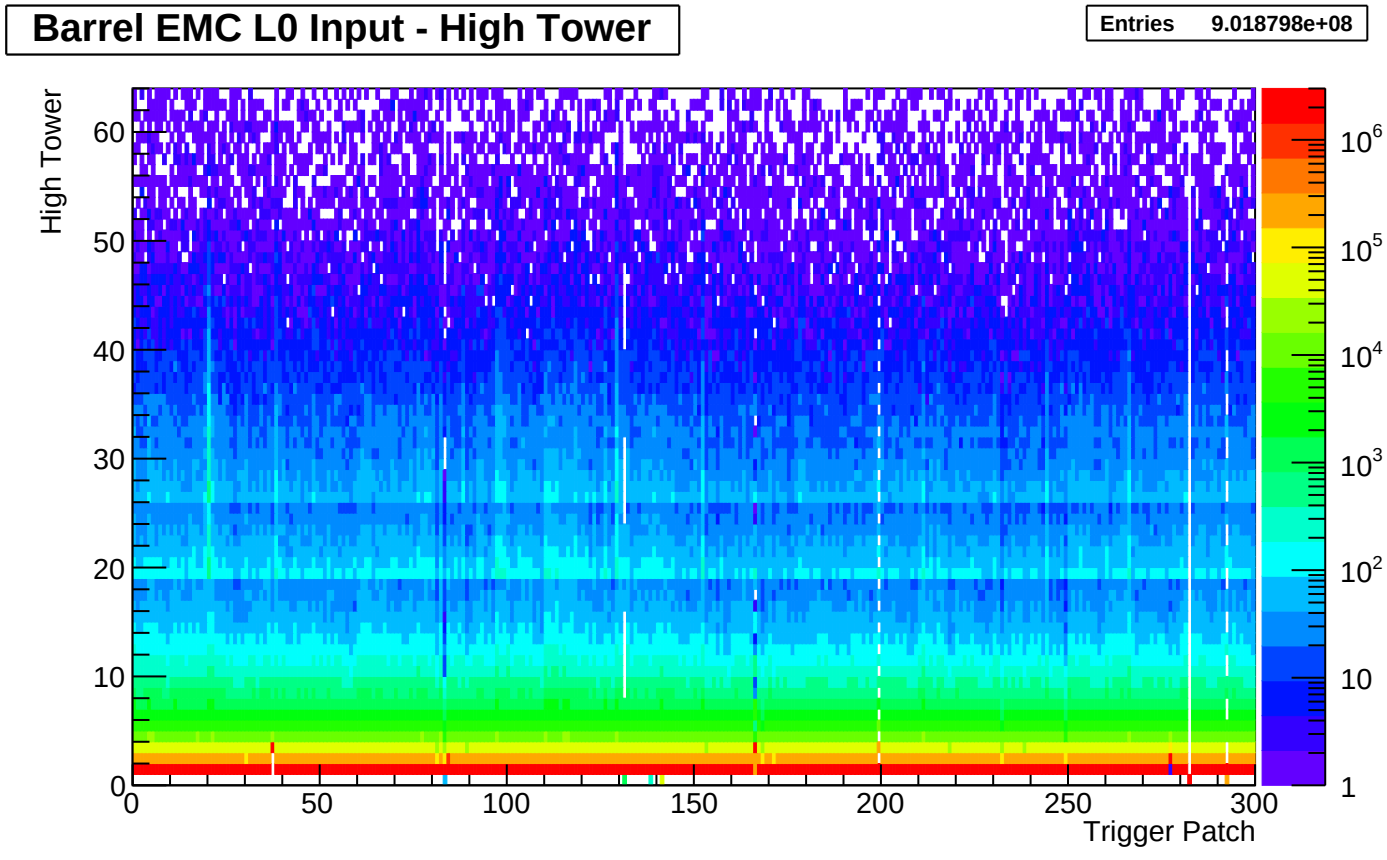
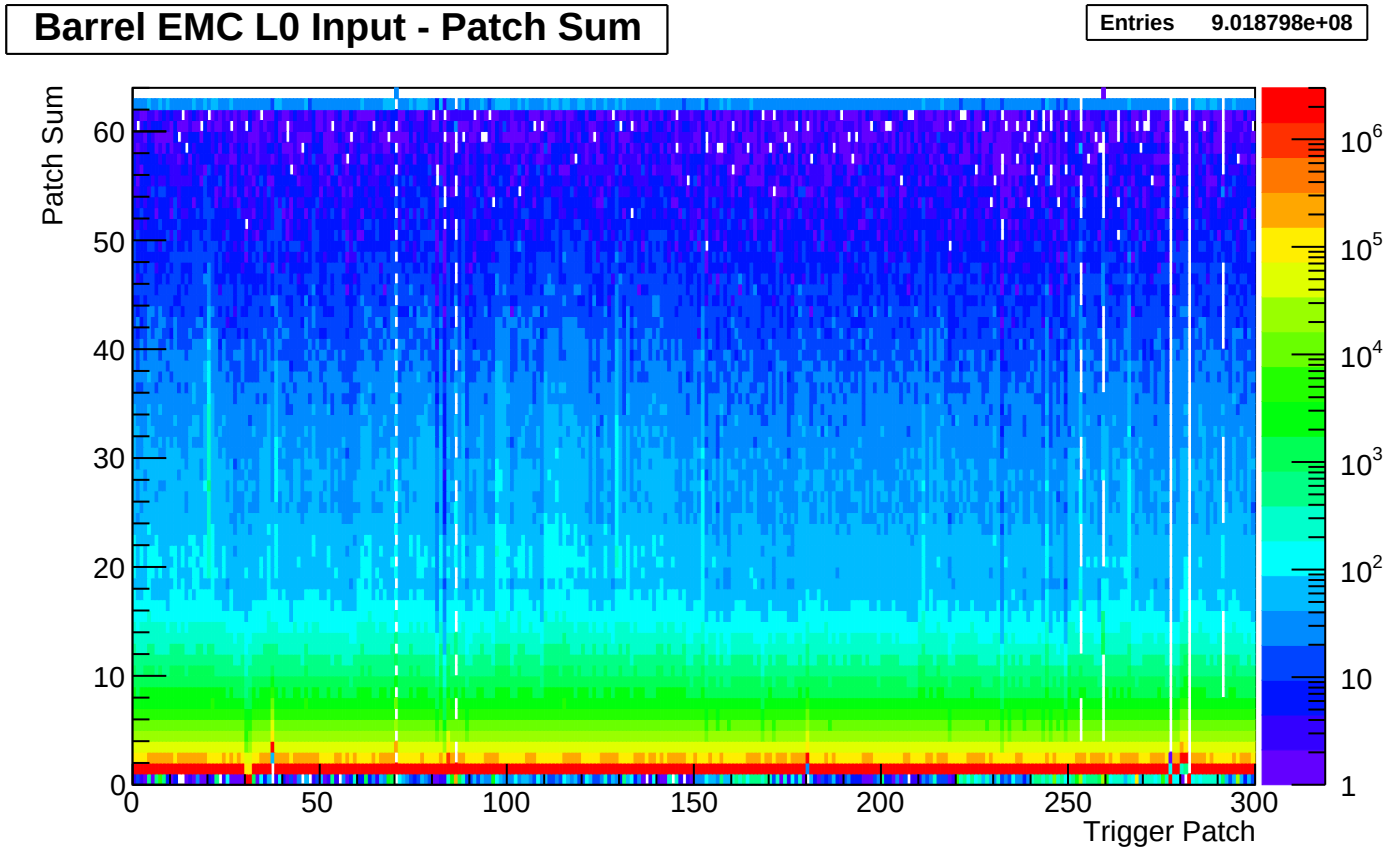
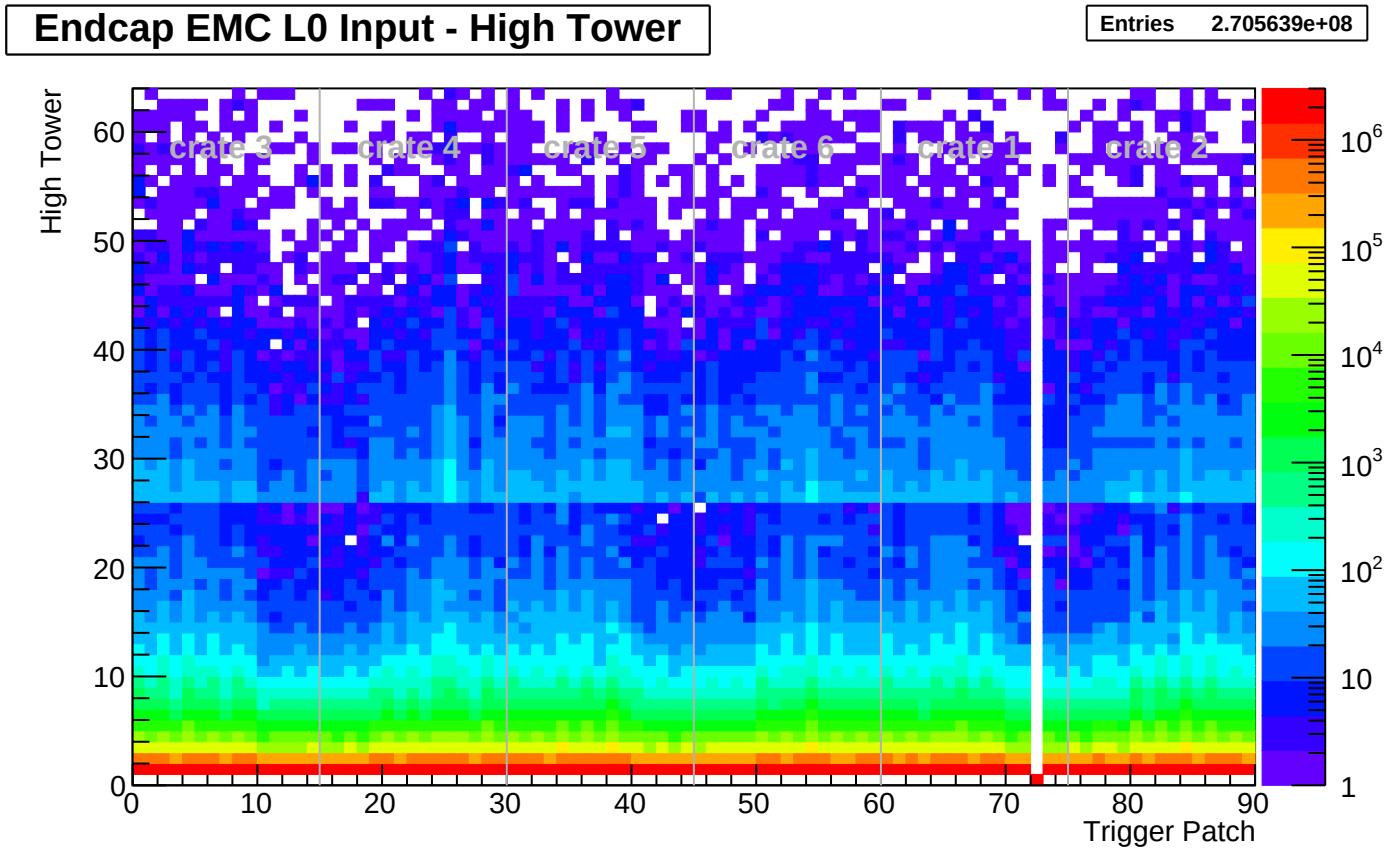
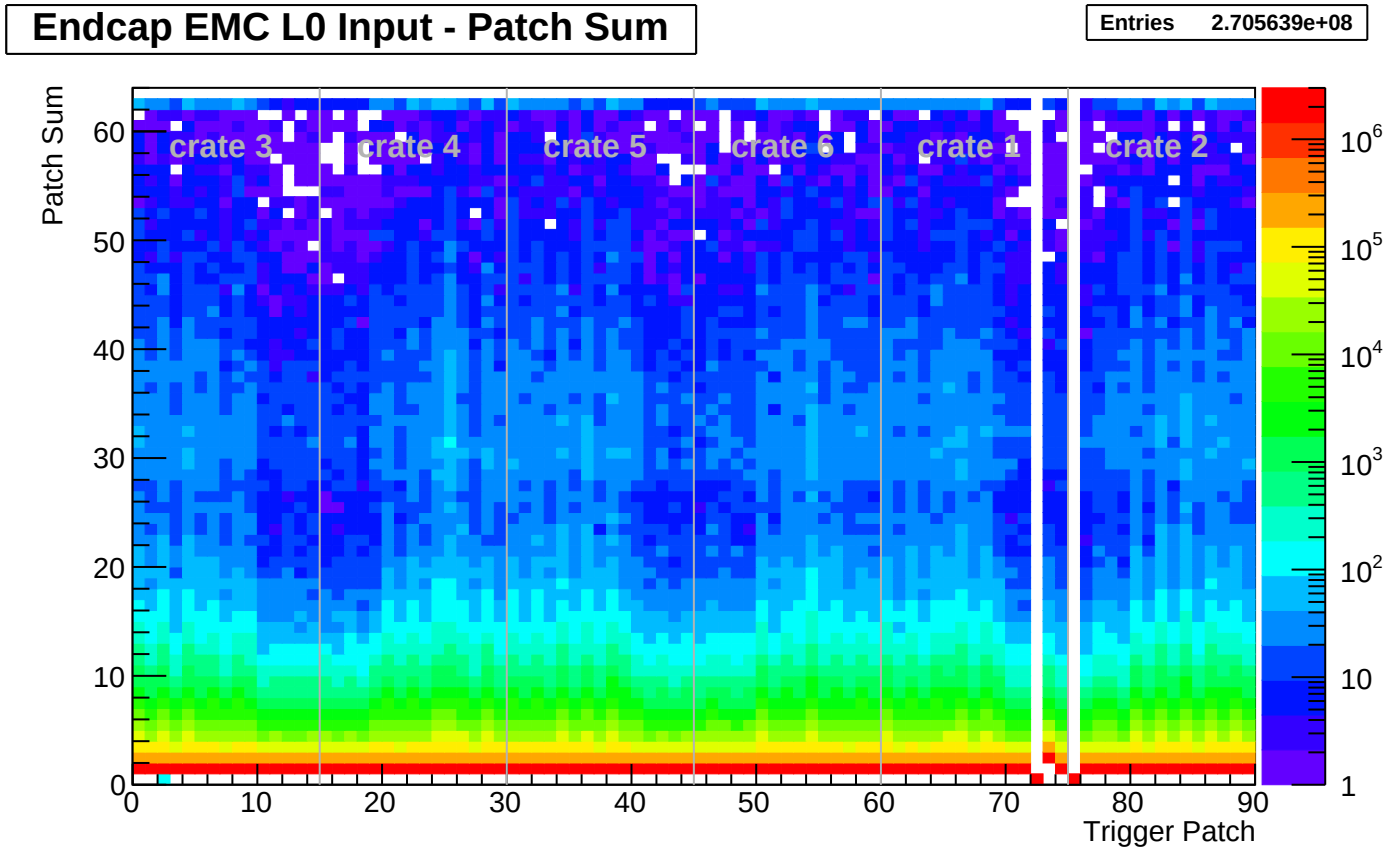
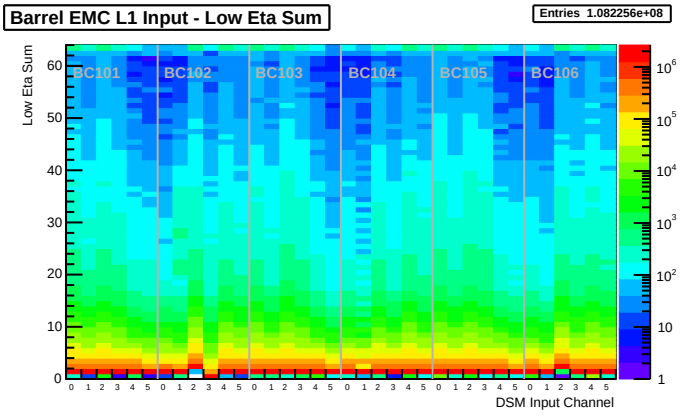
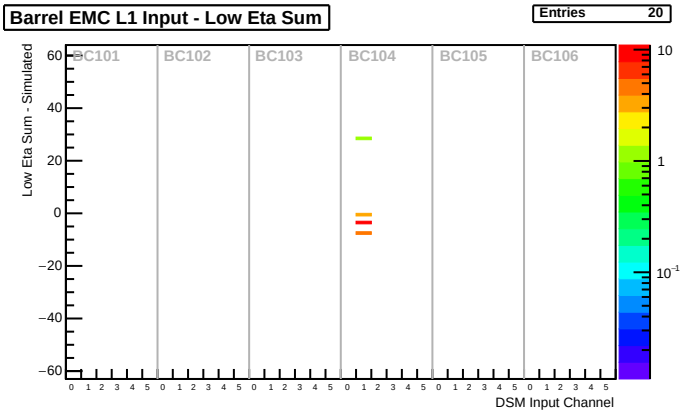

Barrel EMC L0 Input - High Tower
Entries 9.018798e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

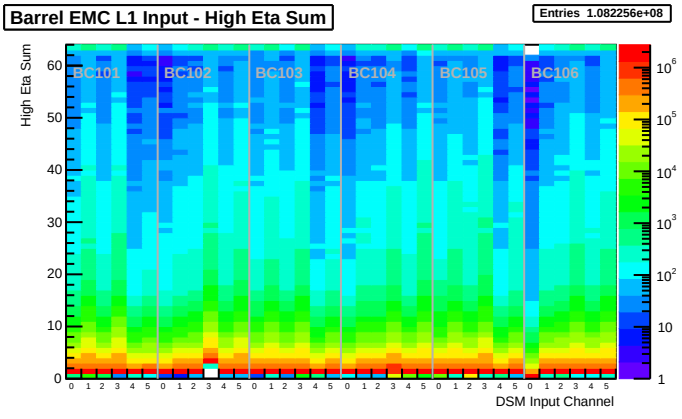

Barrel EMC L0 Input - Patch Sum
Entries 9.018798e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

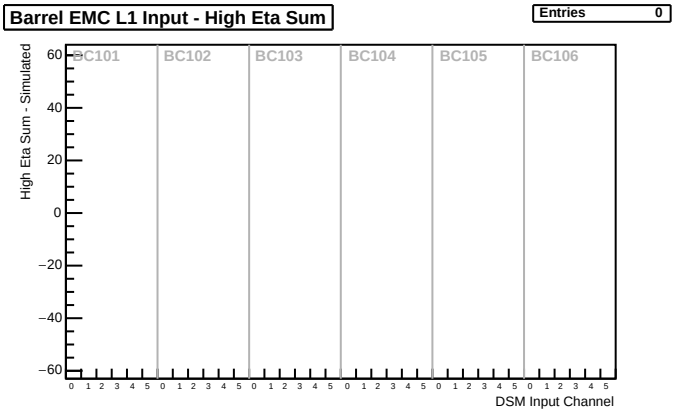

Endcap EMC L0 Input - High Tower
Entries 2.705639e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

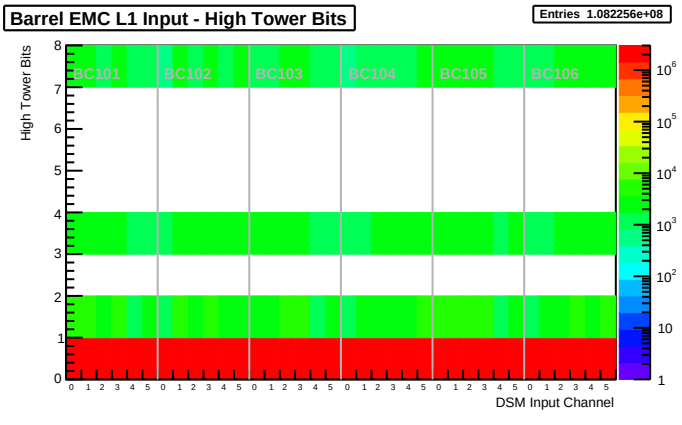

Endcap EMC L0 Input - Patch Sum
Entries 2.705639e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

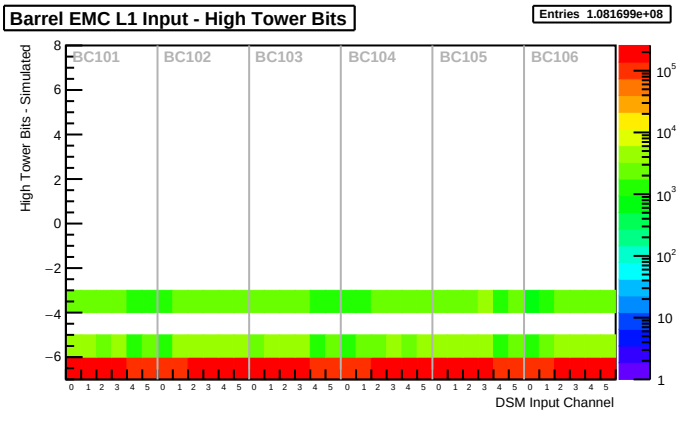

Barrel EMC L1 Input - Low Eta Sum
Entries 1.082256e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

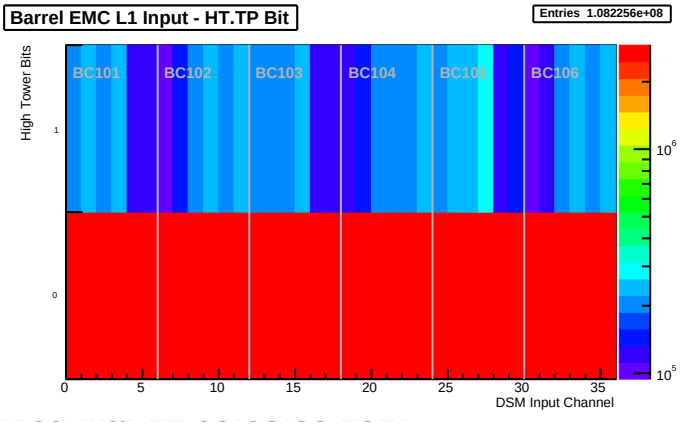

Barrel EMC L1 Input - Low Eta Sum
Entries 20
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

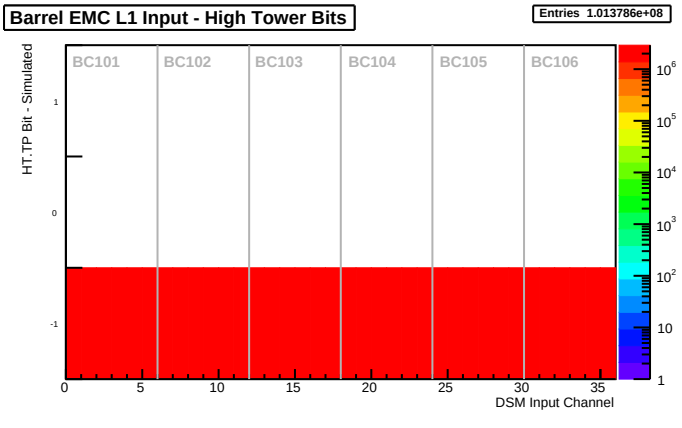

Barrel EMC L1 Input - High Eta Sum
Entries 1.082256e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

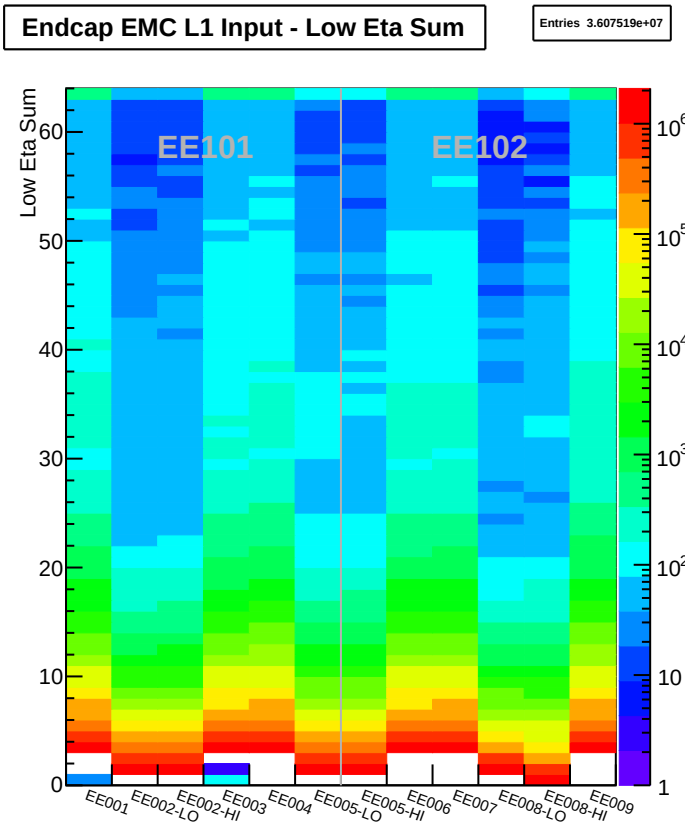

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

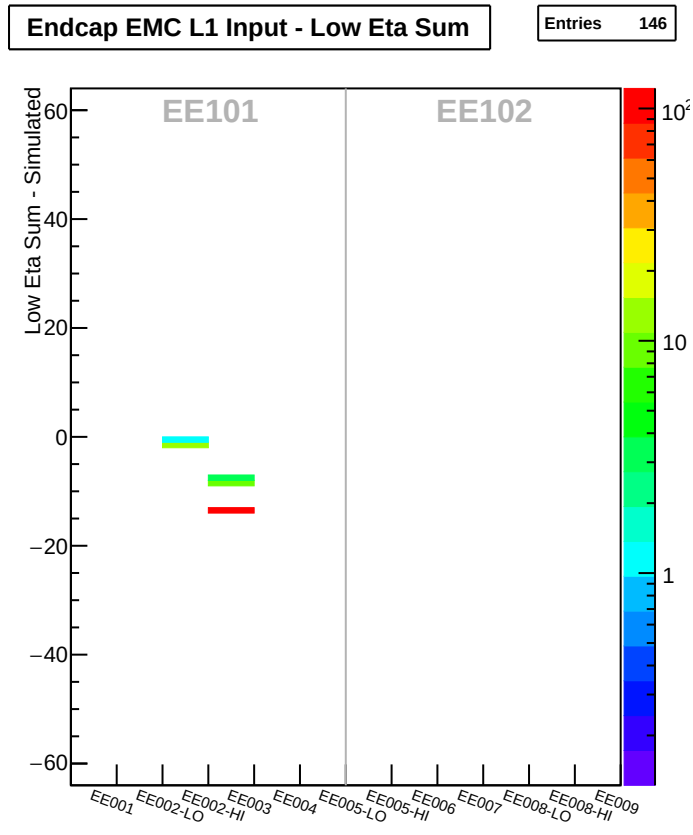

Barrel EMC L1 Input - High Tower Bits
Entries 1.082256e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

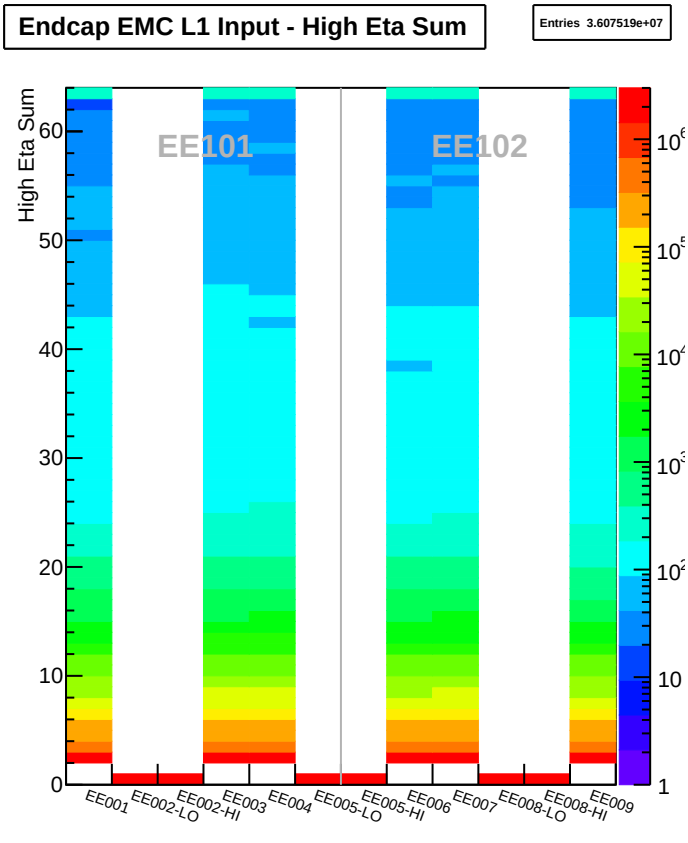

Barrel EMC L1 Input - High Tower Bits
Entries 1.081699e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

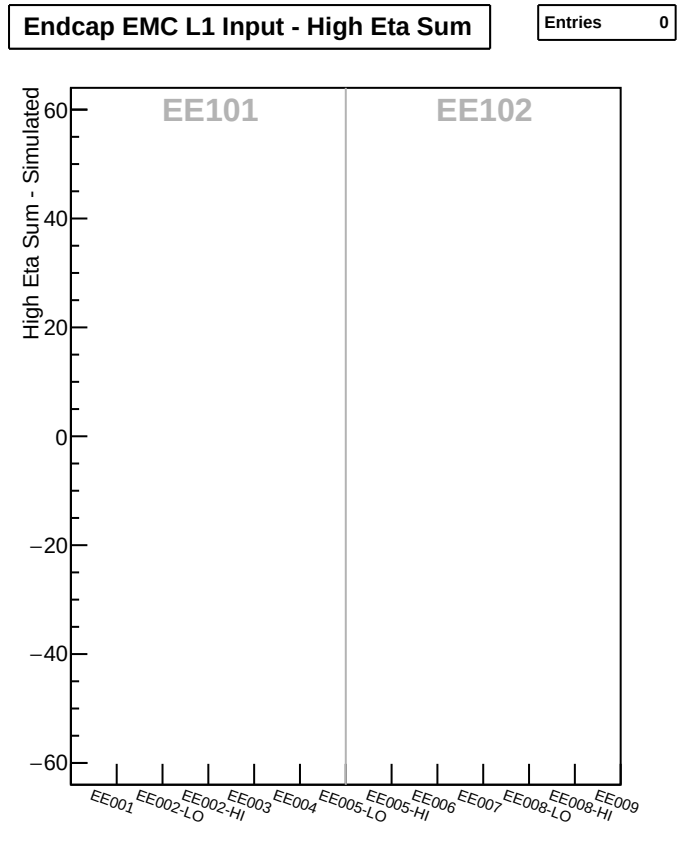

Barrel EMC L1 Input - HT.TP Bit
Entries 1.082256e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel


Barrel EMC L1 Input - High Tower Bits
Entries 1.013786e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

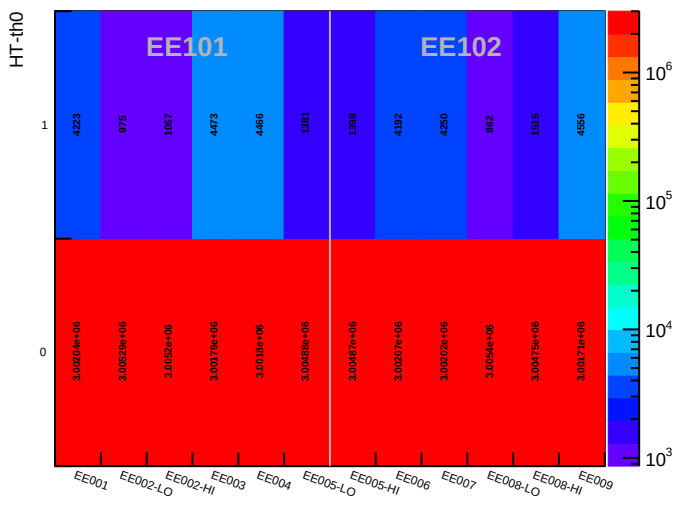

Endcap EMC L1 Input - Low Eta Sum
Entries 3.607519e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009


Endcap EMC L1 Input - Low Eta Sum
Entries 146
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

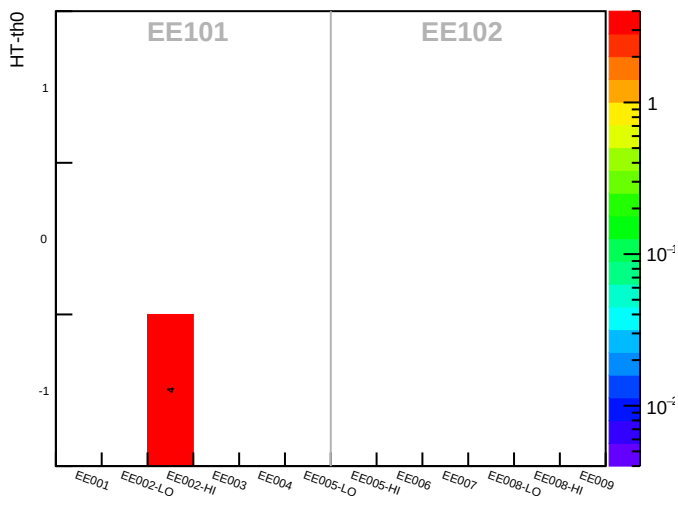

Endcap EMC L1 Input - High Eta Sum
Entries 3.607519e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009


