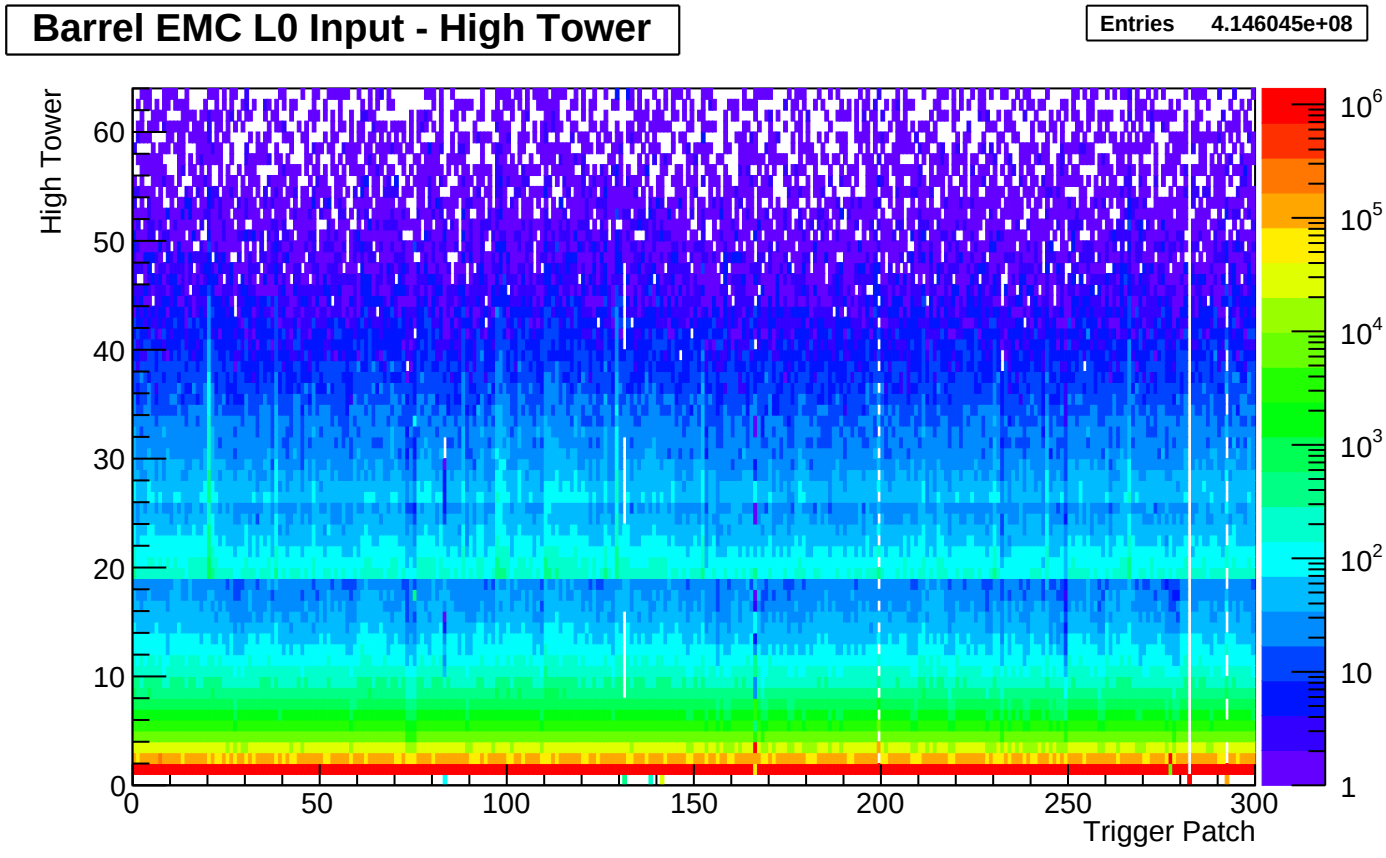
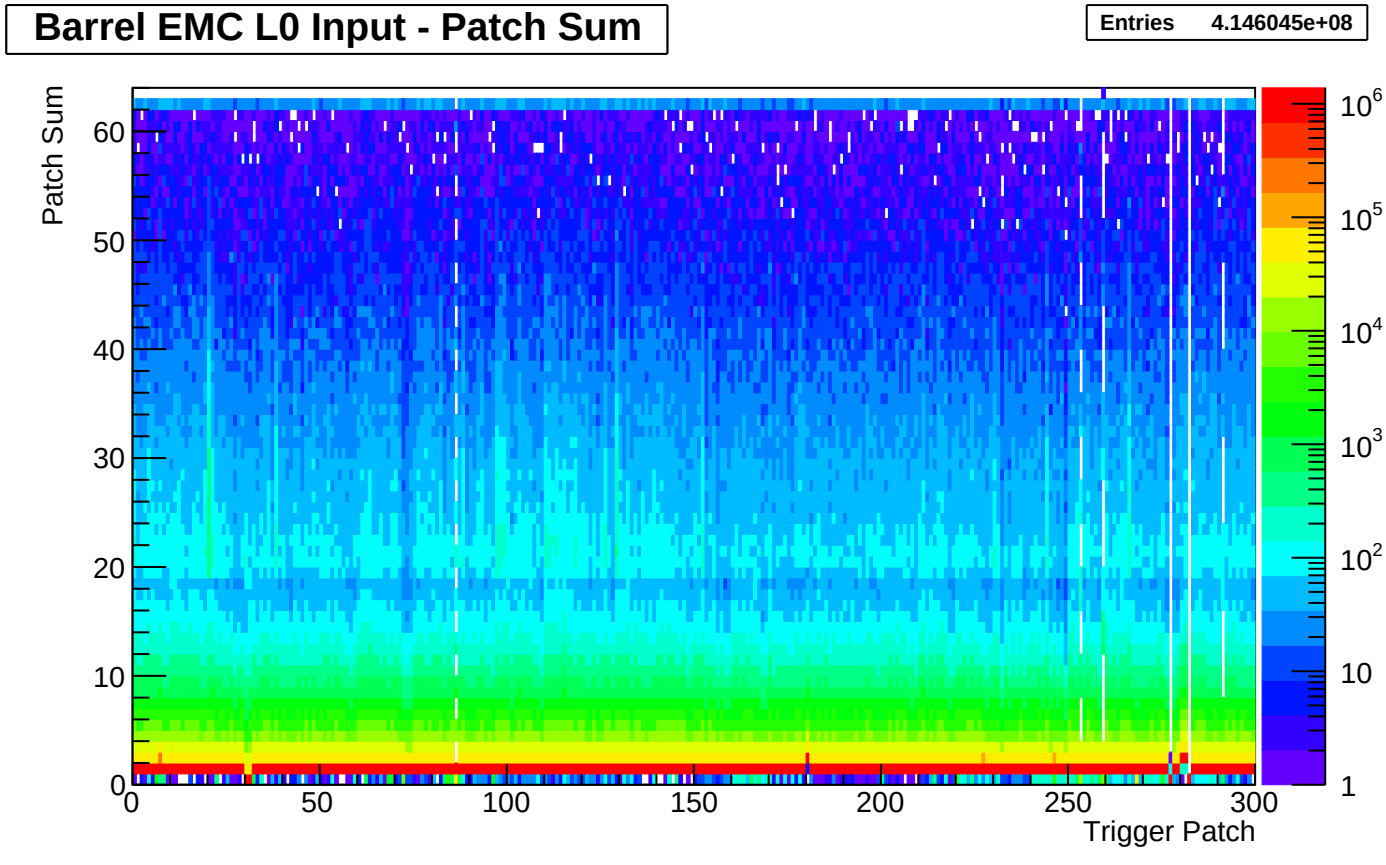
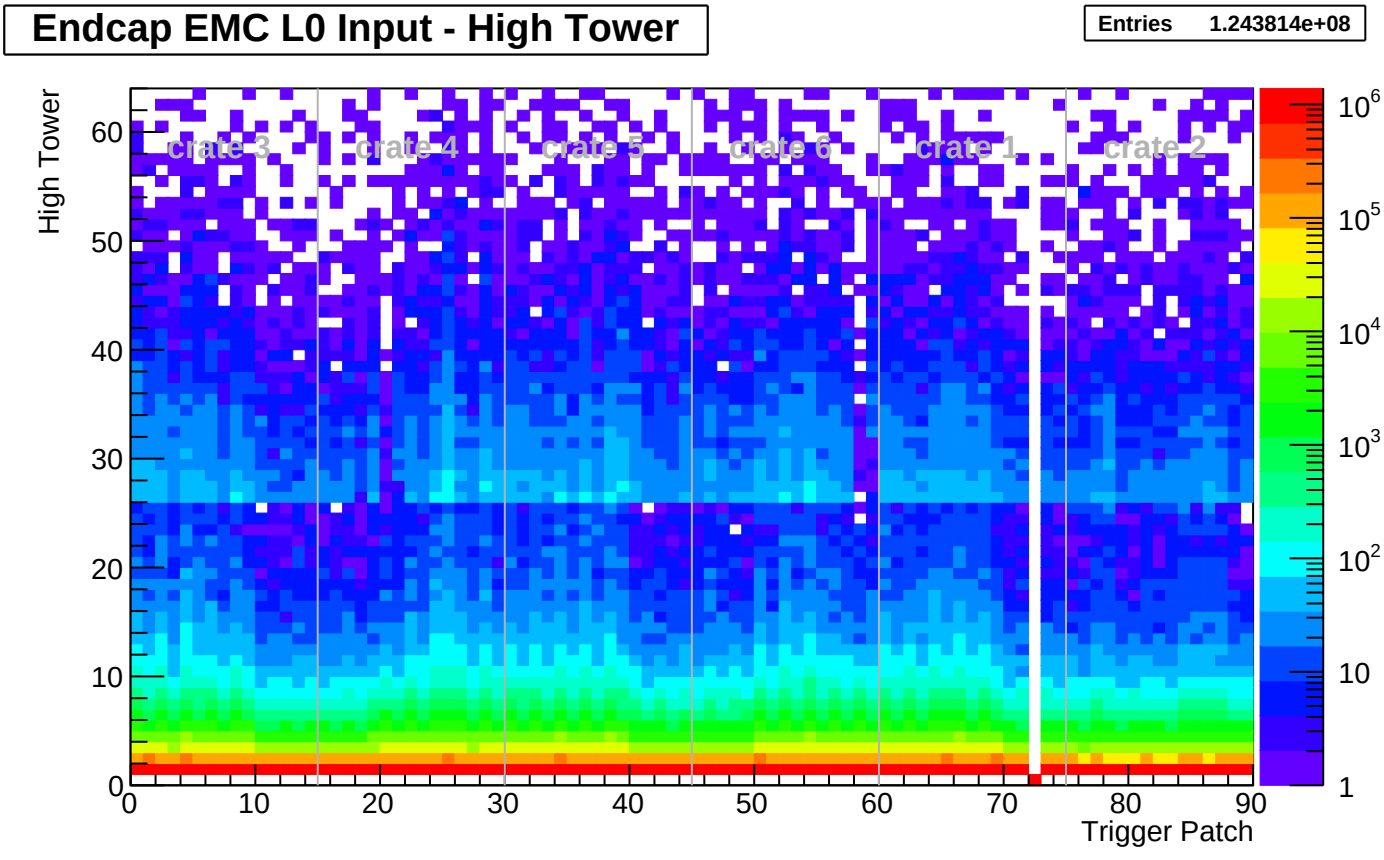
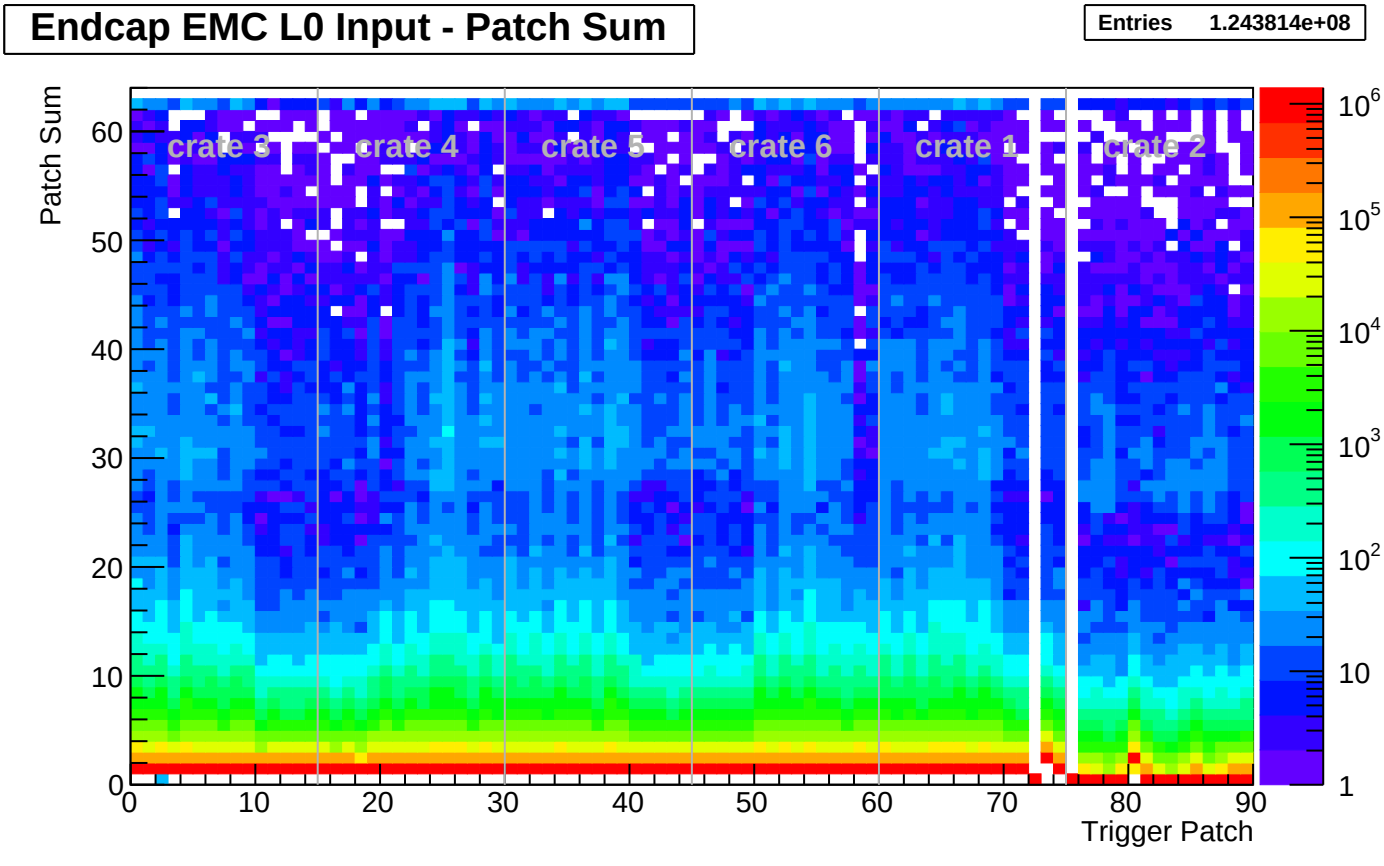
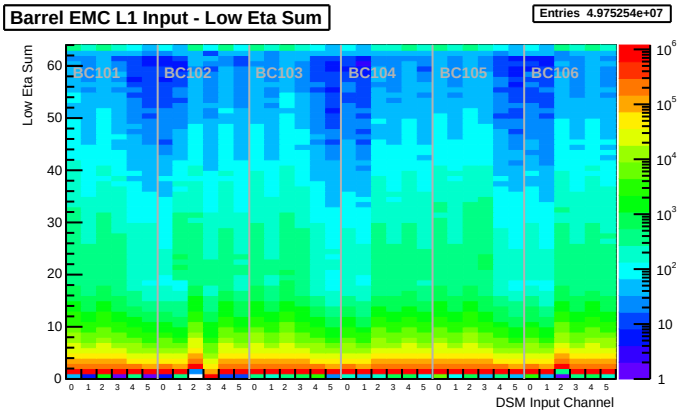
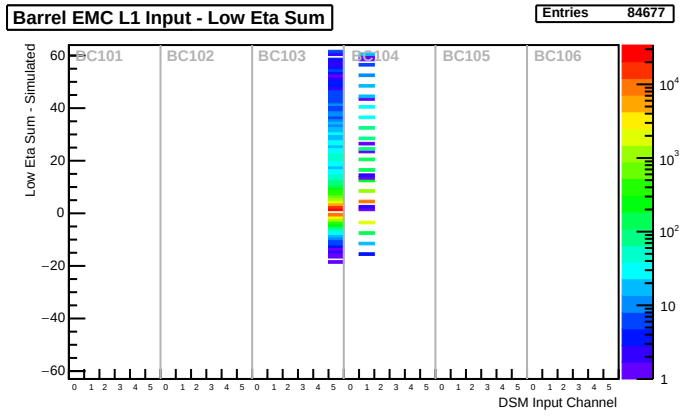

Barrel EMC L0 Input - High Tower
Entries 4.146045e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

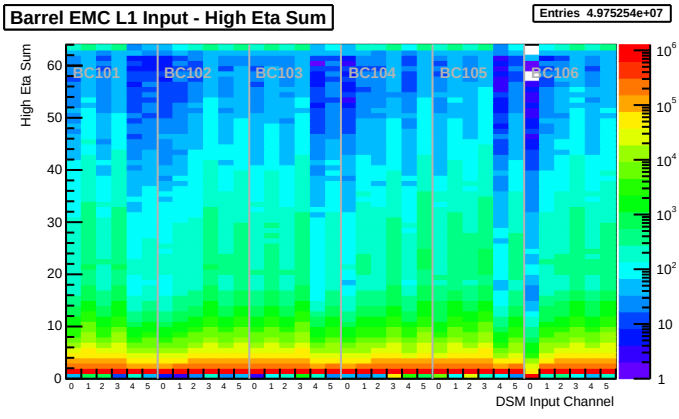

Barrel EMC L0 Input - Patch Sum
Entries 4.146045e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

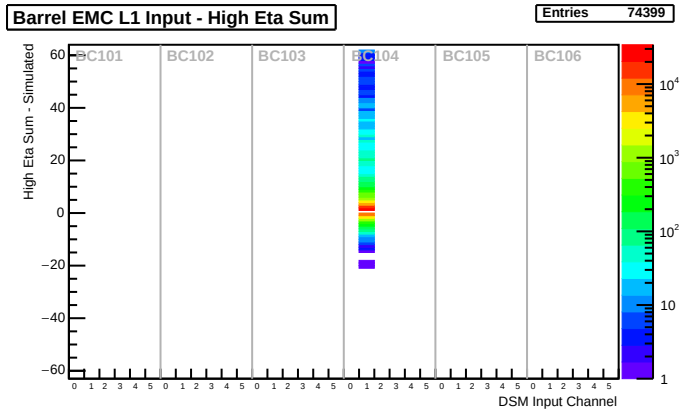

Endcap EMC L0 Input - High Tower
Entries 1.243814e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

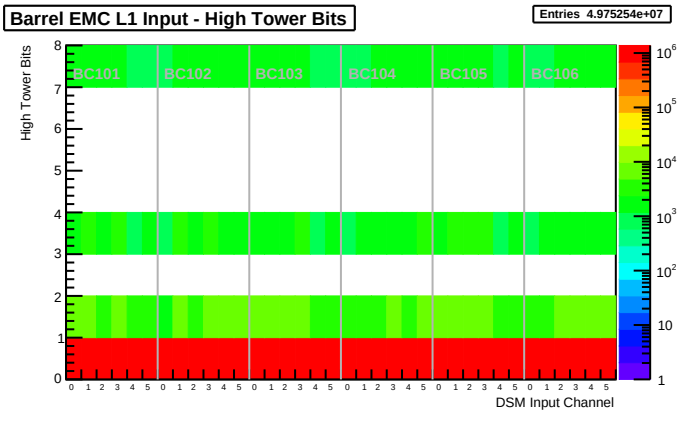

Endcap EMC L0 Input - Patch Sum
Entries 1.243814e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

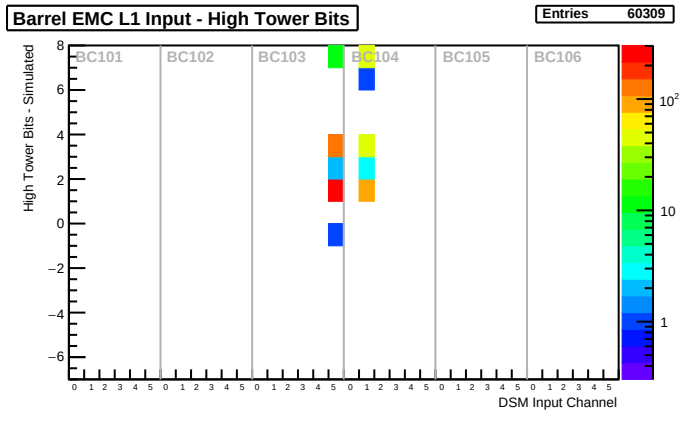

Barrel EMC L1 Input - Low Eta Sum
Entries 4.975254e+07
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

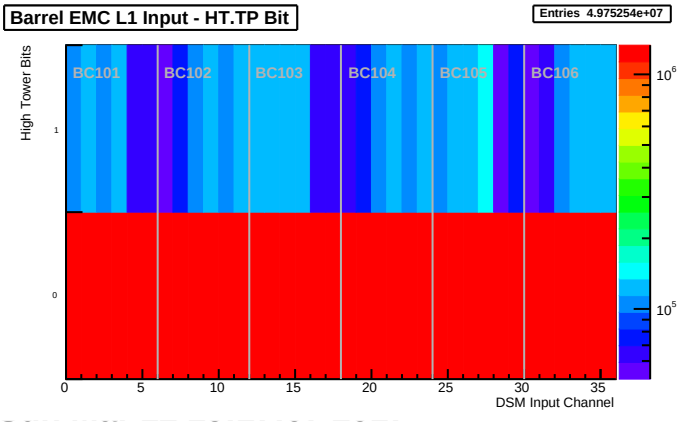

Barrel EMC L1 Input - Low Eta Sum
Entries 84677
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

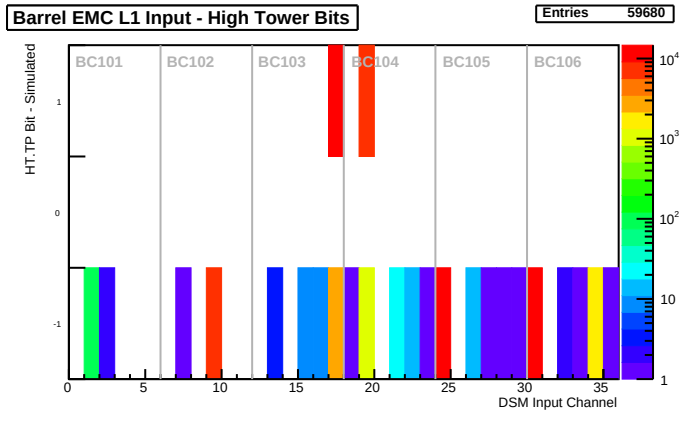

Barrel EMC L1 Input - High Eta Sum
Entries 4.975254e+07
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

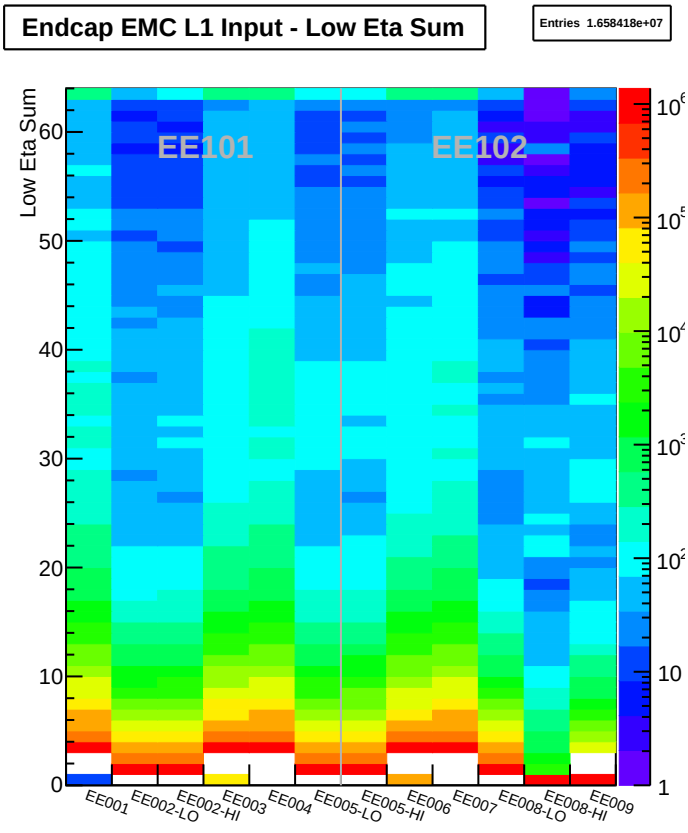

Barrel EMC L1 Input - High Eta Sum
Entries 74399
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

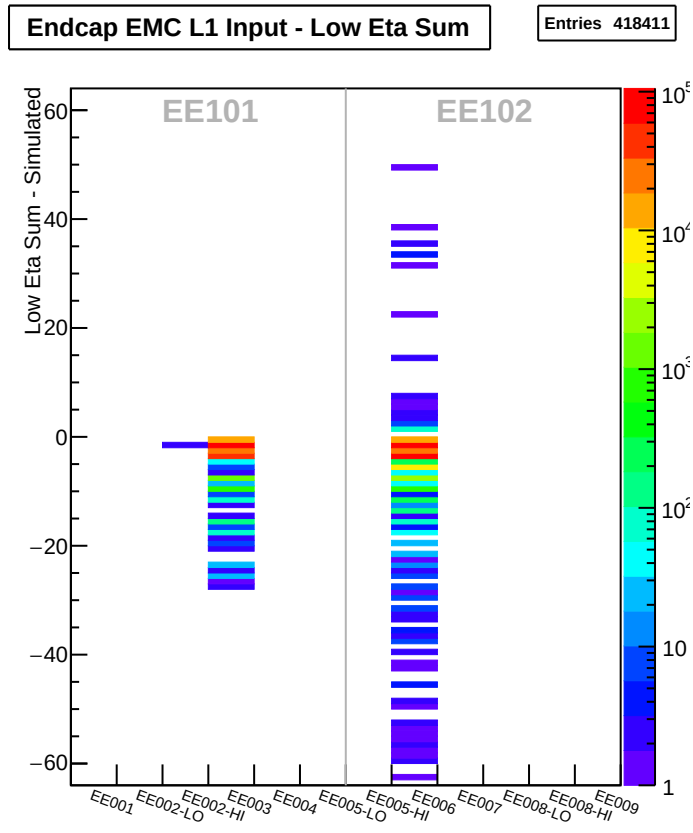

Barrel EMC L1 Input - High Tower Bits
Entries 4.975254e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

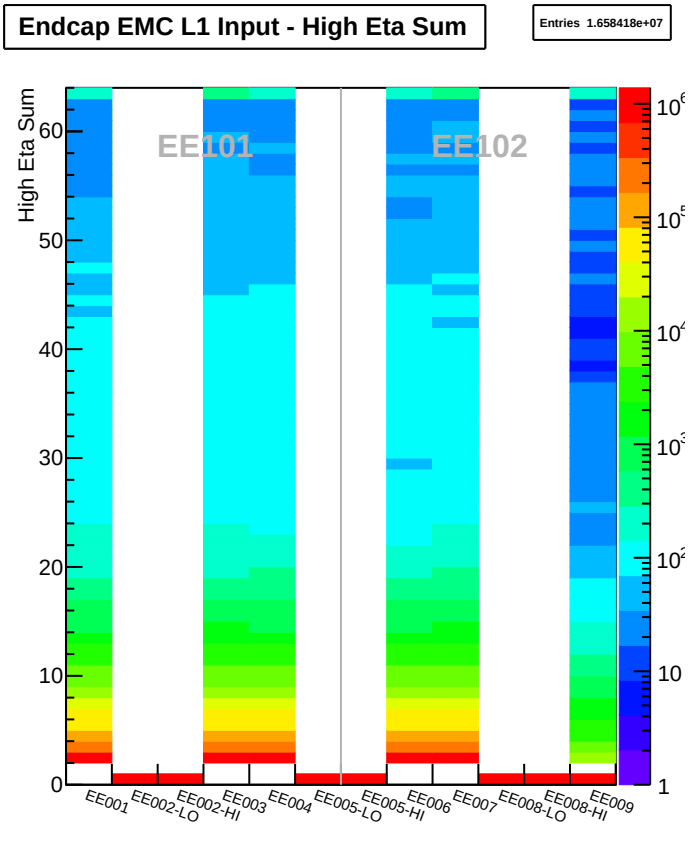

Barrel EMC L1 Input - High Tower Bits
Entries 60309
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

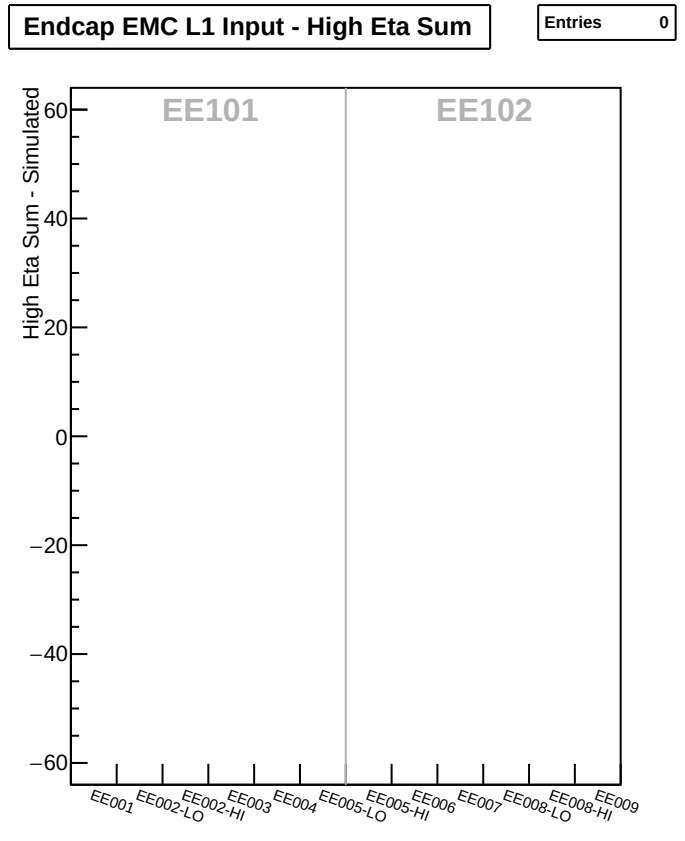

Barrel EMC L1 Input - HT.TP Bit
Entries 4.975254e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

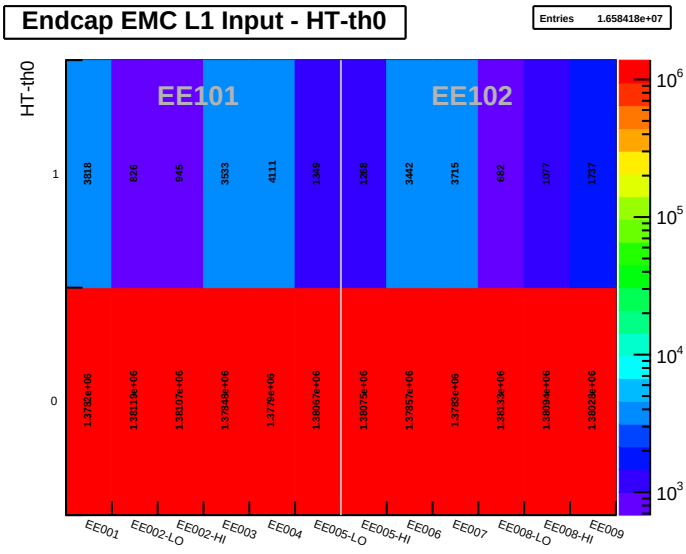

Barrel EMC L1 Input - High Tower Bits
Entries 59680
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

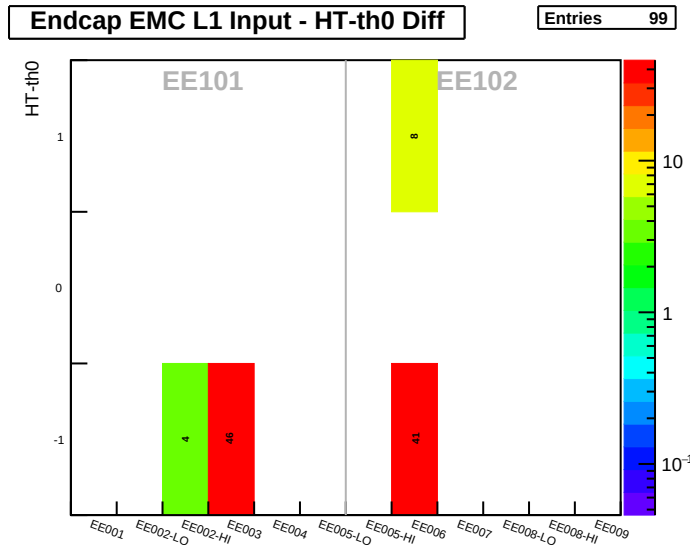

Endcap EMC L1 Input - Low Eta Sum
Entries 1.658418e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

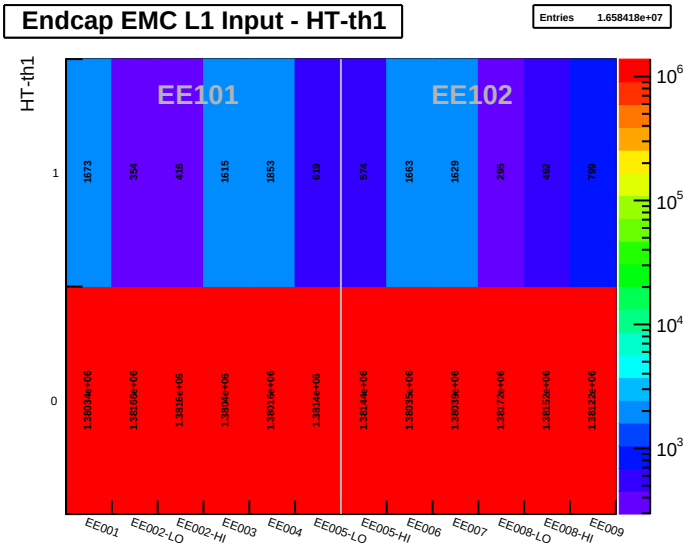

Endcap EMC L1 Input - Low Eta Sum
Entries 418411
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

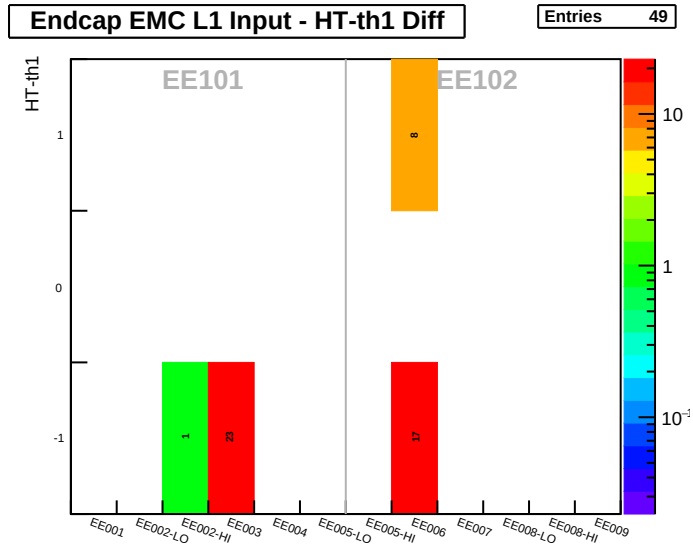

Endcap EMC L1 Input - High Eta Sum
Entries 1.658418e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

