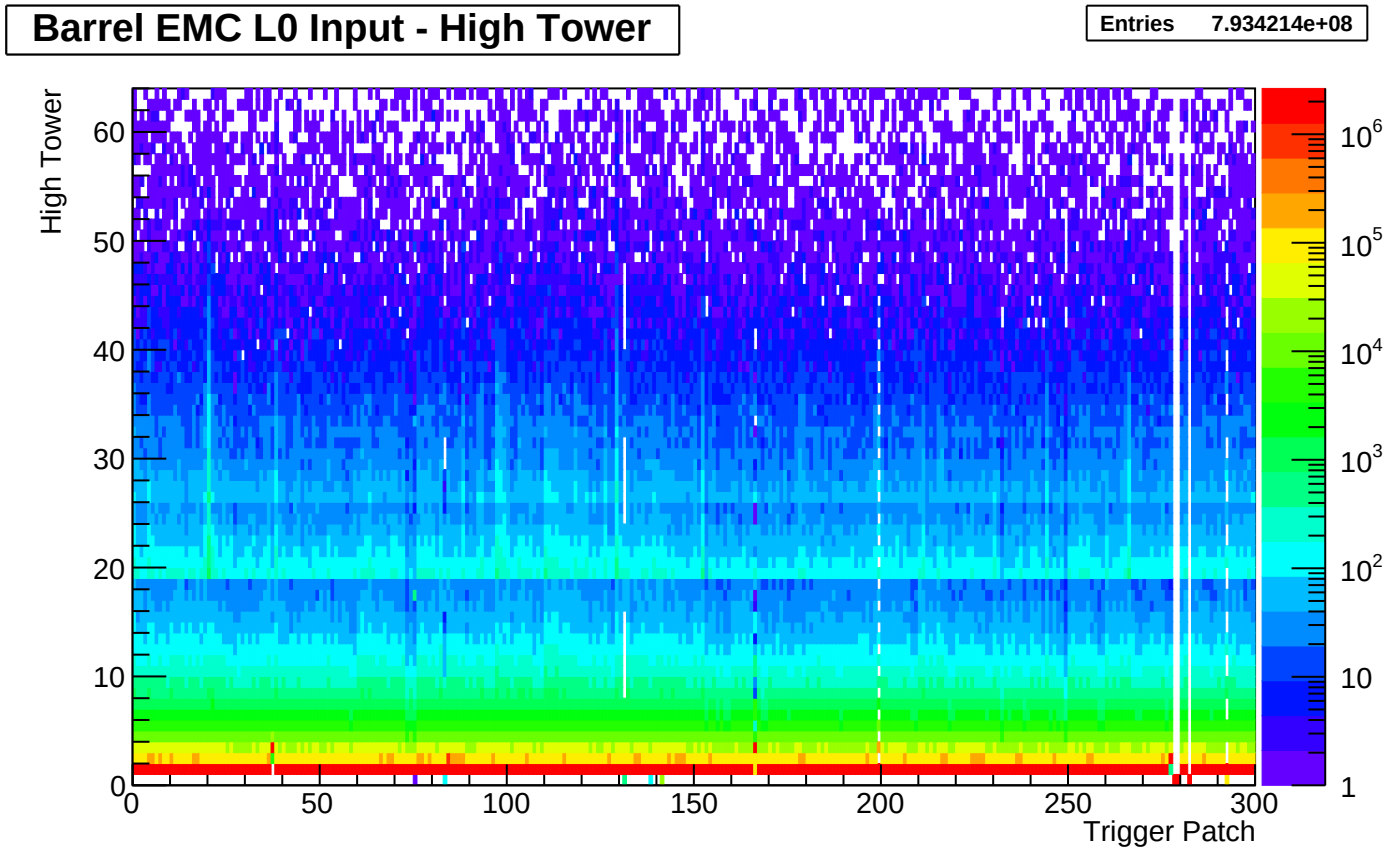
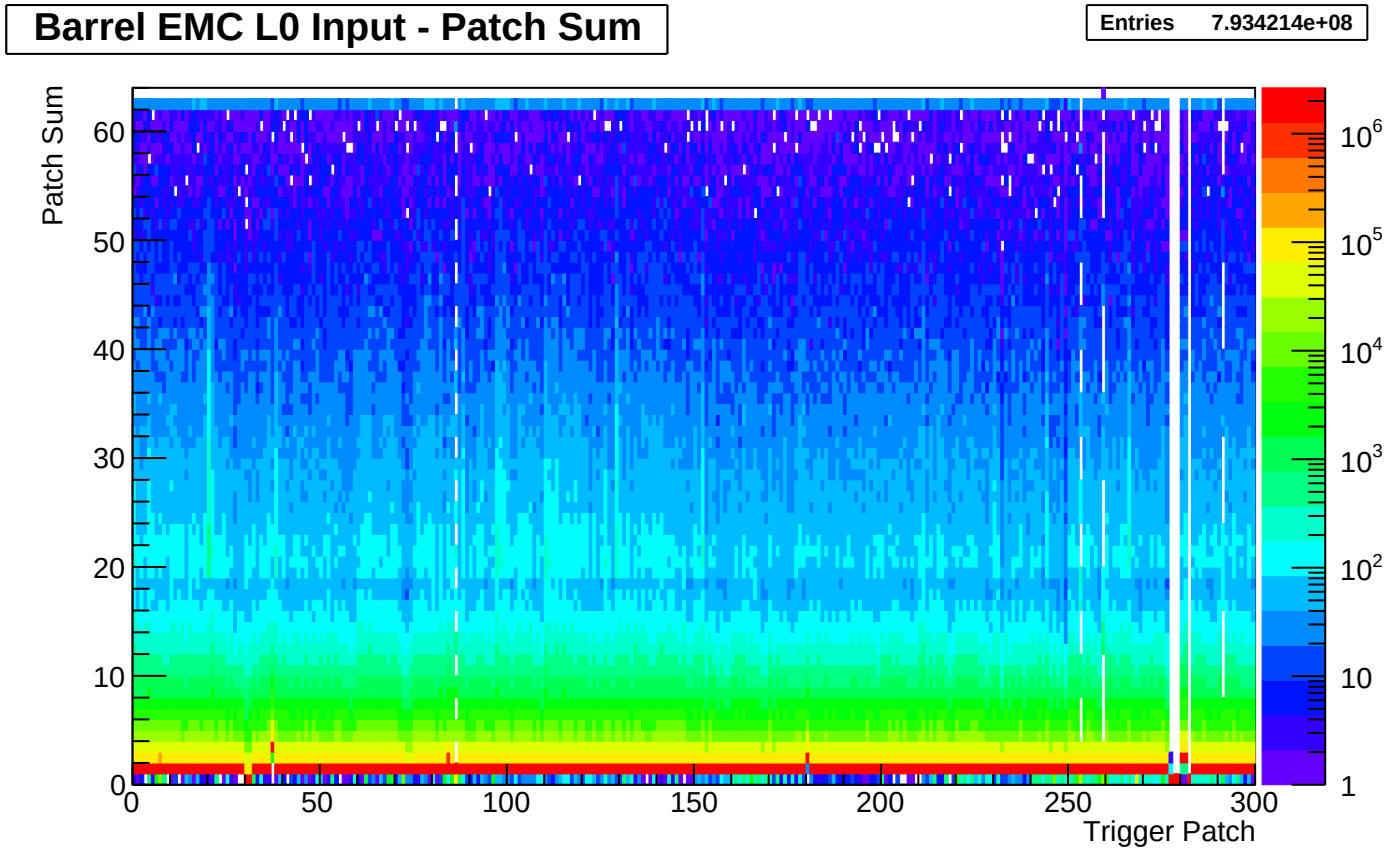
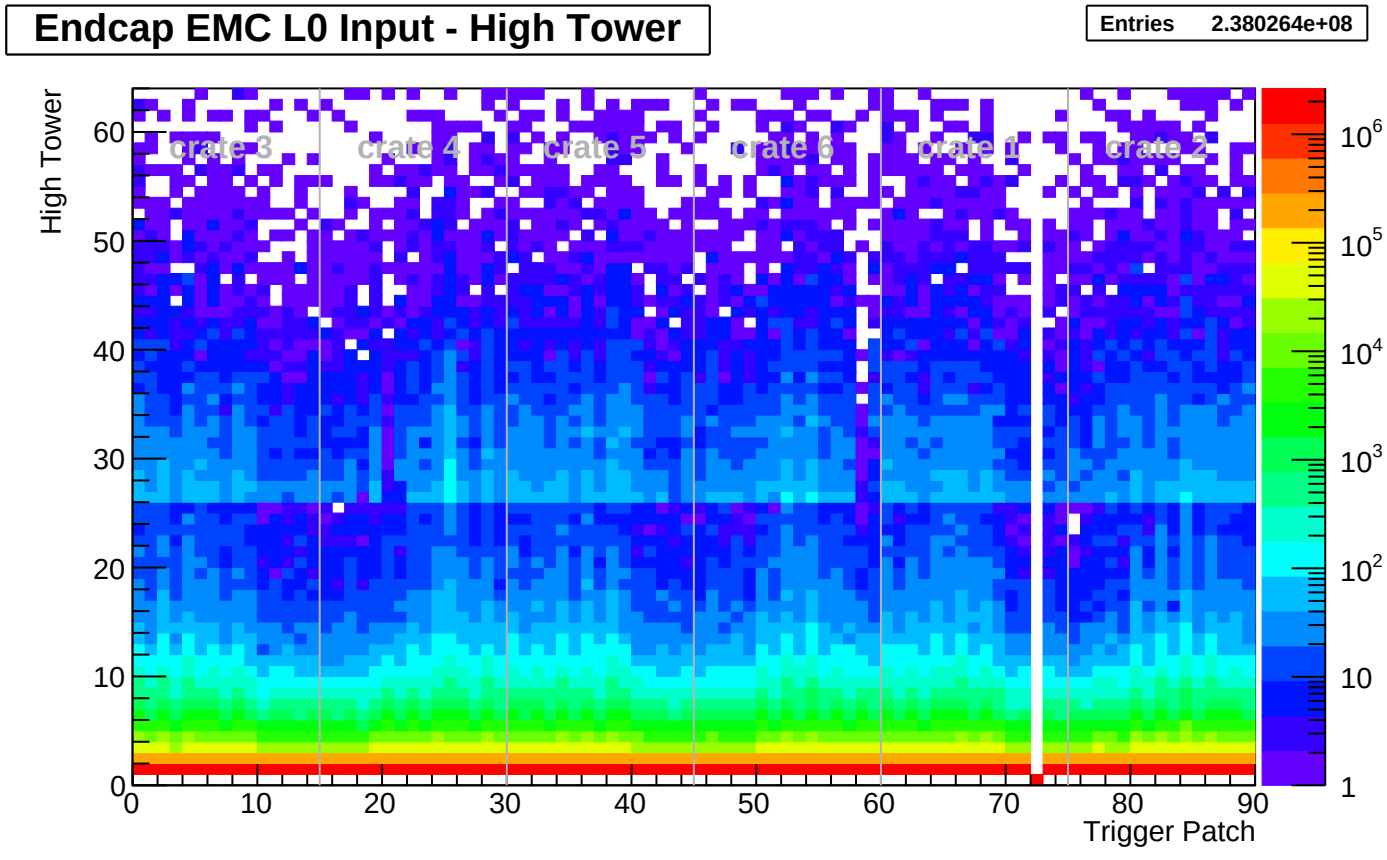
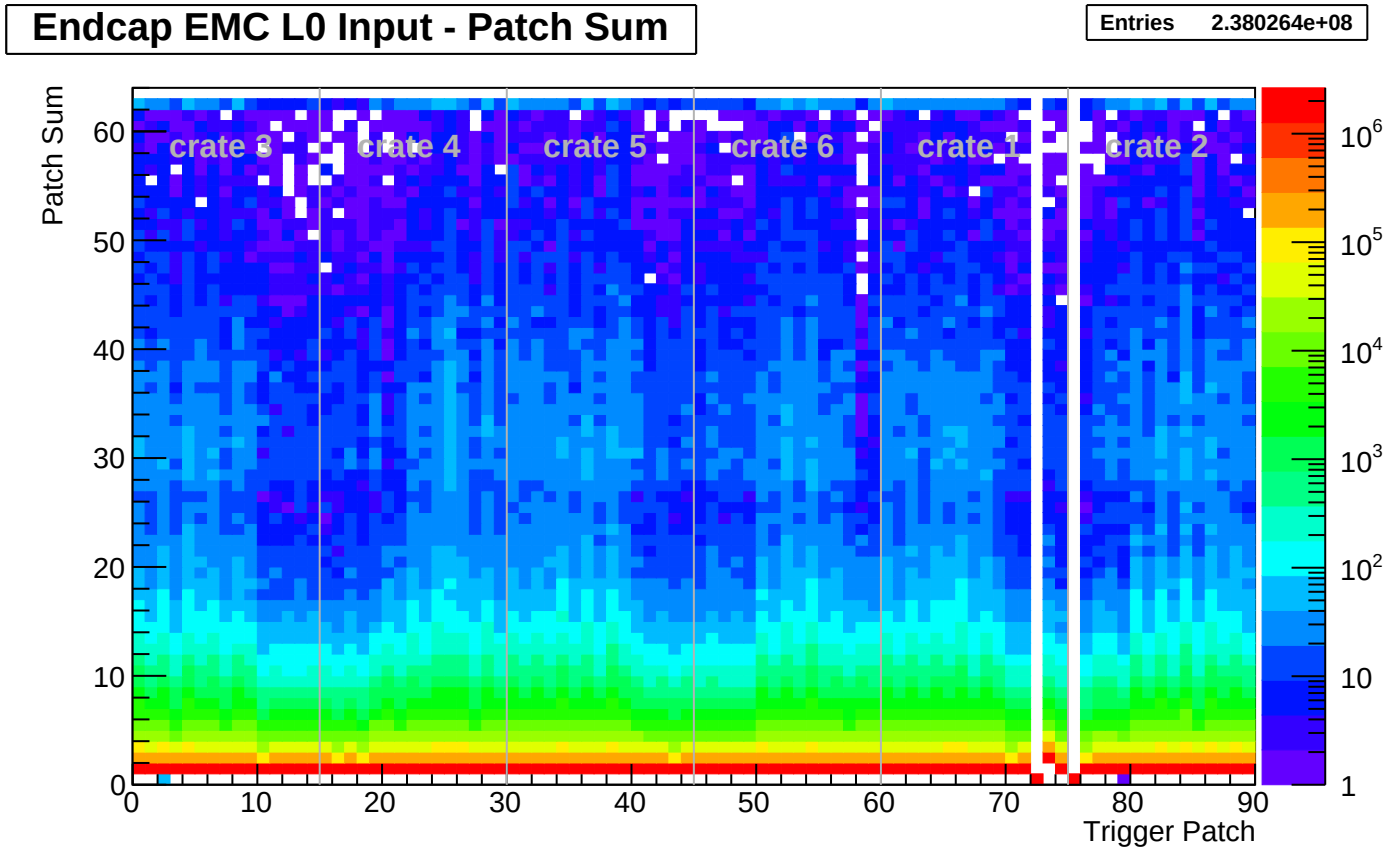
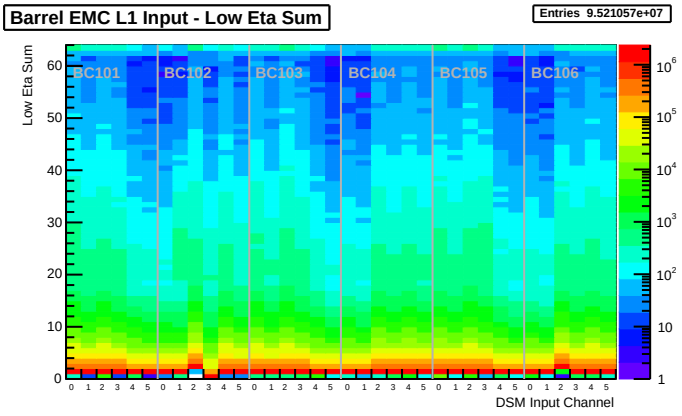
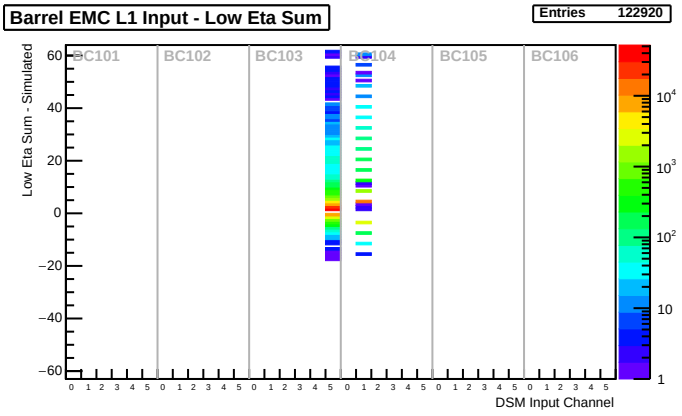

Barrel EMC L0 Input - High Tower
Entries 7.934214e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

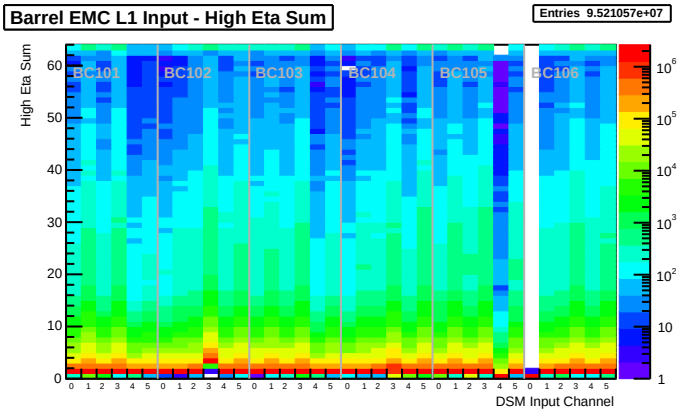

Barrel EMC L0 Input - Patch Sum
Entries 7.934214e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

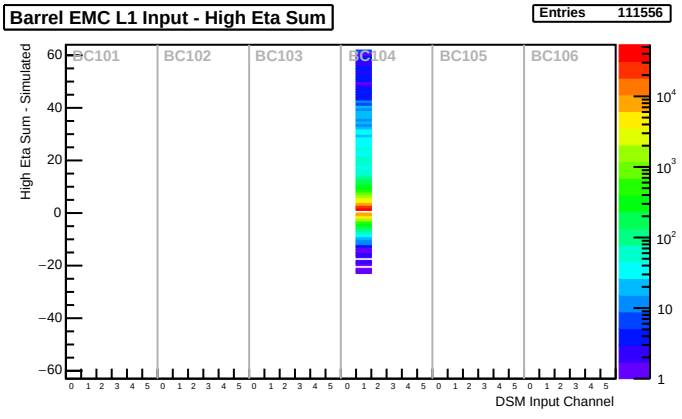

Endcap EMC L0 Input - High Tower
Entries 2.380264e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

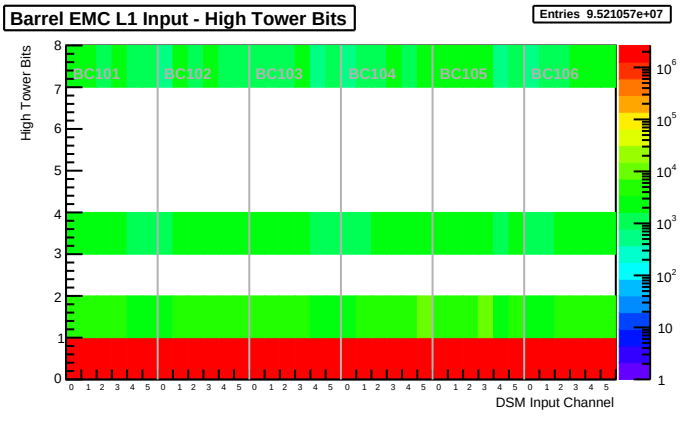

Endcap EMC L0 Input - Patch Sum
Entries 2.380264e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

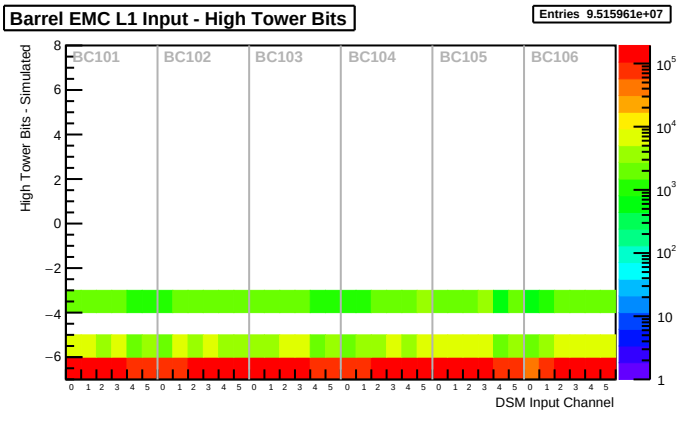

Barrel EMC L1 Input - Low Eta Sum
Entries 9.521057e+07
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

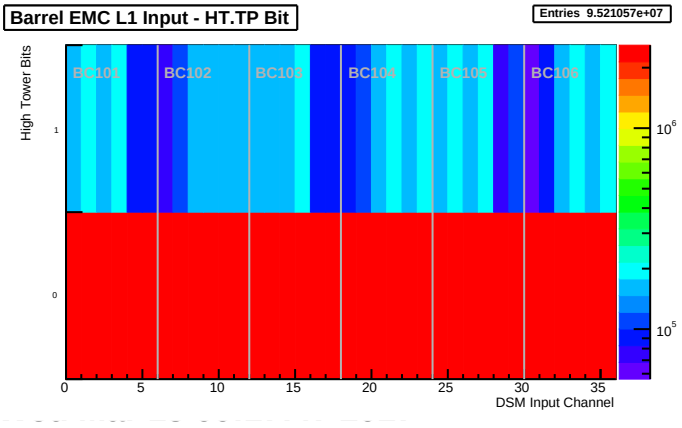

Barrel EMC L1 Input - Low Eta Sum
Entries 122920
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

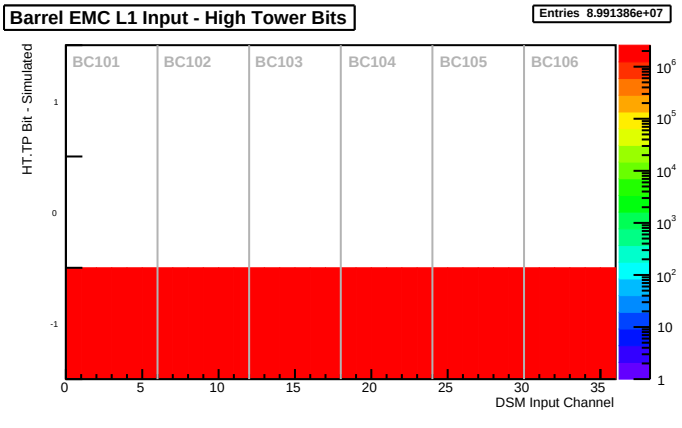

Barrel EMC L1 Input - High Eta Sum
Entries 9.521057e+07
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

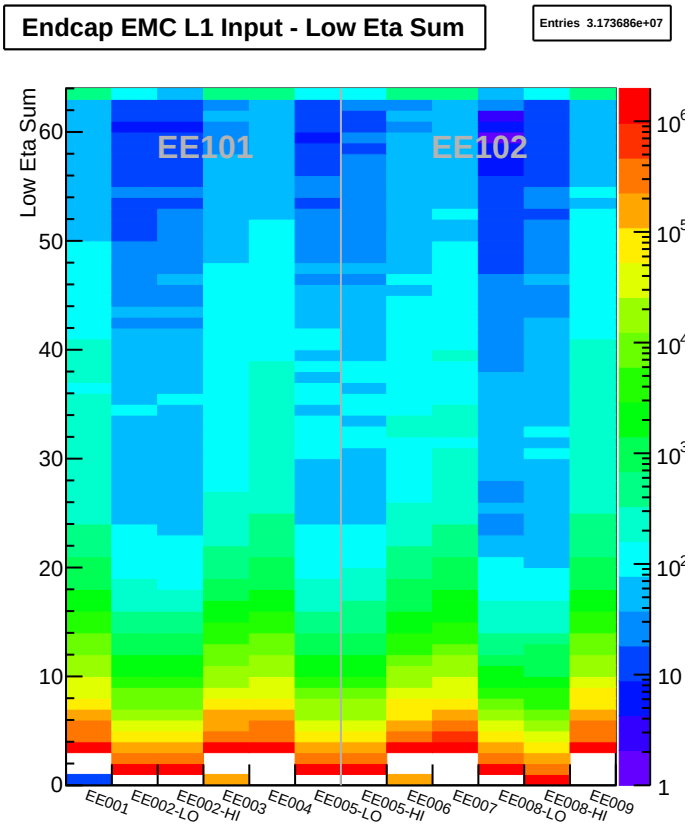

Barrel EMC L1 Input - High Eta Sum
Entries 111556
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

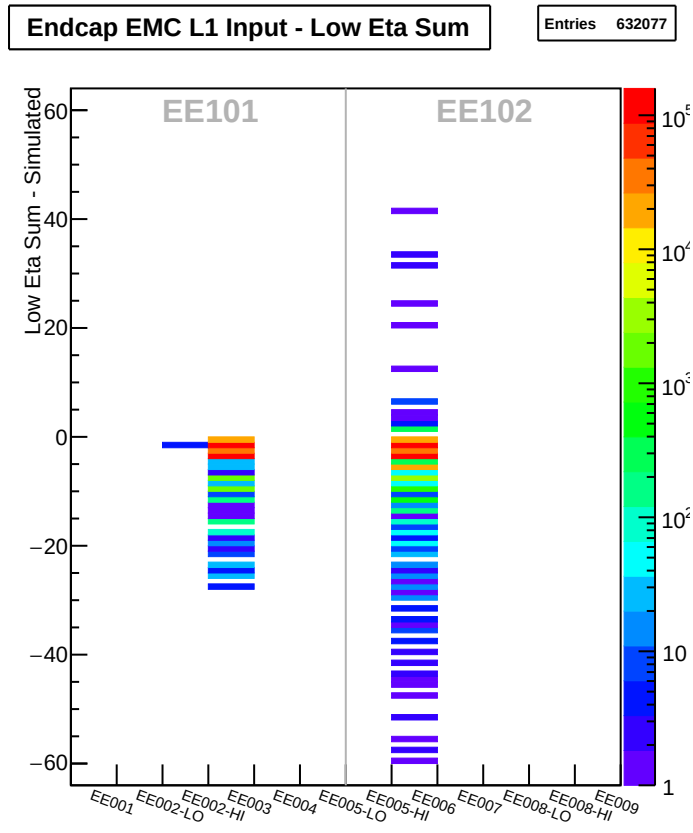

Barrel EMC L1 Input - High Tower Bits
Entries 9.521057e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

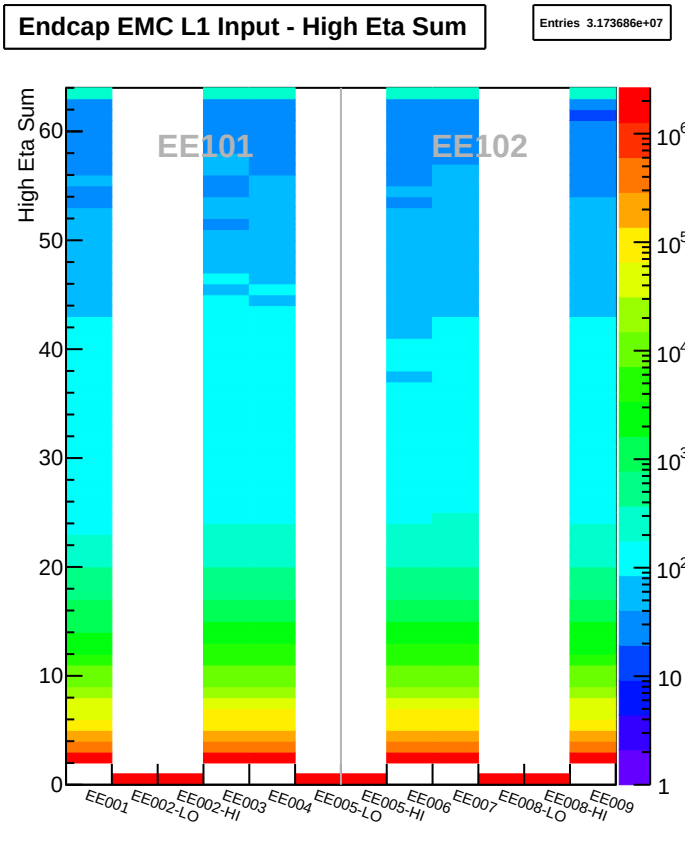

Barrel EMC L1 Input - High Tower Bits
Entries 9.515961e+07
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

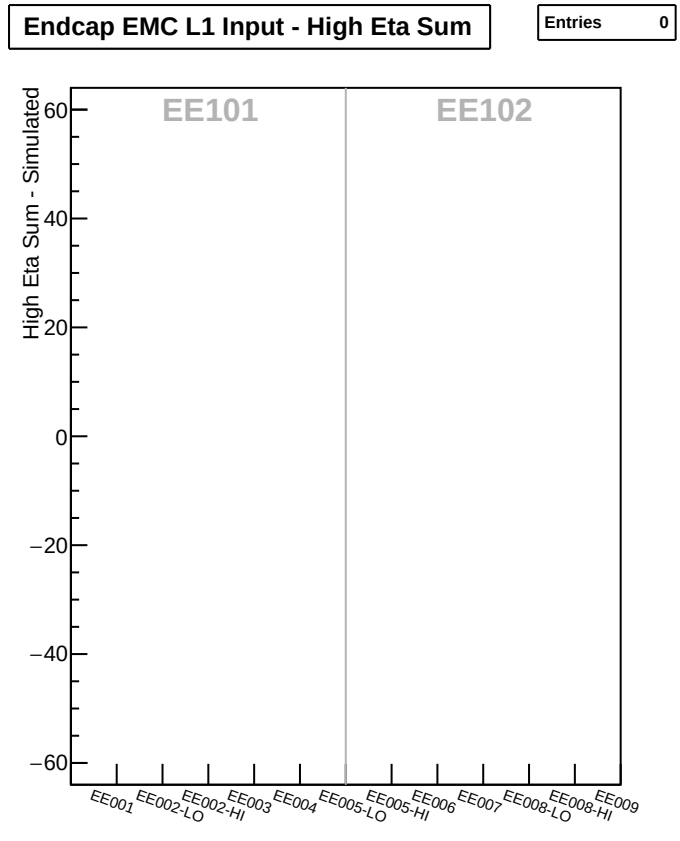

Barrel EMC L1 Input - HT.TP Bit
Entries 9.521057e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

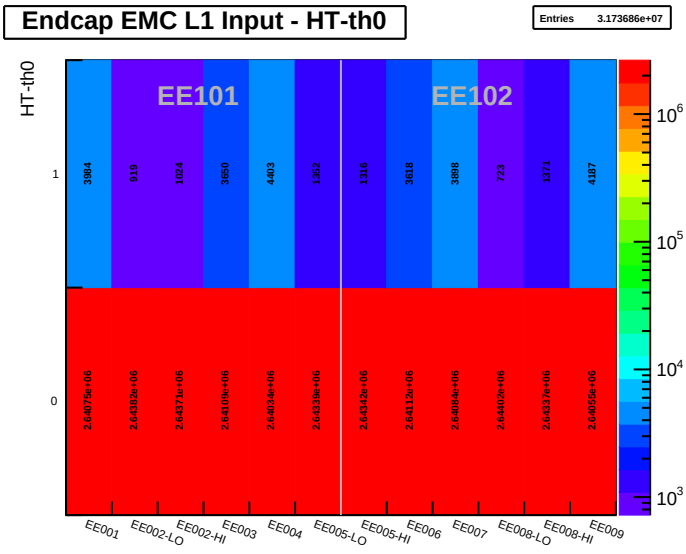

Barrel EMC L1 Input - High Tower Bits
Entries 8.991386e+07
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

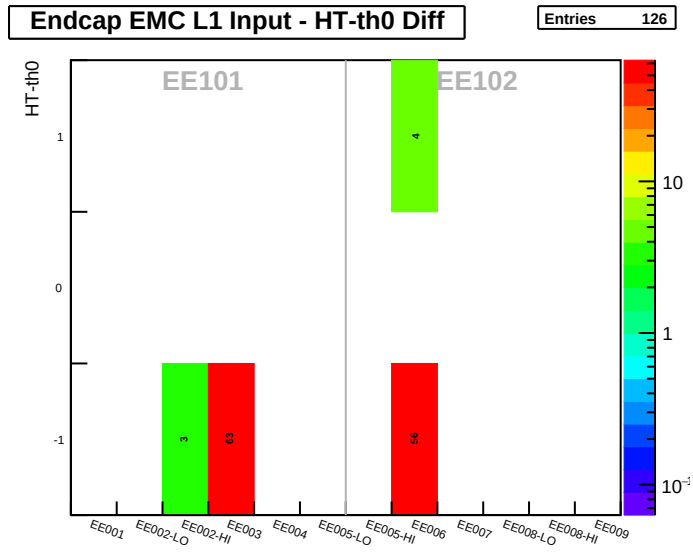

Endcap EMC L1 Input - Low Eta Sum
Entries 3.173686e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

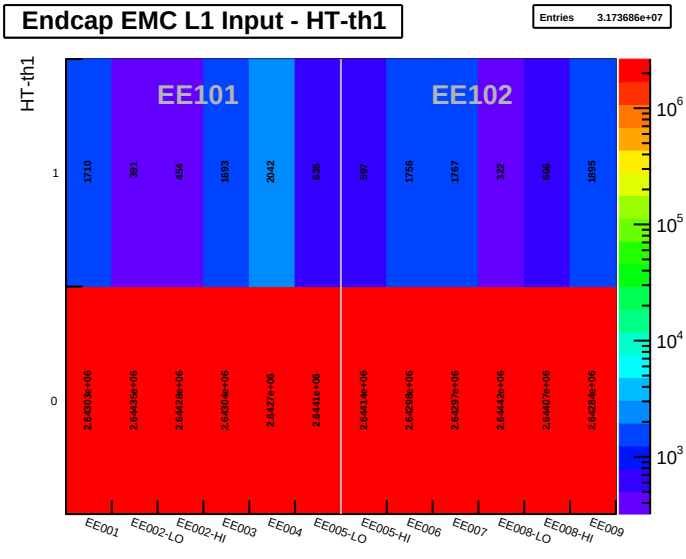

Endcap EMC L1 Input - Low Eta Sum
Entries 632077
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

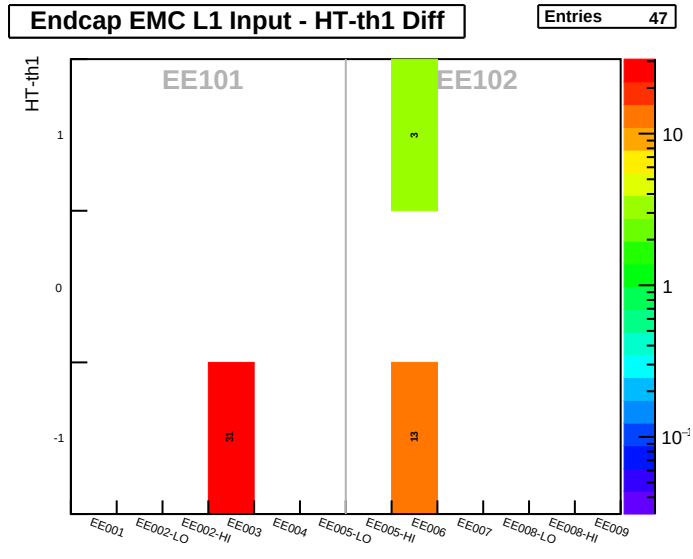

Endcap EMC L1 Input - High Eta Sum
Entries 3.173686e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