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

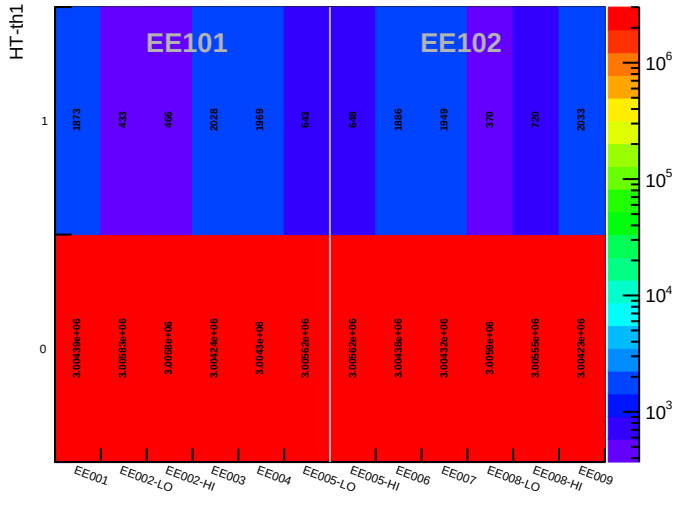
Endcap EMC L1 Input - HT-th0



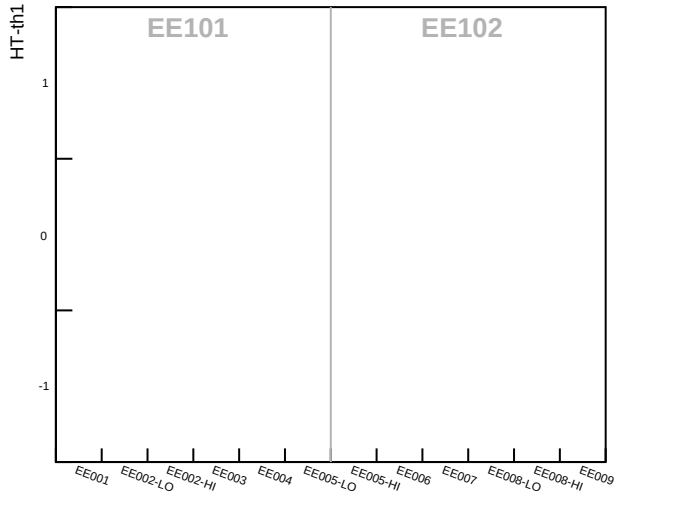
Endcap EMC L1 Input - HT-th0 Diff



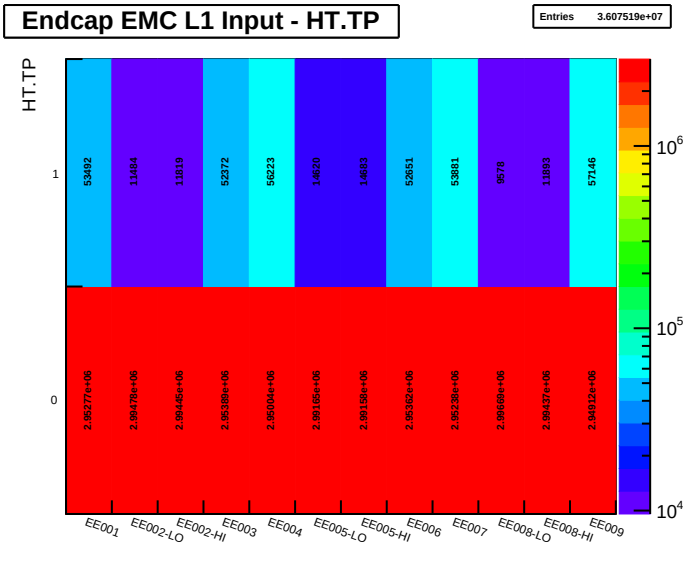
Endcap EMC L1 Input - HT-th1



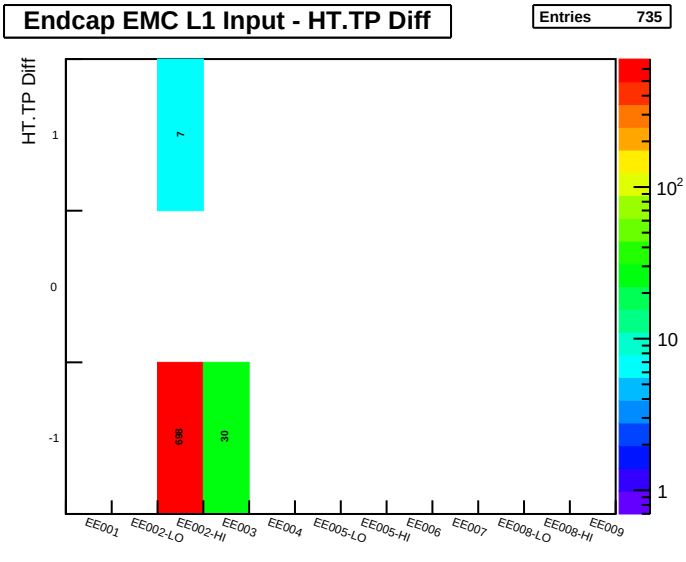
Endcap EMC L1 Input - HT-th1 Diff

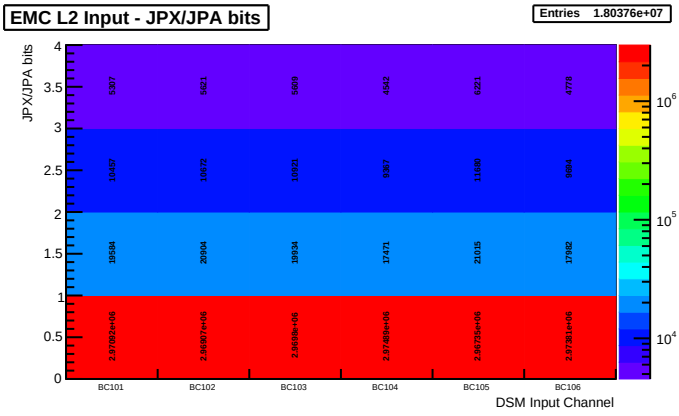


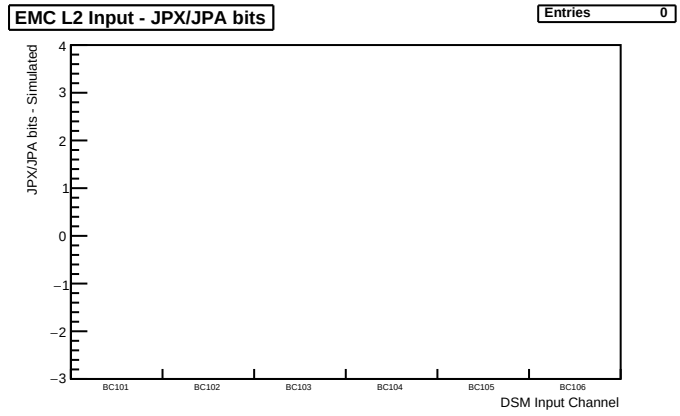
Endcap EMC L1 Input - HT.TP

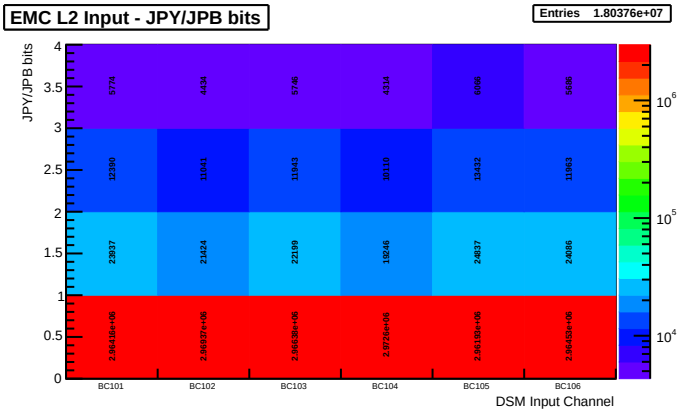


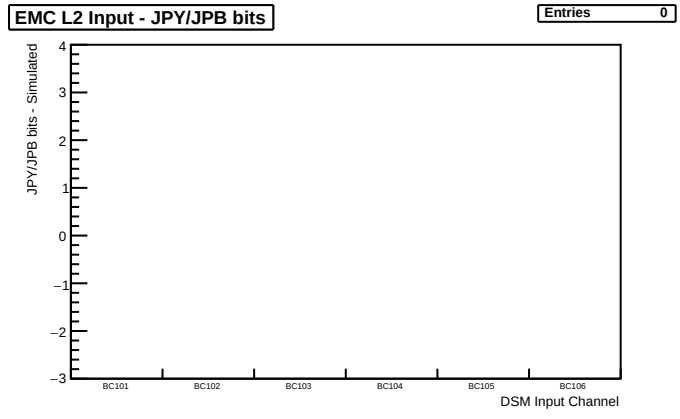
Endcap EMC L1 Input - HT.TP Diff

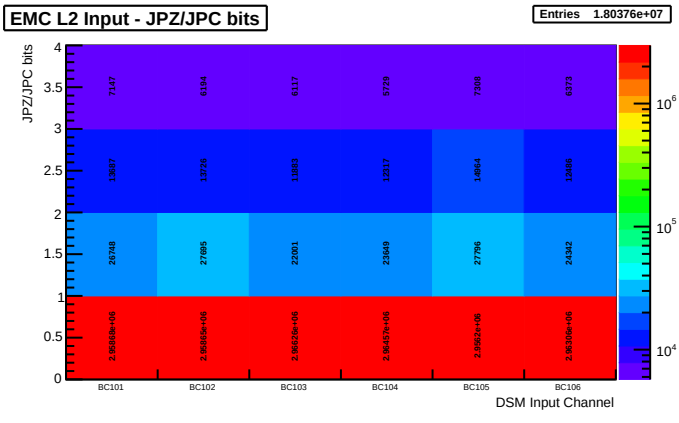


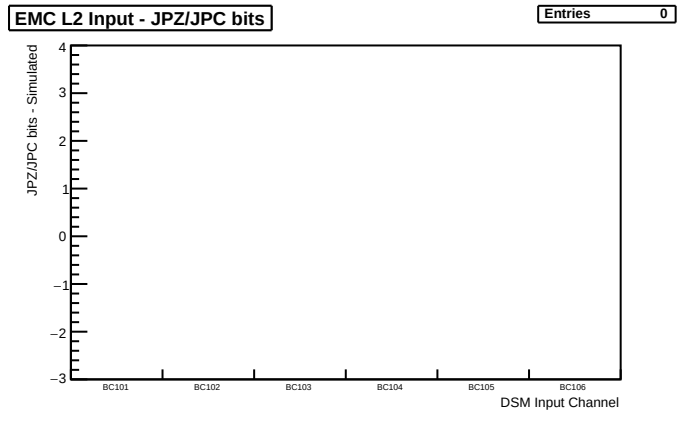

EMC L2 Input - JPX/JPA bits
Entries 1.80376e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
5307
5621
5609
4542
6221
4778
10457
10672
10921
9367
11680
9984
19584
20904
19934
17471
21015
17982
2.97092e+06
2.96907e+06
2.96998e+06
2.97489e+06
2.96725e+06
2.97381e+06

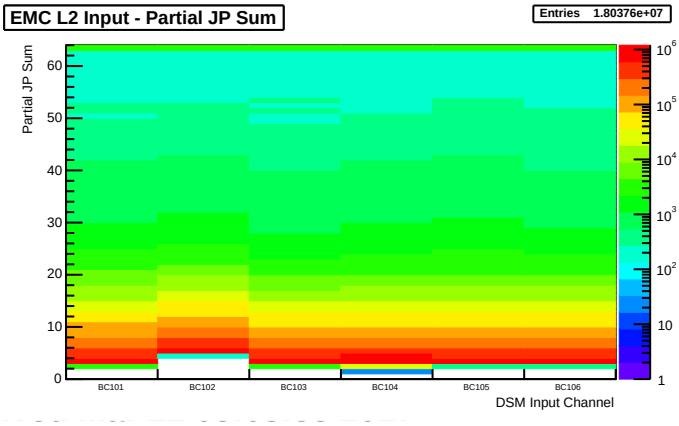

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

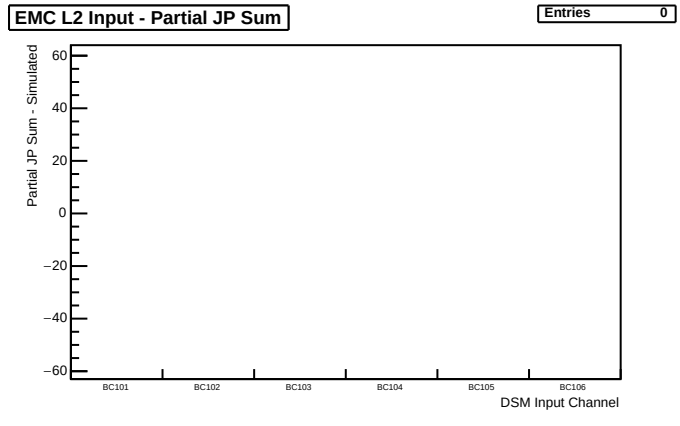

EMC L2 Input - JPY/JPB bits
Entries 1.80376e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
5774
4434
5746
4314
6066
5686
12390
11041
11943
10110
13432
11963
23937
21424
22199
19246
24837
24086
2.96416e+06
2.96537e+06
2.96538e+06
2.97026e+06
2.96193e+06
2.96453e+06

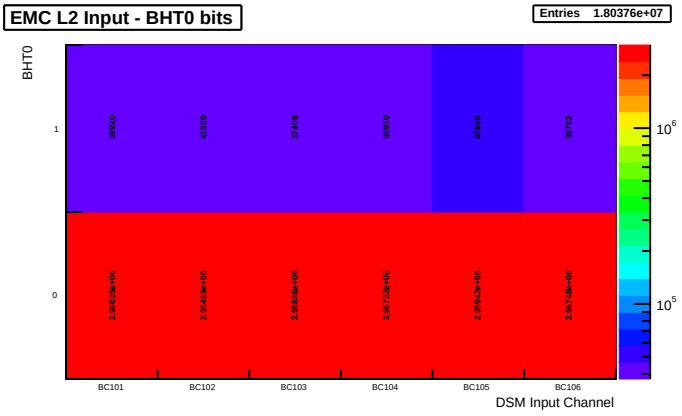

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

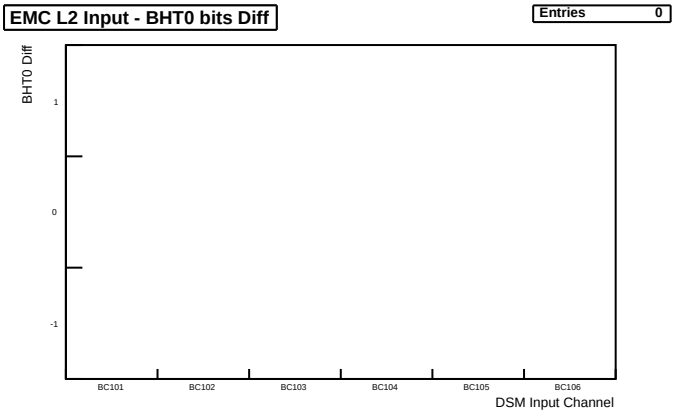

EMC L2 Input - JPZ/JPC bits
Entries 1.80376e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
7147
6194
6117
5729
7308
6373
13397
13726
11883
12217
14864
12686
26748
27695
22001
23649
27796
24342
2.95838e+06
2.95855e+06
2.96626e+06
2.96457e+06
2.9622e+06
2.96306e+06

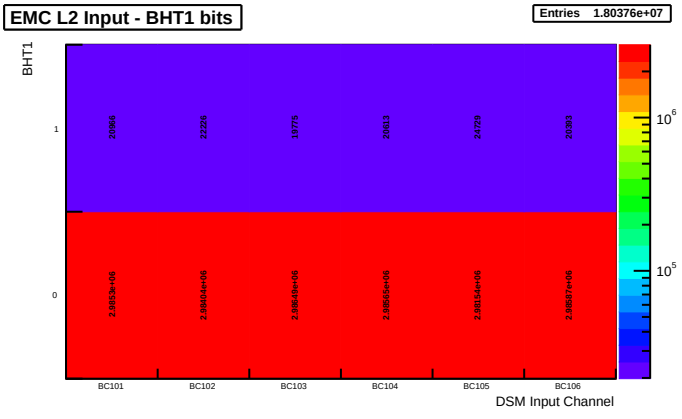

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

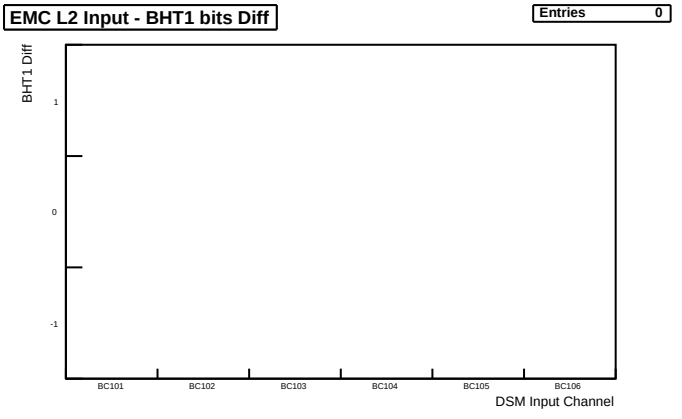

EMC L2 Input - Partial JP Sum
Entries 1.80376e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

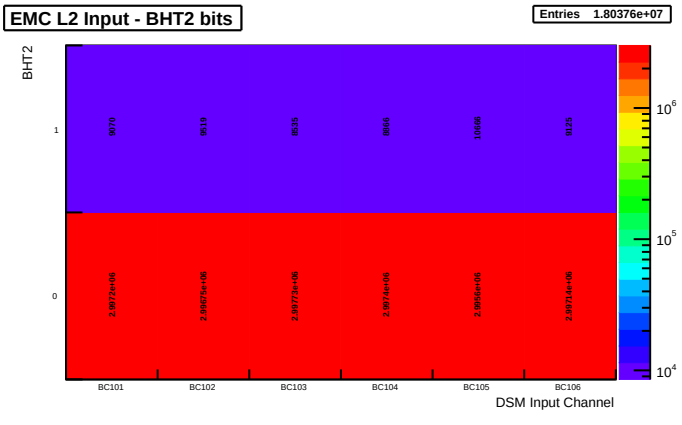

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

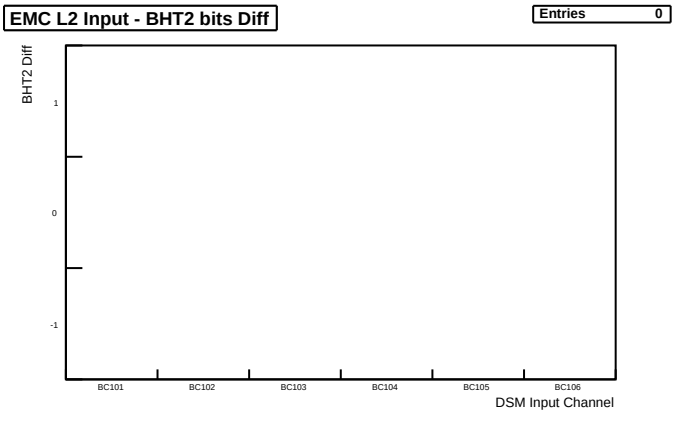

EMC L2 Input - BHT0 bits
Entries 1.80376e+07
BHT0
1
0
39920
41580
37409
39350
46846
39732
2.96439e+06
2.96469e+06
2.96389e+06
2.96732e+06
2.95942e+06
2.96749e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

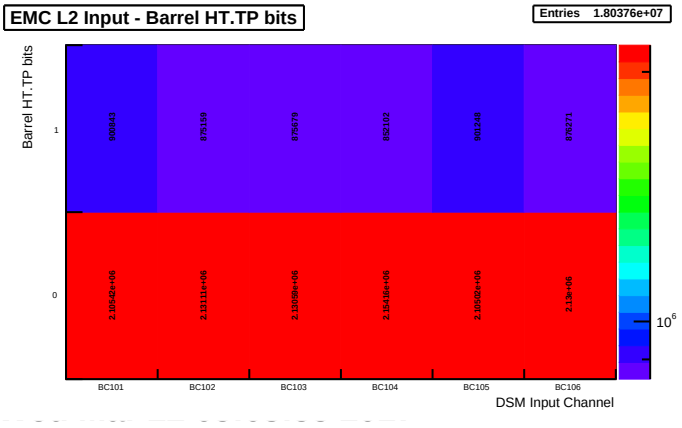

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

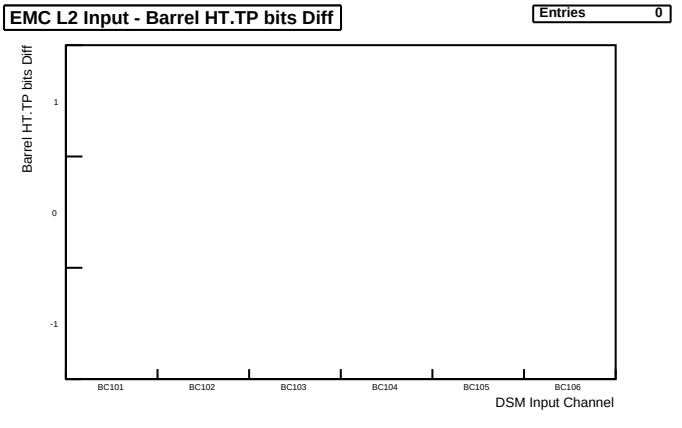

EMC L2 Input - BHT1 bits
Entries 1.80376e+07
BHT1
1
0
20866
22226
19775
20613
24729
20393
2.98536e+06
2.98404e+06
2.98649e+06
2.98565e+06
2.98154e+06
2.98937e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

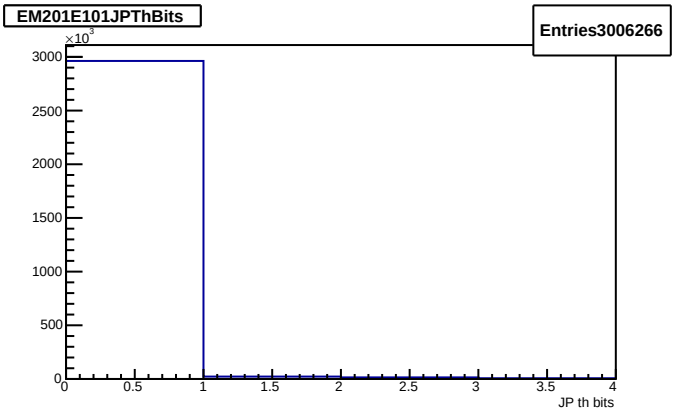

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

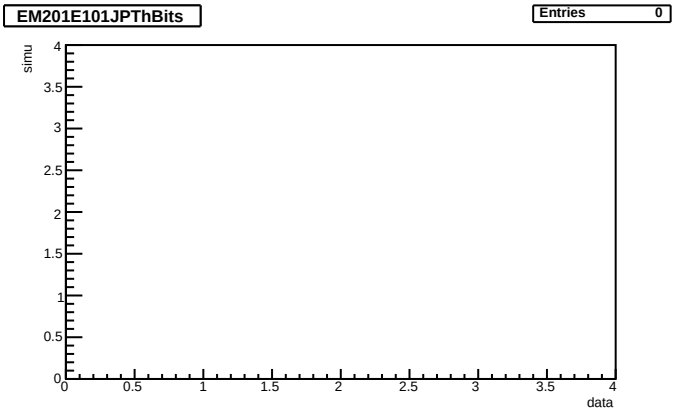

EMC L2 Input - BHT2 bits
Entries 1.80376e+07
BHT2
1
0
9070
9519
8535
8866
10566
9125
2.9972e+06
2.99675e+06
2.99773e+06
2.9974e+06
2.9996e+06
2.99714e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5
10^4

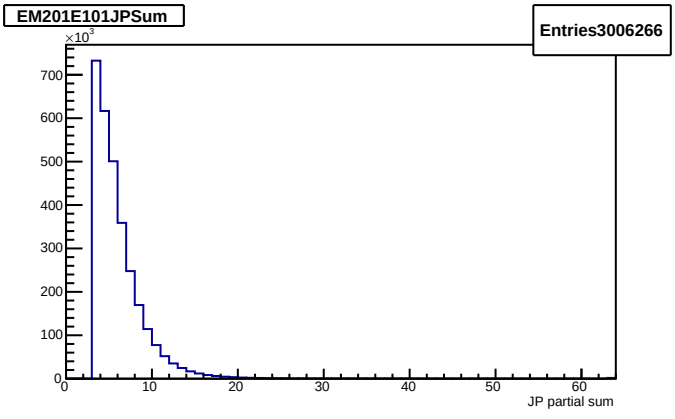

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

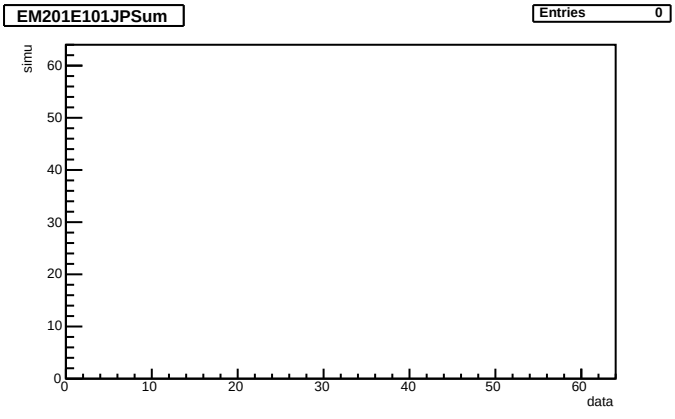

EMC L2 Input - Barrel HT.TP bits
Entries 1.80376e+07
Barrel HT.TP bits
1
0
900843
875159
875679
852102
901248
876271
2.10542e+06
2.13111e+06
2.13059e+06
2.15418e+06
2.10502e+06
2.13e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6

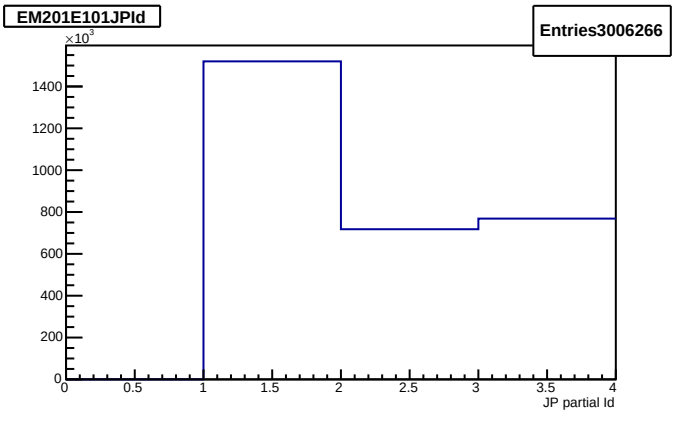

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

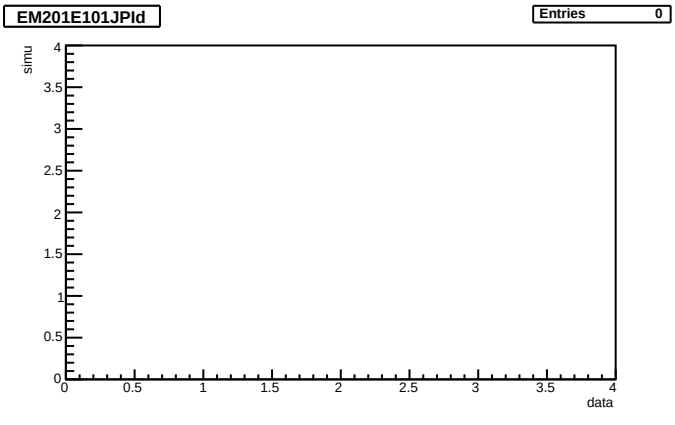

EM201E101JPThBits
Entries3006266
×10^3
JP th bits

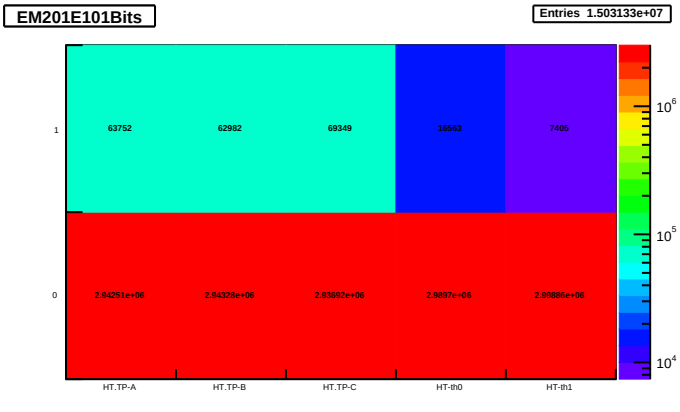

EM201E101JPThBits
Entries 0
simu
data

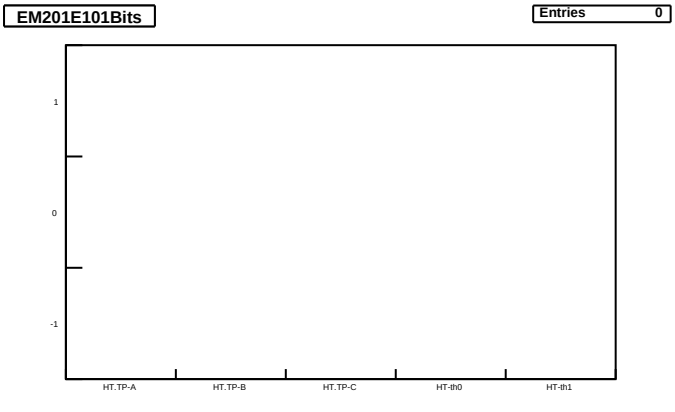

EM201E101JPSum
Entries3006266
×10^3
JP partial sum

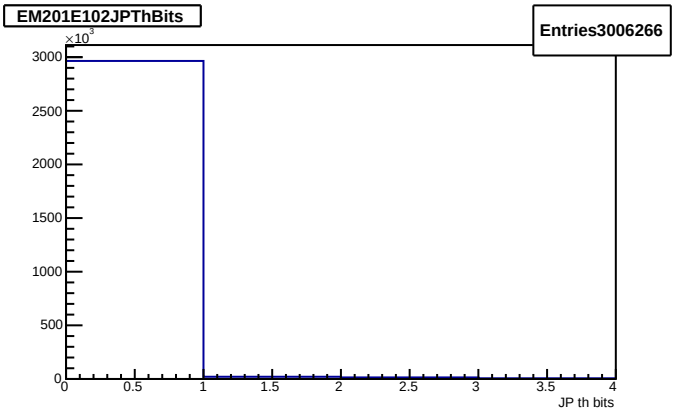

EM201E101JPSum
Entries 0
simu
data

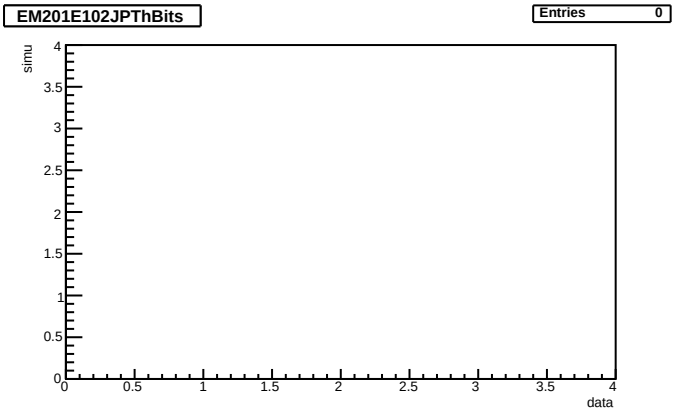

EM201E101JPId
Entries3006266
×10^3
JP partial Id

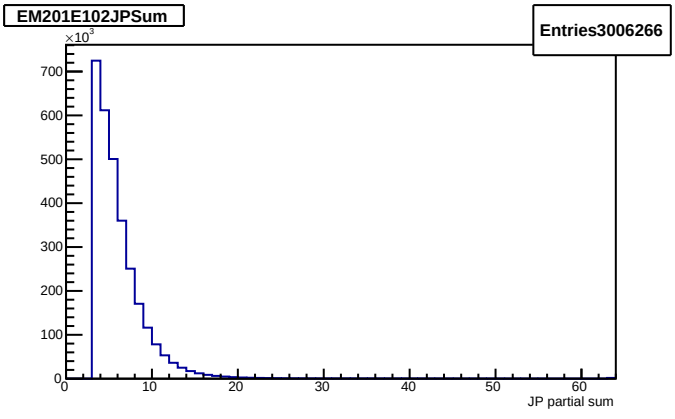

EM201E101JPId
Entries 0
simu
data

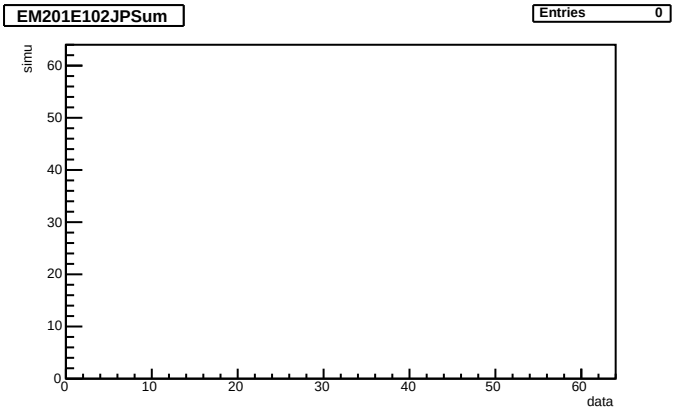

EM201E101Bits
Entries 1.503133e+07
63752
62982
69349
10563
7405
2.94251e+06
2.94328e+06
2.93692e+06
2.9897e+06
2.99886e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

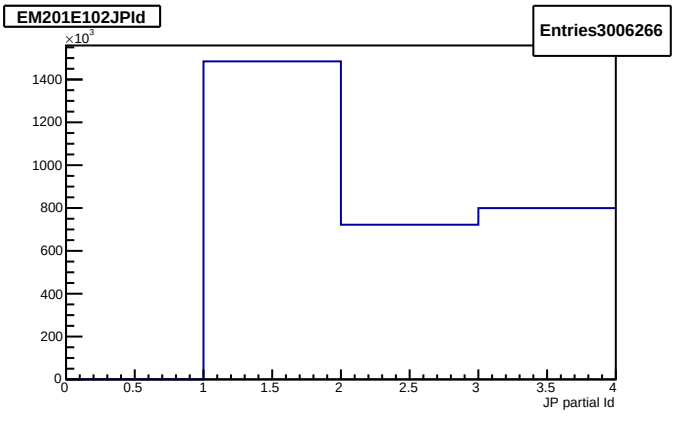

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

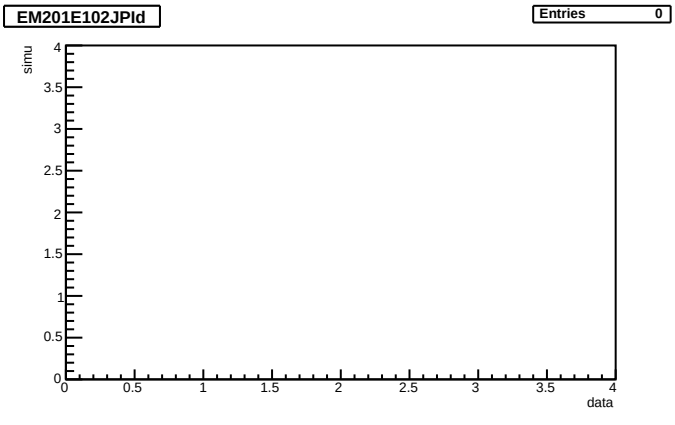

EM201E102JPThBits
Entries3006266
×10^3
JP th bits

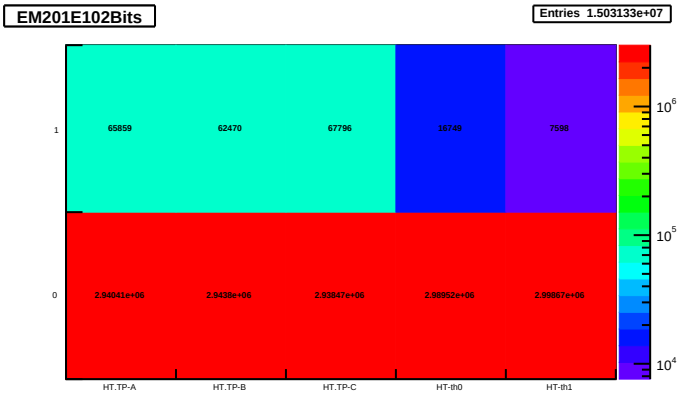

EM201E102JPThBits
Entries 0
simu
data

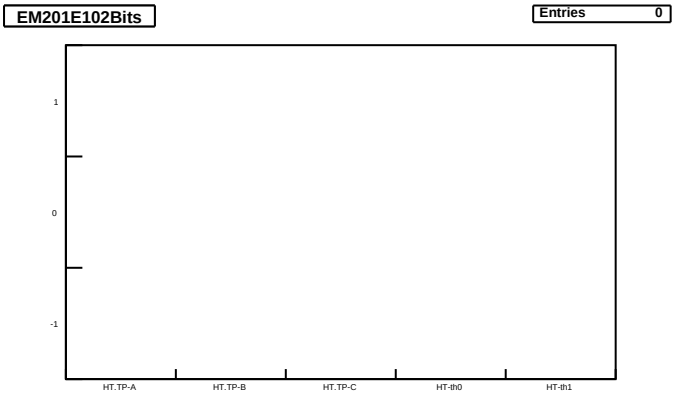

EM201E102JPSum
Entries3006266
×10^3
JP partial sum

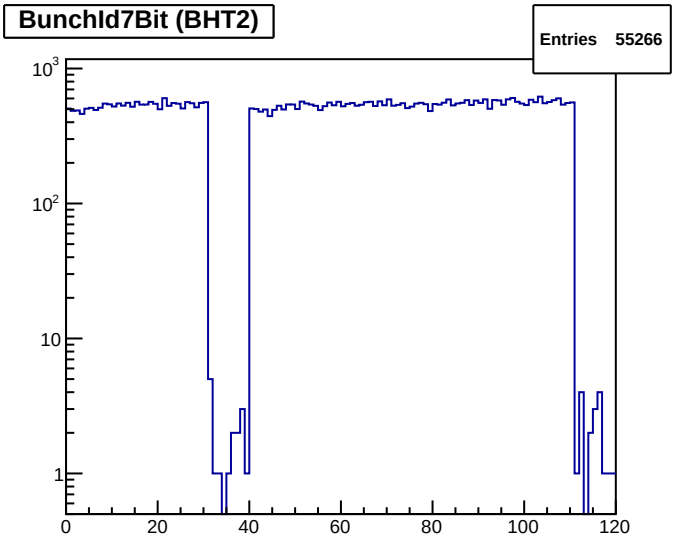

EM201E102JPSum
Entries 0
simu
data

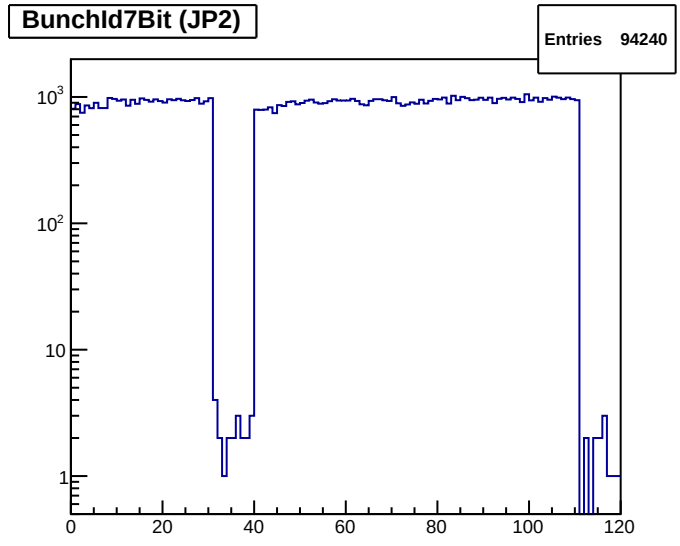

EM201E102JPId
Entries3006266
×10^3
JP partial Id

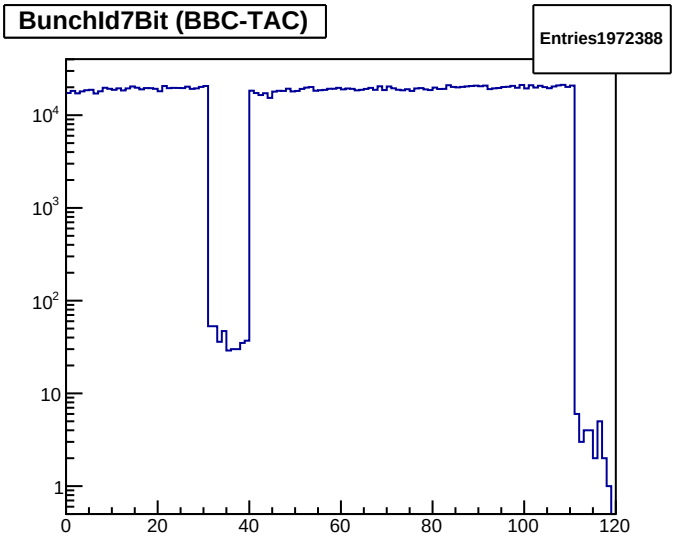

EM201E102JPId
Entries 0
simu
data

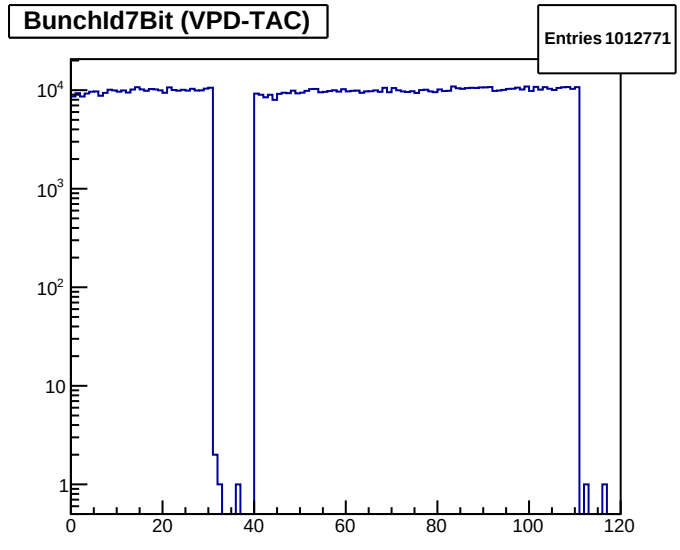

EM201E102Bits
Entries 1.503133e+07
65859
62470
67796
16749
7598
2.94041e+06
2.9438e+06
2.93847e+06
2.98952e+06
2.99867e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