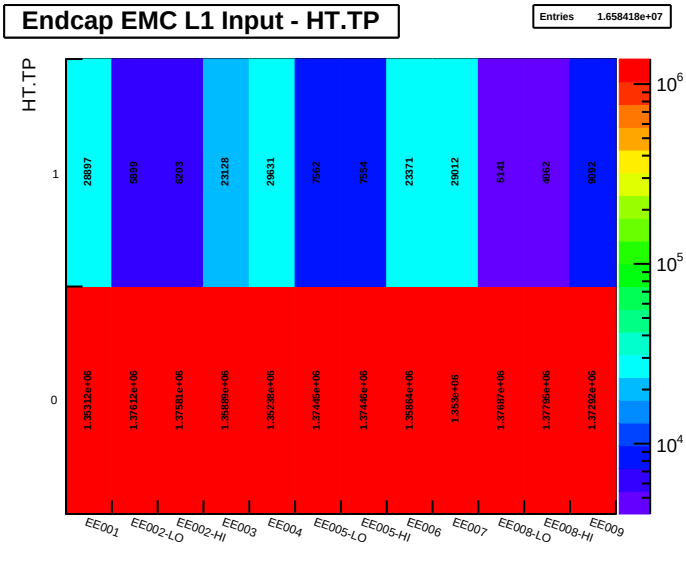

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

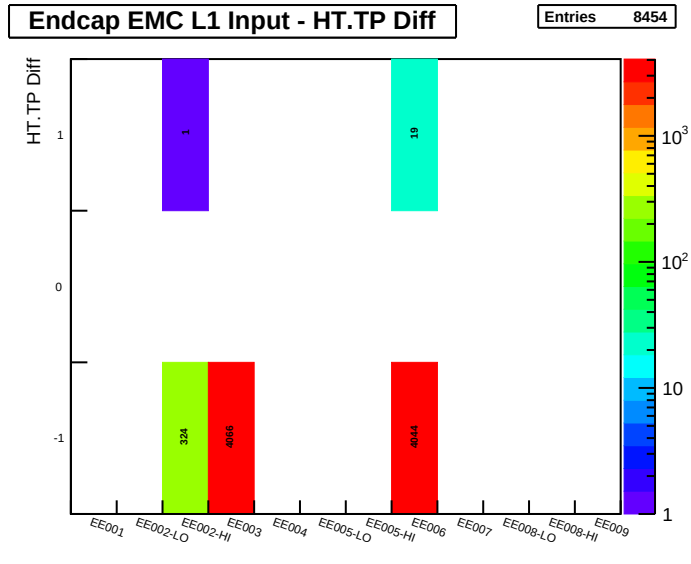

Endcap EMC L1 Input - HT-th0
Entries 1.658418e+07
HT-th0
EE101
EE102
3818 826 945 3533 4111 1349 1268 3442 3715 682 1077 1737
1.3782e+06 1.38119e+06 1.38107e+06 1.37849e+06 1.3779e+06 1.38067e+06 1.38075e+06 1.37857e+06 1.3783e+06 1.38133e+06 1.38094e+06 1.38028e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

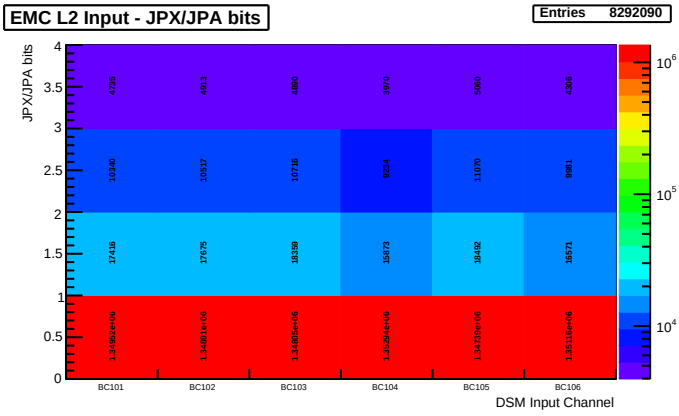

Endcap EMC L1 Input - HT-th0 Diff
Entries 99
HT-th0
EE101
EE102
8
4 46 41
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

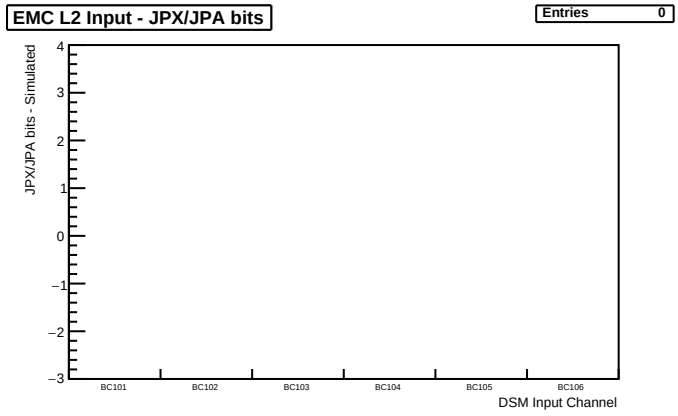

Endcap EMC L1 Input - HT-th1
Entries 1.658418e+07
HT-th1
EE101
EE102
1673 354 416 1615 1853 619 574 1663 1629 295 492 799
1.38034e+06 1.38156e+06 1.38316e+06 1.38304e+06 1.38016e+06 1.38014e+06 1.38144e+06 1.38035e+06 1.38039e+06 1.38172e+06 1.38152e+06 1.38122e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

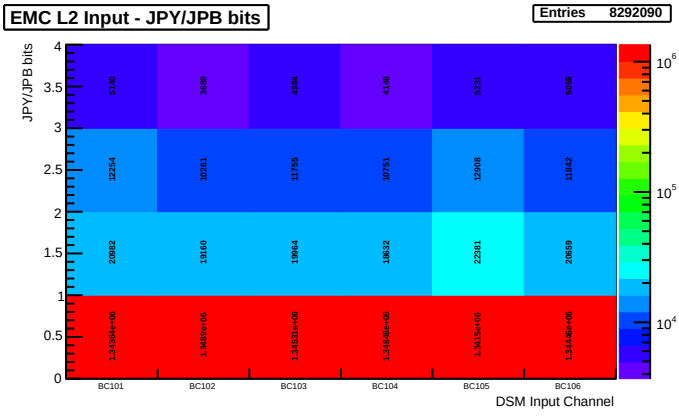

Endcap EMC L1 Input - HT-th1 Diff
Entries 49
HT-th1
EE101
EE102
8
1 23 17
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

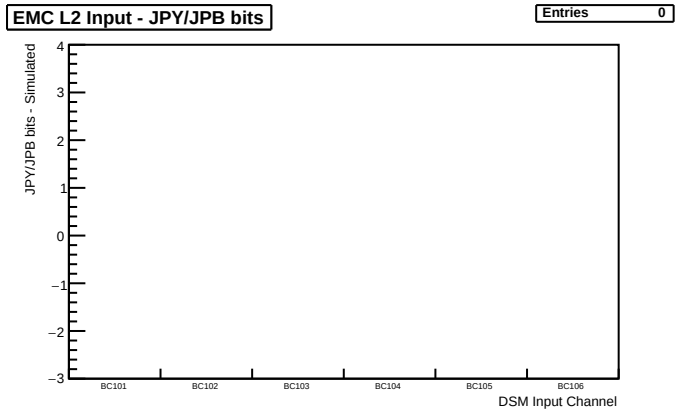

Endcap EMC L1 Input - HT.TP
Entries 1.658418e+07
HT.TP
28897 5699 6203 23128 29631 7562 7554 23371 29012 5141 4062 9092
1.35312e+06 1.37612e+05 1.37581e+06 1.35889e+06 1.35238e+06 1.37445e+06 1.37446e+06 1.35864e+06 1.3539e+06 1.37687e+06 1.37795e+06 1.37292e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

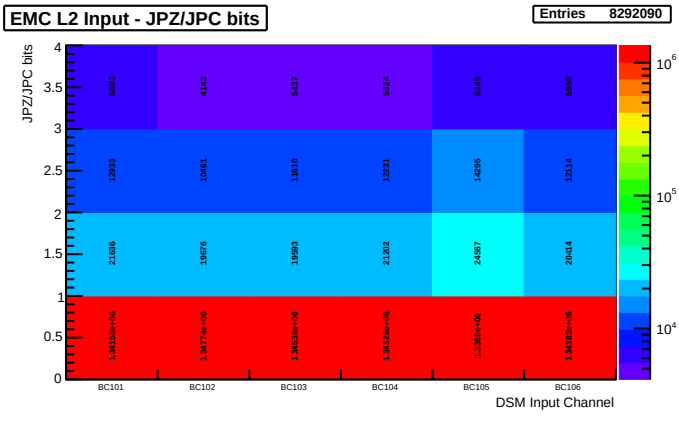

Endcap EMC L1 Input - HT.TP Diff
Entries 8454
HT.TP Diff
1
19
324 4066 4044
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

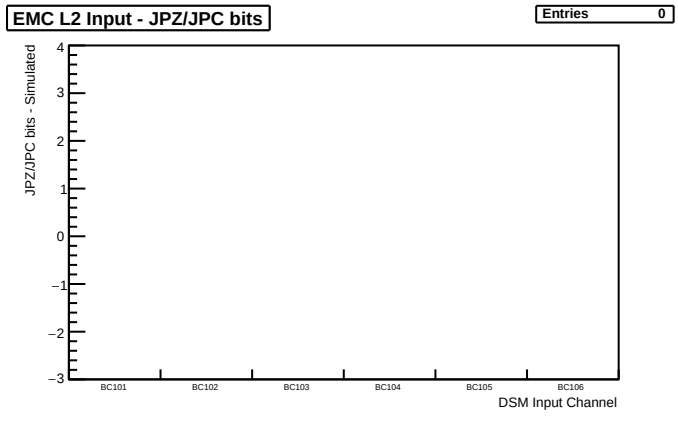

EMC L2 Input - JPX/JPA bits
Entries 8292090
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

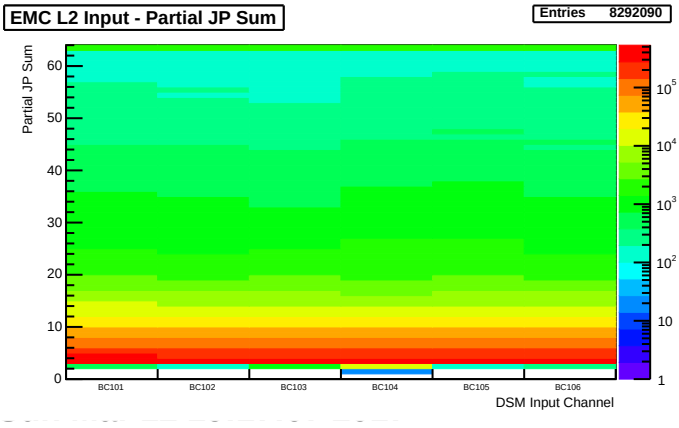

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

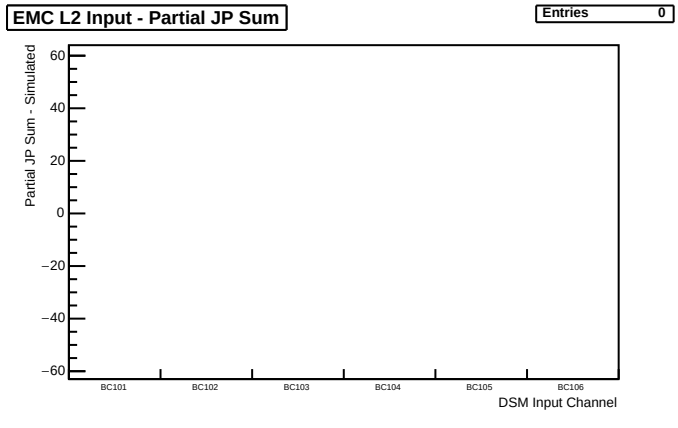

EMC L2 Input - JPY/JPB bits
Entries 8292090
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

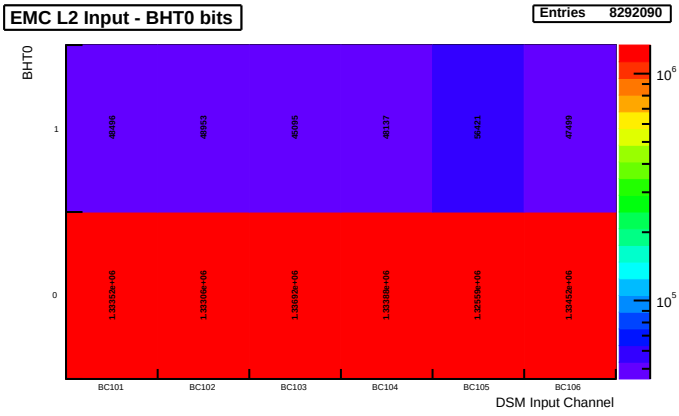

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

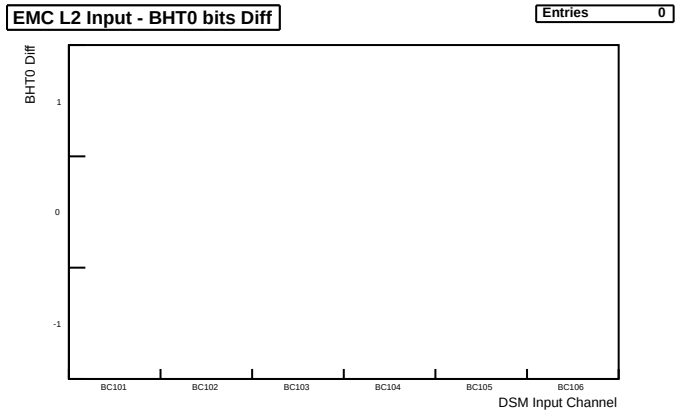

EMC L2 Input - JPZ/JPC bits
Entries 8292090
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

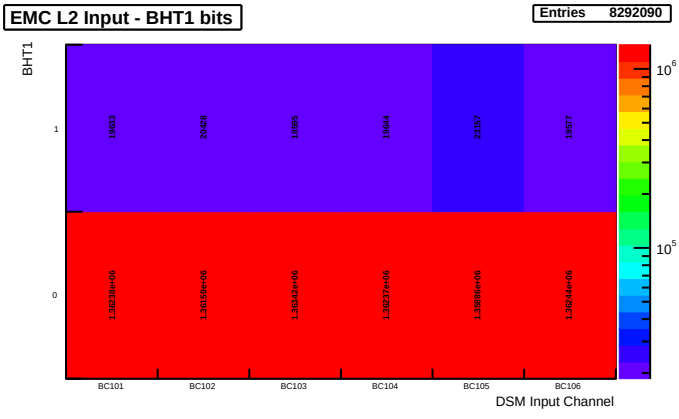

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

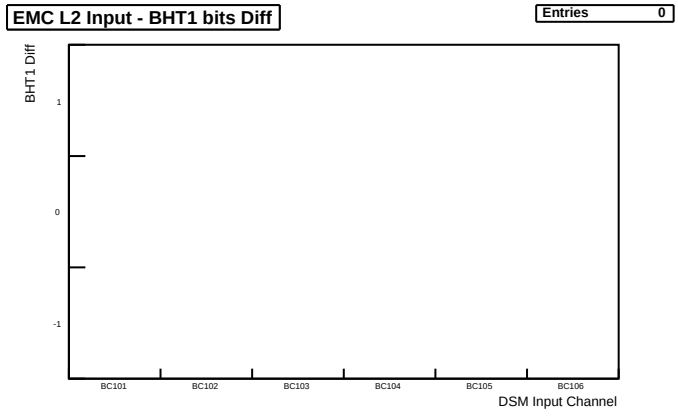

EMC L2 Input - Partial JP Sum
Entries 8292090
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

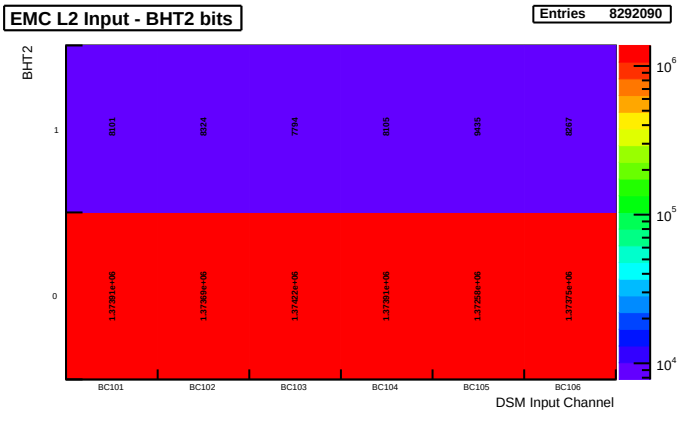

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

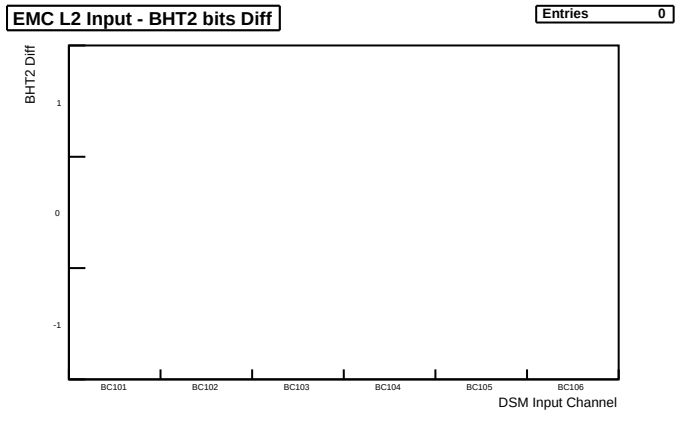

EMC L2 Input - BHT0 bits
Entries 8292090
BHT0
1
0
48498
49953
45905
49137
56421
47499
1.33352e+06
1.33306e+06
1.33692e+06
1.33338e+06
1.32959e+06
1.33452e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

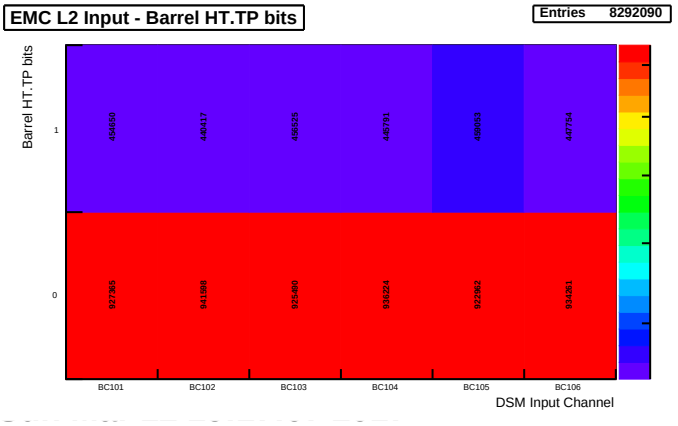

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

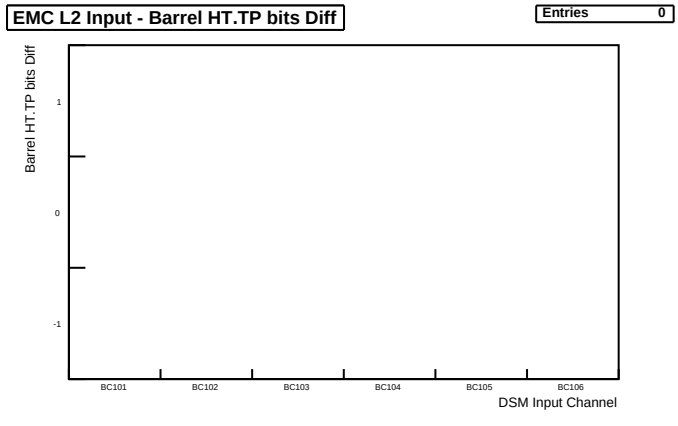

EMC L2 Input - BHT1 bits
Entries 8292090
BHT1
1
0
19833
20428
19595
19944
23157
19577
1.36238e+06
1.36159e+06
1.36342e+06
1.36277e+06
1.35986e+06
1.36244e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

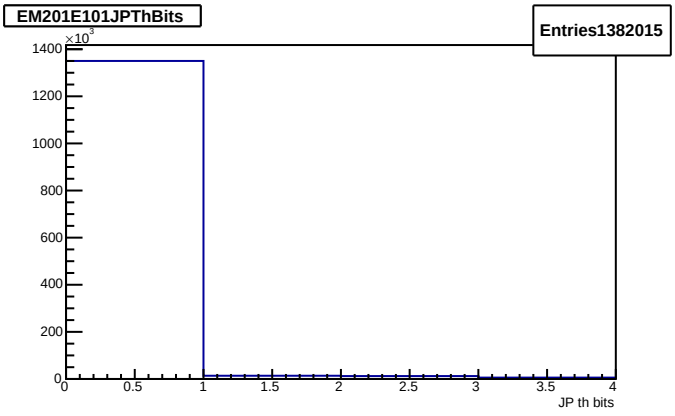

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

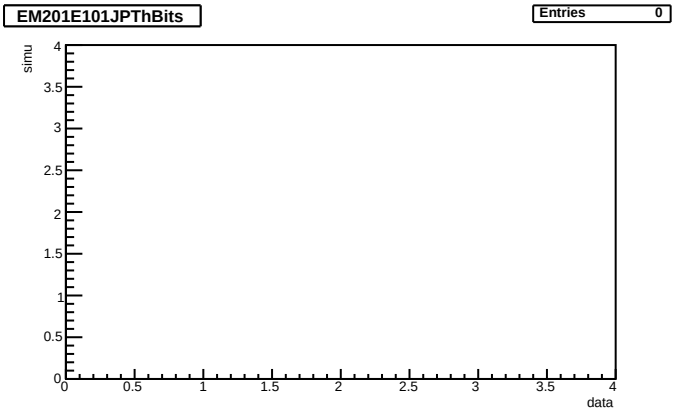

EMC L2 Input - BHT2 bits
Entries 8292090
BHT2
1
0
8101
8324
7794
8105
9435
8267
1.37391e+06
1.37359e+06
1.37422e+06
1.37391e+06
1.37258e+06
1.37375e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5
10^4

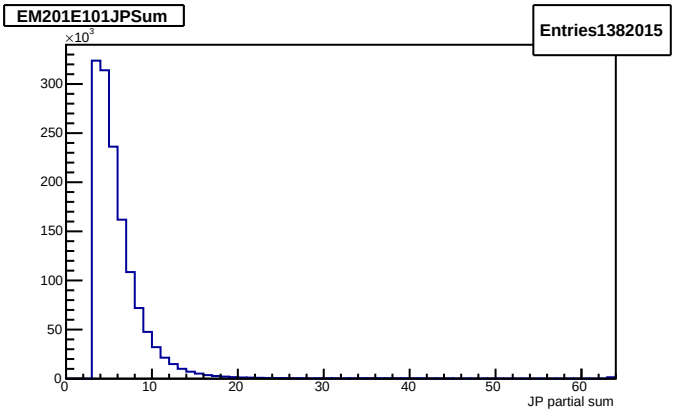

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

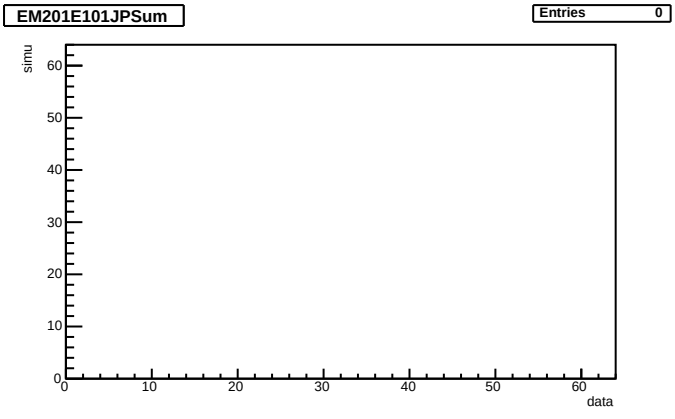

EMC L2 Input - Barrel HT.TP bits
Entries 8292090
Barrel HT.TP bits
1
0
454650
449417
456525
456791
459653
447754
927985
941598
925490
936224
922962
934851
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

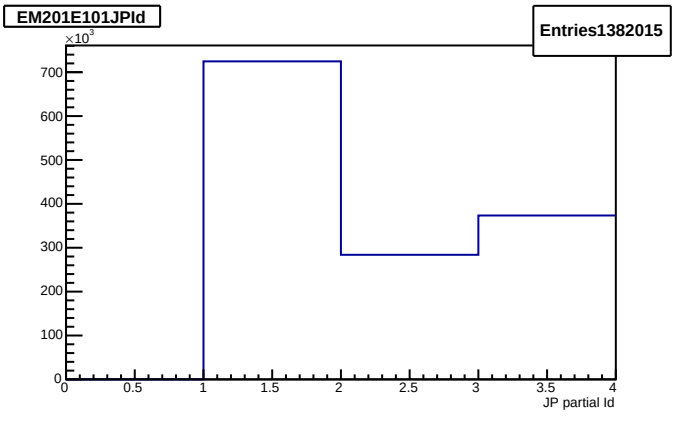

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

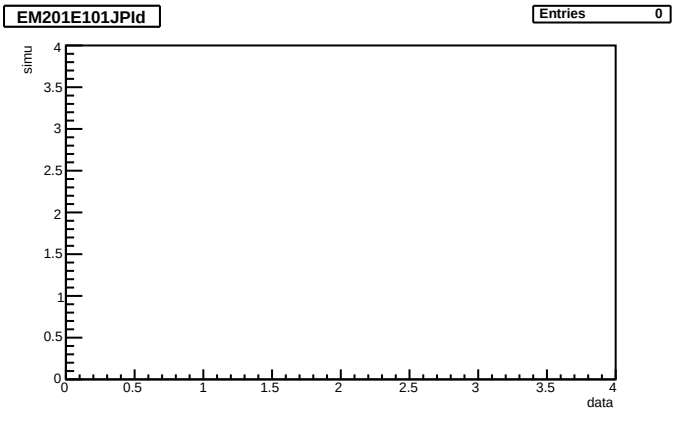

EM201E101JPThBits
Entries1382015
×10^3
JP th bits

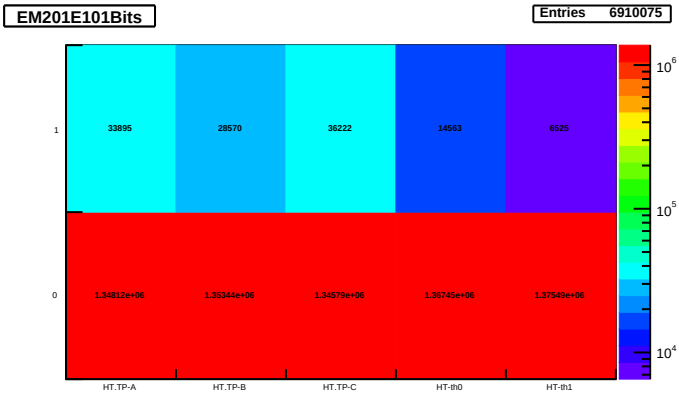

EM201E101JPThBits
Entries 0
simu
data

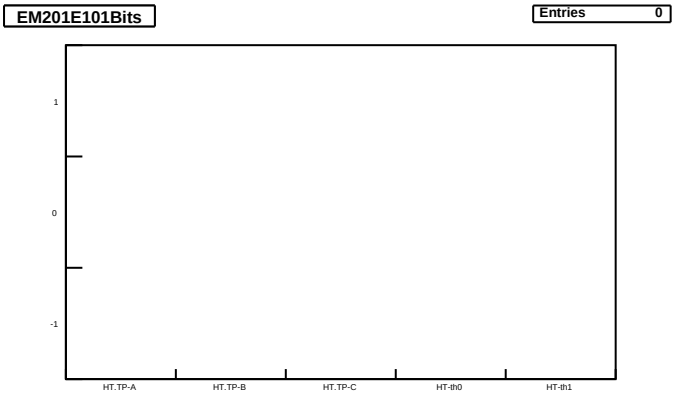

EM201E101JPSum
Entries1382015
×10^3
JP partial sum

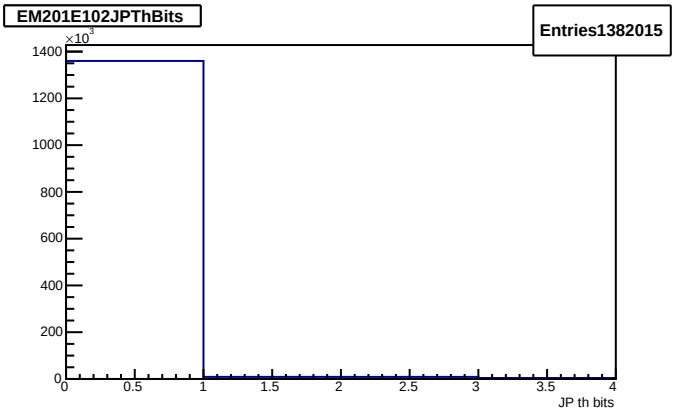

EM201E101JPSum
Entries 0
simu
data

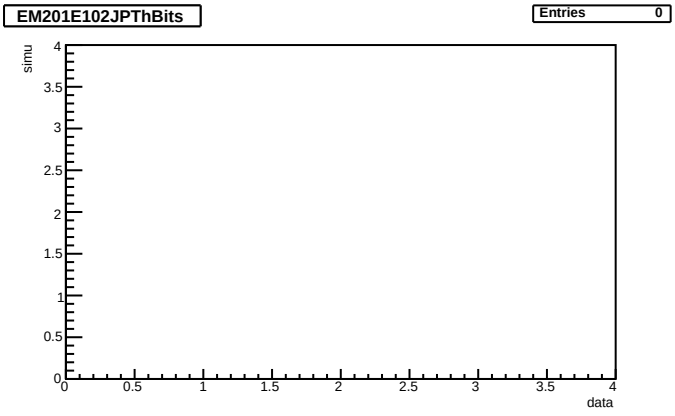

EM201E101JPId
Entries1382015
×10^3
JP partial Id

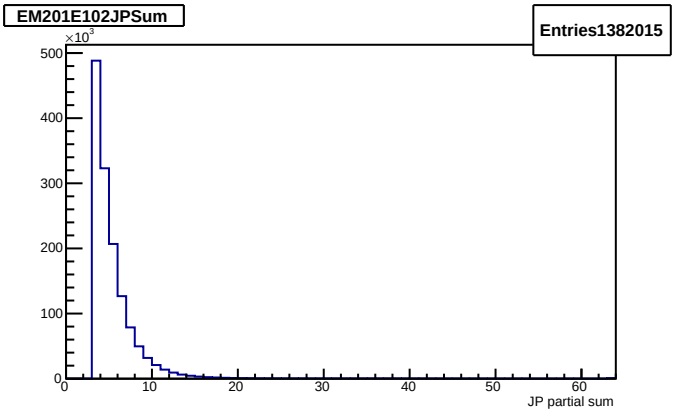

EM201E101JPId
Entries 0
simu
data

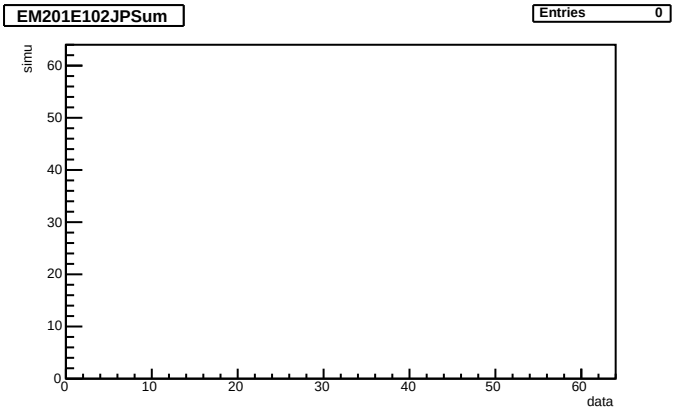

EM201E101Bits
Entries 6910075
33895
28570
36222
14563
6525
1.34812e+06
1.35344e+06
1.34579e+06
1.36745e+06
1.37549e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

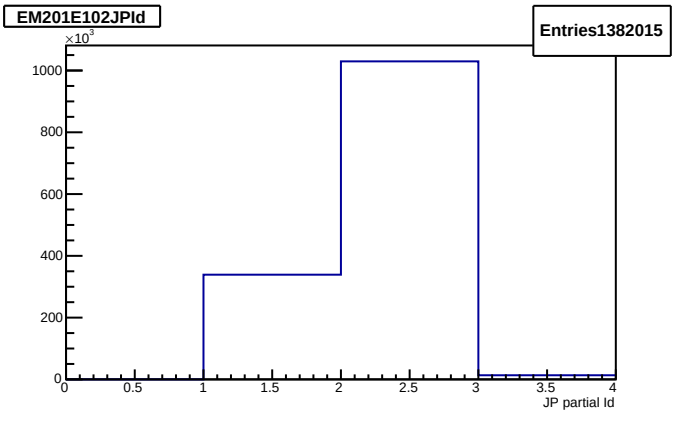

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

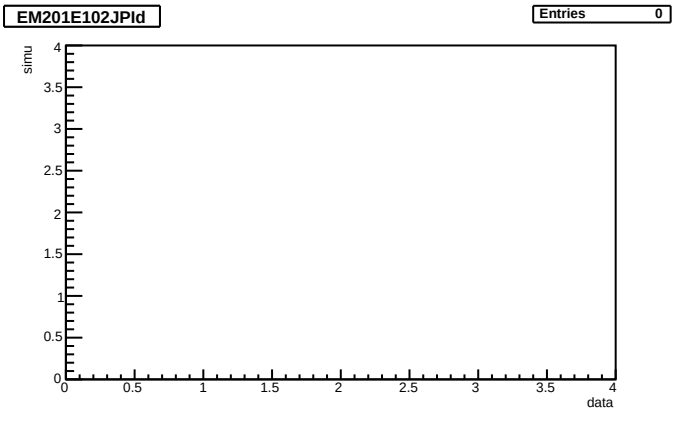

EM201E102JPThBits
Entries1382015
×10^3
JP th bits

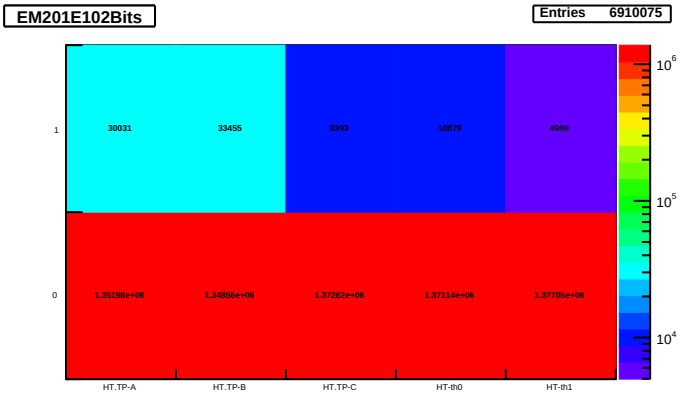

EM201E102JPThBits
Entries 0
simu
data

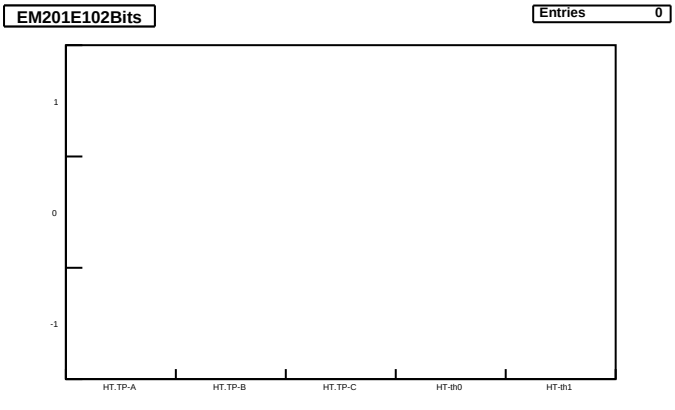

EM201E102JPSum
Entries1382015
×10^3
JP partial sum

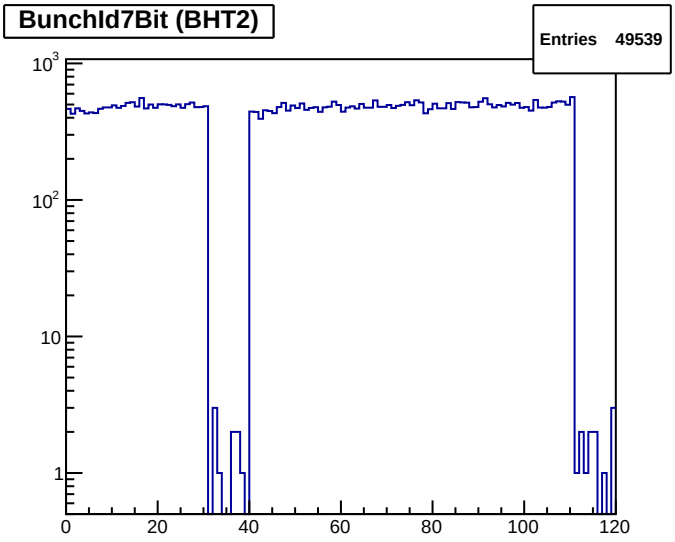

EM201E102JPSum
Entries 0
simu
data

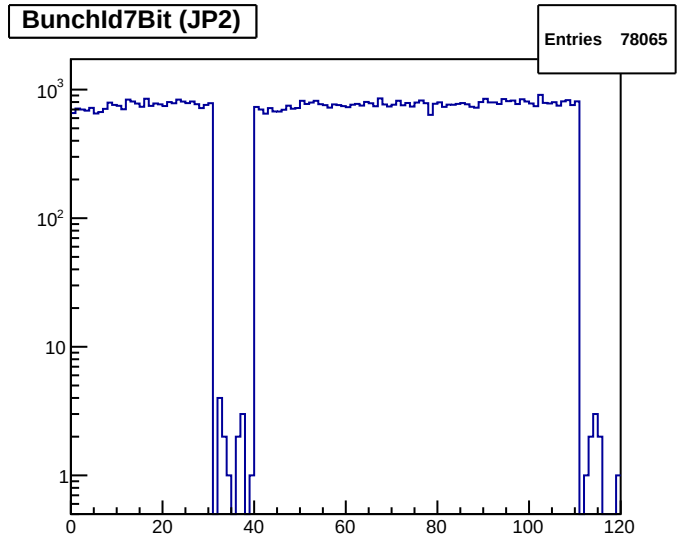

EM201E102JPId
Entries1382015
×10^3
JP partial Id

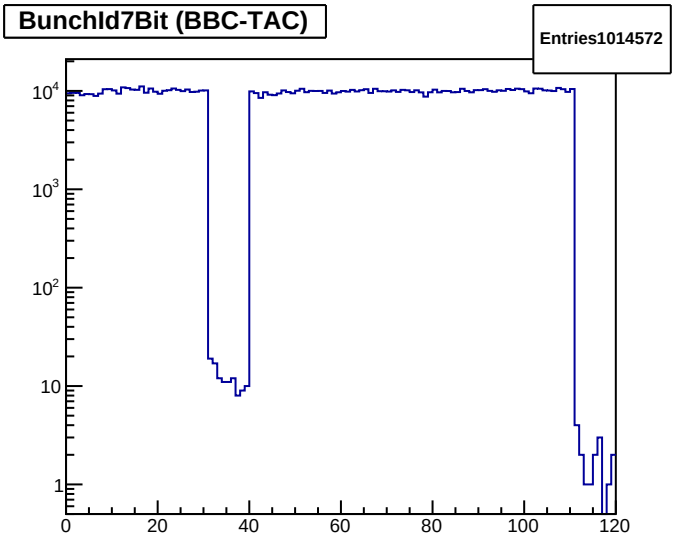

EM201E102JPId
Entries 0
simu
data

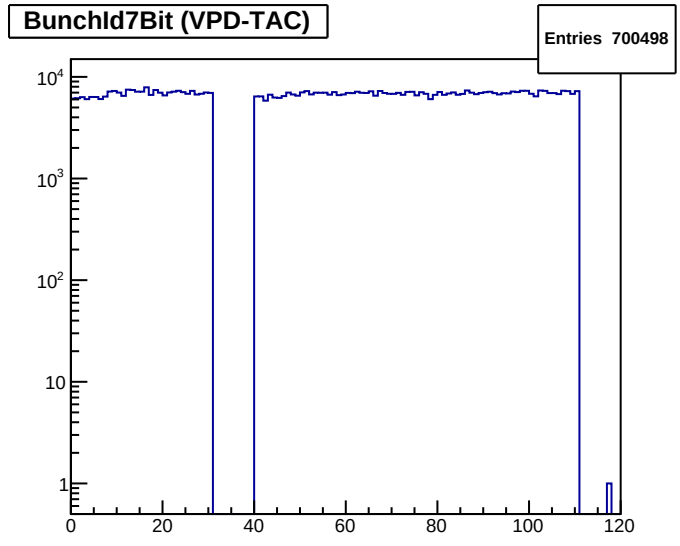

EM201E102Bits
Entries 6910075
30031
33455
9393
10878
4969
1.35198e+06
1.34856e+06
1.37262e+06
1.37114e+06
1.37705e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