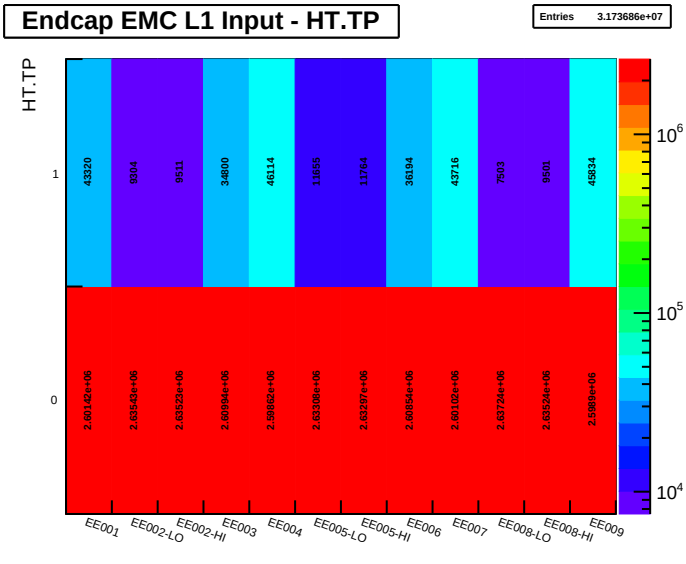

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

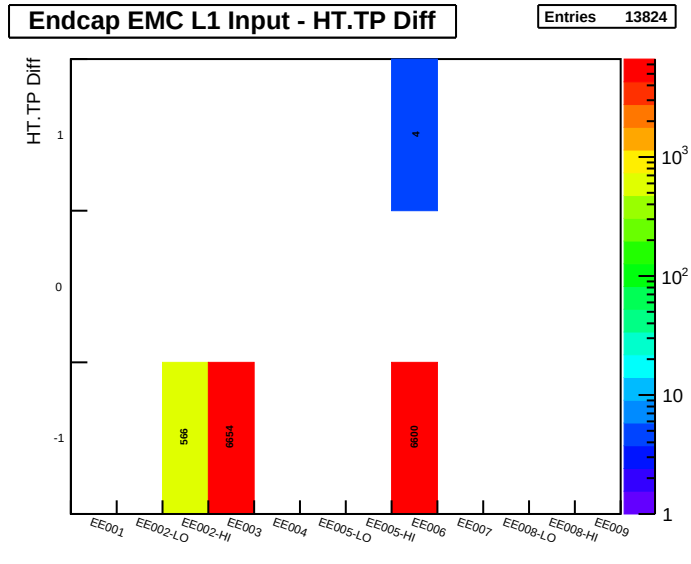

Endcap EMC L1 Input - HT-th0
Entries 3.173686e+07
HT-th0
EE101
EE102
1
0
3984 919 1024 3850 4403 1352 1316 3618 3898 723 1371 4187
2.64075e+06 2.64382e+06 2.64371e+06 2.64109e+06 2.64034e+06 2.64339e+06 2.64342e+06 2.64112e+06 2.64084e+06 2.64402e+06 2.64337e+06 2.64055e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^6 10^5 10^4 10^3

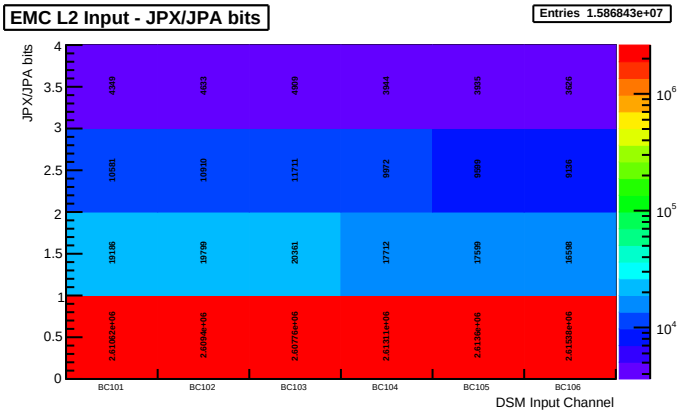

Endcap EMC L1 Input - HT-th0 Diff
Entries 126
HT-th0
EE101
EE102
1
0
-1
4
3 63 56
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10 1 10^{-1}

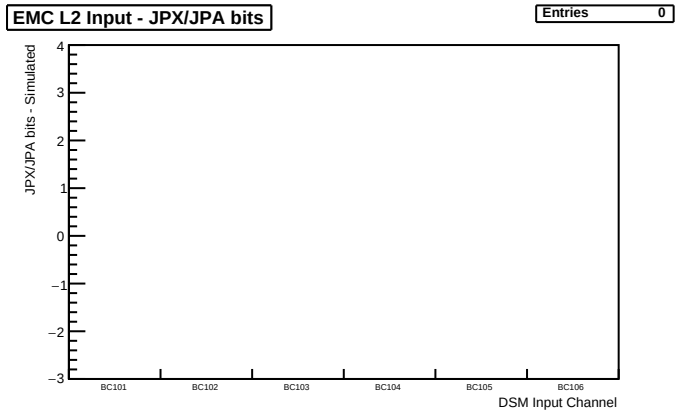

Endcap EMC L1 Input - HT-th1
Entries 3.173686e+07
HT-th1
EE101
EE102
1
0
1710 391 454 1593 2042 635 597 1756 1767 322 668 1895
2.64303e+06 2.64435e+06 2.64428e+06 2.64304e+06 2.6427e+06 2.6441e+06 2.64414e+06 2.64298e+06 2.64297e+06 2.64442e+06 2.64407e+06 2.64284e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^6 10^5 10^4 10^3

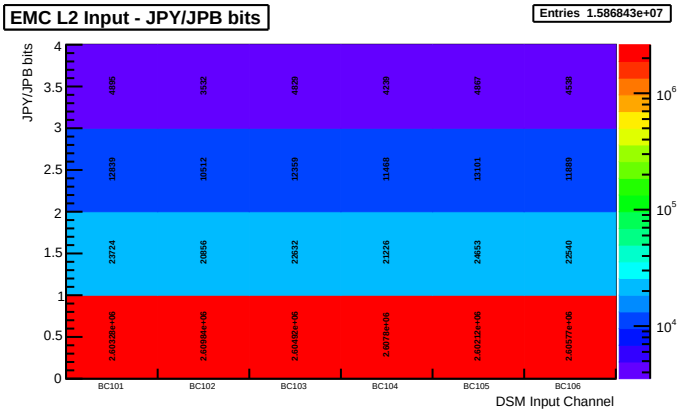

Endcap EMC L1 Input - HT-th1 Diff
Entries 47
HT-th1
EE101
EE102
1
0
-1
3
31 13
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10 1 10^{-1}

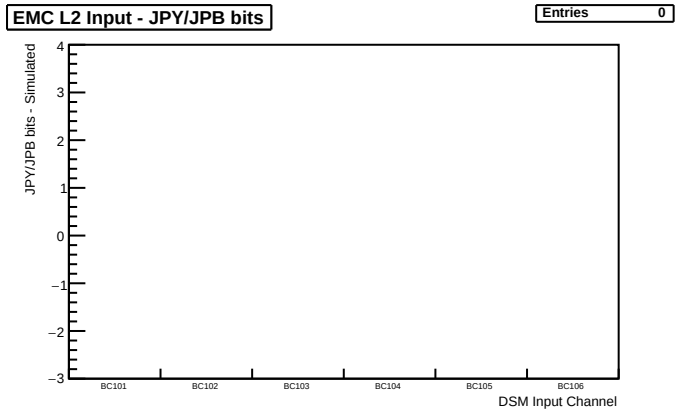

Endcap EMC L1 Input - HT.TP
Entries 3.173686e+07
HT.TP
1
0
43320 9304 9511 34800 46114 11655 11764 36194 43716 7503 9501 45834
2.60142e+06 2.63543e+06 2.63523e+06 2.60994e+06 2.59862e+06 2.63308e+06 2.63297e+06 2.60854e+06 2.60102e+06 2.63724e+06 2.63524e+06 2.5889e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^6 10^5 10^4

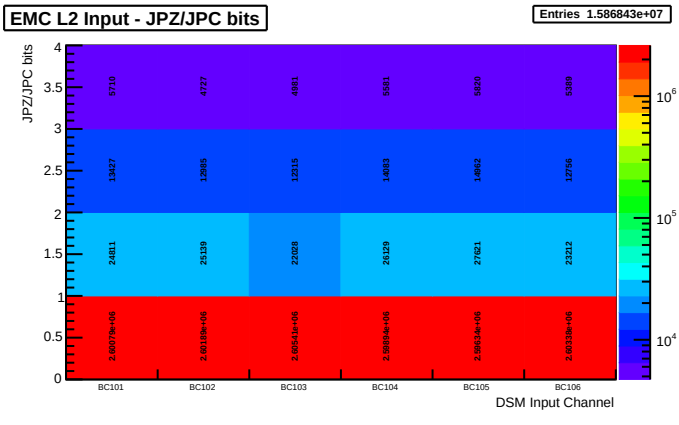

Endcap EMC L1 Input - HT.TP Diff
Entries 13824
HT.TP Diff
1
0
-1
4
566 6654 6600
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^3 10^2 10 1

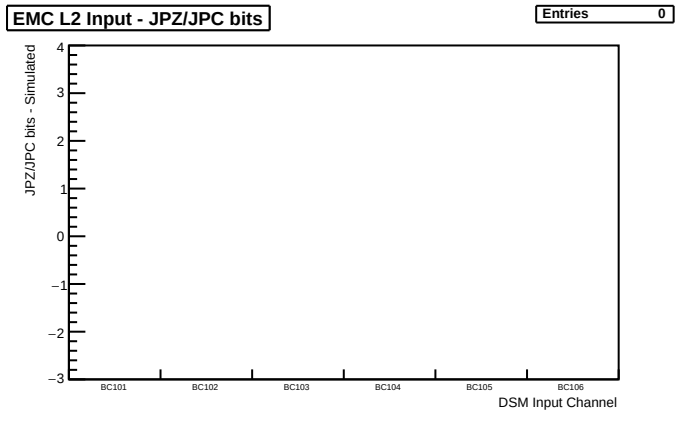

EMC L2 Input - JPX/JPA bits
Entries 1.586843e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

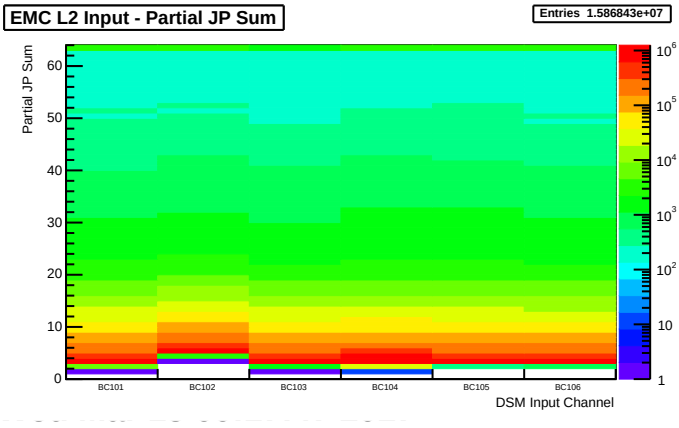

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

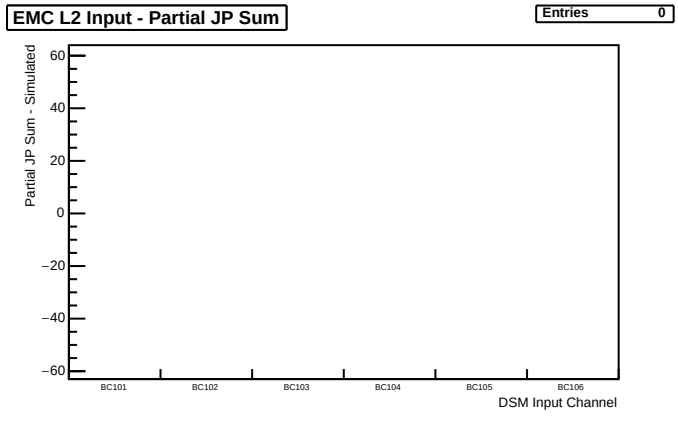

EMC L2 Input - JPY/JPB bits
Entries 1.586843e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

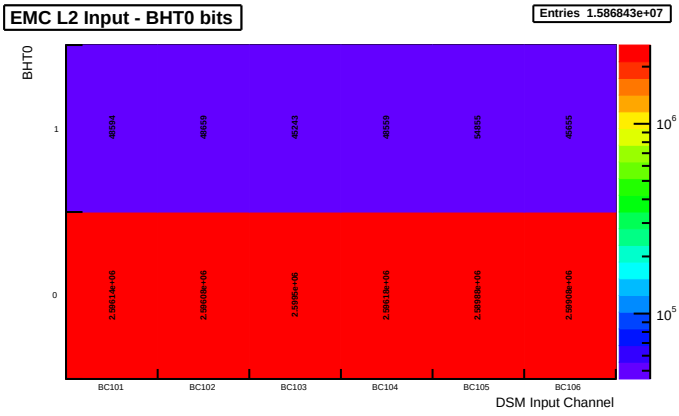

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

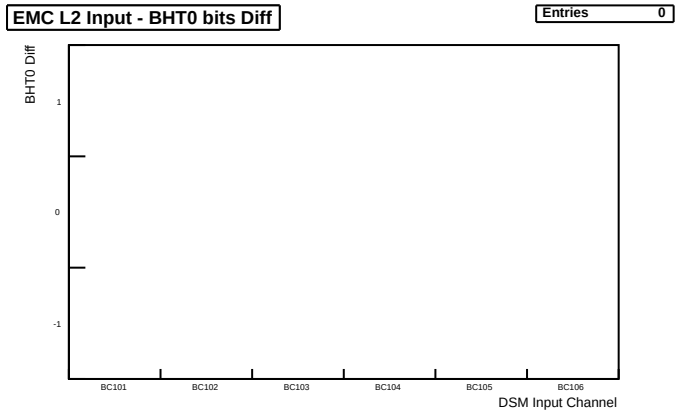

EMC L2 Input - JPZ/JPC bits
Entries 1.586843e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

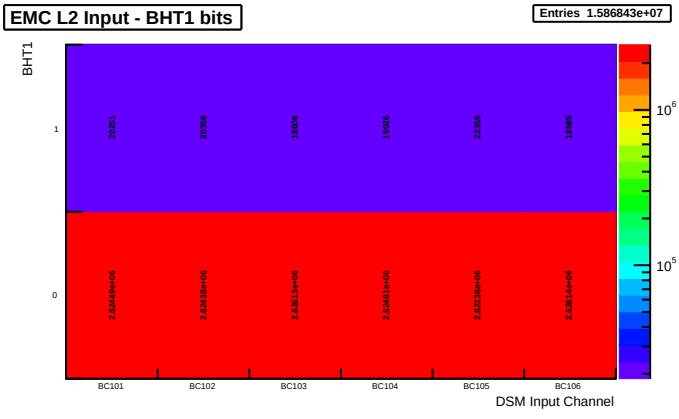

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

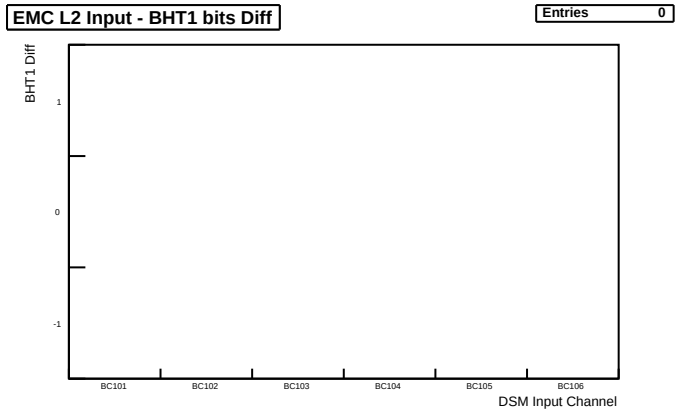

EMC L2 Input - Partial JP Sum
Entries 1.586843e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

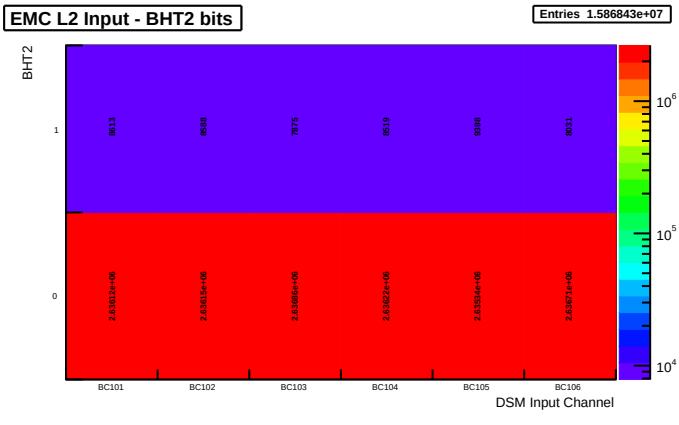

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

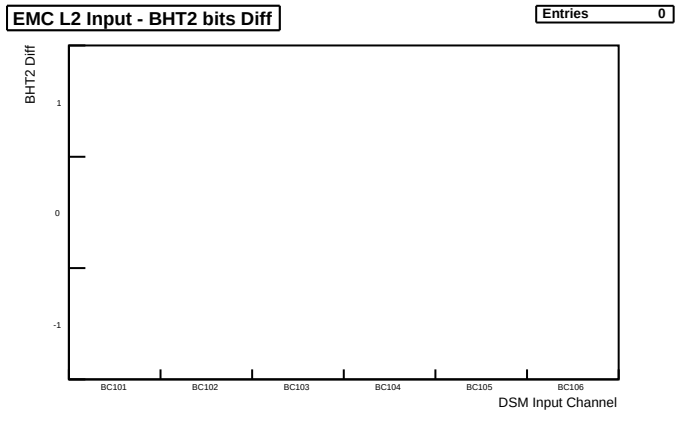

EMC L2 Input - BHT0 bits
Entries 1.586843e+07
BHT0
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

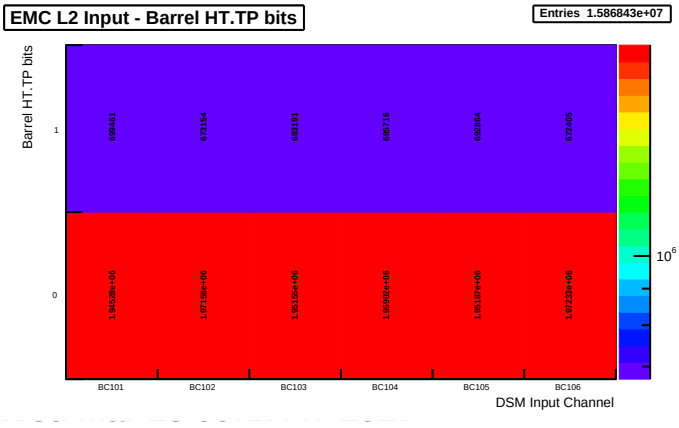

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

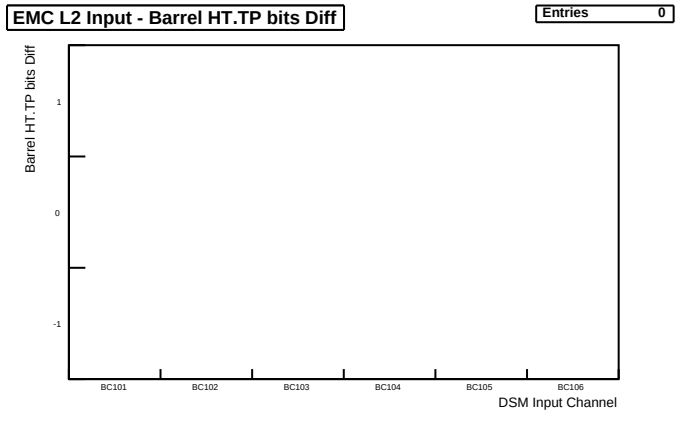

EMC L2 Input - BHT1 bits
Entries 1.586843e+07
BHT1
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

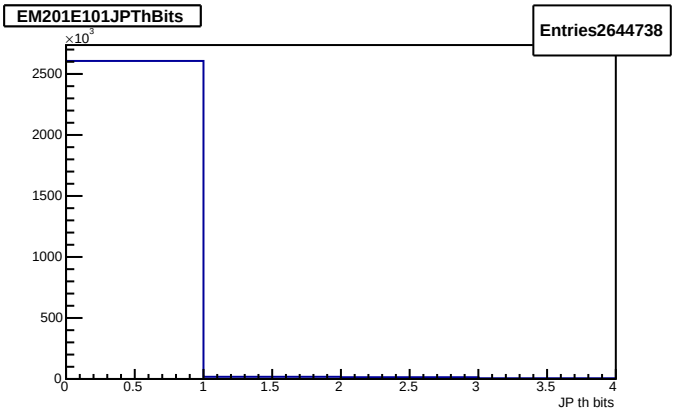

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

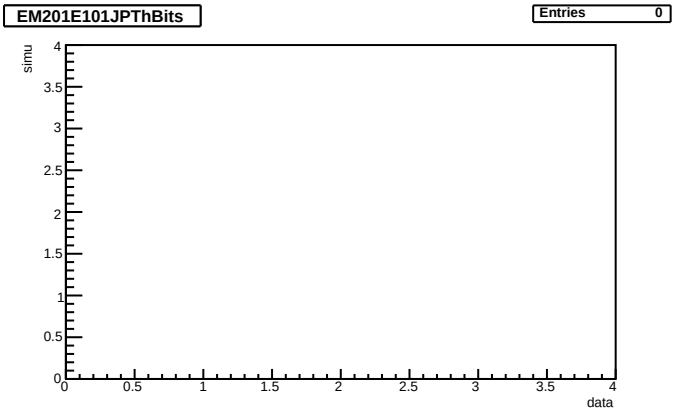

EMC L2 Input - BHT2 bits
Entries 1.586843e+07
BHT2
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

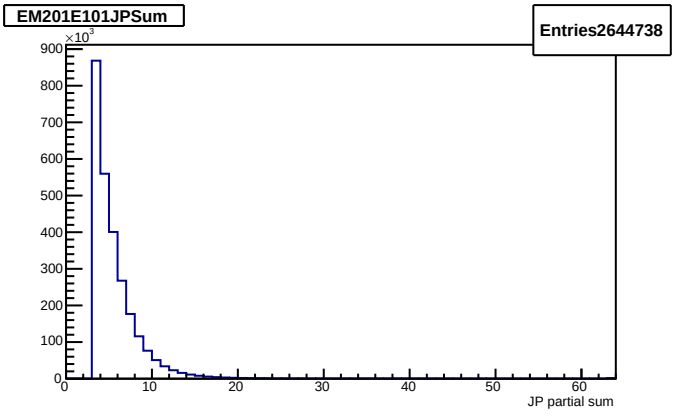

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

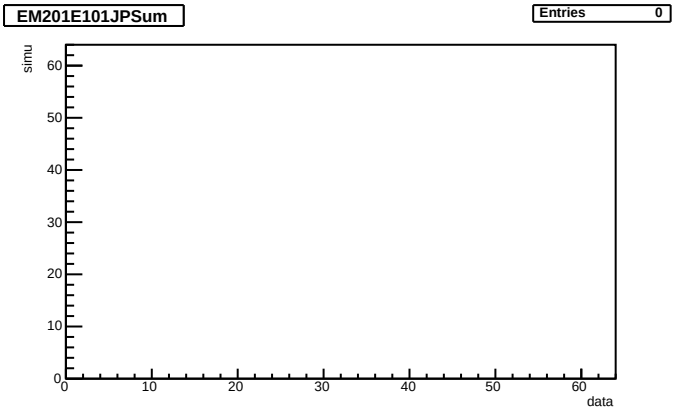

EMC L2 Input - Barrel HT.TP bits
Entries 1.586843e+07
Barrel HT.TP bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

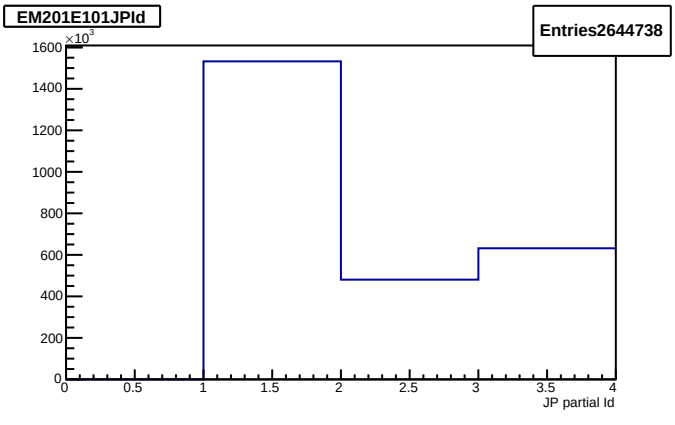

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

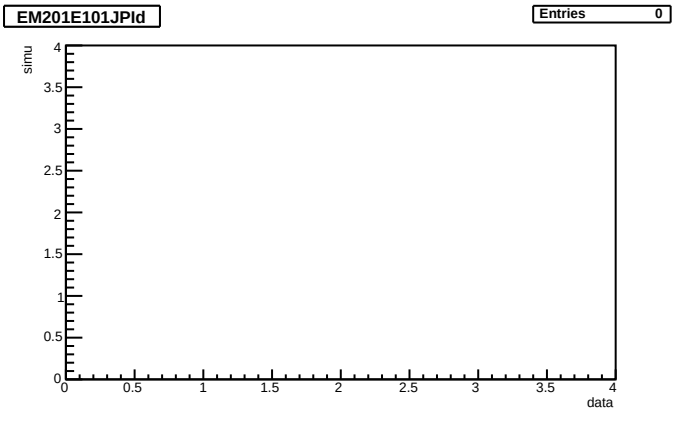

EM201E101JPThBits
Entries2644738
×10^3
JP th bits

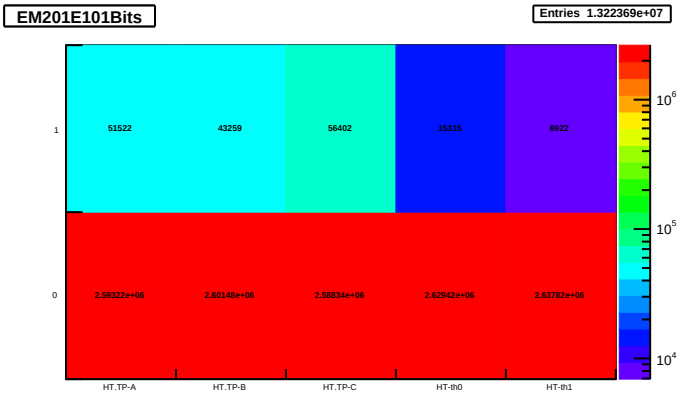

EM201E101JPThBits
Entries 0
simu
data

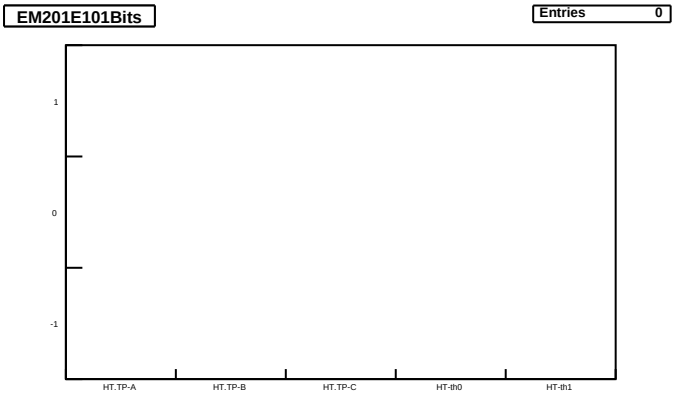

EM201E101JPSum
Entries2644738
×10^3
JP partial sum

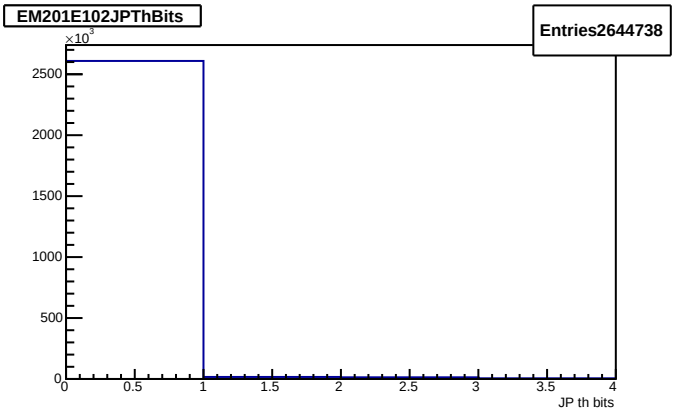

EM201E101JPSum
Entries 0
simu
data

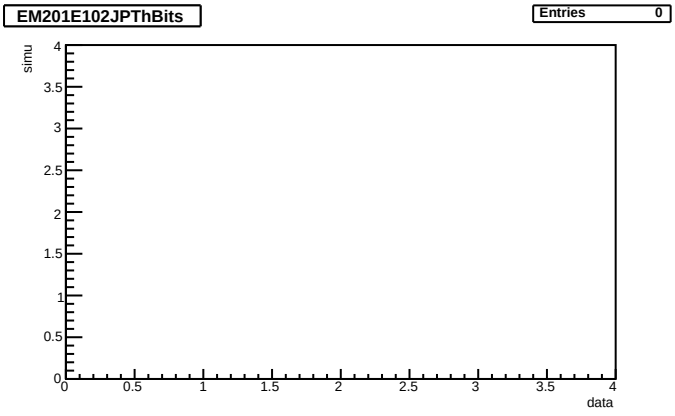

EM201E101JPId
Entries2644738
×10^3
JP partial Id

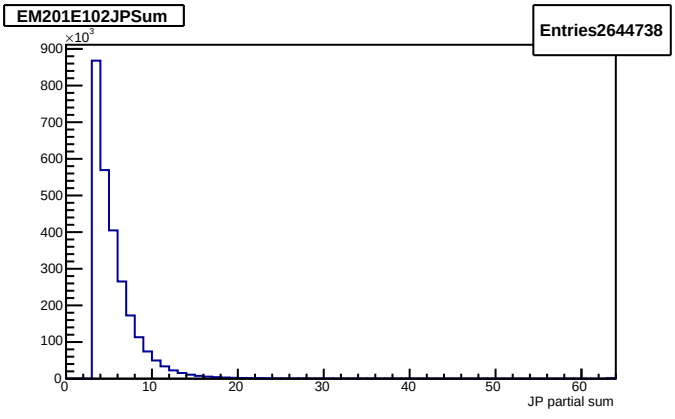

EM201E101JPId
Entries 0
simu
data

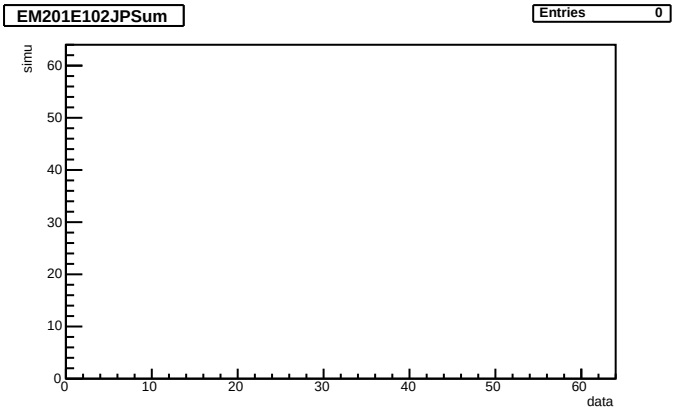

EM201E101Bits
Entries 1.322369e+07
51522
43259
56402
15315
6922
2.59322e+06
2.60148e+06
2.58834e+06
2.62942e+06
2.63782e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

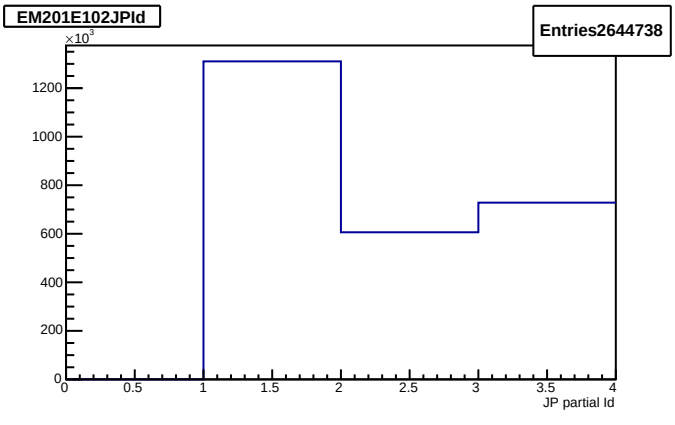

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

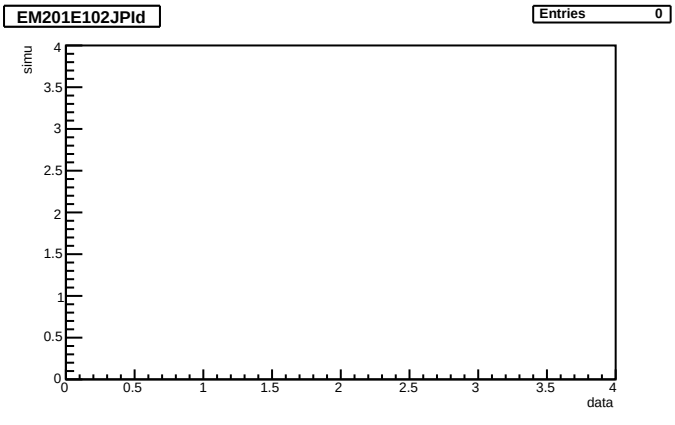

EM201E102JPThBits
Entries2644738
×10^3
JP th bits

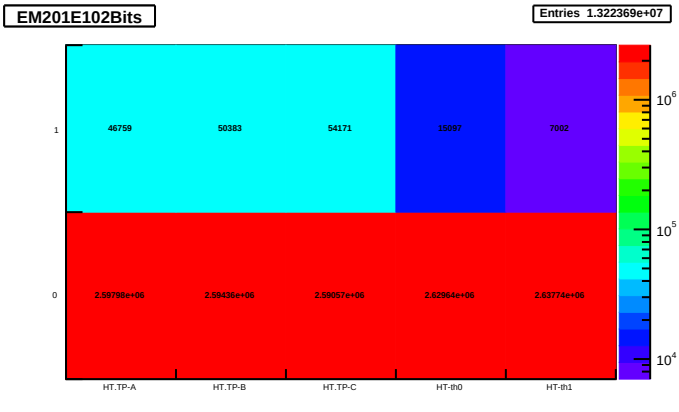

EM201E102JPThBits
Entries 0
simu
data

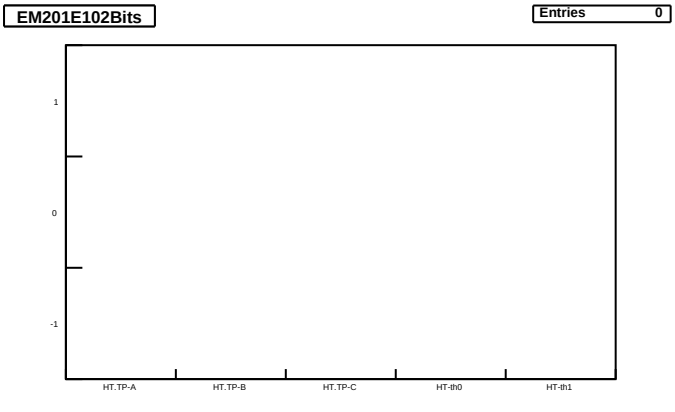

EM201E102JPSum
Entries2644738
×10^3
JP partial sum

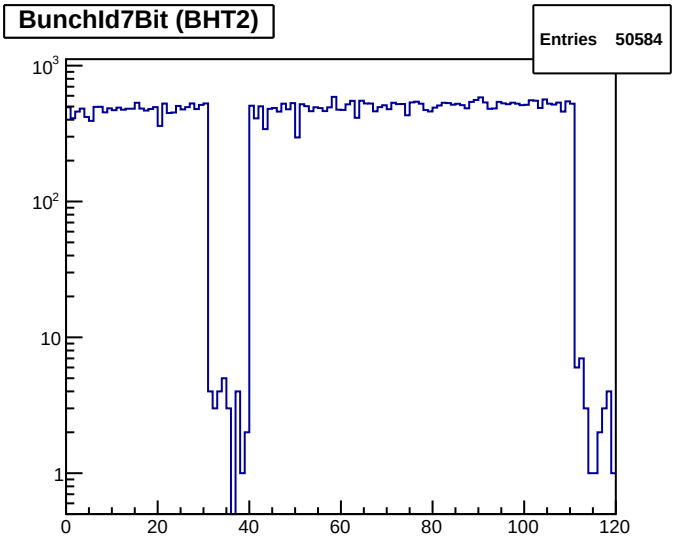

EM201E102JPSum
Entries 0
simu
data

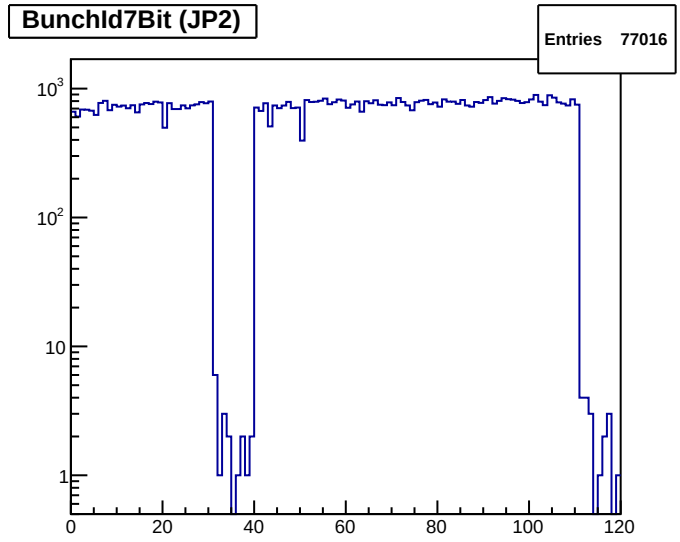

EM201E102JPId
Entries2644738
×10^3
JP partial Id

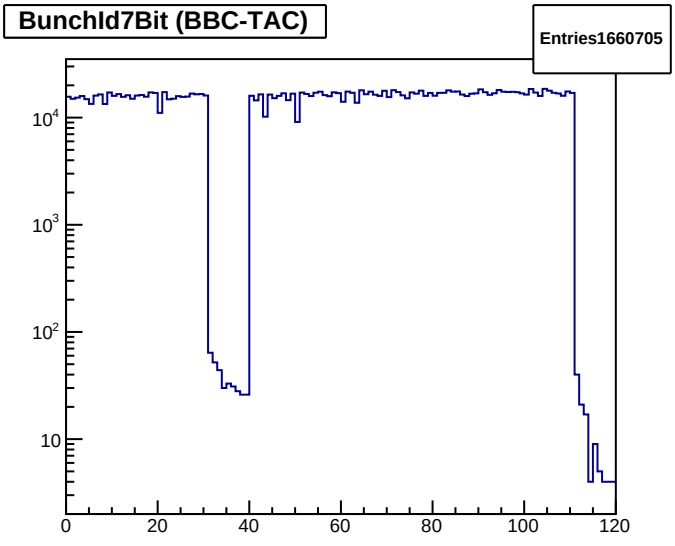

EM201E102JPId
Entries 0
simu
data

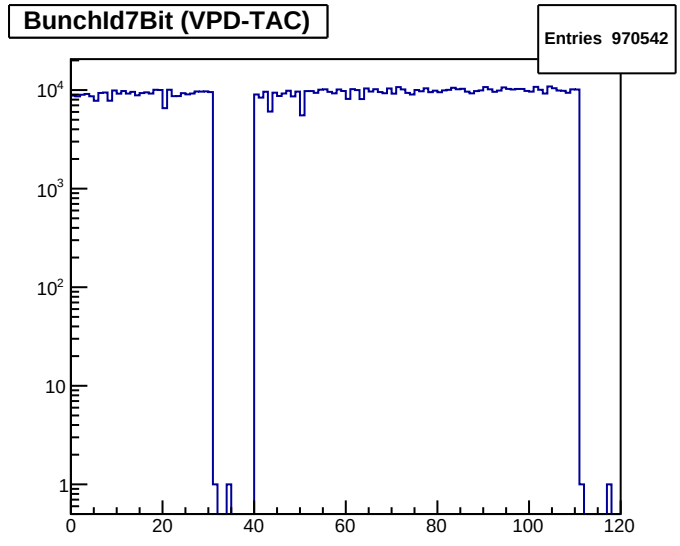

EM201E102Bits
Entries 1.322369e+07
46759
50383
54171
15097
7002
2.59798e+06
2.59436e+06
2.59057e+06
2.62964e+06
2.63774e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

