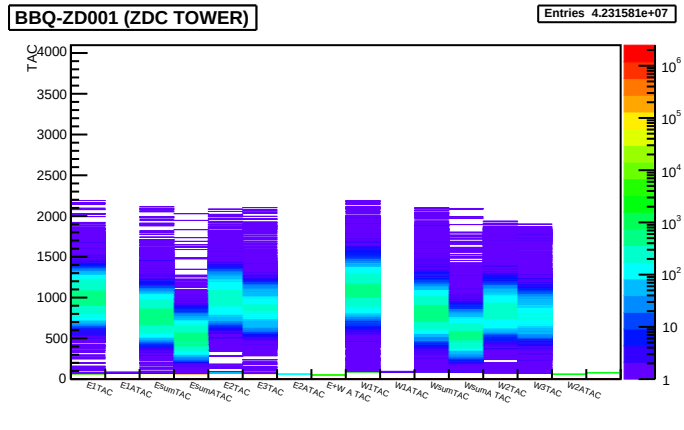

BBQ-BB002 (BBC west small tiles ADC)
Entries 4.231581e+07
ADC
QT Input Channel

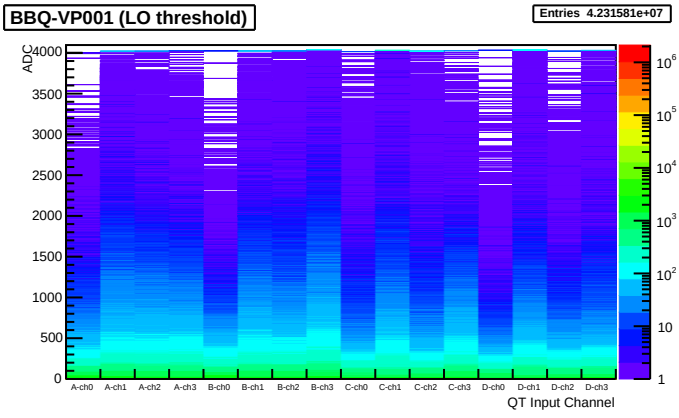

BBQ-BB002 (BBC west small tiles TAC)
Entries 4.231581e+07
TAC
QT Input Channel

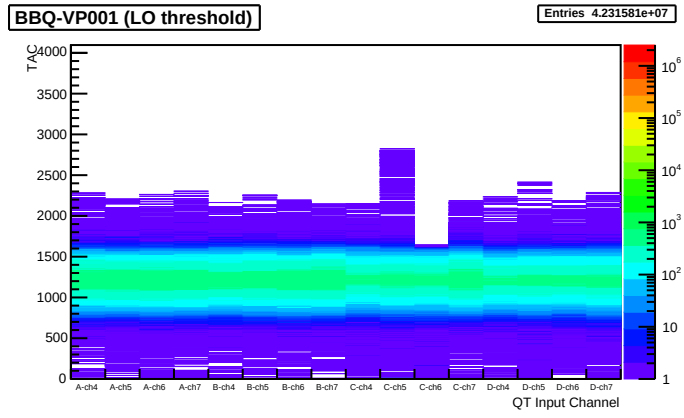

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 4.231581e+07
ADC
QT Input Channel

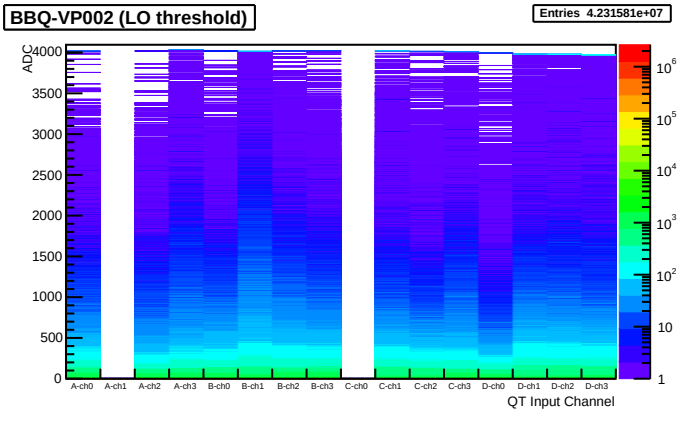

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 4.231581e+07
TAC
QT Input Channel

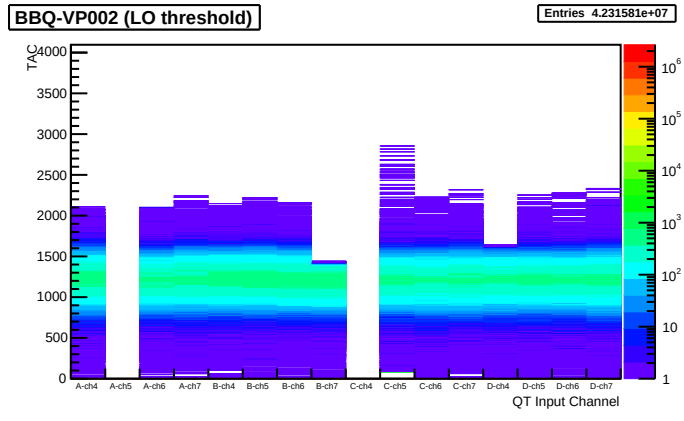

BBQ-ZD001 (ZDC TOWER)
Entries 4.231581e+07
ADC

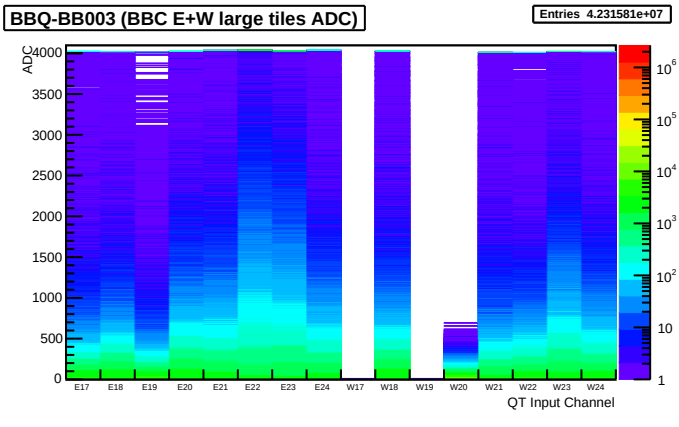

BBQ-ZD001 (ZDC TOWER)
Entries 4.231581e+07
TAC

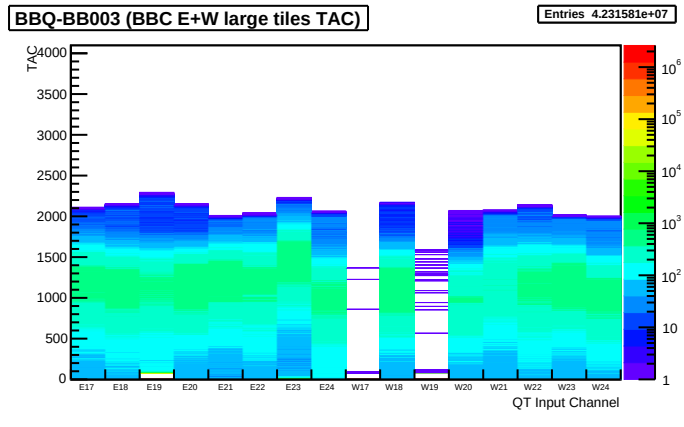

BBQ-VP001 (LO threshold)
Entries 4.231581e+07
ADC
QT Input Channel

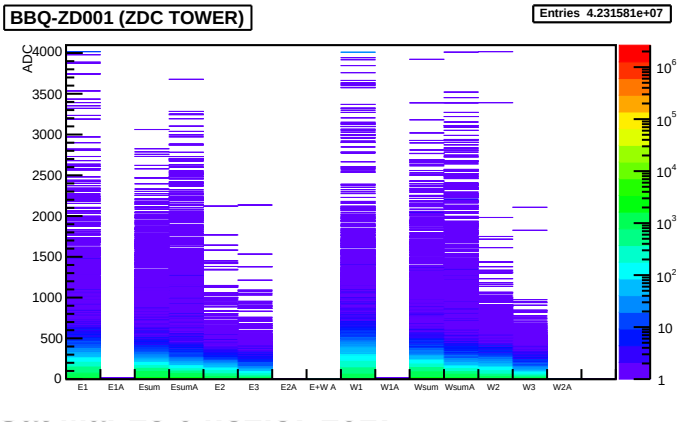

BBQ-VP001 (LO threshold)
Entries 4.231581e+07
TAC
QT Input Channel

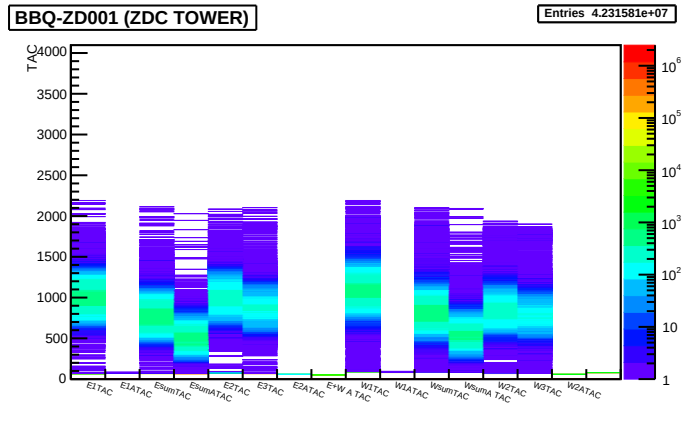

BBQ-VP002 (LO threshold)
Entries 4.231581e+07
ADC
QT Input Channel

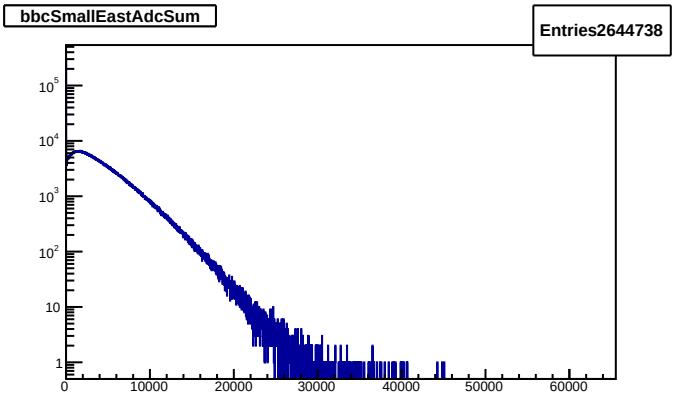

BBQ-VP002 (LO threshold)
Entries 4.231581e+07
TAC
QT Input Channel

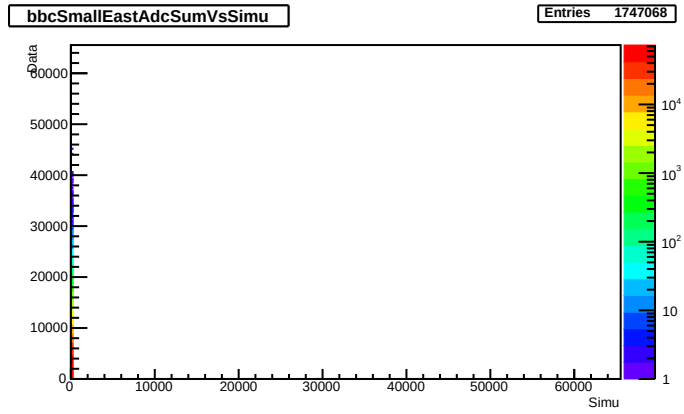

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 4.231581e+07
ADC
QT Input Channel

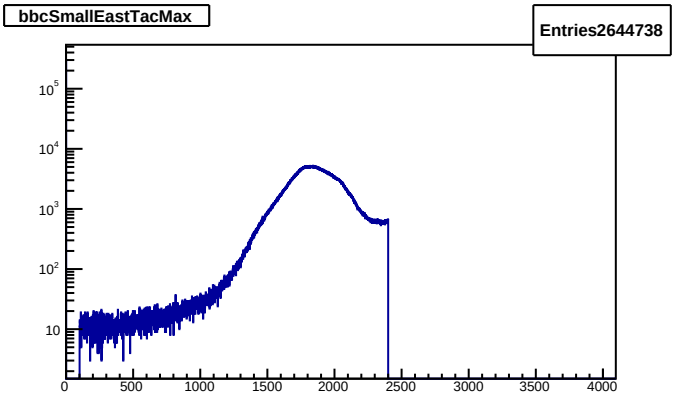

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 4.231581e+07
TAC
QT Input Channel