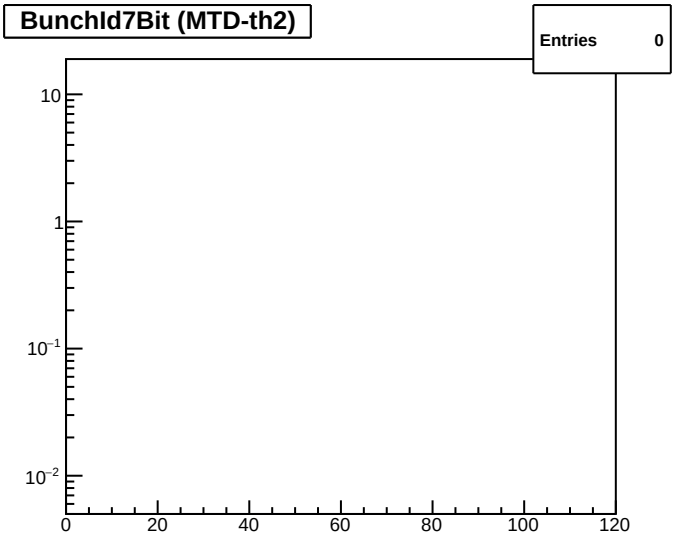

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

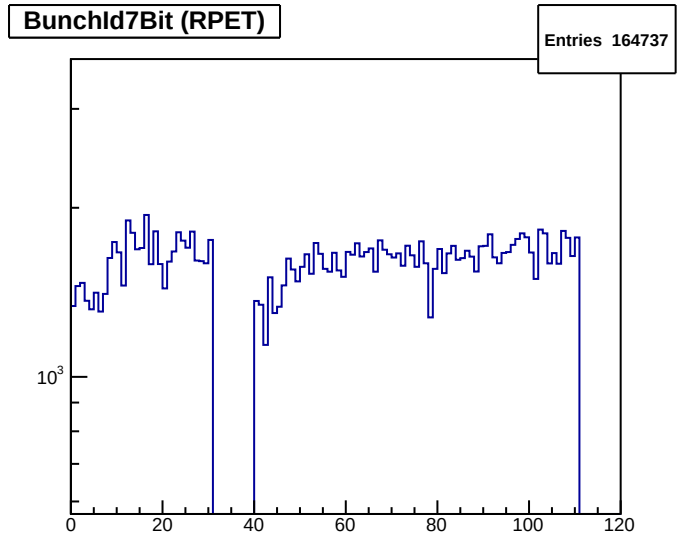

BunchId7Bit (BHT2)
Entries 49539

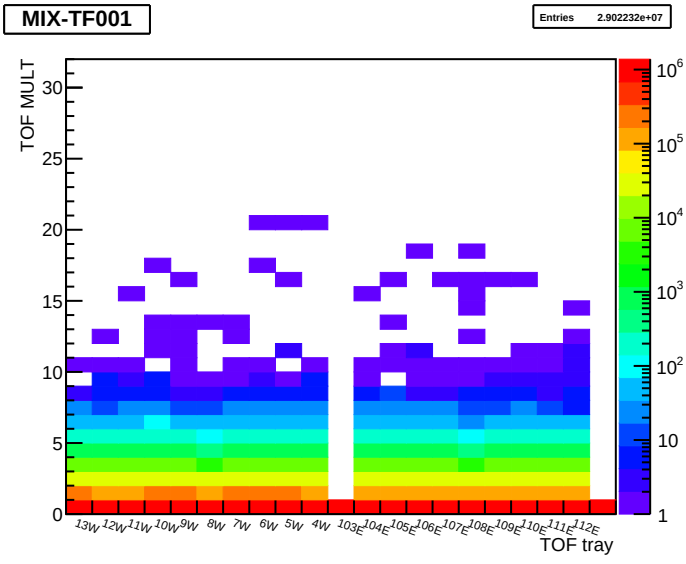

BunchId7Bit (JP2)
Entries 78065

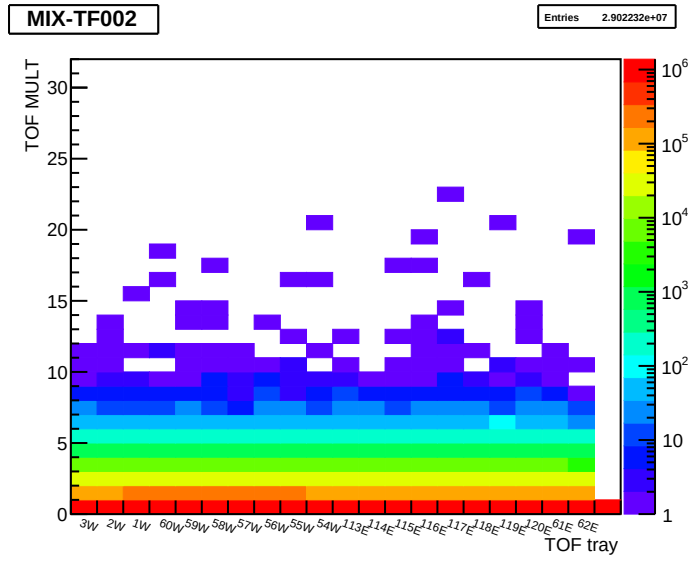

BunchId7Bit (BBC-TAC)
Entries1014572

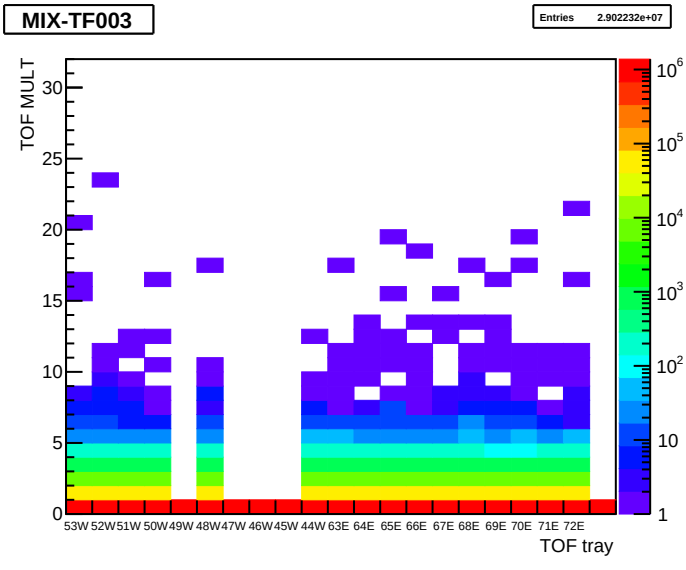

BunchId7Bit (VPD-TAC)
Entries 700498

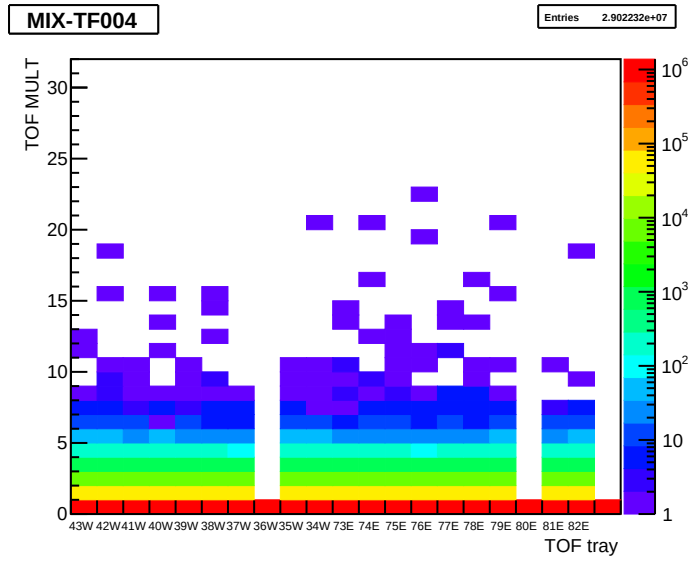

BunchId7Bit (MTD-th2)
Entries 0

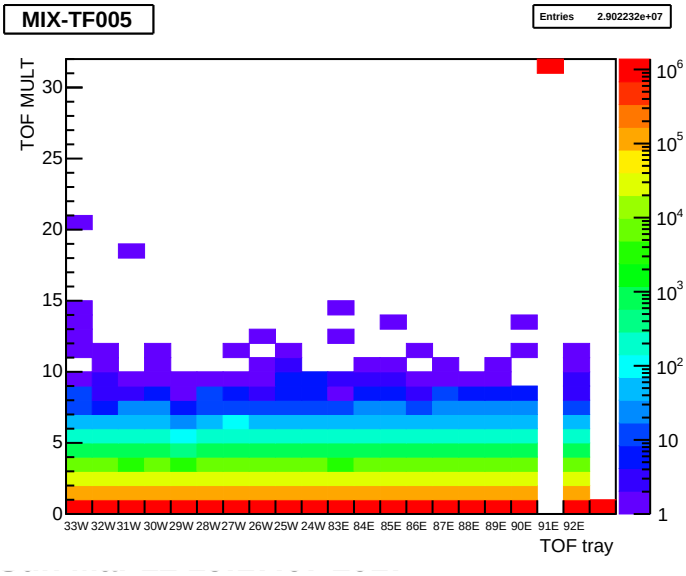

BunchId7Bit (RPET)
Entries 164737

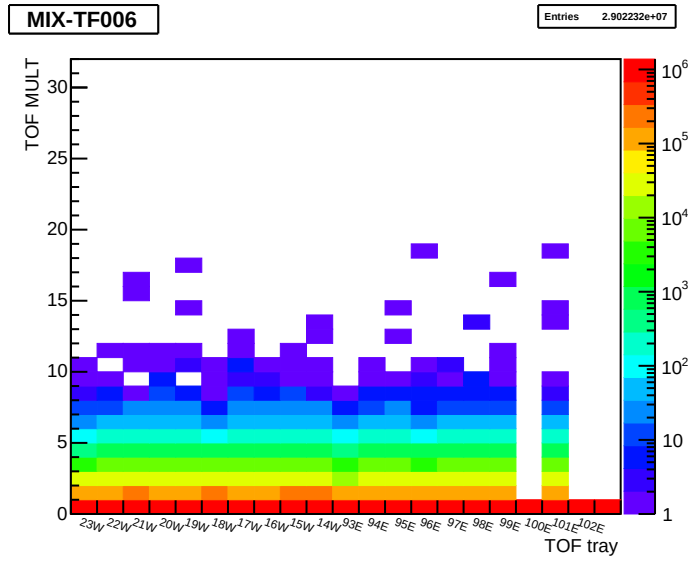

MIX-TF001
Entries 2.902232e+07
TOF MULT
TOF tray

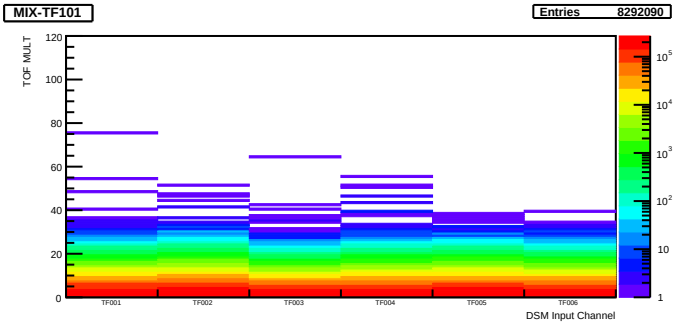

MIX-TF002
Entries 2.902232e+07
TOF MULT
TOF tray

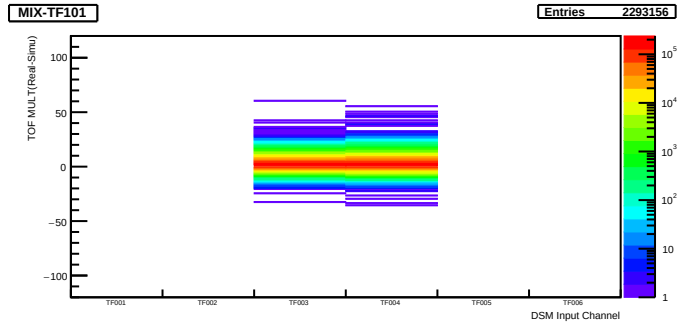

MIX-TF003
Entries 2.902232e+07
TOF MULT
TOF tray

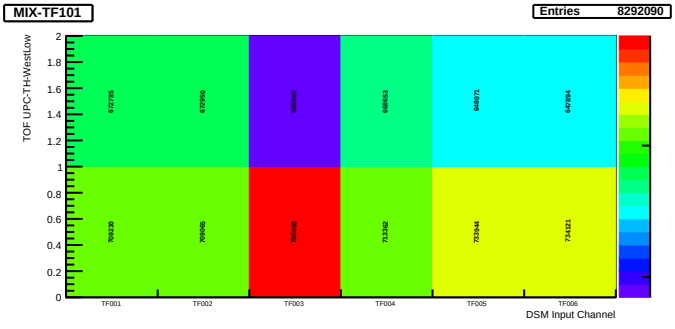

MIX-TF004
Entries 2.902232e+07
TOF MULT
TOF tray

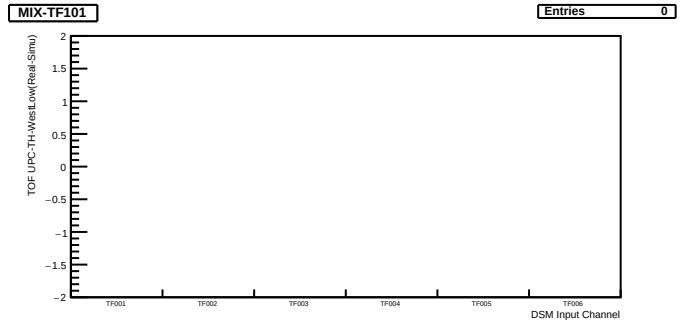

MIX-TF005
Entries 2.902232e+07
TOF MULT
TOF tray

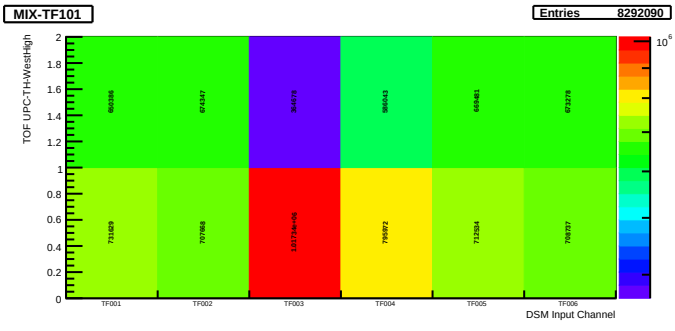

MIX-TF006
Entries 2.902232e+07
TOF MULT
TOF tray

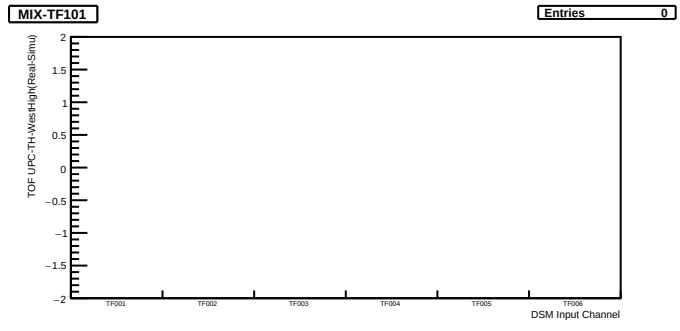

MIX-TF101
Entries 8292090
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

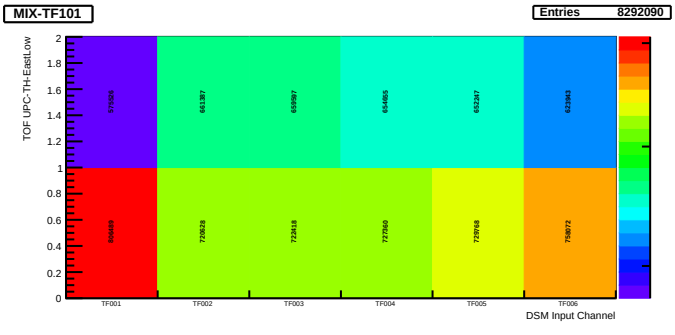

MIX-TF101
Entries 2293156
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

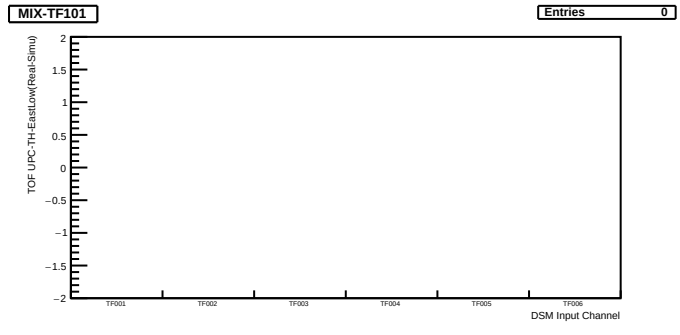

MIX-TF101
Entries 8292090
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

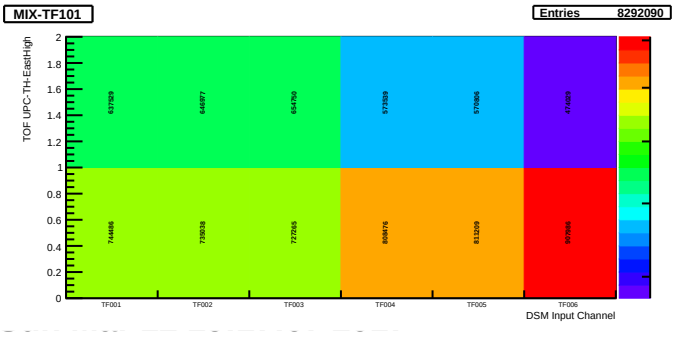

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

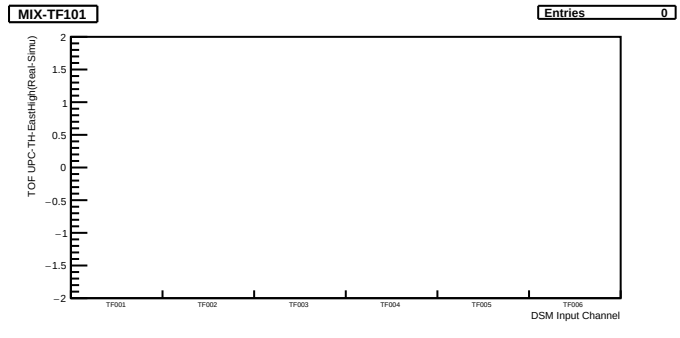

MIX-TF101
Entries 8292090
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

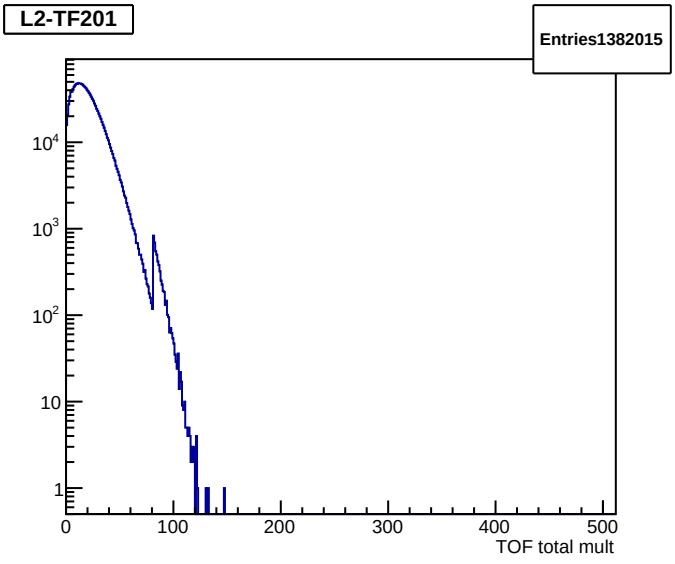

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

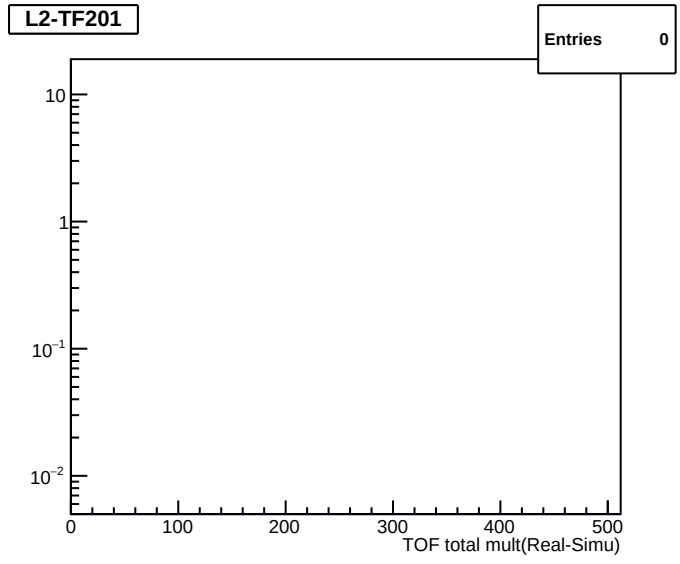

MIX-TF101
Entries 8292090
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

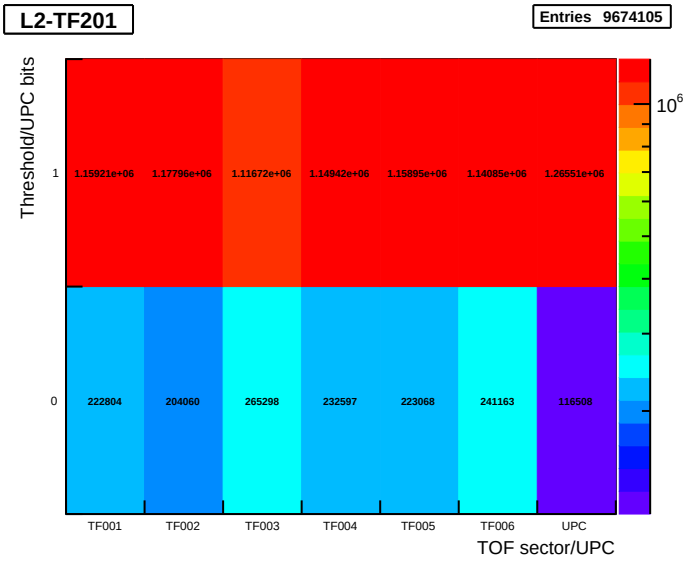

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

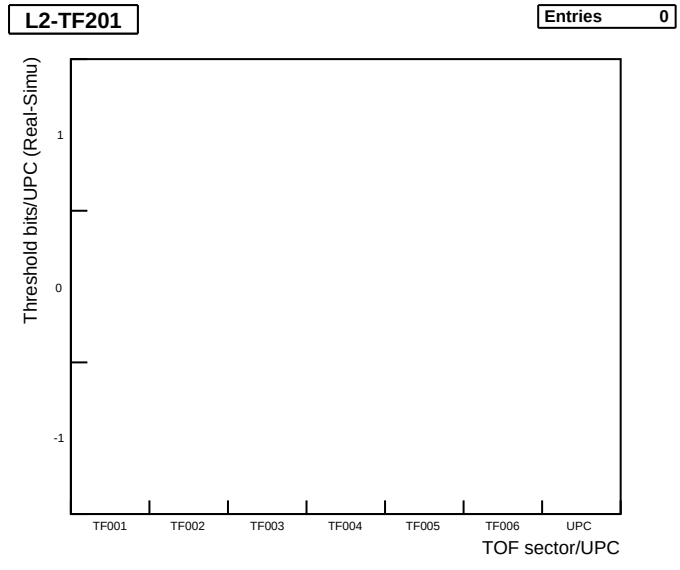

MIX-TF101
Entries 8292090
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

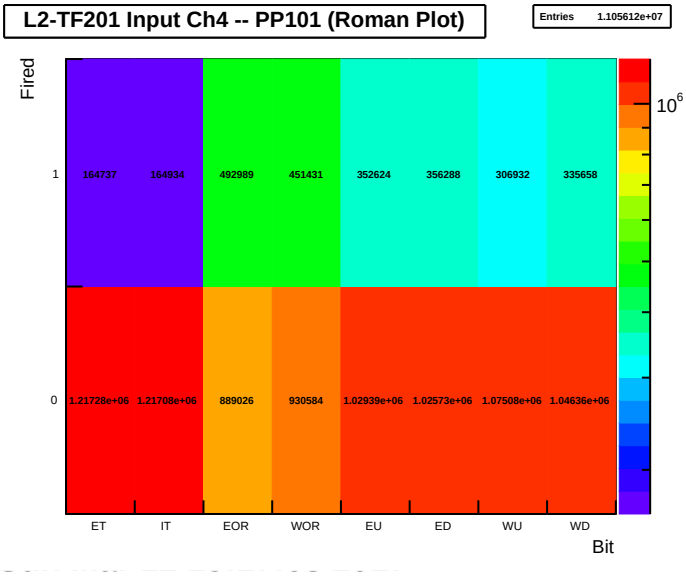

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

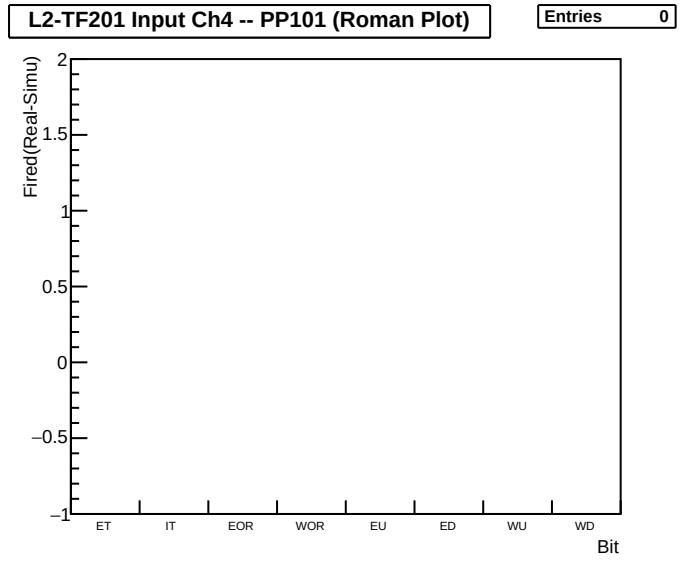

L2-TF201
Entries1382015
TOF total mult

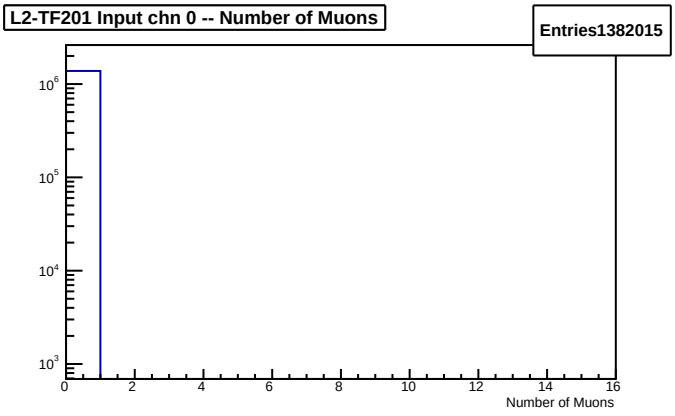

L2-TF201
Entries 0
TOF total mult(Real-Simu)

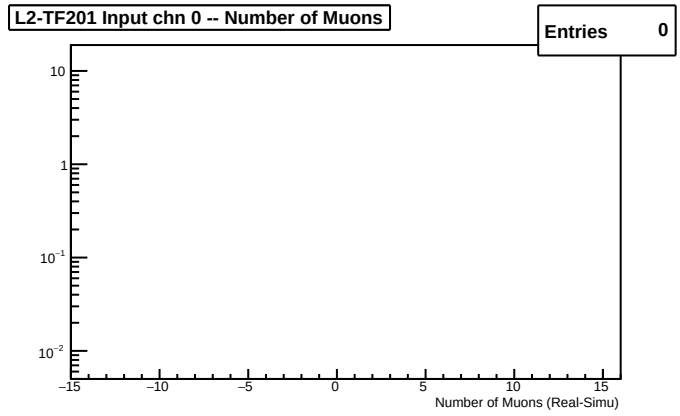

L2-TF201
Entries 9674105
Threshold/UPC bits
1.15921e+06
1.17796e+06
1.11672e+06
1.14942e+06
1.15895e+06
1.14085e+06
1.26551e+06
222804
204060
265298
232597
223068
241163
116508
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

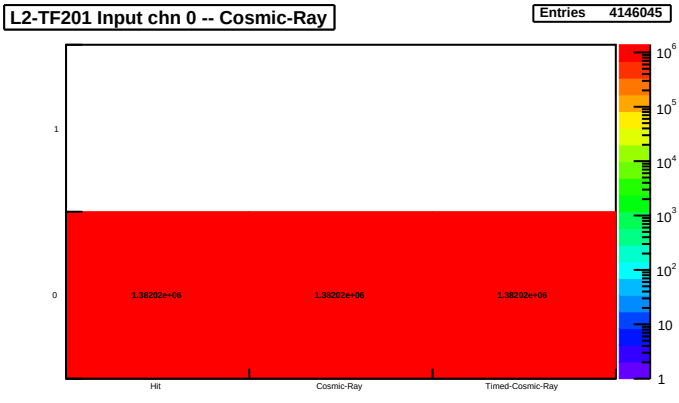

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

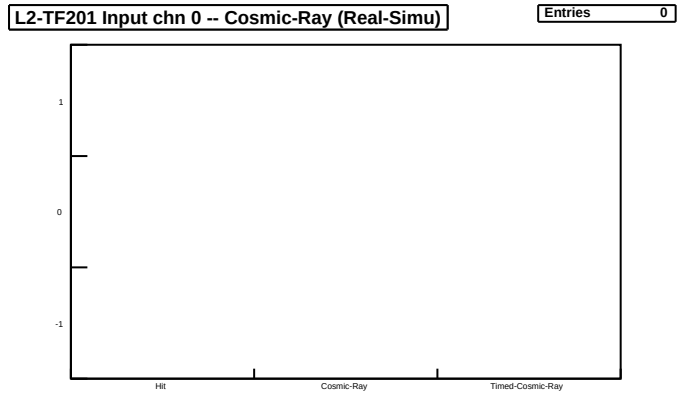

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 1.105612e+07
Fired
164737
164934
492989
451431
352624
356288
306932
335658
1.21728e+06
1.21708e+06
889026
930584
1.02939e+06
1.02573e+06
1.07508e+06
1.04636e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

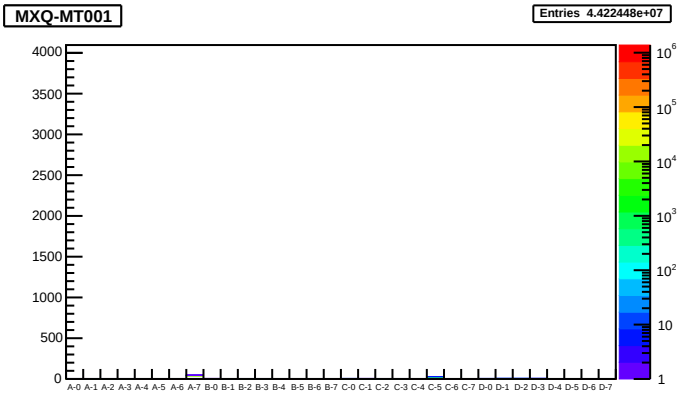

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

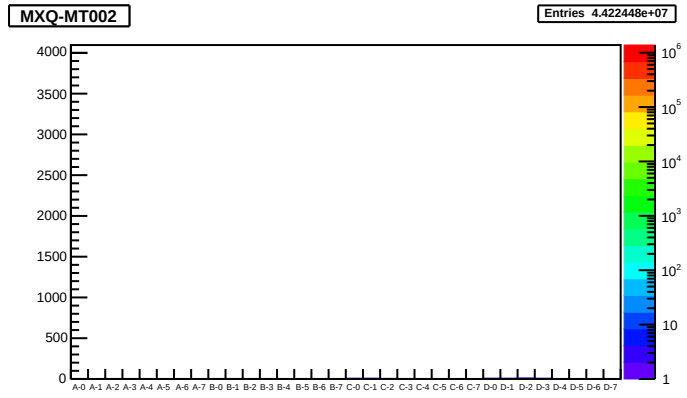

L2-TF201 Input chn 0 -- Number of Muons
Entries1382015
Number of Muons

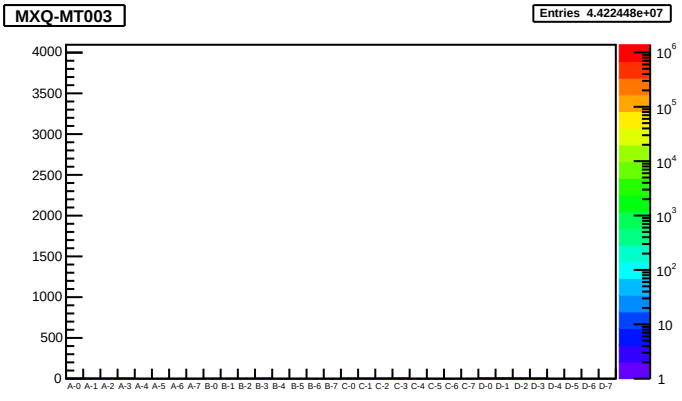

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)


