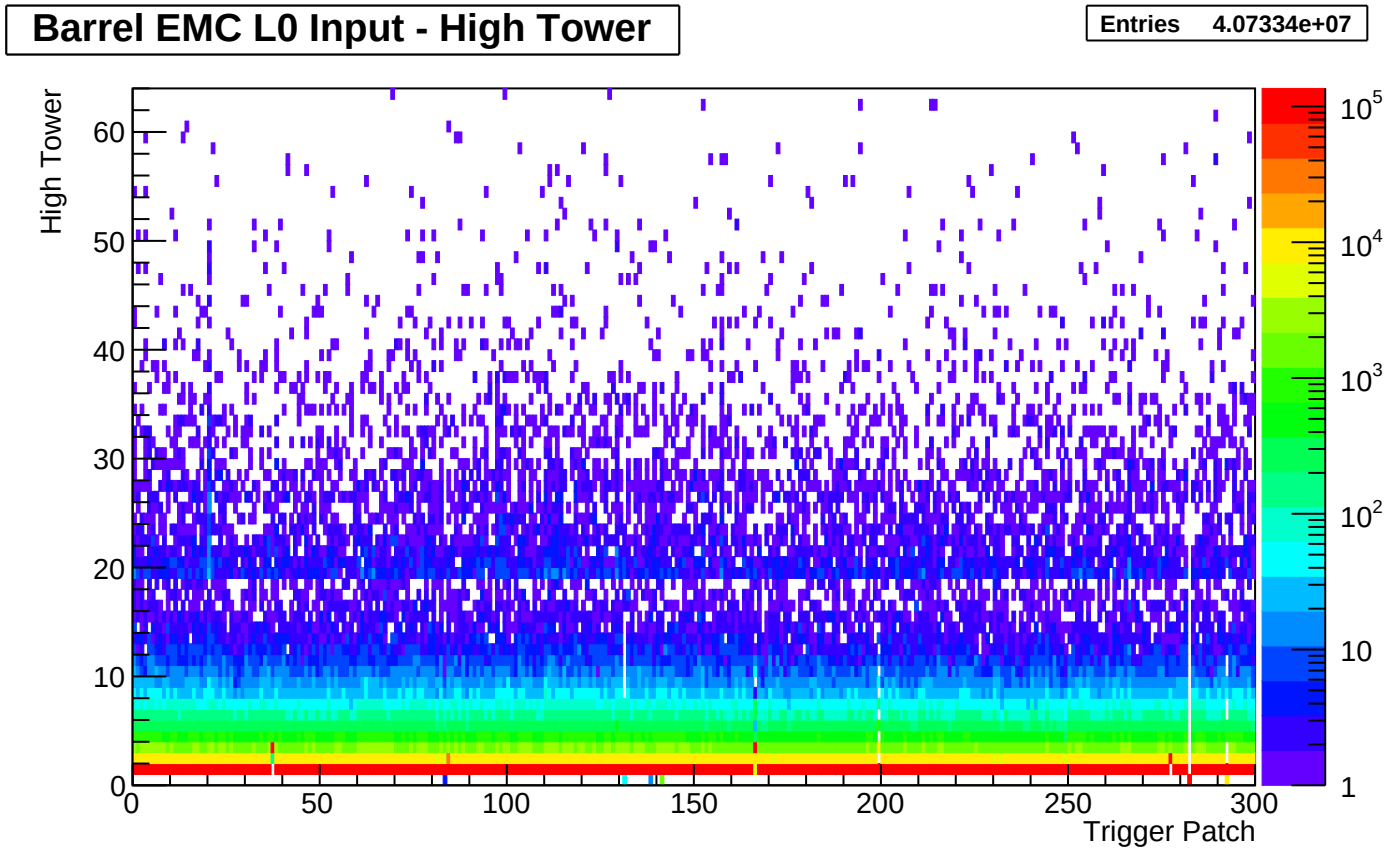
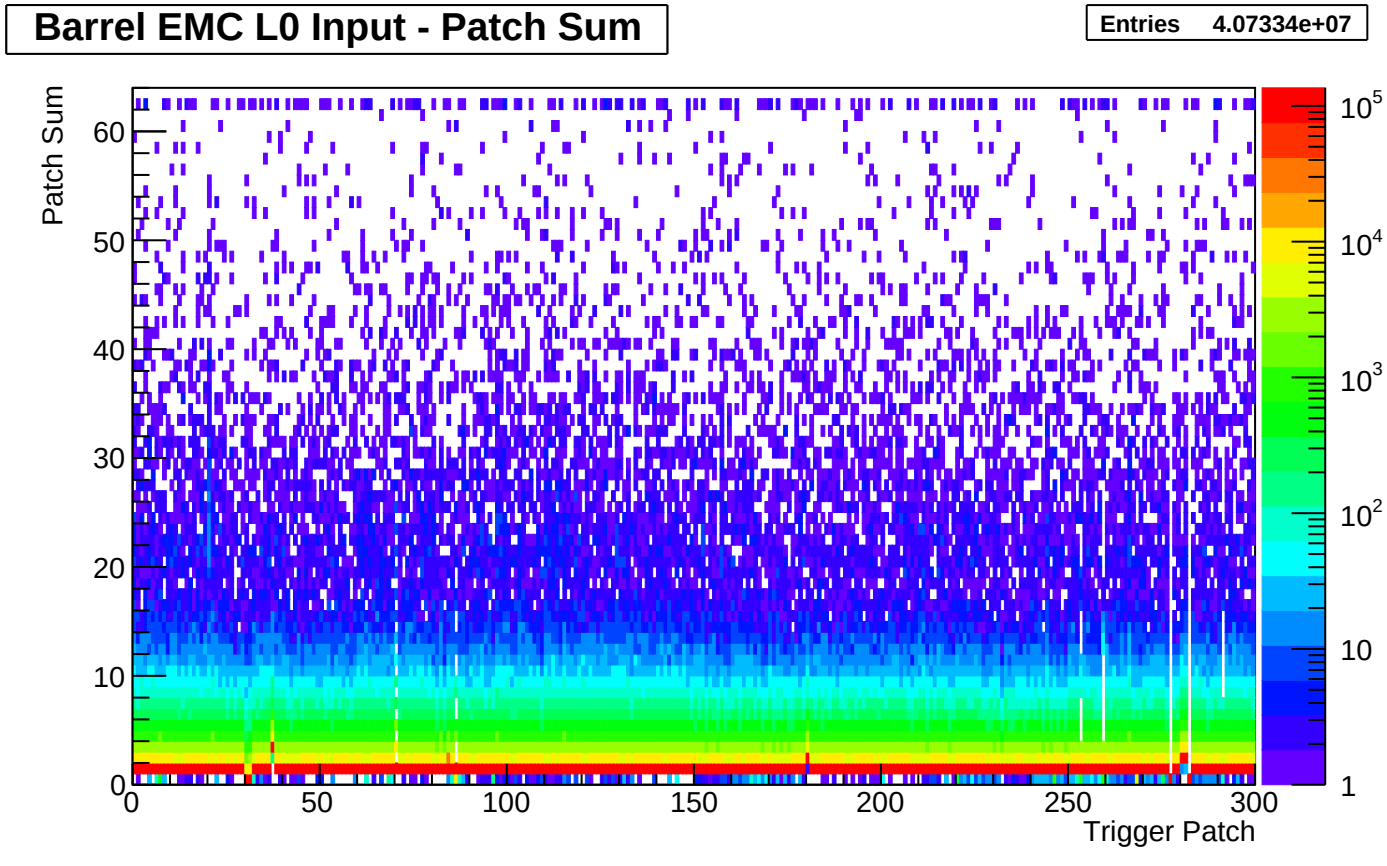
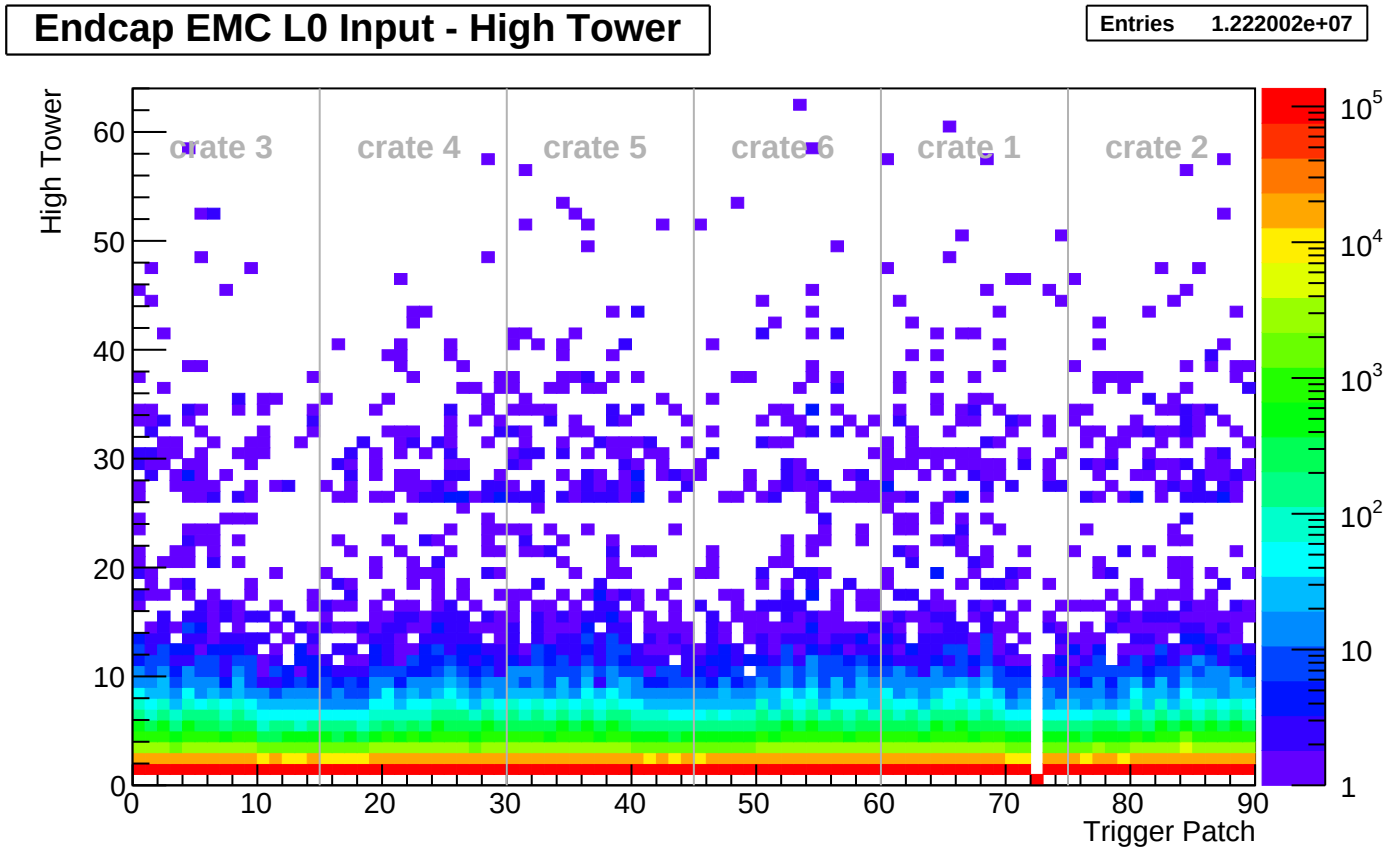
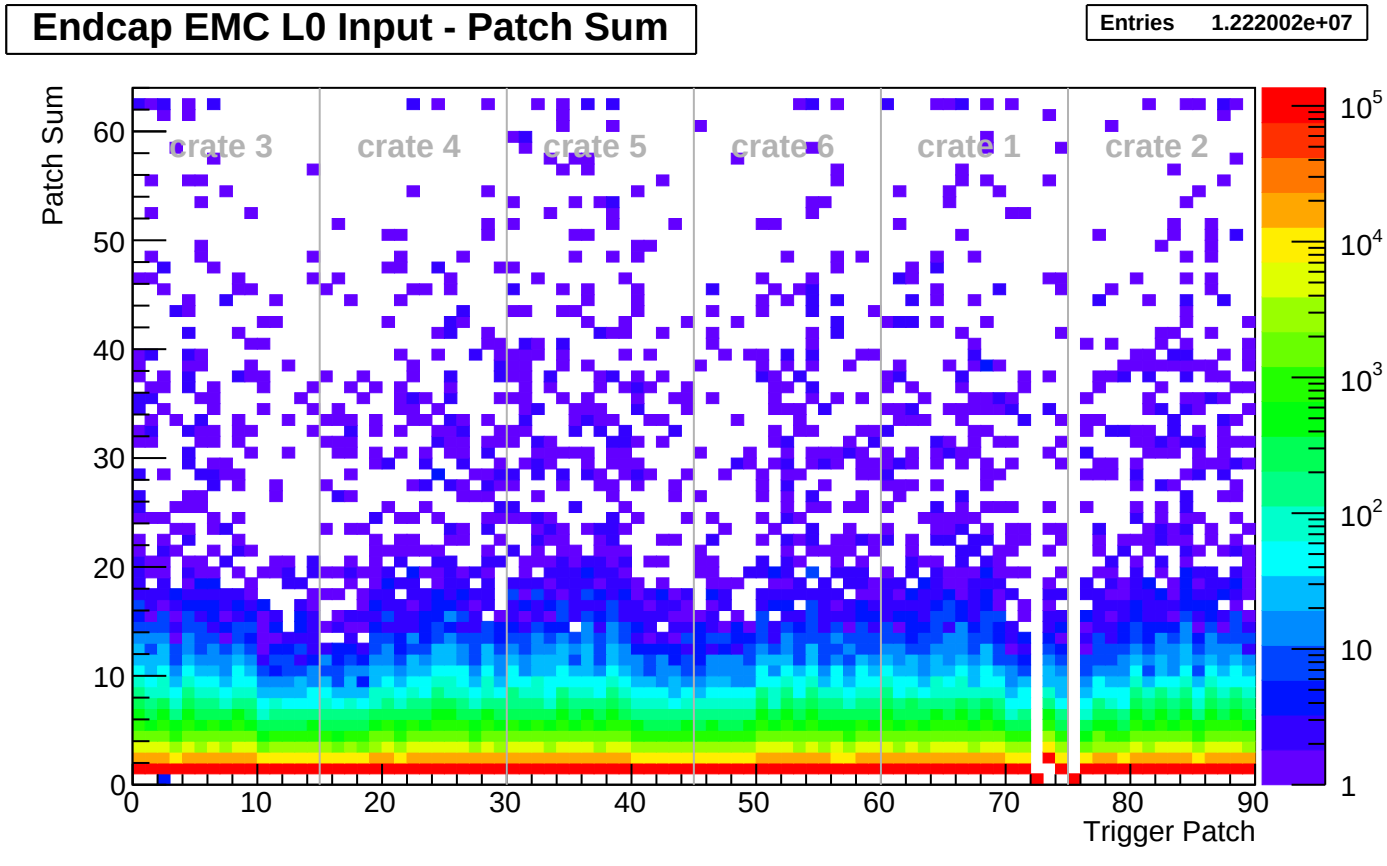
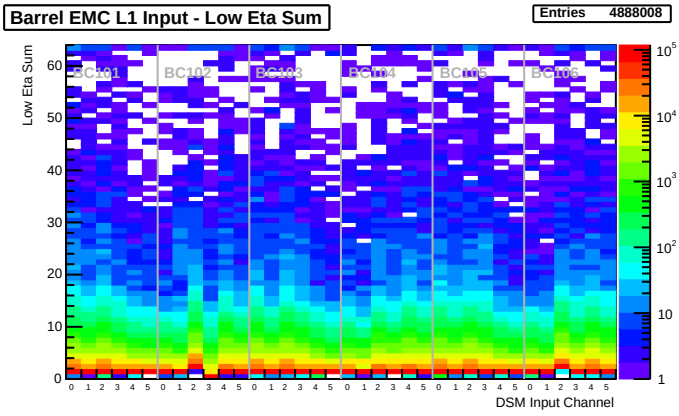
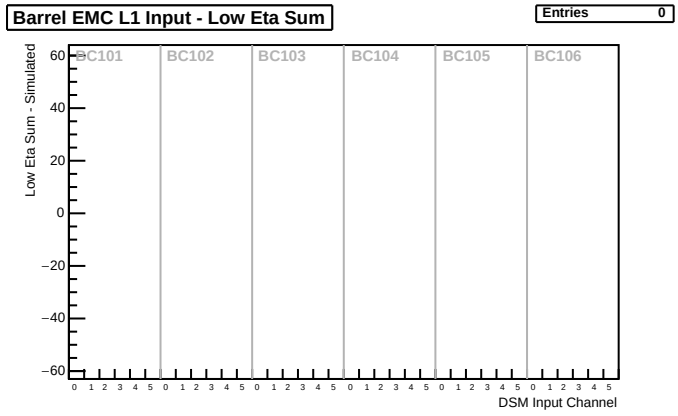

Barrel EMC L0 Input - High Tower
Entries 4.07334e+07
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

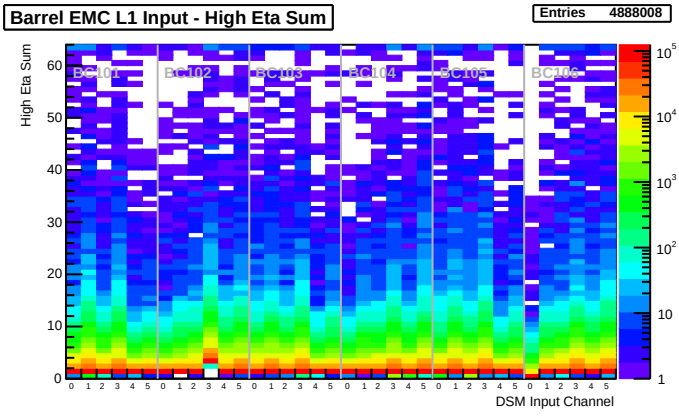

Barrel EMC L0 Input - Patch Sum
Entries 4.07334e+07
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

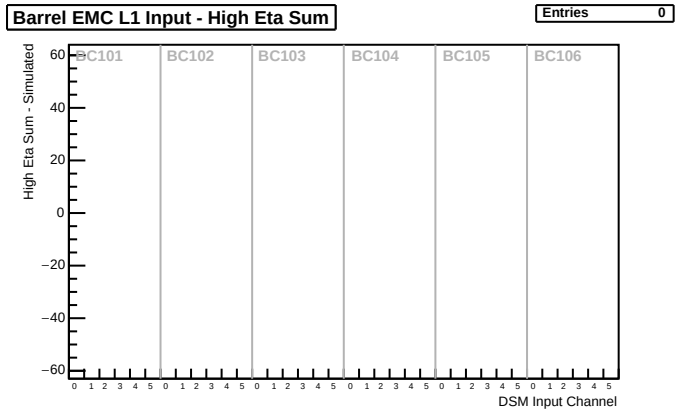

Endcap EMC L0 Input - High Tower
Entries 1.222002e+07
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

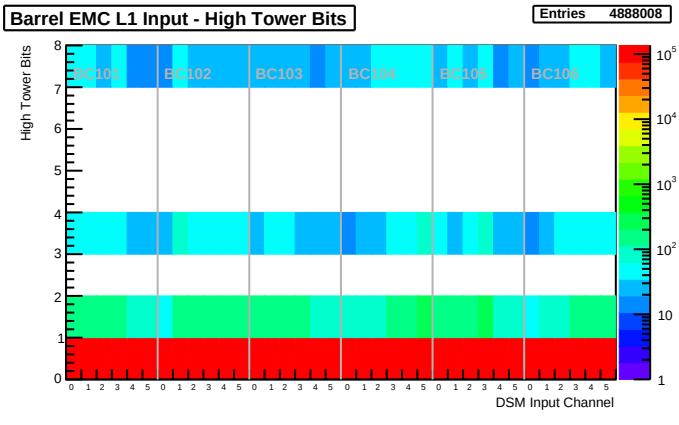

Endcap EMC L0 Input - Patch Sum
Entries 1.222002e+07
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

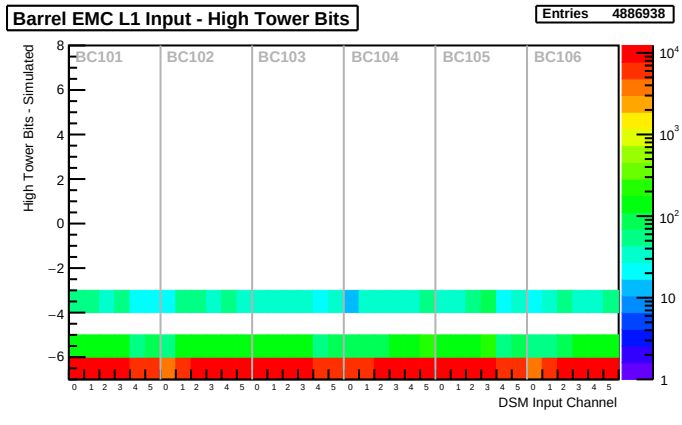

Barrel EMC L1 Input - Low Eta Sum
Entries 4888008
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

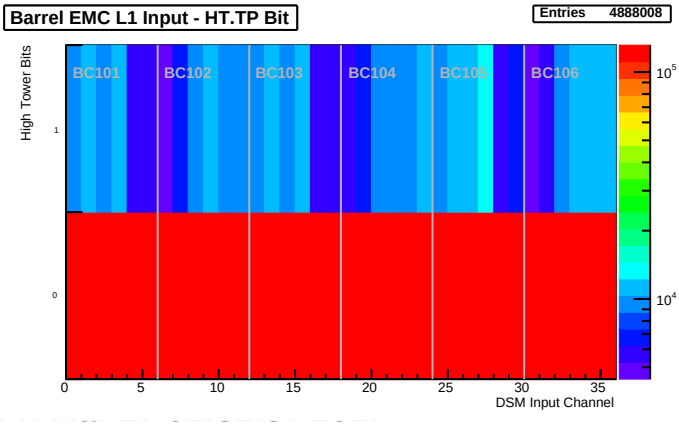

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

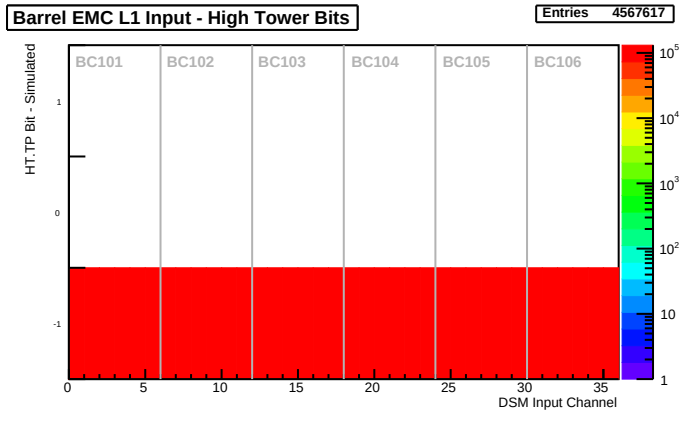

Barrel EMC L1 Input - High Eta Sum
Entries 4888008
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

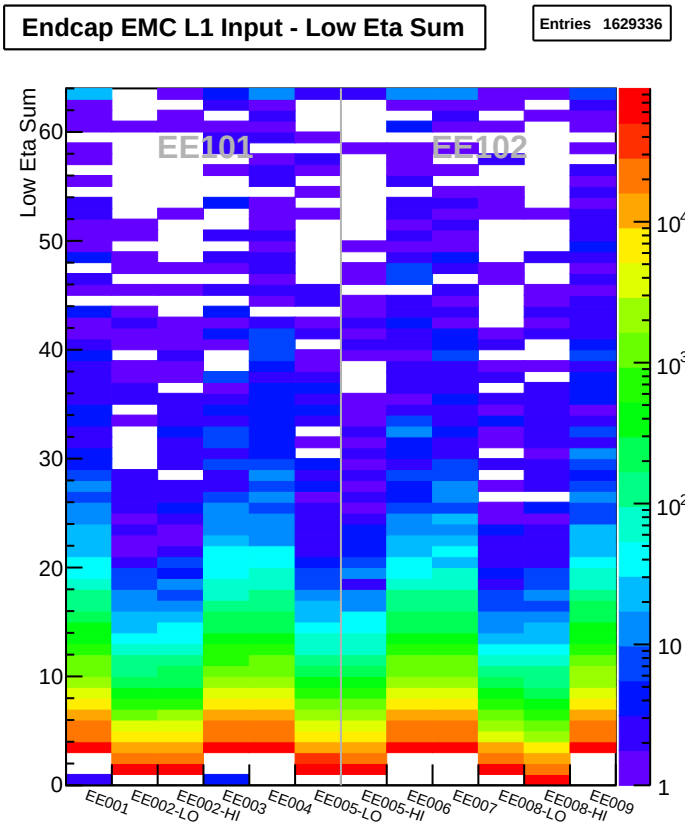

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

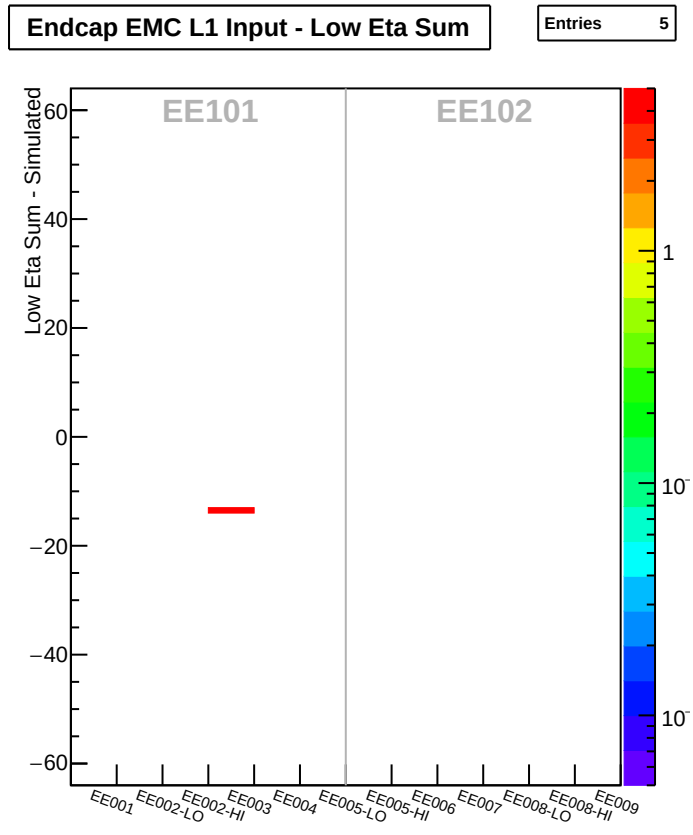

Barrel EMC L1 Input - High Tower Bits
Entries 4888008
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

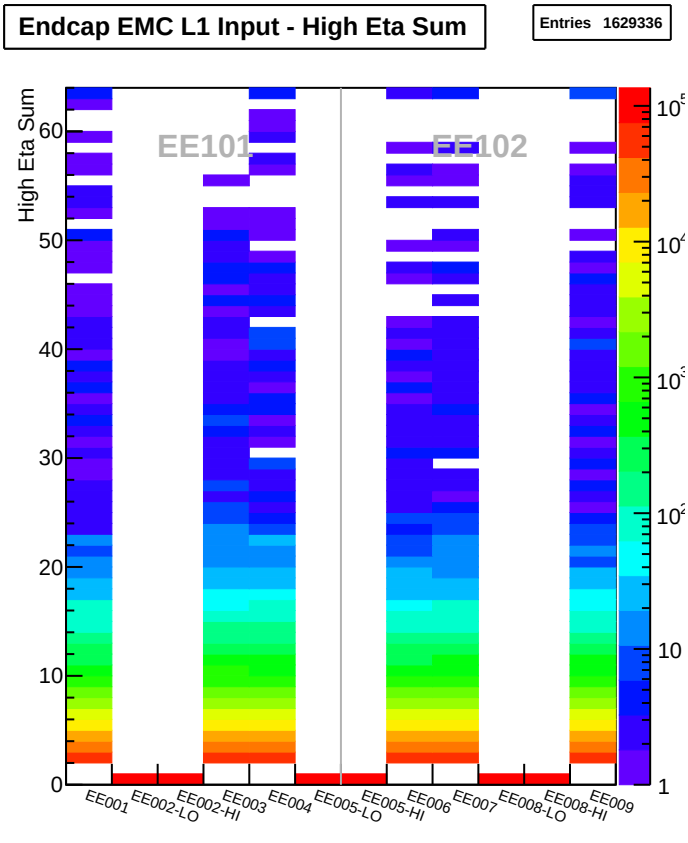

Barrel EMC L1 Input - High Tower Bits
Entries 4886938
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

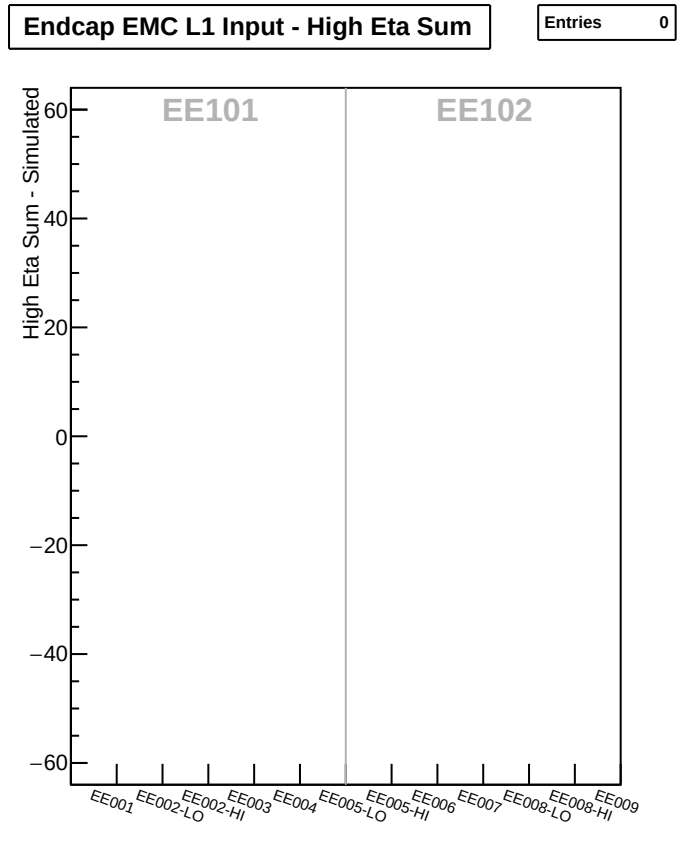

Barrel EMC L1 Input - HT.TP Bit
Entries 4888008
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

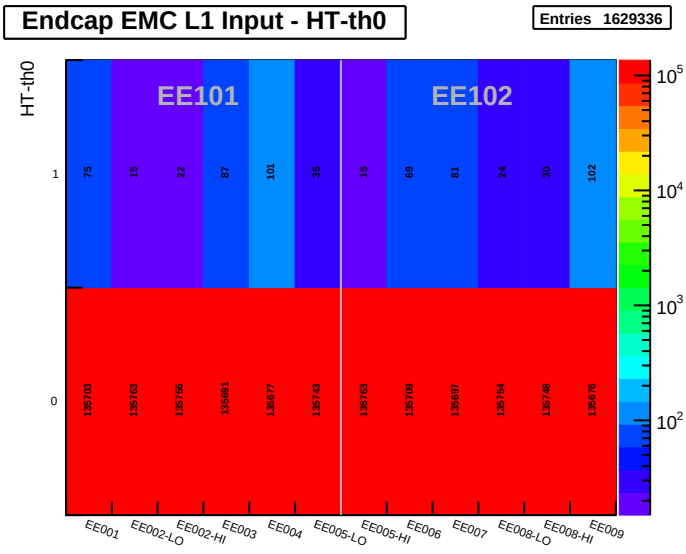

Barrel EMC L1 Input - High Tower Bits
Entries 4567617
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

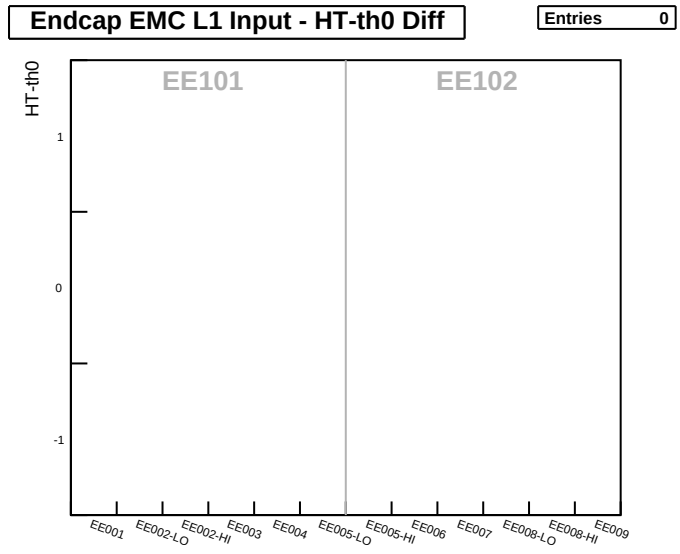

Endcap EMC L1 Input - Low Eta Sum
Entries 1629336
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

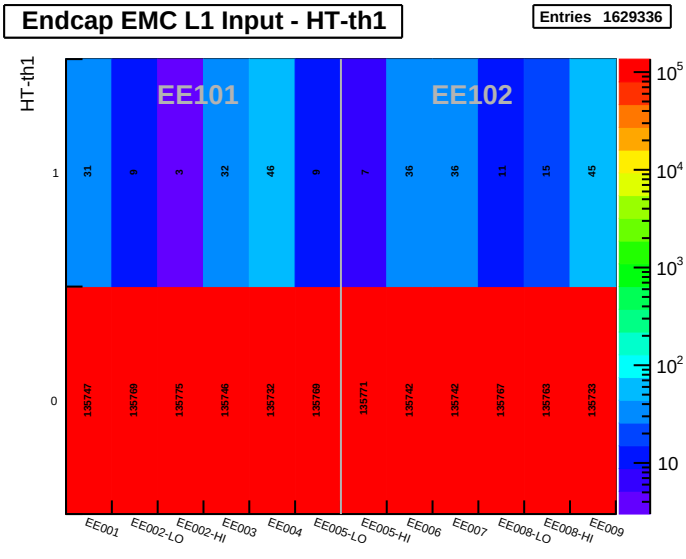

Endcap EMC L1 Input - Low Eta Sum
Entries 5
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

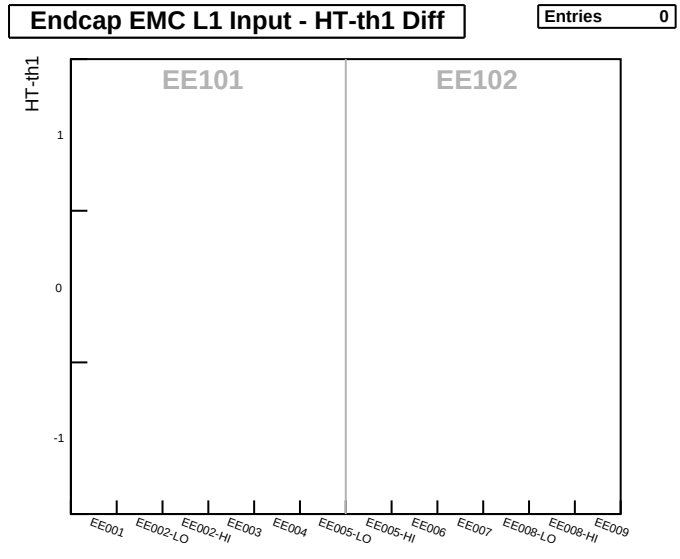

Endcap EMC L1 Input - High Eta Sum
Entries 1629336
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