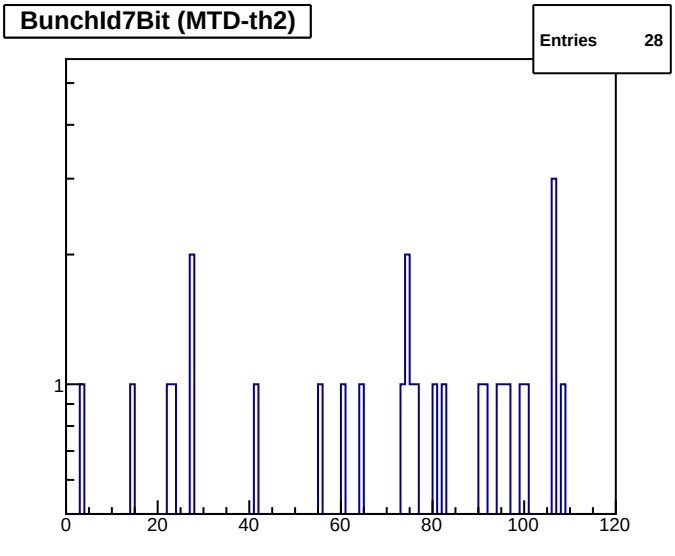

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

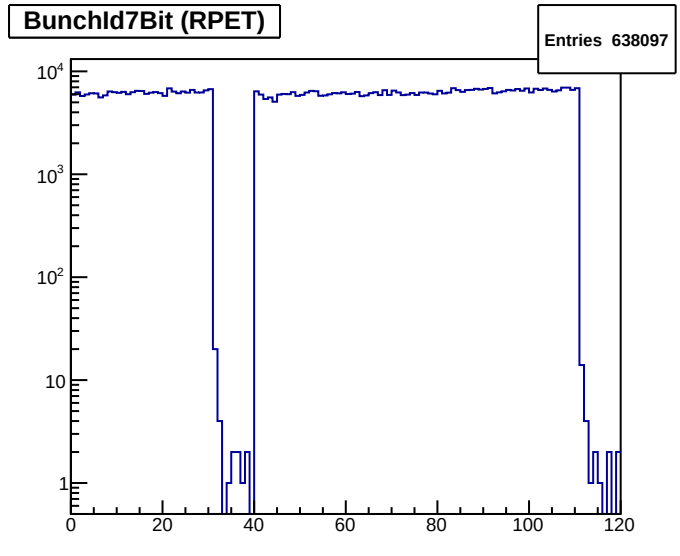

BunchId7Bit (BHT2)
Entries 55266

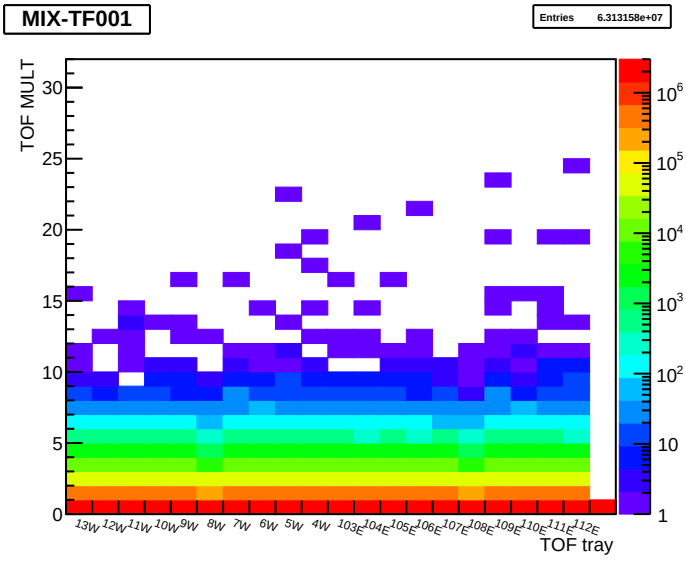

BunchId7Bit (JP2)
Entries 94240

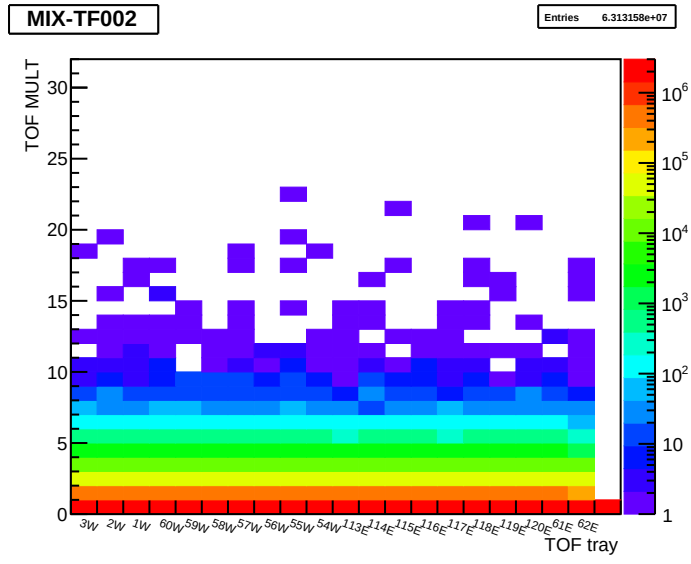

BunchId7Bit (BBC-TAC)
Entries1972388

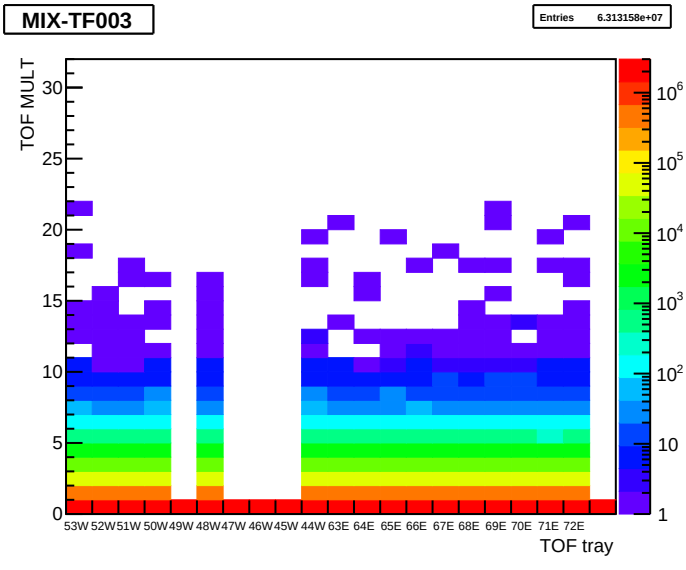

BunchId7Bit (VPD-TAC)
Entries 1012771

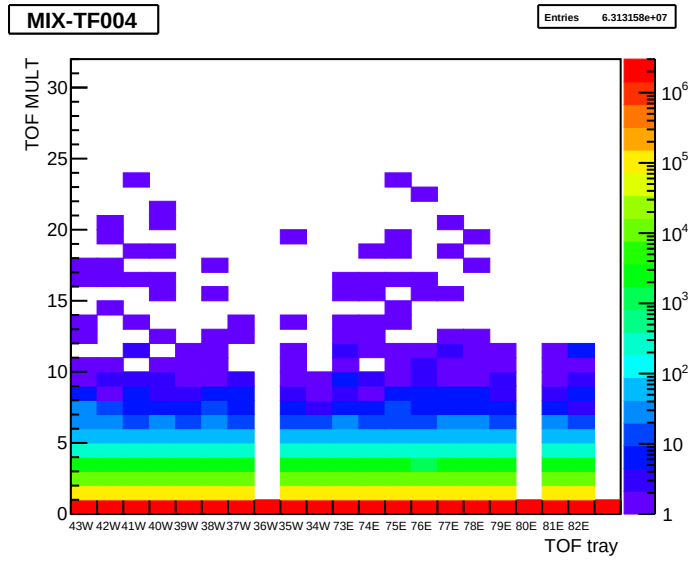

BunchId7Bit (MTD-th2)
Entries 28

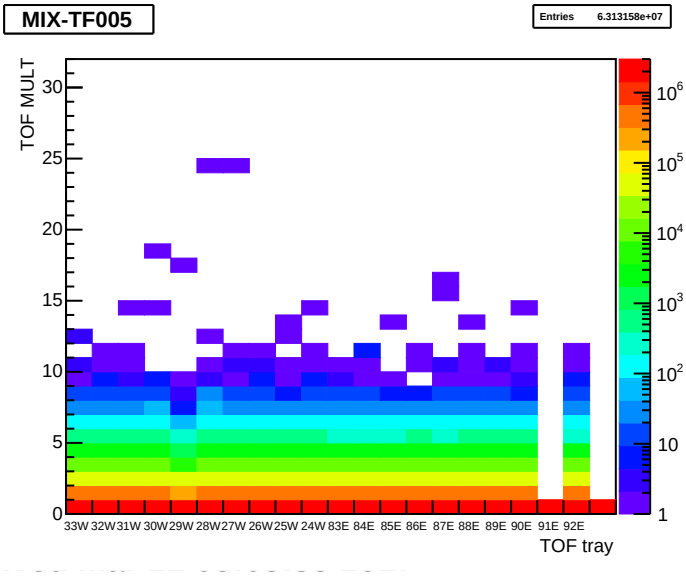

BunchId7Bit (RPET)
Entries 638097

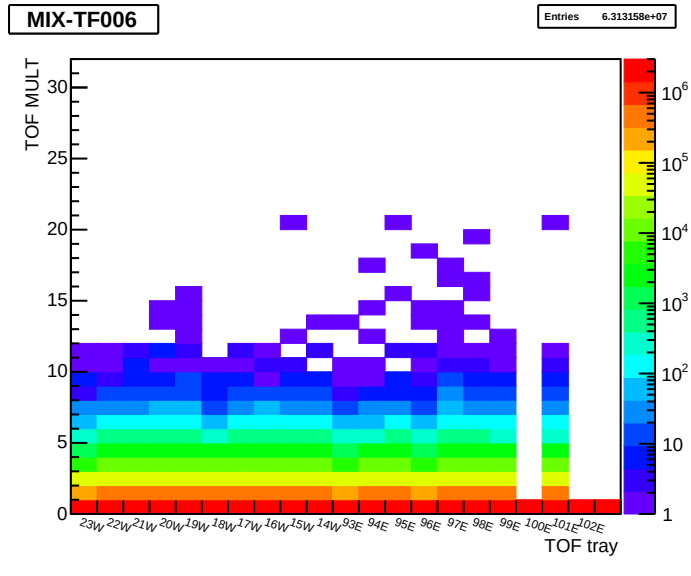

MIX-TF001
Entries 6.313158e+07
TOF MULT
TOF tray

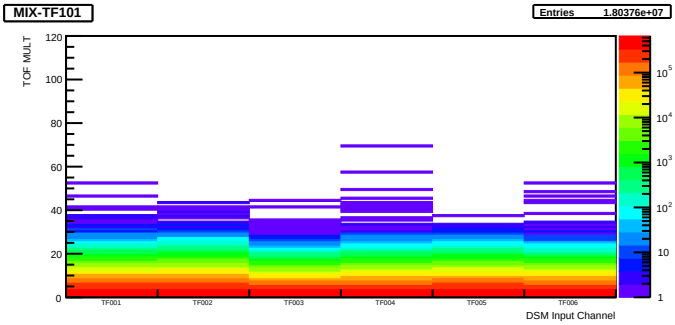

MIX-TF002
Entries 6.313158e+07
TOF MULT
TOF tray

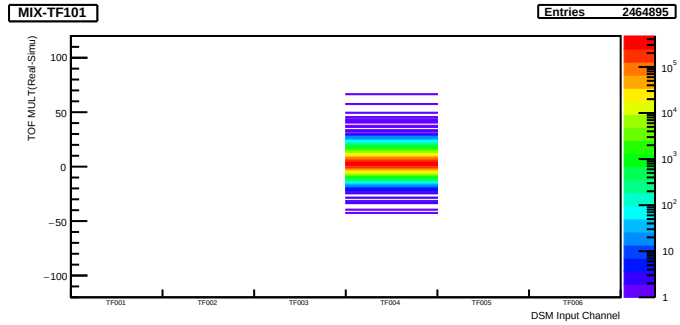

MIX-TF003
Entries 6.313158e+07
TOF MULT
TOF tray

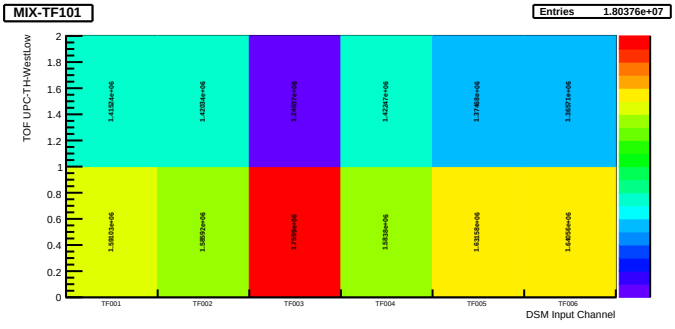

MIX-TF004
Entries 6.313158e+07
TOF MULT
TOF tray

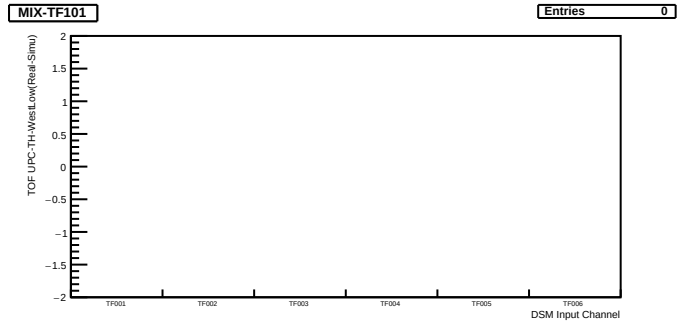

MIX-TF005
Entries 6.313158e+07
TOF MULT
TOF tray

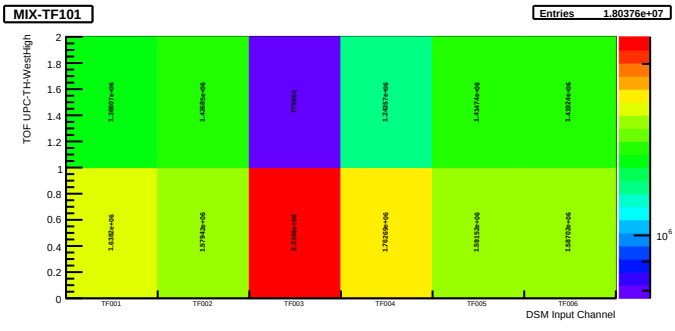

MIX-TF006
Entries 6.313158e+07
TOF MULT
TOF tray

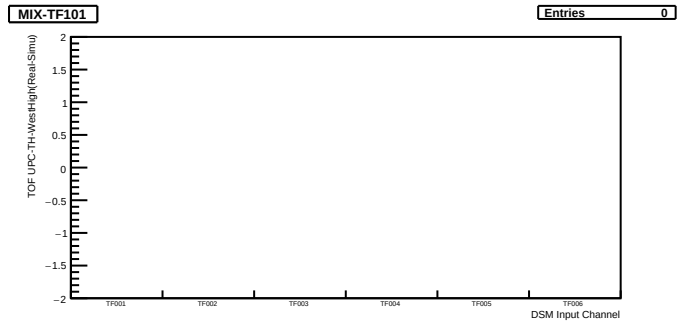

MIX-TF101
Entries 1.80376e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

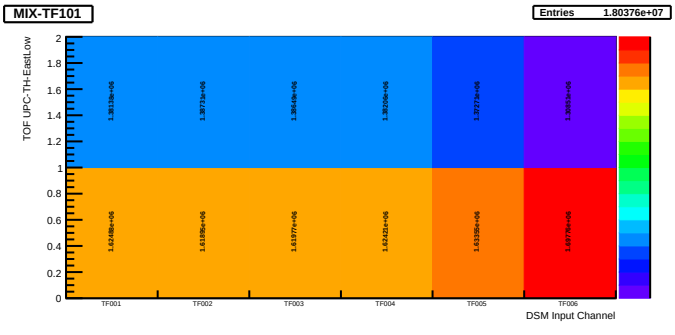

MIX-TF101
Entries 2464895
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

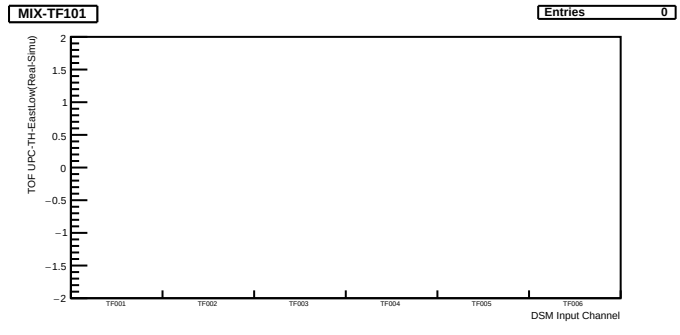

MIX-TF101
Entries 1.80376e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

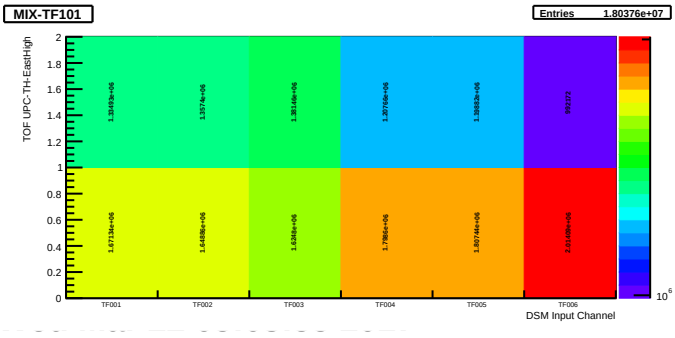

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

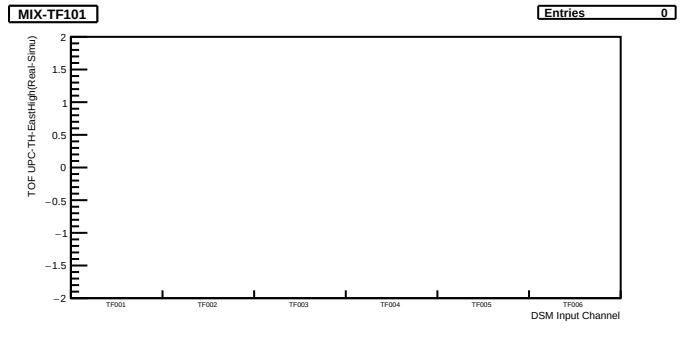

MIX-TF101
Entries 1.80376e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

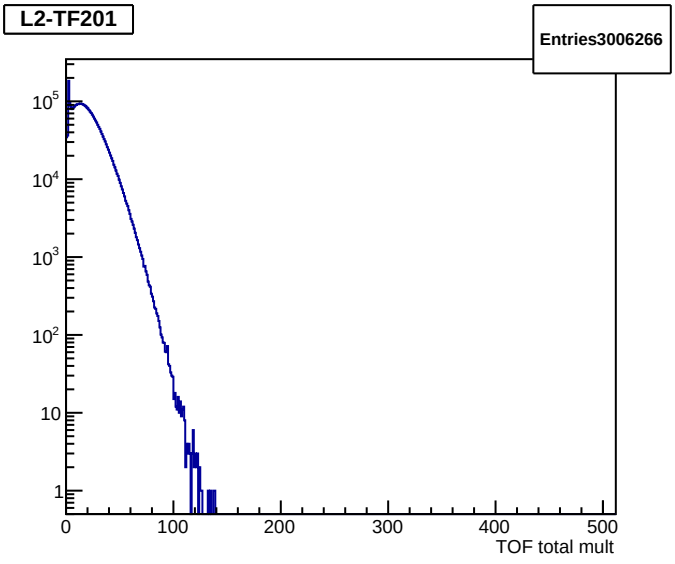

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

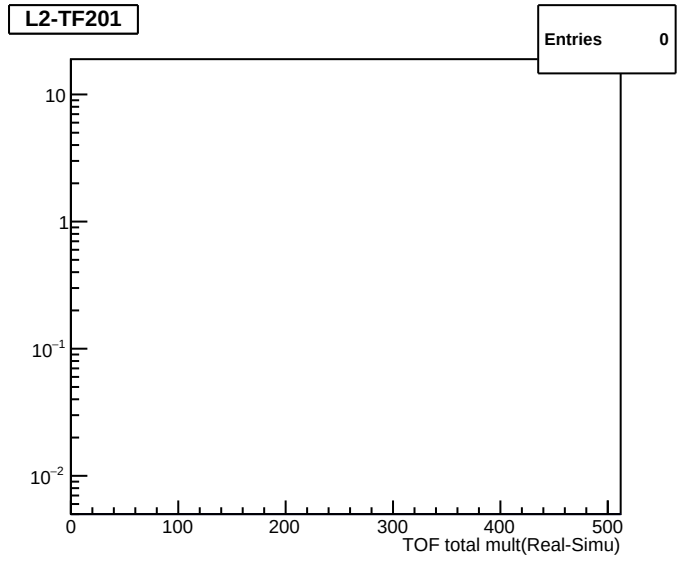

MIX-TF101
Entries 1.80376e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

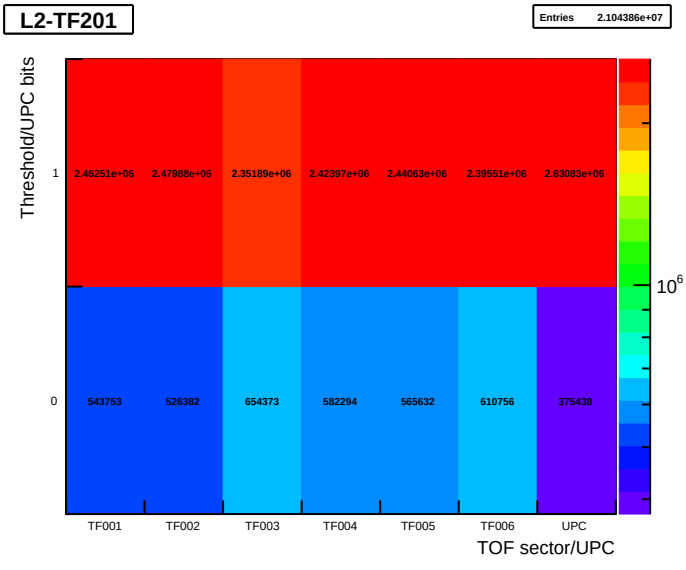

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

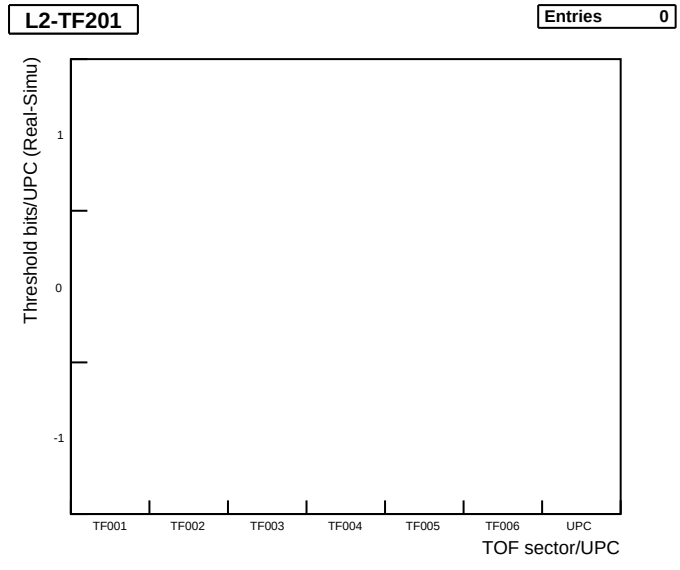

MIX-TF101
Entries 1.80376e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

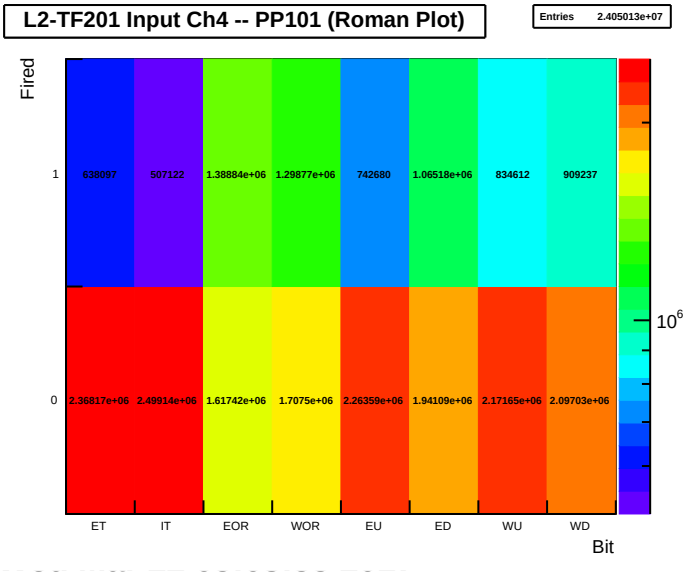

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

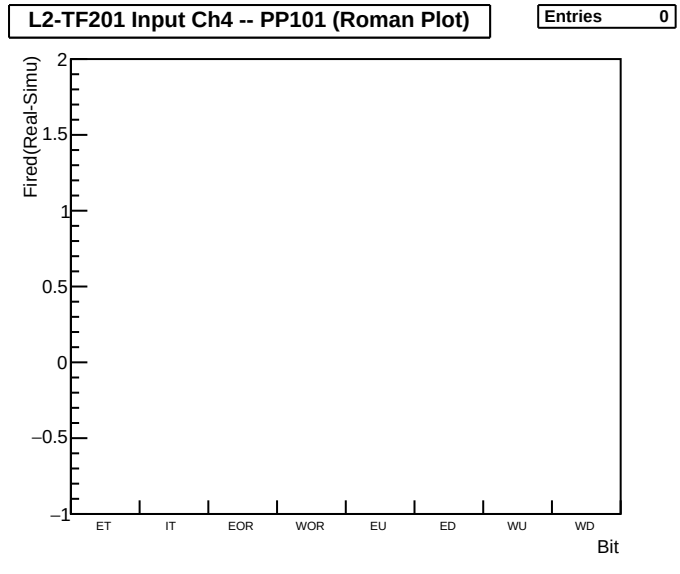

L2-TF201
Entries3006266
TOF total mult

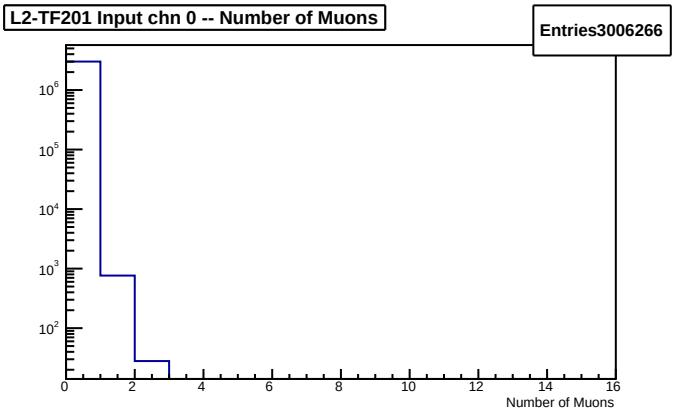

L2-TF201
Entries 0
TOF total mult(Real-Simu)

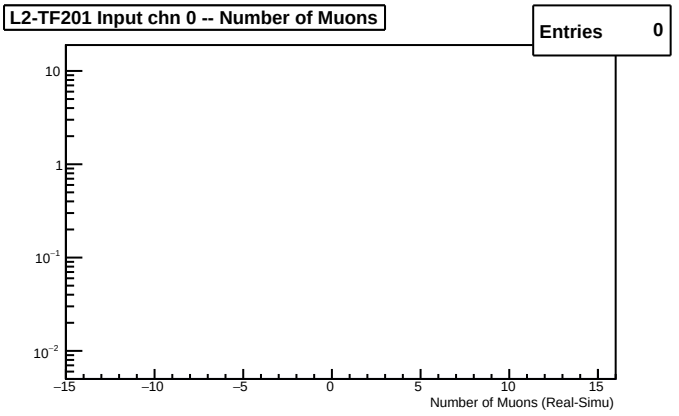

L2-TF201
Entries 2.104386e+07
Threshold/UPC bits
2.46251e+06
2.47988e+06
2.35189e+06
2.42397e+06
2.44063e+06
2.39551e+06
2.63083e+06
543753
526382
654373
582294
565632
610756
375438
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

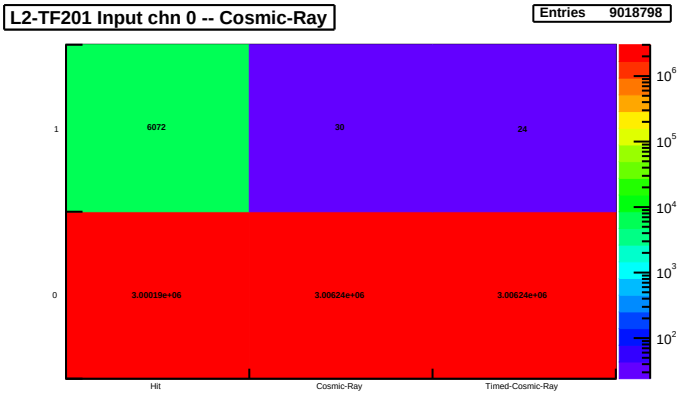

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

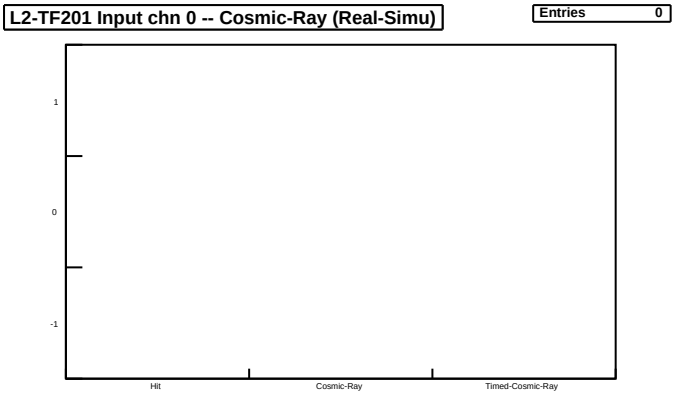

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 2.405013e+07
Fired
638097
507122
1.38884e+06
1.29877e+06
742680
1.06518e+06
834612
909237
2.36817e+06
2.49914e+06
1.61742e+06
1.7075e+06
2.26359e+06
1.94109e+06
2.17165e+06
2.09703e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

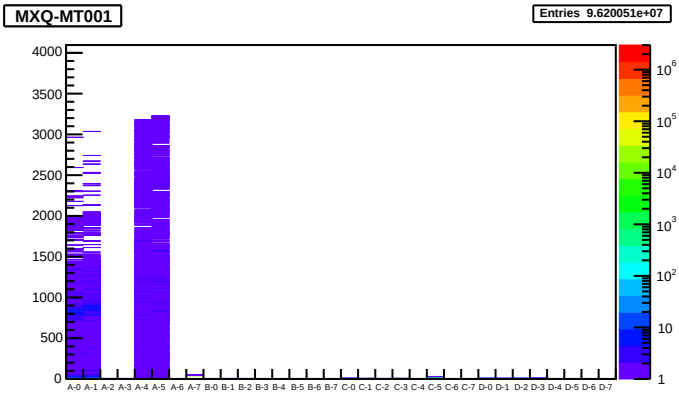

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

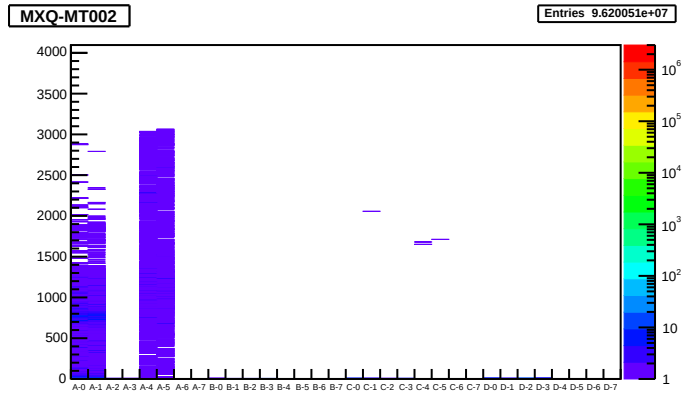

L2-TF201 Input chn 0 -- Number of Muons
Entries3006266
Number of Muons


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


L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 9018798
6072
30
24
3.00019e+06
3.00624e+06
3.00624e+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 9.620051e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT002
Entries 9.620051e+07
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3000
2500
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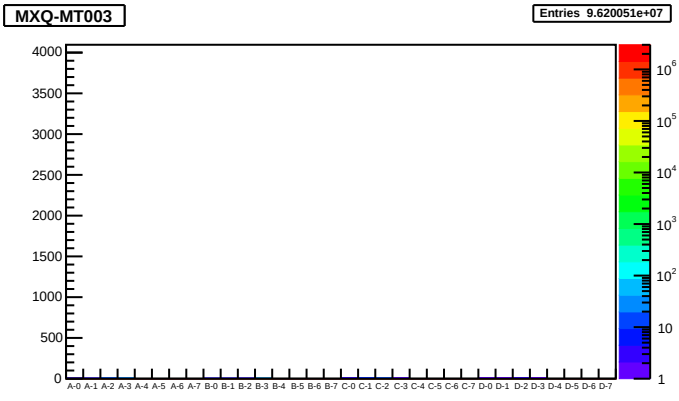
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT003
Entries 9.620051e+07
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2500
2000
1500
1000
500
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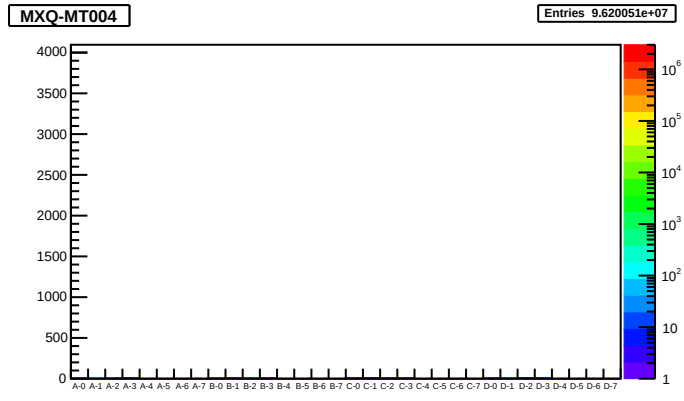
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT004
Entries 9.620051e+07
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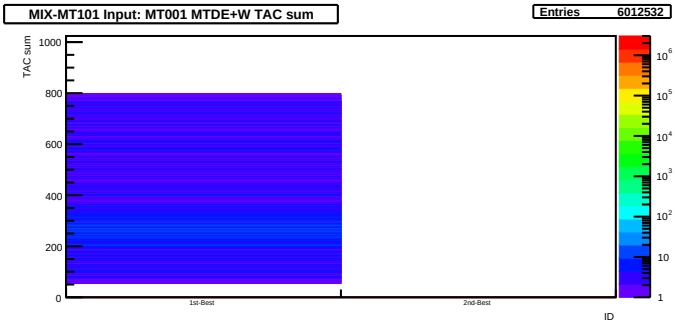
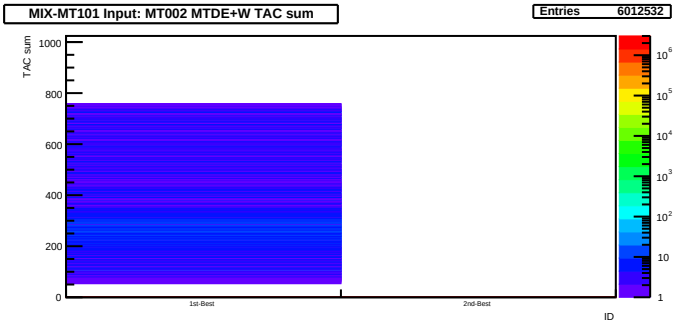
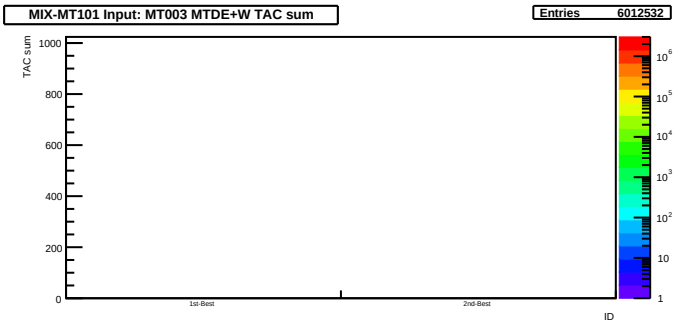
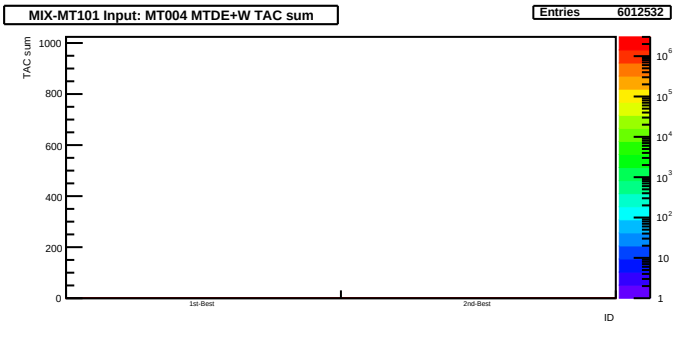
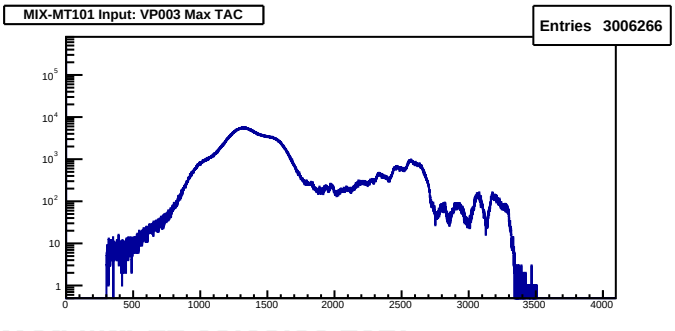
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