L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 4146045
1.38202e+06
1.38202e+06
1.38202e+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 4.422448e+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 4.422448e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT003
Entries 4.422448e+07
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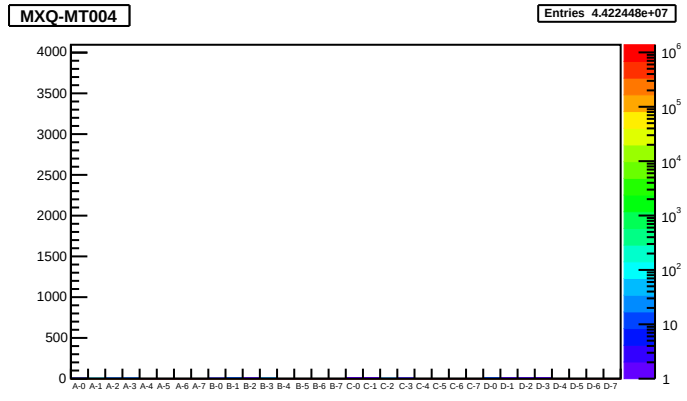
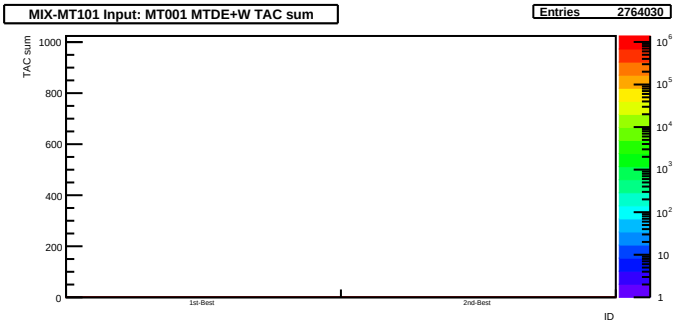
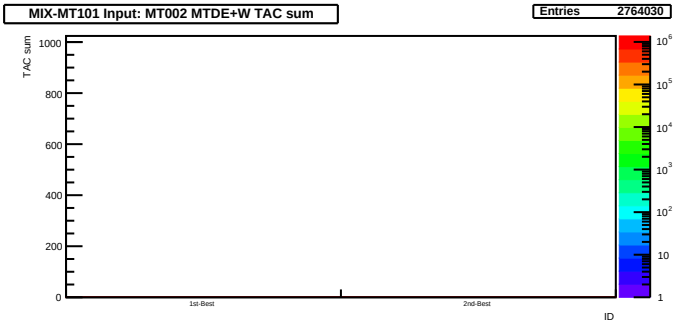
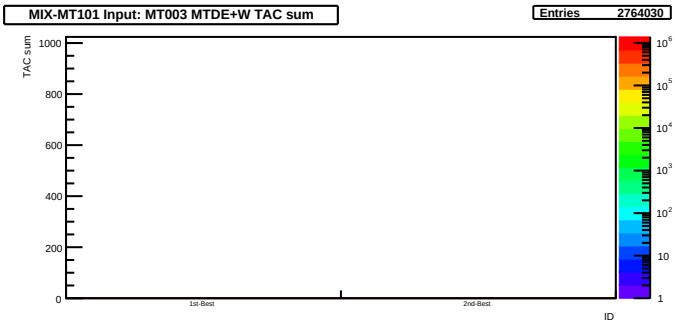
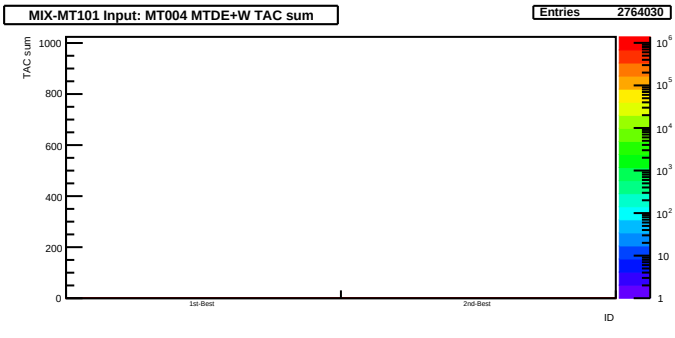
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

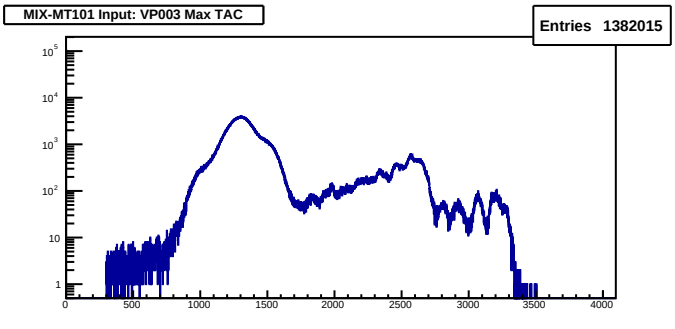

MXQ-MT004
Entries 4.422448e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

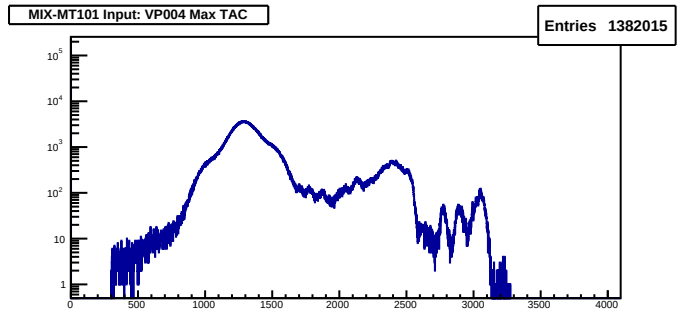

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 2764030
TAC sum
1st-Best
2nd-Best
ID

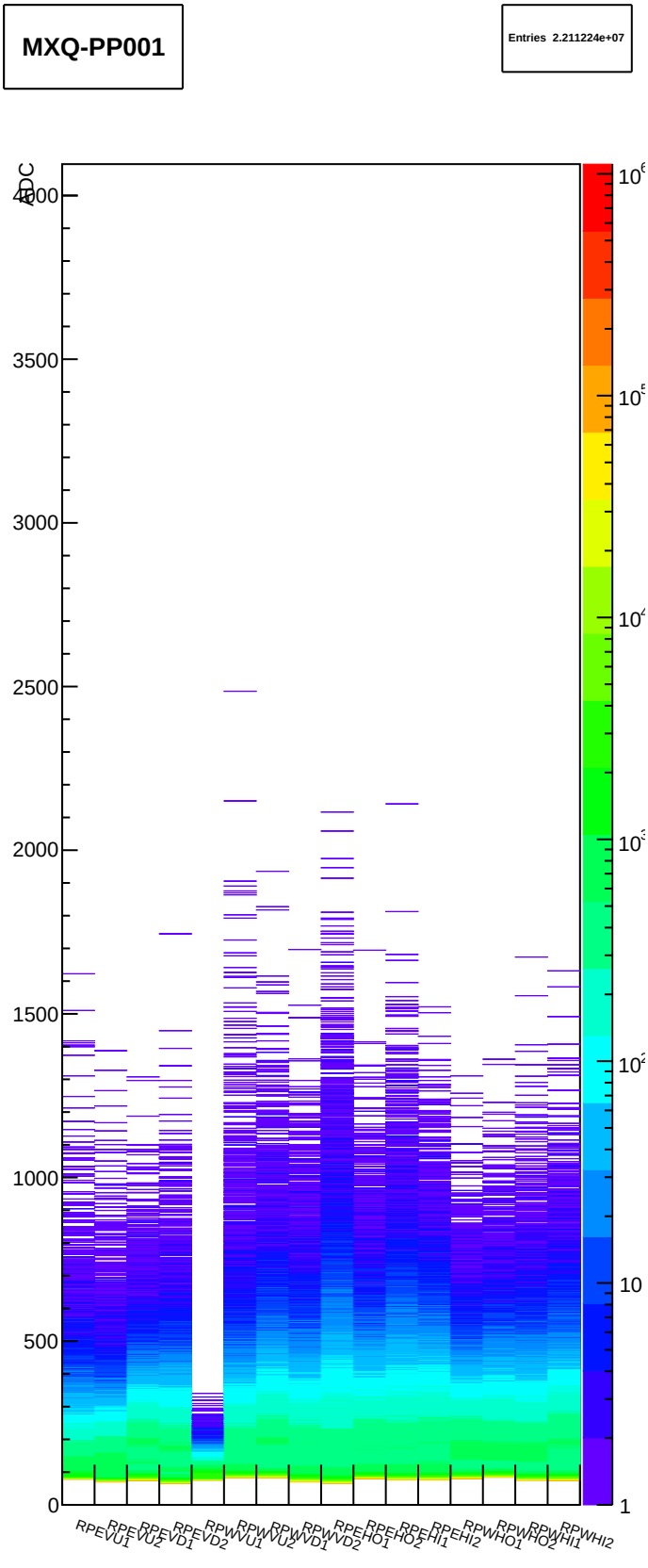

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 2764030
TAC sum
1st-Best
2nd-Best
ID

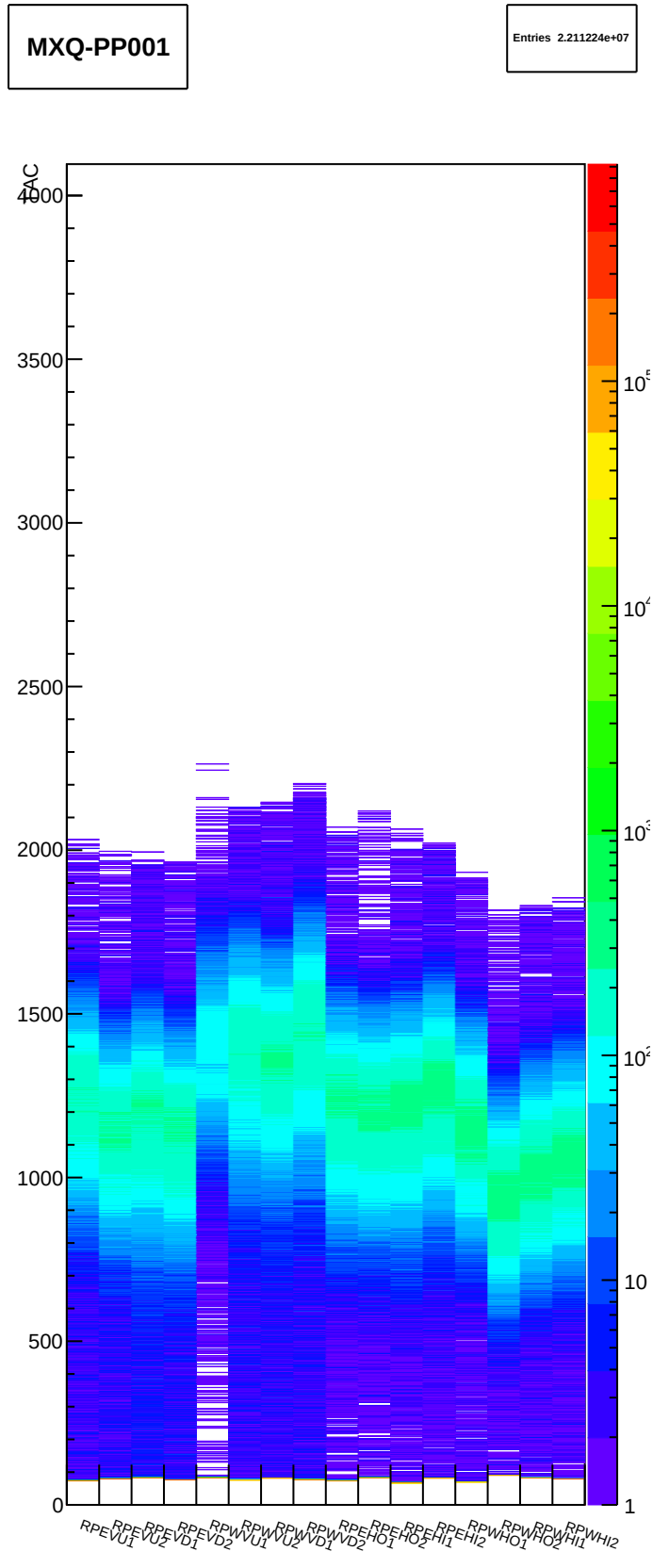

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 2764030
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 2764030
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: VP003 Max TAC
Entries 1382015


MIX-MT101 Input: VP004 Max TAC
Entries 1382015


MXQ-PP001
Entries 2.211224e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10


MXQ-PP001
Entries 2.211224e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
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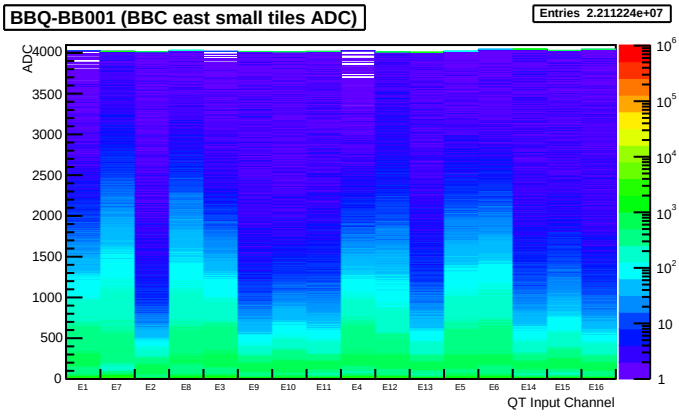
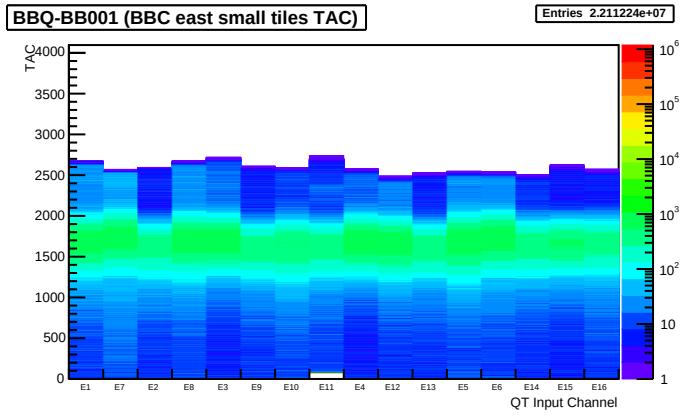
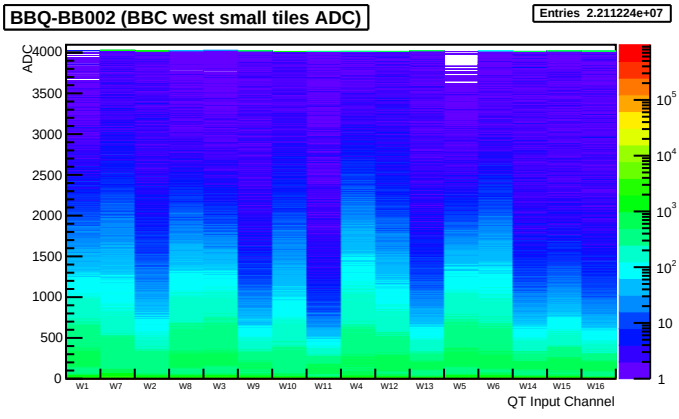
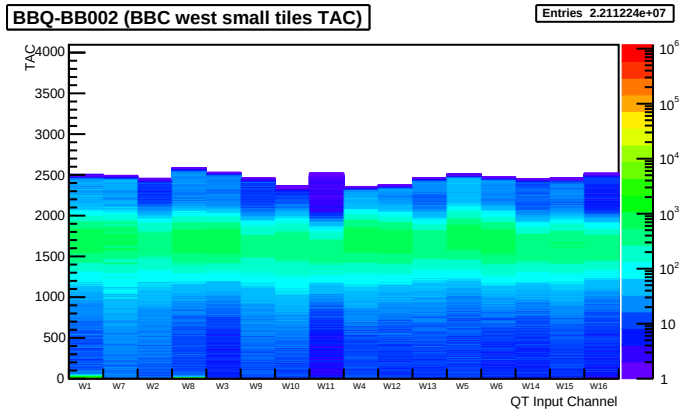
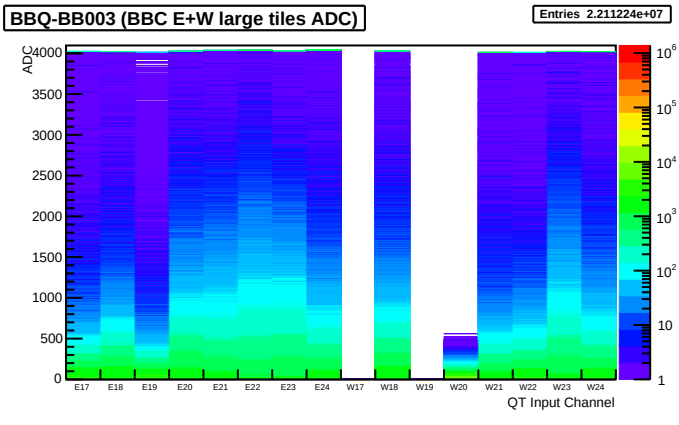
RPWHO2
RPWHI1
RPWHI2
1
10

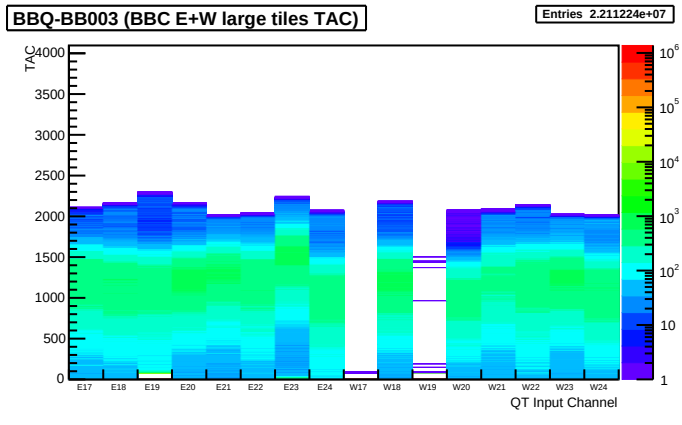

BBQ-BB001 (BBC east small tiles ADC)
Entries 2.211224e+07
ADC
QT Input Channel

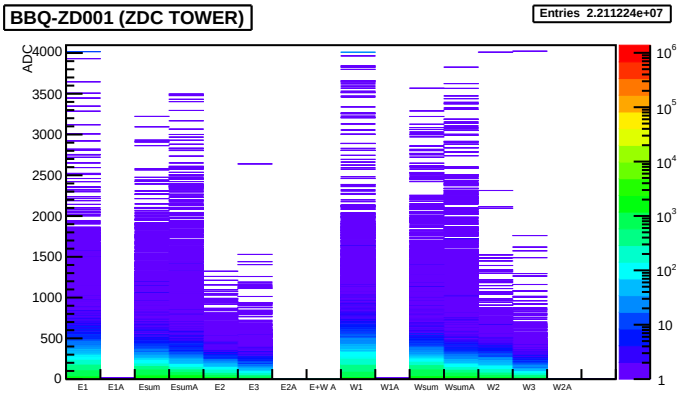

BBQ-BB001 (BBC east small tiles TAC)
Entries 2.211224e+07
TAC
QT Input Channel

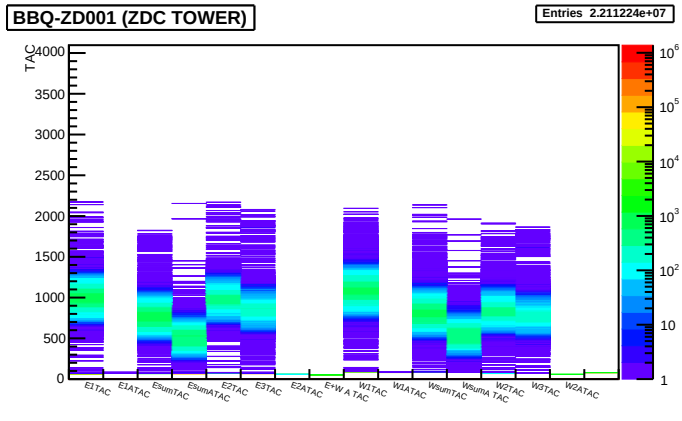

BBQ-BB002 (BBC west small tiles ADC)
Entries 2.211224e+07
ADC
QT Input Channel

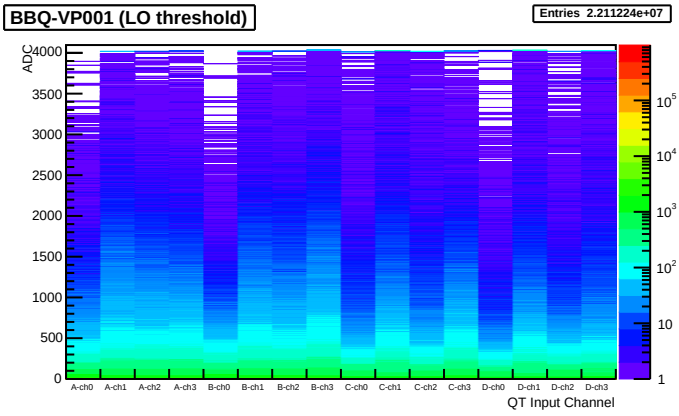

BBQ-BB002 (BBC west small tiles TAC)
Entries 2.211224e+07
TAC
QT Input Channel

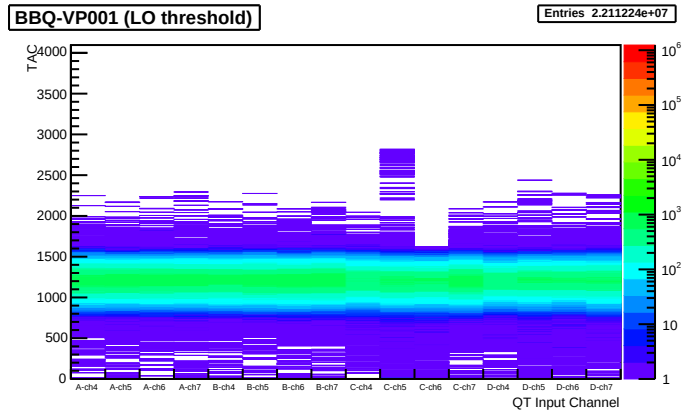

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 2.211224e+07
ADC
QT Input Channel

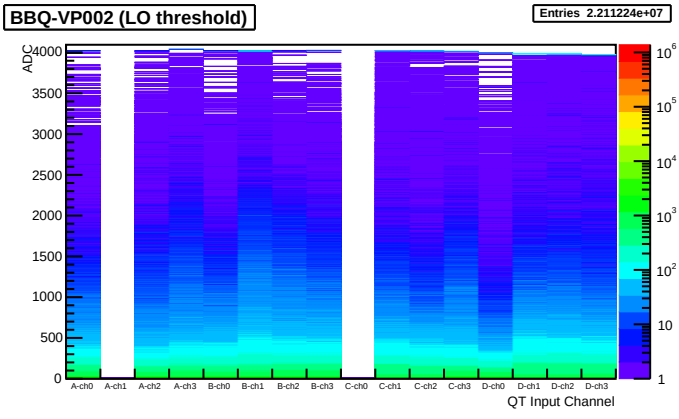

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 2.211224e+07
TAC
QT Input Channel

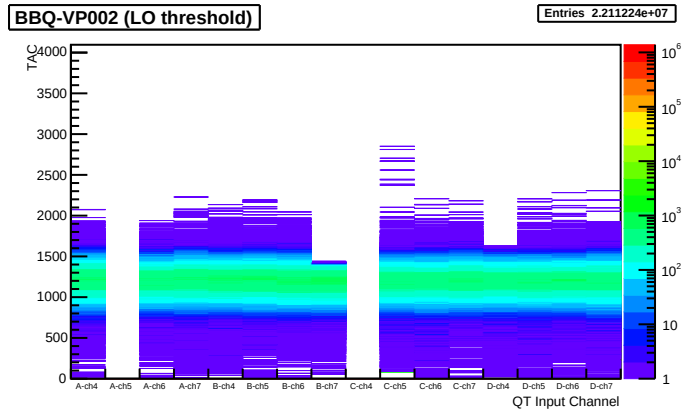

BBQ-ZD001 (ZDC TOWER)
Entries 2.211224e+07
ADC

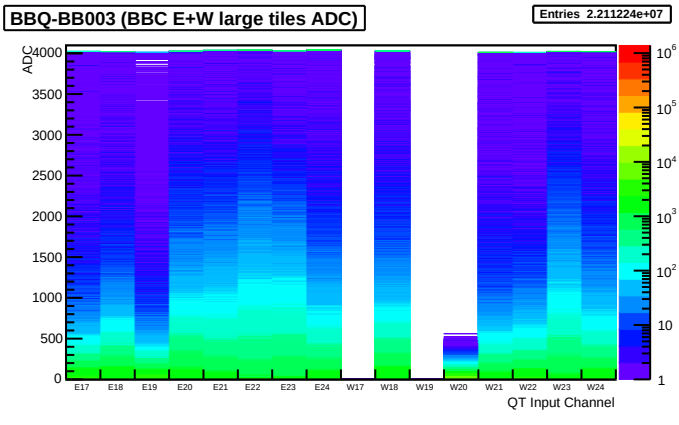

BBQ-ZD001 (ZDC TOWER)
Entries 2.211224e+07
TAC

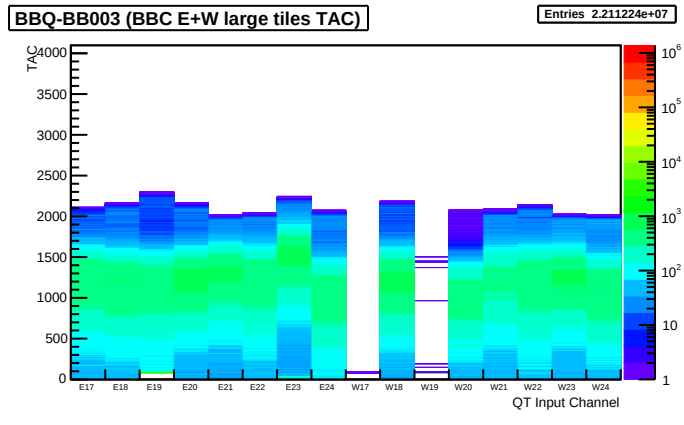

BBQ-VP001 (LO threshold)
Entries 2.211224e+07
ADC
QT Input Channel

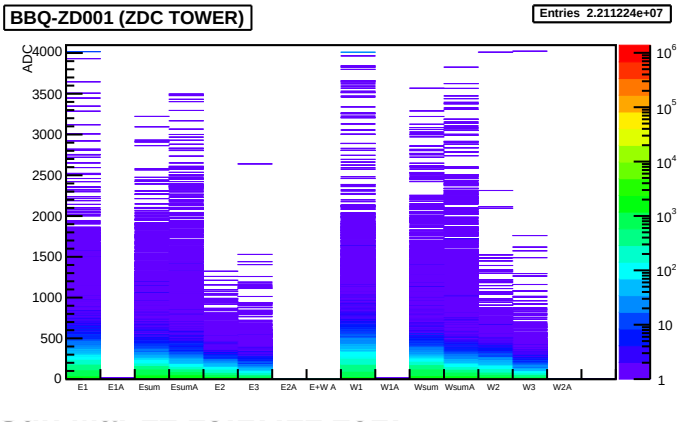

BBQ-VP001 (LO threshold)
Entries 2.211224e+07
TAC
QT Input Channel

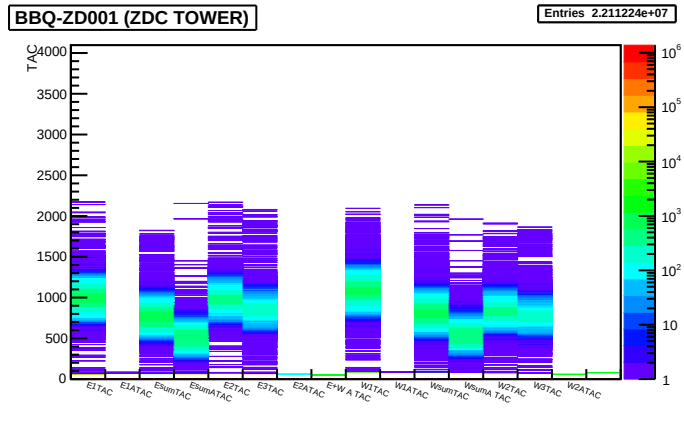

BBQ-VP002 (LO threshold)
Entries 2.211224e+07
ADC
QT Input Channel

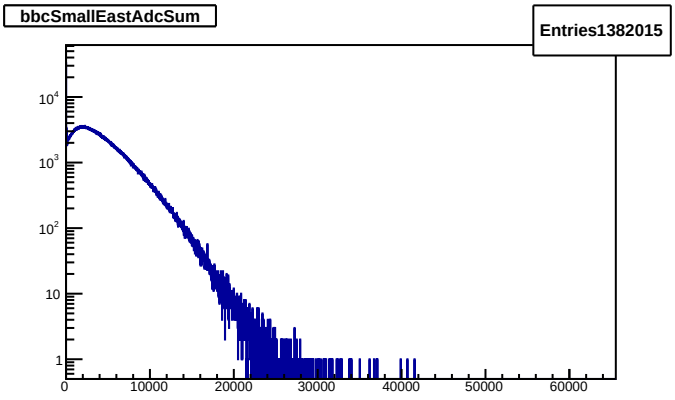

BBQ-VP002 (LO threshold)
Entries 2.211224e+07
TAC
QT Input Channel

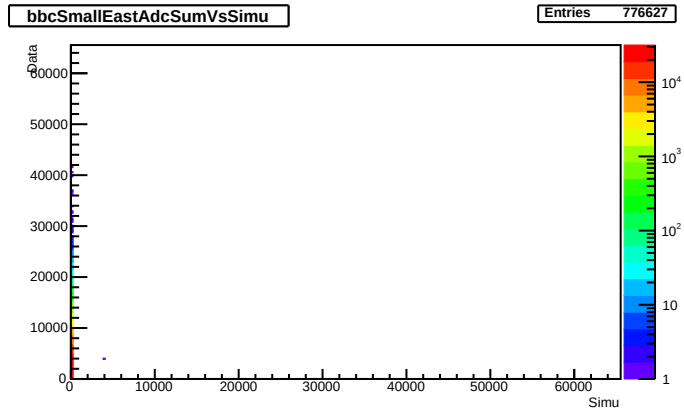

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 2.211224e+07
ADC
QT Input Channel

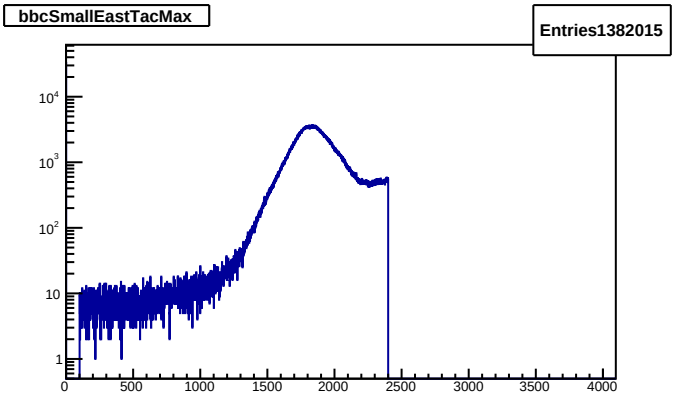

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 2.211224e+07
TAC
QT Input Channel

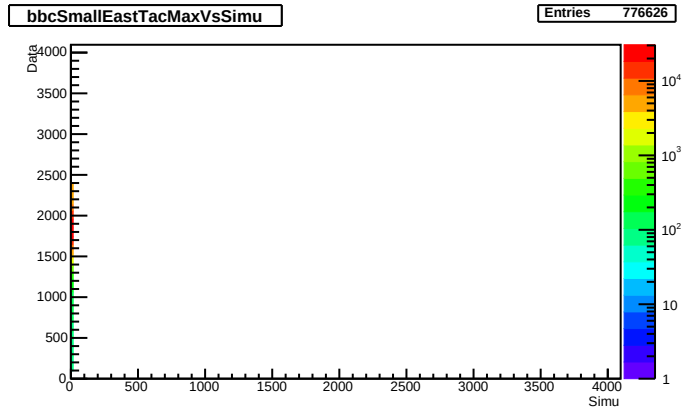

BBQ-ZD001 (ZDC TOWER)
Entries 2.211224e+07
ADC

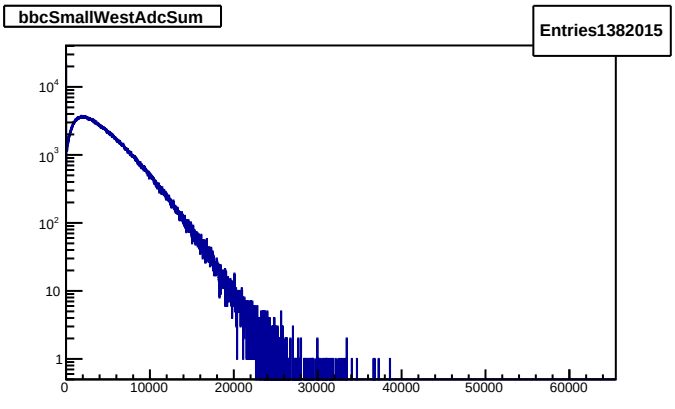

BBQ-ZD001 (ZDC TOWER)
Entries 2.211224e+07
TAC

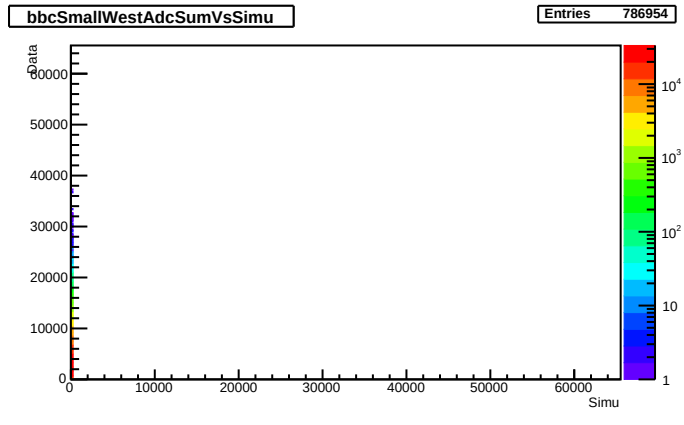

bbcSmallEastAdcSum
Entries1382015

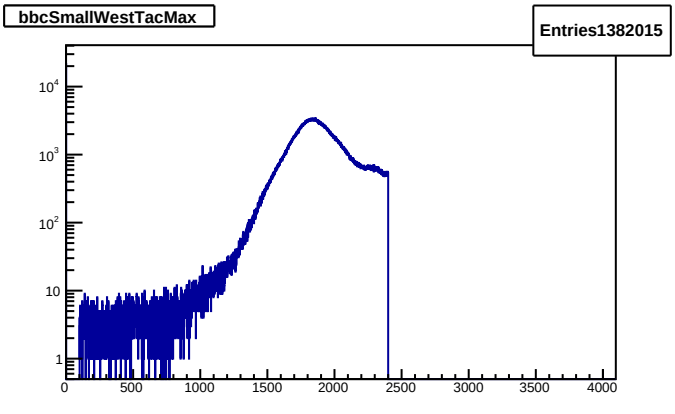

bbcSmallEastAdcSumVsSimu
Entries 776627
Data
Simu

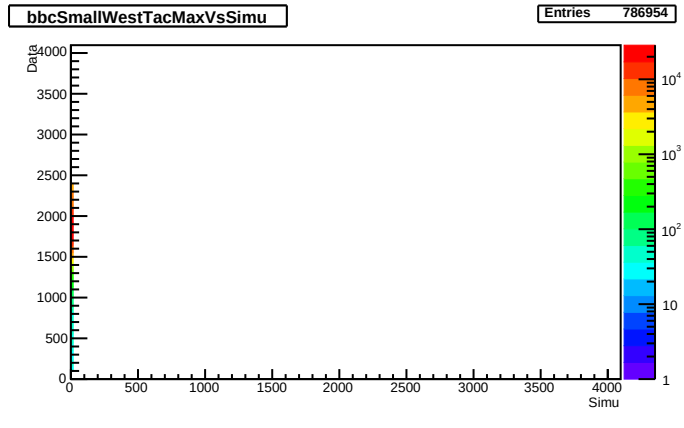

bbcSmallEastTacMax
Entries1382015

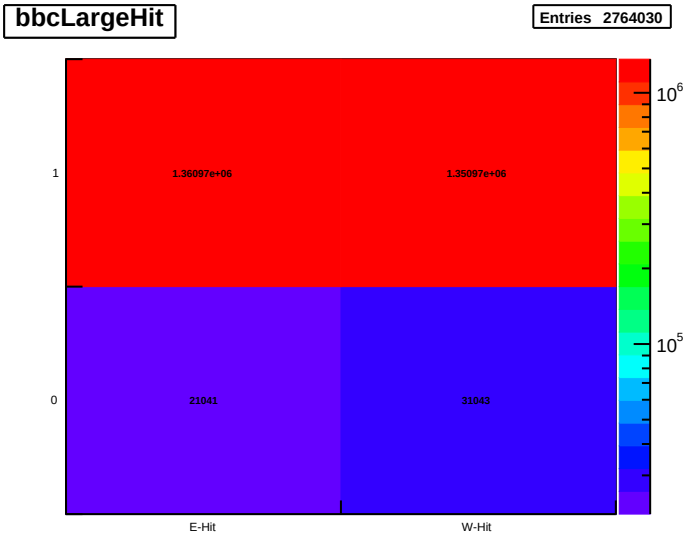

bbcSmallEastTacMaxVsSimu
Entries 776626
Data
Simu

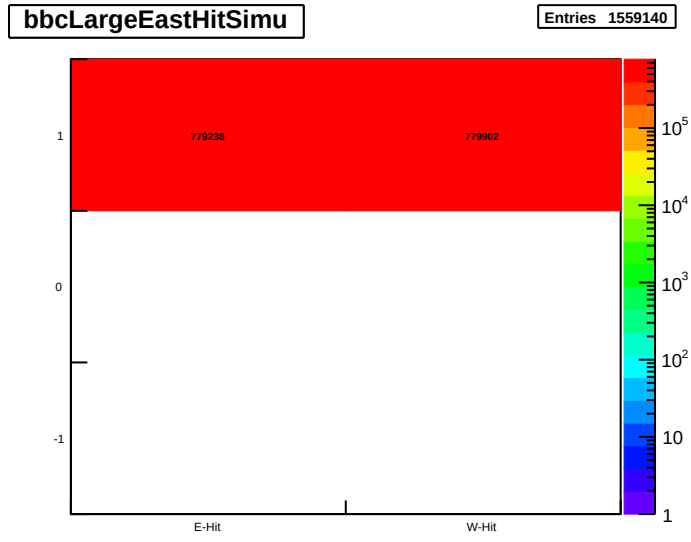

bbcSmallWestAdcSum
Entries1382015

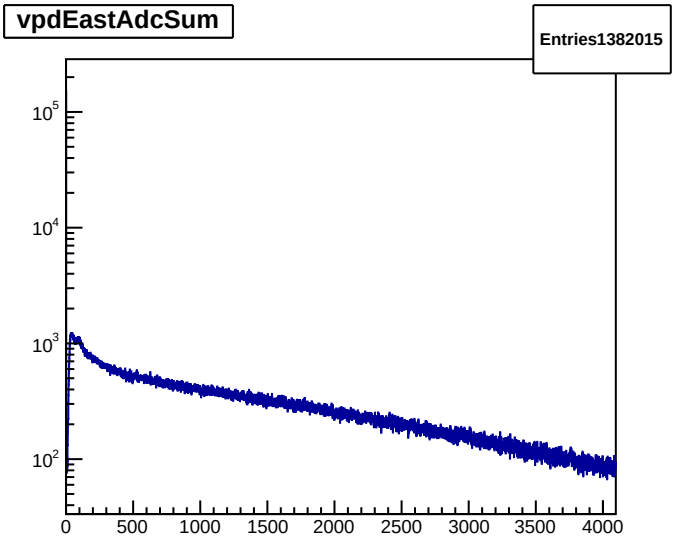

bbcSmallWestAdcSumVsSimu
Entries 786954
Data
Simu

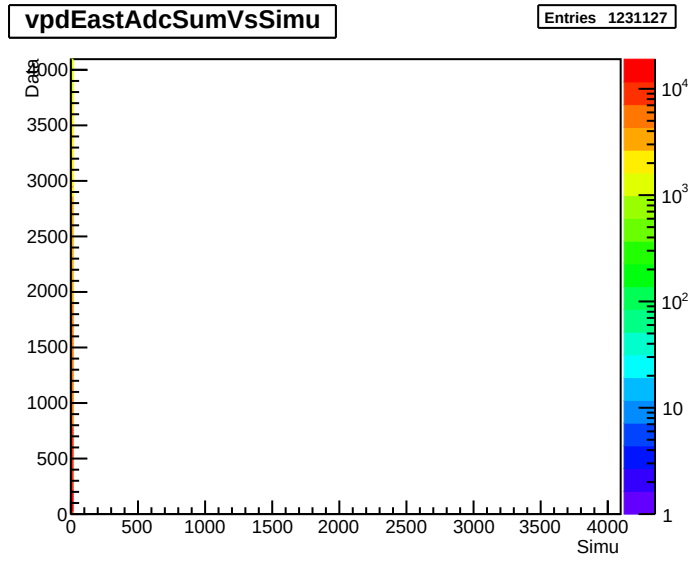

bbcSmallWestTacMax
Entries1382015

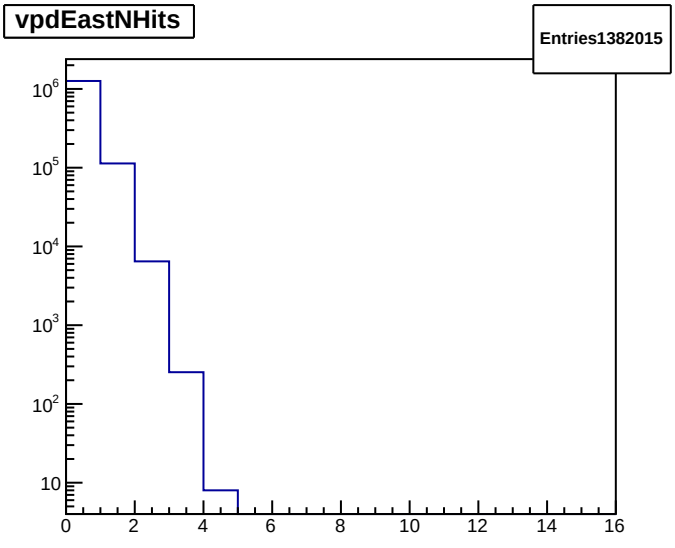

bbcSmallWestTacMaxVsSimu
Entries 786954
Data
Simu

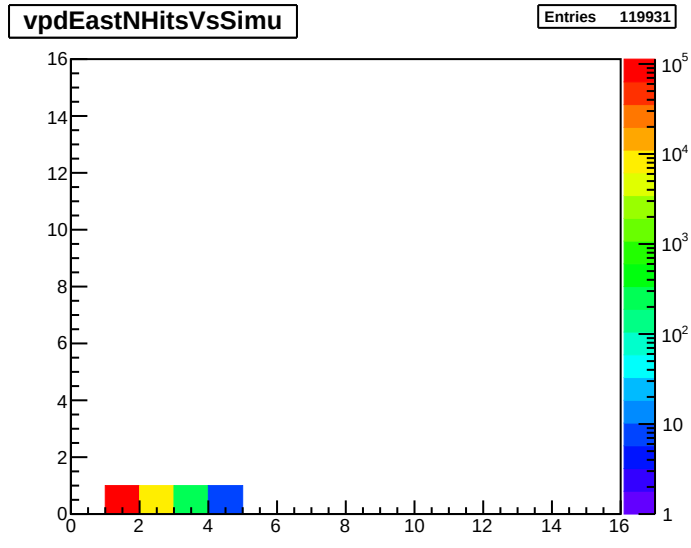

bbcLargeHit
Entries 2764030
1.36097e+06
1.35097e+06
21041
31043
1
0
E-Hit
W-Hit
10^6
10^5