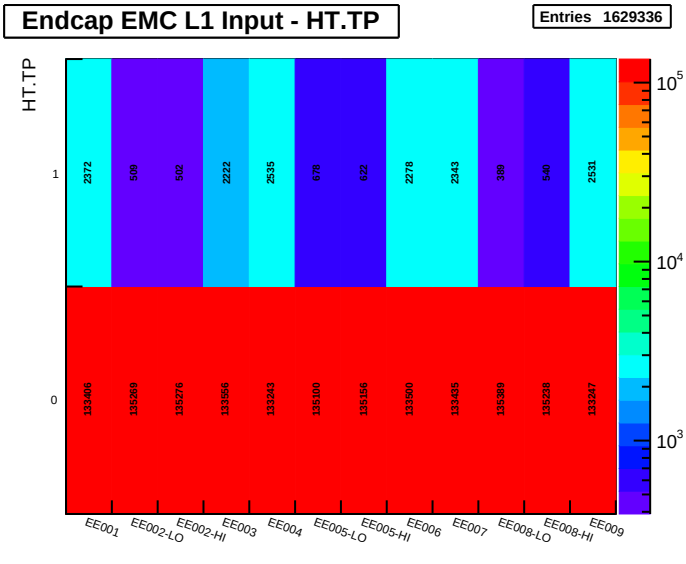

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

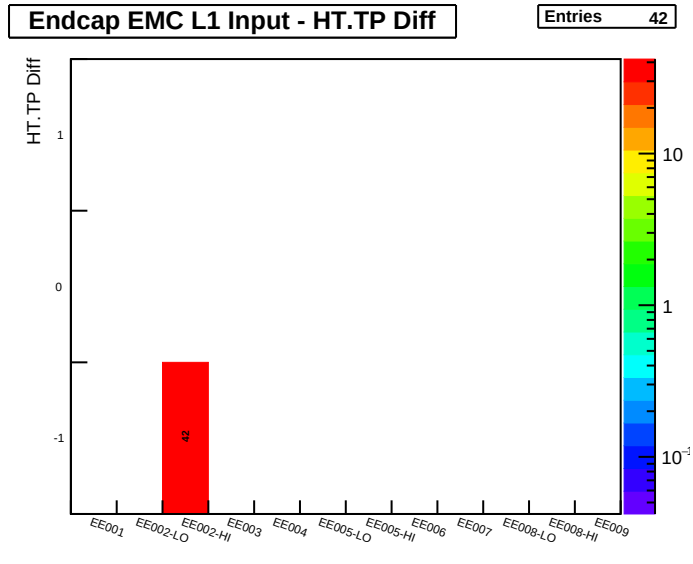

Endcap EMC L1 Input - HT-th0
Entries 1629336
HT-th0
EE101
EE102
1
0
75 15 22 87 101 35 15 69 81 24 30 102
135703 135763 135756 135691 135677 135743 135763 135709 135697 135754 135748 135676
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^5
10^4
10^3
10^2

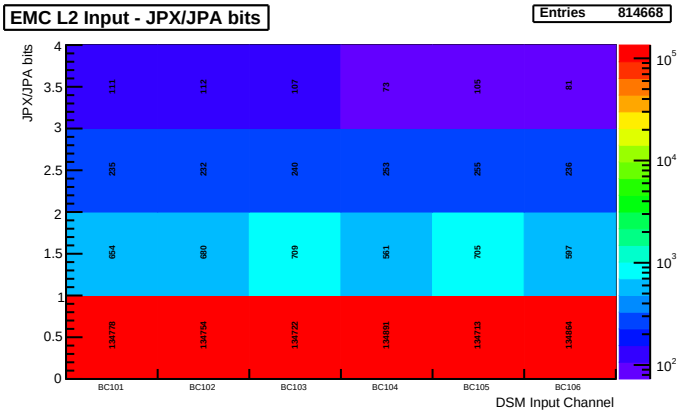

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
HT-th0
EE101
EE102
1
0
-1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

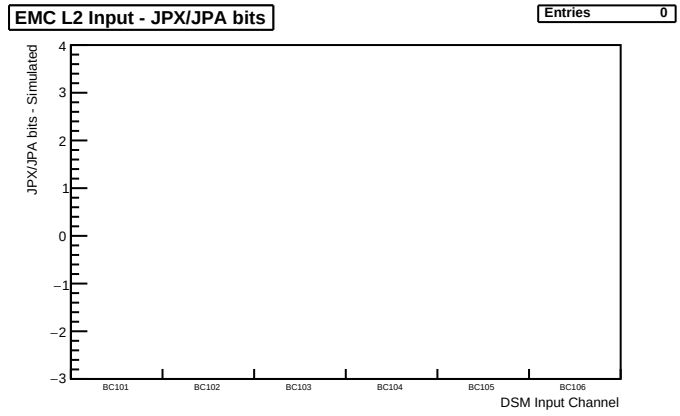

Endcap EMC L1 Input - HT-th1
Entries 1629336
HT-th1
EE101
EE102
1
0
31 9 3 32 46 9 7 36 36 11 15 45
135747 135769 135775 135746 135732 135769 135771 135742 135742 135767 135763 135733
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^5
10^4
10^3
10^2
10

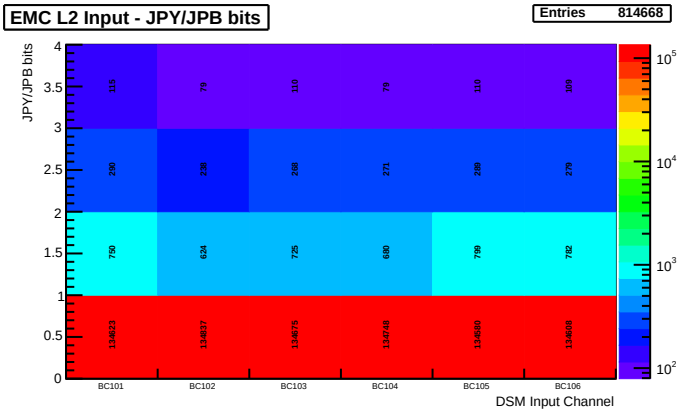

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
HT-th1
EE101
EE102
1
0
-1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

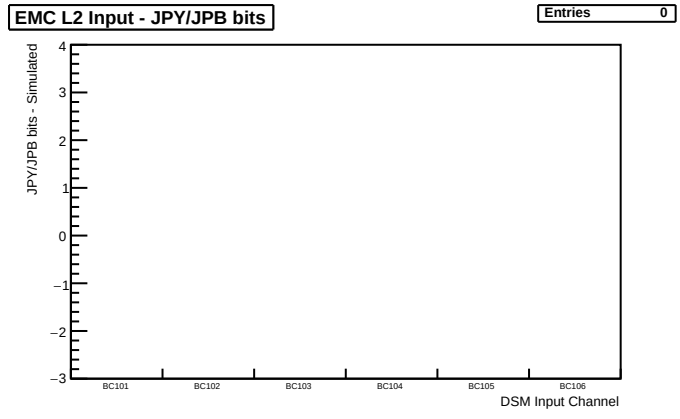

Endcap EMC L1 Input - HT.TP
Entries 1629336
HT.TP
1
0
2372 509 502 2222 2535 678 622 2278 2343 389 540 2531
133406 135269 135276 133556 133243 135100 135156 133500 133435 135309 135238 133247
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^5
10^4
10^3

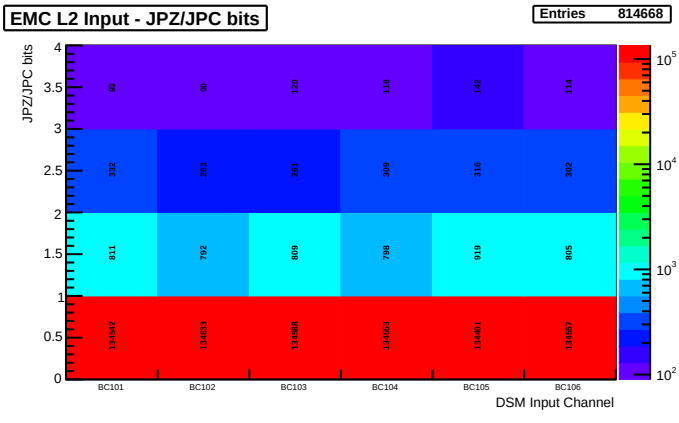

Endcap EMC L1 Input - HT.TP Diff
Entries 42
HT.TP Diff
1
0
-1
42
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10
1
10^{-1}

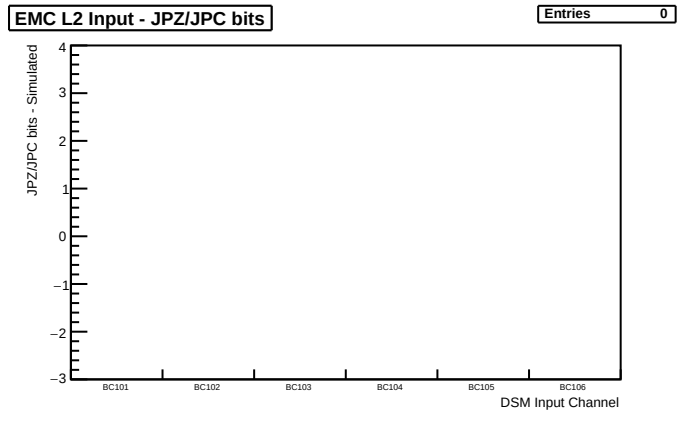

EMC L2 Input - JPX/JPA bits
Entries 814668
JPX/JPA bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106
111 112 107 73 105 81
235 232 240 253 255 236
654 680 709 561 705 597
134778 134754 134722 134691 134713 134664

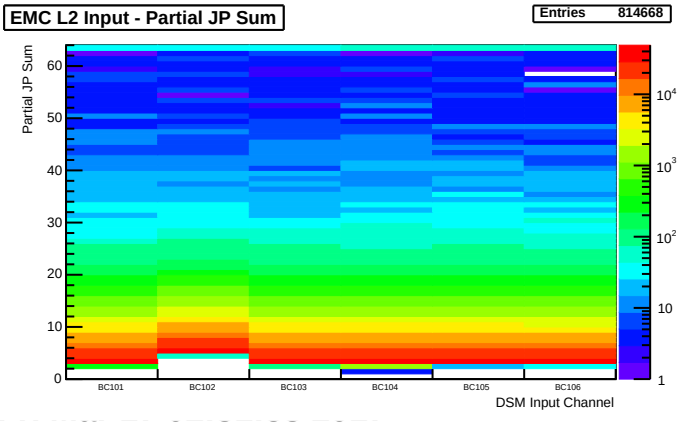

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106

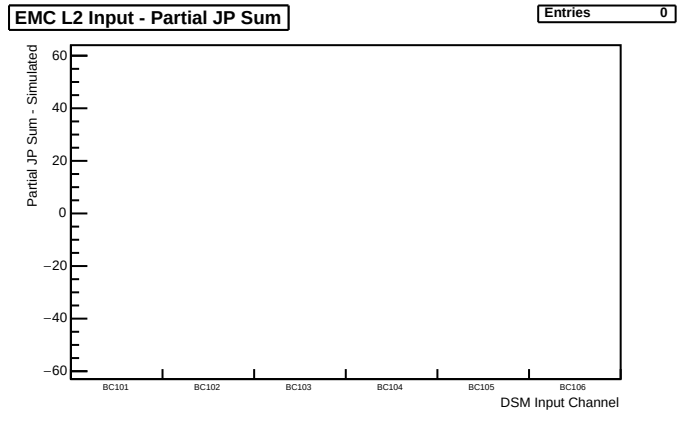

EMC L2 Input - JPY/JPB bits
Entries 814668
JPY/JPB bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106
115 79 110 79 110 109
280 238 288 271 289 279
790 624 725 680 799 782
134623 134637 134675 134748 134680 134608

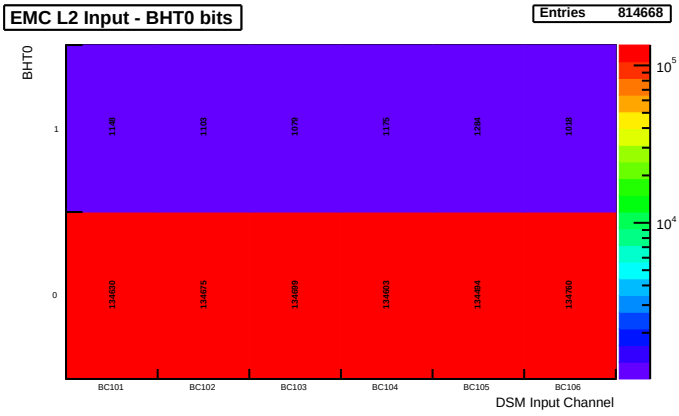

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106

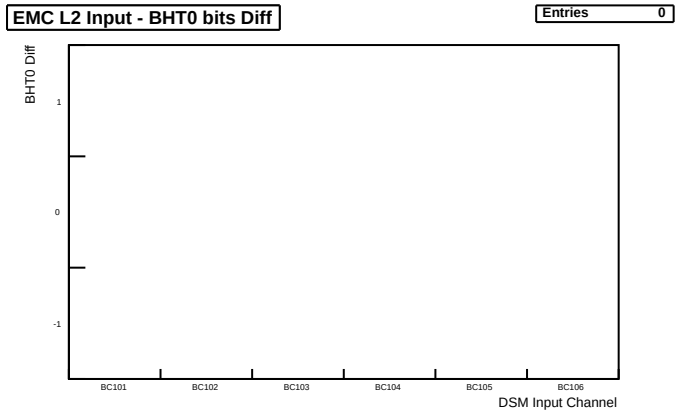

EMC L2 Input - JPZ/JPC bits
Entries 814668
JPZ/JPC bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106
93 90 120 118 142 114
332 263 261 309 316 302
811 792 809 798 919 805
134542 134613 134568 134553 134401 134557

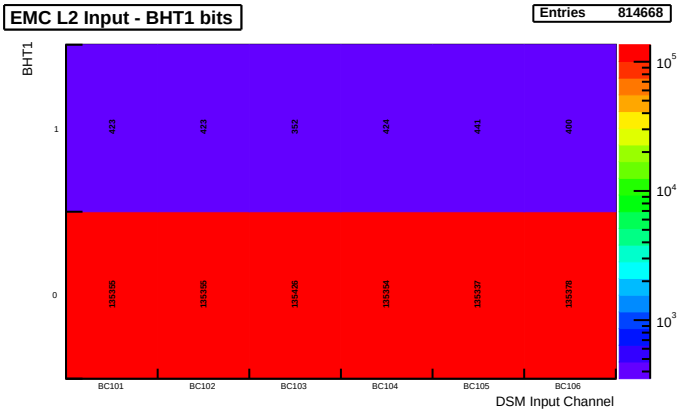

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106

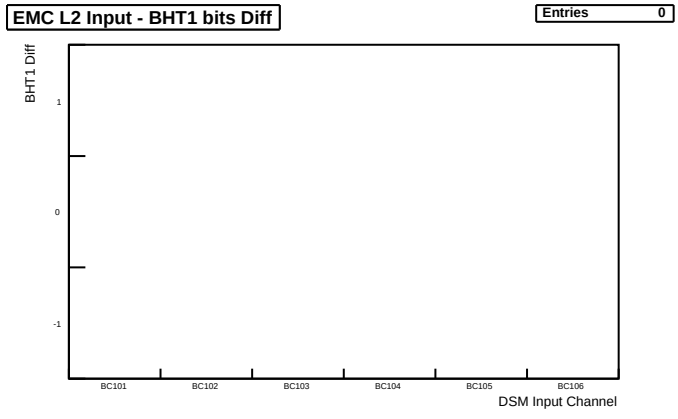

EMC L2 Input - Partial JP Sum
Entries 814668
Partial JP Sum
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106

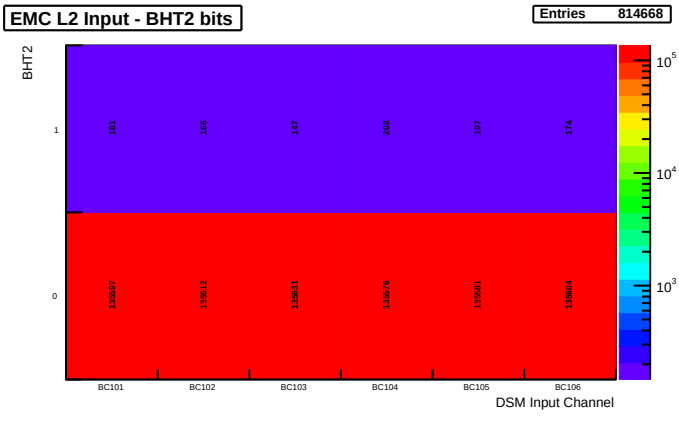

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106

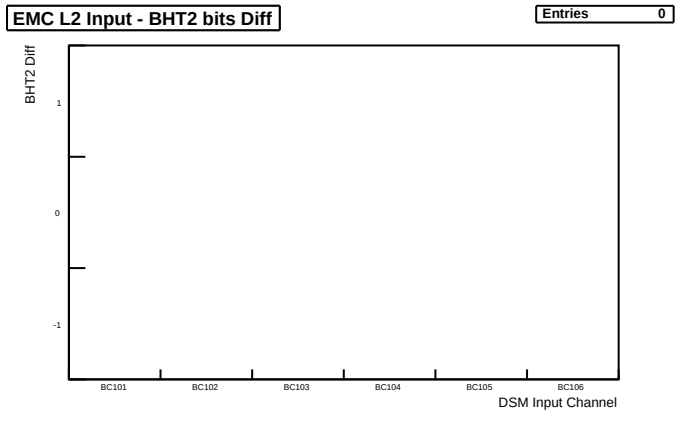

EMC L2 Input - BHT0 bits
Entries 814668
BHT0
1
0
1148
1103
1079
1175
1234
1018
134680
134675
134699
134603
134494
134760
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^5
10^4

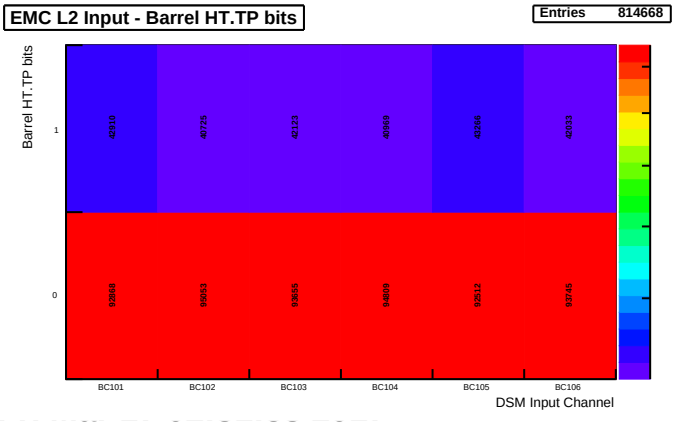

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

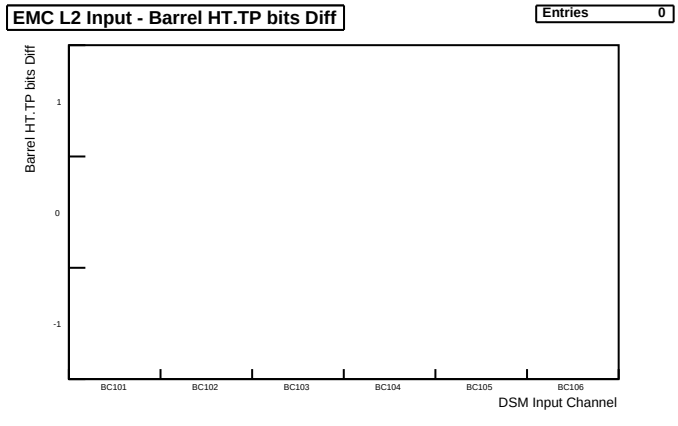

EMC L2 Input - BHT1 bits
Entries 814668
BHT1
1
0
424
423
352
424
441
400
135395
135395
135426
135354
135337
135378
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^5
10^4
10^3

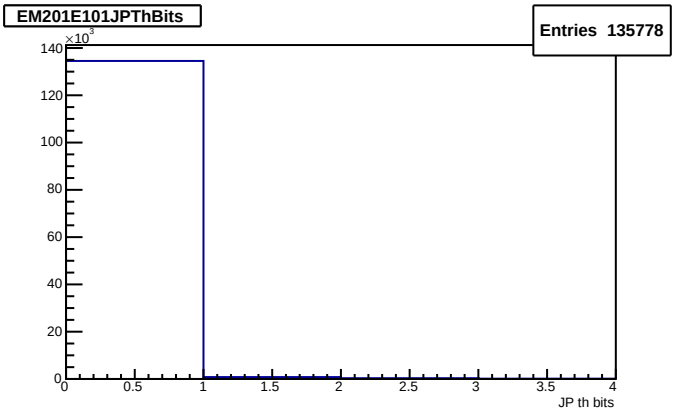

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

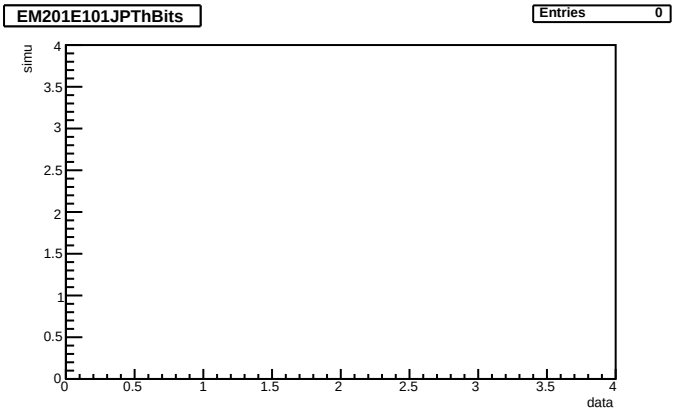

EMC L2 Input - BHT2 bits
Entries 814668
BHT2
1
0
151
166
147
202
197
174
135597
135612
135631
135576
135581
135604
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^5
10^4
10^3

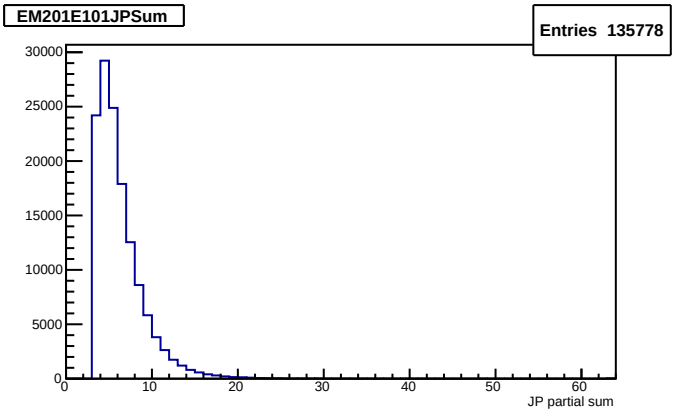

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

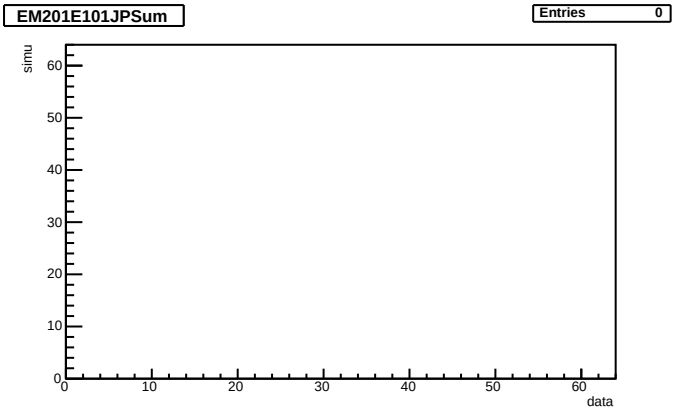

EMC L2 Input - Barrel HT.TP bits
Entries 814668
Barrel HT.TP bits
1
0
42910
40725
42123
40969
43266
42033
92848
90053
93655
94809
92512
92745
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

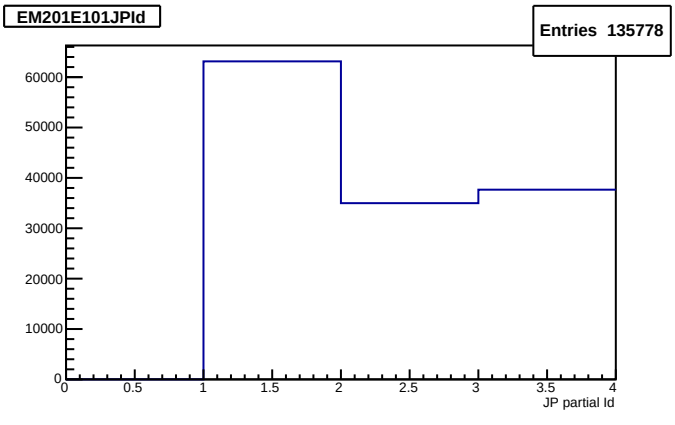

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

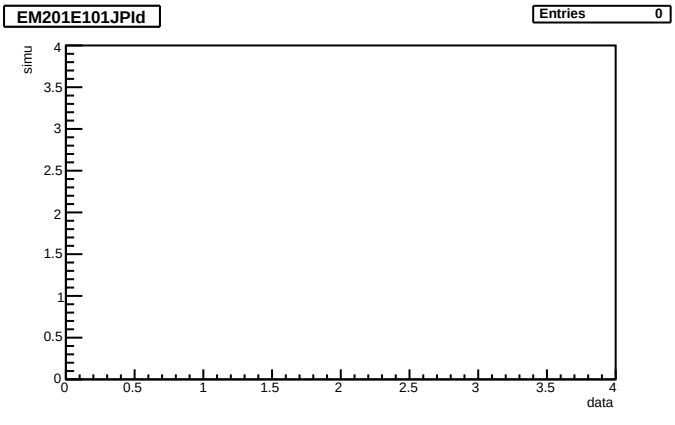

EM201E101JPThBits
Entries 135778
×10^3
JP th bits

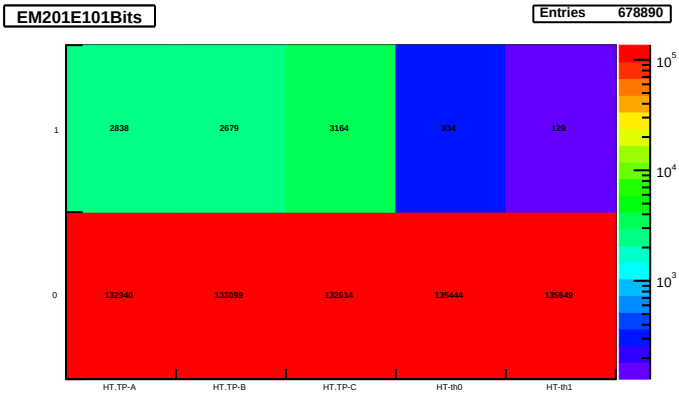

EM201E101JPThBits
Entries 0
simu
data

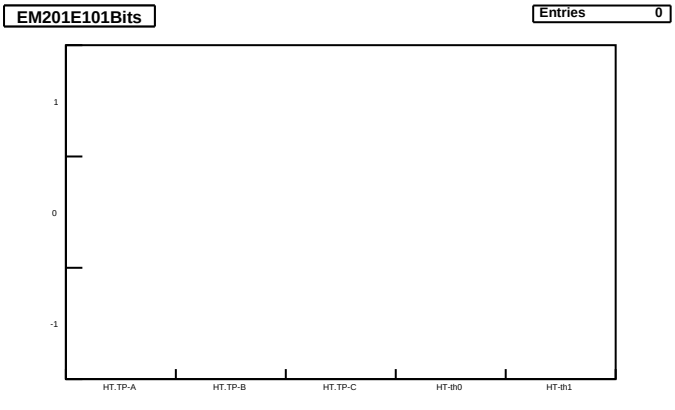

EM201E101JPSum
Entries 135778
JP partial sum

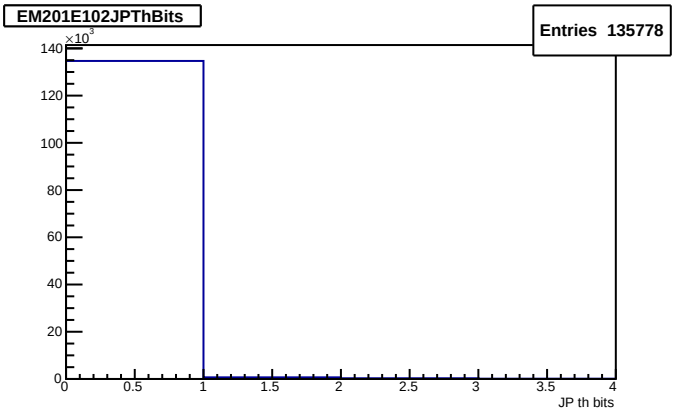

EM201E101JPSum
Entries 0
simu
data

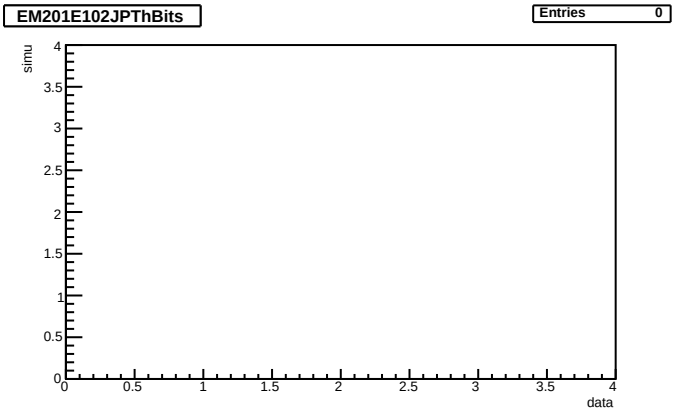

EM201E101JPId
Entries 135778
JP partial Id

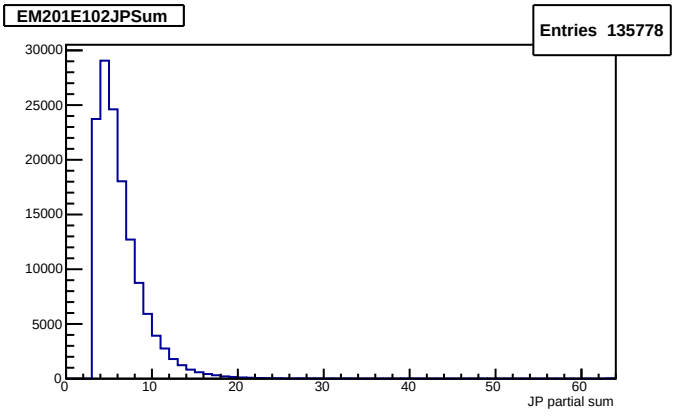

EM201E101JPId
Entries 0
simu
data

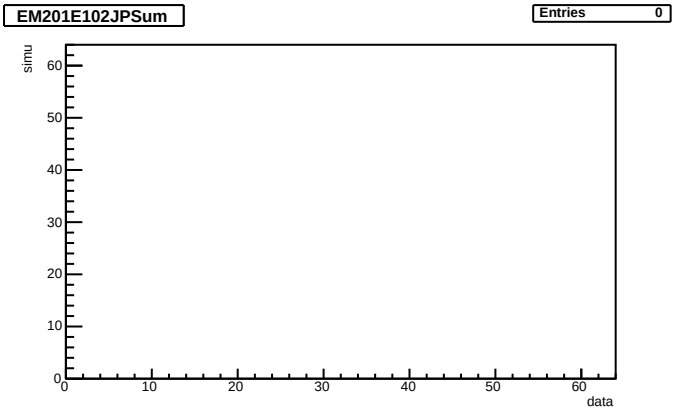

EM201E101Bits
Entries 678890
2838
2679
3164
334
129
132940
133099
132614
135444
135649
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

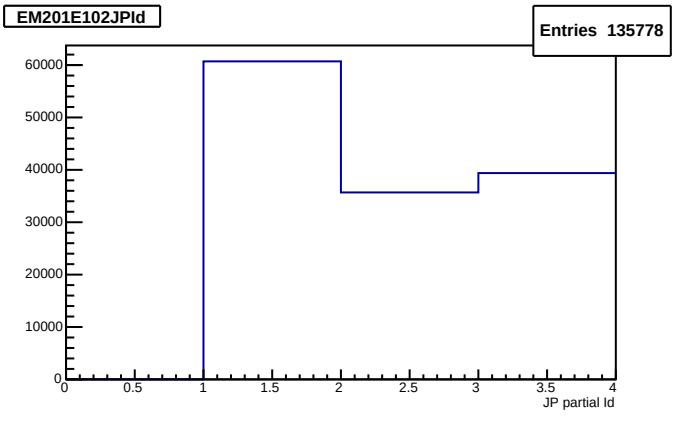

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

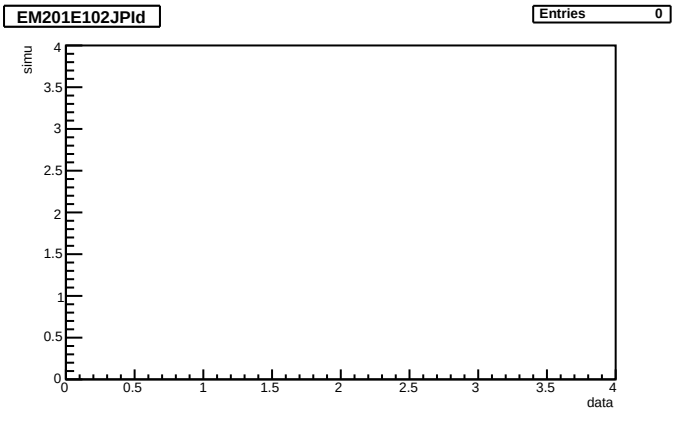

EM201E102JPThBits
Entries 135778
JP th bits

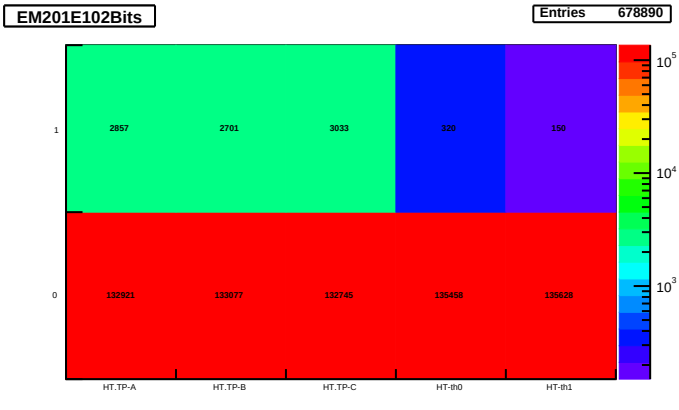

EM201E102JPThBits
Entries 0
simu
data

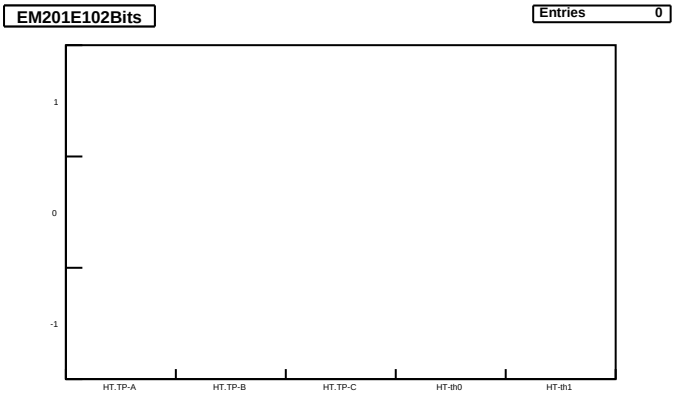

EM201E102JPSum
Entries 135778
JP partial sum

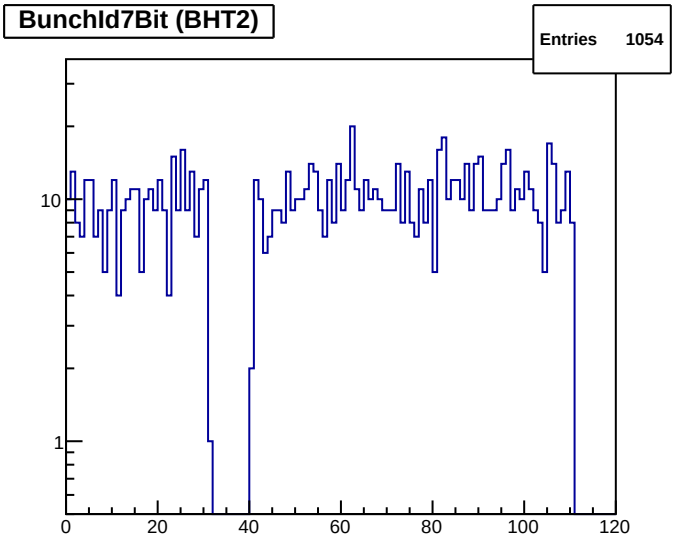

EM201E102JPSum
Entries 0
simu
data

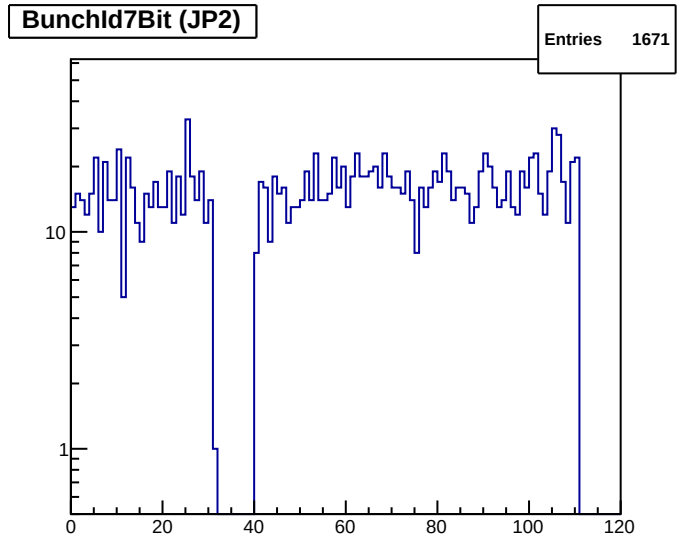

EM201E102JPId
Entries 135778
JP partial Id

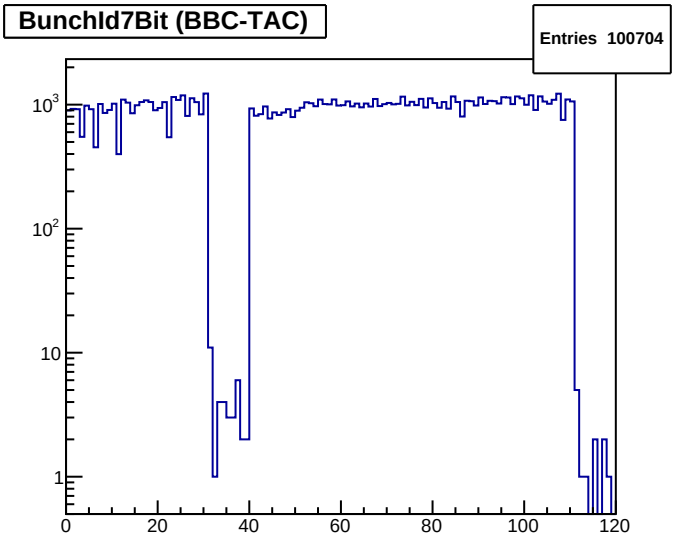

EM201E102JPId
Entries 0
simu
data

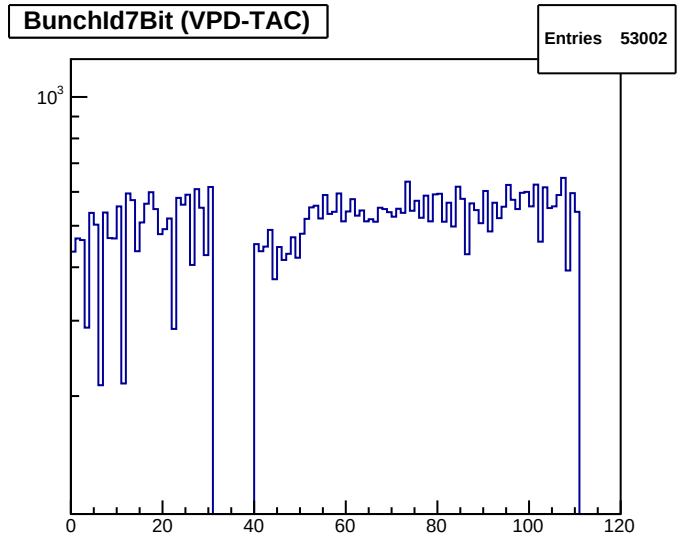

EM201E102Bits
Entries 678890
2857
2701
3033
320
150
132921
133077
132745
135458
135628
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