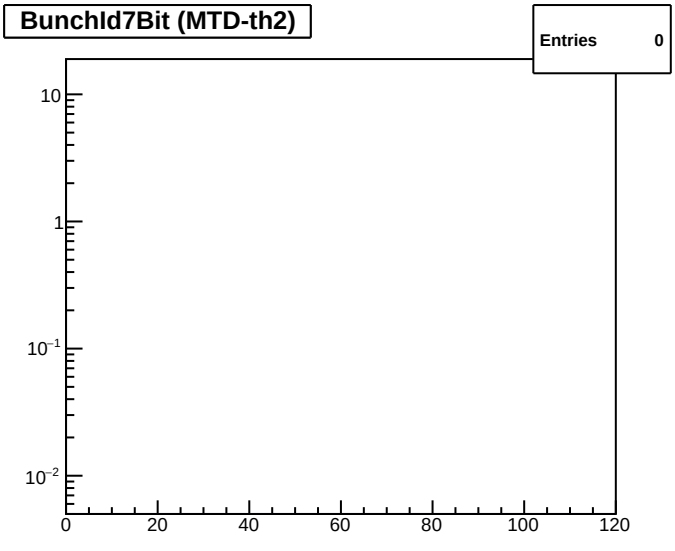

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

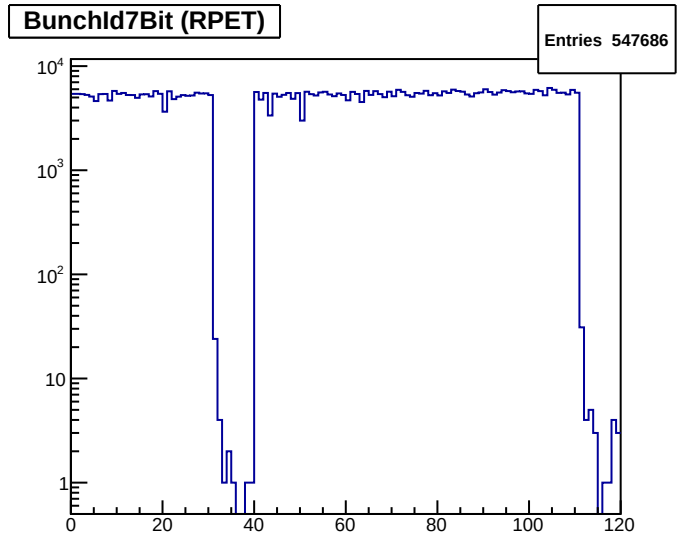

BunchId7Bit (BHT2)
Entries 50584

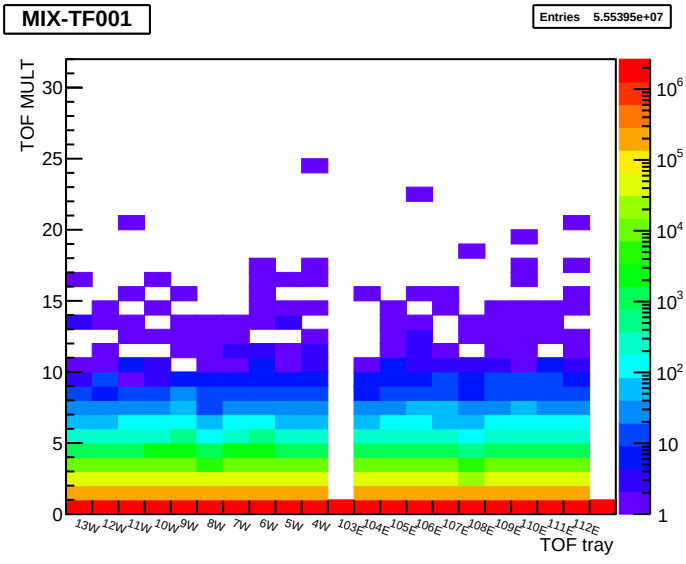

BunchId7Bit (JP2)
Entries 77016

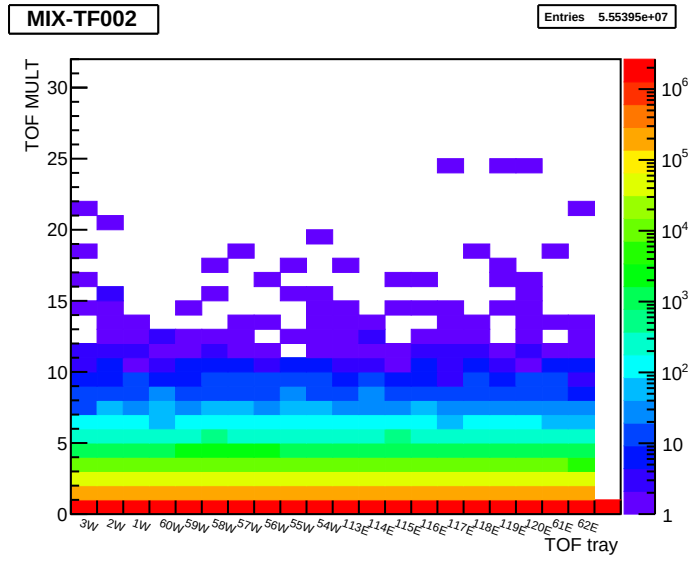

BunchId7Bit (BBC-TAC)
Entries1660705

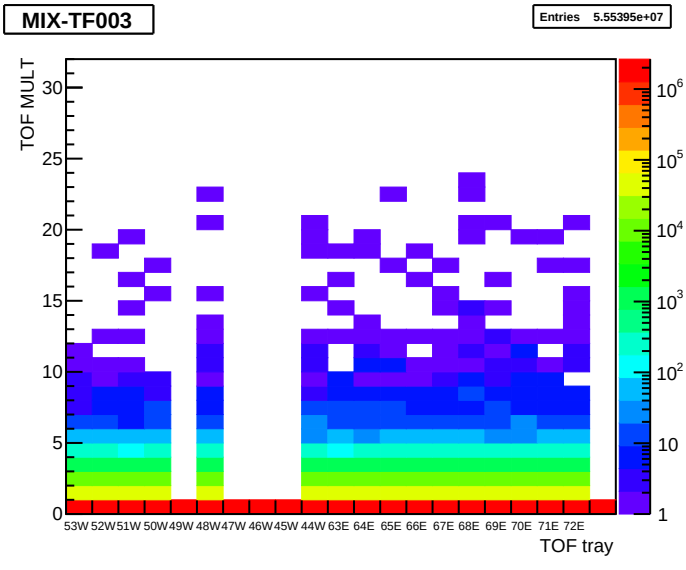

BunchId7Bit (VPD-TAC)
Entries 970542

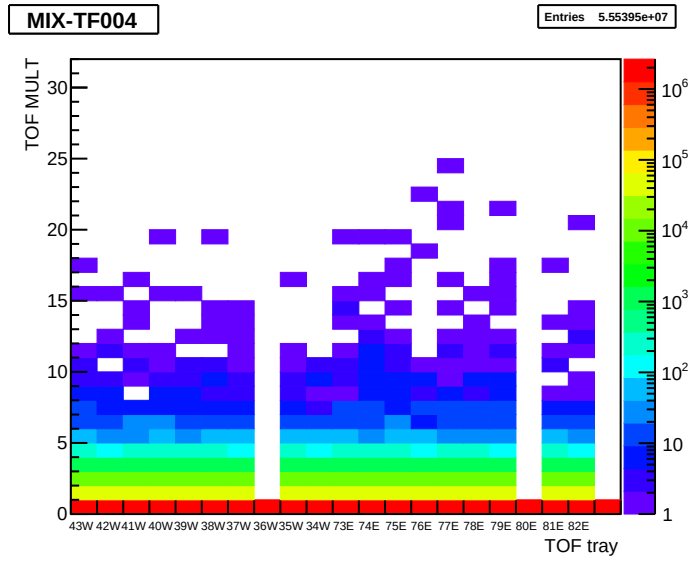

BunchId7Bit (MTD-th2)
Entries 0

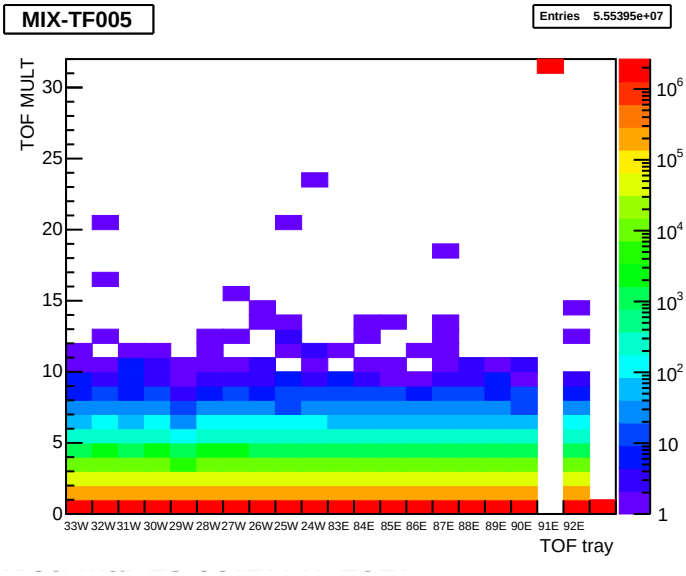

BunchId7Bit (RPET)
Entries 547686

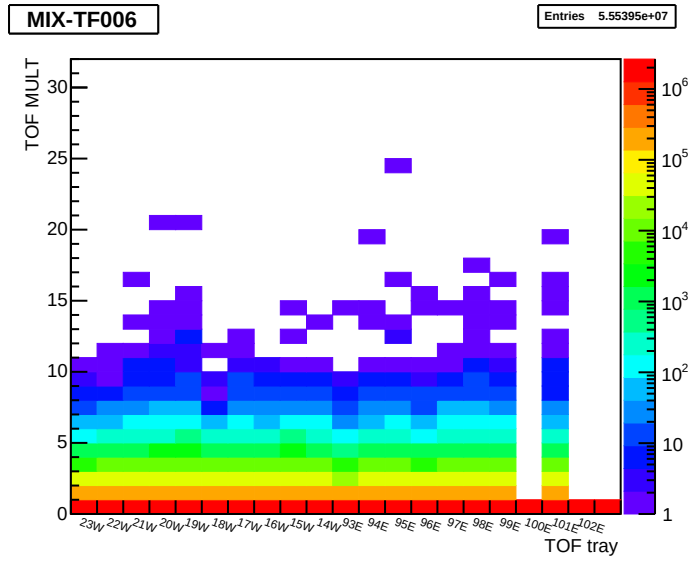

MIX-TF001
Entries 5.55395e+07
TOF MULT
TOF tray

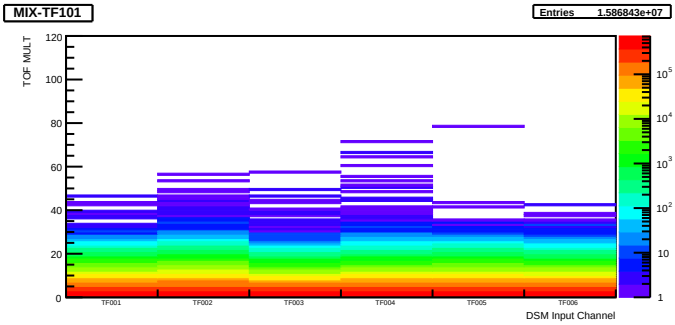

MIX-TF002
Entries 5.55395e+07
TOF MULT
TOF tray

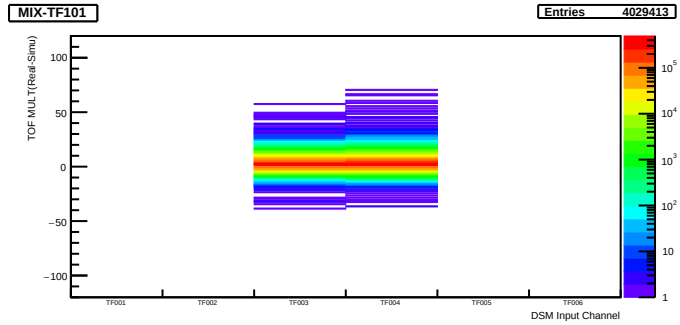

MIX-TF003
Entries 5.55395e+07
TOF MULT
TOF tray

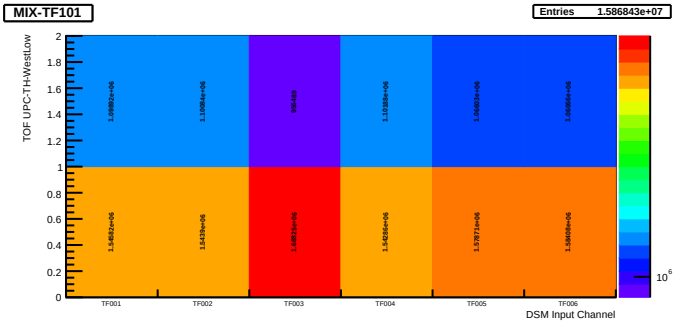

MIX-TF004
Entries 5.55395e+07
TOF MULT
TOF tray

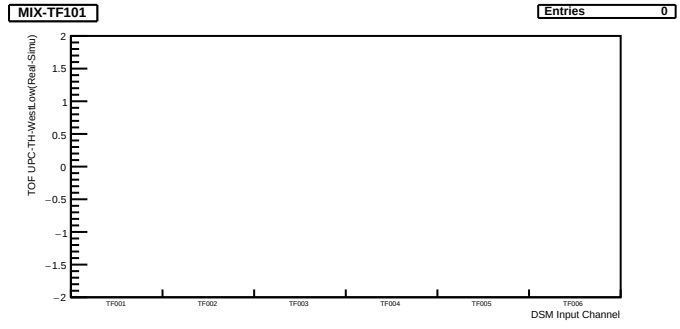

MIX-TF005
Entries 5.55395e+07
TOF MULT
TOF tray

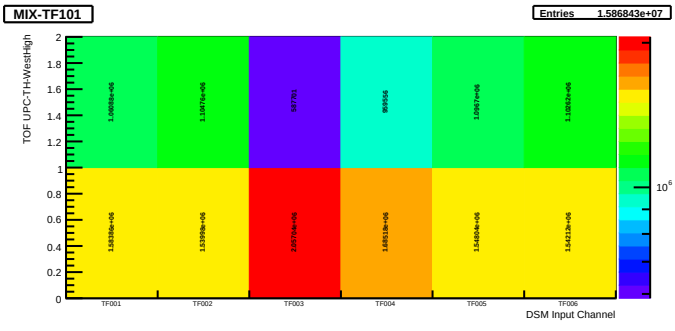

MIX-TF006
Entries 5.55395e+07
TOF MULT
TOF tray

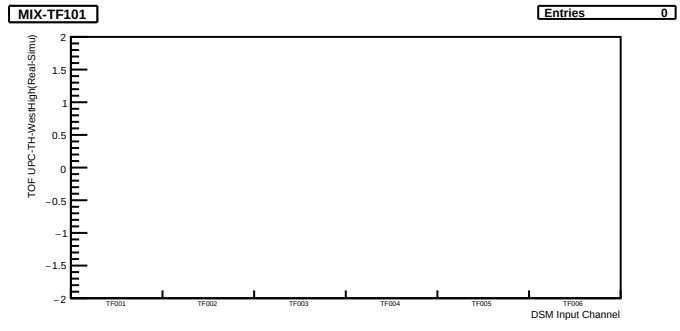

MIX-TF101
Entries 1.586843e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

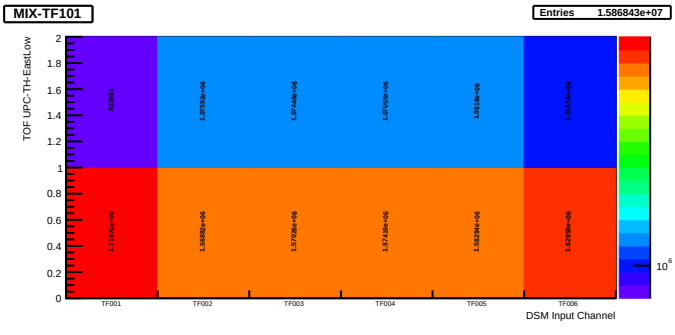

MIX-TF101
Entries 4029413
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

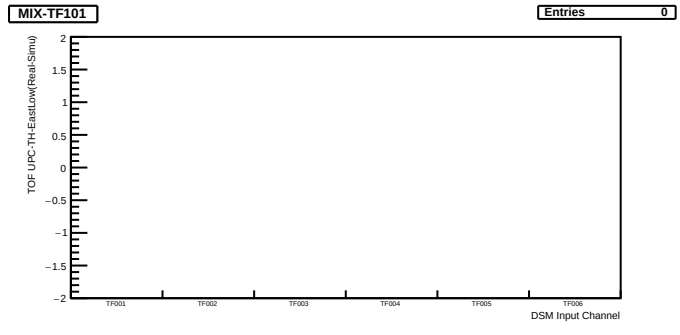

MIX-TF101
Entries 1.586843e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

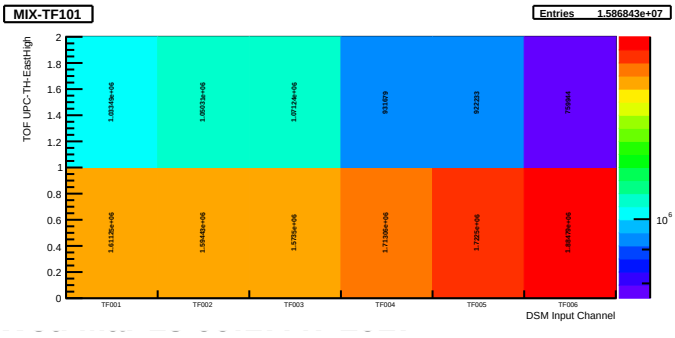

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

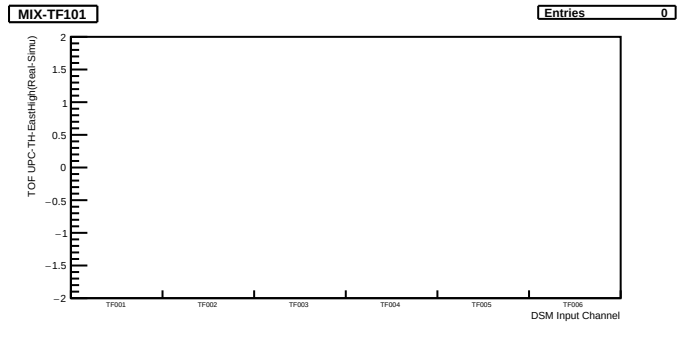

MIX-TF101
Entries 1.586843e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

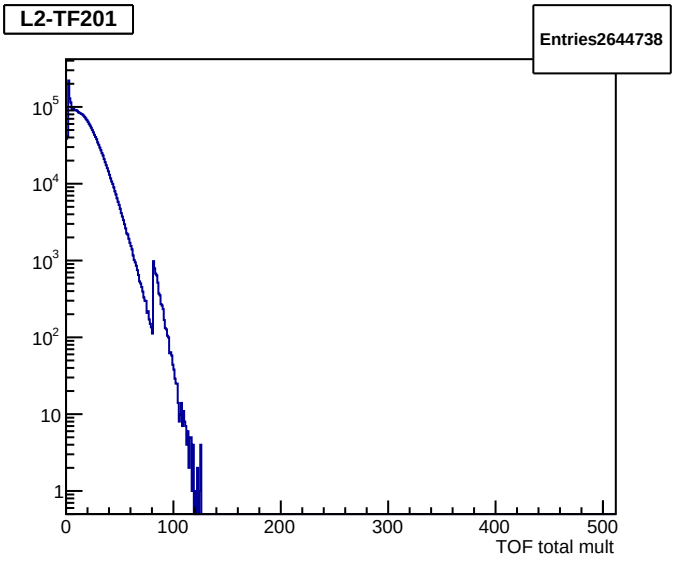

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

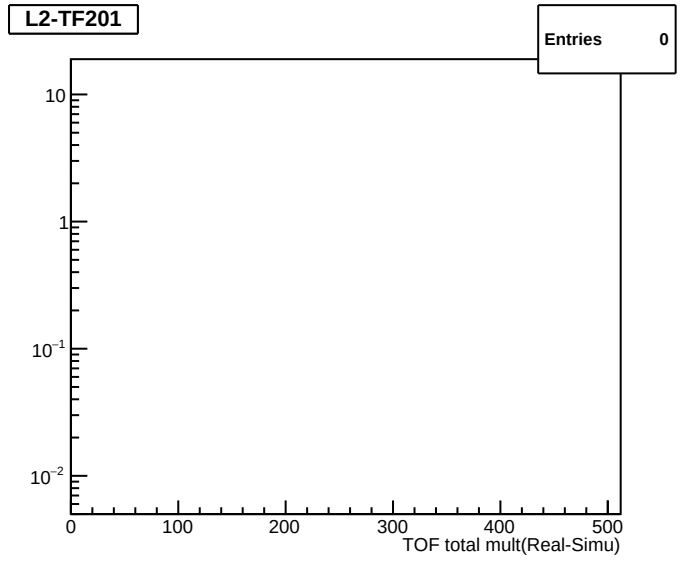

MIX-TF101
Entries 1.586843e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

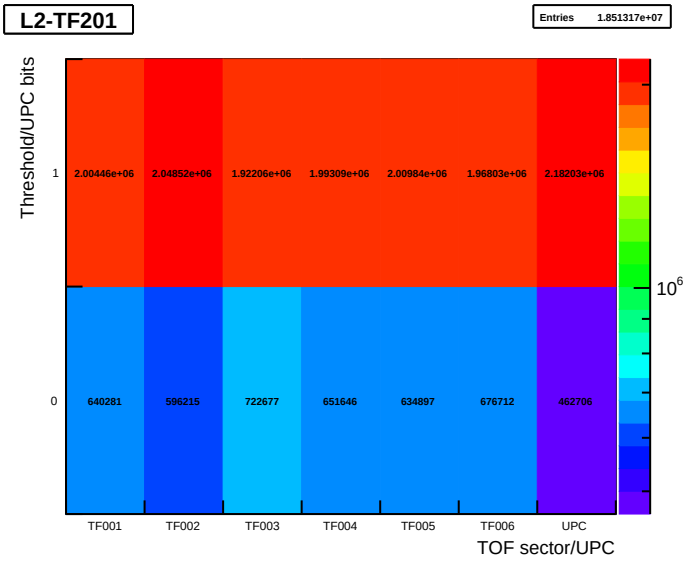

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

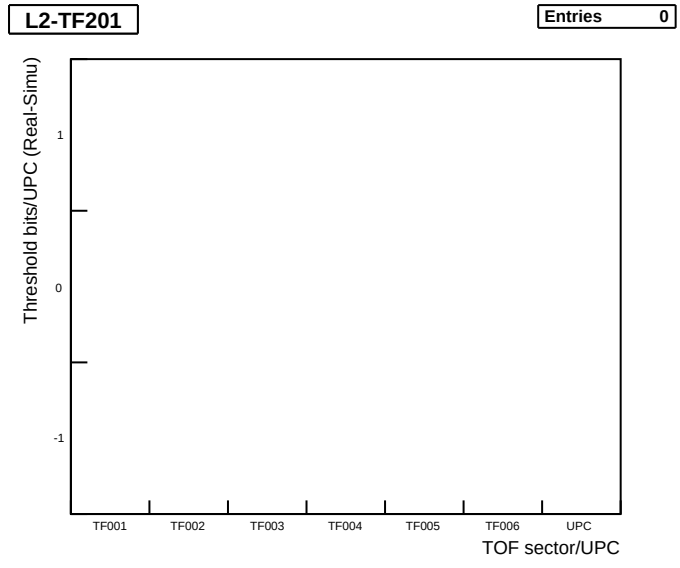

MIX-TF101
Entries 1.586843e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

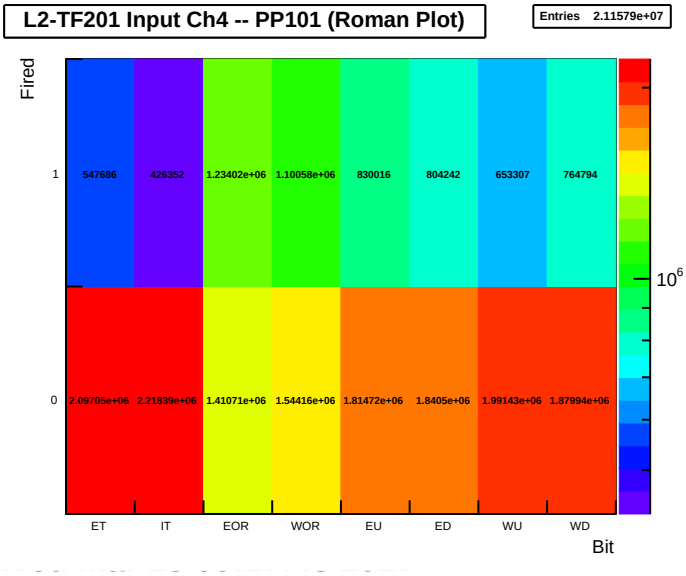

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

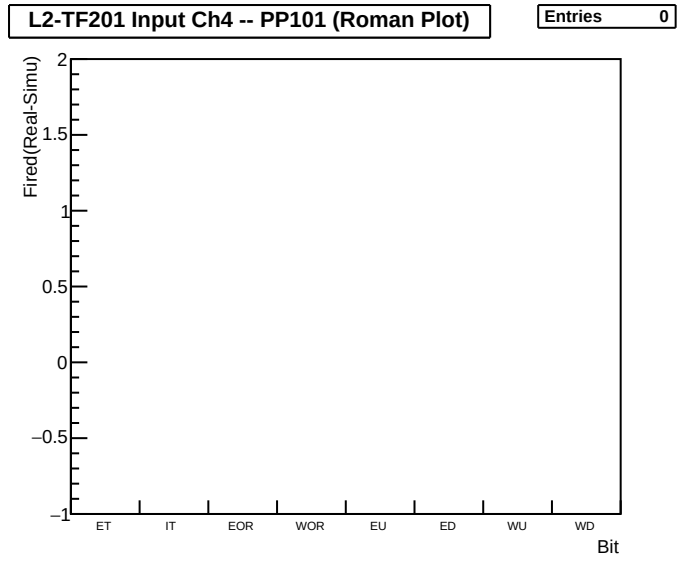

L2-TF201
Entries2644738
TOF total mult

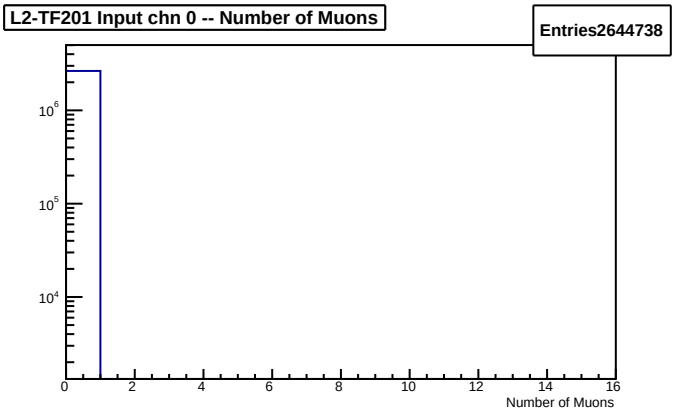

L2-TF201
Entries 0
TOF total mult(Real-Simu)

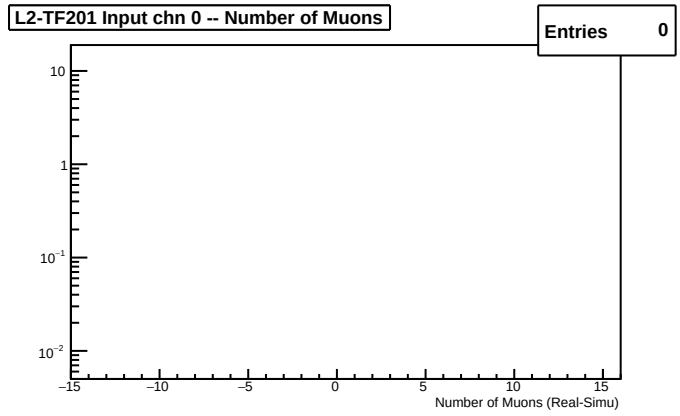

L2-TF201
Entries 1.851317e+07
Threshold/UPC bits
2.00446e+06
2.04852e+06
1.92206e+06
1.99309e+06
2.00984e+06
1.96803e+06
2.18203e+06
640281
596215
722677
651646
634897
676712
462706
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

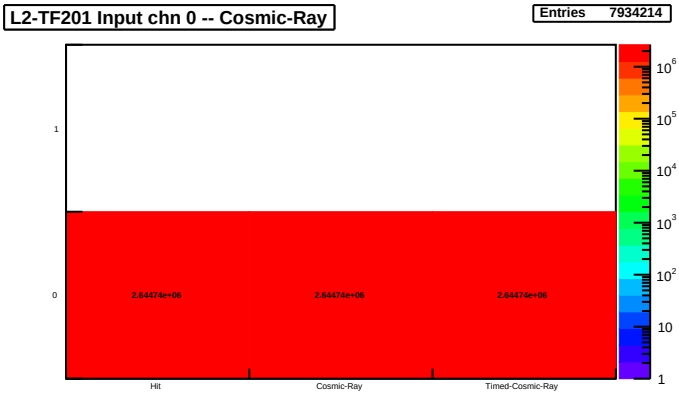

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

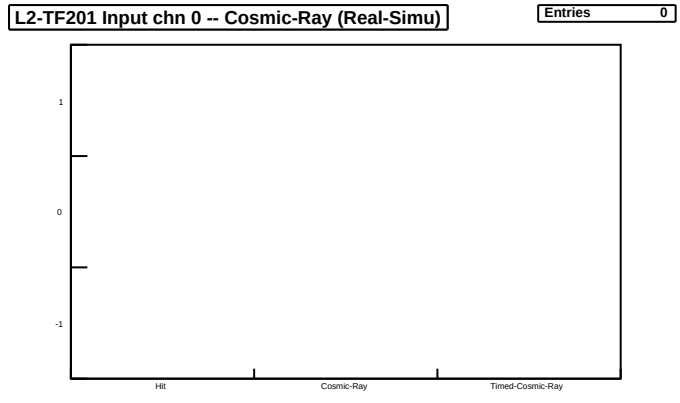

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 2.11579e+07
Fired
547686
426352
1.23402e+06
1.10058e+06
830016
804242
653307
764794
2.09705e+06
2.21839e+06
1.41071e+06
1.54416e+06
1.81472e+06
1.8405e+06
1.99143e+06
1.87994e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

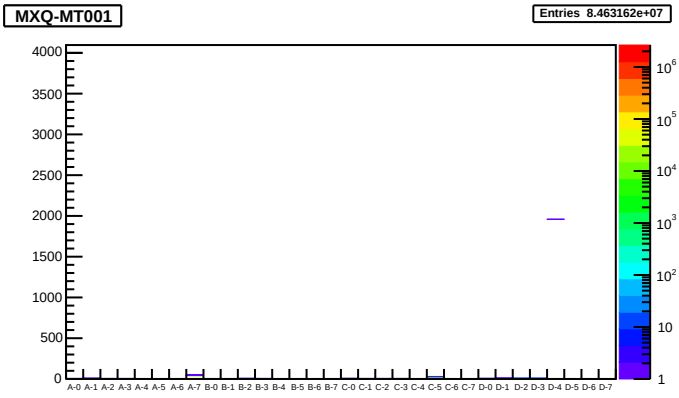

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

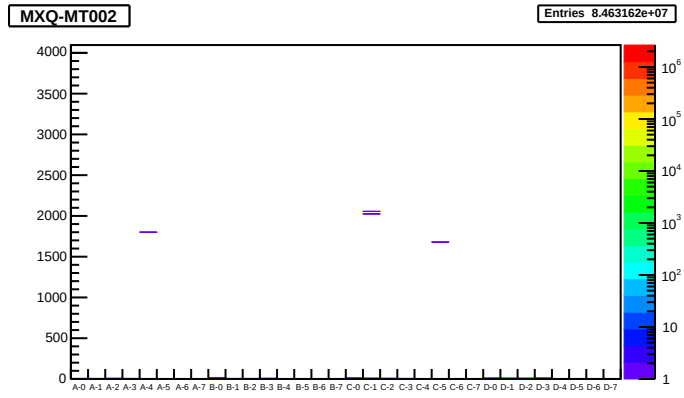

L2-TF201 Input chn 0 -- Number of Muons
Entries2644738
Number of Muons


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


L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 7934214
2.64474e+06
2.64474e+06
2.64474e+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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1000
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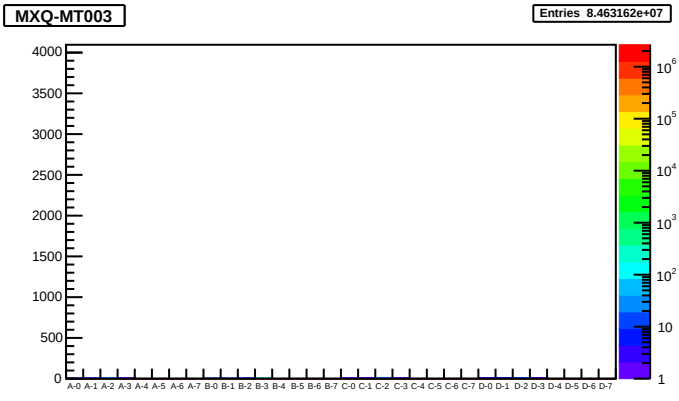
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


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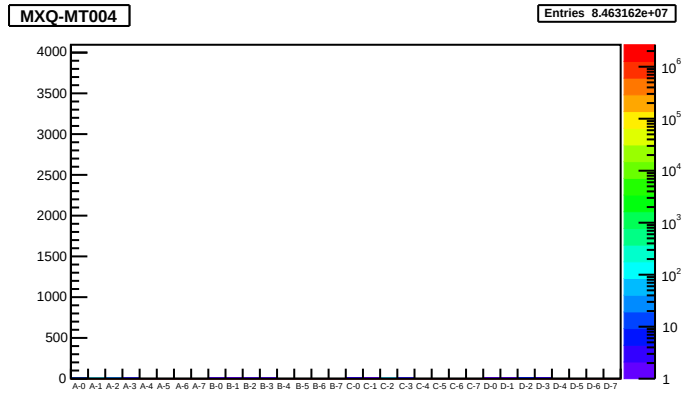
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