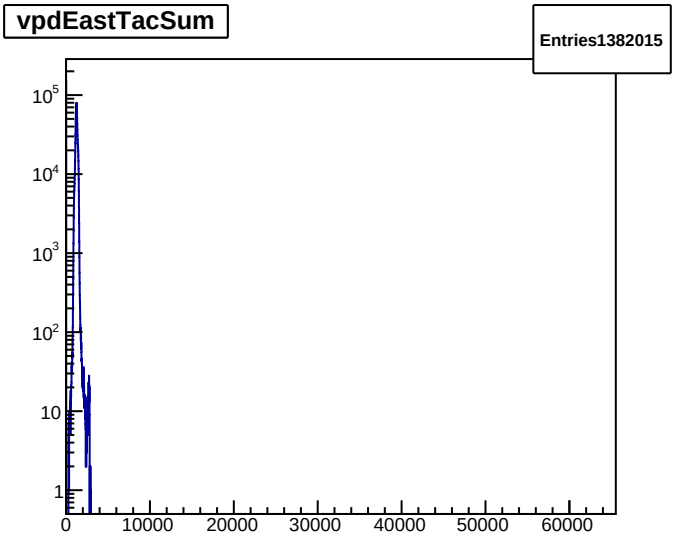

bbcLargeEastHitSimu
Entries 1559140
779238
779902
1
0
-1
E-Hit
W-Hit
10^5
10^4
10^3
10^2
10
1

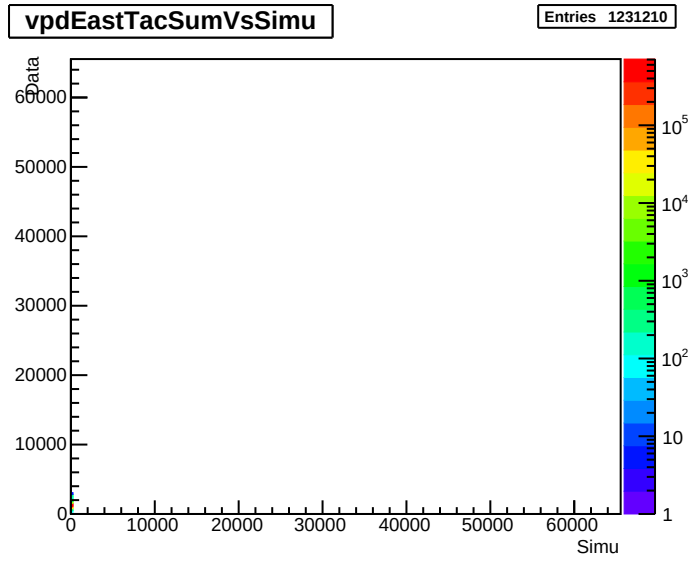

vpdEastAdcSum
Entries1382015

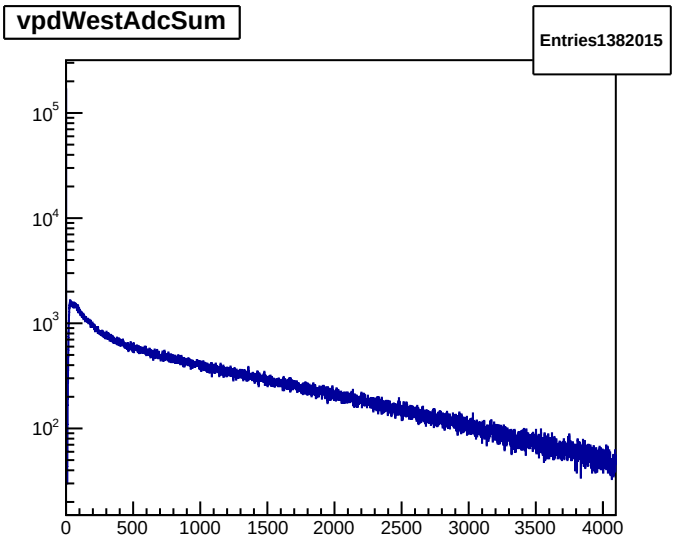

vpdEastAdcSumVsSimu
Entries 1231127
Data
Simu

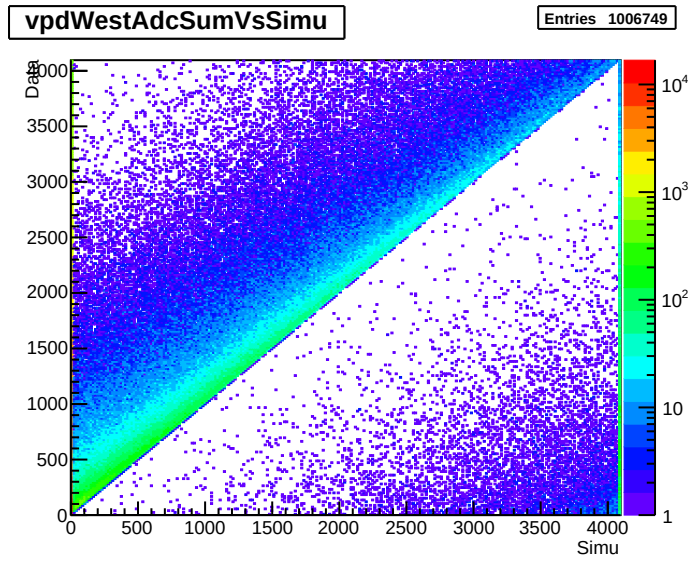

vpdEastNHits
Entries1382015

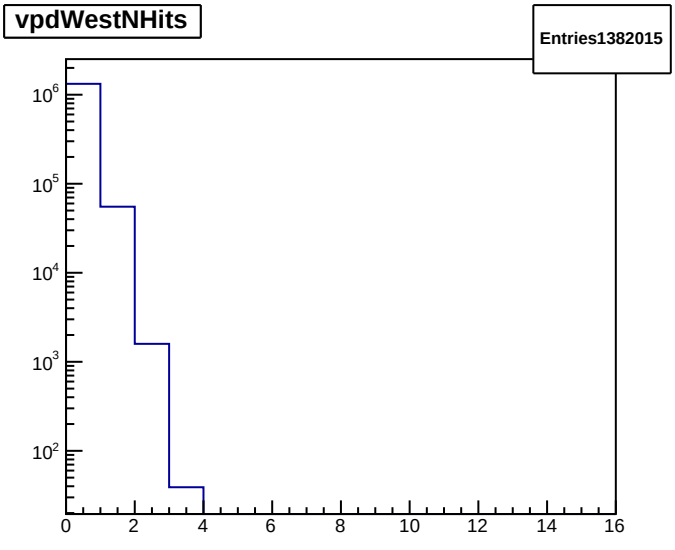

vpdEastNHitsVsSimu
Entries 119931

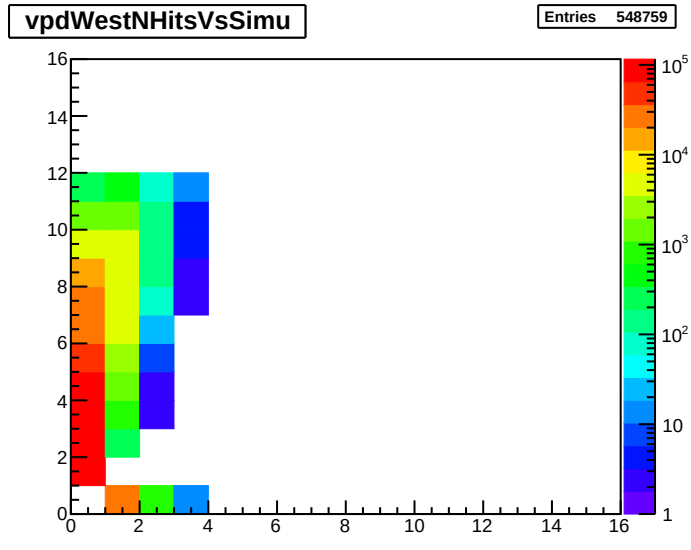

vpdEastTacSum
Entries1382015

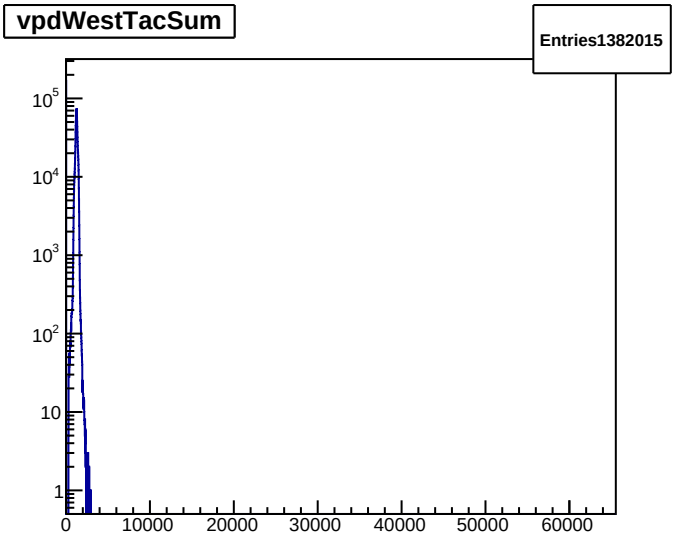

vpdEastTacSumVsSimu
Entries 1231210
Data
Simu

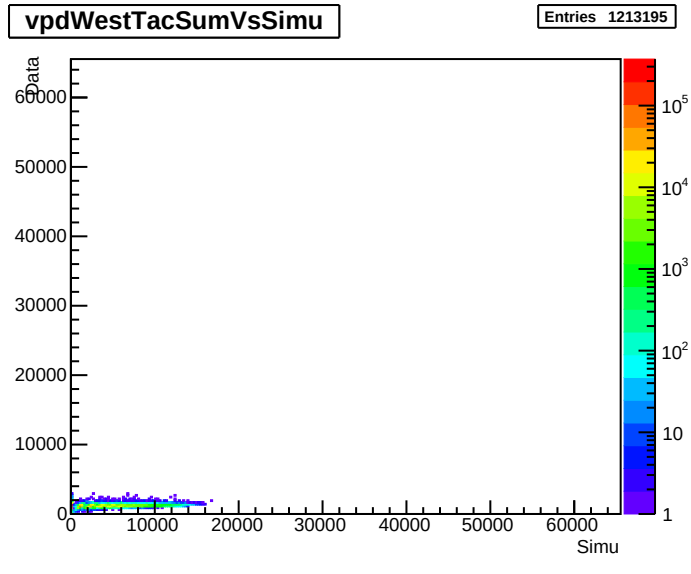

vpdWestAdcSum
Entries1382015

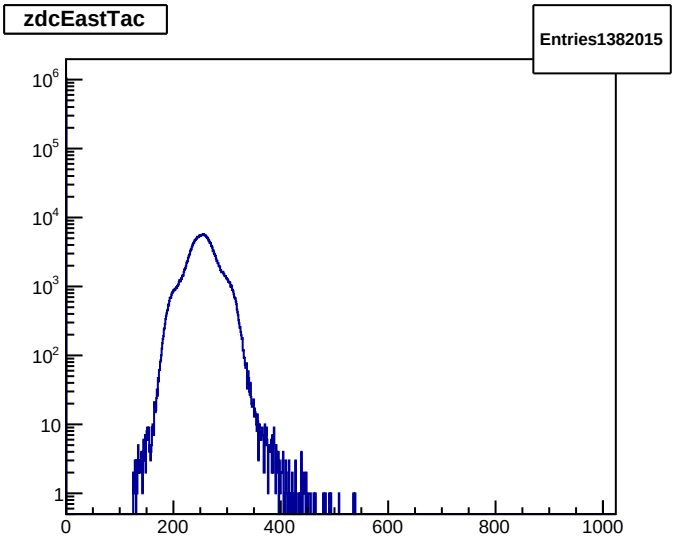

vpdWestAdcSumVsSimu
Entries 1006749
Data
Simu

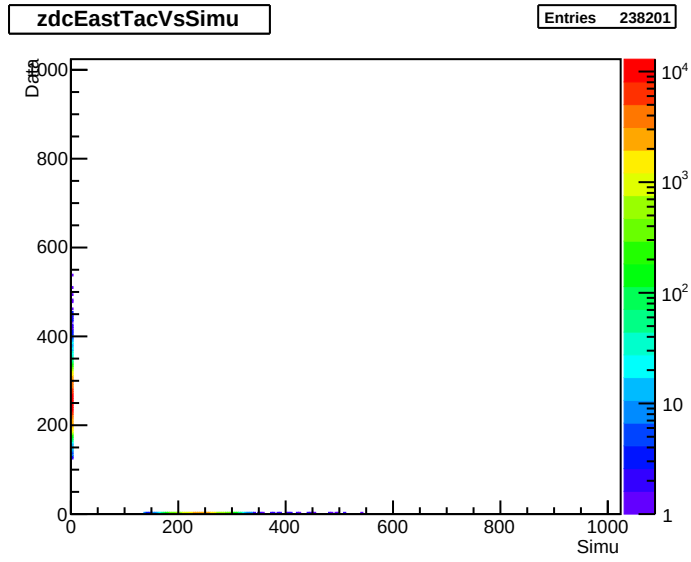

vpdWestNHits
Entries1382015

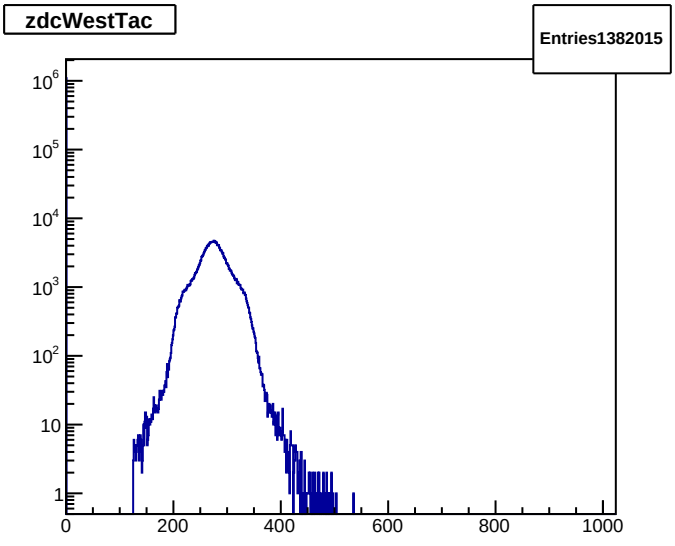

vpdWestNHitsVsSimu
Entries 548759

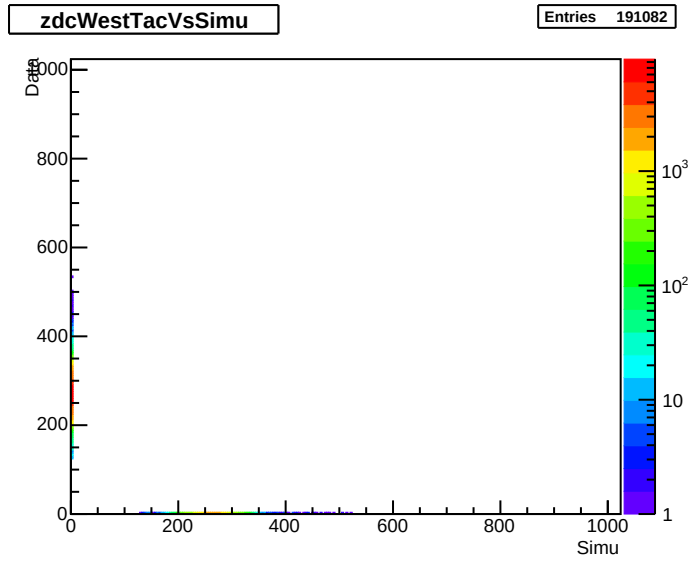

vpdWestTacSum
Entries1382015

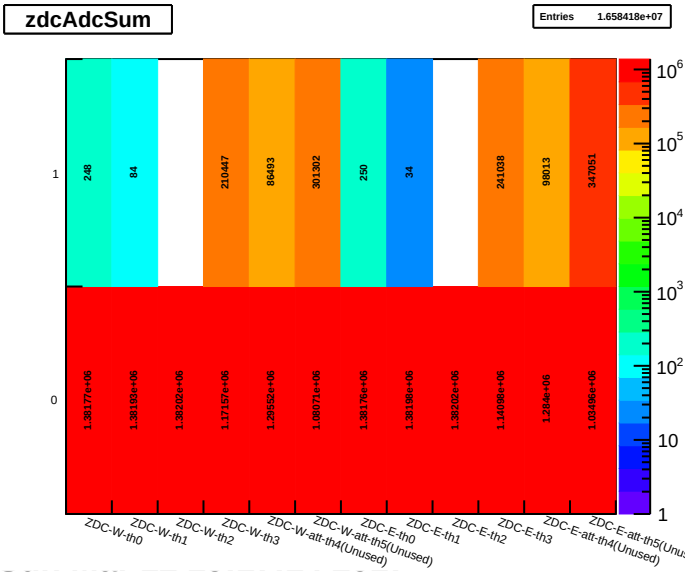

vpdWestTacSumVsSimu
Entries 1213195
Data
Simu

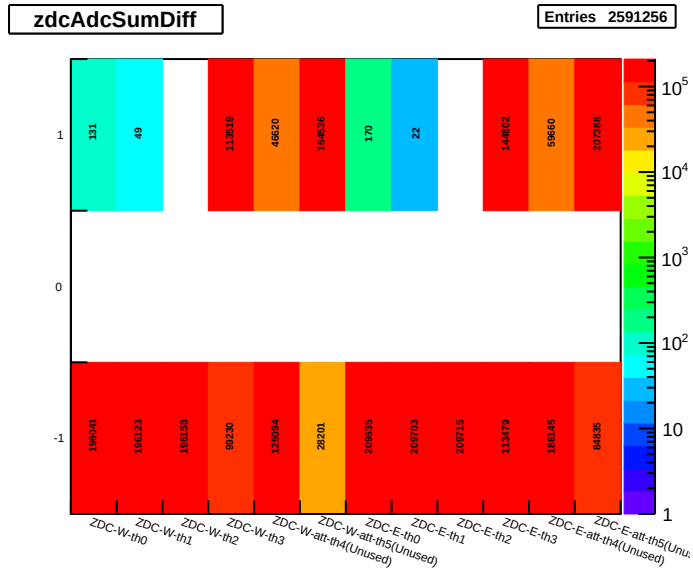

zdcEastTac
Entries1382015

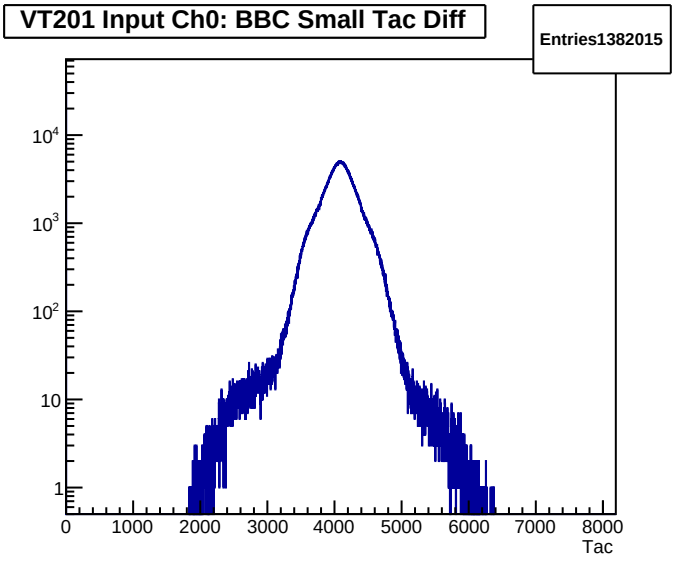

zdcEastTacVsSimu
Entries 238201
Data
Simu

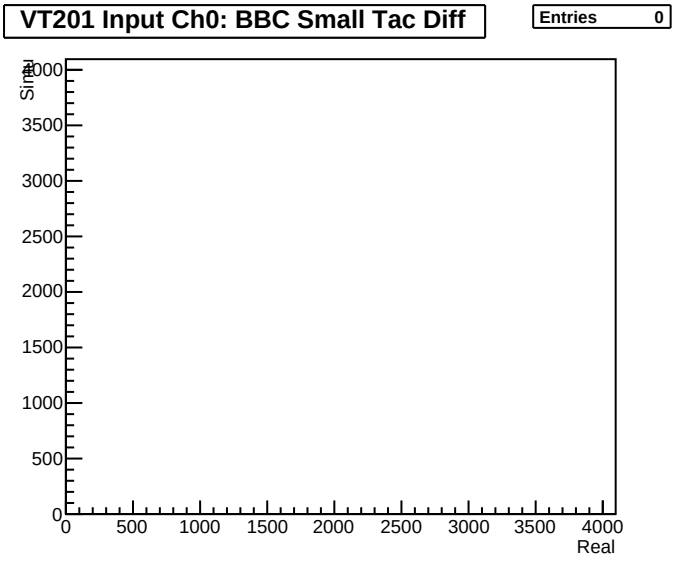

zdcWestTac
Entries1382015

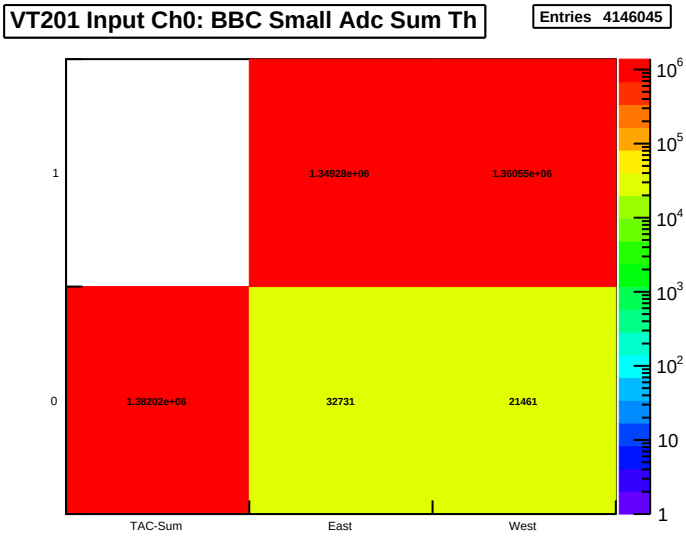

zdcWestTacVsSimu
Entries 191082
Data
Simu

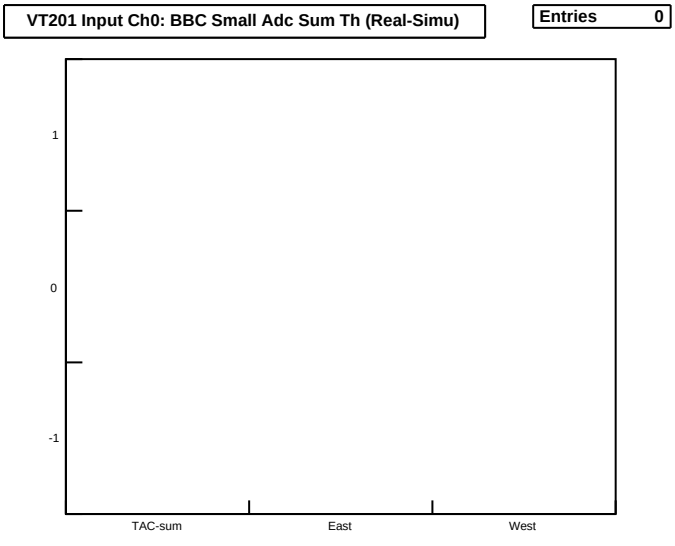

zdcAdcSum
Entries 1.658418e+07
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unus

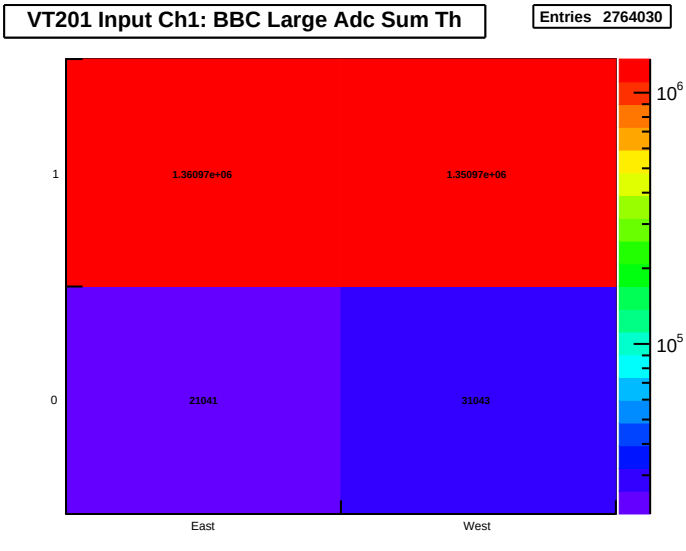

zdcAdcSumDiff
Entries 2591256
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unus

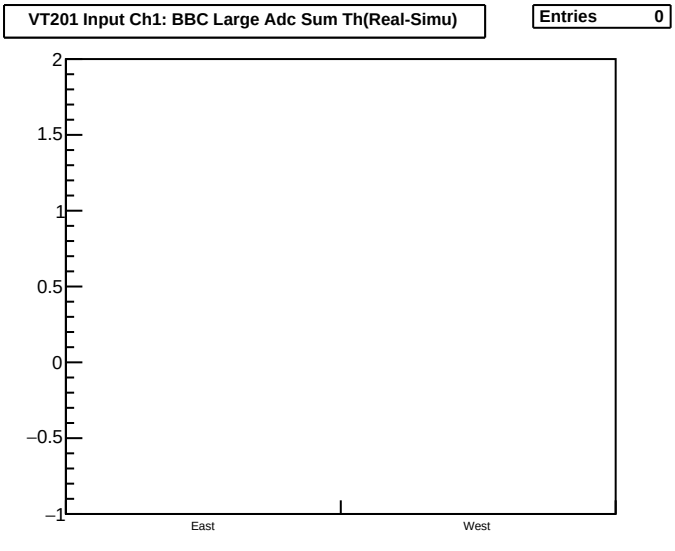

VT201 Input Ch0: BBC Small Tac Diff
Entries1382015
Tac


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

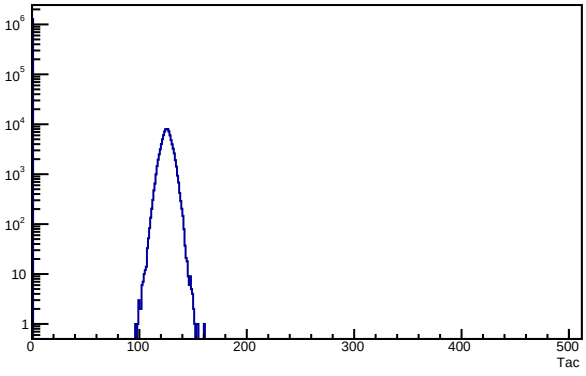

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 4146045
1.34928e+06
1.36055e+06
1.38202e+06
32731
21461
TAC-Sum
East
West


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

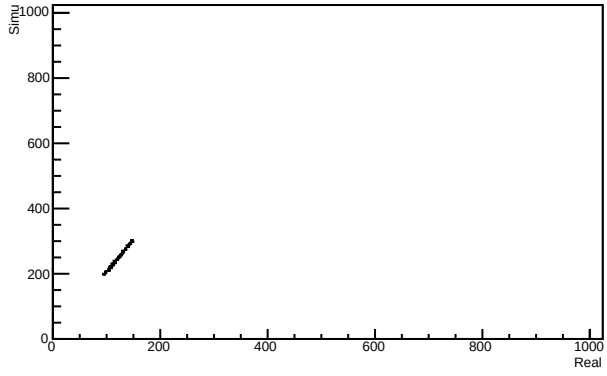

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 2764030
1.36097e+06
1.35097e+06
21041
31043
East
West


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

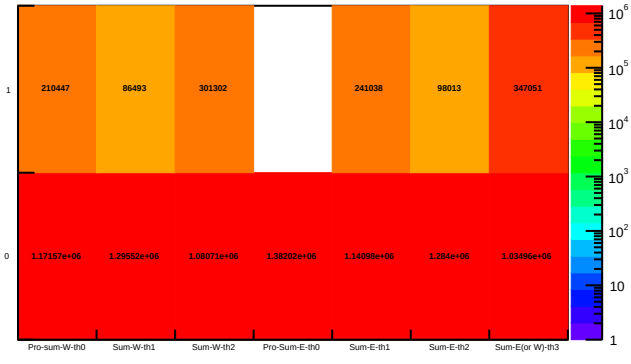
VT201 Input Ch2: ZDC Tac Diff



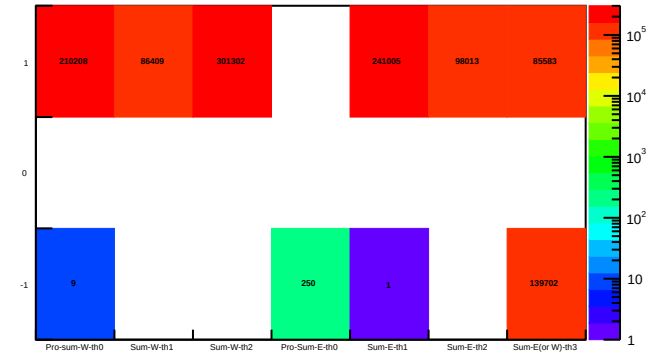
VT201 Input Ch2: ZDC Tac Diff



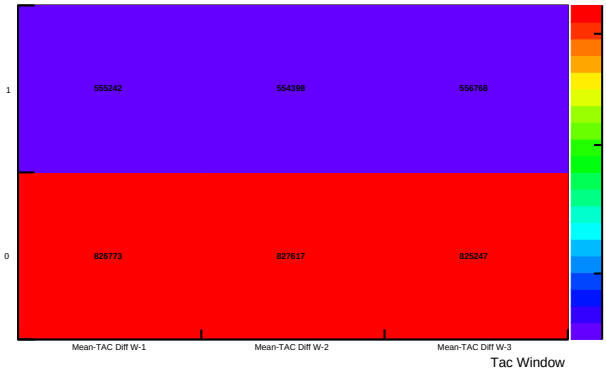
VT201 Input Ch2: ZDC Adc Sum Th



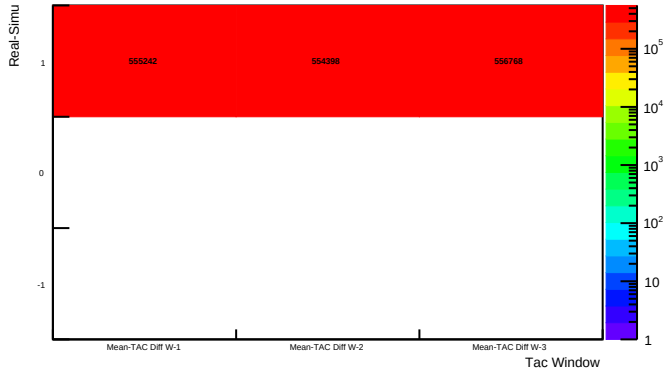
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