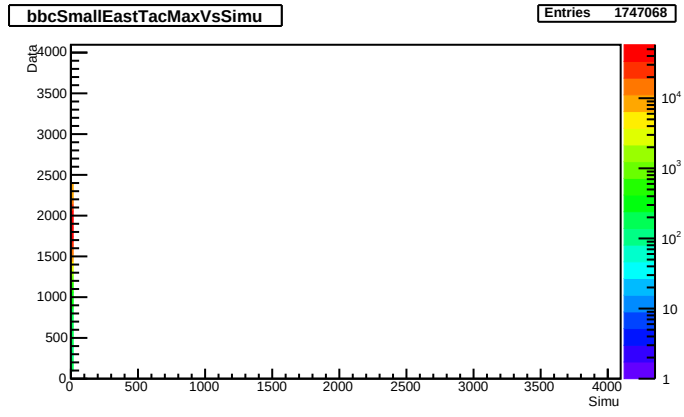

BBQ-ZD001 (ZDC TOWER)
Entries 4.231581e+07
ADC

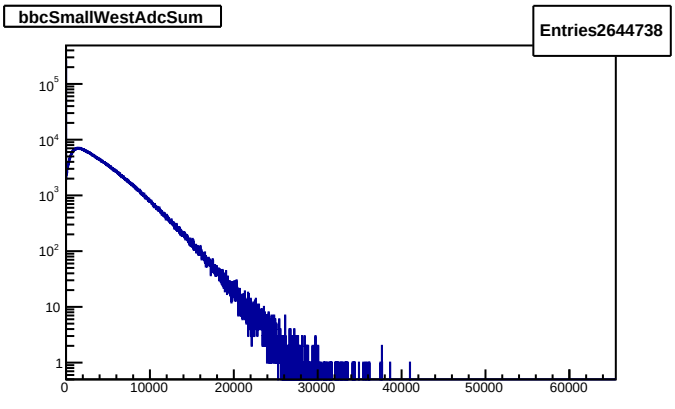

BBQ-ZD001 (ZDC TOWER)
Entries 4.231581e+07
TAC

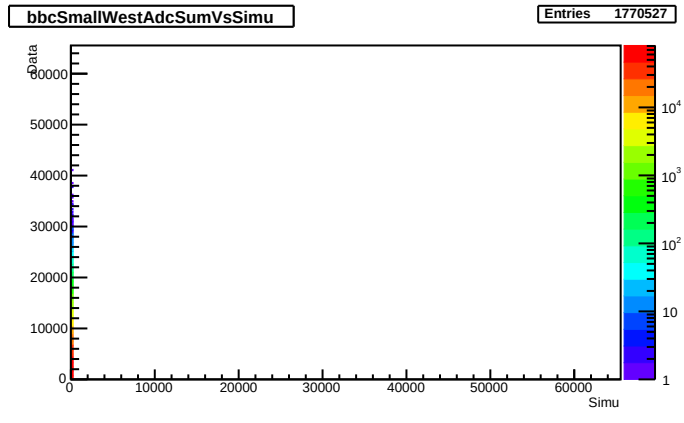

bbcSmallEastAdcSum
Entries2644738

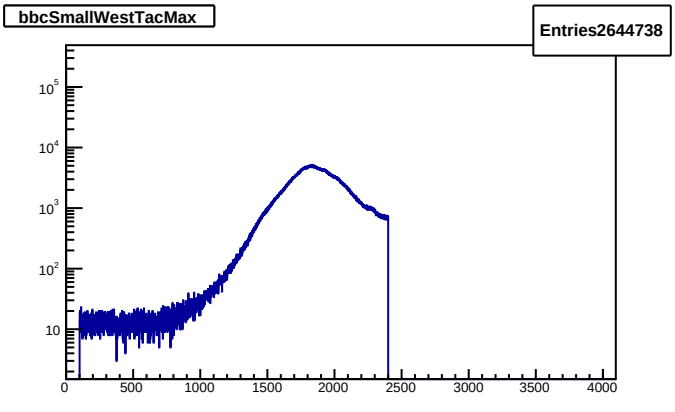

bbcSmallEastAdcSumVsSimu
Entries 1747068
Data
Simu

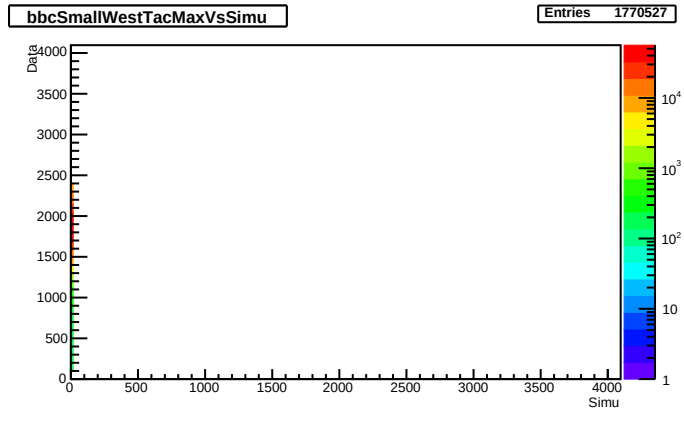

bbcSmallEastTacMax
Entries2644738

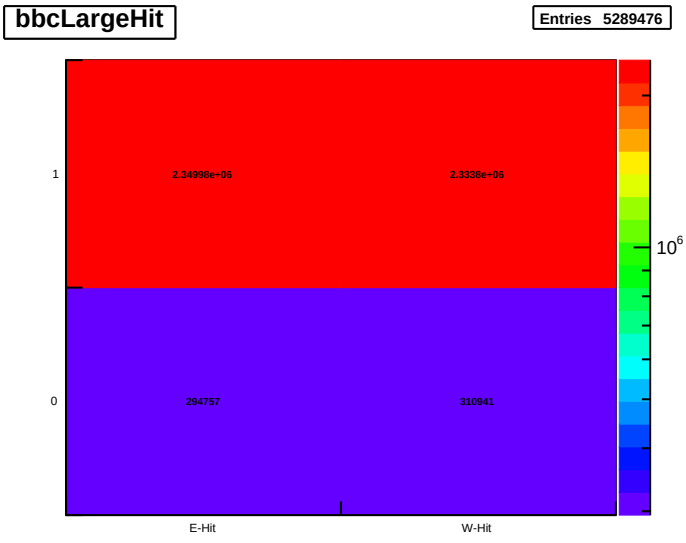

bbcSmallEastTacMaxVsSimu
Entries 1747068
Data
Simu

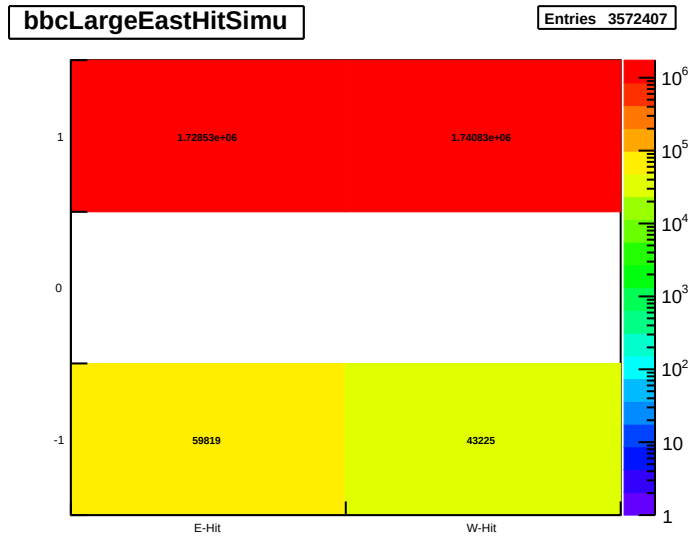

bbcSmallWestAdcSum
Entries2644738

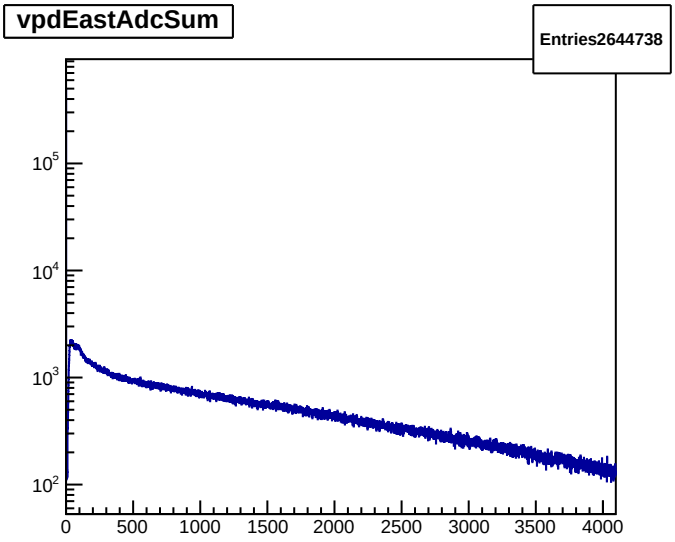

bbcSmallWestAdcSumVsSimu
Entries 1770527
Data
Simu

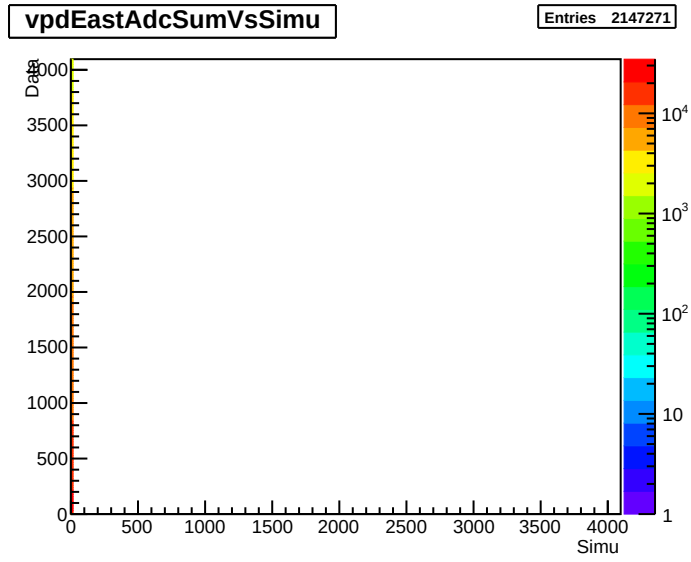

bbcSmallWestTacMax
Entries2644738

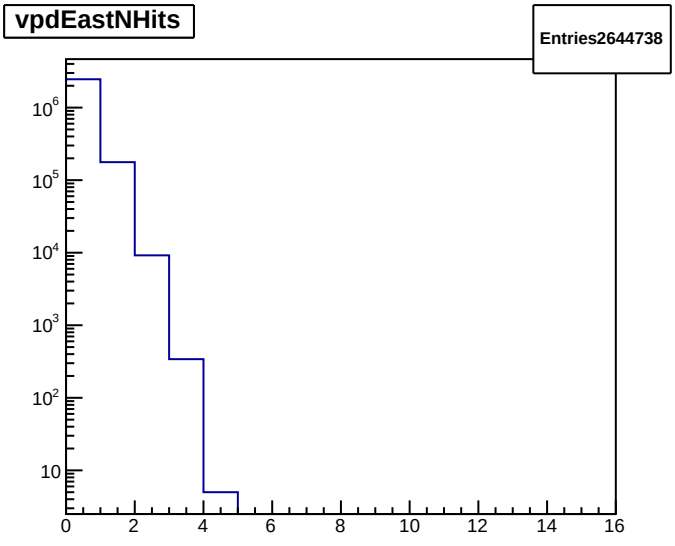

bbcSmallWestTacMaxVsSimu
Entries 1770527
Data
Simu

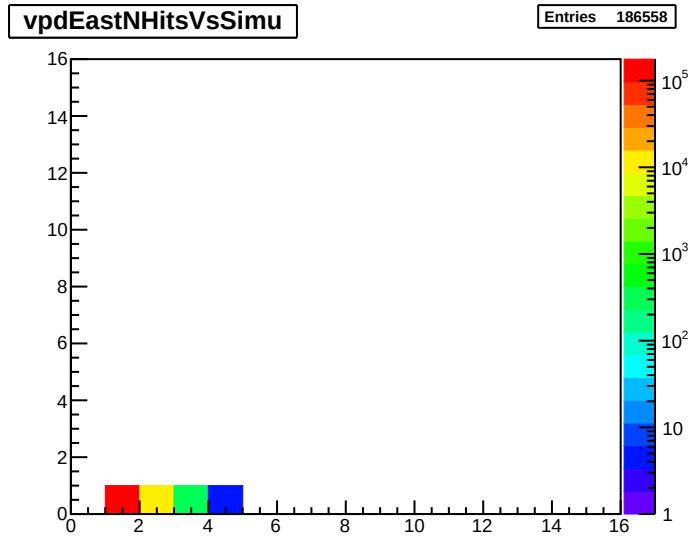

bbcLargeHit
Entries 5289476
1
0
2.34998e+06
2.3338e+06
294757
310941
E-Hit
W-Hit
10^6

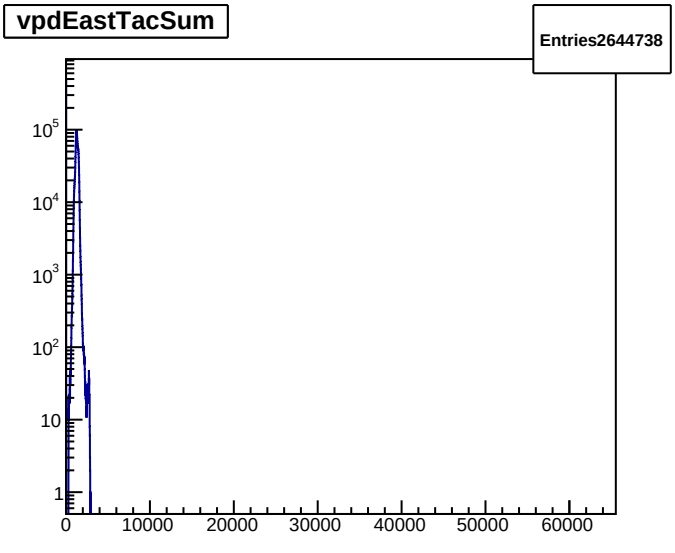

bbcLargeEastHitSimu
Entries 3572407
1
0
-1
1.72853e+06
1.74083e+06
59819
43225
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