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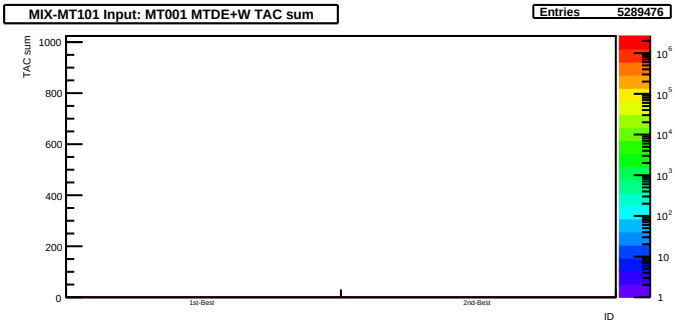
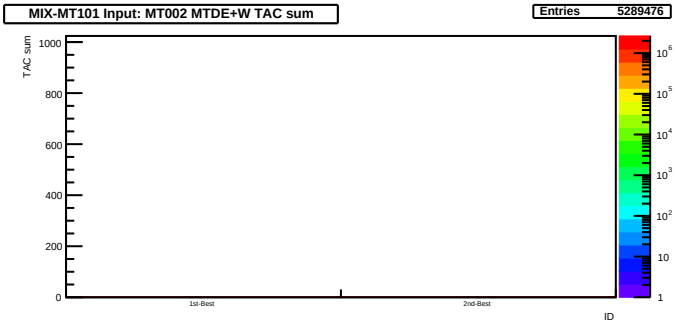
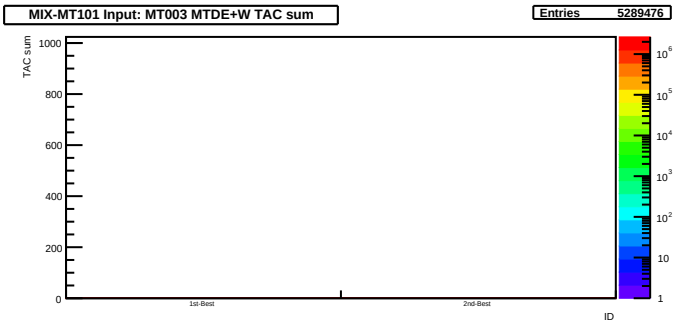
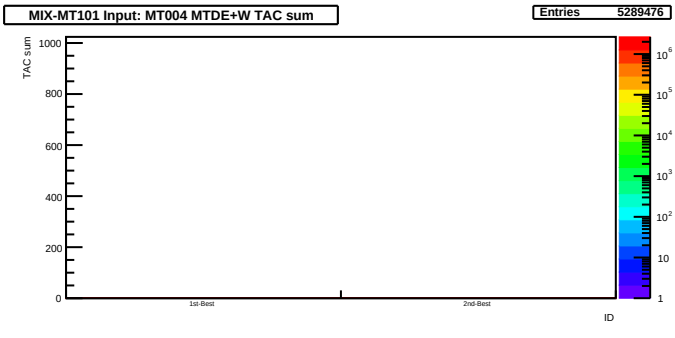
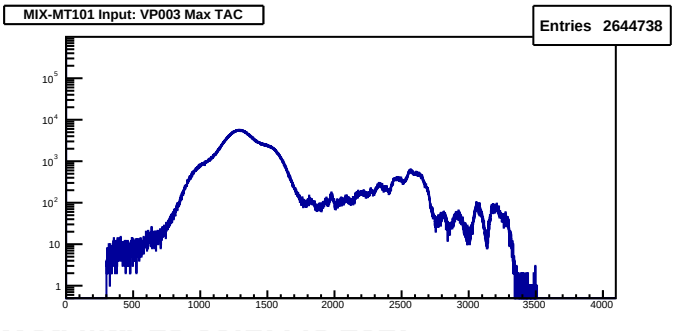
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

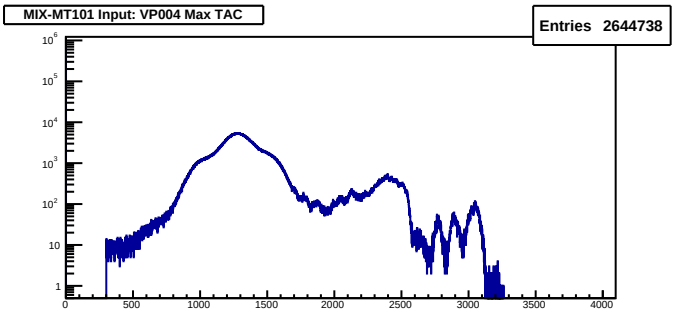

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 5289476
TAC sum
1st-Best
2nd-Best
ID

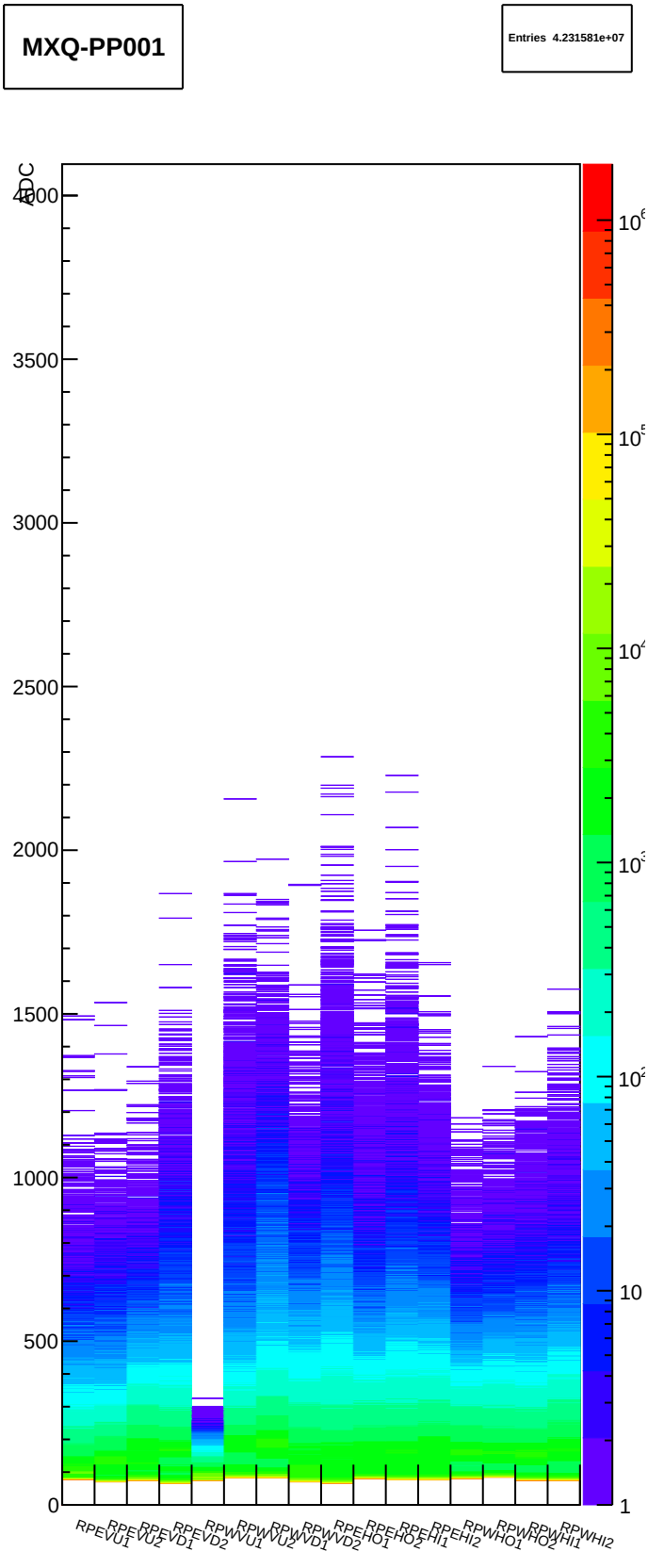

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 5289476
TAC sum
1st-Best
2nd-Best
ID


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
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3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
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RPEHO2
RPEHI1
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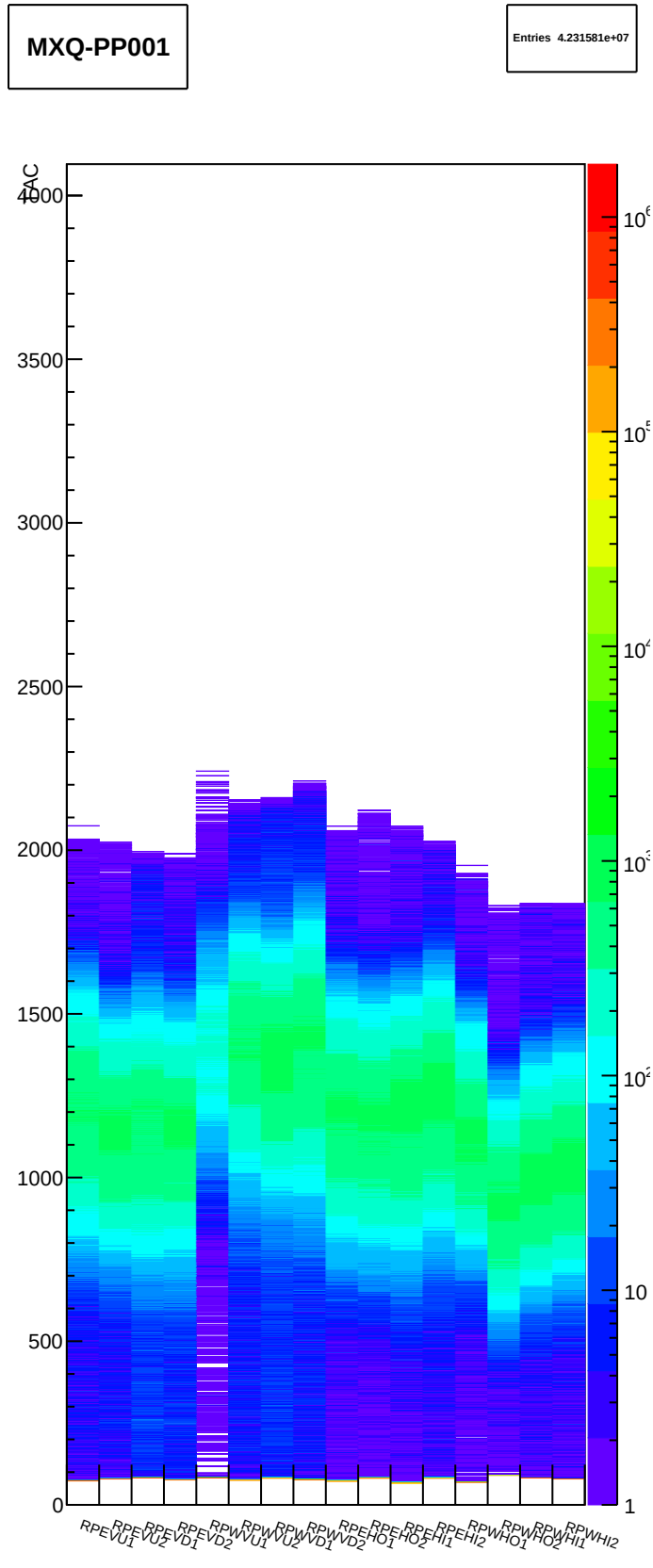
RPWHO2
RPWHI1
RPWHI2
1
10


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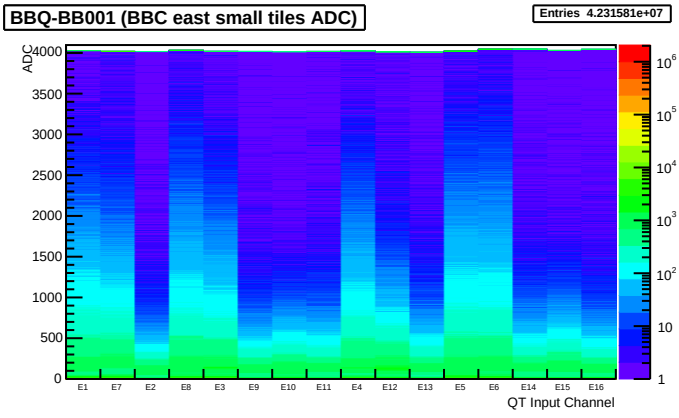
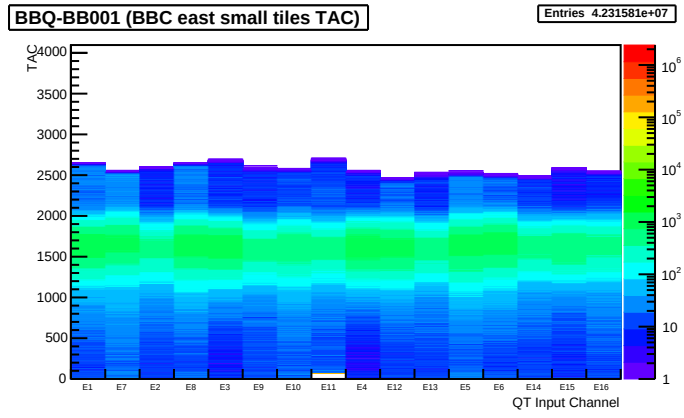
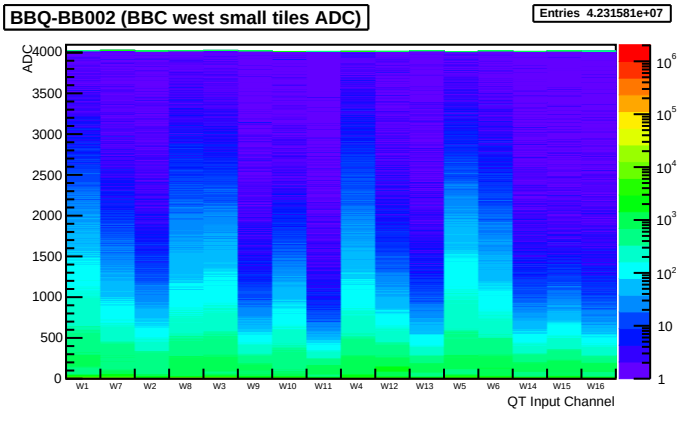
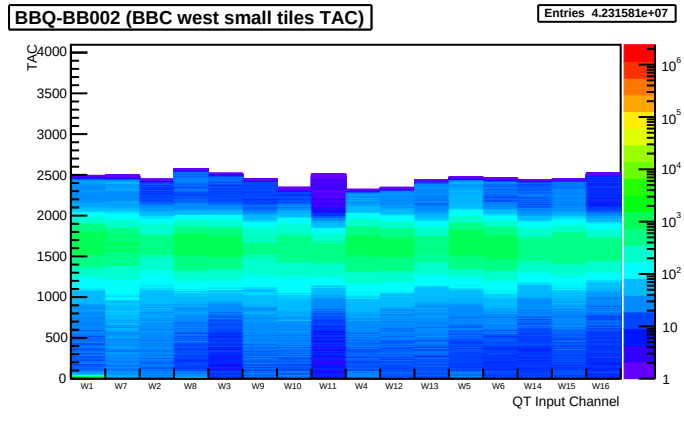
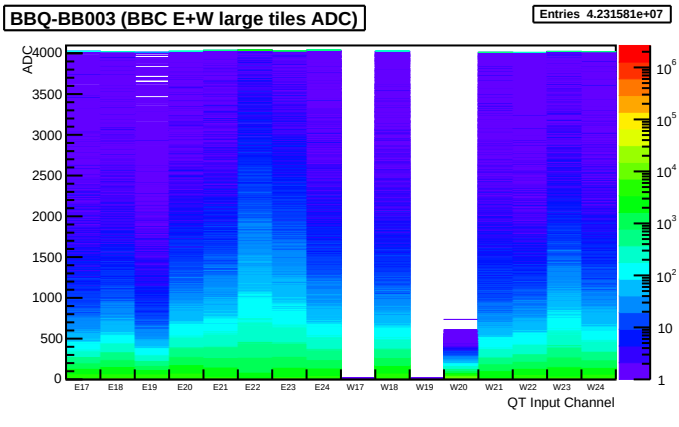
RPWHO2
RPWHI1
RPWHI2
1
10

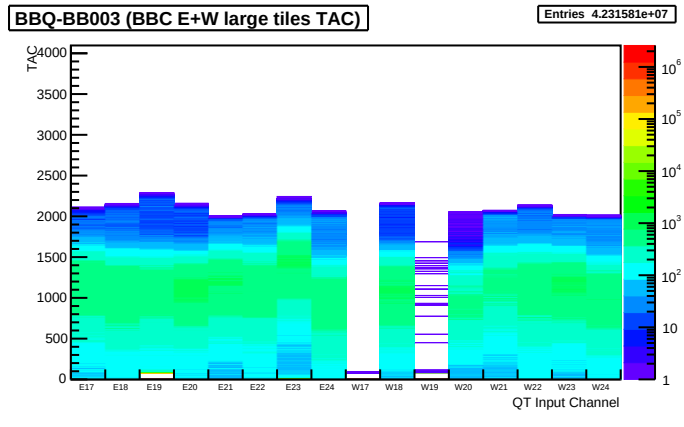

BBQ-BB001 (BBC east small tiles ADC)
Entries 4.231581e+07
ADC
QT Input Channel

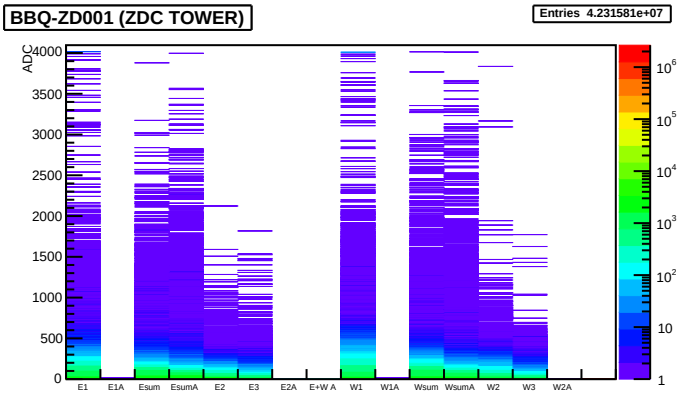

BBQ-BB001 (BBC east small tiles TAC)
Entries 4.231581e+07
TAC
QT Input Channel

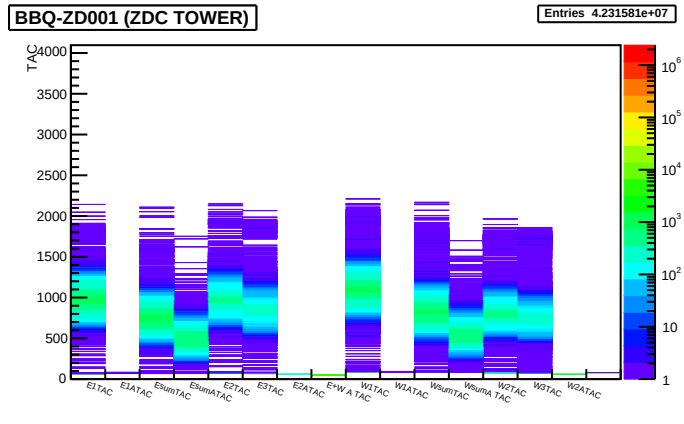

BBQ-BB002 (BBC west small tiles ADC)
Entries 4.231581e+07
ADC
QT Input Channel

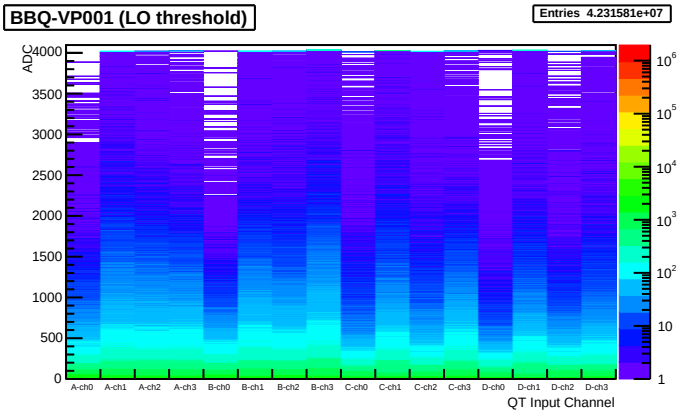

BBQ-BB002 (BBC west small tiles TAC)
Entries 4.231581e+07
TAC
QT Input Channel

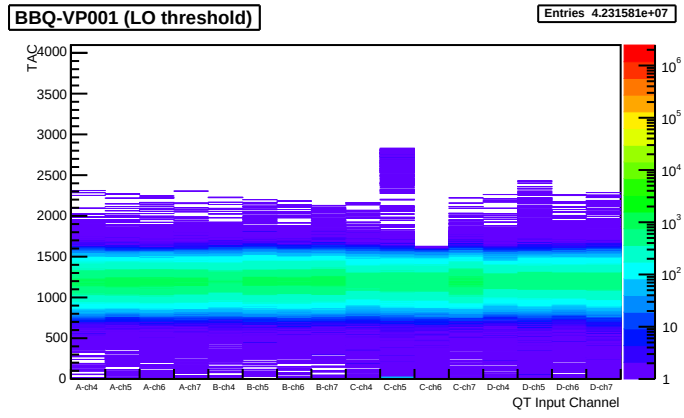

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 4.231581e+07
ADC
QT Input Channel

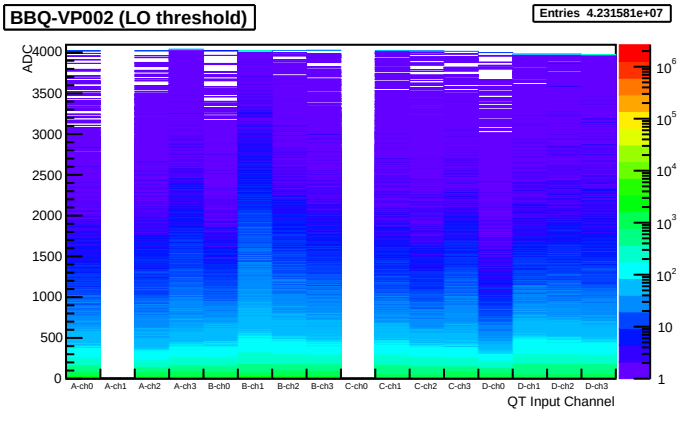

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 4.231581e+07
TAC
QT Input Channel

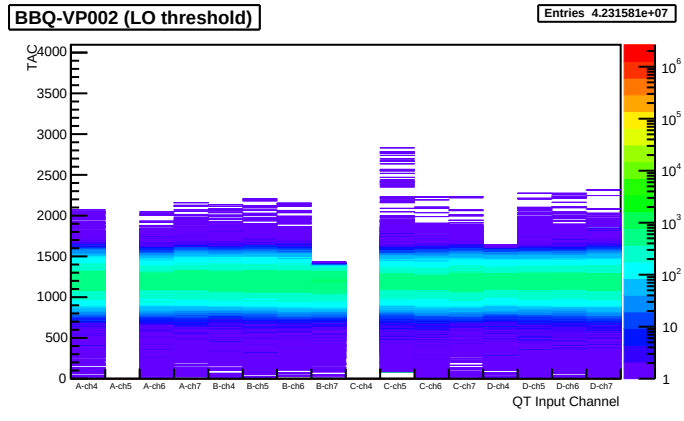

BBQ-ZD001 (ZDC TOWER)
Entries 4.231581e+07
ADC

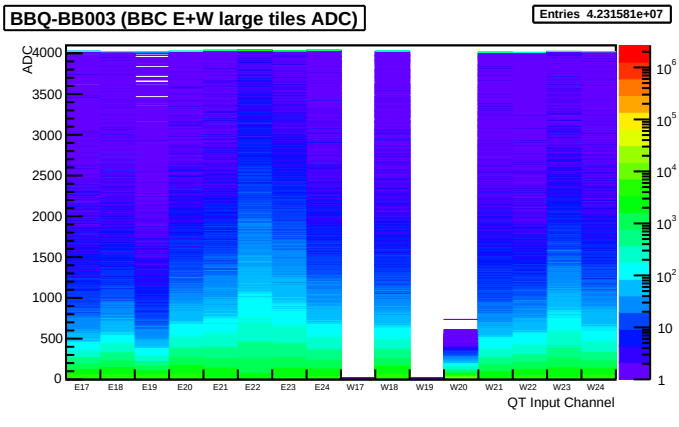

BBQ-ZD001 (ZDC TOWER)
Entries 4.231581e+07
TAC

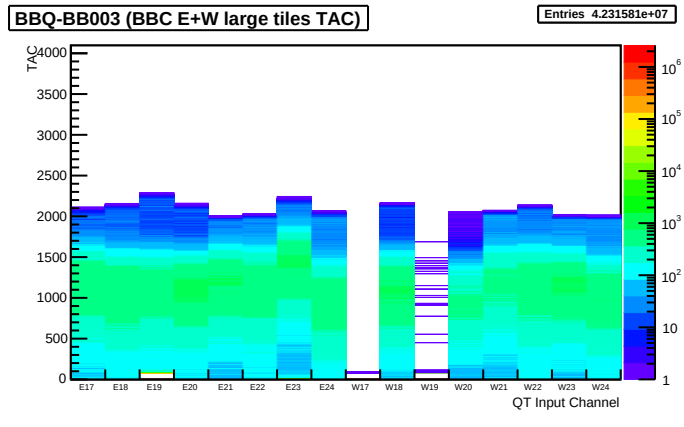

BBQ-VP001 (LO threshold)
Entries 4.231581e+07
ADC
QT Input Channel

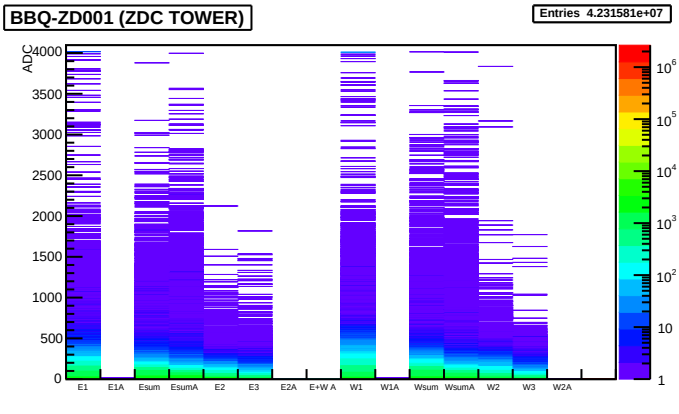

BBQ-VP001 (LO threshold)
Entries 4.231581e+07
TAC
QT Input Channel

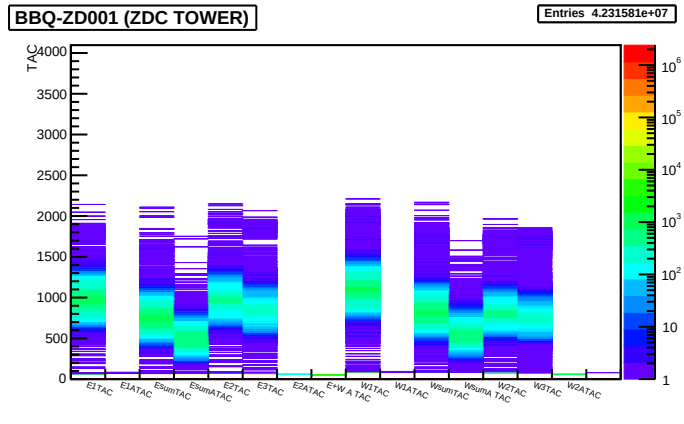

BBQ-VP002 (LO threshold)
Entries 4.231581e+07
ADC
QT Input Channel

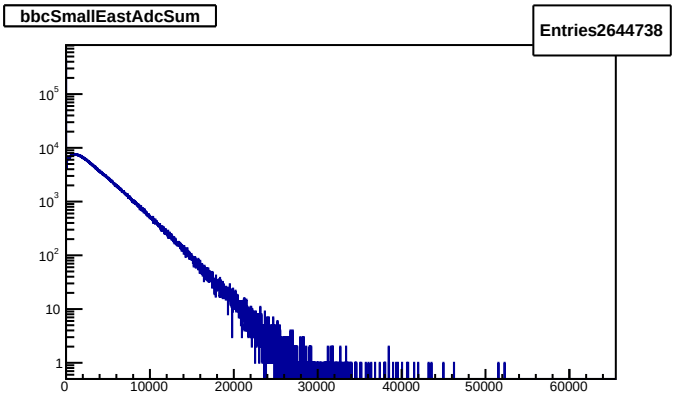

BBQ-VP002 (LO threshold)
Entries 4.231581e+07
TAC
QT Input Channel

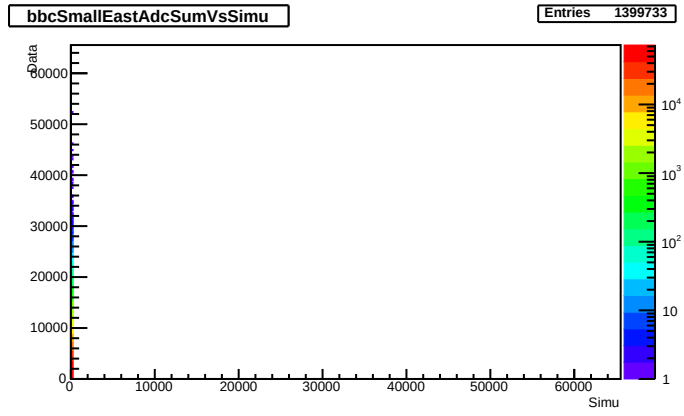

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 4.231581e+07
ADC
QT Input Channel

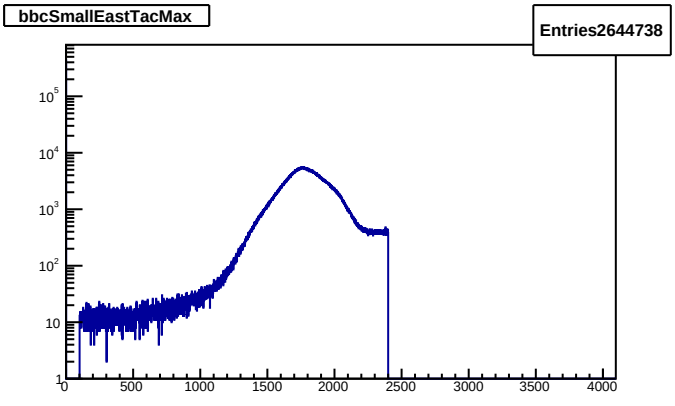

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 4.231581e+07
TAC
QT Input Channel

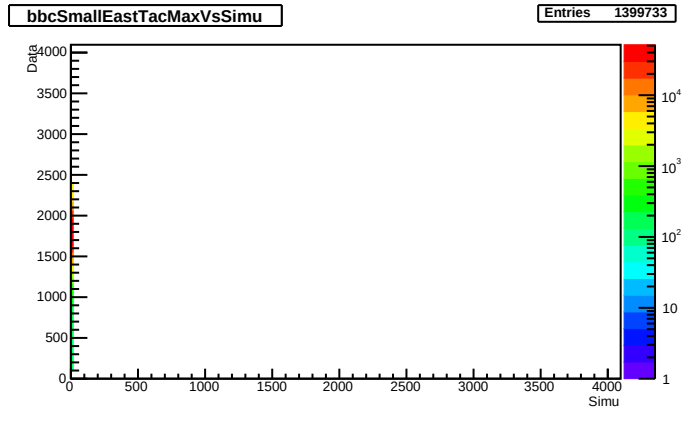

BBQ-ZD001 (ZDC TOWER)
Entries 4.231581e+07
ADC


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


bbcSmallEastAdcSum
Entries2644738


bbcSmallEastAdcSumVsSimu
Entries 1399733
Data
Simu


bbcSmallEastTacMax
Entries2644738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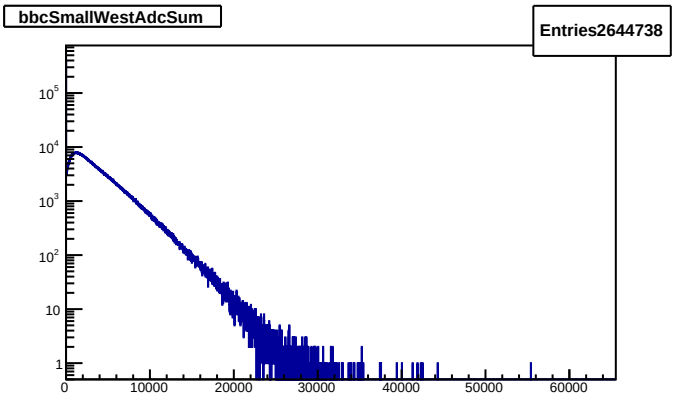
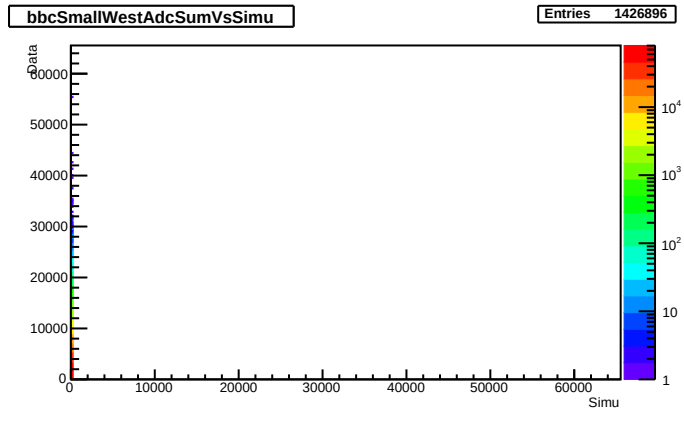
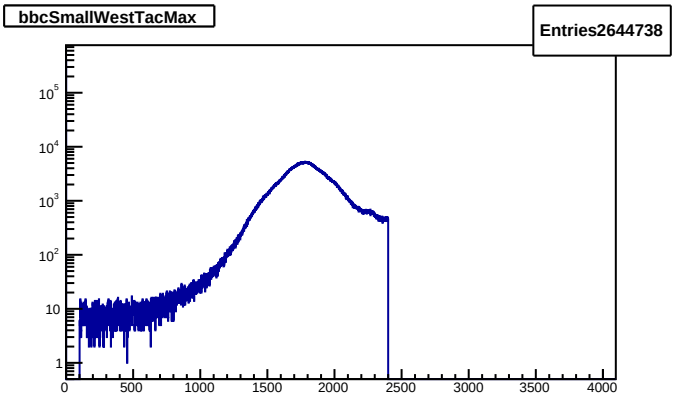
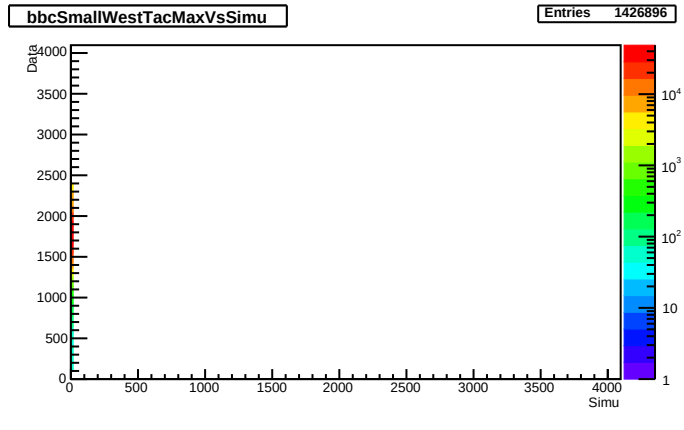
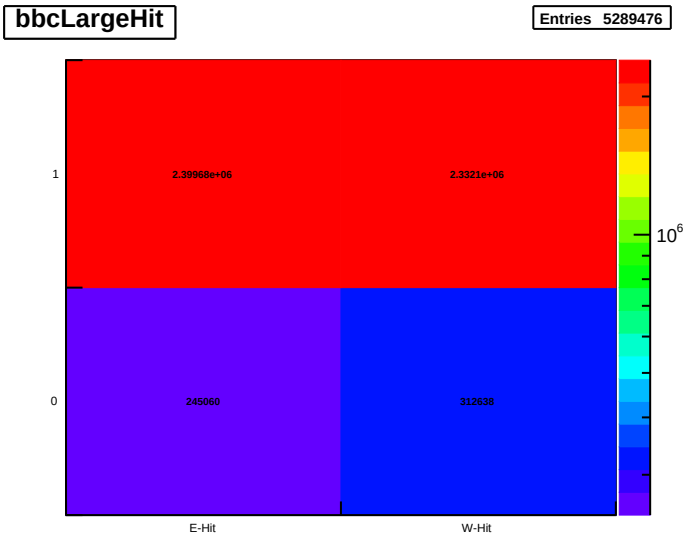
Entries 1399733
Data
Simu

