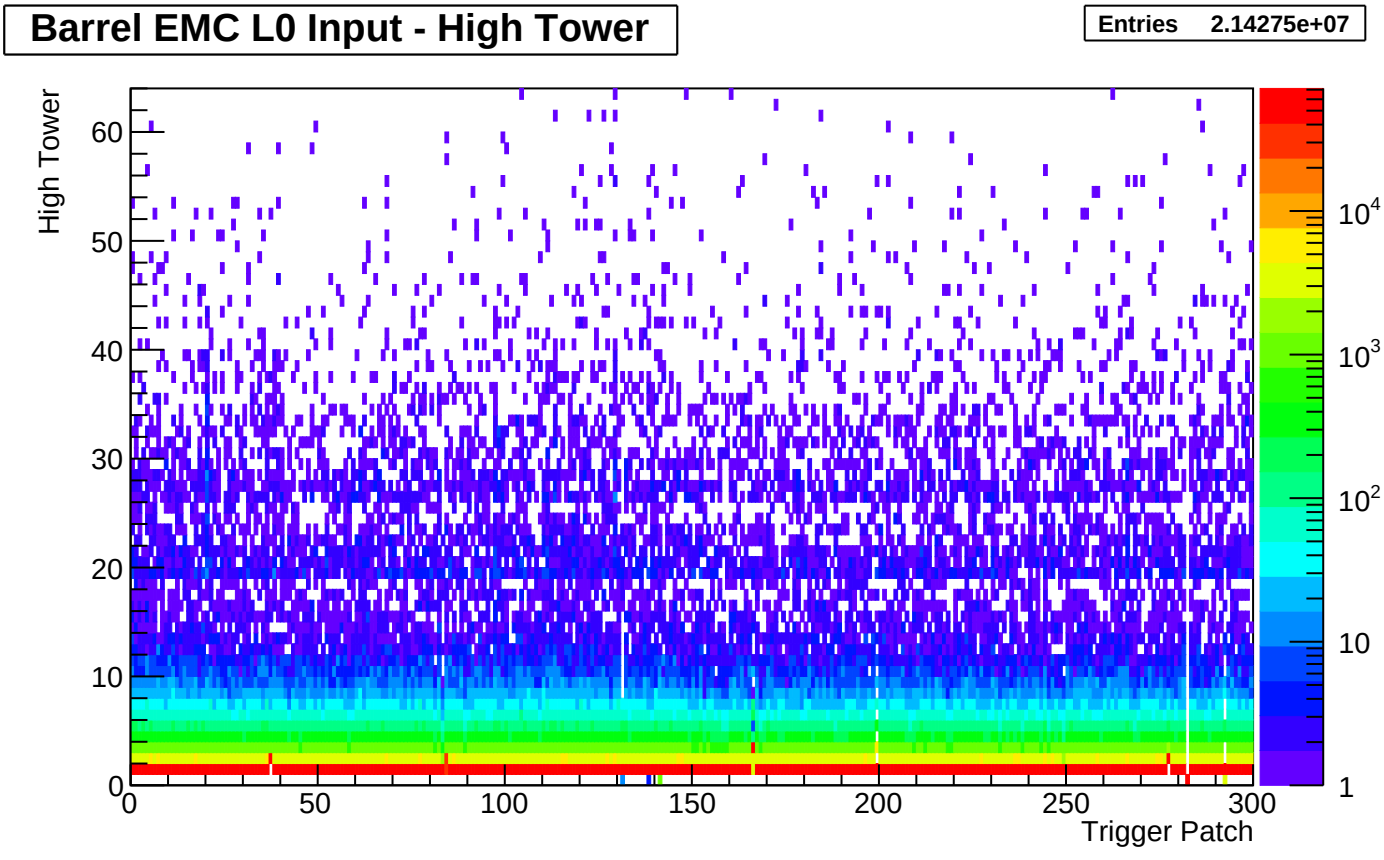
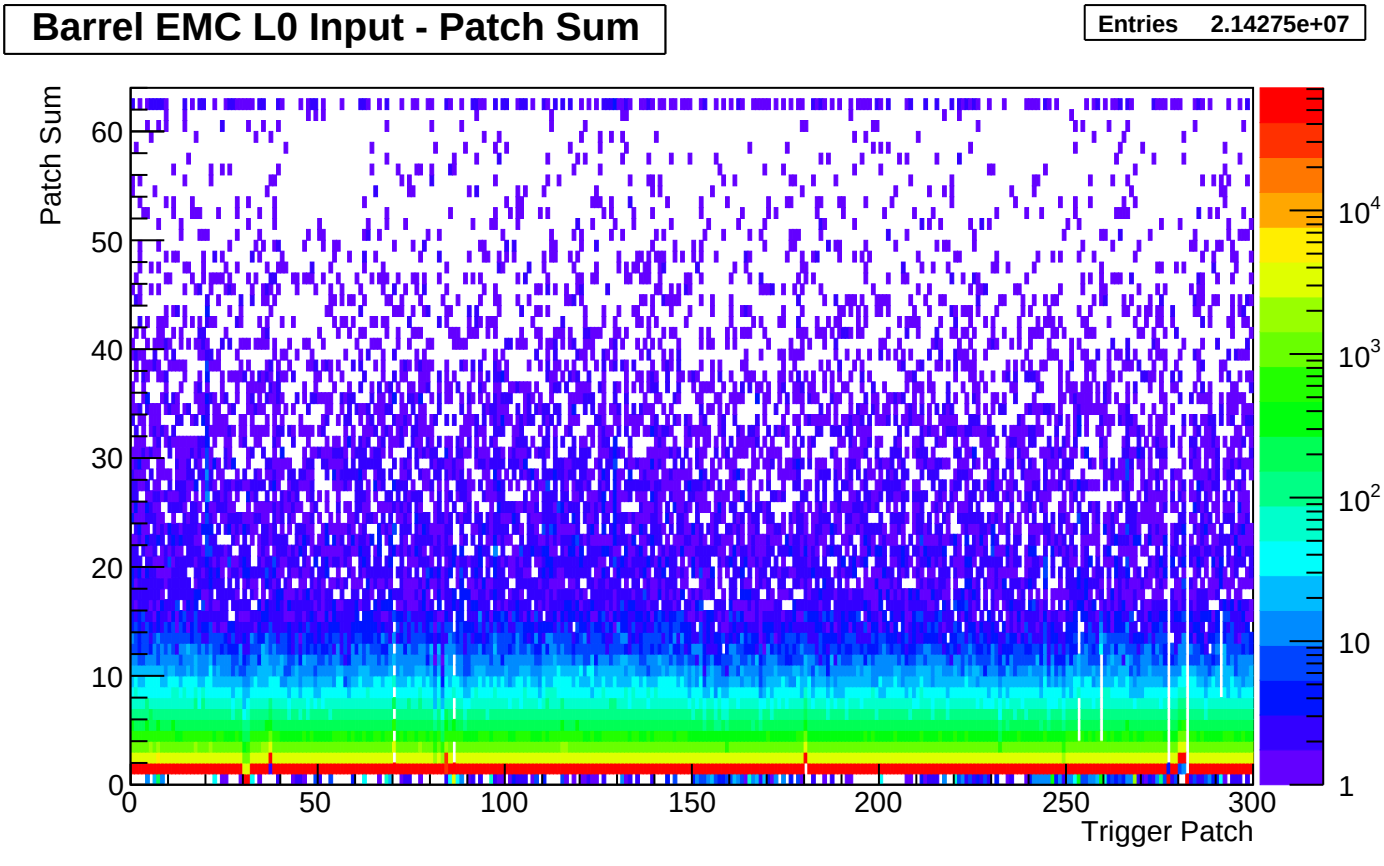
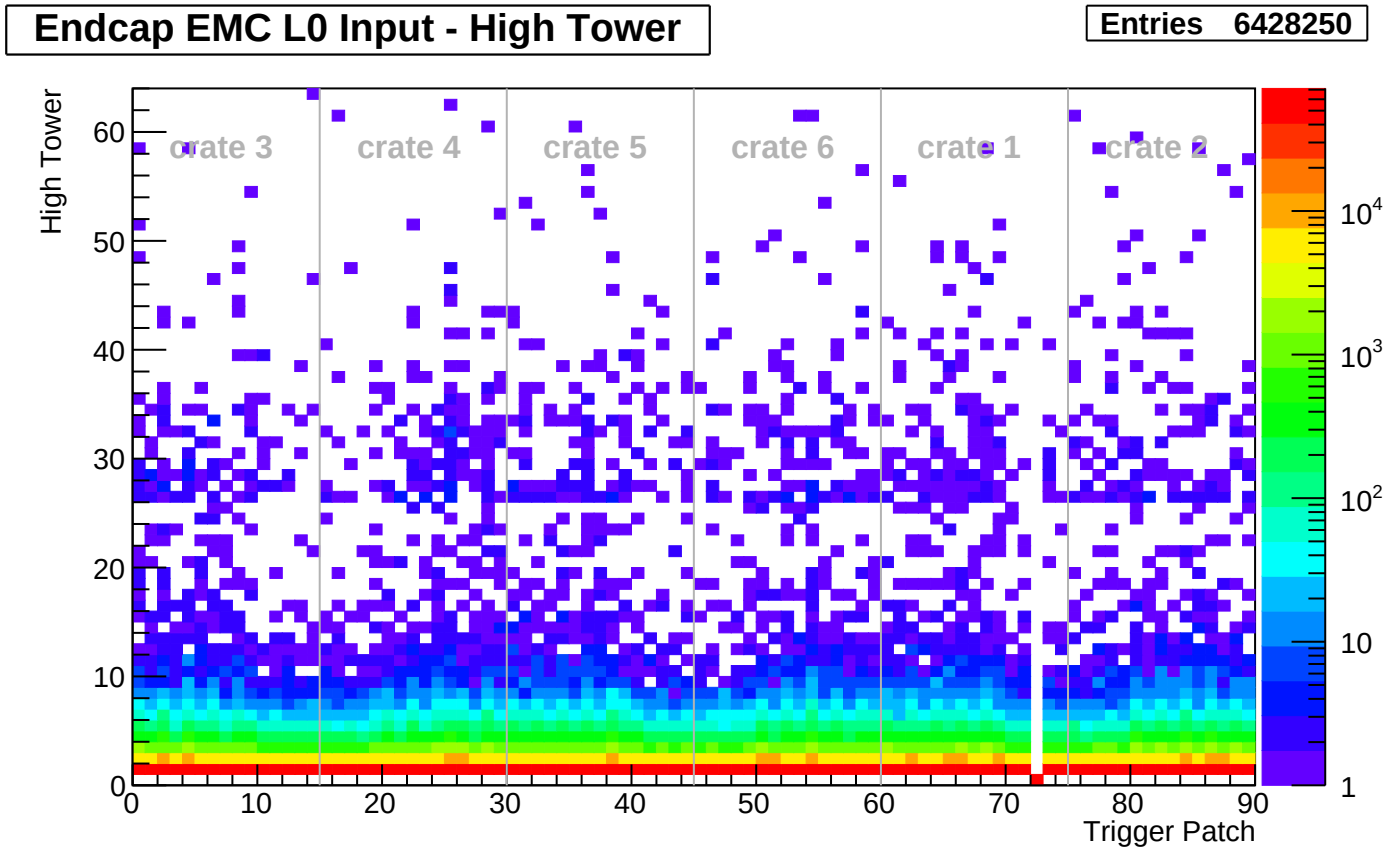
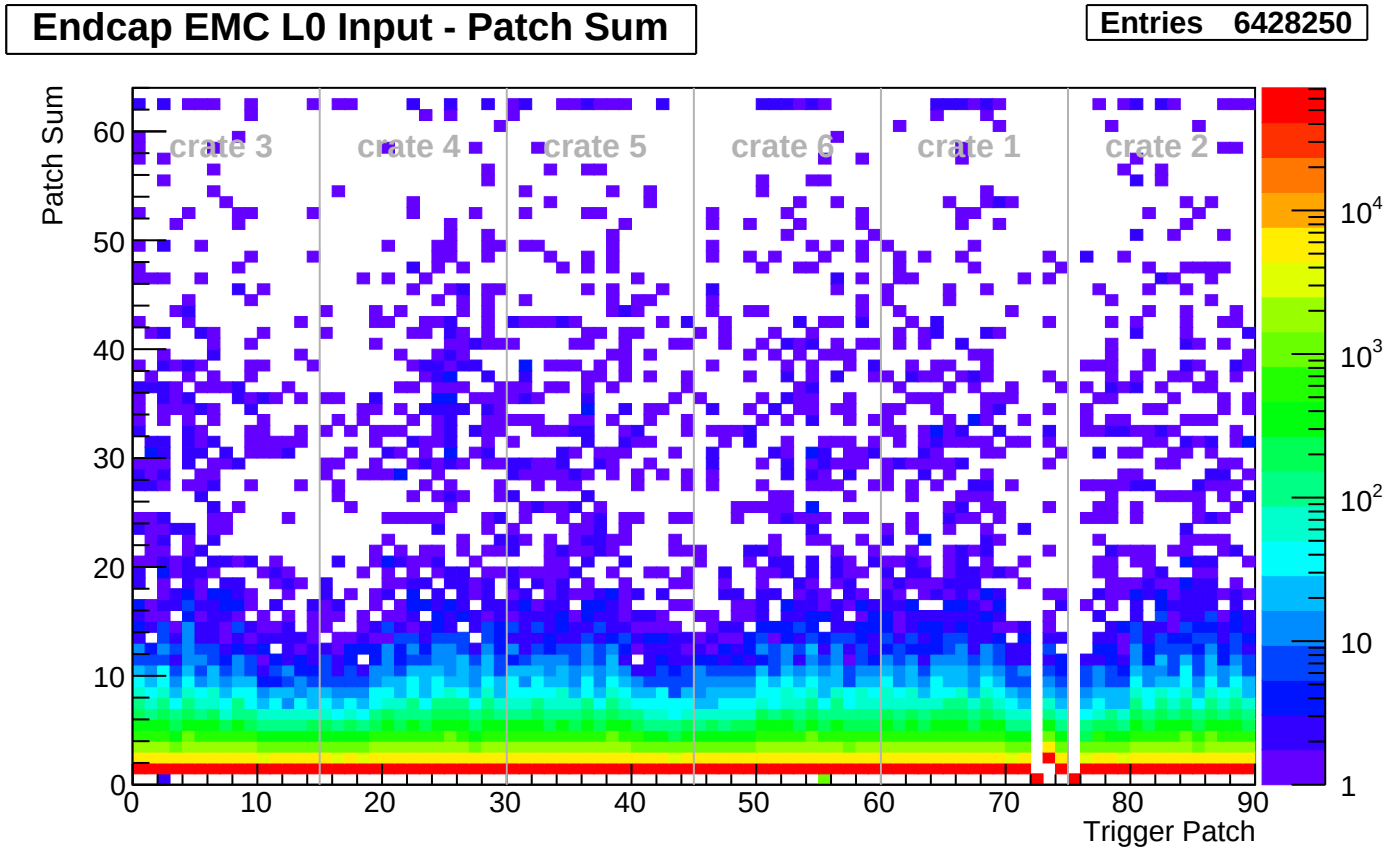
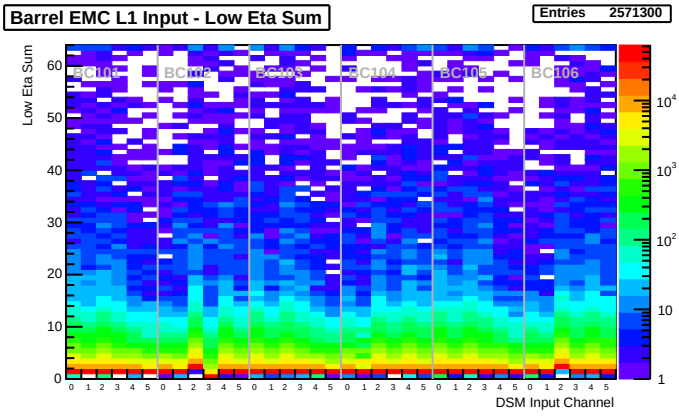
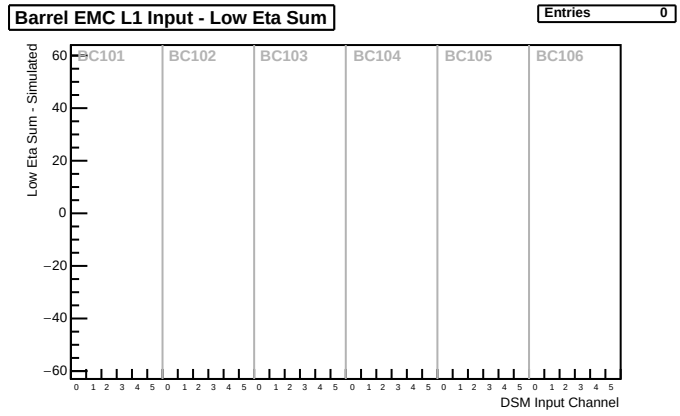