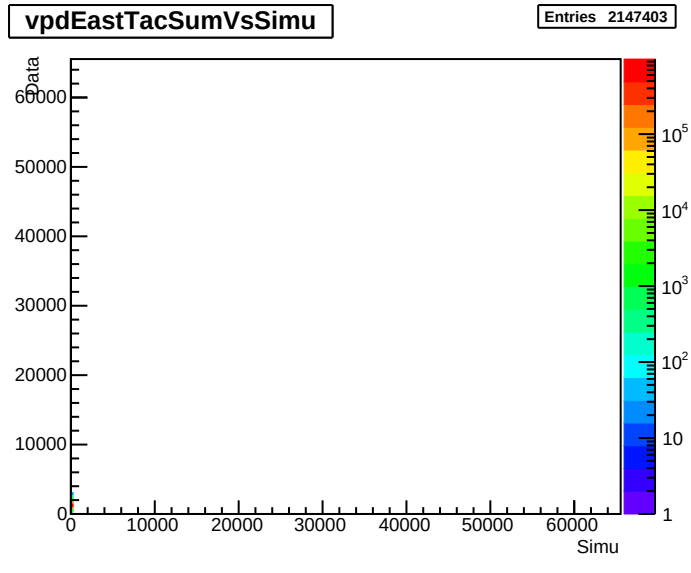

vpdEastAdcSum
Entries2644738

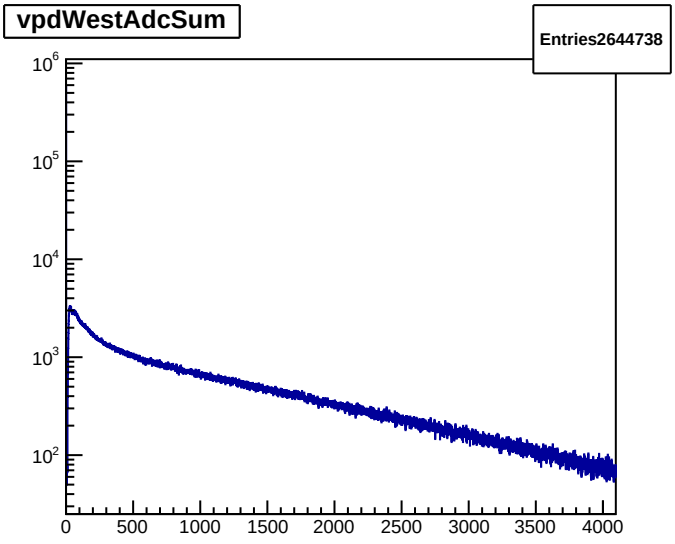

vpdEastAdcSumVsSimu
Entries 2147271
Data
Simu

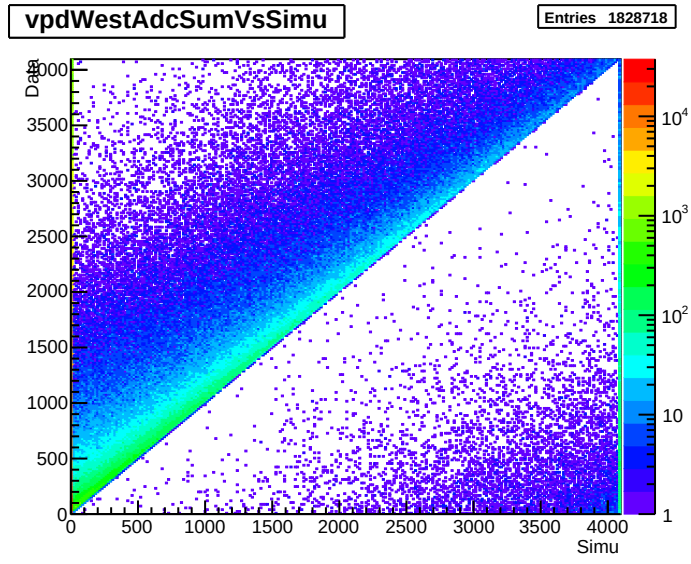

vpdEastNHits
Entries2644738

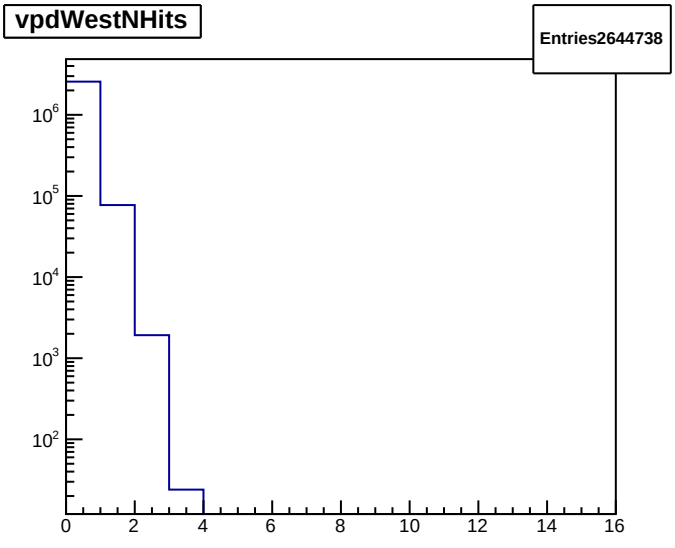

vpdEastNHitsVsSimu
Entries 186558

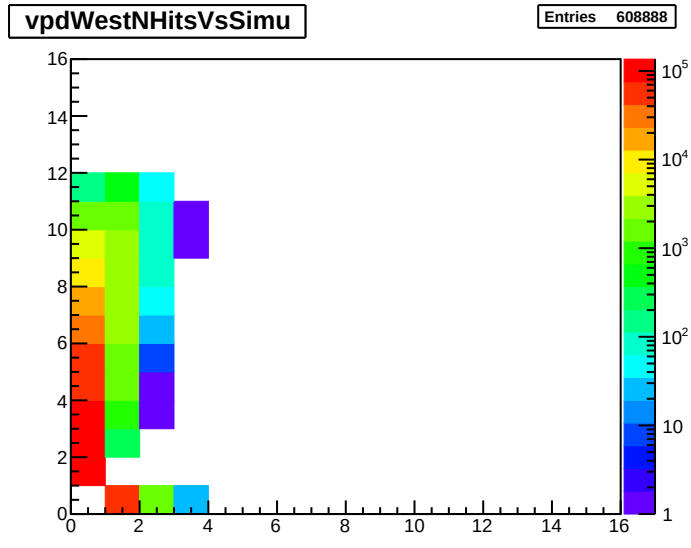

vpdEastTacSum
Entries2644738

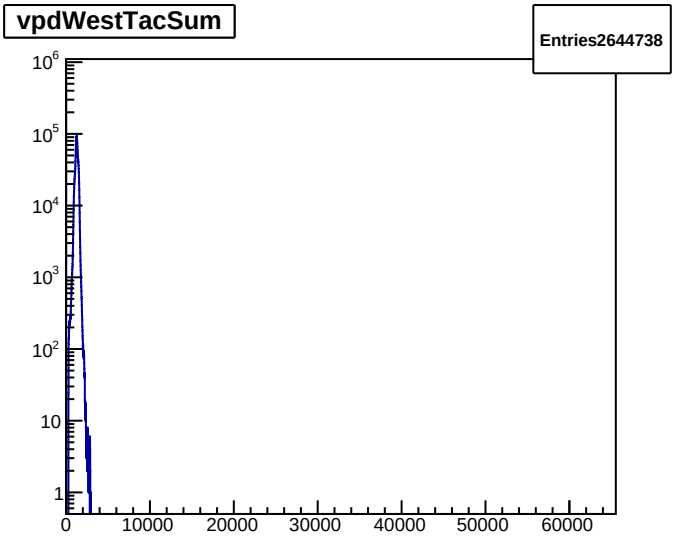

vpdEastTacSumVsSimu
Entries 2147403
Data
Simu

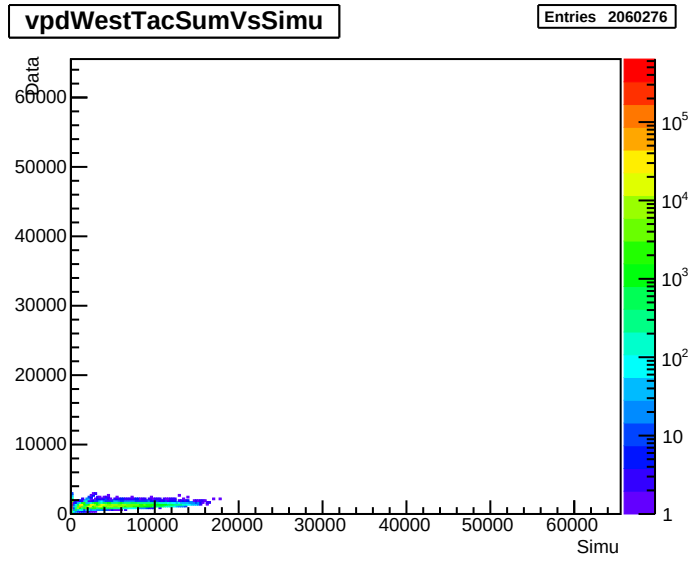

vpdWestAdcSum
Entries2644738

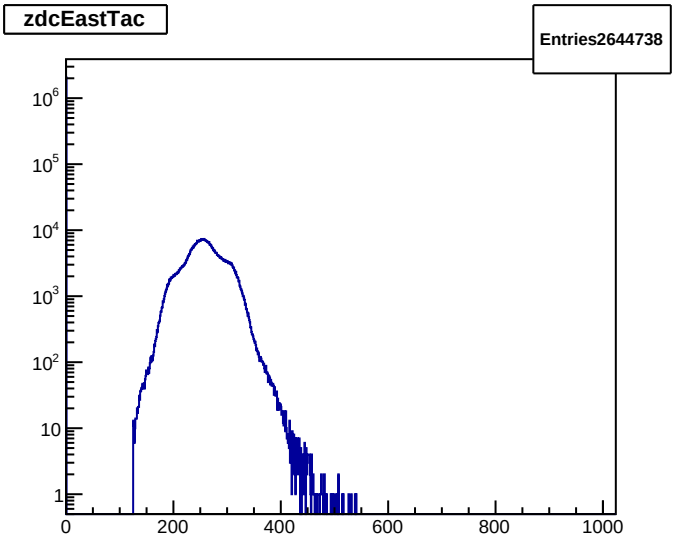

vpdWestAdcSumVsSimu
Entries 1828718
Data
Simu

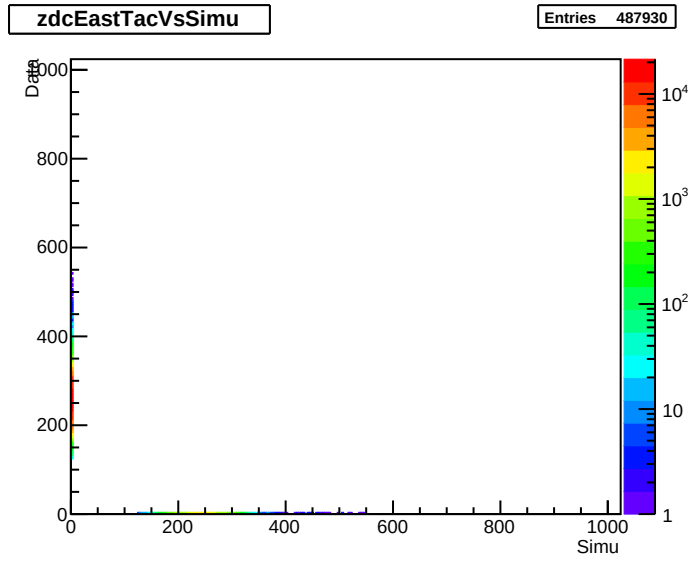

vpdWestNHits
Entries2644738

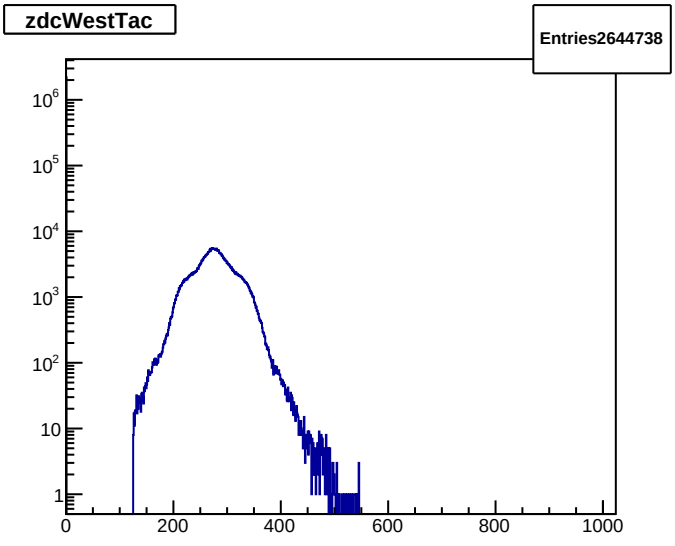

vpdWestNHitsVsSimu
Entries 608888

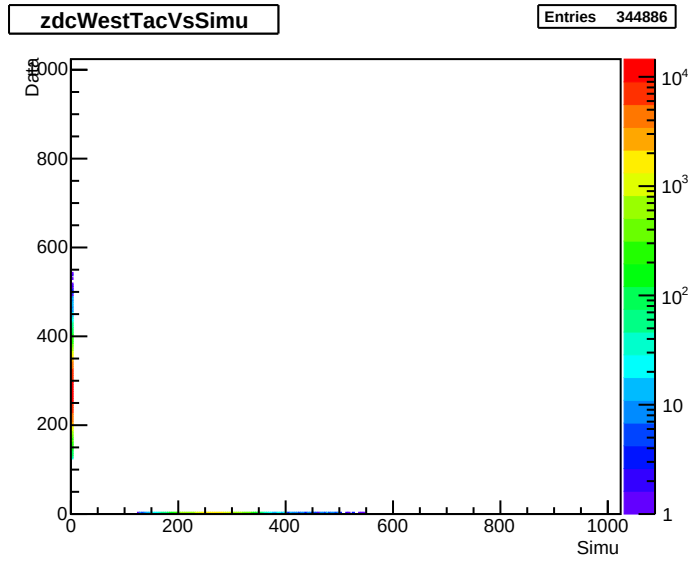

vpdWestTacSum
Entries2644738

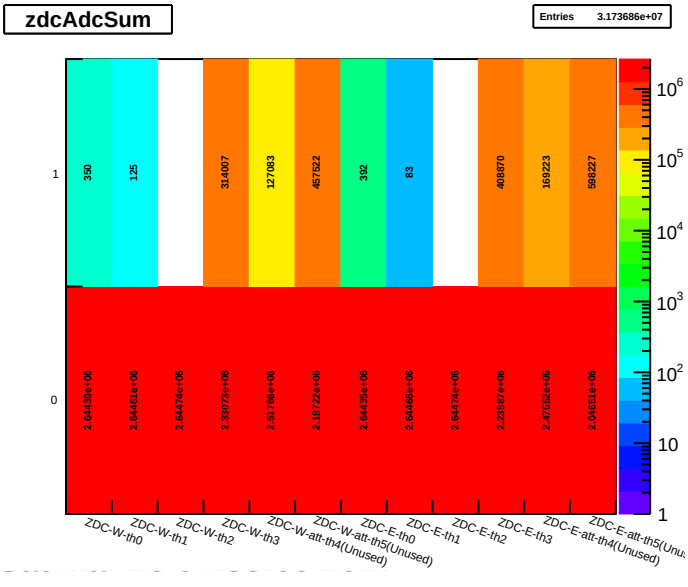

vpdWestTacSumVsSimu
Entries 2060276
Data
Simu

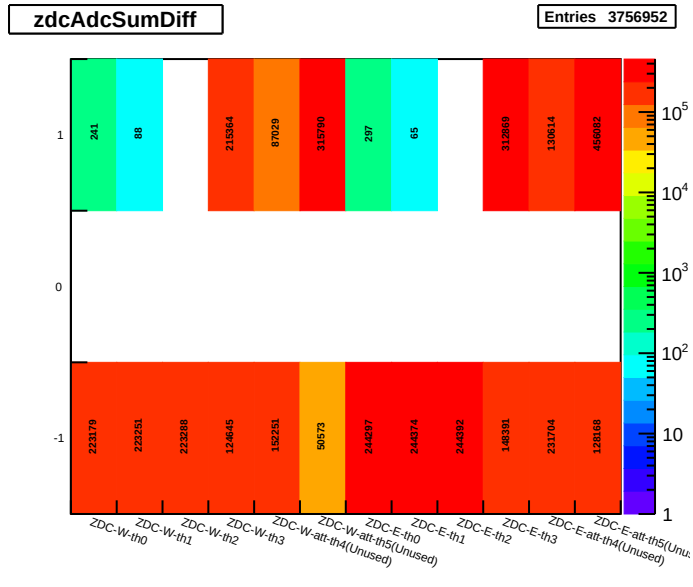

zdcEastTac
Entries2644738

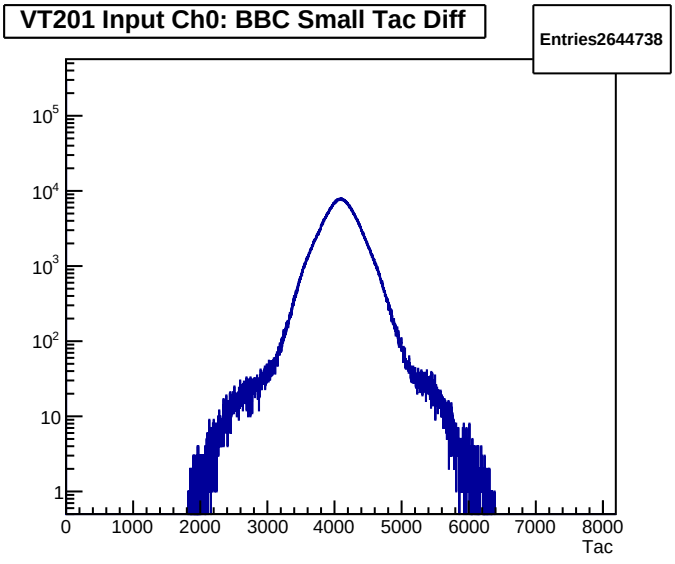

zdcEastTacVsSimu
Entries 487930
Data
Simu

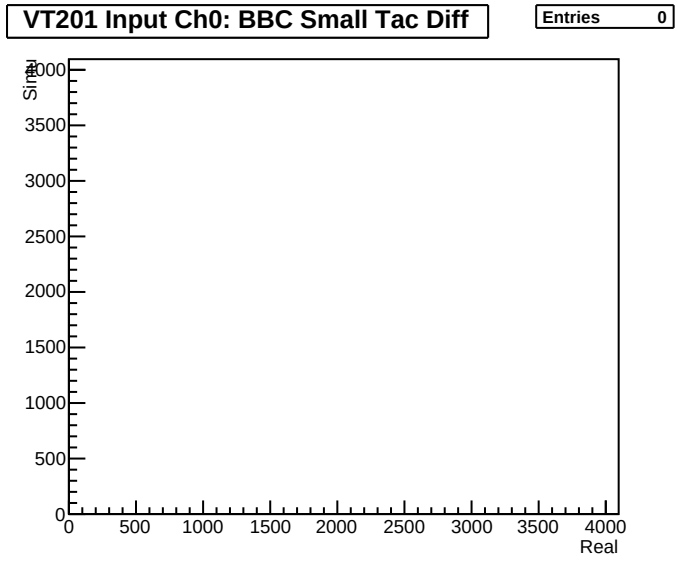

zdcWestTac
Entries2644738

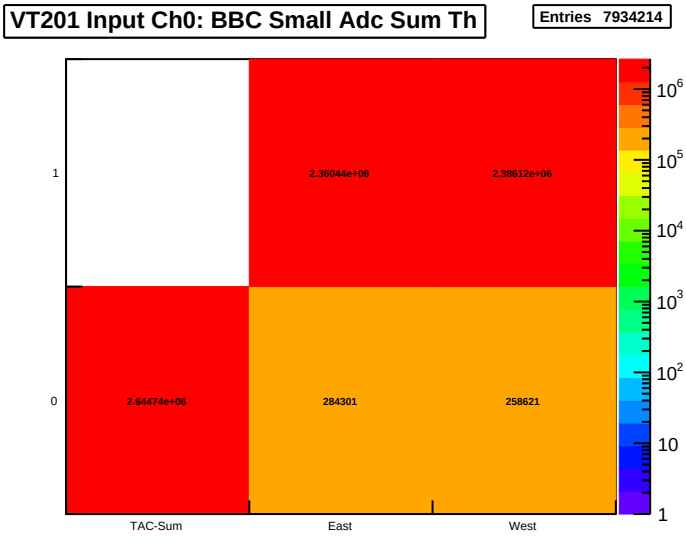

zdcWestTacVsSimu
Entries 344886
Data
Simu

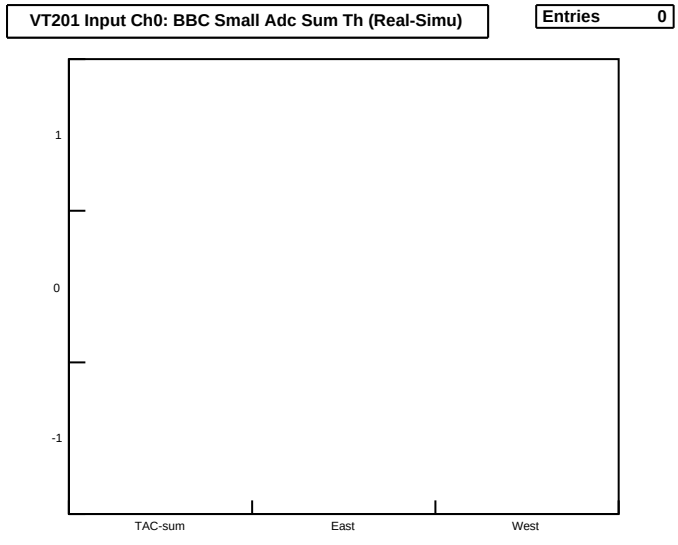

zdcAdcSum
Entries 3.173686e+07
350
125
314007
127083
457522
392
83
408870
169223
598227
2.64439e+06
2.64461e+06
2.64474e+06
2.33073e+06
2.51766e+06
2.18722e+06
2.64435e+06
2.64466e+06
2.64474e+06
2.23587e+06
2.47552e+06
2.04651e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

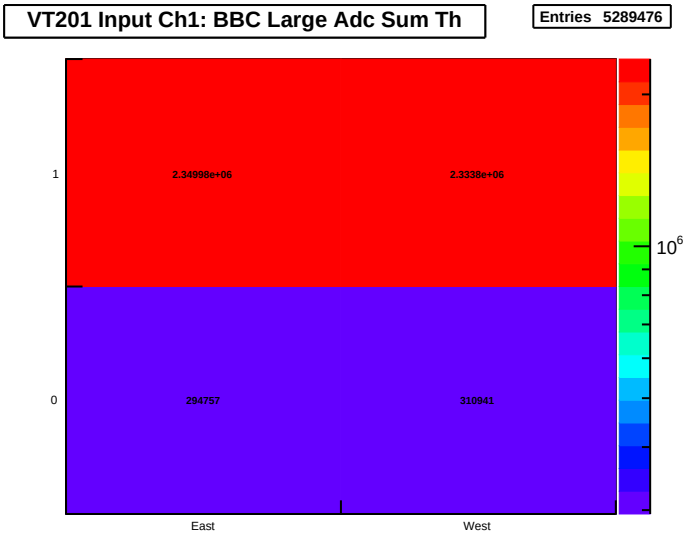

zdcAdcSumDiff
Entries 3756952
241
88
215364
87029
315700
297
65
312869
130614
456082
223179
223251
223288
124645
152251
50573
244297
244374
244392
148391
231704
128168
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

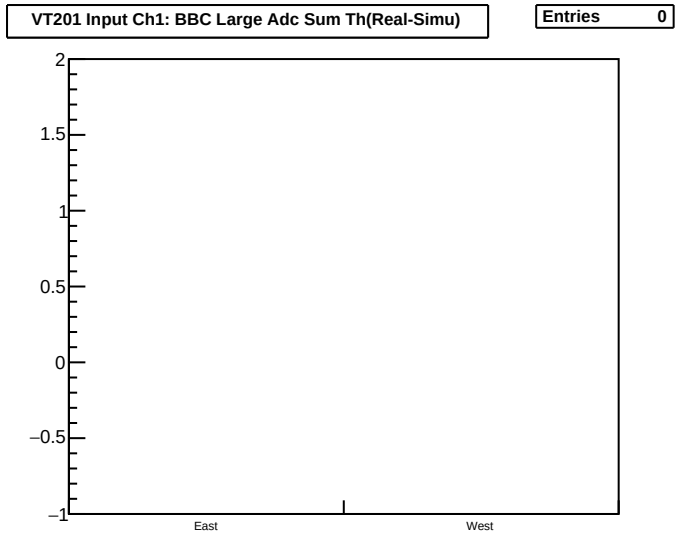

VT201 Input Ch0: BBC Small Tac Diff
Entries2644738
Tac


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

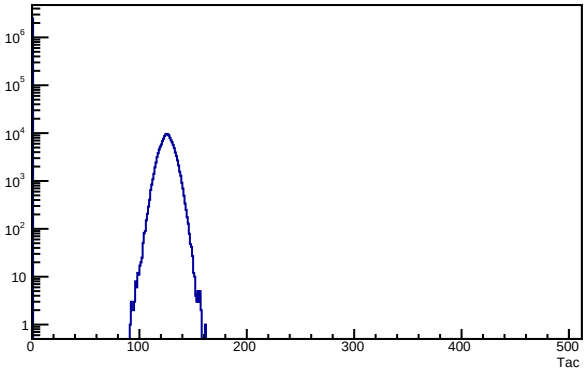

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 7934214
2.36044e+06
2.38612e+06
2.64474e+06
284301
258621
TAC-Sum
East
West


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

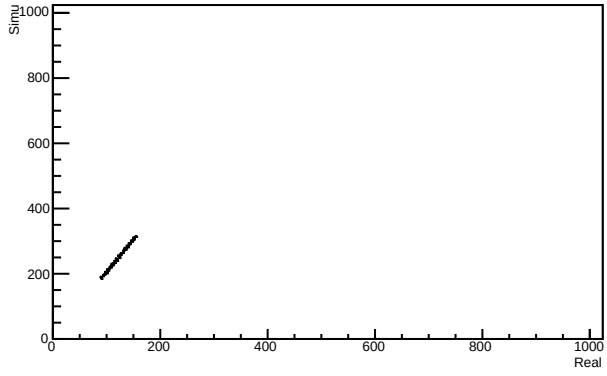

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 5289476
2.34998e+06
2.3338e+06
294757
310941
East
West


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

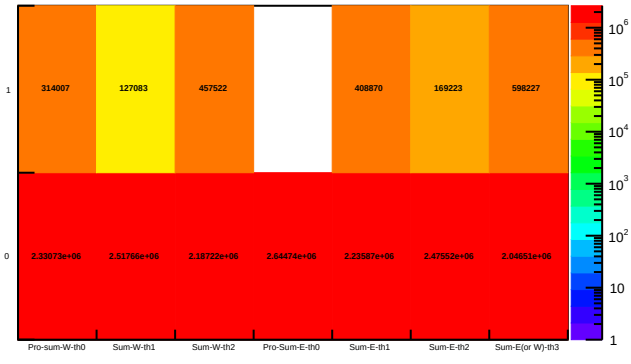
VT201 Input Ch2: ZDC Tac Diff



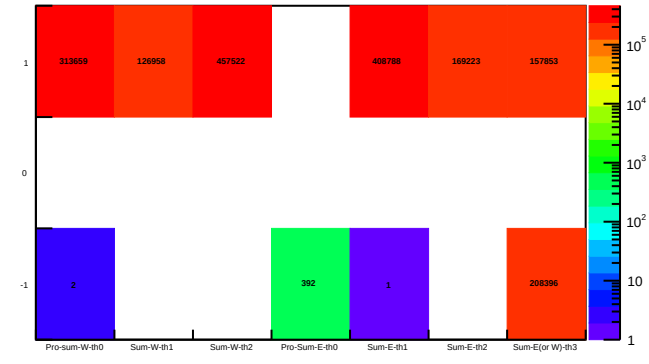
VT201 Input Ch2: ZDC Tac Diff



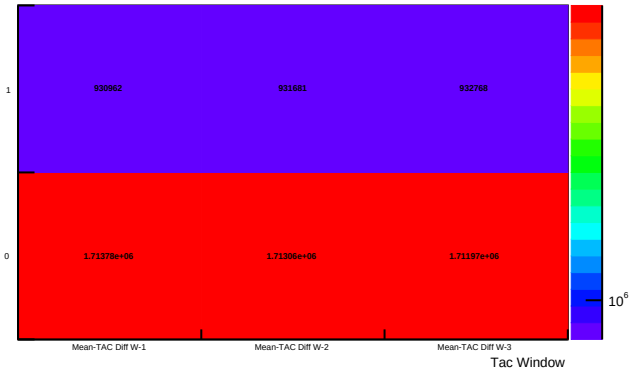
VT201 Input Ch2: ZDC Adc Sum Th



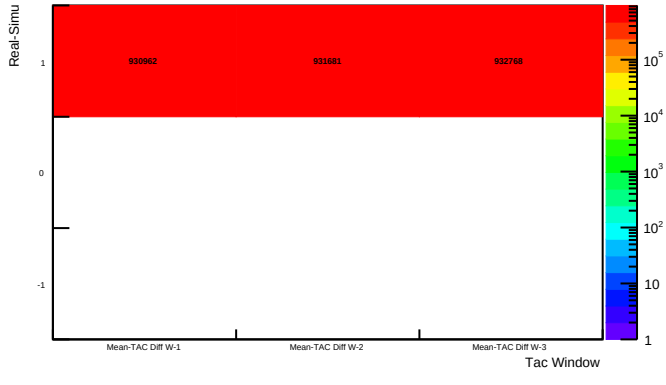
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



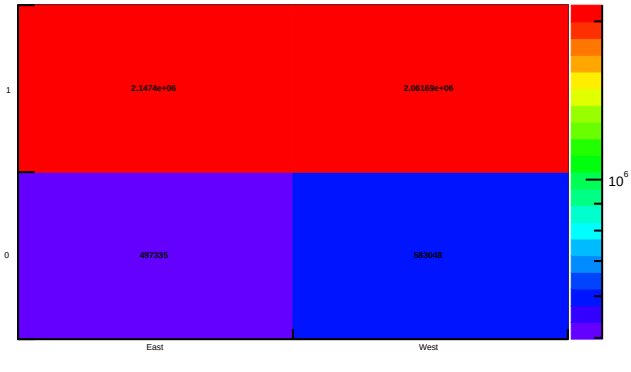
VT201 Input Ch4: VPD Tac Diff



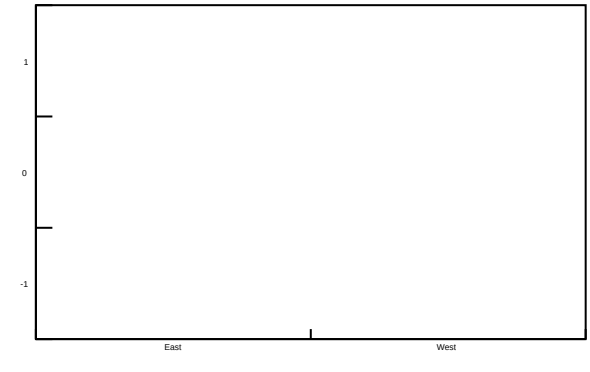
VT201 Input Ch4: VPD Tac Diff

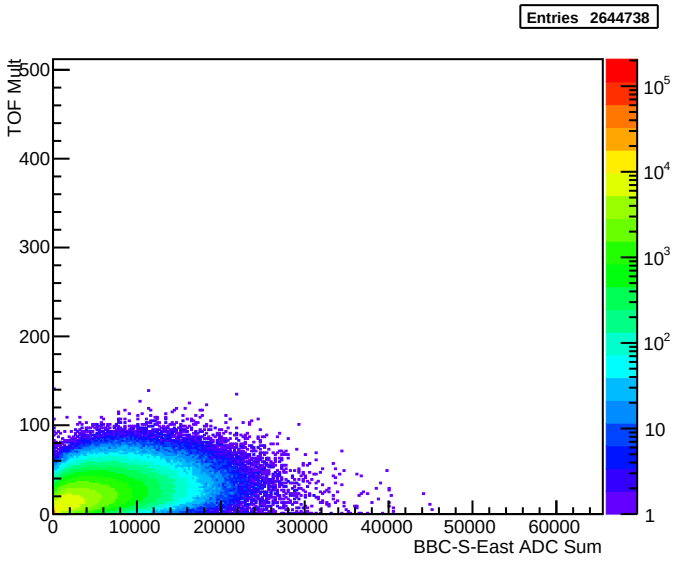


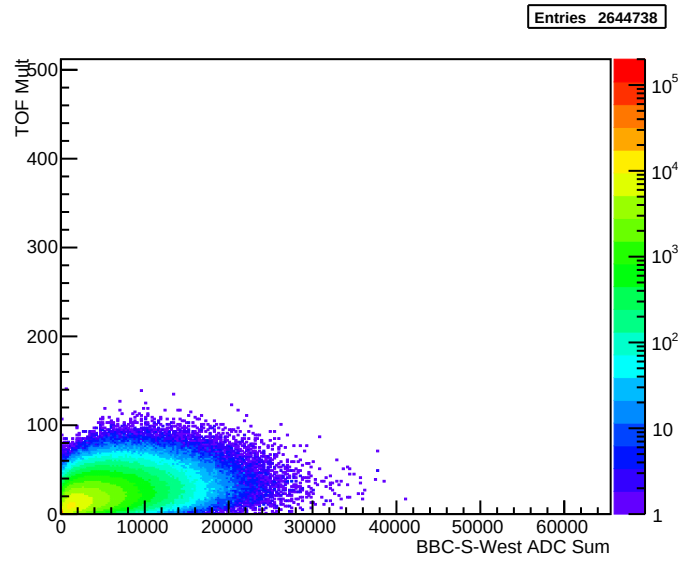
VT201 Input Ch4: VPD Adc Sum Th

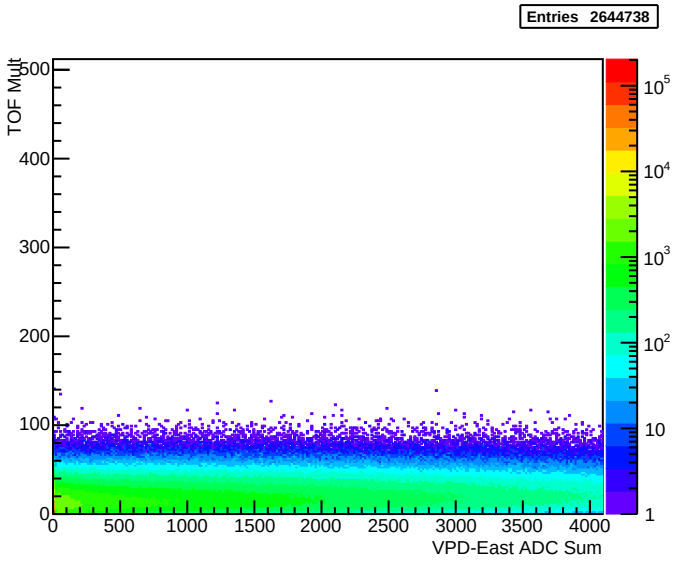


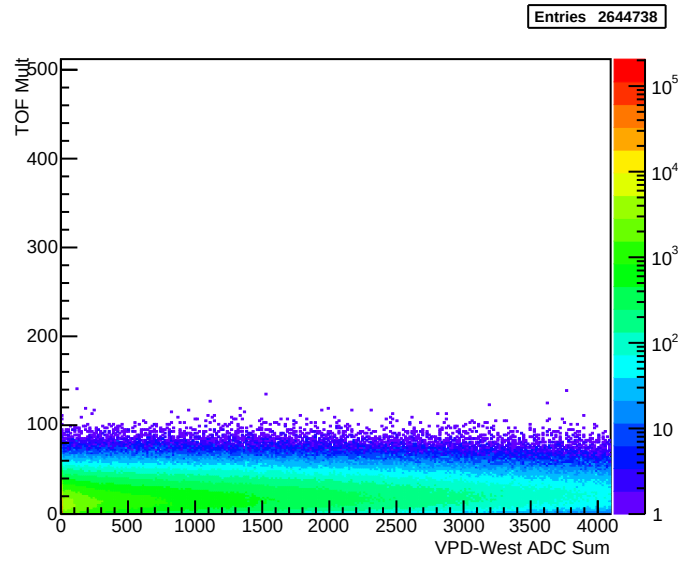
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