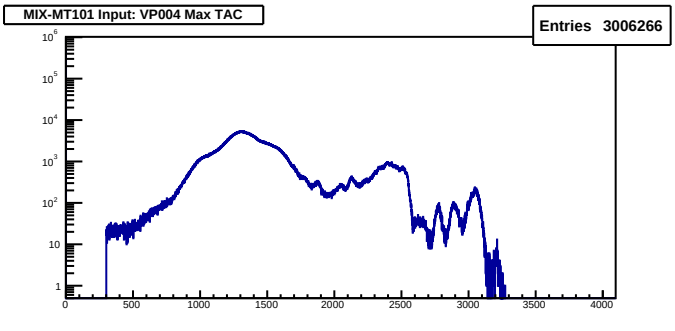

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 6012532
TAC sum
1st-Best
2nd-Best
ID

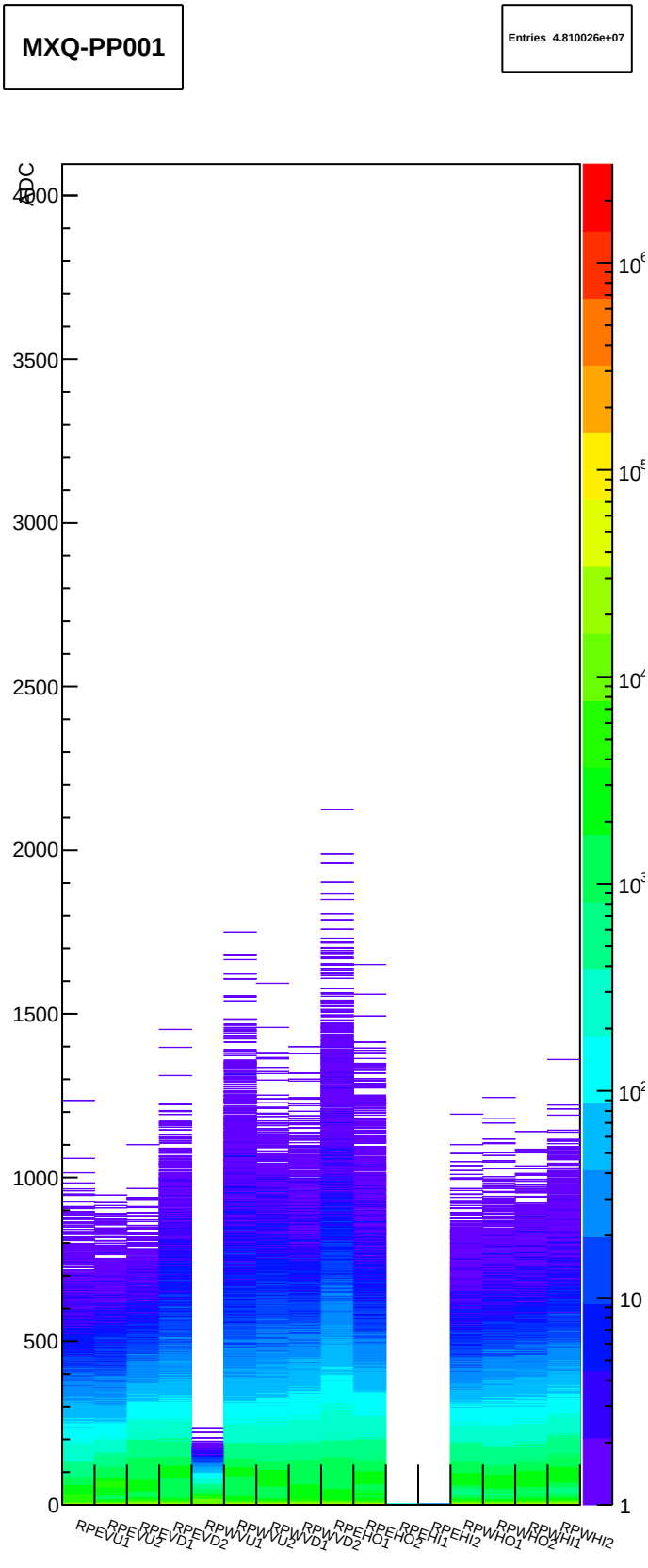

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 6012532
TAC sum
1st-Best
2nd-Best
ID

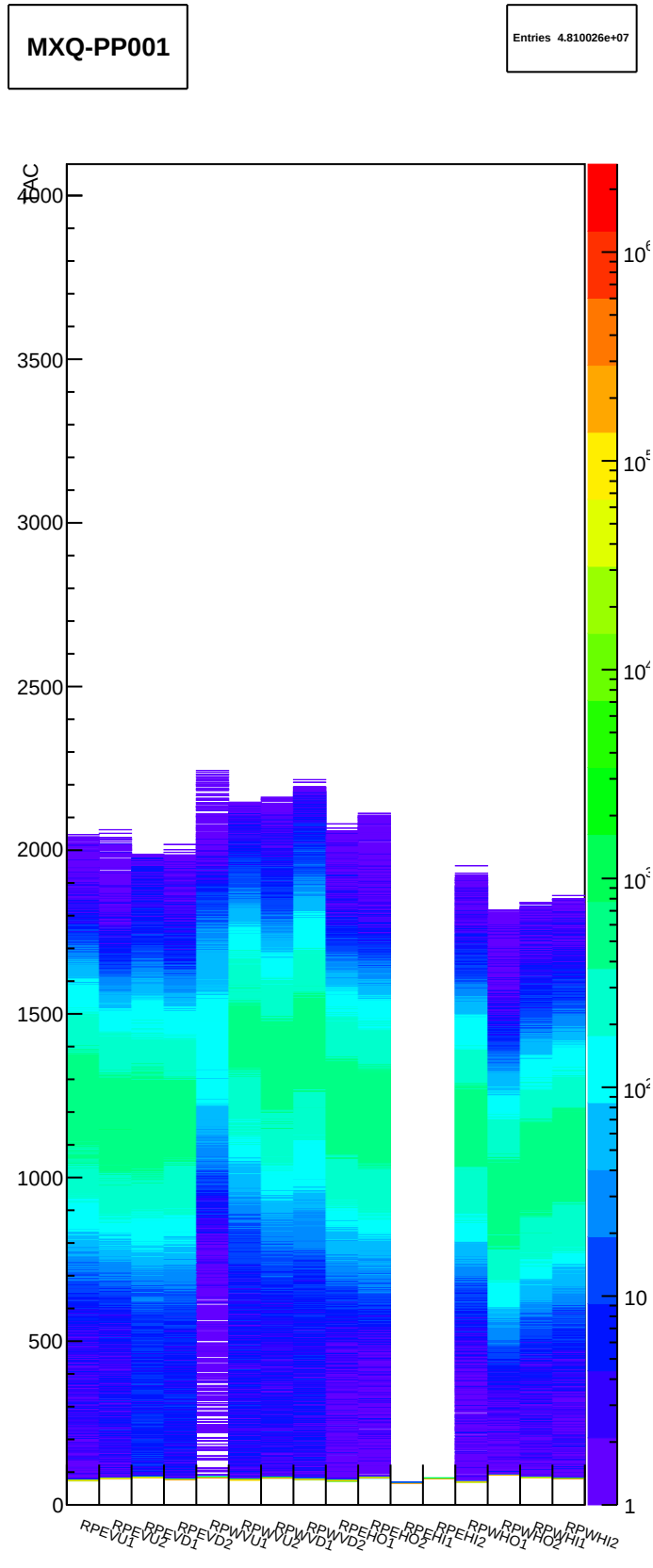

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 6012532
TAC sum
1st-Best
2nd-Best
ID

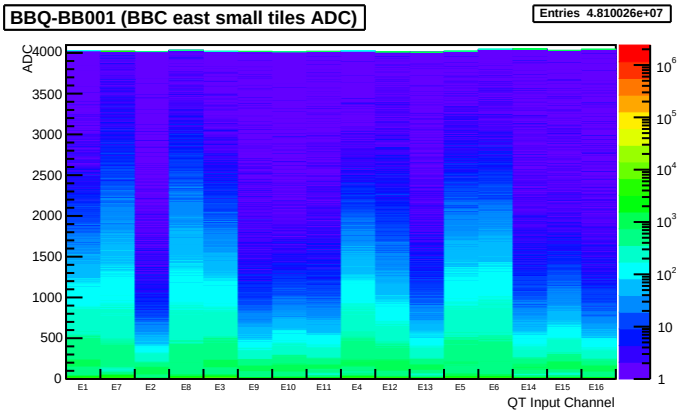

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 6012532
TAC sum
1st-Best
2nd-Best
ID

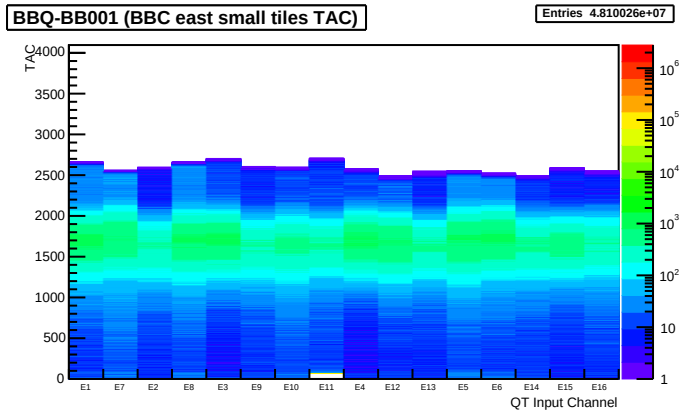

MIX-MT101 Input: VP003 Max TAC
Entries 3006266

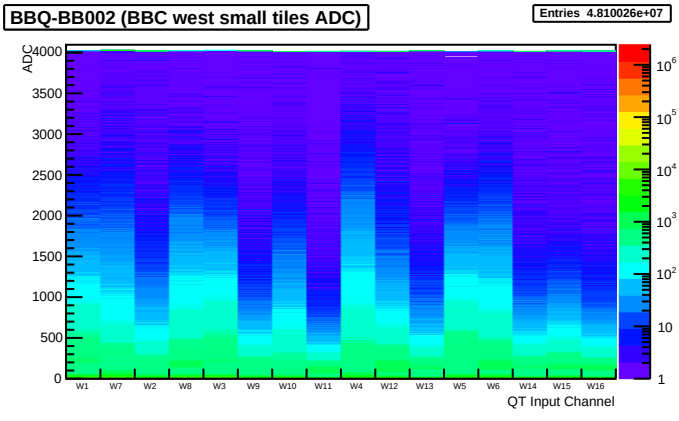

MIX-MT101 Input: VP004 Max TAC
Entries 3006266

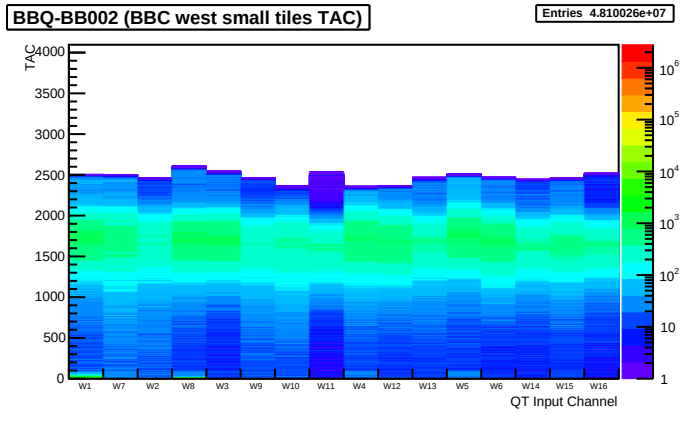

MXQ-PP001
Entries 4.810026e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

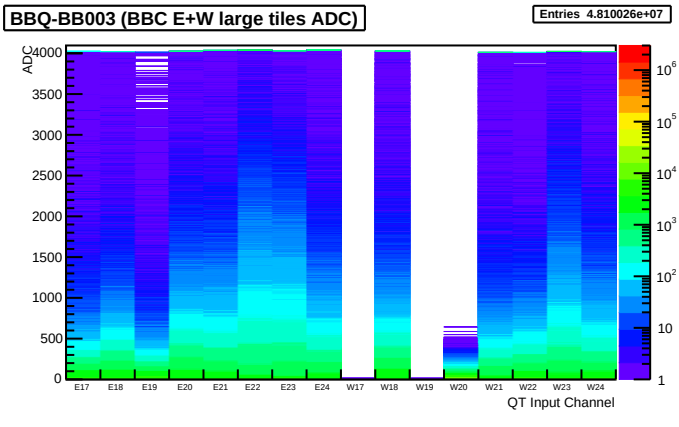

MXQ-PP001
Entries 4.810026e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

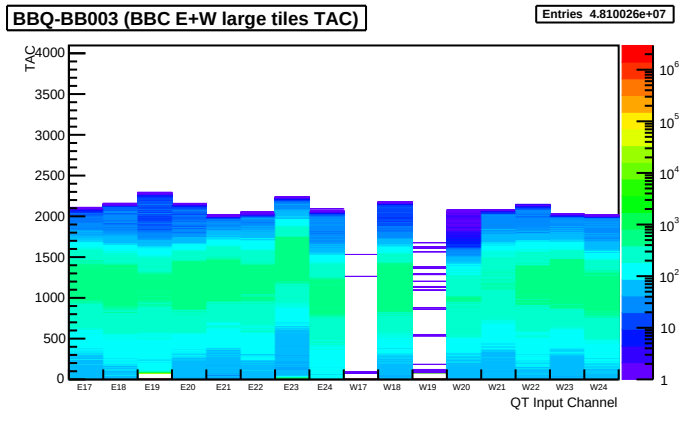

BBQ-BB001 (BBC east small tiles ADC)
Entries 4.810026e+07
ADC
QT Input Channel

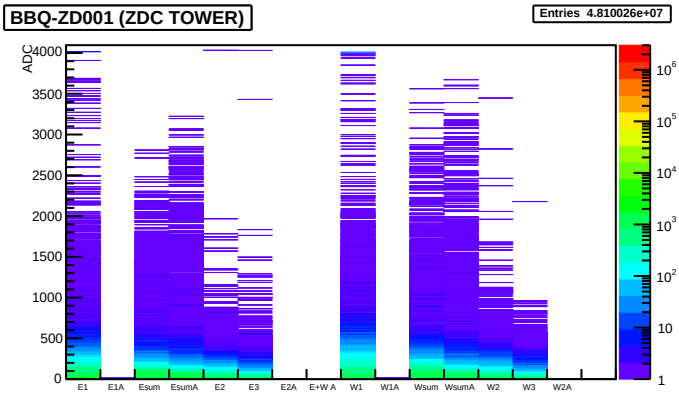

BBQ-BB001 (BBC east small tiles TAC)
Entries 4.810026e+07
TAC
QT Input Channel

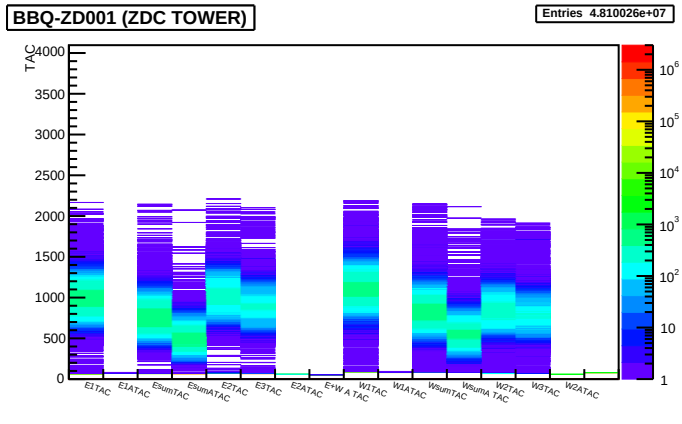

BBQ-BB002 (BBC west small tiles ADC)
Entries 4.810026e+07
ADC
QT Input Channel

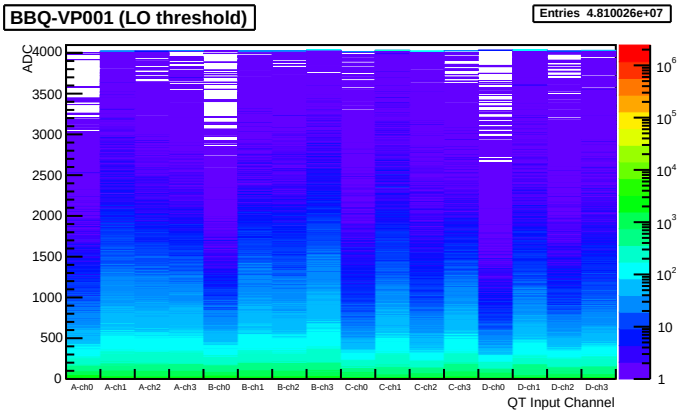

BBQ-BB002 (BBC west small tiles TAC)
Entries 4.810026e+07
TAC
QT Input Channel

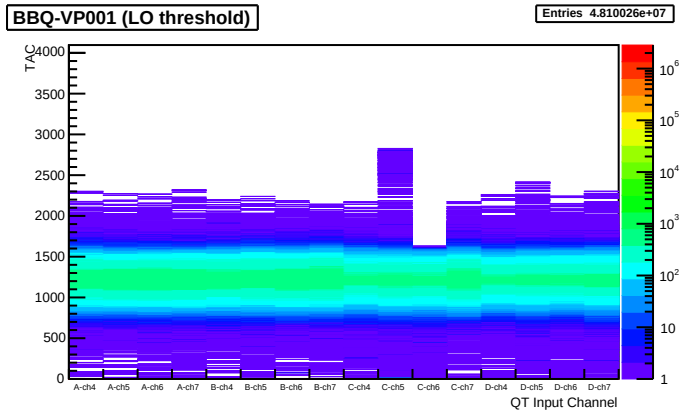

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 4.810026e+07
ADC
QT Input Channel

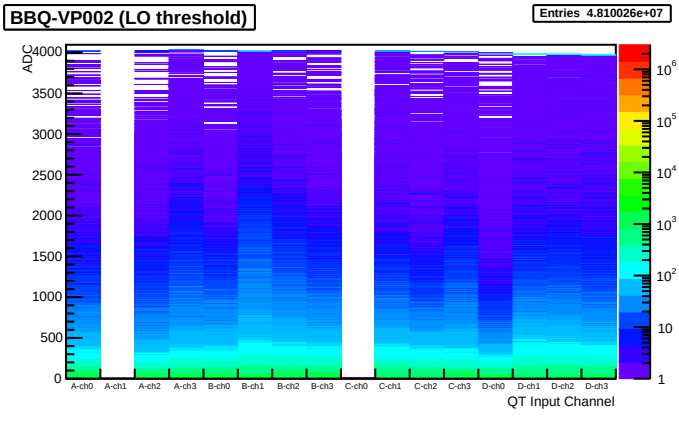

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 4.810026e+07
TAC
QT Input Channel

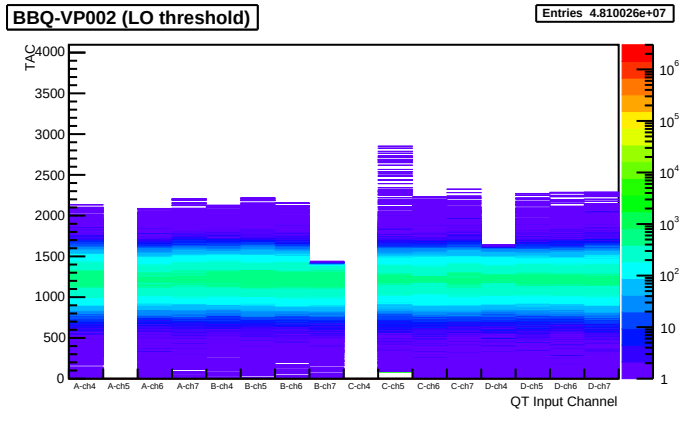

BBQ-ZD001 (ZDC TOWER)
Entries 4.810026e+07
ADC

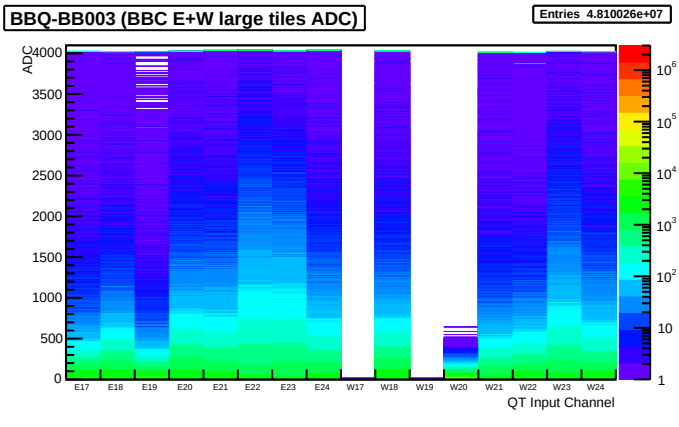

BBQ-ZD001 (ZDC TOWER)
Entries 4.810026e+07
TAC

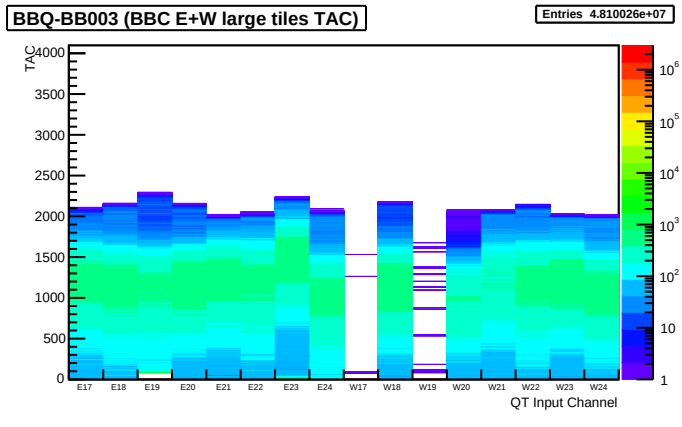

BBQ-VP001 (LO threshold)
Entries 4.810026e+07
ADC
QT Input Channel

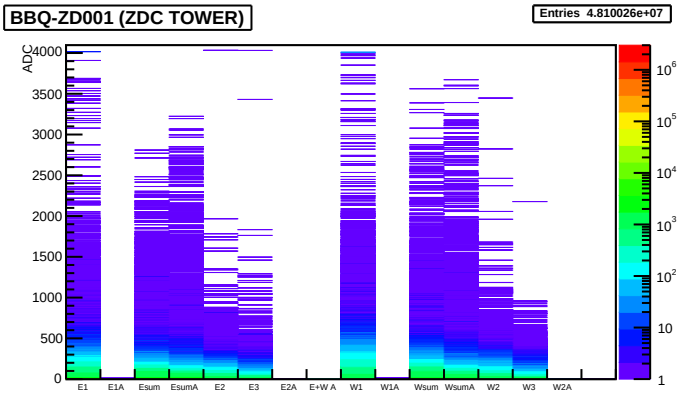

BBQ-VP001 (LO threshold)
Entries 4.810026e+07
TAC
QT Input Channel

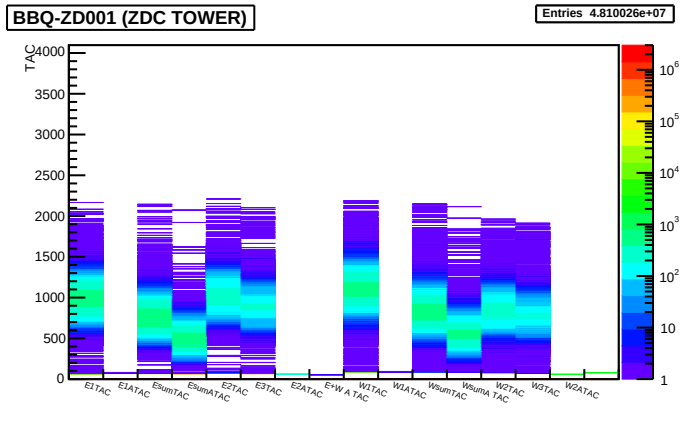

BBQ-VP002 (LO threshold)
Entries 4.810026e+07
ADC
QT Input Channel

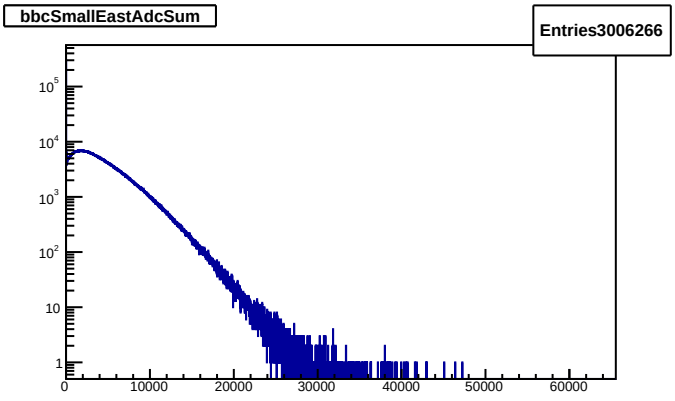

BBQ-VP002 (LO threshold)
Entries 4.810026e+07
TAC
QT Input Channel

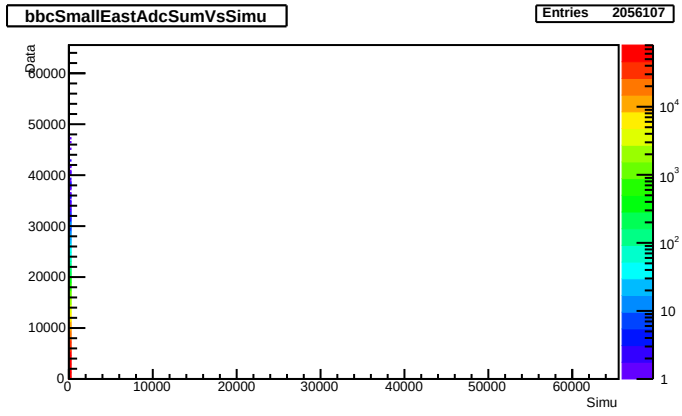

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 4.810026e+07
ADC
QT Input Channel

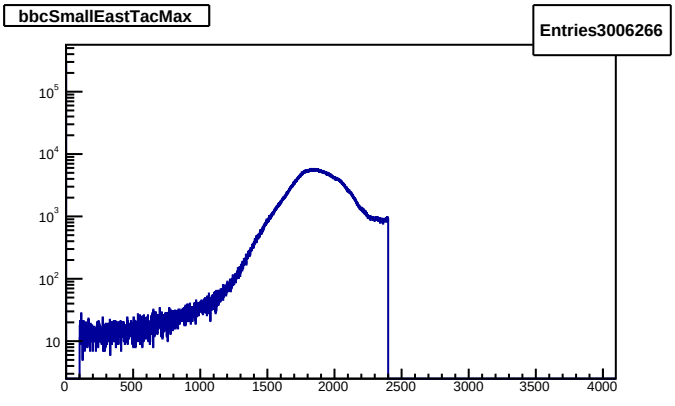

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 4.810026e+07
TAC
QT Input Channel

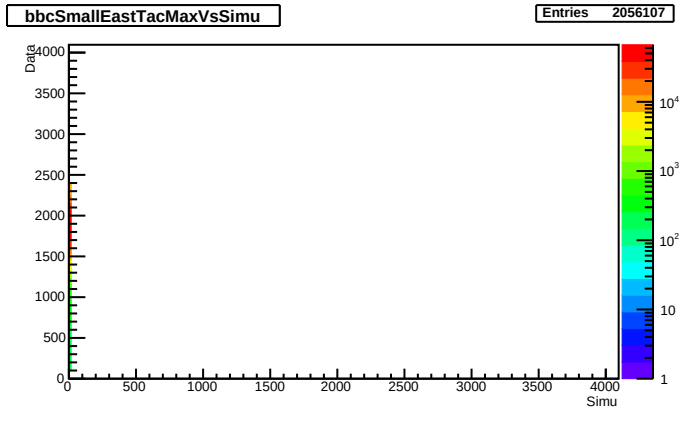

BBQ-ZD001 (ZDC TOWER)
Entries 4.810026e+07
ADC

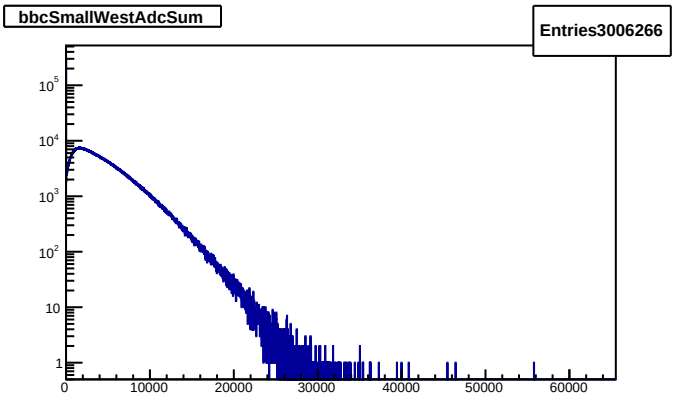

BBQ-ZD001 (ZDC TOWER)
Entries 4.810026e+07
TAC

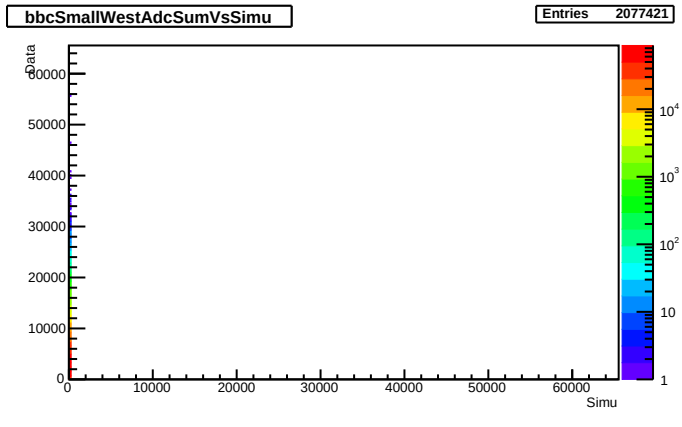

bbcSmallEastAdcSum
Entries3006266

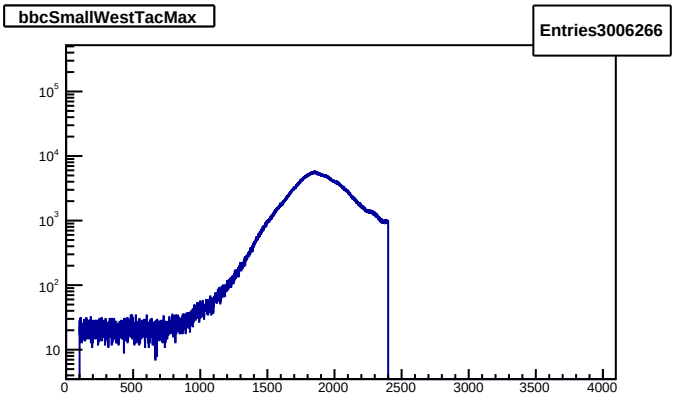

bbcSmallEastAdcSumVsSimu
Entries 2056107
Data
Simu

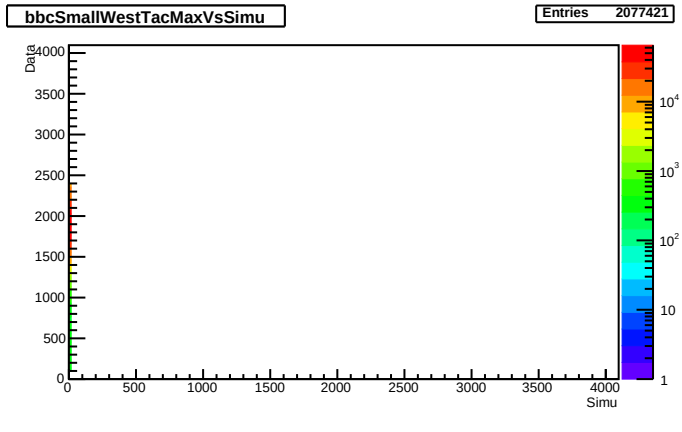

bbcSmallEastTacMax
Entries3006266

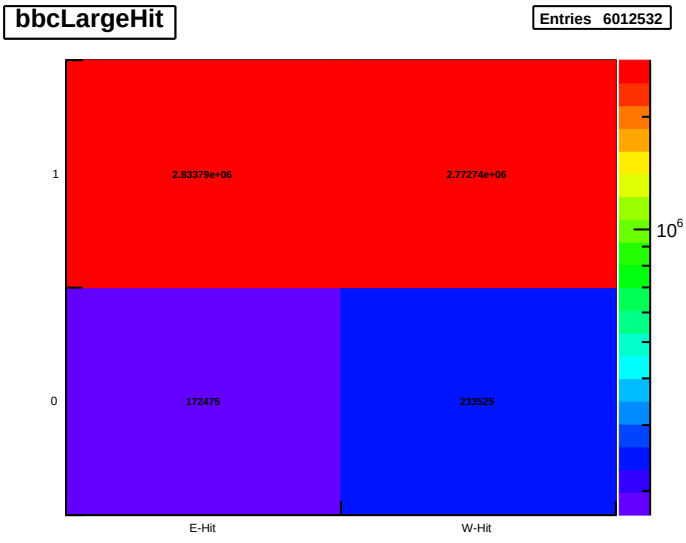

bbcSmallEastTacMaxVsSimu
Entries 2056107
Data
Simu

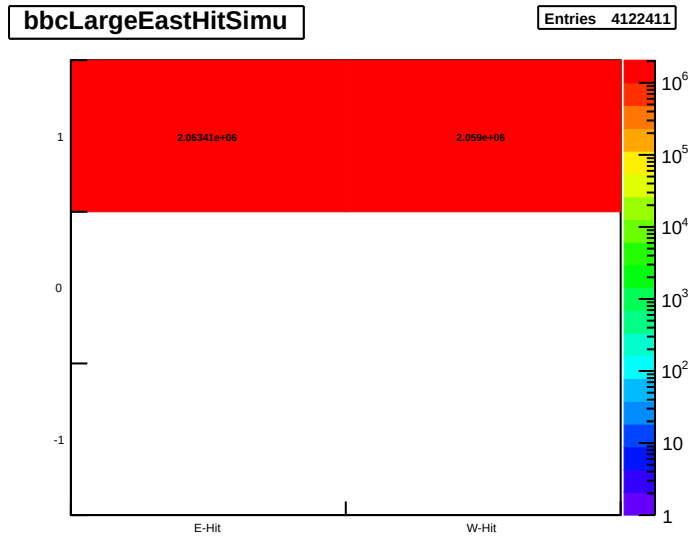

bbcSmallWestAdcSum
Entries3006266

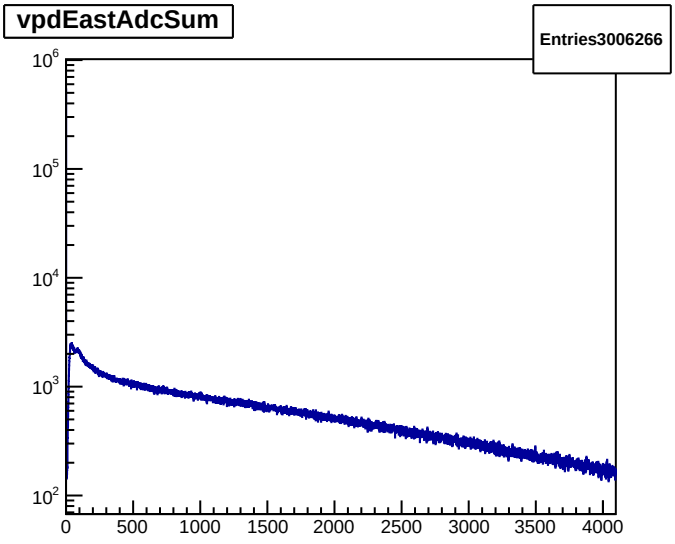

bbcSmallWestAdcSumVsSimu
Entries 2077421
Data
Simu

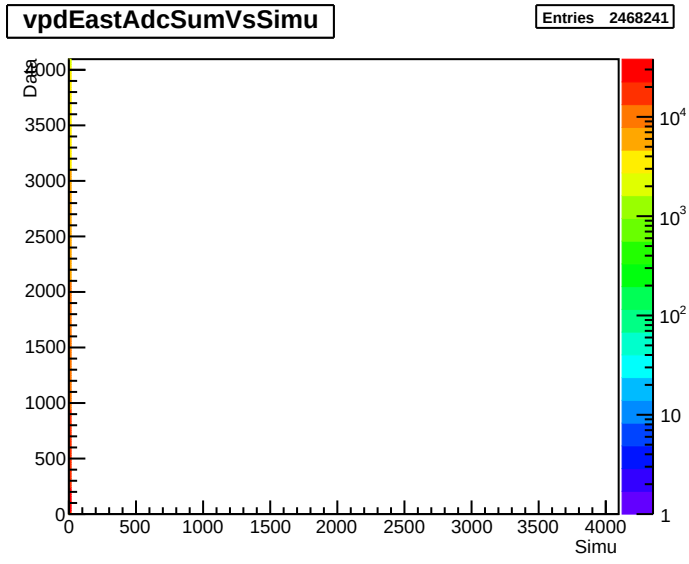

bbcSmallWestTacMax
Entries3006266

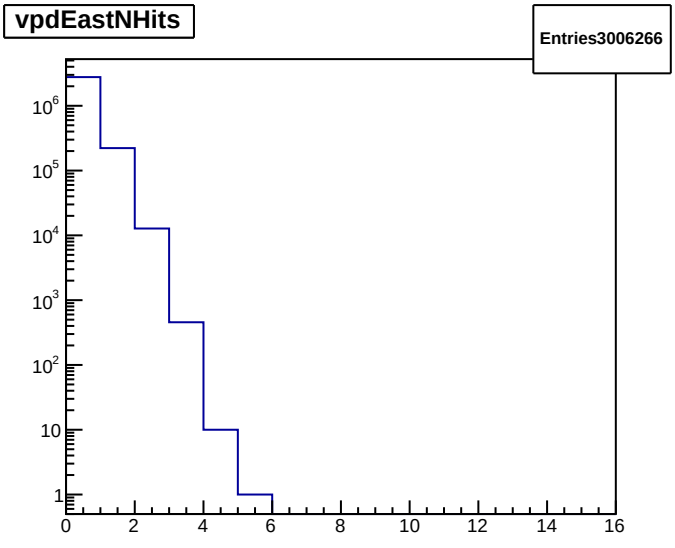

bbcSmallWestTacMaxVsSimu
Entries 2077421
Data
Simu

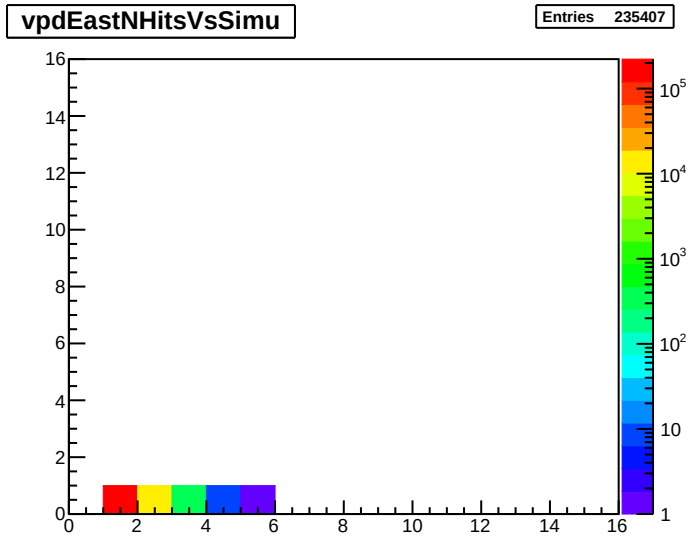

bbcLargeHit
Entries 6012532
1
0
2.83379e+06
2.77274e+06
172475
233525
E-Hit
W-Hit
10^6

