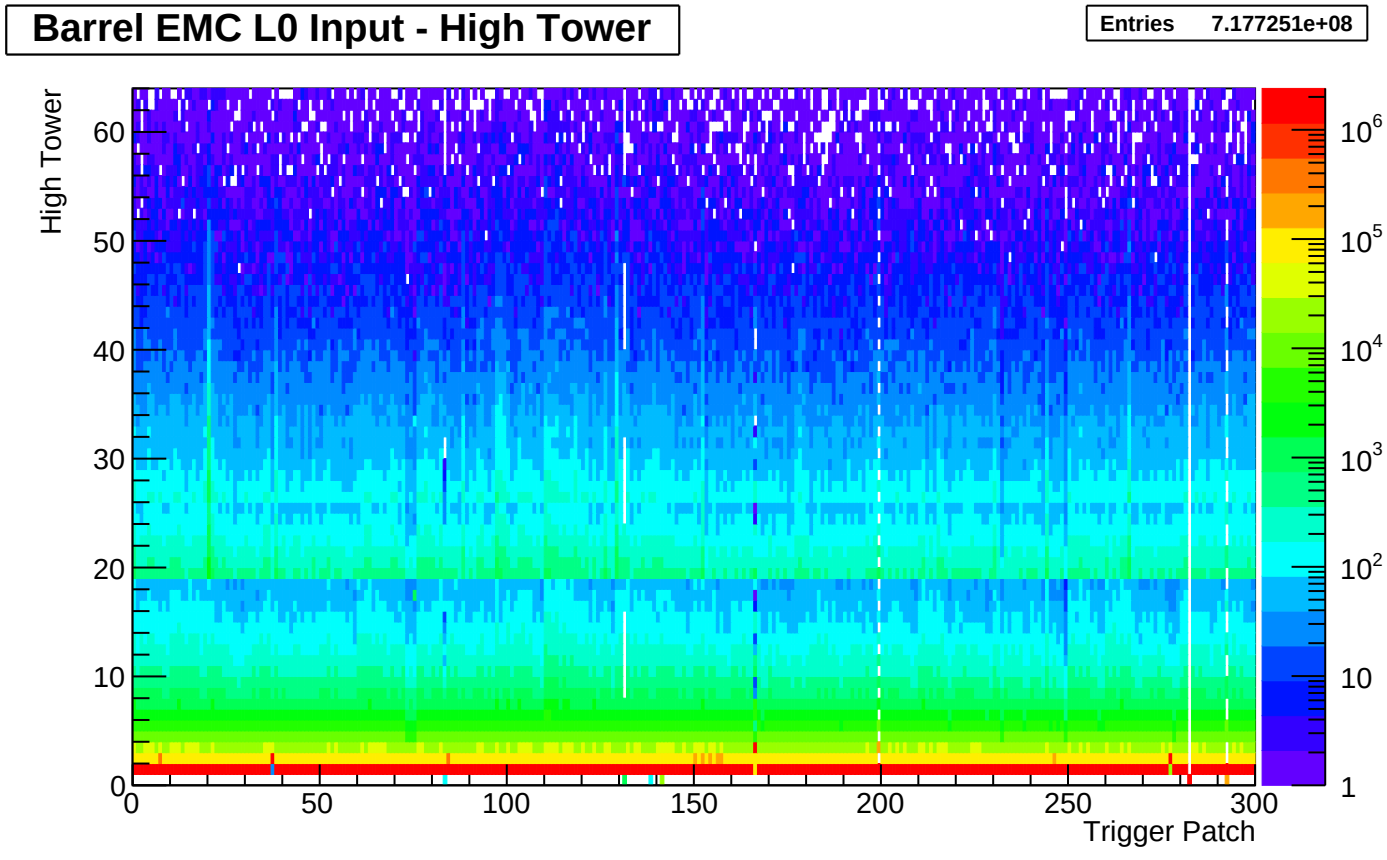
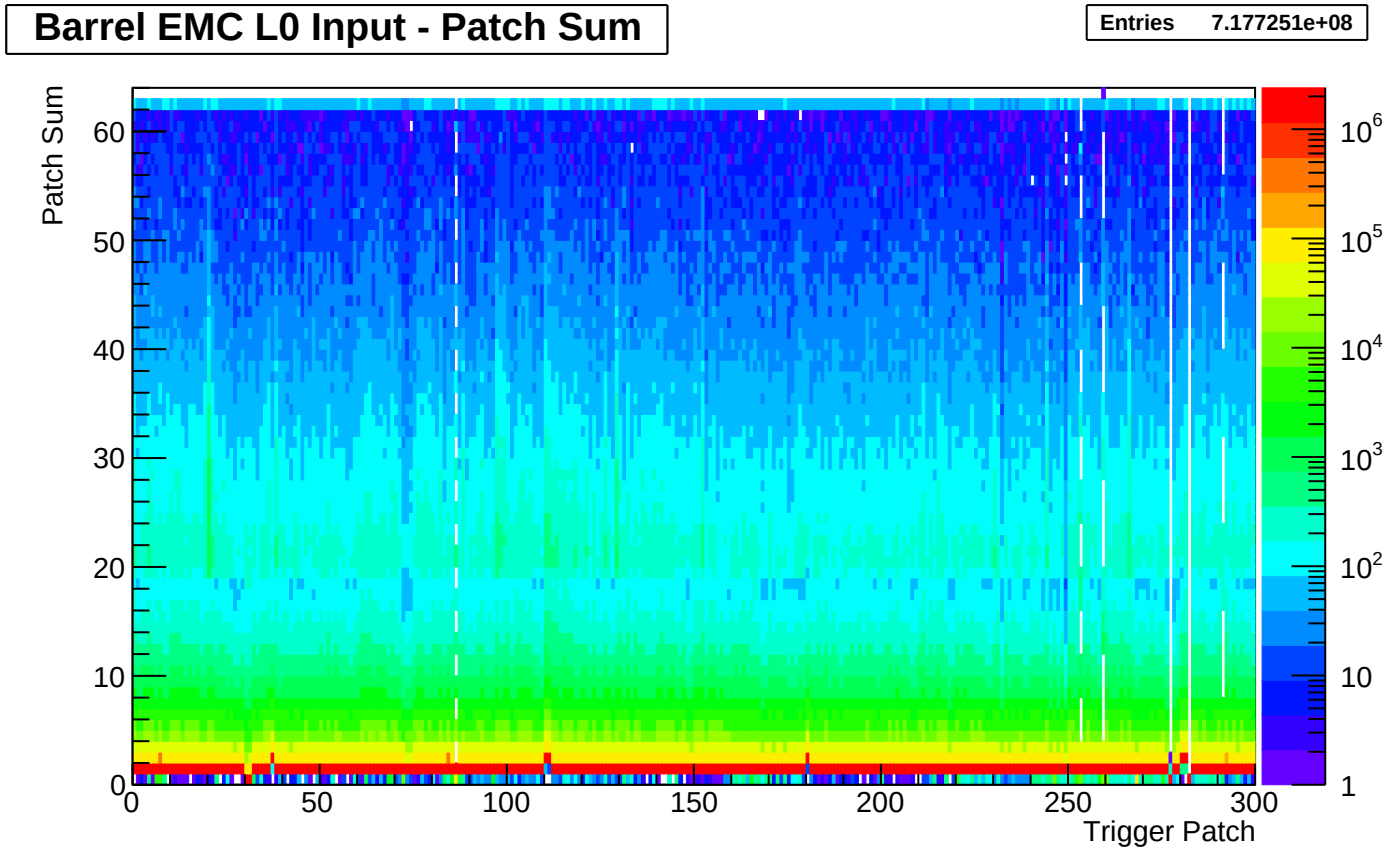
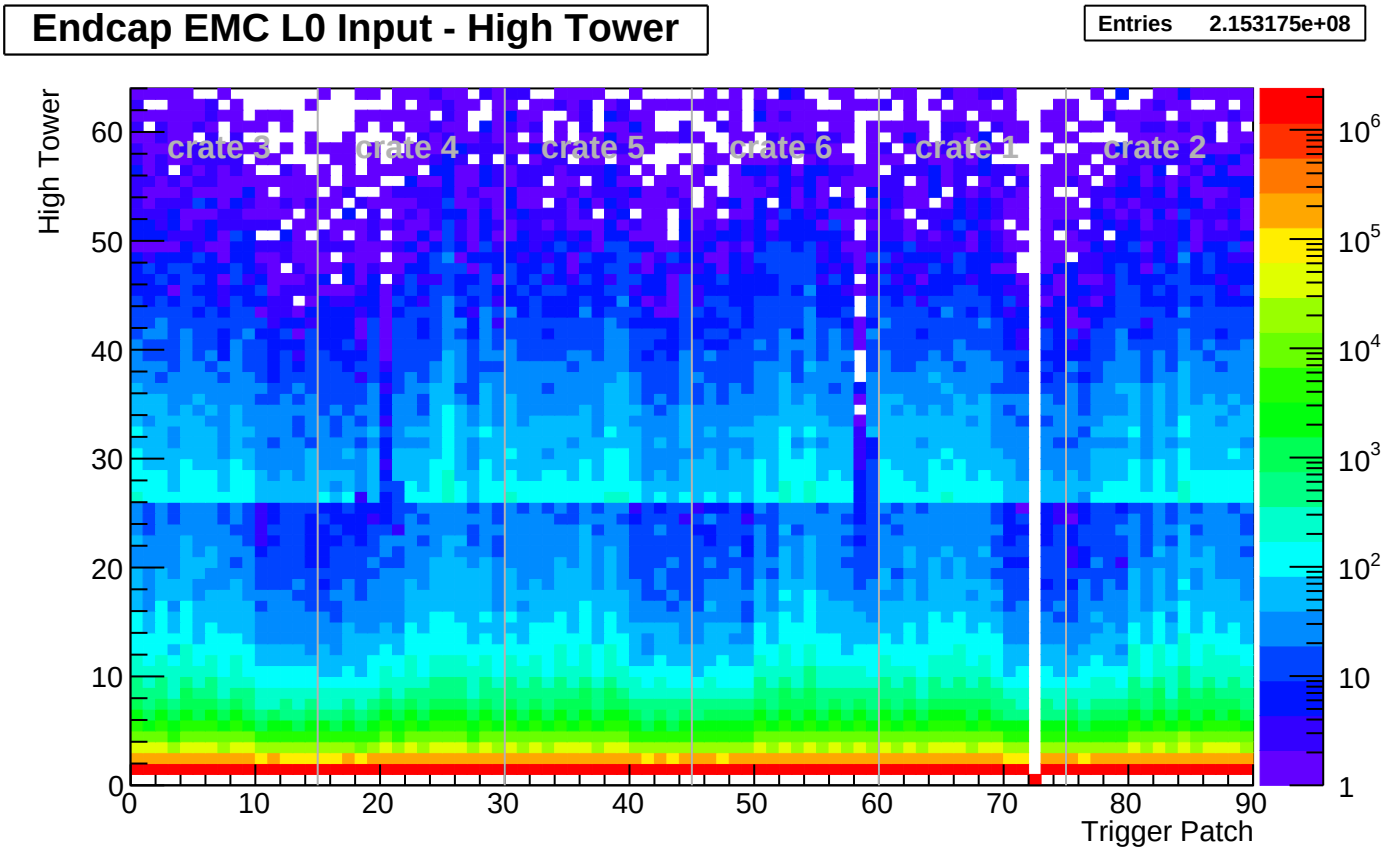
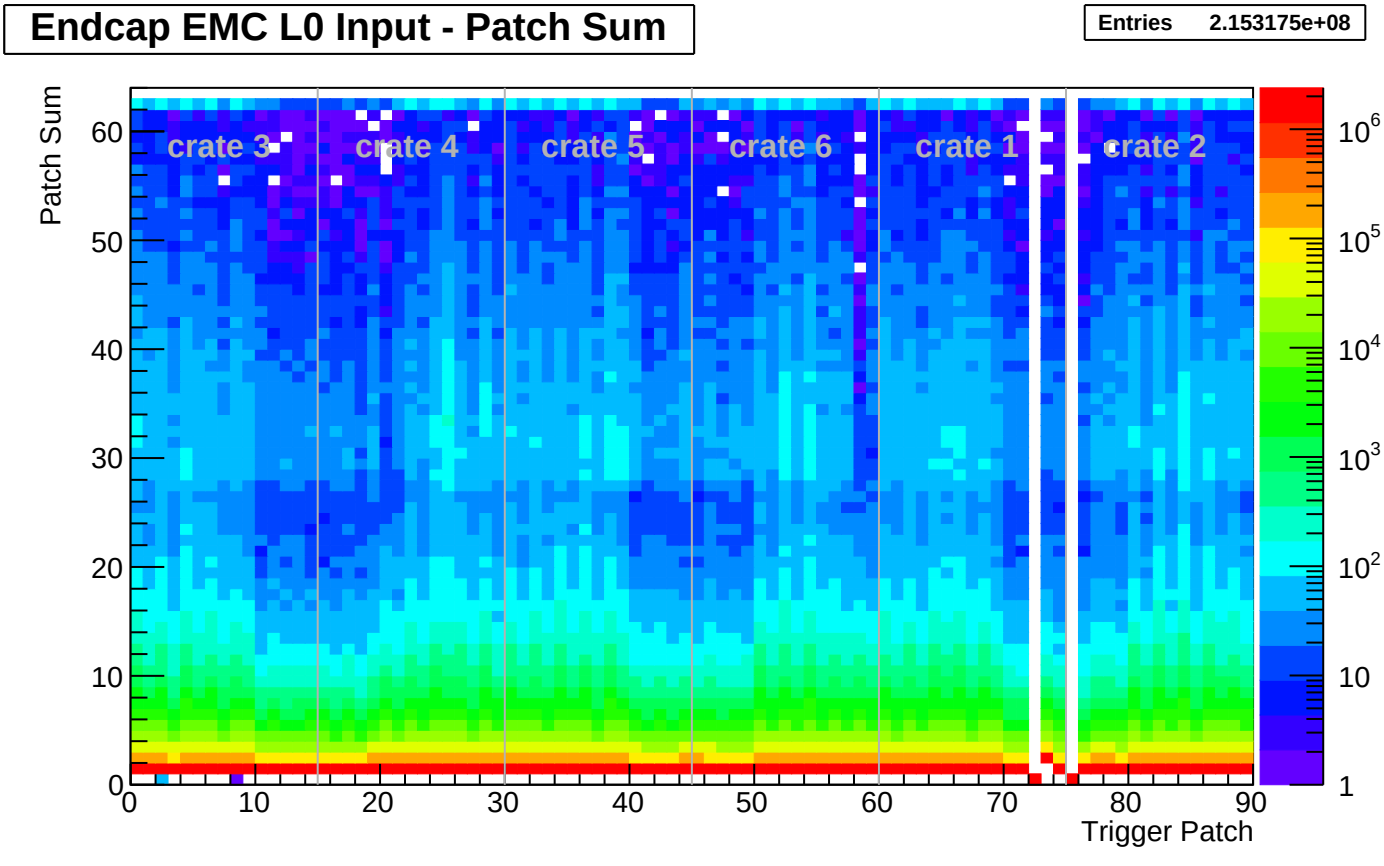
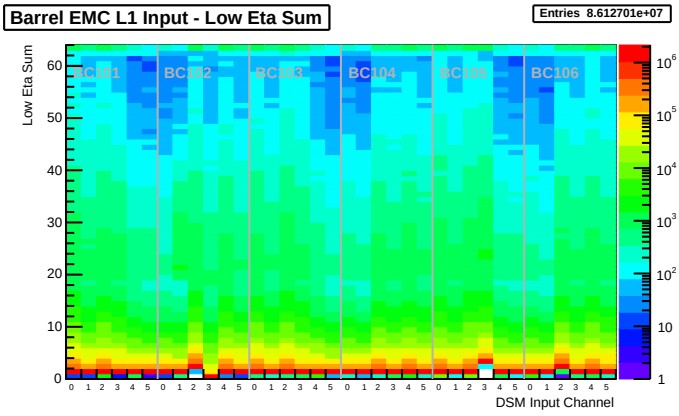
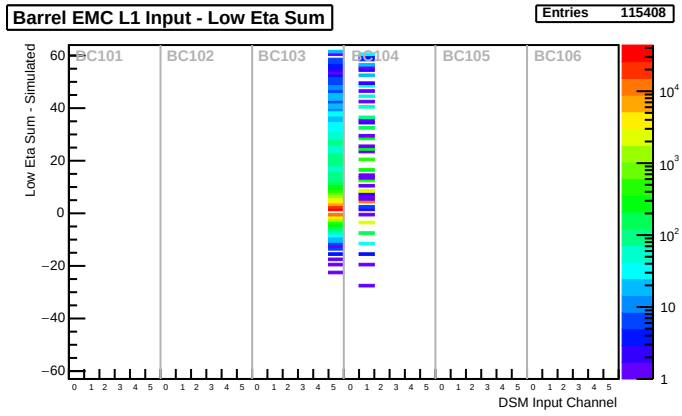

Barrel EMC L0 Input - High Tower
Entries 7.177251e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

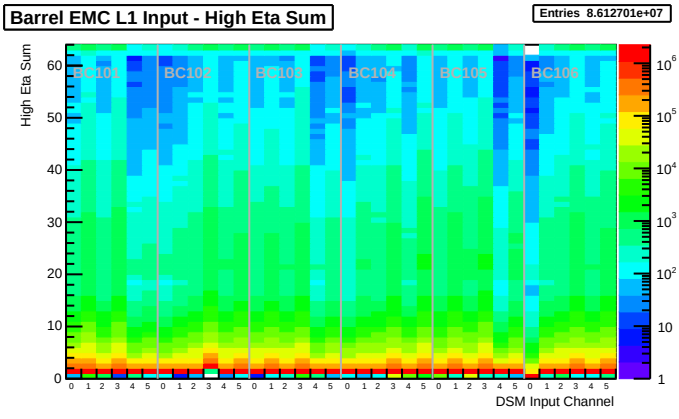

Barrel EMC L0 Input - Patch Sum
Entries 7.177251e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

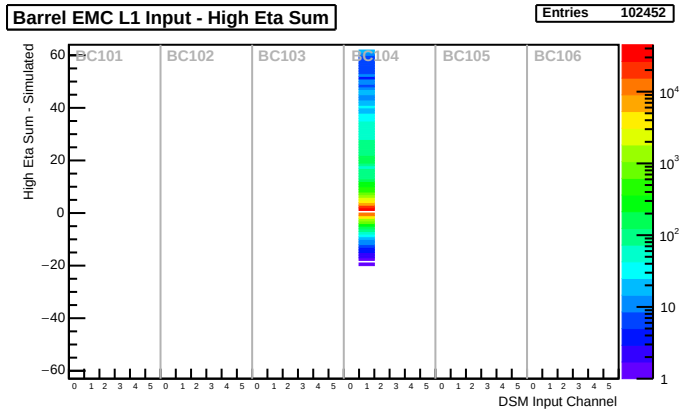

Endcap EMC L0 Input - High Tower
Entries 2.153175e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

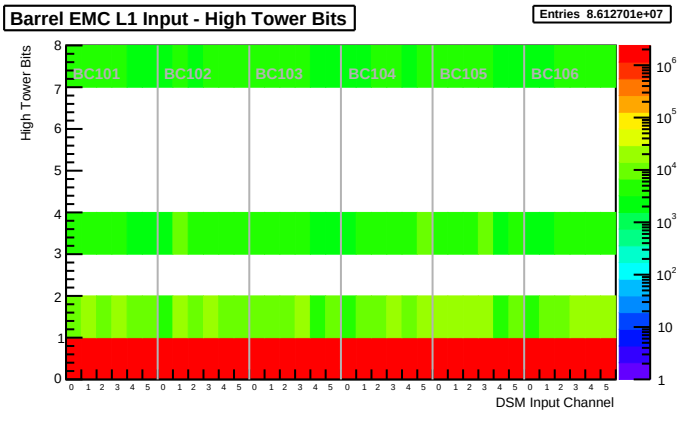

Endcap EMC L0 Input - Patch Sum
Entries 2.153175e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

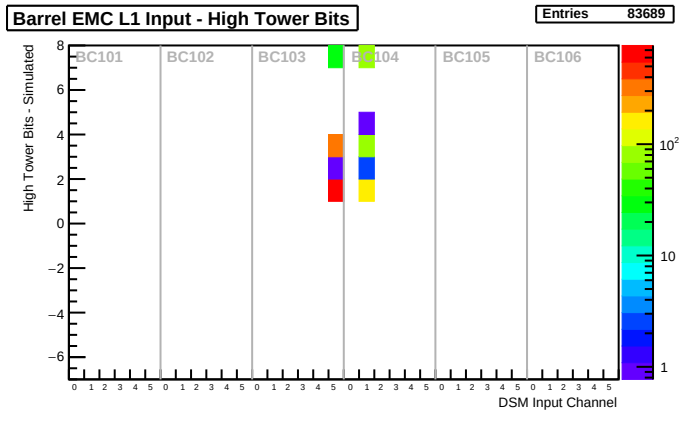

Barrel EMC L1 Input - Low Eta Sum
Entries 8.612701e+07
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

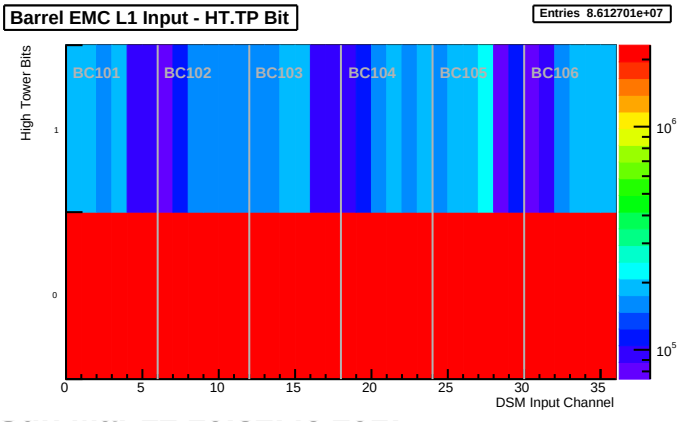

Barrel EMC L1 Input - Low Eta Sum
Entries 115408
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

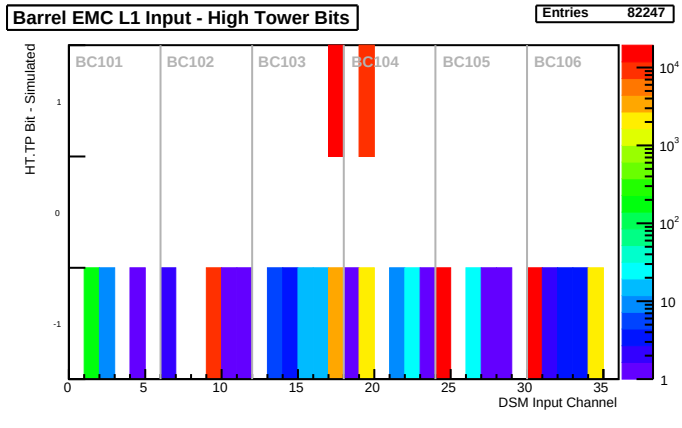

Barrel EMC L1 Input - High Eta Sum
Entries 8.612701e+07
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

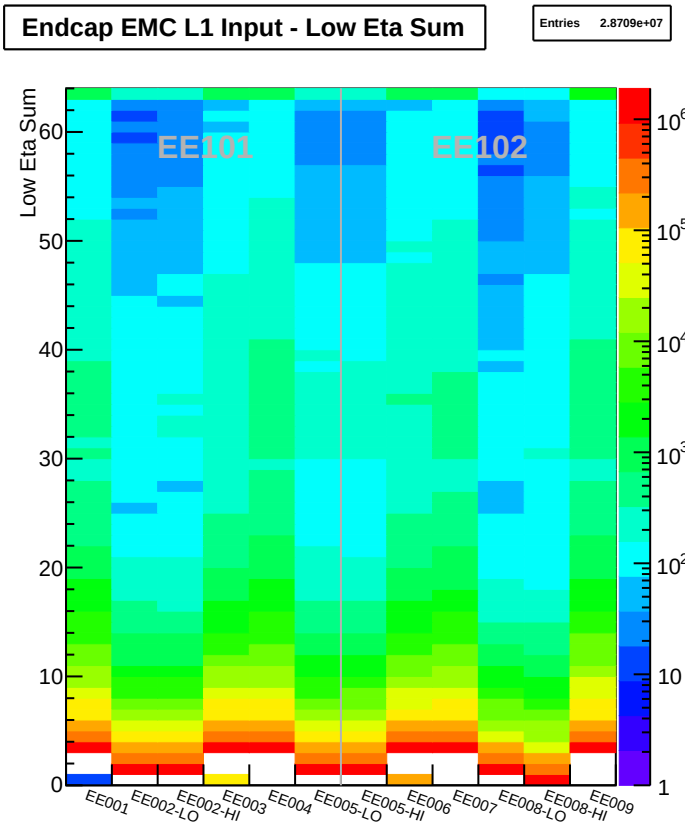

Barrel EMC L1 Input - High Eta Sum
Entries 102452
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

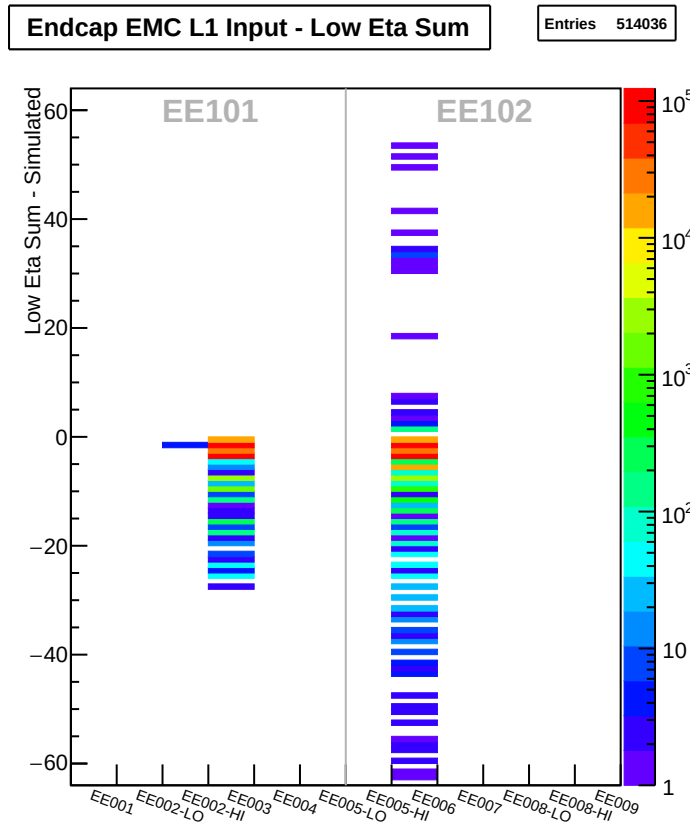

Barrel EMC L1 Input - High Tower Bits
Entries 8.612701e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

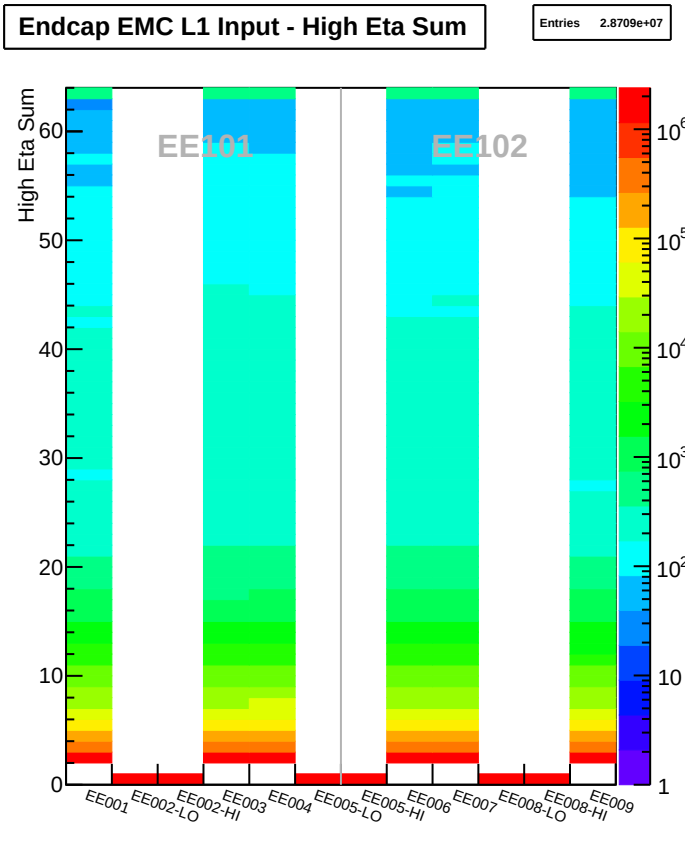

Barrel EMC L1 Input - High Tower Bits
Entries 83689
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

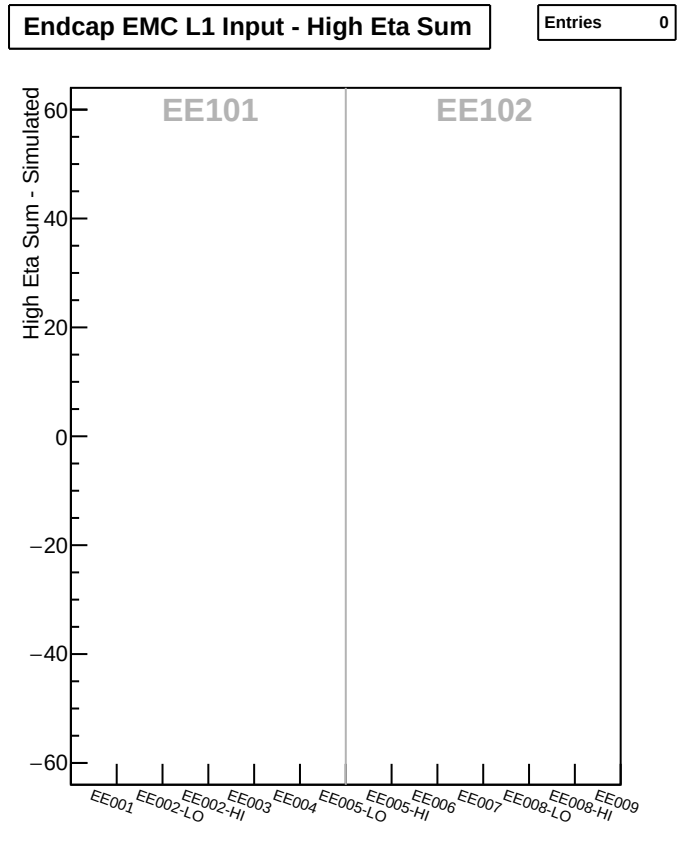

Barrel EMC L1 Input - HT.TP Bit
Entries 8.612701e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel


Barrel EMC L1 Input - High Tower Bits
Entries 82247
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel


Endcap EMC L1 Input - Low Eta Sum
Entries 2.8709e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

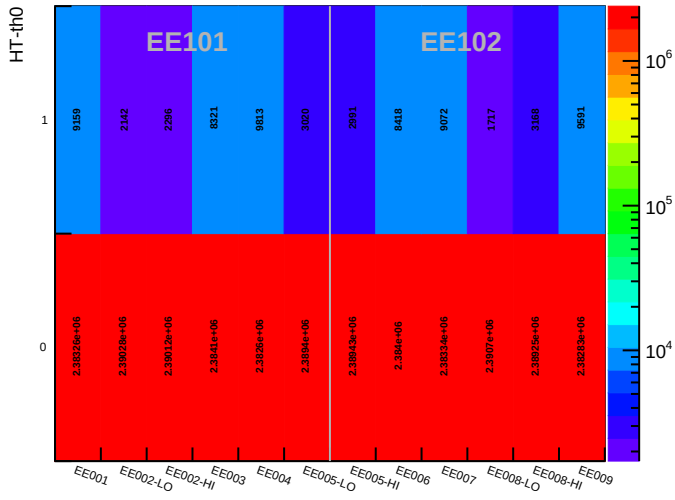

Endcap EMC L1 Input - Low Eta Sum
Entries 514036
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009


Endcap EMC L1 Input - High Eta Sum
Entries 2.8709e+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