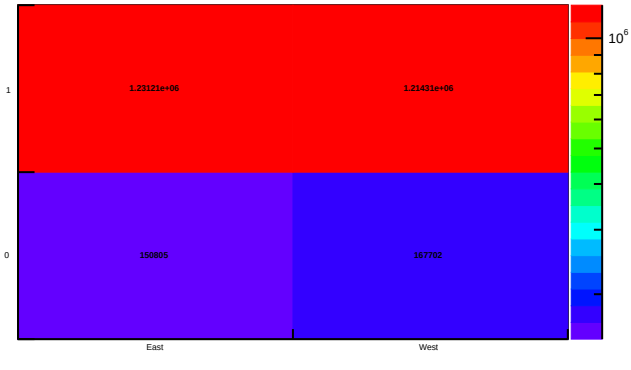
VT201 Input Ch4: VPD Tac Diff



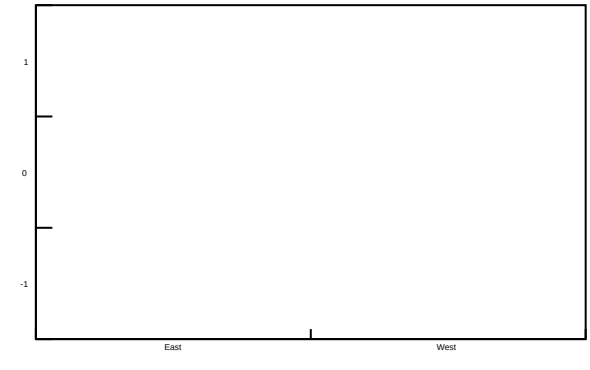
VT201 Input Ch4: VPD Tac Diff

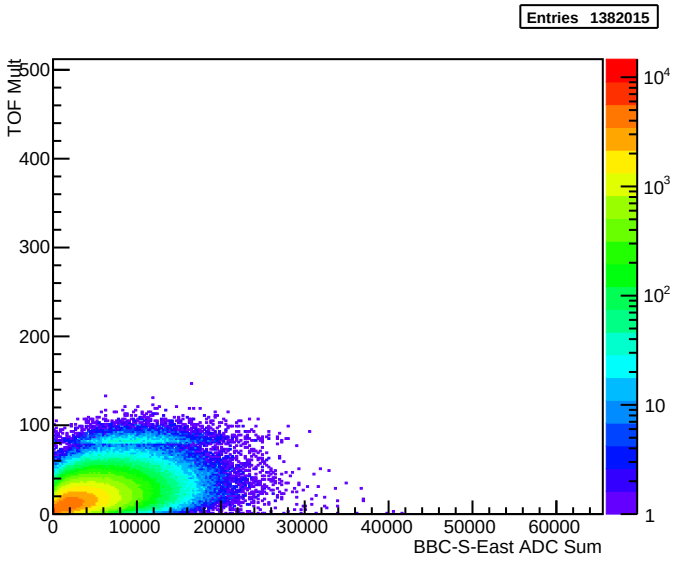


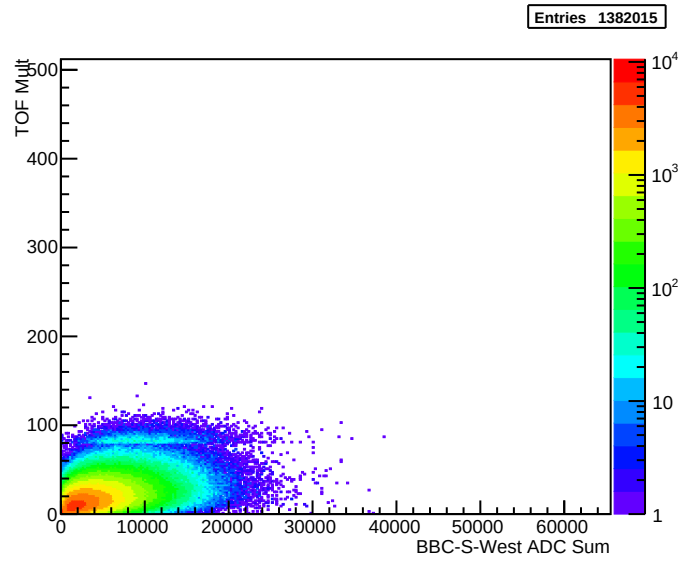
VT201 Input Ch4: VPD Adc Sum Th

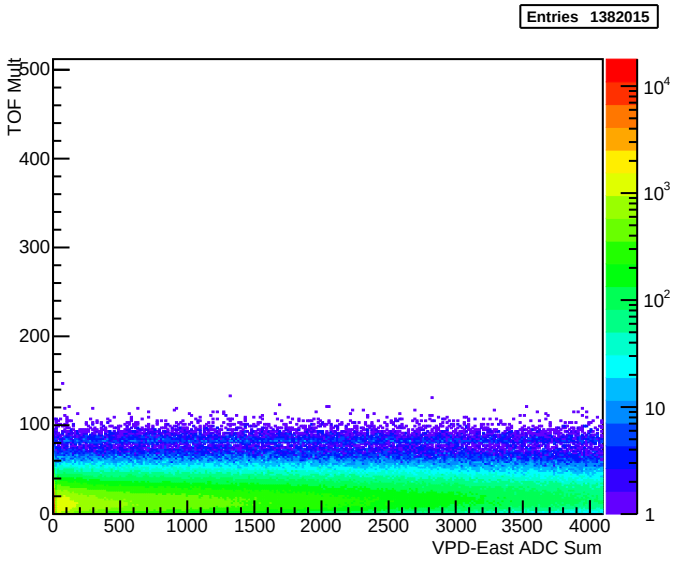


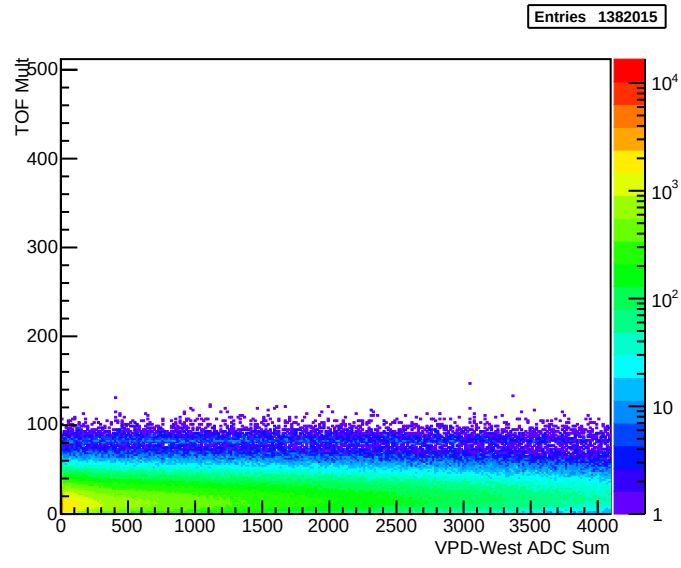
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

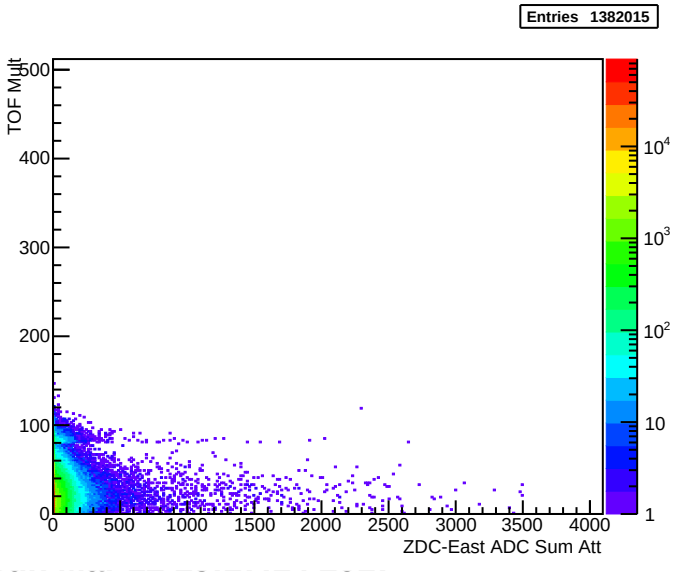


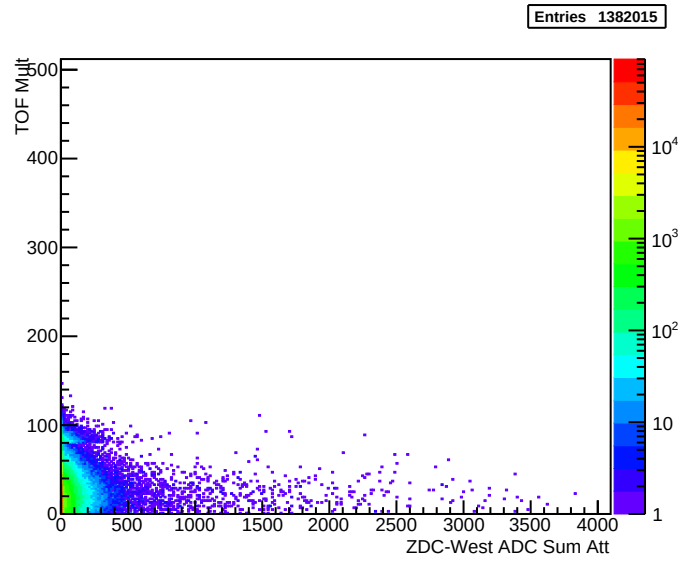

Entries 1382015
TOF Mult
BBC-S-East ADC Sum

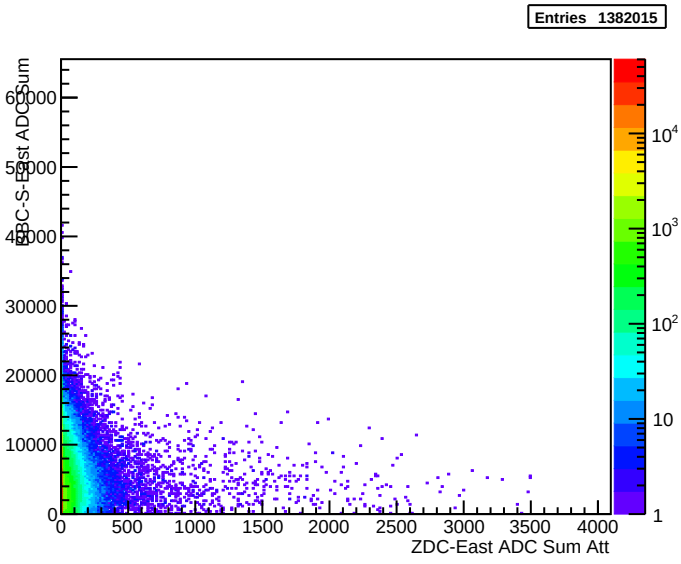

Entries 1382015
TOF Mult
BBC-S-West ADC Sum

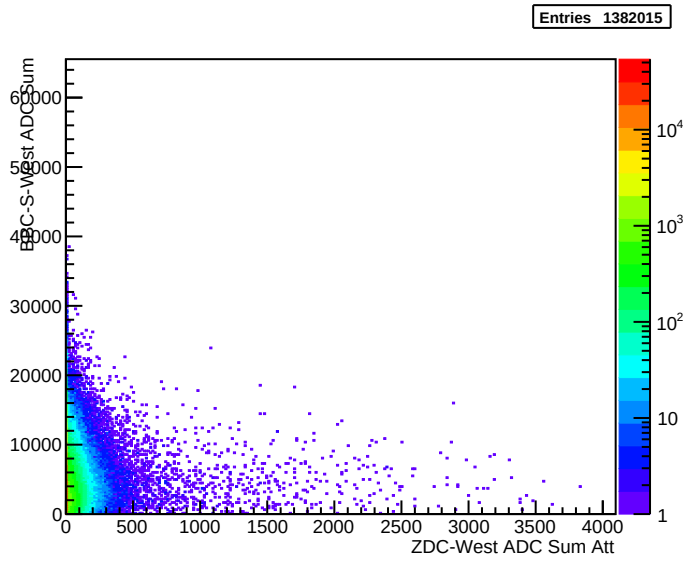

Entries 1382015
TOF Mult
VPD-East ADC Sum

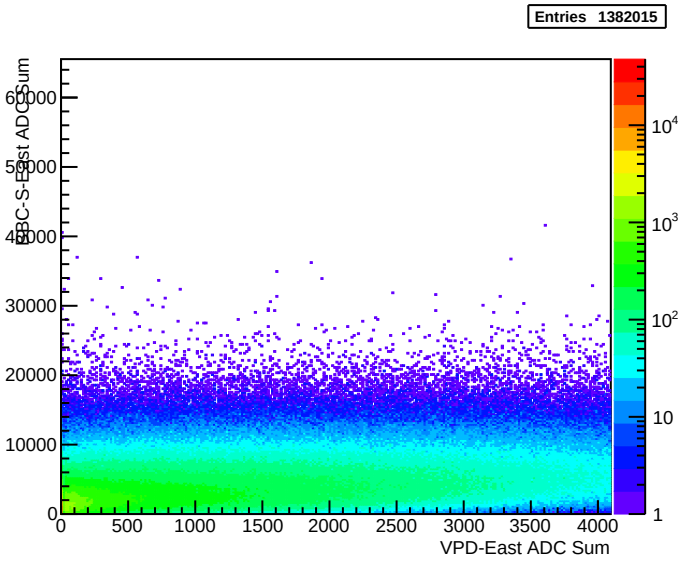

Entries 1382015
TOF Mult
VPD-West ADC Sum

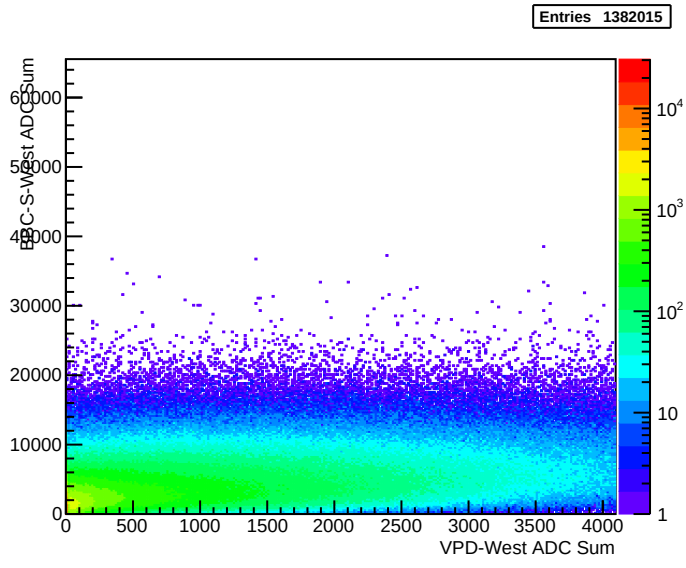

Entries 1382015
TOF Mult
ZDC-East ADC Sum Att

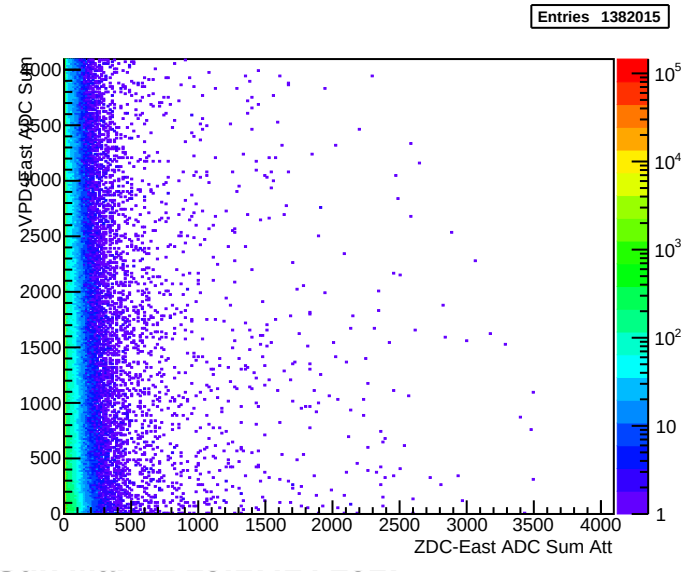

Entries 1382015
TOF Mult
ZDC-West ADC Sum Att

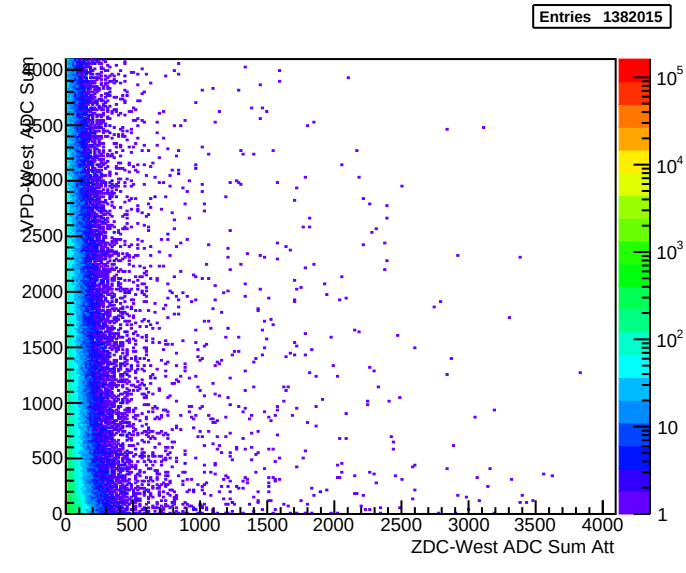

Entries 1382015
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

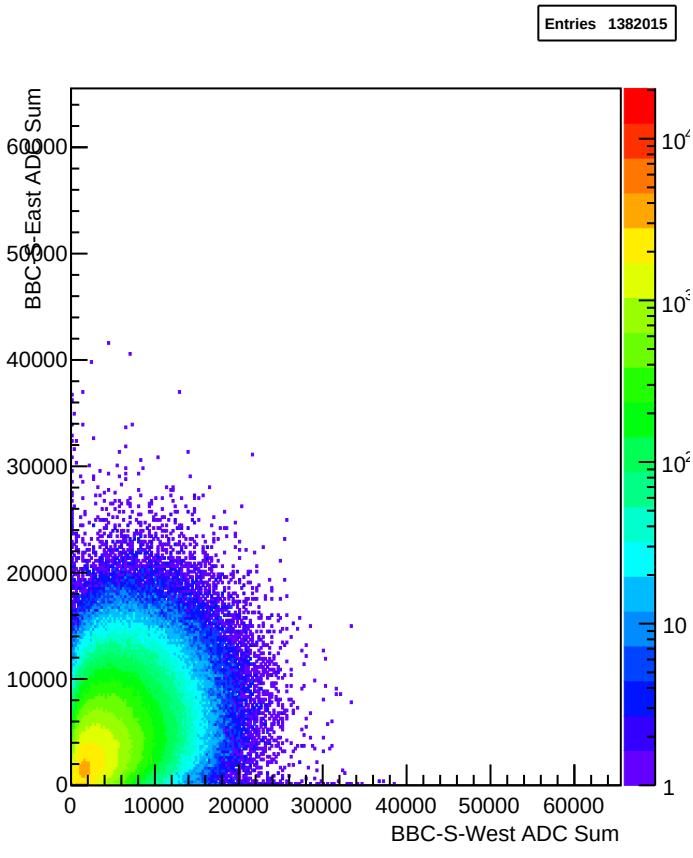

Entries 1382015
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

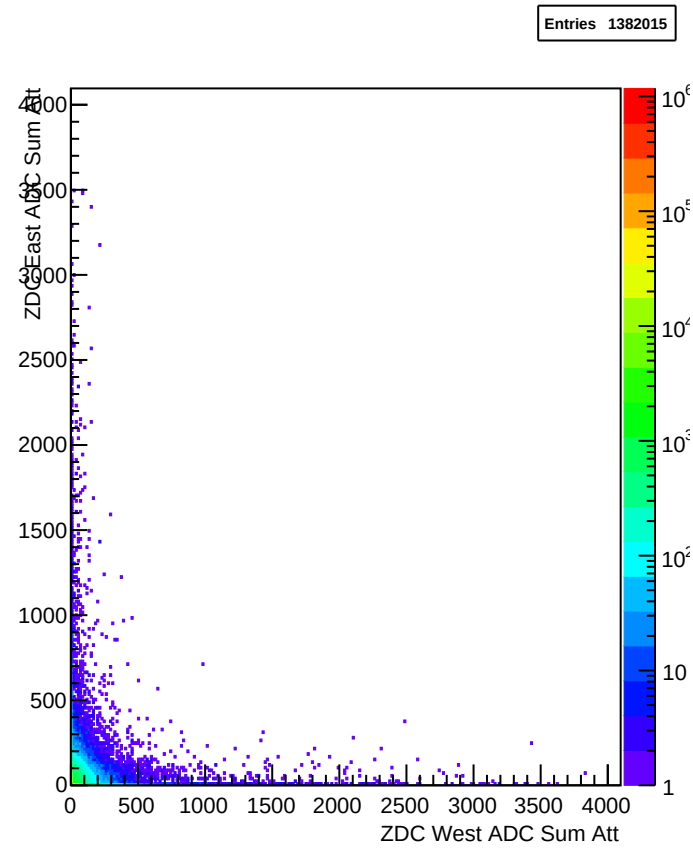

Entries 1382015
BBC-S-East ADC Sum
VPD-East ADC Sum

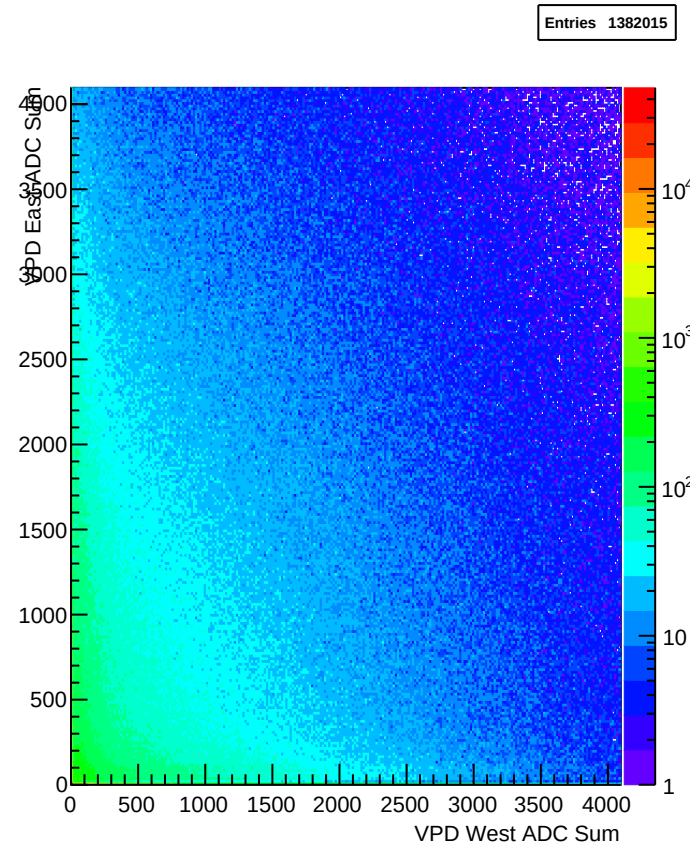

Entries 1382015
BBC-S-West ADC Sum
VPD-West ADC Sum

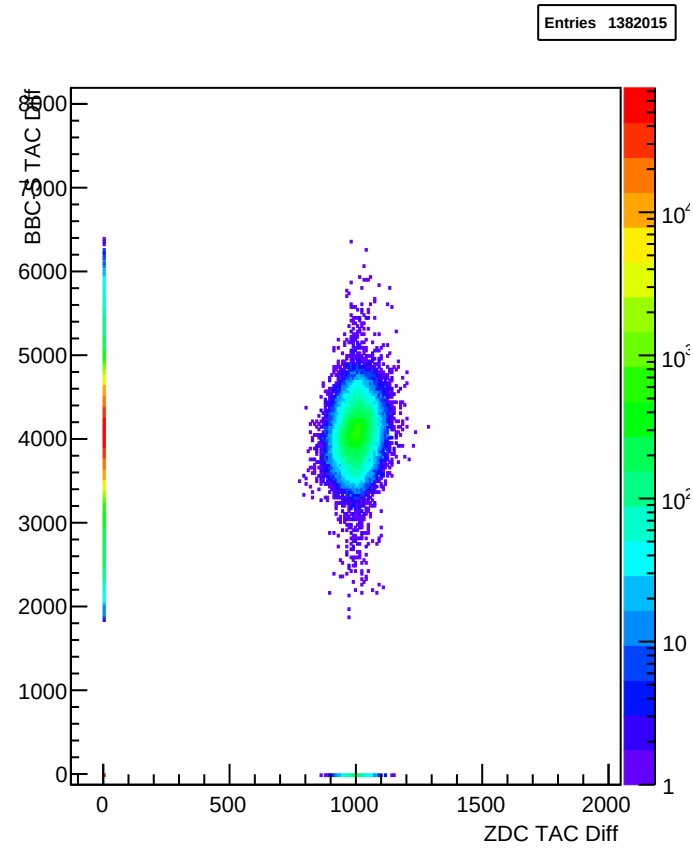

Entries 1382015
VPD-East ADC Sum
ZDC-East ADC Sum Att

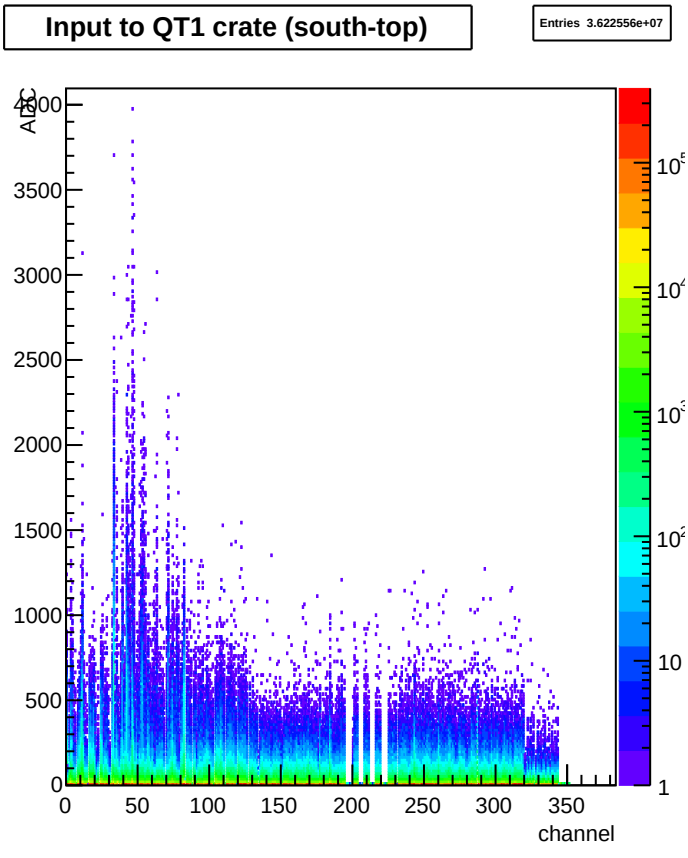

Entries 1382015
VPD-West ADC Sum
ZDC-West ADC Sum Att

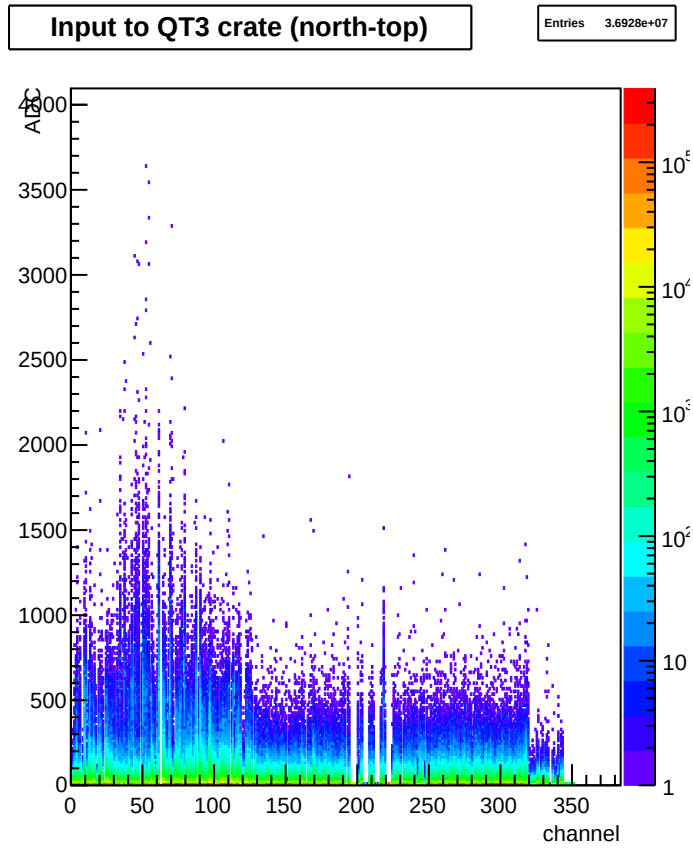

Entries 1382015
BBC-S-East ADC Sum
BBC-S-West ADC Sum

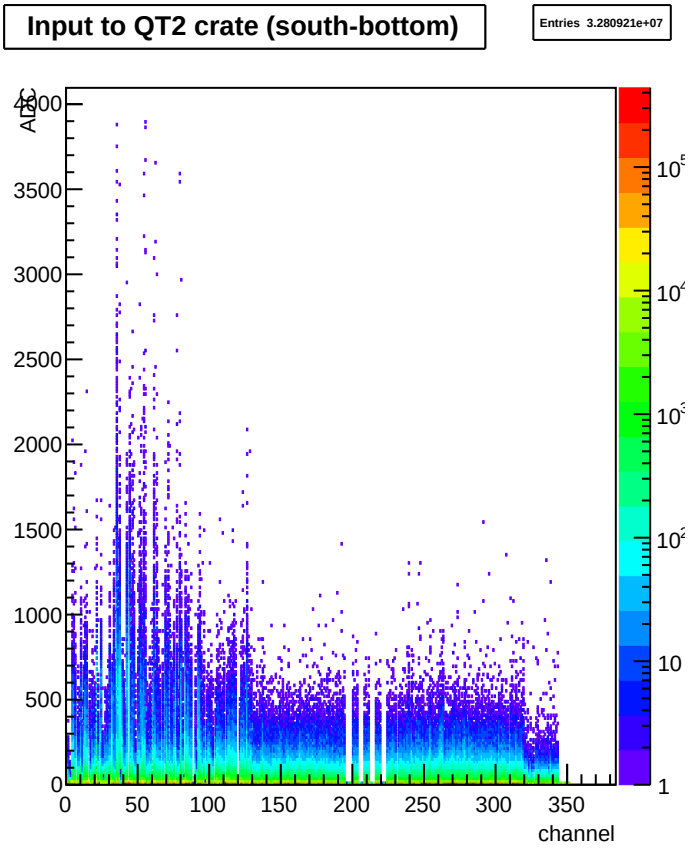

Entries 1382015
ZDC East ADC Sum Att
ZDC West ADC Sum Att

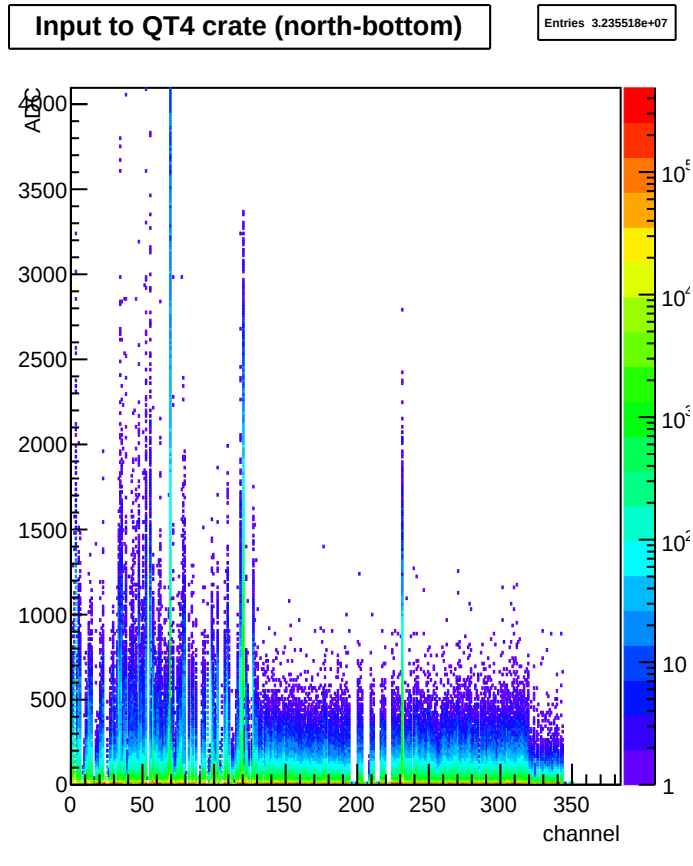

Entries 1382015
VPD East ADC Sum
VPD West ADC Sum

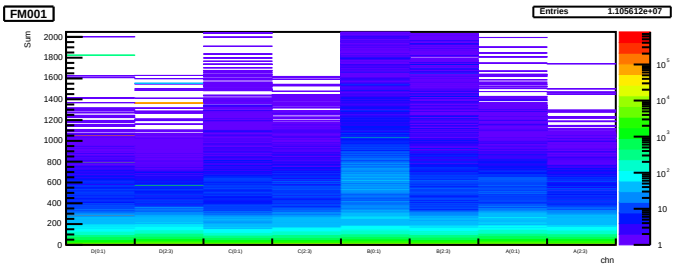

Entries 1382015
BBC-S TAC Diff
ZDC TAC Diff

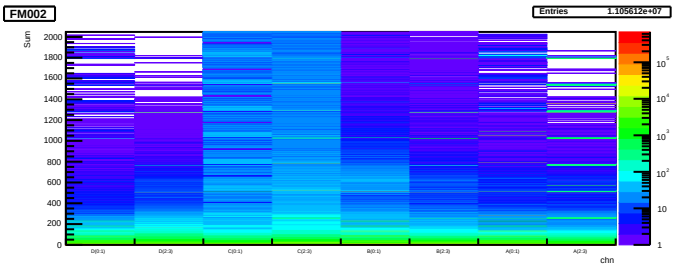

Input to QT1 crate (south-top)
Entries 3.622556e+07
ADC
channel

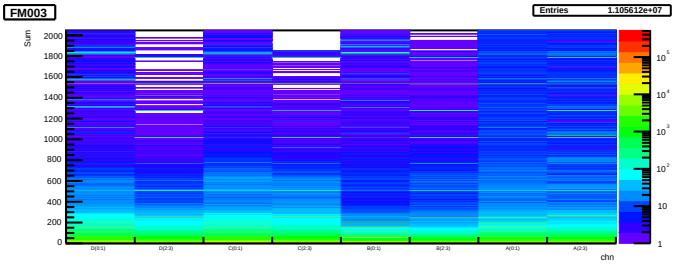

Input to QT3 crate (north-top)
Entries 3.6928e+07
ADC
channel

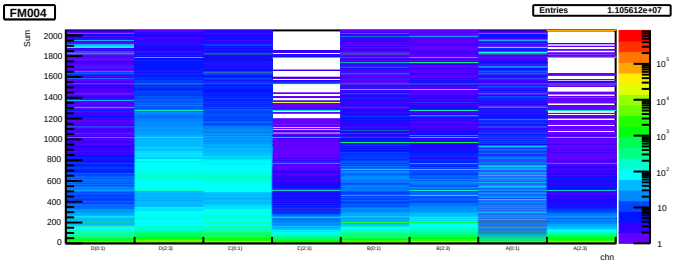

Input to QT2 crate (south-bottom)
Entries 3.280921e+07
ADC
channel

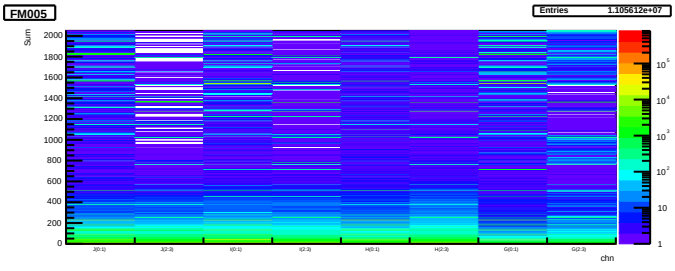

Input to QT4 crate (north-bottom)
Entries 3.235518e+07
ADC
channel

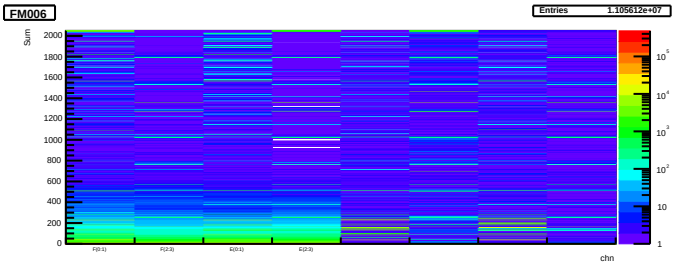

FM001
Entries 1.105612e+07
Sum
chn

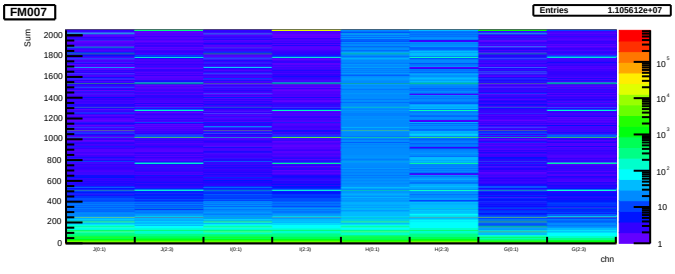

FM002
Entries 1.105612e+07
Sum
chn

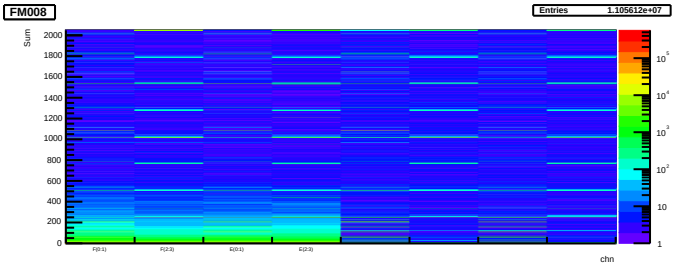

FM003
Entries 1.105612e+07
Sum
chn


FM004
Entries 1.105612e+07
Sum
chn


FM005
Entries 1.105612e+07
Sum
chn


FM006
Entries 1.105612e+07
Sum
chn


FM007
Entries 1.105612e+07
Sum
chn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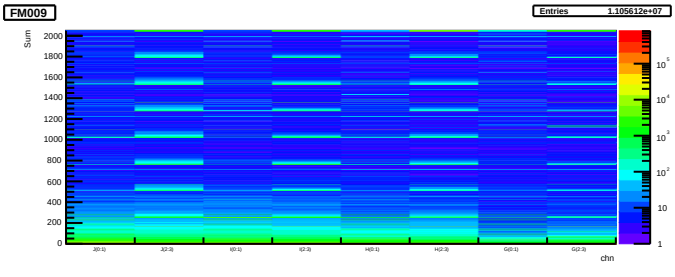
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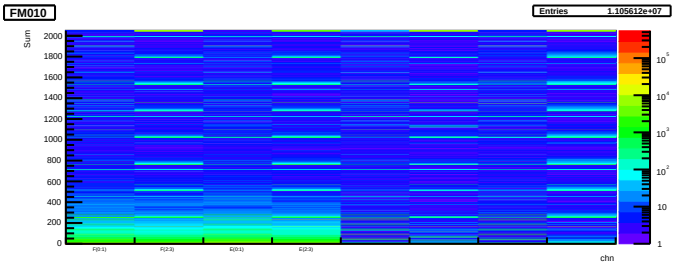
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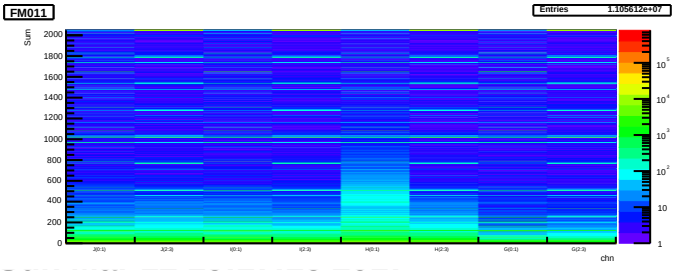
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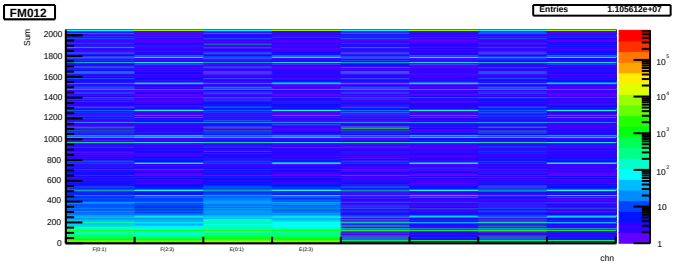
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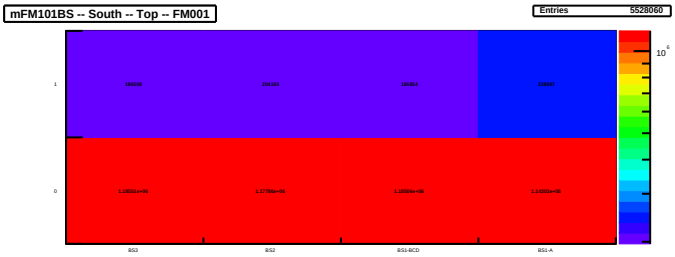
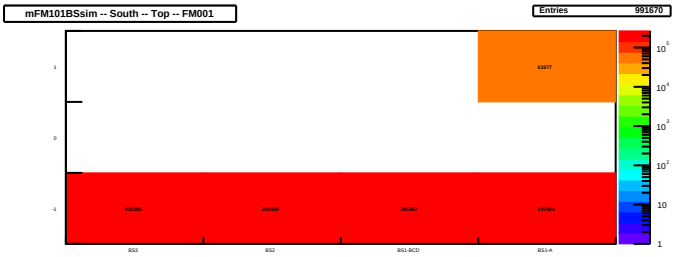