Barrel EMC L0 Input - High Tower
Entries 2.14275e+07
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

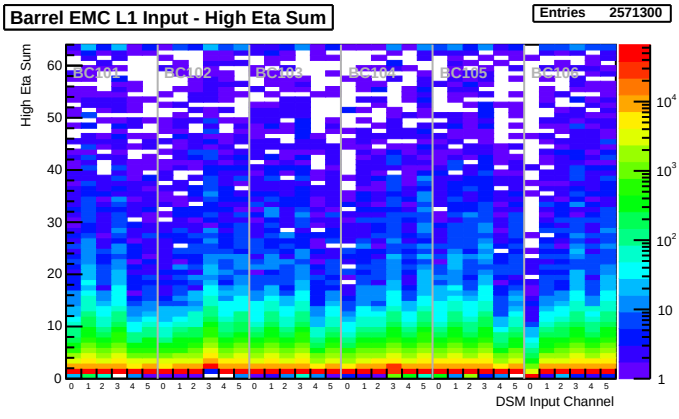

Barrel EMC L0 Input - Patch Sum
Entries 2.14275e+07
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

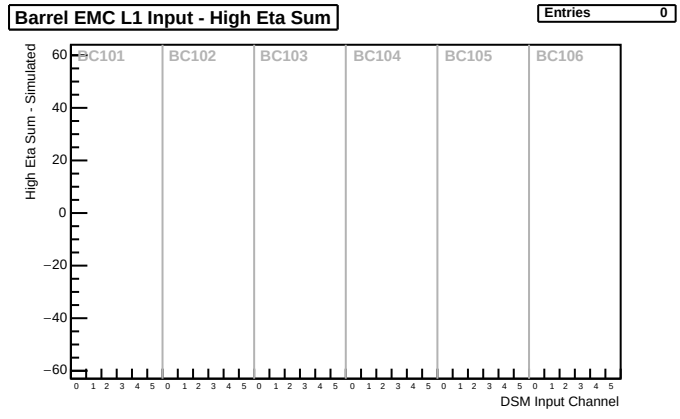

Endcap EMC L0 Input - High Tower
Entries 6428250
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch
0
10
20
30
40
50
60
70
80
90
1
10
10^2
10^3
10^4

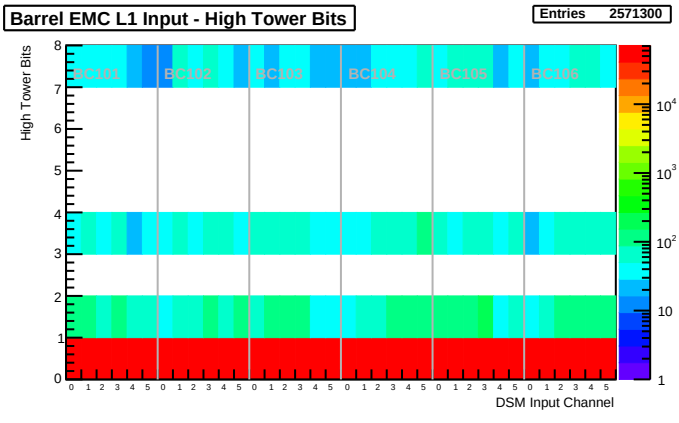

Endcap EMC L0 Input - Patch Sum
Entries 6428250
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch
0
10
20
30
40
50
60
70
80
90
1
10
10^2
10^3
10^4

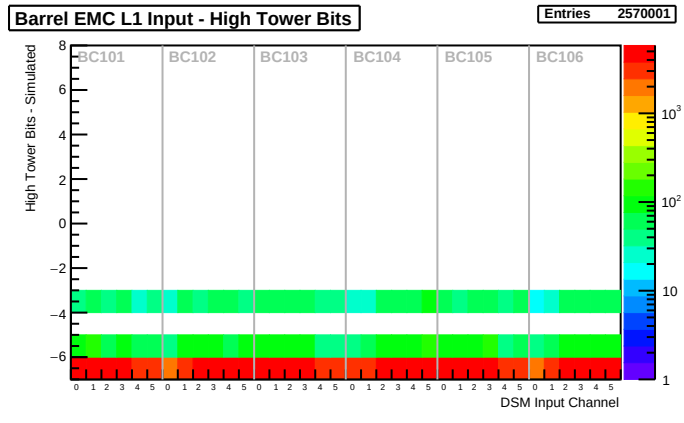

Barrel EMC L1 Input - Low Eta Sum
Entries 2571300
Low Eta Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

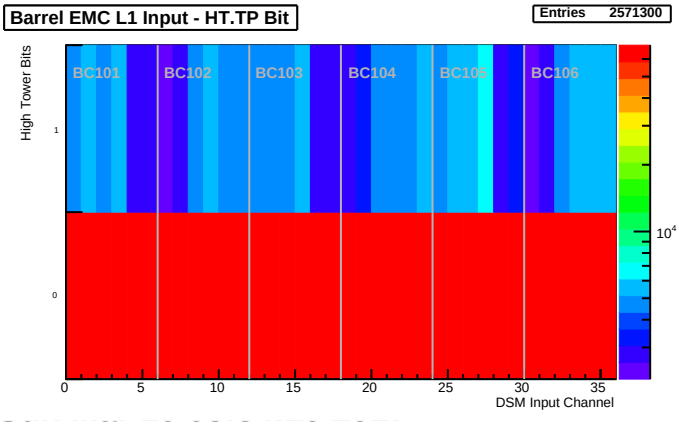

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

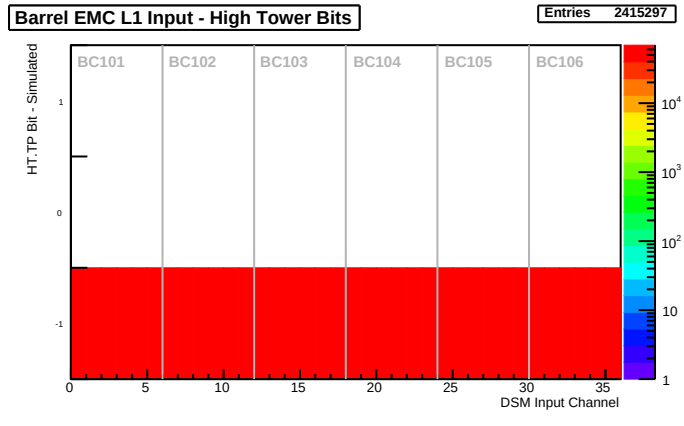

Barrel EMC L1 Input - High Eta Sum
Entries 2571300
High Eta Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

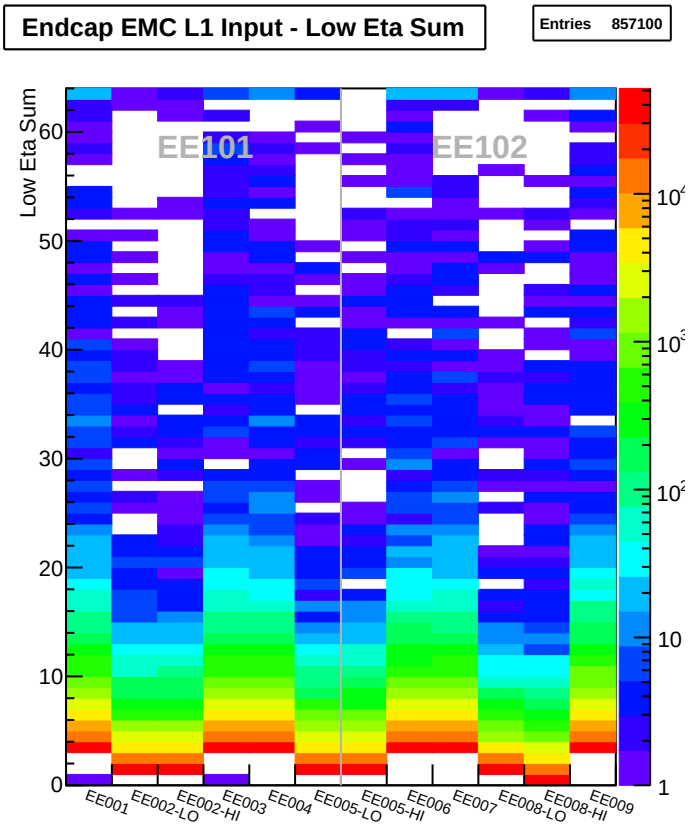

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

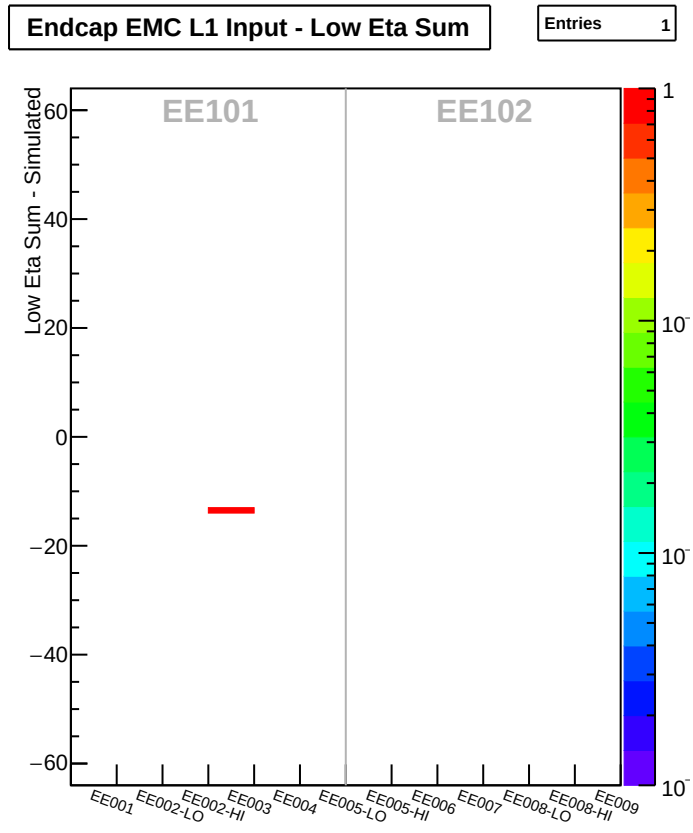

Barrel EMC L1 Input - High Tower Bits
Entries 2571300
High Tower Bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