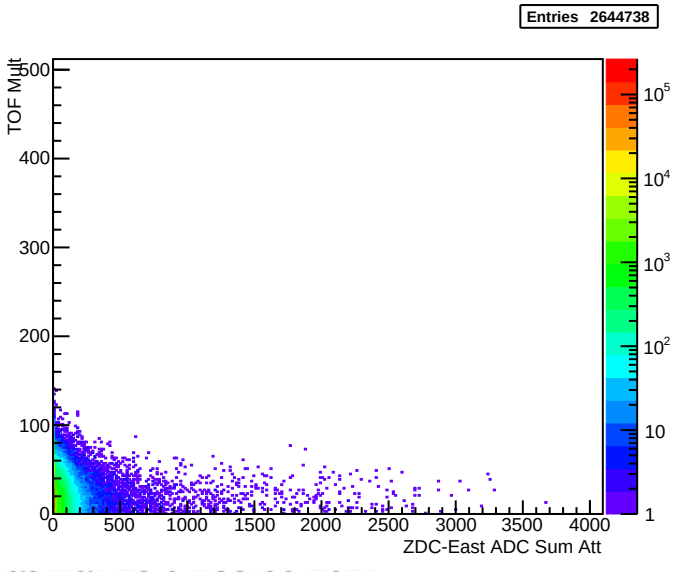


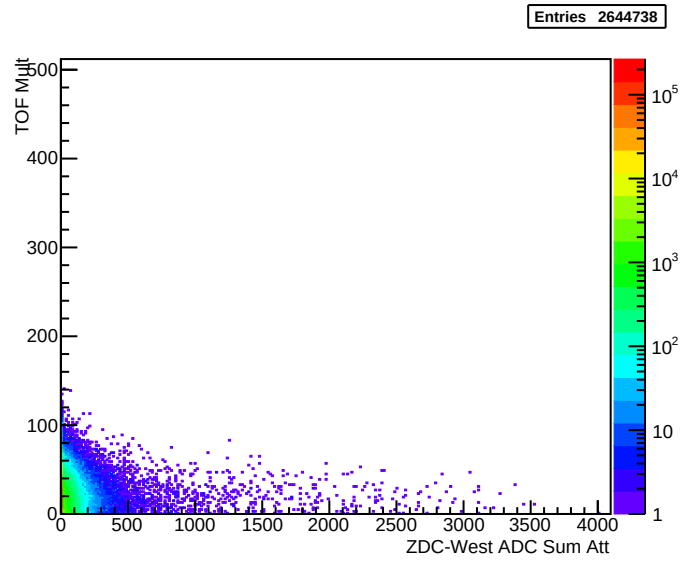

Entries 2644738
TOF Mult
BBC-S-East ADC Sum

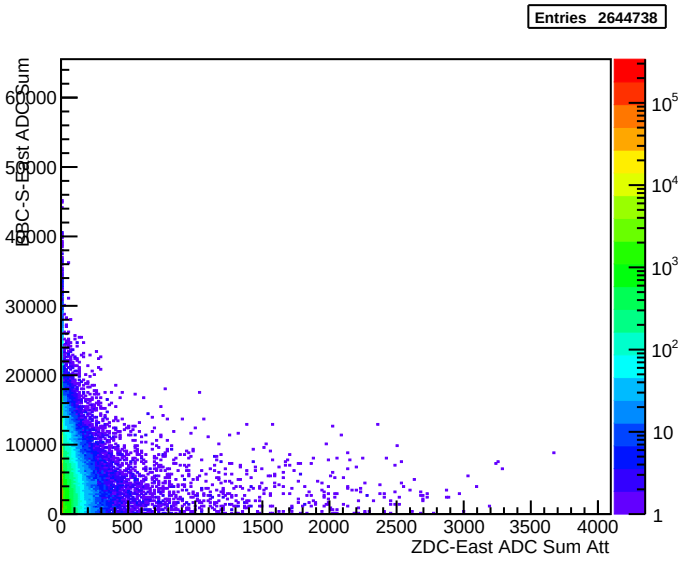

Entries 2644738
TOF Mult
BBC-S-West ADC Sum

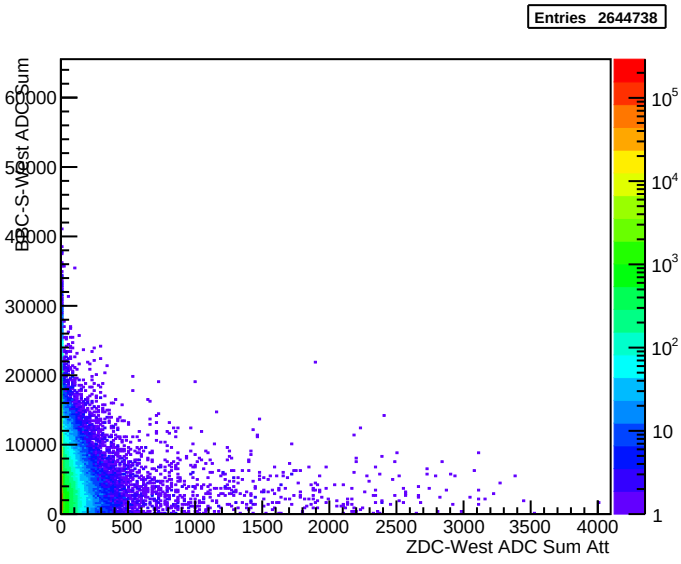

Entries 2644738
TOF Mult
VPD-East ADC Sum

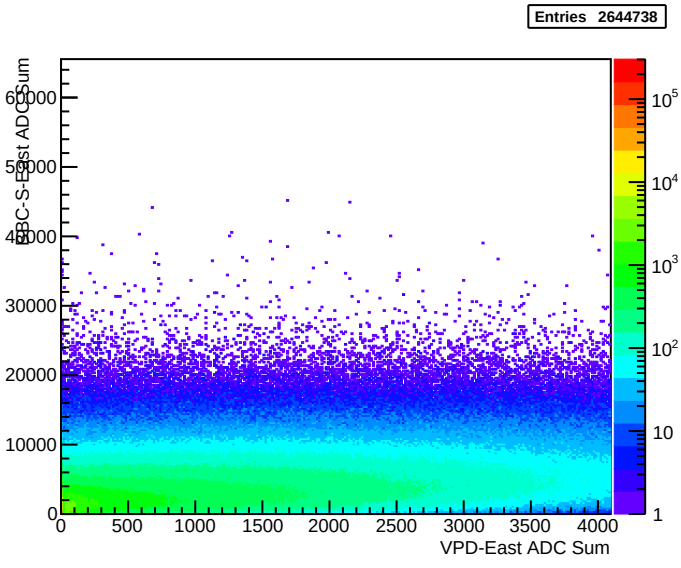

Entries 2644738
TOF Mult
VPD-West ADC Sum

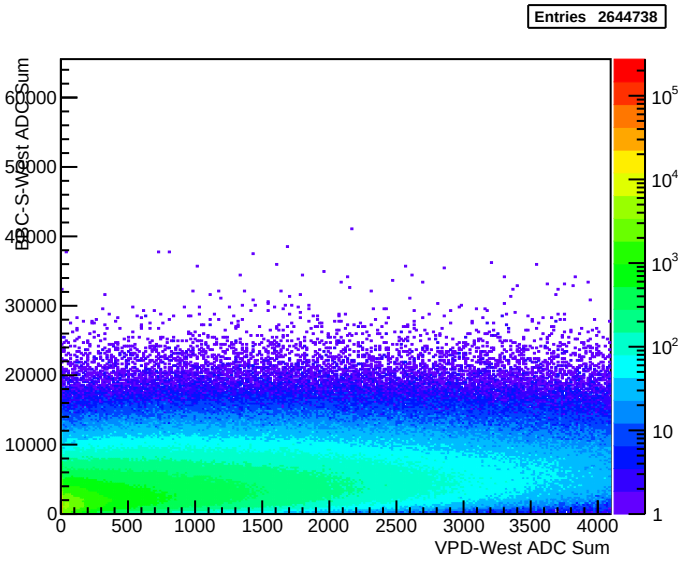

Entries 2644738
TOF Mult
ZDC-East ADC Sum Att

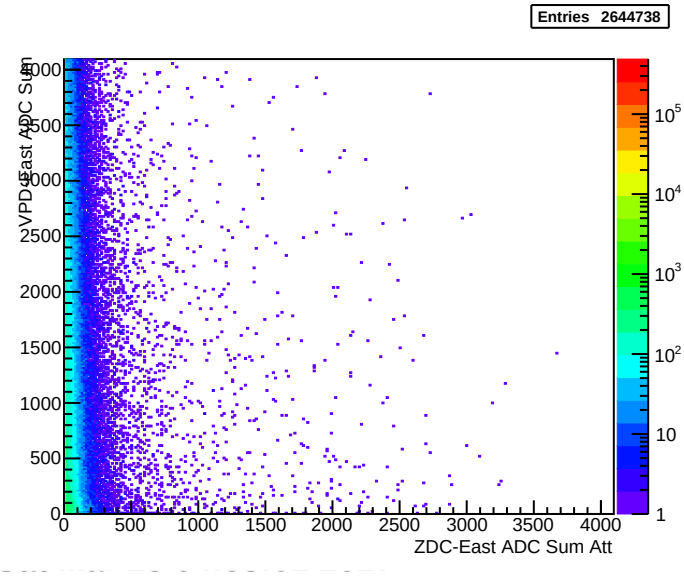

Entries 2644738
TOF Mult
ZDC-West ADC Sum Att

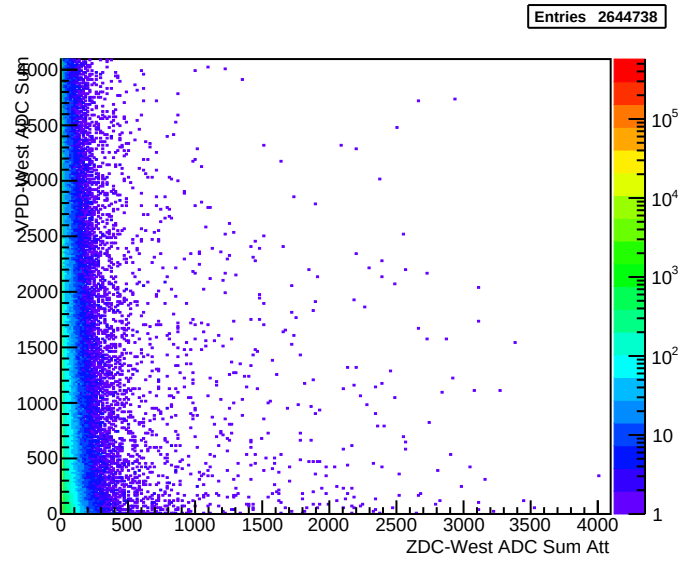

Entries 2644738
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

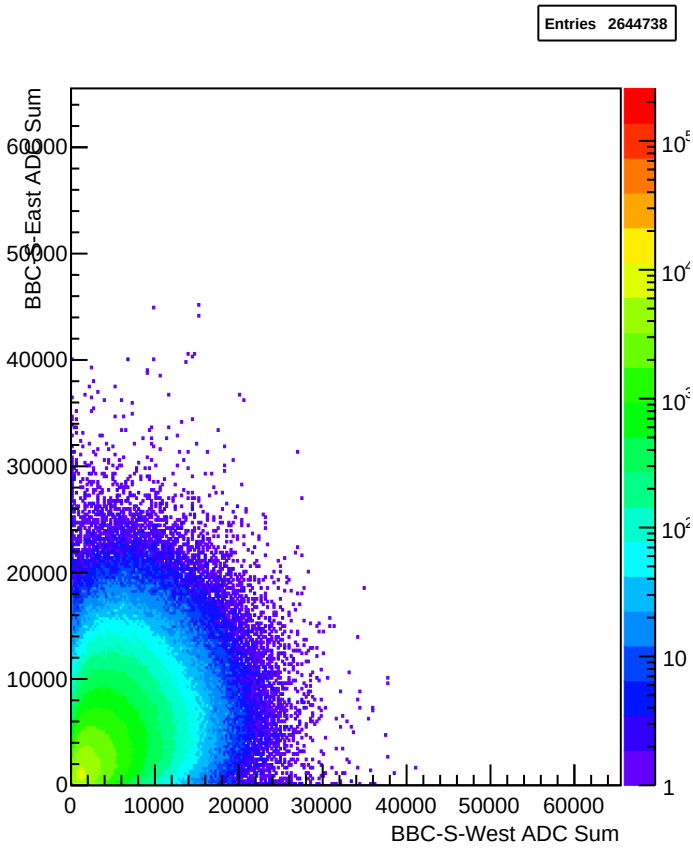

Entries 2644738
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

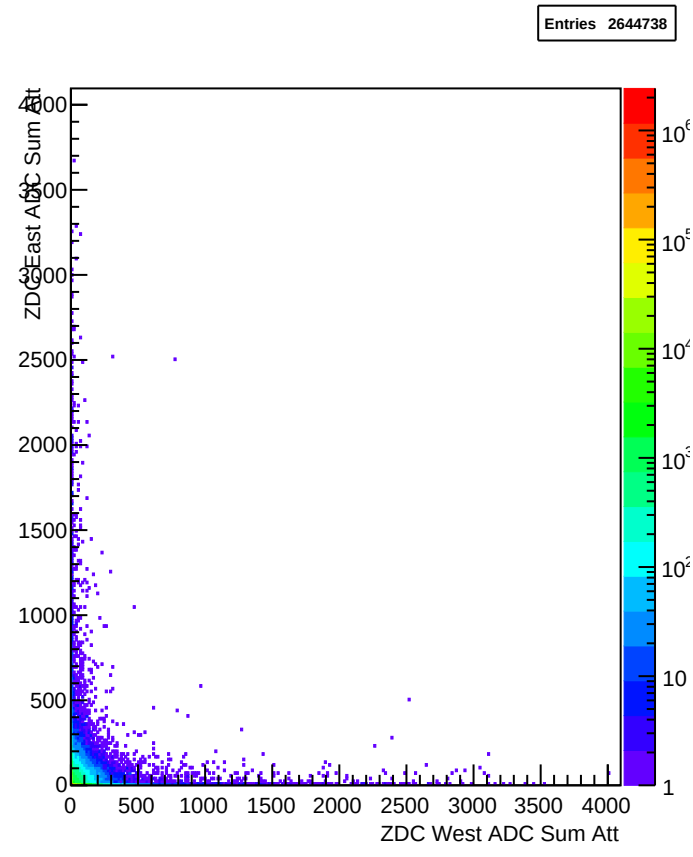

Entries 2644738
BBC-S-East ADC Sum
VPD-East ADC Sum

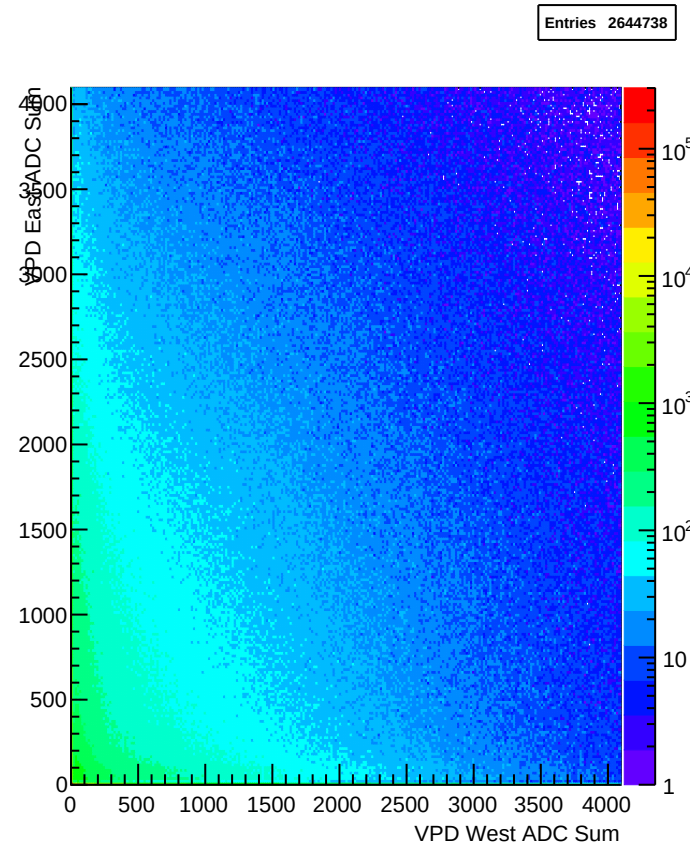

Entries 2644738
BBC-S-West ADC Sum
VPD-West ADC Sum

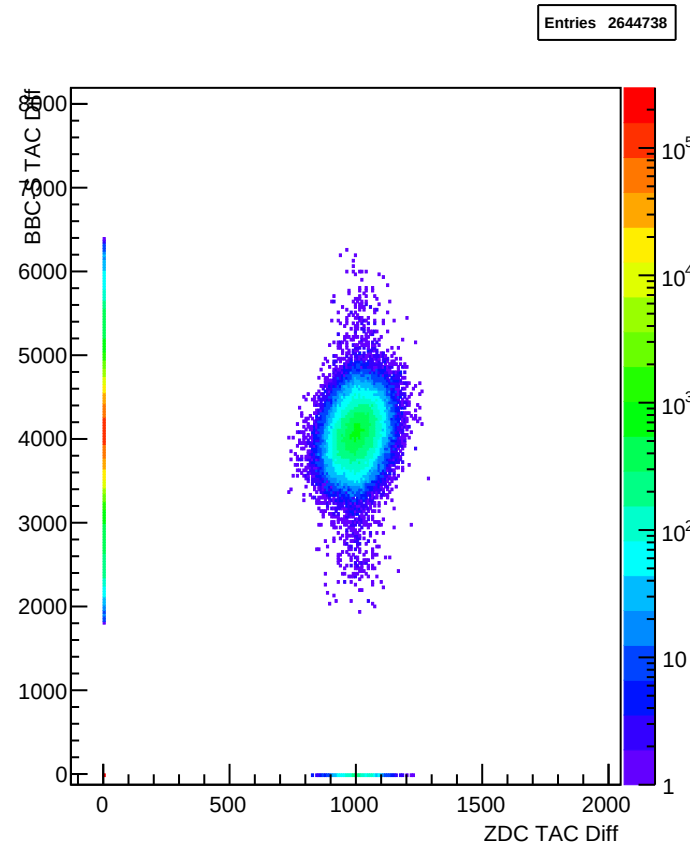

Entries 2644738
VPD-East ADC Sum
ZDC-East ADC Sum Att

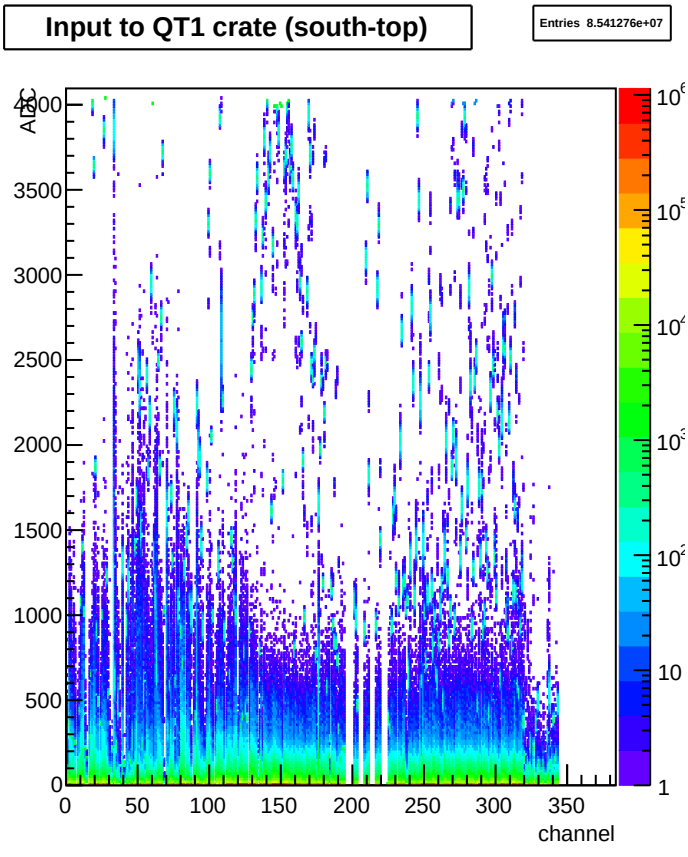

Entries 2644738
VPD-West ADC Sum
ZDC-West ADC Sum Att

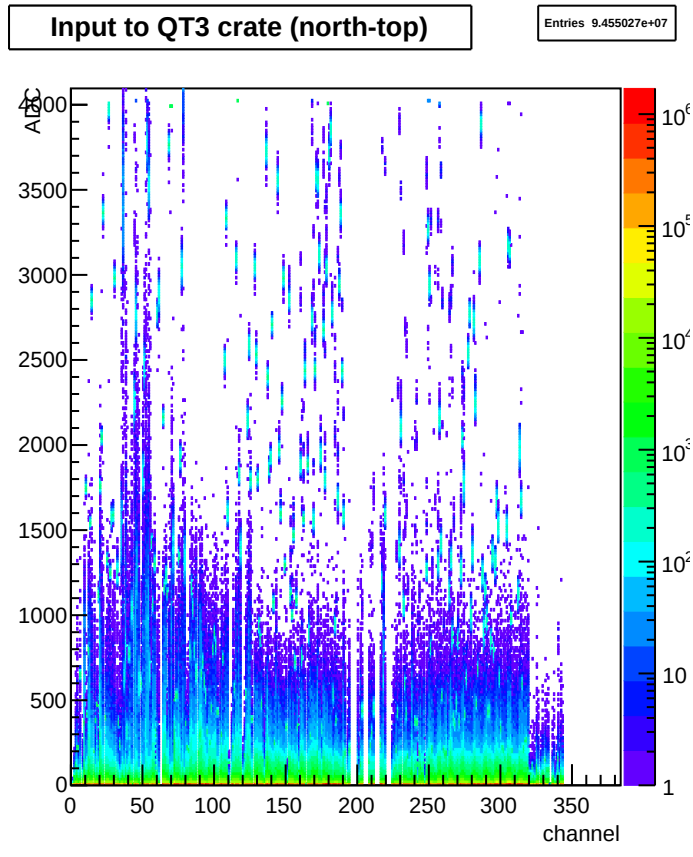

Entries 2644738
BBC-S-East ADC Sum
BBC-S-West ADC Sum

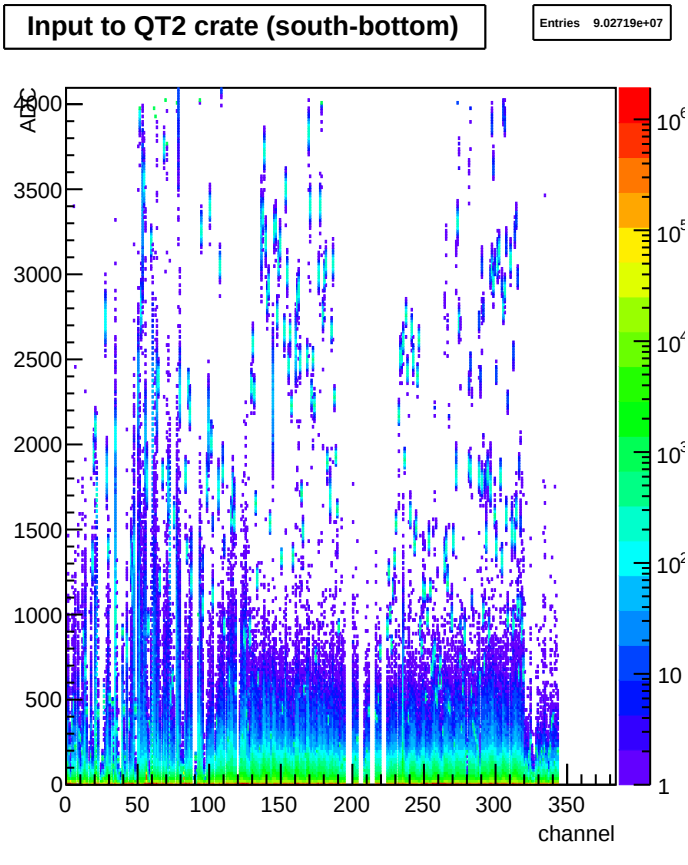

Entries 2644738
ZDC East ADC Sum Att
ZDC West ADC Sum Att

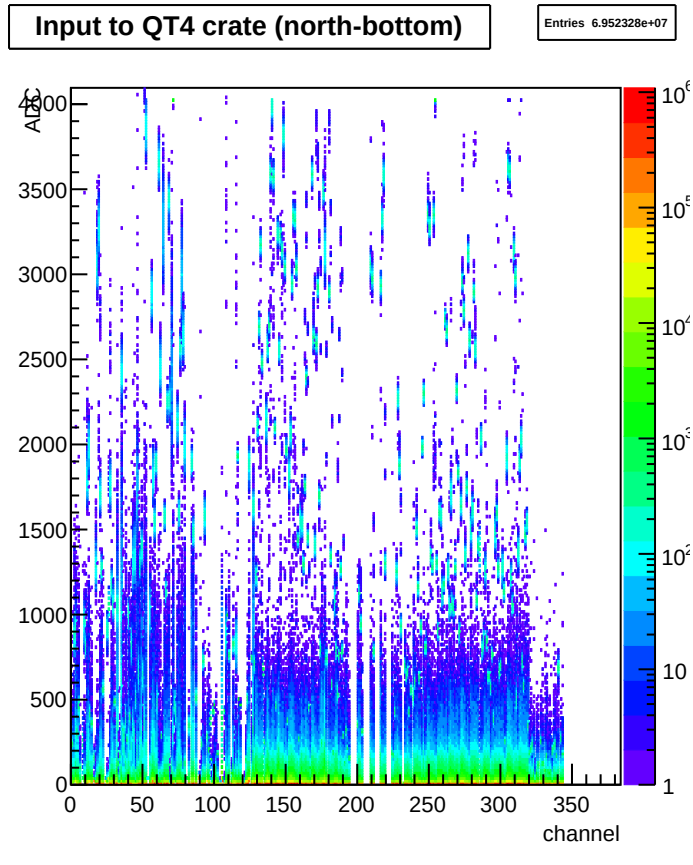

Entries 2644738
VPD East ADC Sum
VPD West ADC Sum

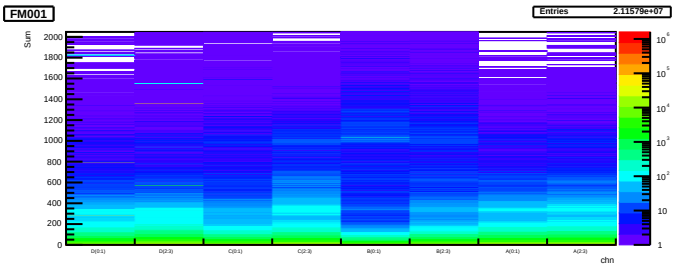

Entries 2644738
BBC-S TAC Diff
ZDC TAC Diff

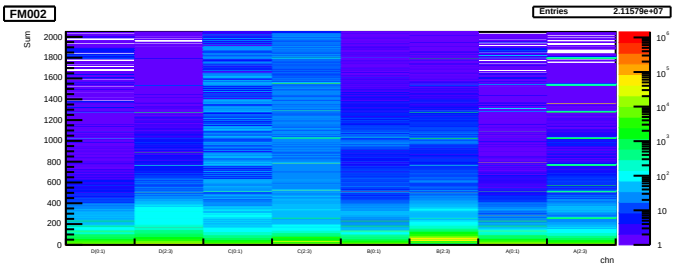

Input to QT1 crate (south-top)
Entries 8.541276e+07
ADC
channel

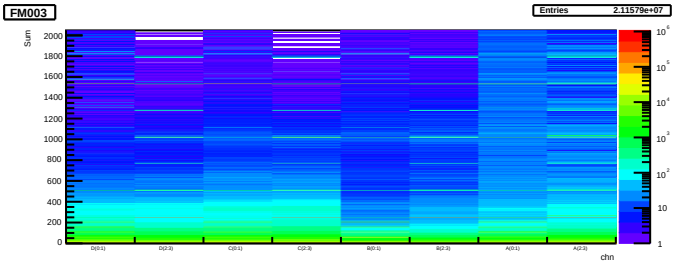

Input to QT3 crate (north-top)
Entries 9.455027e+07
ADC
channel

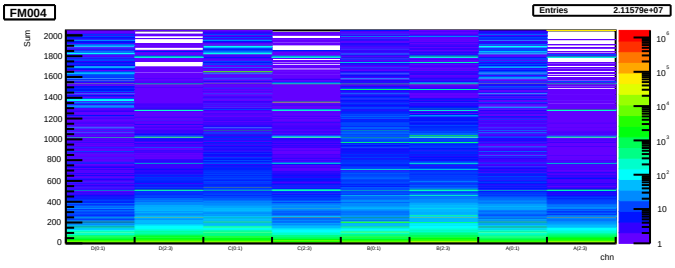

Input to QT2 crate (south-bottom)
Entries 9.02719e+07
ADC
channel

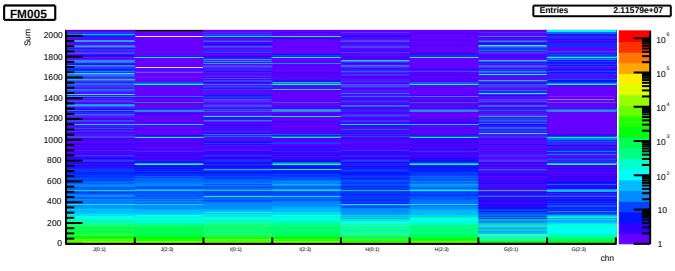

Input to QT4 crate (north-bottom)