mFM101BS -- South -- Top -- FM001
Entries 5528060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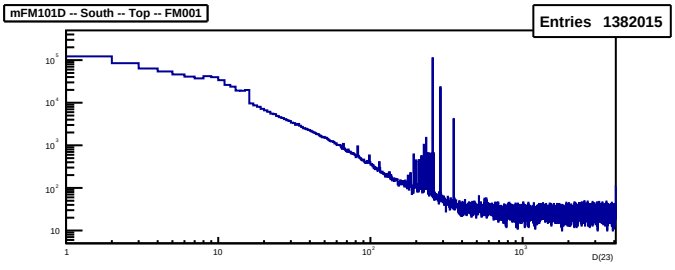
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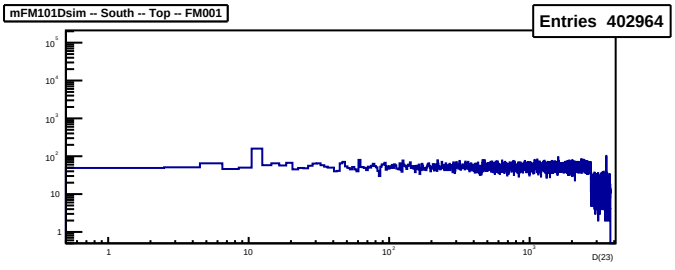
Entries 1382015
D(23)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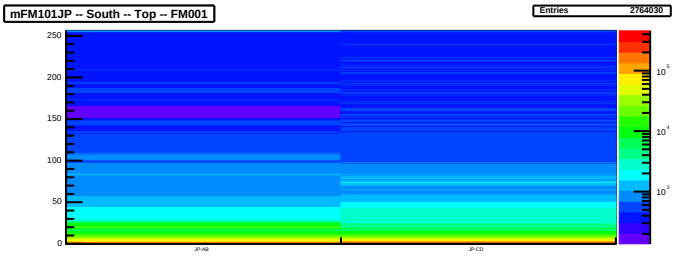
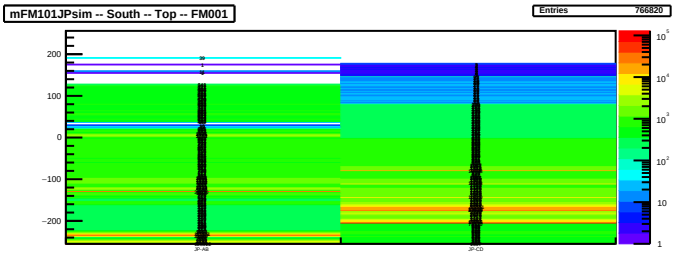

mFM101JP -- South -- Top -- FM001
Entries 2764030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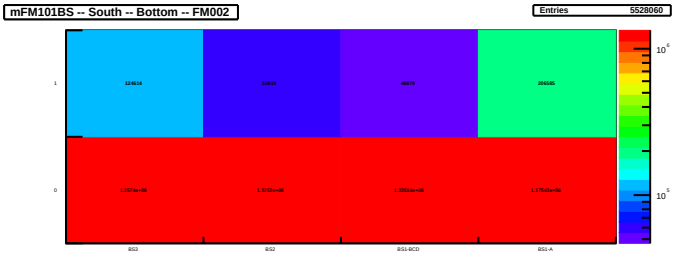
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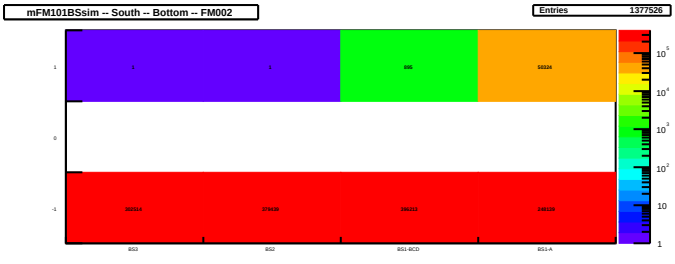
Entries 5528060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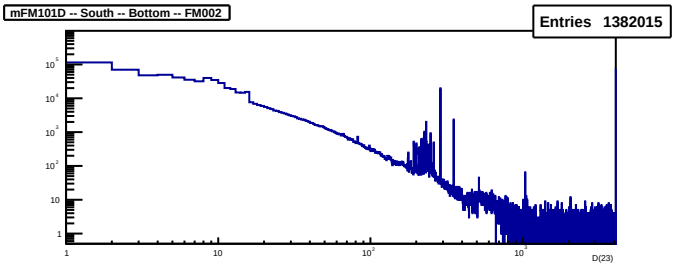
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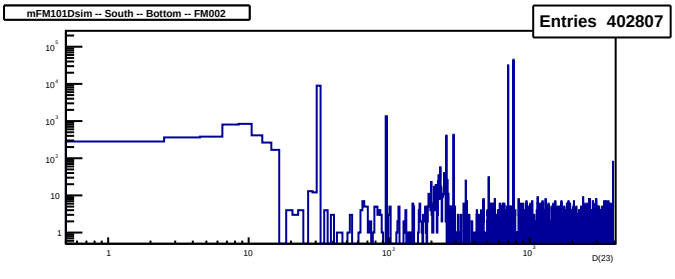
Entries 1382015
D(23)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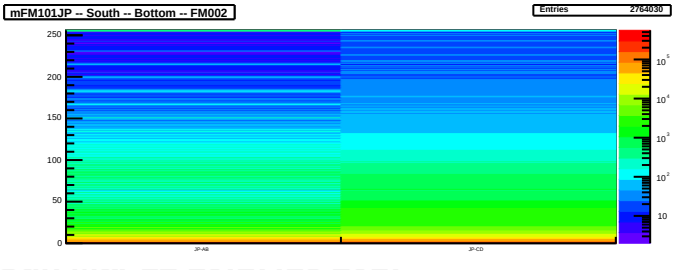
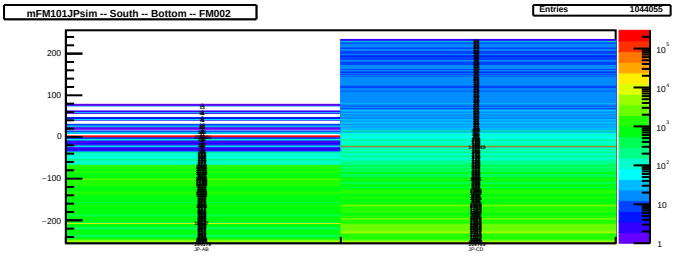
Entries 402807
D(23)


mFM101JP -- South -- Bottom -- FM002
Entries 2764030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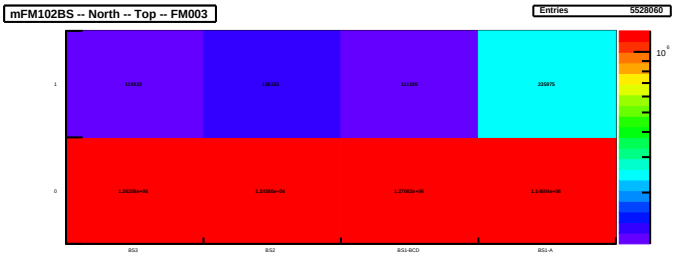
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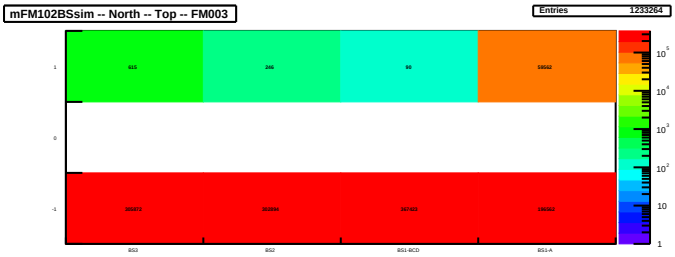
Entries 5528060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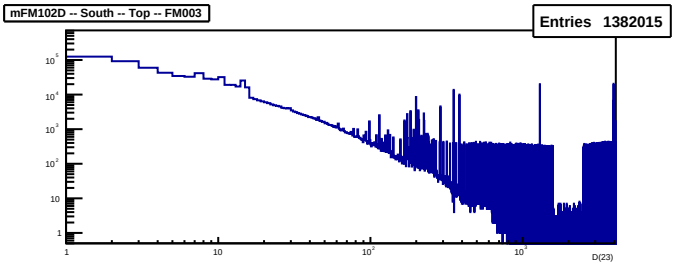
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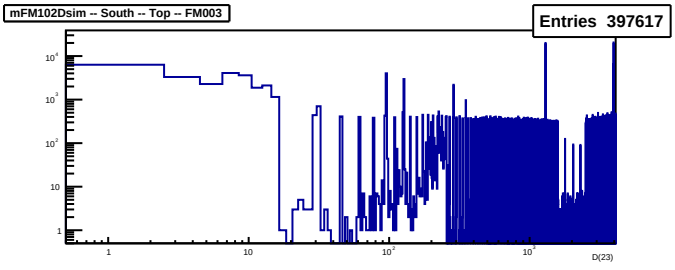
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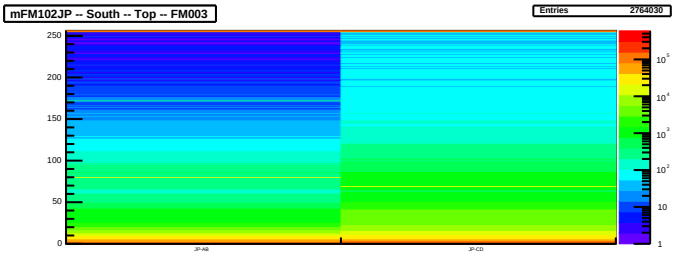
D(23)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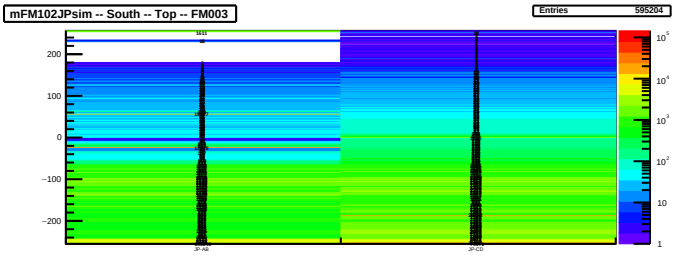
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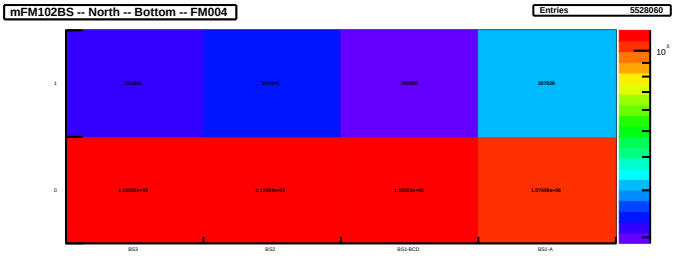
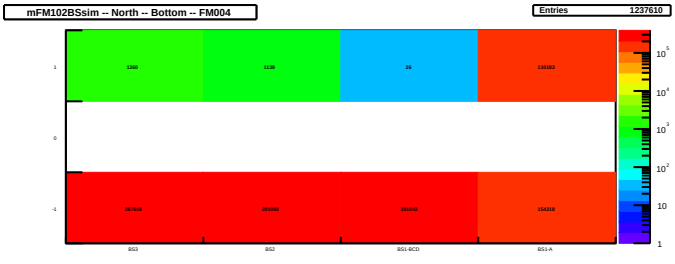

mFM102BS -- North -- Bottom -- FM004
Entries 5528060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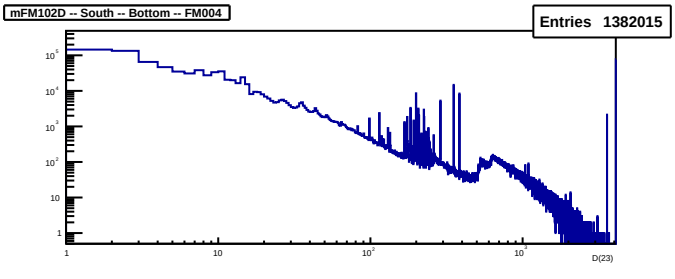
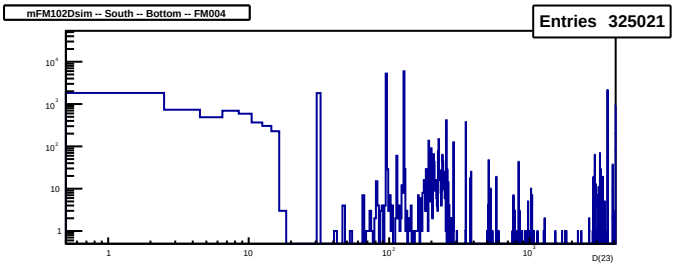

mFM102D -- South -- Bottom -- FM004
Entries 1382015
D(23)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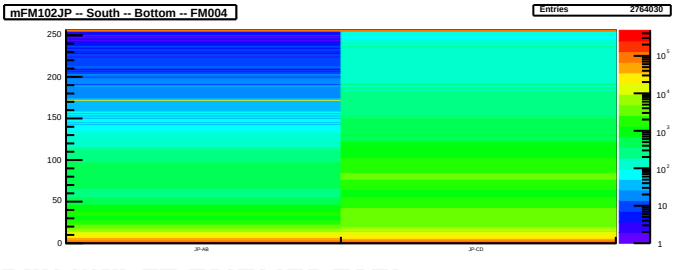
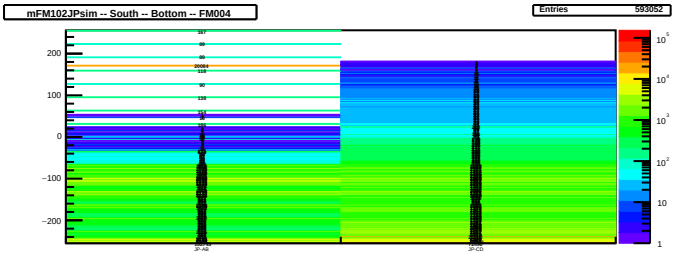
D(23)


mFM102JP -- South -- Bottom -- FM004
Entries 2764030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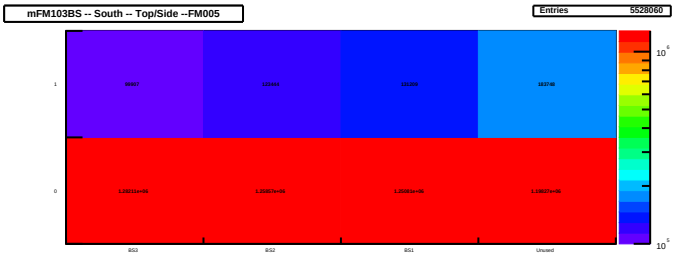
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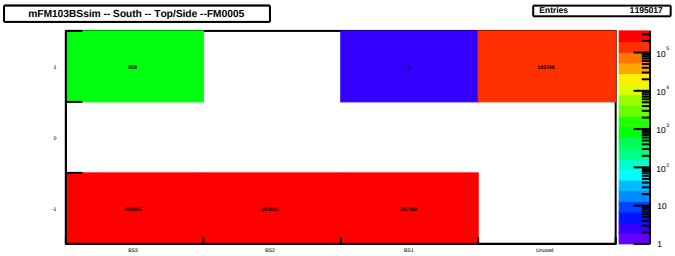
Entries 5528060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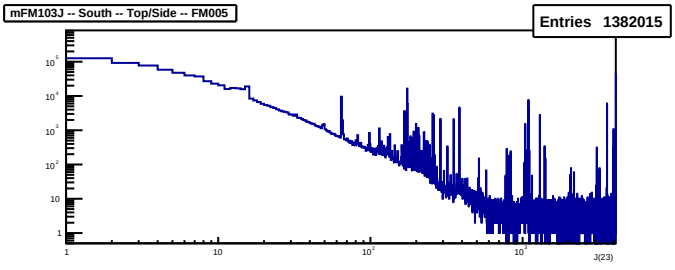
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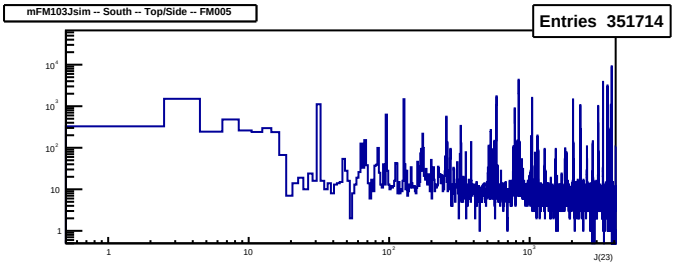
Entries 1382015
J(23)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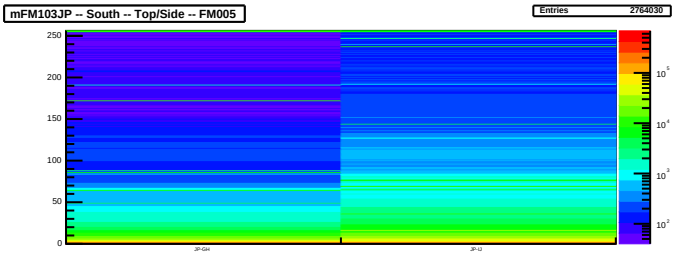
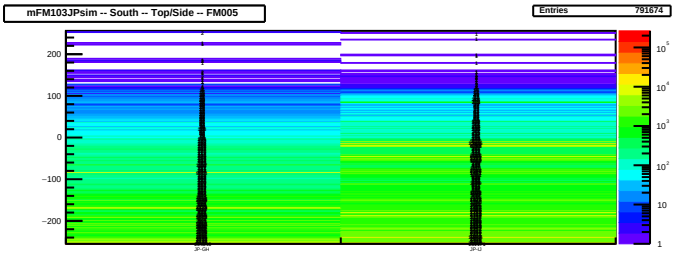
Entries 351714
J(23)


mFM103JP -- South -- Top/Side -- FM005
Entries 2764030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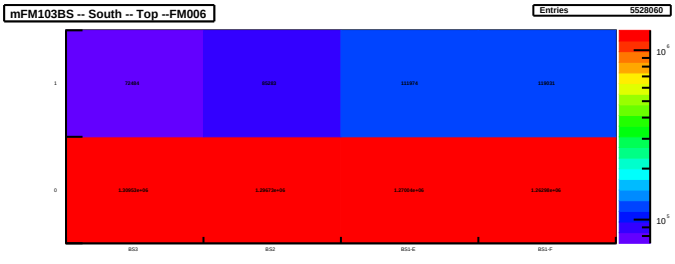
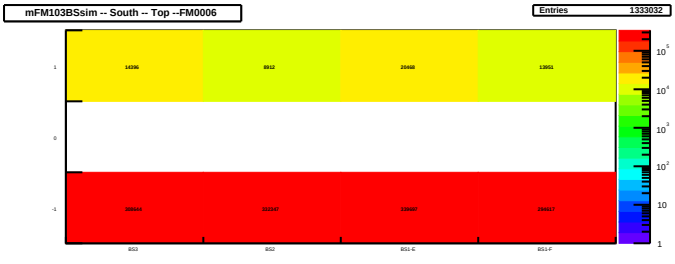

mFM103BS -- South -- Top --FM006
Entries 5528060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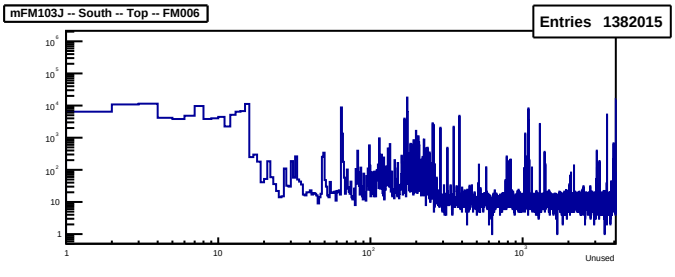
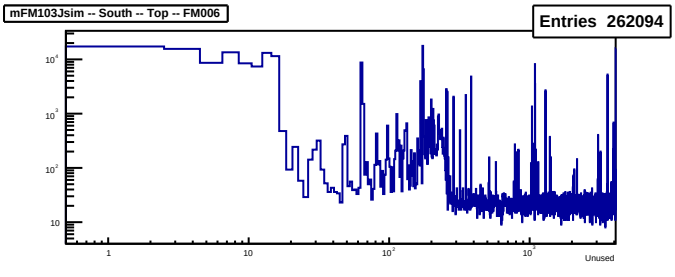
Entries 1333032


mFM103J -- South -- Top -- FM006
Entries 1382015
Unused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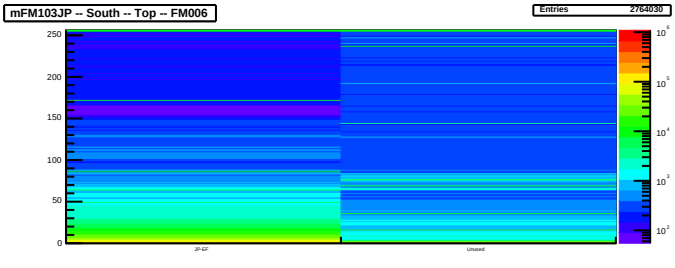
Entries 262094
Unused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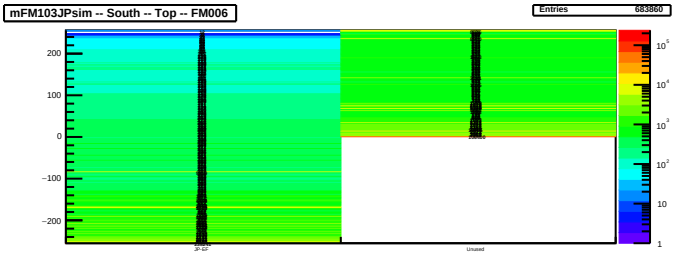
Entries 2764030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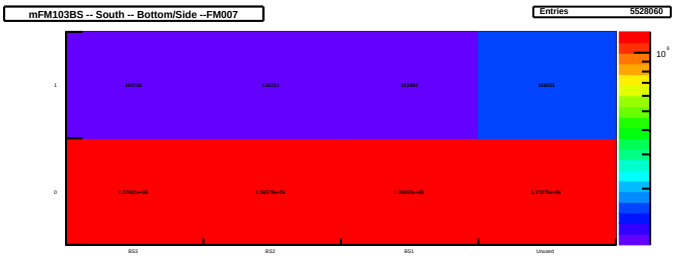
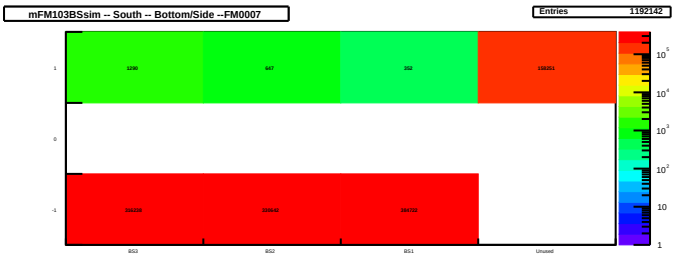
Entries 683860


mFM103BS -- South -- Bottom/Side --FM007
Entries 5528060
BS3
BS2
BS1
Unused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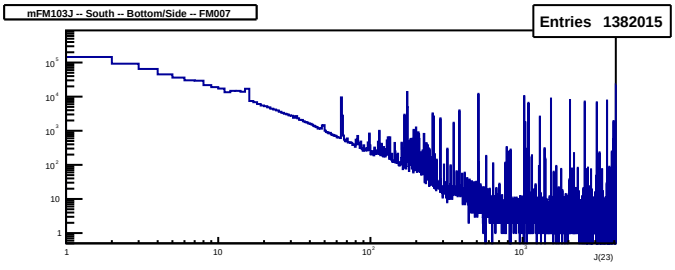
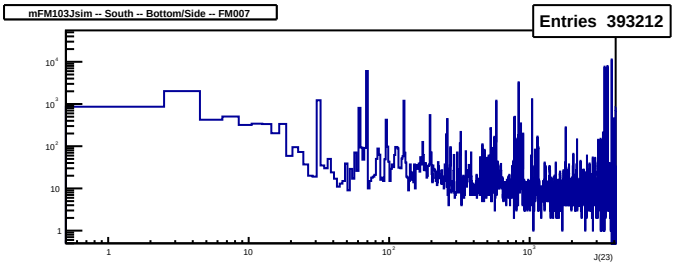
BS3
BS2
BS1
Unused


mFM103J -- South -- Bottom/Side -- FM007
Entries 1382015
J(23)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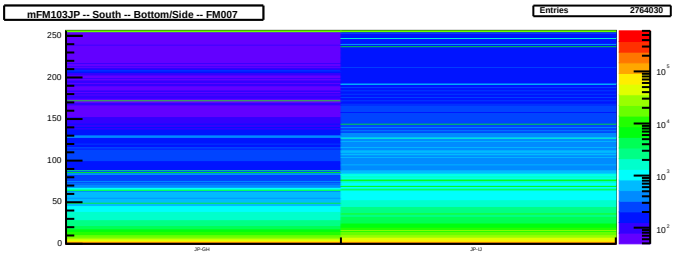
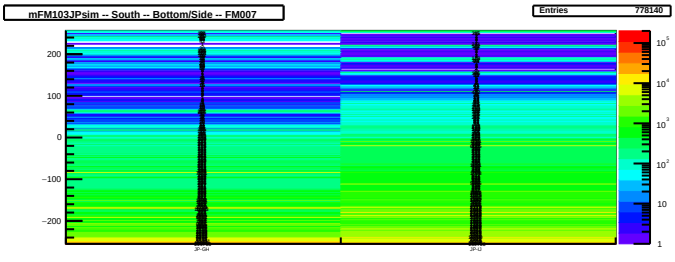
J(23)


mFM103JP -- South -- Bottom/Side -- FM007
Entries 2764030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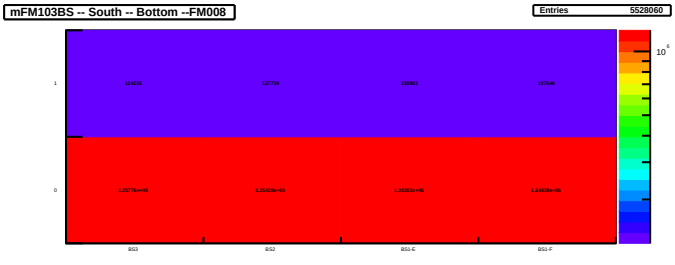
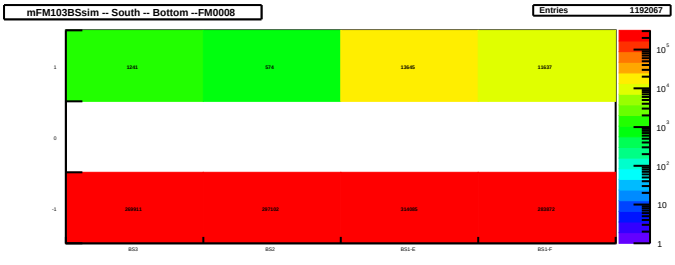
Entries 778140


mFM103BS -- South -- Bottom --FM008
Entries 5528060
BS3
BS2
BS1-E
BS1-F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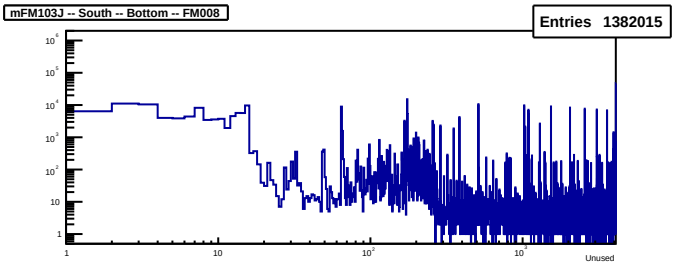
Entries 1192067
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Bottom -- FM008
Entries 1382015
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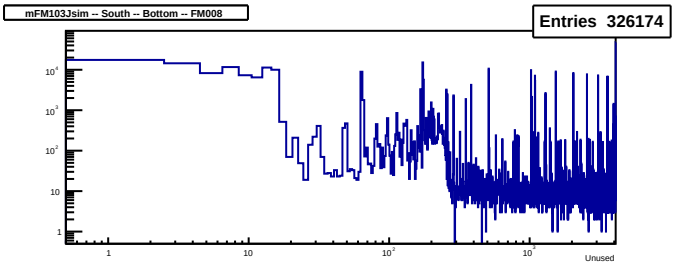
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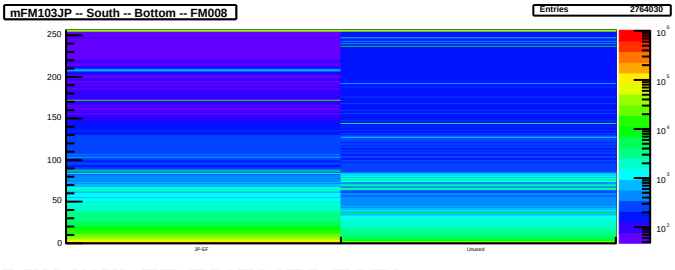
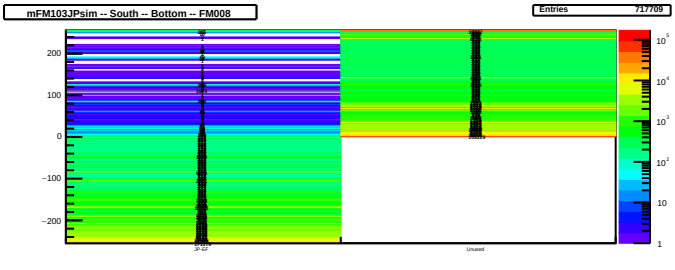
Entries 326174
Unused


mFM103JP -- South -- Bottom -- FM008
Entries 2764030
Unused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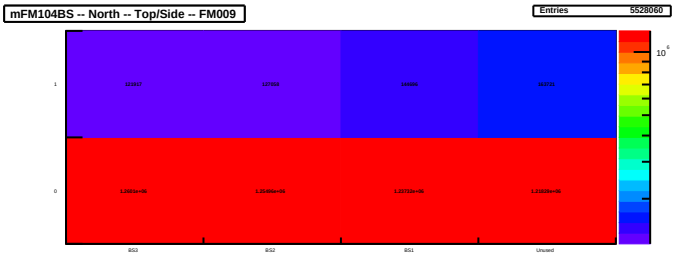
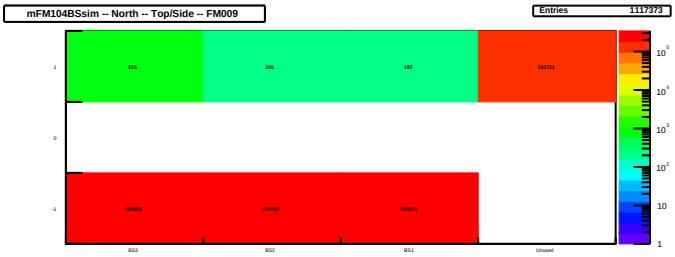
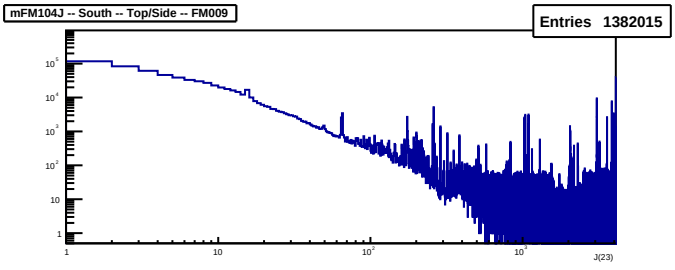
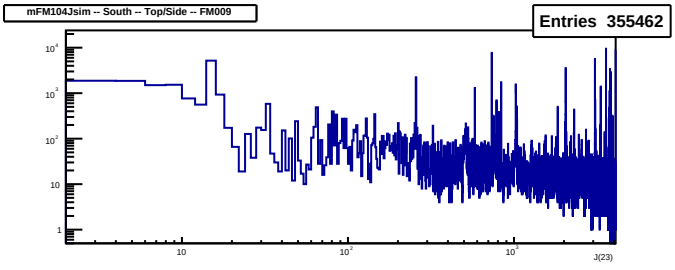
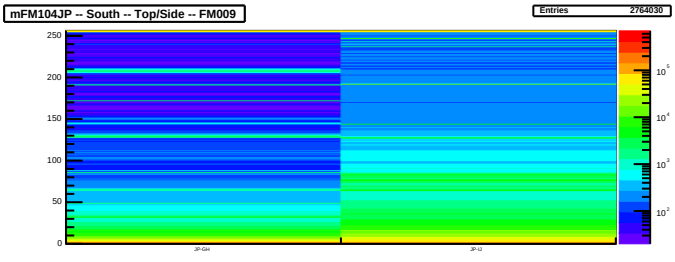
Entries 717709
Unused