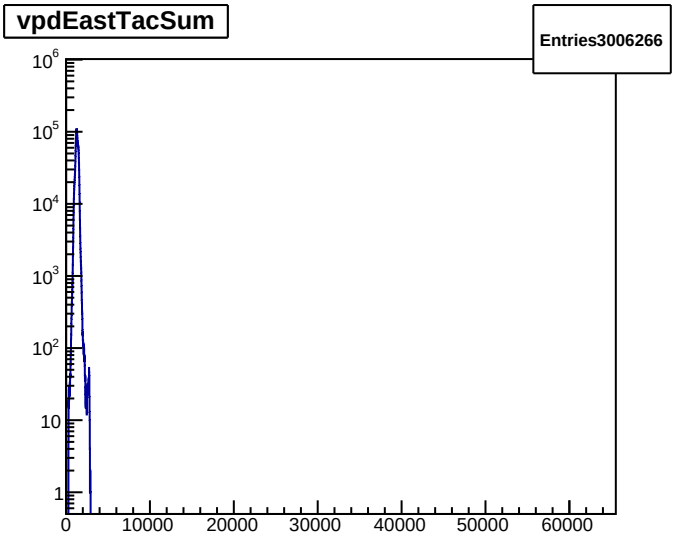

bbcLargeEastHitSimu
Entries 4122411
1
0
-1
2.06341e+06
2.059e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

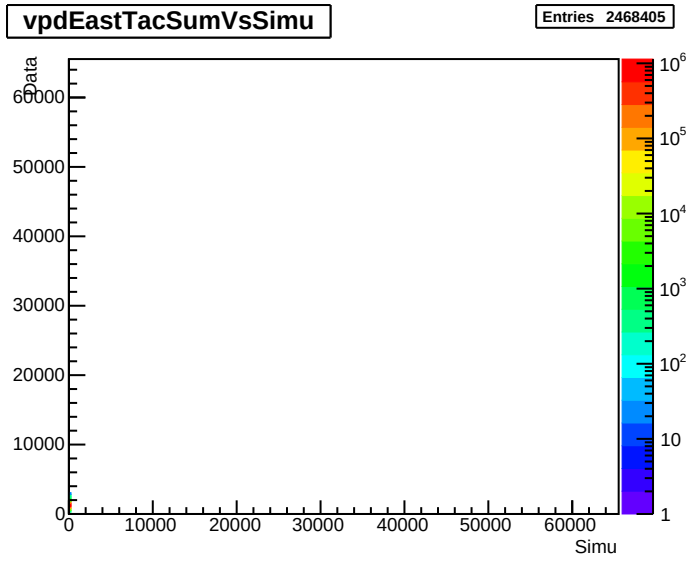

vpdEastAdcSum
Entries3006266

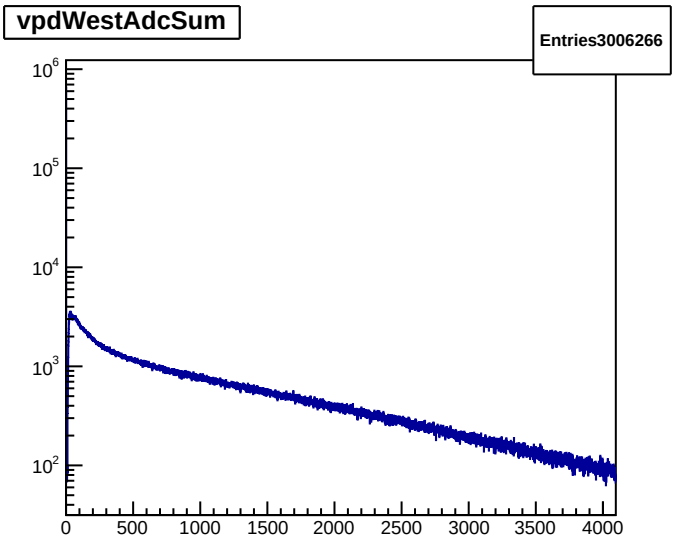

vpdEastAdcSumVsSimu
Entries 2468241
Data
Simu

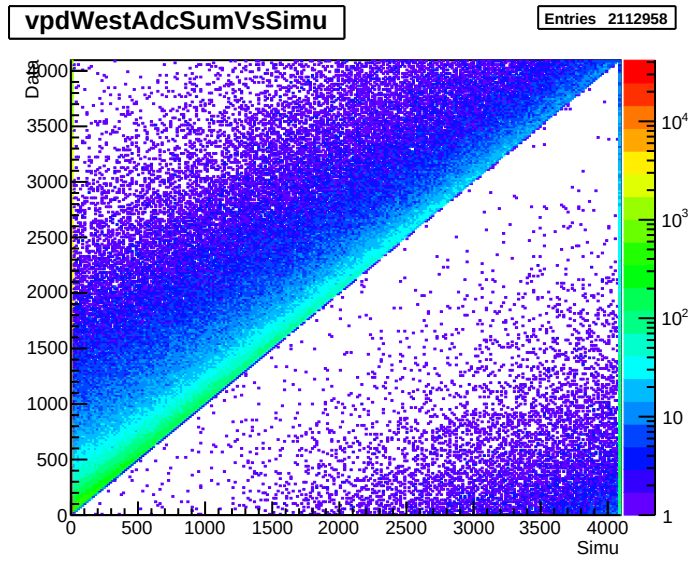

vpdEastNHits
Entries3006266

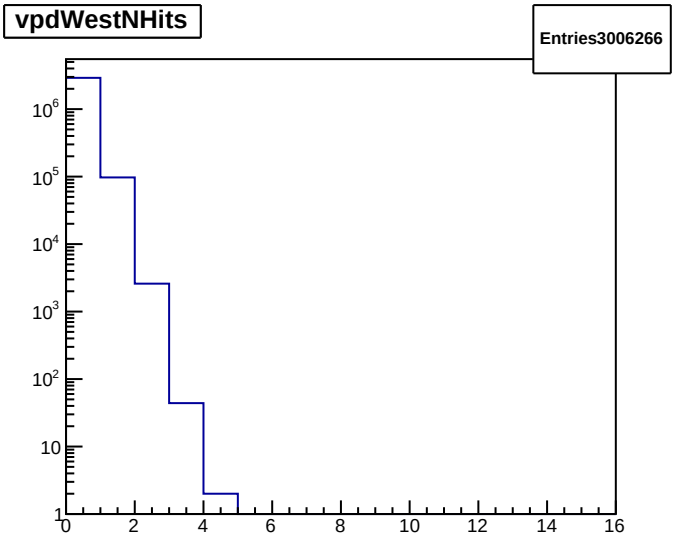

vpdEastNHitsVsSimu
Entries 235407

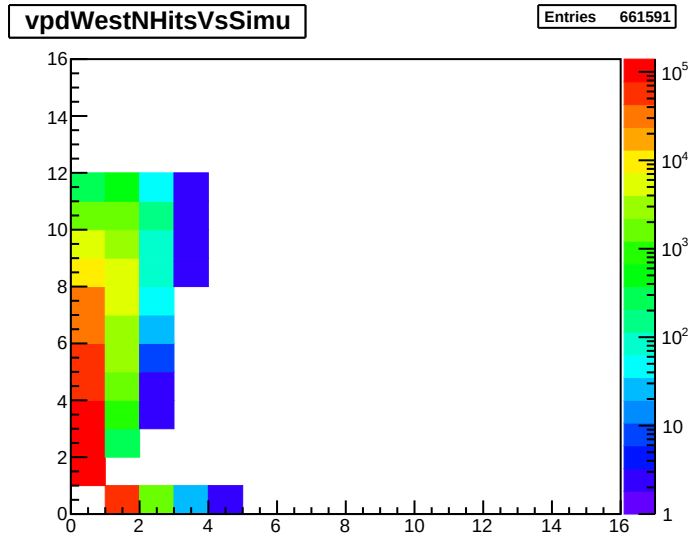

vpdEastTacSum
Entries3006266

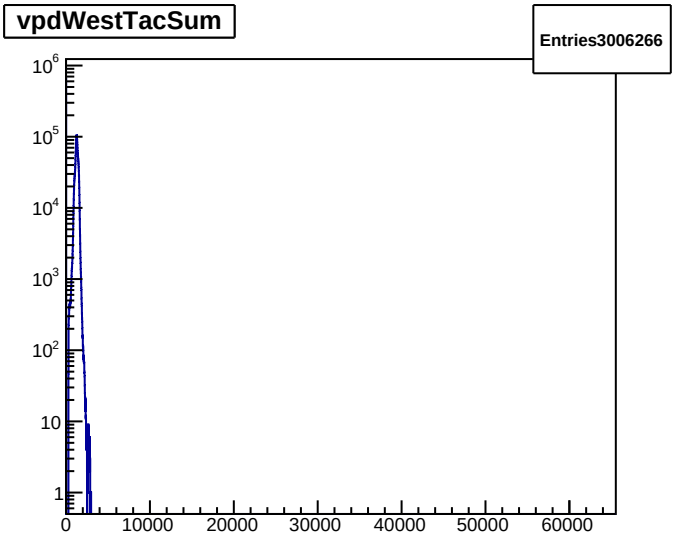

vpdEastTacSumVsSimu
Entries 2468405
Data
Simu

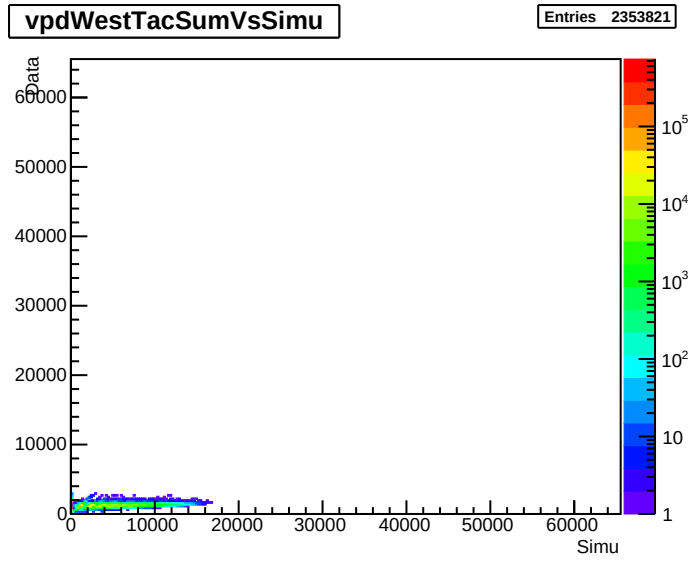

vpdWestAdcSum
Entries3006266

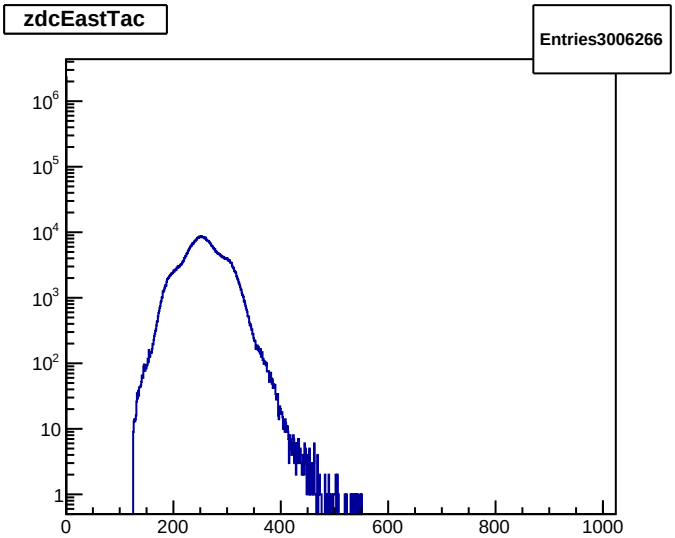

vpdWestAdcSumVsSimu
Entries 2112958
Data
Simu

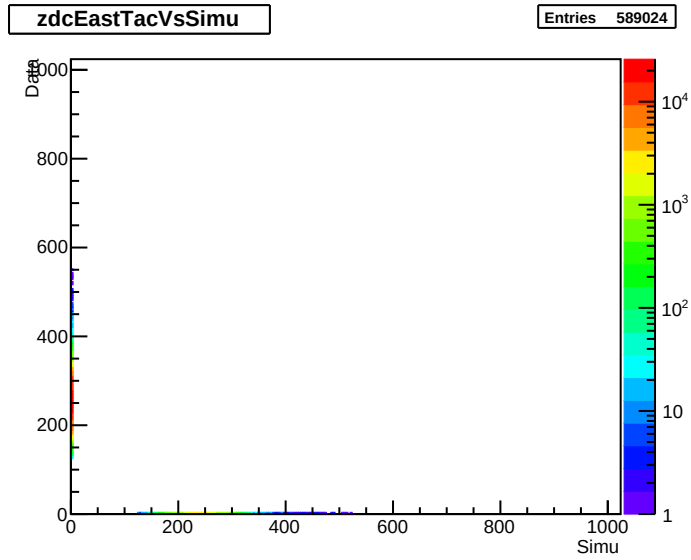

vpdWestNHits
Entries3006266

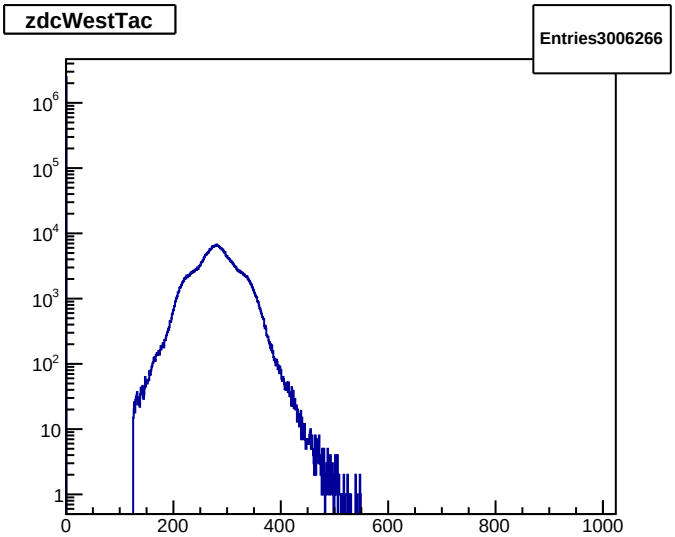

vpdWestNHitsVsSimu
Entries 661591

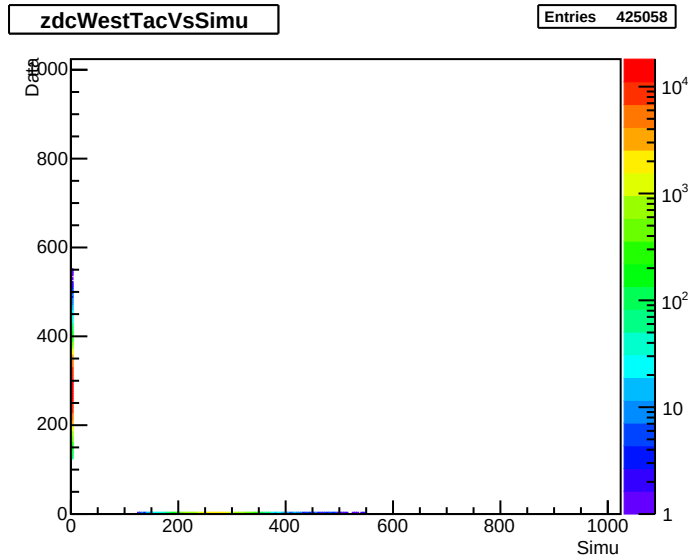

vpdWestTacSum
Entries3006266

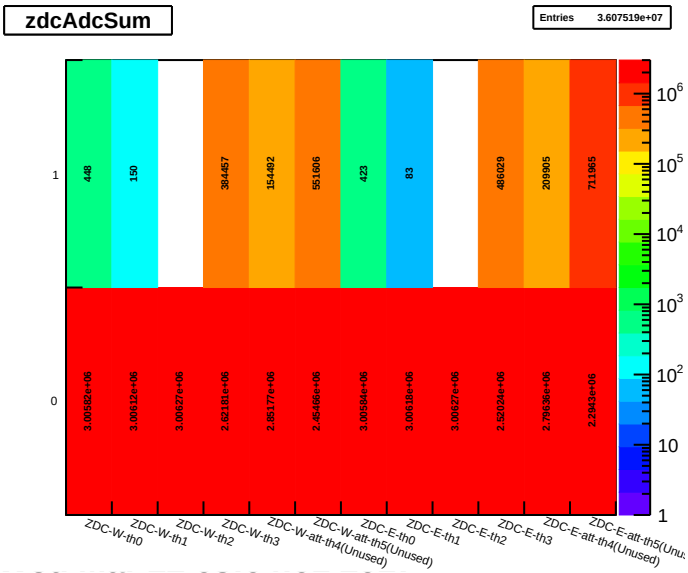

vpdWestTacSumVsSimu
Entries 2353821
Data
Simu

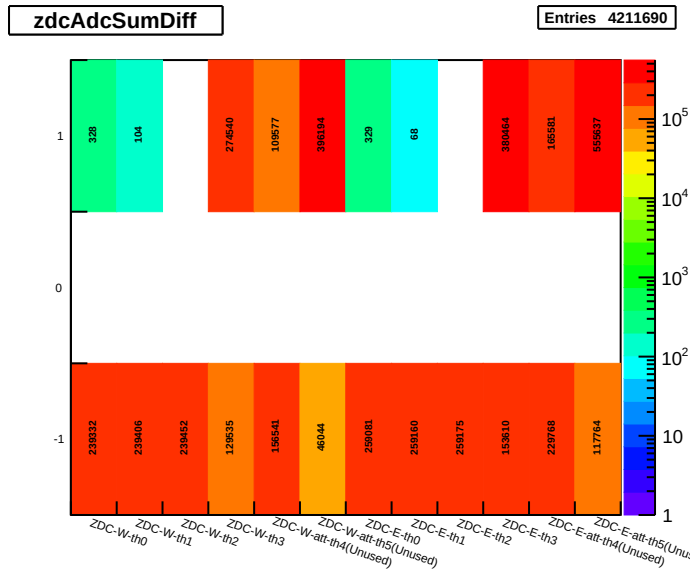

zdcEastTac
Entries3006266

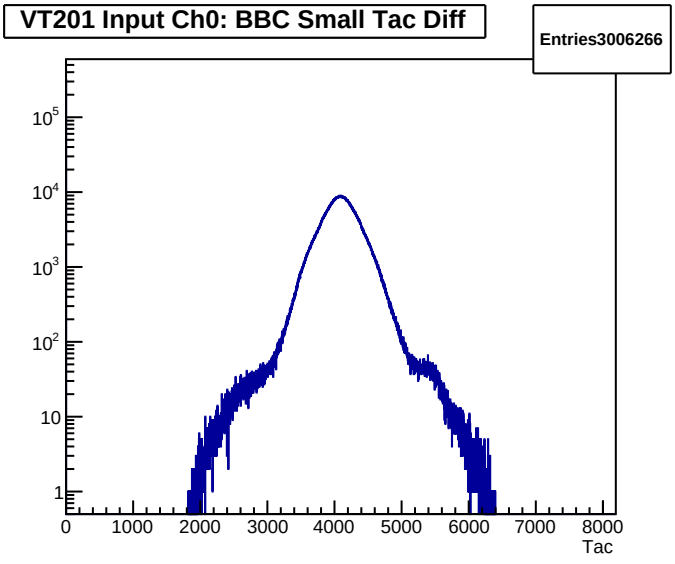

zdcEastTacVsSimu
Entries 589024
Data
Simu

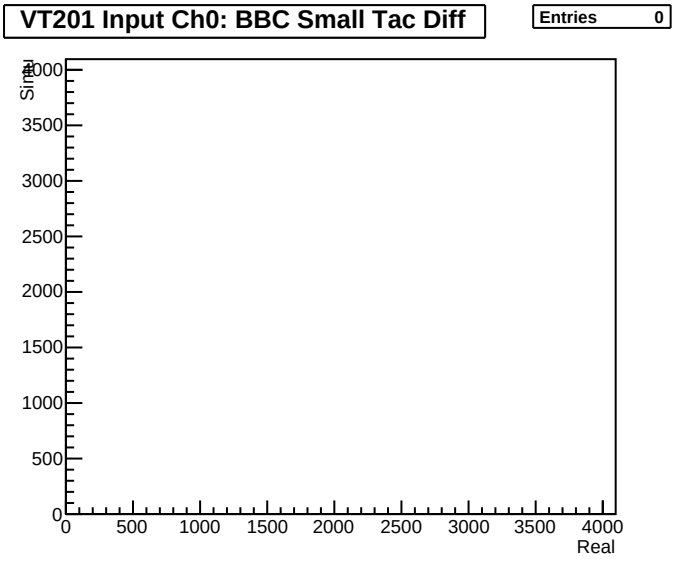

zdcWestTac
Entries3006266

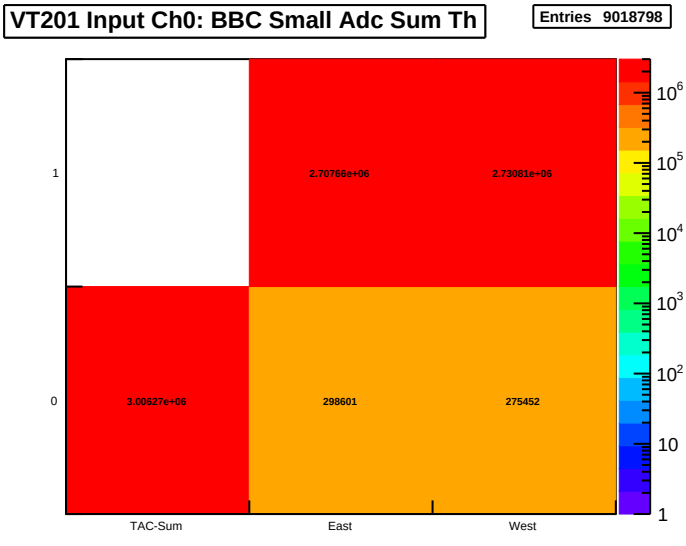

zdcWestTacVsSimu
Entries 425058
Data
Simu

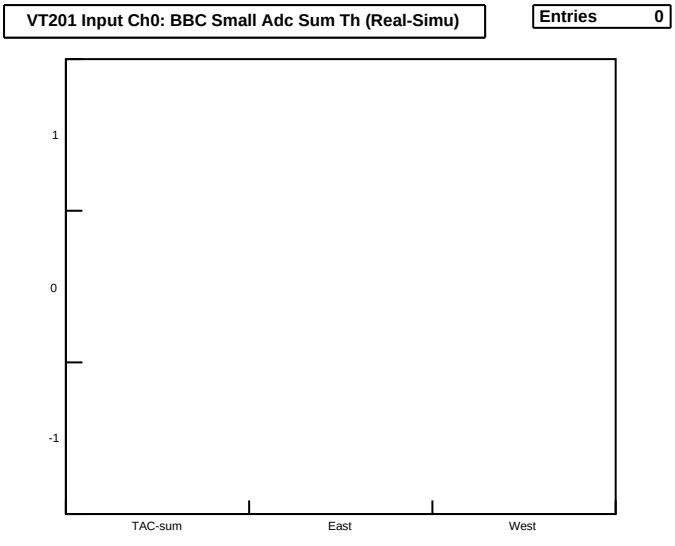

zdcAdcSum
Entries 3.607519e+07
448
150
384457
154492
551606
423
83
486029
209905
711965
3.00582e+06
3.00612e+06
3.00627e+06
2.62181e+06
2.85177e+06
2.45466e+06
3.00584e+06
3.00618e+06
3.00627e+06
2.52024e+06
2.79636e+06
2.2943e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

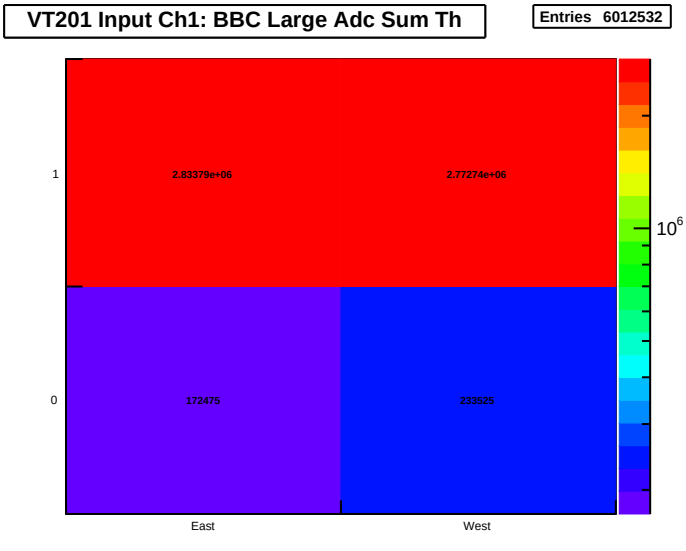

zdcAdcSumDiff
Entries 4211690
328
104
274540
109577
396194
329
68
380464
165581
556537
238332
239406
239452
129535
156541
46044
259081
259160
259175
153610
229768
117764
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

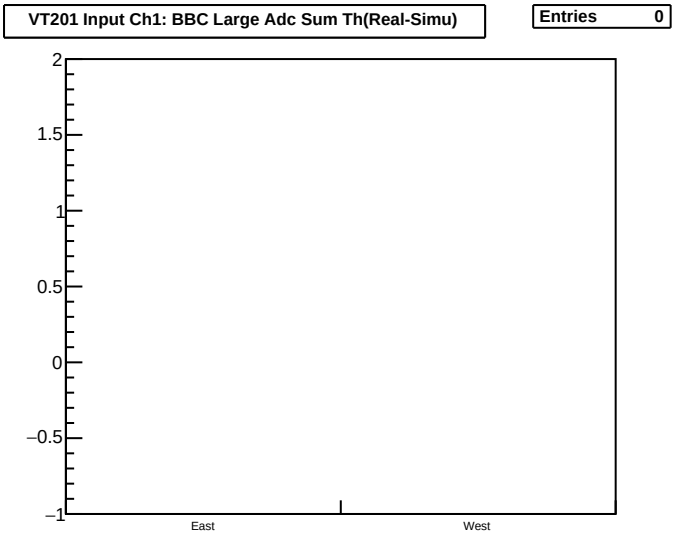

VT201 Input Ch0: BBC Small Tac Diff
Entries3006266
Tac


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

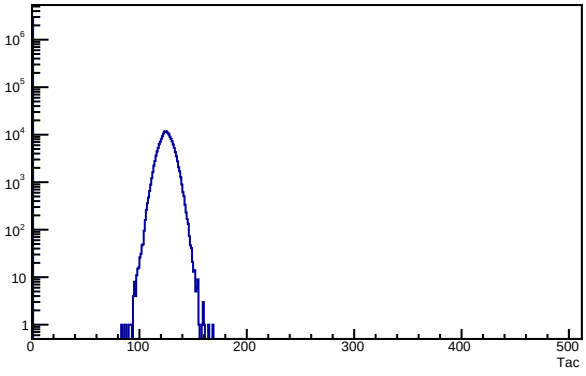

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 9018798
2.70766e+06
2.73081e+06
3.00627e+06
298601
275452
TAC-Sum
East
West


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

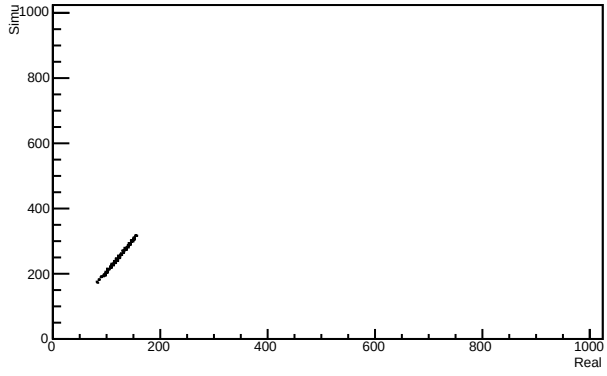

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 6012532
2.83379e+06
2.77274e+06
172475
233525
East
West


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

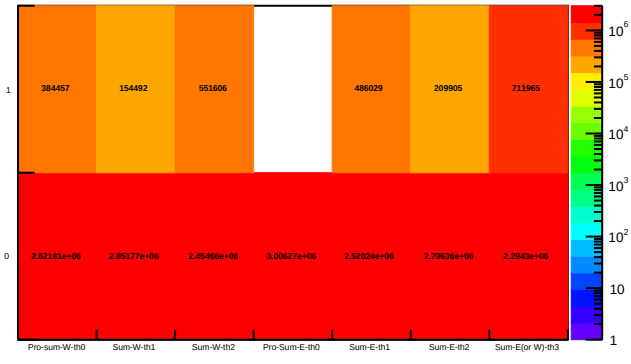
VT201 Input Ch2: ZDC Tac Diff



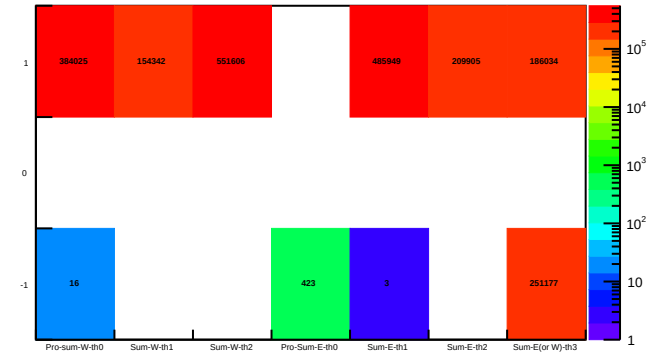
VT201 Input Ch2: ZDC Tac Diff



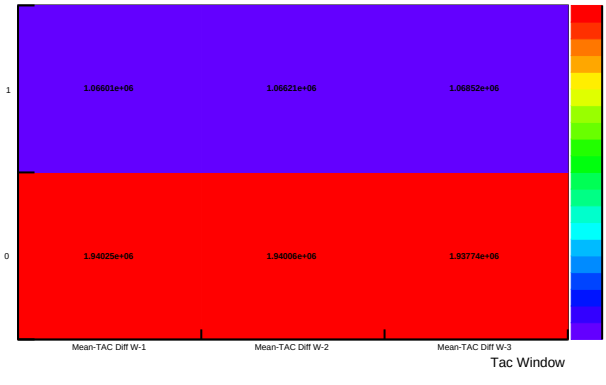
VT201 Input Ch2: ZDC Adc Sum Th



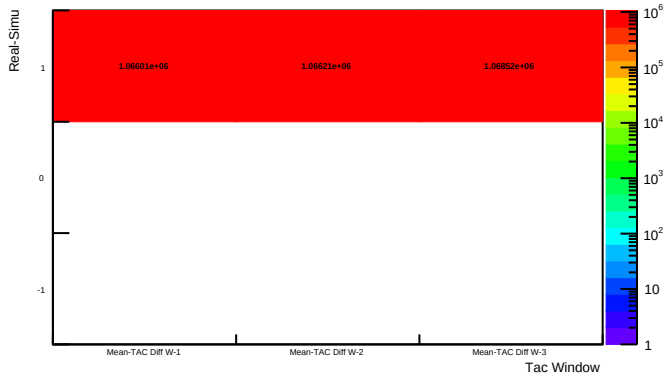
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