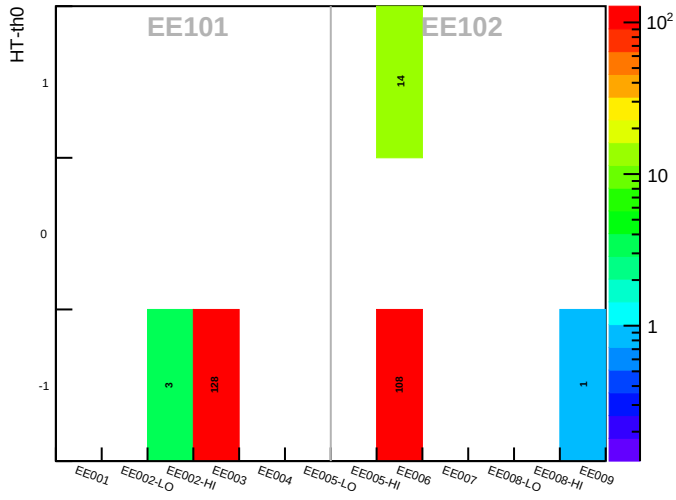
Endcap EMC L1 Input - HT-th0

Entries 2.8709e+07



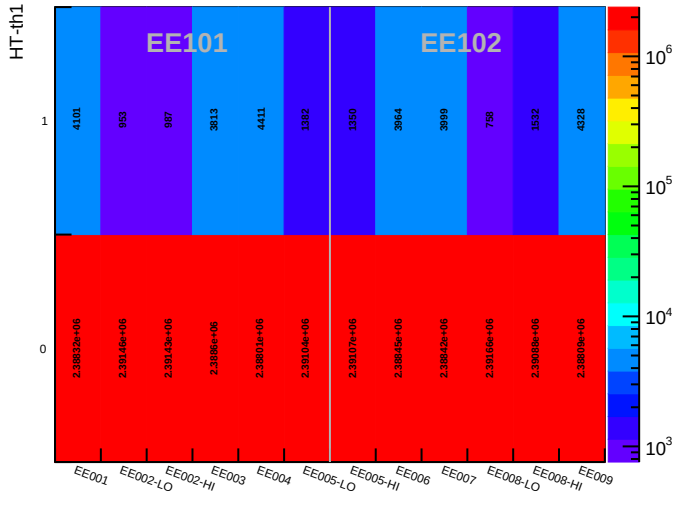
Endcap EMC L1 Input - HT-th0 Diff

Entries 254



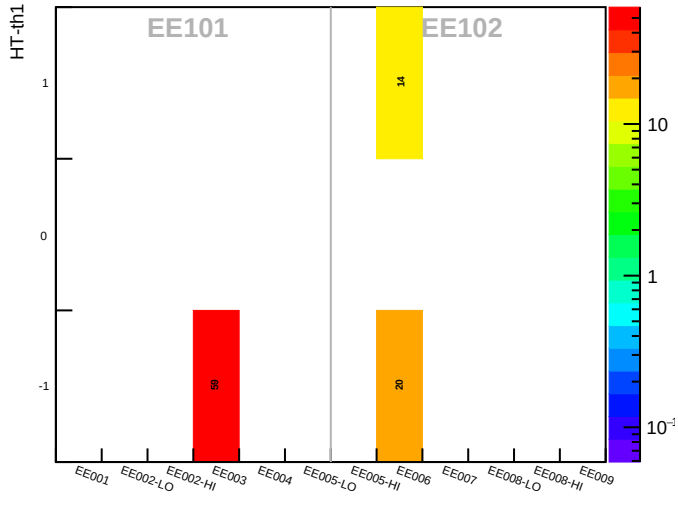
Endcap EMC L1 Input - HT-th1

Entries 2.8709e+07



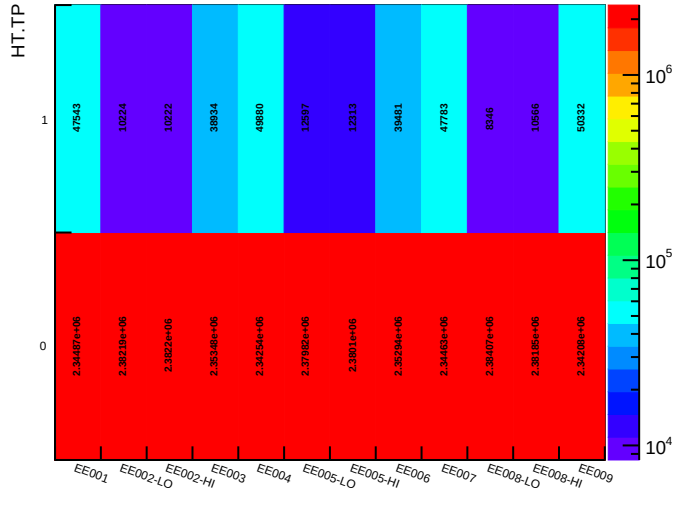
Endcap EMC L1 Input - HT-th1 Diff

Entries 93



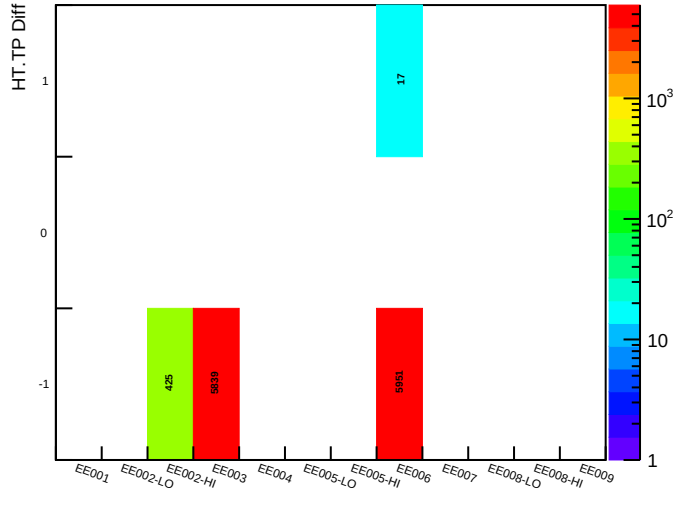
Endcap EMC L1 Input - HT.TP

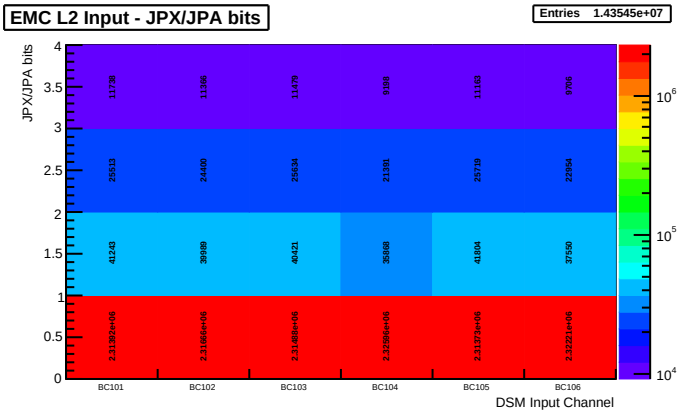
Entries 2.8709e+07

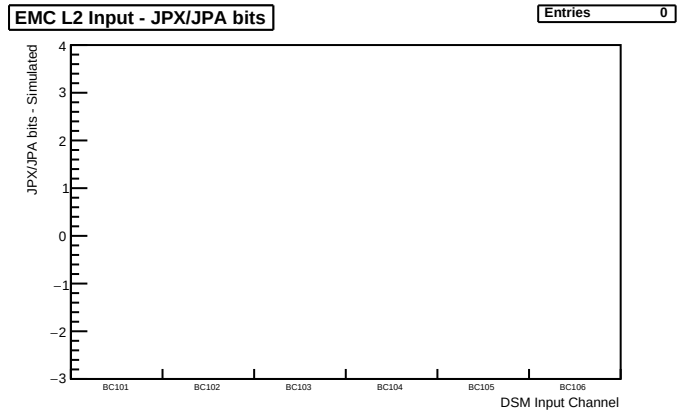


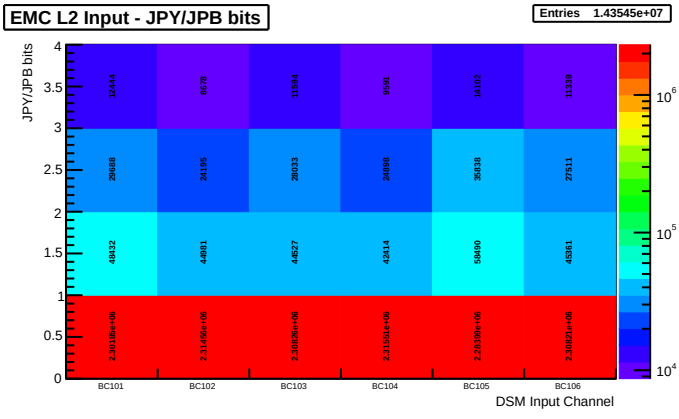
Endcap EMC L1 Input - HT.TP Diff

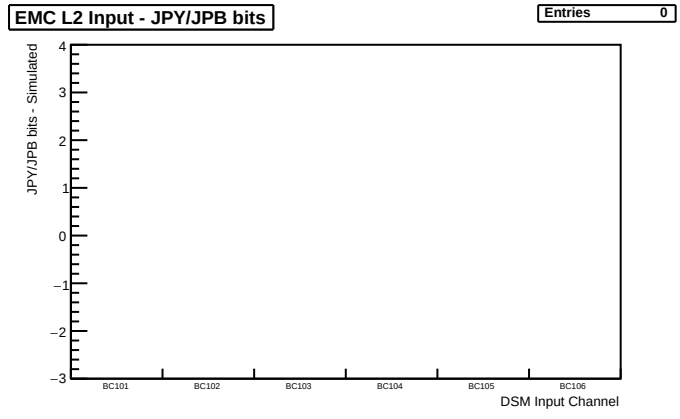
Entries 12232

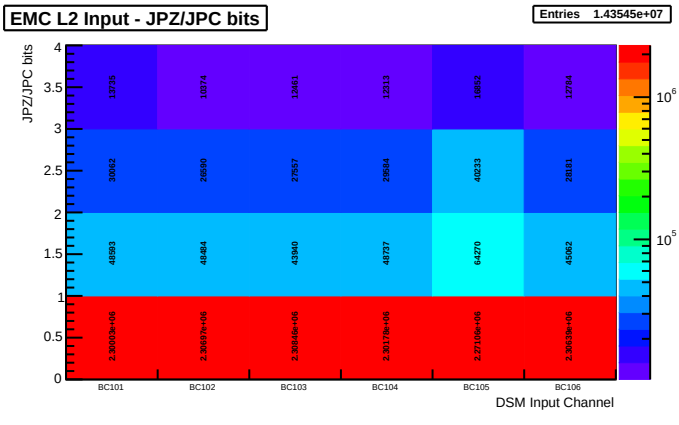


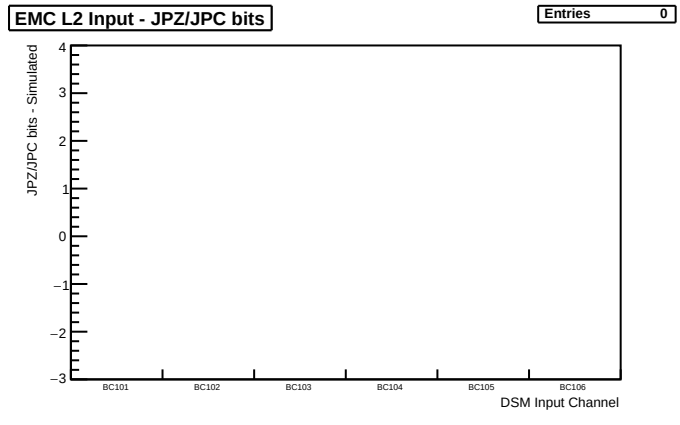

EMC L2 Input - JPX/JPA bits
Entries 1.43545e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
11728
11366
11479
9138
11183
9706
25513
24400
25634
21391
25719
22854
41243
39989
40421
35868
41904
37550
2.31392e+06
2.31666e+06
2.31468e+06
2.32956e+06
2.31374e+06
2.32221e+06

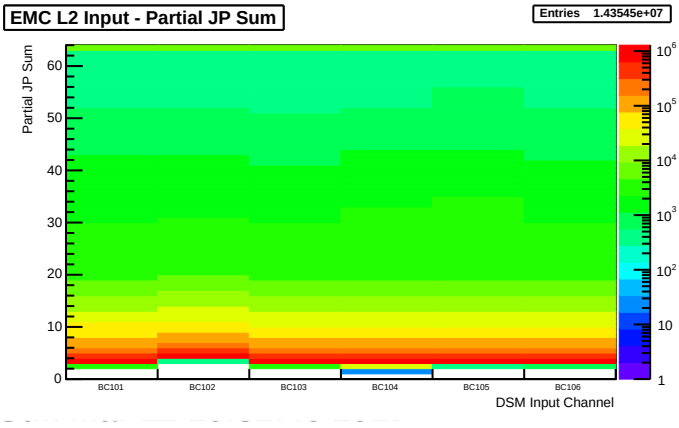

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

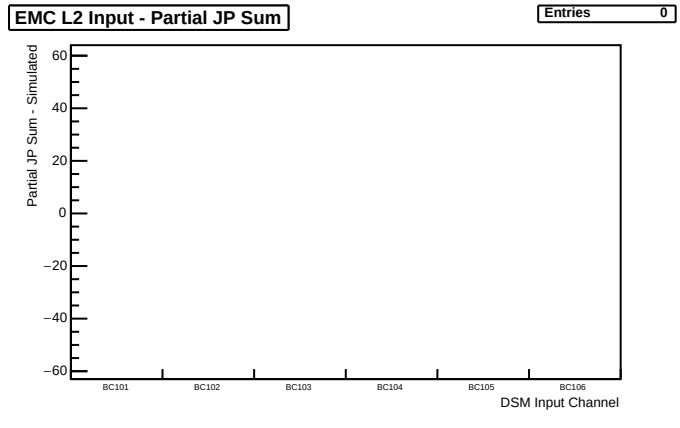

EMC L2 Input - JPY/JPB bits
Entries 1.43545e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
12444
8676
11594
9591
10102
11339
29488
24195
29033
26998
35838
27511
49432
44981
44527
42414
59490
45361
2.30185e+06
2.31456e+06
2.30626e+06
2.31551e+06
2.28399e+06
2.30821e+06

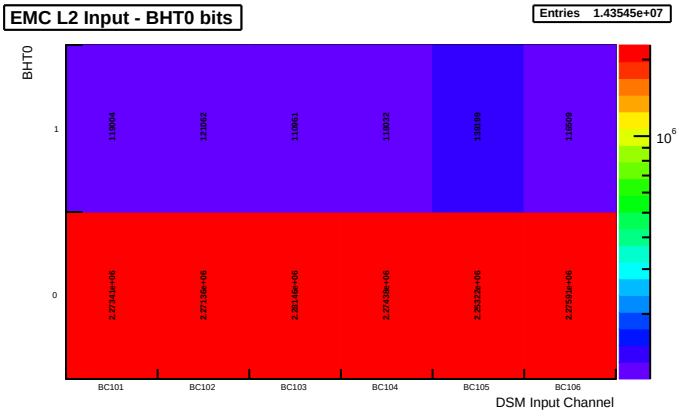

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

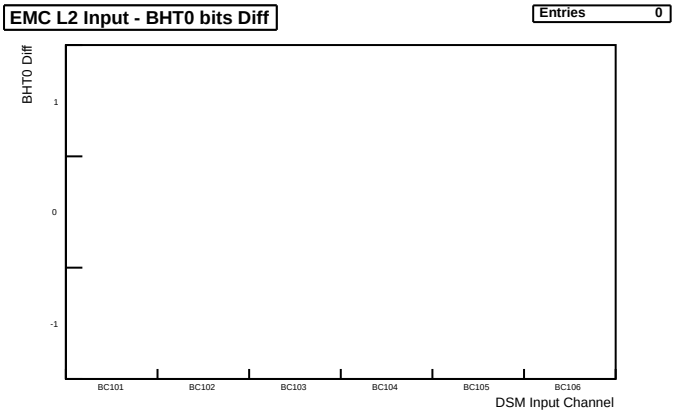

EMC L2 Input - JPZ/JPC bits
Entries 1.43545e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
13135
10374
12461
12313
16852
12784
30862
26590
27557
29534
40233
28181
48993
48484
43940
48737
64270
45962
2.30036e+06
2.30697e+06
2.30846e+06
2.30178e+06
2.27190e+06
2.30639e+06

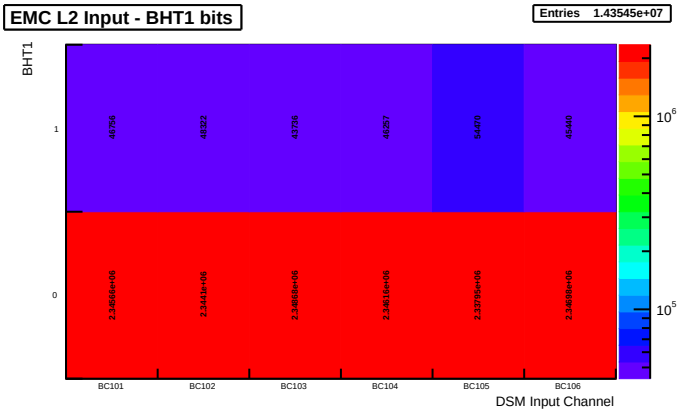

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

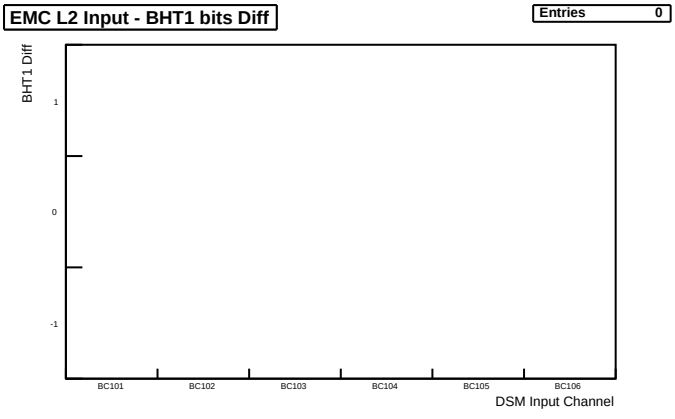

EMC L2 Input - Partial JP Sum
Entries 1.43545e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

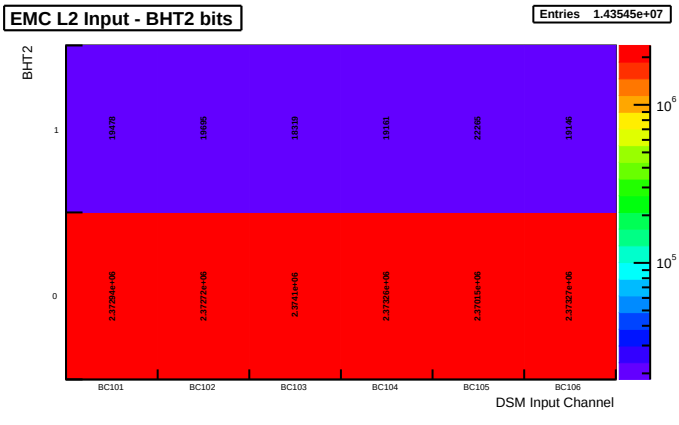

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

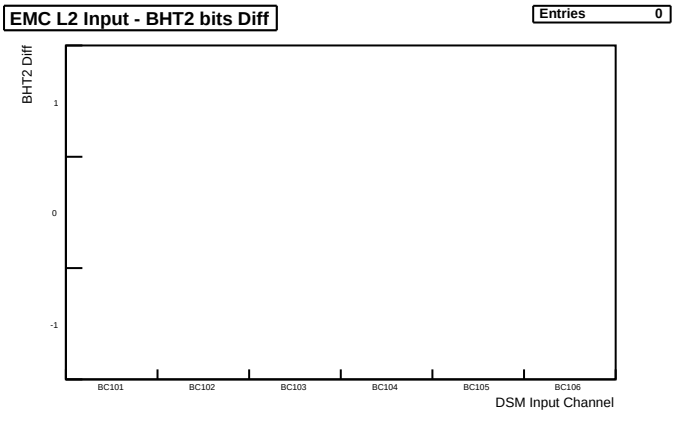

EMC L2 Input - BHT0 bits
Entries 1.43545e+07
BHT0
1
0
119004
121962
110961
118022
138199
116509
2.27341e+06
2.27139e+06
2.28149e+06
2.27418e+06
2.25322e+06
2.27591e+06
10^6
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

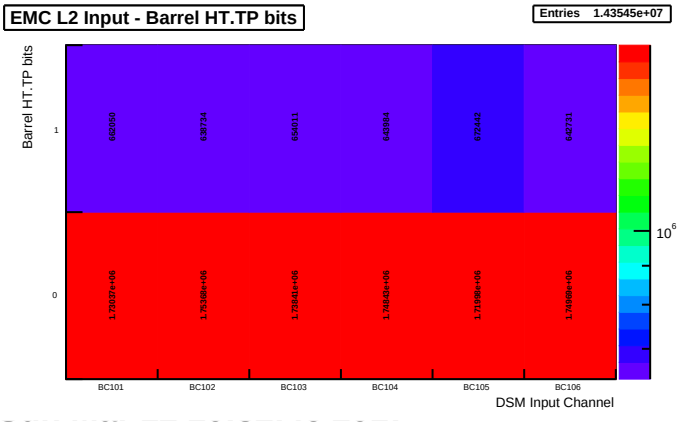

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

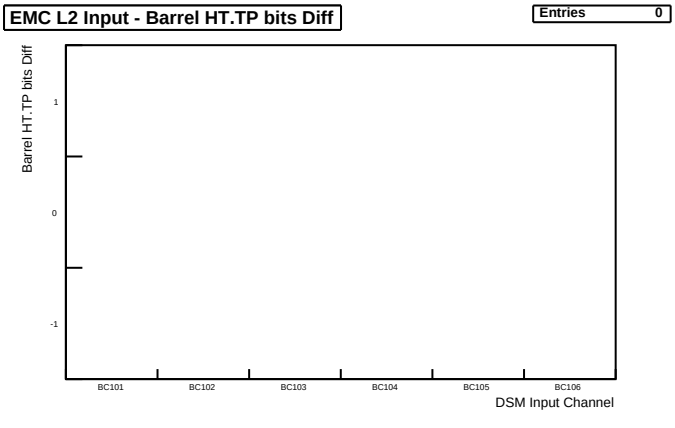

EMC L2 Input - BHT1 bits
Entries 1.43545e+07
BHT1
1
0
45756
45322
45736
45257
54470
45440
2.34566e+06
2.3441e+06
2.34669e+06
2.34616e+06
2.33795e+06
2.34689e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

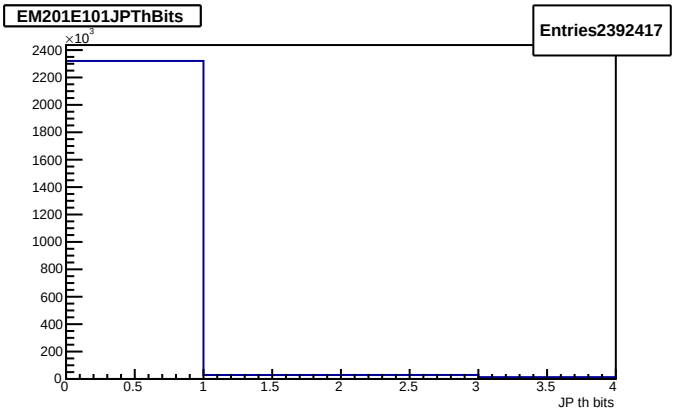

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

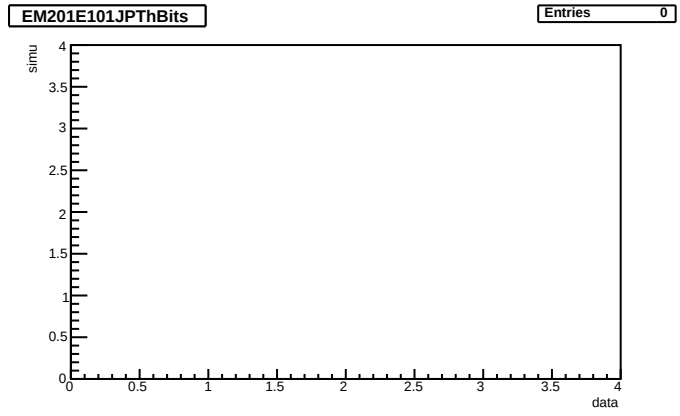

EMC L2 Input - BHT2 bits
Entries 1.43545e+07
BHT2
1
0
19476
19695
18319
19161
22265
19146
2.37294e+06
2.37272e+06
2.3741e+06
2.37316e+06
2.37015e+06
2.37327e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

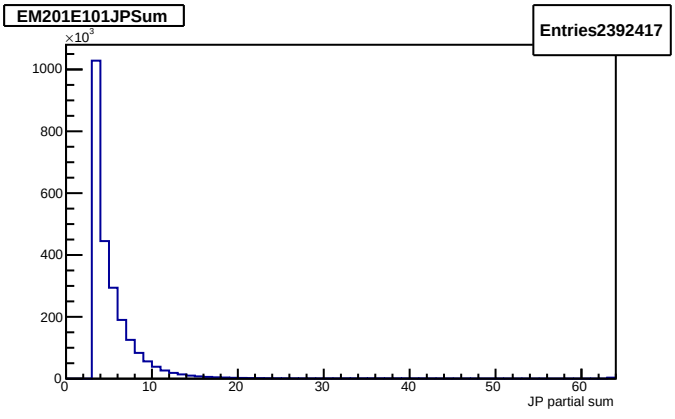

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

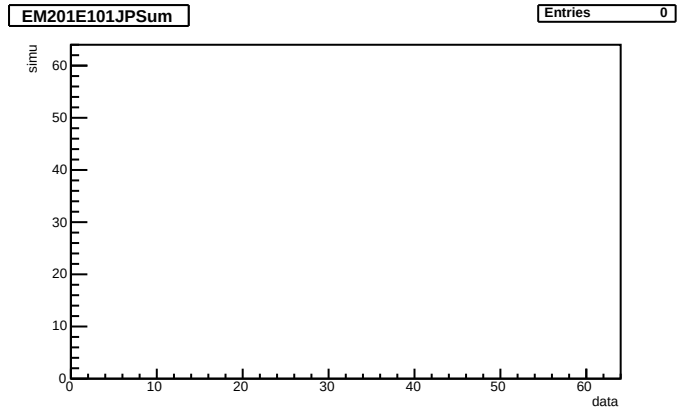

EMC L2 Input - Barrel HT.TP bits
Entries 1.43545e+07
Barrel HT.TP bits
1
0
662050
639734
654011
643984
672442
642731
1.72037e+06
1.75368e+06
1.72841e+06
1.74843e+06
1.71999e+06
1.74869e+06
10^6
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

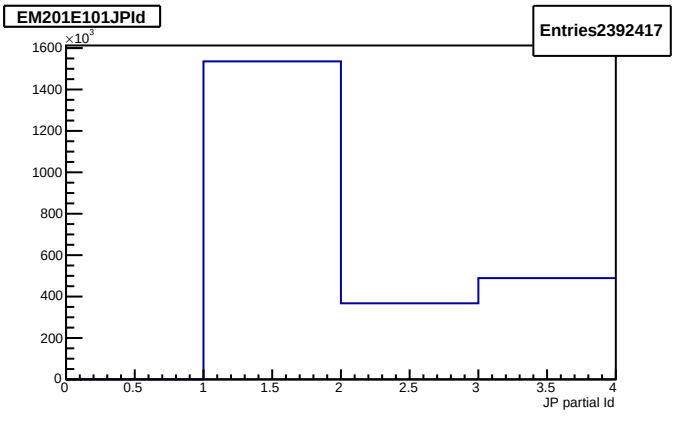

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

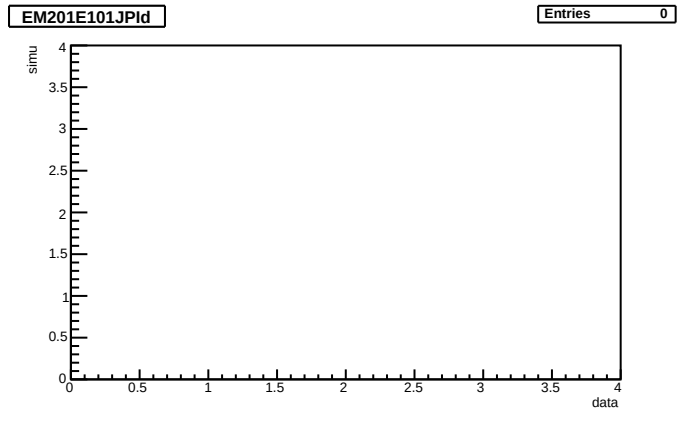

EM201E101JPThBits
Entries2392417
×10^3
JP th bits

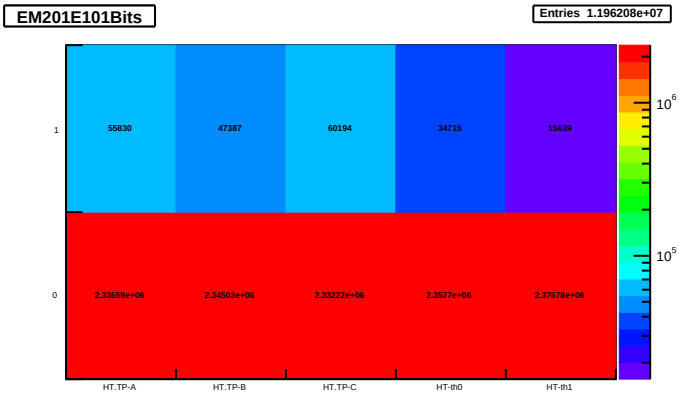

EM201E101JPThBits
Entries 0
simu
data

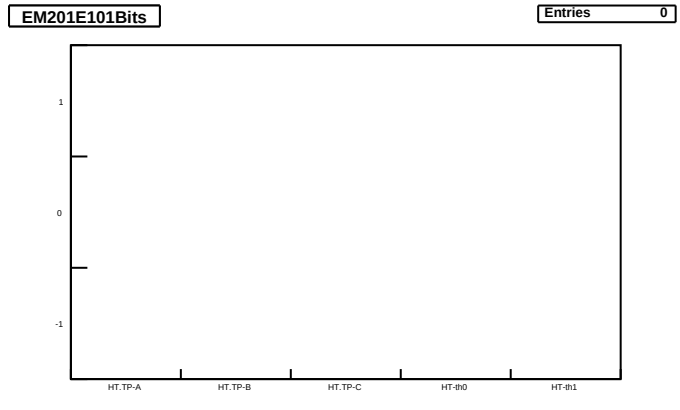

EM201E101JPSum
Entries2392417
×10^3
JP partial sum

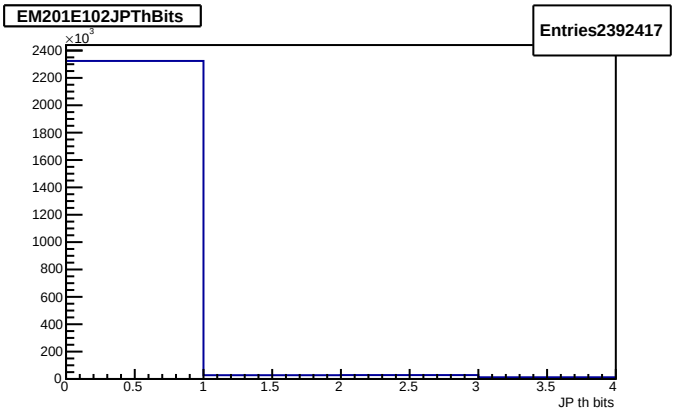

EM201E101JPSum
Entries 0
simu
data

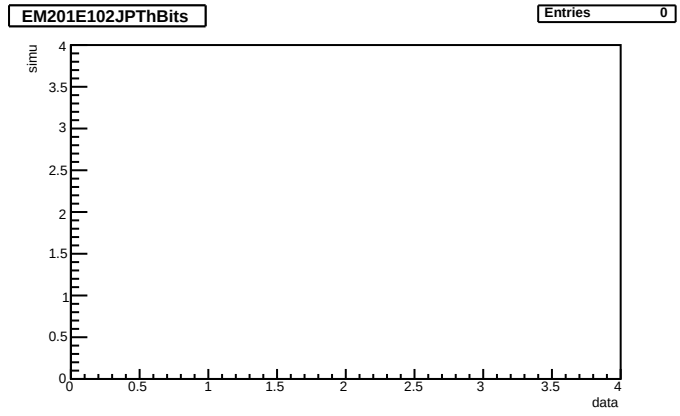

EM201E101JPId
Entries2392417
×10^3
JP partial Id

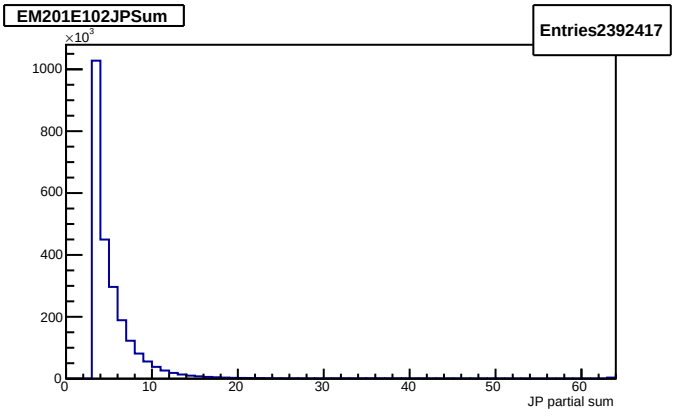

EM201E101JPId
Entries 0
simu
data

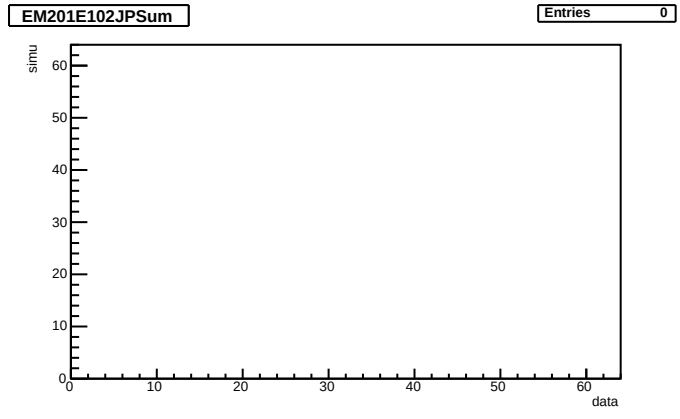

EM201E101Bits
Entries 1.196208e+07
55830
47387
60194
34715
15639
2.33659e+06
2.34503e+06
2.33222e+06
2.3577e+06
2.37678e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

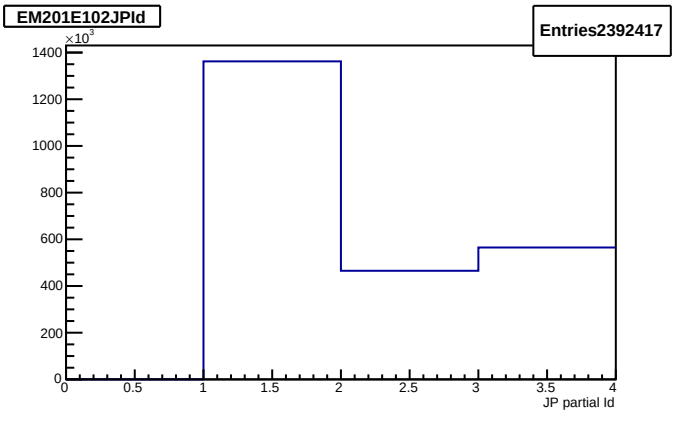

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

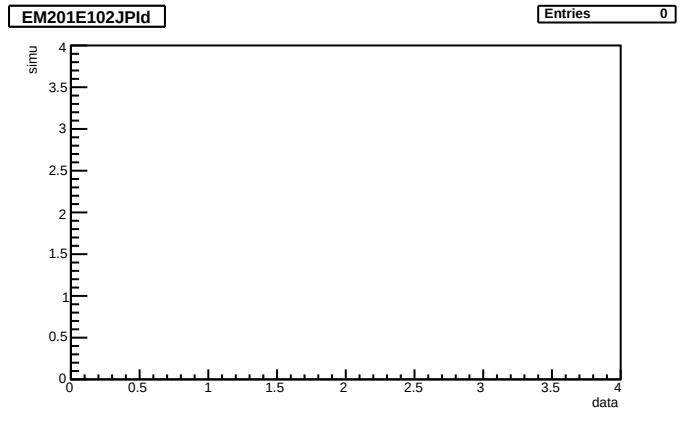

EM201E102JPThBits
Entries2392417
×10^3
JP th bits

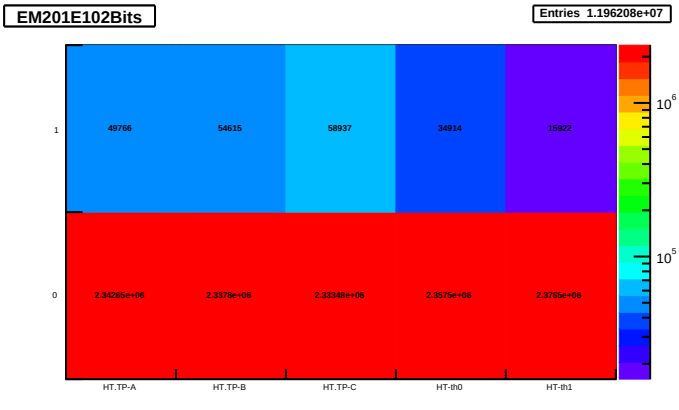

EM201E102JPThBits
Entries 0
simu
data

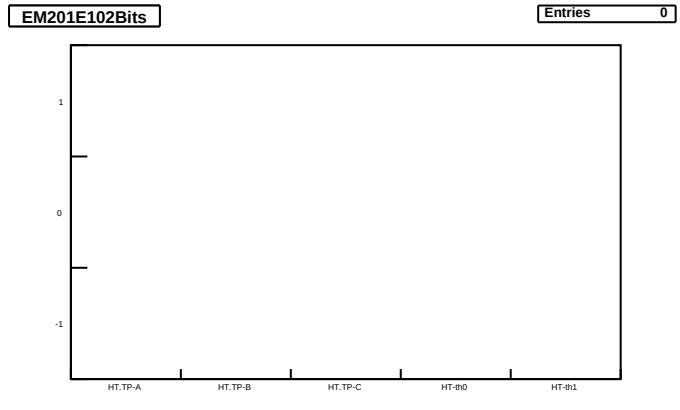

EM201E102JPSum
Entries2392417
×10^3
JP partial sum

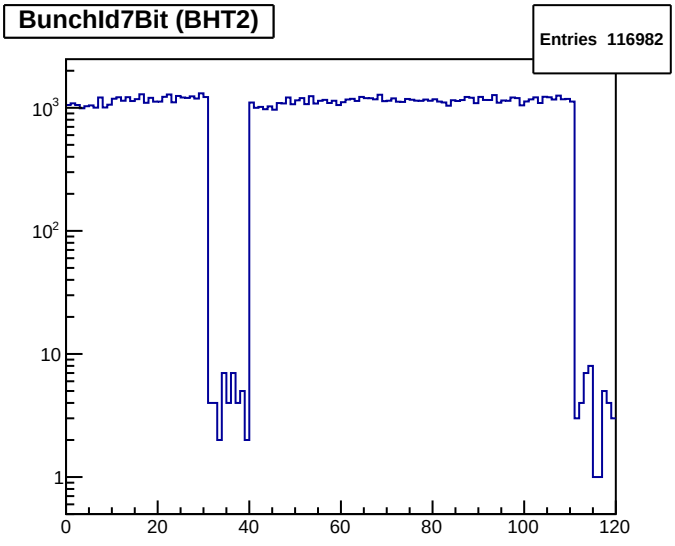

EM201E102JPSum
Entries 0
simu
data

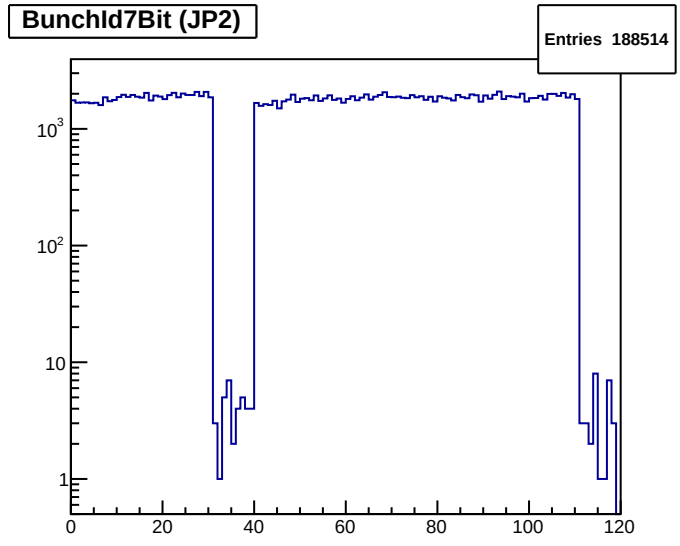

EM201E102JPId
Entries2392417
×10^3
JP partial Id

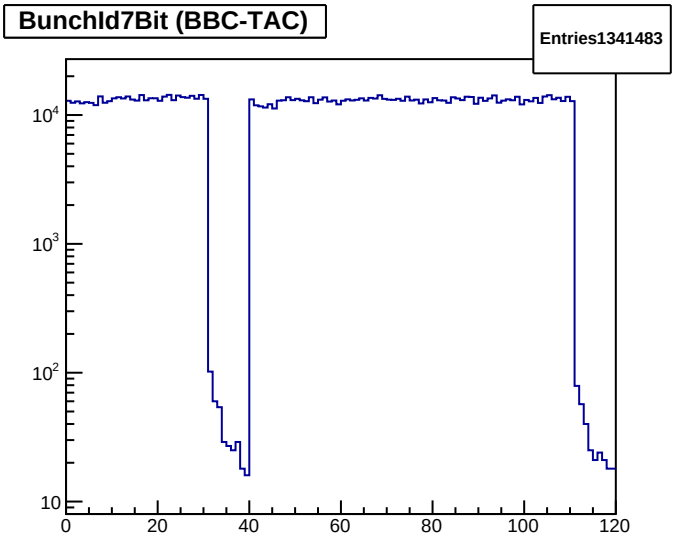

EM201E102JPId
Entries 0
simu
data

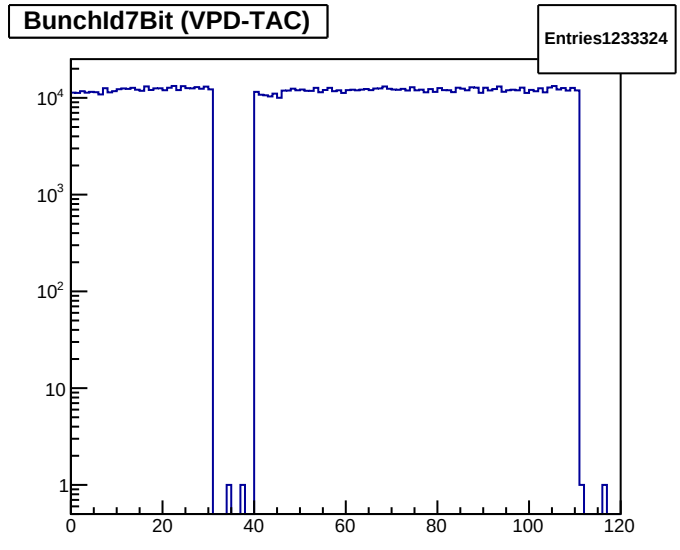

EM201E102Bits
Entries 1.196208e+07
49766
54615
58937
34914
15922
2.34265e+06
2.3378e+06
2.33348e+06
2.3575e+06
2.3765e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