Entries 6.952328e+07
ADC
channel


FM001
Entries 2.11579e+07
Sum
chn


FM002
Entries 2.11579e+07
Sum
chn


FM003
Entries 2.11579e+07
Sum
chn


FM004
Entries 2.11579e+07
Sum
chn


FM005
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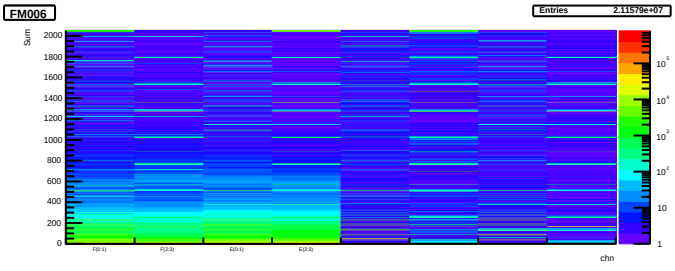
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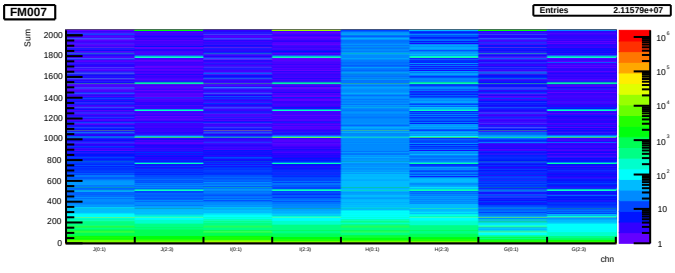
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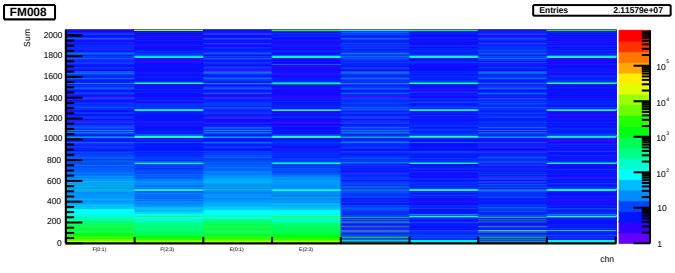
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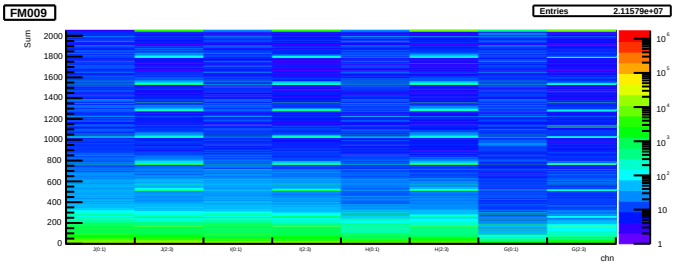
FM009
Entries 2.11579e+07
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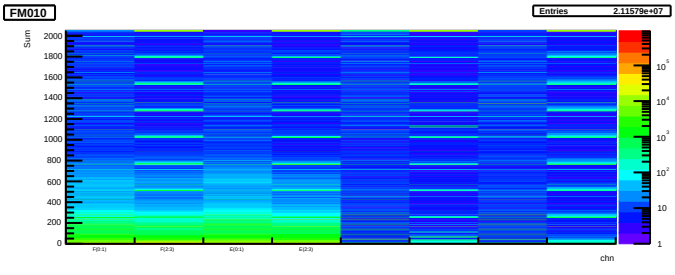
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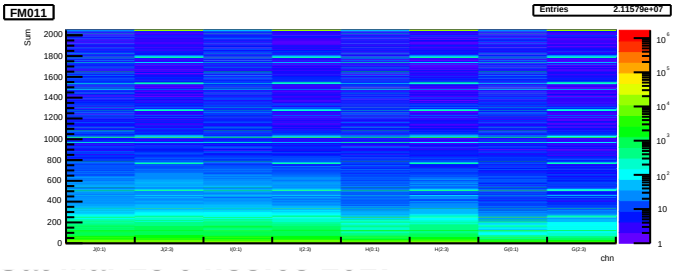
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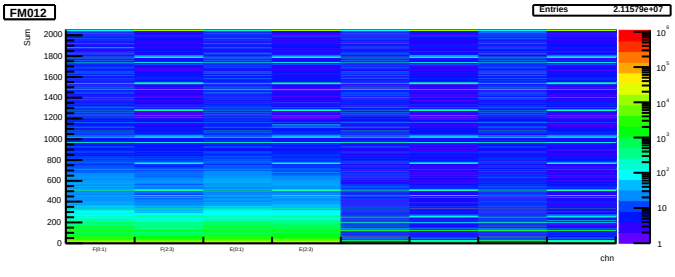
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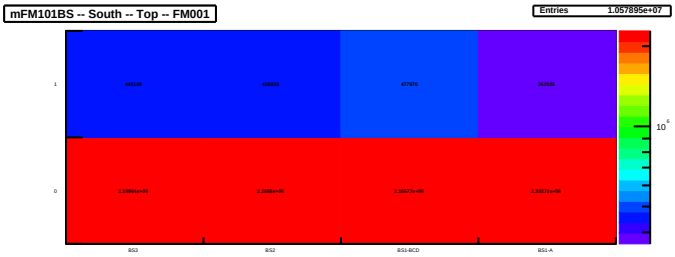
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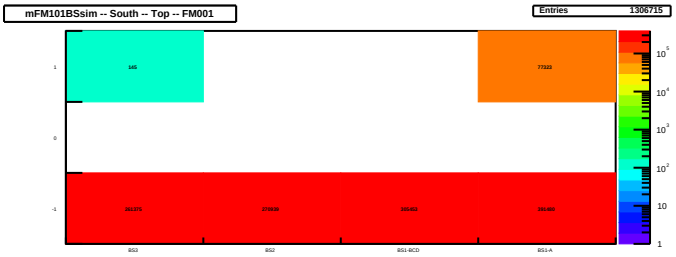
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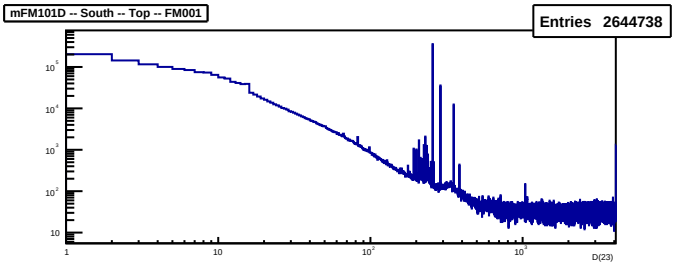
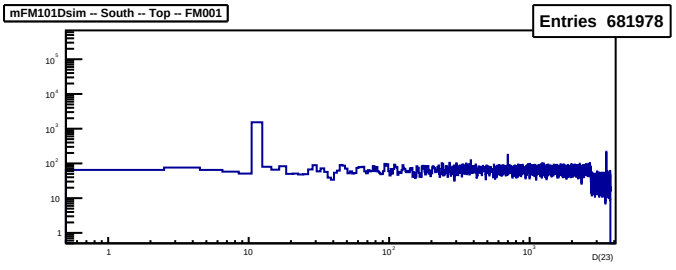

mFM101D -- South -- Top -- FM001
Entries 2644738
D(23)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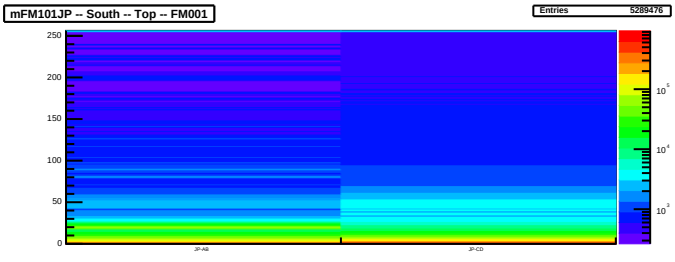
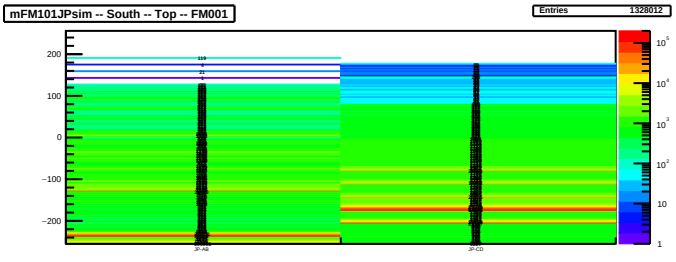
D(23)


mFM101JP -- South -- Top -- FM001
Entries 5289476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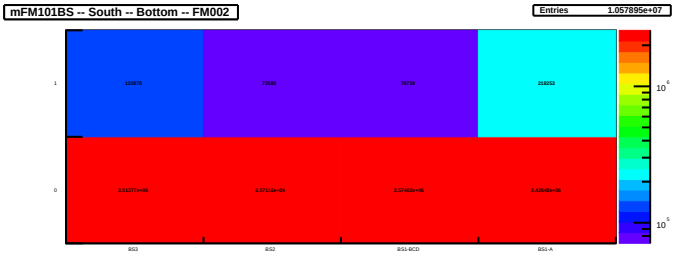
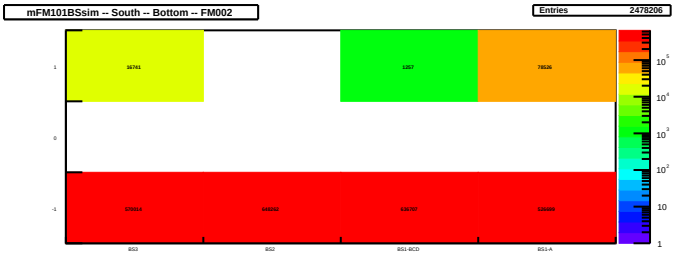

mFM101BS -- South -- Bottom -- FM002
Entries 1.057895e+07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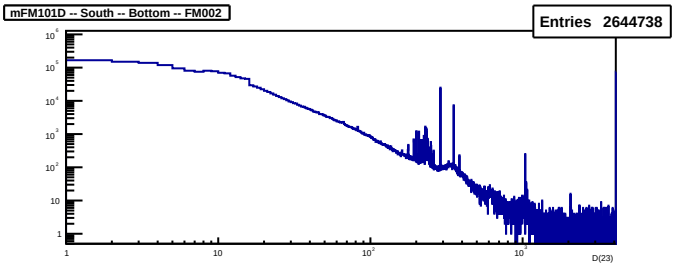
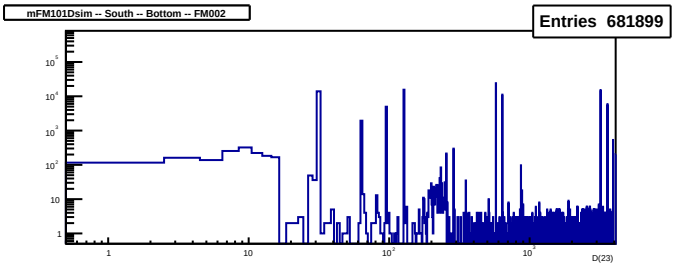

mFM101D -- South -- Bottom -- FM002
Entries 2644738
D(23)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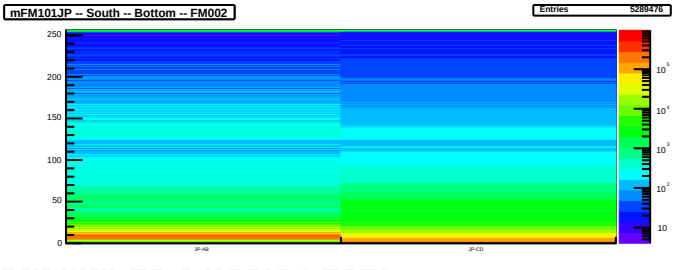
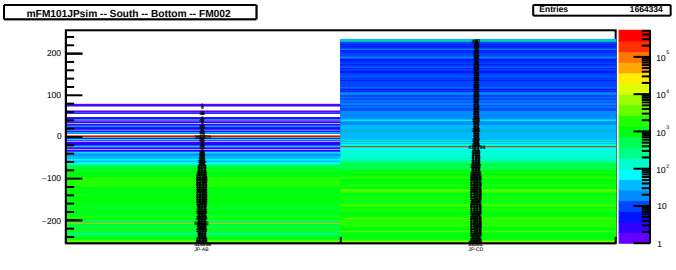