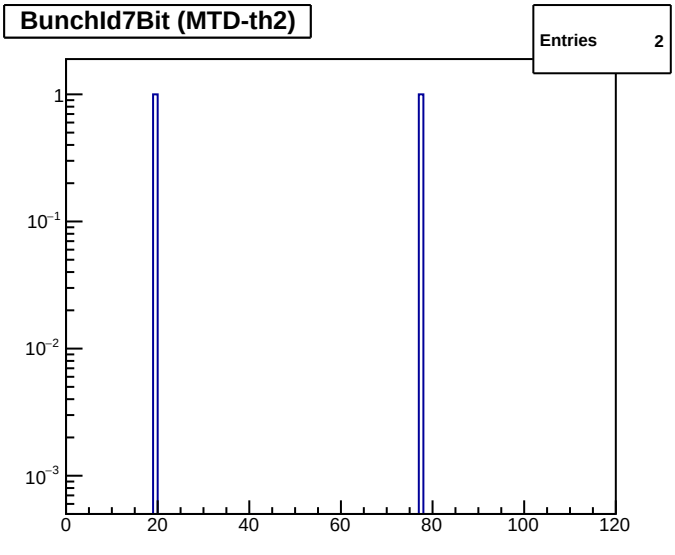

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

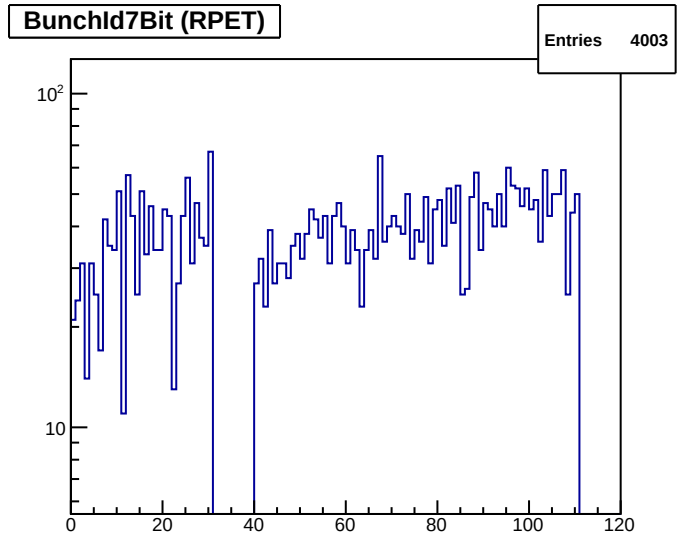

BunchId7Bit (BHT2)
Entries 1054
10
1
0
20
40
60
80
100
120

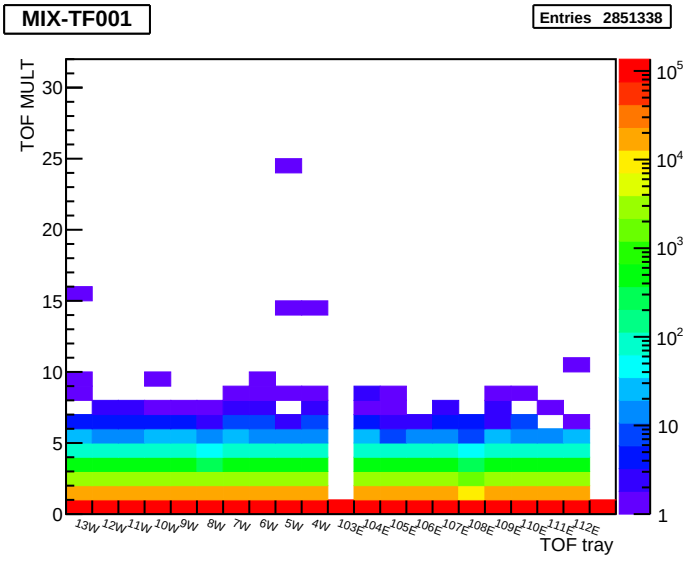

BunchId7Bit (JP2)
Entries 1671
10
1
0
20
40
60
80
100
120

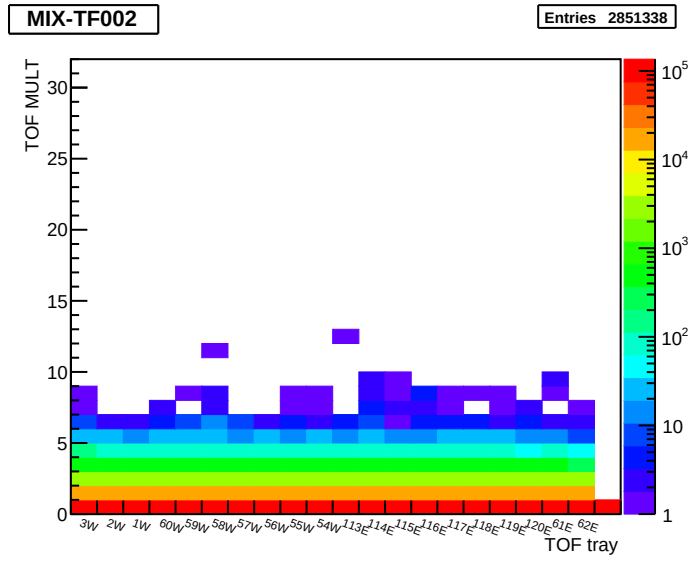

BunchId7Bit (BBC-TAC)
Entries 100704
10^3
10^2
10
1
0
20
40
60
80
100
120

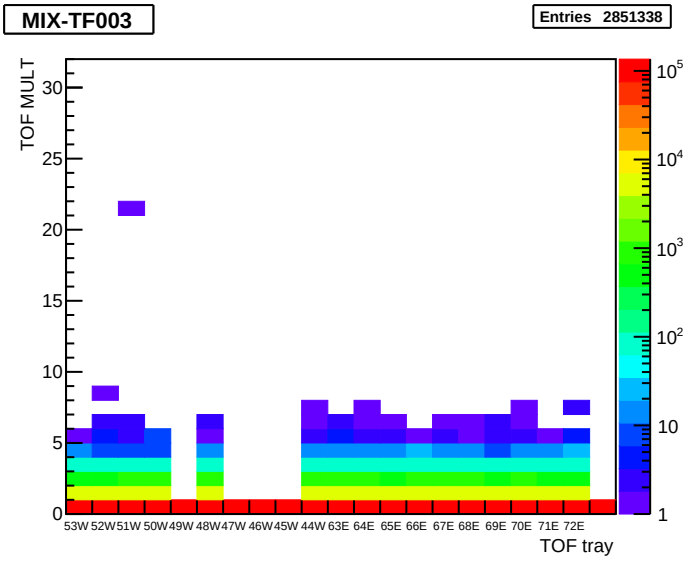

BunchId7Bit (VPD-TAC)
Entries 53002
10^3
0
20
40
60
80
100
120

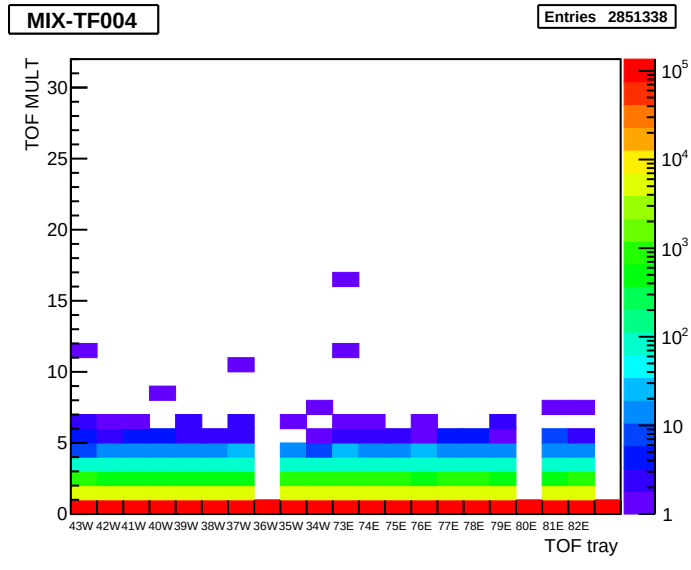

BunchId7Bit (MTD-th2)
Entries 2
1
10^{-1}
10^{-2}
10^{-3}
0
20
40
60
80
100
120

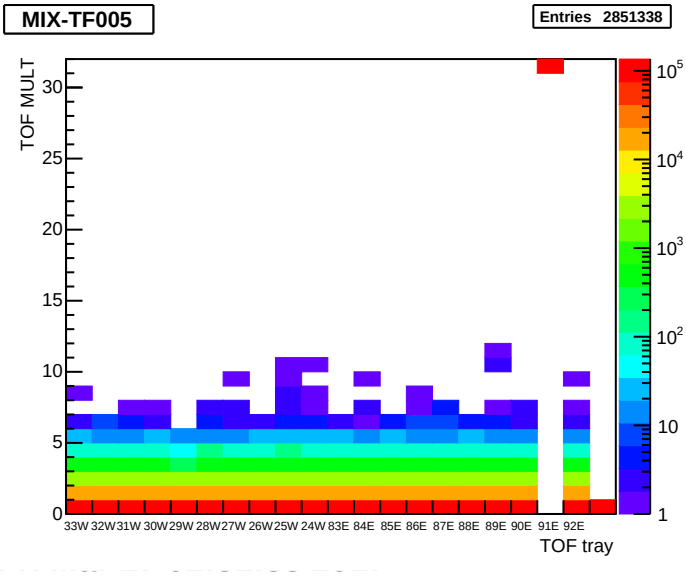

BunchId7Bit (RPET)
Entries 4003
10^2
10
0
20
40
60
80
100
120

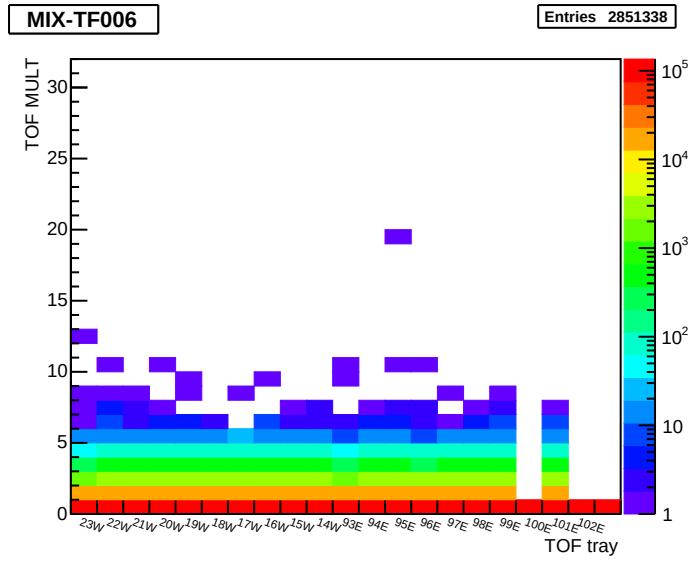

MIX-TF001
Entries 2851338
TOF MULT
TOF tray

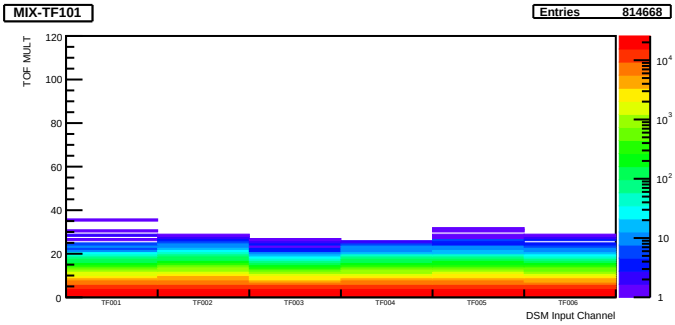

MIX-TF002
Entries 2851338
TOF MULT
TOF tray

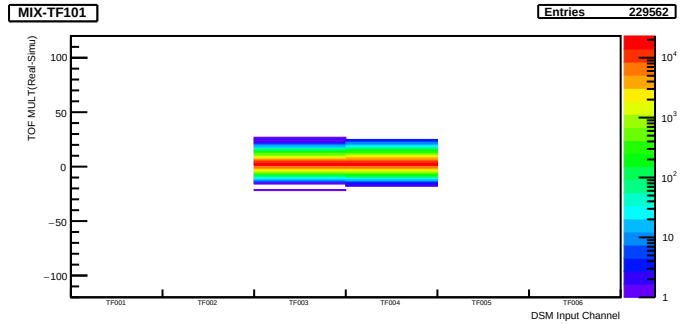

MIX-TF003
Entries 2851338
TOF MULT
TOF tray

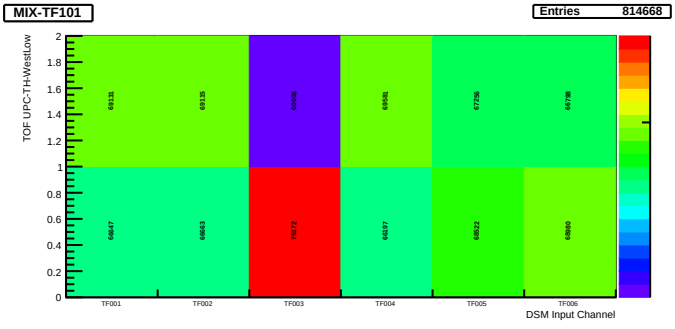

MIX-TF004
Entries 2851338
TOF MULT
TOF tray

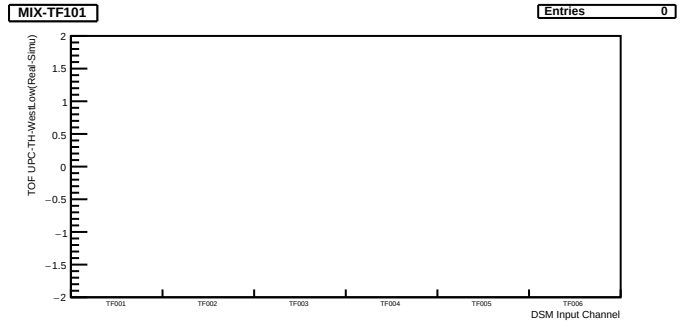

MIX-TF005
Entries 2851338
TOF MULT
TOF tray

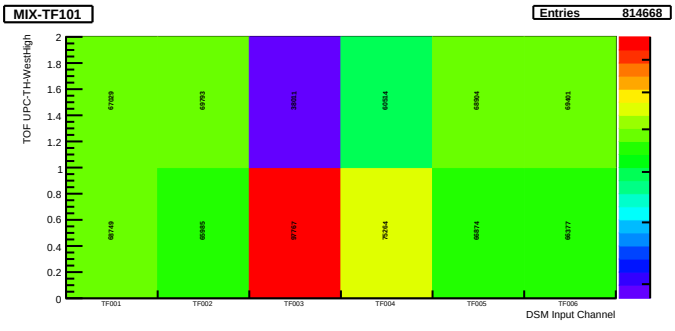

MIX-TF006
Entries 2851338
TOF MULT
TOF tray

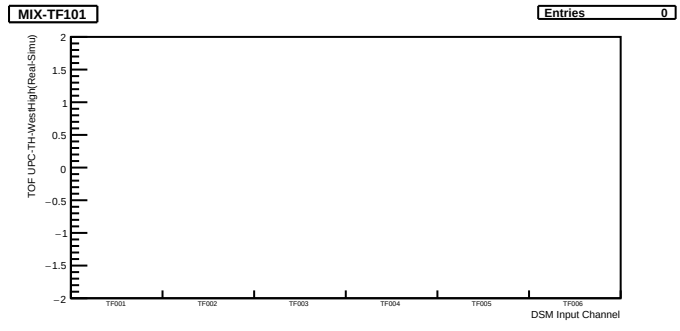

MIX-TF101
Entries 814668
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

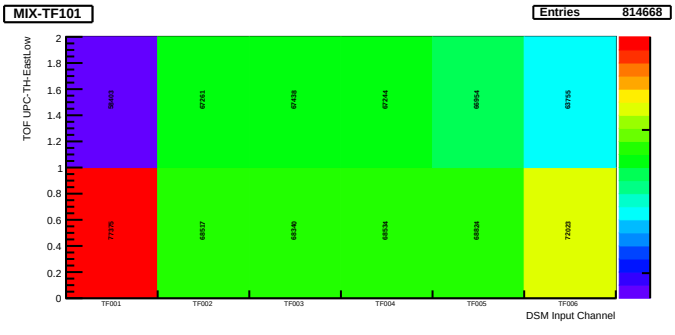

MIX-TF101
Entries 229562
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

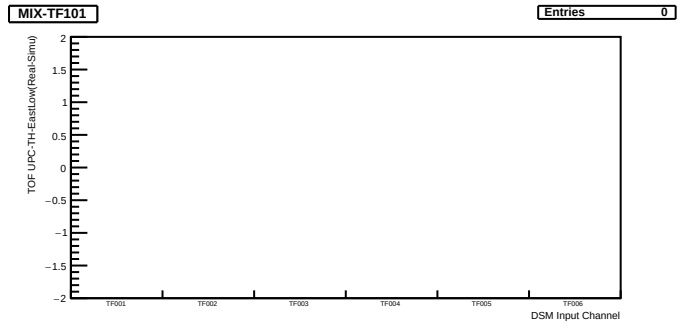

MIX-TF101
Entries 814668
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

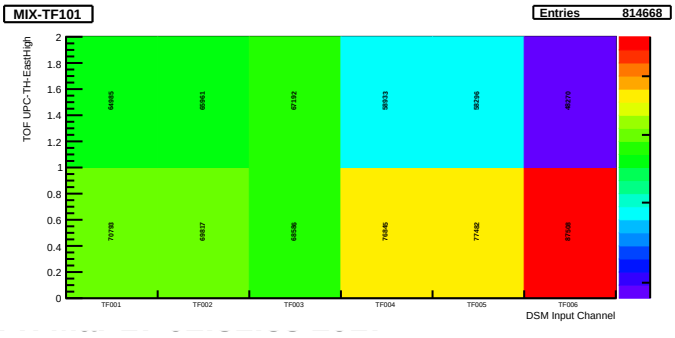

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

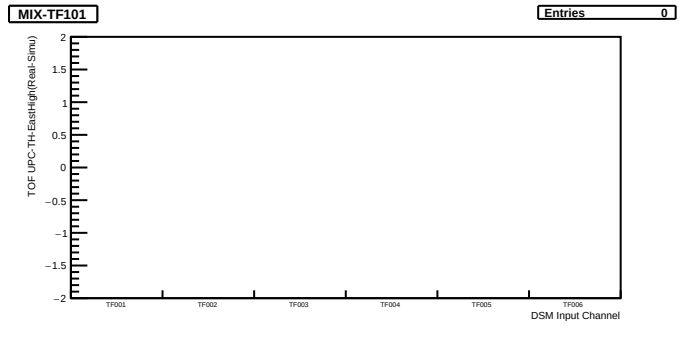

MIX-TF101
Entries 814668
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

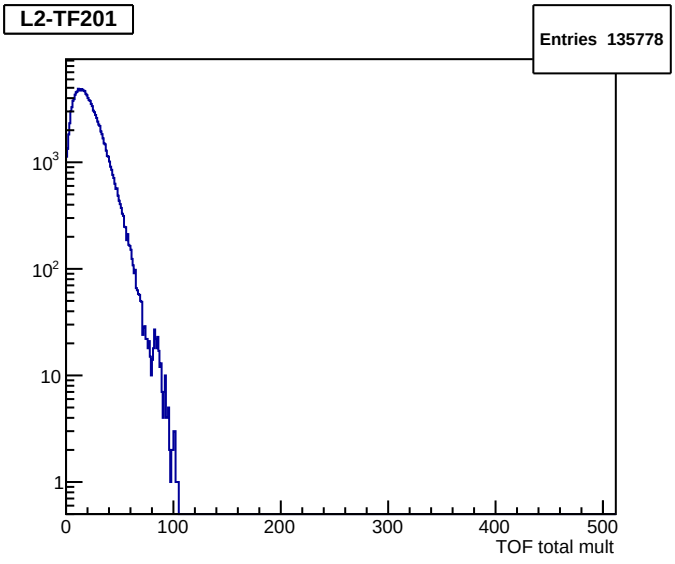

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

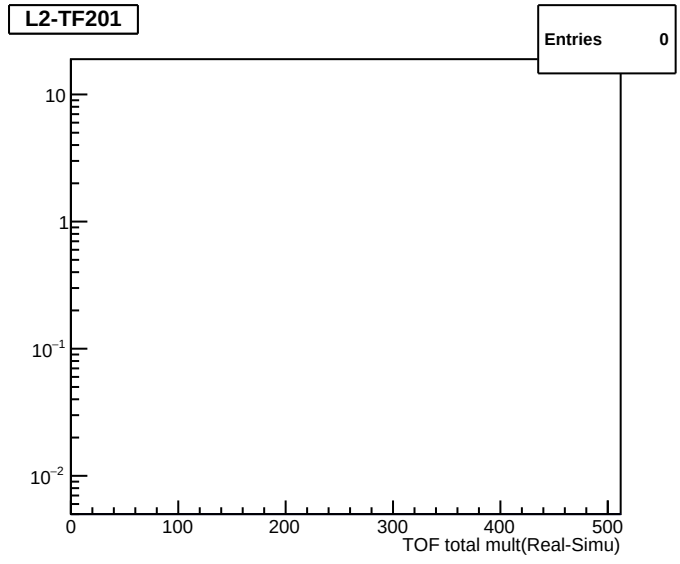

MIX-TF101
Entries 814668
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

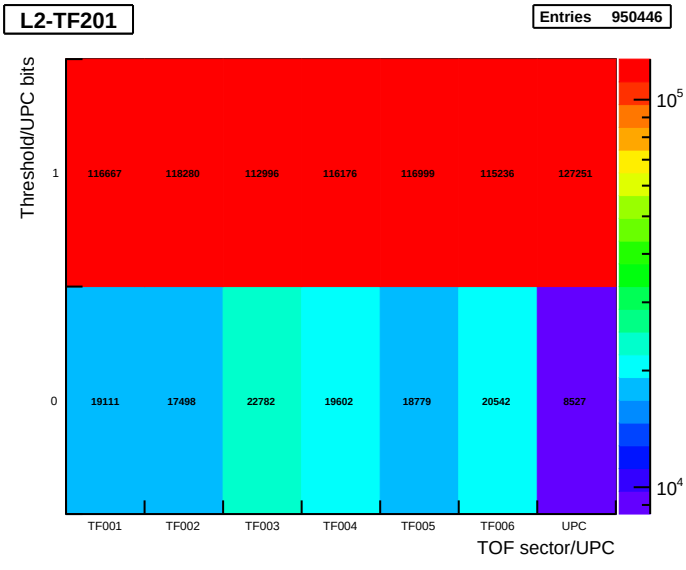

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

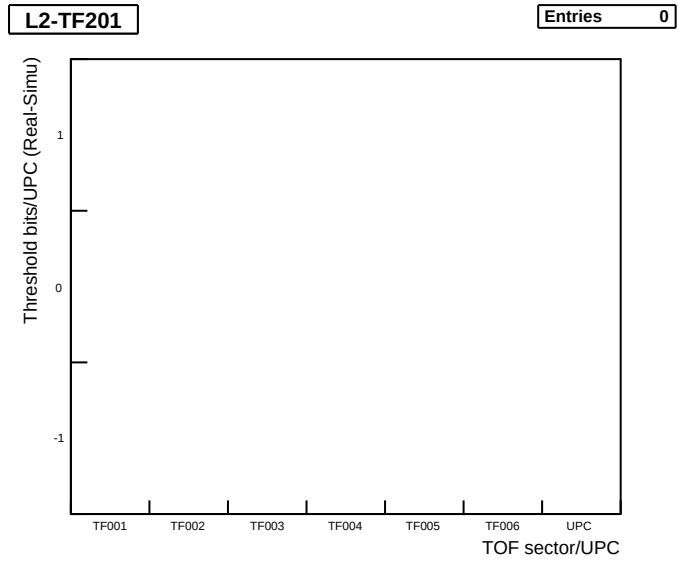

MIX-TF101
Entries 814668
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

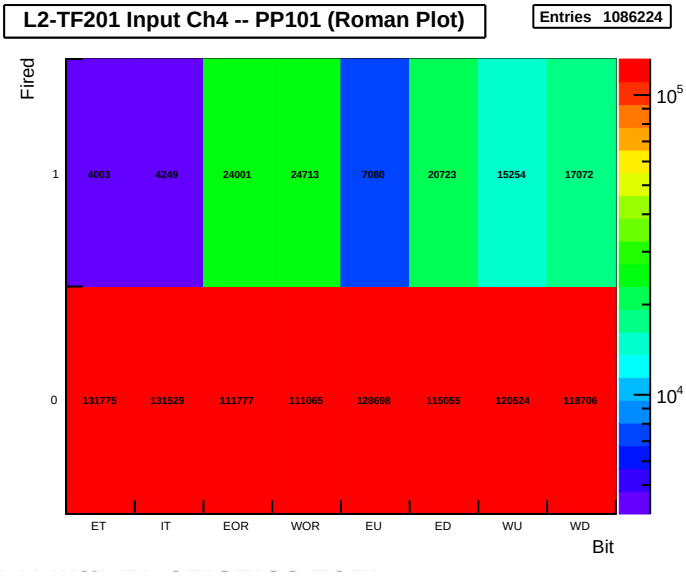

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

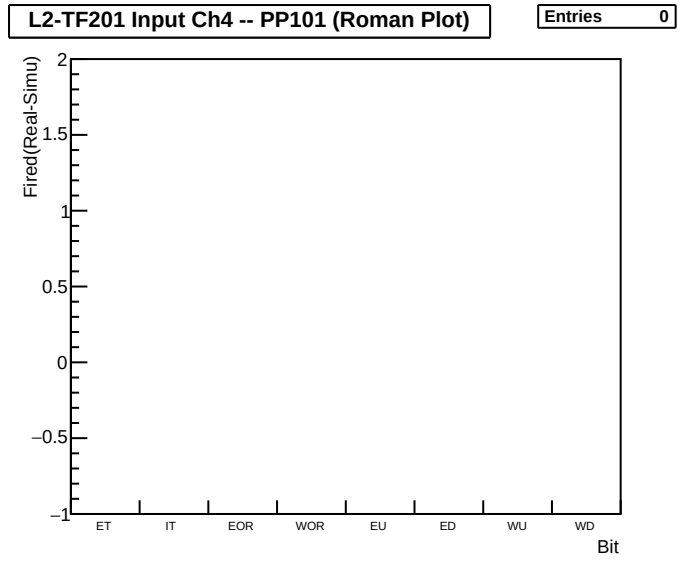

L2-TF201
Entries 135778
TOF total mult

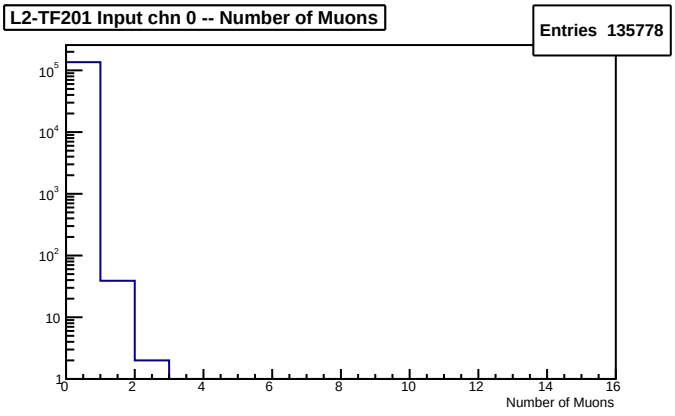

L2-TF201
Entries 0
TOF total mult(Real-Simu)

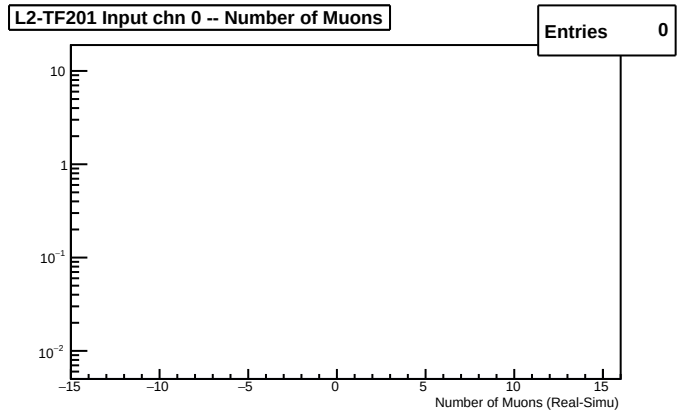

L2-TF201
Entries 950446
Threshold/UPC bits
116667
118280
112996
116176
116999
115236
127251
19111
17498
22782
19602
18779
20542
8527
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

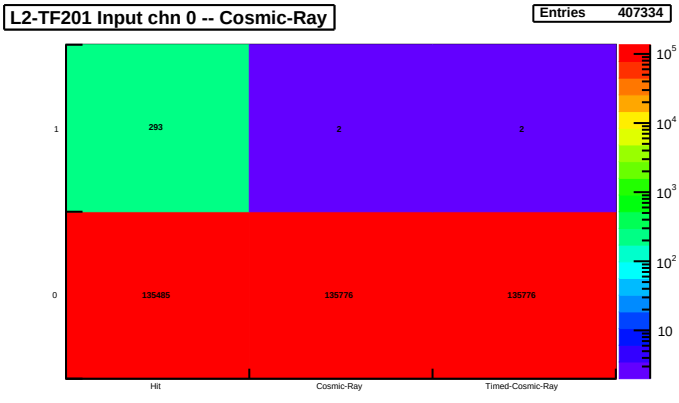

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

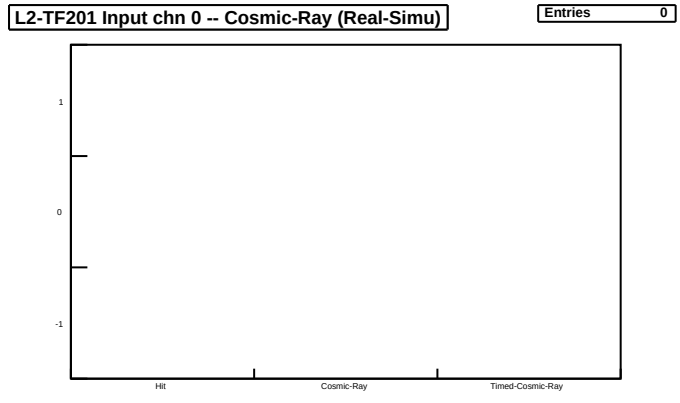

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 1086224
Fired
4003
4249
24001
24713
7080
20723
15254
17072
131775
131529
111777
111065
128698
115055
120524
118706
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

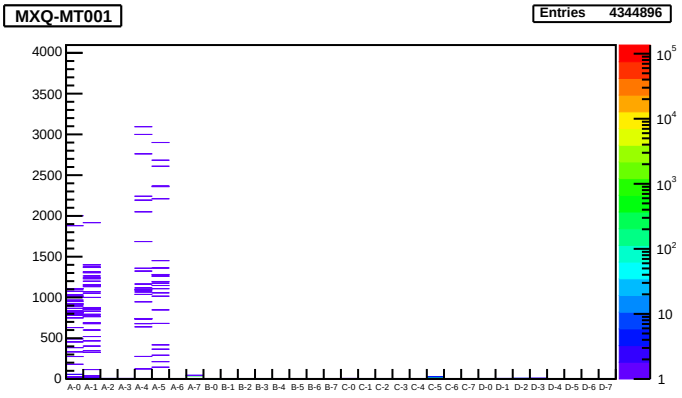

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

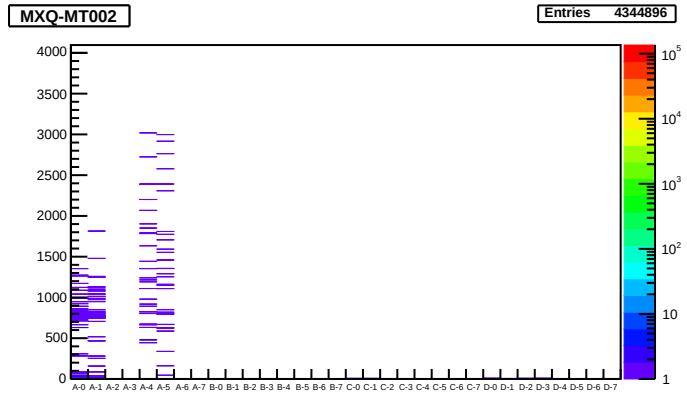

L2-TF201 Input chn 0 -- Number of Muons
Entries 135778
Number of Muons

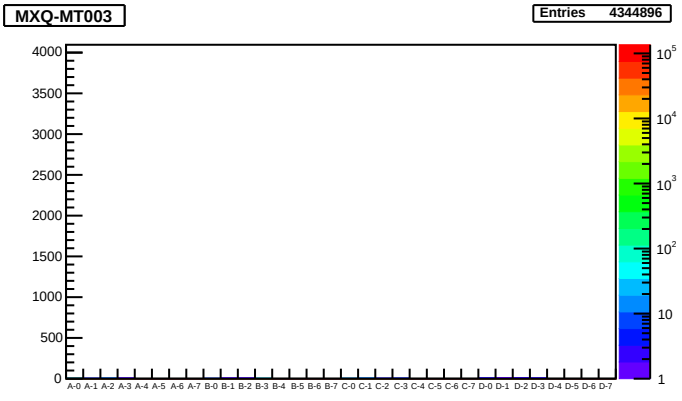

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

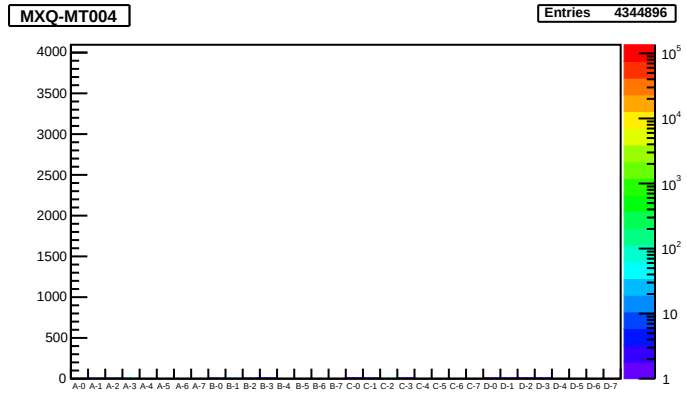

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 407334
293
2
2
135485
135776
135776
Hit
Cosmic-Ray
Timed-Cosmic-Ray


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


MXQ-MT001
Entries 4344896
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
10^5
10^4
10^3
10^2
10
1


MXQ-MT002
Entries 4344896
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
10^5
10^4
10^3
10^2
10
1


MXQ-MT003
Entries 4344896
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
10^5
10^4
10^3
10^2
10
1