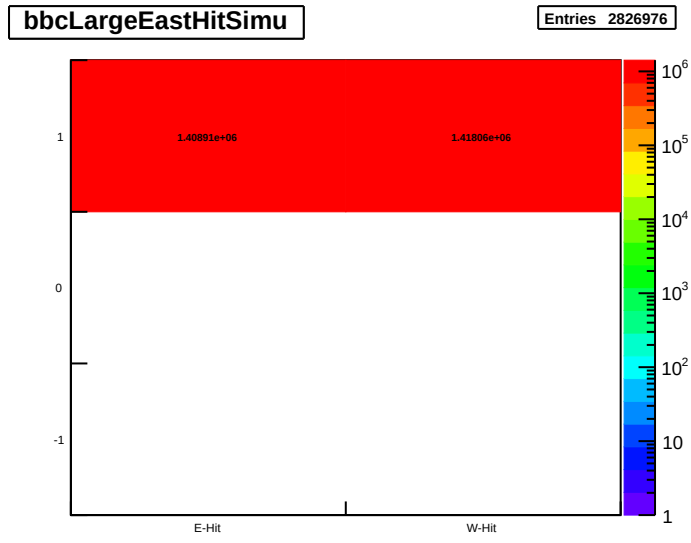

bbcSmallWestAdcSum
Entries2644738

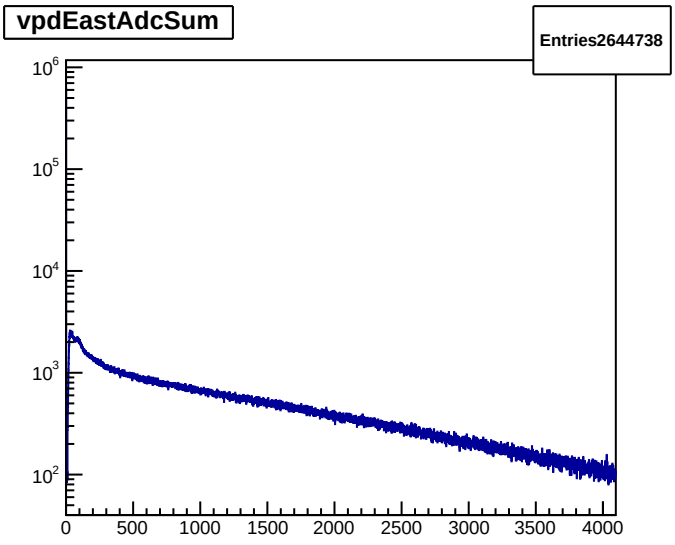

bbcSmallWestAdcSumVsSimu
Entries 1426896
Data
Simu

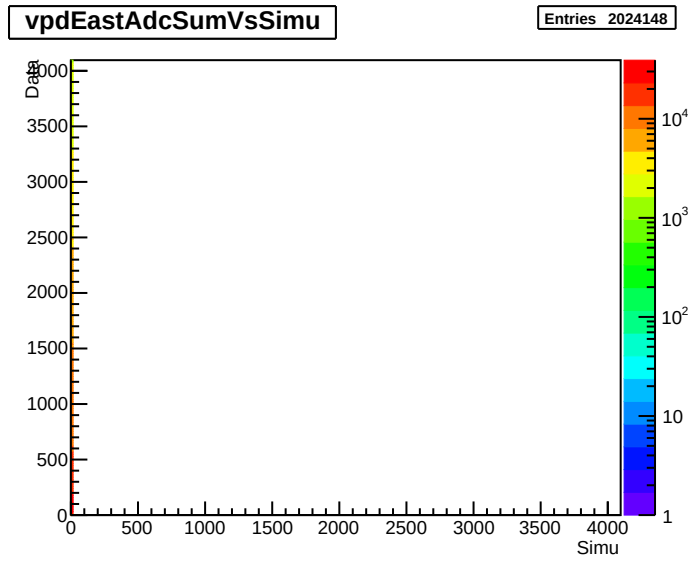

bbcSmallWestTacMax
Entries2644738

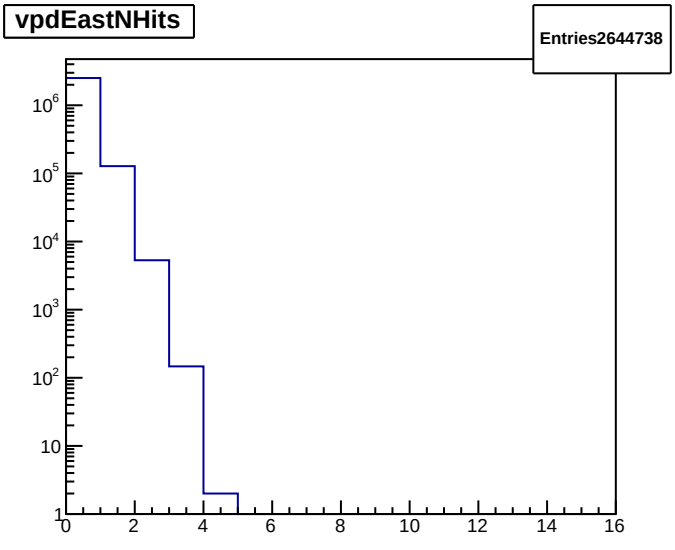

bbcSmallWestTacMaxVsSimu
Entries 1426896
Data
Simu

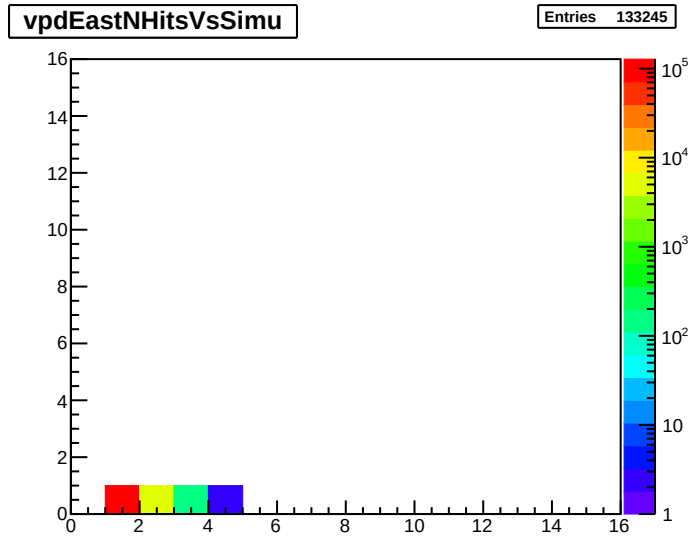

bbcLargeHit
Entries 5289476
1
0
2.39968e+06
2.3321e+06
245060
312638
E-Hit
W-Hit
10^6

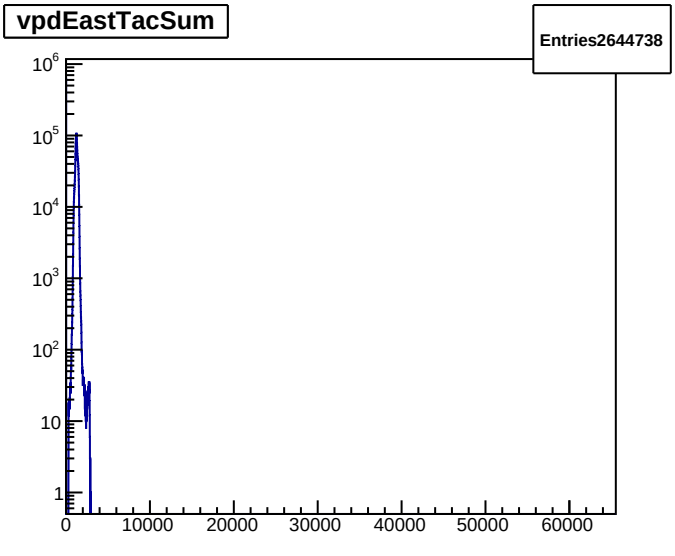

bbcLargeEastHitSimu
Entries 2826976
1
0
-1
1.40891e+06
1.41806e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

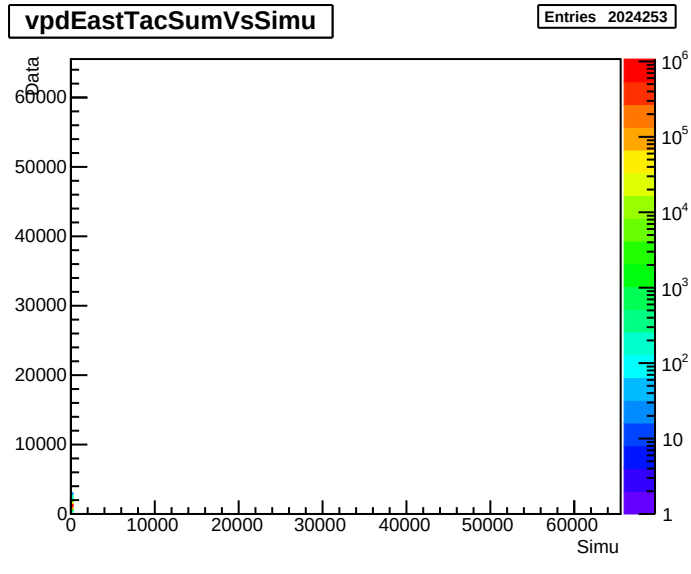

vpdEastAdcSum
Entries2644738

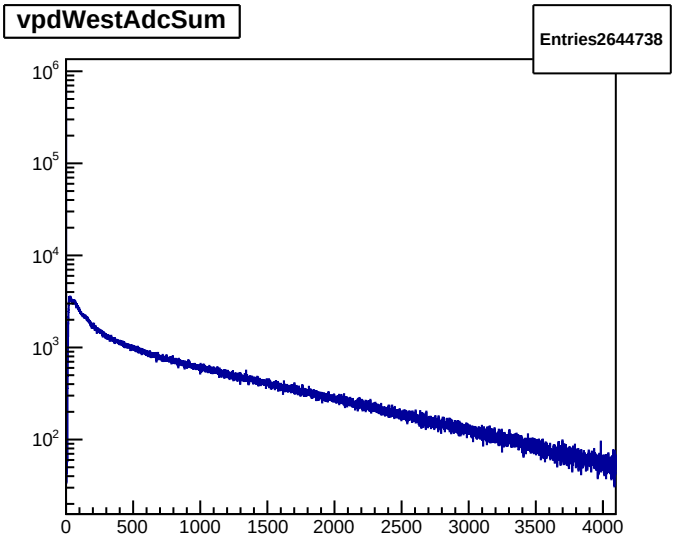

vpdEastAdcSumVsSimu
Entries 2024148
Data
Simu

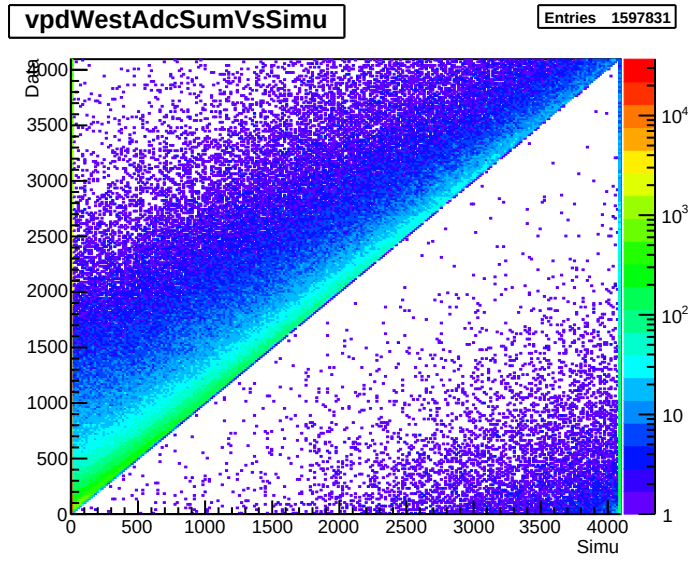

vpdEastNHits
Entries2644738

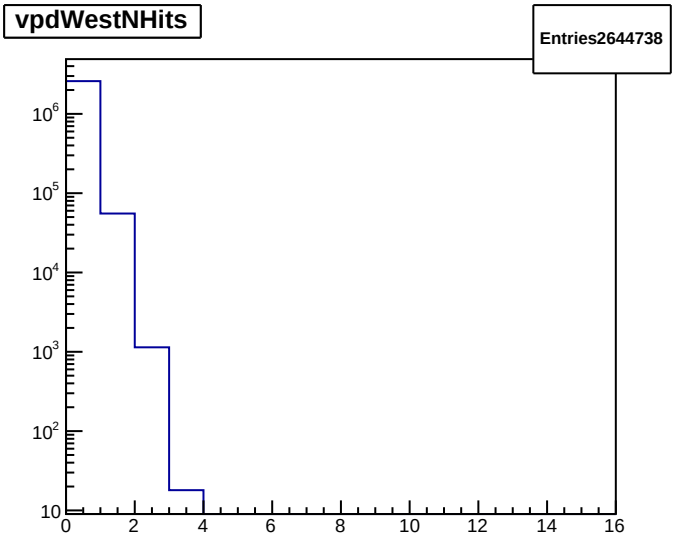

vpdEastNHitsVsSimu
Entries 133245

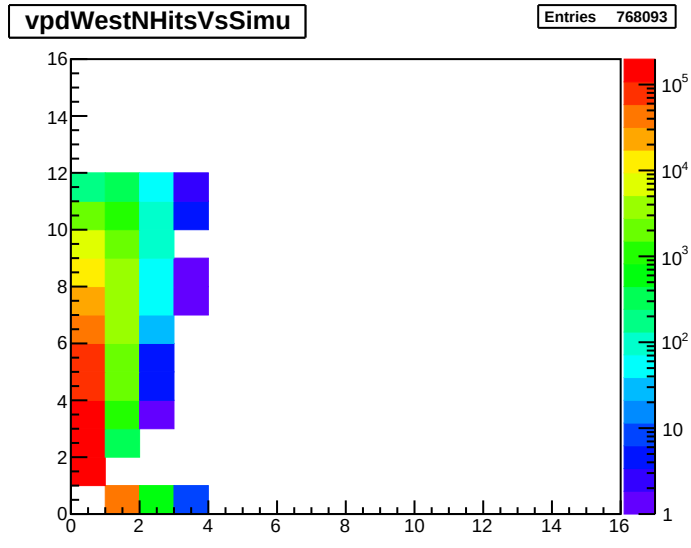

vpdEastTacSum
Entries2644738

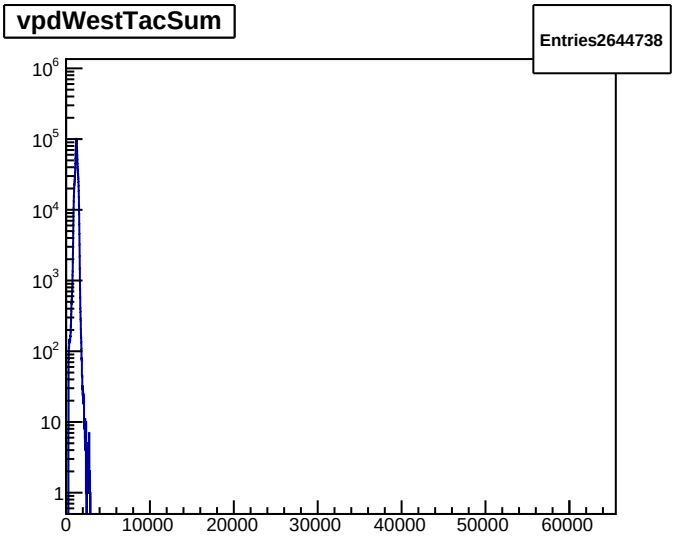

vpdEastTacSumVsSimu
Entries 2024253
Data
Simu

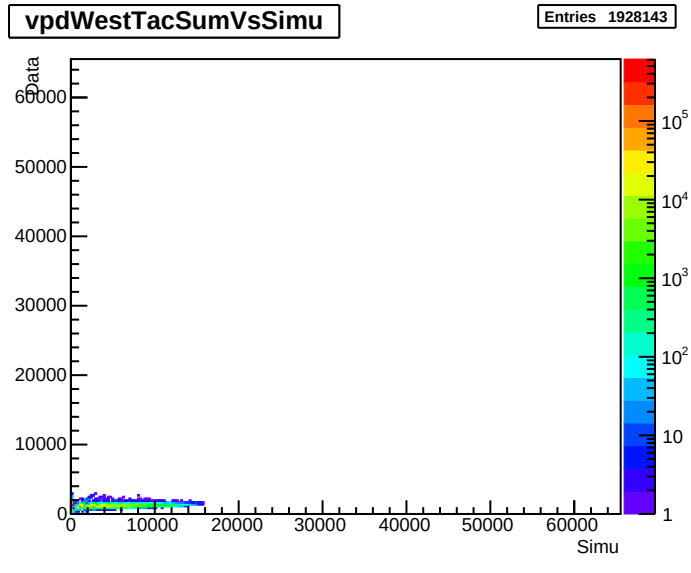

vpdWestAdcSum
Entries2644738

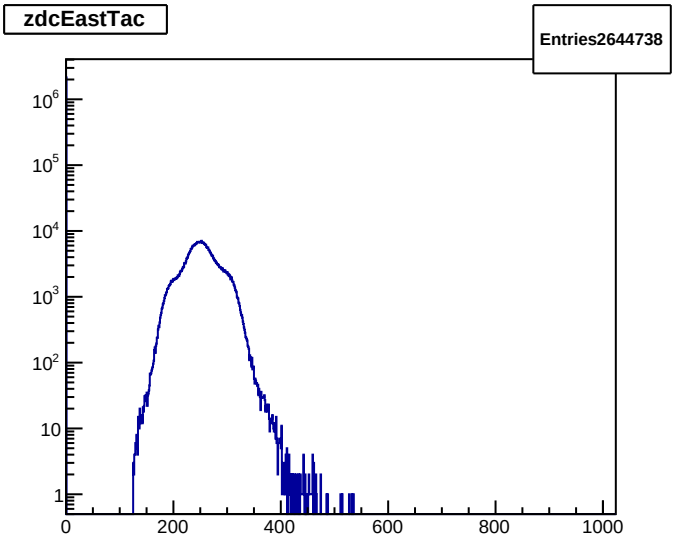

vpdWestAdcSumVsSimu
Entries 1597831
Data
Simu

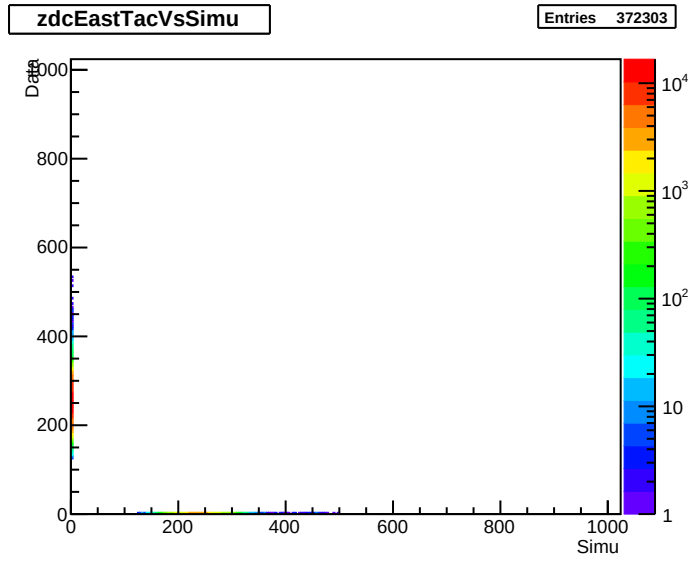

vpdWestNHits
Entries2644738

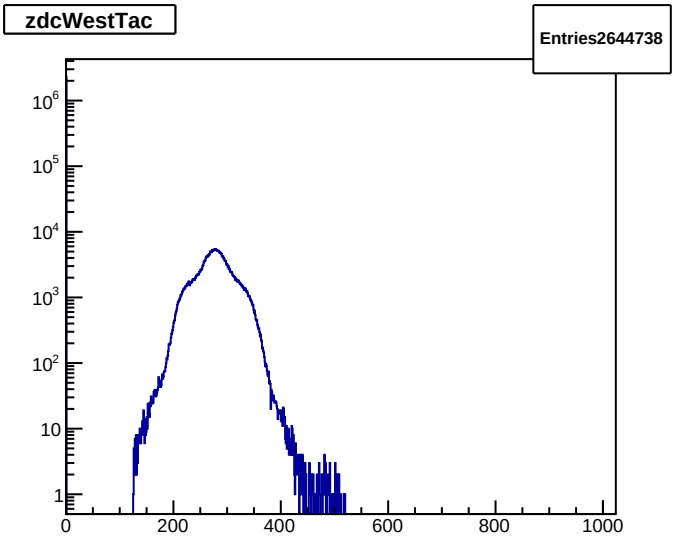

vpdWestNHitsVsSimu
Entries 768093

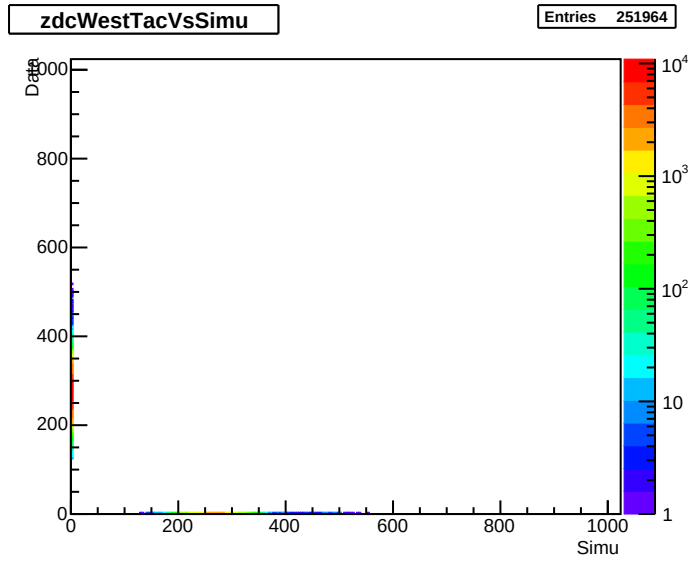

vpdWestTacSum
Entries2644738

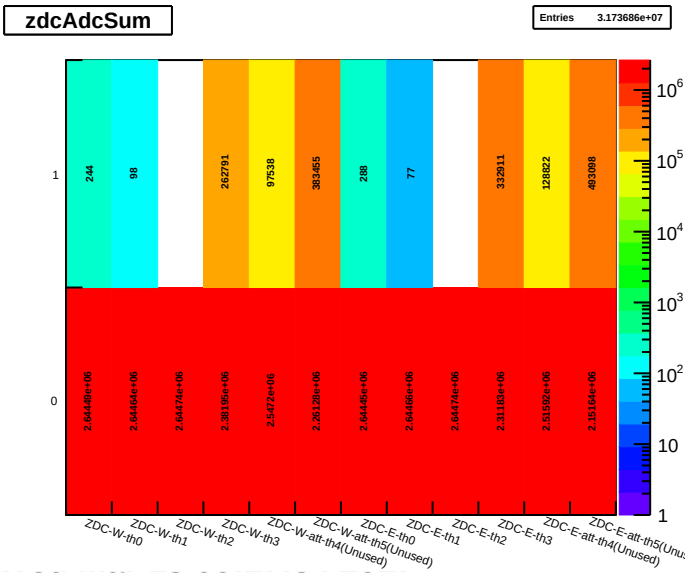

vpdWestTacSumVsSimu
Entries 1928143
Data
Simu

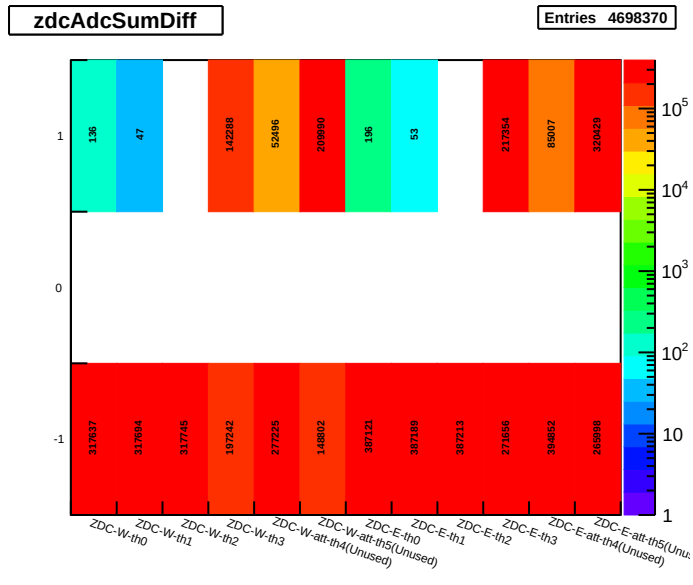

zdcEastTac
Entries2644738

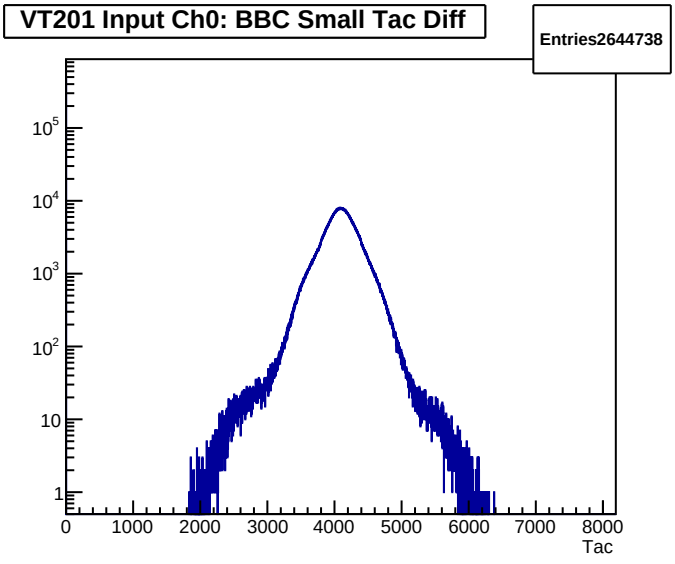

zdcEastTacVsSimu
Entries 372303
Data
Simu

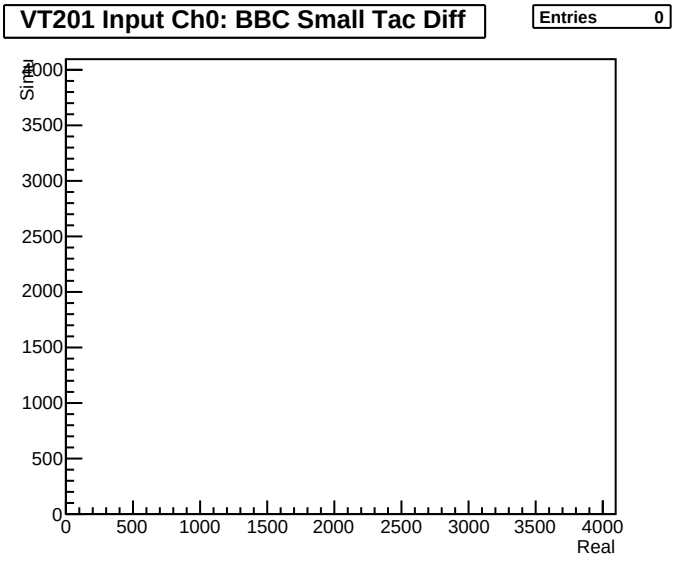

zdcWestTac
Entries2644738

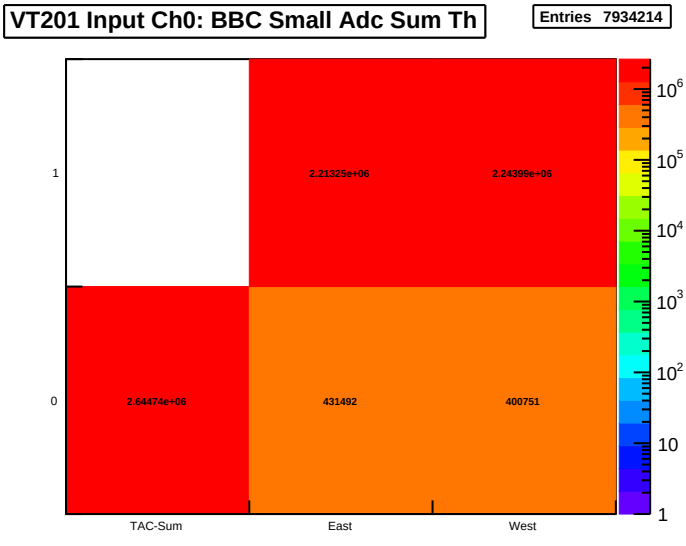

zdcWestTacVsSimu
Entries 251964
Data
Simu

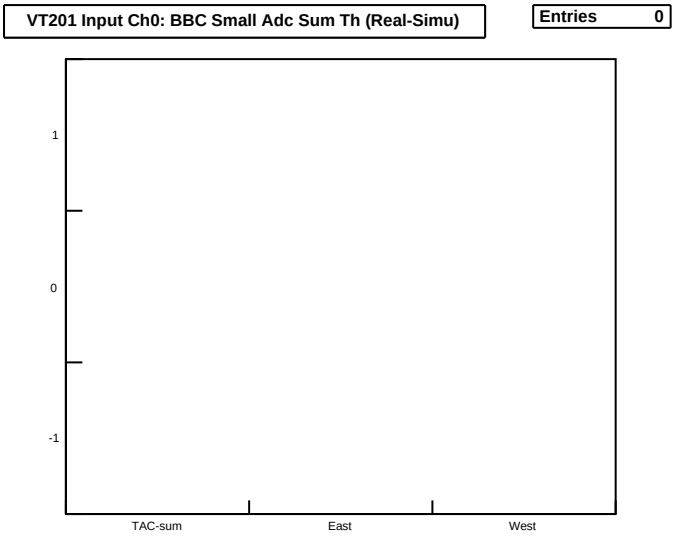

zdcAdcSum
Entries 3.173686e+07
244
98
262791
97538
383455
288
77
332911
128822
493098
2.64448e+06
2.64464e+06
2.64474e+06
2.38195e+06
2.5472e+06
2.26128e+06
2.64445e+06
2.64466e+06
2.64474e+06
2.31182e+06
2.51592e+06
2.15164e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

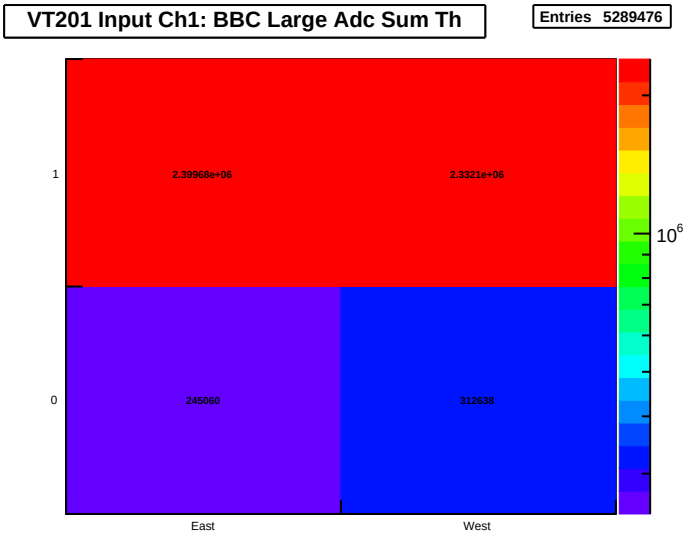

zdcAdcSumDiff
Entries 4698370
136
47
142288
52496
209800
196
53
217354
85007
320429
317637
317694
317745
197242
277225
148802
387121
387189
387213
271656
394852
265998
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

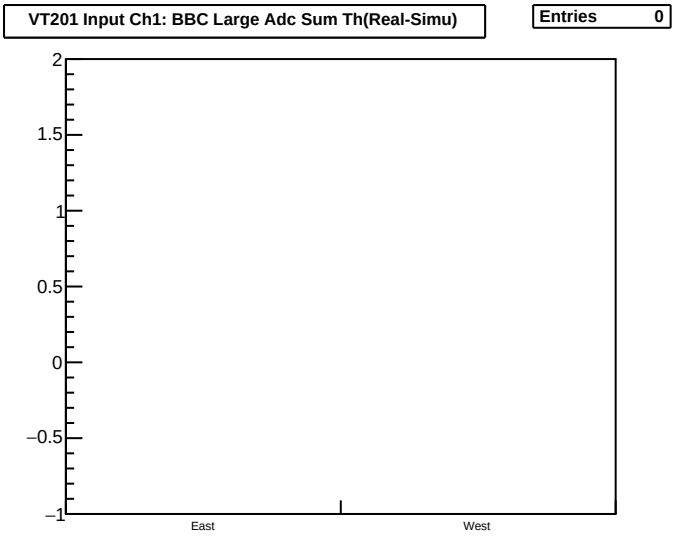

VT201 Input Ch0: BBC Small Tac Diff
Entries2644738
Tac


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

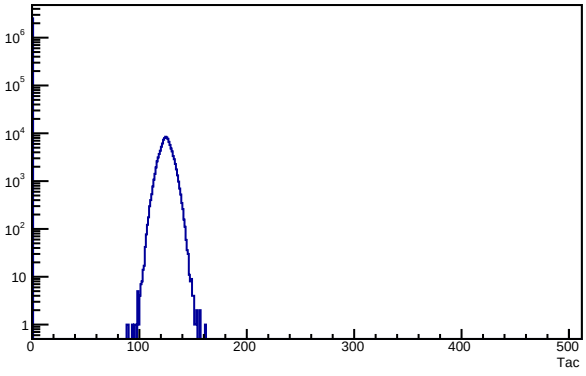

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 7934214
2.21325e+06
2.24399e+06
2.64474e+06
431492
400751
TAC-Sum
East
West


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

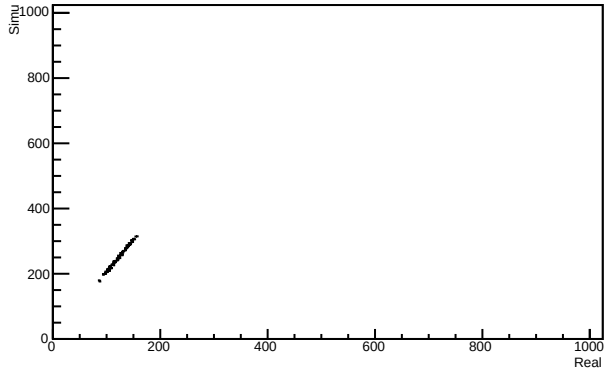

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 5289476
2.39968e+06
2.3321e+06
245060
312638
East
West


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

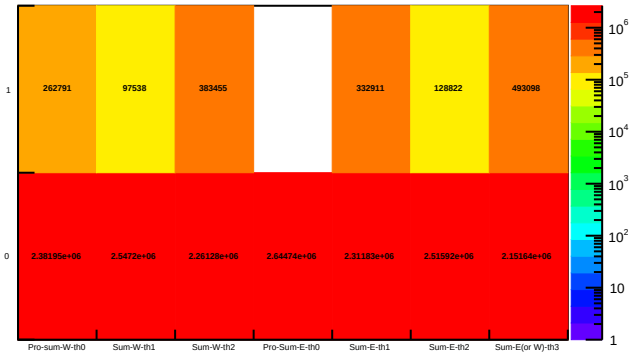
VT201 Input Ch2: ZDC Tac Diff



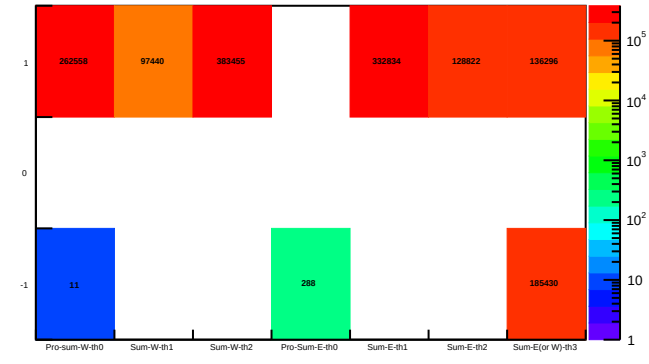
VT201 Input Ch2: ZDC Tac Diff



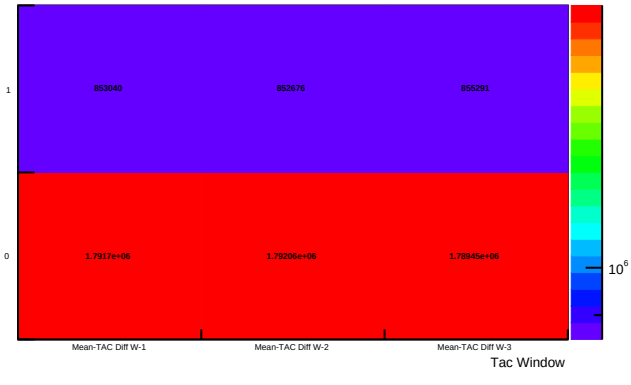
VT201 Input Ch2: ZDC Adc Sum Th



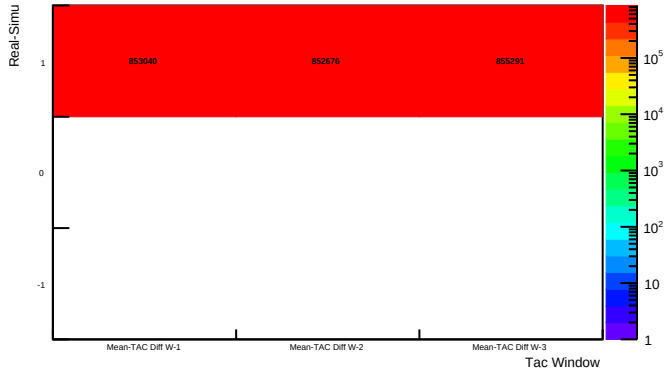
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