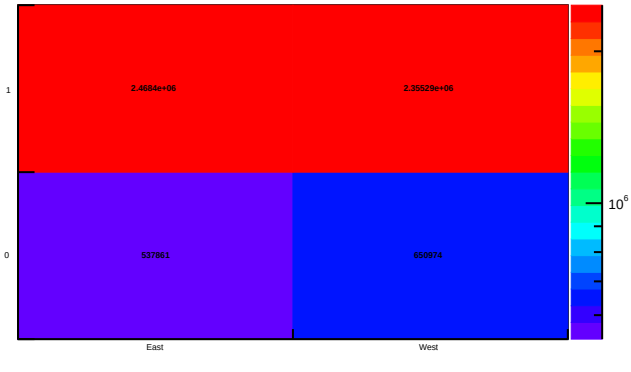
VT201 Input Ch4: VPD Tac Diff



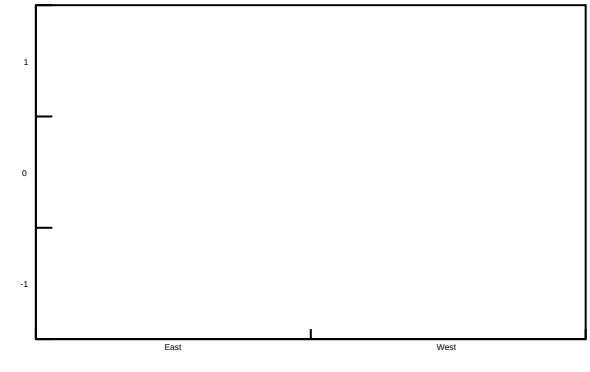
VT201 Input Ch4: VPD Tac Diff

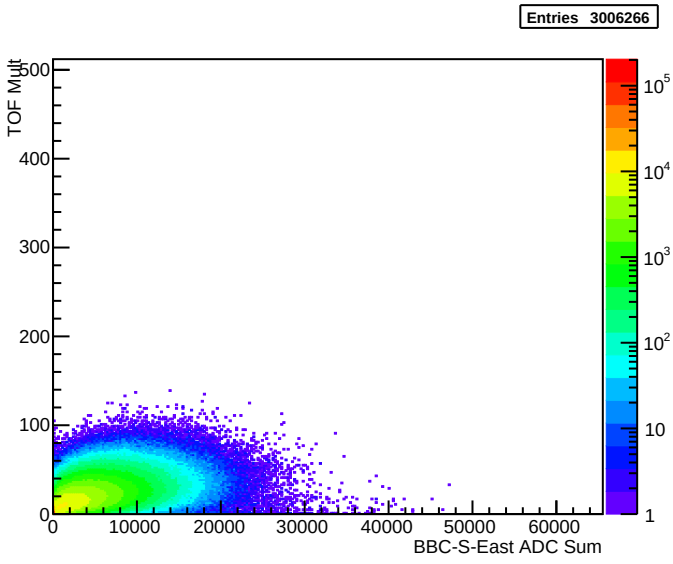


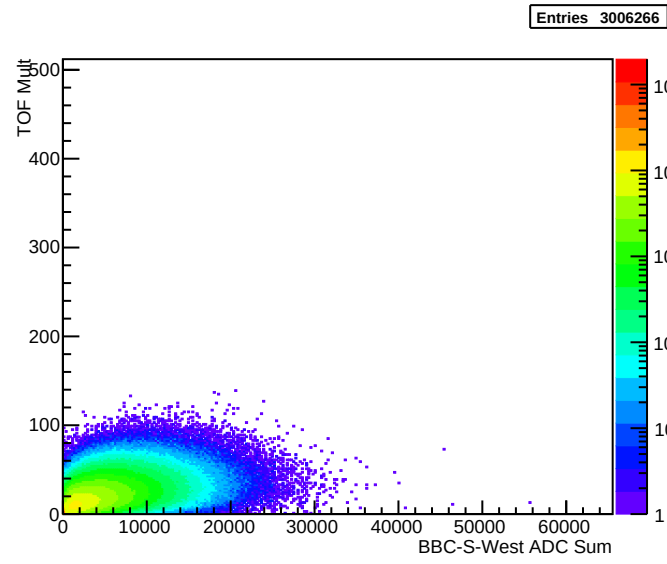
VT201 Input Ch4: VPD Adc Sum Th

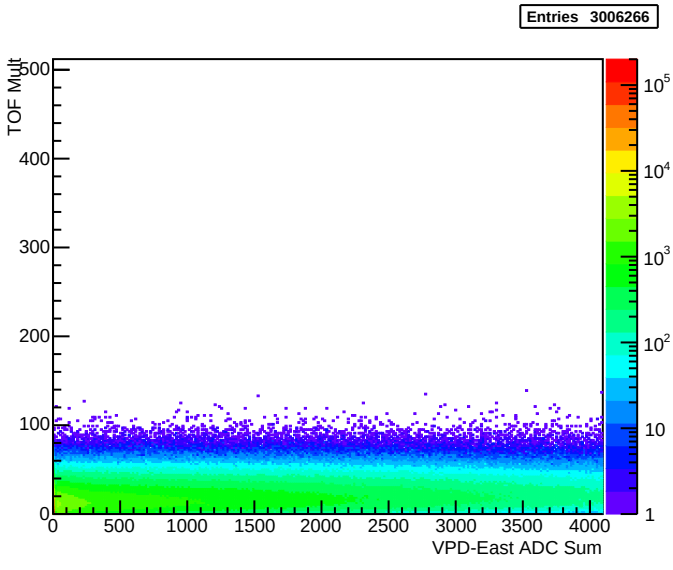


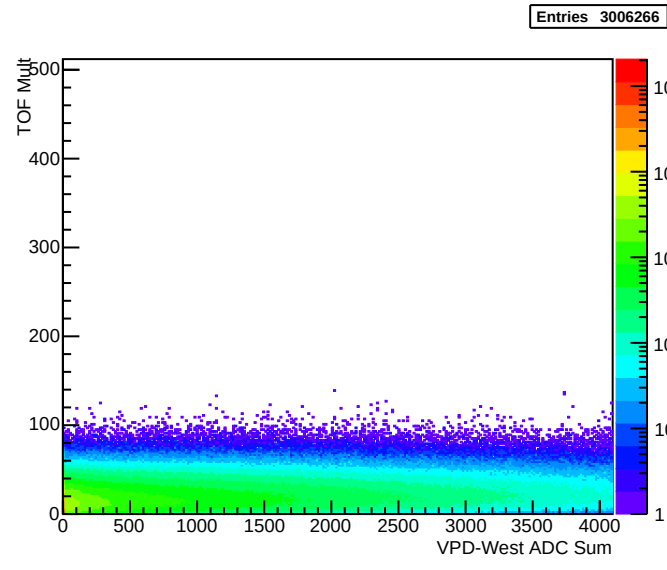
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