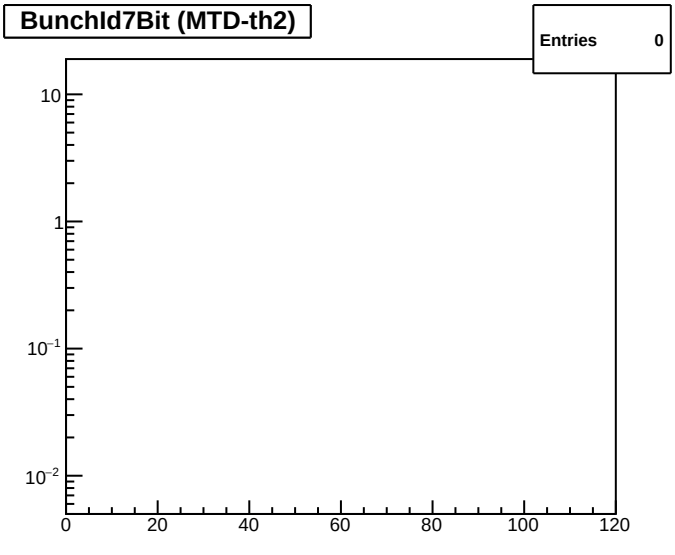

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

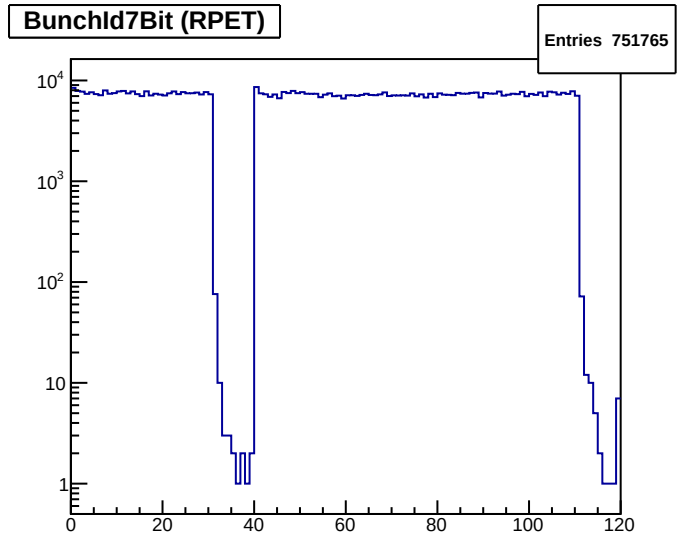

BunchId7Bit (BHT2)
Entries 116982

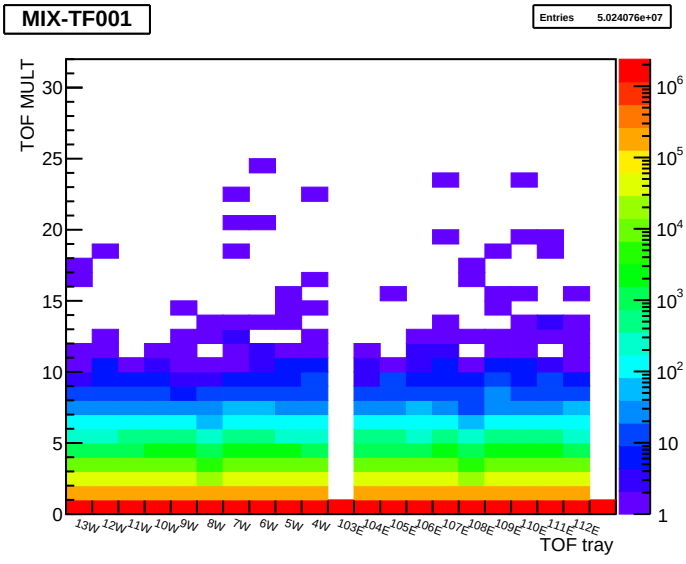

BunchId7Bit (JP2)
Entries 188514

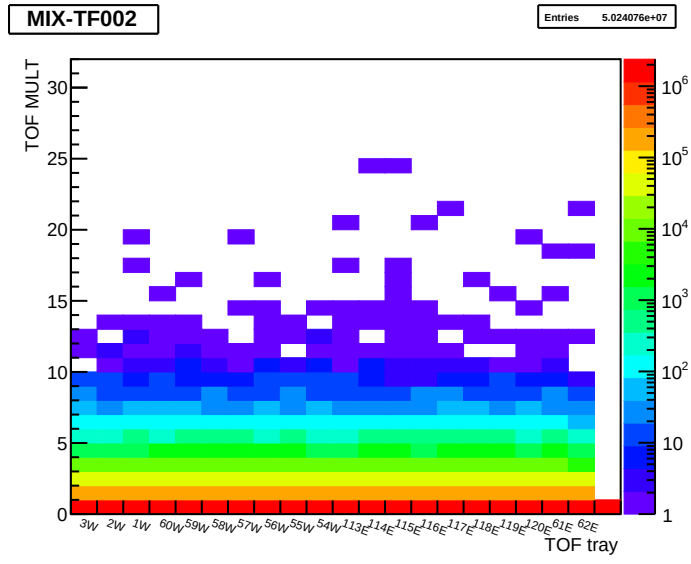

BunchId7Bit (BBC-TAC)
Entries1341483

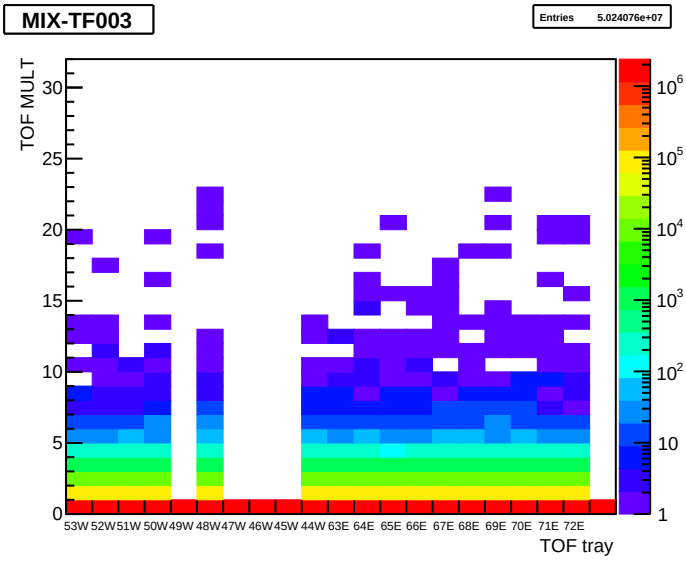

BunchId7Bit (VPD-TAC)
Entries1233324

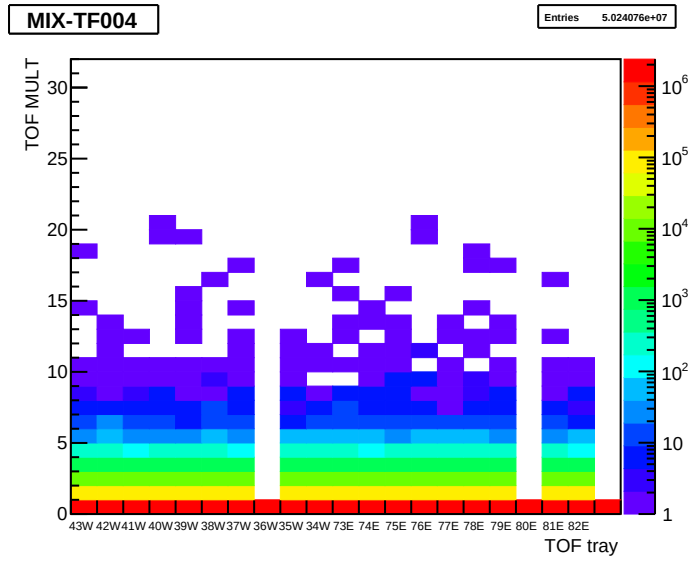

BunchId7Bit (MTD-th2)
Entries 0

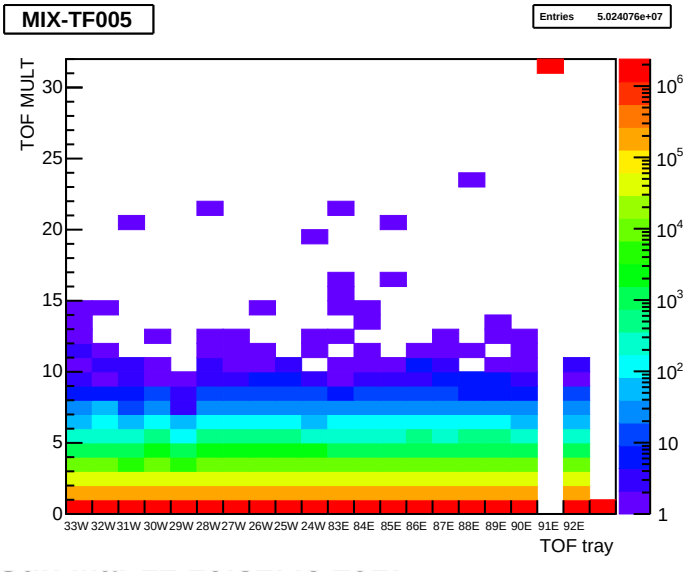

BunchId7Bit (RPET)
Entries 751765

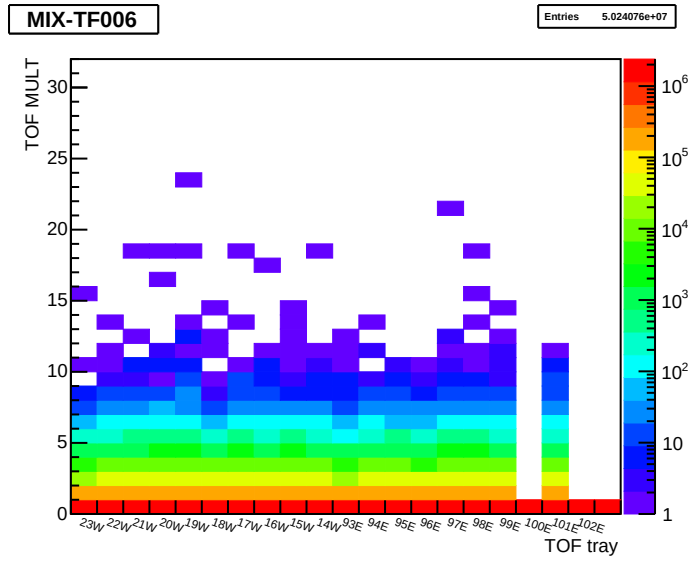

MIX-TF001
Entries 5.024076e+07
TOF MULT
TOF tray

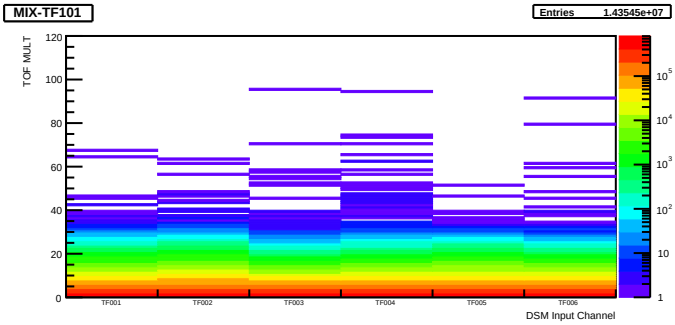

MIX-TF002
Entries 5.024076e+07
TOF MULT
TOF tray

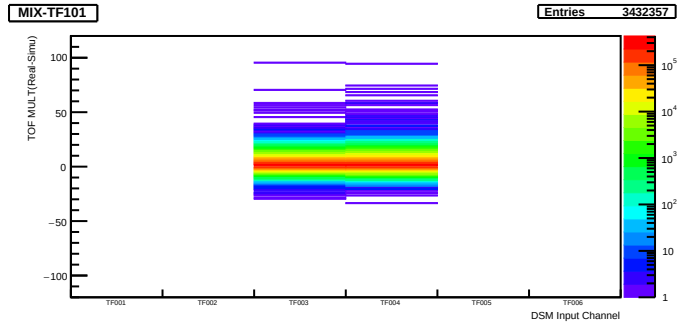

MIX-TF003
Entries 5.024076e+07
TOF MULT
TOF tray

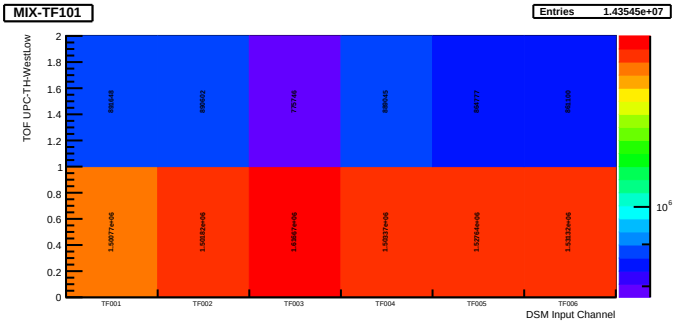

MIX-TF004
Entries 5.024076e+07
TOF MULT
TOF tray

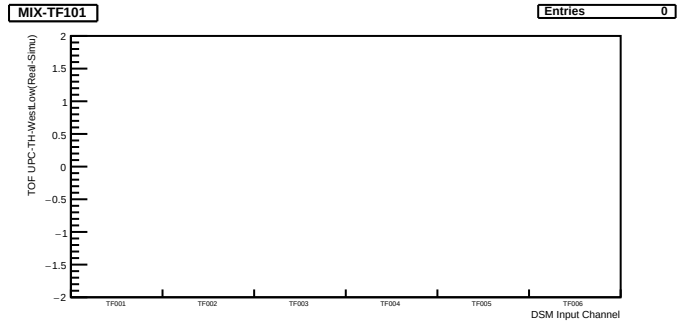

MIX-TF005
Entries 5.024076e+07
TOF MULT
TOF tray

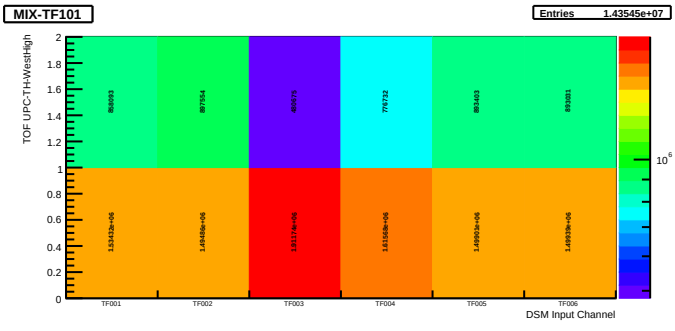

MIX-TF006
Entries 5.024076e+07
TOF MULT
TOF tray

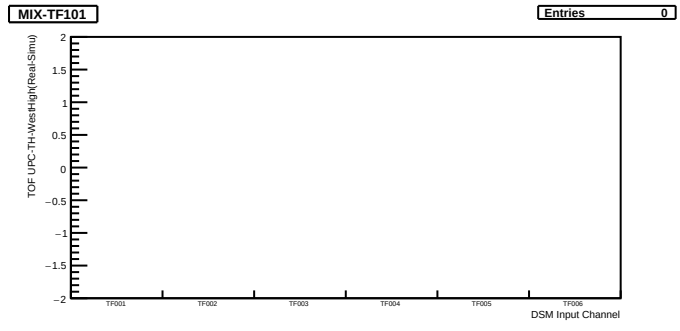

MIX-TF101
Entries 1.43545e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

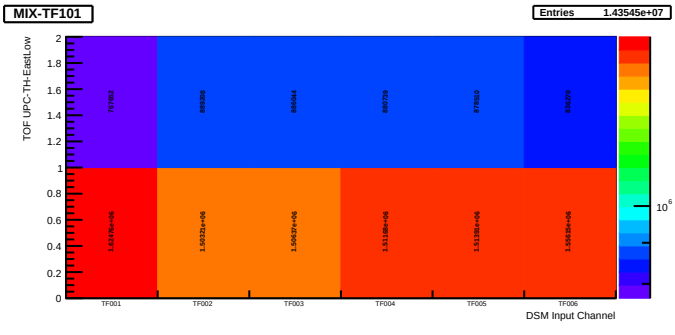

MIX-TF101
Entries 3432357
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

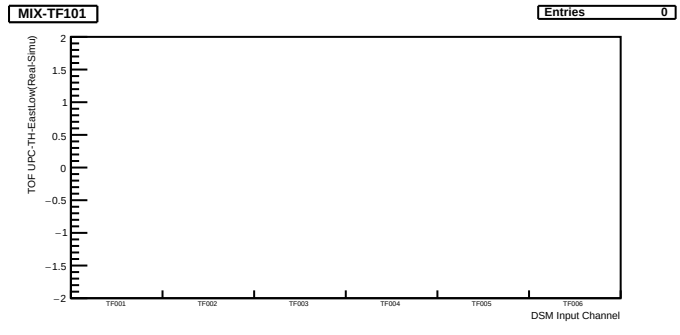

MIX-TF101
Entries 1.43545e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

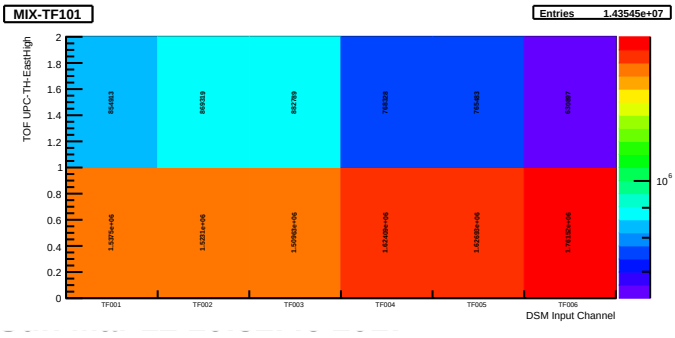

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

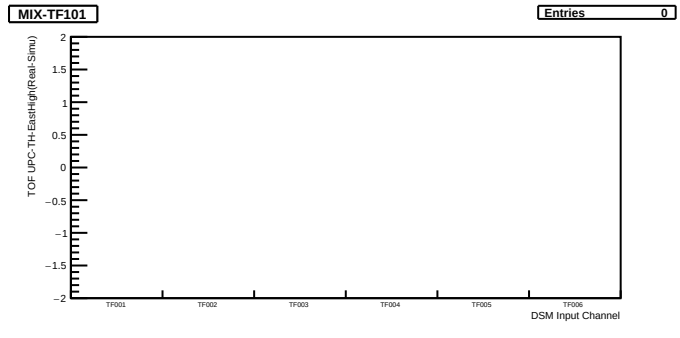

MIX-TF101
Entries 1.43545e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

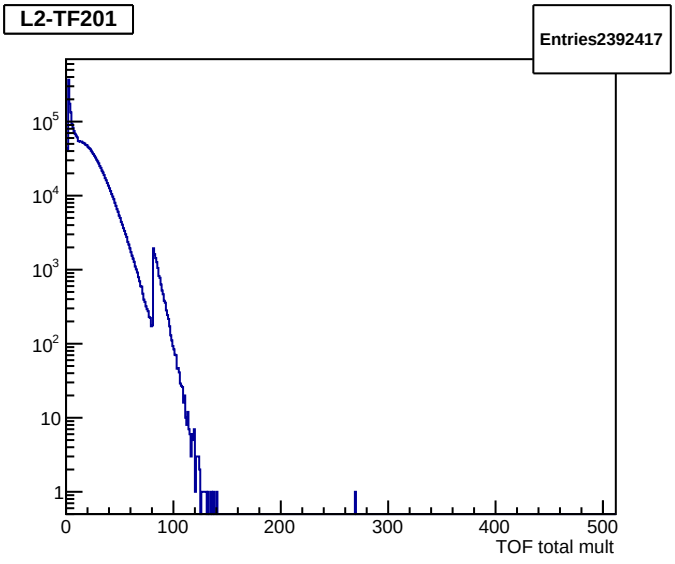

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

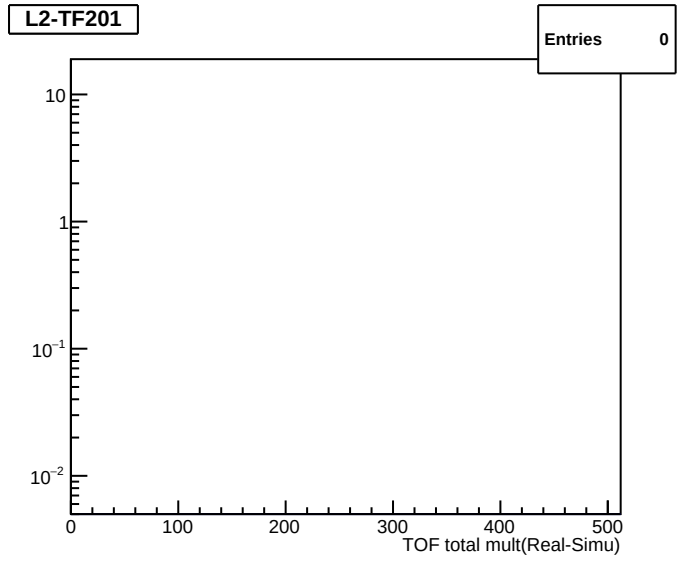

MIX-TF101
Entries 1.43545e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

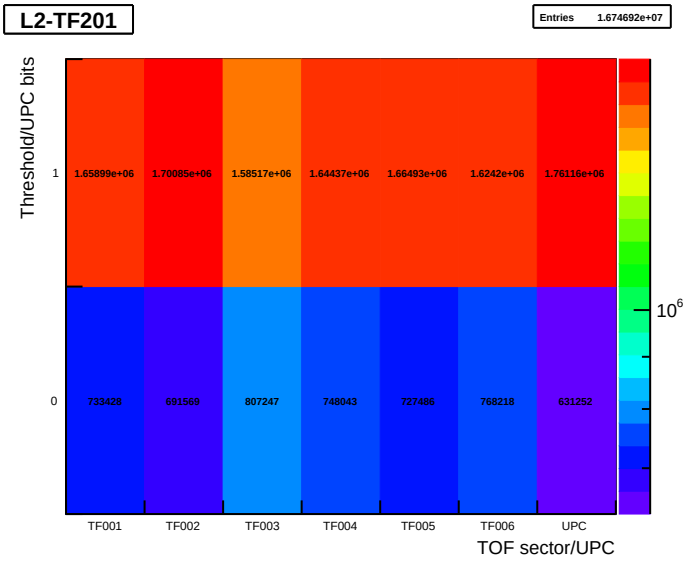

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

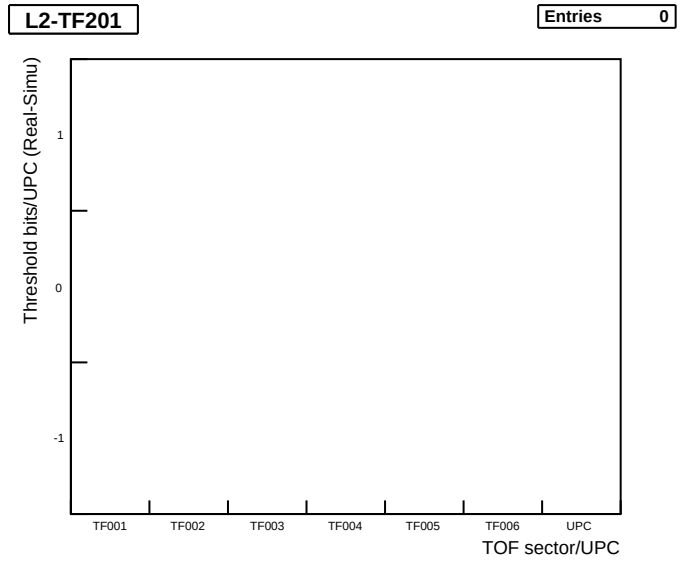

MIX-TF101
Entries 1.43545e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

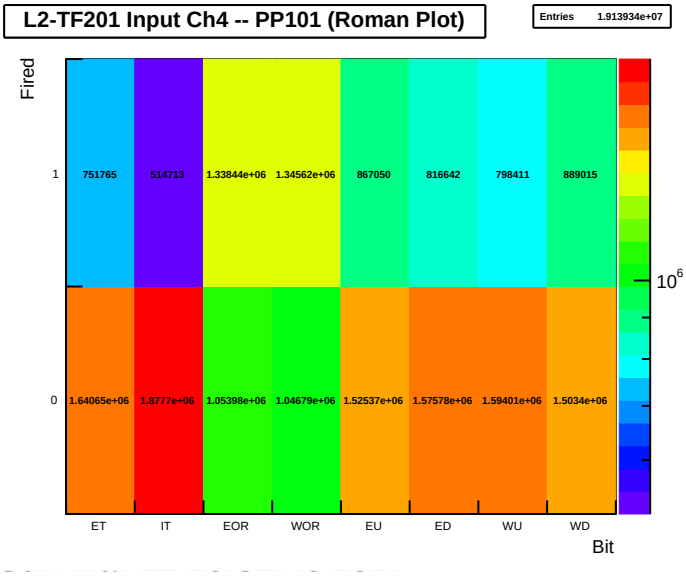

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

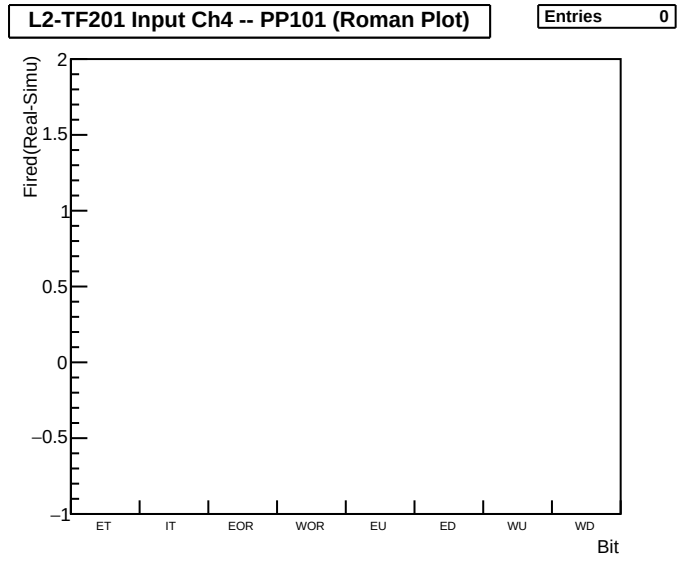

L2-TF201
Entries2392417
TOF total mult

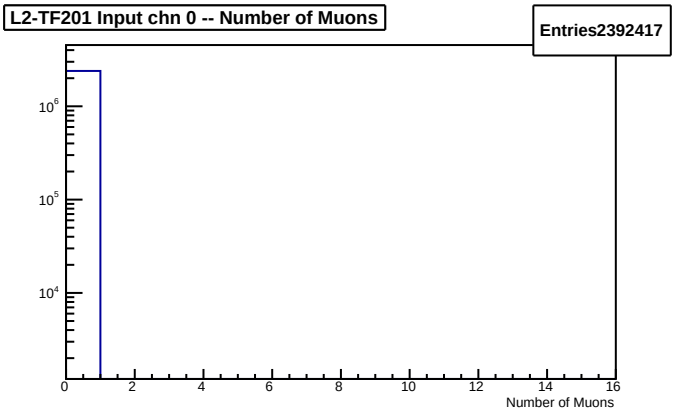

L2-TF201
Entries 0
TOF total mult(Real-Simu)

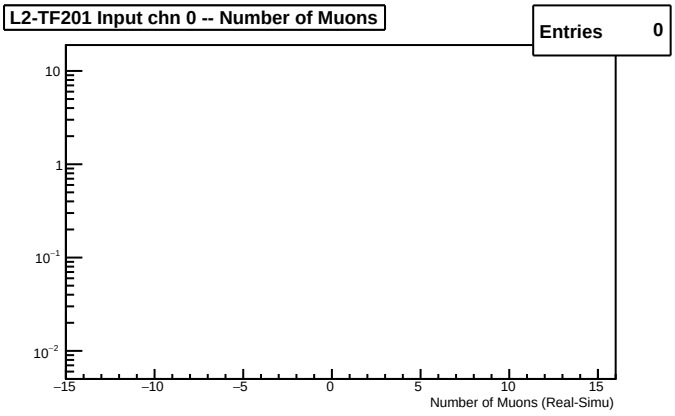

L2-TF201
Entries 1.674692e+07
Threshold/UPC bits
1.65899e+06
1.70085e+06
1.58517e+06
1.64437e+06
1.66493e+06
1.6242e+06
1.76116e+06
733428
691569
807247
748043
727486
768218
631252
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

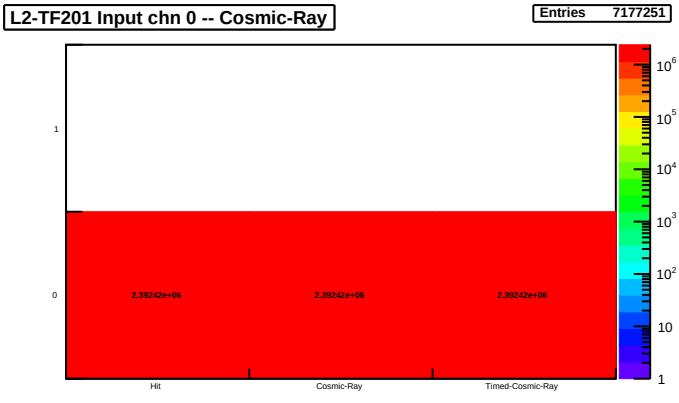

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

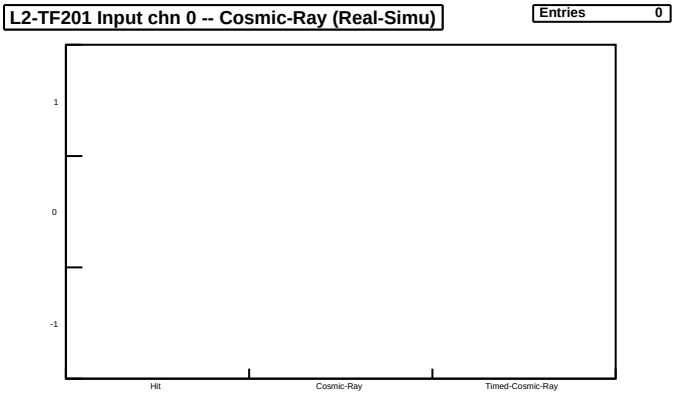

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 1.913934e+07
Fired
751765
514713
1.33844e+06
1.34562e+06
867050
816642
798411
889015
1.64065e+06
1.8777e+06
1.05398e+06
1.04679e+06
1.52537e+06
1.57578e+06
1.59401e+06
1.5034e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

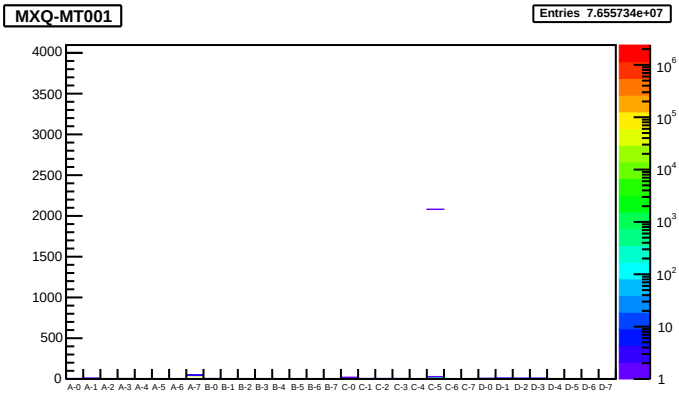

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

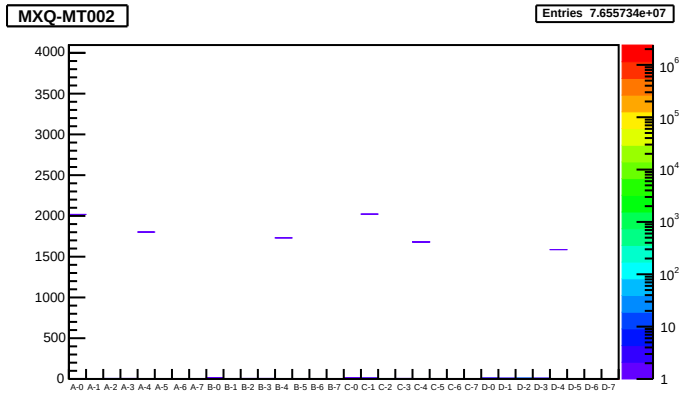

L2-TF201 Input chn 0 -- Number of Muons
Entries2392417
Number of Muons

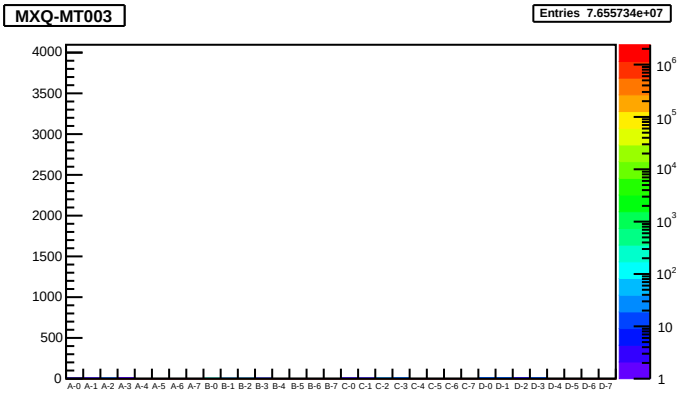

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

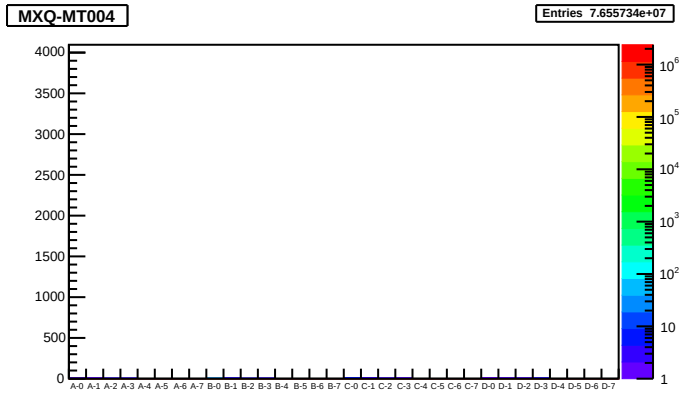

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 7177251
2.39242e+06
2.39242e+06
2.39242e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