MXQ-MT004
Entries 4344896
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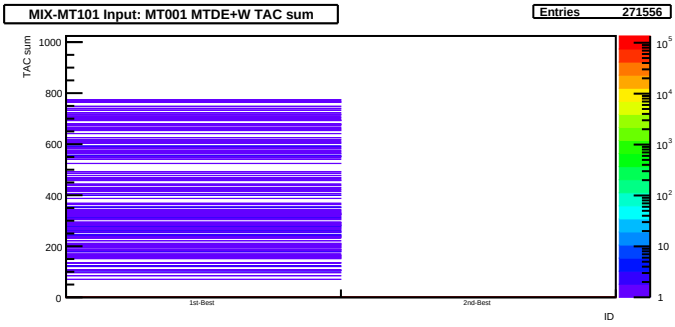
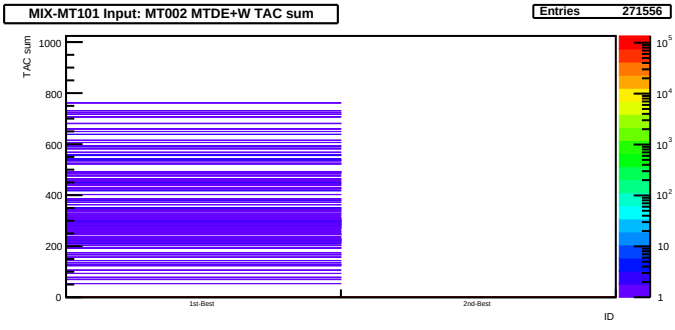
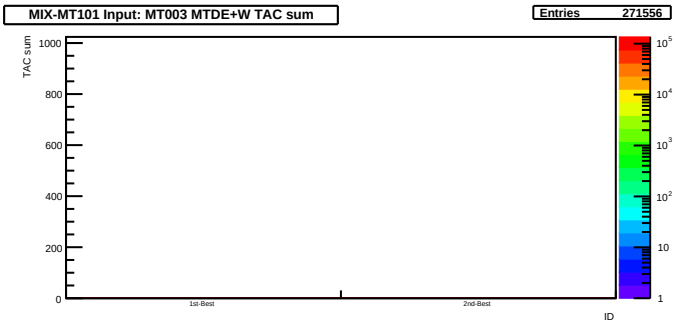
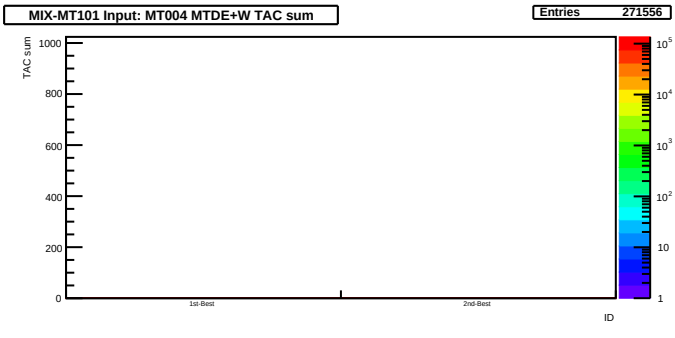
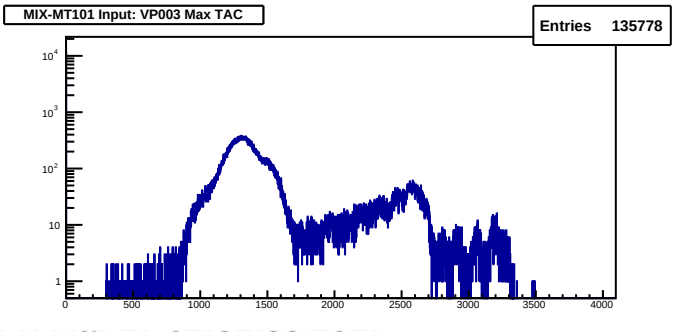
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^5
10^4
10^3
10^2
10
1

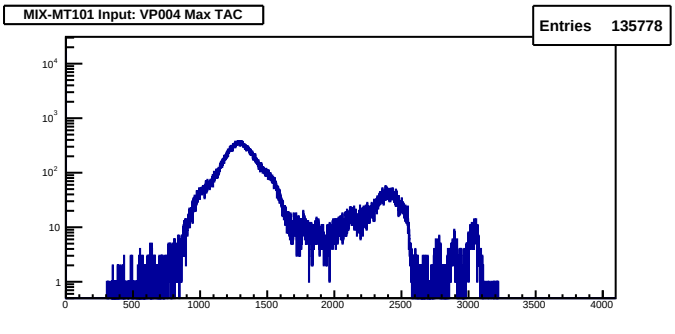

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 271556
TAC sum
1st-Best
2nd-Best
ID

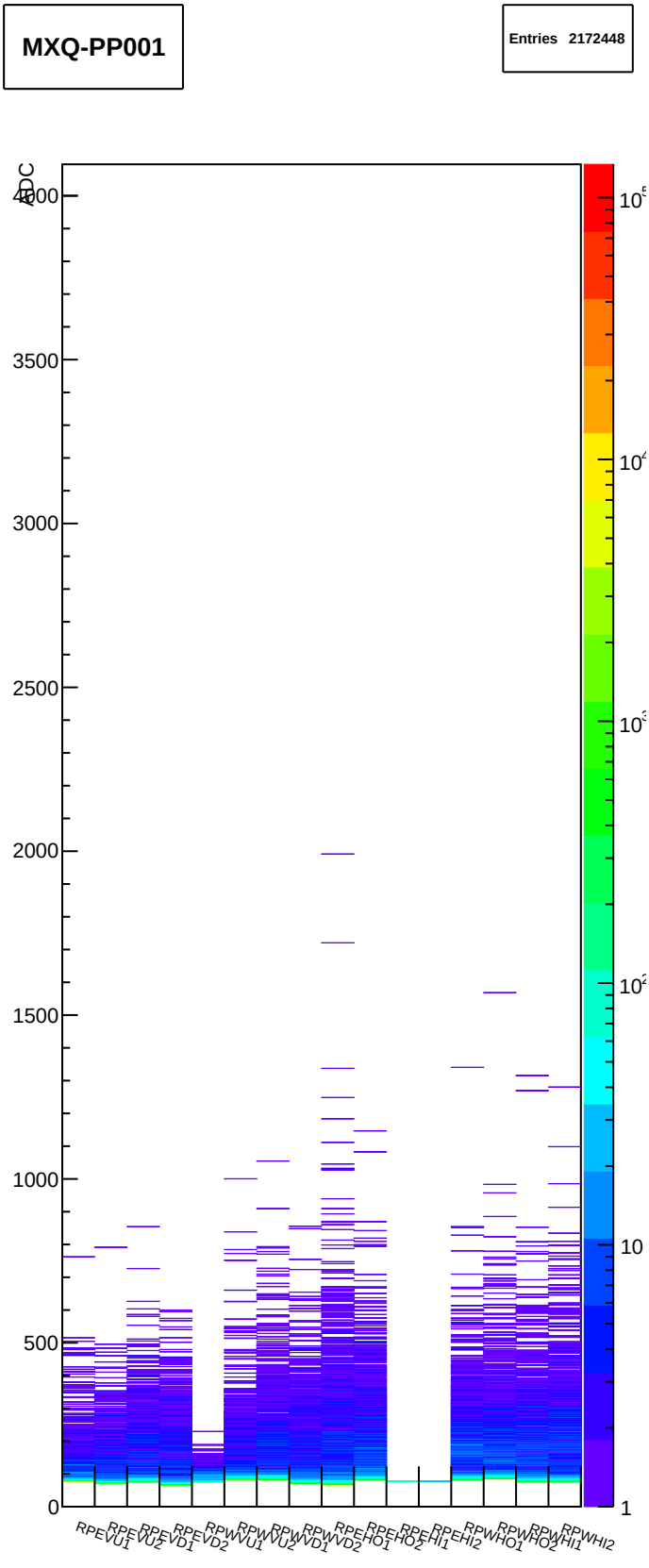

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 271556
TAC sum
1st-Best
2nd-Best
ID

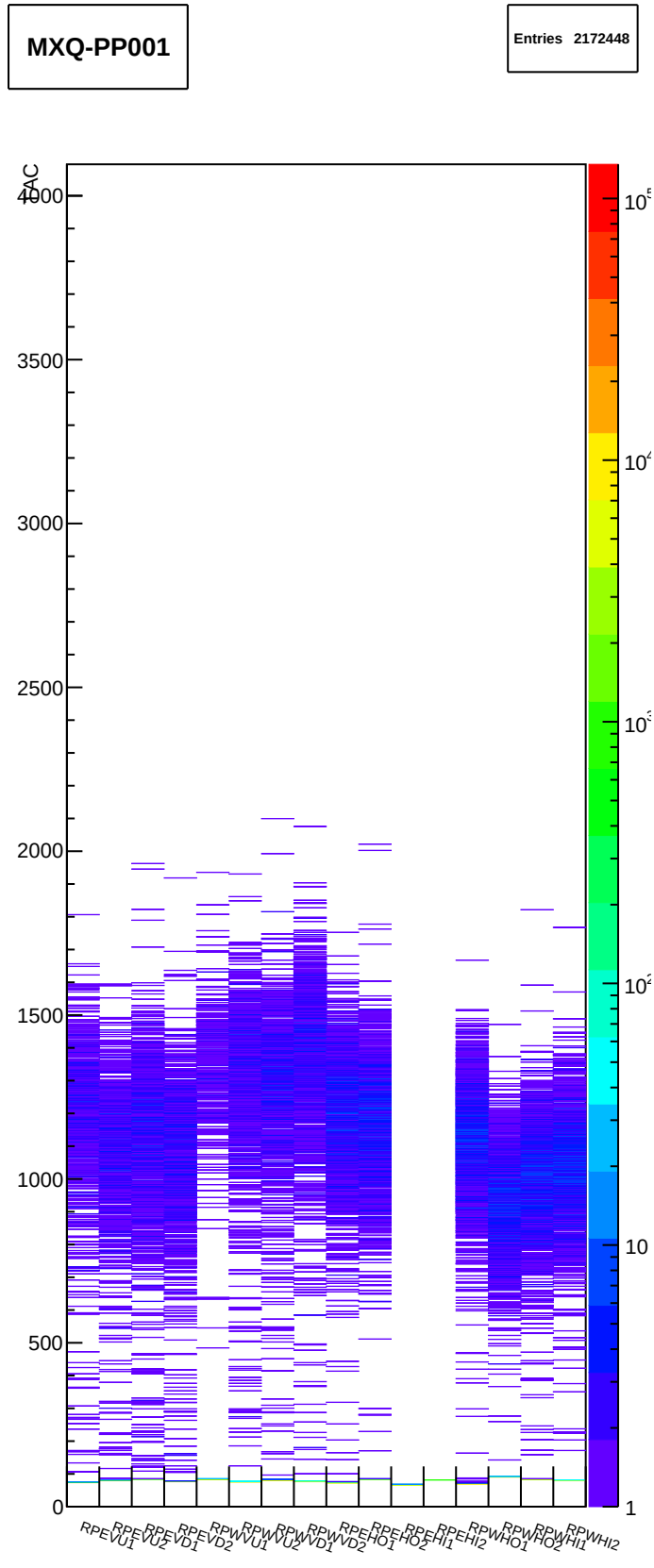

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 271556
TAC sum
1st-Best
2nd-Best
ID

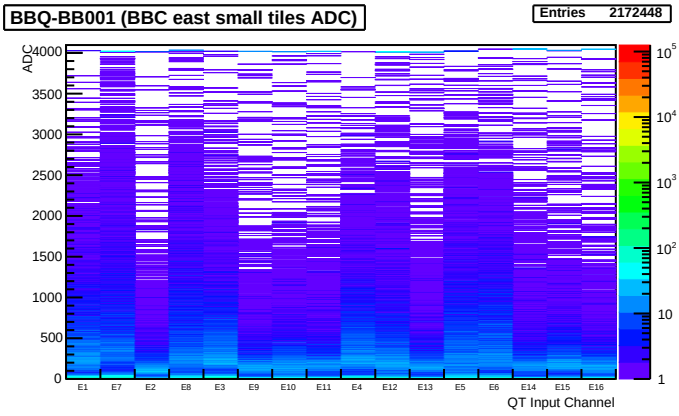

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 271556
TAC sum
1st-Best
2nd-Best
ID

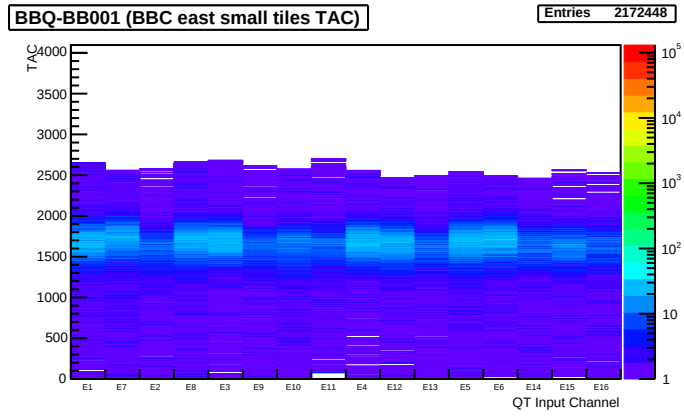

MIX-MT101 Input: VP003 Max TAC
Entries 135778

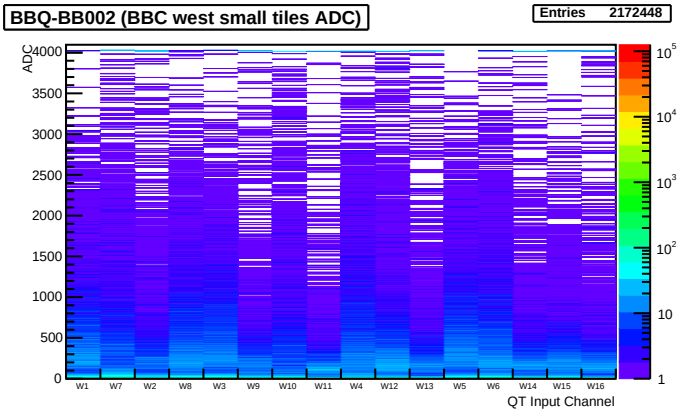

MIX-MT101 Input: VP004 Max TAC
Entries 135778

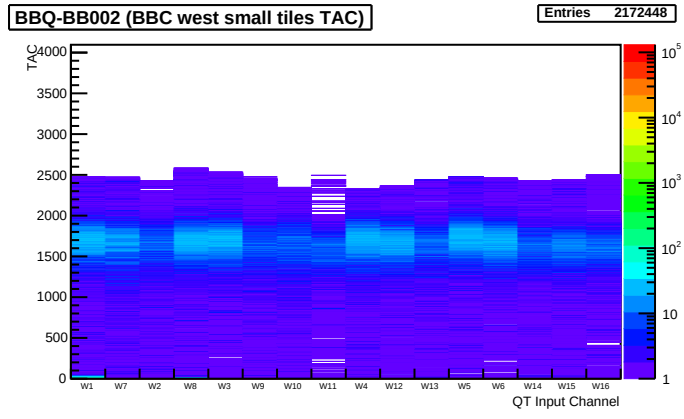

MXQ-PP001
Entries 2172448
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^5
10^4
10^3
10^2
10
1

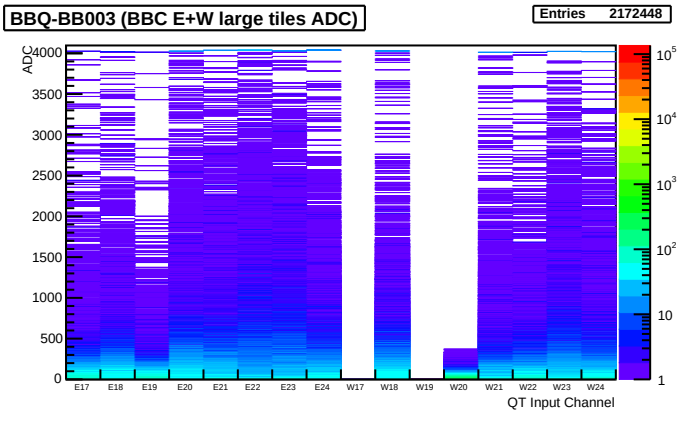

MXQ-PP001
Entries 2172448
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^5
10^4
10^3
10^2
10
1

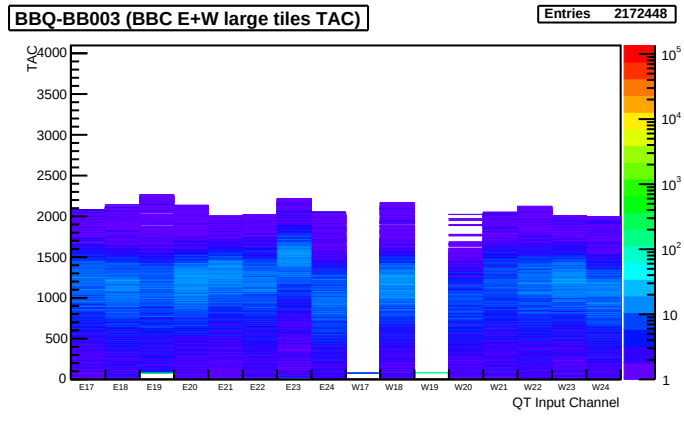

BBQ-BB001 (BBC east small tiles ADC)
Entries 2172448
ADC
QT Input Channel

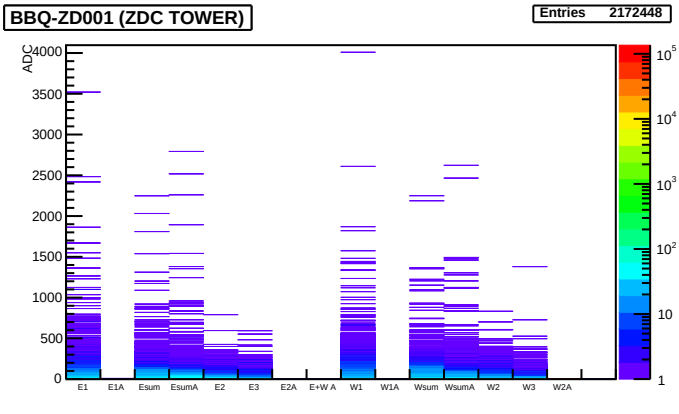

BBQ-BB001 (BBC east small tiles TAC)
Entries 2172448
TAC
QT Input Channel

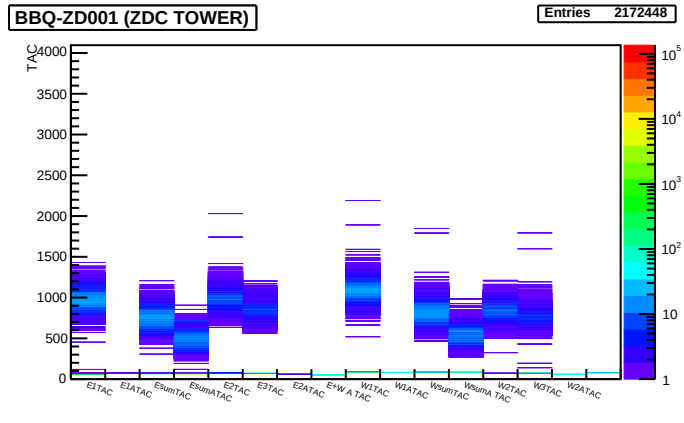

BBQ-BB002 (BBC west small tiles ADC)
Entries 2172448
ADC
QT Input Channel

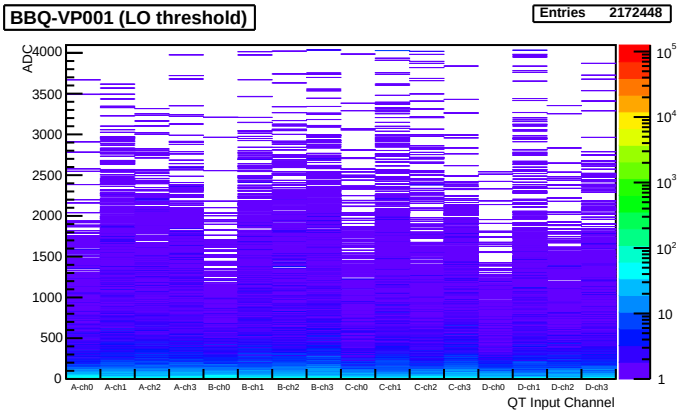

BBQ-BB002 (BBC west small tiles TAC)
Entries 2172448
TAC
QT Input Channel

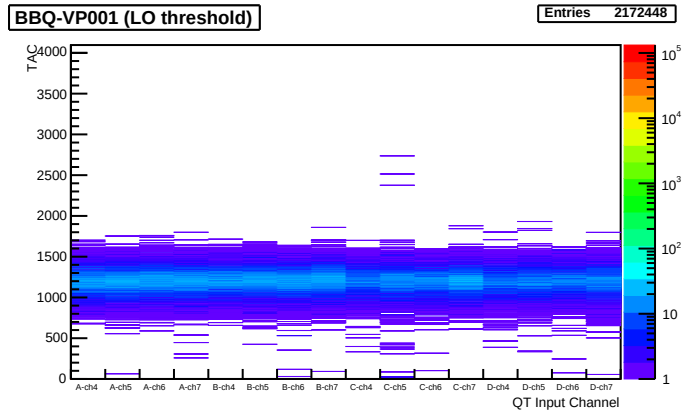

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 2172448
ADC
QT Input Channel

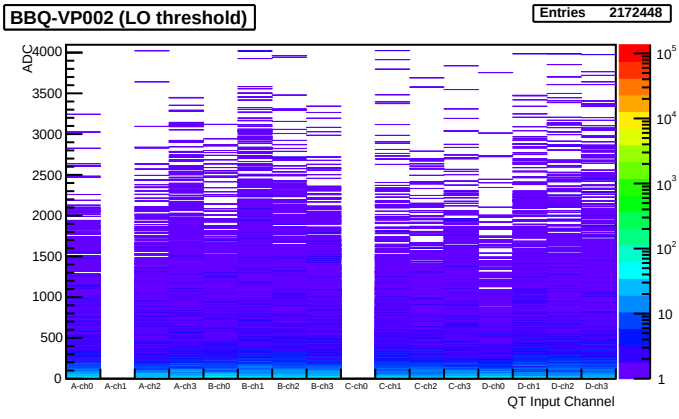

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 2172448
TAC
QT Input Channel

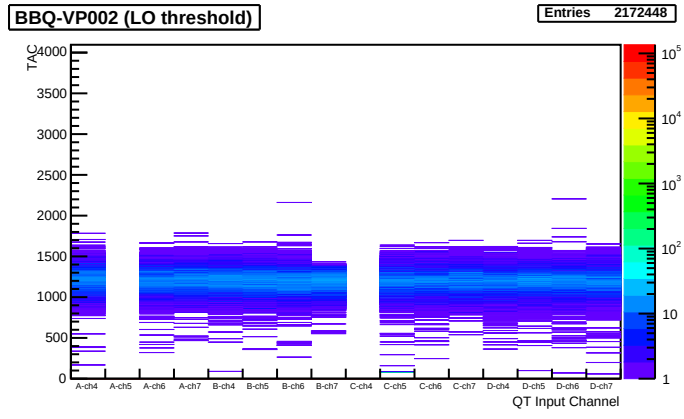

BBQ-ZD001 (ZDC TOWER)
Entries 2172448
ADC

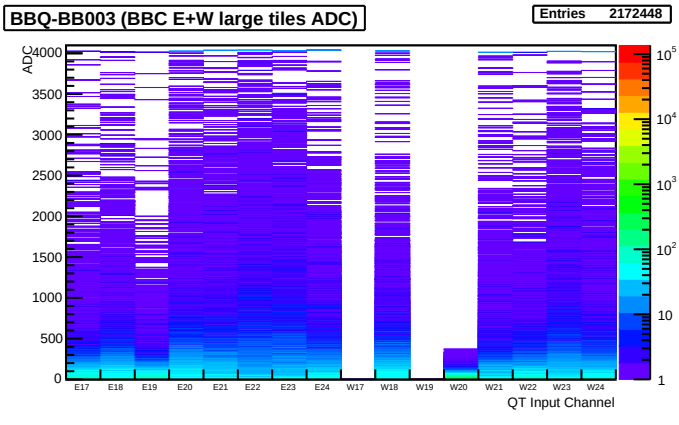

BBQ-ZD001 (ZDC TOWER)
Entries 2172448
TAC

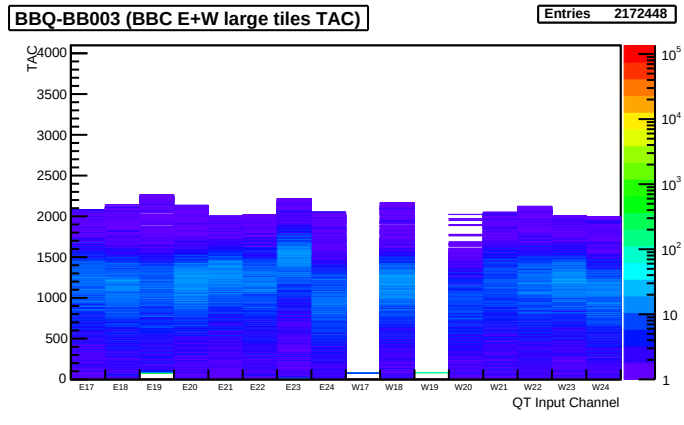

BBQ-VP001 (LO threshold)
Entries 2172448
ADC
QT Input Channel

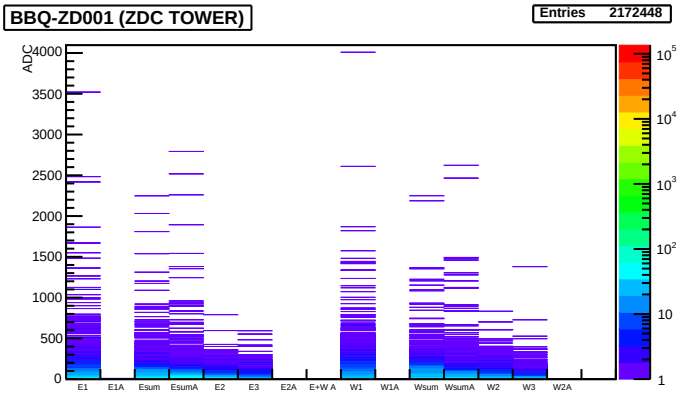

BBQ-VP001 (LO threshold)
Entries 2172448
TAC
QT Input Channel

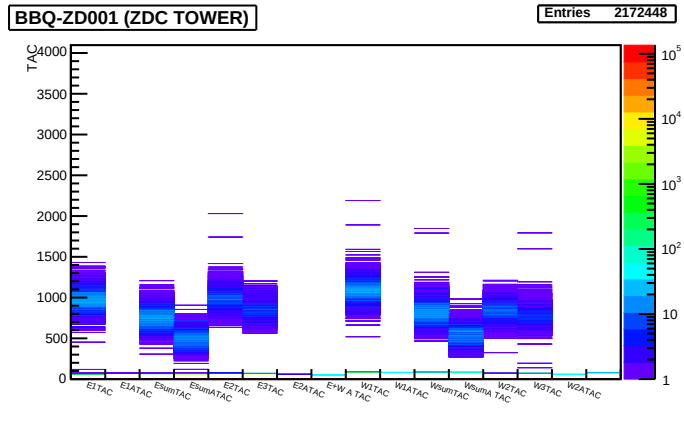

BBQ-VP002 (LO threshold)
Entries 2172448
ADC
QT Input Channel

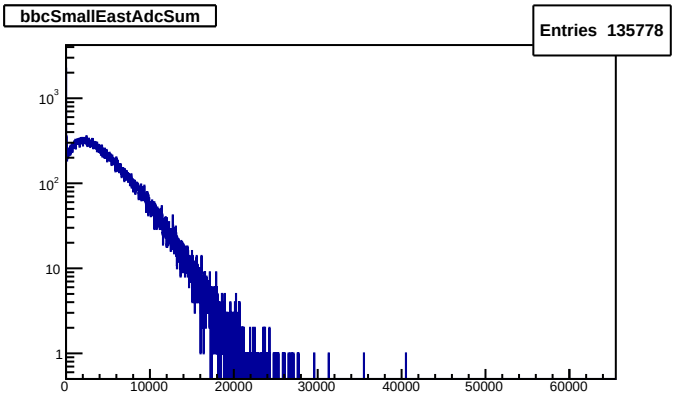

BBQ-VP002 (LO threshold)
Entries 2172448
TAC
QT Input Channel

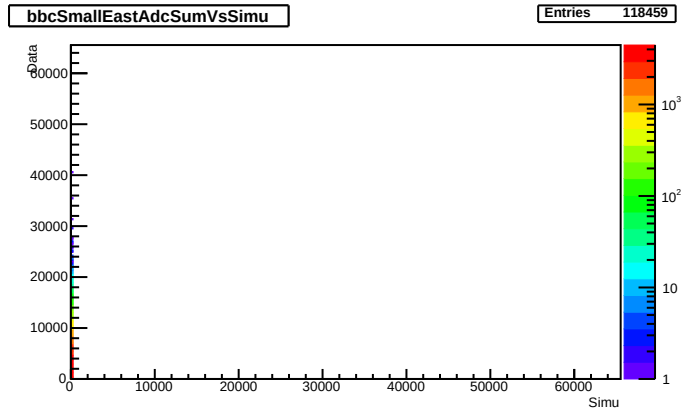

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 2172448
ADC
QT Input Channel

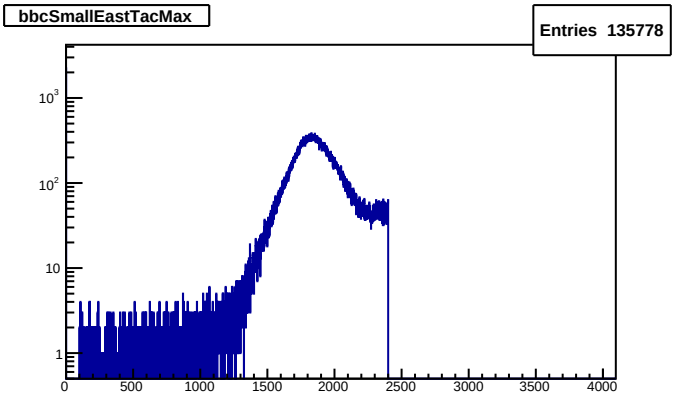

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 2172448
TAC
QT Input Channel