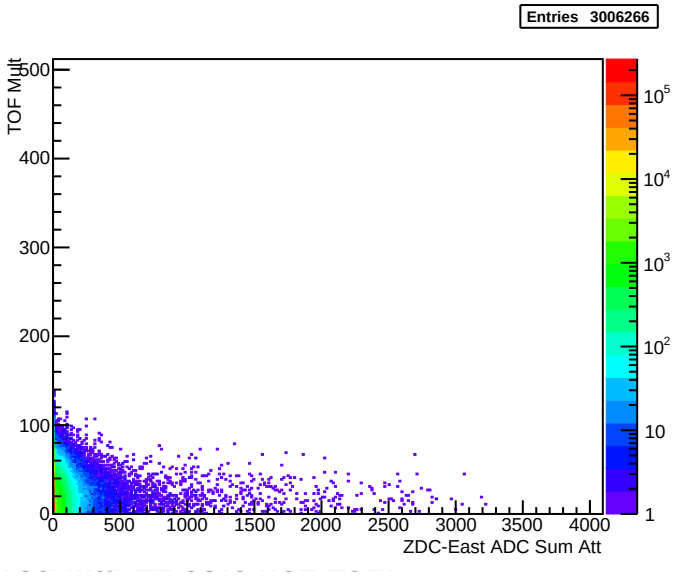


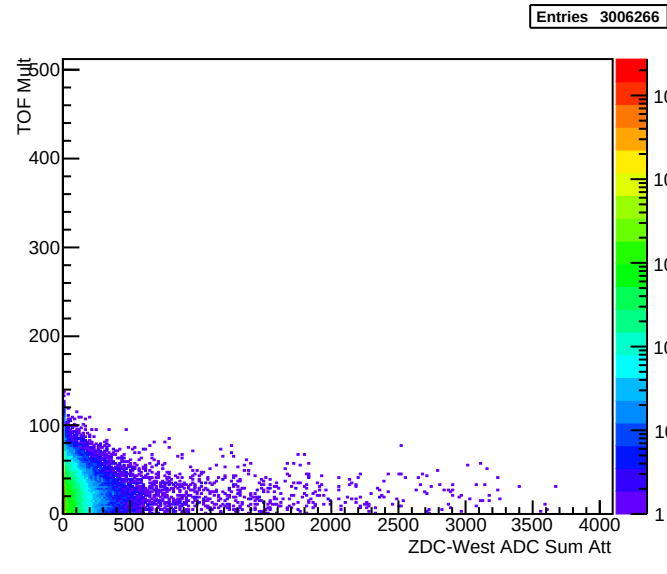

Entries 3006266
TOF Mult
BBC-S-East ADC Sum

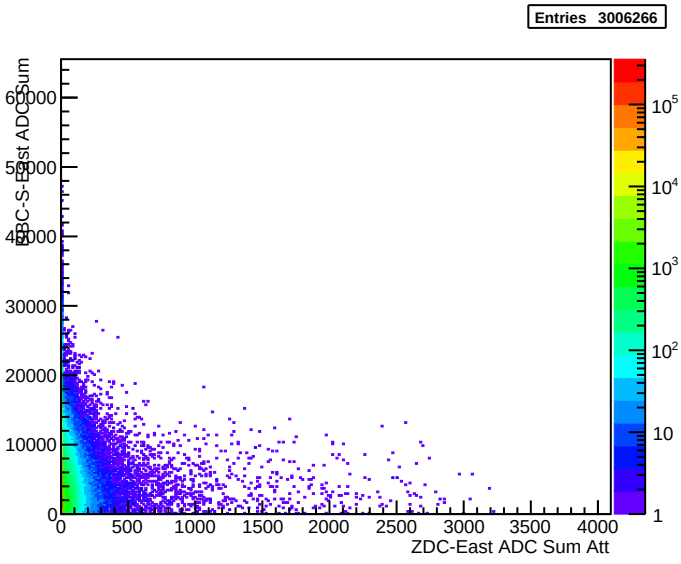

Entries 3006266
TOF Mult
BBC-S-West ADC Sum

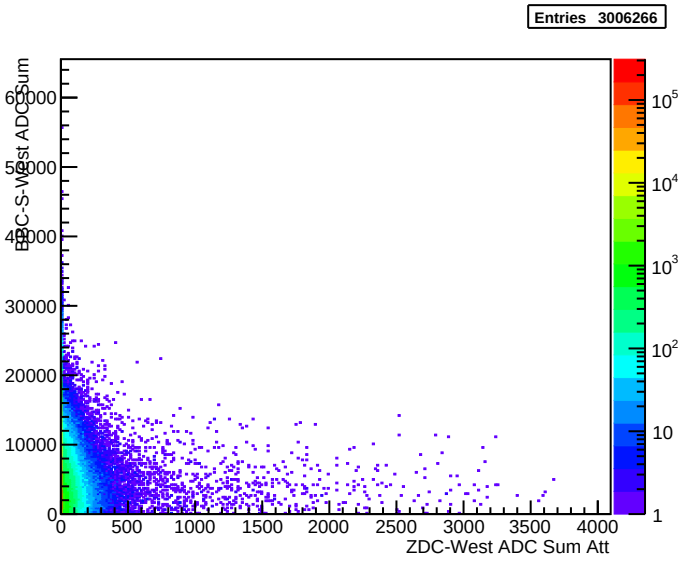

Entries 3006266
TOF Mult
VPD-East ADC Sum

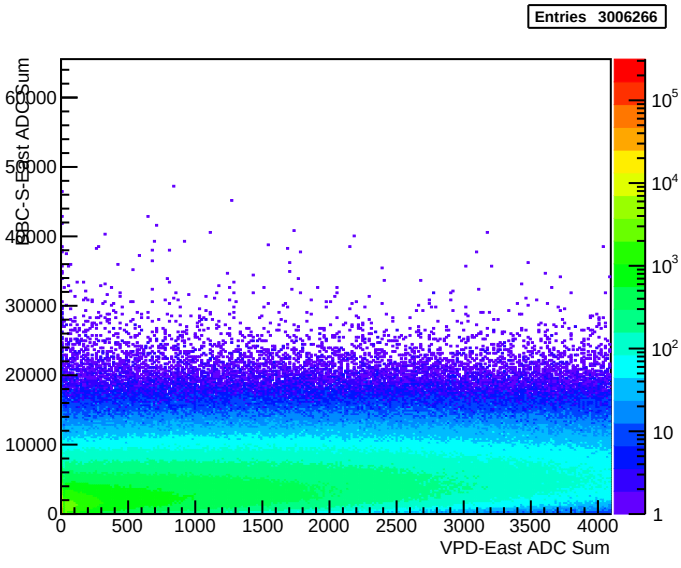

Entries 3006266
TOF Mult
VPD-West ADC Sum

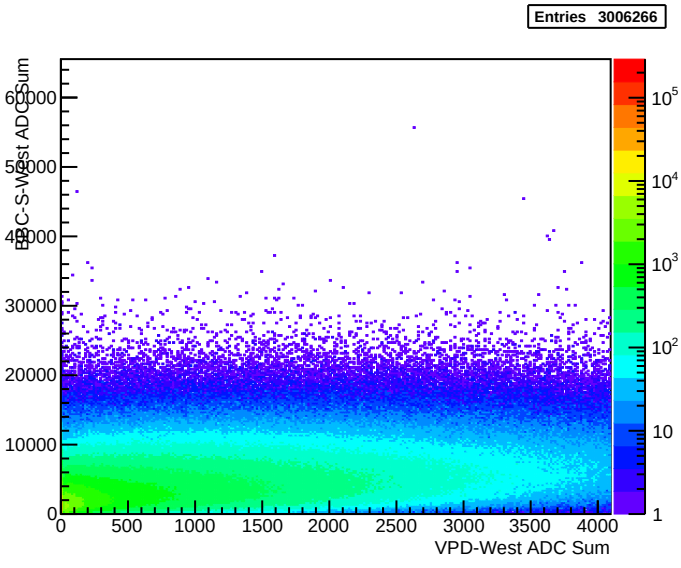

Entries 3006266
TOF Mult
ZDC-East ADC Sum Att

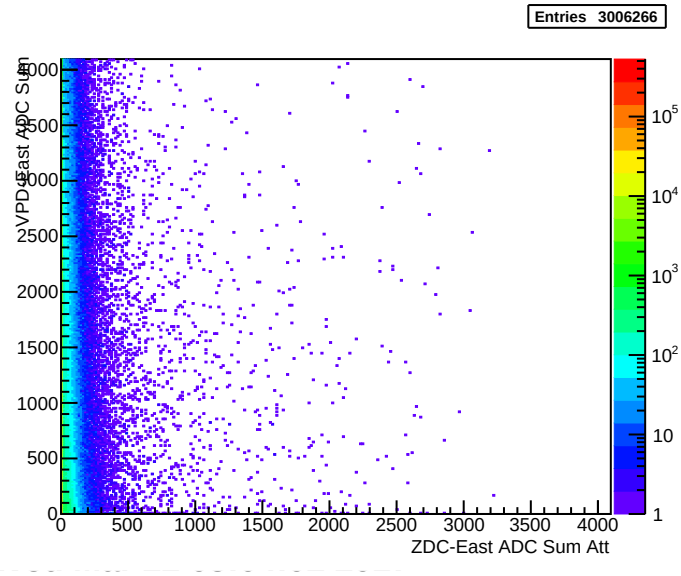

Entries 3006266
TOF Mult
ZDC-West ADC Sum Att

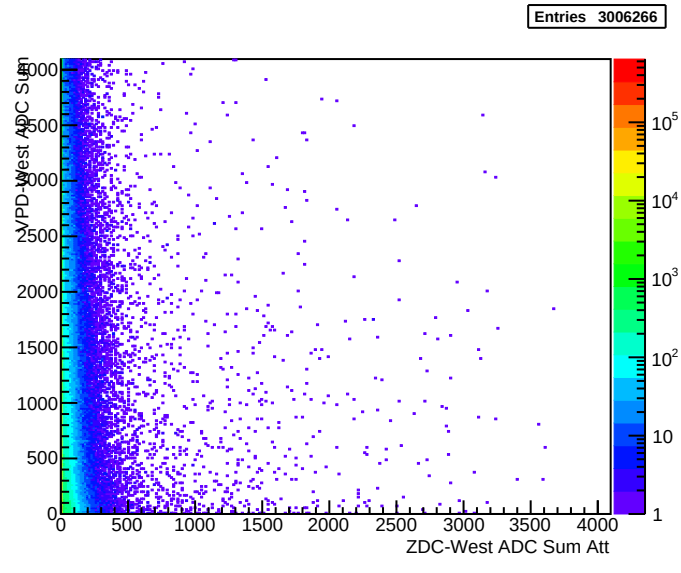

Entries 3006266
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

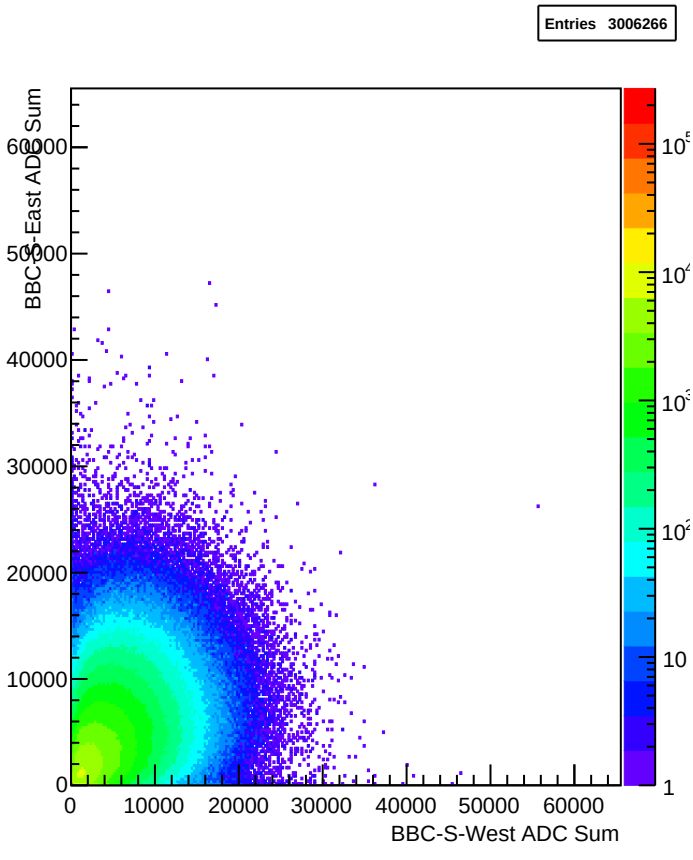

Entries 3006266
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

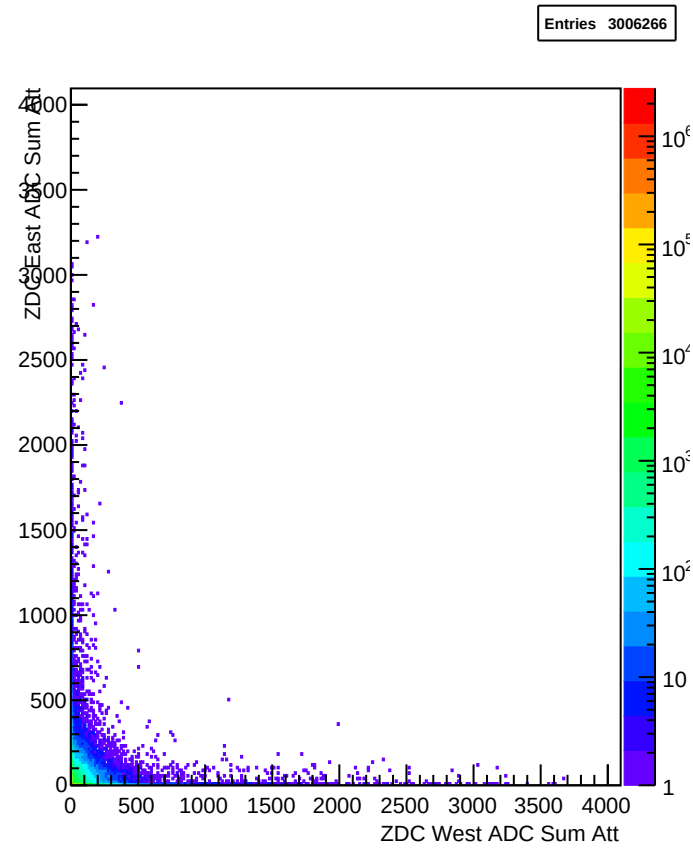

Entries 3006266
BBC-S-East ADC Sum
VPD-East ADC Sum

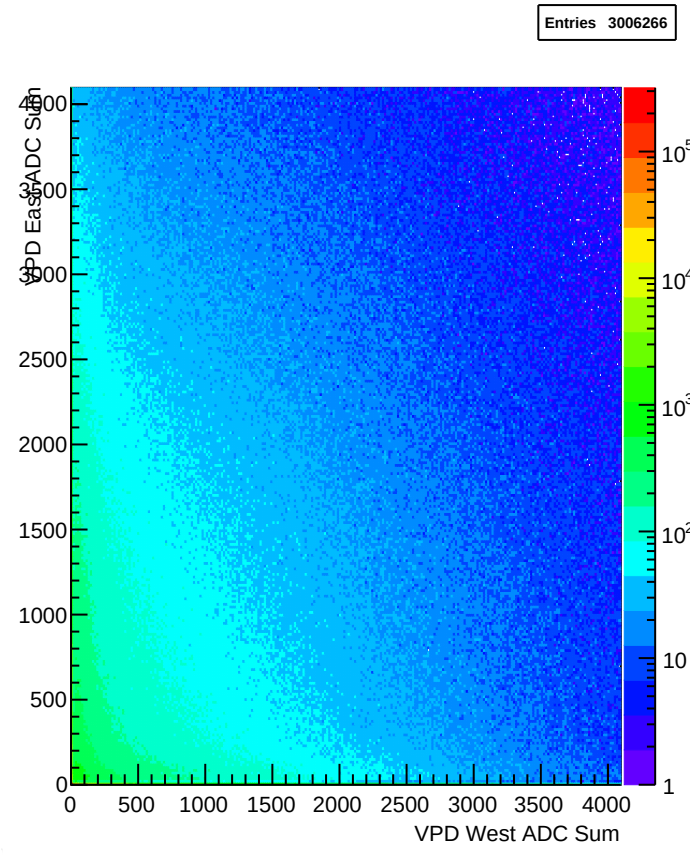

Entries 3006266
BBC-S-West ADC Sum
VPD-West ADC Sum

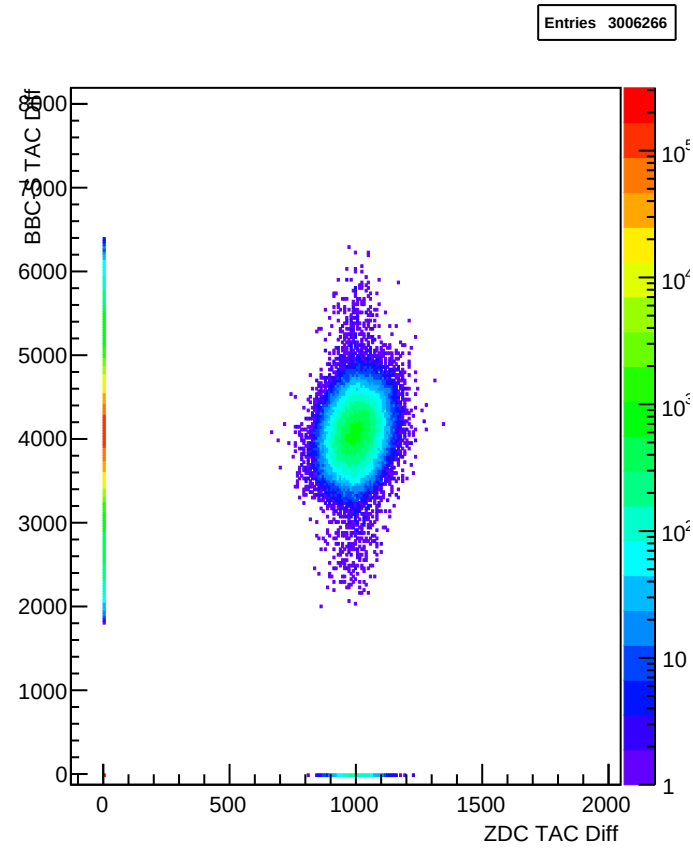

Entries 3006266
VPD-East ADC Sum
ZDC-East ADC Sum Att

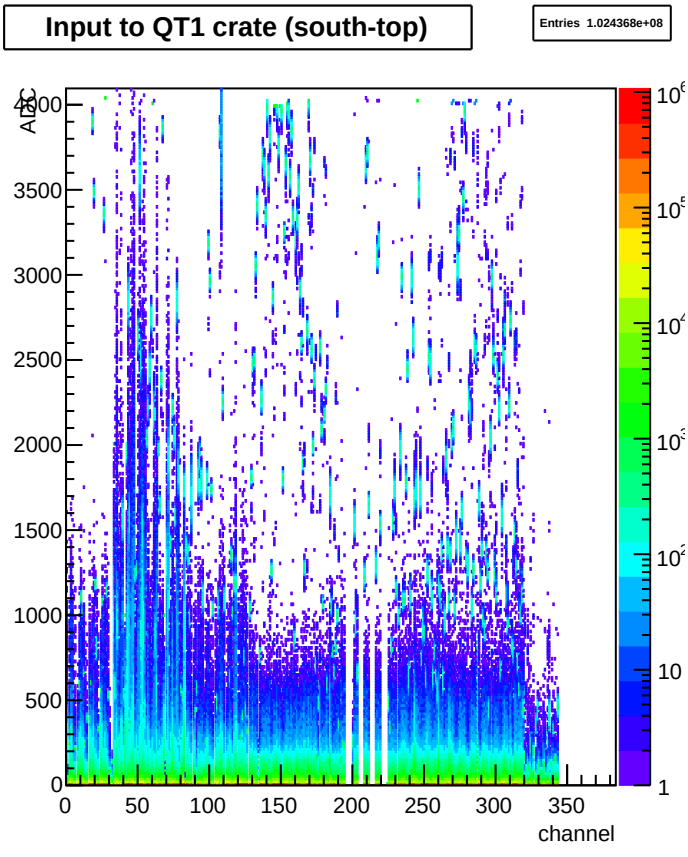

Entries 3006266
VPD-West ADC Sum
ZDC-West ADC Sum Att

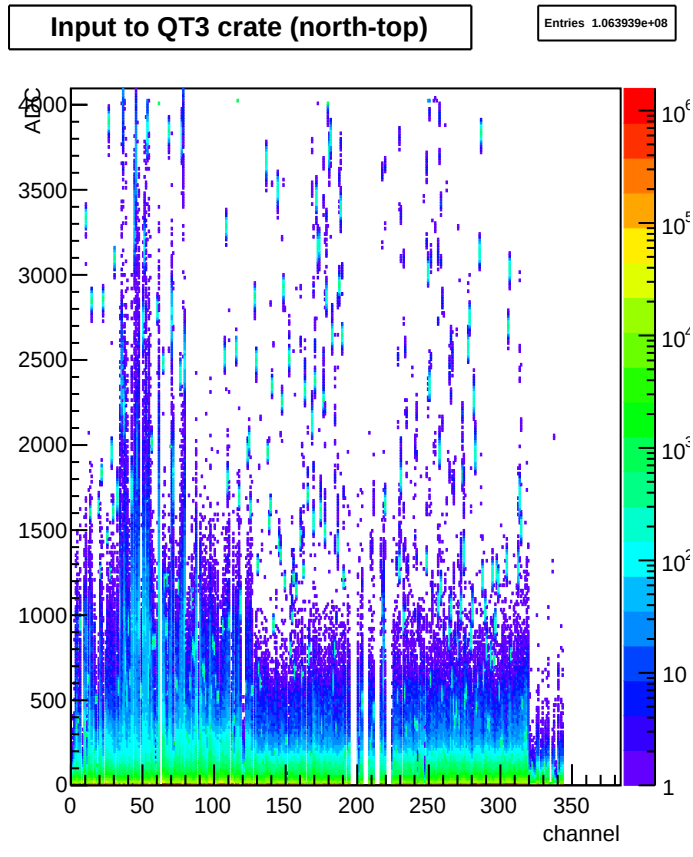

Entries 3006266
BBC-S-East ADC Sum
BBC-S-West ADC Sum

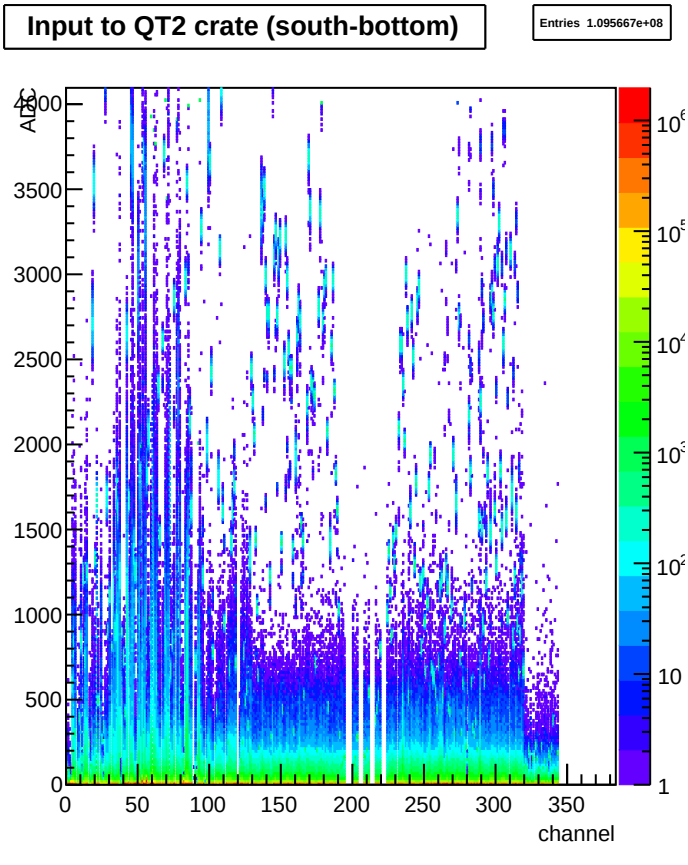

Entries 3006266
ZDC East ADC Sum Att
ZDC West ADC Sum Att

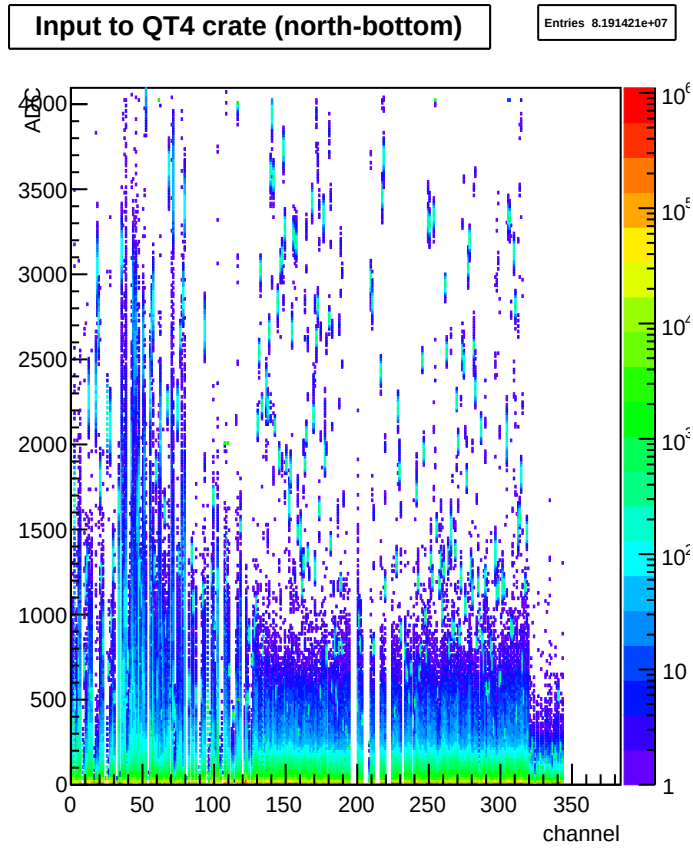

Entries 3006266
VPD East ADC Sum
VPD West ADC Sum

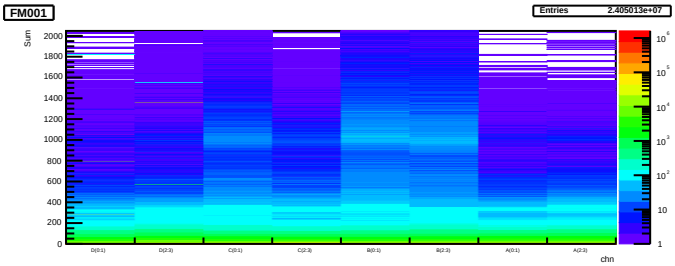

Entries 3006266
BBC-S TAC Diff
ZDC TAC Diff

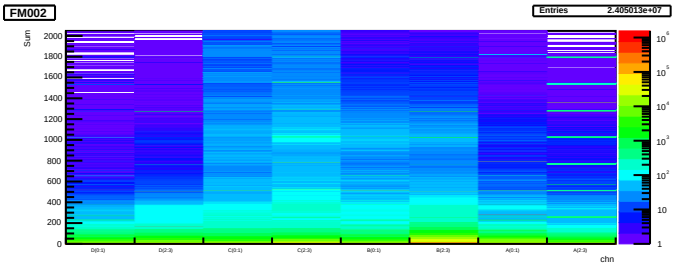

Input to QT1 crate (south-top)
Entries 1.024368e+08
ADC
channel

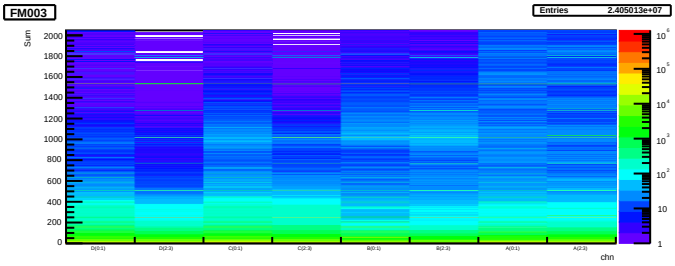

Input to QT3 crate (north-top)
Entries 1.063939e+08
ADC
channel

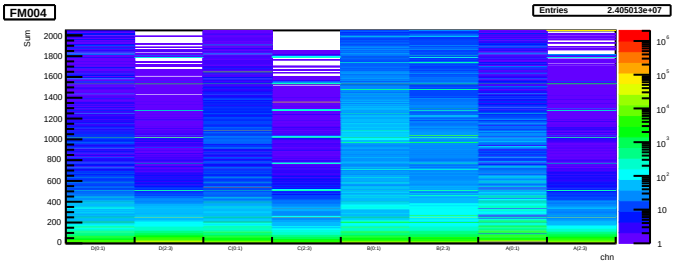

Input to QT2 crate (south-bottom)
Entries 1.095667e+08
ADC
channel

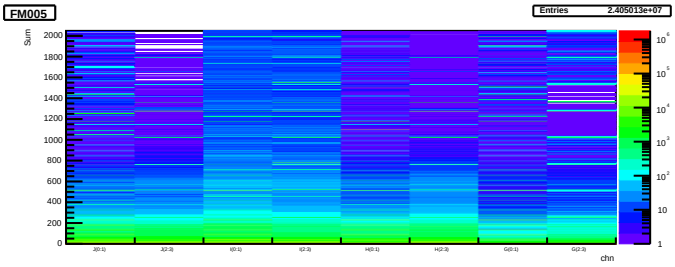

Input to QT4 crate (north-bottom)
Entries 8.191421e+07
ADC
channel

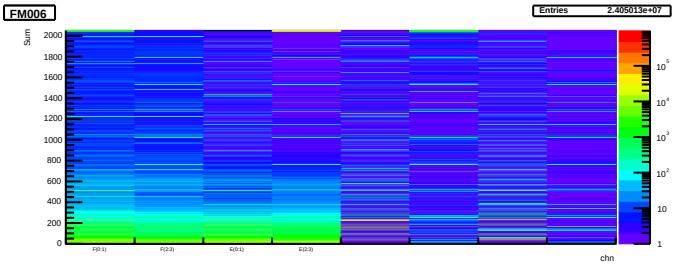

FM001
Entries 2.405013e+07
Sum
chn

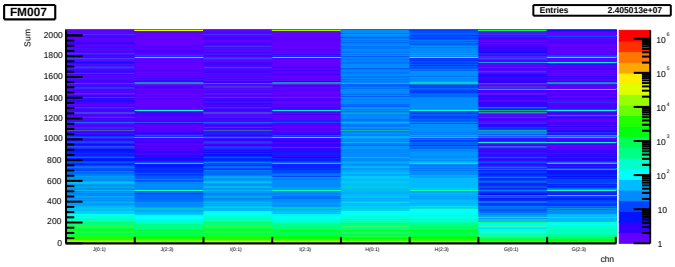

FM002
Entries 2.405013e+07
Sum
chn

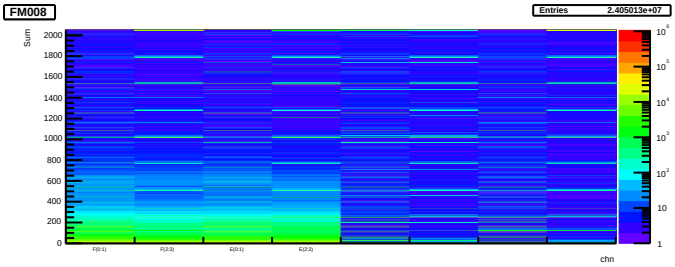

FM003
Entries 2.405013e+07
Sum
chn


FM004
Entries 2.405013e+07
Sum
chn


FM005
Entries 2.405013e+07
Sum
chn


FM006
Entries 2.405013e+07
Sum
chn


FM007
Entries 2.405013e+07
Sum
chn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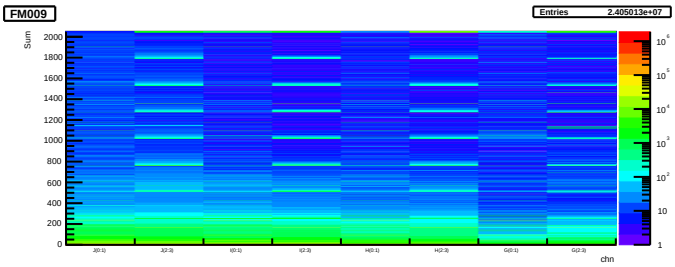
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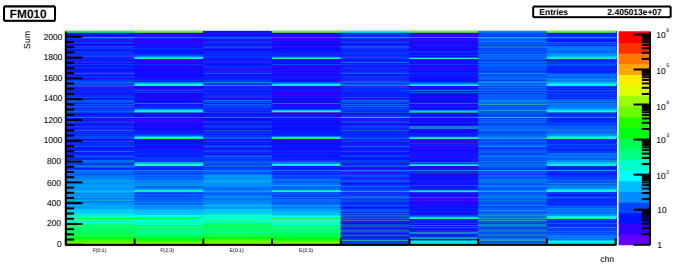
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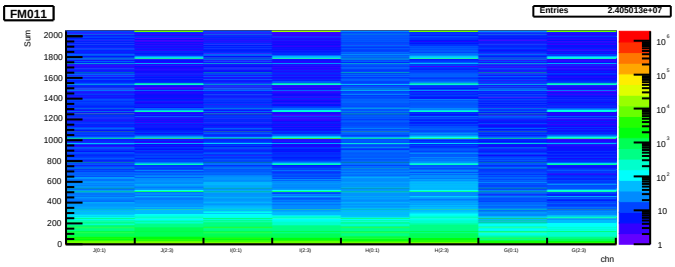
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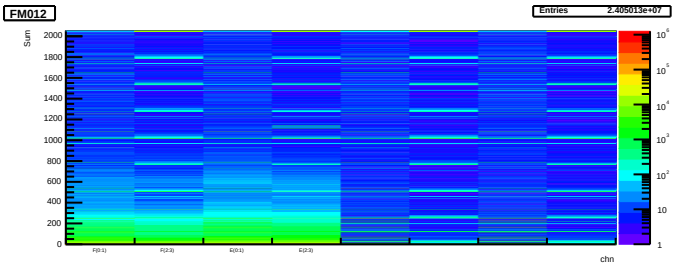
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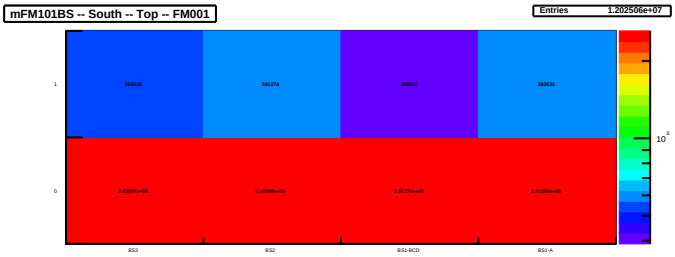
mFM101BS -- South -- Top -- FM001
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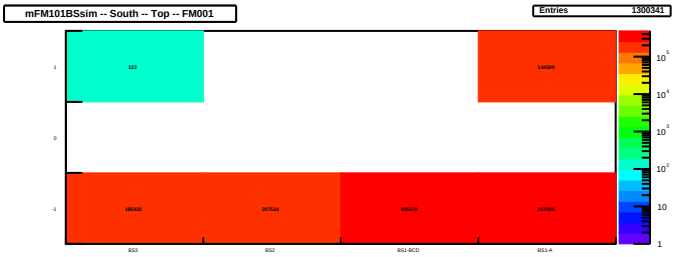
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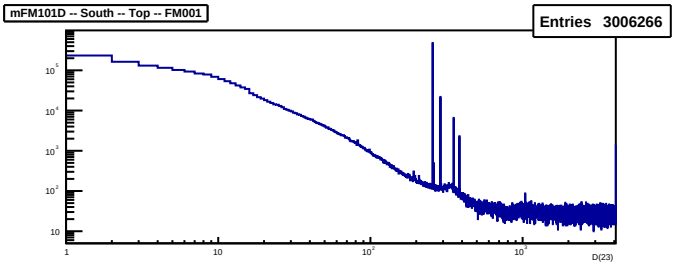
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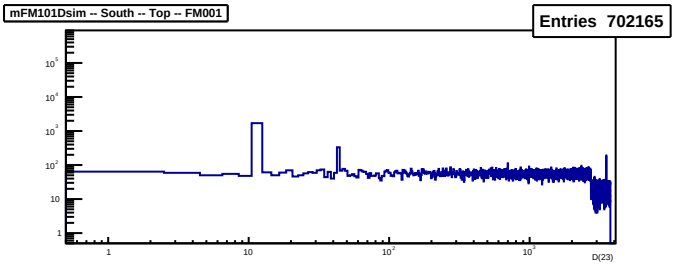
Entries 3006266
D(23)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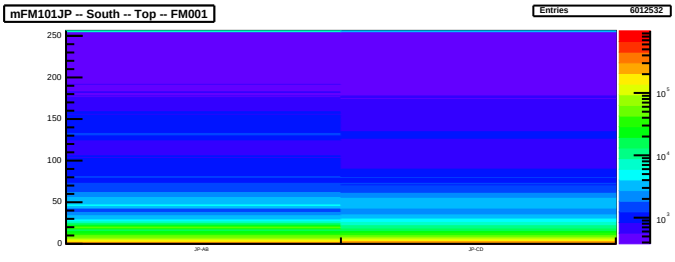
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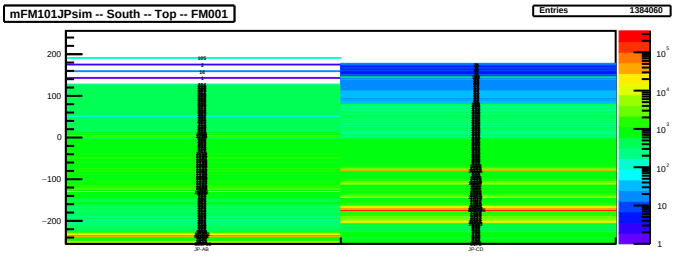
Entries 6012532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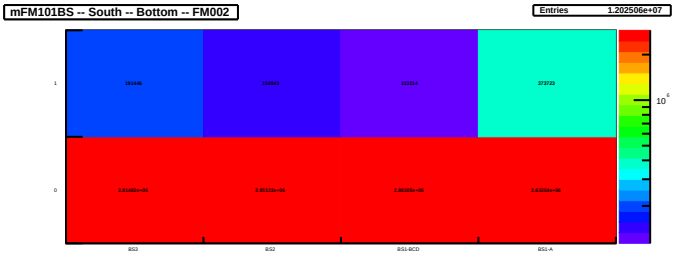
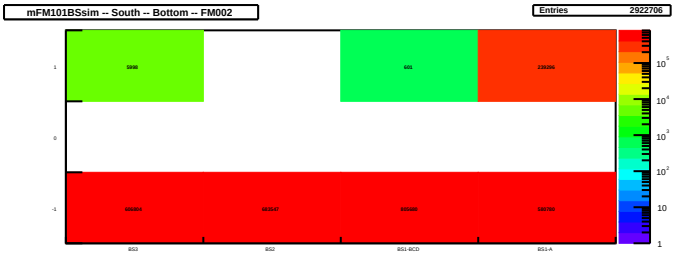

mFM101BS -- South -- Bottom -- FM002
Entries 1.202506e+07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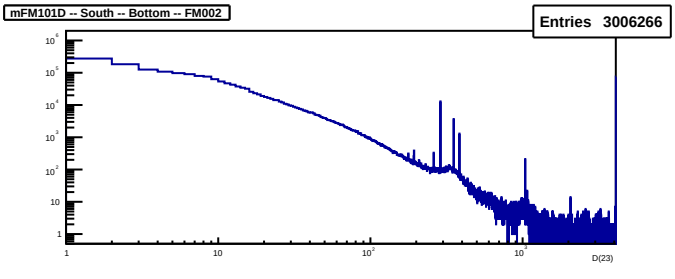
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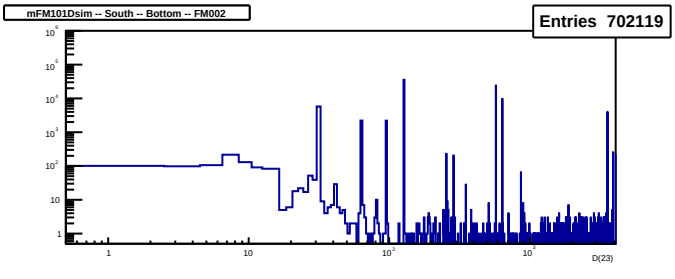
Entries 3006266
D(23)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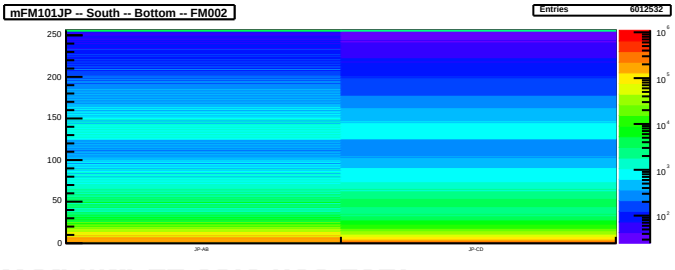
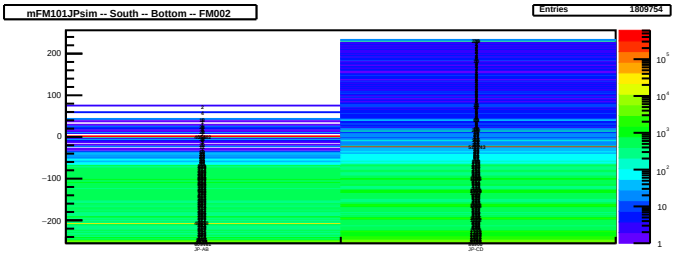

mFM101JP -- South -- Bottom -- FM002
Entries 6012532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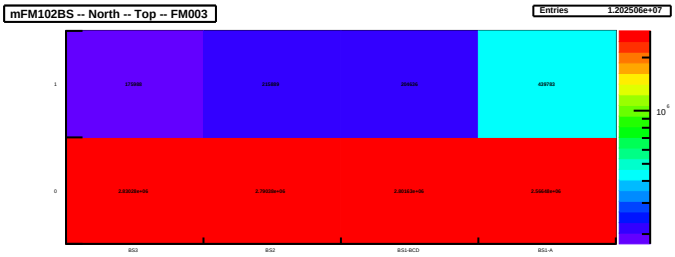
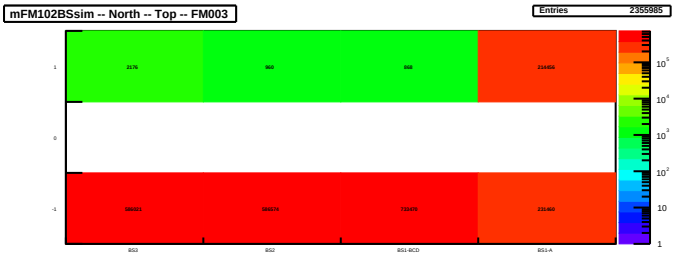

mFM102BS -- North -- Top -- FM003
Entries 1.202506e+07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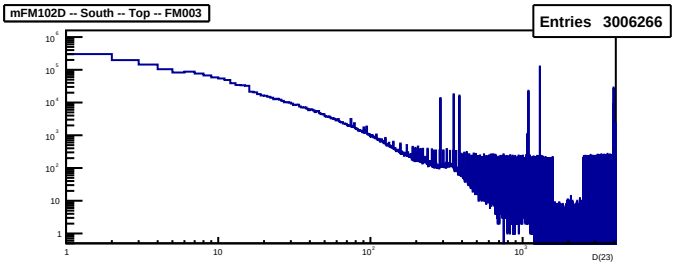
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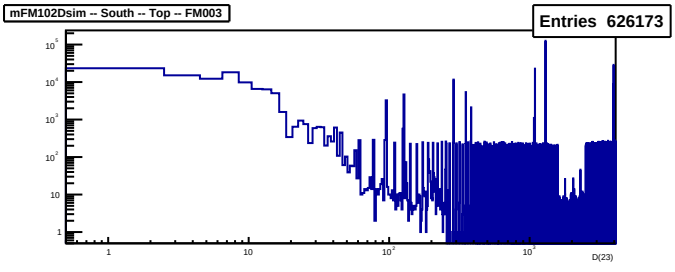
Entries 3006266
D(23)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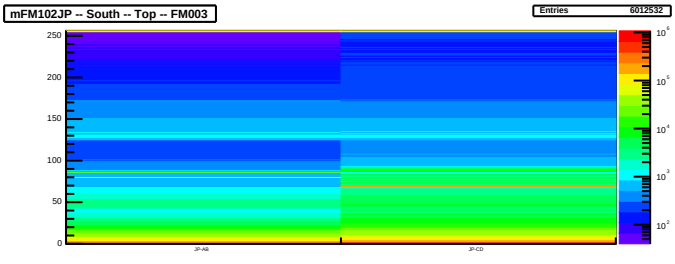
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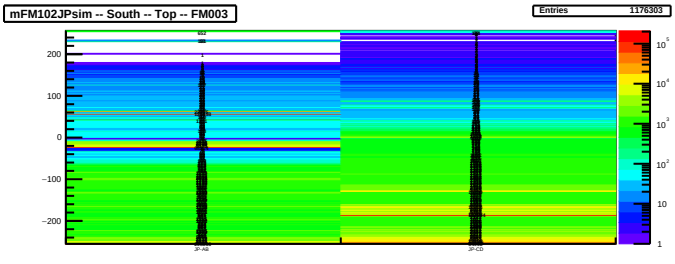
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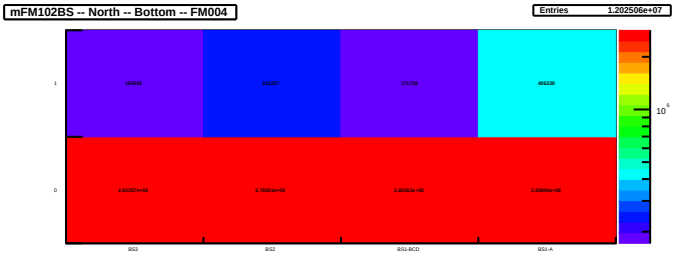
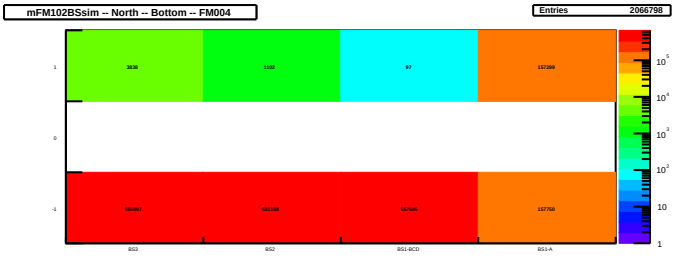

mFM102BS -- North -- Bottom -- FM004
Entries 1.202506e+07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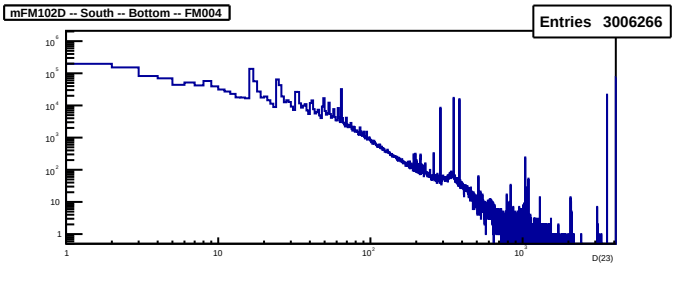
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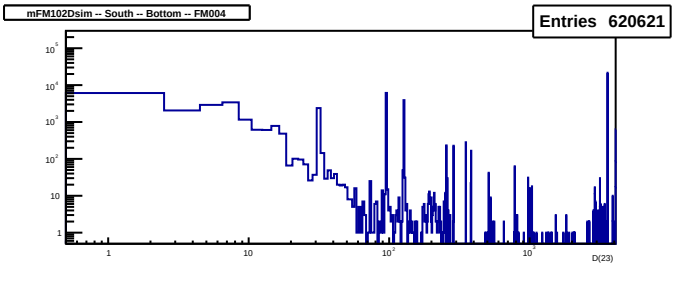
Entries 3006266
D(23)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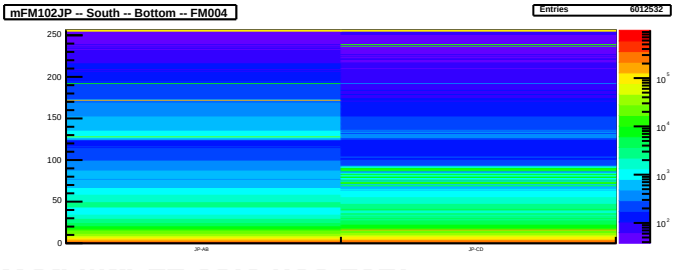
D(23)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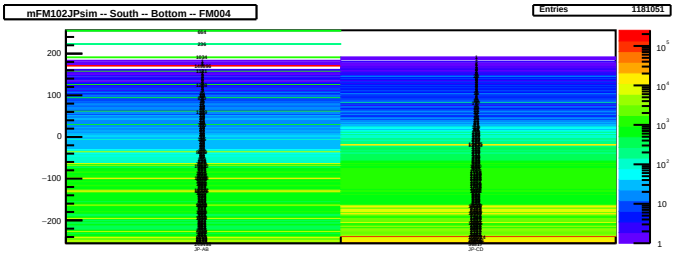
Entries 6012532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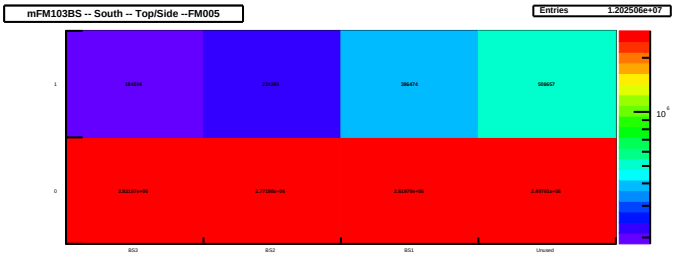
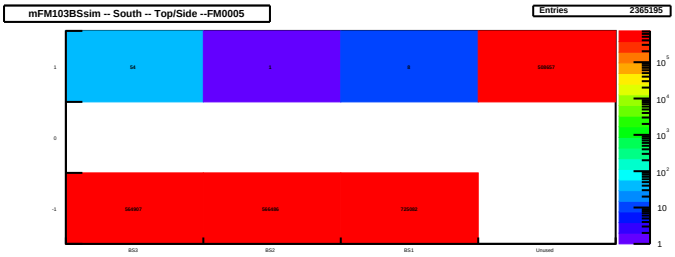

mFM103BS -- South -- Top/Side --FM005
Entries 1.202506e+07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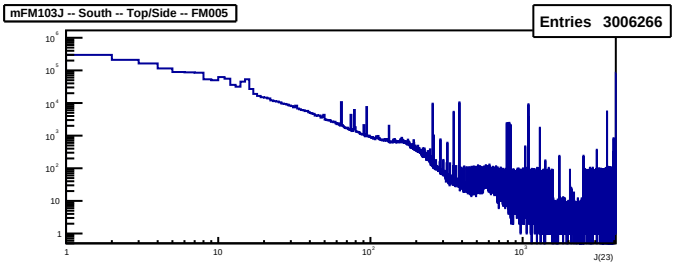
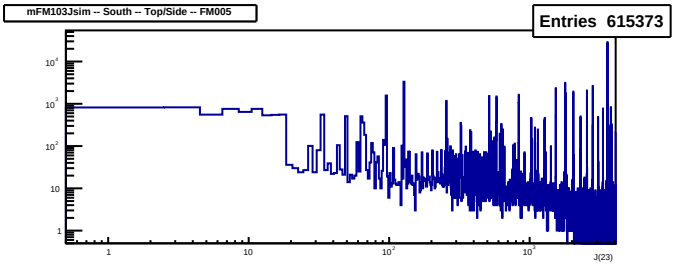

mFM103J -- South -- Top/Side -- FM005
Entries 3006266
J(23)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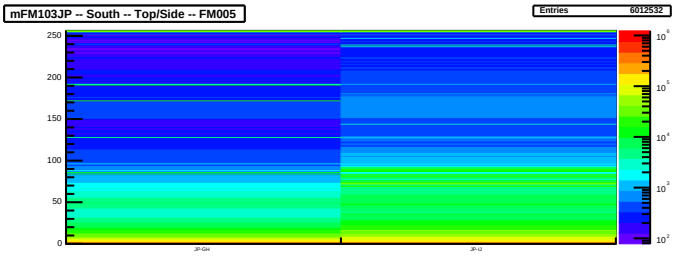
J(23)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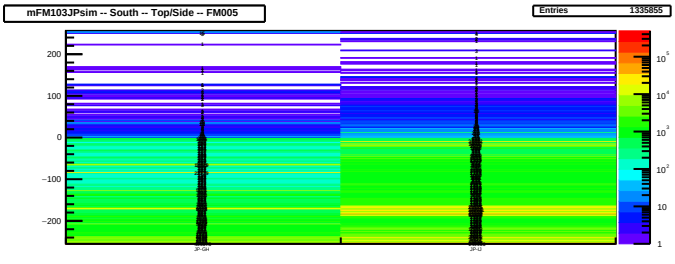
Entries 6012532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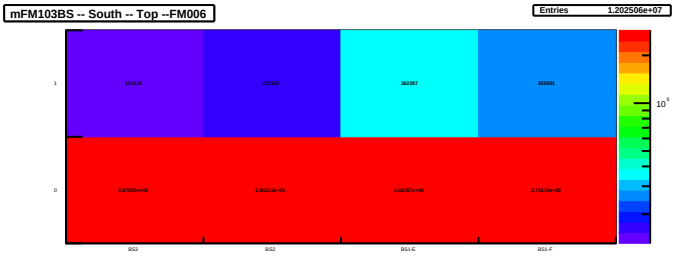
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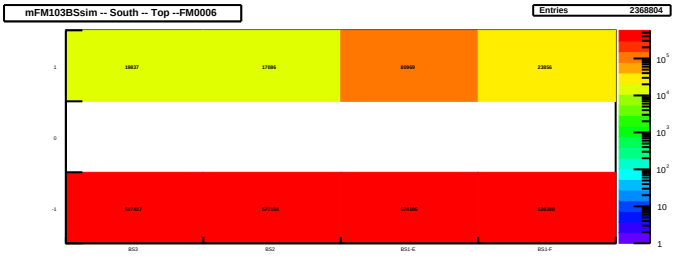
Entries 1.202506e+07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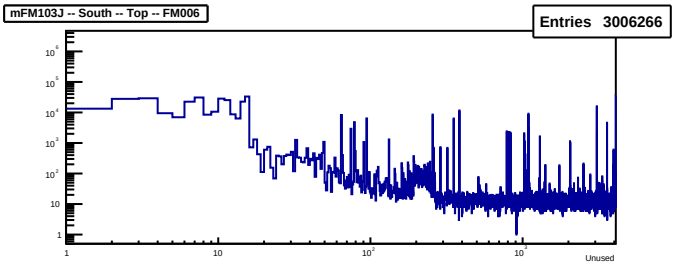
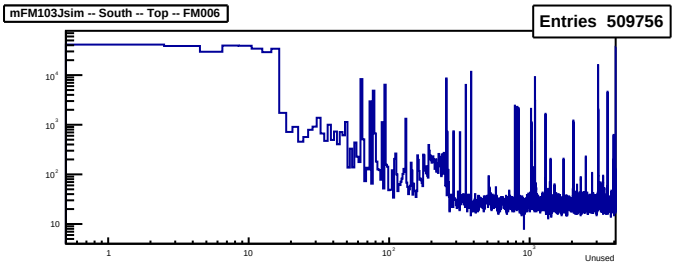
Entries 2368804


mFM103J -- South -- Top -- FM006
Entries 3006266
Unused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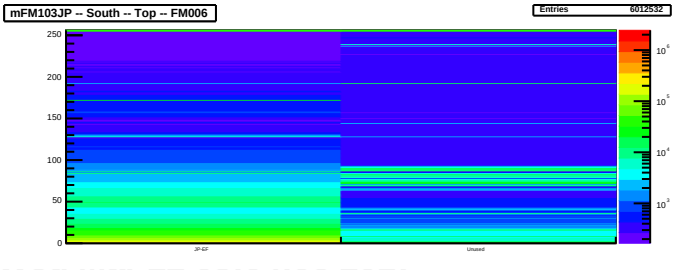
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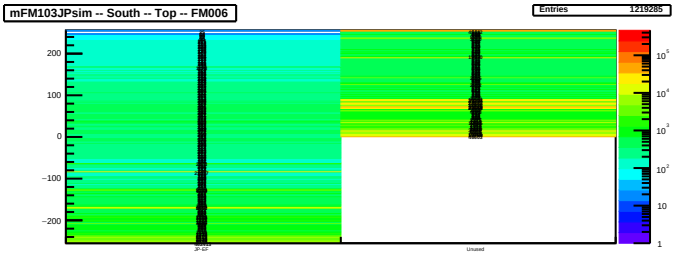
Entries 6012532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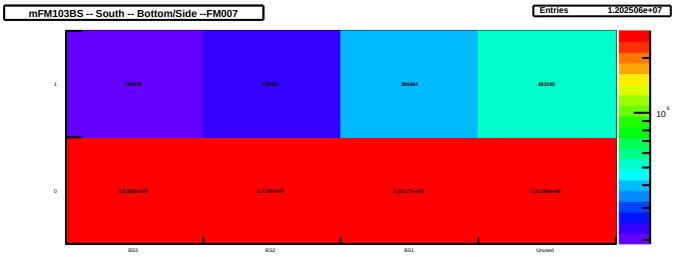
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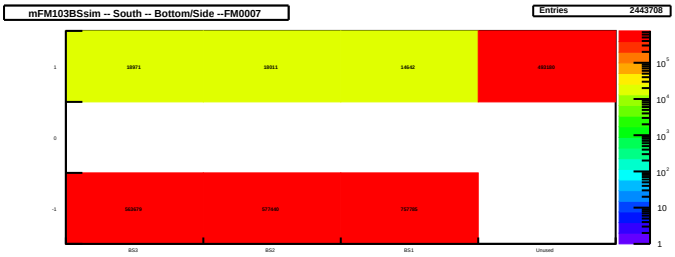
Entries 1.202506e+07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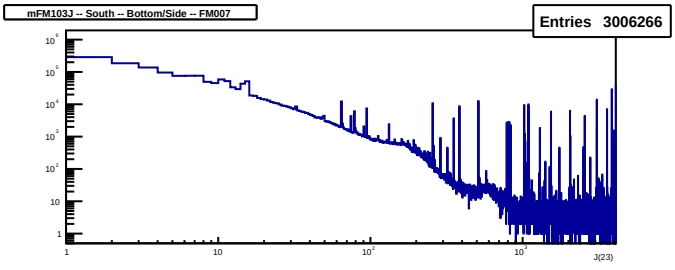
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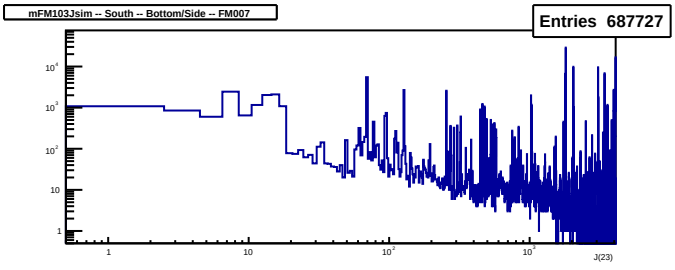
Entries 3006266
J(23)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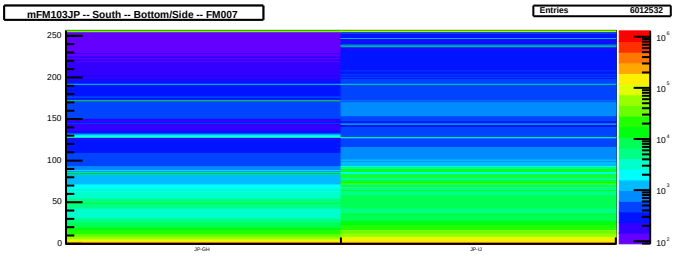
J(23)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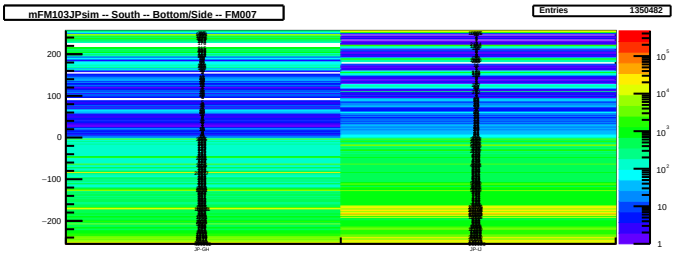
Entries 6012532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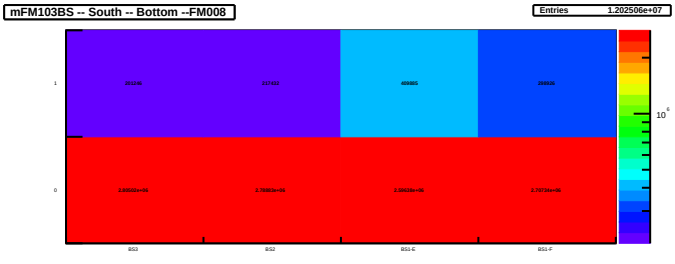
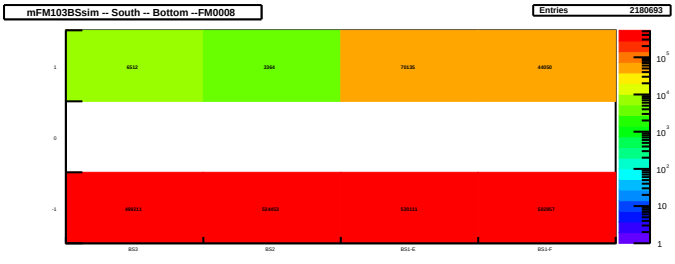

mFM103BS -- South -- Bottom --FM008
Entries 1.202506e+07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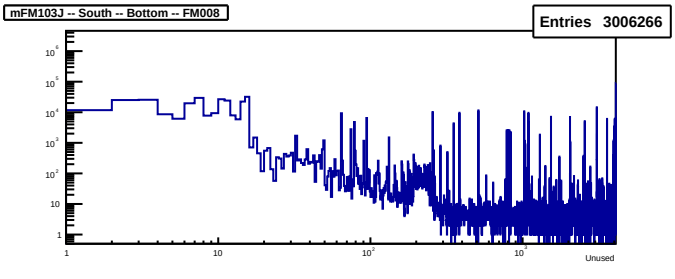
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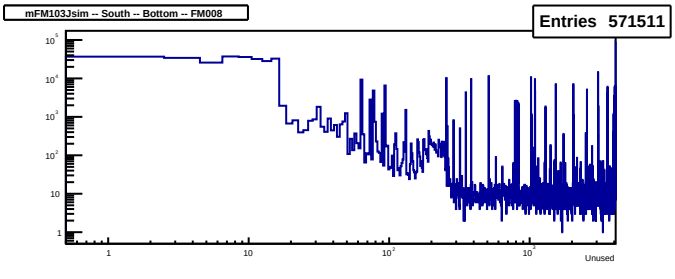
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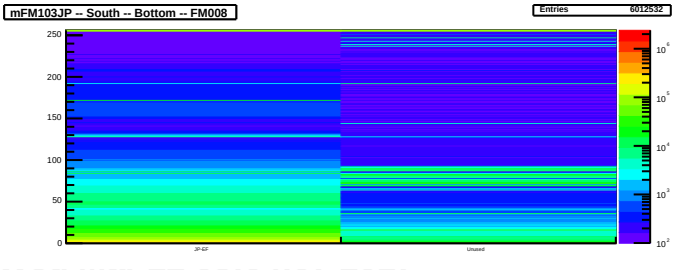
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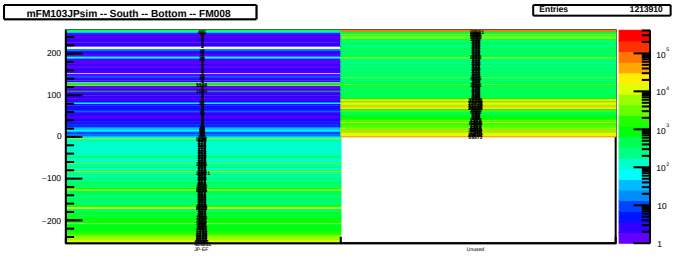
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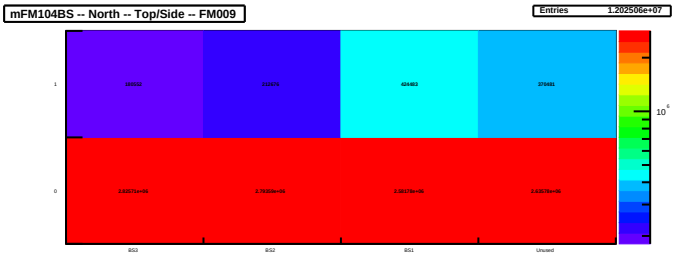
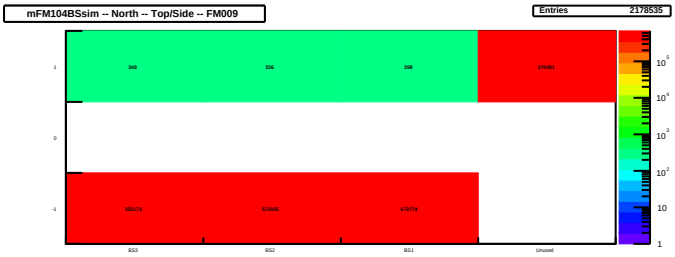
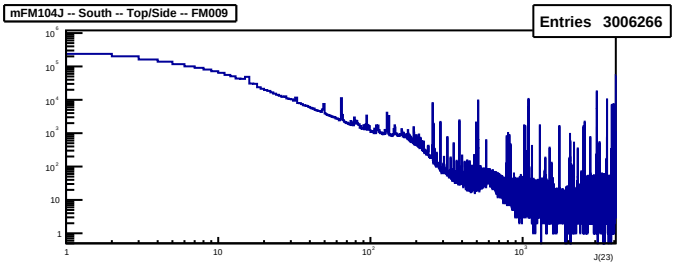
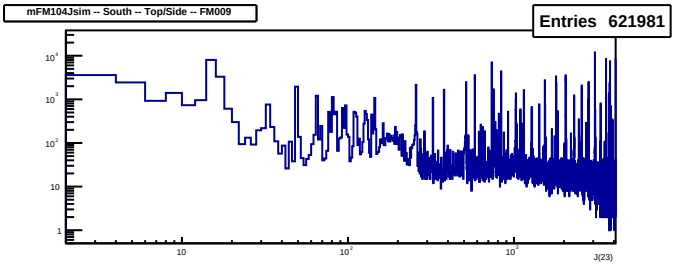

mFM104BS -- North -- Top/Side -- FM009
Entries 1.202506e+07


mFM104BSsim -- North -- Top/Side -- FM009
Entries 2178535


mFM104J -- South -- Top/Side -- FM009
Entries 3006266
J(23)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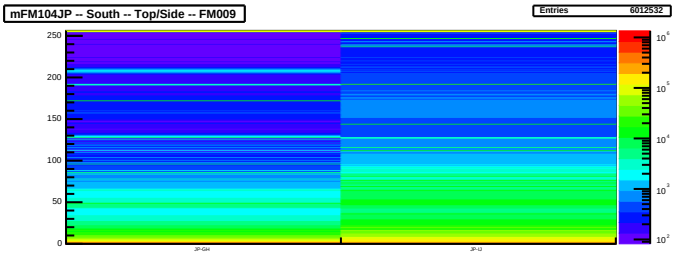
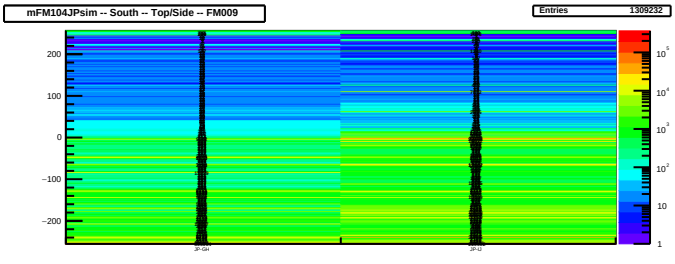
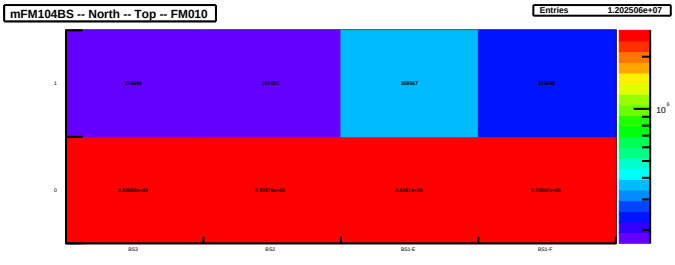
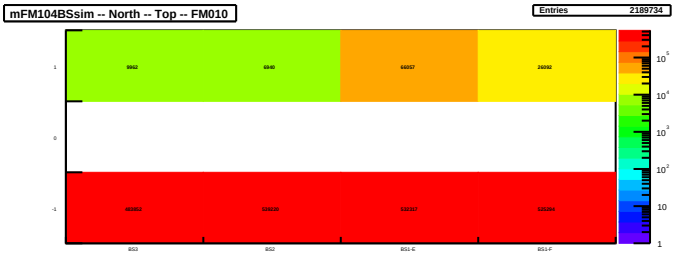
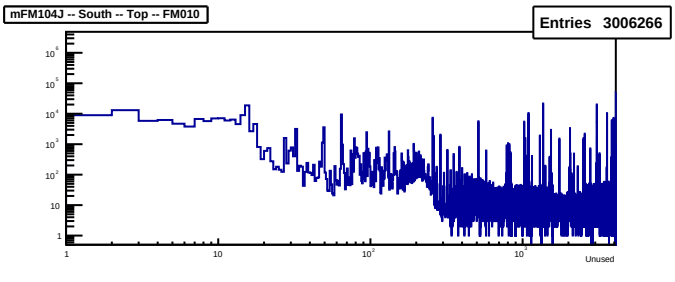
Entries 621981
J(23)