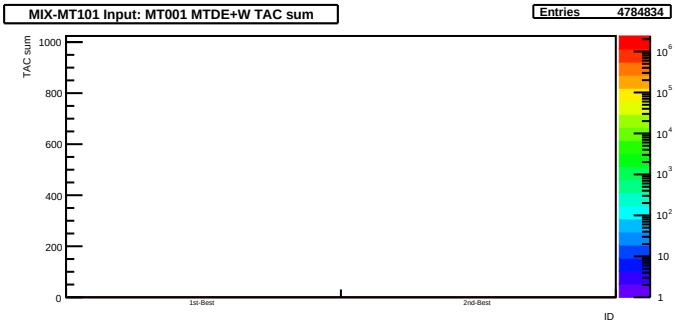

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

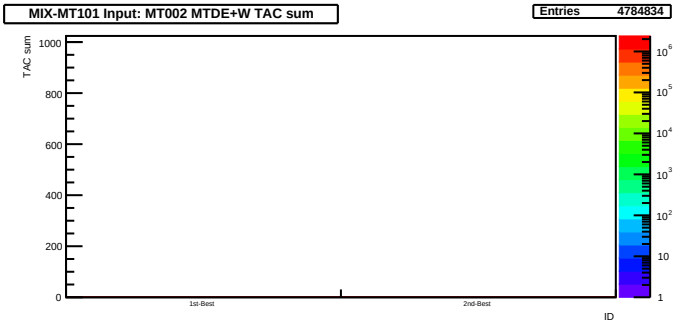

MXQ-MT001
Entries 7.655734e+07

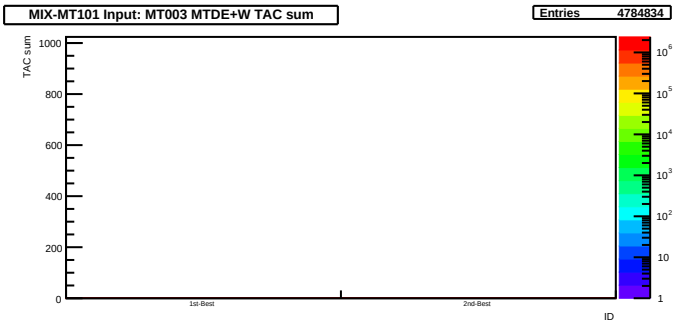

MXQ-MT002
Entries 7.655734e+07

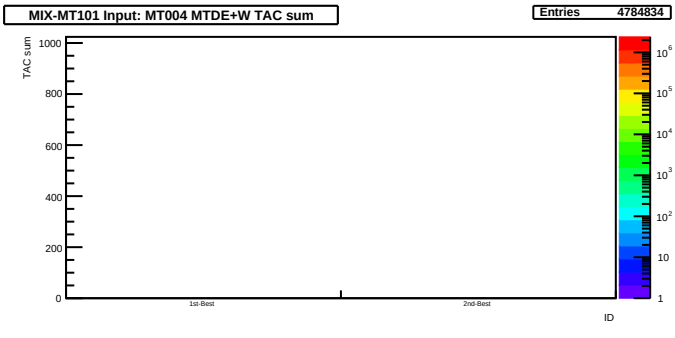

MXQ-MT003
Entries 7.655734e+07

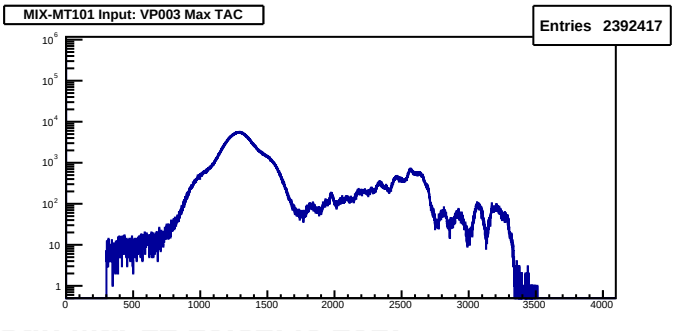

MXQ-MT004
Entries 7.655734e+07

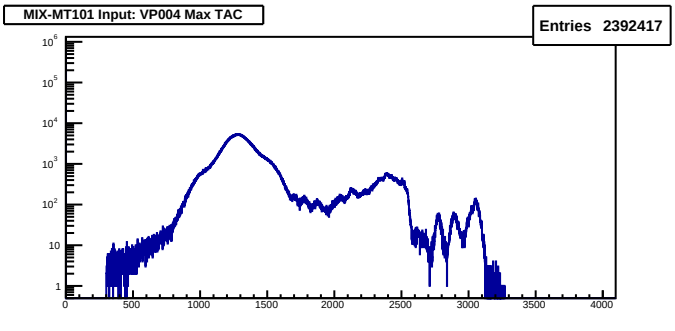

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 4784834
TAC sum
1st-Best
2nd-Best
ID

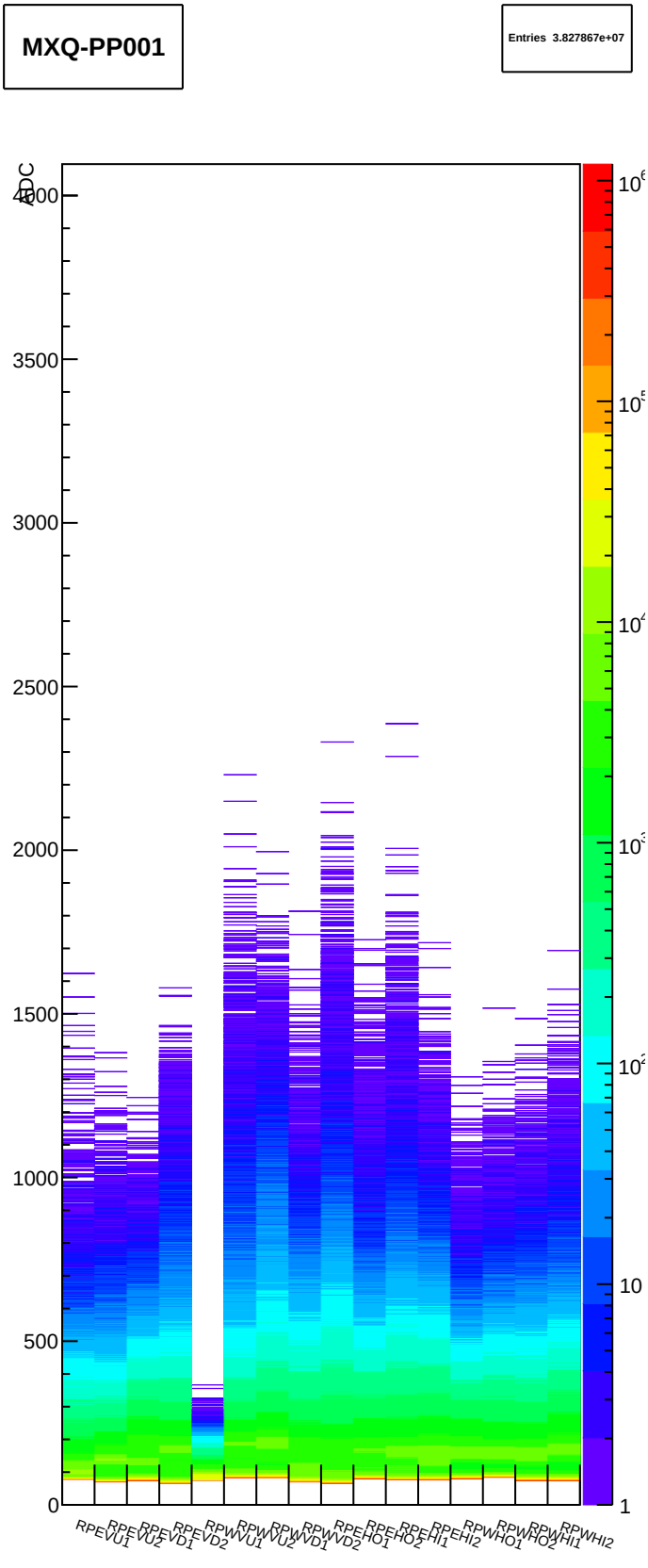

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 4784834
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 4784834
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 4784834
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: VP003 Max TAC
Entries 2392417


MIX-MT101 Input: VP004 Max TAC
Entries 2392417


MXQ-PP001
Entries 3.827867e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
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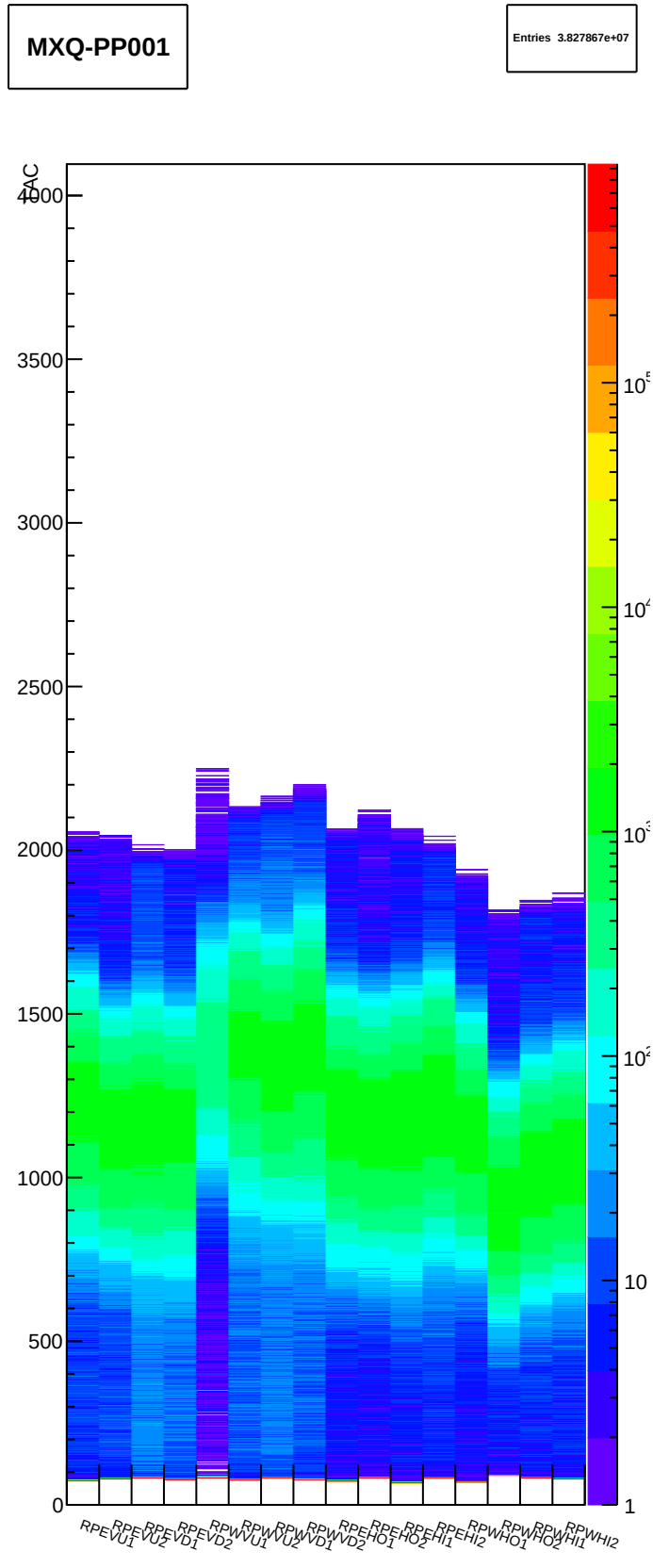
RPWHI1
RPWHI2
1
10


MXQ-PP001
Entries 3.827867e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
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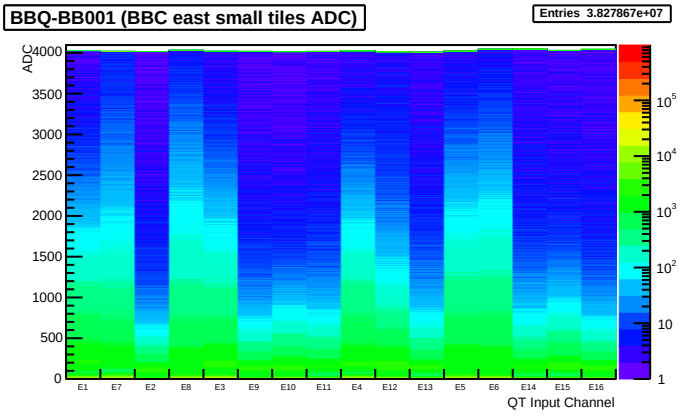
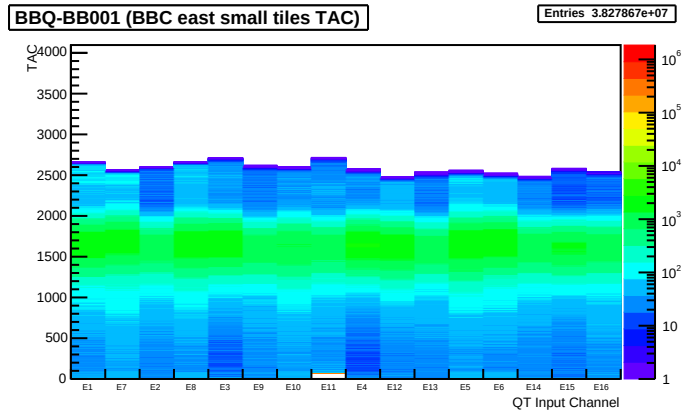
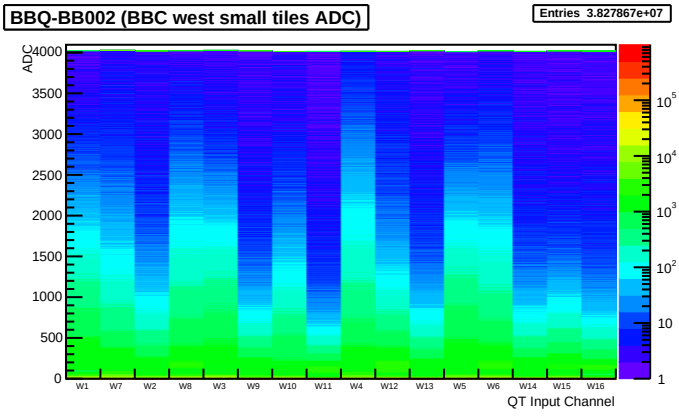
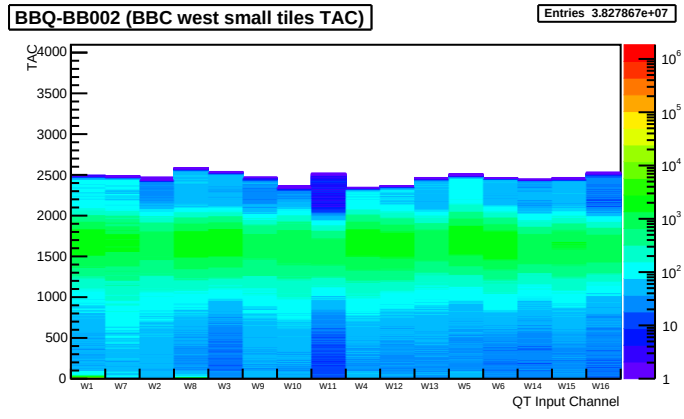
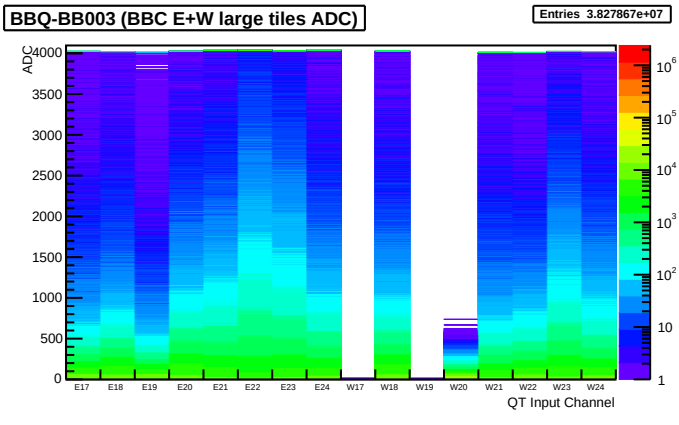
RPWHI1
RPWHI2
1
10

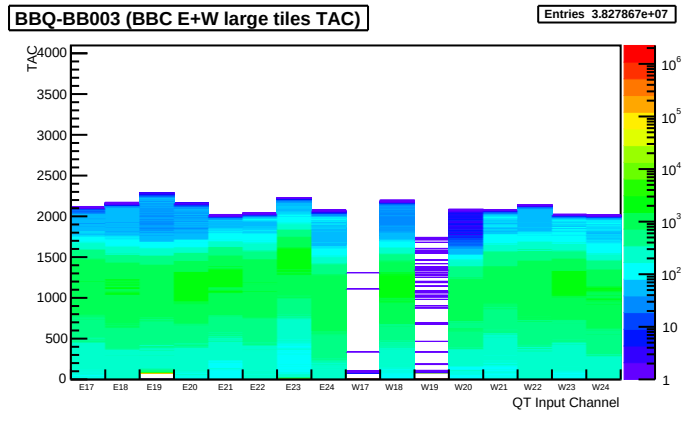

BBQ-BB001 (BBC east small tiles ADC)
Entries 3.827867e+07
ADC
QT Input Channel

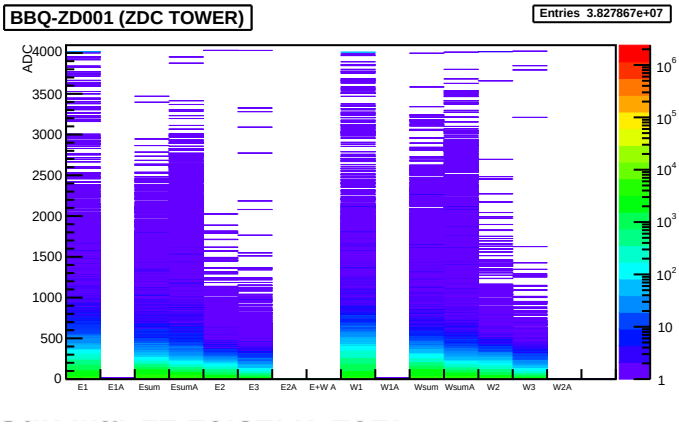

BBQ-BB001 (BBC east small tiles TAC)
Entries 3.827867e+07
TAC
QT Input Channel

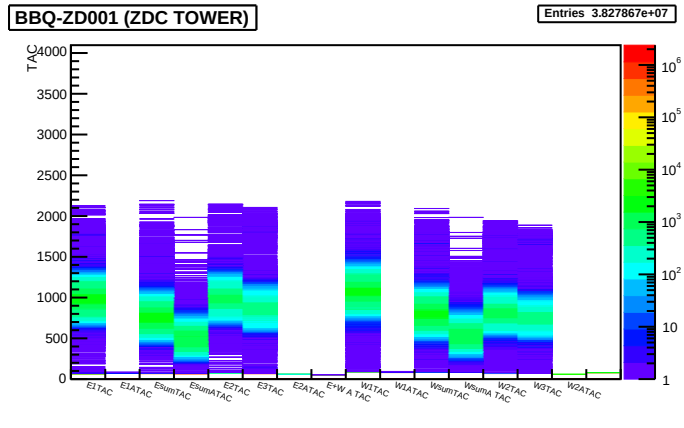

BBQ-BB002 (BBC west small tiles ADC)
Entries 3.827867e+07
ADC
QT Input Channel

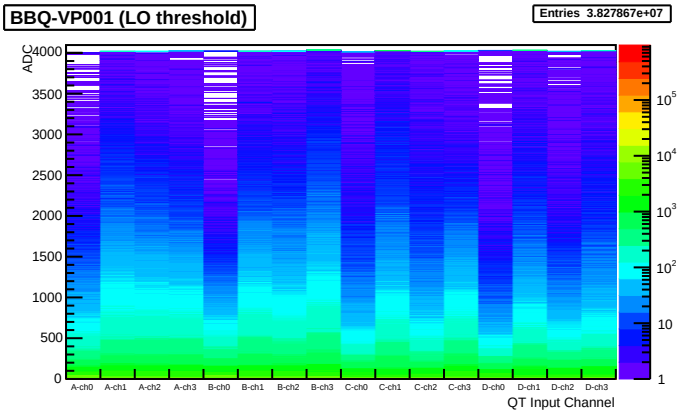

BBQ-BB002 (BBC west small tiles TAC)
Entries 3.827867e+07
TAC
QT Input Channel

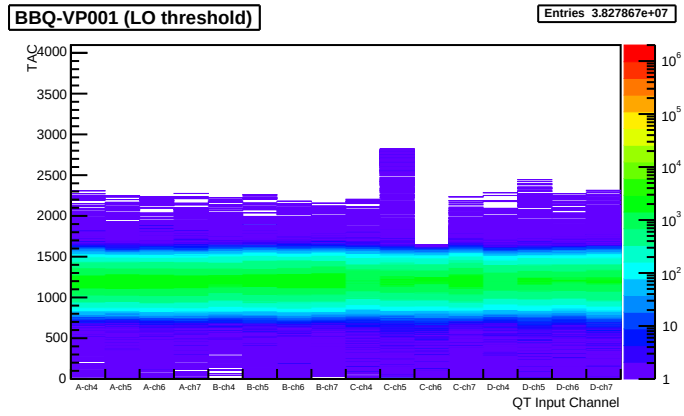

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 3.827867e+07
ADC
QT Input Channel

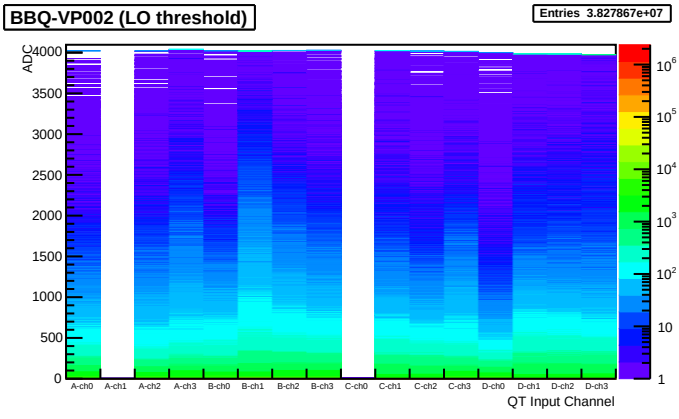

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 3.827867e+07
TAC
QT Input Channel

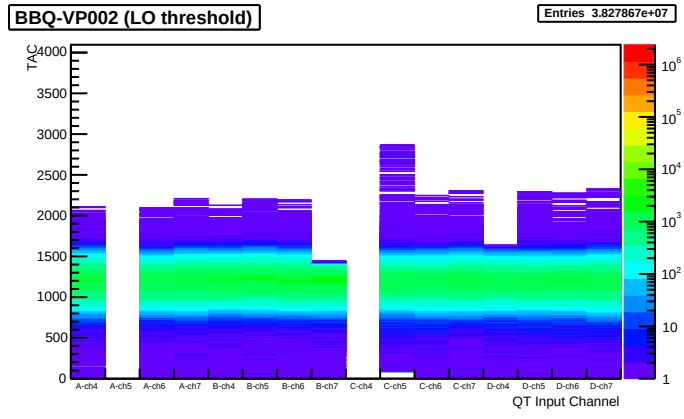

BBQ-ZD001 (ZDC TOWER)
Entries 3.827867e+07
ADC

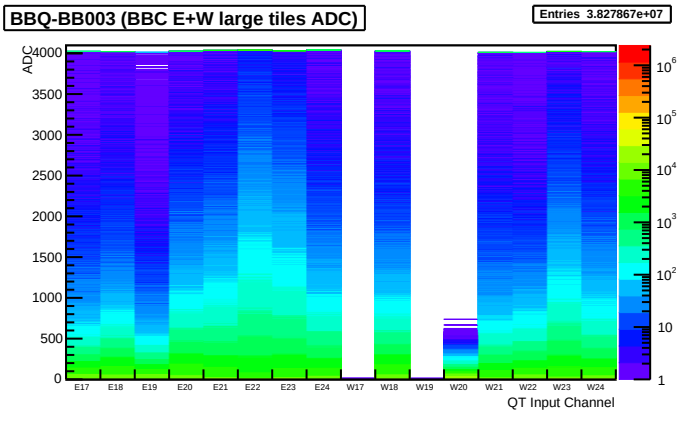

BBQ-ZD001 (ZDC TOWER)
Entries 3.827867e+07
TAC

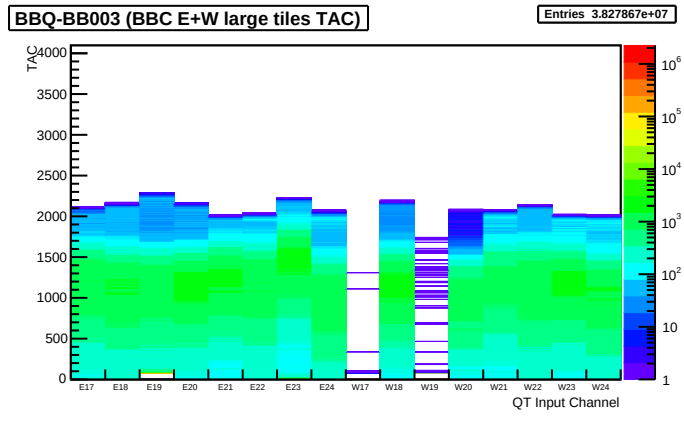

BBQ-VP001 (LO threshold)
Entries 3.827867e+07
ADC
QT Input Channel

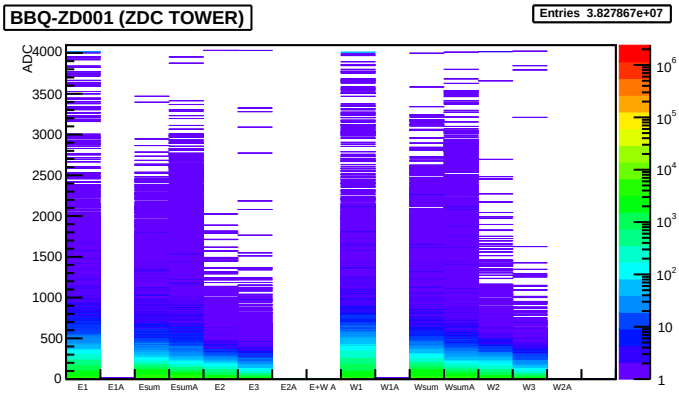

BBQ-VP001 (LO threshold)
Entries 3.827867e+07
TAC
QT Input Channel

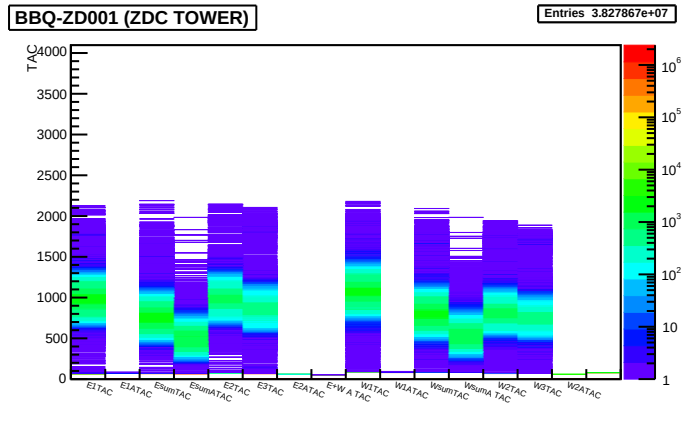

BBQ-VP002 (LO threshold)
Entries 3.827867e+07
ADC
QT Input Channel

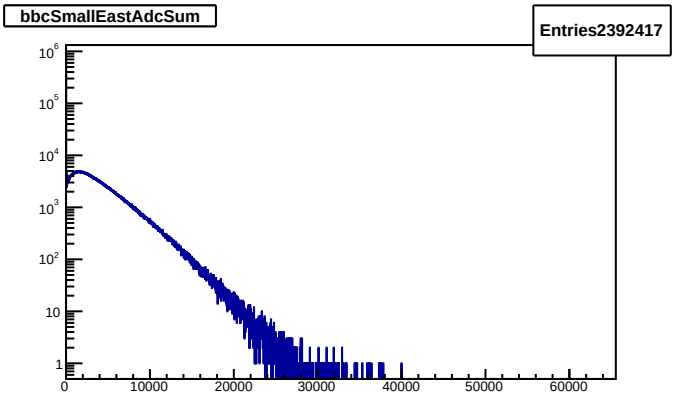

BBQ-VP002 (LO threshold)
Entries 3.827867e+07
TAC
QT Input Channel

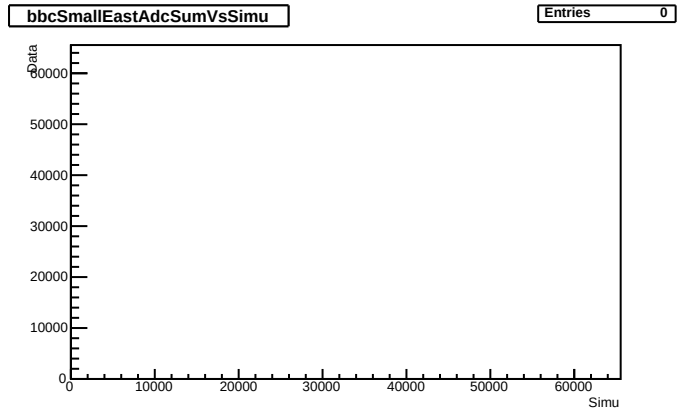

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 3.827867e+07
ADC
QT Input Channel

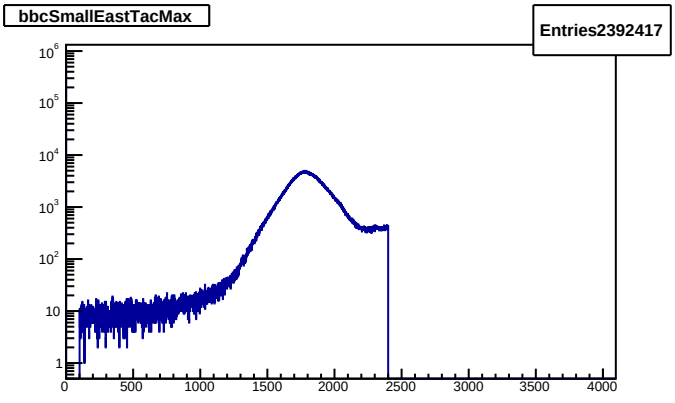

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 3.827867e+07
TAC
QT Input Channel


BBQ-ZD001 (ZDC TOWER)
Entries 3.827867e+07
ADC


BBQ-ZD001 (ZDC TOWER)
Entries 3.827867e+07
TAC


bbcSmallEastAdcSum
Entries2392417


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu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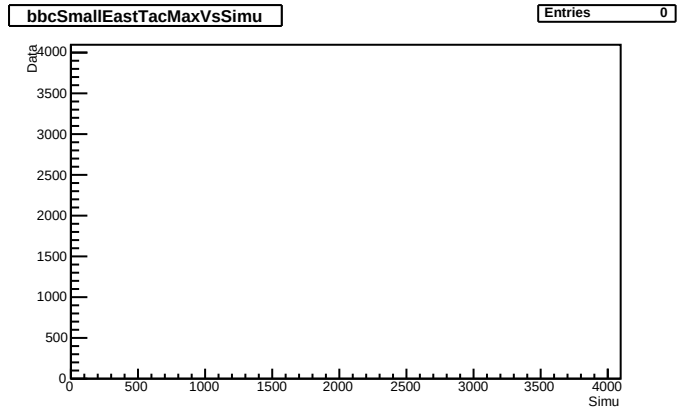
Entries2392417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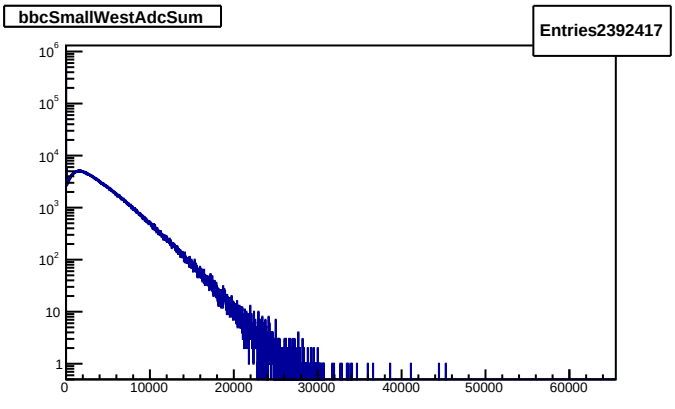
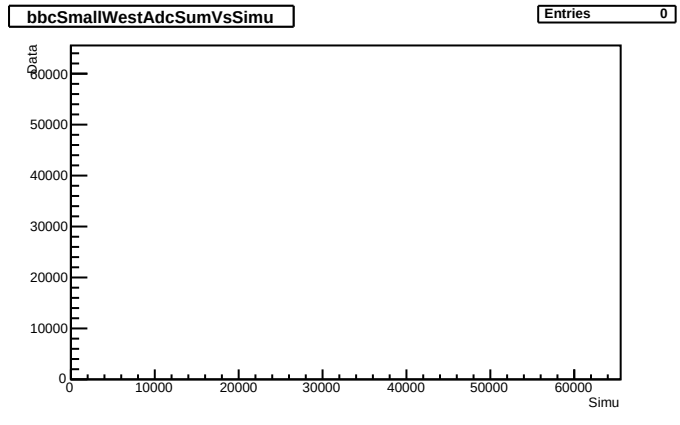
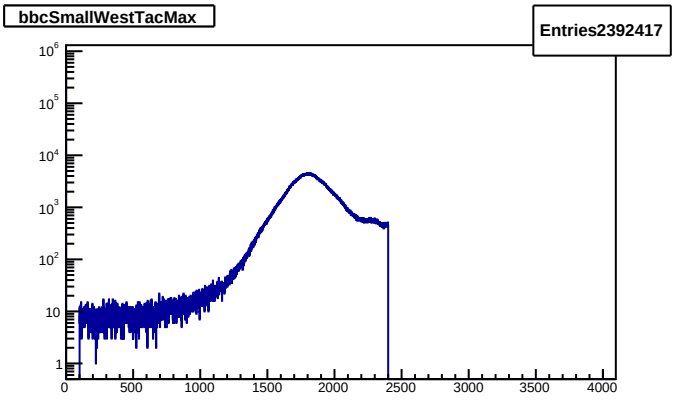
Entries 0
Data
Simu


bbcSmallWestAdcSum
Entries2392417


bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu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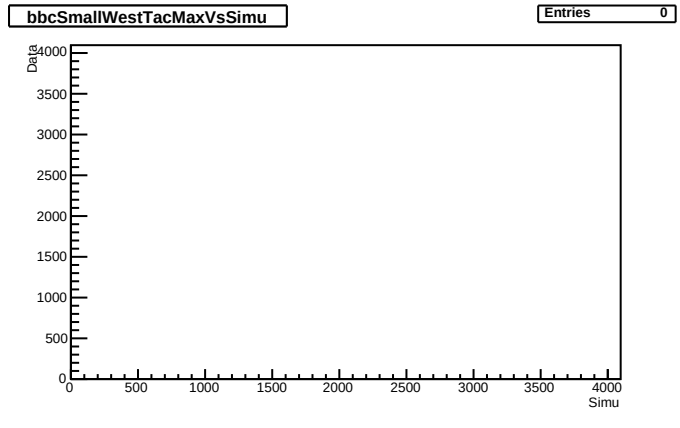
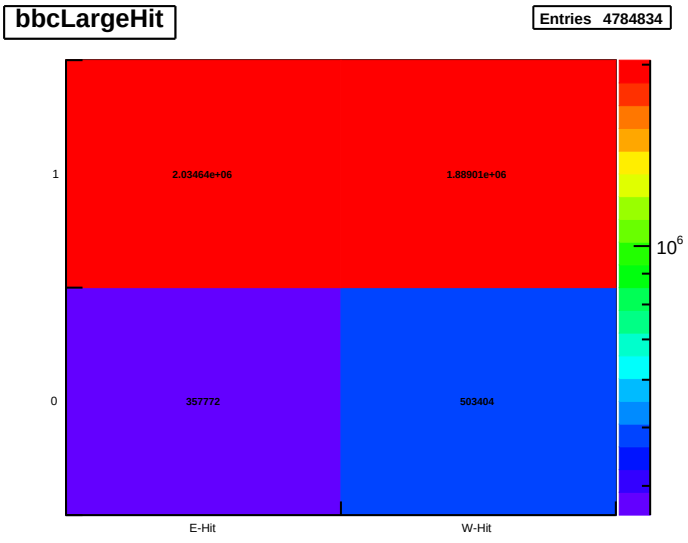
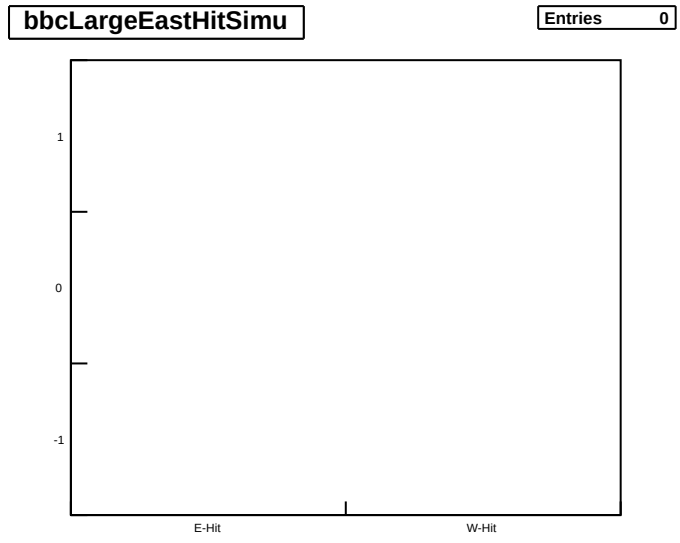
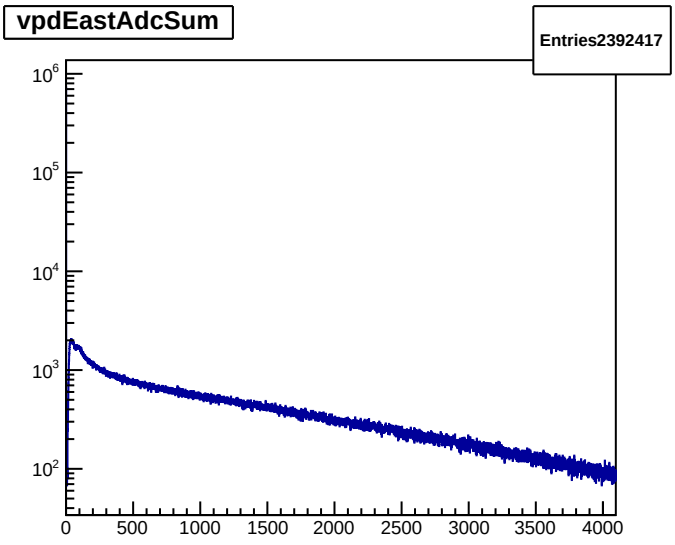
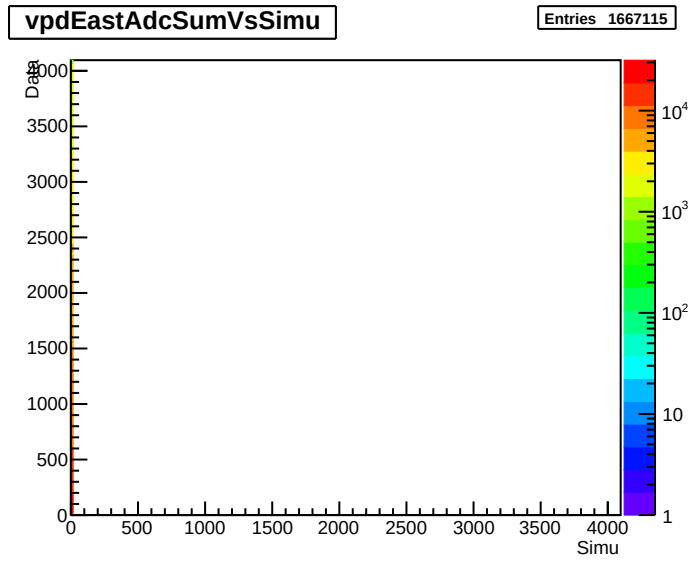
Entries2392417