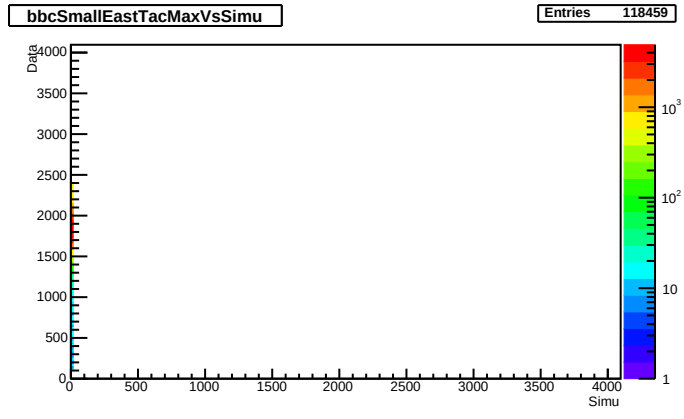

BBQ-ZD001 (ZDC TOWER)
Entries 2172448
ADC

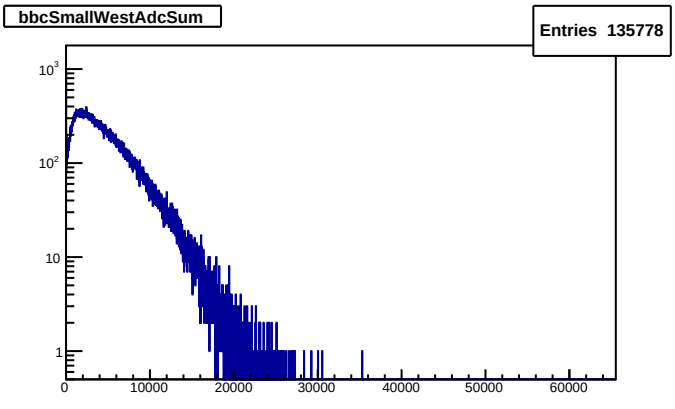

BBQ-ZD001 (ZDC TOWER)
Entries 2172448
TAC

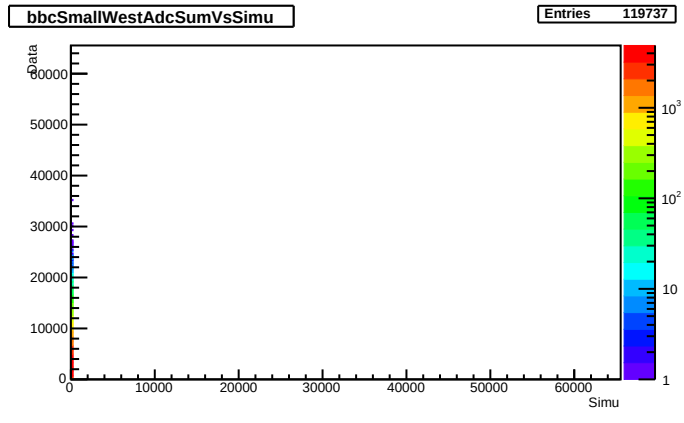

bbcSmallEastAdcSum
Entries 135778

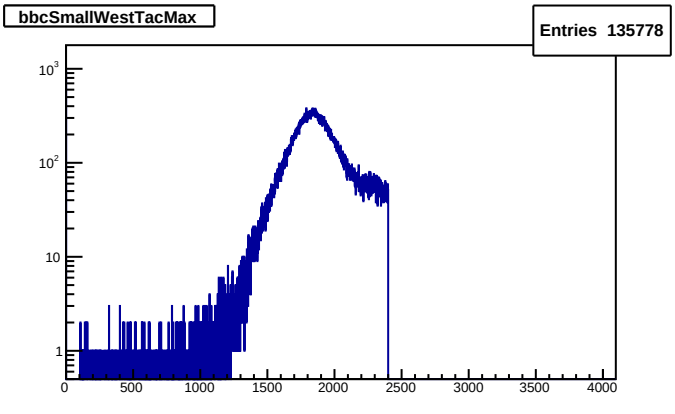

bbcSmallEastAdcSumVsSimu
Entries 118459
Data
Simu

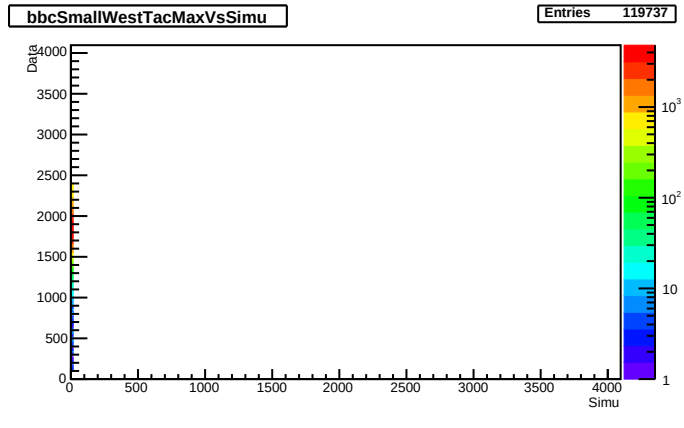

bbcSmallEastTacMax
Entries 135778

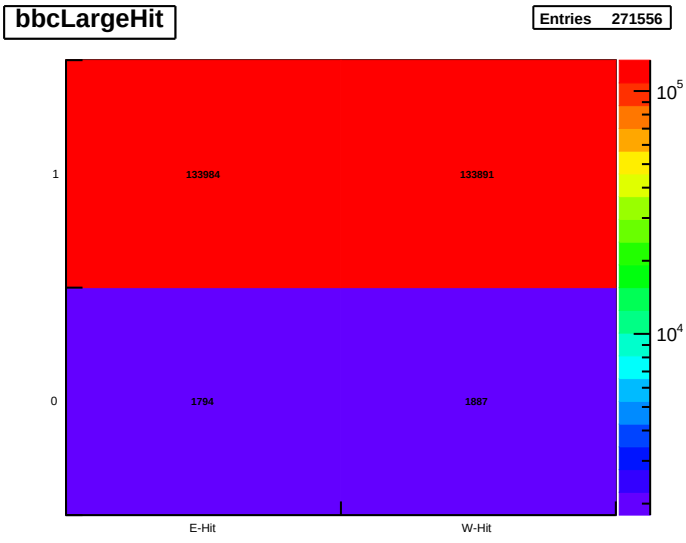

bbcSmallEastTacMaxVsSimu
Entries 118459
Data
Simu

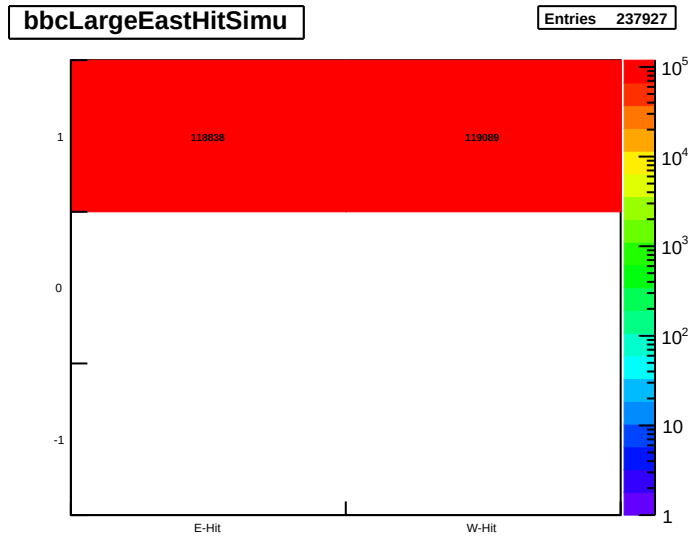

bbcSmallWestAdcSum
Entries 135778

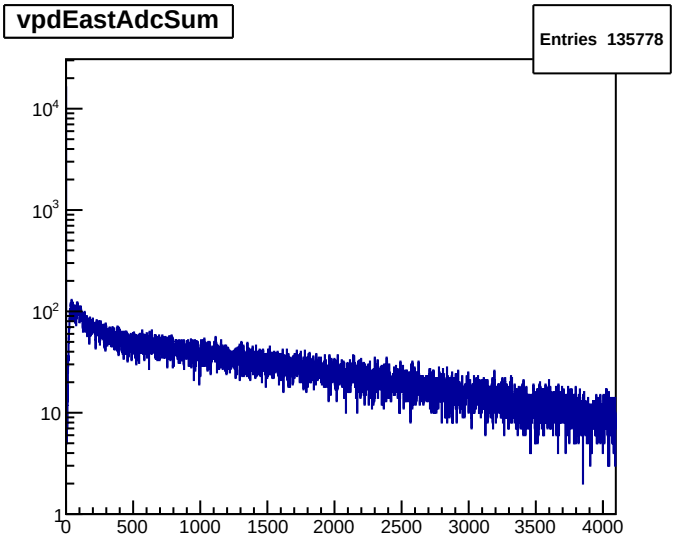

bbcSmallWestAdcSumVsSimu
Entries 119737
Data
Simu

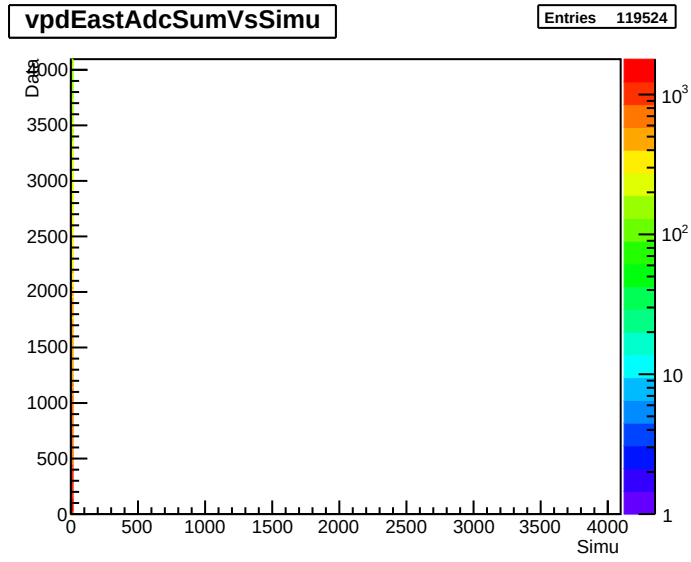

bbcSmallWestTacMax
Entries 135778

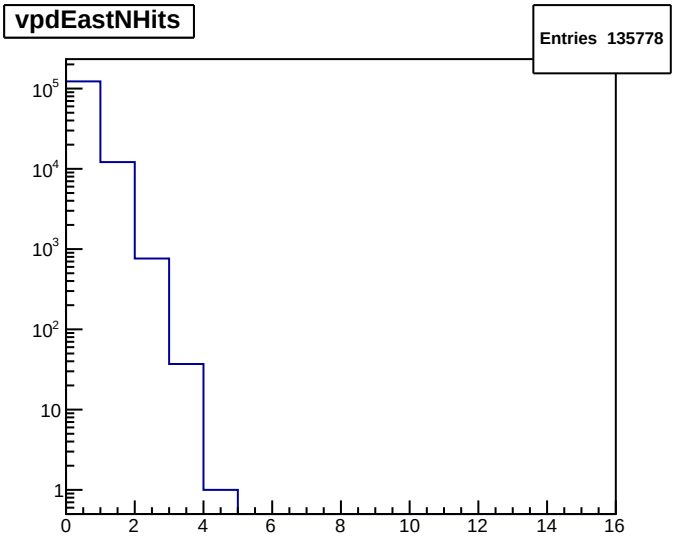

bbcSmallWestTacMaxVsSimu
Entries 119737
Data
Simu

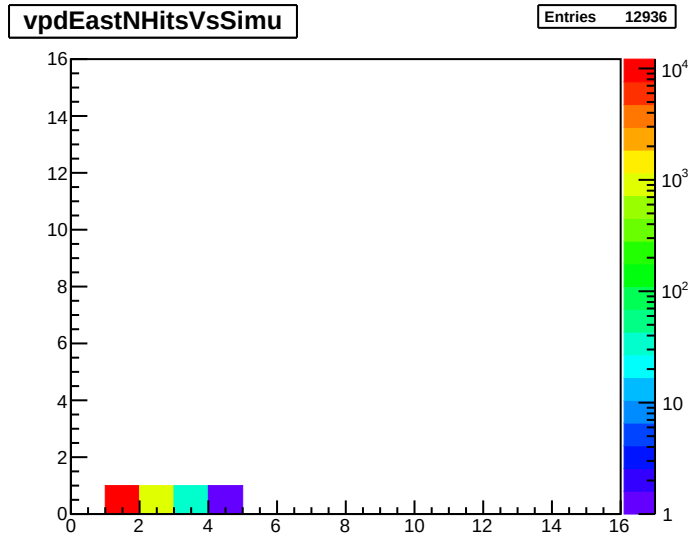

bbcLargeHit
Entries 271556
133984
133891
1794
1887
1
0
E-Hit
W-Hit
10^5
10^4

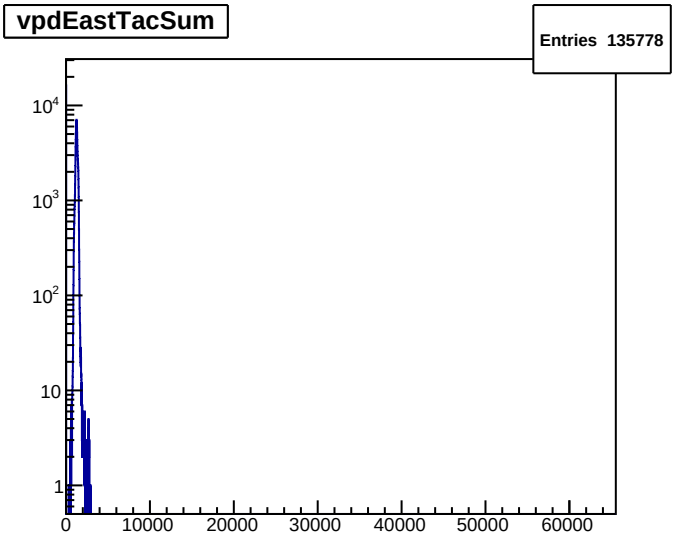

bbcLargeEastHitSimu
Entries 237927
118838
119089
1
0
-1
E-Hit
W-Hit
10^5
10^4
10^3
10^2
10
1

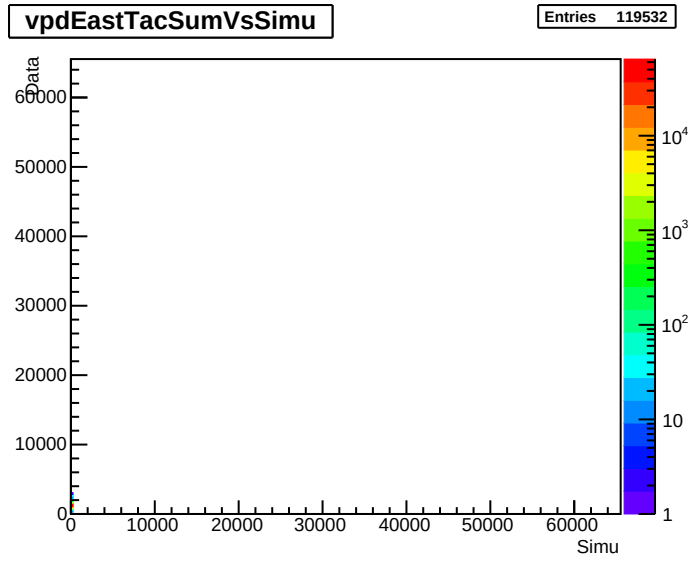

vpdEastAdcSum
Entries 135778

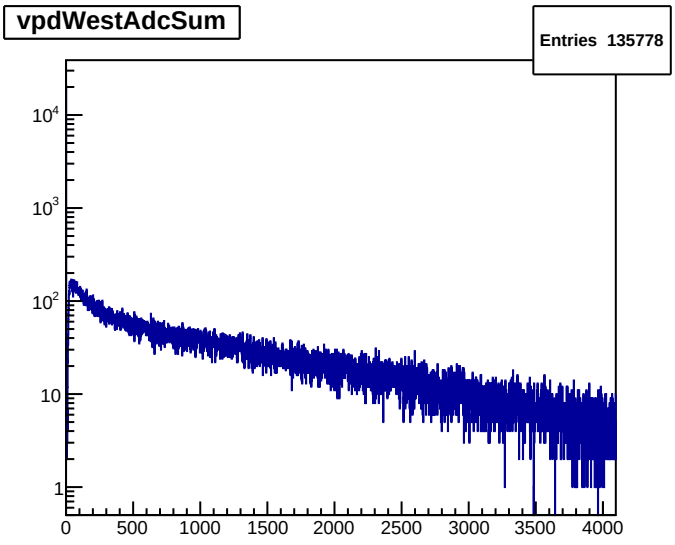

vpdEastAdcSumVsSimu
Entries 119524
Data
Simu

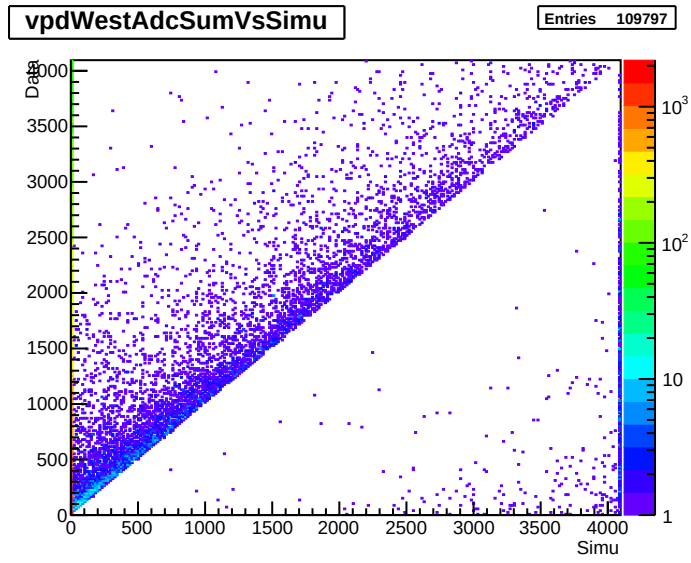

vpdEastNHits
Entries 135778

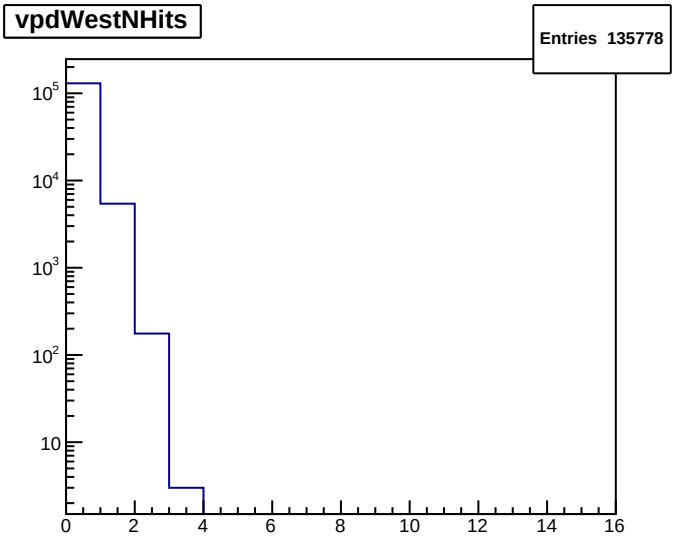

vpdEastNHitsVsSimu
Entries 12936

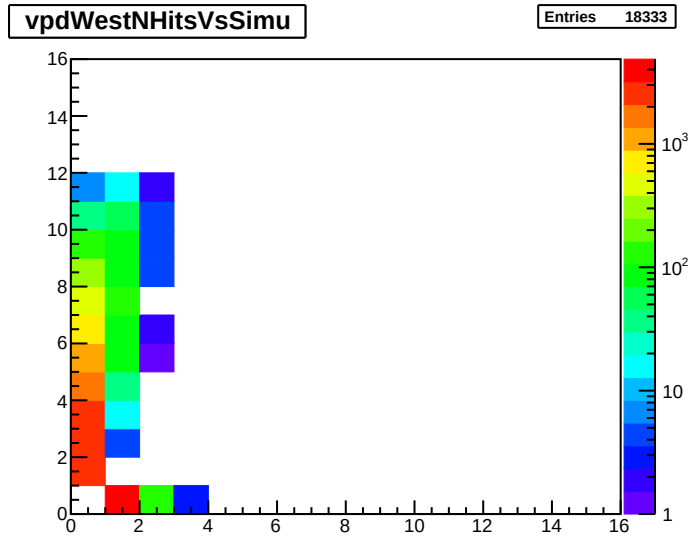

vpdEastTacSum
Entries 135778

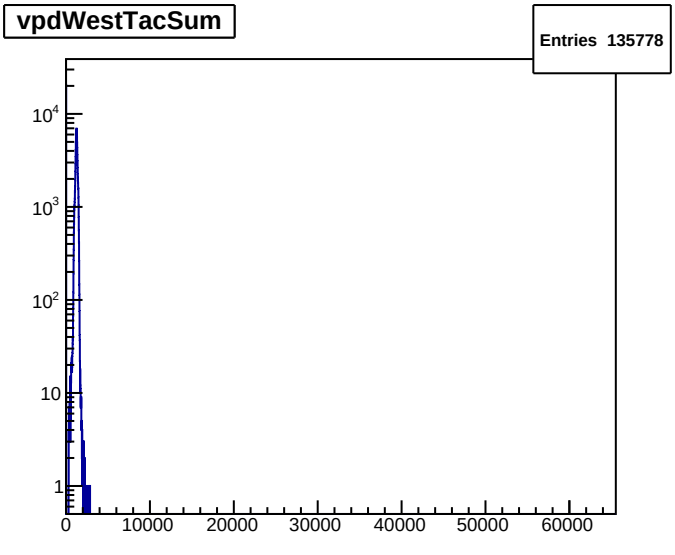

vpdEastTacSumVsSimu
Entries 119532
Data
Simu

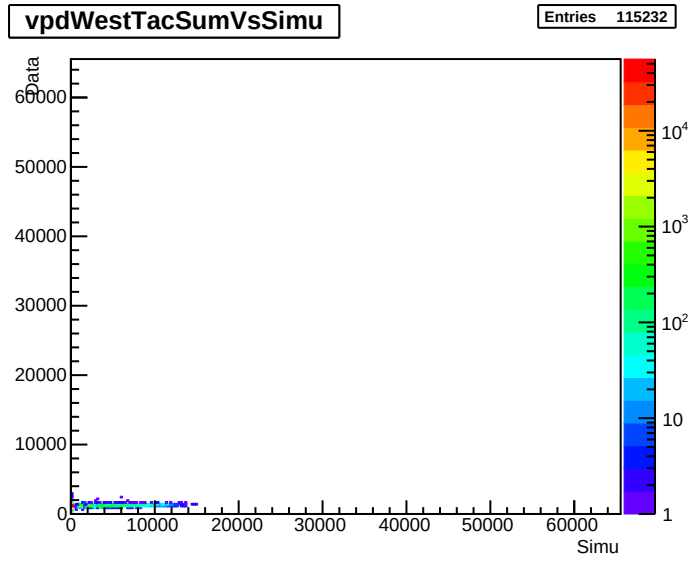

vpdWestAdcSum
Entries 135778

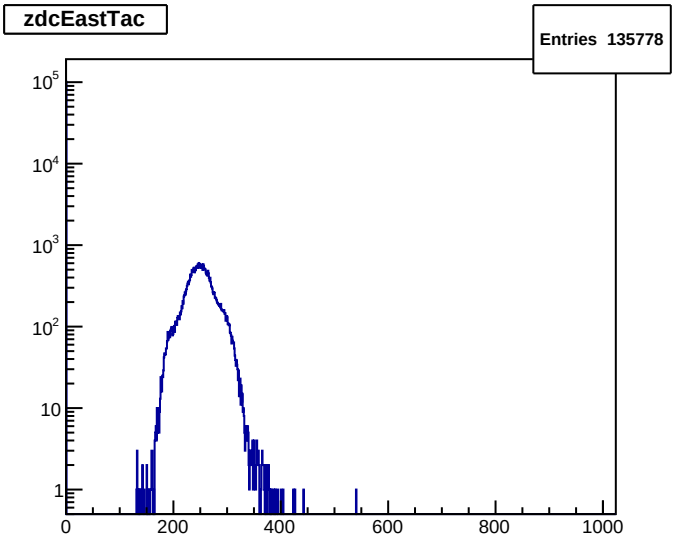

vpdWestAdcSumVsSimu
Entries 109797
Data
Simu

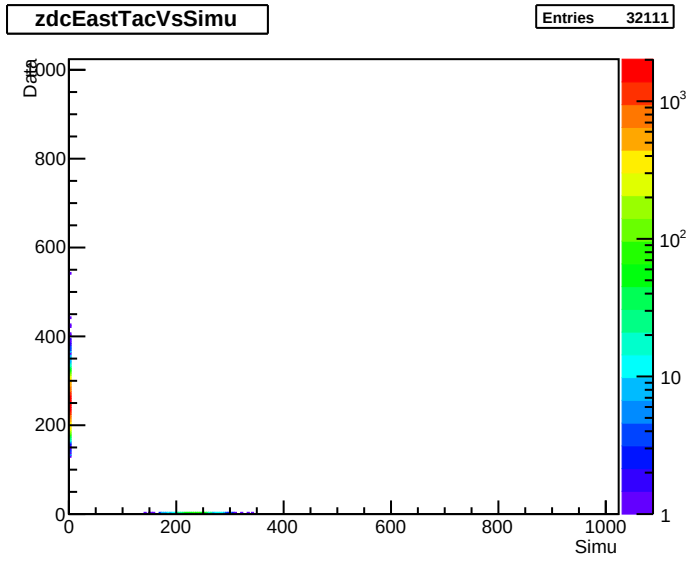

vpdWestNHits
Entries 135778

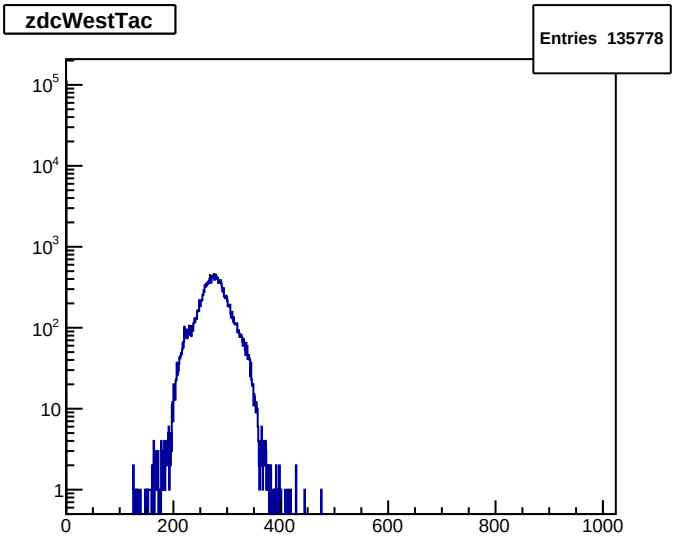

vpdWestNHitsVsSimu
Entries 18333

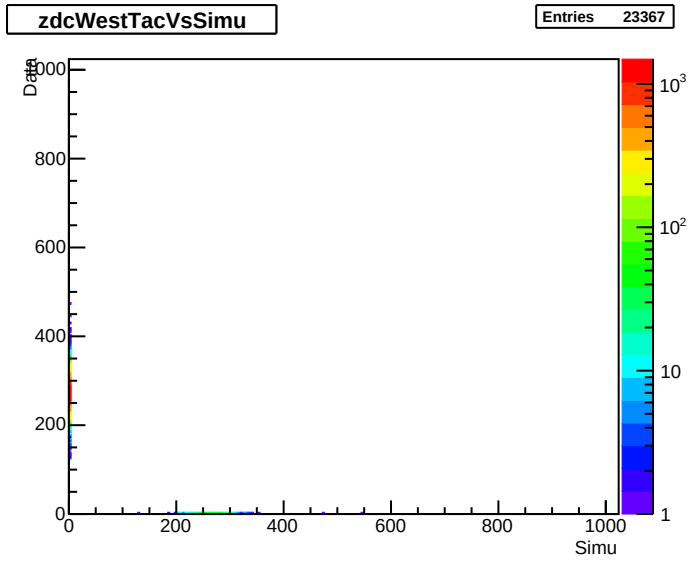

vpdWestTacSum
Entries 135778

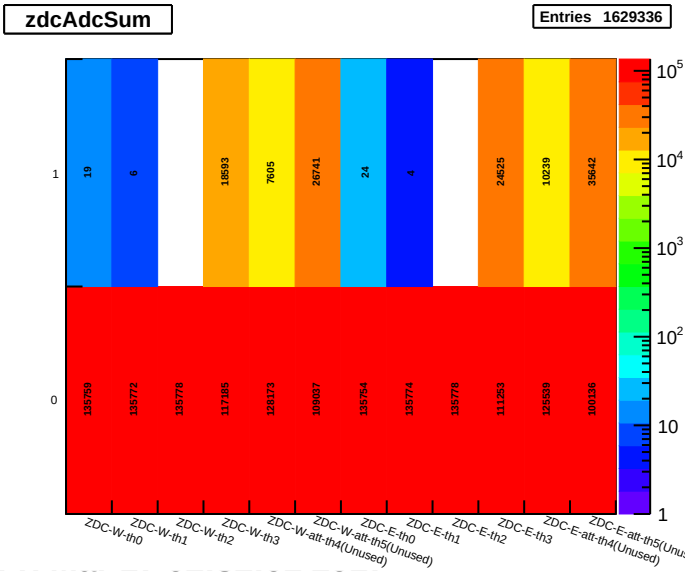

vpdWestTacSumVsSimu
Entries 115232
Data
Simu

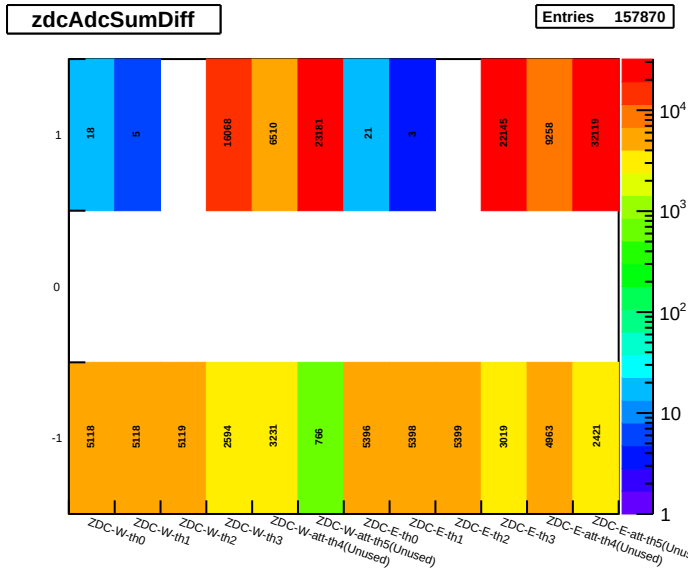

zdcEastTac
Entries 135778

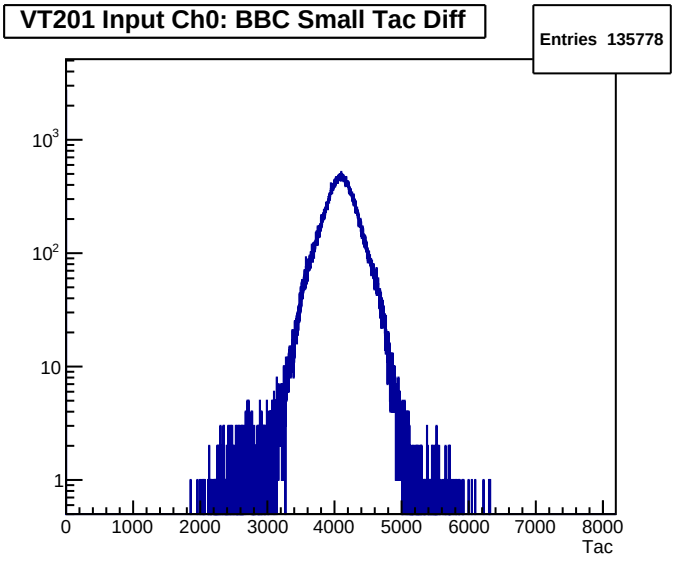

zdcEastTacVsSimu
Entries 32111
Data
Simu

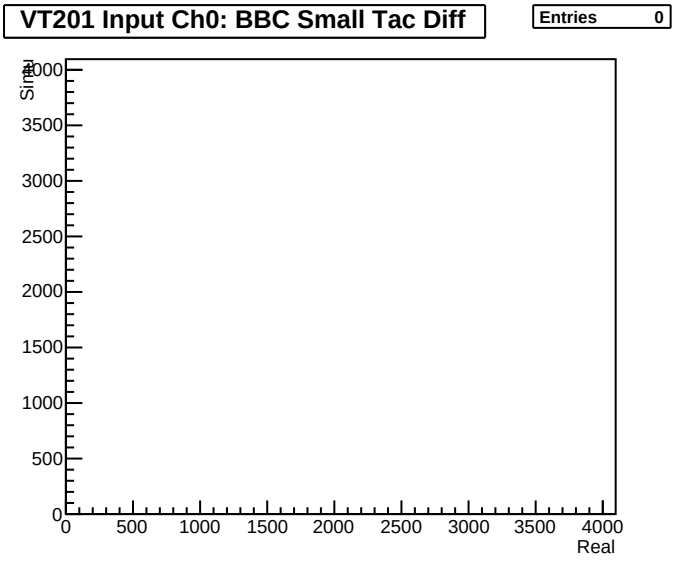

zdcWestTac
Entries 135778

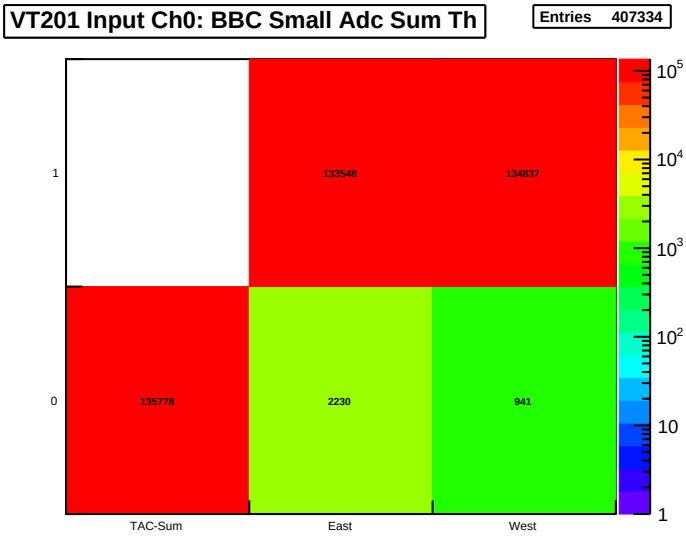

zdcWestTacVsSimu
Entries 23367
Data
Simu

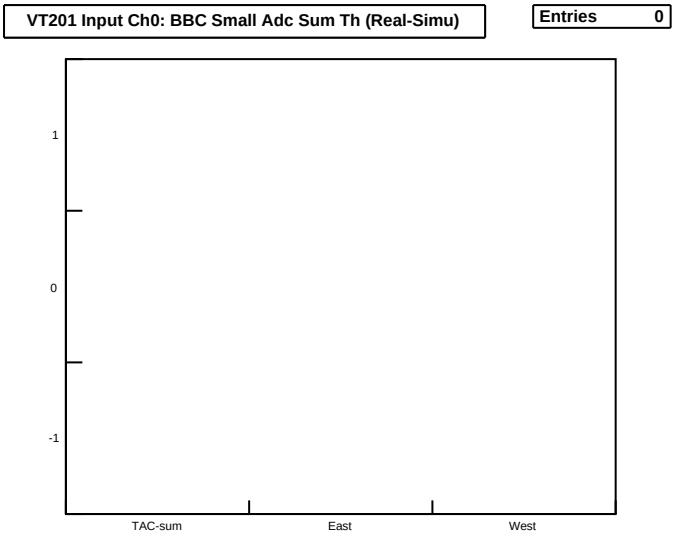

zdcAdcSum
Entries 1629336
19
6
18593
7605
26741
24
4
24625
10239
35642
135759
135772
135778
117185
128173
109037
135754
135774
135778
111263
125539
100136
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

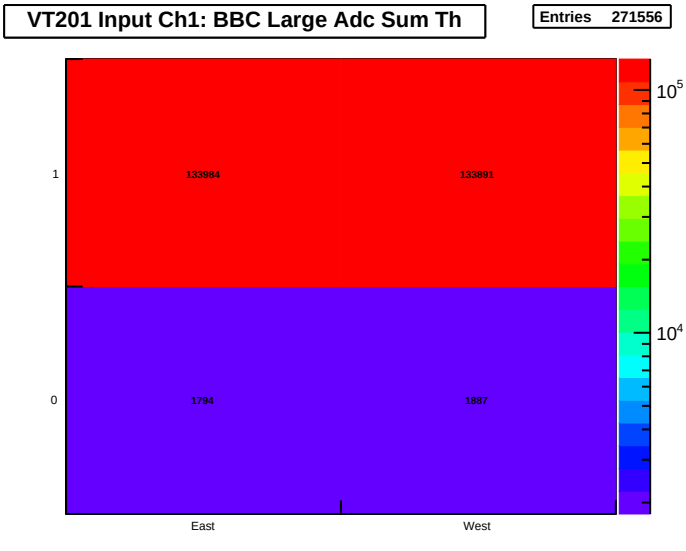

zdcAdcSumDiff
Entries 157870
18
5
16068
6510
23181
21
3
22145
9258
32119
5118
5118
5119
2594
3231
766
5396
5398
5399
3019
4963
2421
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

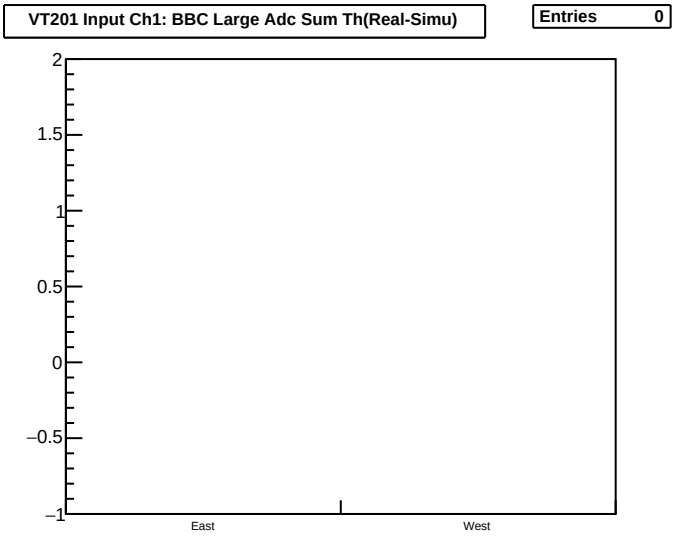

VT201 Input Ch0: BBC Small Tac Diff
Entries 135778
Tac


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

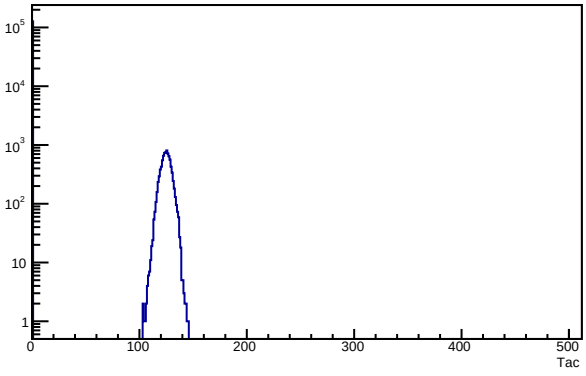

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 407334
133548
134837
135778
2230
941
TAC-Sum
East
West


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

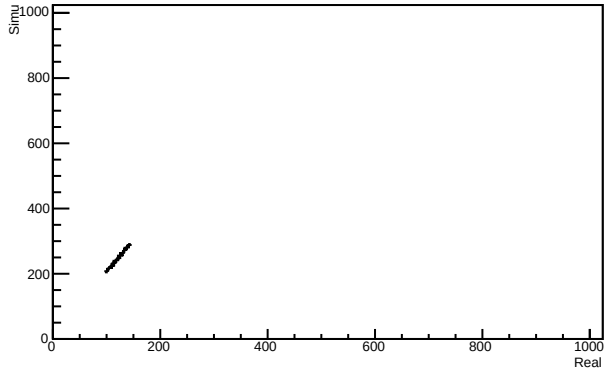

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 271556
133984
133891
1794
1887
East
West


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

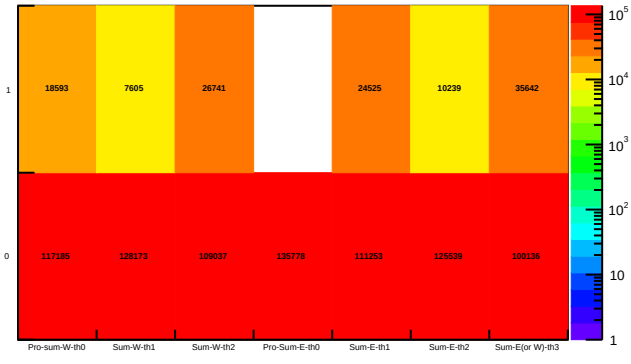
VT201 Input Ch2: ZDC Tac Diff



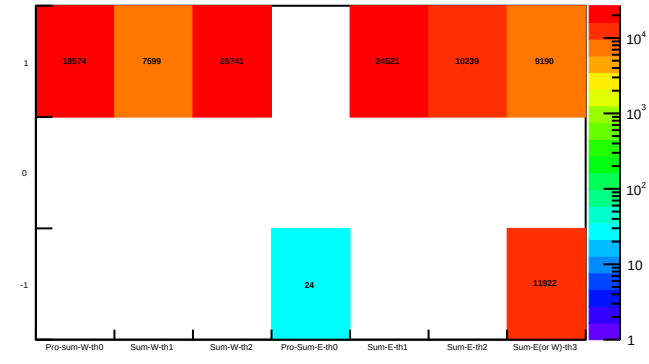
VT201 Input Ch2: ZDC Tac Diff



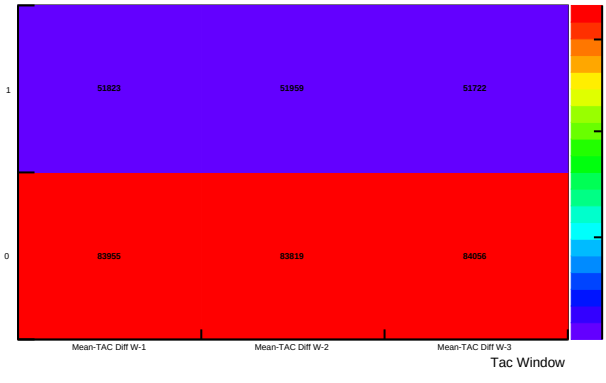
VT201 Input Ch2: ZDC Adc Sum Th



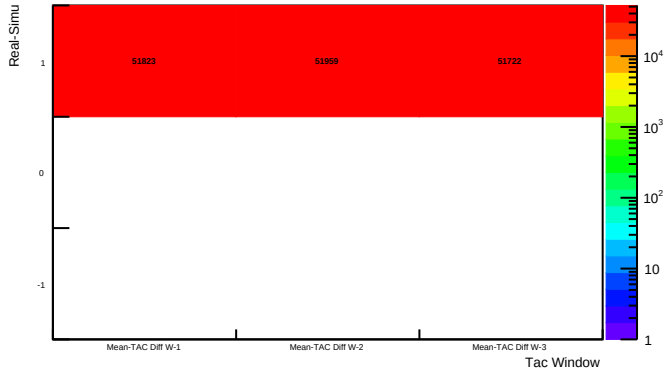
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