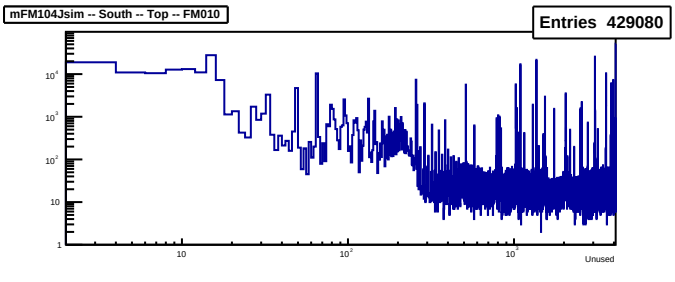

mFM104JP -- South -- Top/Side -- FM009
Entries 6012532

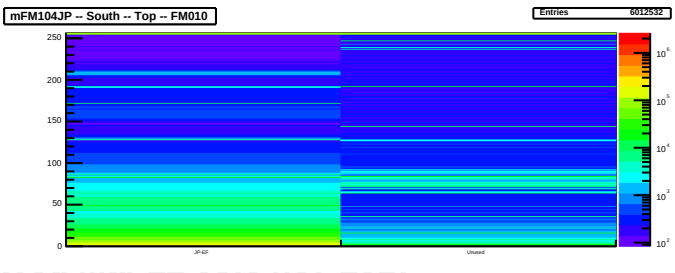

mFM104JPsim -- South -- Top/Side -- FM009
Entries 1309232

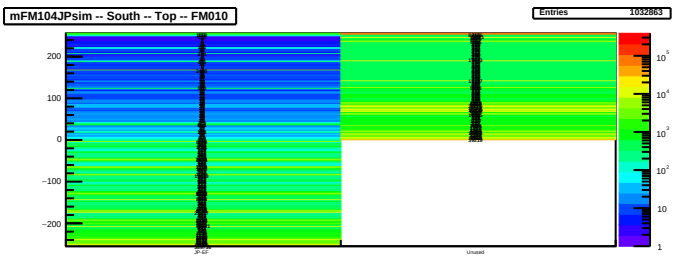

mFM104BS -- North -- Top -- FM010
Entries 1.202506e+07

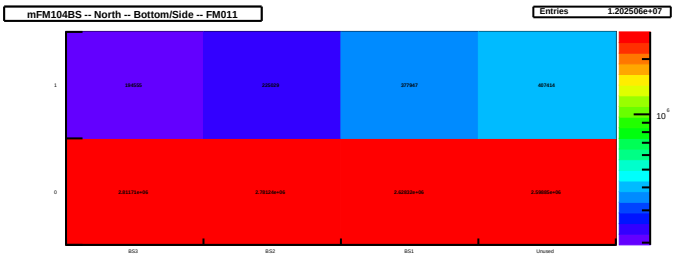

mFM104BSsim -- North -- Top -- FM010
Entries 2189734

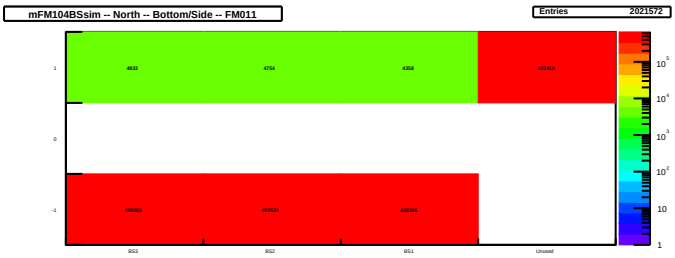

mFM104J -- South -- Top -- FM010
Entries 3006266
Unused

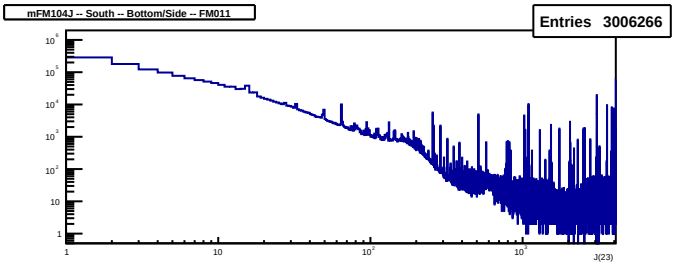

mFM104Jsim -- South -- Top -- FM010
Entries 429080
Unused

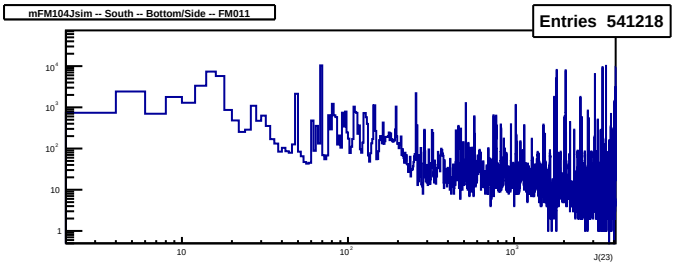

mFM104JP -- South -- Top -- FM010
Entries 6012532

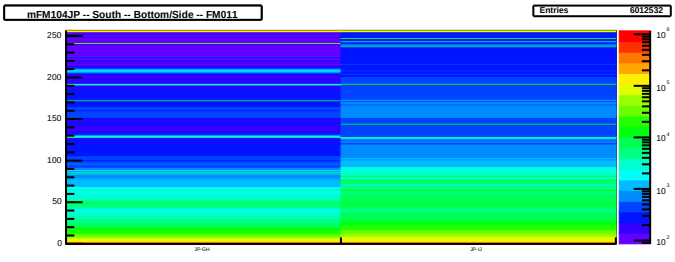

mFM104JPsim -- South -- Top -- FM010
Entries 1032863

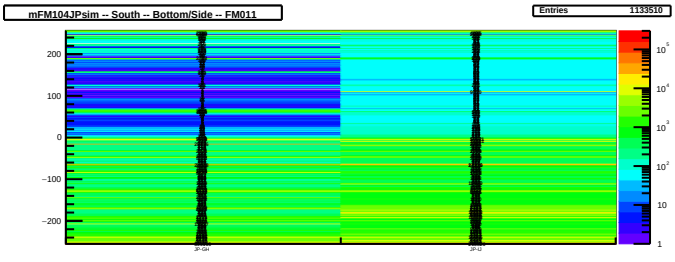

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.202506e+07

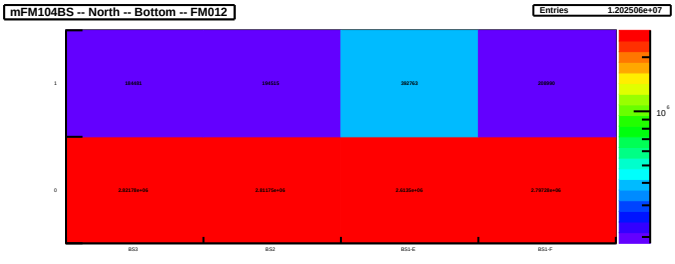

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 2021572

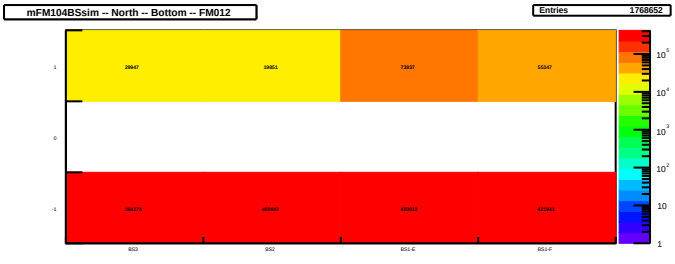

mFM104J -- South -- Bottom/Side -- FM011
Entries 3006266
J(23)

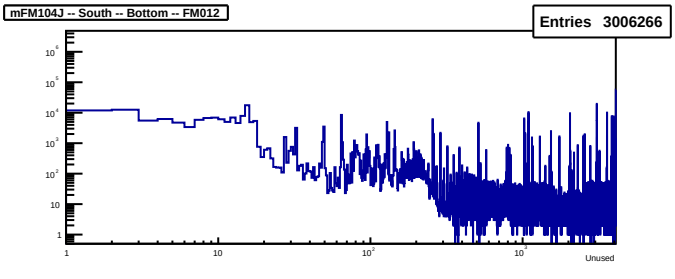

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 541218
J(23)

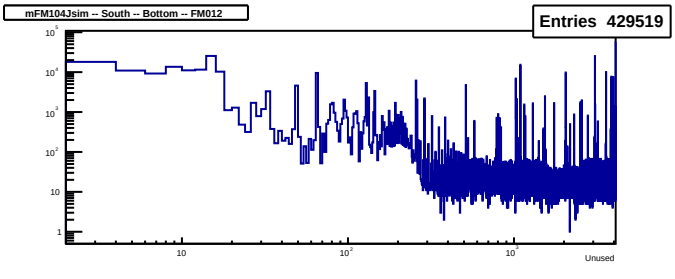

mFM104JP -- South -- Bottom/Side -- FM011
Entries 6012532

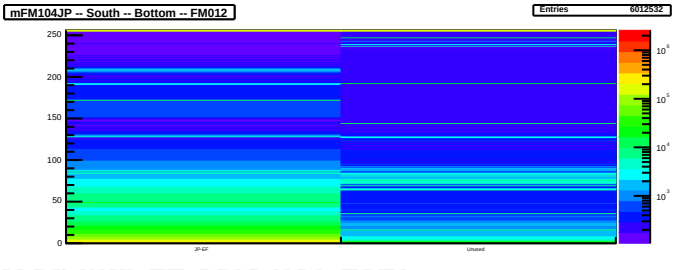

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 1133510

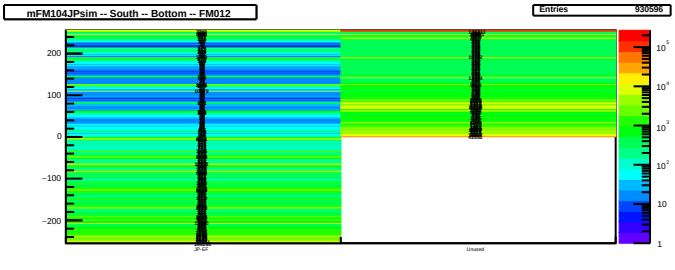

mFM104BS -- North -- Bottom -- FM012
Entries 1.202506e+07

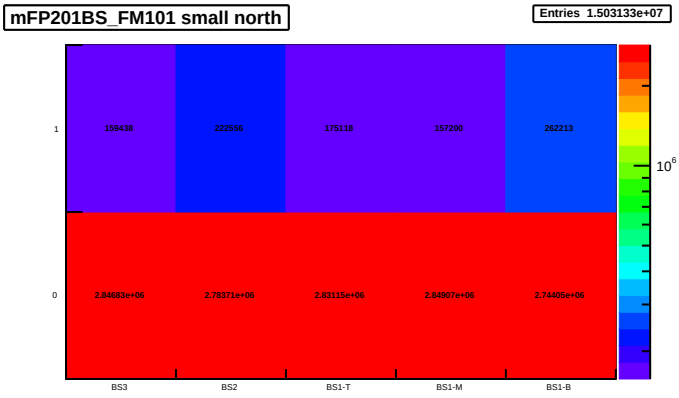

mFM104BSsim -- North -- Bottom -- FM012
Entries 1768652

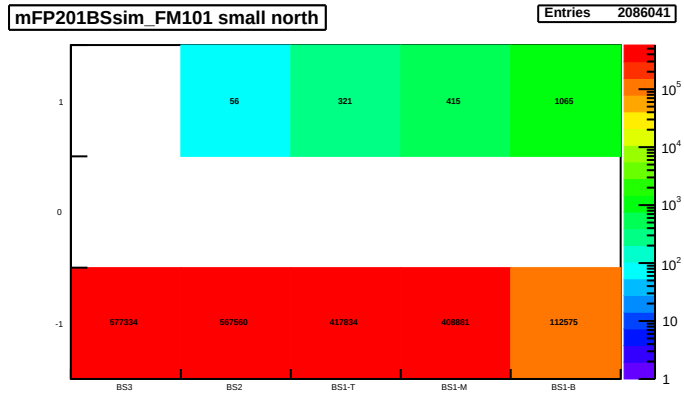

mFM104J -- South -- Bottom -- FM012
Entries 3006266
Unused

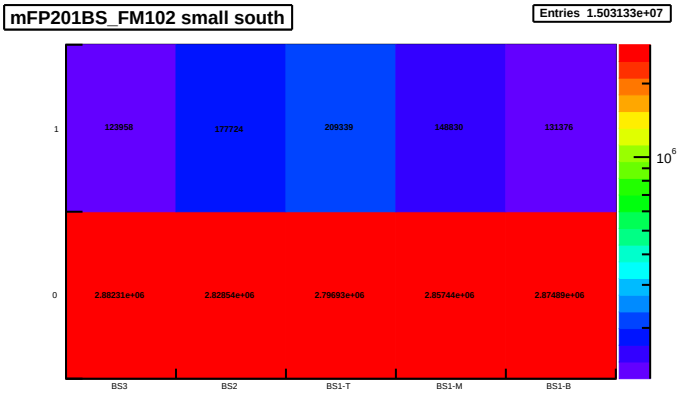

mFM104Jsim -- South -- Bottom -- FM012
Entries 429519
Unused

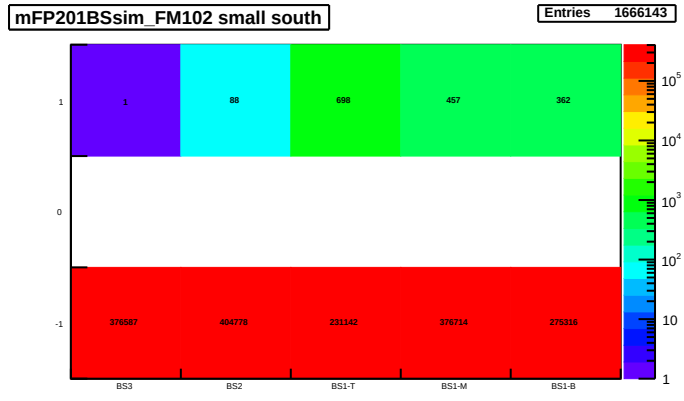

mFM104JP -- South -- Bottom -- FM012
Entries 6012532

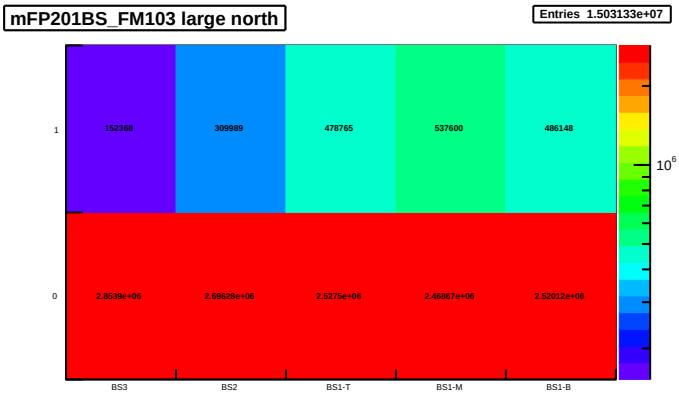

mFM104JPsim -- South -- Bottom -- FM012
Entries 930596

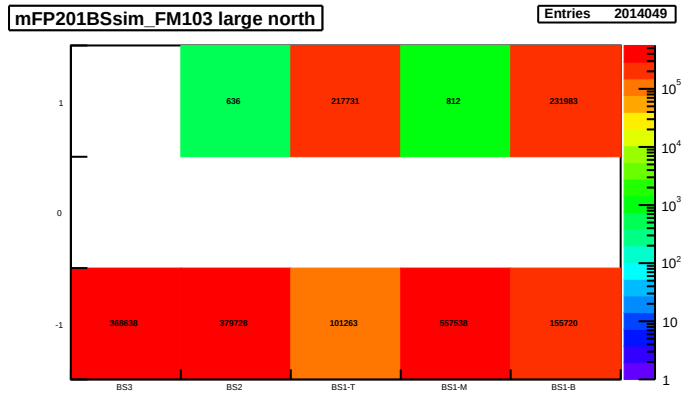

mFP201BS_FM101 small north
Entries 1.503133e+07
159438
222556
175118
157200
262213
2.84683e+06
2.78371e+06
2.83115e+06
2.84907e+06
2.74405e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

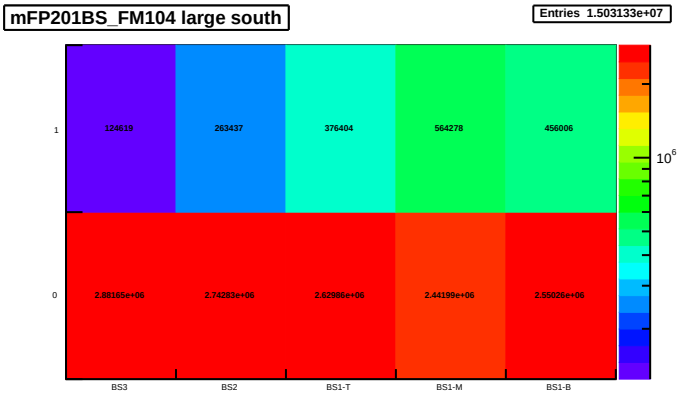

mFP201BSsim_FM101 small north
Entries 2086041
56
321
415
1065
577334
567560
417834
408881
112575
BS3
BS2
BS1-T
BS1-M
BS1-B

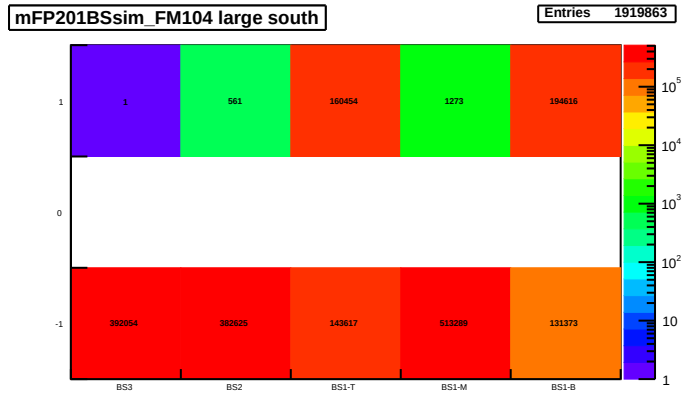

mFP201BS_FM102 small south
Entries 1.503133e+07
123958
177724
209339
148830
131376
2.88231e+06
2.82854e+06
2.79693e+06
2.85744e+06
2.87489e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

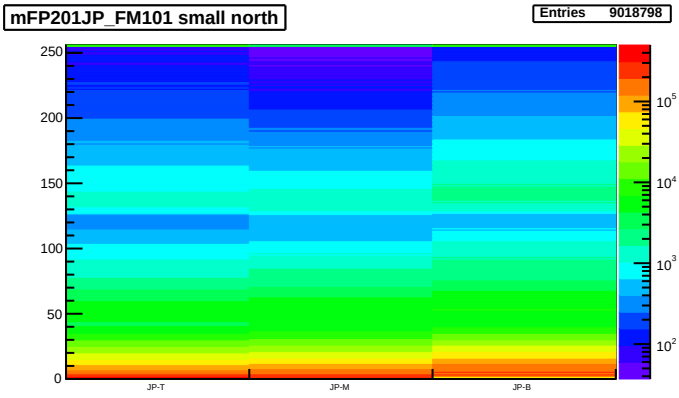

mFP201BSsim_FM102 small south
Entries 1666143
1
88
698
457
362
376587
404778
231142
376714
275316
BS3
BS2
BS1-T
BS1-M
BS1-B

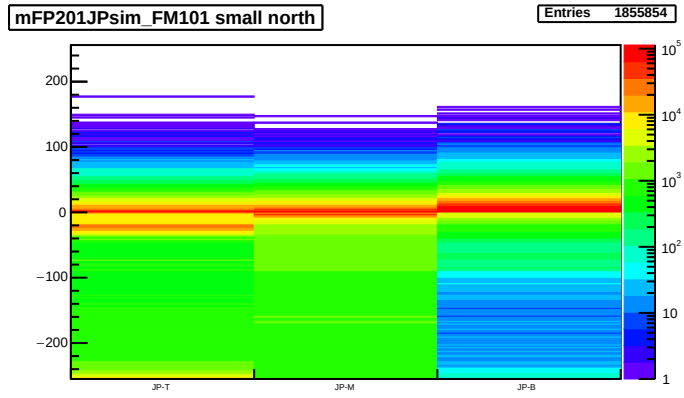

mFP201BS_FM103 large north
Entries 1.503133e+07
152368
309989
478765
537600
486148
2.8539e+06
2.69628e+06
2.5275e+06
2.46867e+06
2.52012e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

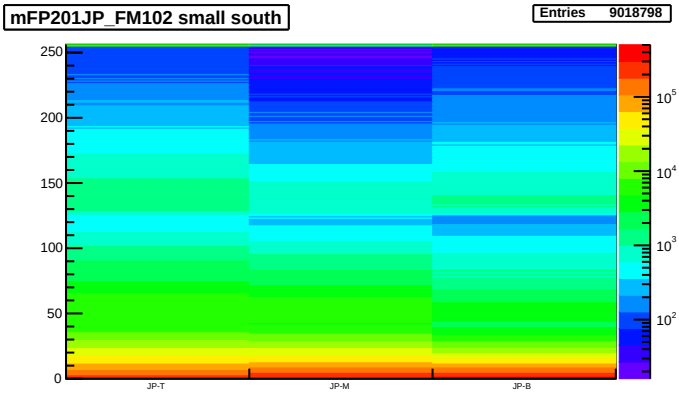

mFP201BSsim_FM103 large north
Entries 2014049
636
217731
812
231983
368638
379728
101263
557538
155720
BS3
BS2
BS1-T
BS1-M
BS1-B

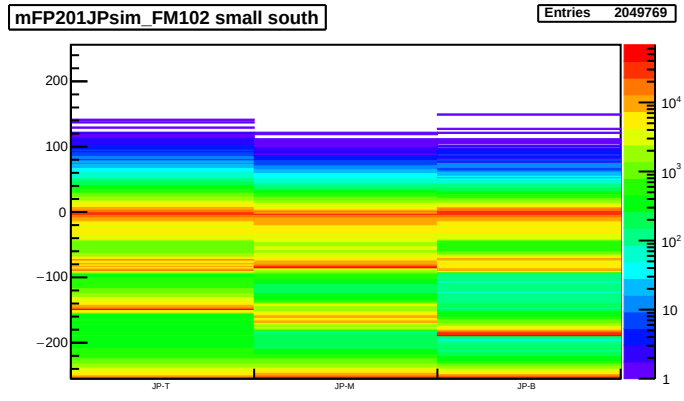

mFP201BS_FM104 large south
Entries 1.503133e+07
124619
263437
376404
564278
456006
2.88165e+06
2.74283e+06
2.62986e+06
2.44199e+06
2.55026e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

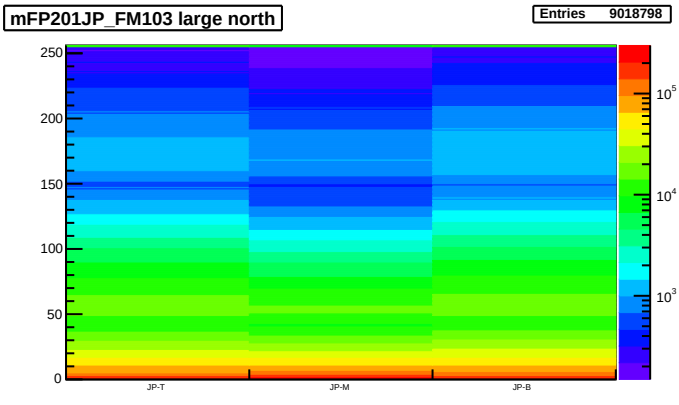

mFP201BSsim_FM104 large south
Entries 1919863
1
561
160454
1273
194616
392054
382625
143617
513289
131373
BS3
BS2
BS1-T
BS1-M
BS1-B

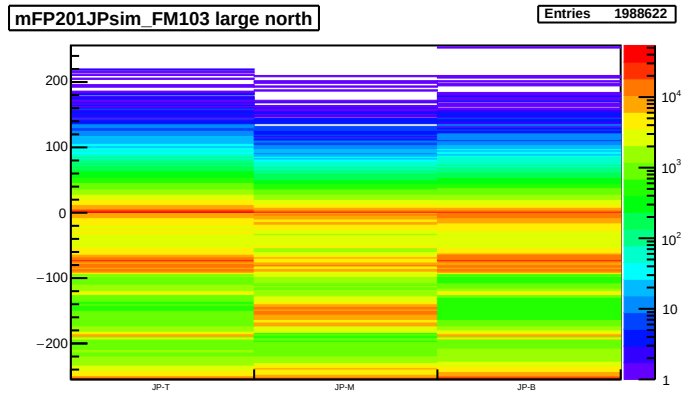

mFP201JP_FM101 small north
Entries 9018798
JP-T
JP-M
JP-B

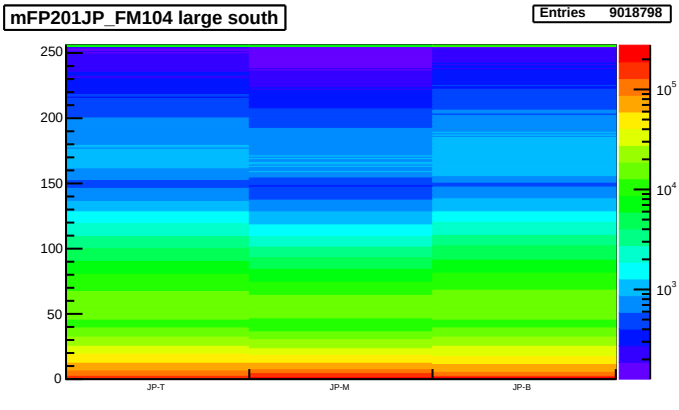

mFP201JPsim_FM101 small north
Entries 1855854
JP-T
JP-M
JP-B

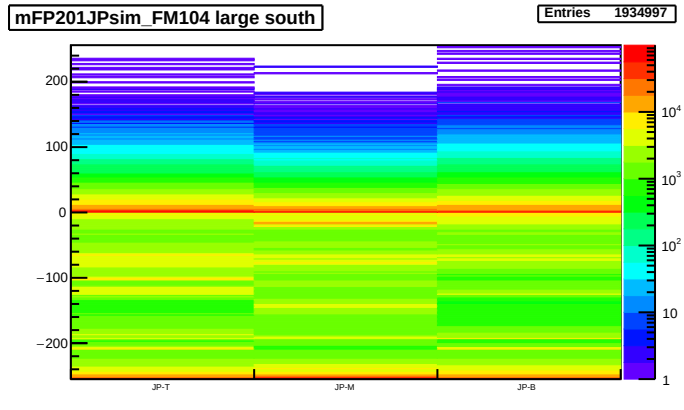

mFP201JP_FM102 small south
Entries 9018798
JP-T
JP-M
JP-B

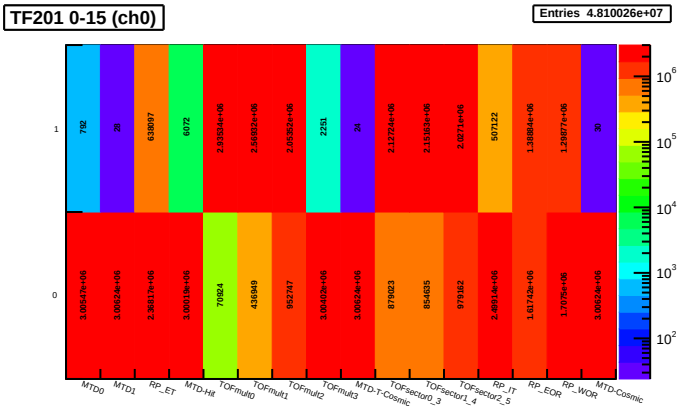

mFP201JPsim_FM102 small south
Entries 2049769
JP-T
JP-M
JP-B

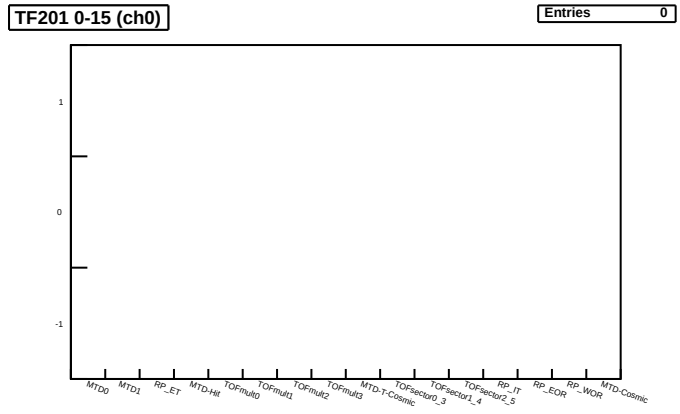

mFP201JP_FM103 large north
Entries 9018798
JP-T
JP-M
JP-B

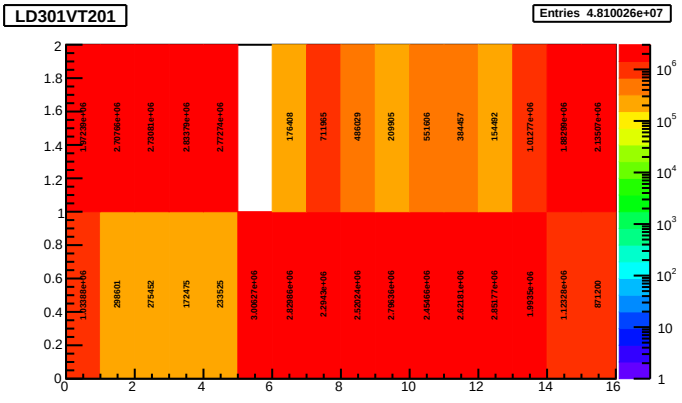

mFP201JPsim_FM103 large north
Entries 1988622
JP-T
JP-M
JP-B

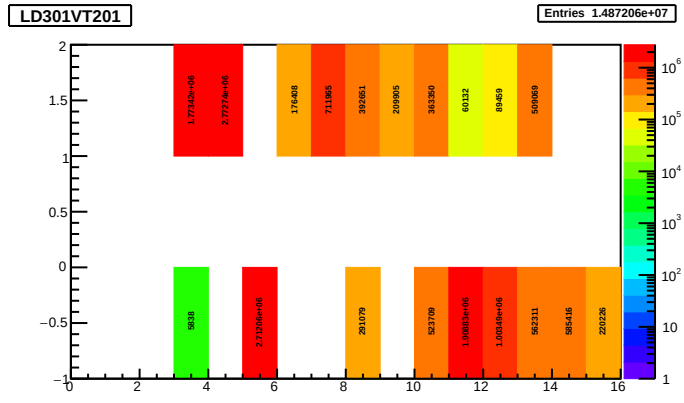

mFP201JP_FM104 large south
Entries 9018798
JP-T
JP-M
JP-B

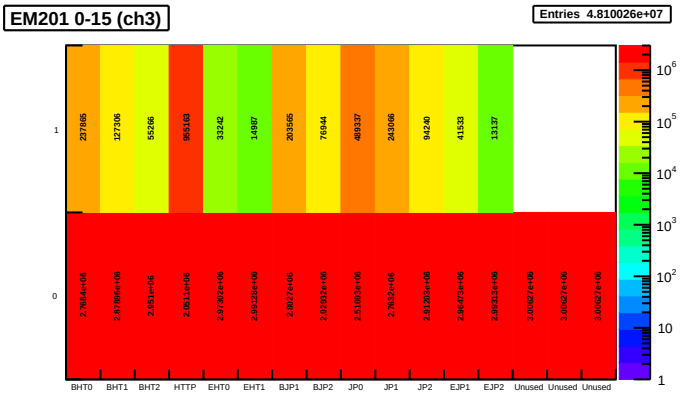

mFP201JPsim_FM104 large south
Entries 1934997
JP-T
JP-M
JP-B

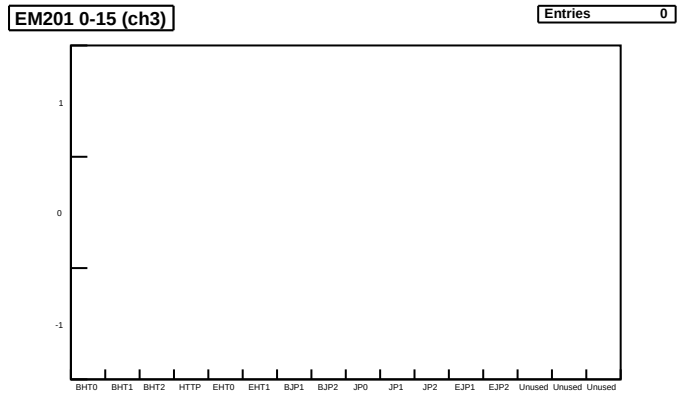

TF201 0-15 (ch0)
Entries 4.810026e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

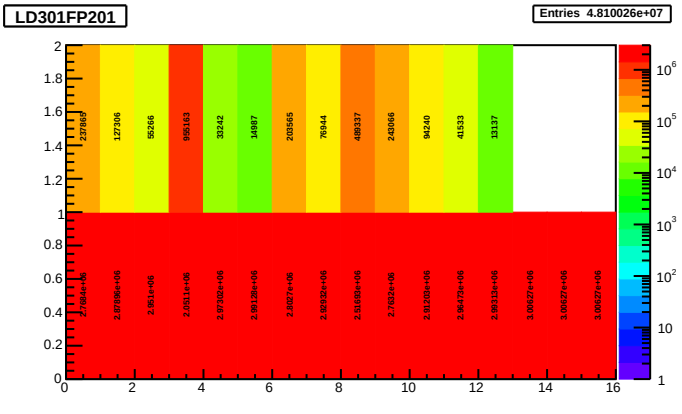

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

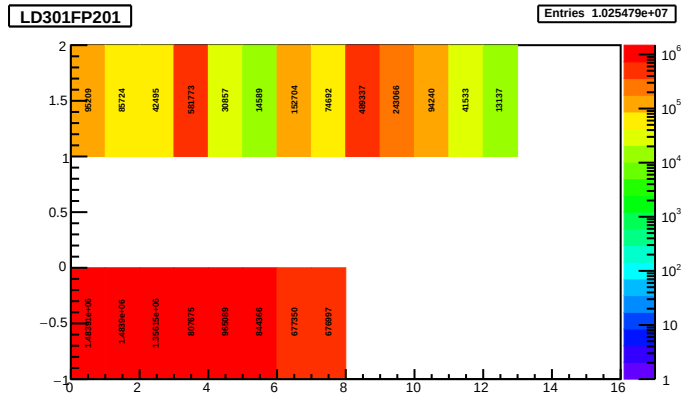

LD301VT201
Entries 4.810026e+07


LD301VT201
Entries 1.487206e+07


EM201 0-15 (ch3)
Entries 4.810026e+07
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


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


LD301FP201
Entries 4.810026e+07


LD301FP201
Entries 1.025479e+07