mFM101JP -- South -- Bottom -- FM002
Entries 5289476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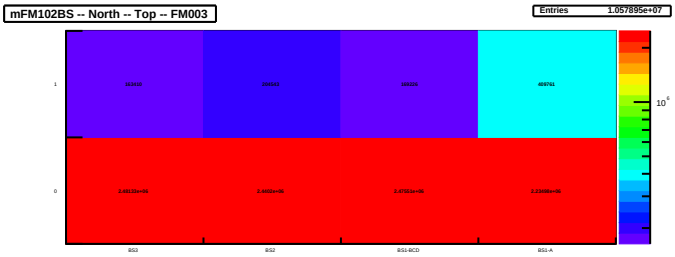
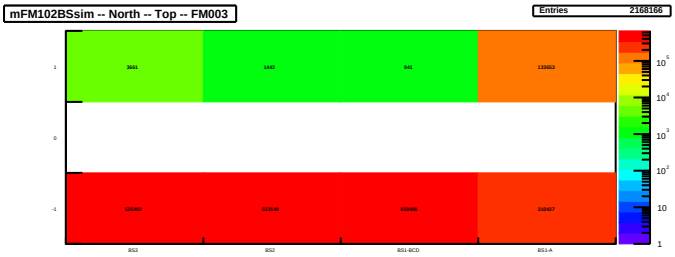

mFM102BS -- North -- Top -- FM003
Entries 1.057895e+07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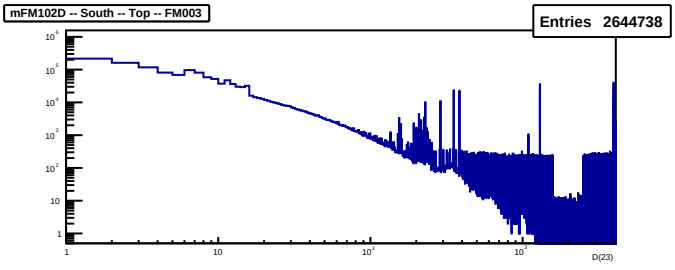
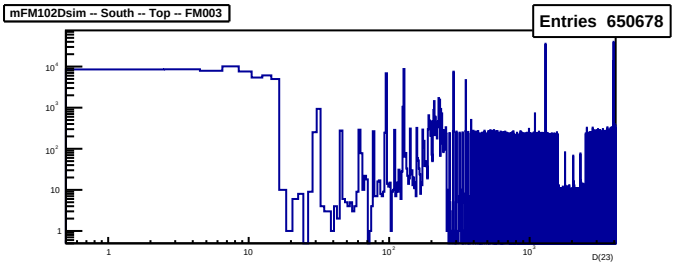

mFM102D -- South -- Top -- FM003
Entries 2644738
D(23)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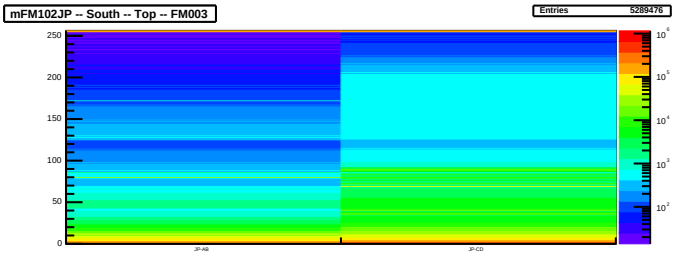
D(23)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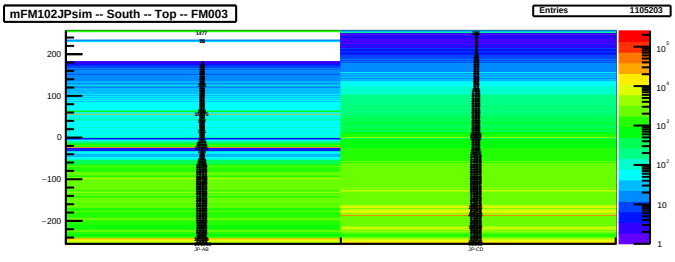
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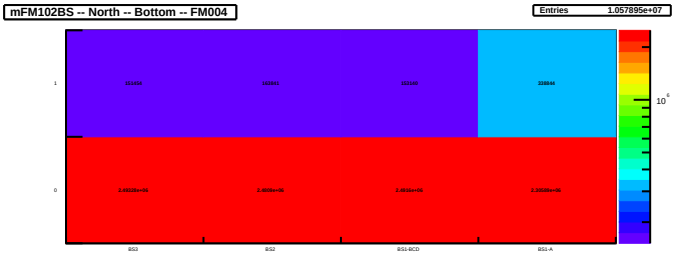
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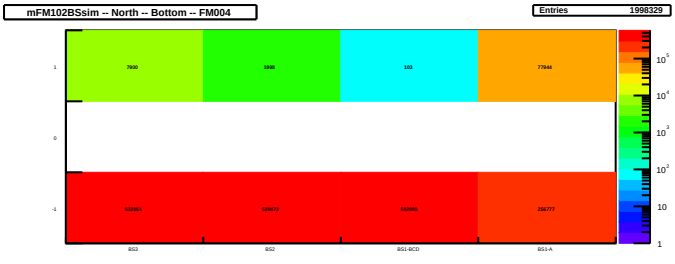
Entries 1.057895e+07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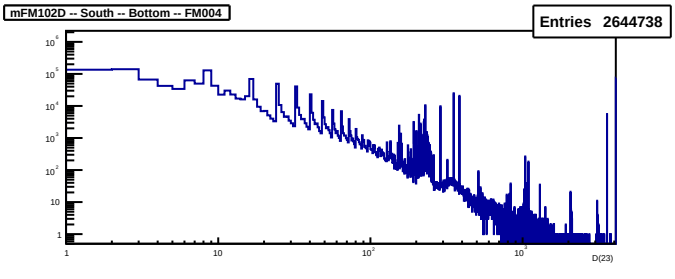
mFM102D -- South -- Bottom -- FM004
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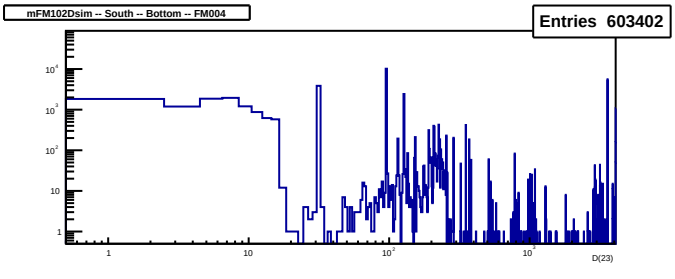
D(23)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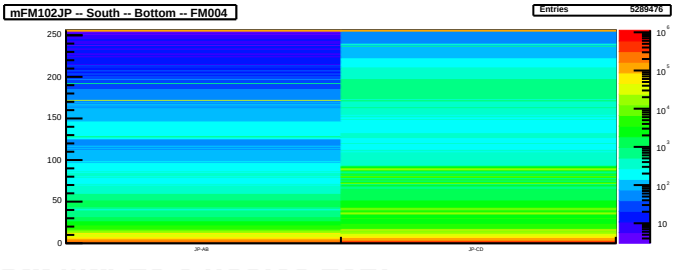
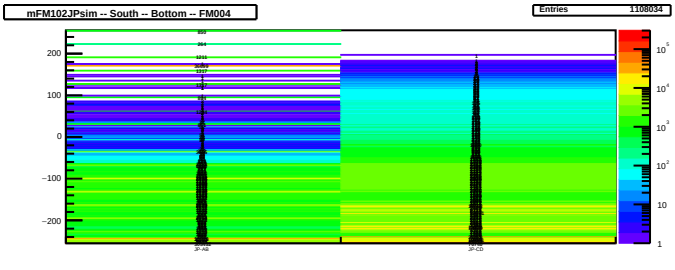
D(23)


mFM102JP -- South -- Bottom -- FM004
Entries 5289476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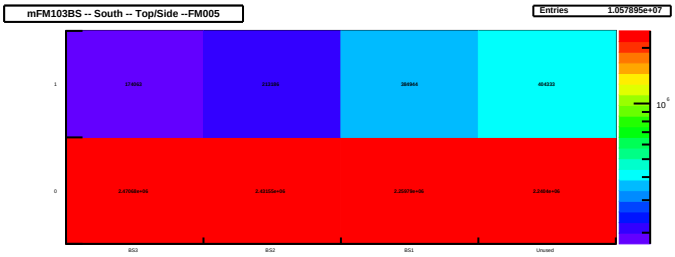
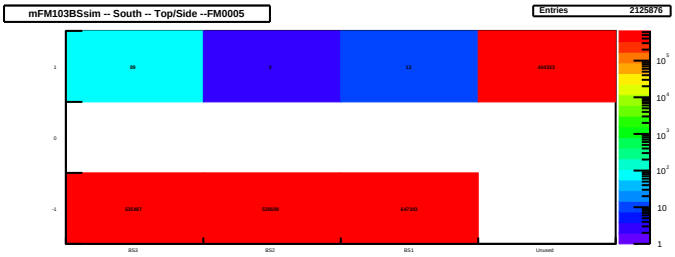

mFM103BS -- South -- Top/Side --FM005
Entries 1.057895e+07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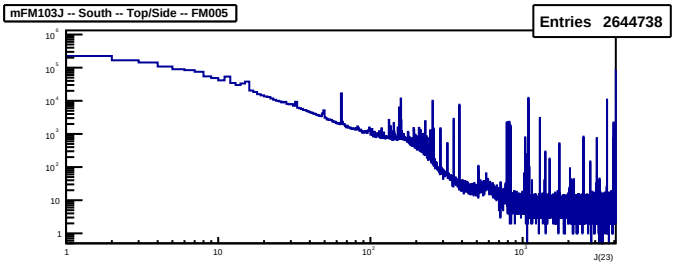
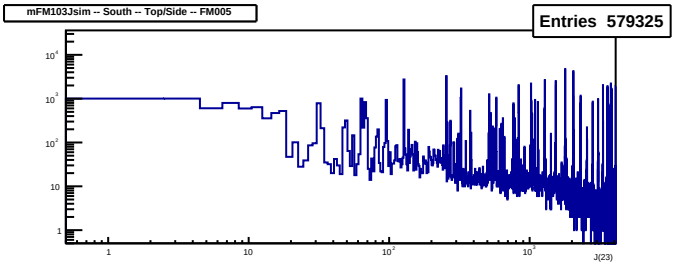

mFM103J -- South -- Top/Side -- FM005
Entries 2644738
J(23)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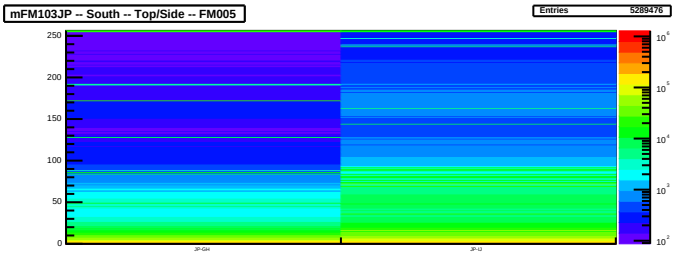
J(23)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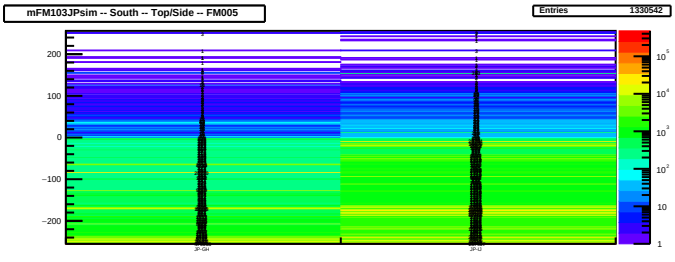
Entries 5289476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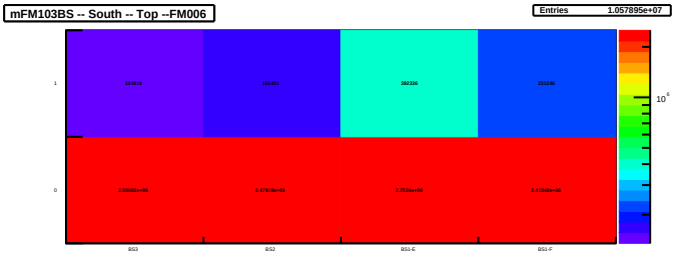
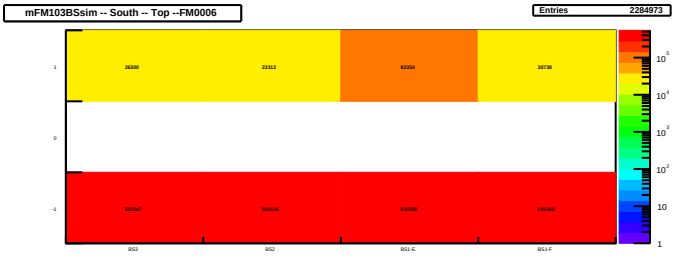
Entries 1330542


mFM103BS -- South -- Top --FM006
Entries 1.057895e+07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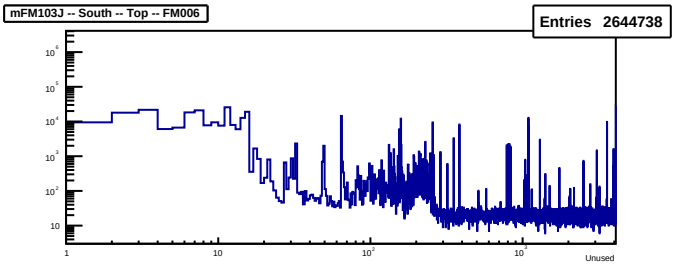
mFM103J -- South -- Top -- FM006
Entries 2644738
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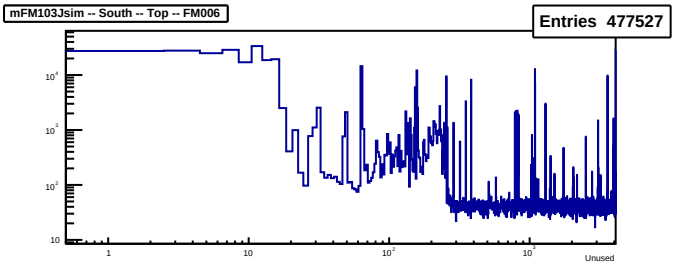
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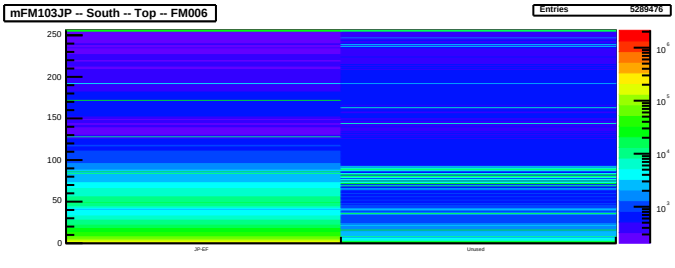
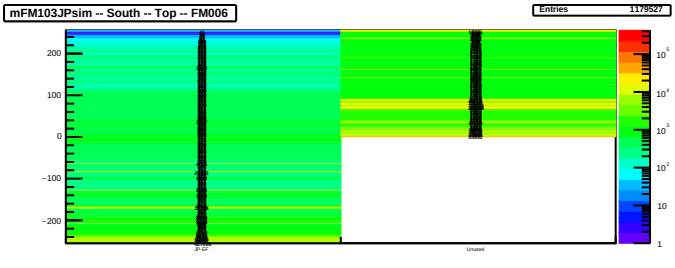

mFM103JP -- South -- Top -- FM006
Entries 5289476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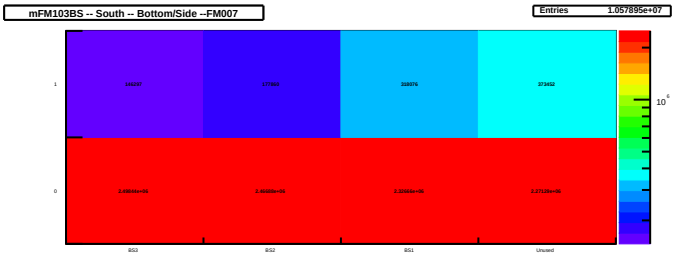
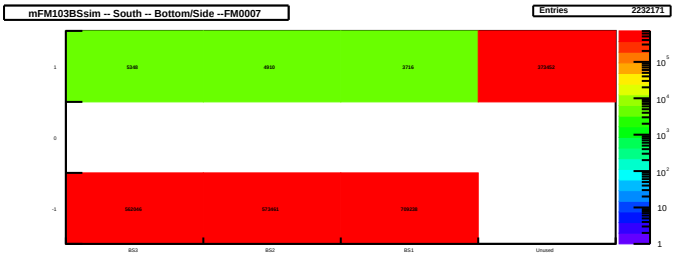

mFM103BS -- South -- Bottom/Side --FM007
Entries 1.057895e+07
BS3
BS2
BS1
Unused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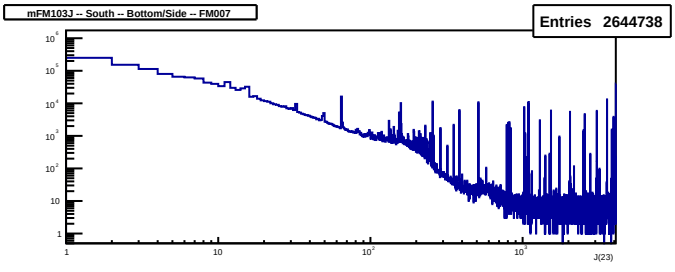
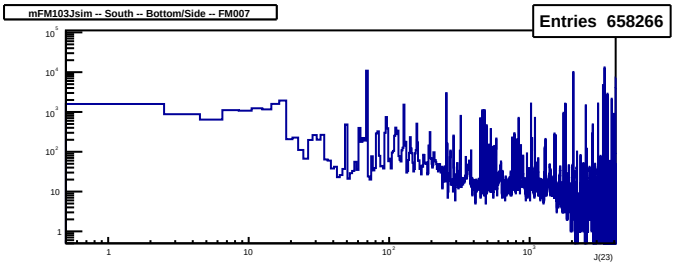
BS3
BS2
BS1
Unused


mFM103J -- South -- Bottom/Side -- FM007
Entries 2644738
J(23)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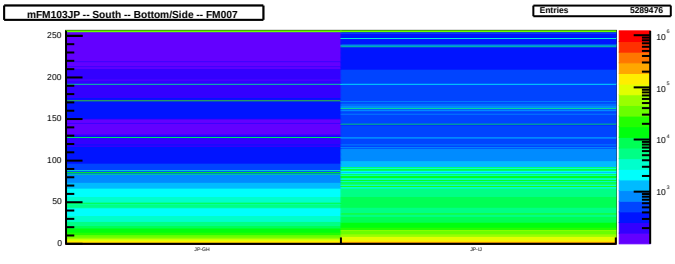
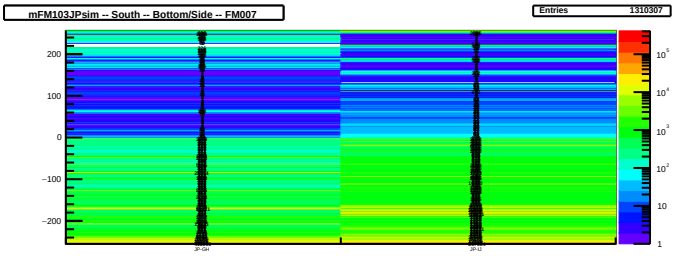
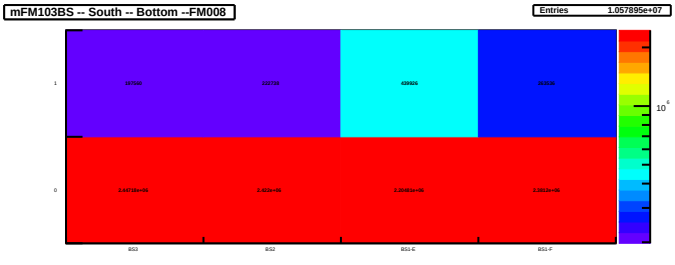
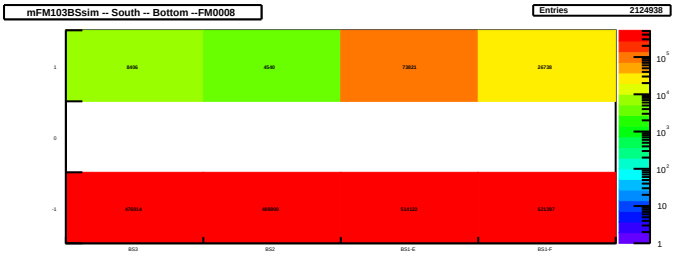
J(23)


mFM103JP -- South -- Bottom/Side -- FM007
Entries 5289476
JP-GH
JP-IJ


mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 1310307
JP-GH
JP-IJ


mFM103BS -- South -- Bottom --FM008
Entries 1.057895e+07
BS3
BS2
BS1-E
BS1-F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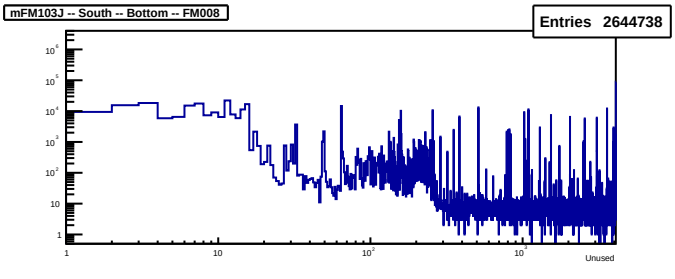
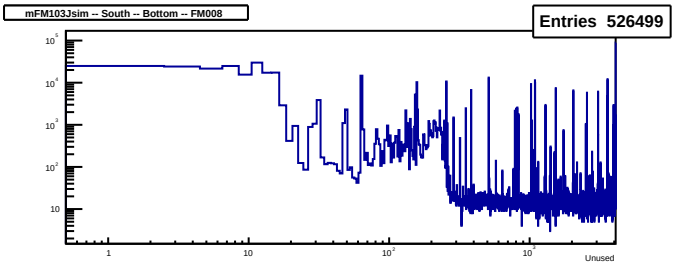
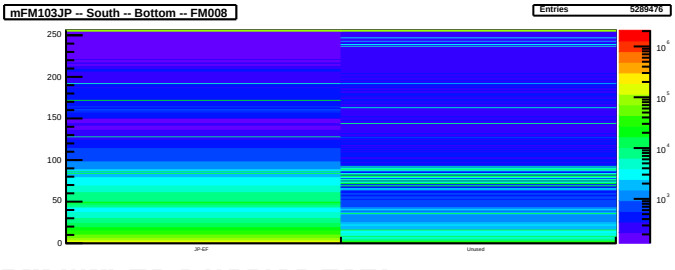
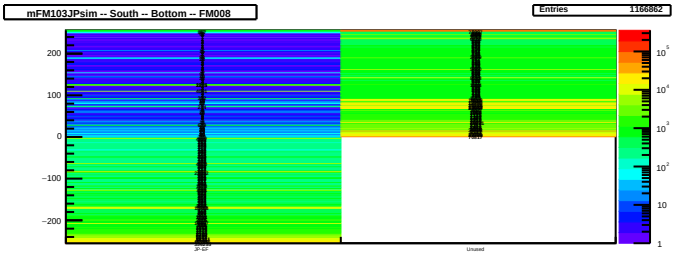
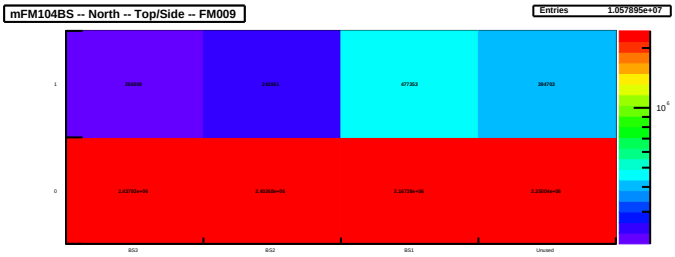
Entries 2124938
BS3
BS2
BS1-E
BS1-F