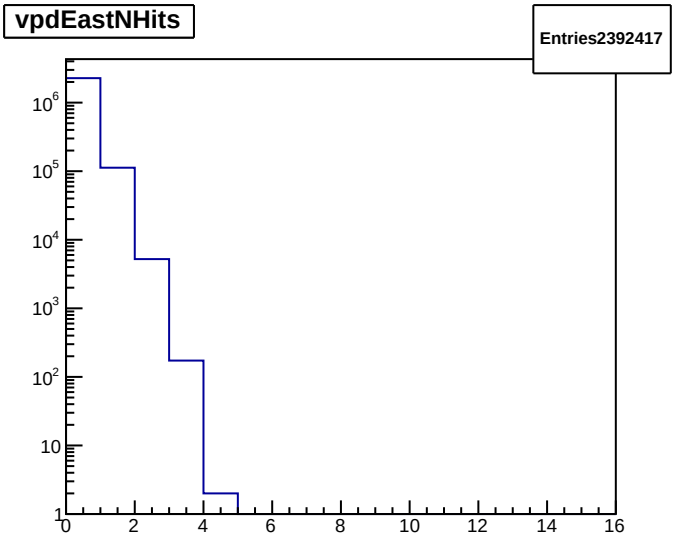

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

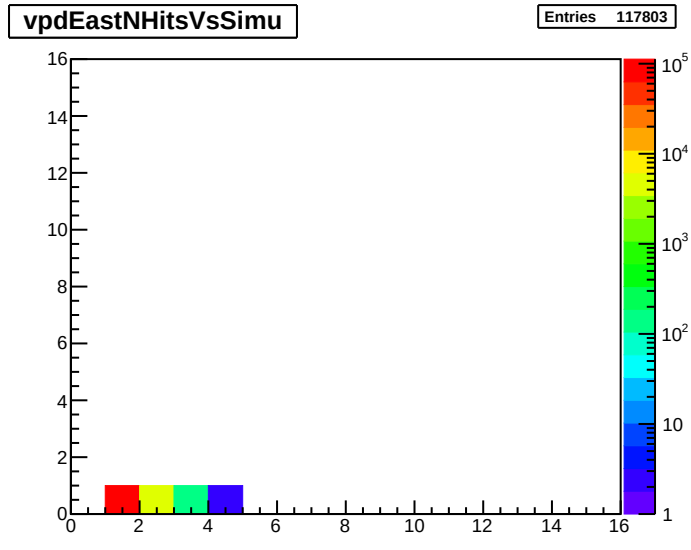

bbcLargeHit
Entries 4784834
1
0
2.03464e+06
1.88901e+06
357772
503404
E-Hit
W-Hit
10^6

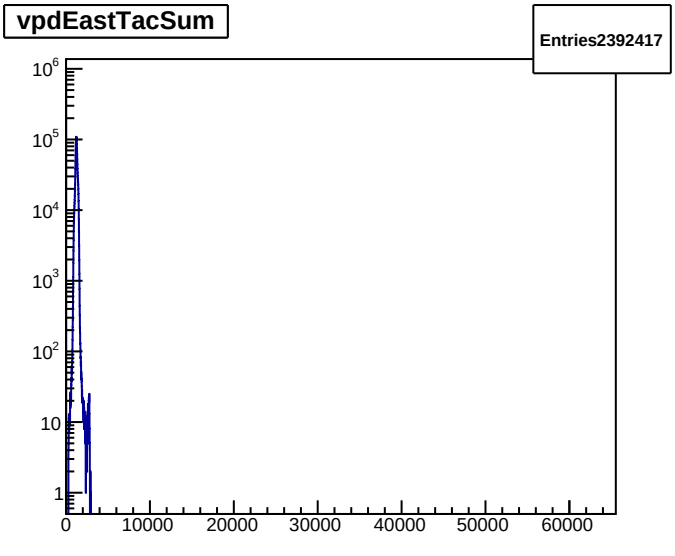

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

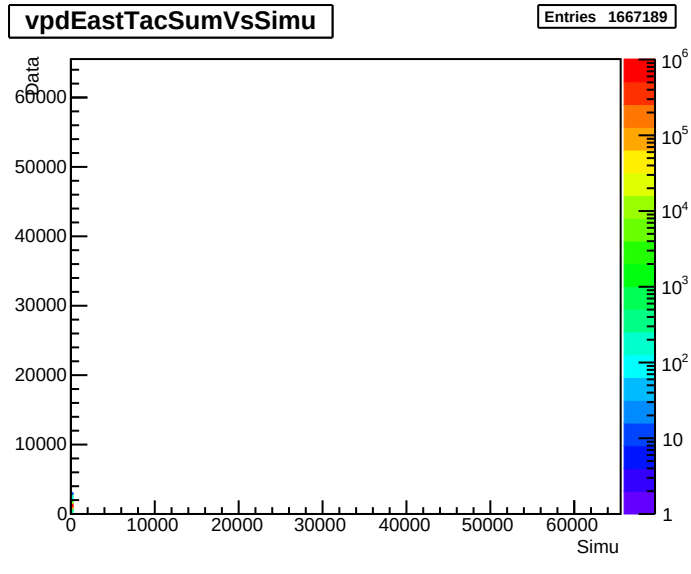

vpdEastAdcSum
Entries2392417

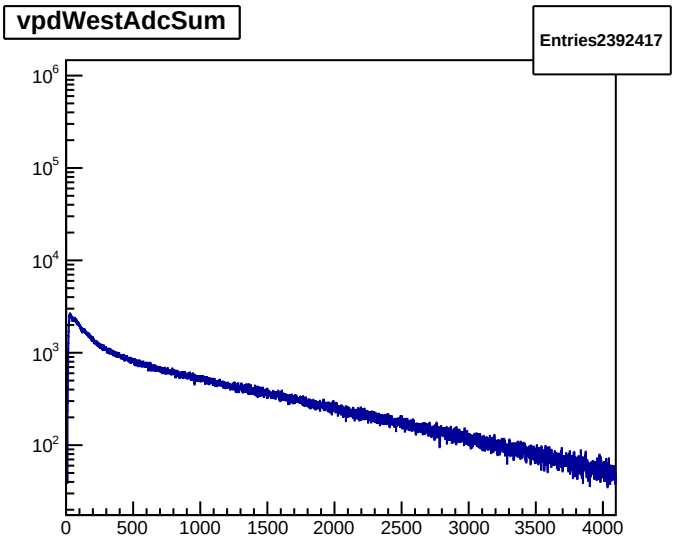

vpdEastAdcSumVsSimu
Entries 1667115
Data
Simu

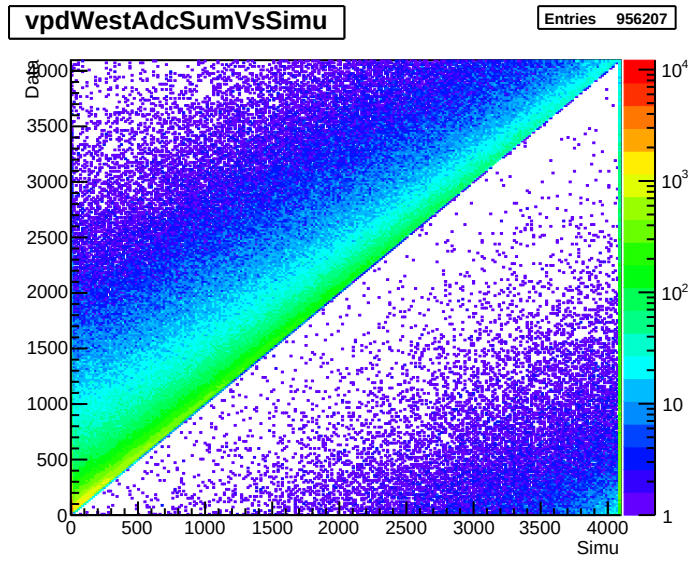

vpdEastNHits
Entries2392417

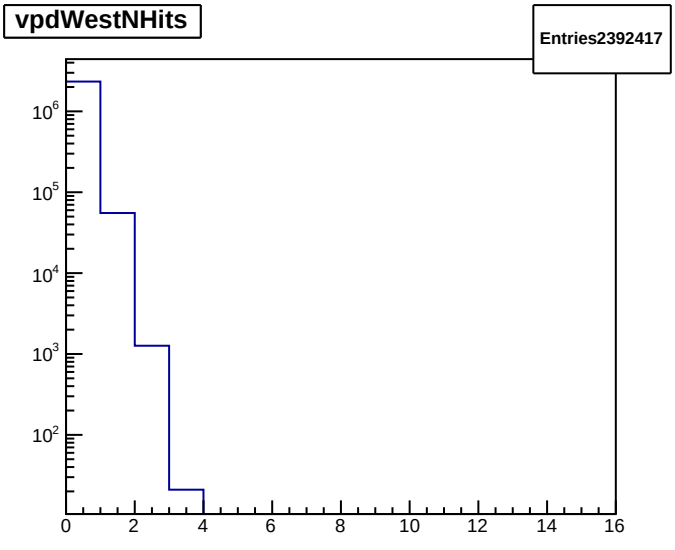

vpdEastNHitsVsSimu
Entries 117803

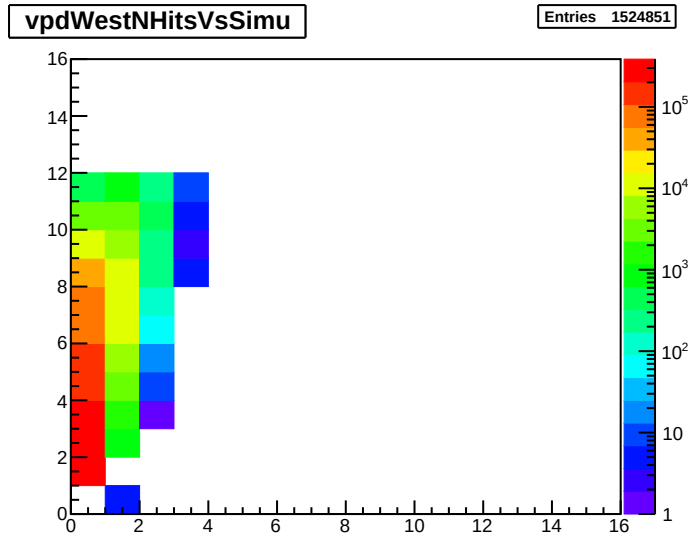

vpdEastTacSum
Entries2392417

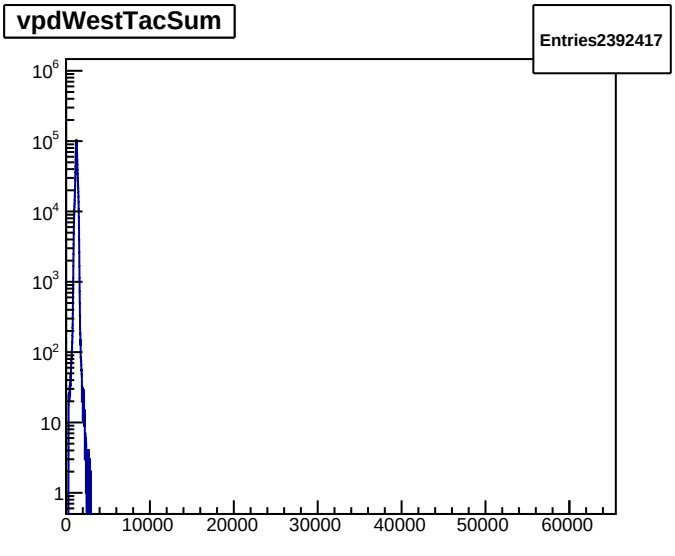

vpdEastTacSumVsSimu
Entries 1667189
Data
Simu

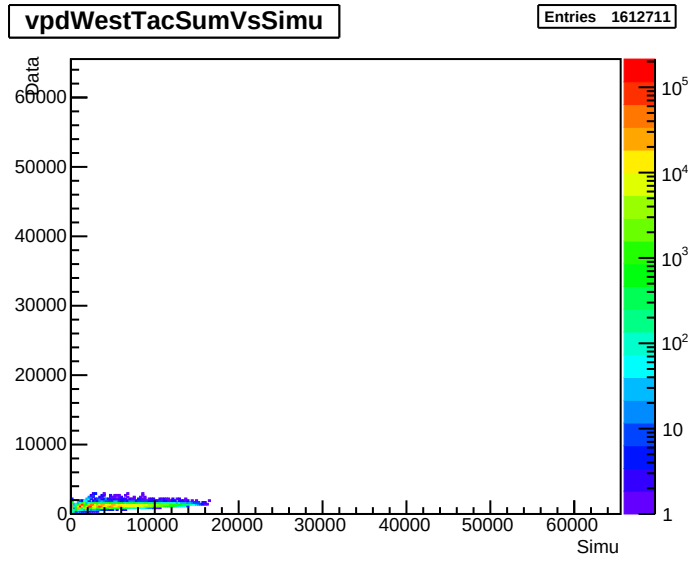

vpdWestAdcSum
Entries2392417

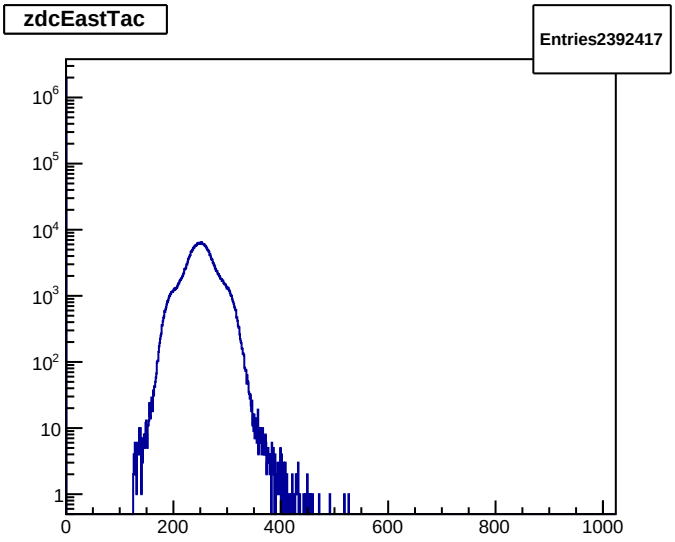

vpdWestAdcSumVsSimu
Entries 956207
Data
Simu

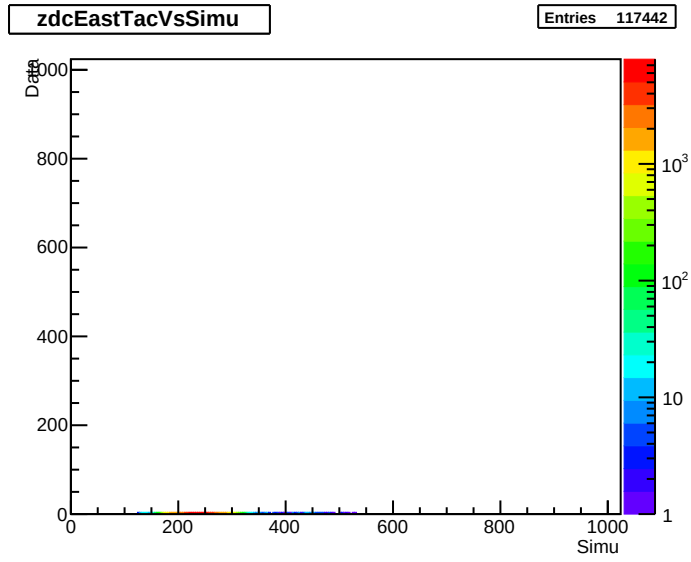

vpdWestNHits
Entries2392417

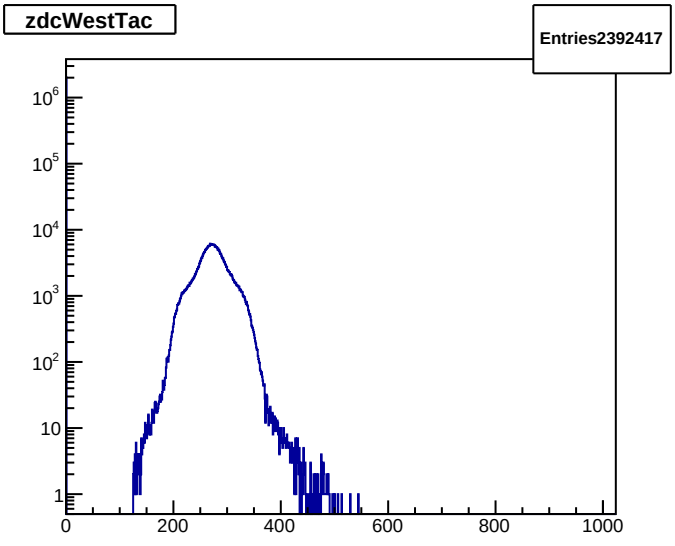

vpdWestNHitsVsSimu
Entries 1524851

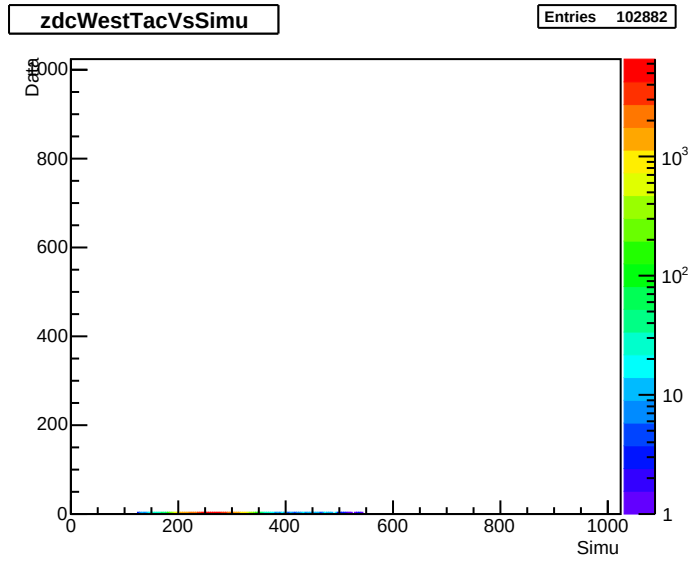

vpdWestTacSum
Entries2392417

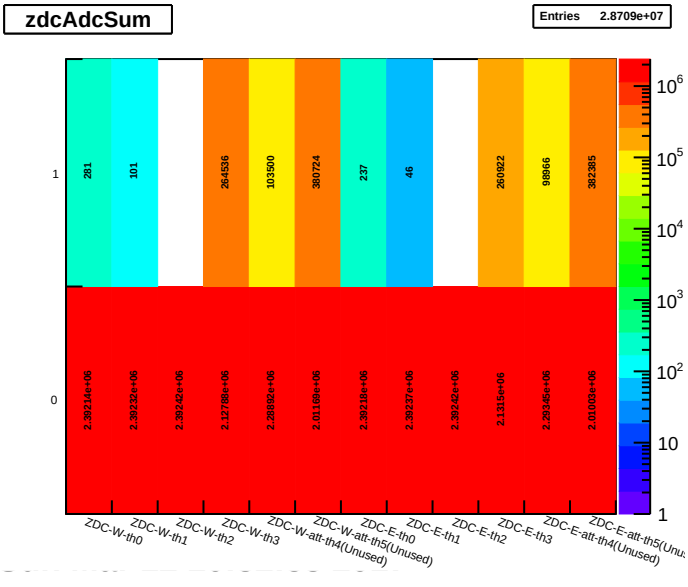

vpdWestTacSumVsSimu
Entries 1612711
Data
Simu

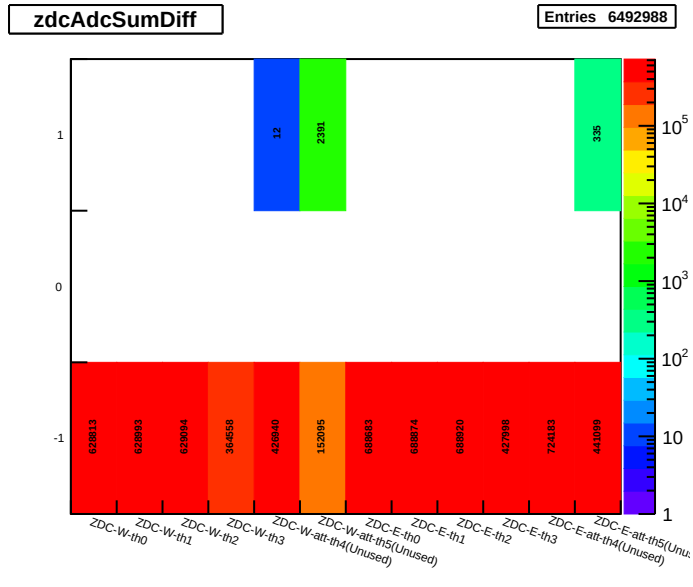

zdcEastTac
Entries2392417

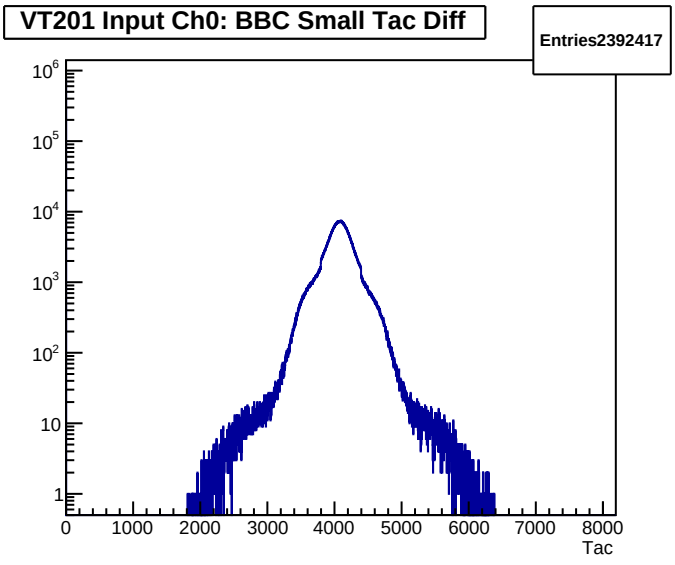

zdcEastTacVsSimu
Entries 117442
Data
Simu

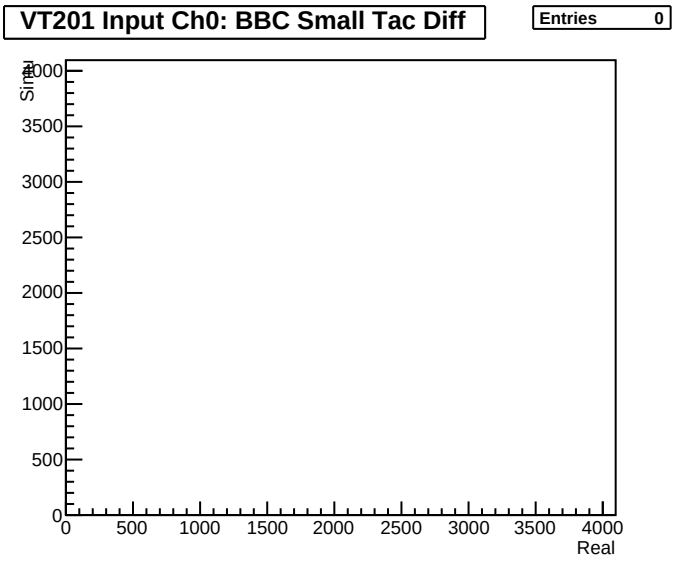

zdcWestTac
Entries2392417

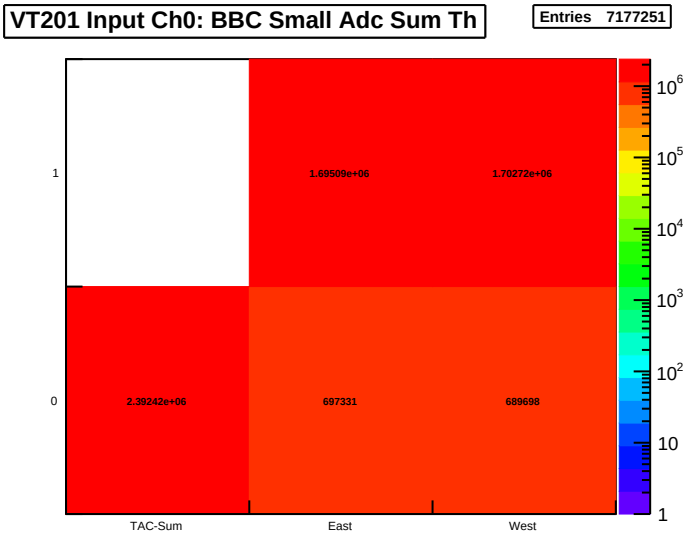

zdcWestTacVsSimu
Entries 102882
Data
Simu

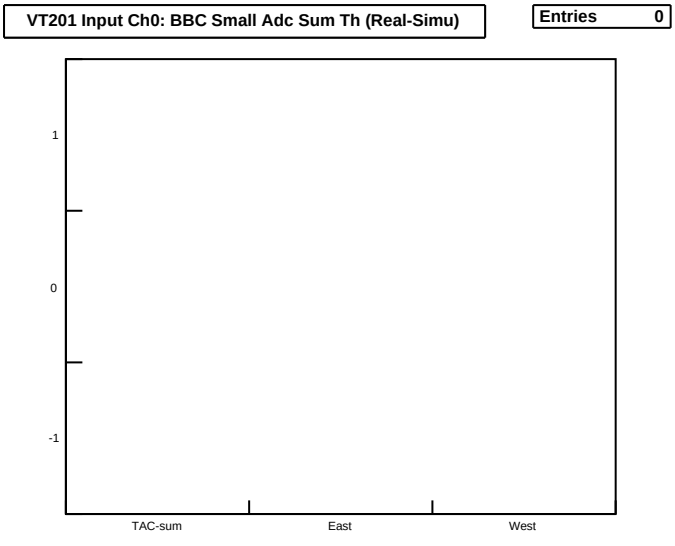

zdcAdcSum
Entries 2.8709e+07
281
101
264536
103500
380724
237
46
260922
99966
382385
2.39214e+06
2.39232e+06
2.39242e+06
2.12788e+06
2.28892e+06
2.01169e+06
2.39219e+06
2.39237e+06
2.39242e+06
2.13156e+06
2.29345e+06
2.01003e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

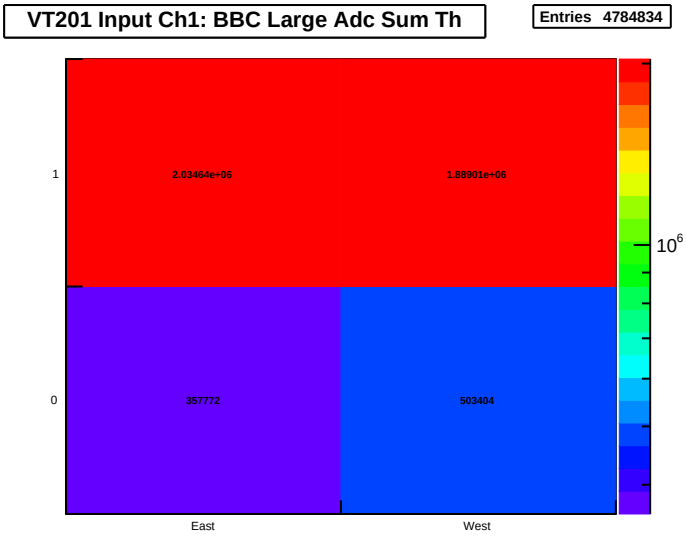

zdcAdcSumDiff
Entries 6492988
12
2391
335
628813
628993
629094
364558
429940
152095
688883
688874
688920
427998
724183
441099
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

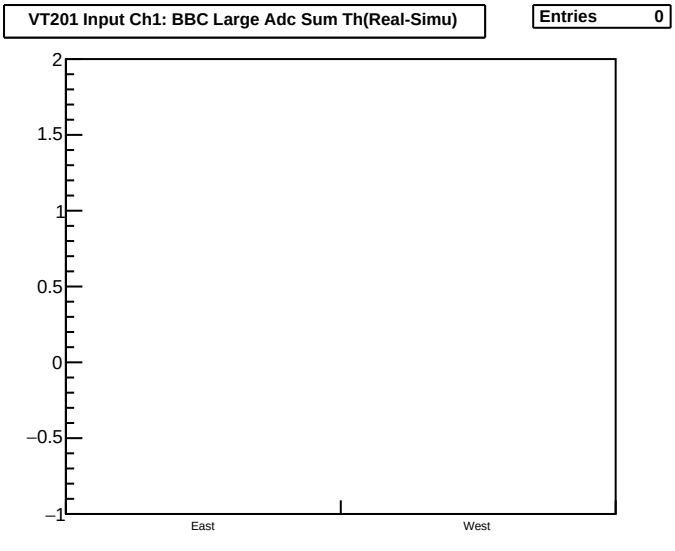

VT201 Input Ch0: BBC Small Tac Diff
Entries2392417
Tac


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

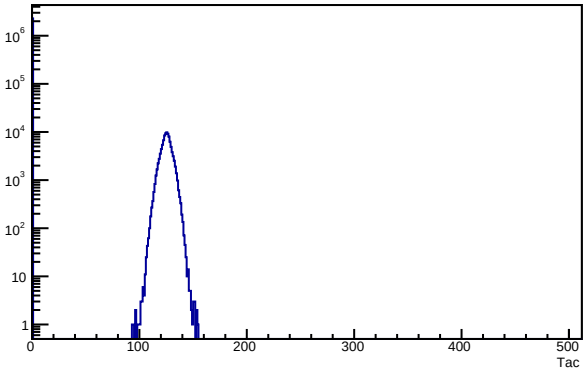

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 7177251
1.69509e+06
1.70272e+06
2.39242e+06
697331
689698
TAC-Sum
East
West


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

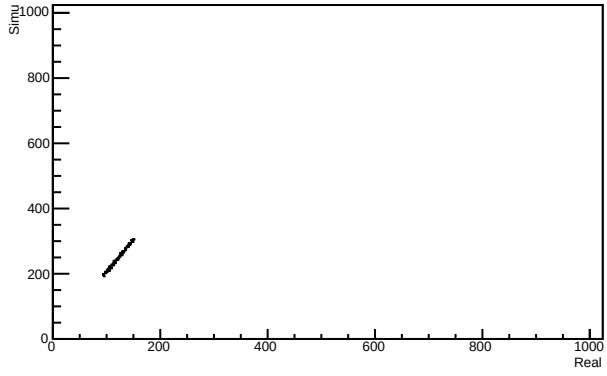

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 4784834
2.03464e+06
1.88901e+06
357772
503404
East
West