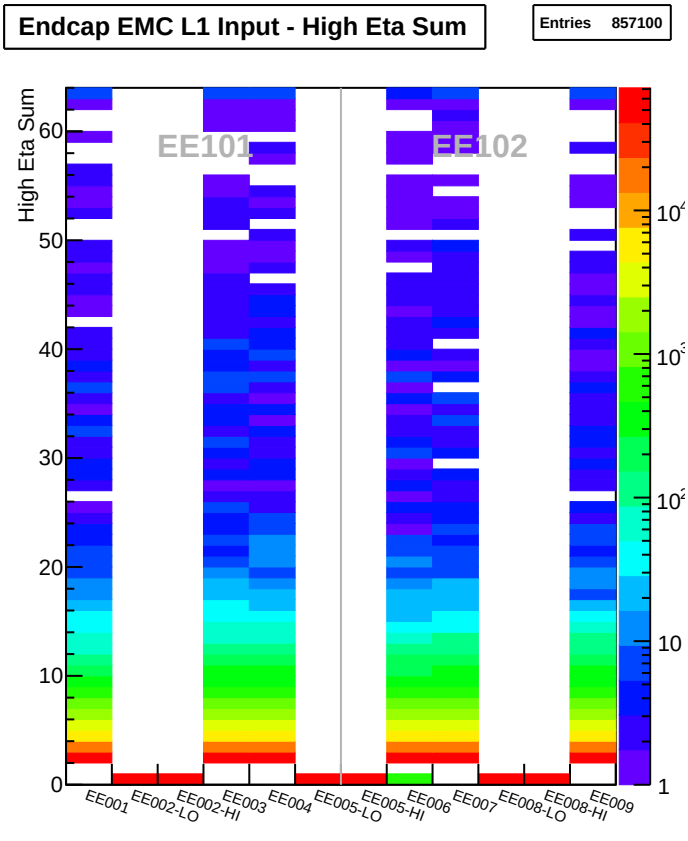

Barrel EMC L1 Input - High Tower Bits
Entries 2570001
High Tower Bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

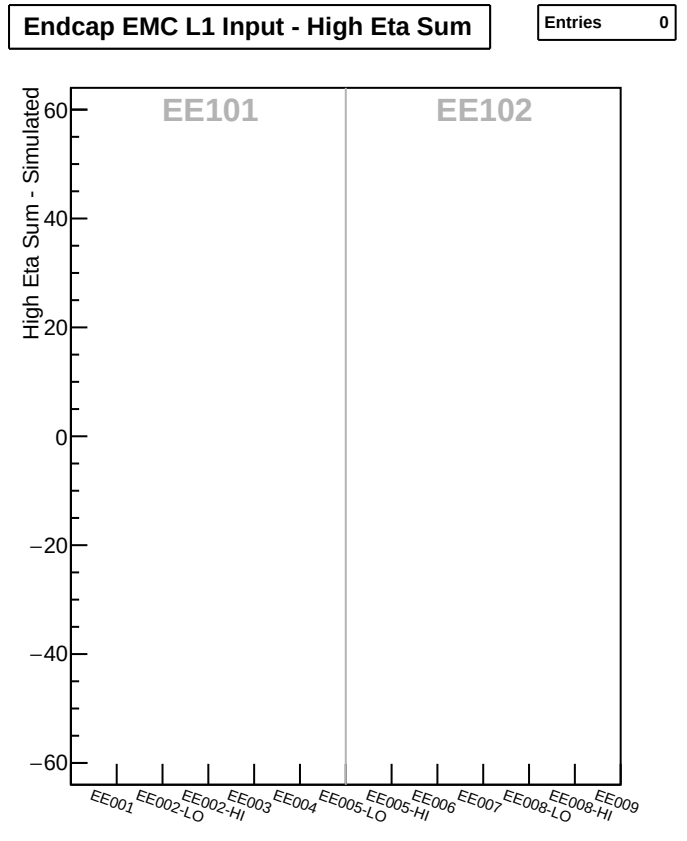

Barrel EMC L1 Input - HT.TP Bit
Entries 2571300
High Tower Bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

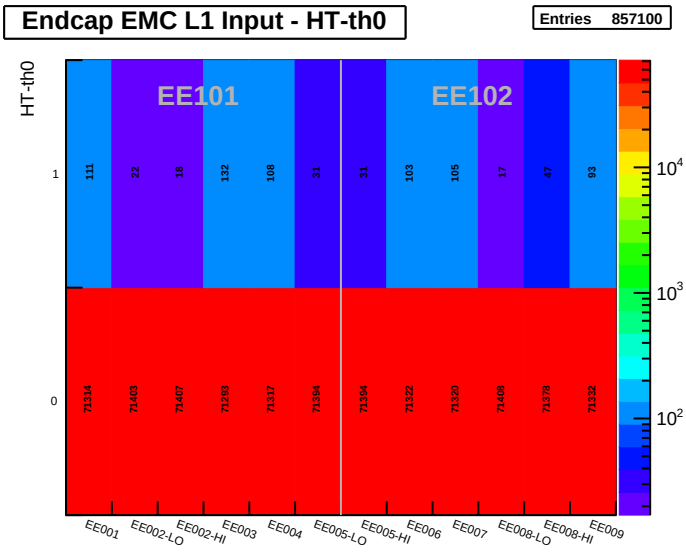

Barrel EMC L1 Input - High Tower Bits
Entries 2415297
HT.TP Bit - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

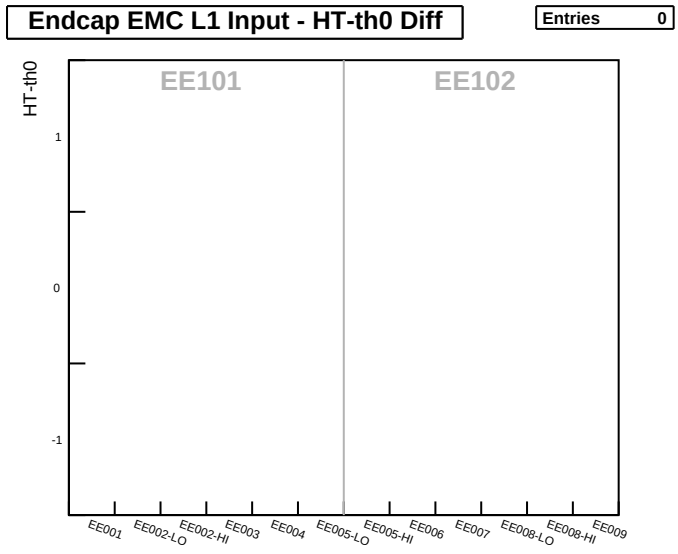

Endcap EMC L1 Input - Low Eta Sum
Entries 857100
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

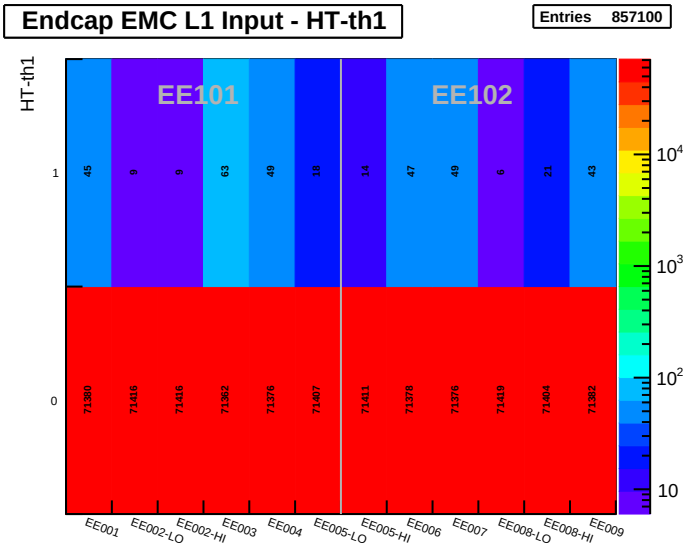

Endcap EMC L1 Input - Low Eta Sum
Entries 1
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

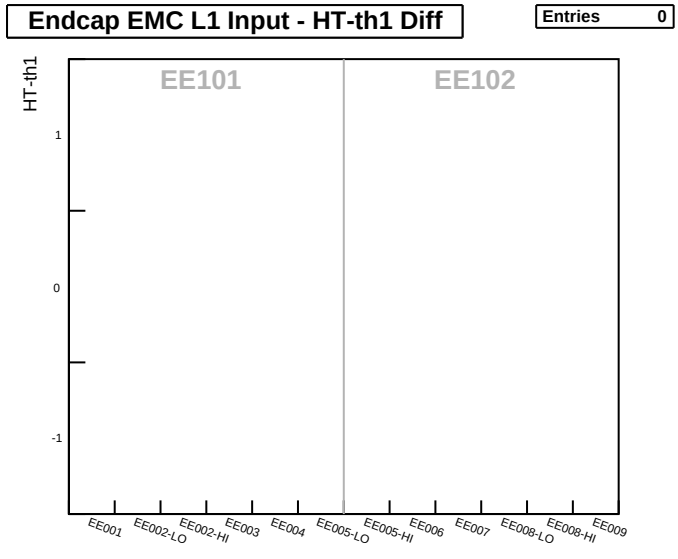

Endcap EMC L1 Input - High Eta Sum
Entries 857100
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

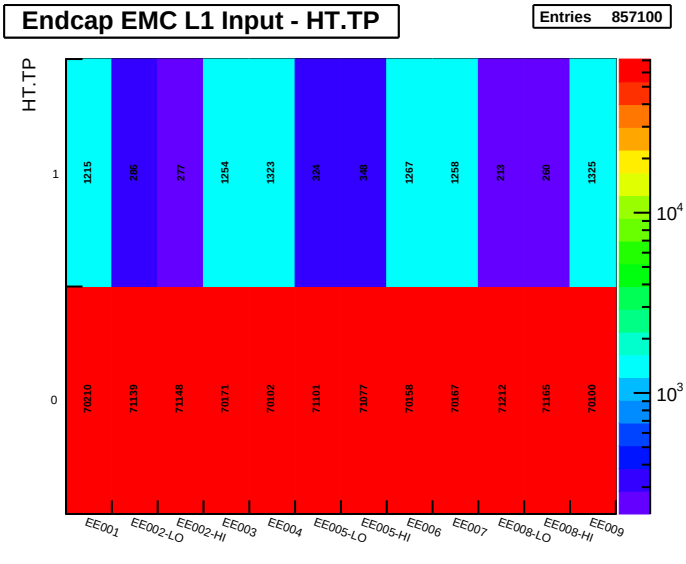

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

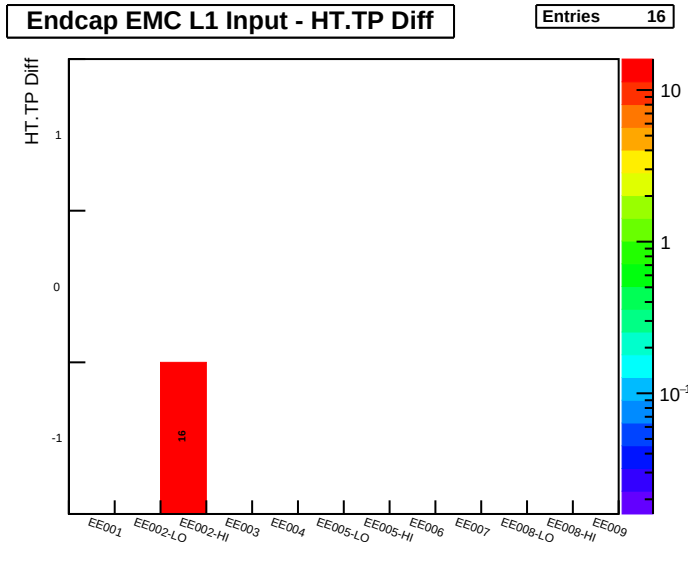

Endcap EMC L1 Input - HT-th0
Entries 857100
HT-th0
EE101
EE102
1
0
111 22 18 132 108 31 31 103 105 17 47 93
71314 71403 71407 71293 71317 71394 71394 71322 71320 71408 71378 71332
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^4
10^3
10^2

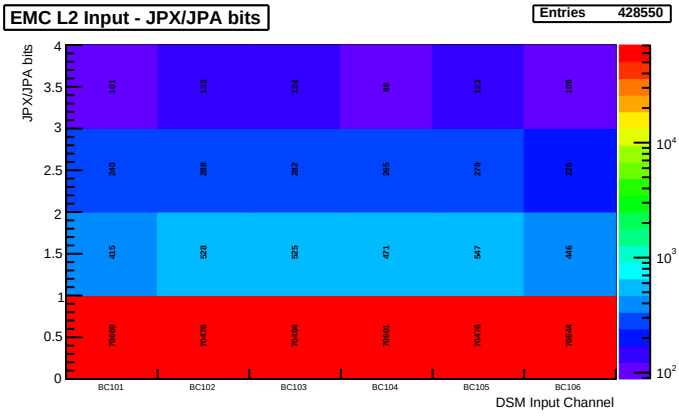

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
HT-th0
EE101
EE102
1
0
-1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