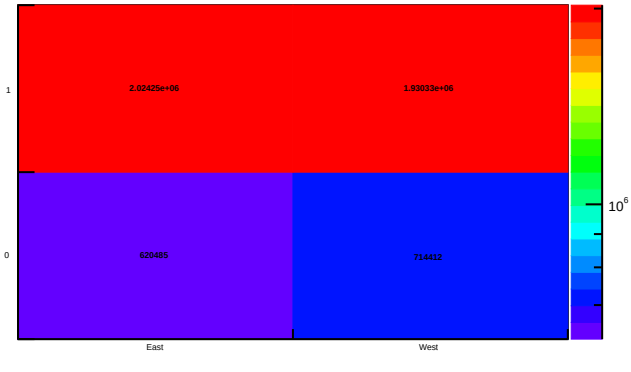
VT201 Input Ch4: VPD Tac Diff



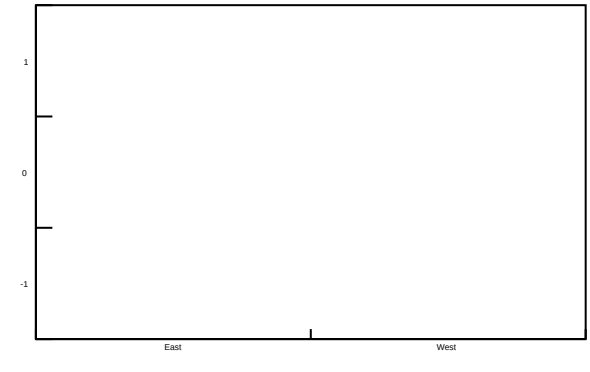
VT201 Input Ch4: VPD Tac Diff

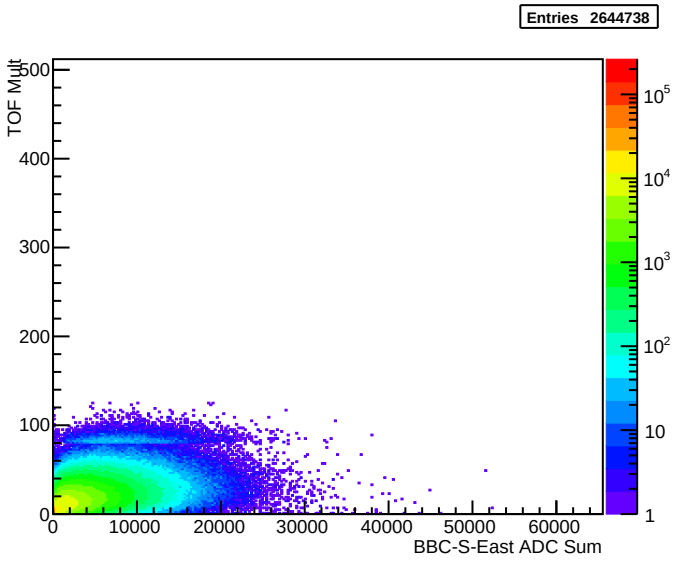


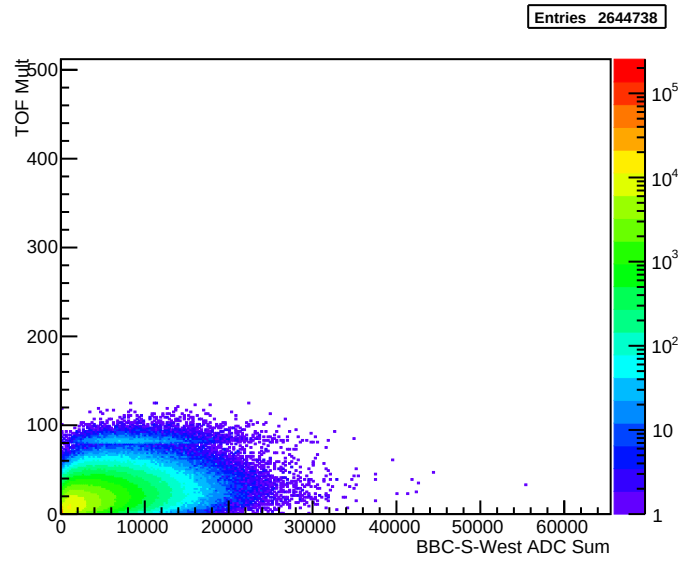
VT201 Input Ch4: VPD Adc Sum Th

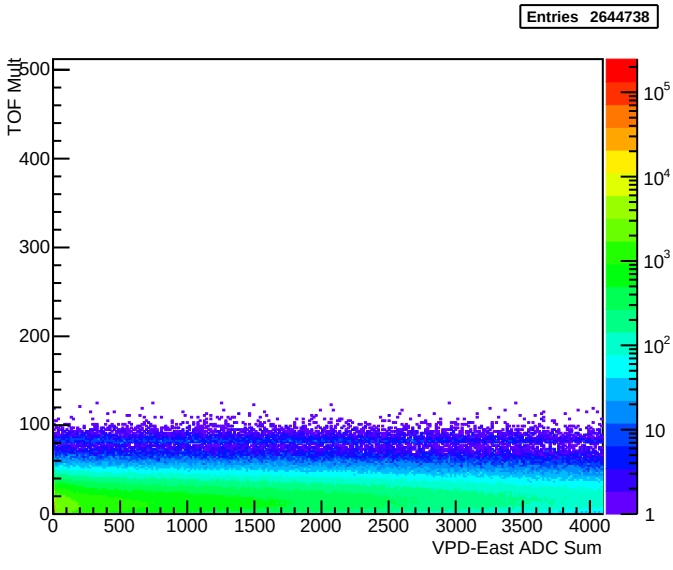


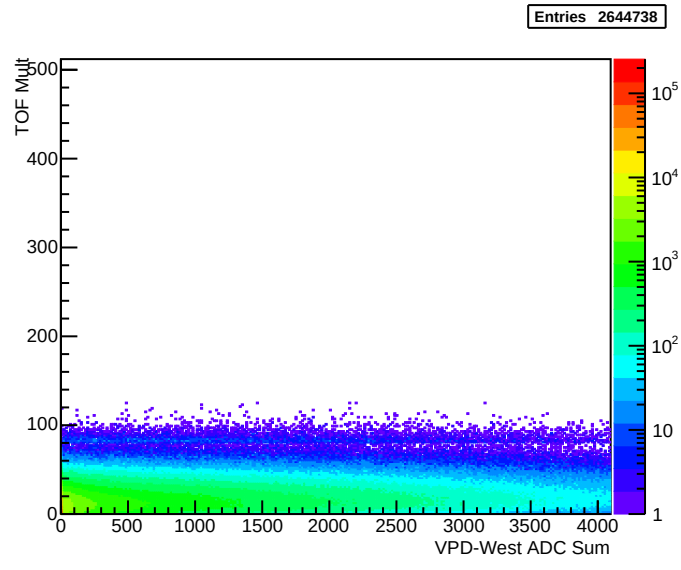
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