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

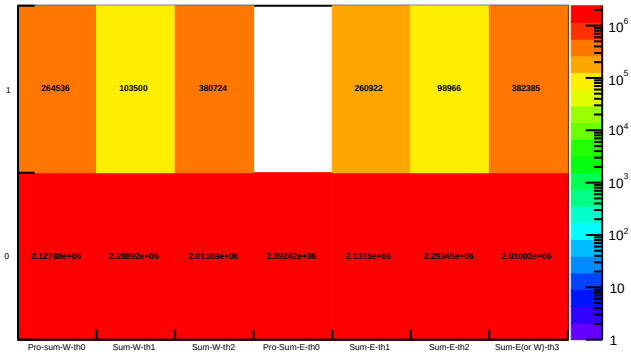
VT201 Input Ch2: ZDC Tac Diff



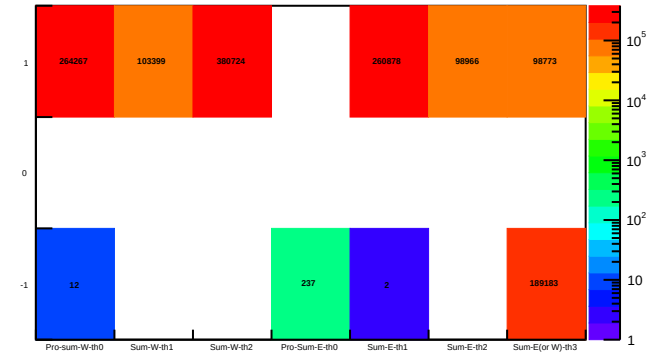
VT201 Input Ch2: ZDC Tac Diff



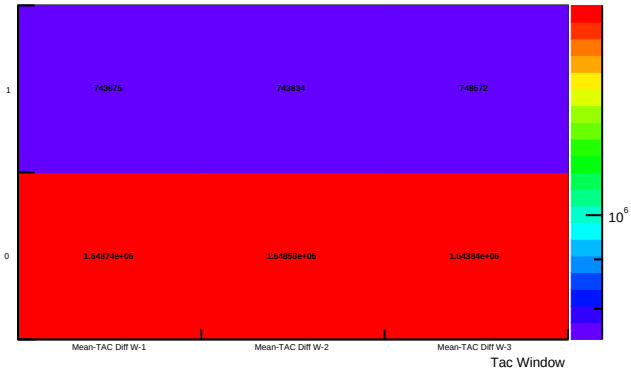
VT201 Input Ch2: ZDC Adc Sum Th



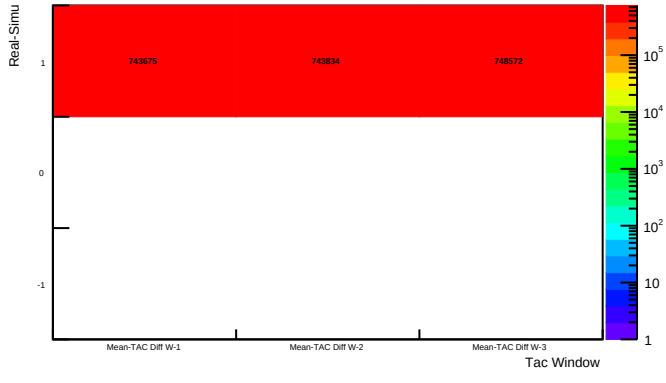
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



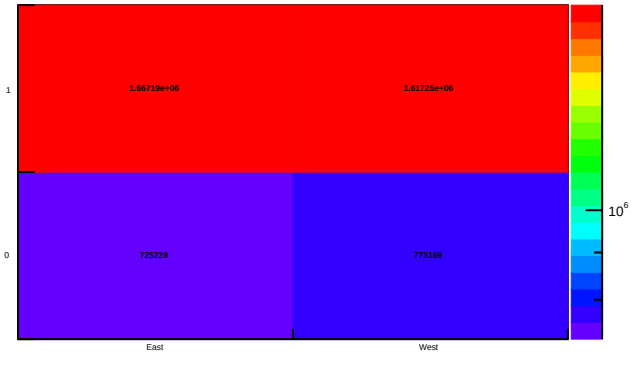
VT201 Input Ch4: VPD Tac Diff



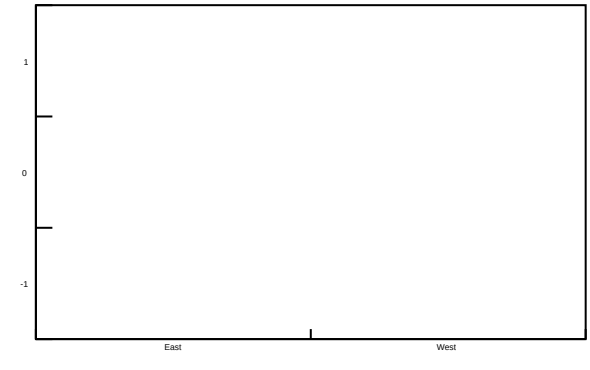
VT201 Input Ch4: VPD Tac Diff

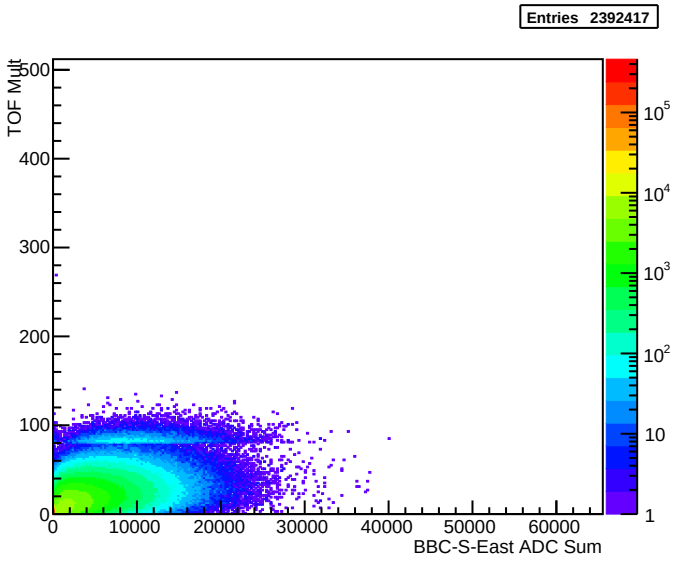


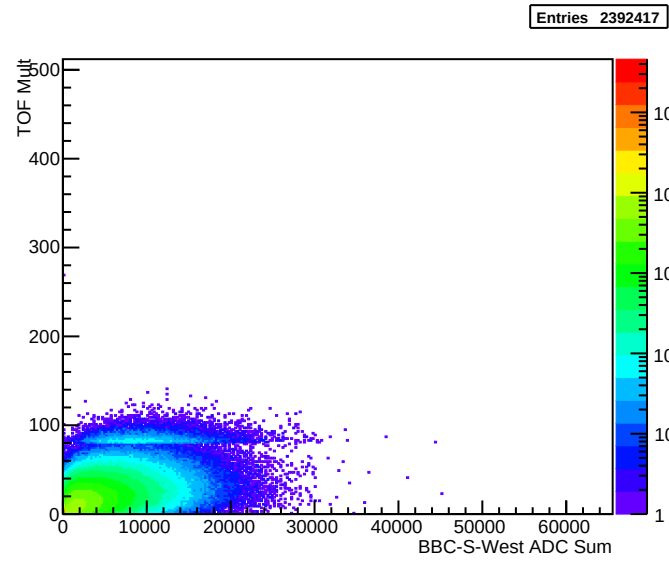
VT201 Input Ch4: VPD Adc Sum Th

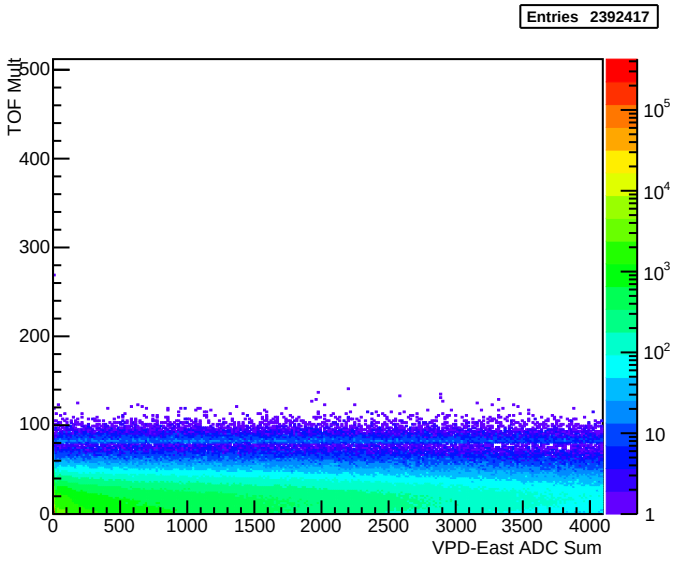


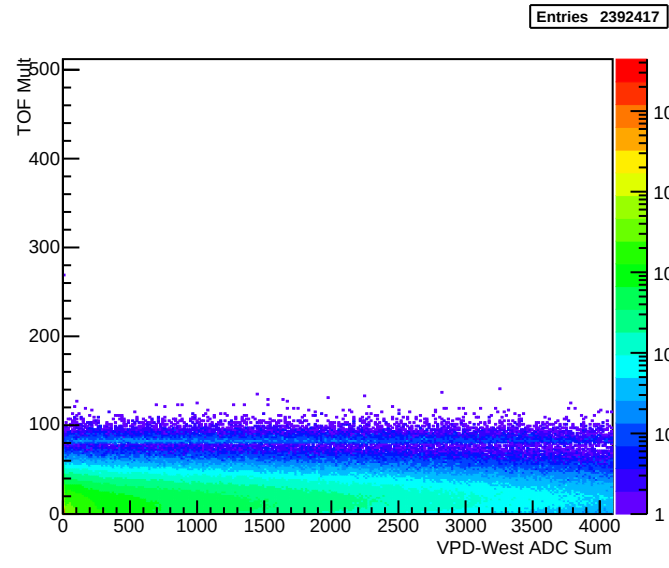
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