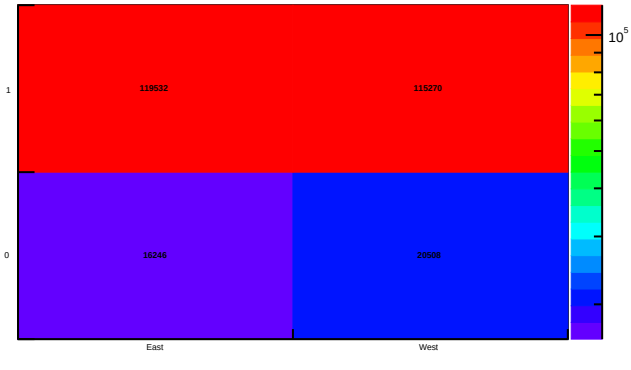
VT201 Input Ch4: VPD Tac Diff



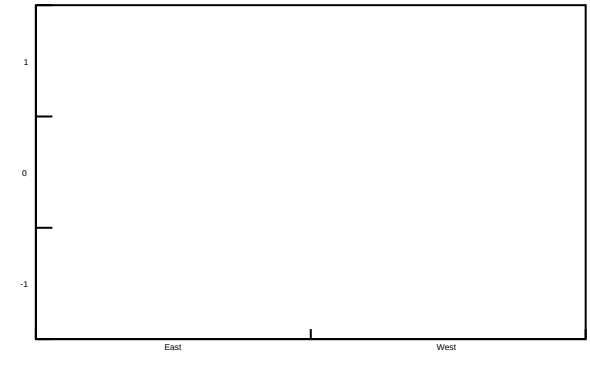
VT201 Input Ch4: VPD Tac Diff

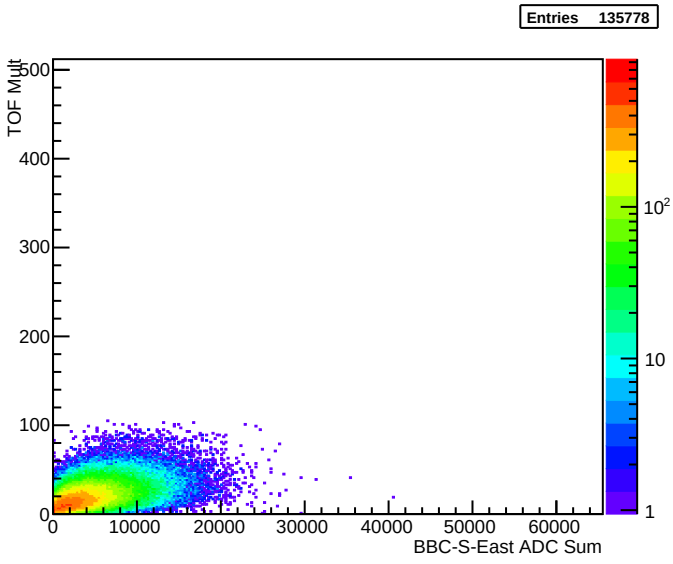


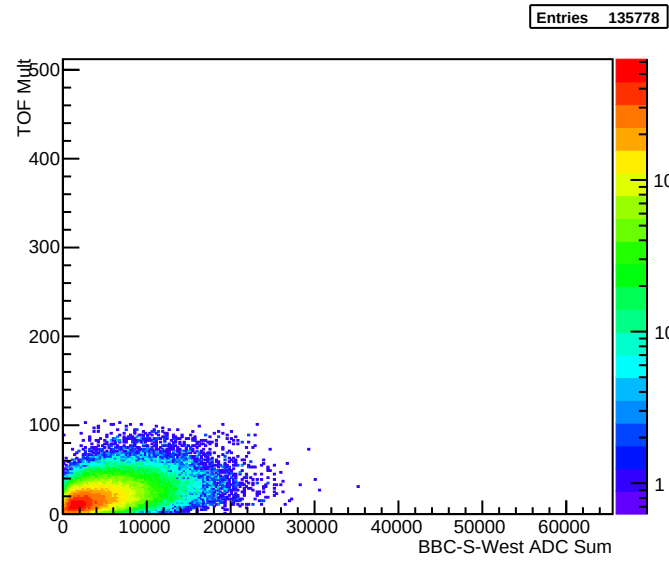
VT201 Input Ch4: VPD Adc Sum Th

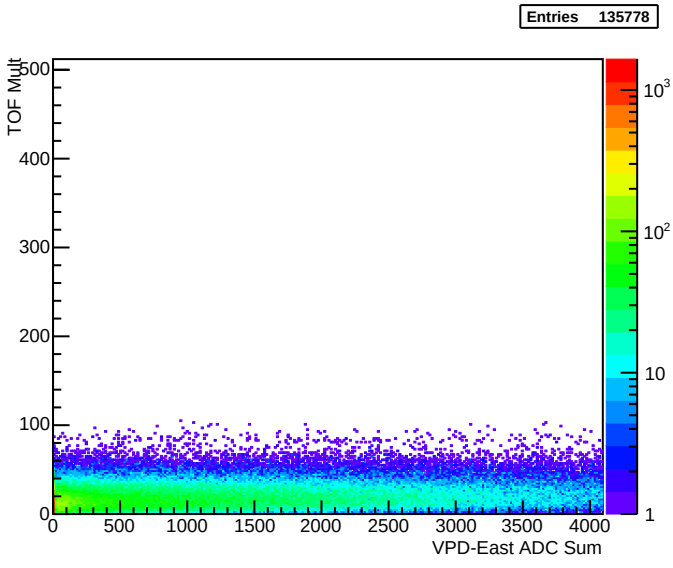


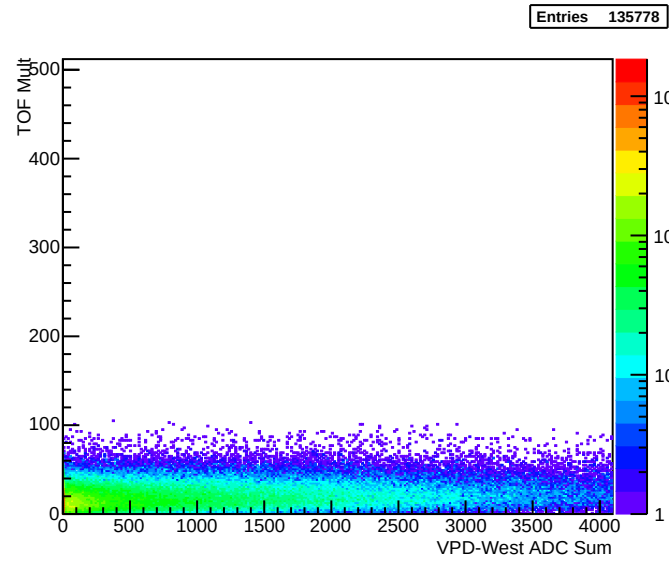
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

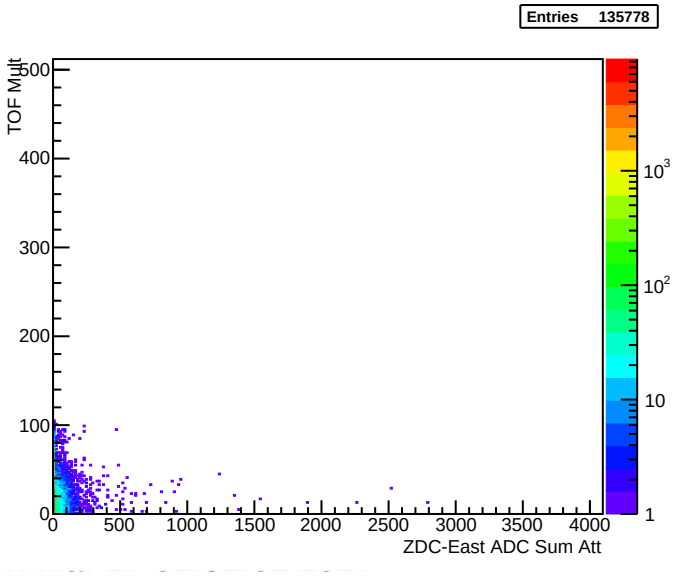


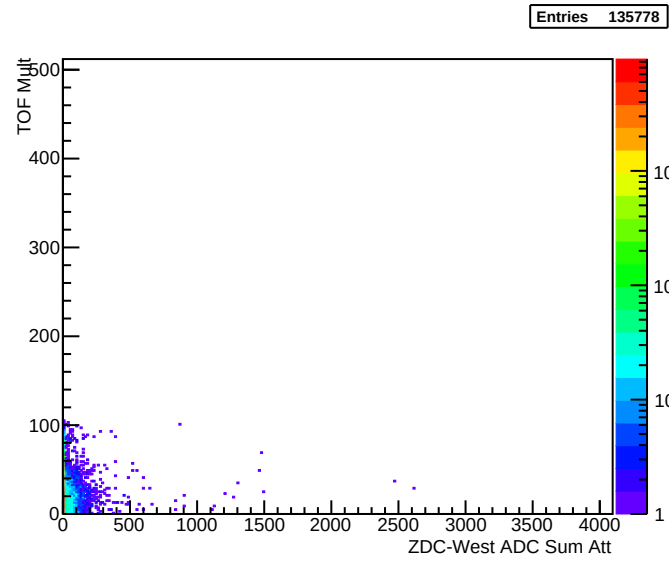

Entries 135778
TOF Mult
BBC-S-East ADC Sum

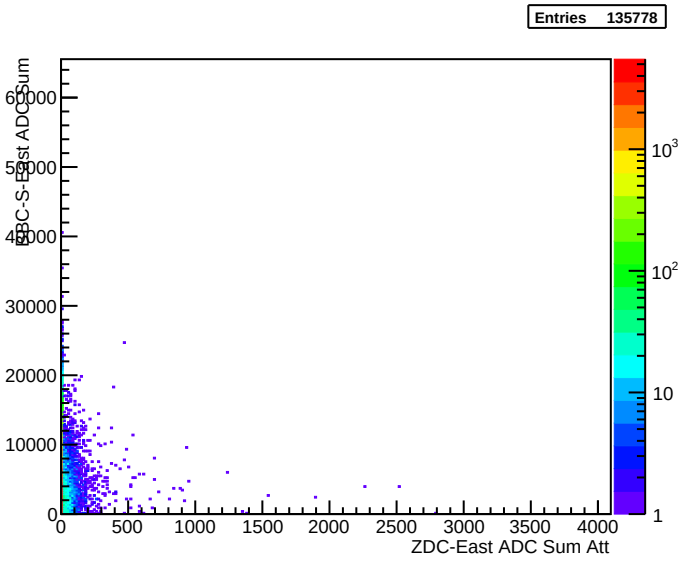

Entries 135778
TOF Mult
BBC-S-West ADC Sum

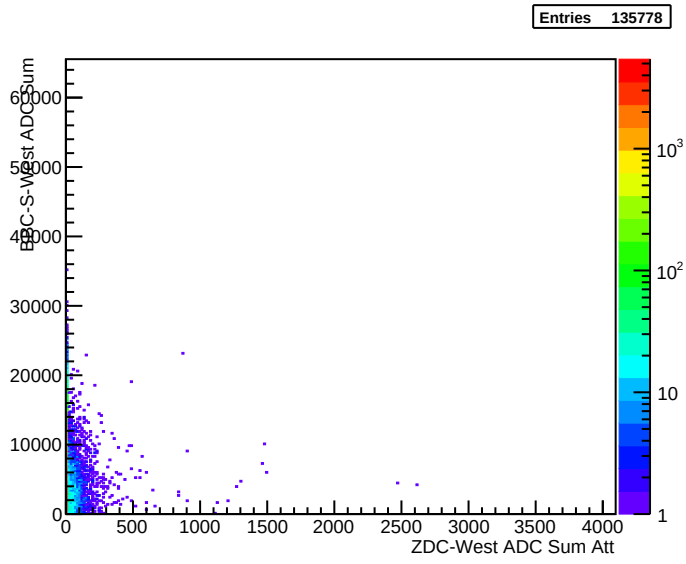

Entries 135778
TOF Mult
VPD-East ADC Sum

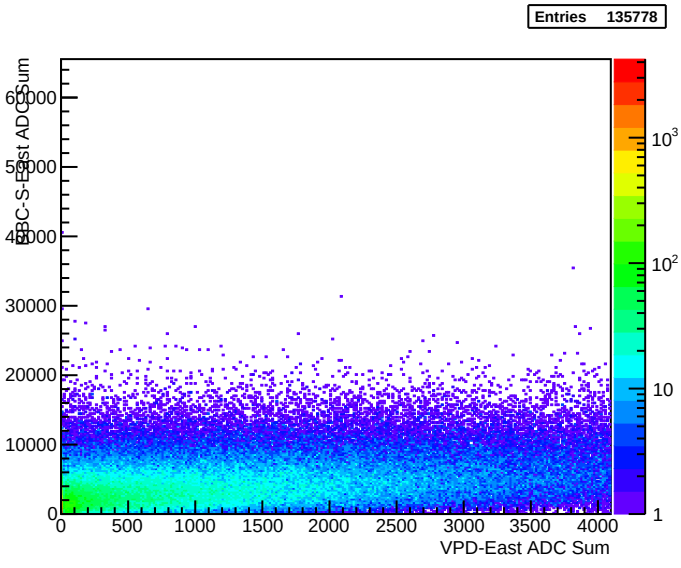

Entries 135778
TOF Mult
VPD-West ADC Sum

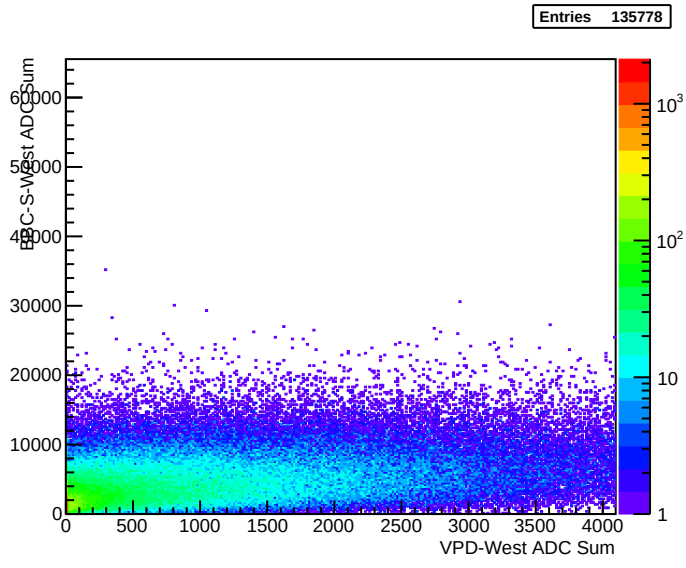

Entries 135778
TOF Mult
ZDC-East ADC Sum Att

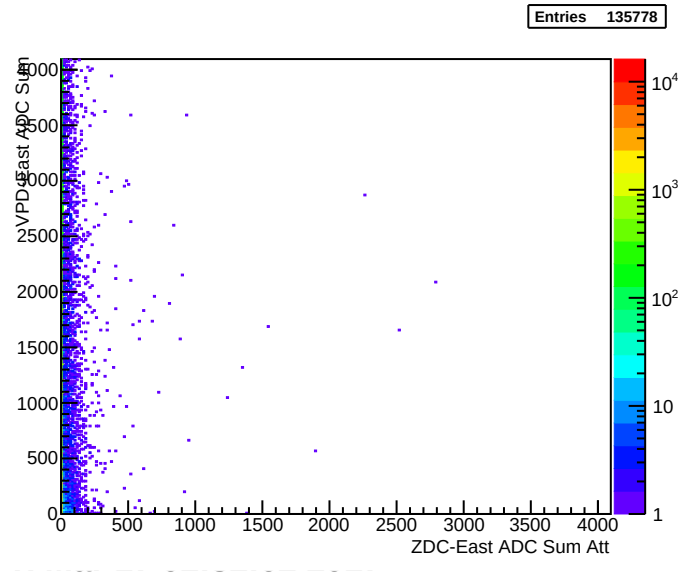

Entries 135778
TOF Mult
ZDC-West ADC Sum Att

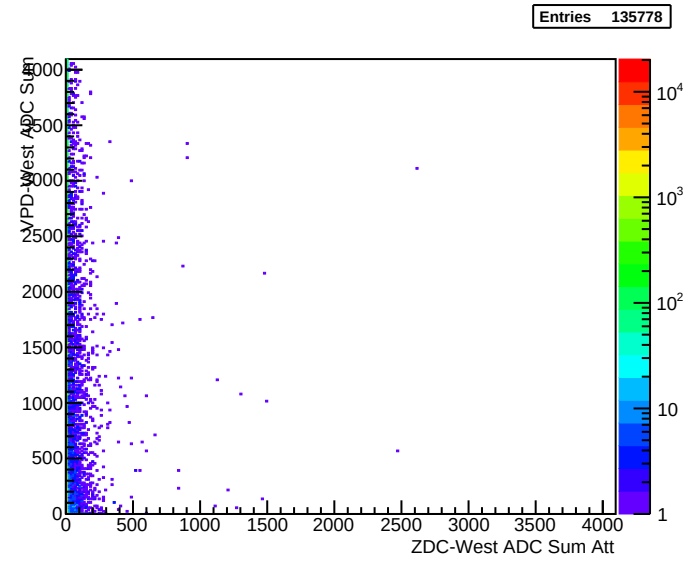

Entries 135778
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

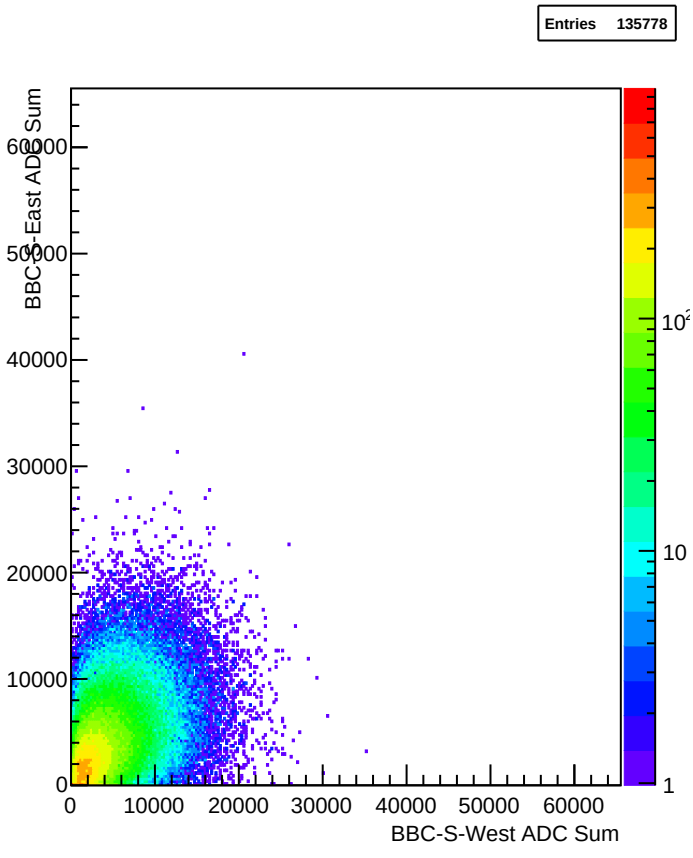

Entries 135778
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

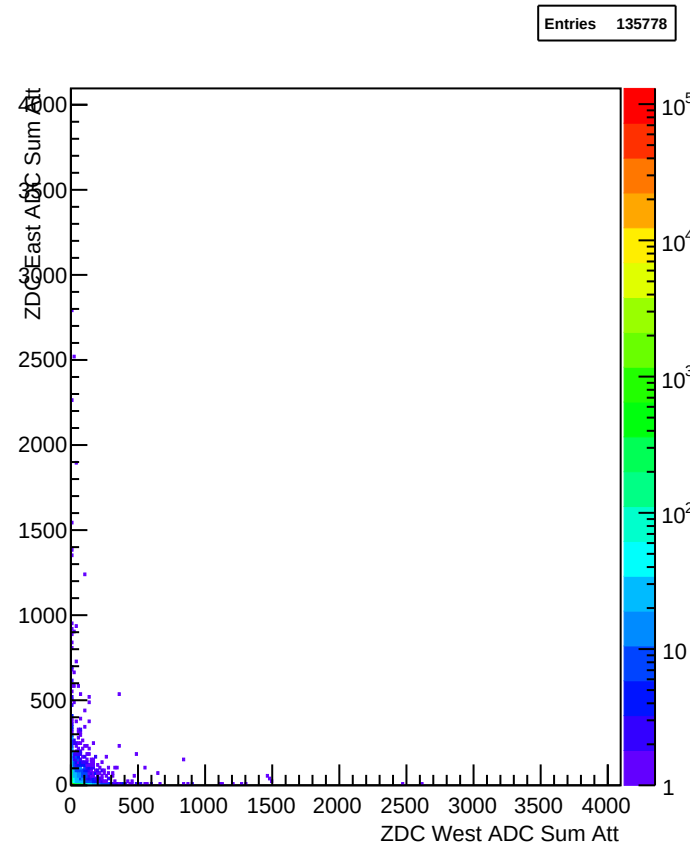

Entries 135778
BBC-S-East ADC Sum
VPD-East ADC Sum

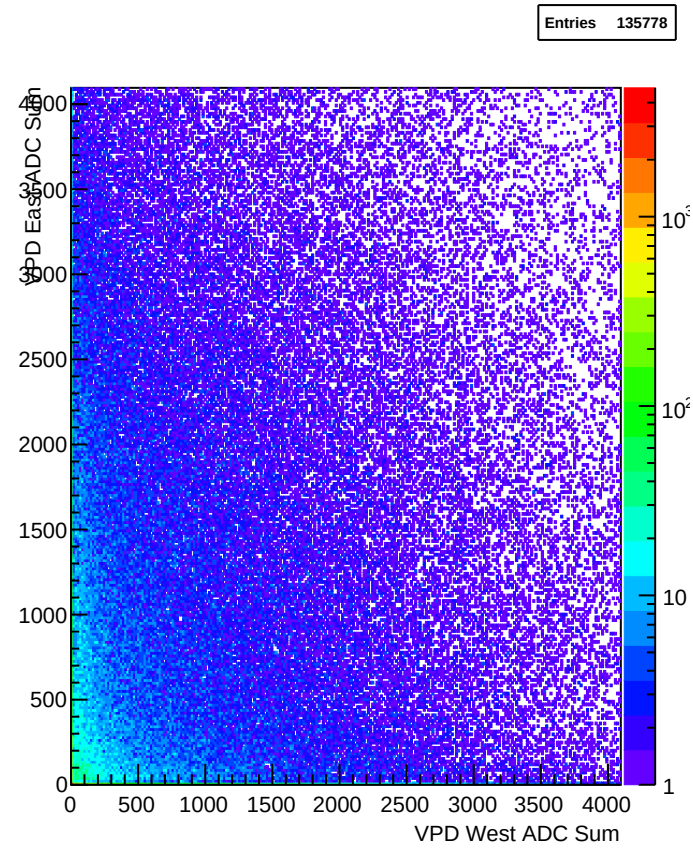

Entries 135778
BBC-S-West ADC Sum
VPD-West ADC Sum

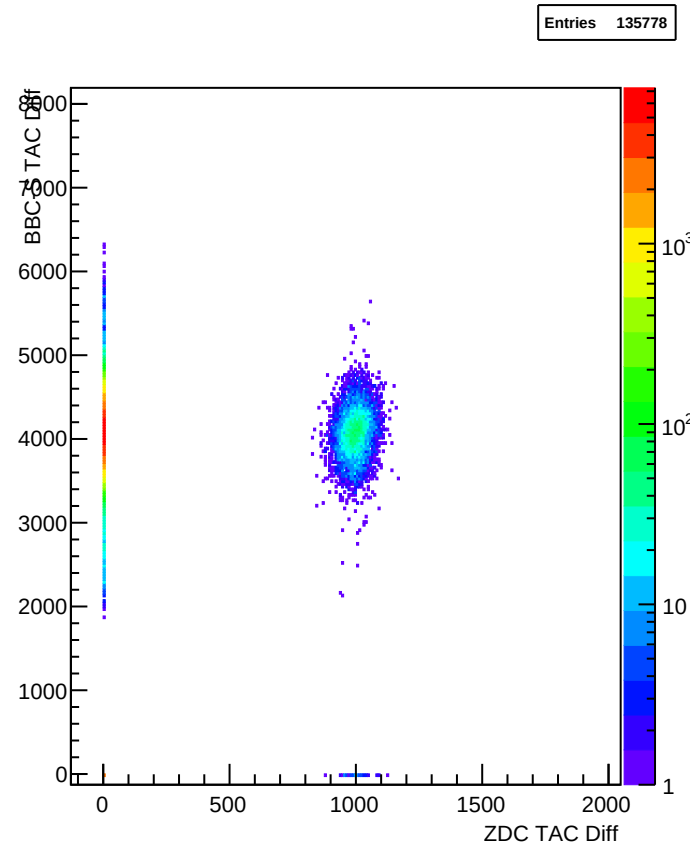

Entries 135778
VPD-East ADC Sum
ZDC-East ADC Sum Att

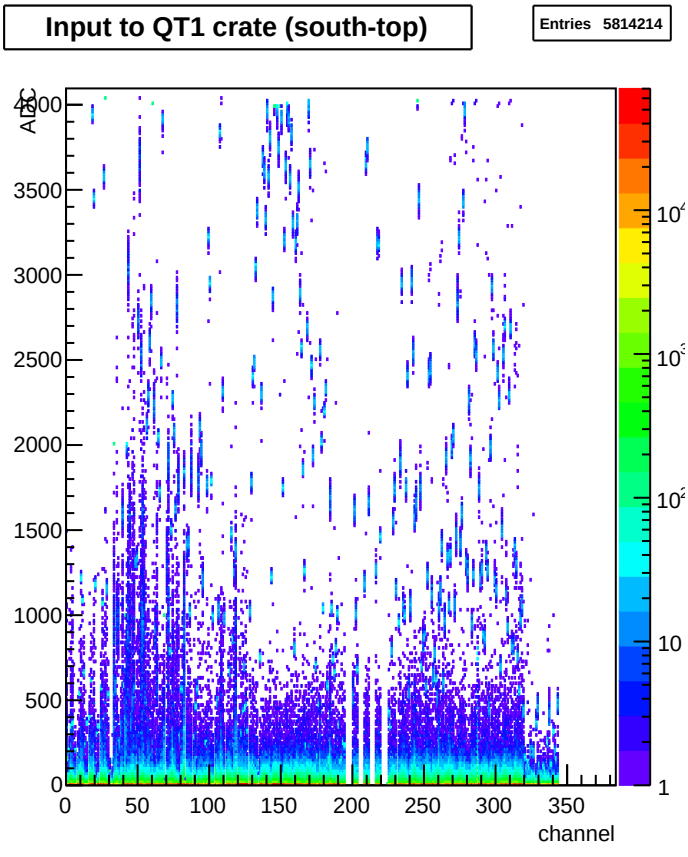

Entries 135778
VPD-West ADC Sum
ZDC-West ADC Sum Att

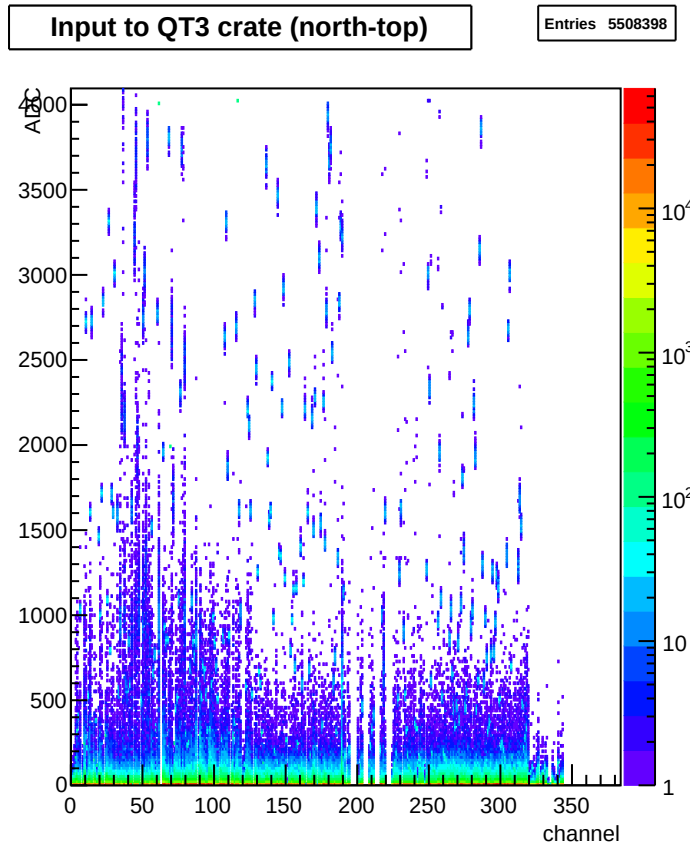

Entries 135778
BBC-S-East ADC Sum
BBC-S-West ADC Sum

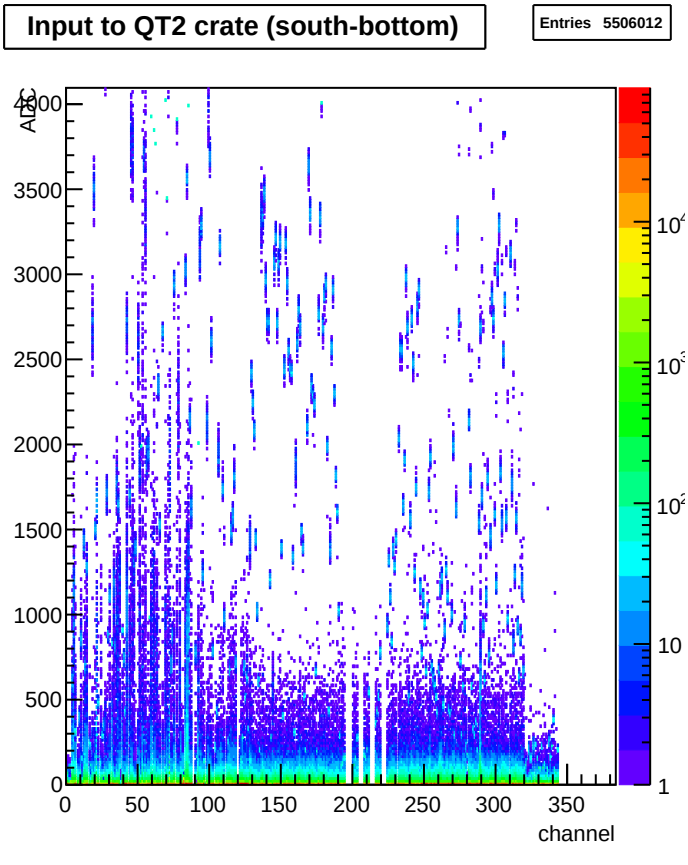

Entries 135778
ZDC East ADC Sum Att
ZDC West ADC Sum Att

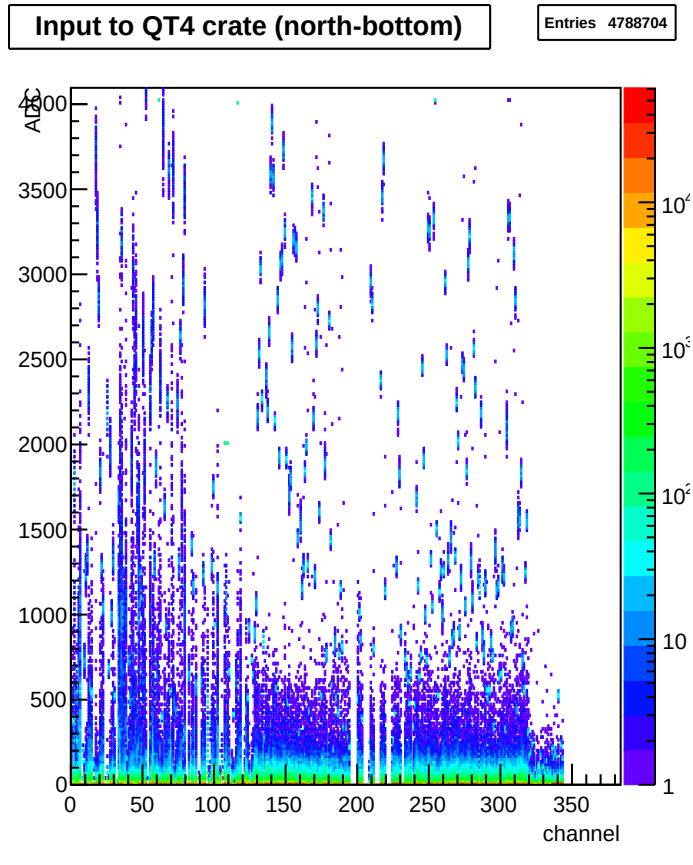

Entries 135778
VPD East ADC Sum
VPD West ADC Sum

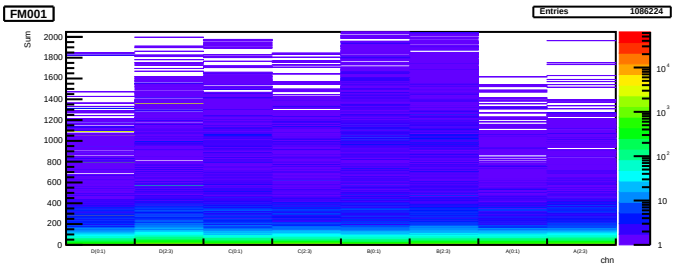

Entries 135778
BBC-S TAC Diff
ZDC TAC Diff

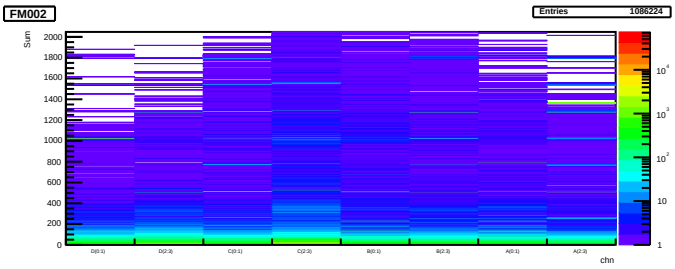

Input to QT1 crate (south-top)
Entries 5814214
ADC
channel

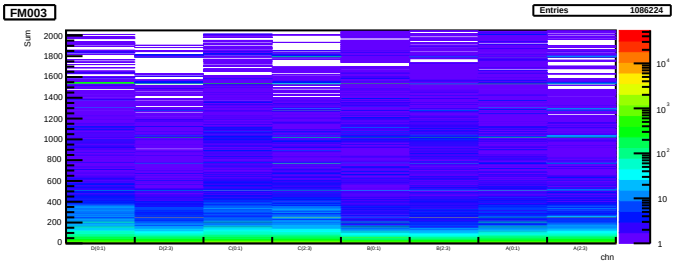

Input to QT3 crate (north-top)
Entries 5508398
ADC
channel

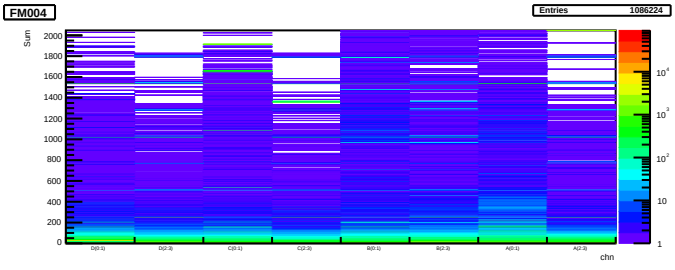

Input to QT2 crate (south-bottom)
Entries 5506012
ADC
channel

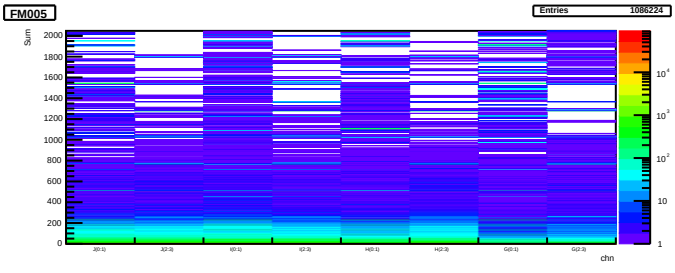

Input to QT4 crate (north-bottom)
Entries 4788704
ADC
channel

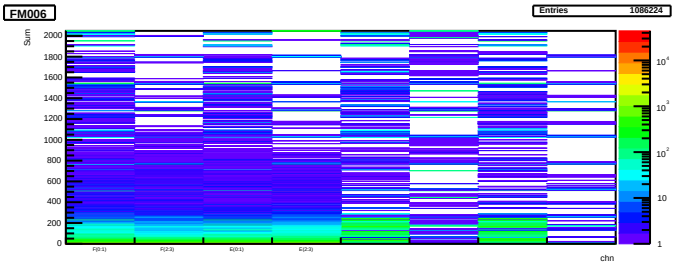

FM001
Entries 1086224
Sum
chn

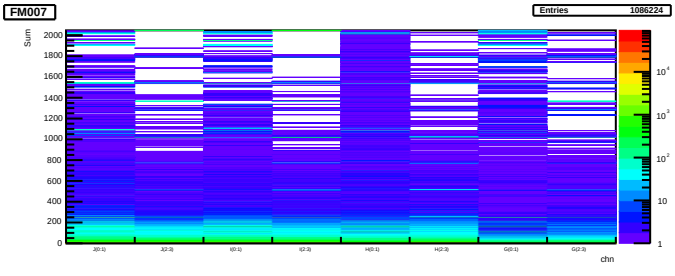

FM002
Entries 1086224
Sum
chn

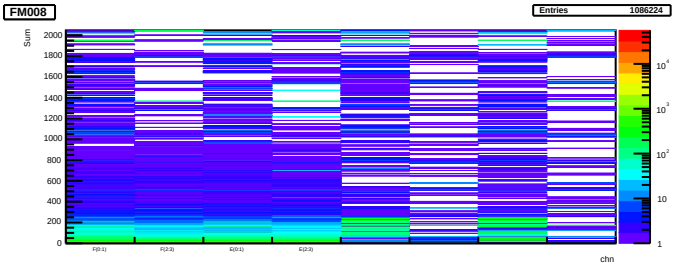

FM003
Entries 1086224
Sum
chn

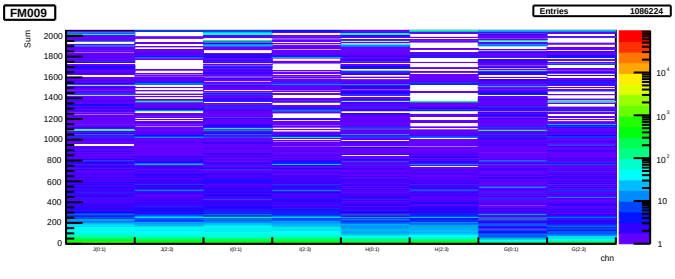

FM004
Entries 1086224
Sum
chn

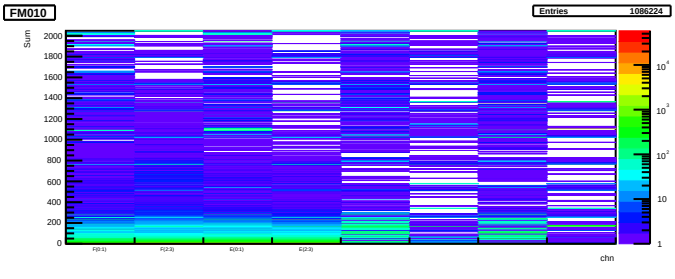

FM005
Entries 1086224
Sum
chn

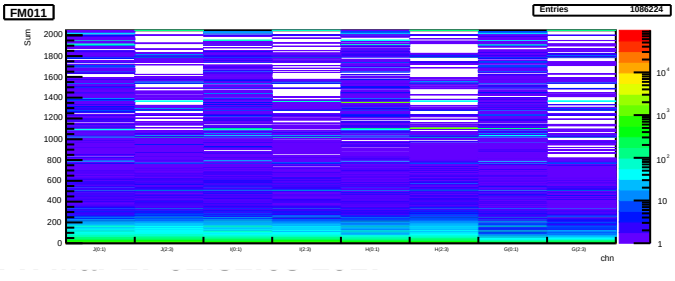

FM006
Entries 1086224
Sum
chn


FM007
Entries 1086224
Sum
chn


FM008
Entries 1086224
Sum
chn


FM009
Entries 1086224
Sum
chn


FM010
Entries 1086224
Sum
chn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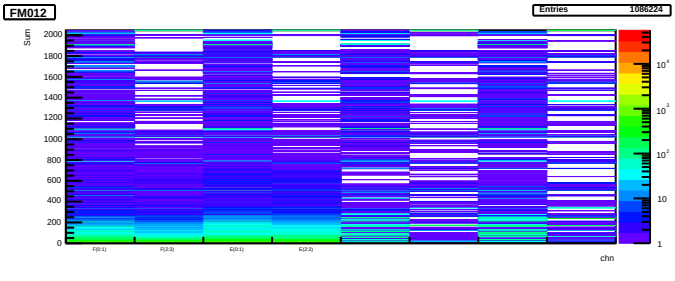
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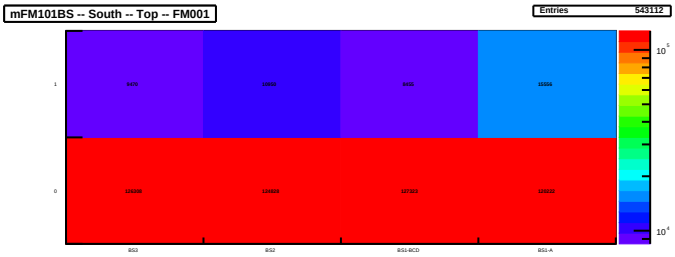
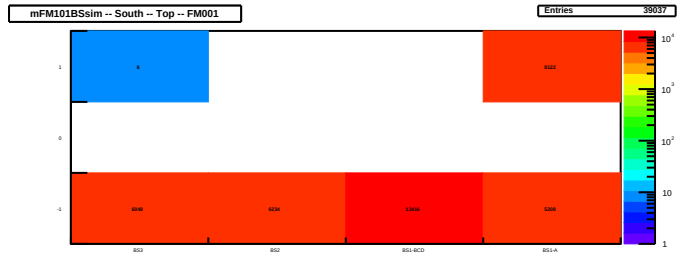