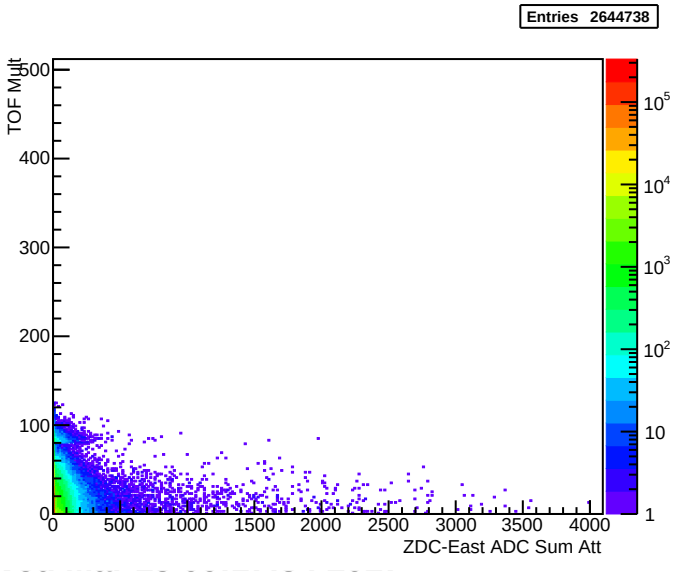


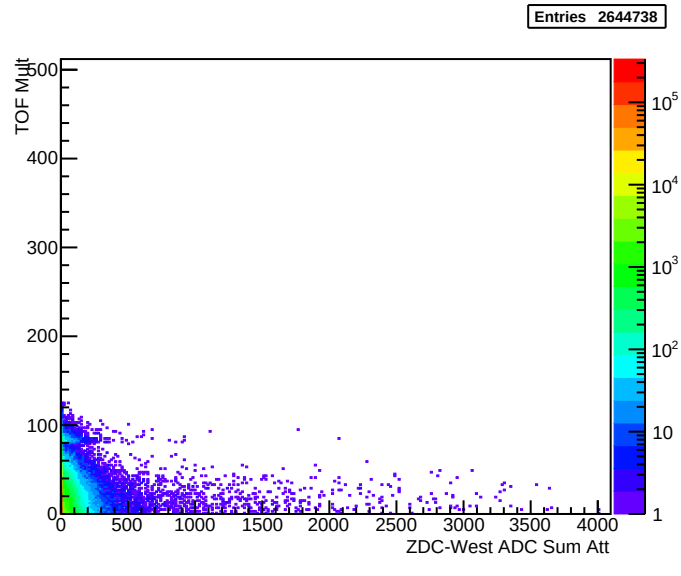

Entries 2644738
TOF Mult
BBC-S-East ADC Sum

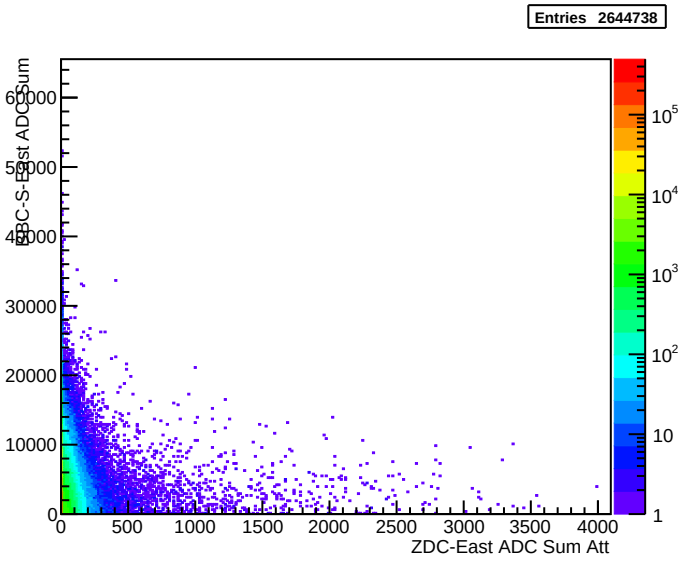

Entries 2644738
TOF Mult
BBC-S-West ADC Sum

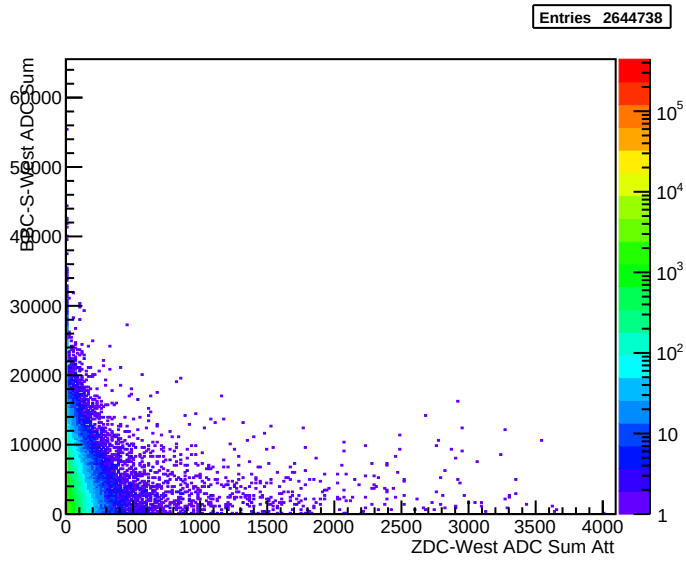

Entries 2644738
TOF Mult
VPD-East ADC Sum

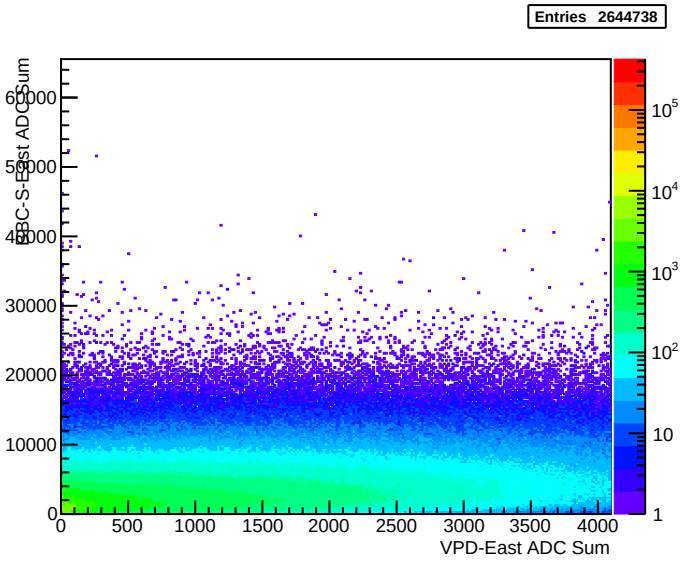

Entries 2644738
TOF Mult
VPD-West ADC Sum

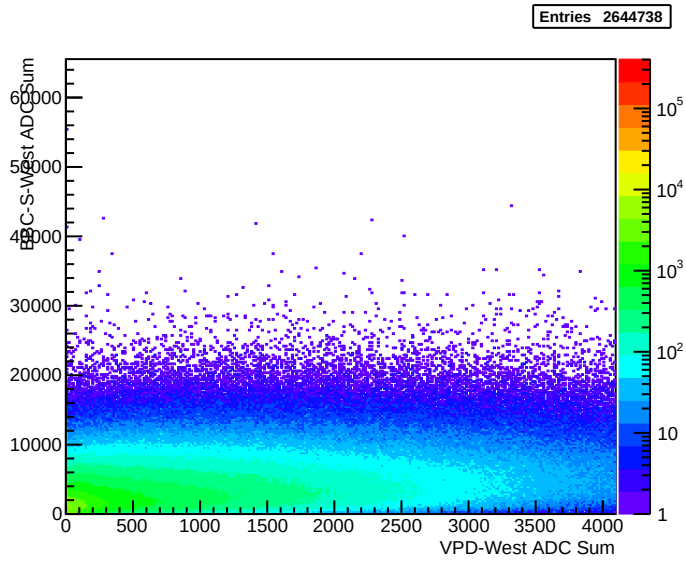

Entries 2644738
TOF Mult
ZDC-East ADC Sum Att

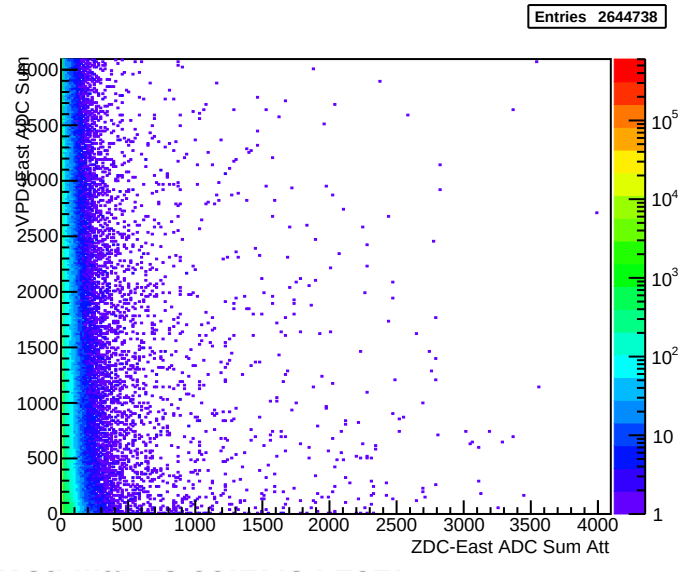

Entries 2644738
TOF Mult
ZDC-West ADC Sum Att

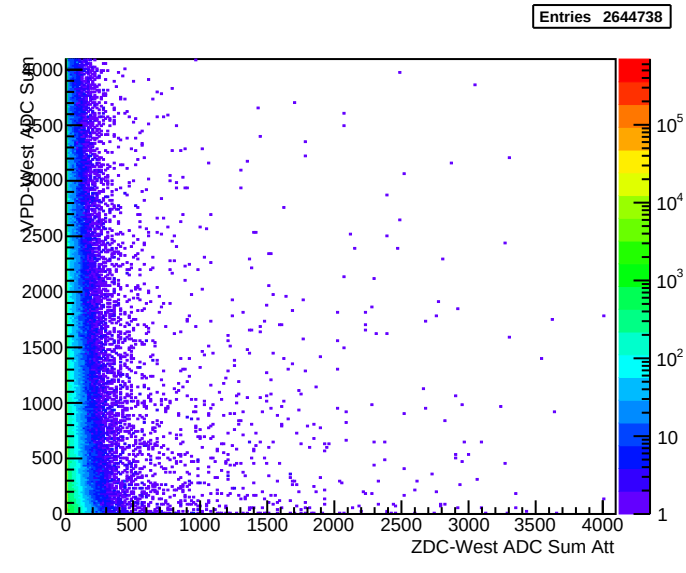

Entries 2644738
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

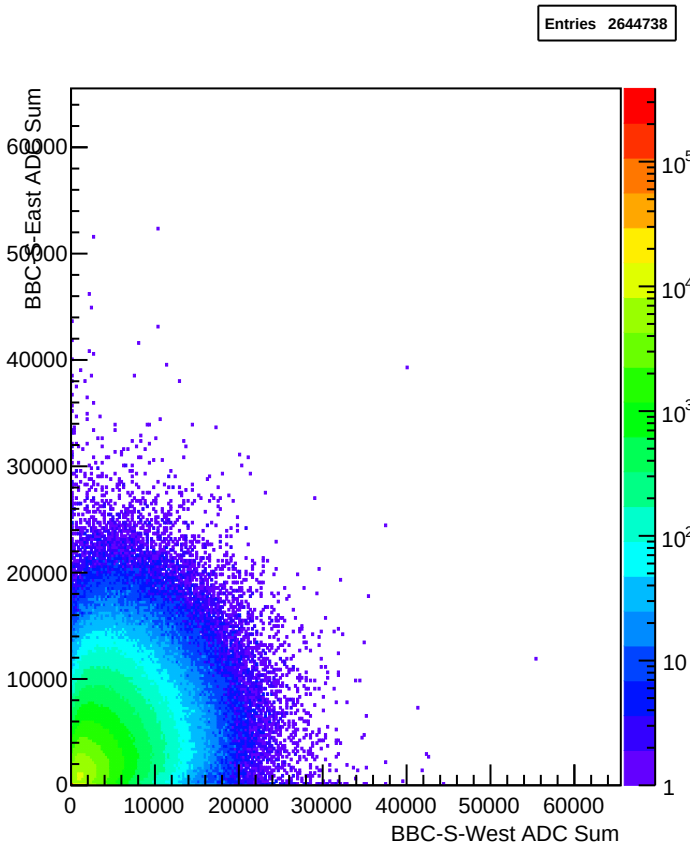

Entries 2644738
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

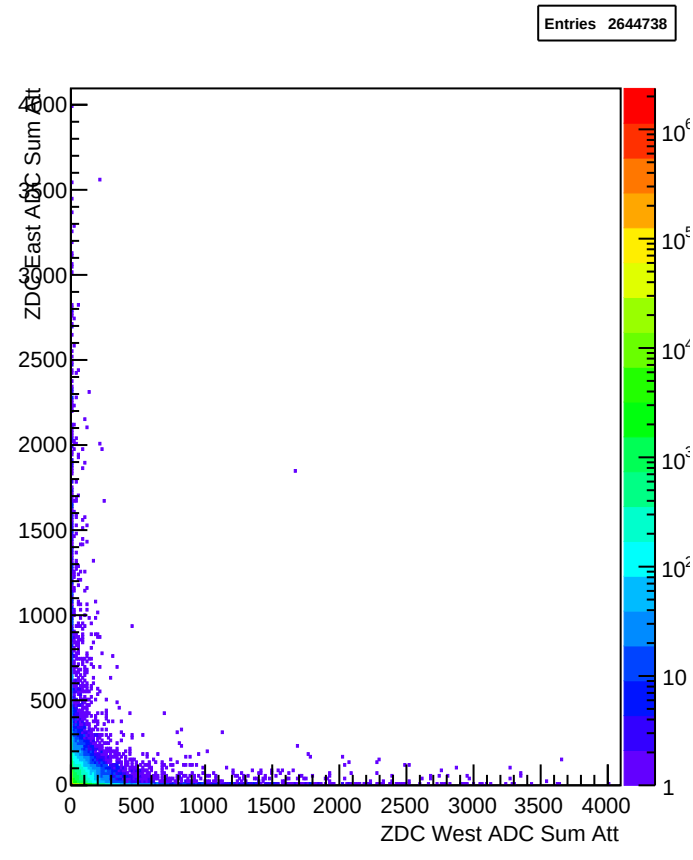

Entries 2644738
BBC-S-East ADC Sum
VPD-East ADC Sum

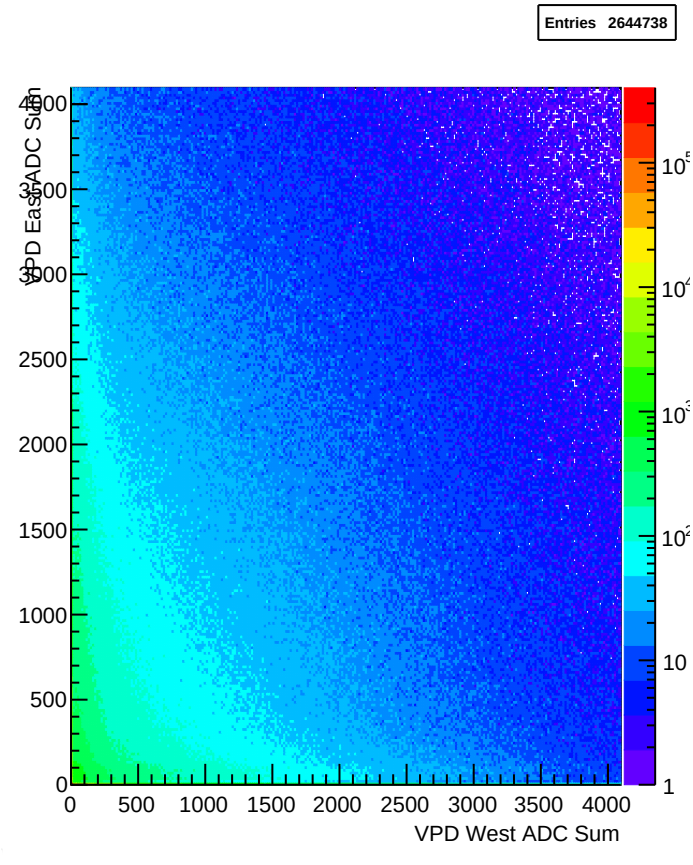

Entries 2644738
BBC-S-West ADC Sum
VPD-West ADC Sum

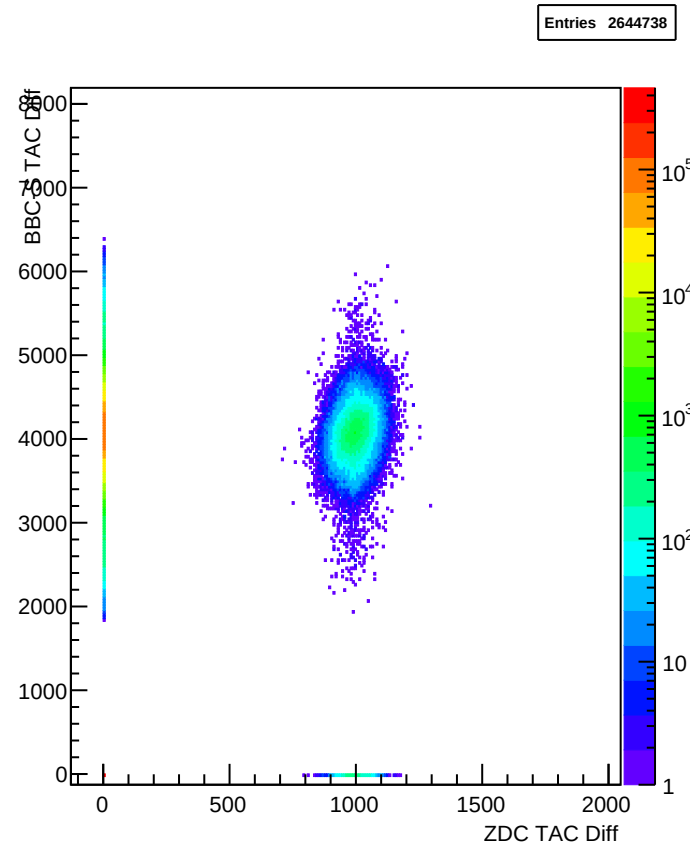

Entries 2644738
VPD-East ADC Sum
ZDC-East ADC Sum Att

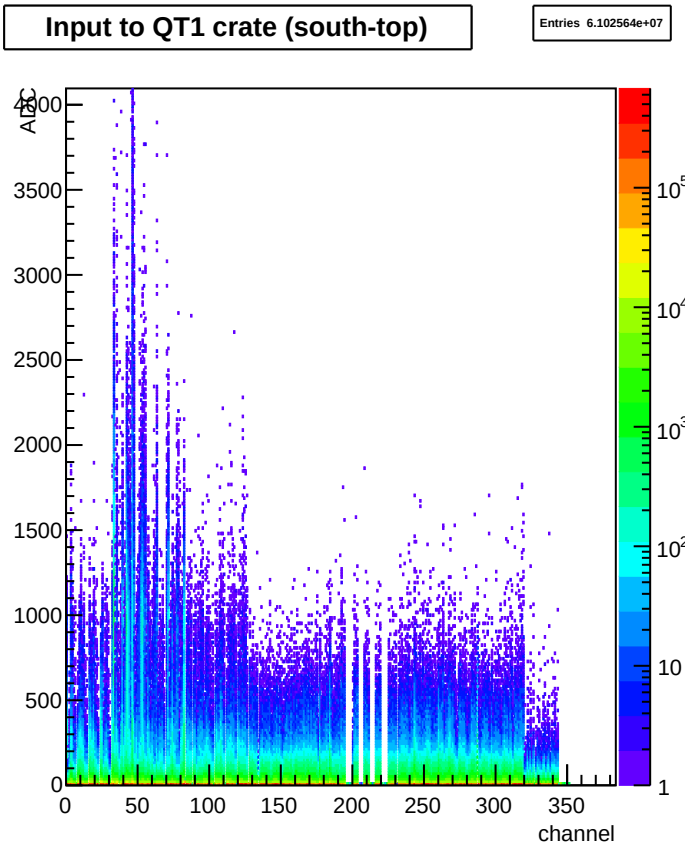

Entries 2644738
VPD-West ADC Sum
ZDC-West ADC Sum Att

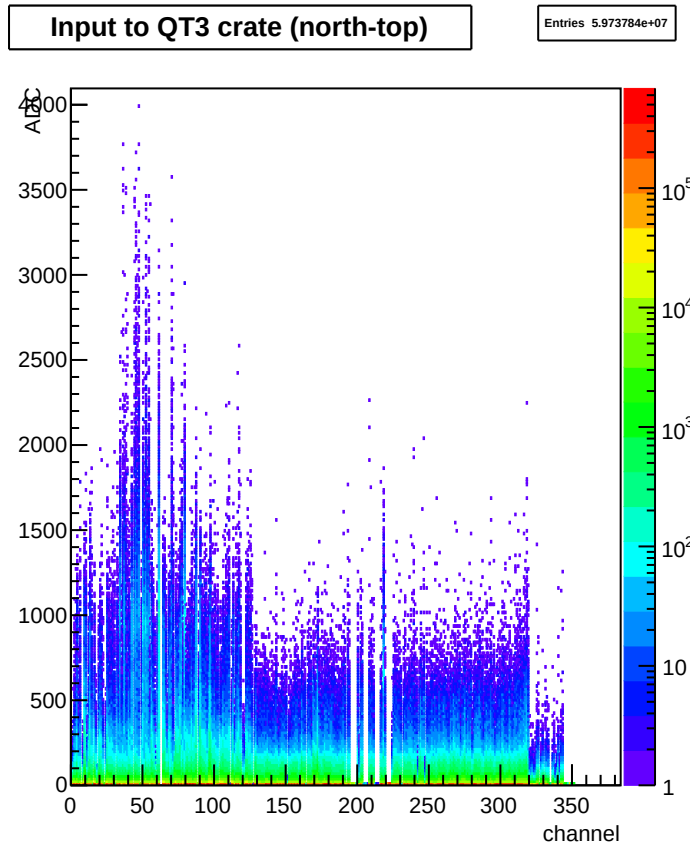

Entries 2644738
BBC-S-East ADC Sum
BBC-S-West ADC Sum

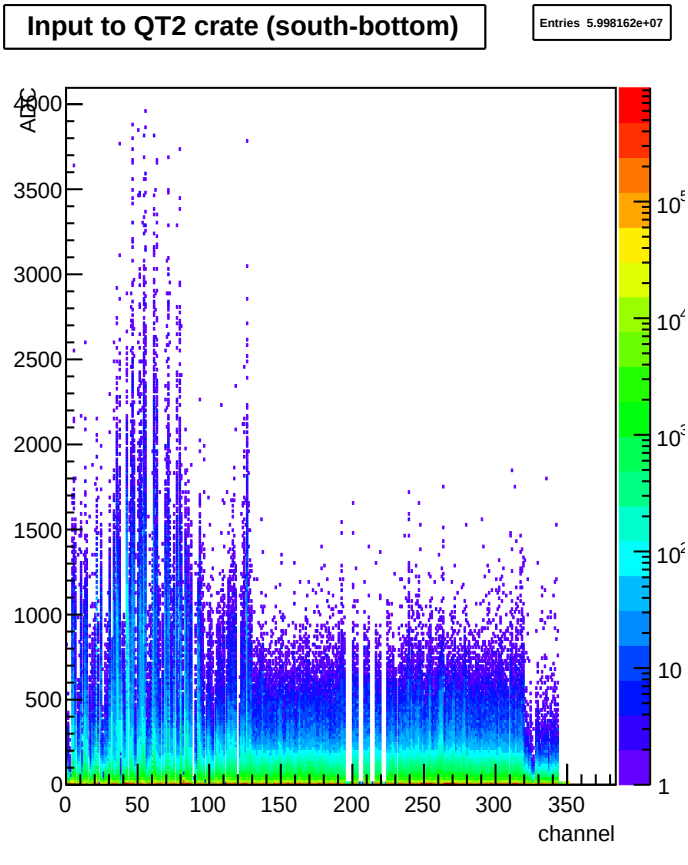

Entries 2644738
ZDC East ADC Sum Att
ZDC West ADC Sum Att

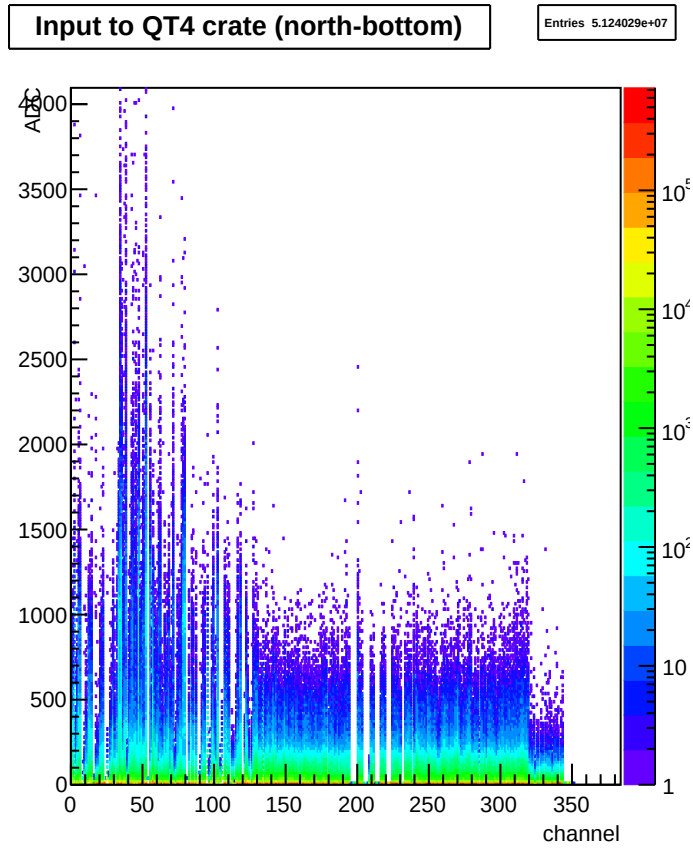

Entries 2644738
VPD East ADC Sum
VPD West ADC Sum

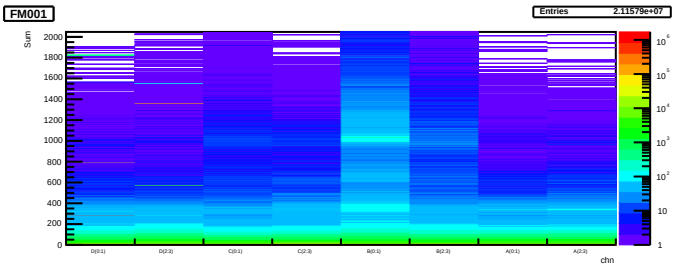

Entries 2644738
BBC-S TAC Diff
ZDC TAC Diff

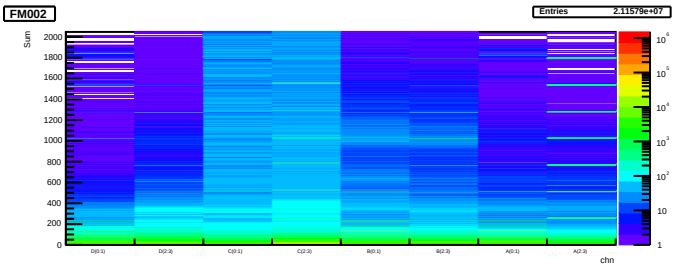

Input to QT1 crate (south-top)
Entries 6.102564e+07
ADC
channel

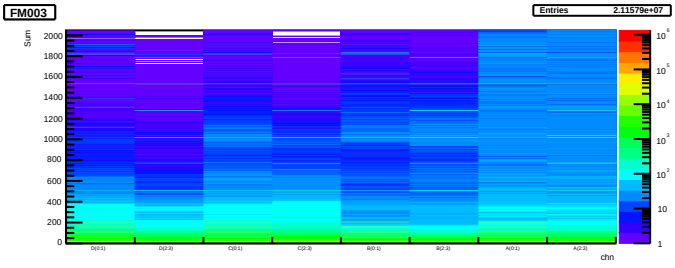

Input to QT3 crate (north-top)
Entries 5.973784e+07
ADC
channel

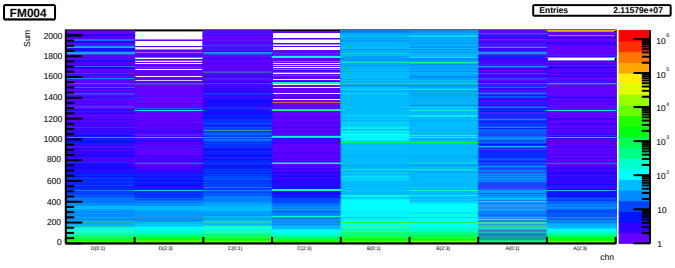

Input to QT2 crate (south-bottom)
Entries 5.998162e+07
ADC
channel

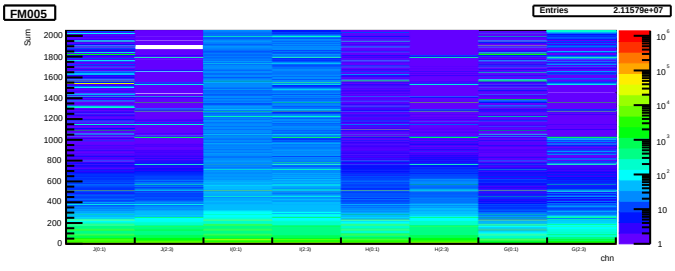

Input to QT4 crate (north-bottom)
Entries 5.124029e+07
ADC
channel

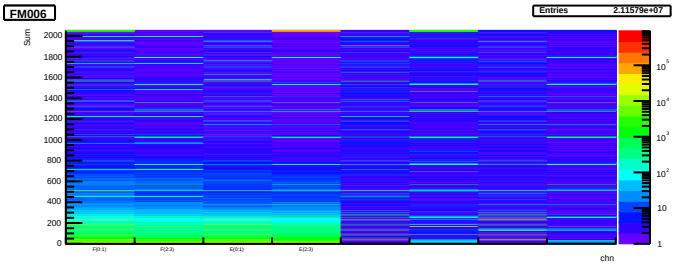

FM001
Entries 2.11579e+07
Sum
chn

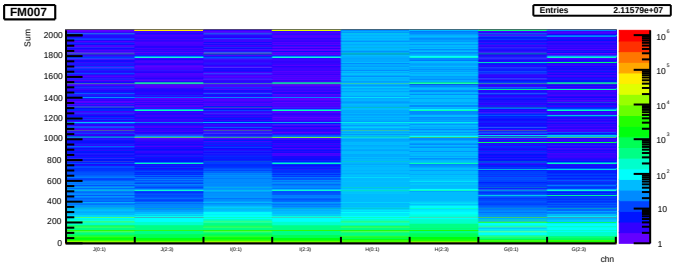

FM002
Entries 2.11579e+07
Sum
chn

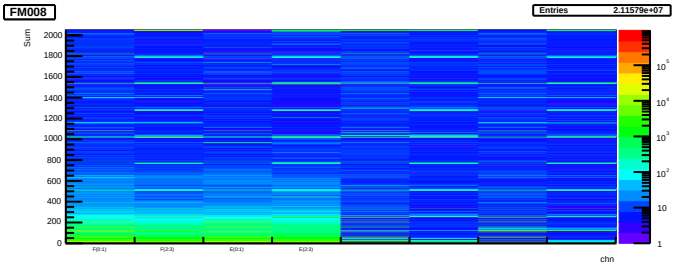

FM003
Entries 2.11579e+07
Sum
chn


FM004
Entries 2.11579e+07
Sum
chn


FM005
Entries 2.11579e+07
Sum
chn


FM006
Entries 2.11579e+07
Sum
chn


FM007
Entries 2.11579e+07
Sum
chn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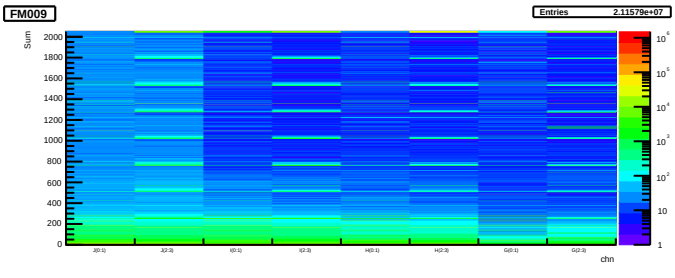
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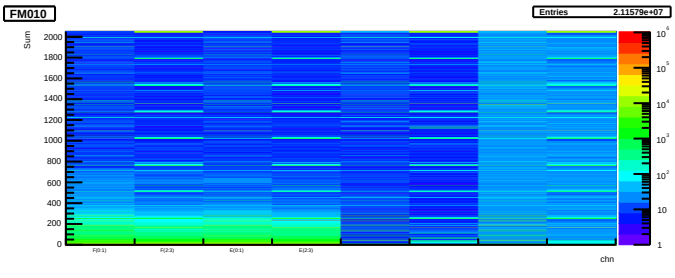
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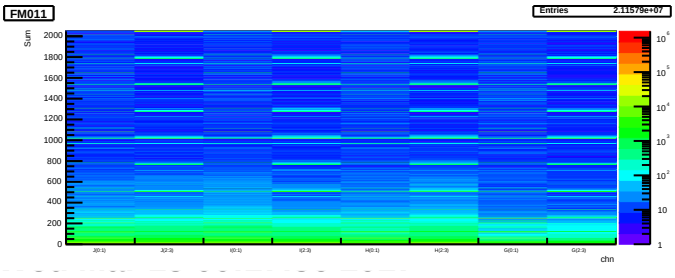
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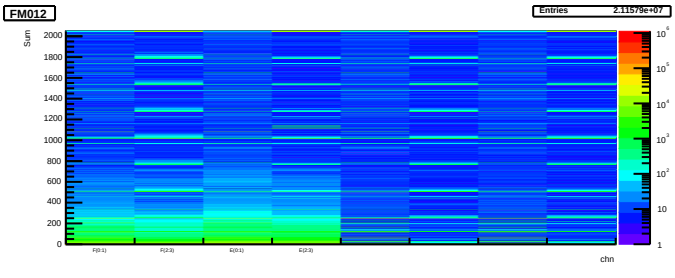
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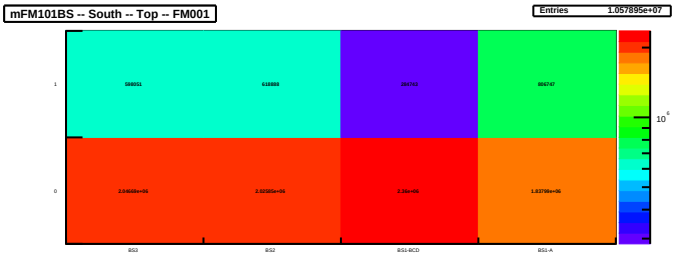
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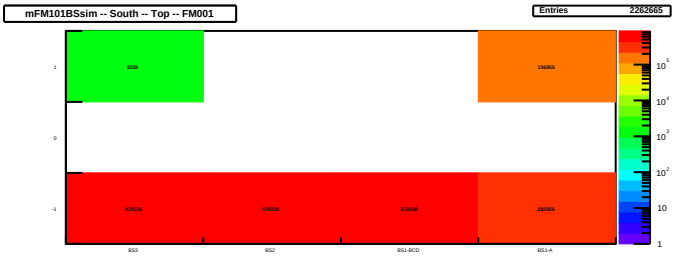
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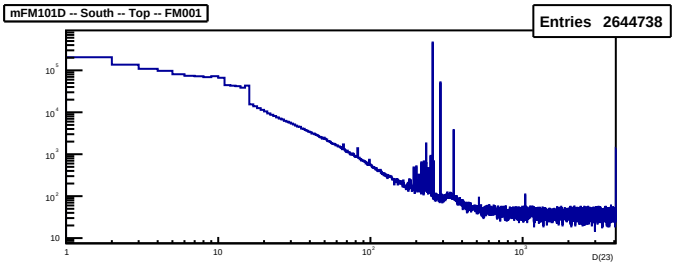
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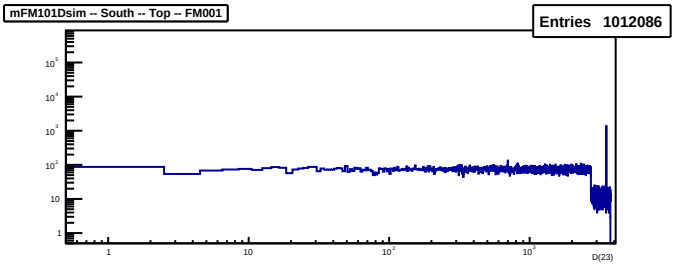
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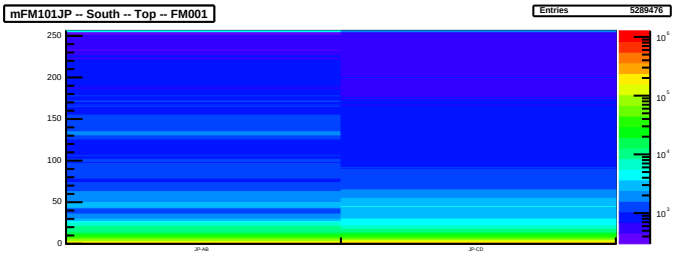
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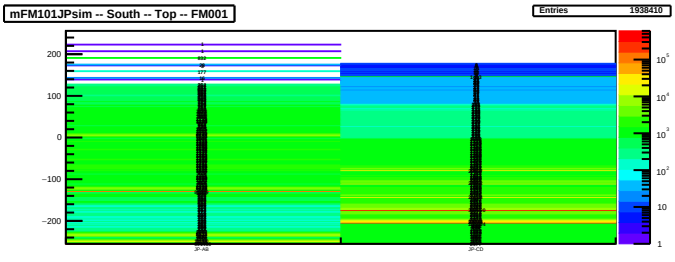
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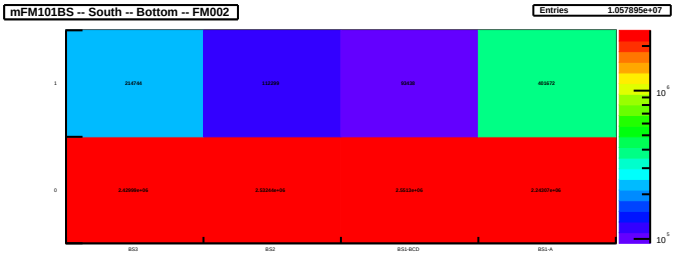
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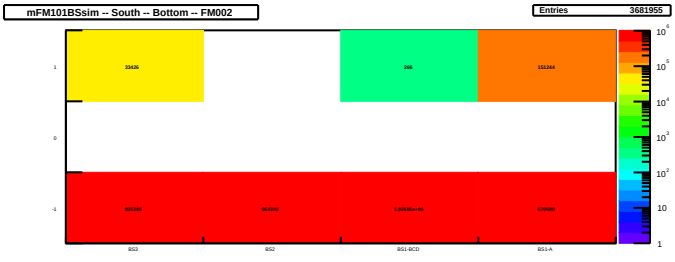
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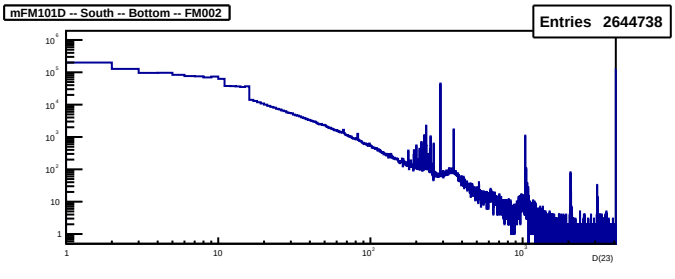
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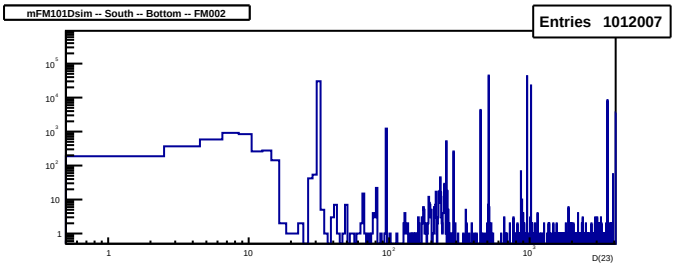
Entries 2644738
D(23)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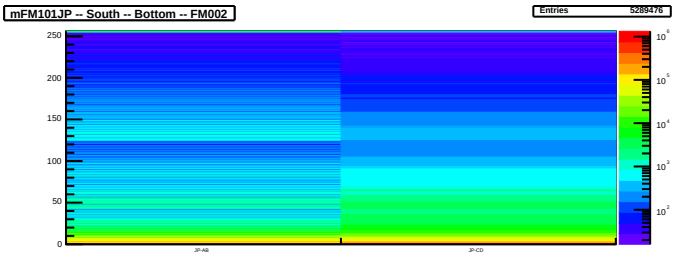
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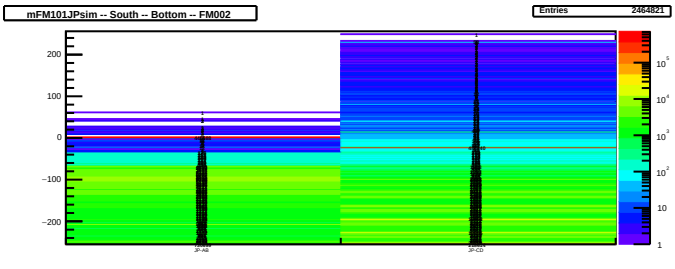
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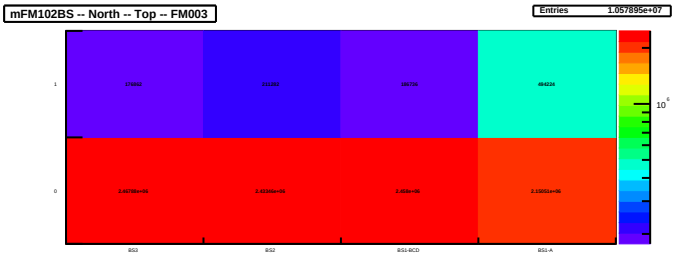
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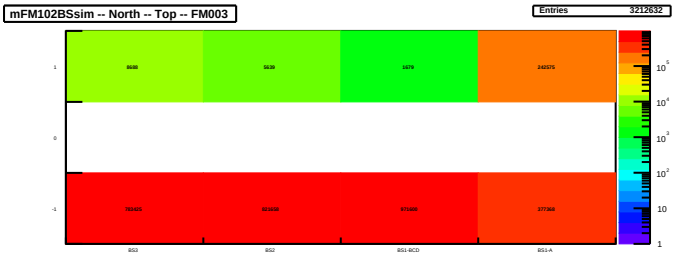
Entries 1.057895e+07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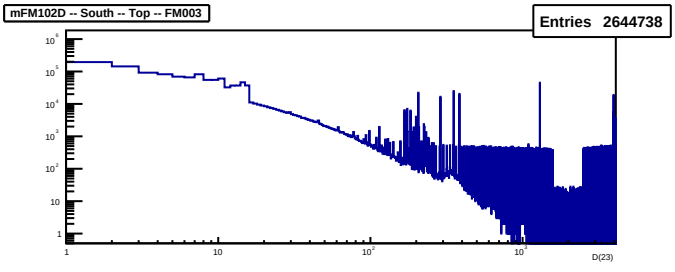
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Entries 2644738
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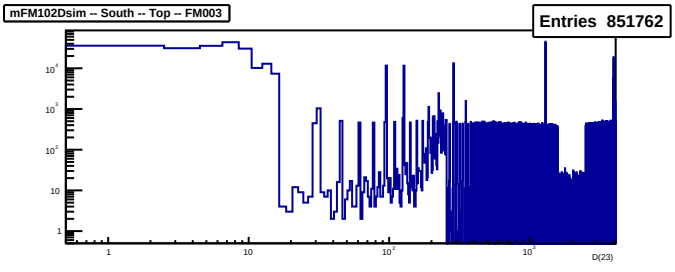
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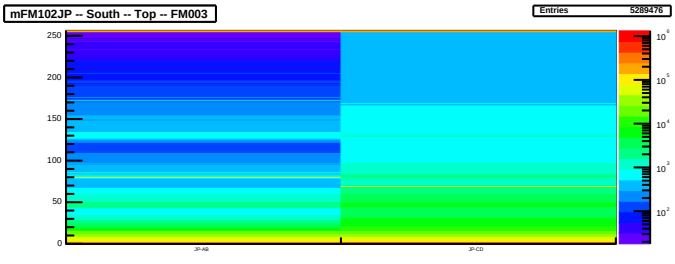
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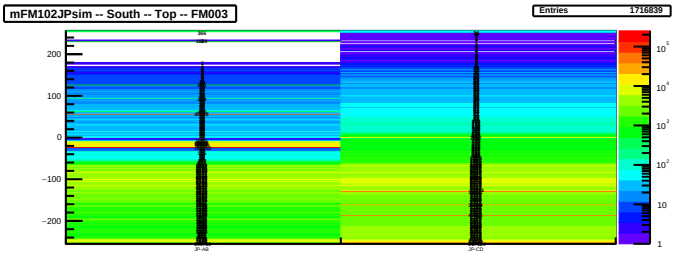
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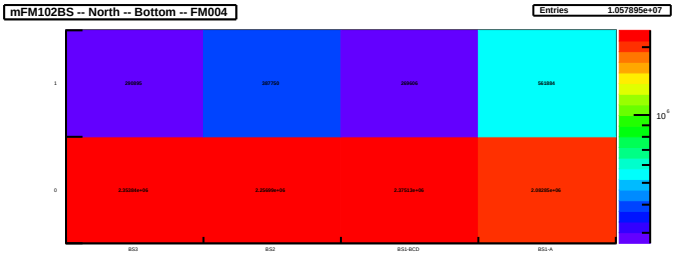
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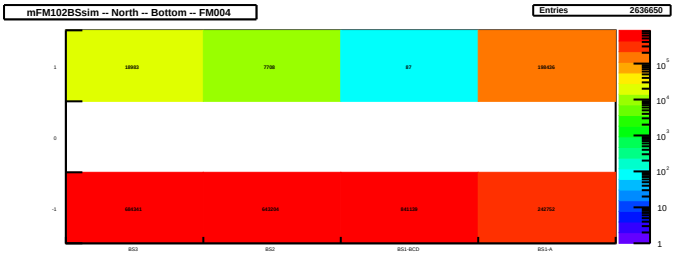
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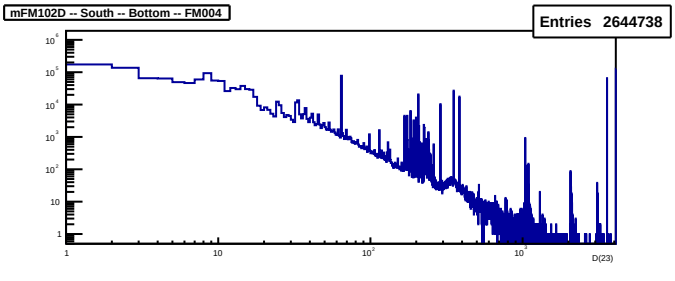
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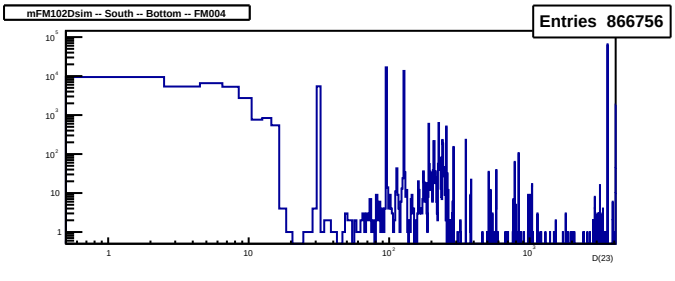
D(23)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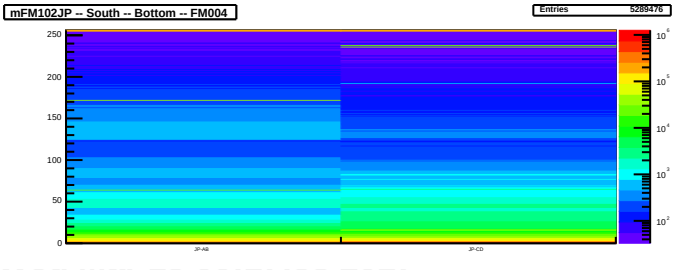
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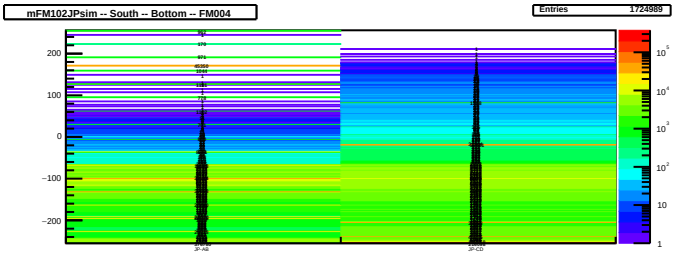
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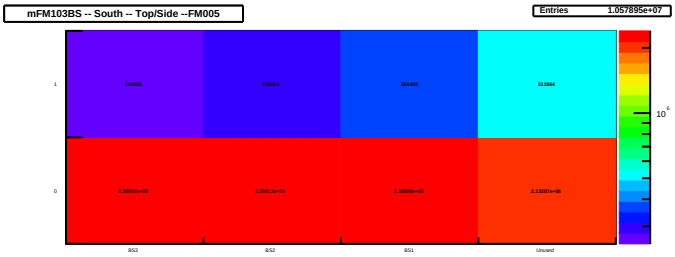
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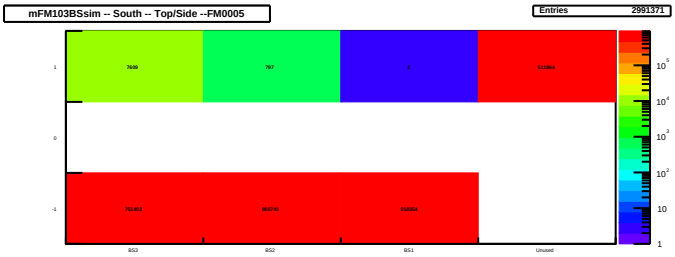
Entries 1.057895e+07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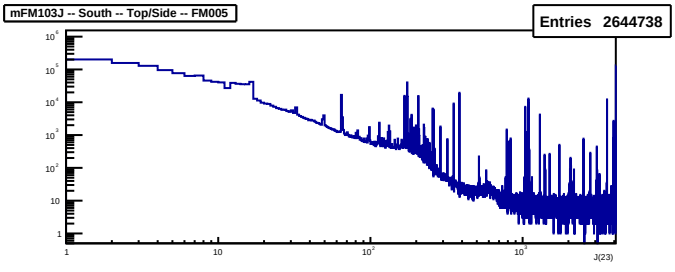
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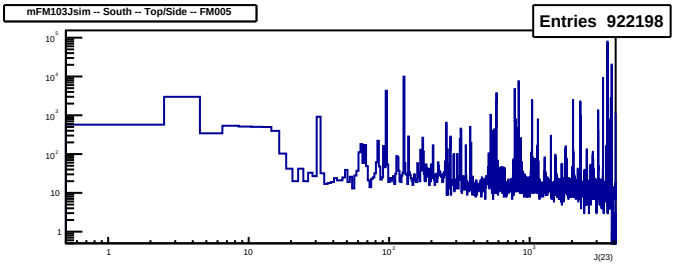
Entries 2644738
J(23)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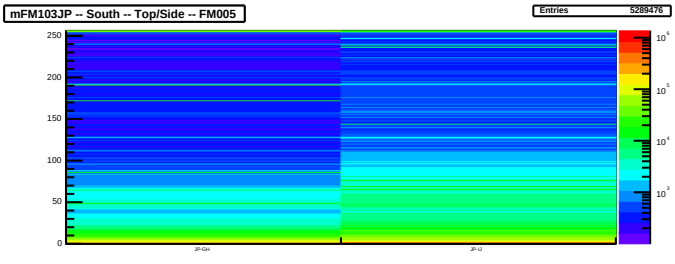
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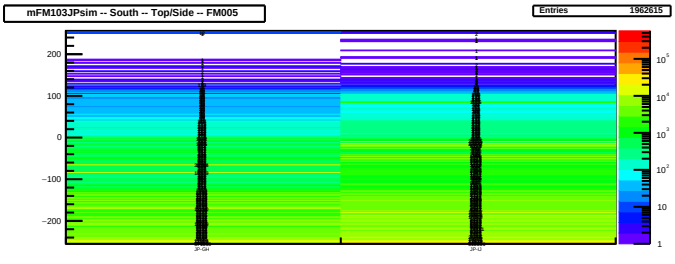
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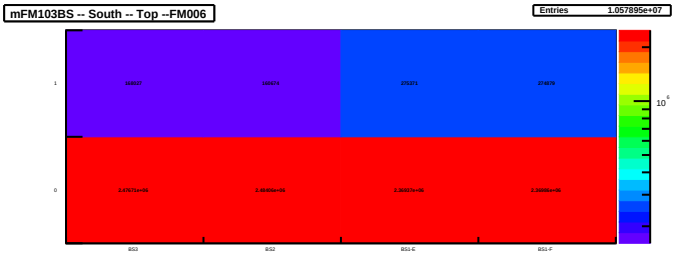
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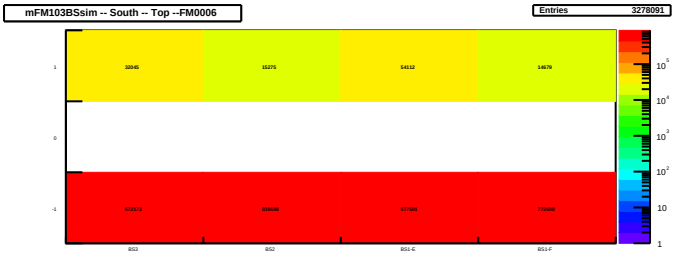
Entries 1.057895e+07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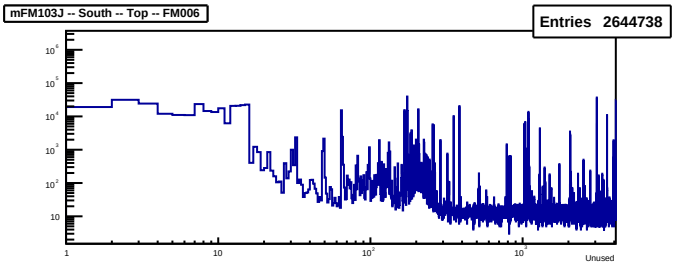
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Entries 2644738
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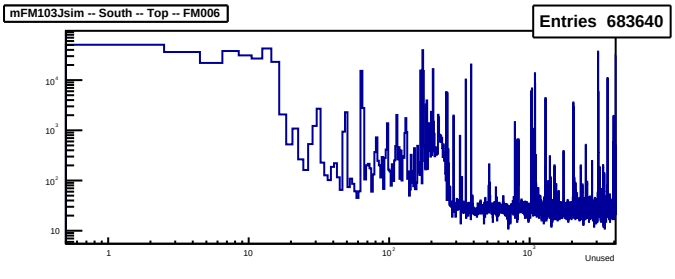
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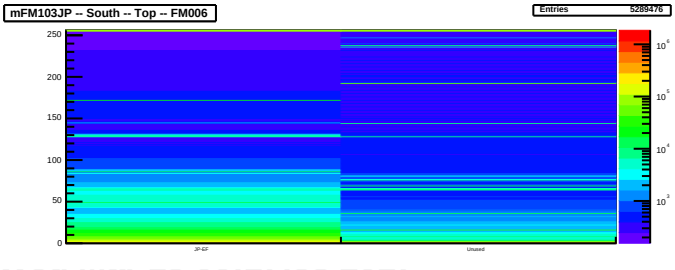
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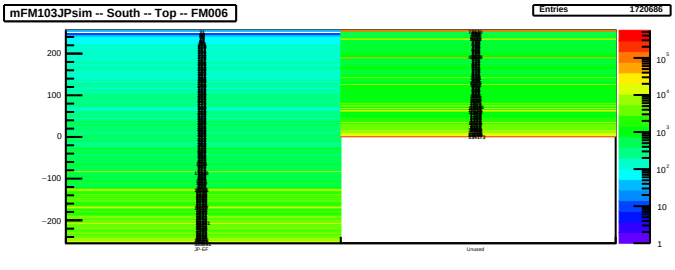
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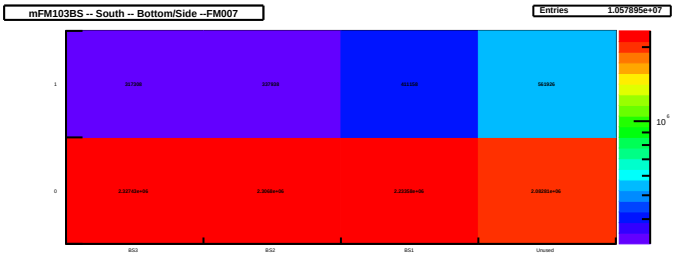
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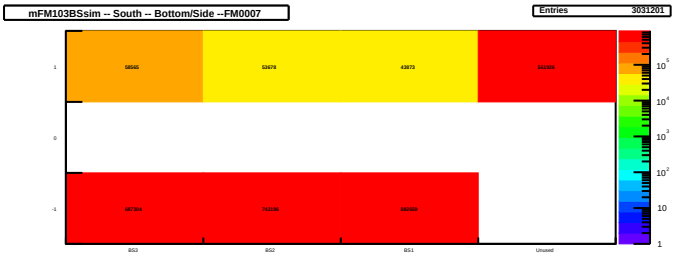
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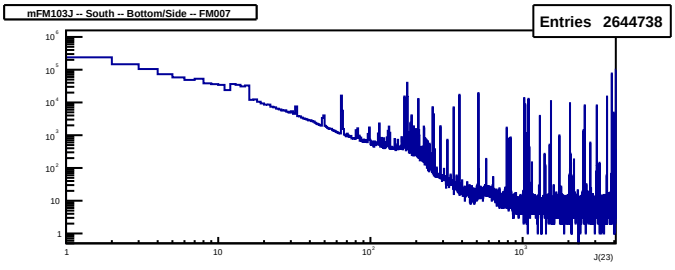
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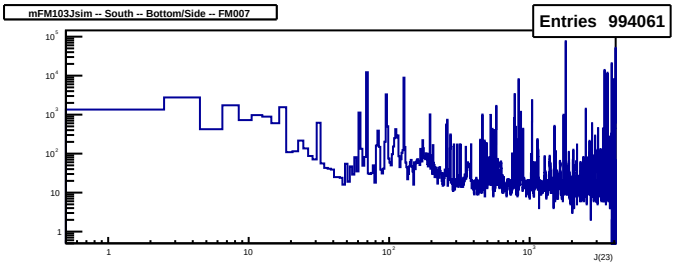
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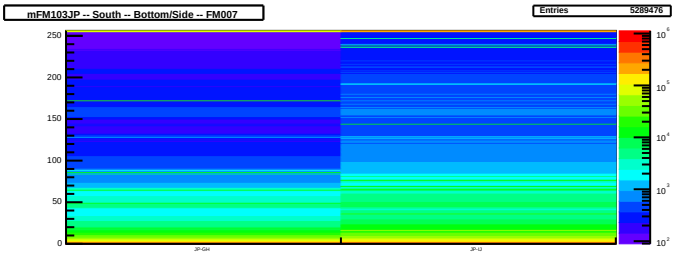
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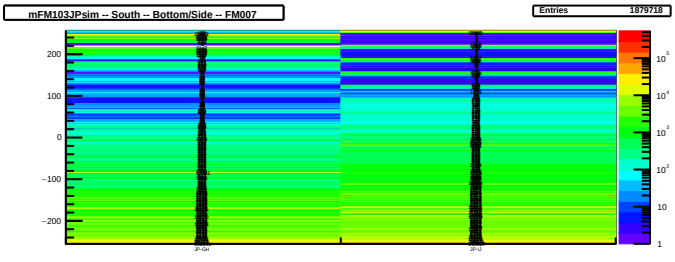
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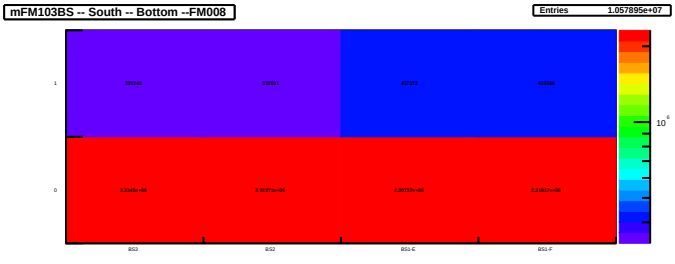
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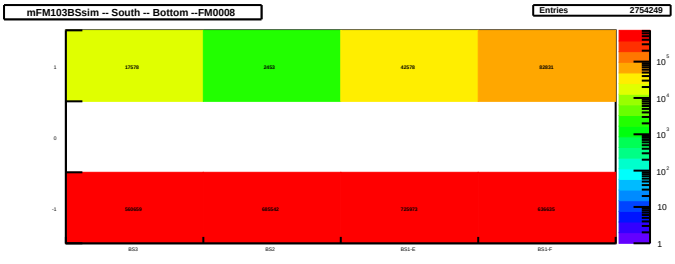
Entries 1.057895e+07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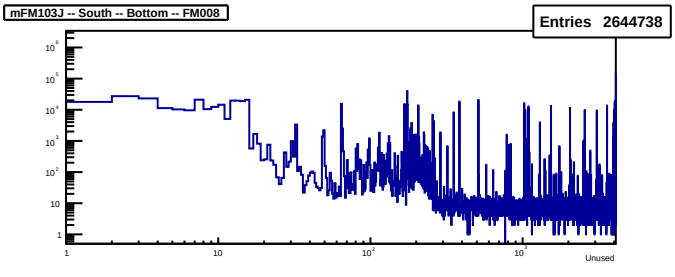
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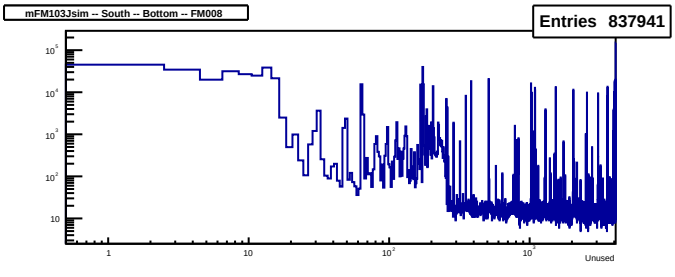
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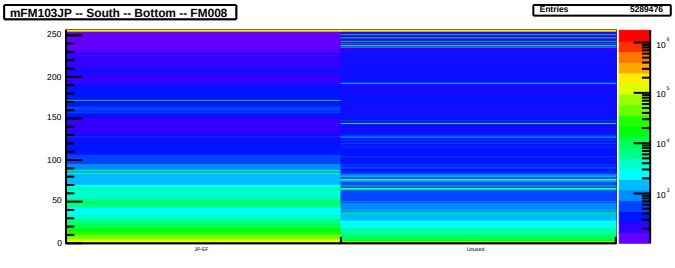
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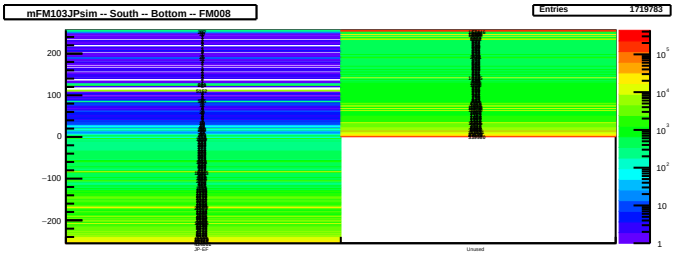
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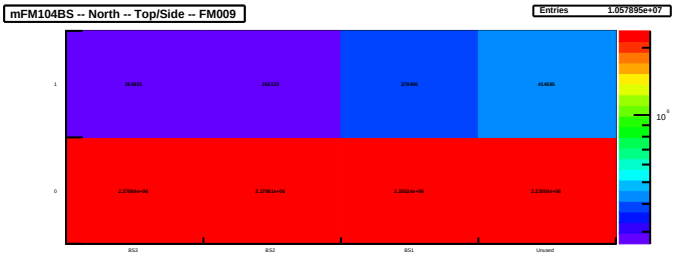
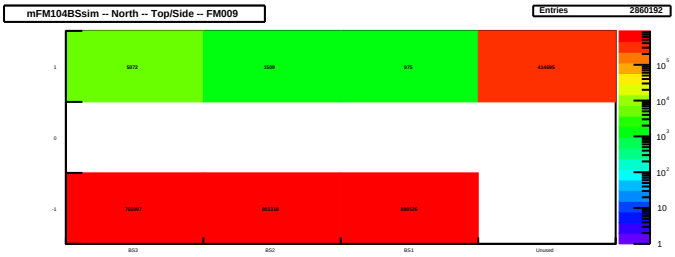
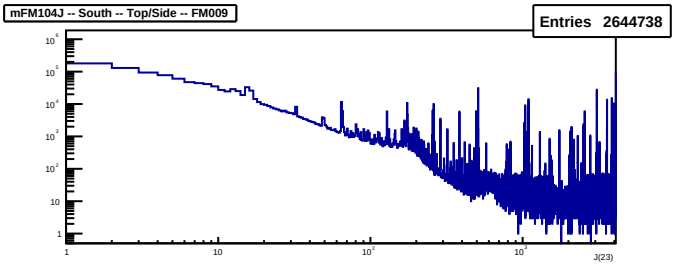
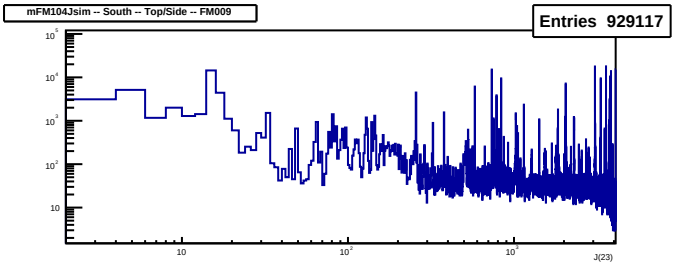
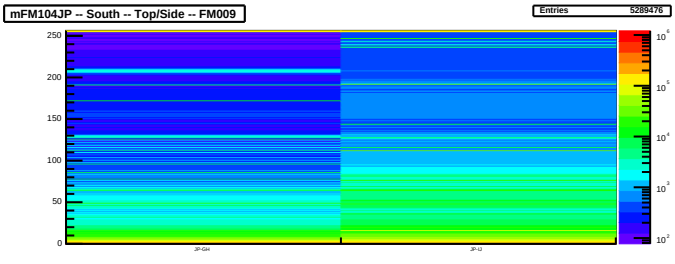
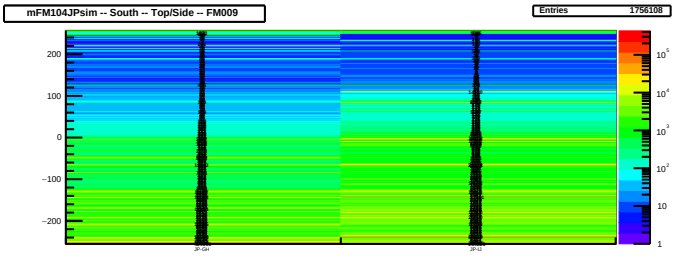

mFM104BS -- North -- Top/Side -- FM009
Entries 1.057895e+07

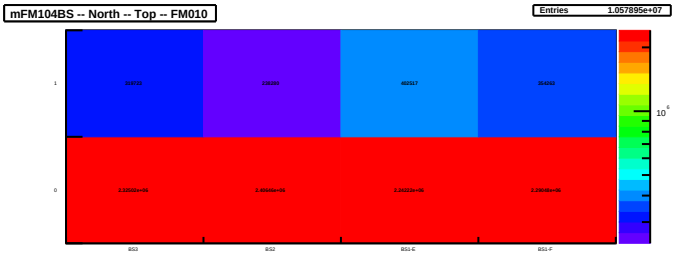

mFM104BSsim -- North -- Top/Side -- FM009
Entries 2860192

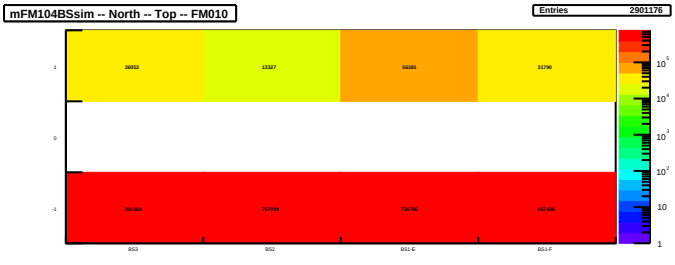

mFM104J -- South -- Top/Side -- FM009
Entries 2644738
J(23)