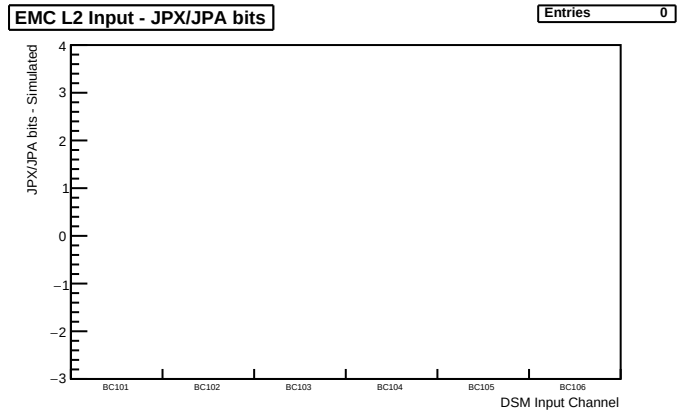

Endcap EMC L1 Input - HT-th1
Entries 857100
HT-th1
EE101
EE102
1
0
45 9 9 63 49 18 14 47 49 6 21 43
71380 71416 71416 71362 71376 71407 71411 71378 71376 71419 71404 71382
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^4
10^3
10^2
10

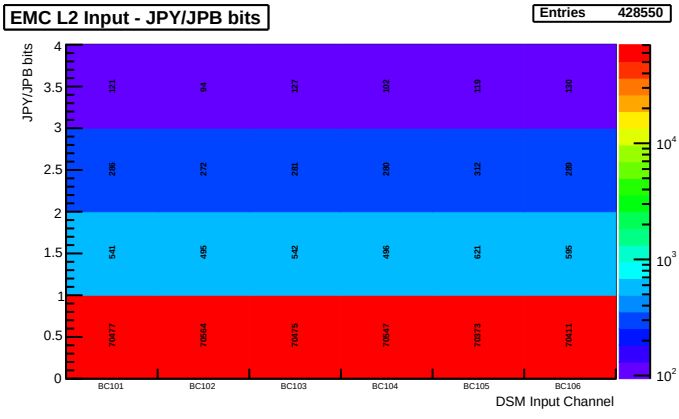

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
HT-th1
EE101
EE102
1
0
-1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

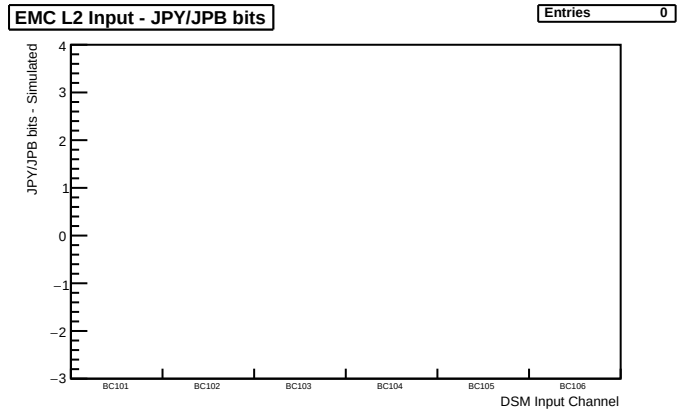

Endcap EMC L1 Input - HT.TP
Entries 857100
HT.TP
1
0
1215 266 277 1254 1323 324 348 1267 1258 232 260 1325
70010 71139 71148 70171 70102 71101 71077 70158 70167 71212 71165 70100
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^4
10^3

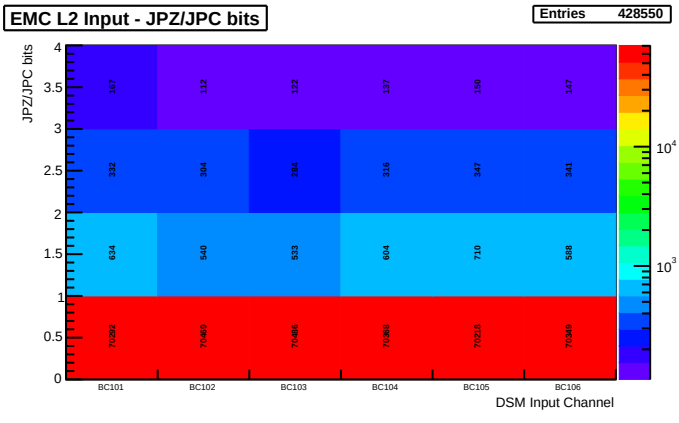

Endcap EMC L1 Input - HT.TP Diff
Entries 16
HT.TP Diff
1
0
-1
16
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10
1
10^{-1}

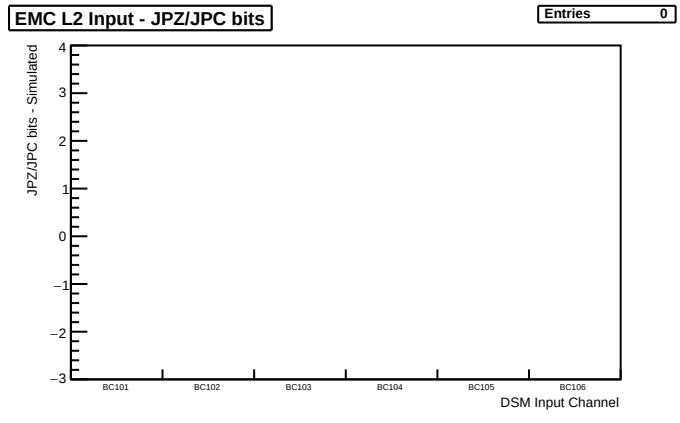

EMC L2 Input - JPX/JPA bits
Entries 428550
JPX/JPA bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106
101 133 124 88 123 109
240 288 282 265 279 226
415 528 525 471 547 446
70589 70476 70494 70601 70476 70544

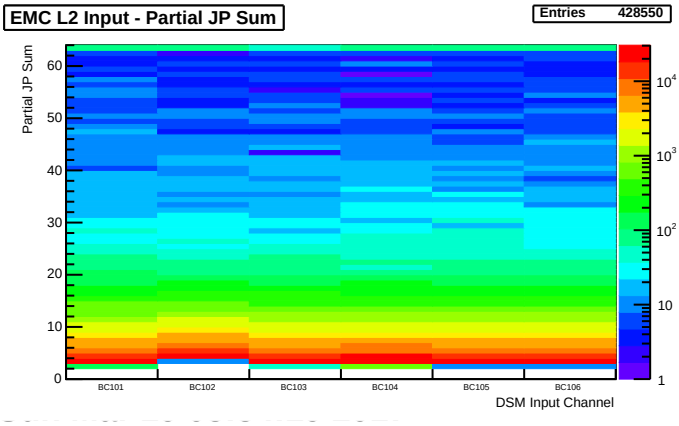

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106

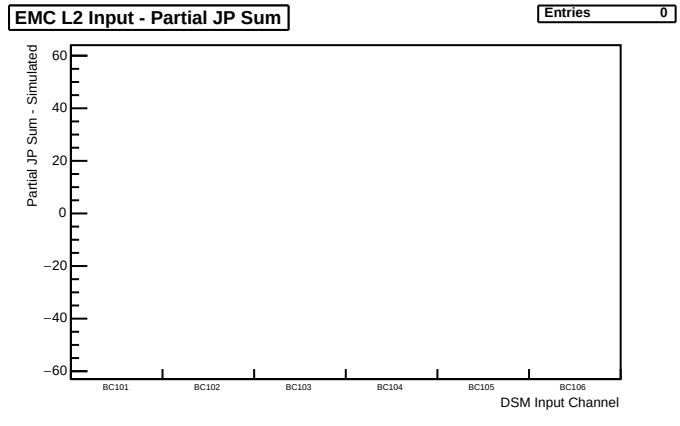

EMC L2 Input - JPY/JPB bits
Entries 428550
JPY/JPB bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106
121 94 127 102 119 130
286 272 281 280 312 289
541 495 542 498 621 595
70477 70564 70475 70547 70373 70411

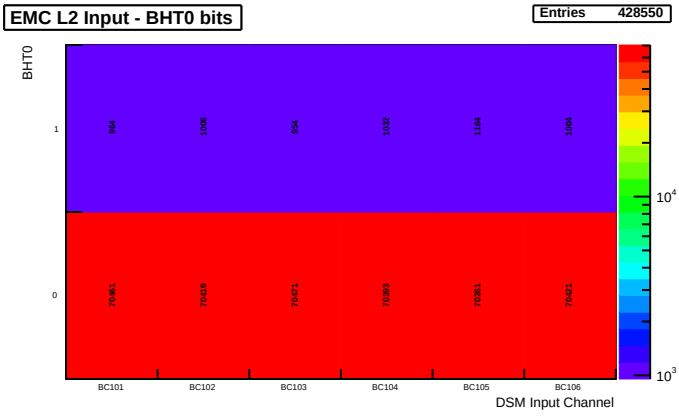

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106

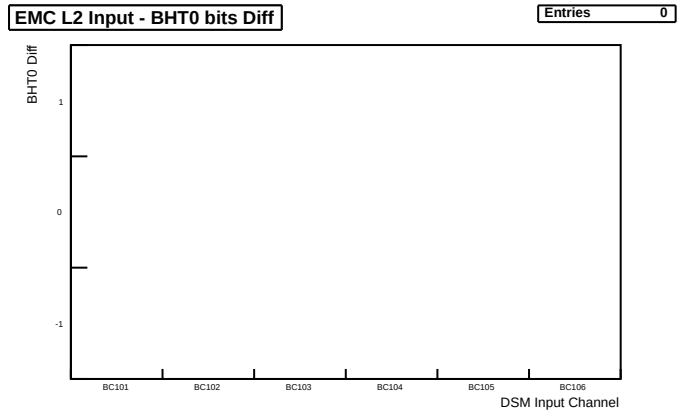

EMC L2 Input - JPZ/JPC bits
Entries 428550
JPZ/JPC bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106
167 112 122 137 150 147
332 304 234 316 347 341
634 540 533 604 710 588
70292 70469 70486 70388 70218 70349

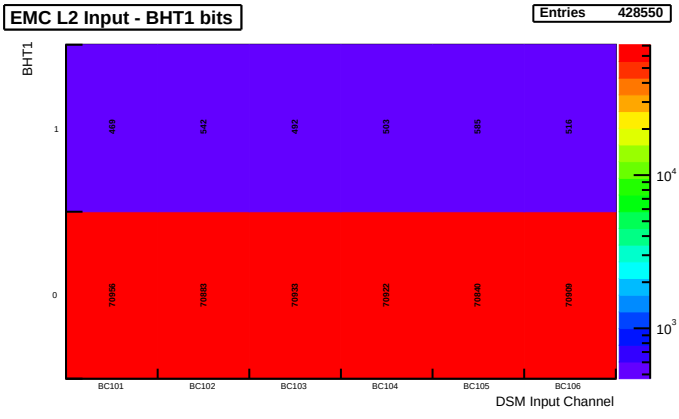

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106

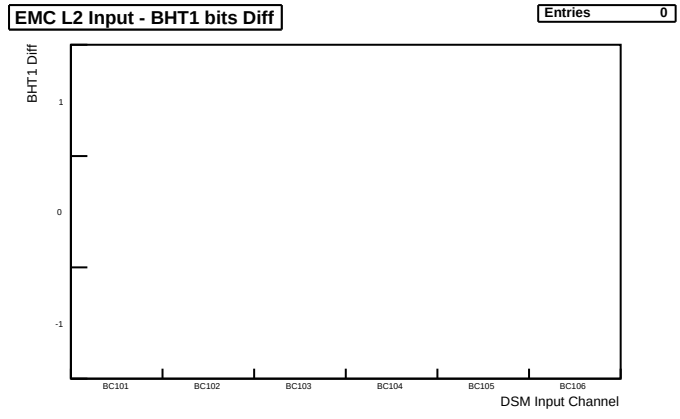

EMC L2 Input - Partial JP Sum
Entries 428550
Partial JP Sum
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106

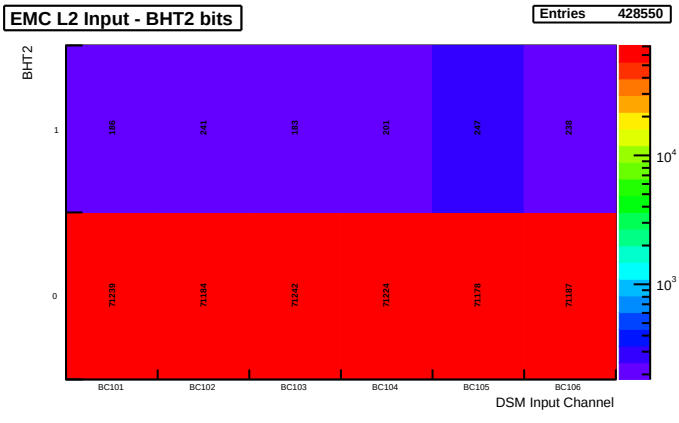

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106

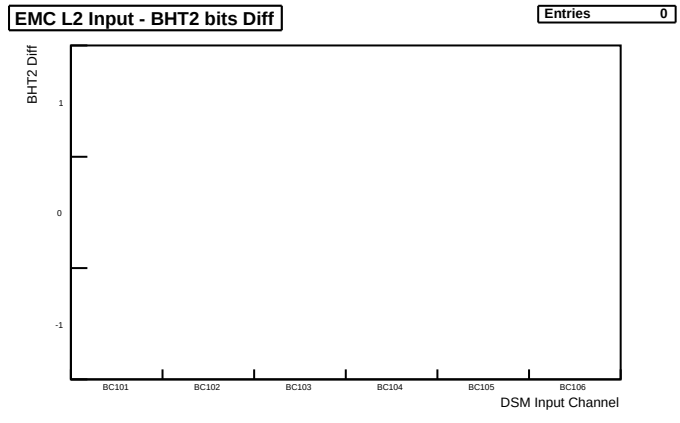

EMC L2 Input - BHT0 bits
Entries 428550
BHT0
1
0
904
1006
994
1032
1194
1004
70461
70419
70471
70393
70251
70421
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^4
10^3