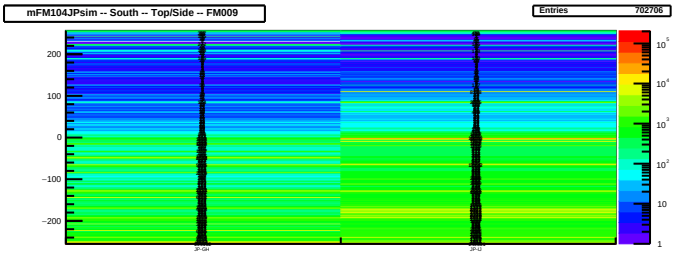

mFM104BS -- North -- Top/Side -- FM009
Entries 5528060

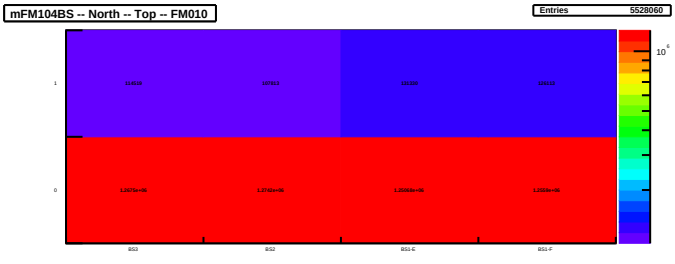

mFM104BSsim -- North -- Top/Side -- FM009
Entries 1117373

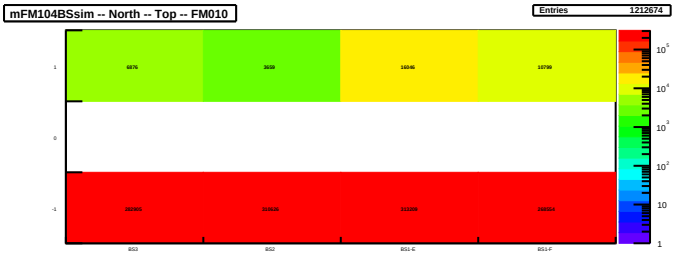

mFM104J -- South -- Top/Side -- FM009
Entries 1382015
J(23)

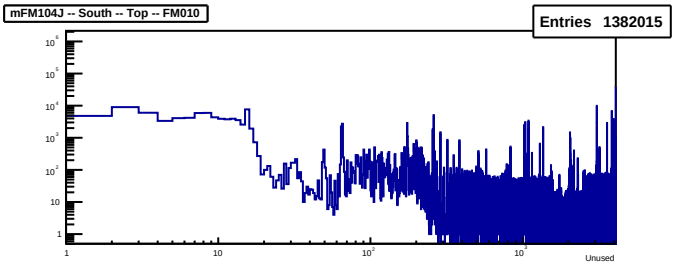

mFM104Jsim -- South -- Top/Side -- FM009
Entries 355462
J(23)

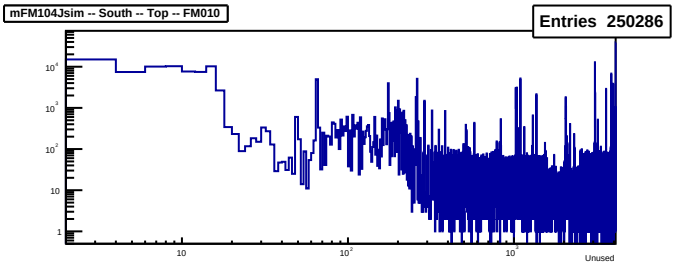

mFM104JP -- South -- Top/Side -- FM009
Entries 2764030

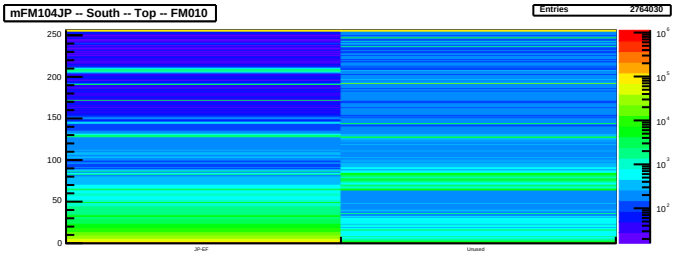

mFM104JPsim -- South -- Top/Side -- FM009
Entries 702706

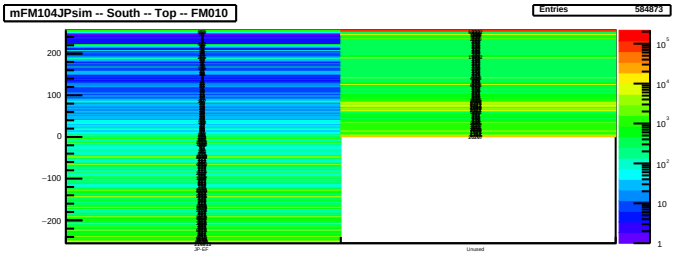

mFM104BS -- North -- Top -- FM010
Entries 5528060

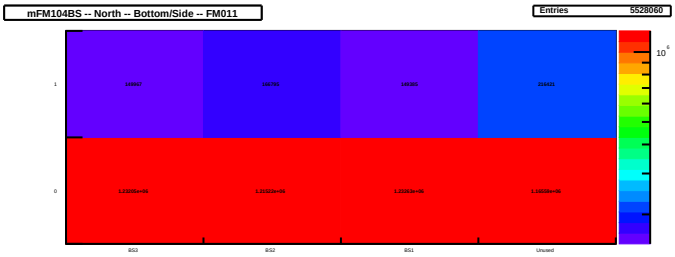

mFM104BSsim -- North -- Top -- FM010
Entries 1212674

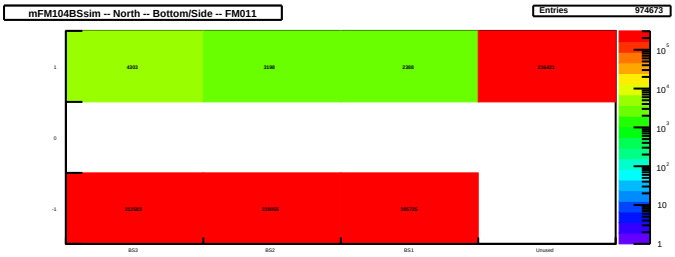

mFM104J -- South -- Top -- FM010
Entries 1382015
Unused

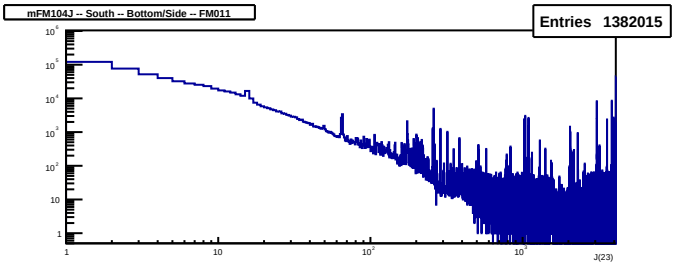

mFM104Jsim -- South -- Top -- FM010
Entries 250286
Unused

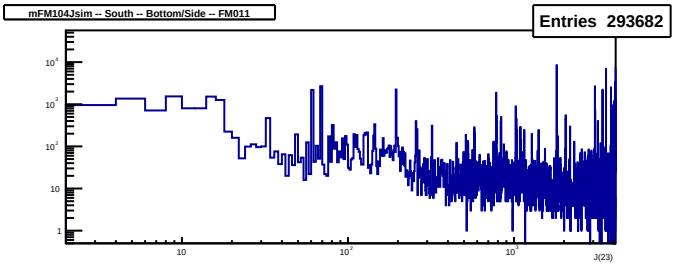

mFM104JP -- South -- Top -- FM010
Entries 2764030

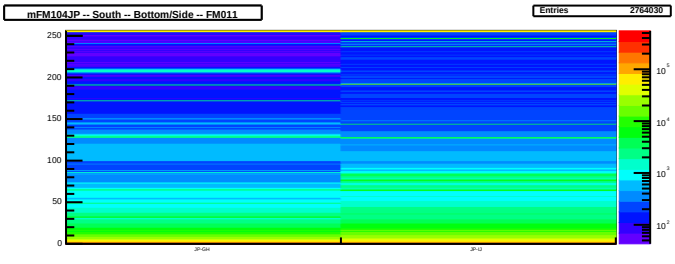

mFM104JPsim -- South -- Top -- FM010
Entries 584873

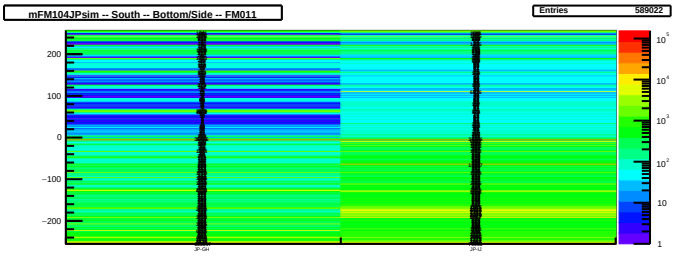

mFM104BS -- North -- Bottom/Side -- FM011
Entries 5528060


mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 974673


mFM104J -- South -- Bottom/Side -- FM011
Entries 1382015
J(23)


mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 293682
J(23)


mFM104JP -- South -- Bottom/Side -- FM011
Entries 2764030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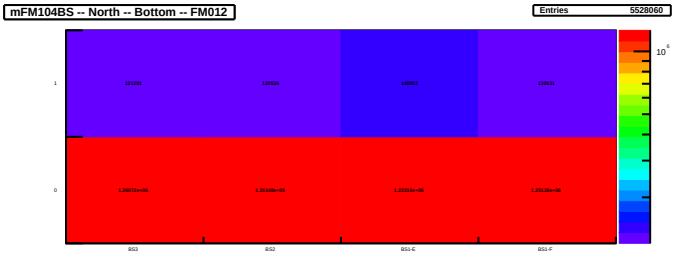
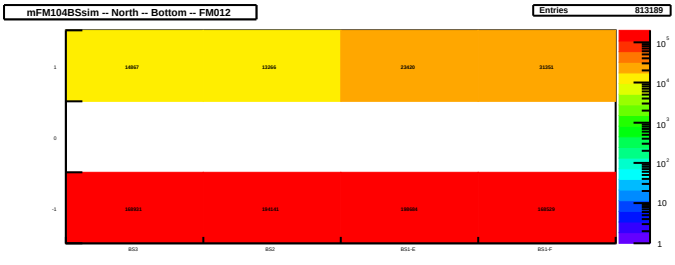
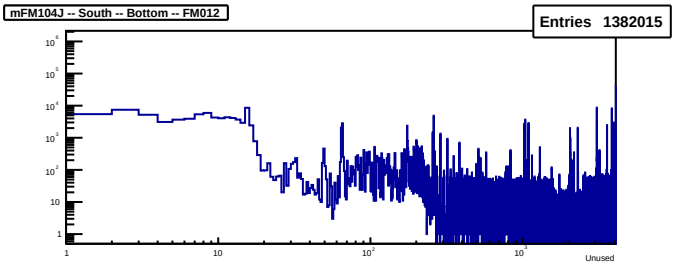
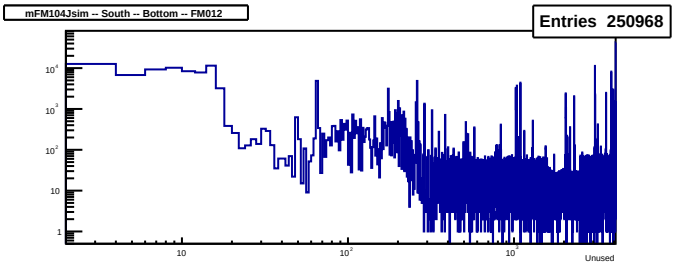
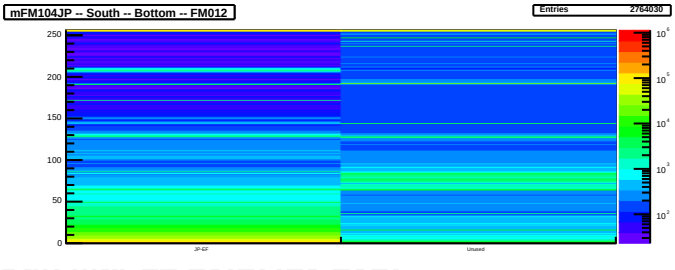
Entries 589022

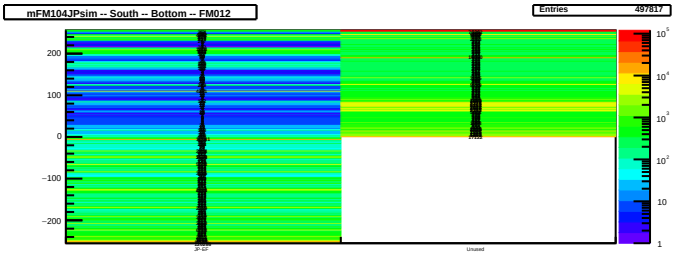

mFM104BS -- North -- Bottom -- FM012
Entries 5528060

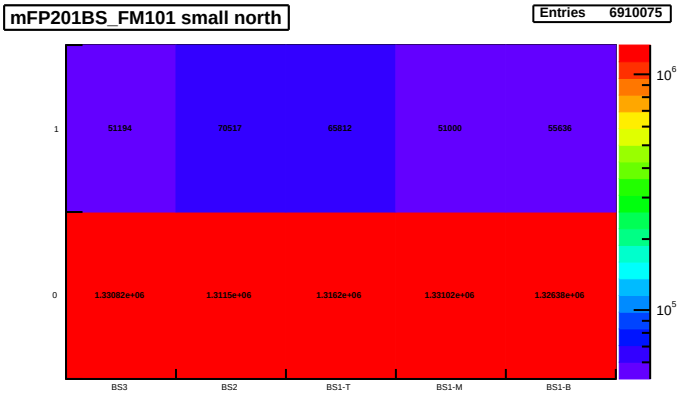

mFM104BSsim -- North -- Bottom -- FM012
Entries 813189

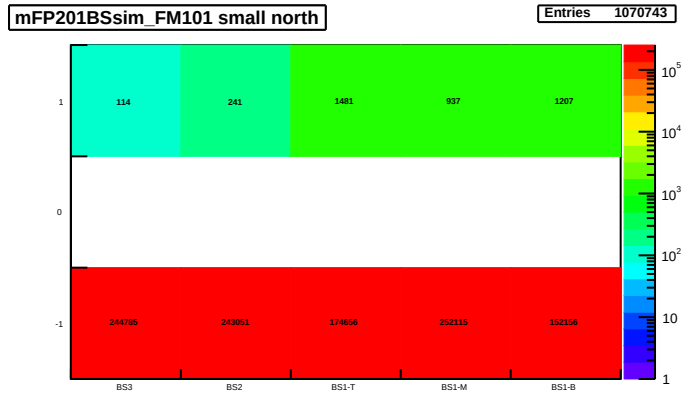

mFM104J -- South -- Bottom -- FM012
Entries 1382015
Unused

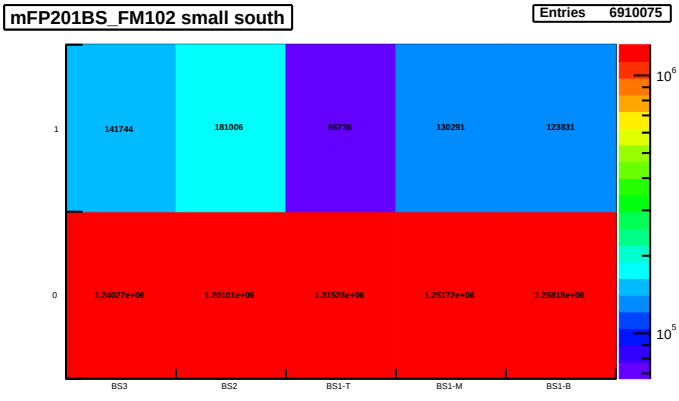

mFM104Jsim -- South -- Bottom -- FM012
Entries 250968
Unused

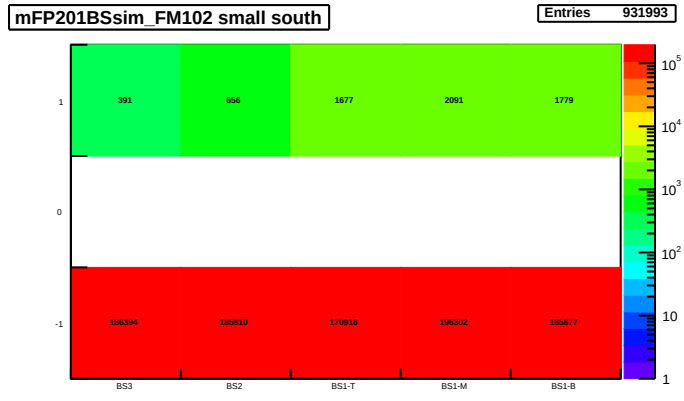

mFM104JP -- South -- Bottom -- FM012
Entries 2764030

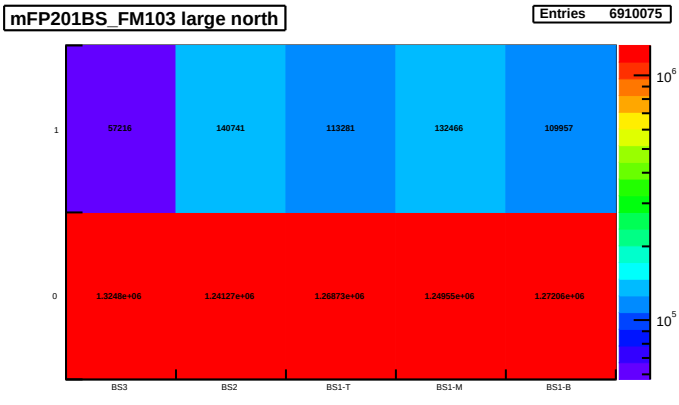

mFM104JPsim -- South -- Bottom -- FM012
Entries 497817

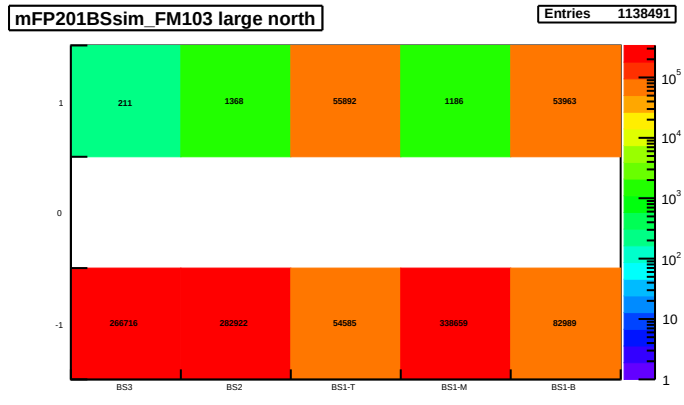

mFP201BS_FM101 small north
Entries 6910075
51194
70517
65812
51000
55636
1.33082e+06
1.3115e+06
1.3162e+06
1.33102e+06
1.32638e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

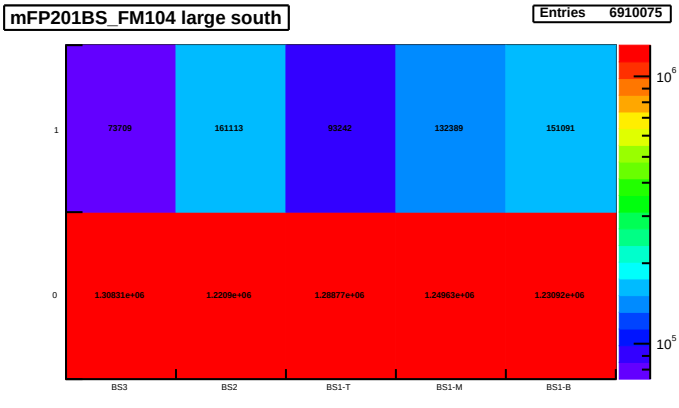

mFP201BSsim_FM101 small north
Entries 1070743
114
241
1481
937
1207
244785
243051
174656
252115
152156
BS3
BS2
BS1-T
BS1-M
BS1-B

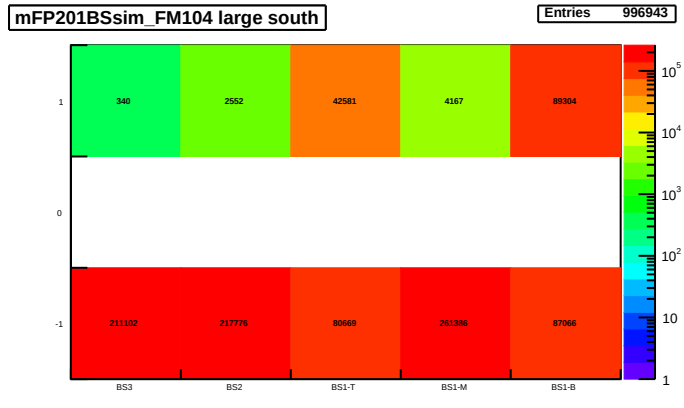

mFP201BS_FM102 small south
Entries 6910075
141744
181006
66736
130291
123831
1.24027e+06
1.20101e+06
1.31528e+06
1.25172e+06
1.25818e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

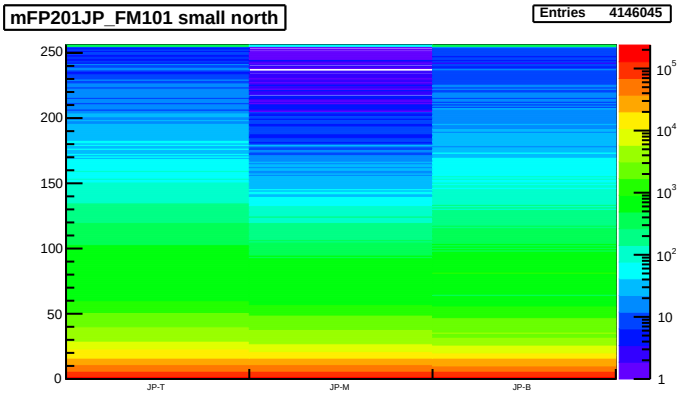

mFP201BSsim_FM102 small south
Entries 931993
391
656
1677
2091
1779
186394
185910
170916
196302
185877
BS3
BS2
BS1-T
BS1-M
BS1-B

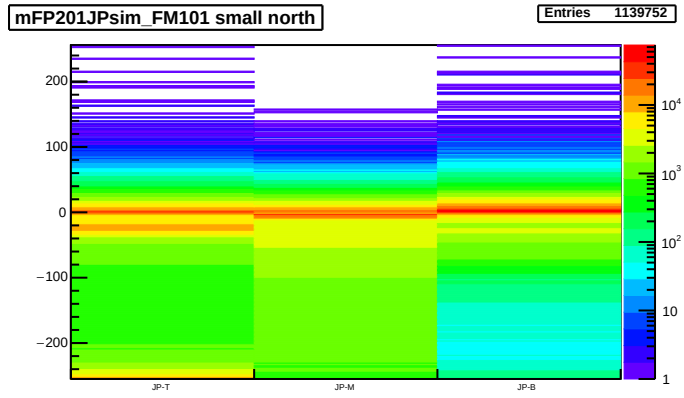

mFP201BS_FM103 large north
Entries 6910075
57216
140741
113281
132466
109957
1.3248e+06
1.24127e+06
1.26873e+06
1.24955e+06
1.27206e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

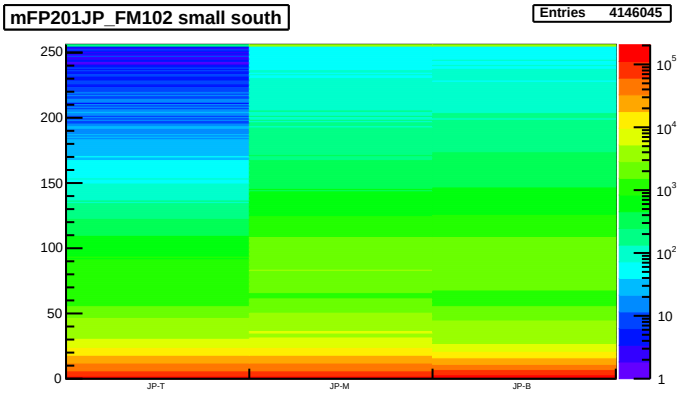

mFP201BSsim_FM103 large north
Entries 1138491
211
1368
55892
1186
53963
266716
282922
54585
338659
82989
BS3
BS2
BS1-T
BS1-M
BS1-B

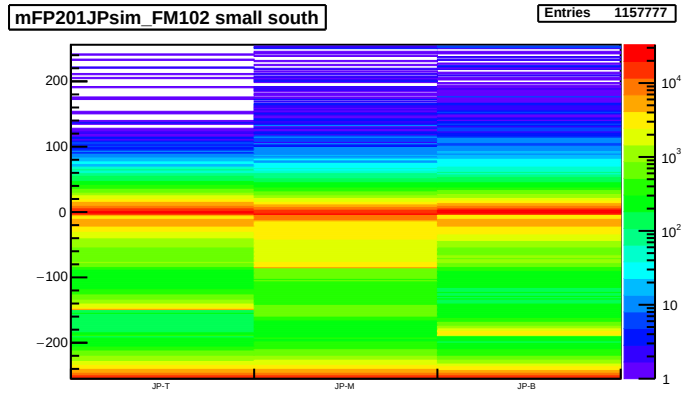

mFP201BS_FM104 large south
Entries 6910075
73709
161113
93242
132389
151091
1.30831e+06
1.2209e+06
1.28877e+06
1.24963e+06
1.23092e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

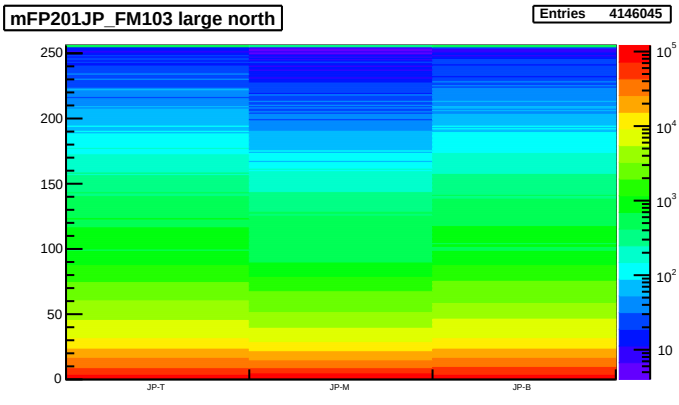

mFP201BSsim_FM104 large south
Entries 996943
340
2552
42581
4167
89304
211102
217776
80669
261386
87066
BS3
BS2
BS1-T
BS1-M
BS1-B

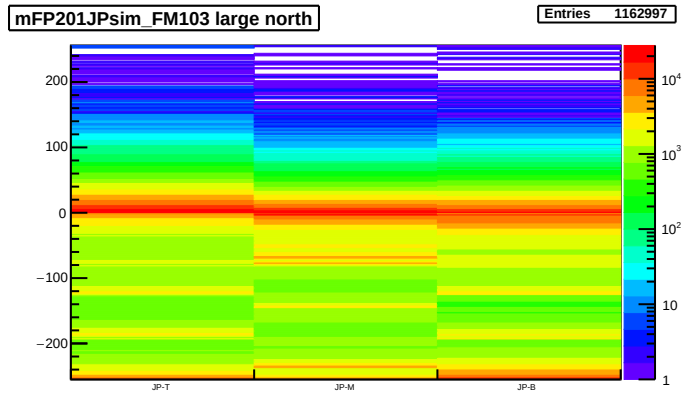

mFP201JP_FM101 small north
Entries 4146045
JP-T
JP-M
JP-B

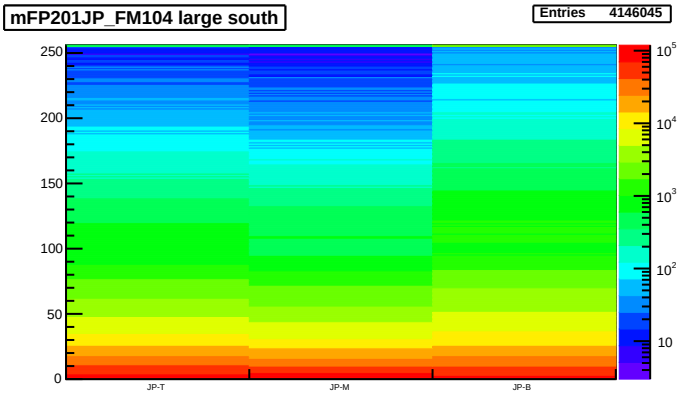

mFP201JPsim_FM101 small north
Entries 1139752
JP-T
JP-M
JP-B

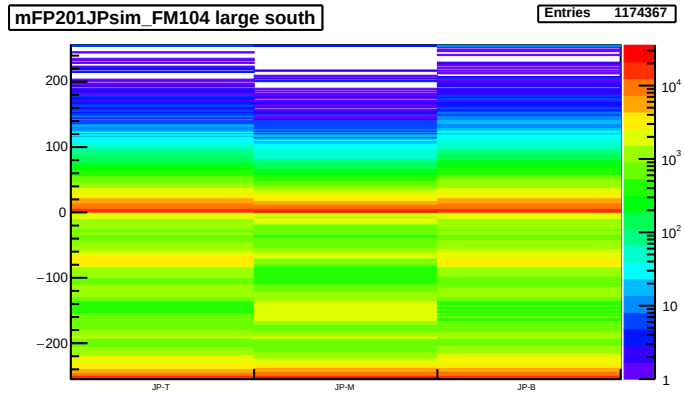

mFP201JP_FM102 small south
Entries 4146045
JP-T
JP-M
JP-B

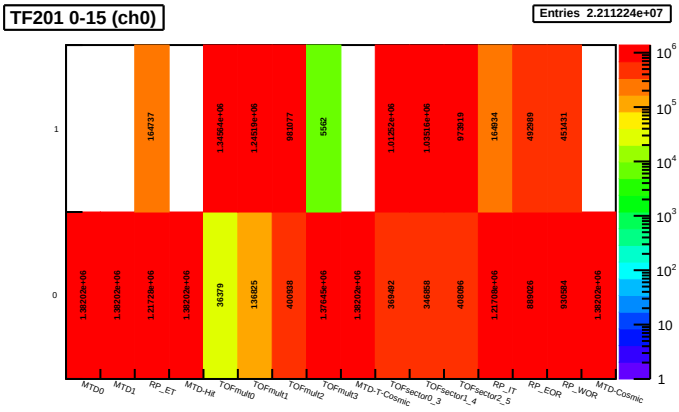

mFP201JPsim_FM102 small south
Entries 1157777
JP-T
JP-M
JP-B

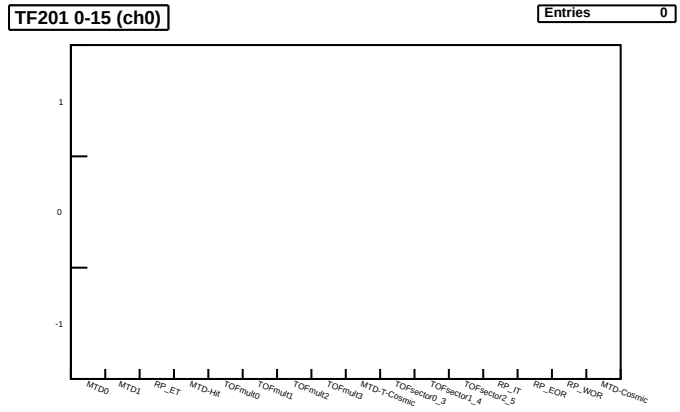

mFP201JP_FM103 large north
Entries 4146045
JP-T
JP-M
JP-B

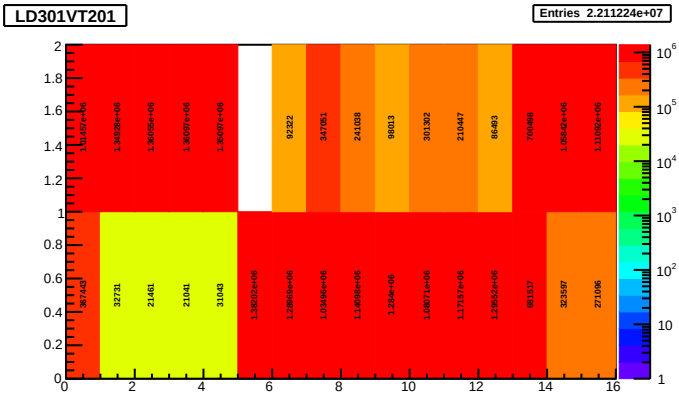

mFP201JPsim_FM103 large north
Entries 1162997
JP-T
JP-M
JP-B

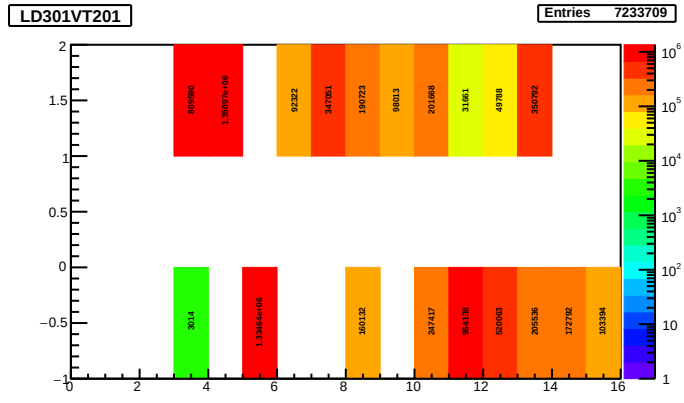

mFP201JP_FM104 large south
Entries 4146045
JP-T
JP-M
JP-B

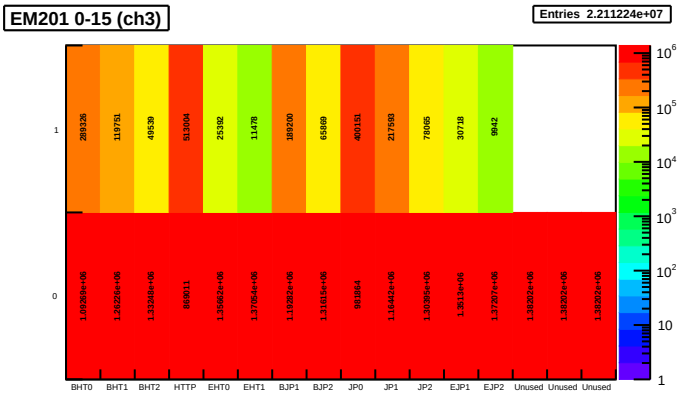

mFP201JPsim_FM104 large south
Entries 1174367
JP-T
JP-M
JP-B

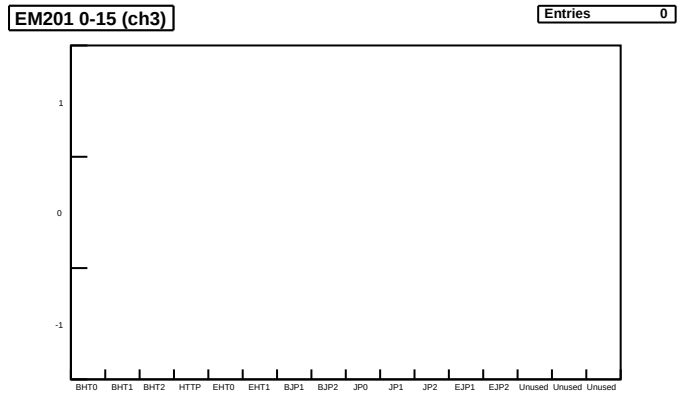

TF201 0-15 (ch0)
Entries 2.211224e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

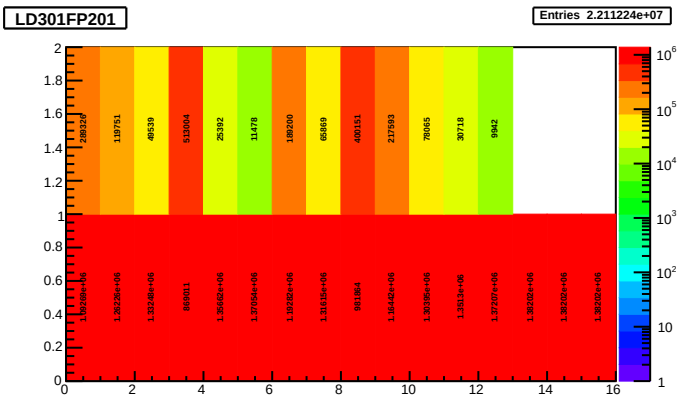

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

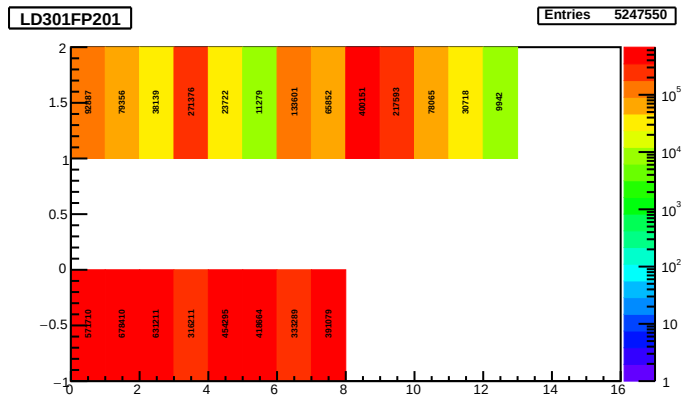

LD301VT201
Entries 2.211224e+07


LD301VT201
Entries 7233709


EM201 0-15 (ch3)
Entries 2.211224e+07
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


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


LD301FP201
Entries 2.211224e+07


LD301FP201
Entries 5247550