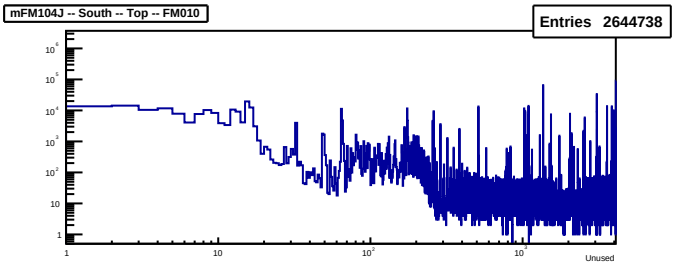

mFM104Jsim -- South -- Top/Side -- FM009
Entries 929117
J(23)

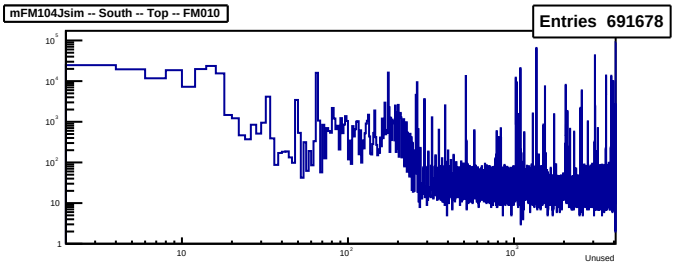

mFM104JP -- South -- Top/Side -- FM009
Entries 5289476

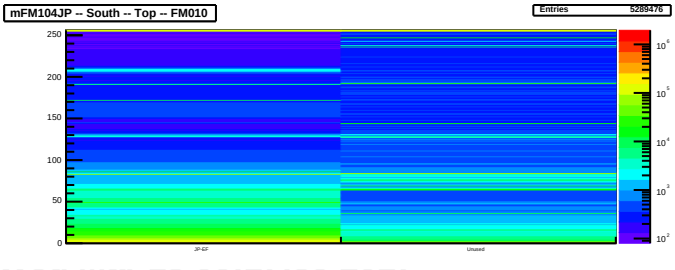

mFM104JPsim -- South -- Top/Side -- FM009
Entries 1756108

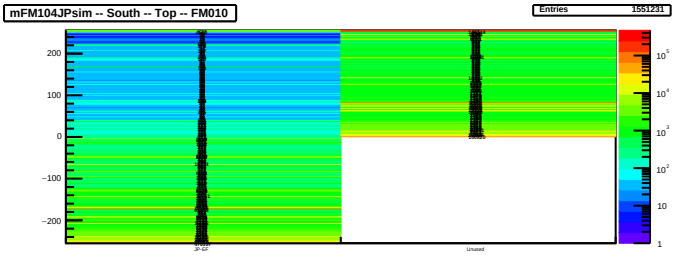

mFM104BS -- North -- Top -- FM010
Entries 1.057895e+07

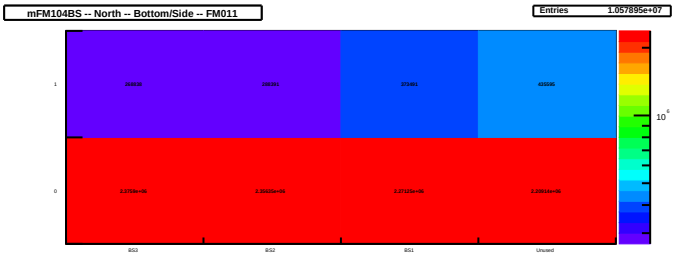

mFM104BSsim -- North -- Top -- FM010
Entries 2901176

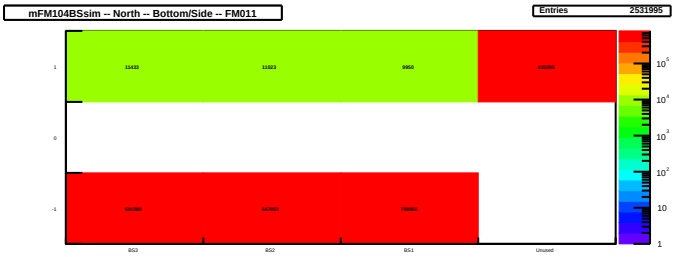

mFM104J -- South -- Top -- FM010
Entries 2644738
Unused

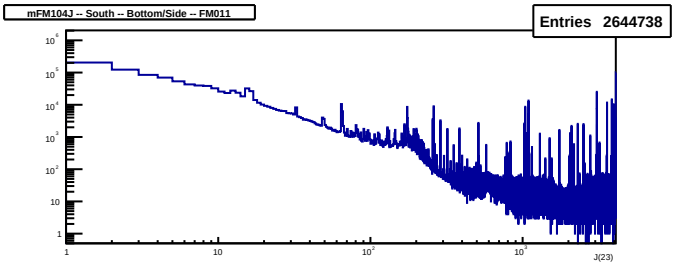

mFM104Jsim -- South -- Top -- FM010
Entries 691678
Unused

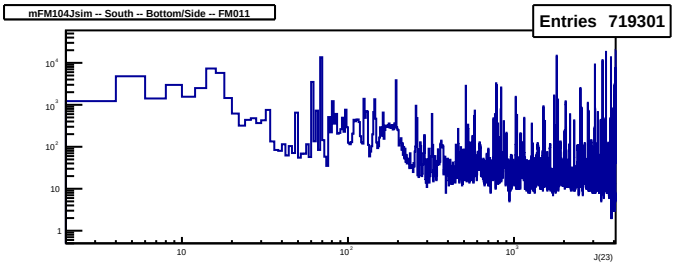

mFM104JP -- South -- Top -- FM010
Entries 5289476

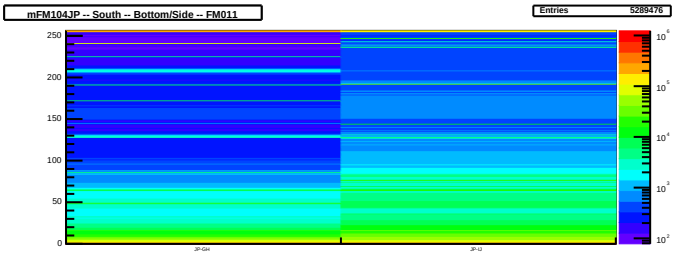

mFM104JPsim -- South -- Top -- FM010
Entries 1551231

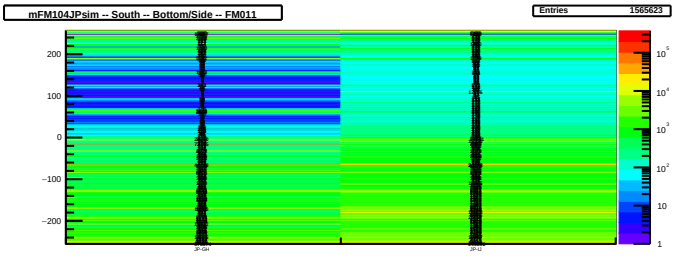

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.057895e+07

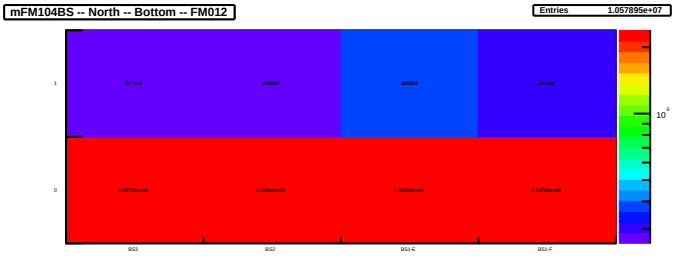

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 2531995

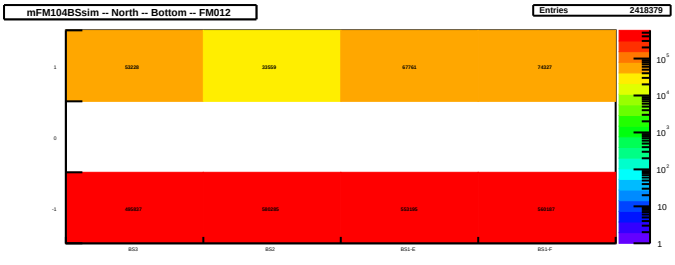

mFM104J -- South -- Bottom/Side -- FM011
Entries 2644738
J(23)

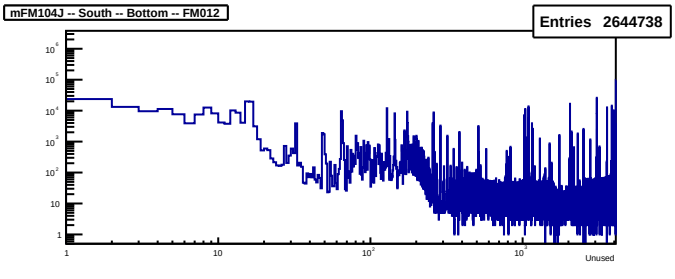

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 719301
J(23)

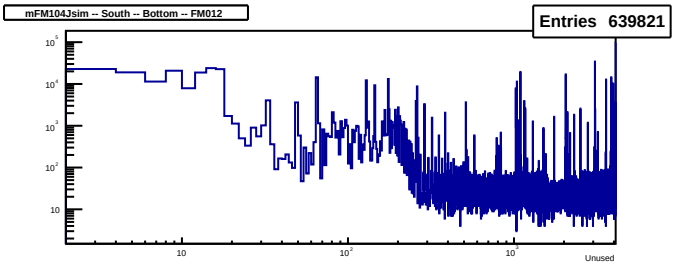

mFM104JP -- South -- Bottom/Side -- FM011
Entries 5289476

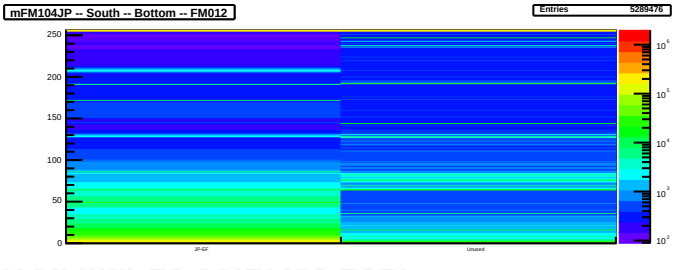

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 1565623

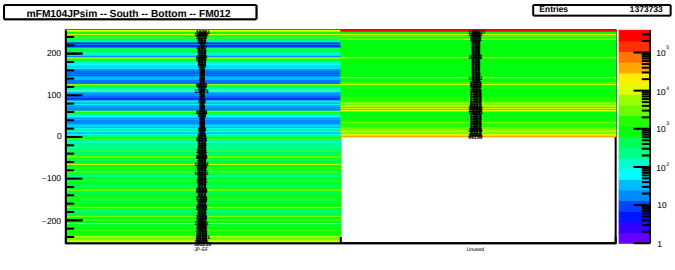

mFM104BS -- North -- Bottom -- FM012
Entries 1.057895e+07

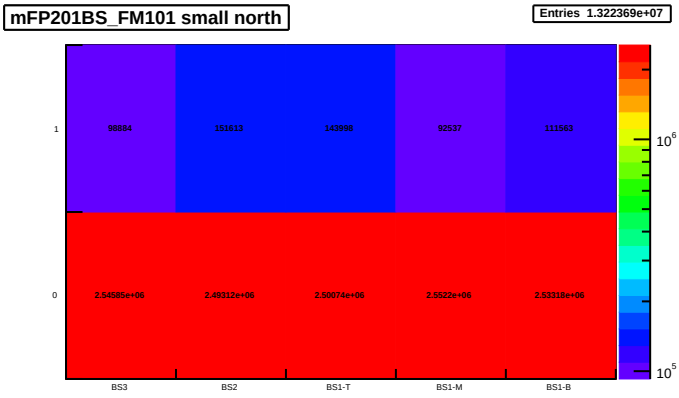

mFM104BSsim -- North -- Bottom -- FM012
Entries 2418379

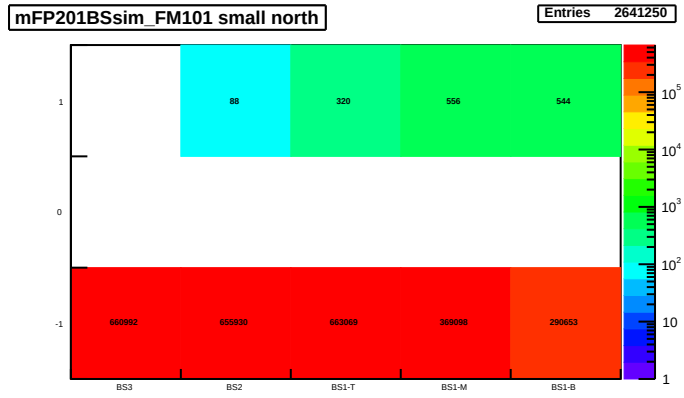

mFM104J -- South -- Bottom -- FM012
Entries 2644738
Unused

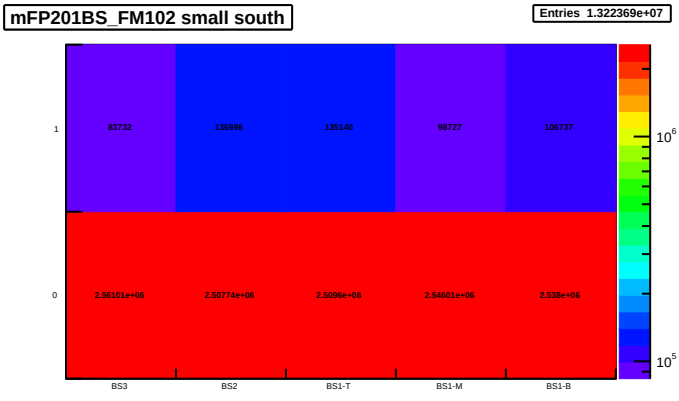

mFM104Jsim -- South -- Bottom -- FM012
Entries 639821
Unused

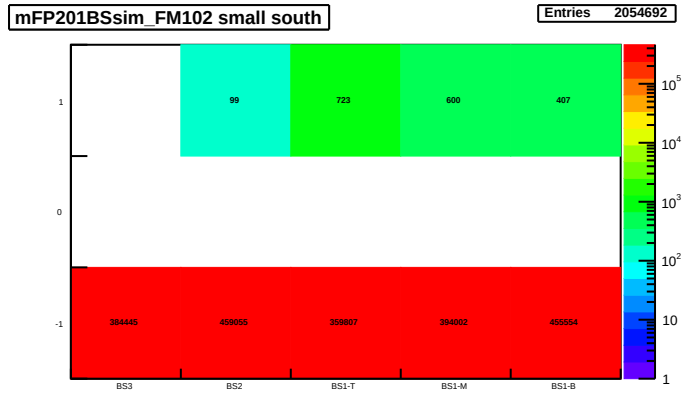

mFM104JP -- South -- Bottom -- FM012
Entries 5289476

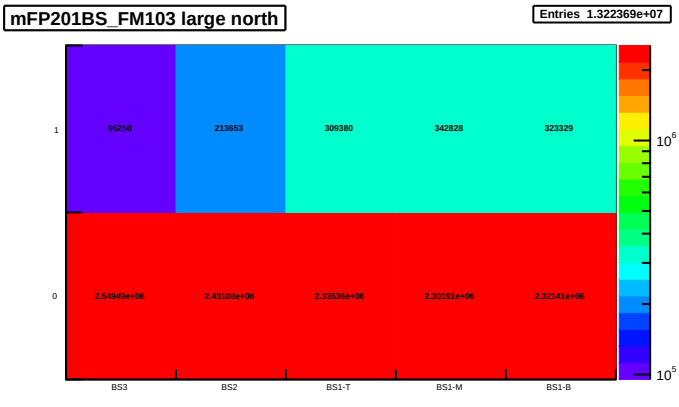

mFM104JPsim -- South -- Bottom -- FM012
Entries 1373733

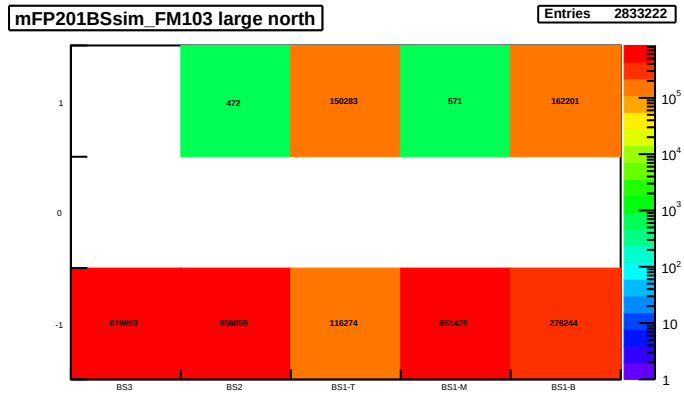

mFP201BS_FM101 small north
Entries 1.322369e+07
98884
151613
143998
92537
111563
2.54585e+06
2.49312e+06
2.50074e+06
2.5522e+06
2.53318e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

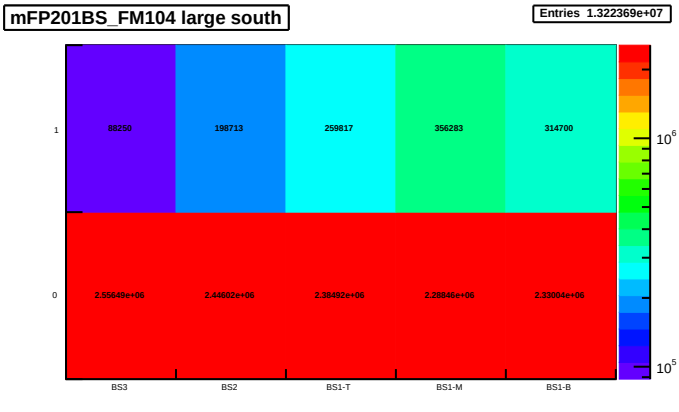

mFP201BSsim_FM101 small north
Entries 2641250
88
320
556
544
660992
655930
663069
369098
290653
BS3
BS2
BS1-T
BS1-M
BS1-B

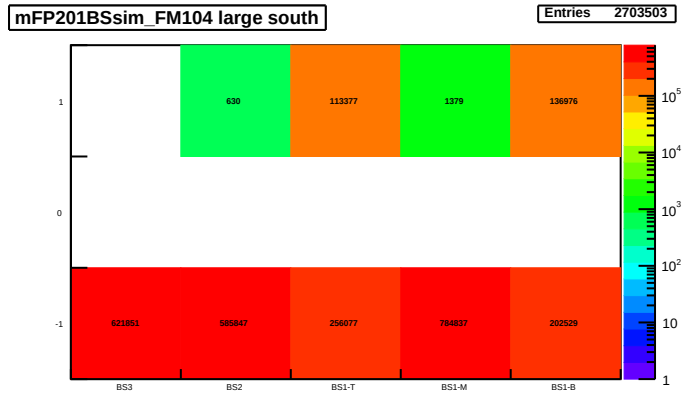

mFP201BS_FM102 small south
Entries 1.322369e+07
83732
136996
135140
98727
106737
2.56101e+06
2.50774e+06
2.5096e+06
2.54601e+06
2.538e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

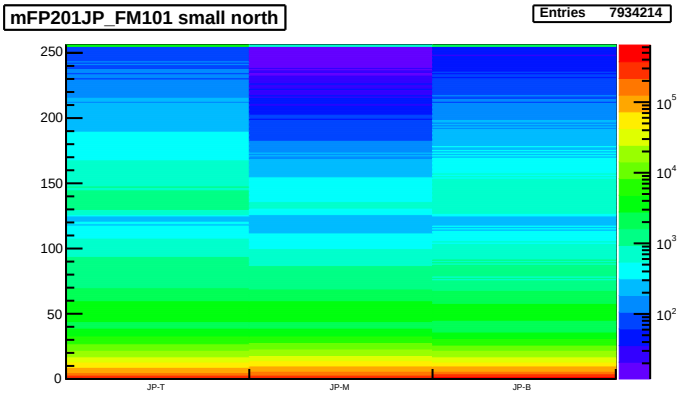

mFP201BSsim_FM102 small south
Entries 2054692
99
723
600
407
384445
459055
359807
394002
455554
BS3
BS2
BS1-T
BS1-M
BS1-B

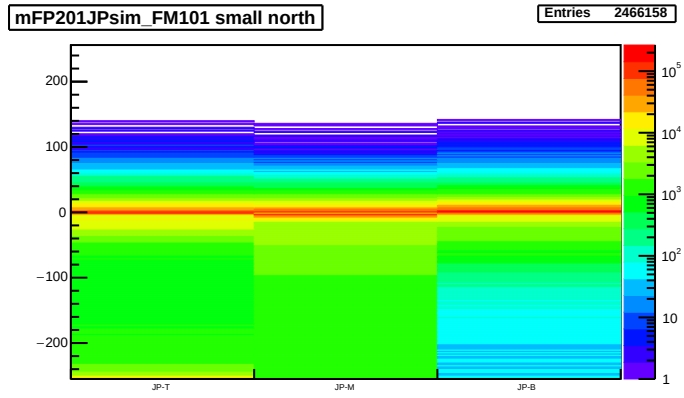

mFP201BS_FM103 large north
Entries 1.322369e+07
95250
213653
309380
342828
323329
2.54949e+06
2.43108e+06
2.33536e+06
2.30191e+06
2.32141e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

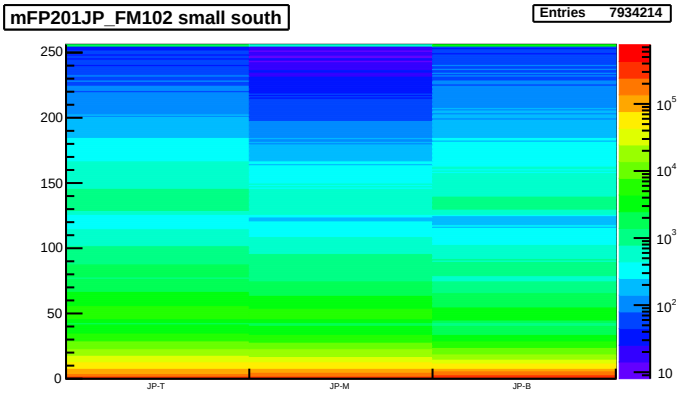

mFP201BSsim_FM103 large north
Entries 2833222
472
150283
571
162201
619693
656059
116274
851425
276244
BS3
BS2
BS1-T
BS1-M
BS1-B

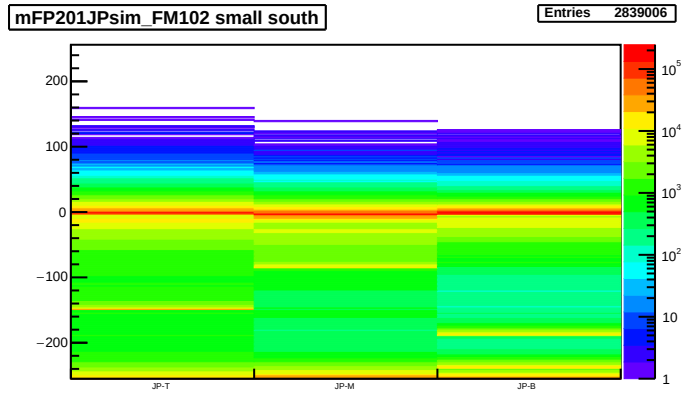

mFP201BS_FM104 large south
Entries 1.322369e+07
88250
198713
259817
356283
314700
2.55649e+06
2.44602e+06
2.38492e+06
2.28846e+06
2.33004e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

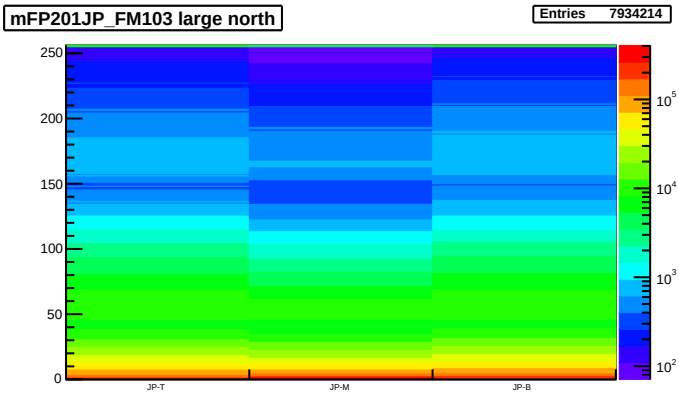

mFP201BSsim_FM104 large south
Entries 2703503
630
113377
1379
136976
621851
585847
256077
784837
202529
BS3
BS2
BS1-T
BS1-M
BS1-B

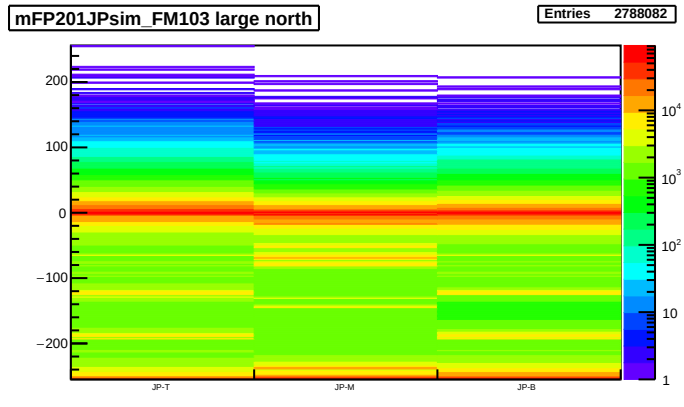

mFP201JP_FM101 small north
Entries 7934214
JP-T
JP-M
JP-B

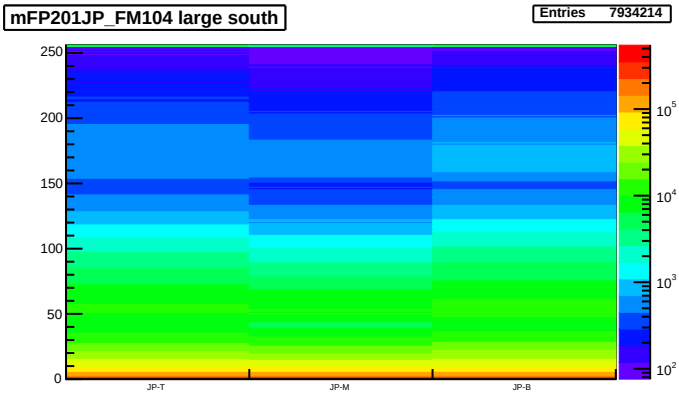

mFP201JPsim_FM101 small north
Entries 2466158
JP-T
JP-M
JP-B

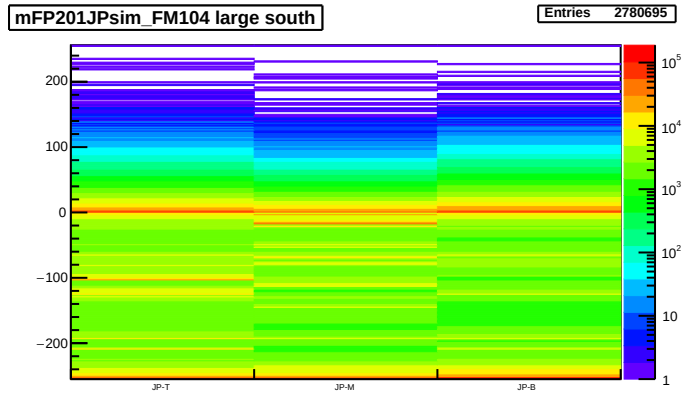

mFP201JP_FM102 small south
Entries 7934214
JP-T
JP-M
JP-B

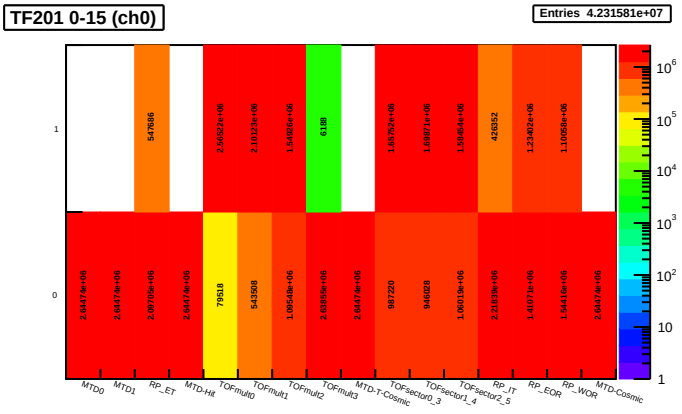

mFP201JPsim_FM102 small south
Entries 2839006
JP-T
JP-M
JP-B

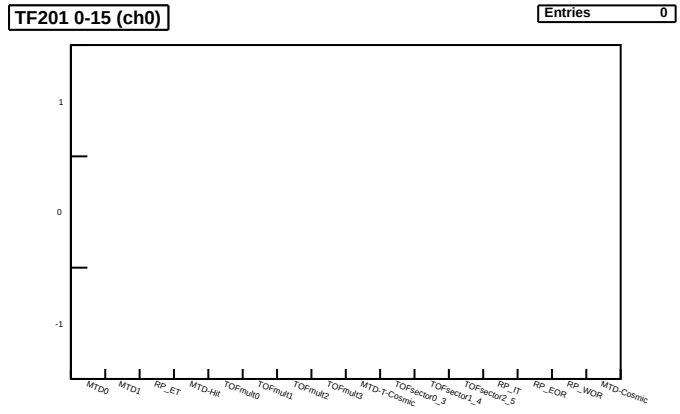

mFP201JP_FM103 large north
Entries 7934214
JP-T
JP-M
JP-B

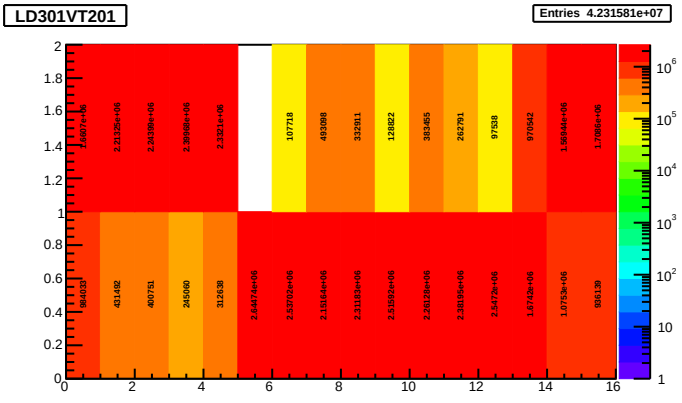

mFP201JPsim_FM103 large north
Entries 2788082
JP-T
JP-M
JP-B

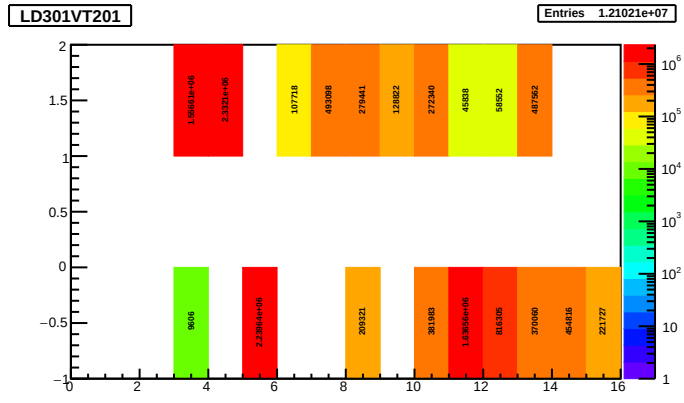

mFP201JP_FM104 large south
Entries 7934214
JP-T
JP-M
JP-B

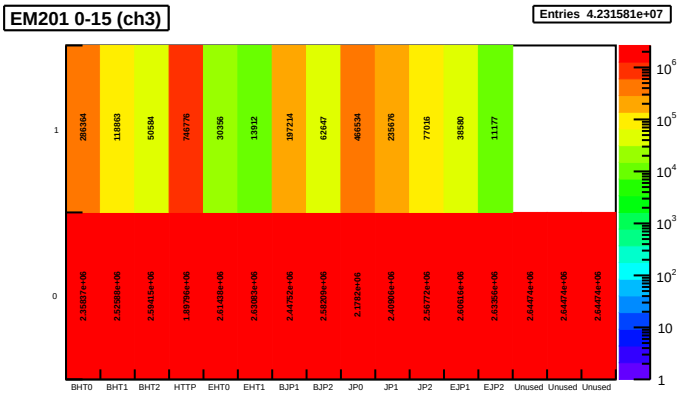

mFP201JPsim_FM104 large south
Entries 2780695
JP-T
JP-M
JP-B

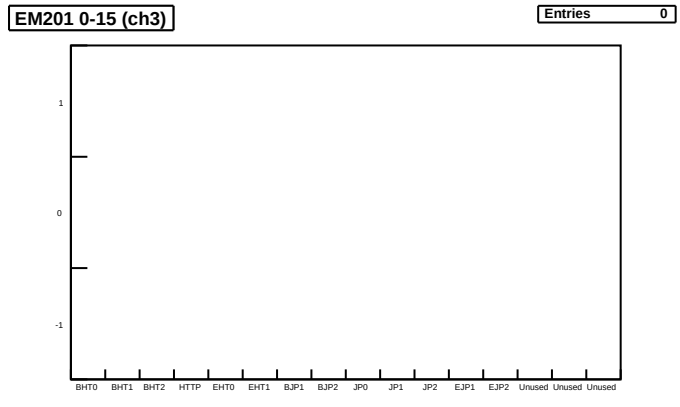

TF201 0-15 (ch0)
Entries 4.231581e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

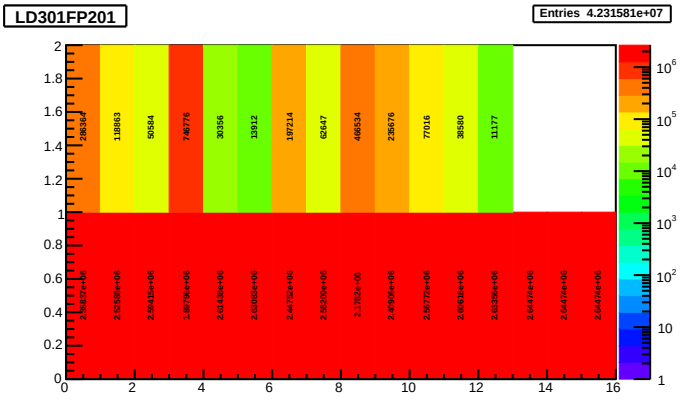

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

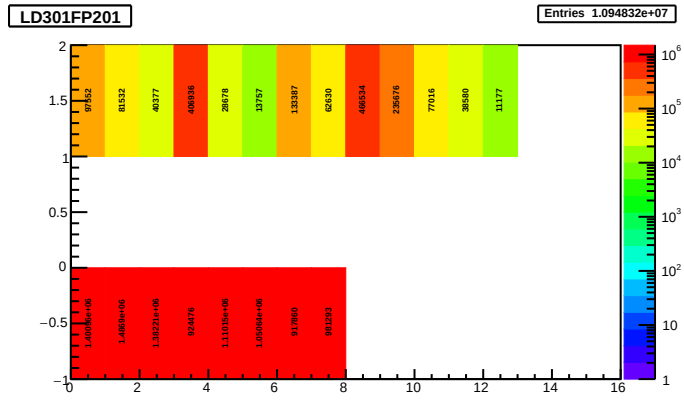

LD301VT201
Entries 4.231581e+07


LD301VT201
Entries 1.21021e+07


EM201 0-15 (ch3)
Entries 4.231581e+07
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


EM201 0-15 (ch3)
Entries 0
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


LD301FP201
Entries 4.231581e+07


LD301FP201
Entries 1.094832e+07