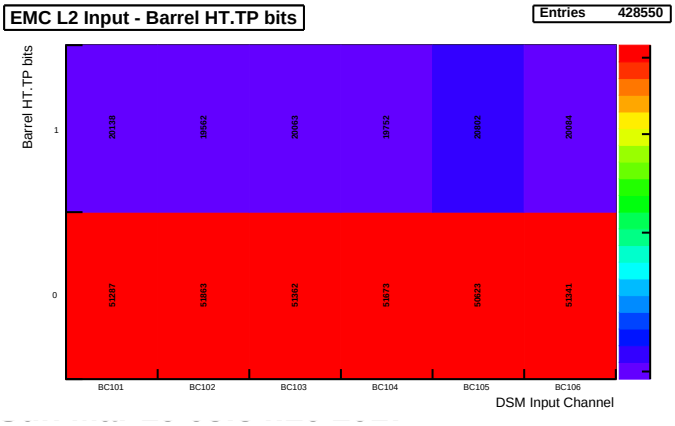

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

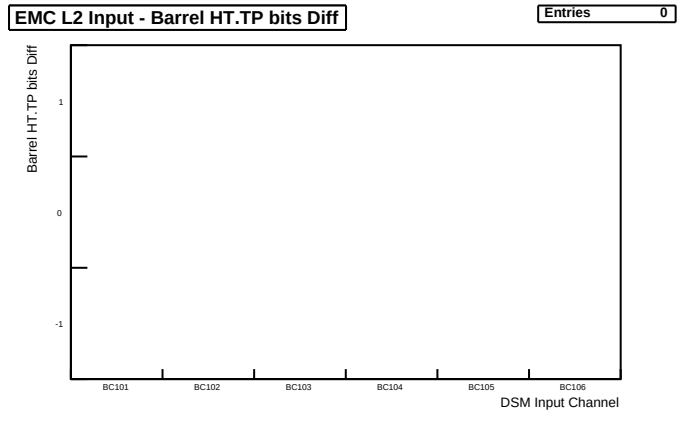

EMC L2 Input - BHT1 bits
Entries 428550
BHT1
1
0
469
542
492
503
585
516
70956
70883
70933
70922
70840
70909
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^4
10^3

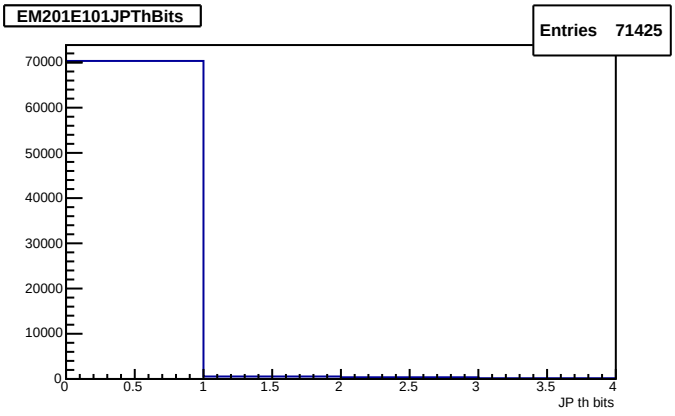

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

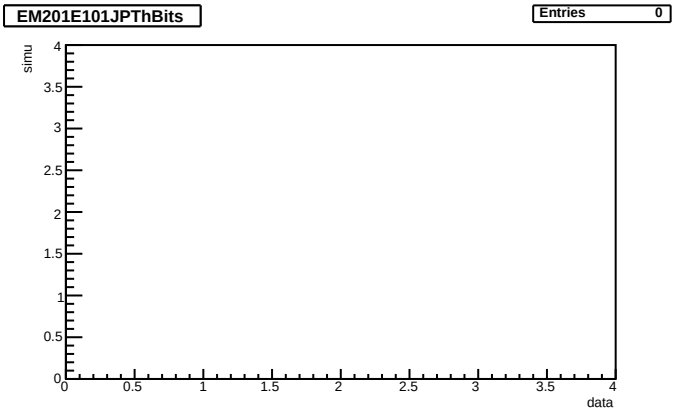

EMC L2 Input - BHT2 bits
Entries 428550
BHT2
1
0
136
241
183
201
247
238
71239
71194
71242
71224
71178
71187
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^4
10^3

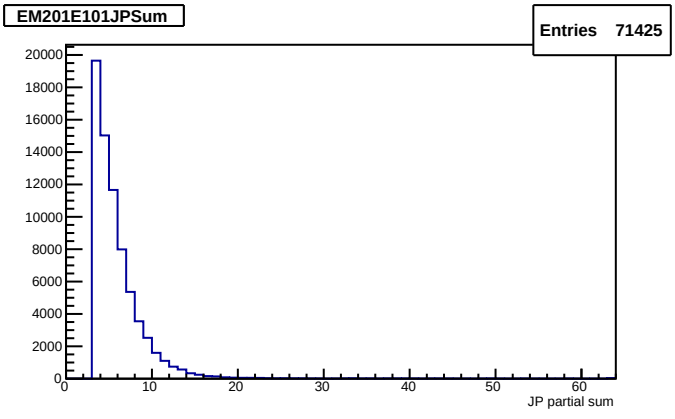

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

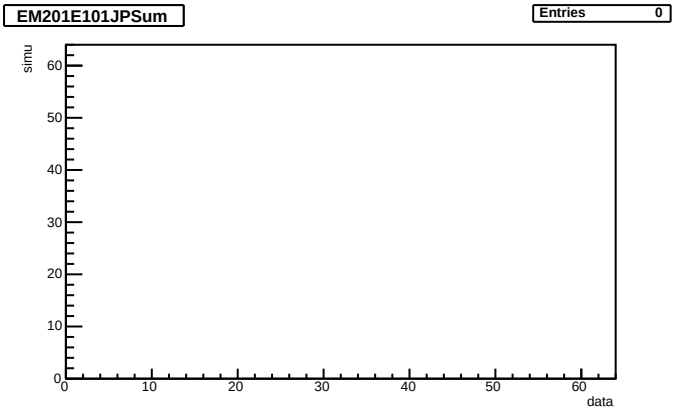

EMC L2 Input - Barrel HT.TP bits
Entries 428550
Barrel HT.TP bits
1
0
20138
19562
20063
19752
20862
20084
51237
51853
51362
51673
50623
51341
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

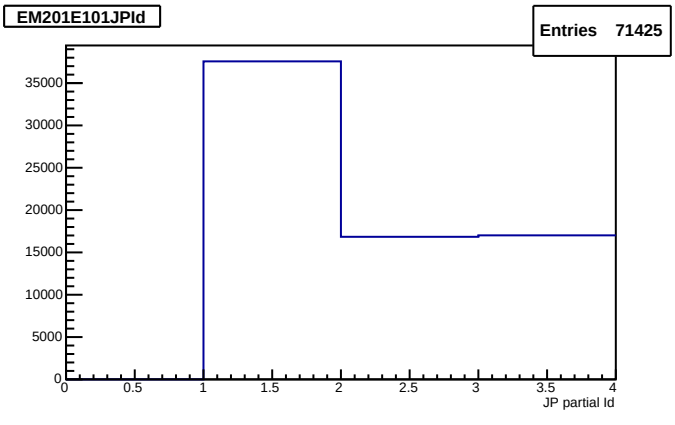

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

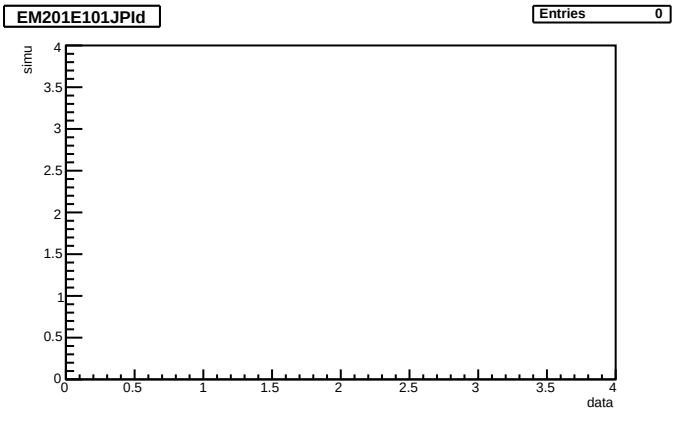

EM201E101JPThBits
Entries 71425
JP th bits

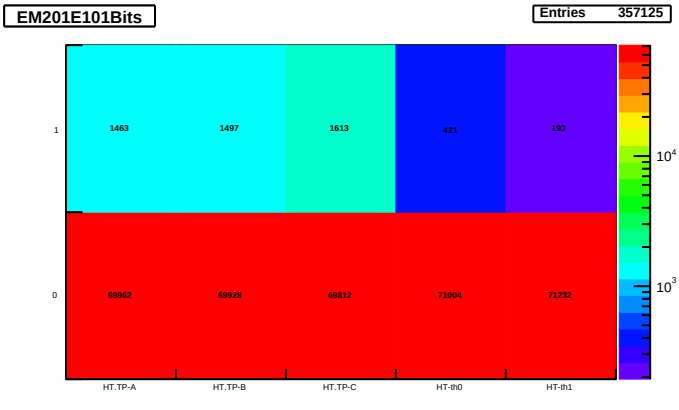

EM201E101JPThBits
Entries 0
simu
data

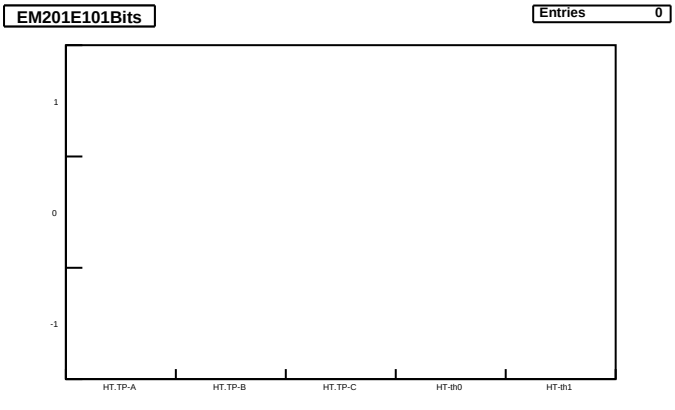

EM201E101JPSum
Entries 71425
JP partial sum

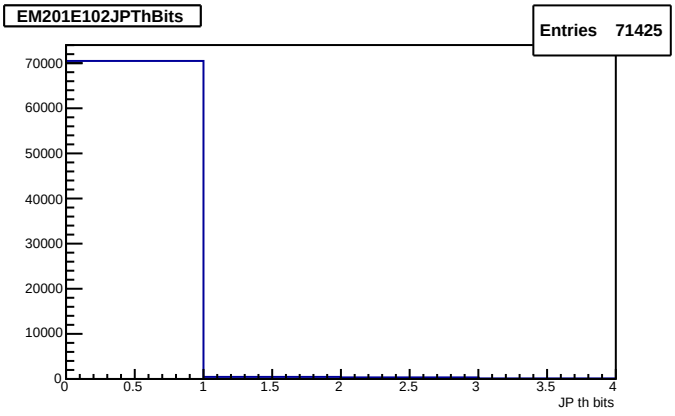

EM201E101JPSum
Entries 0
simu
data

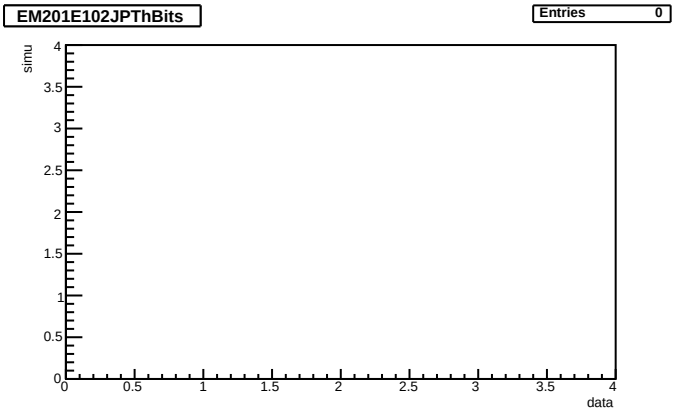

EM201E101JPId
Entries 71425
JP partial Id

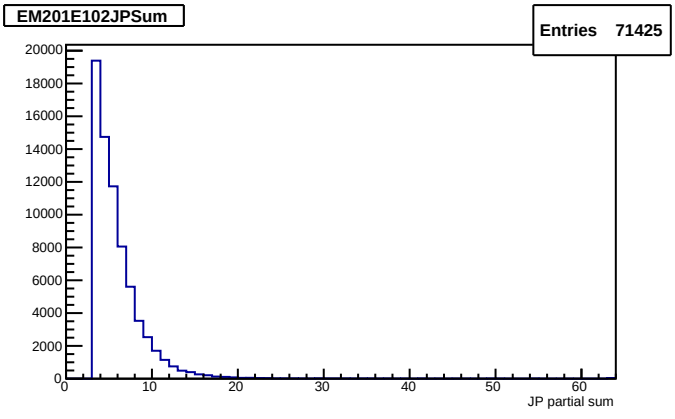

EM201E101JPId
Entries 0
simu
data

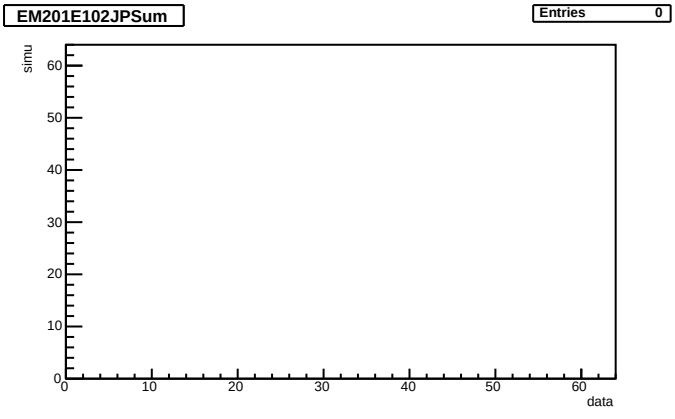

EM201E101Bits
Entries 357125
1463
1497
1613
421
193
69962
69928
69812
71004
71232
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