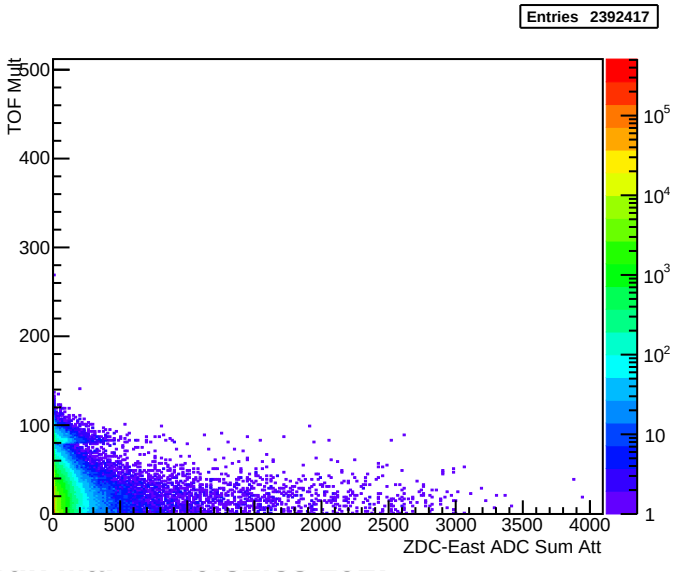


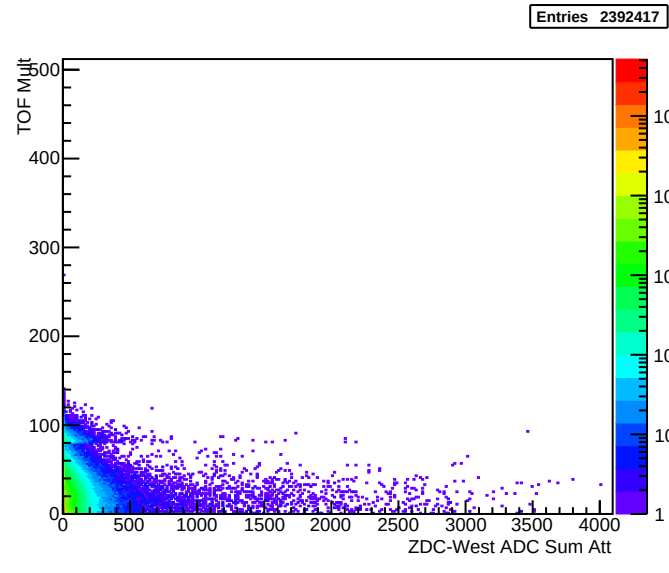

Entries 2392417
TOF Mult
BBC-S-East ADC Sum

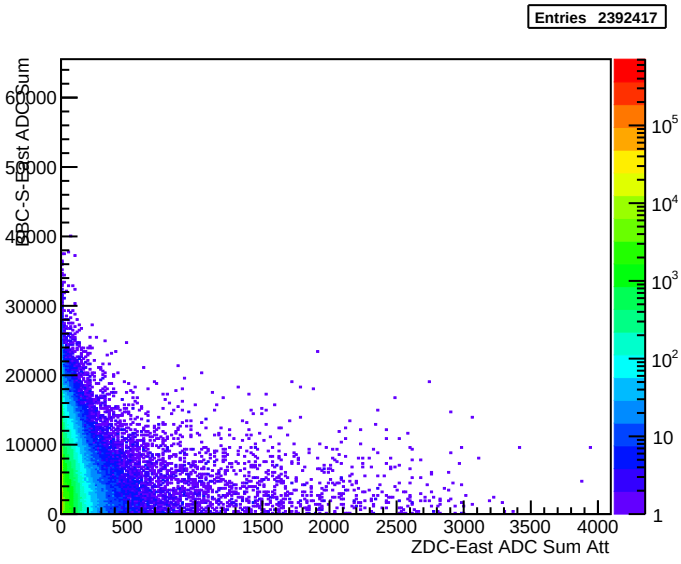

Entries 2392417
TOF Mult
BBC-S-West ADC Sum

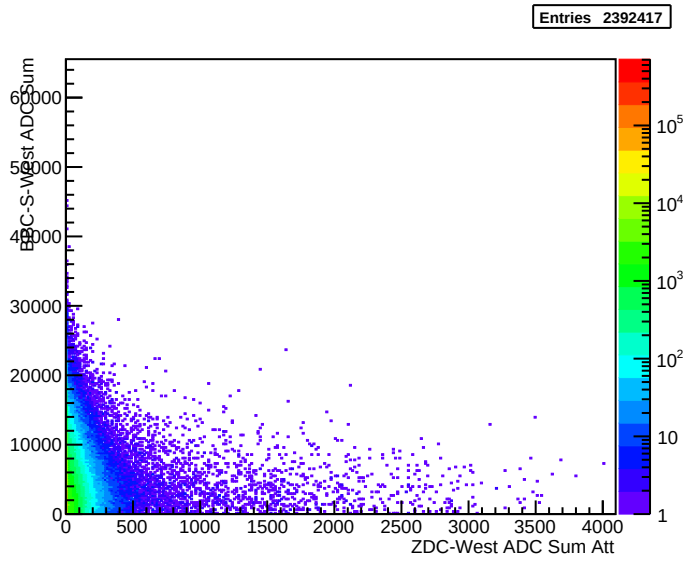

Entries 2392417
TOF Mult
VPD-East ADC Sum

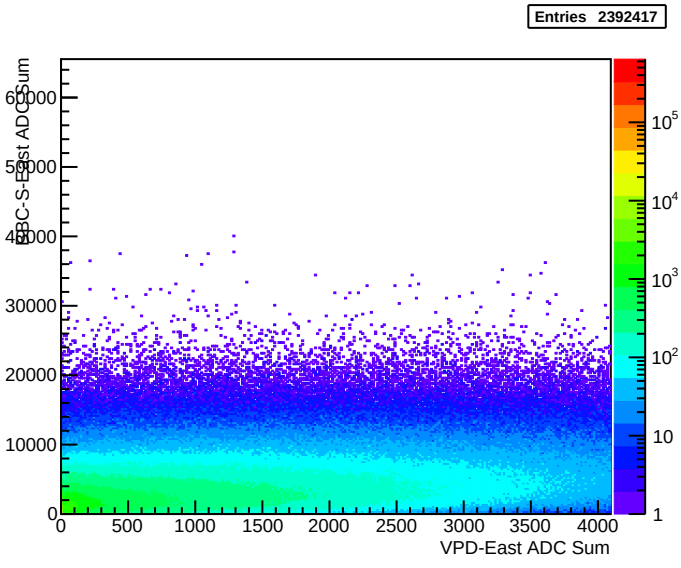

Entries 2392417
TOF Mult
VPD-West ADC Sum

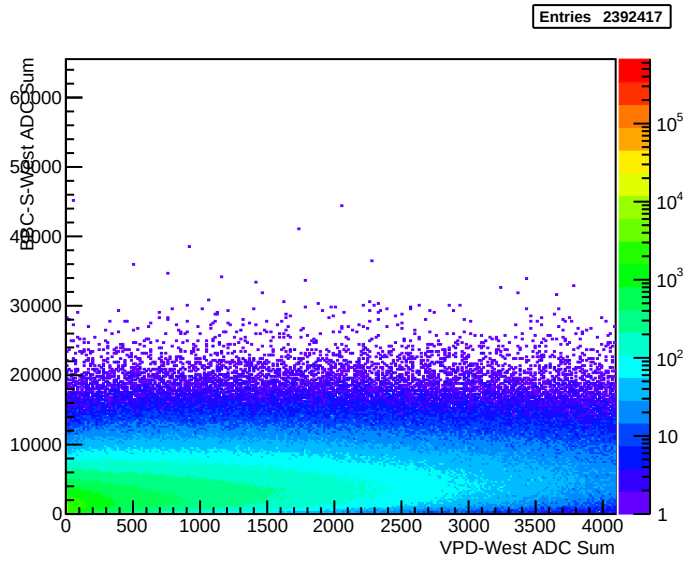

Entries 2392417
TOF Mult
ZDC-East ADC Sum Att

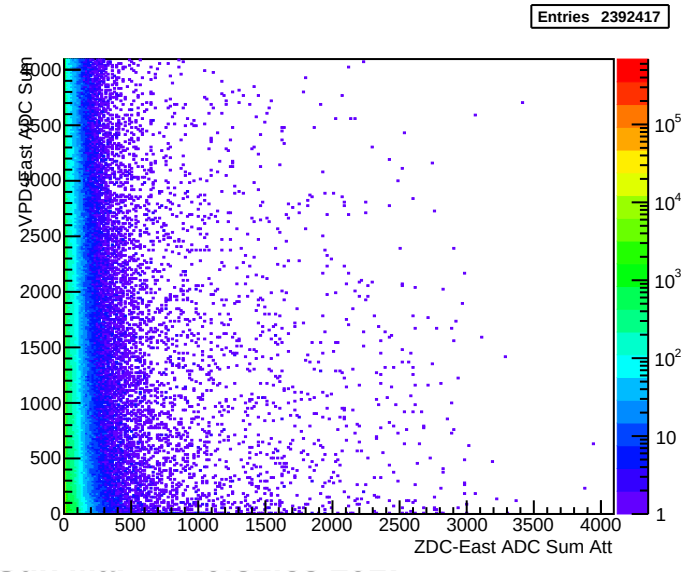

Entries 2392417
TOF Mult
ZDC-West ADC Sum Att

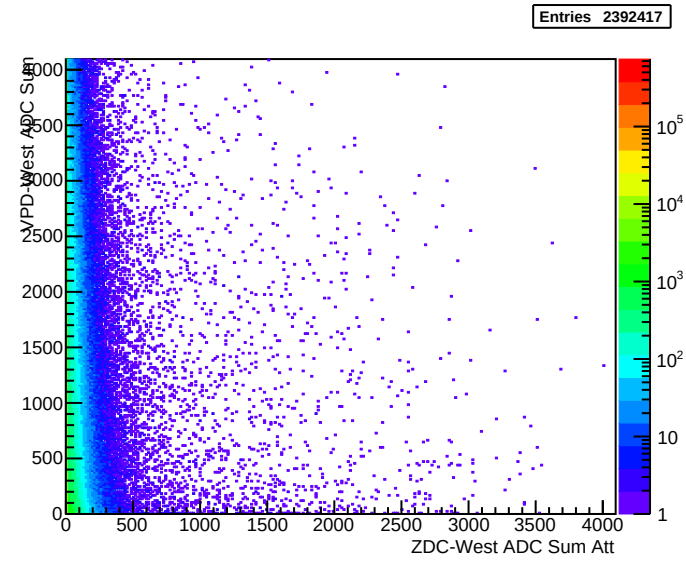

Entries 2392417
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

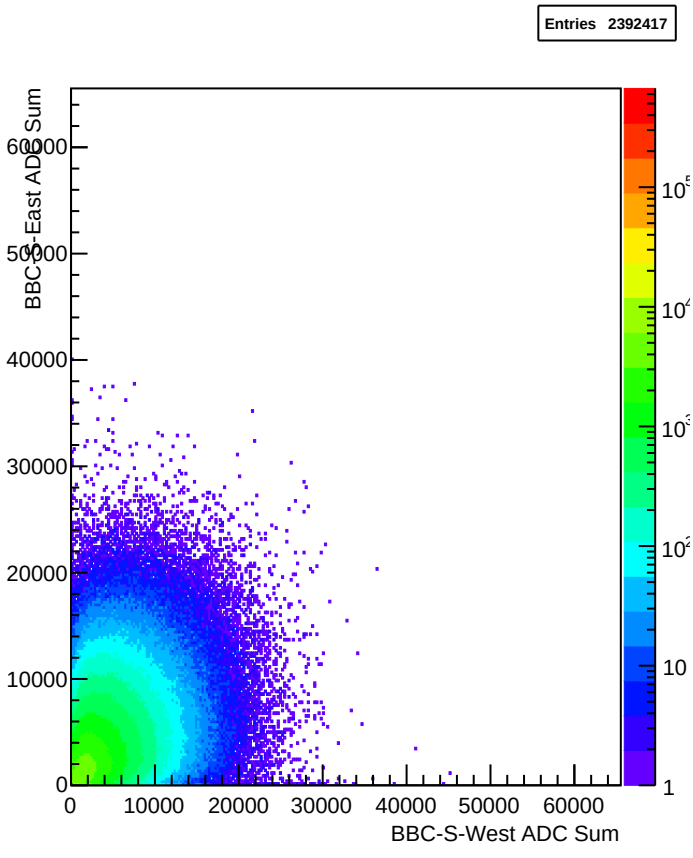

Entries 2392417
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

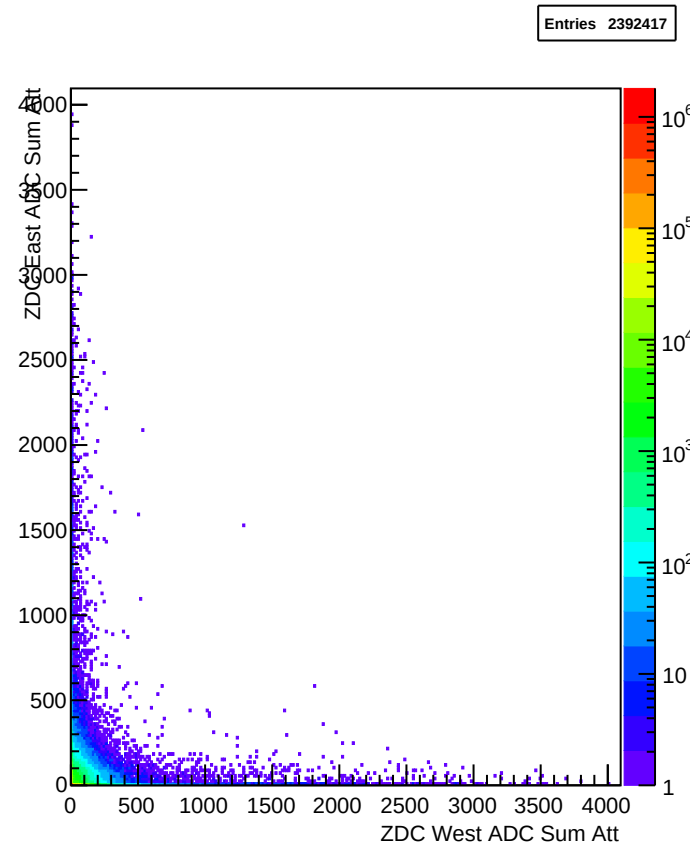

Entries 2392417
BBC-S-East ADC Sum
VPD-East ADC Sum

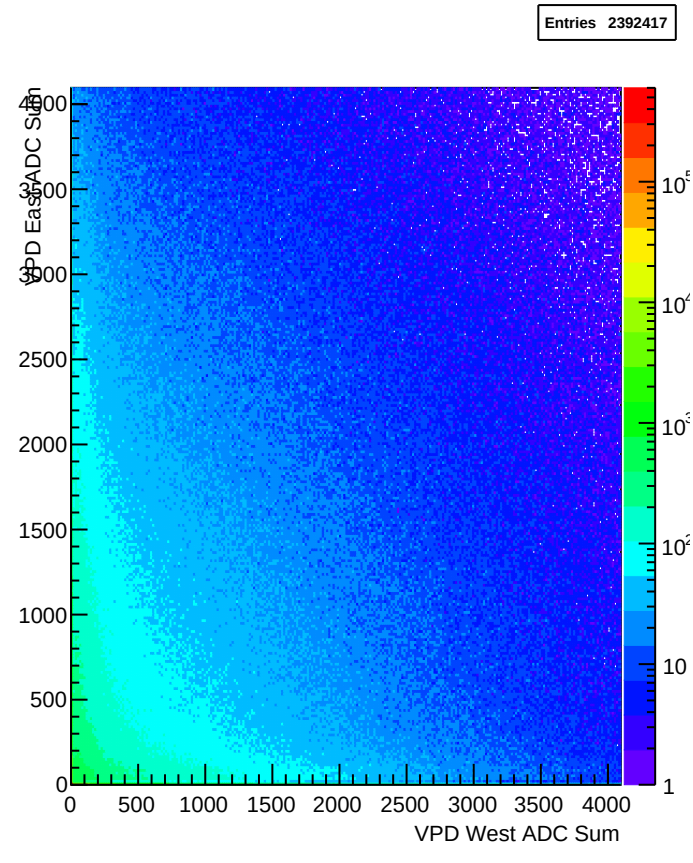

Entries 2392417
BBC-S-West ADC Sum
VPD-West ADC Sum

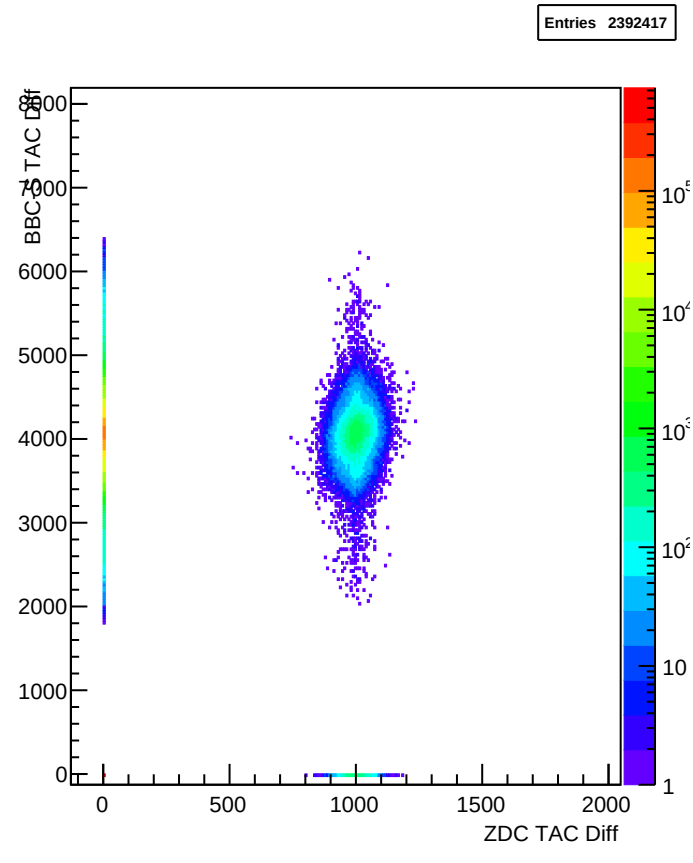

Entries 2392417
VPD-East ADC Sum
ZDC-East ADC Sum Att

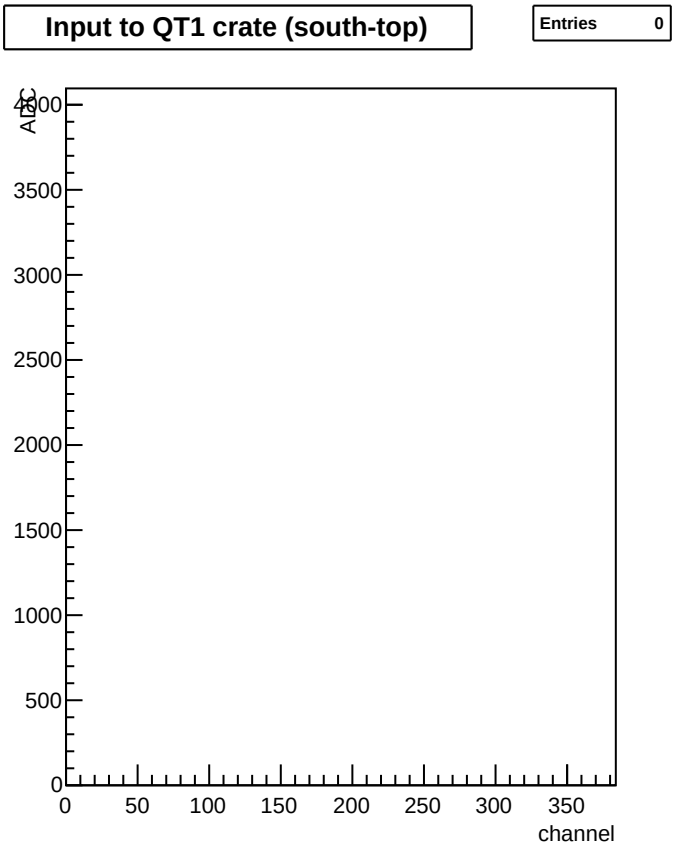

Entries 2392417
VPD-West ADC Sum
ZDC-West ADC Sum Att

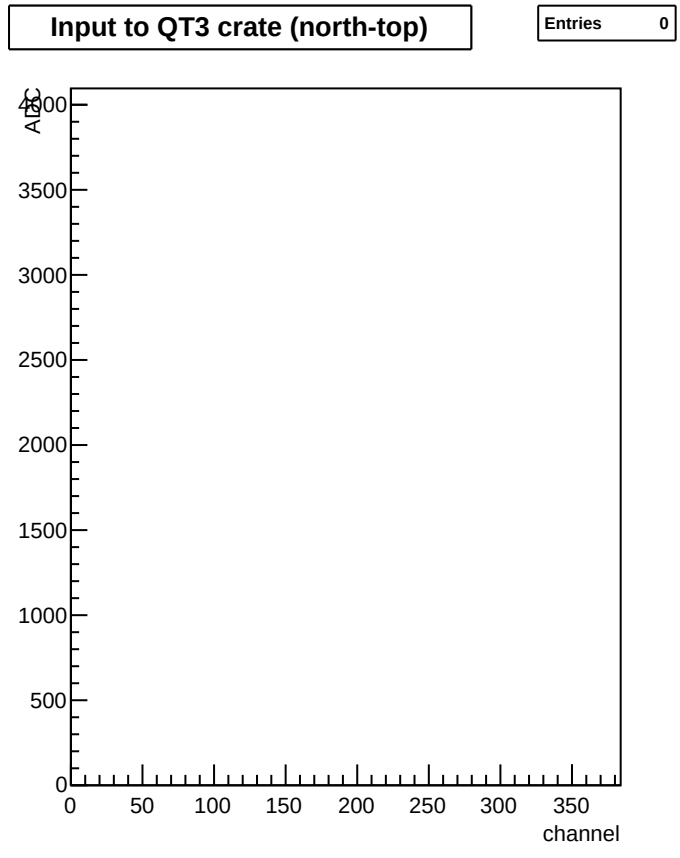

Entries 2392417
BBC-S-East ADC Sum
BBC-S-West ADC Sum

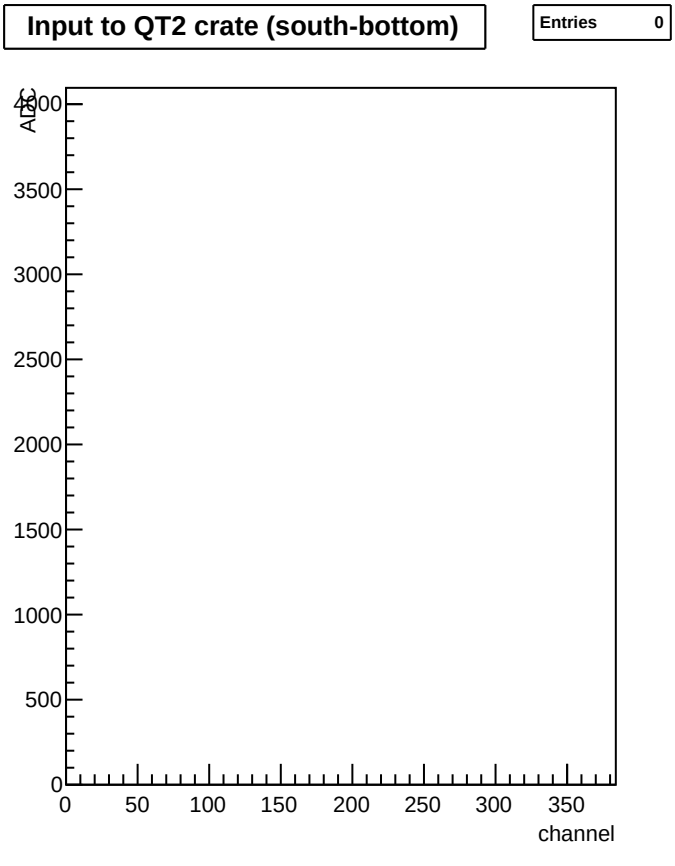

Entries 2392417
ZDC East ADC Sum Att
ZDC West ADC Sum Att

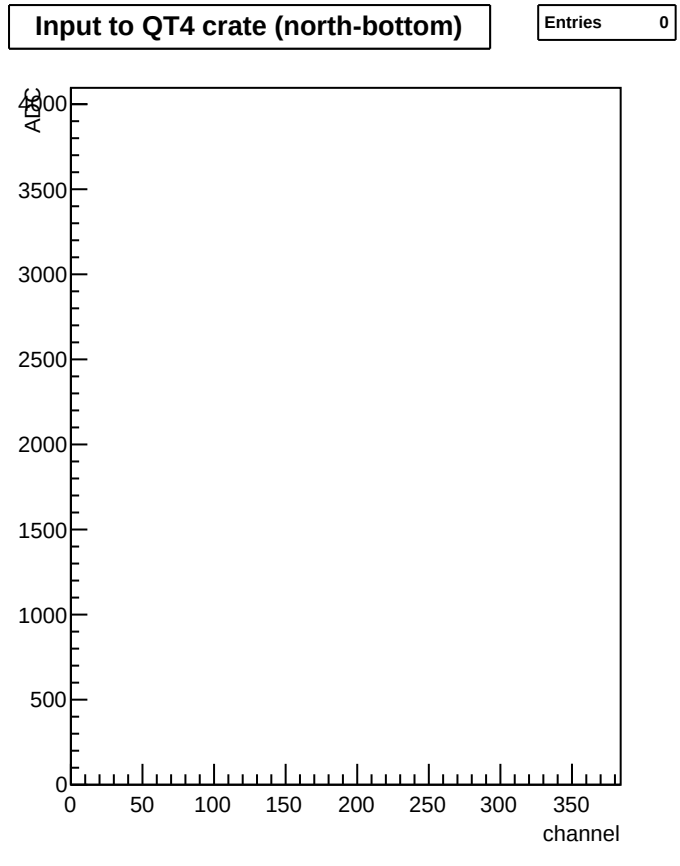

Entries 2392417
VPD East ADC Sum
VPD West ADC Sum

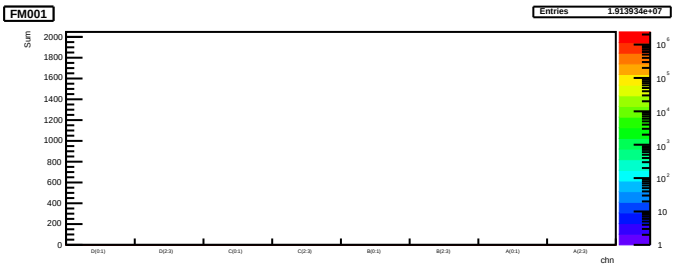

Entries 2392417
BBC-S TAC Diff
ZDC TAC Diff

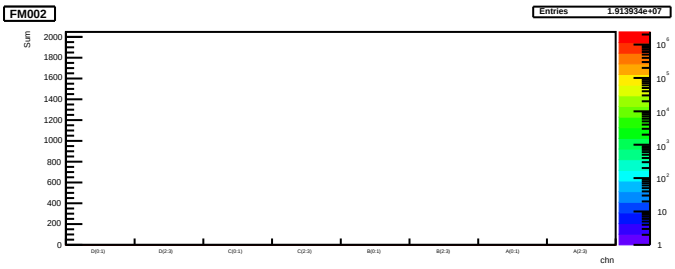

Input to QT1 crate (south-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

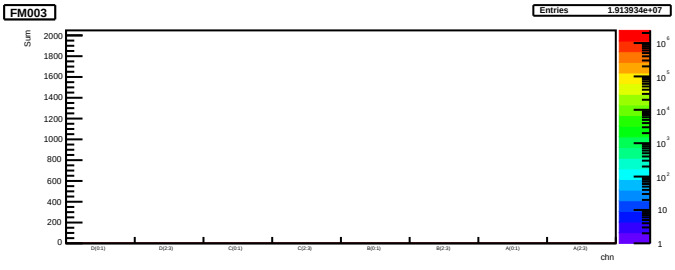

Input to QT3 crate (north-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

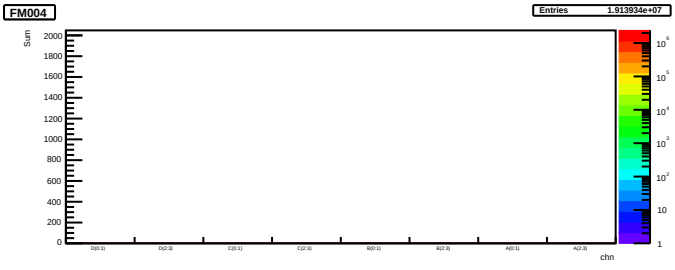

Input to QT2 crate (south-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

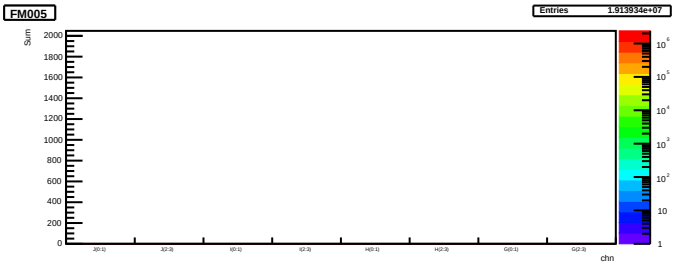

Input to QT4 crate (north-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

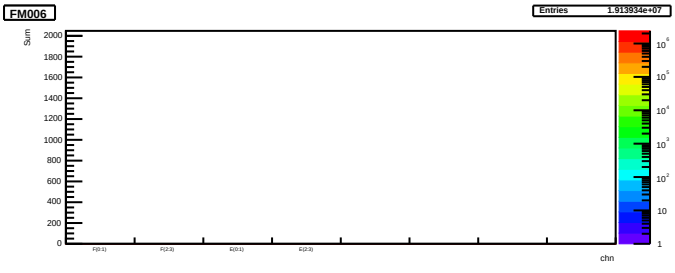

FM001
Entries 1.913934e+07
Sum
chn

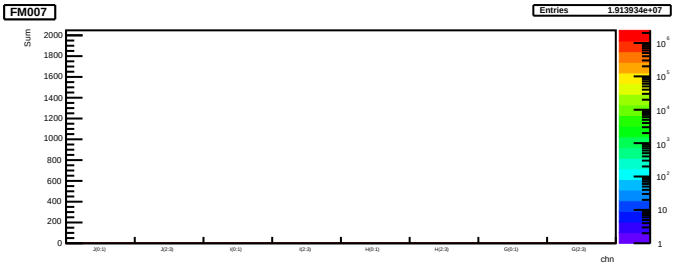

FM002
Entries 1.913934e+07
Sum
chn

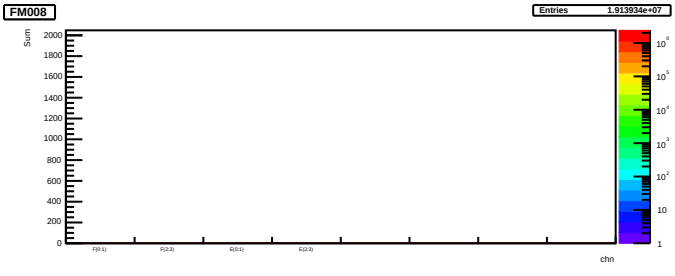

FM003
Entries 1.913934e+07
Sum
chn

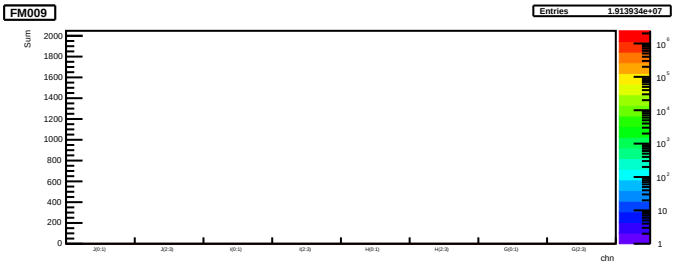

FM004
Entries 1.913934e+07
Sum
chn

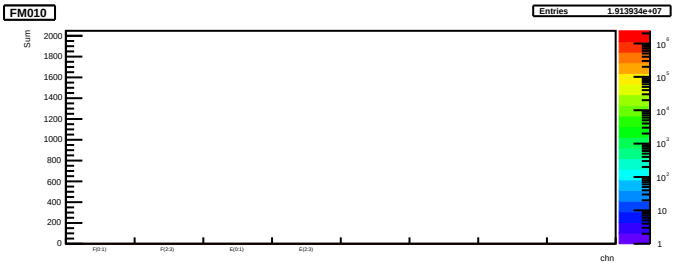

FM005
Entries 1.913934e+07
Sum
chn

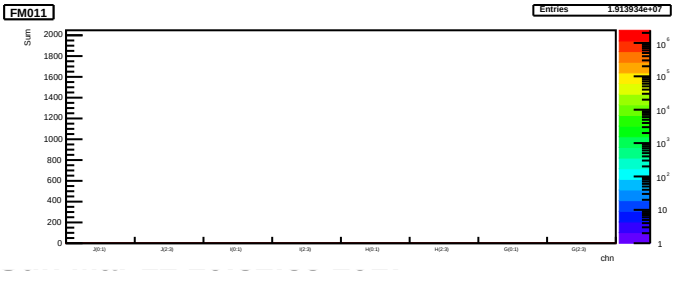

FM006
Entries 1.913934e+07
Sum
chn

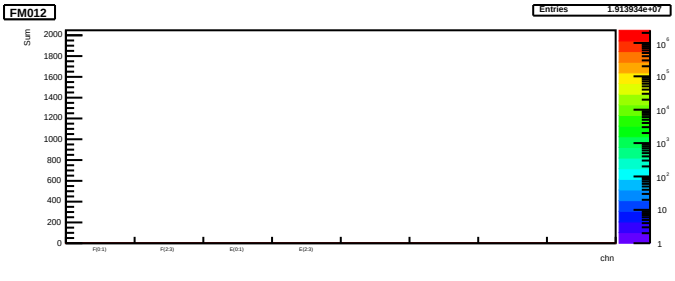

FM007
Entries 1.913934e+07
Sum
chn


FM008
Entries 1.913934e+07
Sum
chn


FM009
Entries 1.913934e+07
Sum
chn


FM010
Entries 1.913934e+07
Sum
chn


FM011
Entries 1.913934e+07
Sum
chn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Sum
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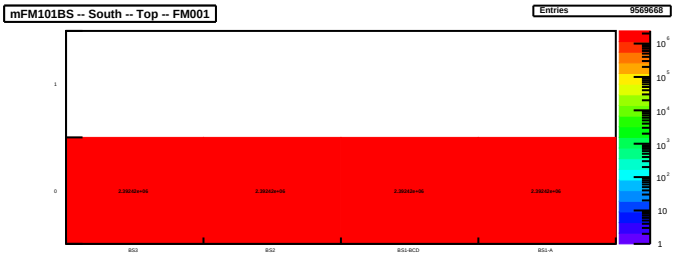
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Entries 9569668
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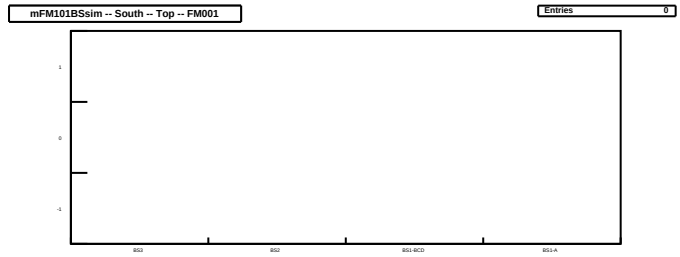
BS2
BS1-BCD
BS1-A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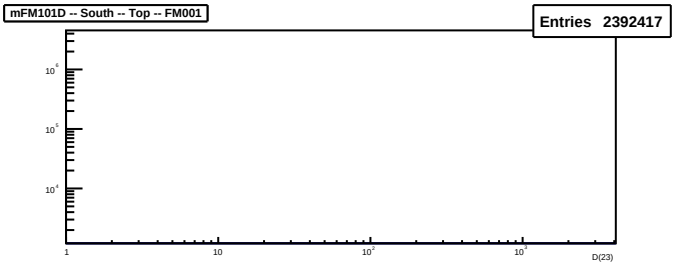
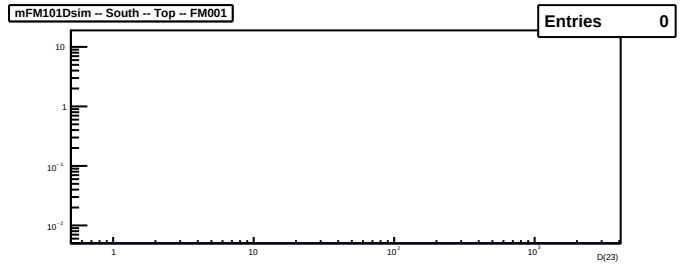
BS2
BS1-BCD
BS1-A


mFM101D -- South -- Top -- FM001
Entries 2392417
D(23)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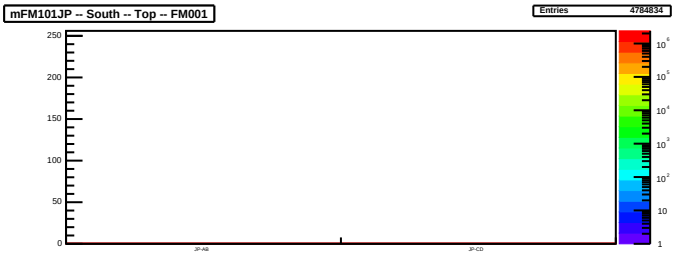
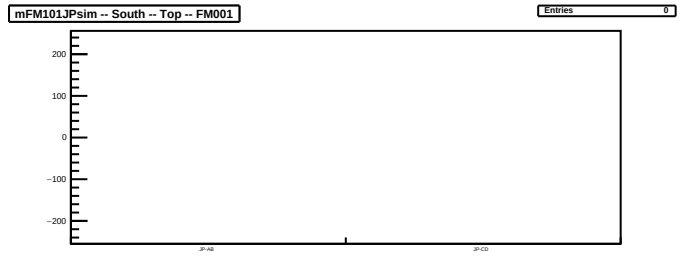
D(23)


mFM101JP -- South -- Top -- FM001
Entries 4784834
JP-AB
JP-CD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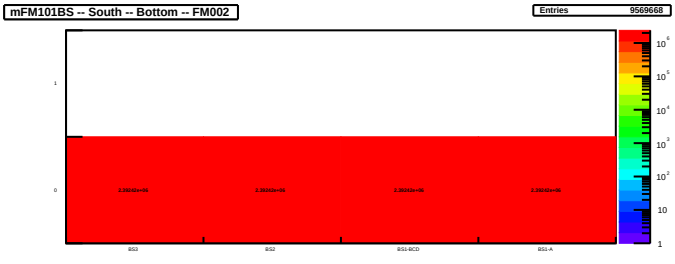
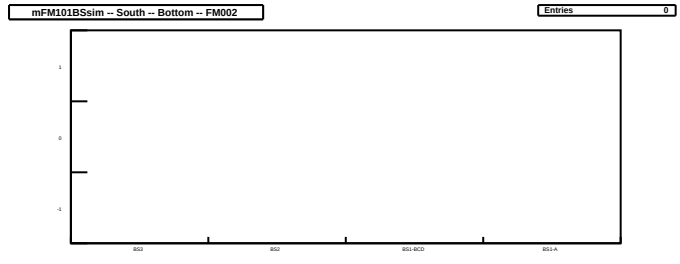
Entries 0
JP-AB
JP-CD


mFM101BS -- South -- Bottom -- FM002
Entries 9569668
BS3
BS2
BS1-BCD
BS1-A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Entries 0
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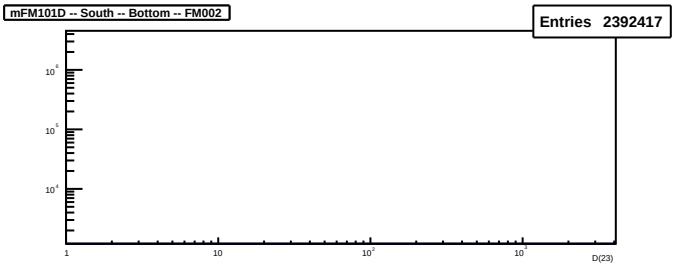
BS2
BS1-BCD
BS1-A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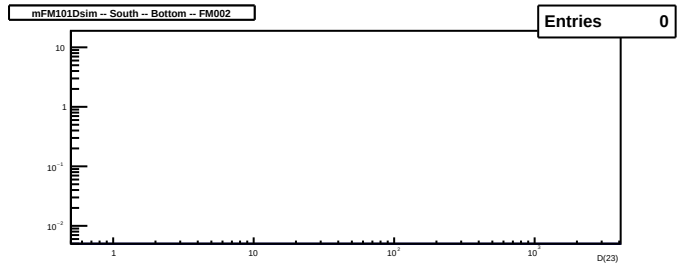
Entries 2392417
D(23)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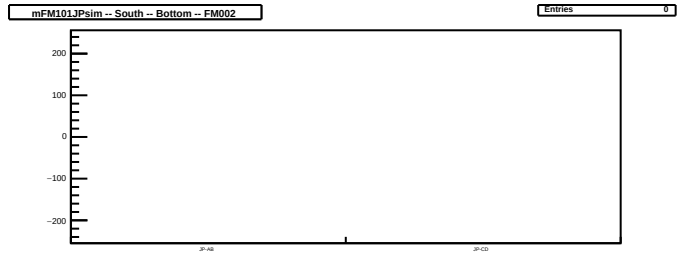
Entries 0
D(23)

mFM101JP -- South -- Bottom -- FM002
Entries 4784834
JP-AB
JP-CD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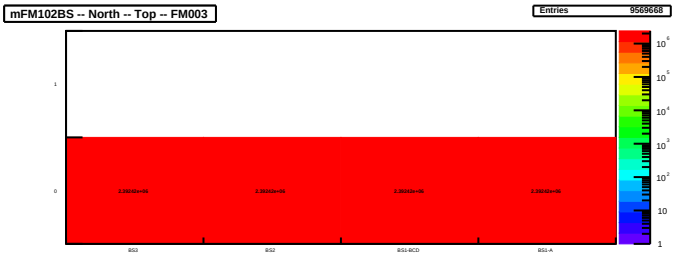
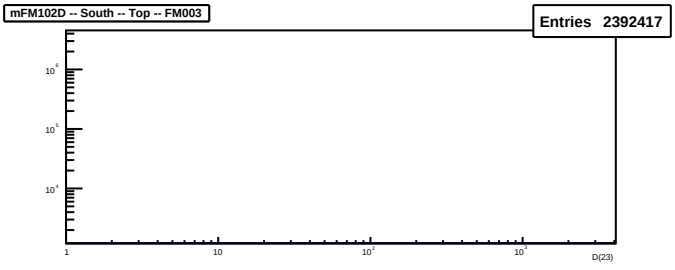
Entries 0
JP-AB
JP-CD


mFM102BS -- North -- Top -- FM003
Entries 9569668
BS3
BS2
BS1-BCD
BS1-A

mFM102BSsim -- North -- Top -- FM003
Entries 0
BS3
BS2
BS1-BCD
BS1-A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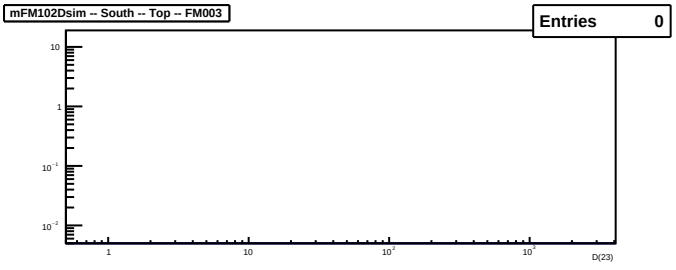
Entries 2392417
D(23)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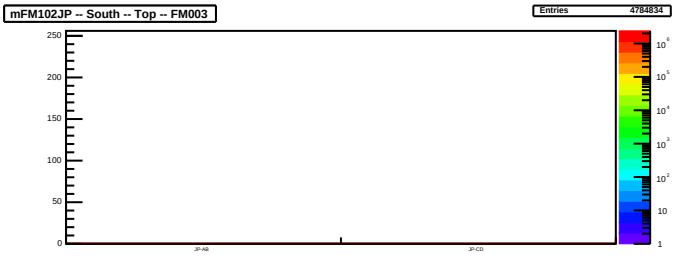
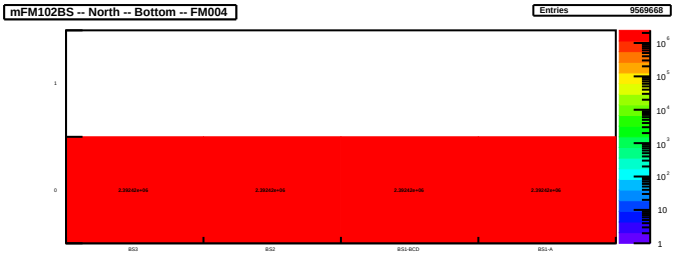
Entries 0
D(23)


mFM102JP -- South -- Top -- FM003
Entries 4784834
JP-AB
JP-CD

mFM102JPsim -- South -- Top -- FM003
Entries 0
JP-AB
JP-CD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Entries 9569668
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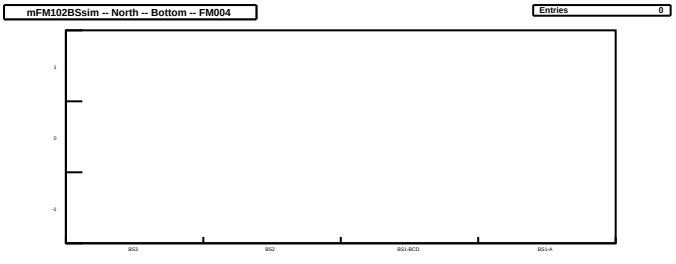
BS2
BS1-BCD
BS1-A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Entries 0
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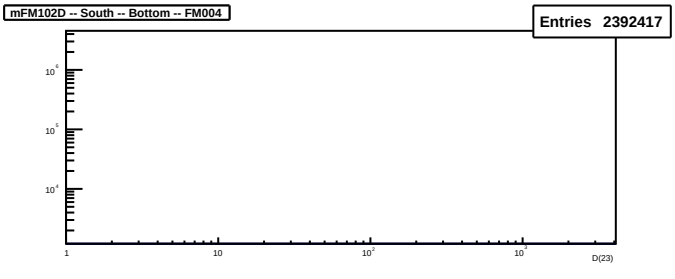
BS2
BS1-BCD
BS1-A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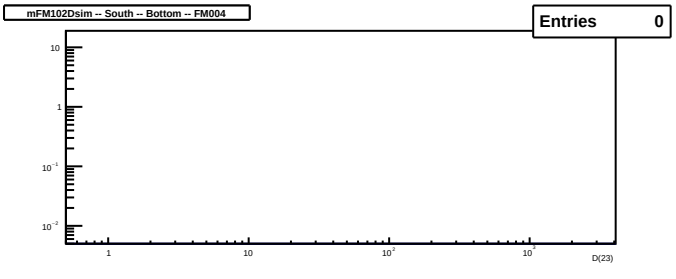
Entries 2392417
D(23)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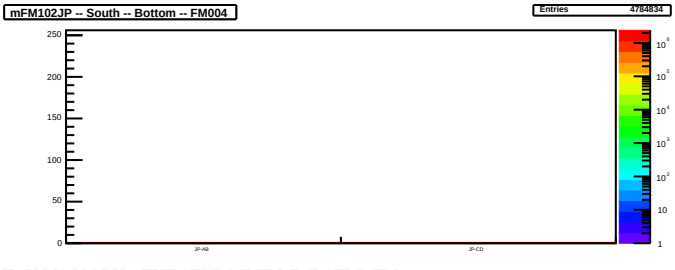
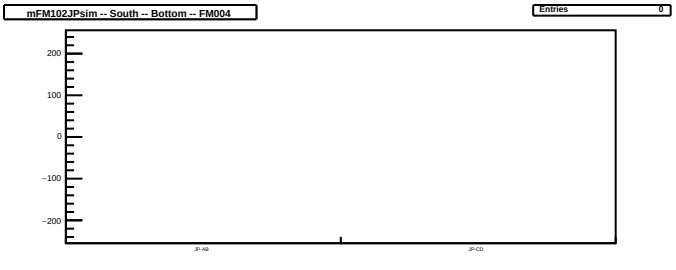
Entries 0
D(23)


mFM102JP -- South -- Bottom -- FM004
Entries 4784834
JP-AB
JP-CD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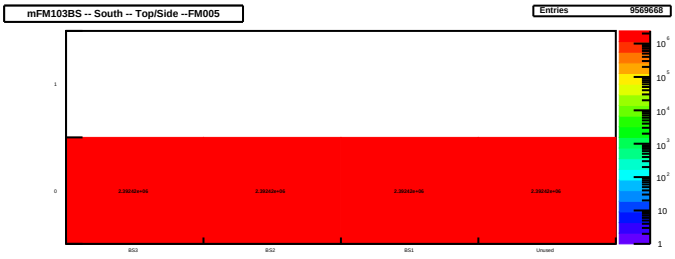
Entries 0
JP-AB
JP-CD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Entries 9569668
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BS2
BS1
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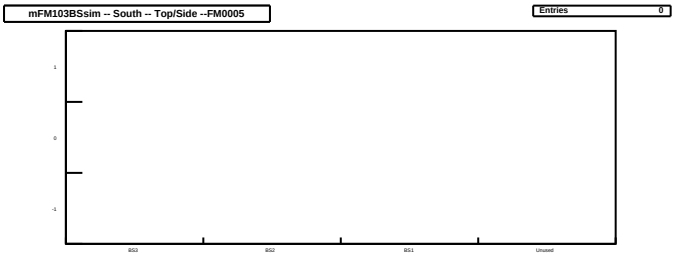
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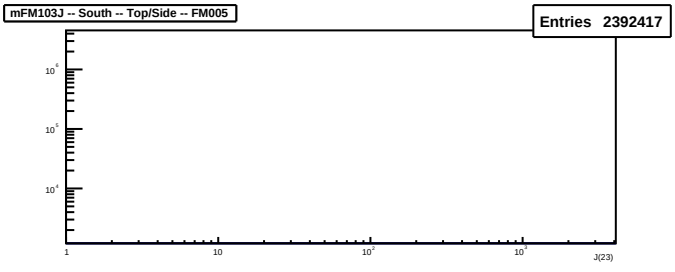
Entries 0
BS3
BS2
BS1
Unused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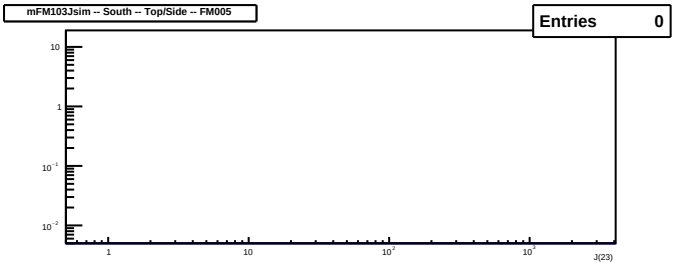
Entries 2392417
J(23)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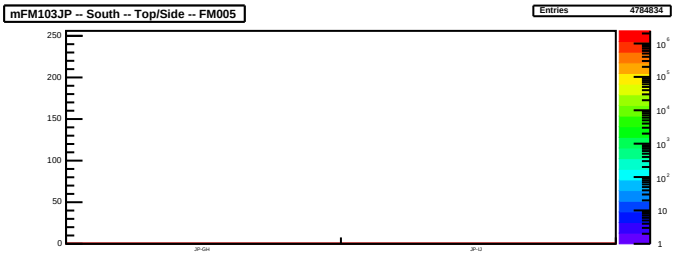
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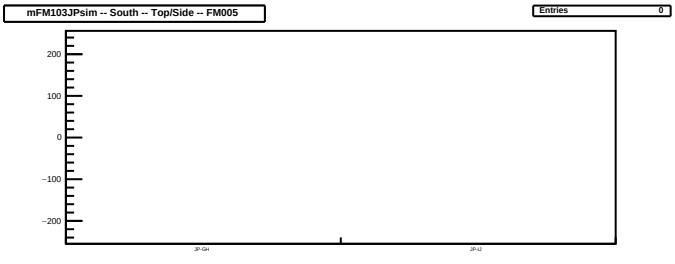
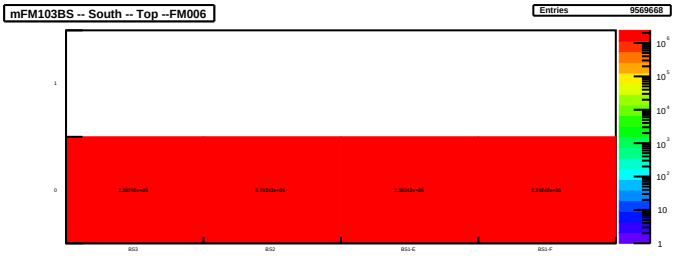
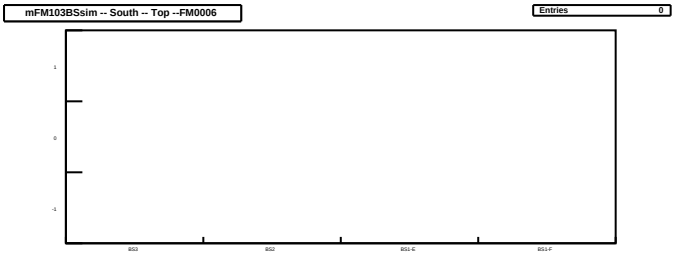
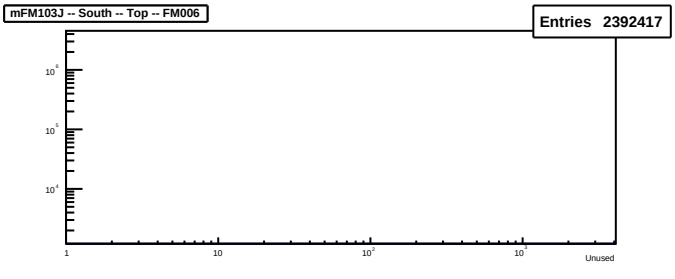
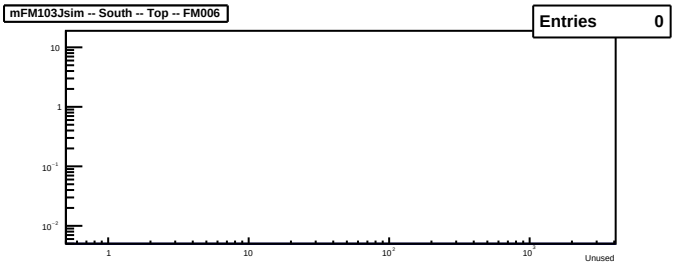
Entries 4784834
JP-GH
JP-IJ


mFM103JPsim -- South -- Top/Side -- FM005
Entries 0
JP-GH
JP-IJ

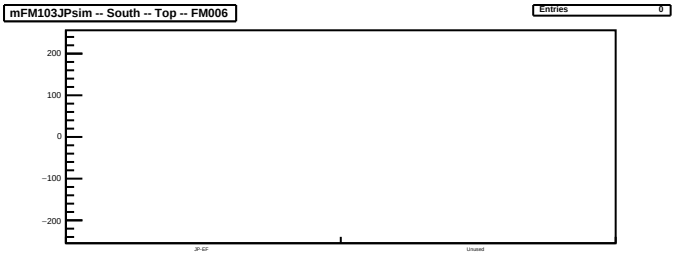

mFM103BS -- South -- Top --FM006
Entries 9569668
BS3
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Top --FM0006
Entries 0
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Top -- FM006
Entries 2392417
Unused


mFM103Jsim -- South -- Top -- FM006
Entries 0
Unused

mFM103JP -- South -- Top -- FM006
Entries 4784834
JP-EF
Unused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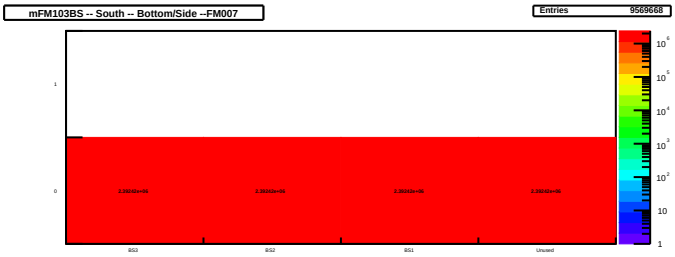
Entries 0
JP-EF
Unused


mFM103BS -- South -- Bottom/Side --FM007
Entries 9569668
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2.39242e+06
2.39242e+06
2.39242e+06
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BS2
BS1
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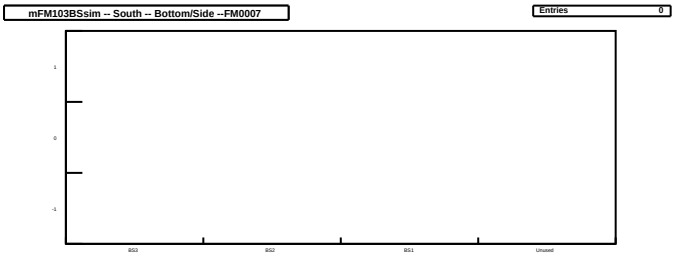
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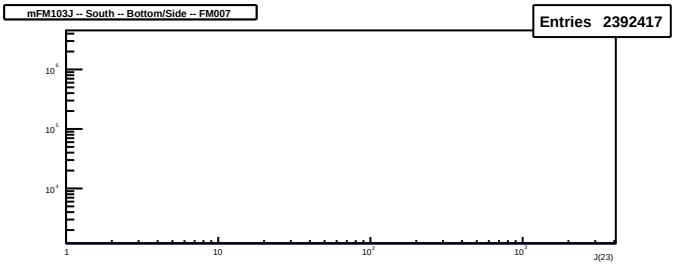
Entries 0
BS3
BS2
BS1
Unused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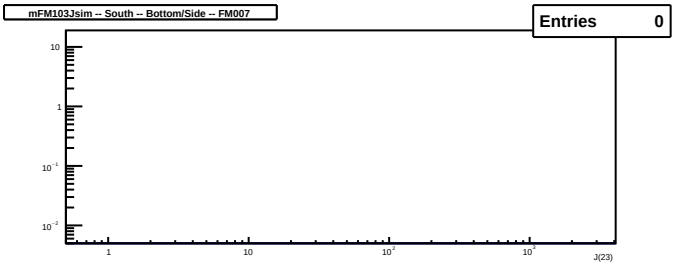
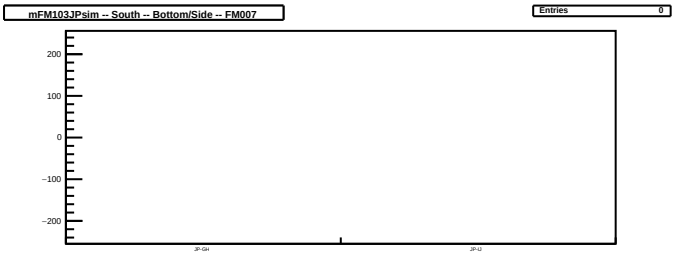
Entries 2392417
J(23)


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

mFM103JP -- South -- Bottom/Side -- FM007
Entries 4784834
JP-GH
JP-IJ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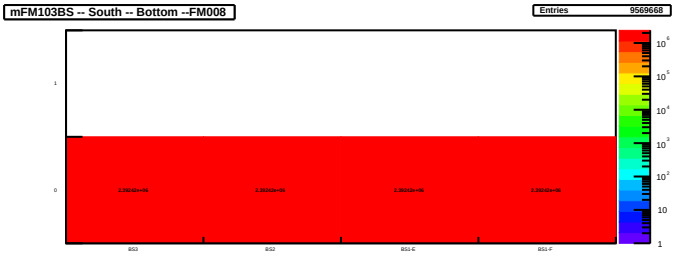
Entries 0
JP-GH
JP-IJ


mFM103BS -- South -- Bottom --FM008
Entries 9569668
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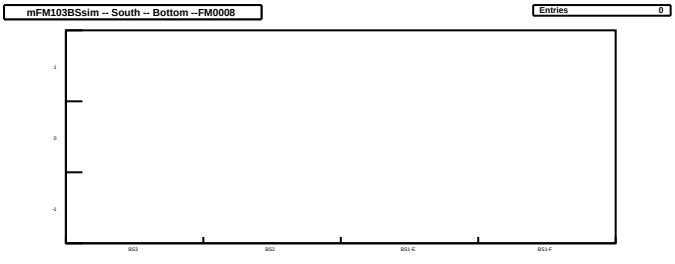
2.39242e+06
2.39242e+06
2.39242e+06
BS3
BS2
BS1-E
BS1-F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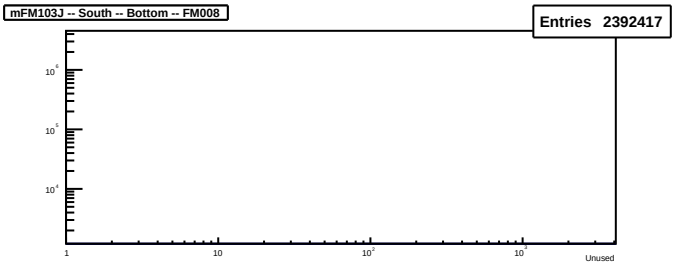
Entries 0
BS3
BS2
BS1-E
BS1-F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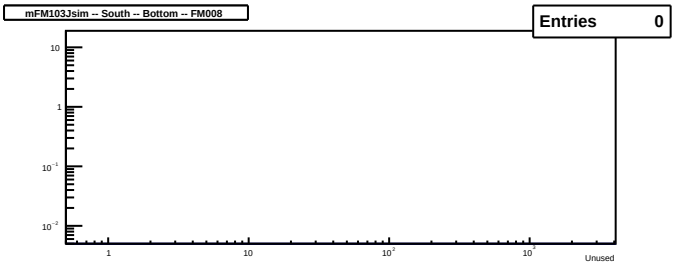
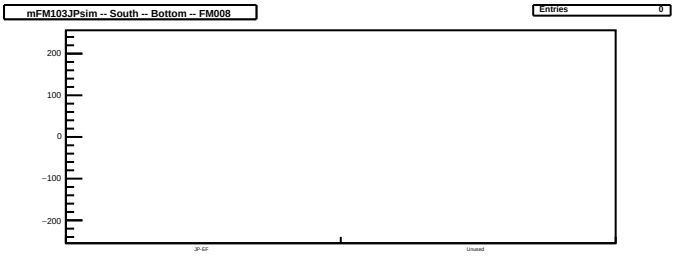
Entries 2392417
Unused