mFM101BS -- South -- Top -- FM001
Entries 543112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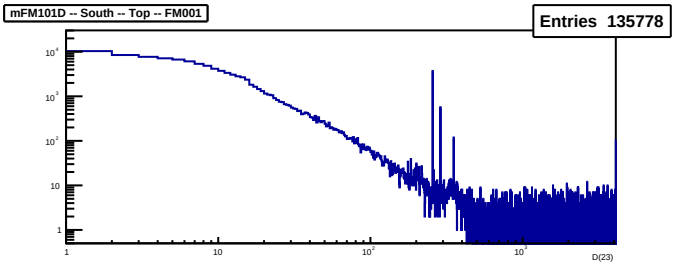
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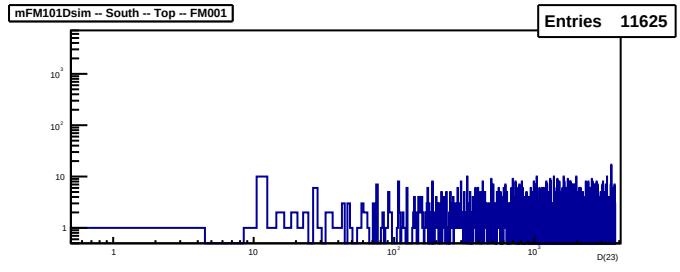
D(23)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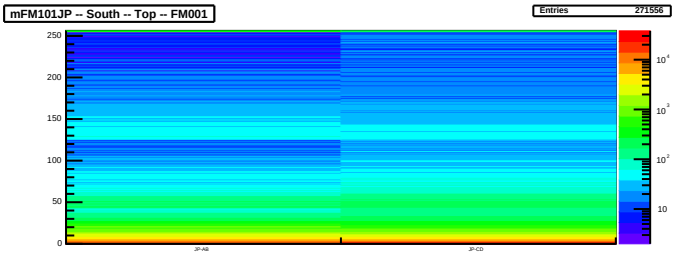
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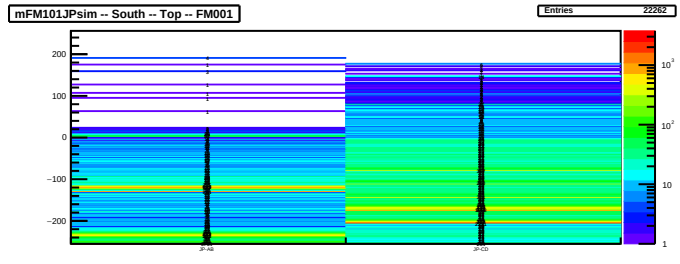
Entries 271556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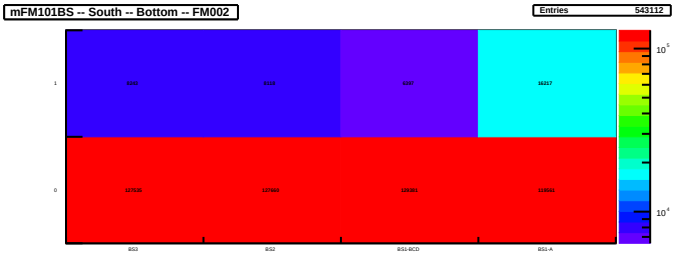
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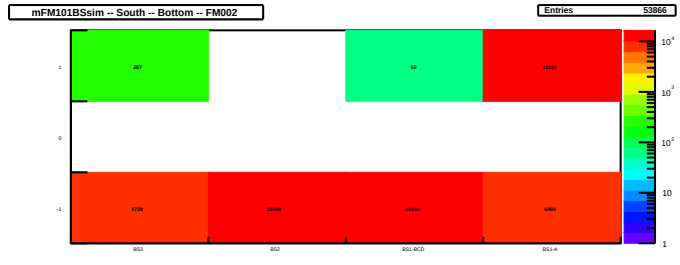
Entries 543112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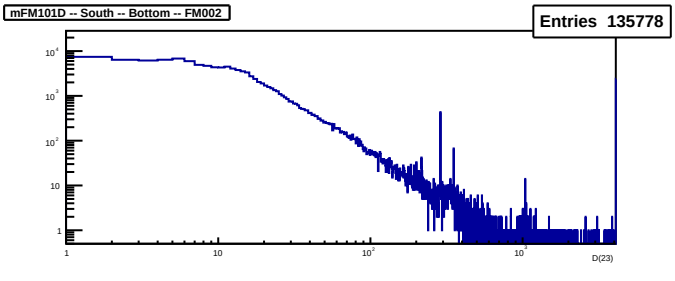
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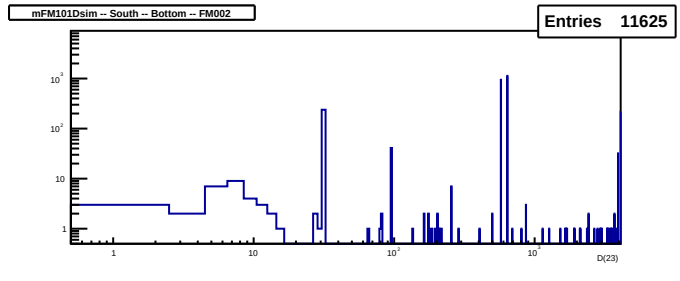
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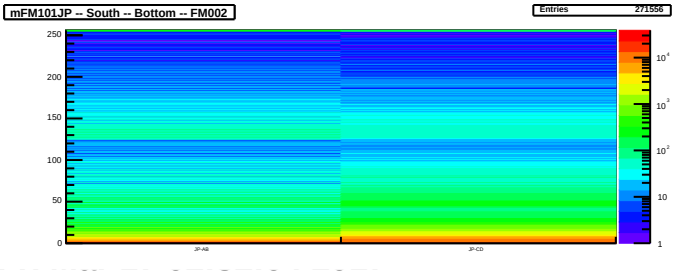
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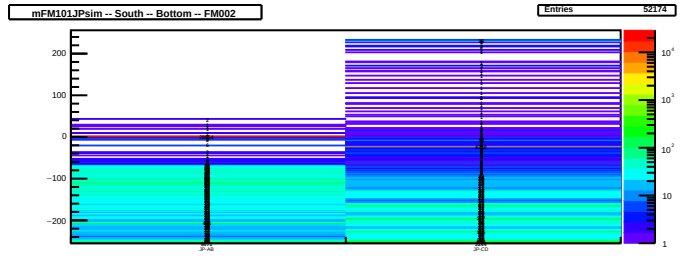
Entries 271556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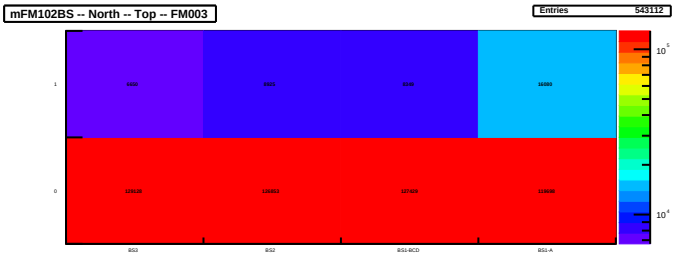
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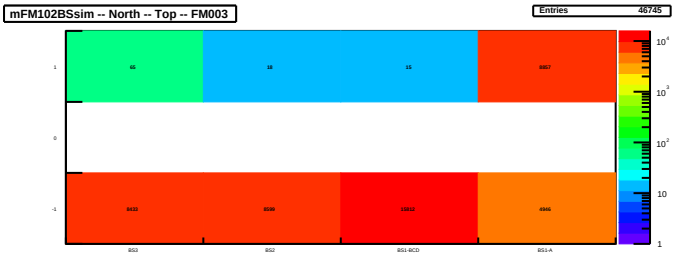
Entries 543112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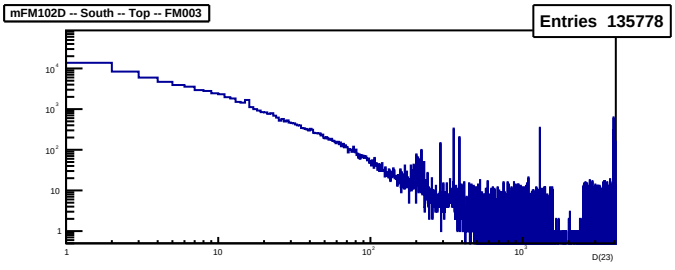
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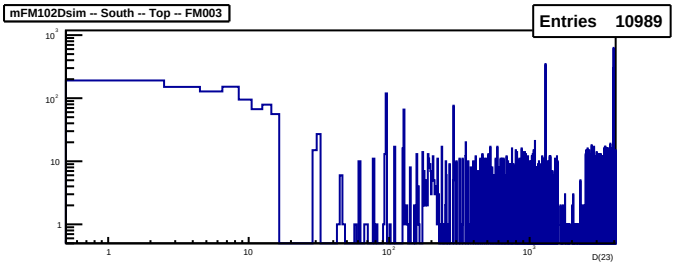
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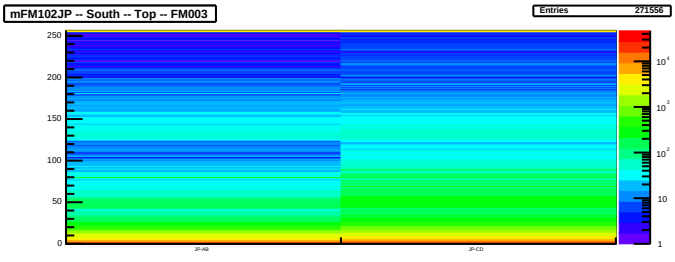
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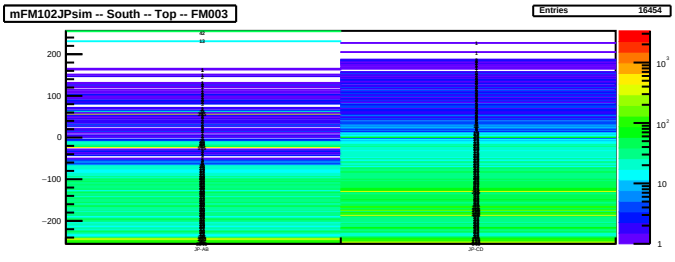
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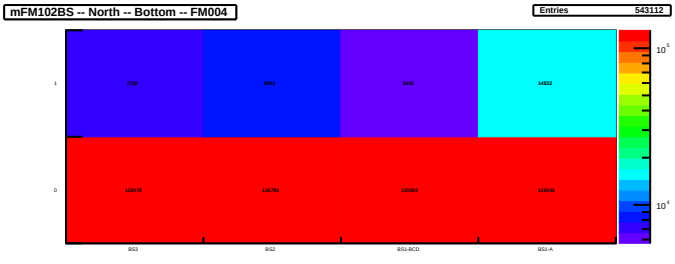
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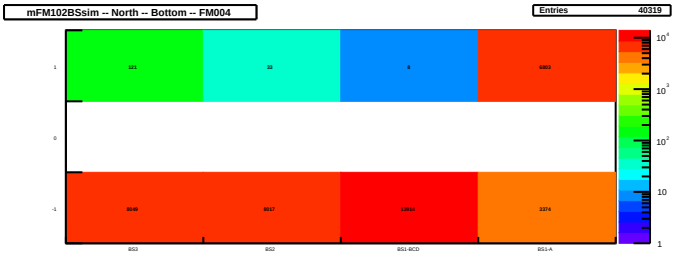
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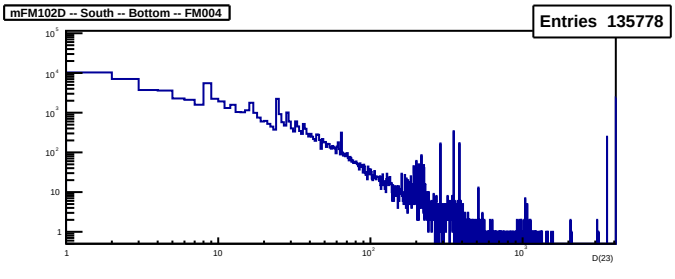
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Entries 135778
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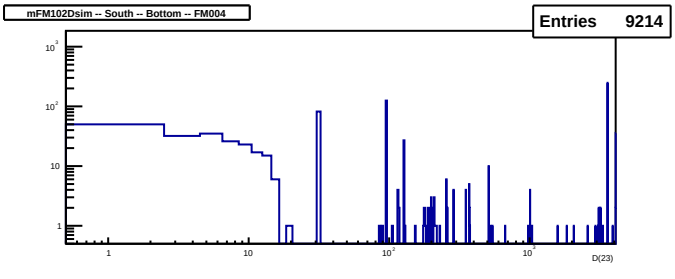
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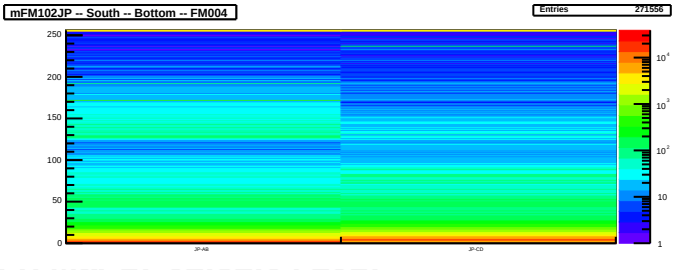
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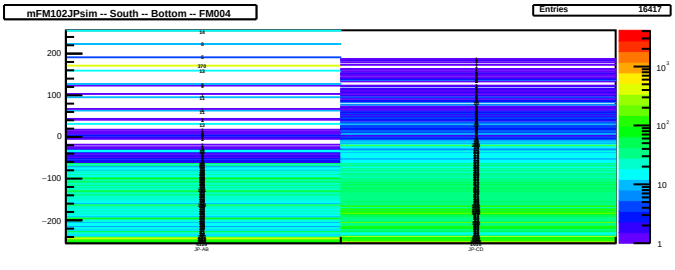
Entries 271556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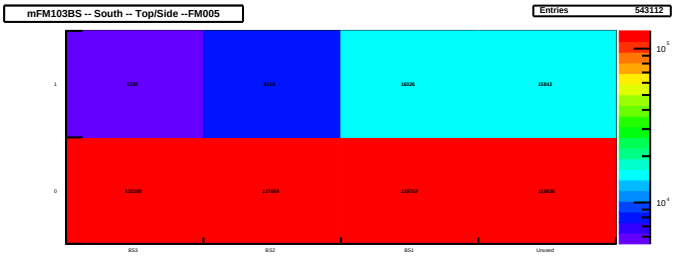
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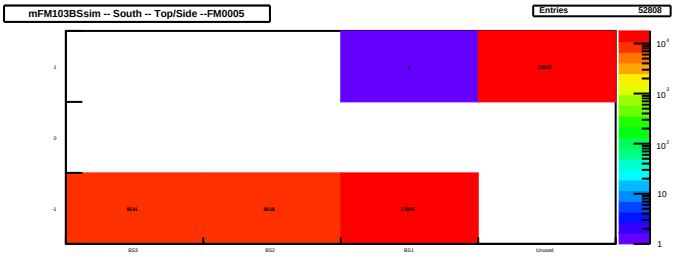
Entries 543112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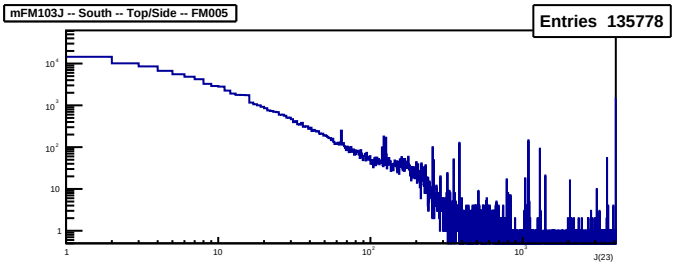
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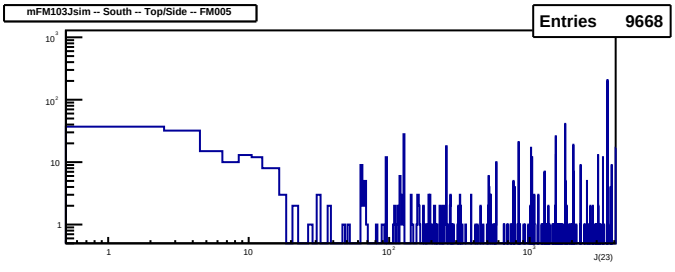
Entries 135778
J(23)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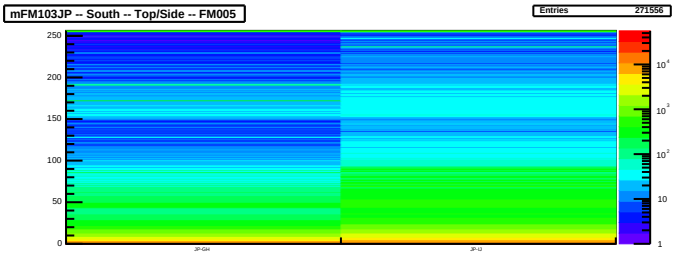
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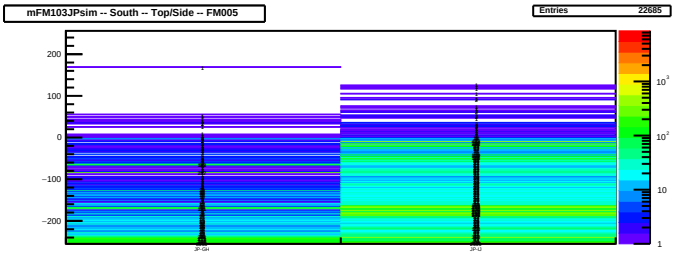
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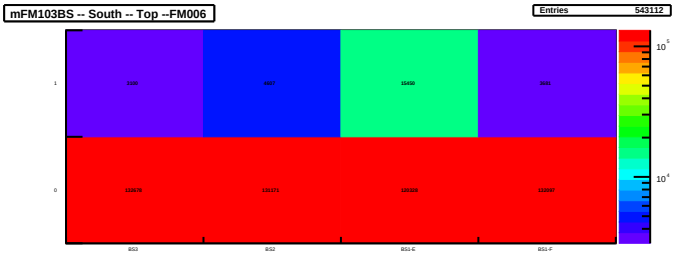
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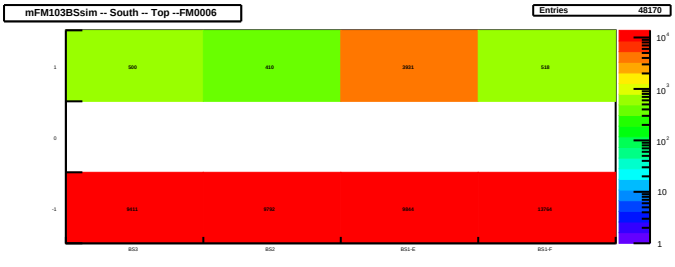
Entries 543112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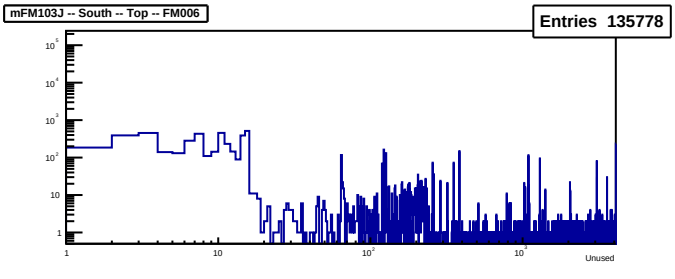
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Entries 135778
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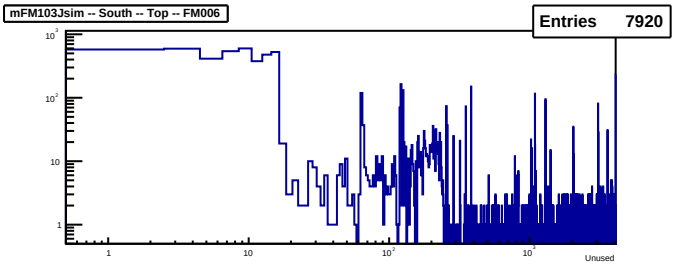
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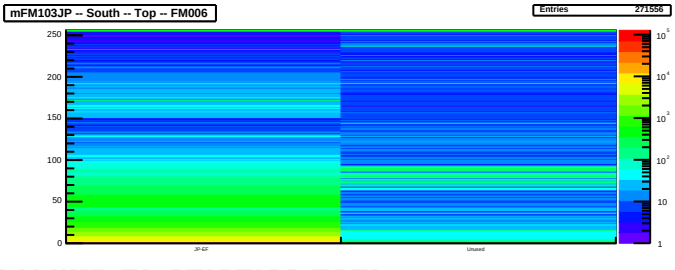
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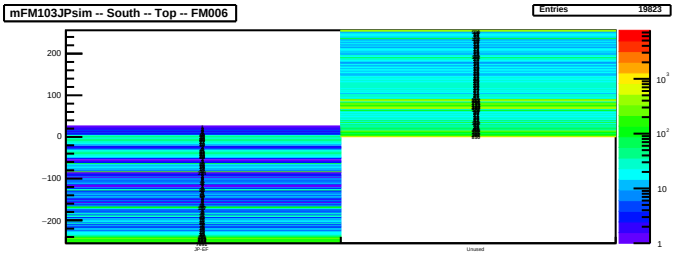
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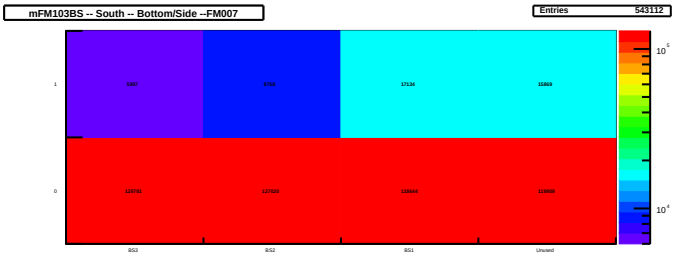
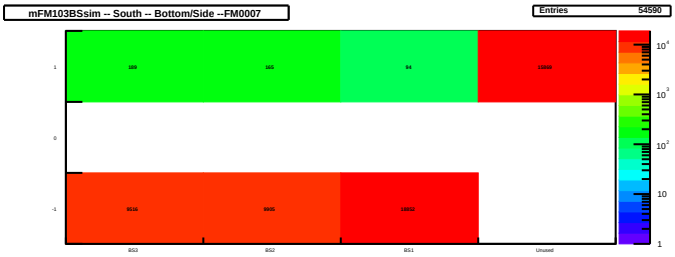
Entries 19823


mFM103BS -- South -- Bottom/Side --FM007
Entries 543112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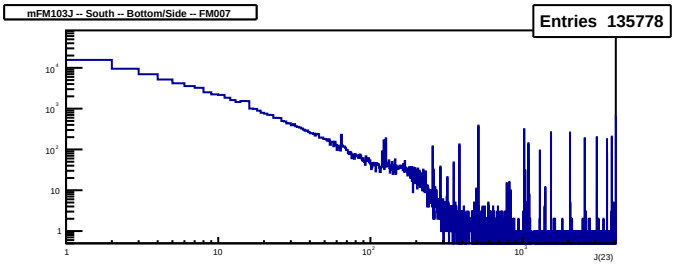
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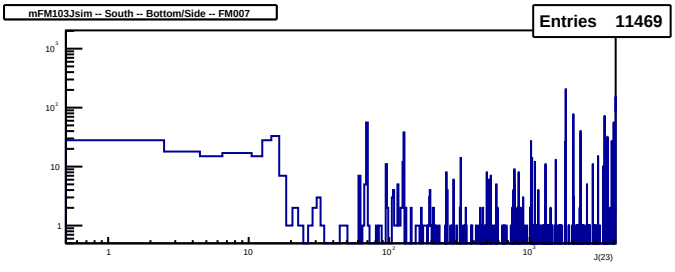
Entries 135778
J(23)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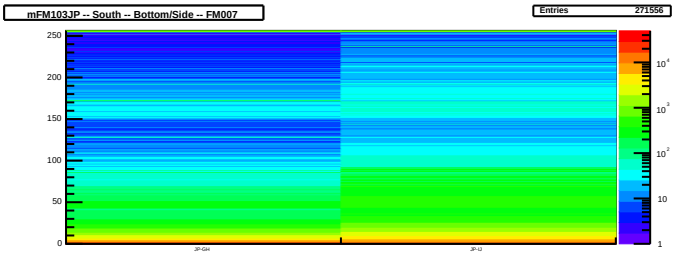
J(23)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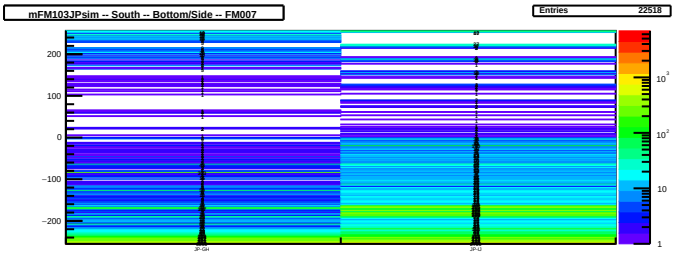
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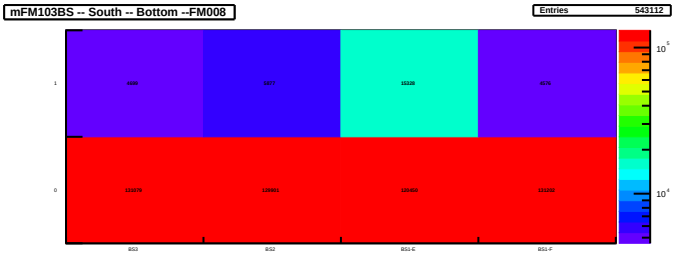
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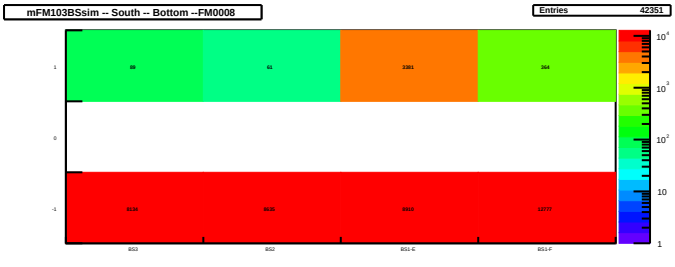
Entries 543112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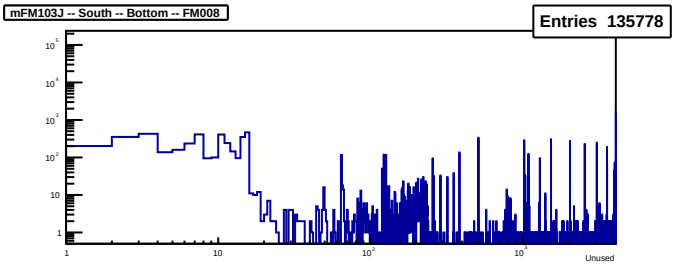
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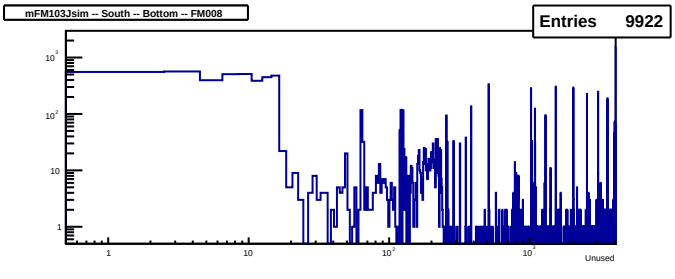
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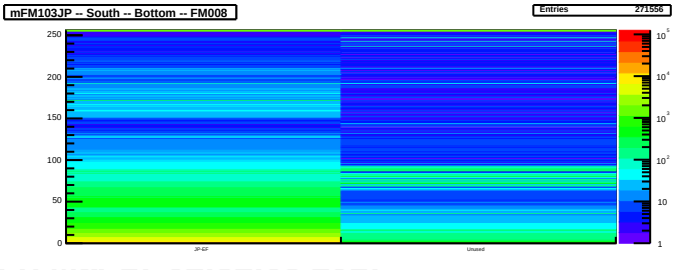
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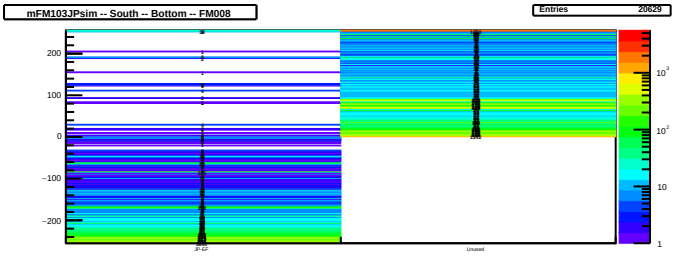
Entries 271556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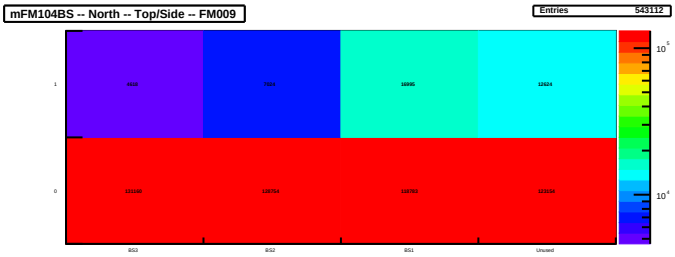
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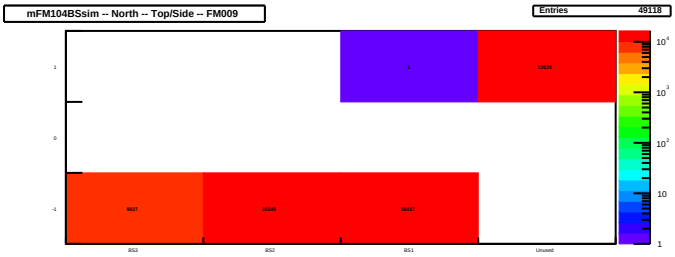
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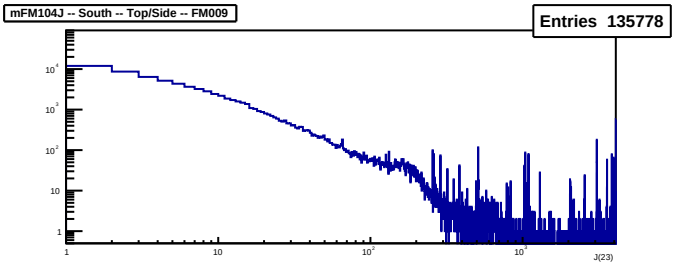
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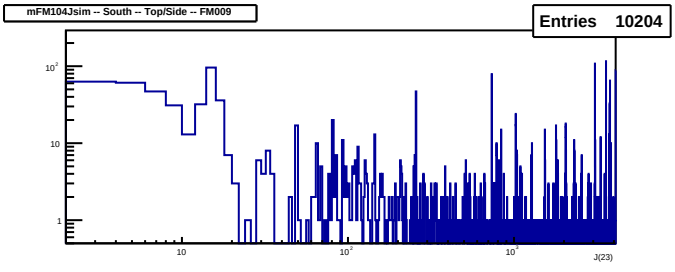
J(23)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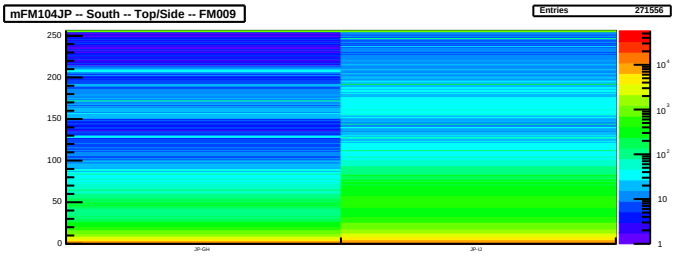
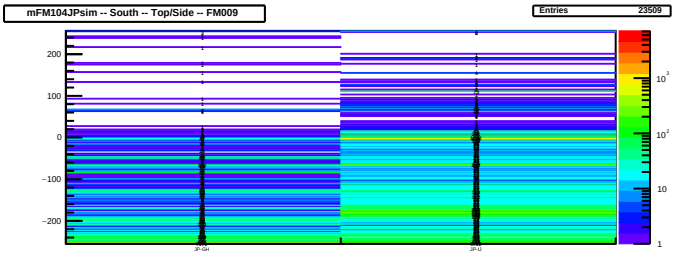
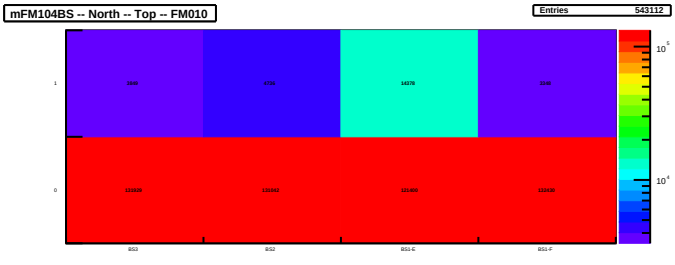
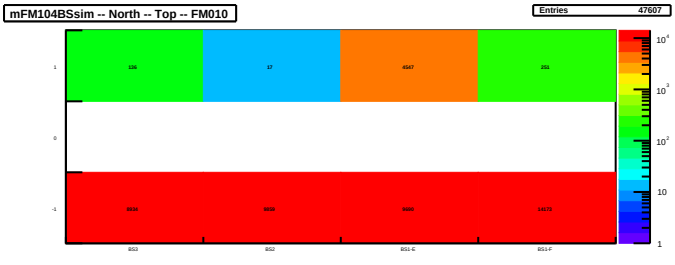
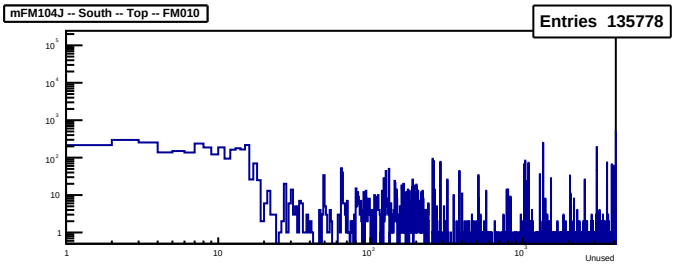
Entries 10204
J(23)