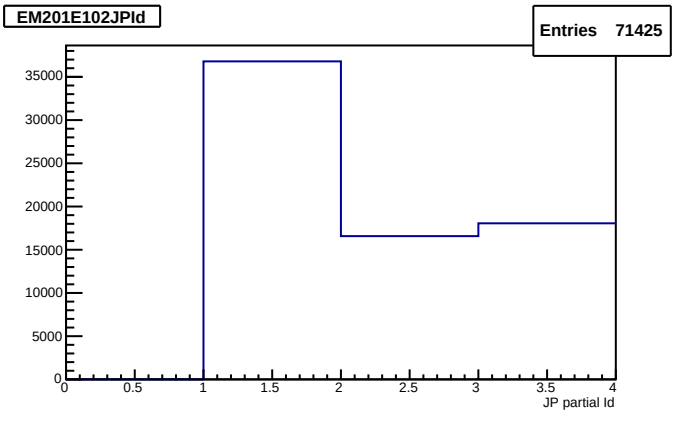

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

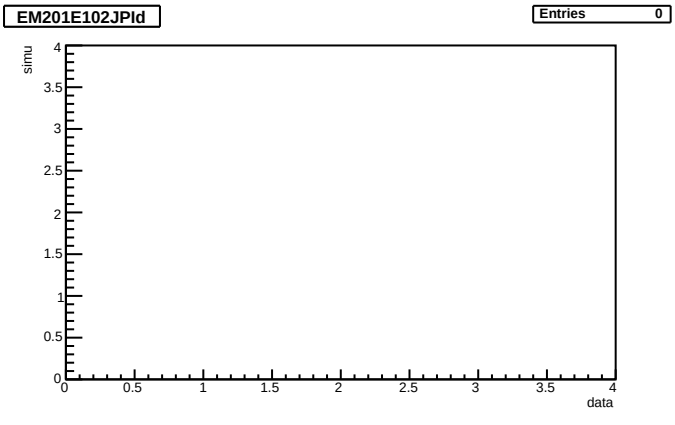

EM201E102JPThBits
Entries 71425
JP th bits

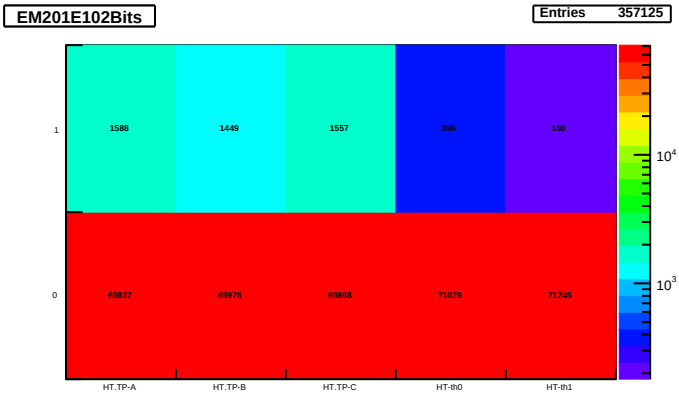

EM201E102JPThBits
Entries 0
simu
data

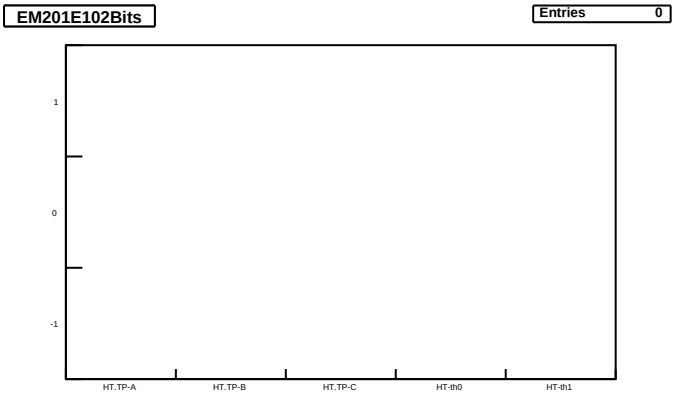

EM201E102JPSum
Entries 71425
JP partial sum

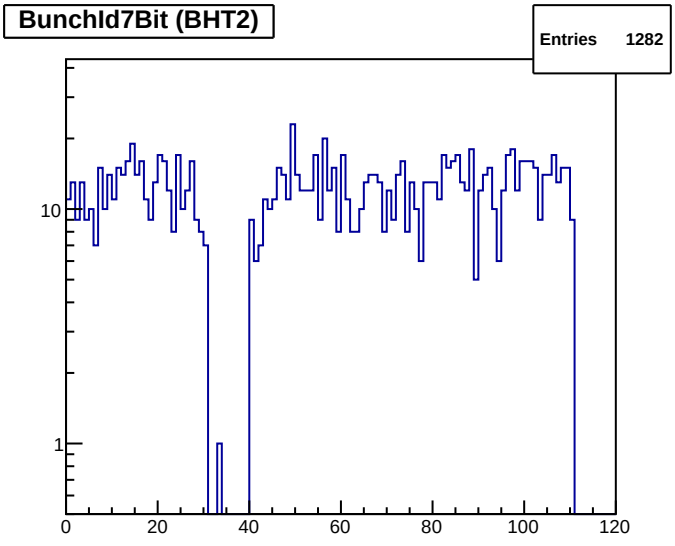

EM201E102JPSum
Entries 0
simu
data

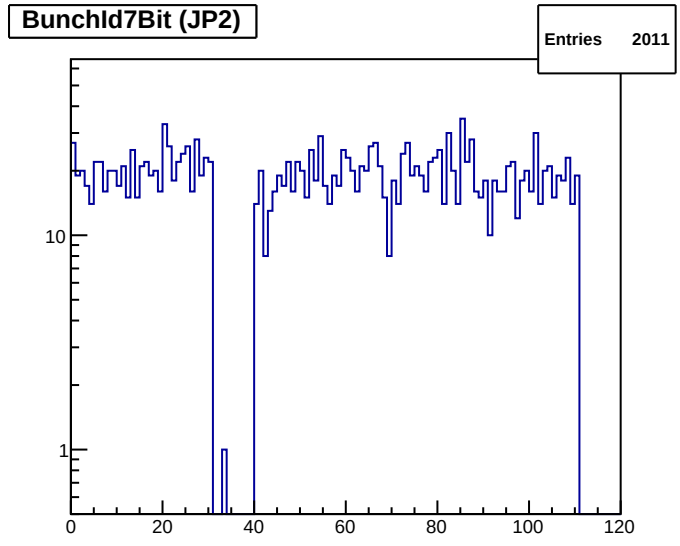

EM201E102JPId
Entries 71425
JP partial Id

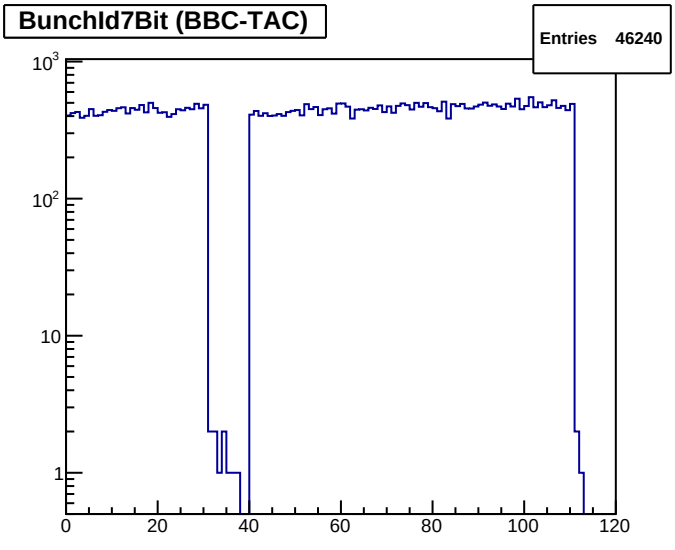

EM201E102JPId
Entries 0
simu
data

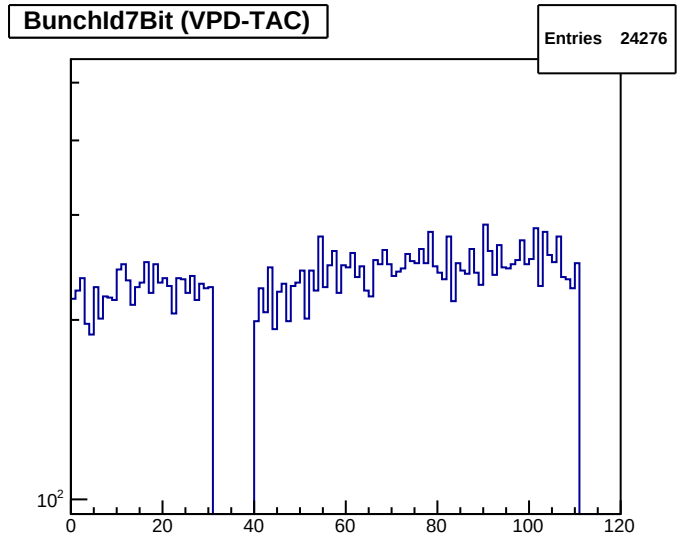

EM201E102Bits
Entries 357125
1588
1449
1557
396
180
69837
69976
69868
71029
71245
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