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

mFM103JP -- South -- Bottom -- FM008
Entries 4784834
JP-EF
Unused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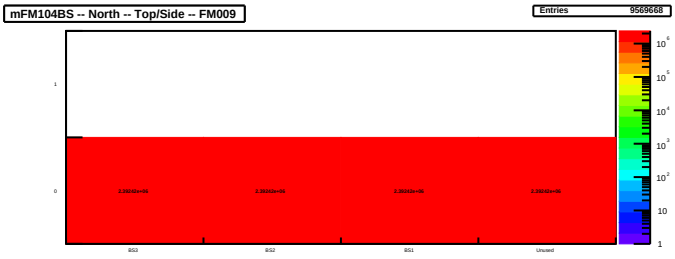
Entries 0
JP-EF
Unused


mFM104BS -- North -- Top/Side -- FM009
Entries 9569668
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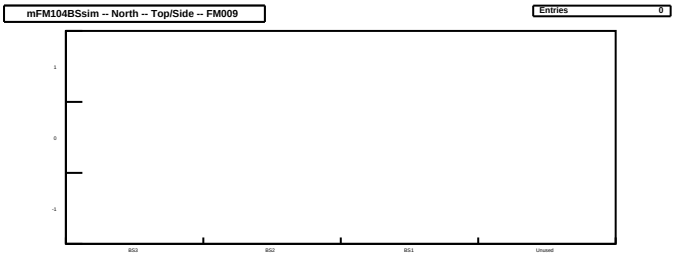
2.39242e+06
2.39242e+06
2.39242e+06
BS3
BS2
BS1
Unused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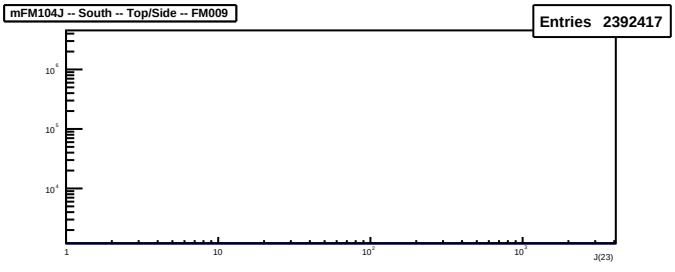
Entries 0
BS3
BS2
BS1
Unused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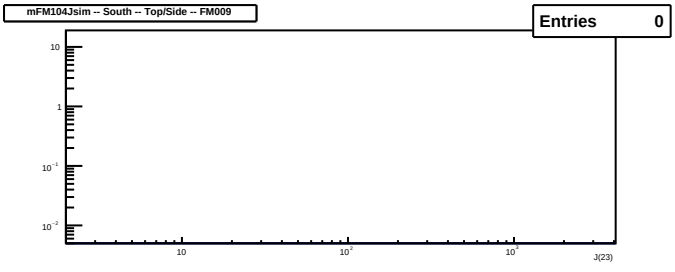
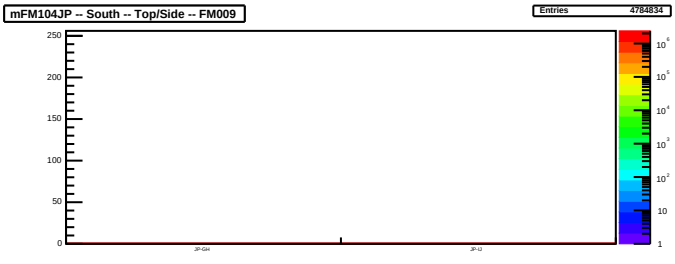
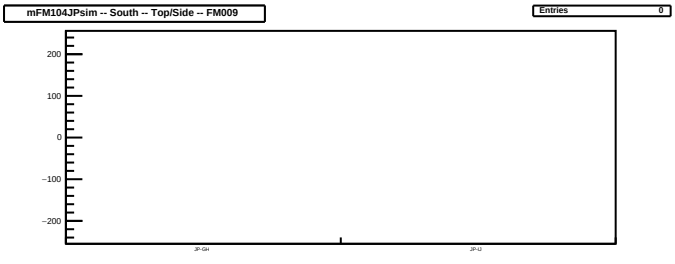
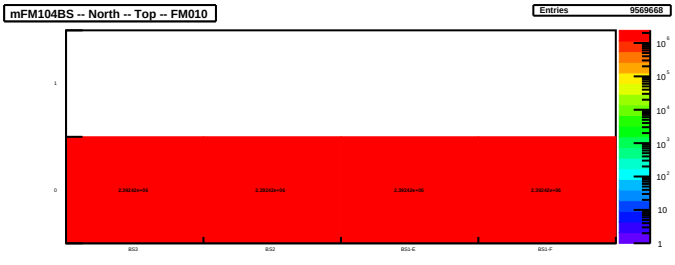
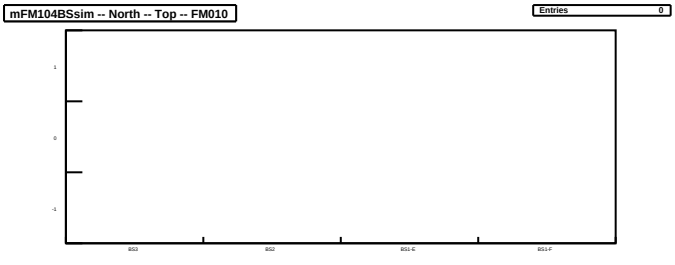
Entries 2392417
J(23)


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


mFM104JP -- South -- Top/Side -- FM009
Entries 4784834
JP-GH
JP-U


mFM104JPsim -- South -- Top/Side -- FM009
Entries 0
JP-GH
JP-U


mFM104BS -- North -- Top -- FM010
Entries 9569668
2.39242e+06
2.39242e+06
2.39242e+06
2.39242e+06
BS3
BS2
BS1-E
BS1-F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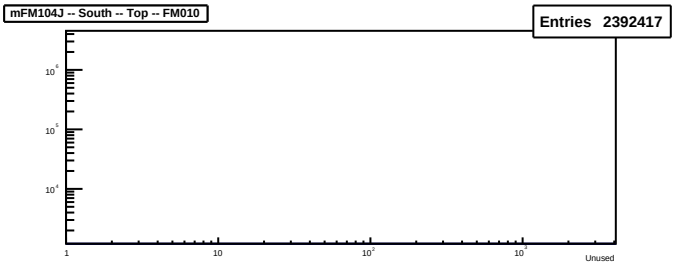
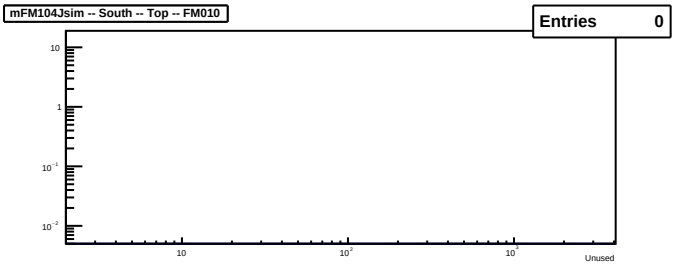
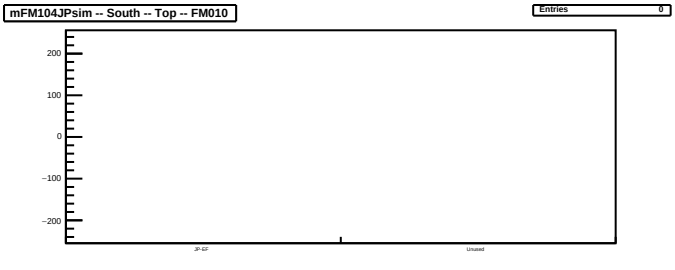
Entries 0
BS3
BS2
BS1-E
BS1-F


mFM104J -- South -- Top -- FM010
Entries 2392417
Unused


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

mFM104JP -- South -- Top -- FM010
Entries 4784834
JP-EF
Unused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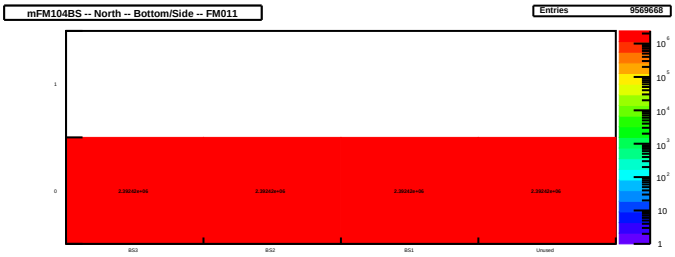
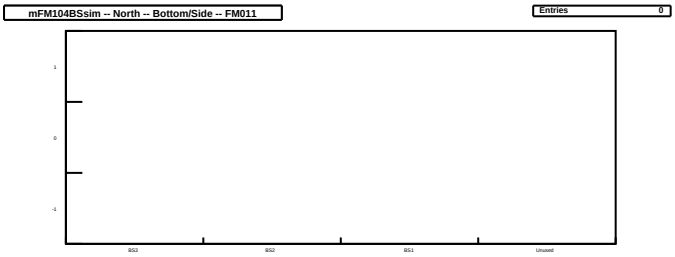
Entries 0
JP-EF
Unused


mFM104BS -- North -- Bottom/Side -- FM011
Entries 9569668
BS3
BS2
BS1
Unused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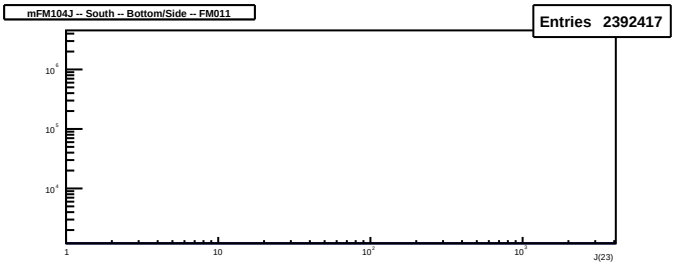
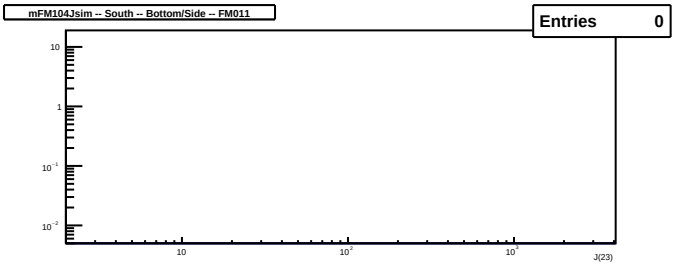
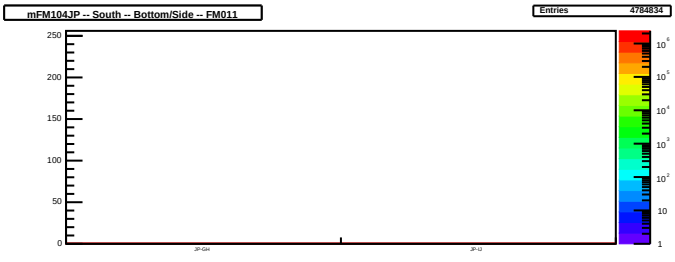
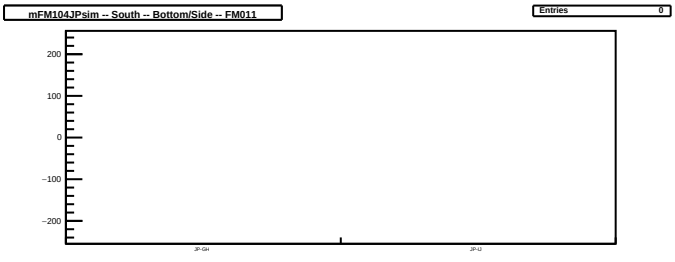
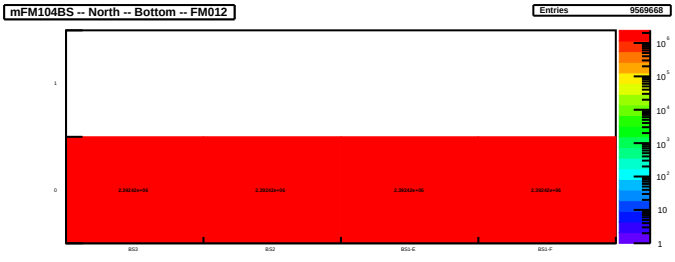
Entries 0
BS3
BS2
BS1
Unused

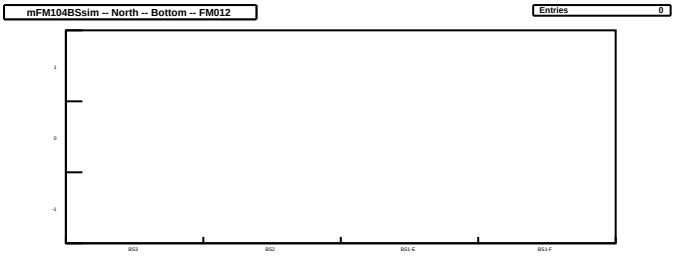

mFM104J -- South -- Bottom/Side -- FM011
Entries 2392417
J(23)

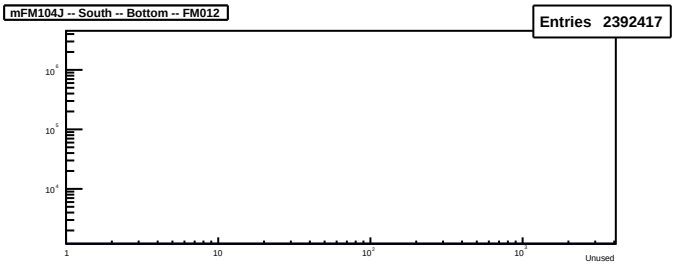

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

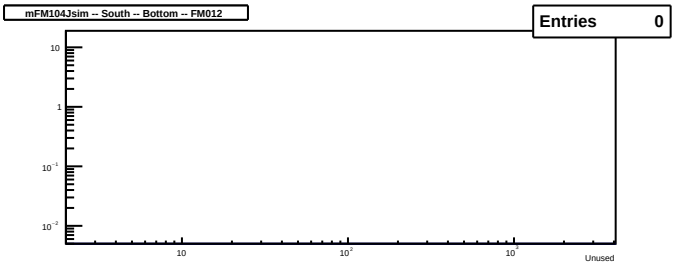

mFM104JP -- South -- Bottom/Side -- FM011
Entries 4784834
JP-GH
JP-IJ


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


mFM104BS -- North -- Bottom -- FM012
Entries 9569668
BS3
BS2
BS1-E
BS1-F

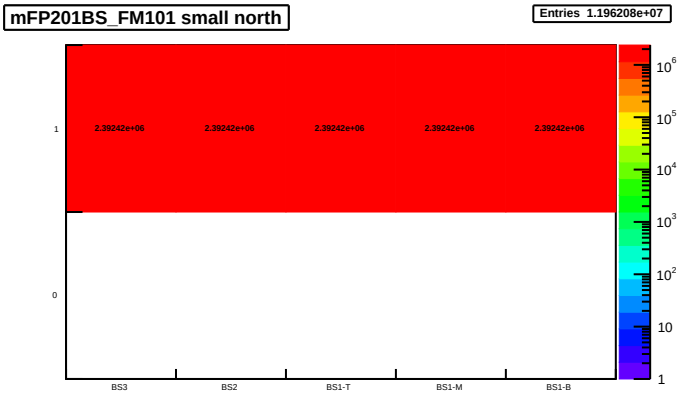

mFM104BSsim -- North -- Bottom -- FM012
Entries 0
BS3
BS2
BS1-E
BS1-F

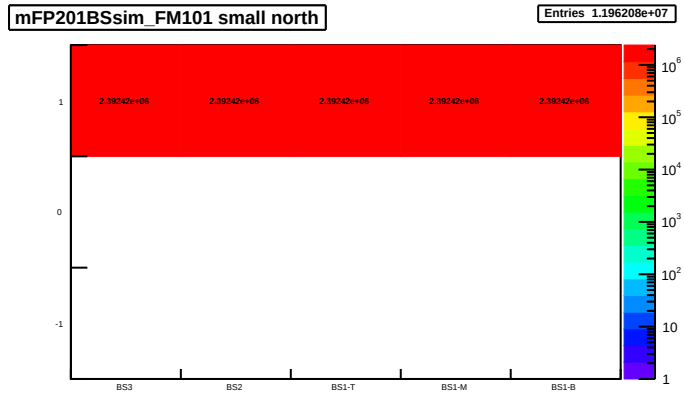

mFM104J -- South -- Bottom -- FM012
Entries 2392417
Unused

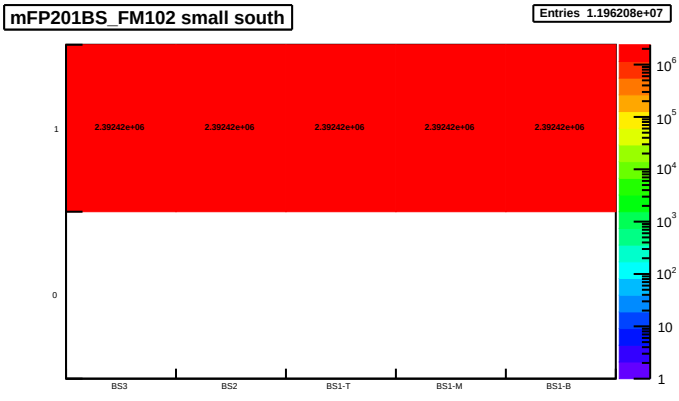

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

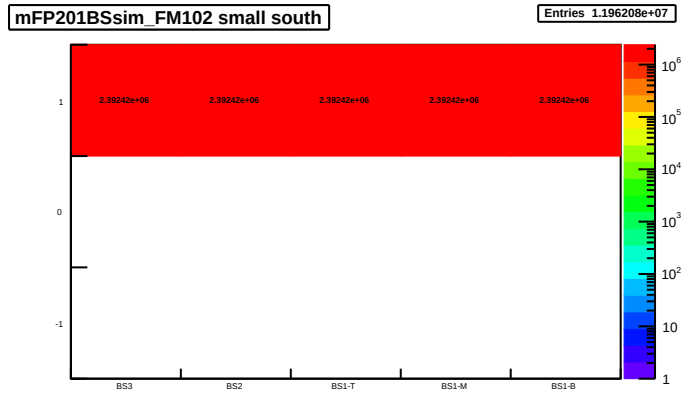
mFM104JP -- South -- Bottom -- FM012
Entries 4784834
JP-EF
Unused

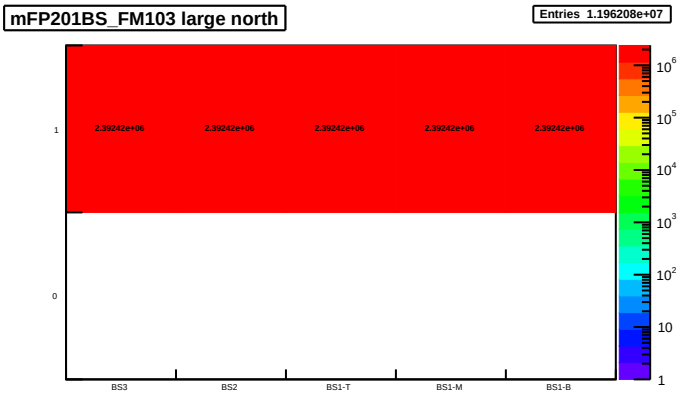
mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

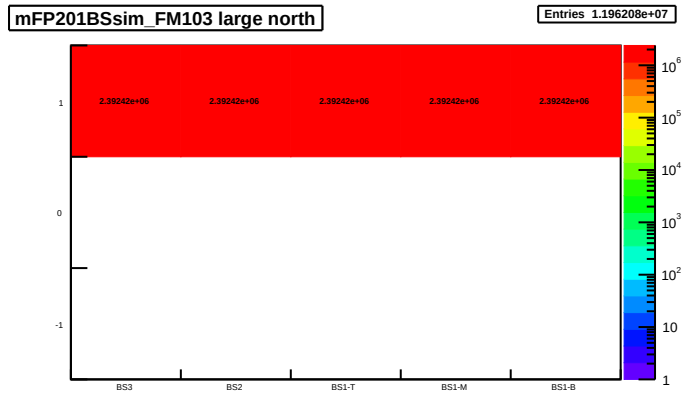

mFP201BS_FM101 small north
Entries 1.196208e+07
2.39242e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

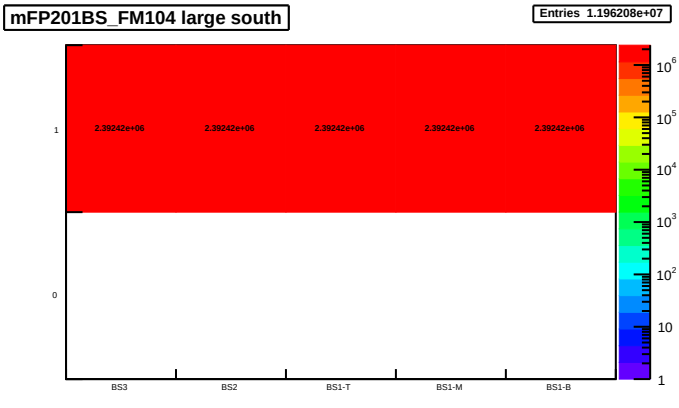

mFP201BSsim_FM101 small north
Entries 1.196208e+07
2.39242e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

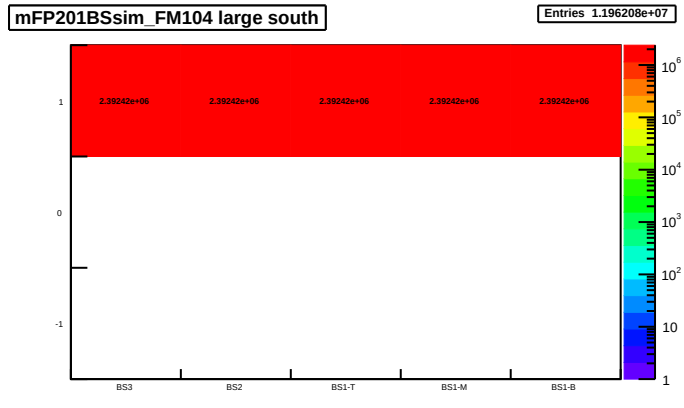

mFP201BS_FM102 small south
Entries 1.196208e+07
2.39242e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

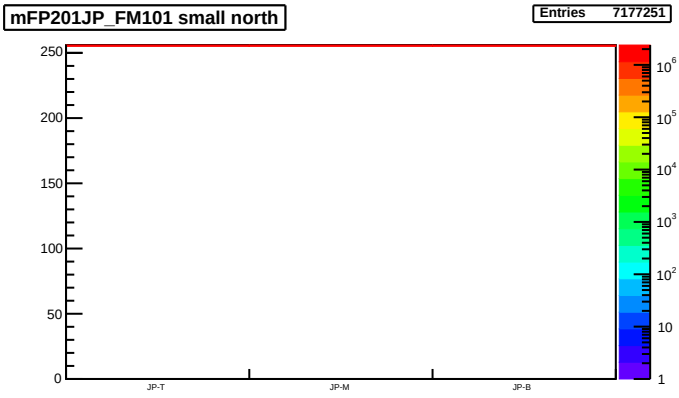

mFP201BSsim_FM102 small south
Entries 1.196208e+07
2.39242e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

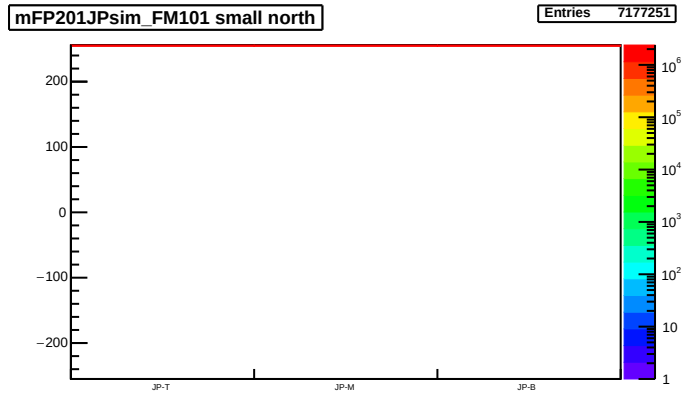

mFP201BS_FM103 large north
Entries 1.196208e+07
2.39242e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

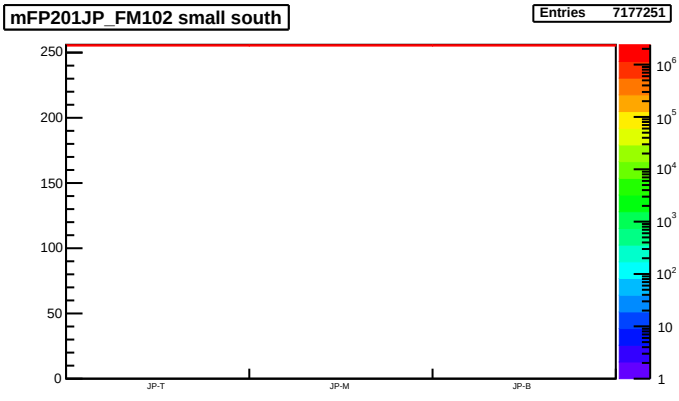

mFP201BSsim_FM103 large north
Entries 1.196208e+07
2.39242e+06
BS3
BS2
BS1-T
BS1-M
BS1-B


mFP201BS_FM104 large south
Entries 1.196208e+07
2.39242e+06
BS3
BS2
BS1-T
BS1-M
BS1-B


mFP201BSsim_FM104 large south
Entries 1.196208e+07
2.39242e+06
BS3
BS2
BS1-T
BS1-M
BS1-B


mFP201JP_FM101 small north
Entries 7177251
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^6
10^5
10^4
10^3
10^2
10
1


mFP201JPsim_FM101 small north
Entries 7177251
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^6
10^5
10^4
10^3
10^2
10
1


mFP201JP_FM102 small south
Entries 7177251
250
200
150
100
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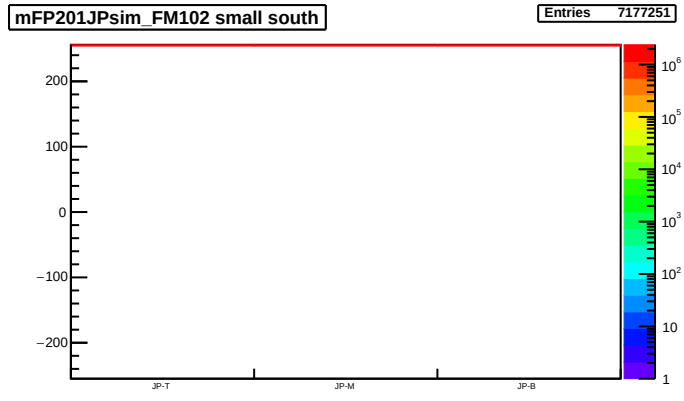
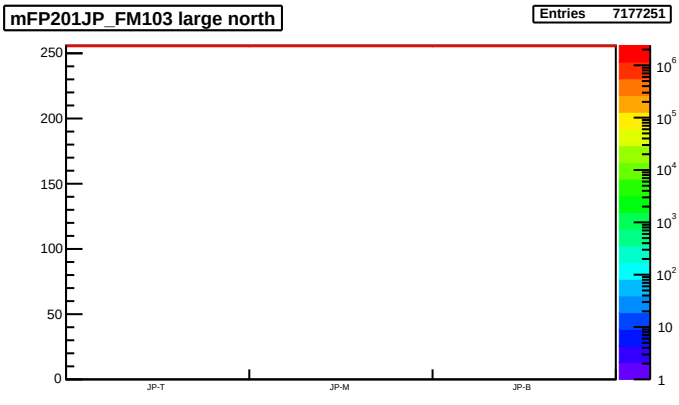
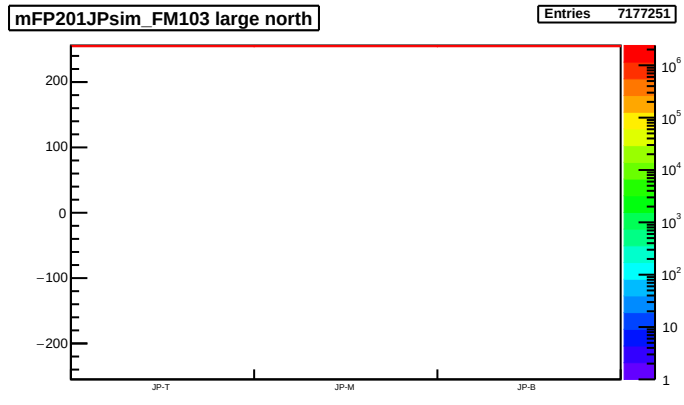
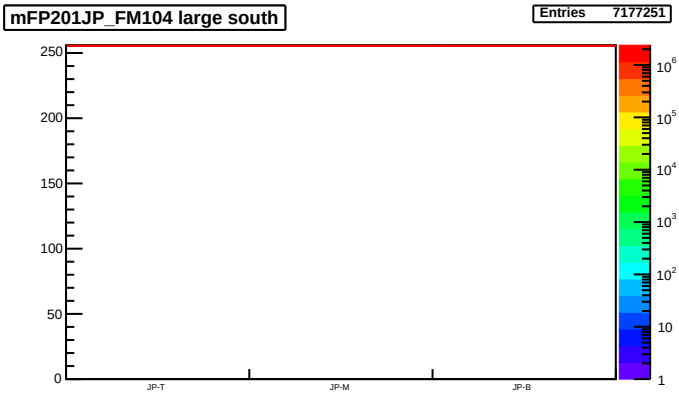
0
JP-T
JP-M
JP-B
10^6
10^5
10^4
10^3
10^2
10
1


mFP201JPsim_FM102 small south
Entries 7177251
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^6
10^5
10^4
10^3
10^2
10
1


mFP201JP_FM103 large north
Entries 7177251
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^6
10^5
10^4
10^3
10^2
10
1


mFP201JPsim_FM103 large north
Entries 7177251
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^6
10^5
10^4
10^3
10^2
10
1


mFP201JP_FM104 large south
Entries 7177251
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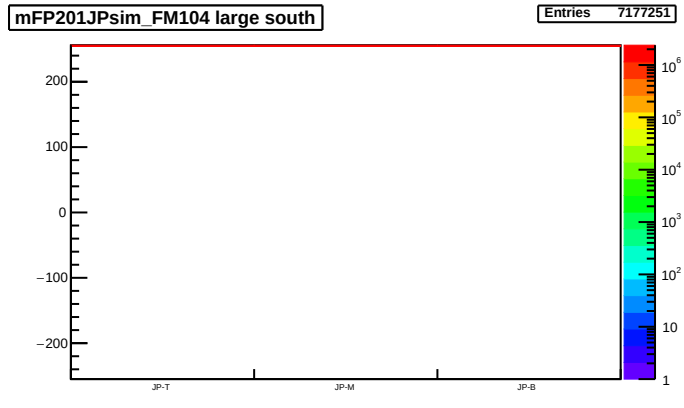
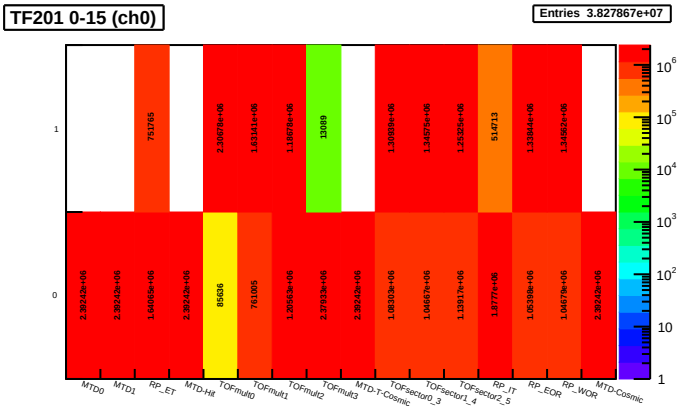
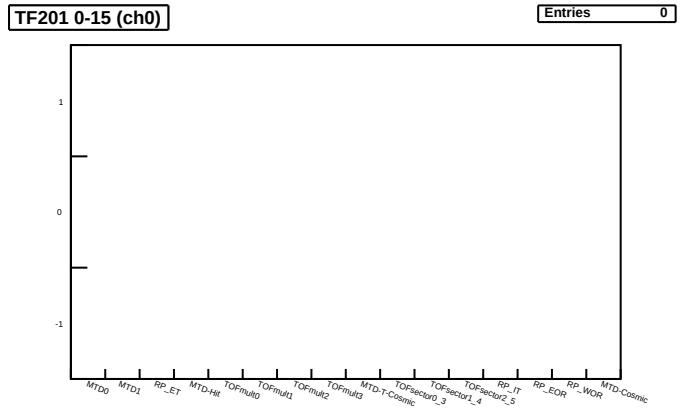
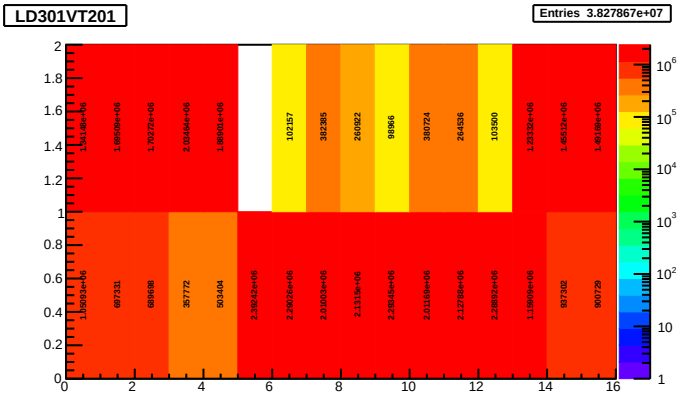
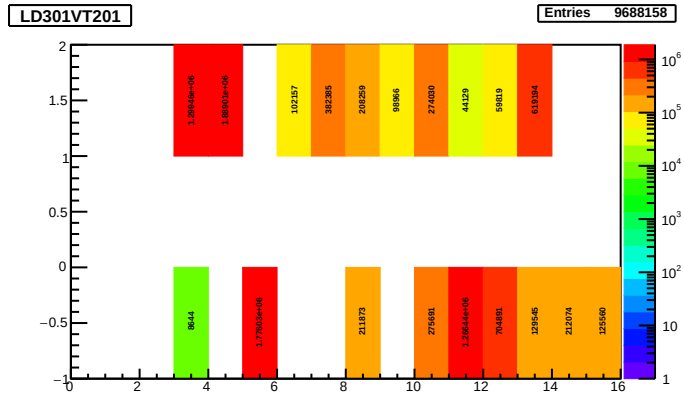
200
150
100
50
0
JP-T
JP-M
JP-B
10^6
10^5
10^4
10^3
10^2
10
1

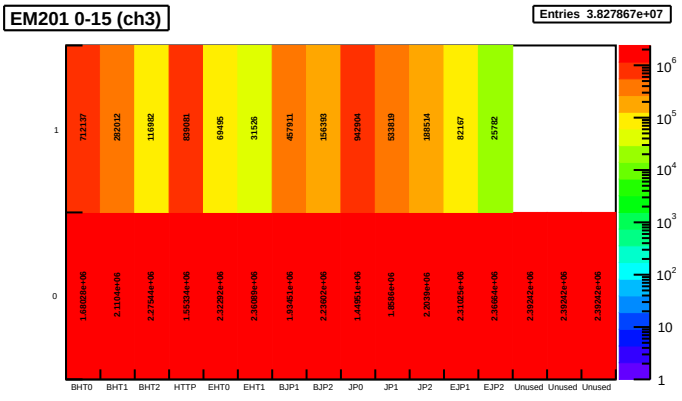

mFP201JPsim_FM104 large south
Entries 7177251
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^6
10^5
10^4
10^3
10^2
10
1

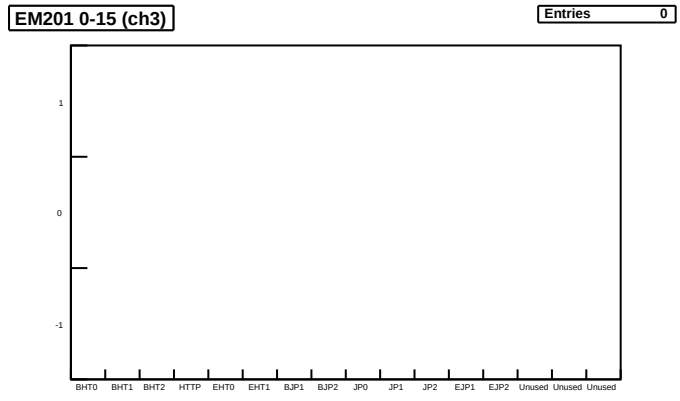

TF201 0-15 (ch0)
Entries 3.827867e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

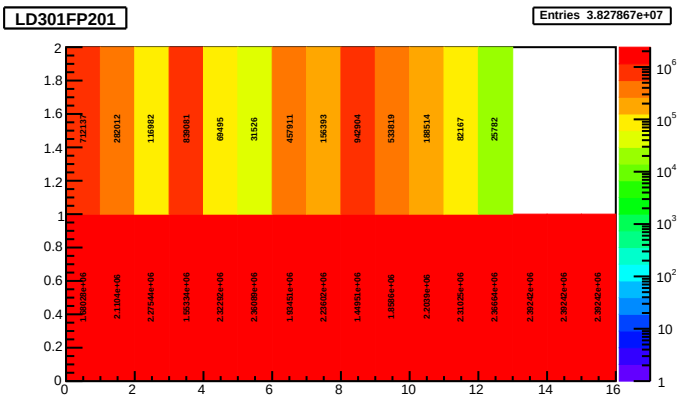

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

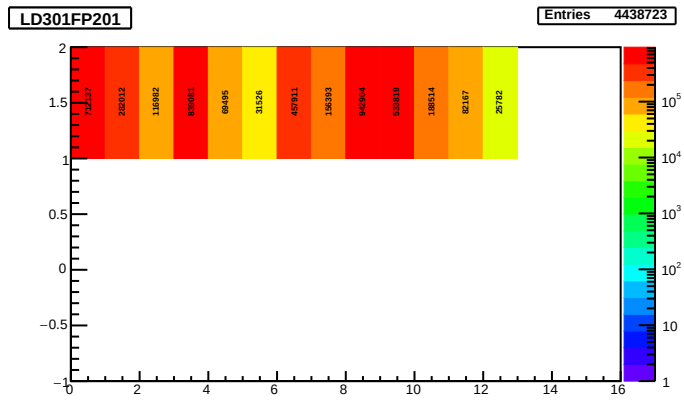

LD301VT201
Entries 3.827867e+07


LD301VT201
Entries 9688158


EM201 0-15 (ch3)
Entries 3.827867e+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 3.827867e+07


LD301FP201
Entries 4438723