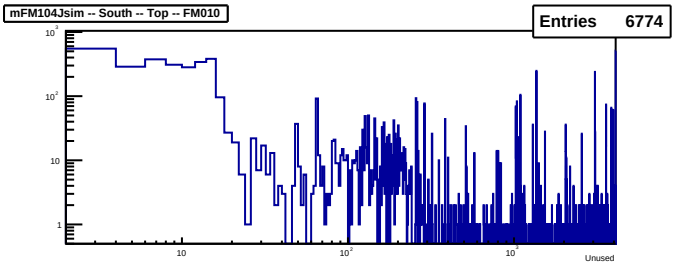

mFM104JP -- South -- Top/Side -- FM009
Entries 271556

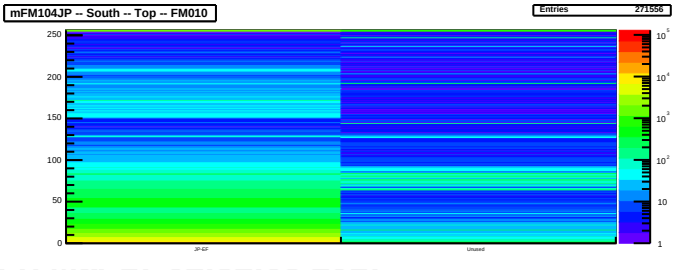

mFM104JPsim -- South -- Top/Side -- FM009
Entries 23509

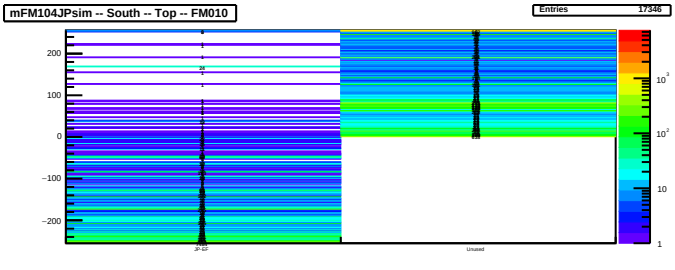

mFM104BS -- North -- Top -- FM010
Entries 543112

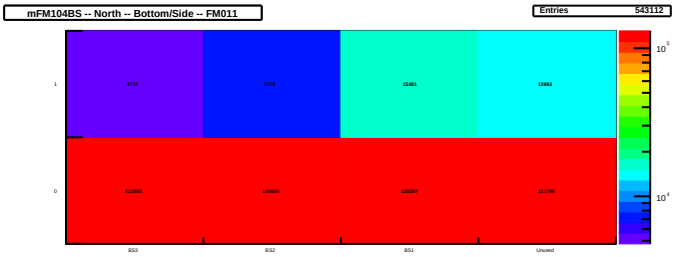

mFM104BSsim -- North -- Top -- FM010
Entries 47607

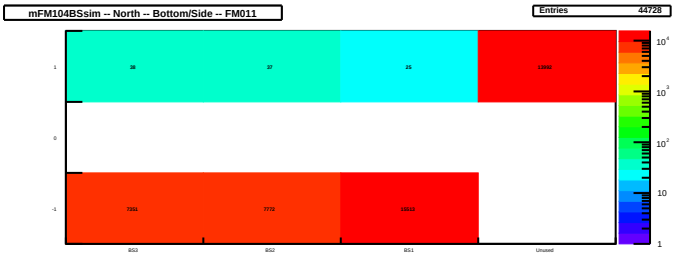

mFM104J -- South -- Top -- FM010
Entries 135778
Unused

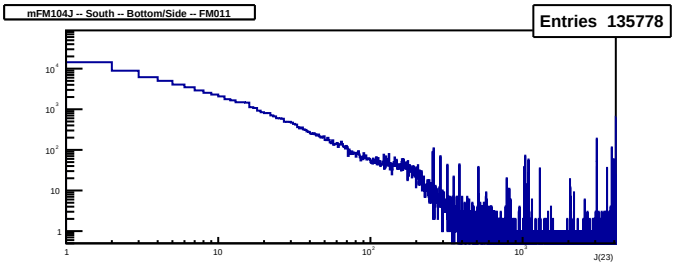

mFM104Jsim -- South -- Top -- FM010
Entries 6774
Unused

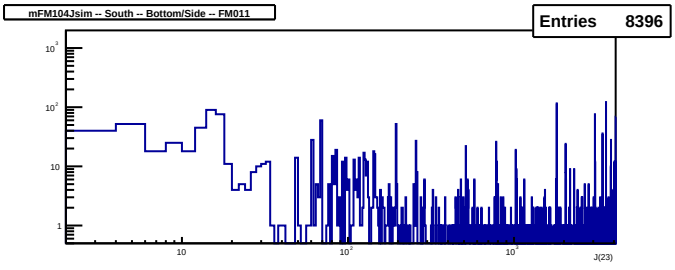

mFM104JP -- South -- Top -- FM010
Entries 271556

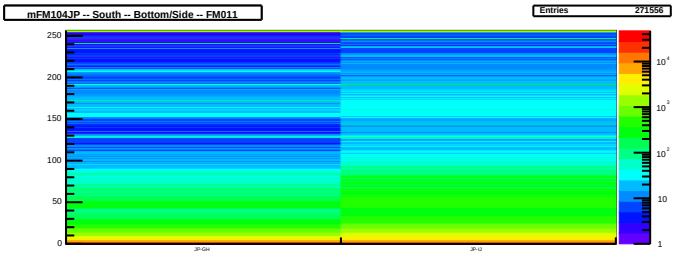

mFM104JPsim -- South -- Top -- FM010
Entries 17346

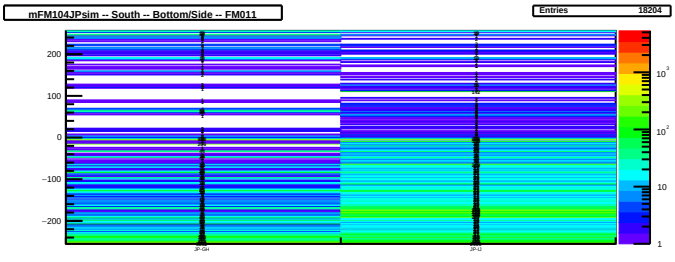

mFM104BS -- North -- Bottom/Side -- FM011
Entries 543112

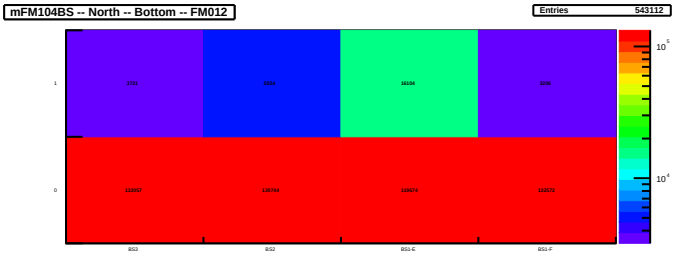

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 44728

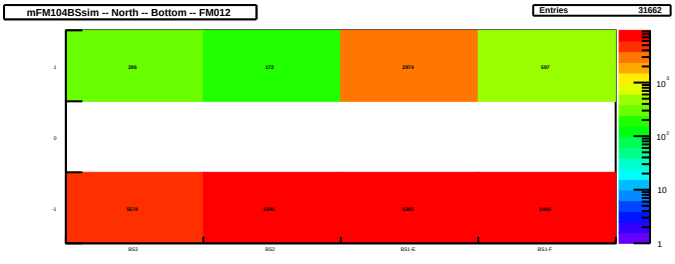

mFM104J -- South -- Bottom/Side -- FM011
Entries 135778
J(23)

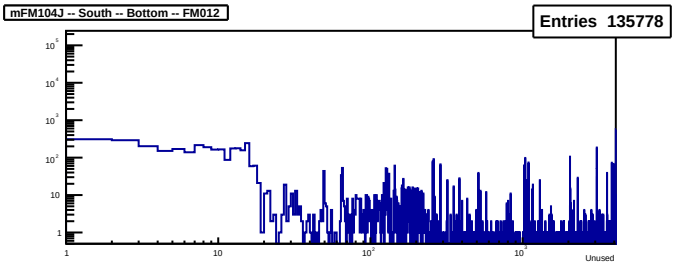

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 8396
J(23)

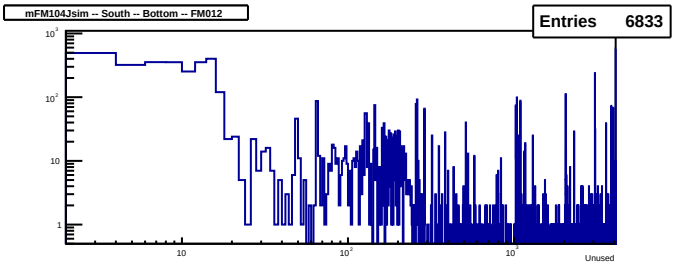

mFM104JP -- South -- Bottom/Side -- FM011
Entries 271556

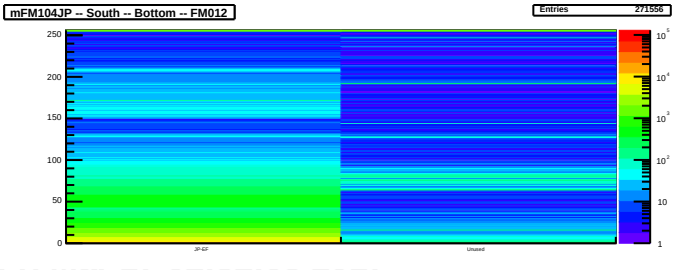

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 18204

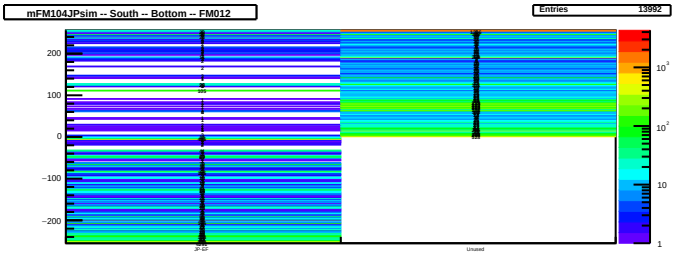

mFM104BS -- North -- Bottom -- FM012
Entries 543112

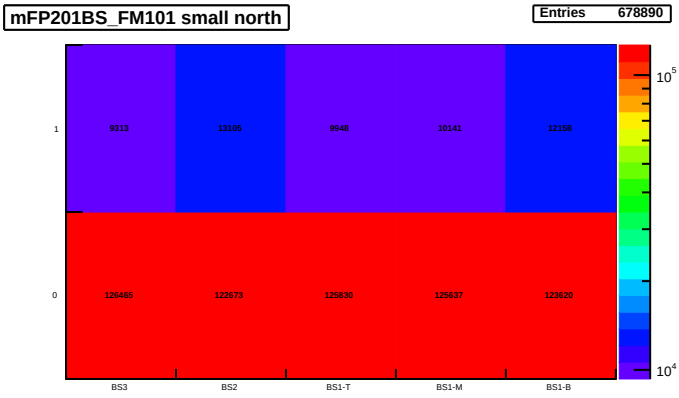

mFM104BSsim -- North -- Bottom -- FM012
Entries 31662

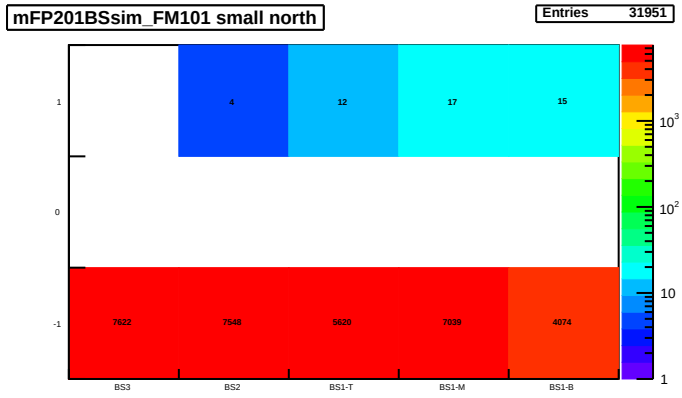

mFM104J -- South -- Bottom -- FM012
Entries 135778
Unused

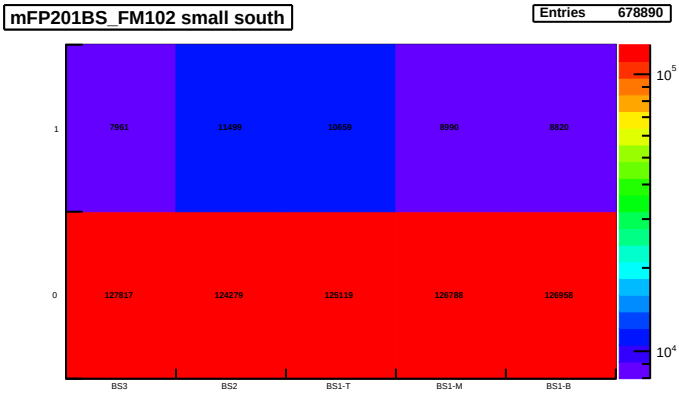

mFM104Jsim -- South -- Bottom -- FM012
Entries 6833
Unused

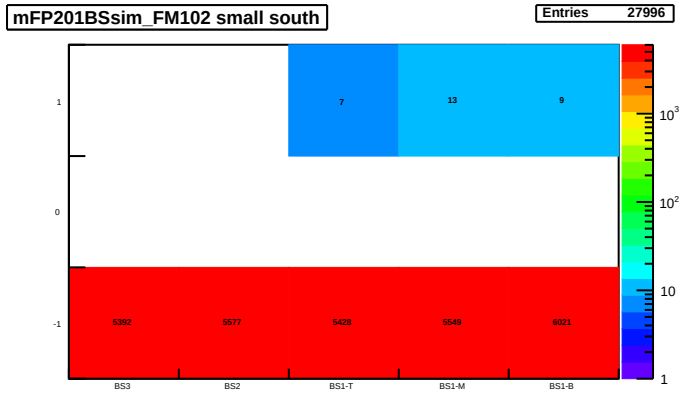

mFM104JP -- South -- Bottom -- FM012
Entries 271556

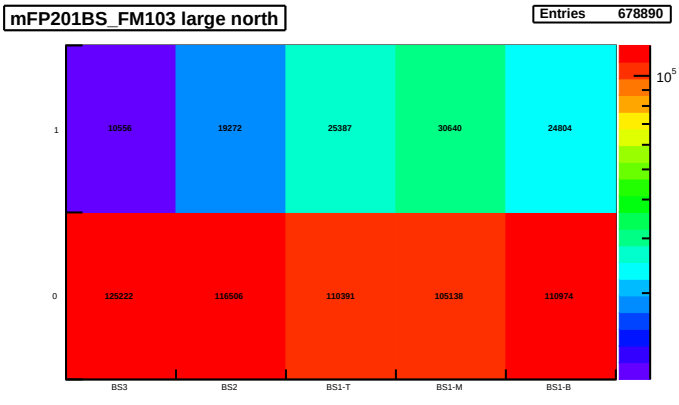

mFM104JPsim -- South -- Bottom -- FM012
Entries 13992

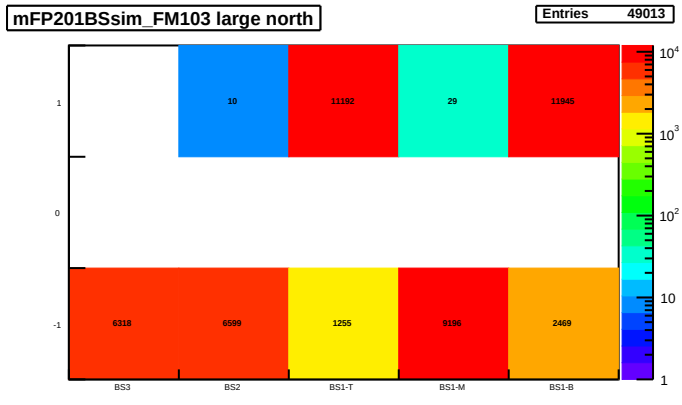

mFP201BS_FM101 small north
Entries 678890
9313
13105
9948
10141
12158
126465
122673
125830
125637
123620
BS3
BS2
BS1-T
BS1-M
BS1-B

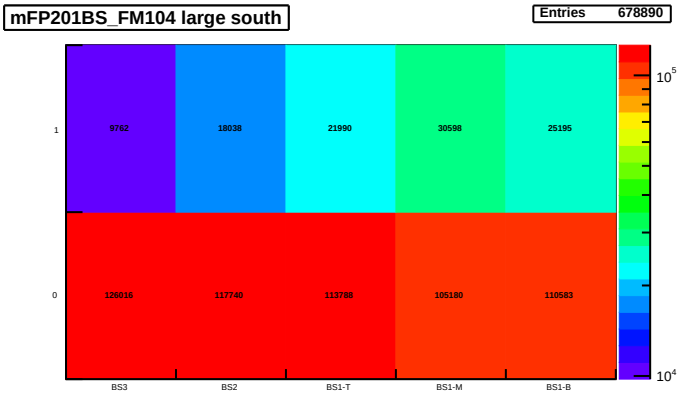

mFP201BSsim_FM101 small north
Entries 31951
4
12
17
15
7622
7548
5620
7039
4074
BS3
BS2
BS1-T
BS1-M
BS1-B

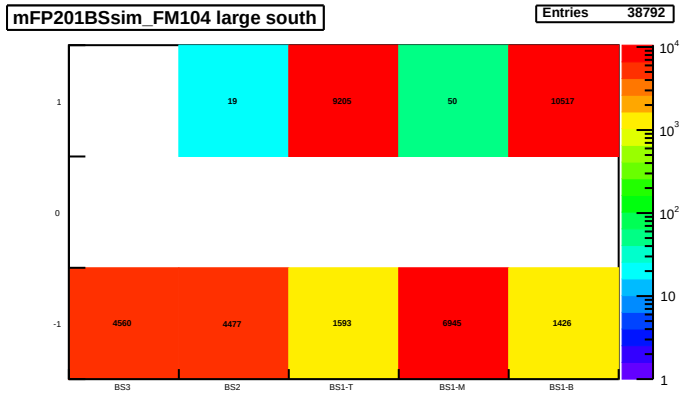

mFP201BS_FM102 small south
Entries 678890
7961
11499
10659
8990
8820
127817
124279
125119
126788
126958
BS3
BS2
BS1-T
BS1-M
BS1-B

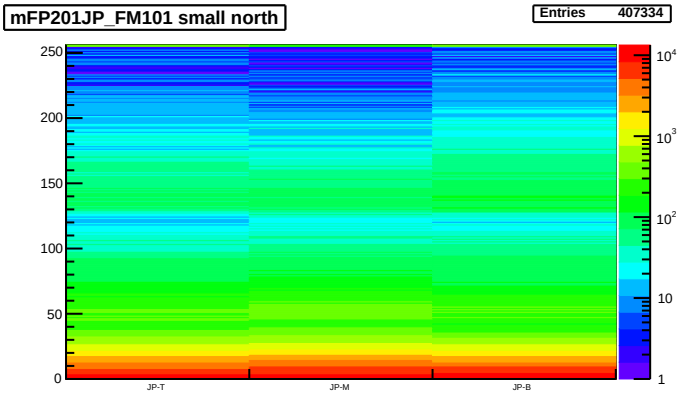

mFP201BSsim_FM102 small south
Entries 27996
7
13
9
5392
5577
5428
5549
6021
BS3
BS2
BS1-T
BS1-M
BS1-B

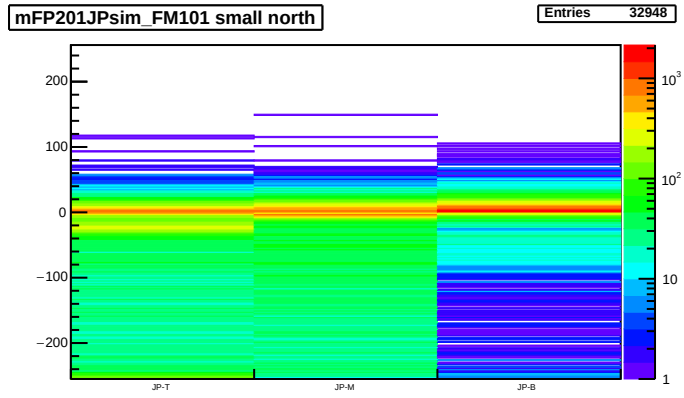

mFP201BS_FM103 large north
Entries 678890
10556
19272
25387
30640
24804
125222
116506
110391
105138
110974
BS3
BS2
BS1-T
BS1-M
BS1-B

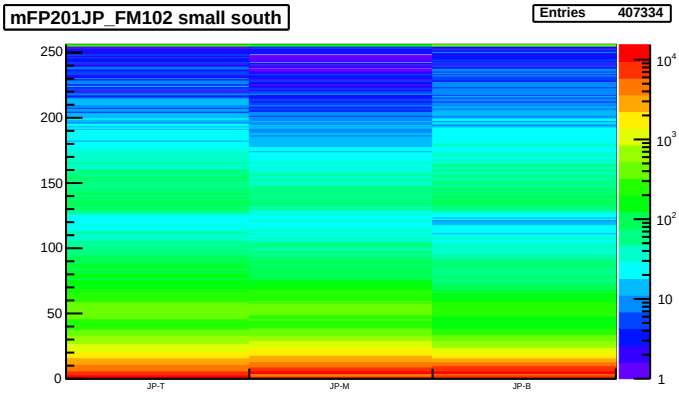

mFP201BSsim_FM103 large north
Entries 49013
10
11192
29
11945
6318
6599
1255
9196
2469
BS3
BS2
BS1-T
BS1-M
BS1-B

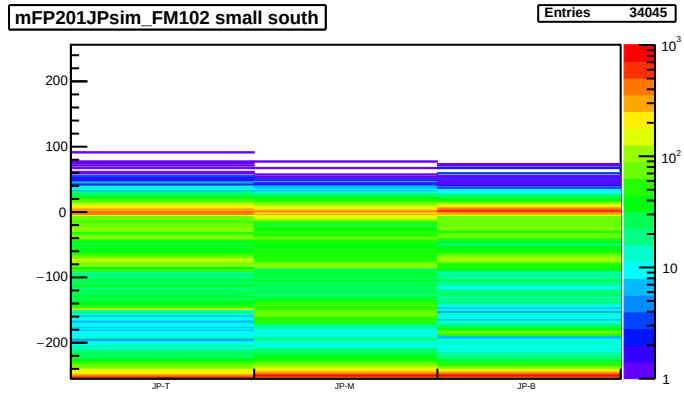

mFP201BS_FM104 large south
Entries 678890
9762
18038
21990
30598
25195
126016
117740
113788
105180
110583
BS3
BS2
BS1-T
BS1-M
BS1-B

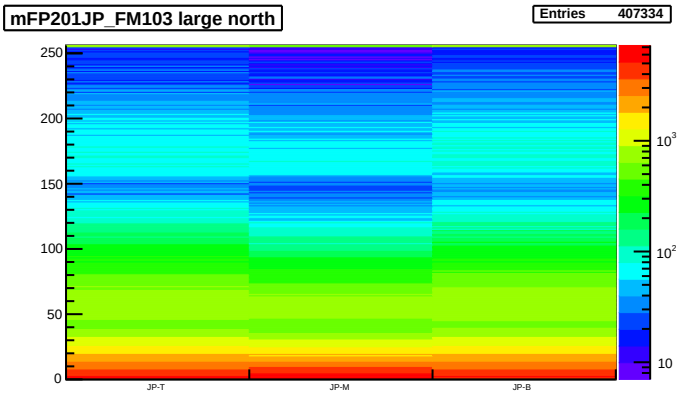

mFP201BSsim_FM104 large south
Entries 38792
19
9205
50
10517
4560
4477
1593
6945
1426
BS3
BS2
BS1-T
BS1-M
BS1-B

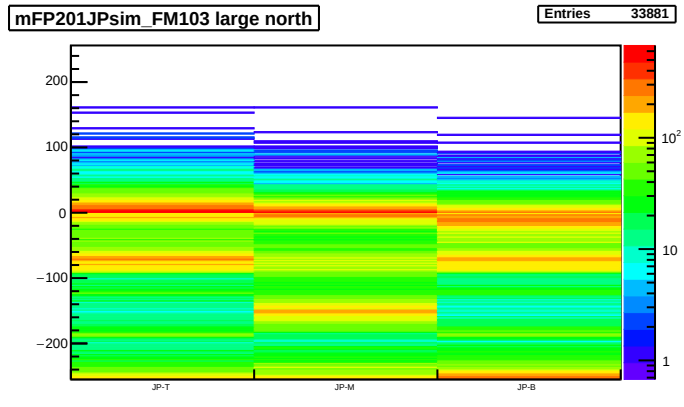

mFP201JP_FM101 small north
Entries 407334
JP-T
JP-M
JP-B

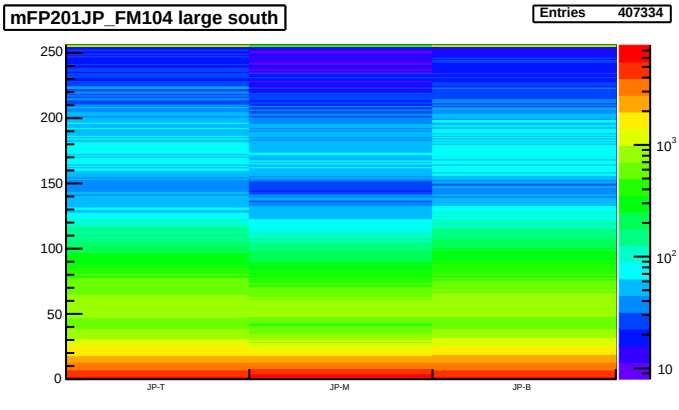

mFP201JPsim_FM101 small north
Entries 32948
JP-T
JP-M
JP-B

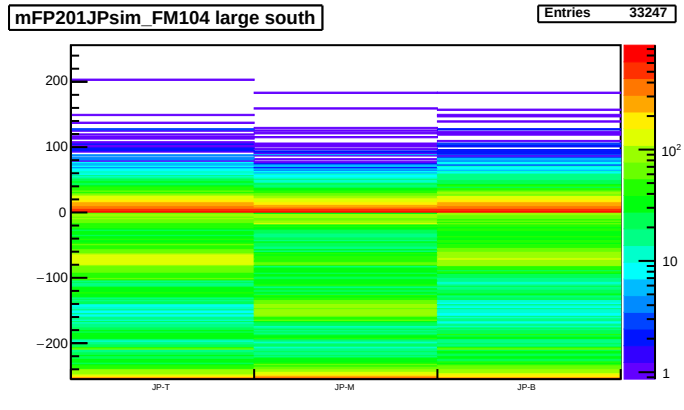

mFP201JP_FM102 small south
Entries 407334
JP-T
JP-M
JP-B

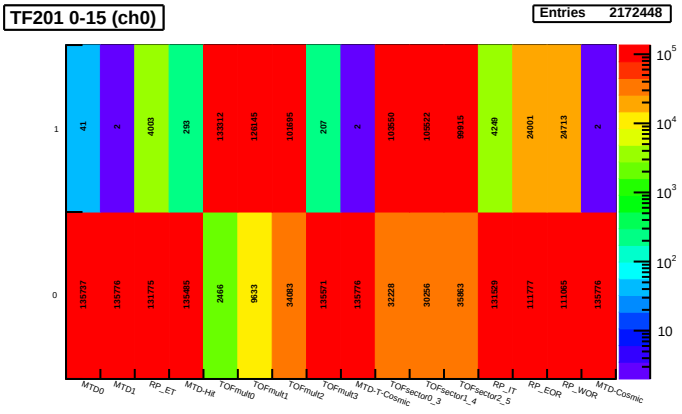

mFP201JPsim_FM102 small south
Entries 34045
JP-T
JP-M
JP-B

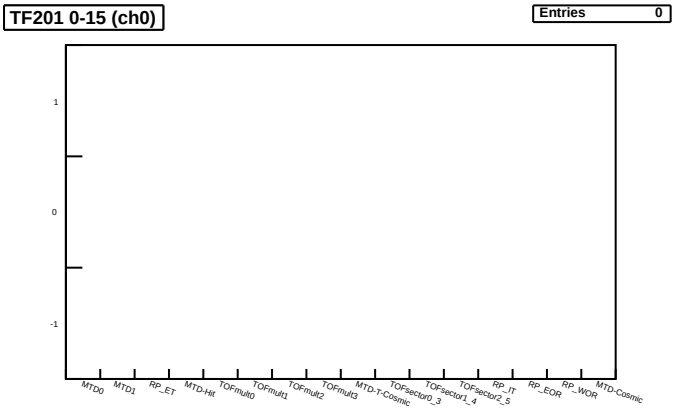

mFP201JP_FM103 large north
Entries 407334
JP-T
JP-M
JP-B

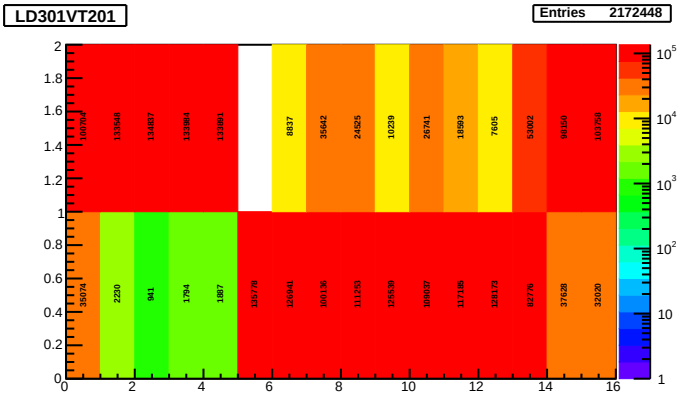

mFP201JPsim_FM103 large north
Entries 33881
JP-T
JP-M
JP-B

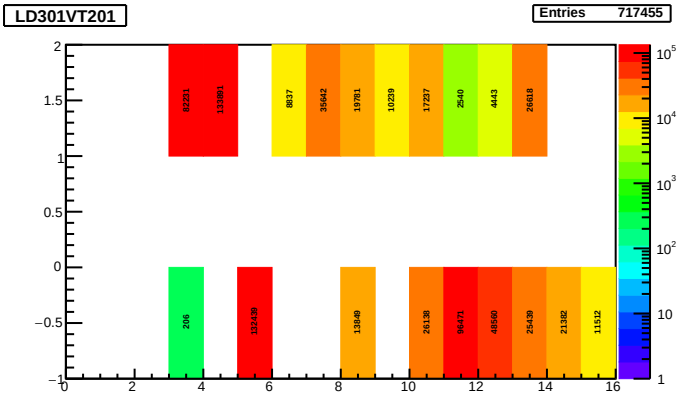

mFP201JP_FM104 large south
Entries 407334
JP-T
JP-M
JP-B

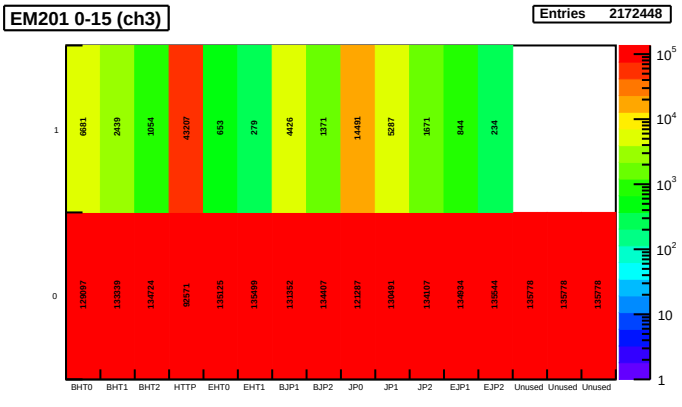

mFP201JPsim_FM104 large south
Entries 33247
JP-T
JP-M
JP-B

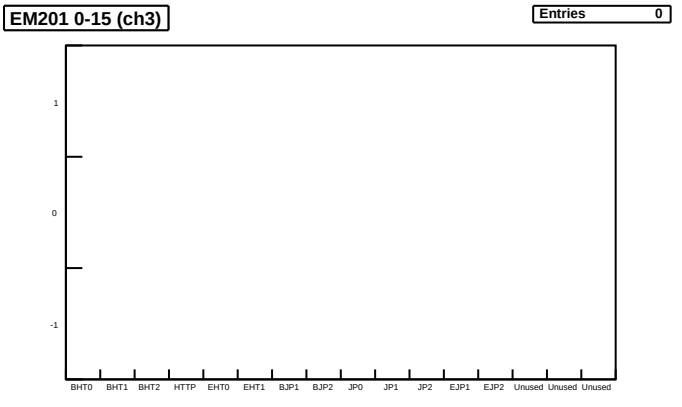

TF201 0-15 (ch0)
Entries 2172448
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

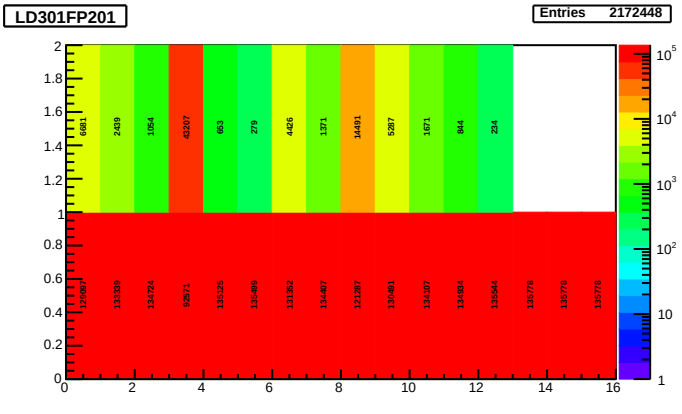

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

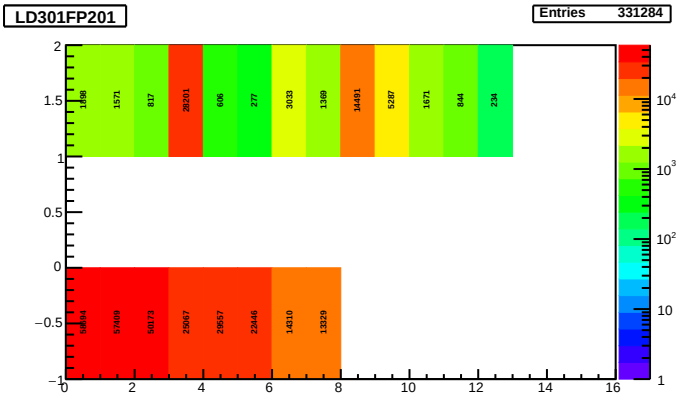

LD301VT201
Entries 2172448


LD301VT201
Entries 717455


EM201 0-15 (ch3)
Entries 2172448
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 2172448


LD301FP201
Entries 331284