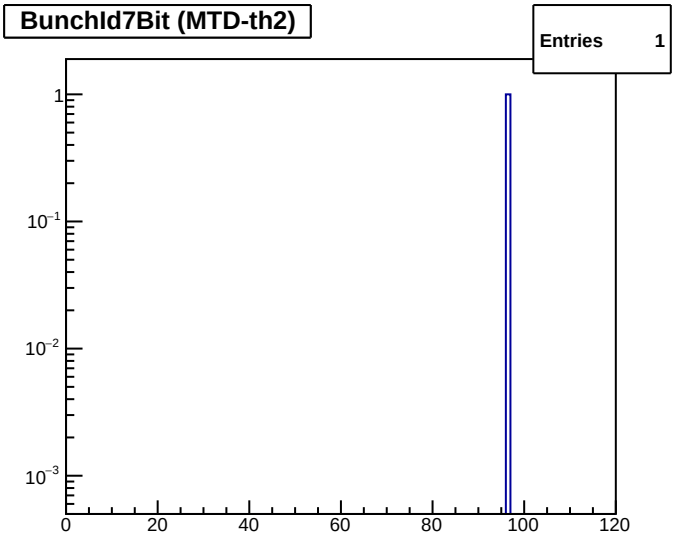

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

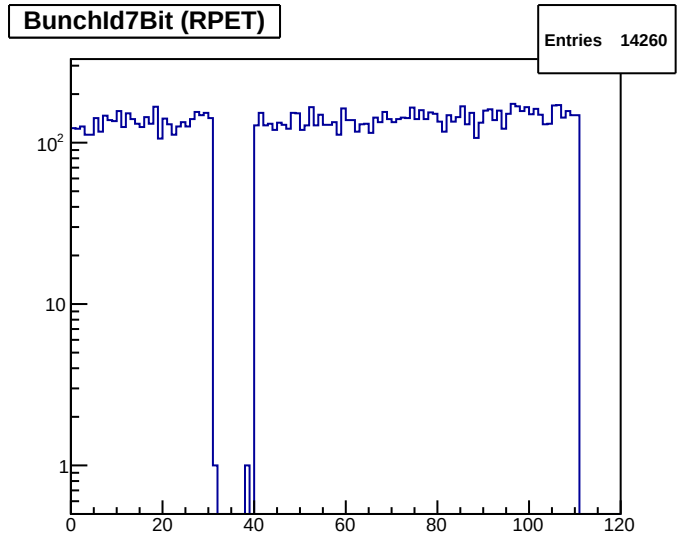

BunchId7Bit (BHT2)
Entries 1282
10
1
0
20
40
60
80
100
120

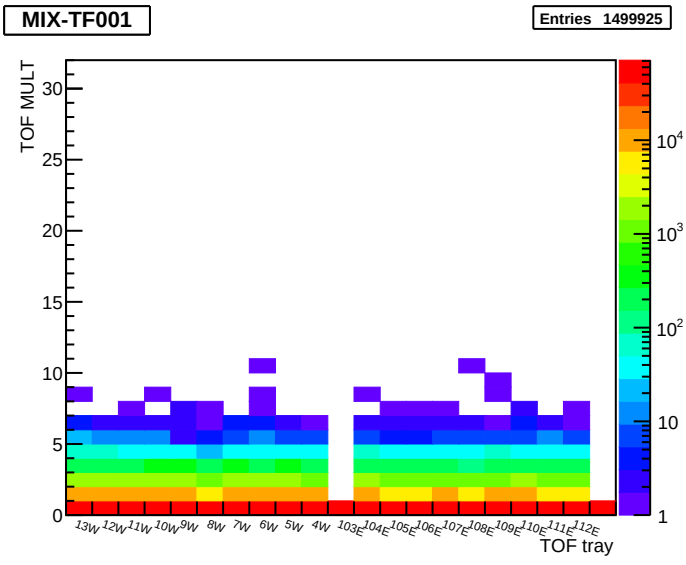

BunchId7Bit (JP2)
Entries 2011
10
1
0
20
40
60
80
100
120

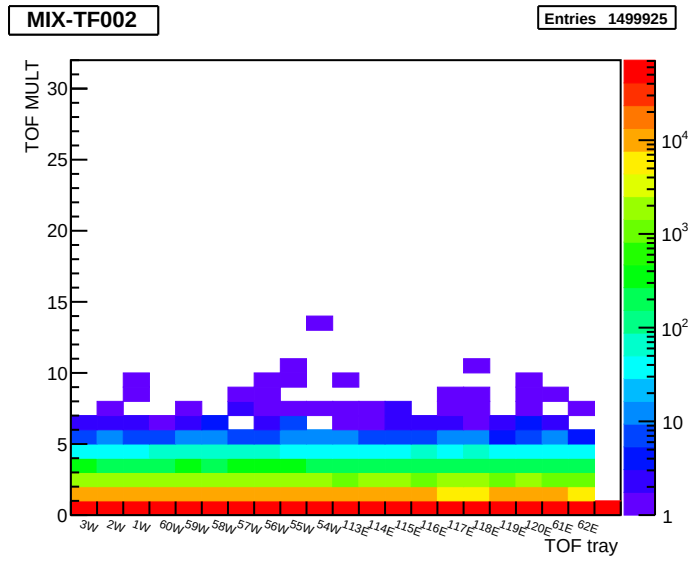

BunchId7Bit (BBC-TAC)
Entries 46240
10^3
10^2
10
1
0
20
40
60
80
100
120

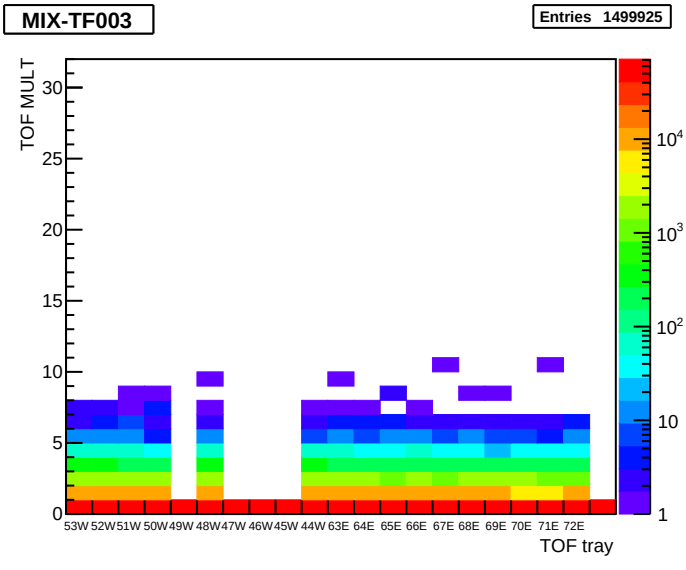

BunchId7Bit (VPD-TAC)
Entries 24276
10^2
0
20
40
60
80
100
120

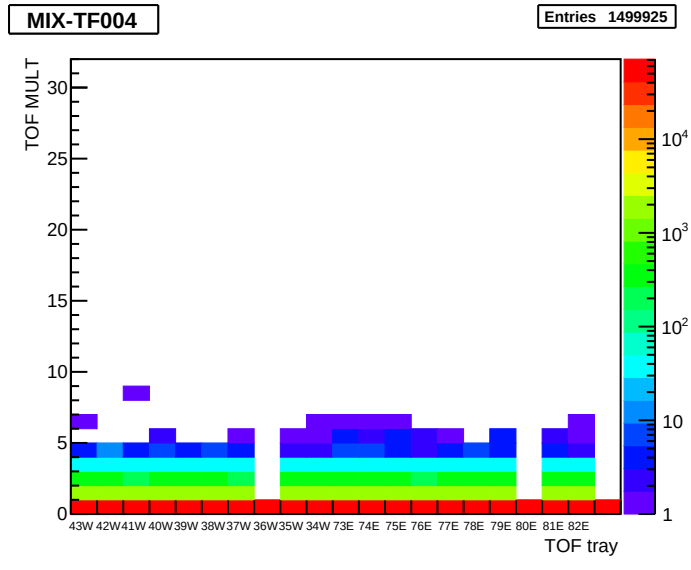

BunchId7Bit (MTD-th2)
Entries 1
1
10^{-1}
10^{-2}
10^{-3}
0
20
40
60
80
100
120

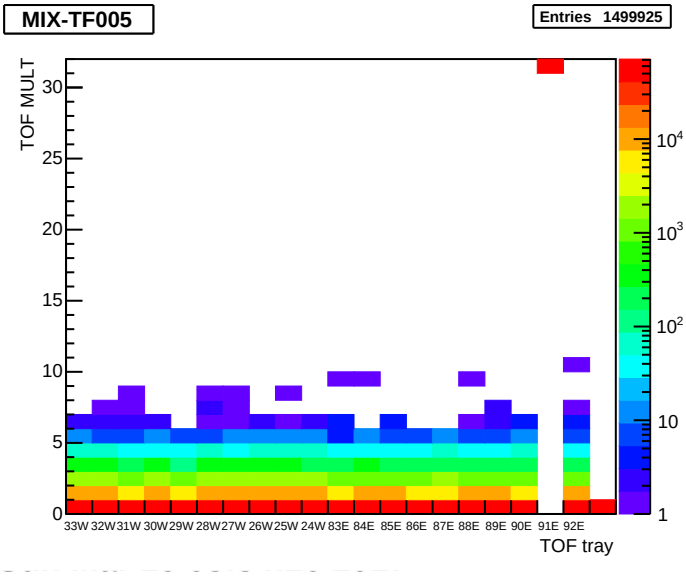

BunchId7Bit (RPET)
Entries 14260
10^2
10
1
0
20
40
60
80
100
120

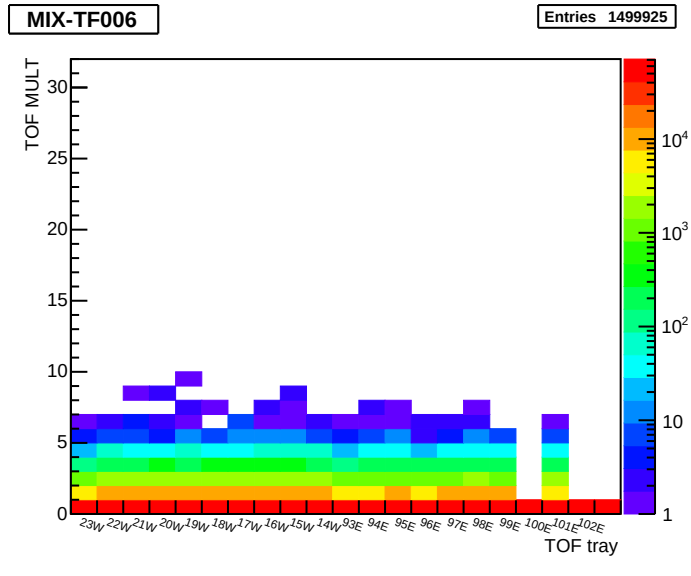

MIX-TF001
Entries 1499925
TOF MULT
TOF tray

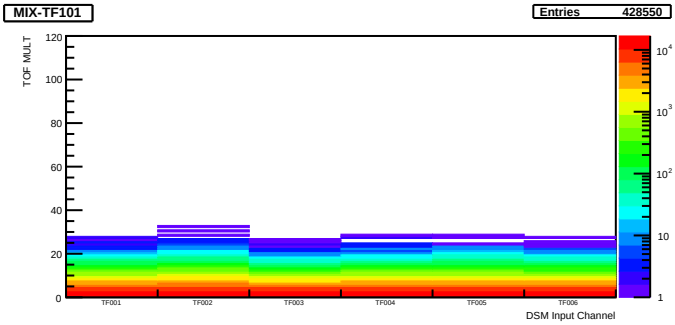

MIX-TF002
Entries 1499925
TOF MULT
TOF tray

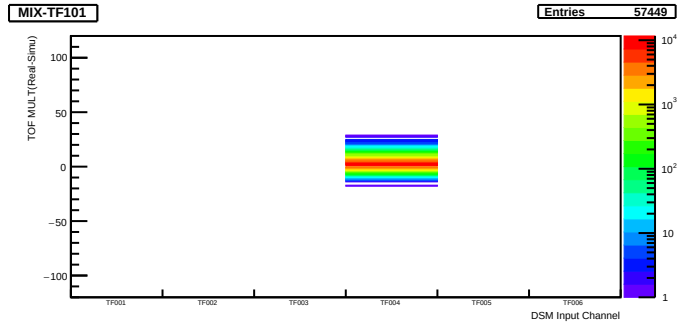

MIX-TF003
Entries 1499925
TOF MULT
TOF tray

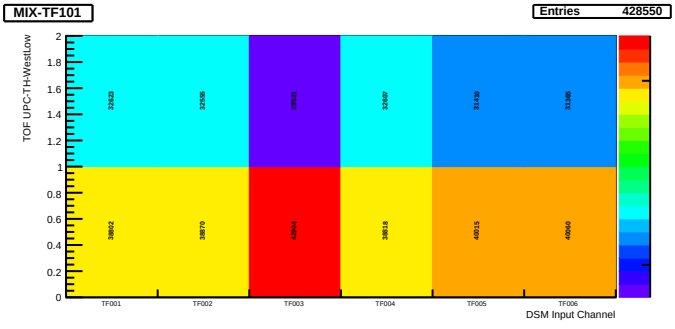

MIX-TF004
Entries 1499925
TOF MULT
TOF tray

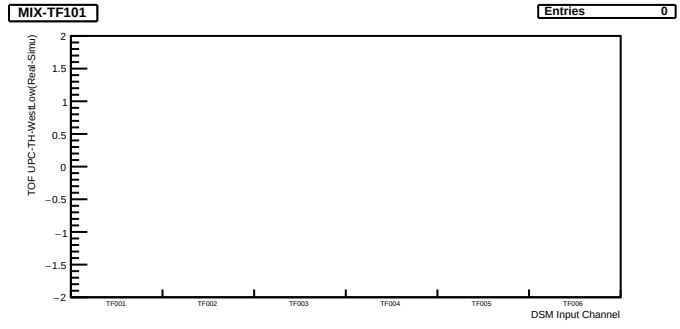

MIX-TF005
Entries 1499925
TOF MULT
TOF tray

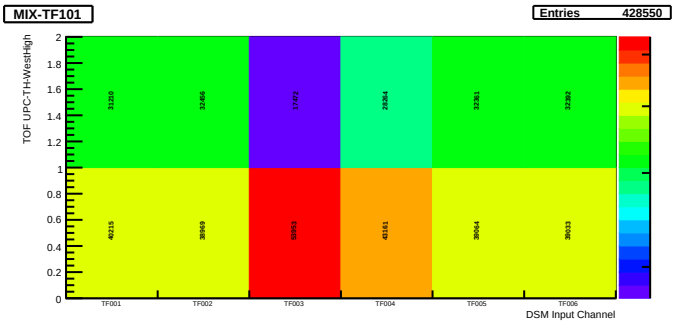

MIX-TF006
Entries 1499925
TOF MULT
TOF tray

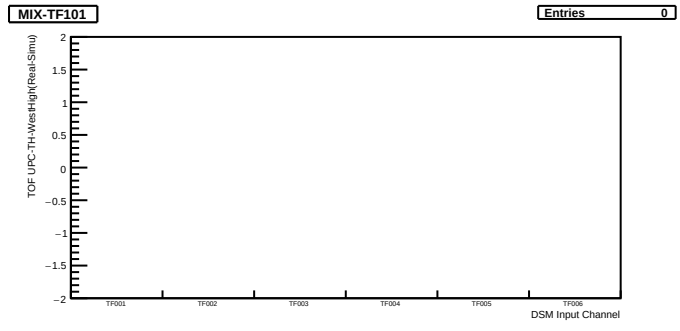

MIX-TF101
Entries 428550
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

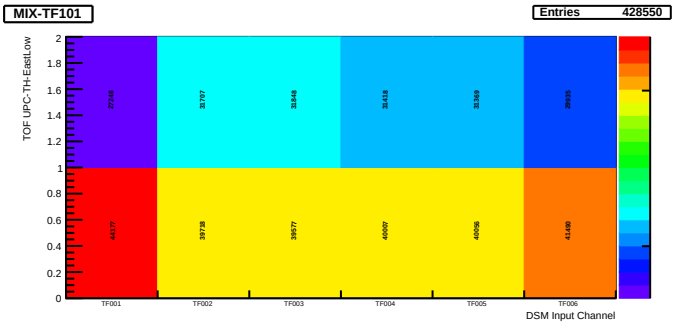

MIX-TF101
Entries 57449
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

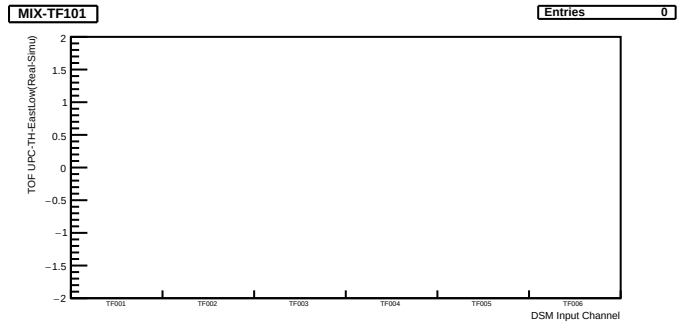

MIX-TF101
Entries 428550
TOF UPC-TH-WestLow
32423
32356
28521
32407
31410
31196
38802
38870
42904
38818
40915
40940
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