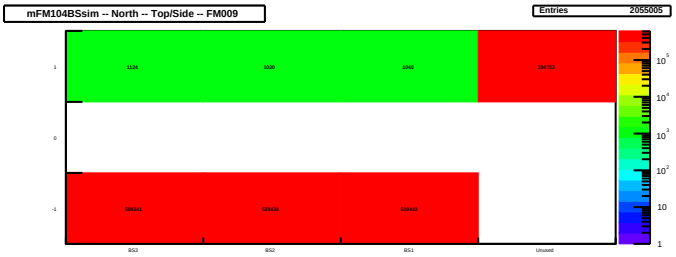

mFM103J -- South -- Bottom -- FM008
Entries 2644738
Unused

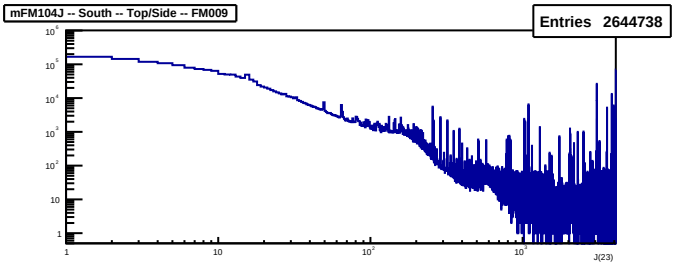

mFM103Jsim -- South -- Bottom -- FM008
Entries 526499
Unused

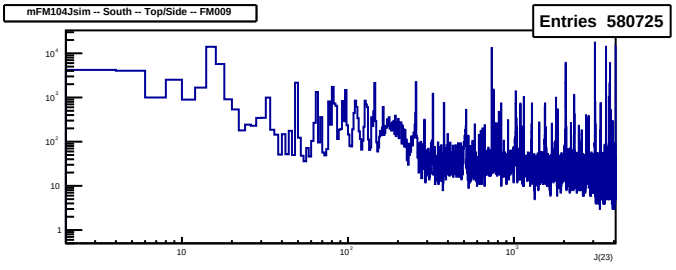

mFM103JP -- South -- Bottom -- FM008
Entries 5289476
JP-EF
Unused


mFM103JPsim -- South -- Bottom -- FM008
Entries 1166862
JP-EF
Unused


mFM104BS -- North -- Top/Side -- FM009
Entries 1.057895e+07


mFM104BSsim -- North -- Top/Side -- FM009
Entries 2055005


mFM104J -- South -- Top/Side -- FM009
Entries 2644738
J(23)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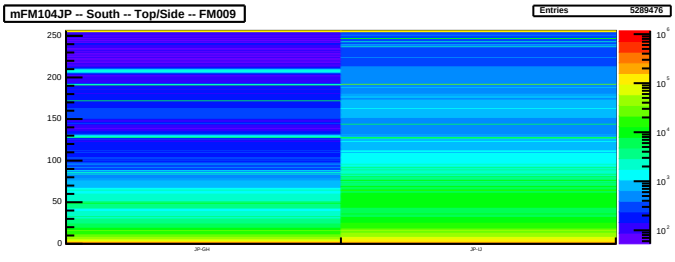
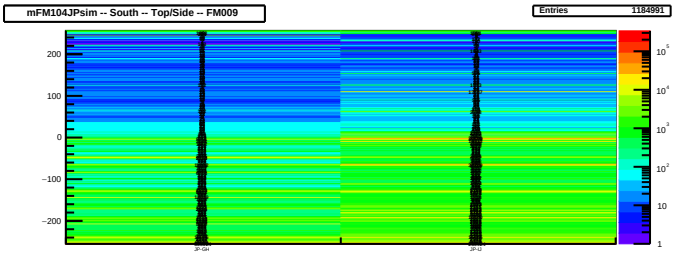
Entries 580725
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 5289476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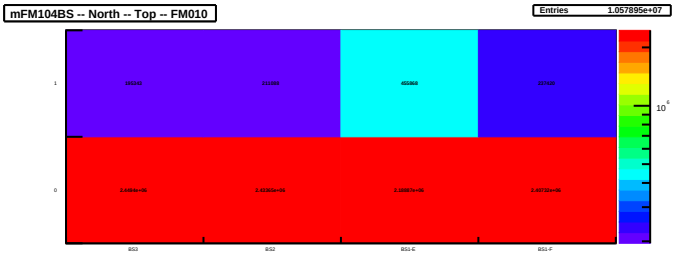
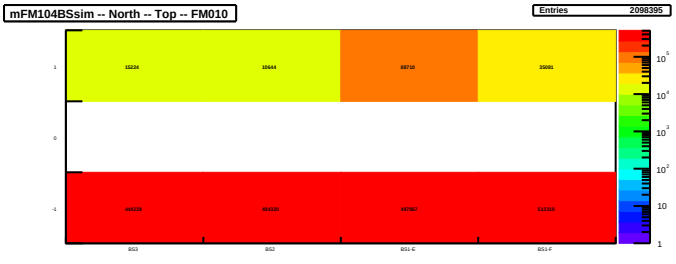
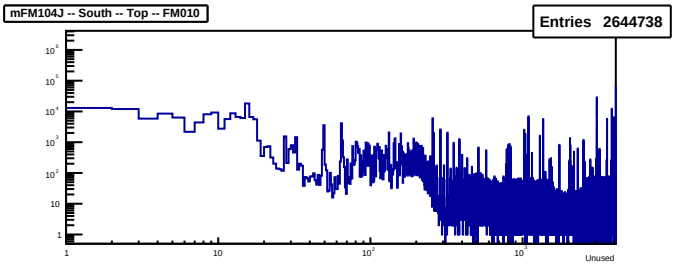
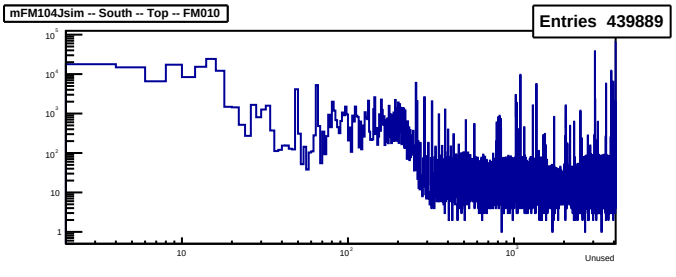
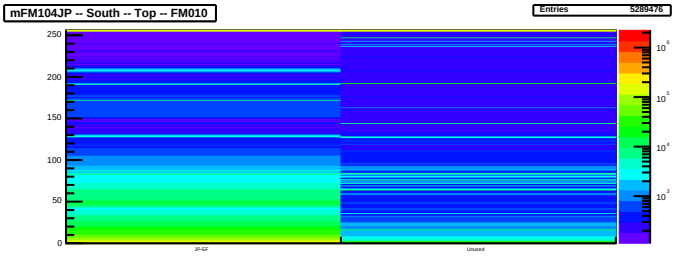
Entries 1184991

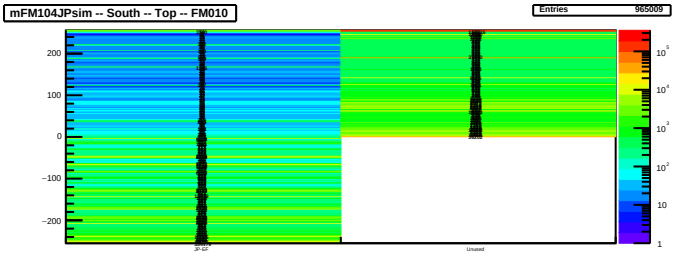

mFM104BS -- North -- Top -- FM010
Entries 1.057895e+07

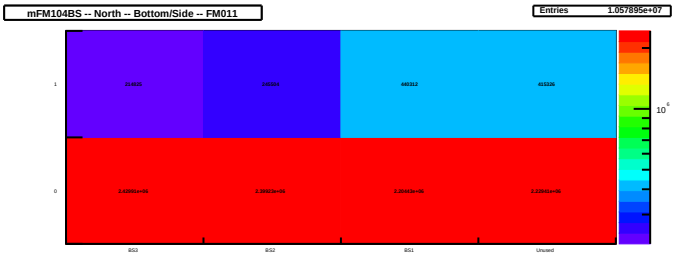

mFM104BSsim -- North -- Top -- FM010
Entries 2098395

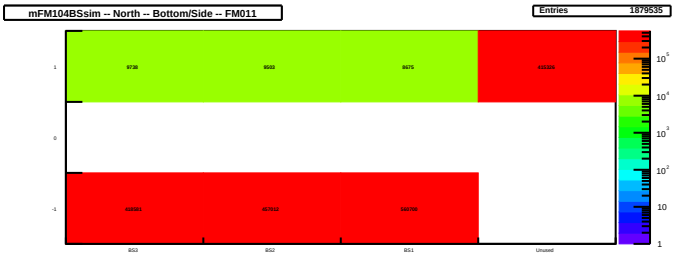

mFM104J -- South -- Top -- FM010
Entries 2644738
Unused

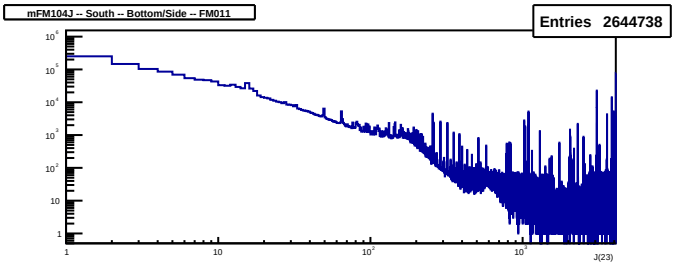

mFM104Jsim -- South -- Top -- FM010
Entries 439889
Unused

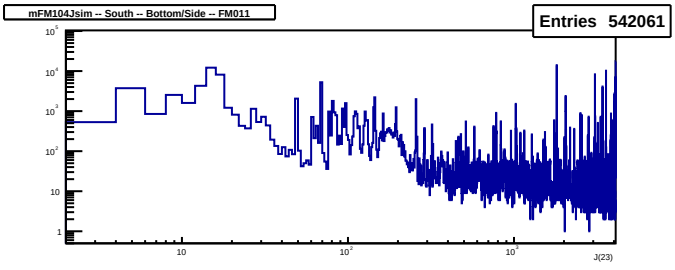

mFM104JP -- South -- Top -- FM010
Entries 5289476

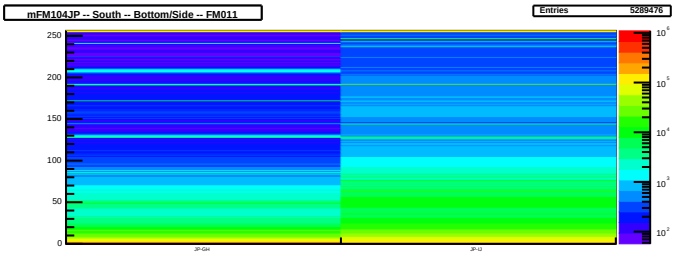

mFM104JPsim -- South -- Top -- FM010
Entries 965009

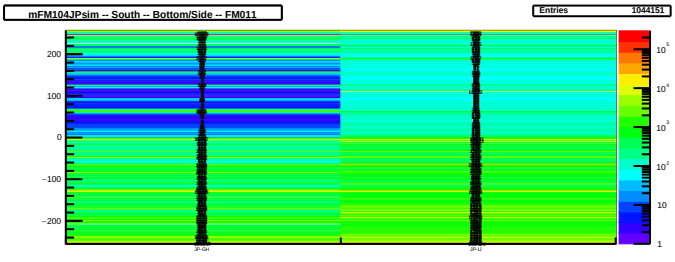

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.057895e+07

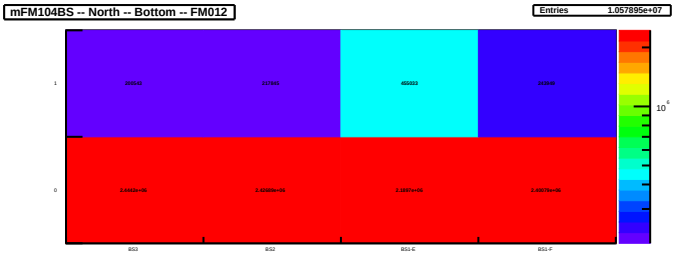

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 1879535

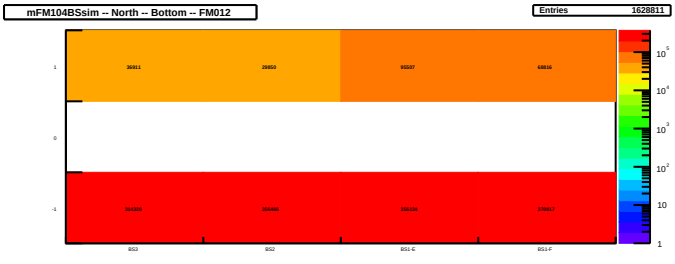

mFM104J -- South -- Bottom/Side -- FM011
Entries 2644738
J(23)

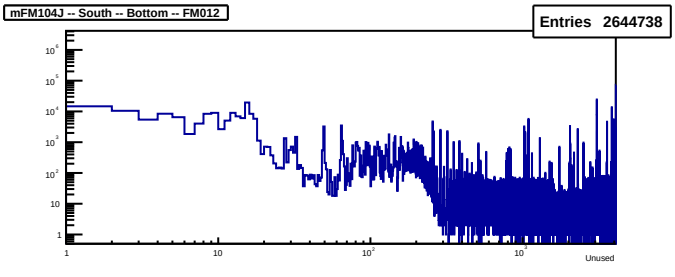

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 542061
J(23)

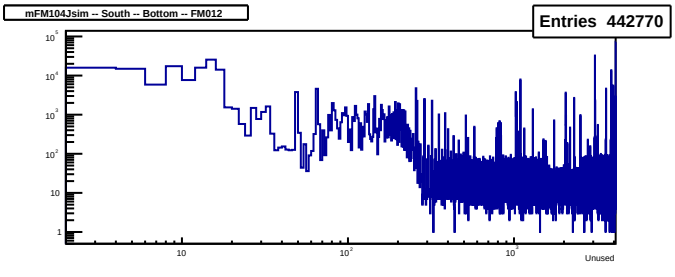

mFM104JP -- South -- Bottom/Side -- FM011
Entries 5289476

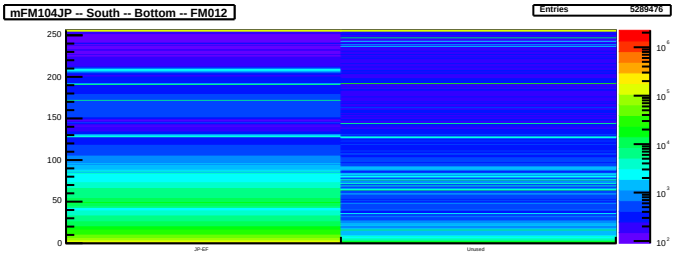

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 1044151

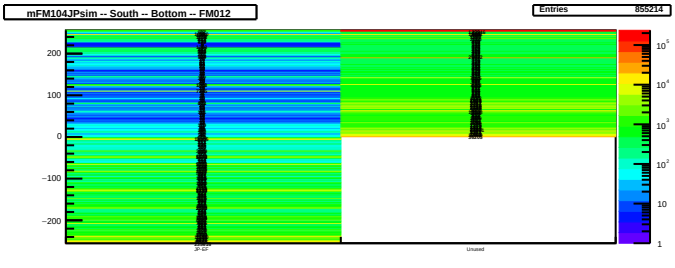

mFM104BS -- North -- Bottom -- FM012
Entries 1.057895e+07

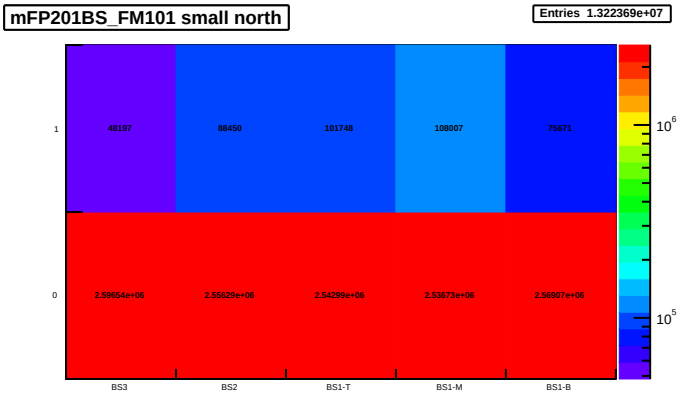

mFM104BSsim -- North -- Bottom -- FM012
Entries 1628811

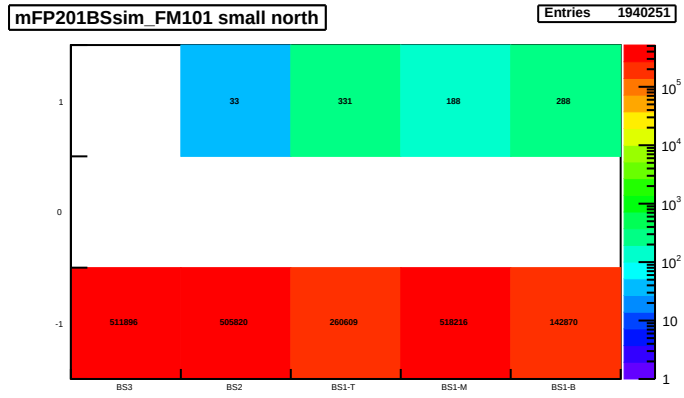

mFM104J -- South -- Bottom -- FM012
Entries 2644738
Unused

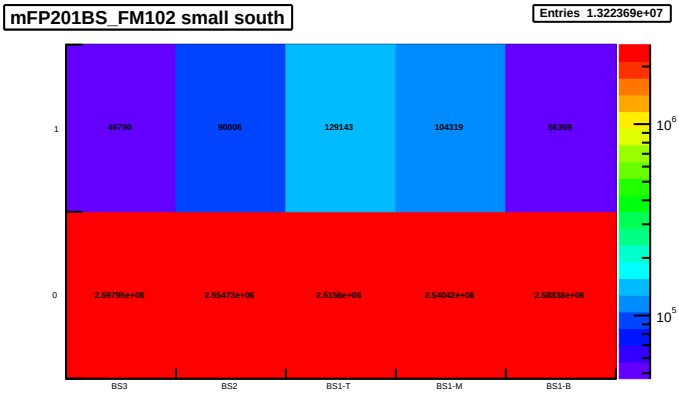

mFM104Jsim -- South -- Bottom -- FM012
Entries 442770
Unused

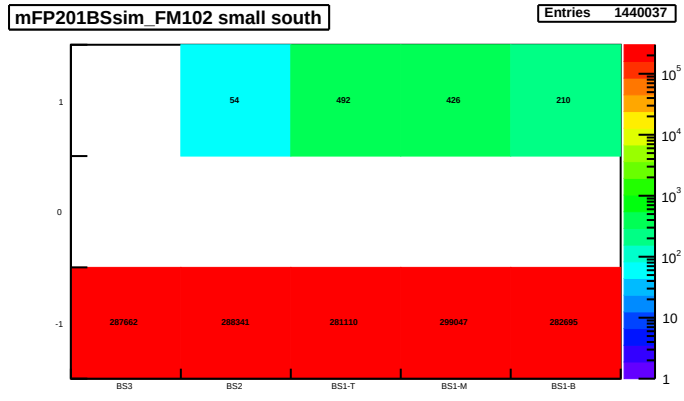

mFM104JP -- South -- Bottom -- FM012
Entries 5289476

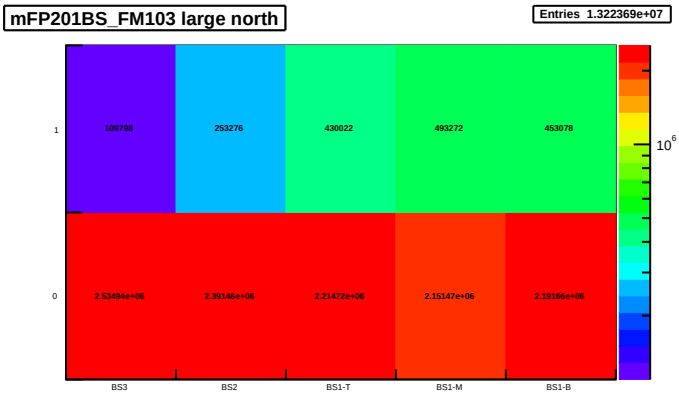

mFM104JPsim -- South -- Bottom -- FM012
Entries 855214

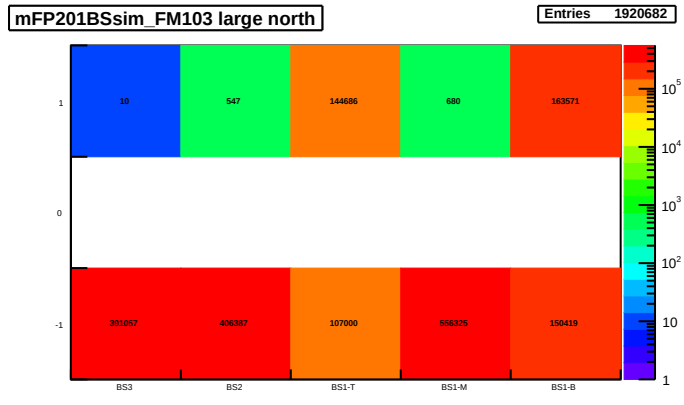

mFP201BS_FM101 small north
Entries 1.322369e+07
48197
88450
101748
108007
75671
2.59654e+06
2.55629e+06
2.54299e+06
2.53673e+06
2.56907e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

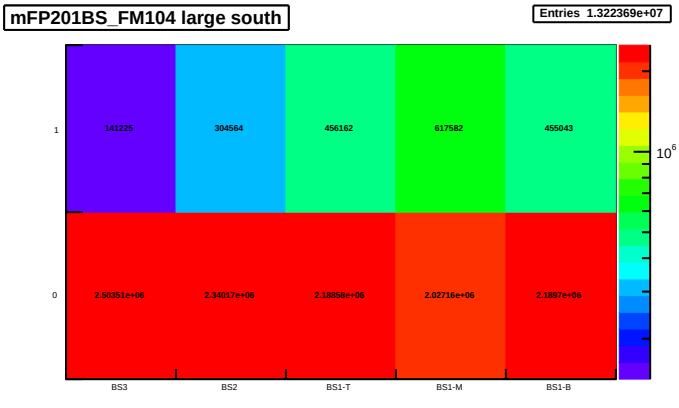

mFP201BSsim_FM101 small north
Entries 1940251
33
331
188
288
511896
505820
260609
518216
142870
BS3
BS2
BS1-T
BS1-M
BS1-B

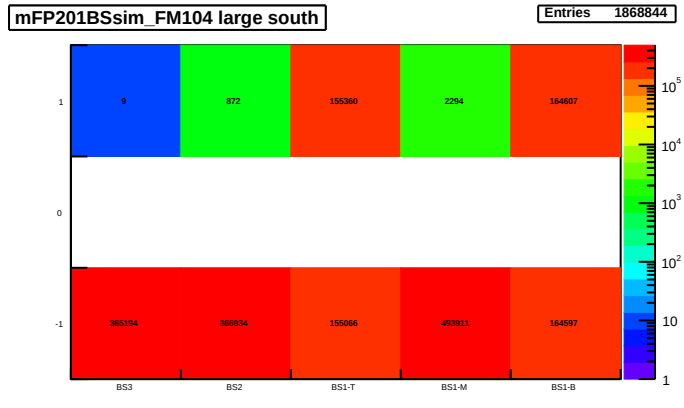

mFP201BS_FM102 small south
Entries 1.322369e+07
46790
90006
129143
104319
56359
2.59795e+06
2.55473e+06
2.5156e+06
2.54042e+06
2.58838e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

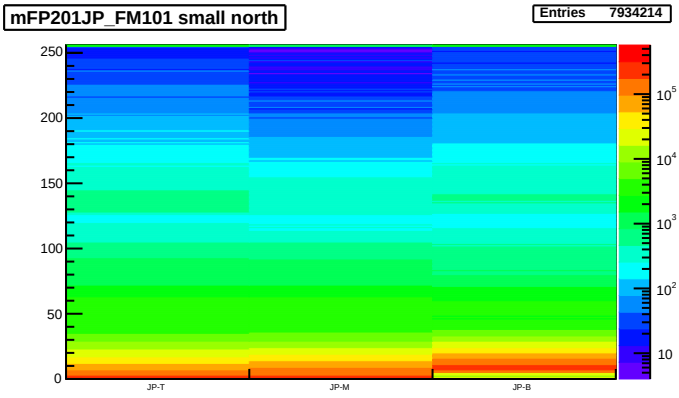

mFP201BSsim_FM102 small south
Entries 1440037
54
492
426
210
287662
288341
281110
299047
282695
BS3
BS2
BS1-T
BS1-M
BS1-B

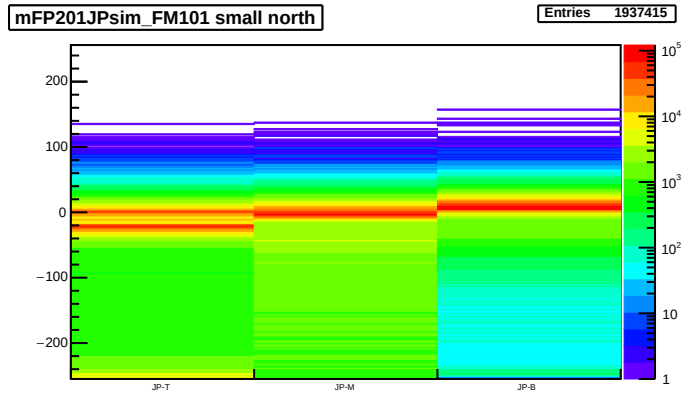

mFP201BS_FM103 large north
Entries 1.322369e+07
109798
253276
430022
493272
453078
2.53494e+06
2.39146e+06
2.21472e+06
2.15147e+06
2.19166e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

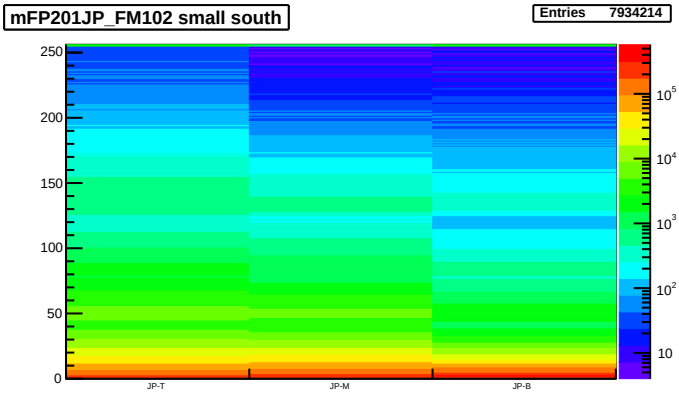

mFP201BSsim_FM103 large north
Entries 1920682
10
547
144686
680
163571
391057
406387
107000
556325
150419
BS3
BS2
BS1-T
BS1-M
BS1-B

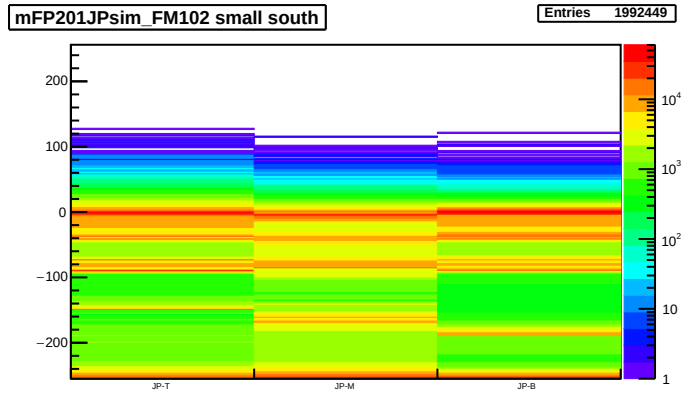

mFP201BS_FM104 large south
Entries 1.322369e+07
141225
304564
456162
617582
455043
2.50351e+06
2.34017e+06
2.18858e+06
2.02716e+06
2.1897e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

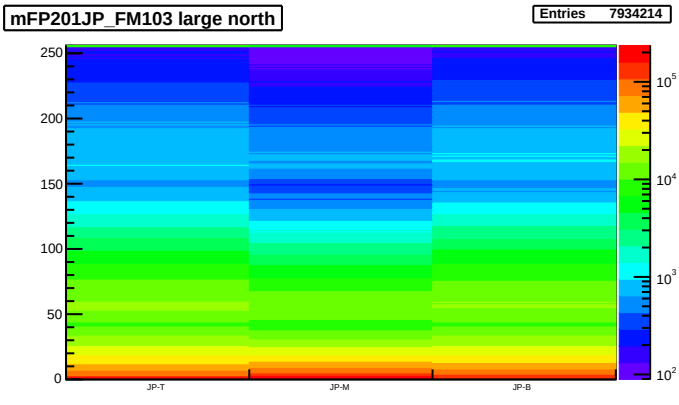

mFP201BSsim_FM104 large south
Entries 1868844
9
872
155360
2294
164607
365194
366934
155066
493911
164597
BS3
BS2
BS1-T
BS1-M
BS1-B

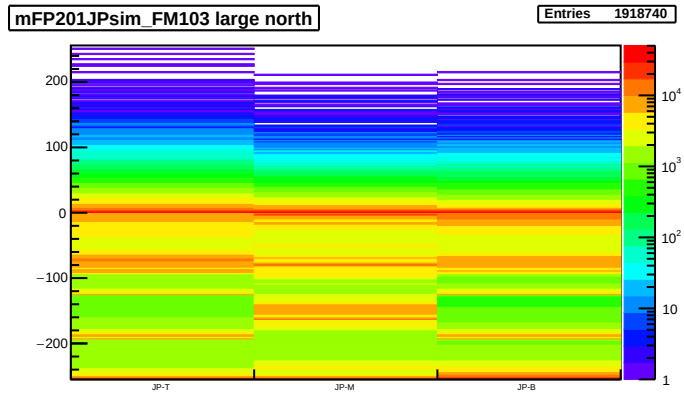

mFP201JP_FM101 small north
Entries 7934214
JP-T
JP-M
JP-B

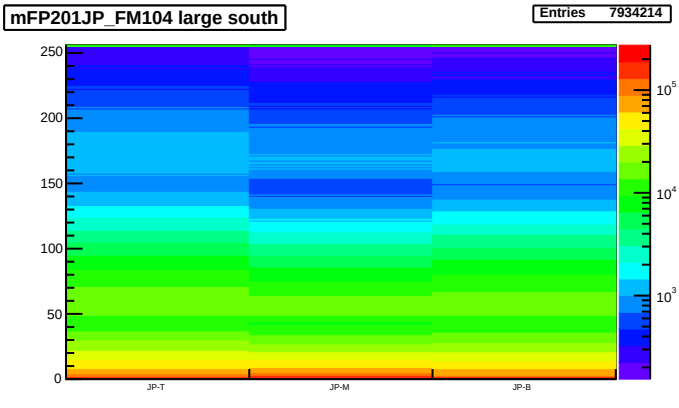

mFP201JPsim_FM101 small north
Entries 1937415
JP-T
JP-M
JP-B

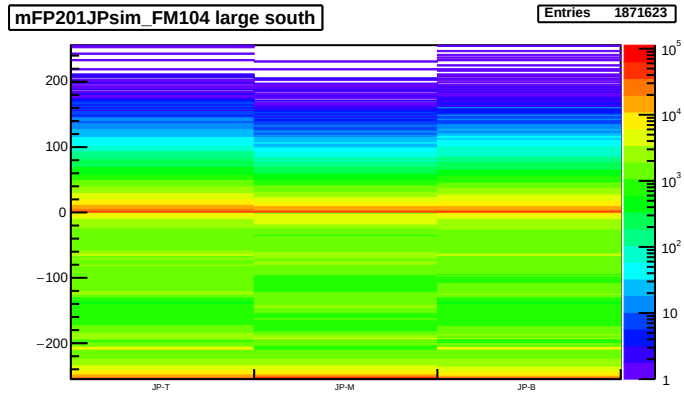

mFP201JP_FM102 small south
Entries 7934214
JP-T
JP-M
JP-B

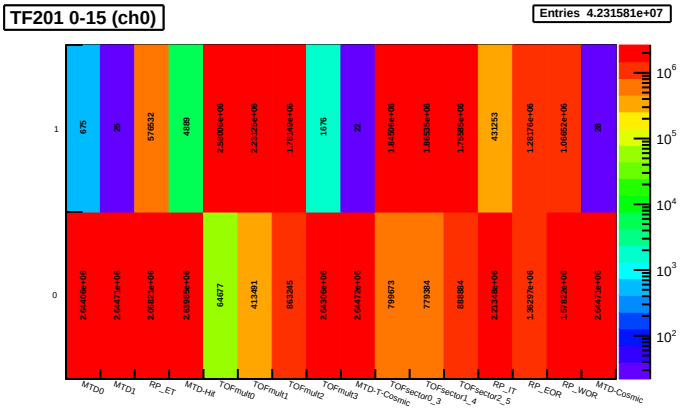

mFP201JPsim_FM102 small south
Entries 1992449
JP-T
JP-M
JP-B

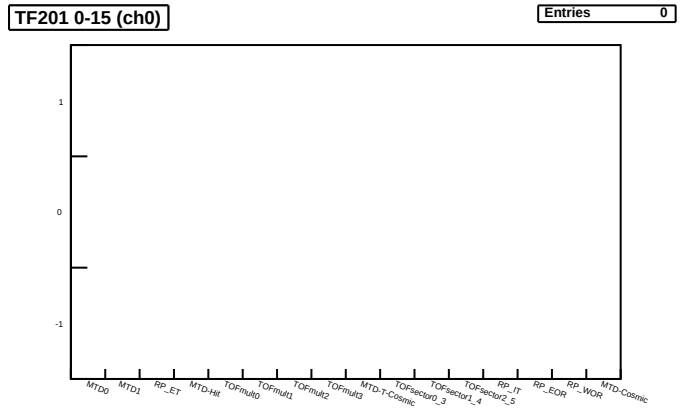

mFP201JP_FM103 large north
Entries 7934214
JP-T
JP-M
JP-B

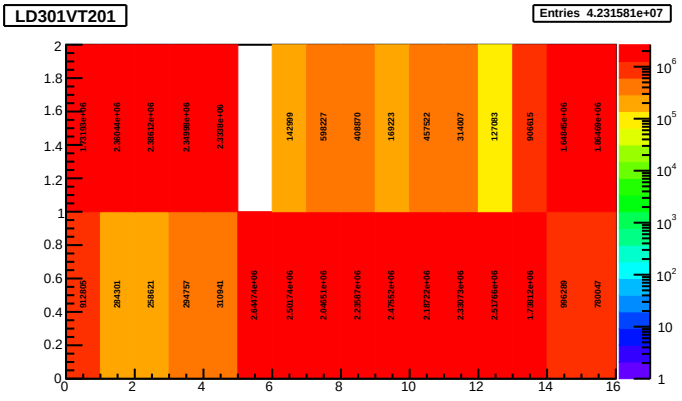

mFP201JPsim_FM103 large north
Entries 1918740
JP-T
JP-M
JP-B

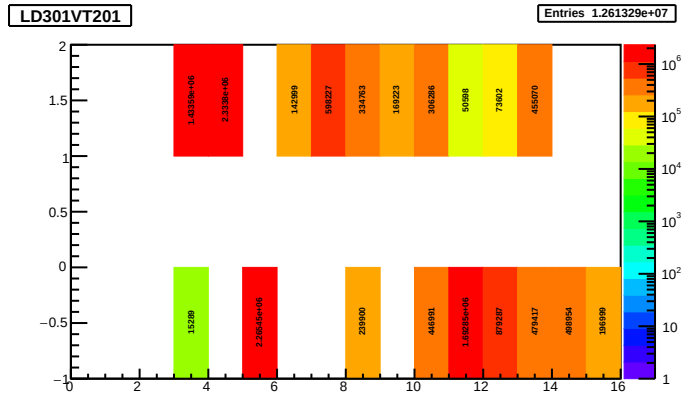

mFP201JP_FM104 large south
Entries 7934214
JP-T
JP-M
JP-B

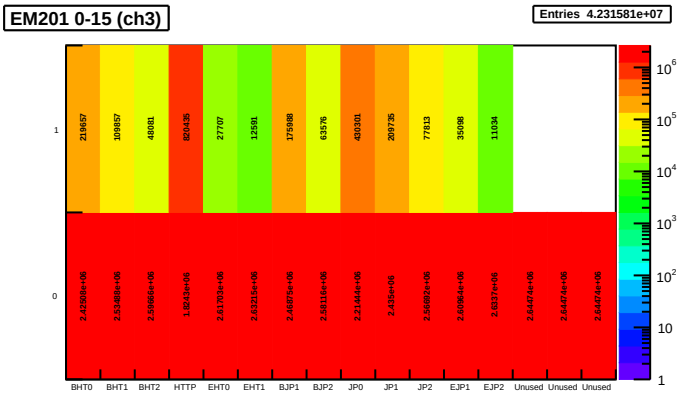

mFP201JPsim_FM104 large south
Entries 1871623
JP-T
JP-M
JP-B


TF201 0-15 (ch0)
Entries 4.231581e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic


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


LD301VT201
Entries 4.231581e+07


LD301VT201
Entries 1.261329e+07


EM201 0-15 (ch3)
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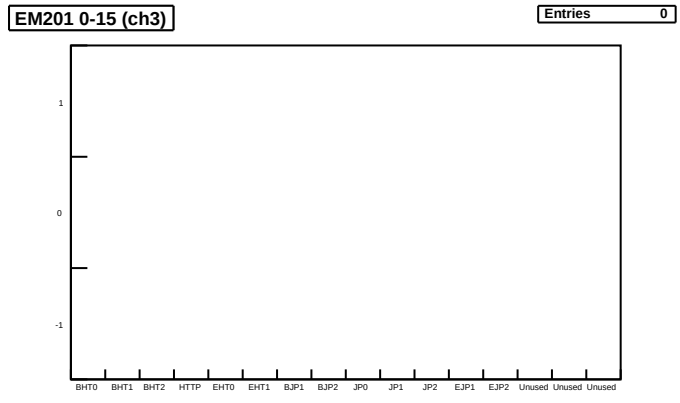
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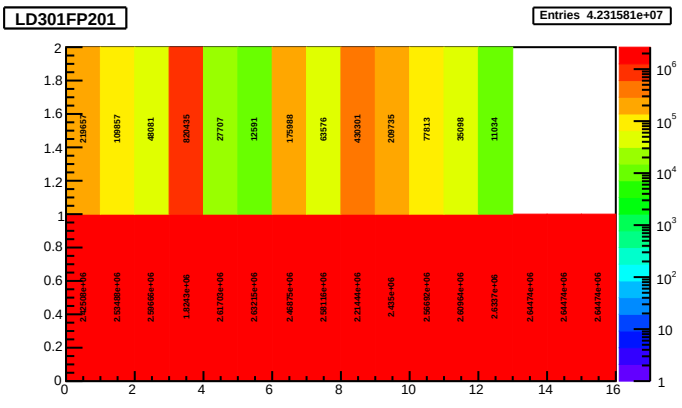
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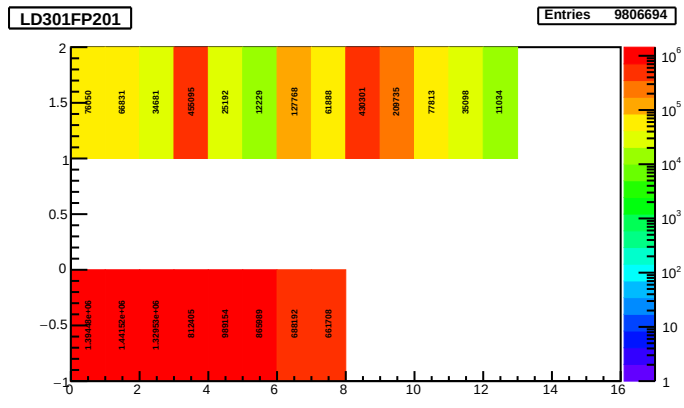
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