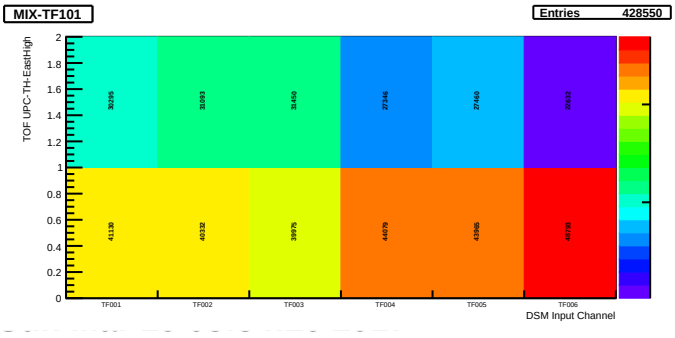

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

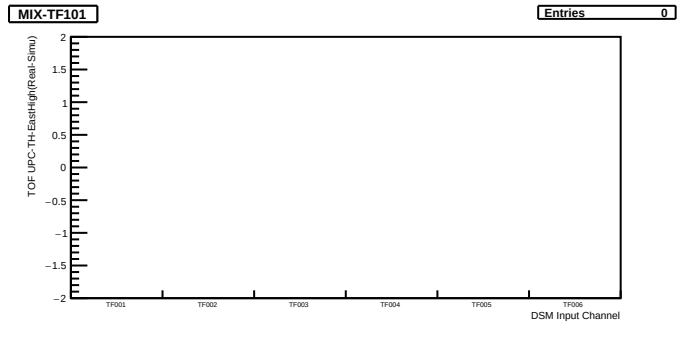

MIX-TF101
Entries 428550
TOF UPC-TH-WestHigh
31203
32464
17272
28364
32361
32382
40215
38969
38953
41161
38964
38933
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

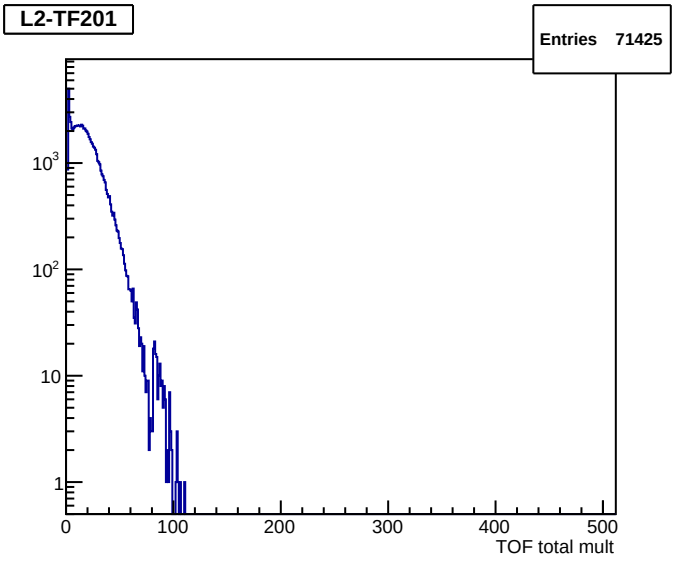

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

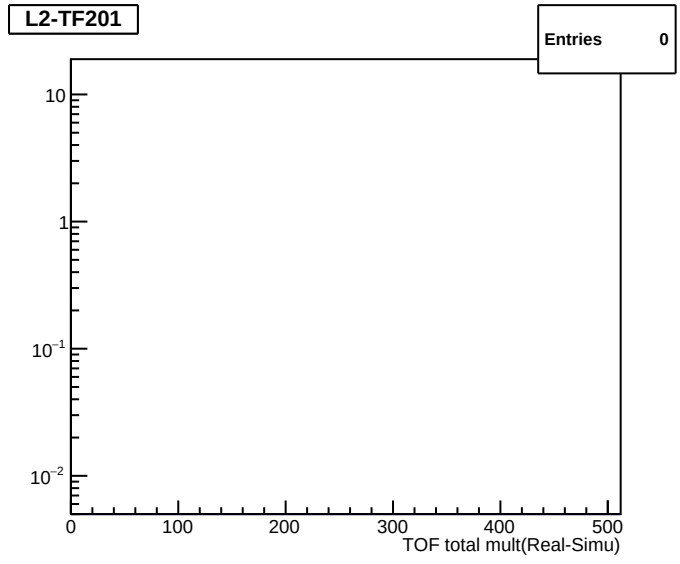

MIX-TF101
Entries 428550
TOF UPC-TH-EastLow
27248
31707
31848
31418
31369
29935
44177
39738
39577
40007
40056
41140
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

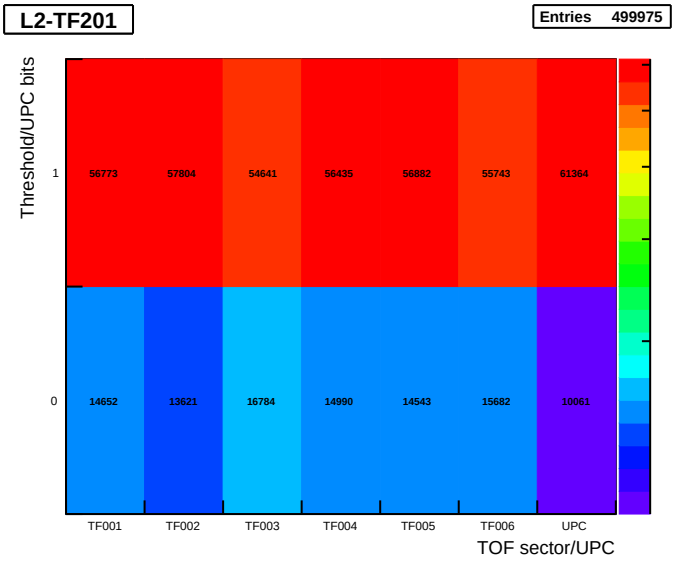

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

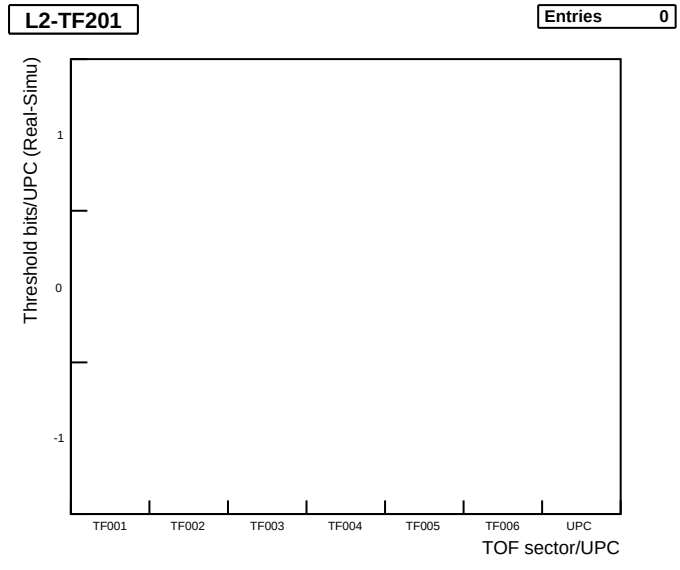

MIX-TF101
Entries 428550
TOF UPC-TH-EastHigh
30295
31693
31459
27346
27449
22532
41130
40332
39975
44079
43985
45730
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

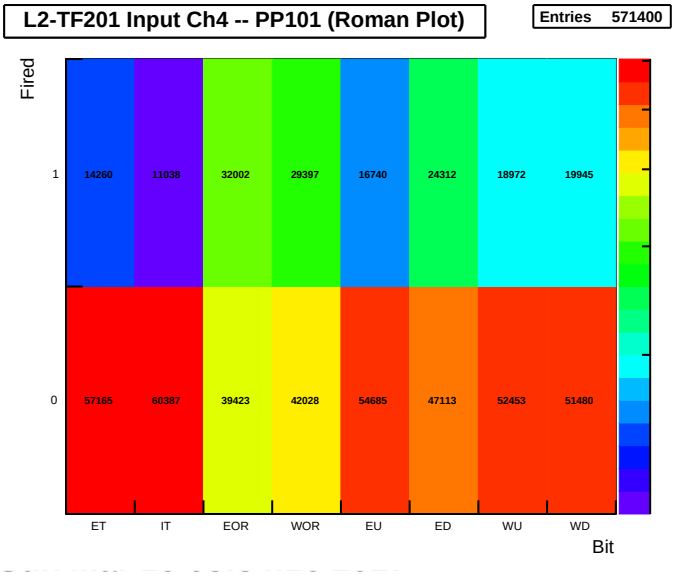

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

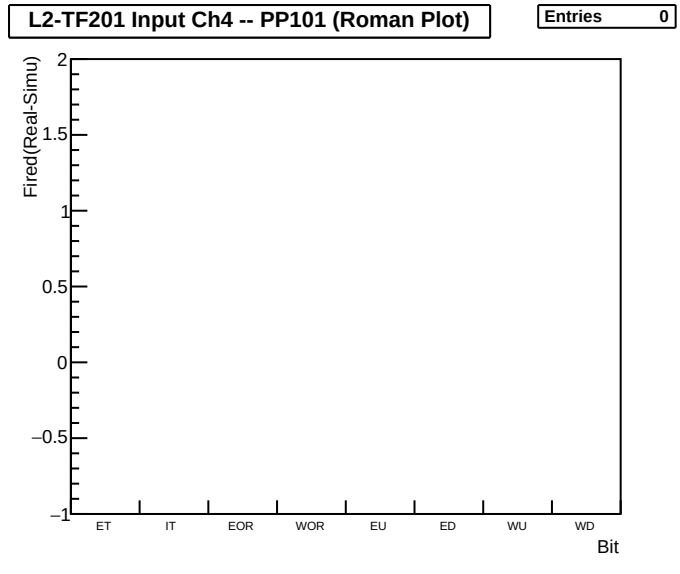

L2-TF201
Entries 71425
TOF total mult

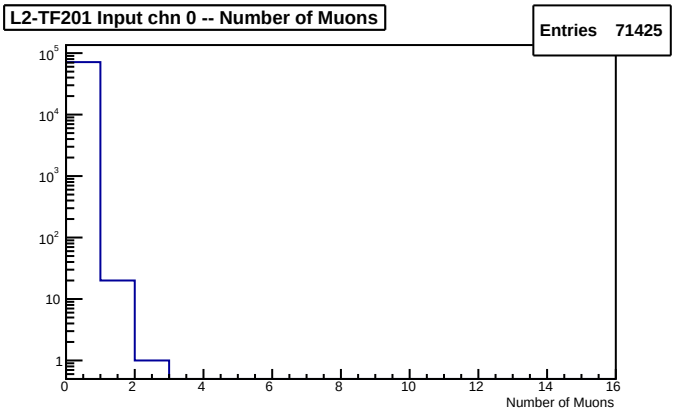

L2-TF201
Entries 0
TOF total mult(Real-Simu)

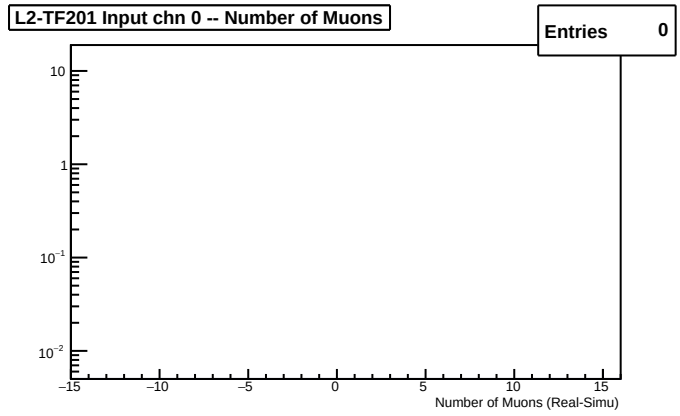

L2-TF201
Entries 499975
Threshold/UPC bits
56773 57804 54641 56435 56882 55743 61364
14652 13621 16784 14990 14543 15682 10061
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

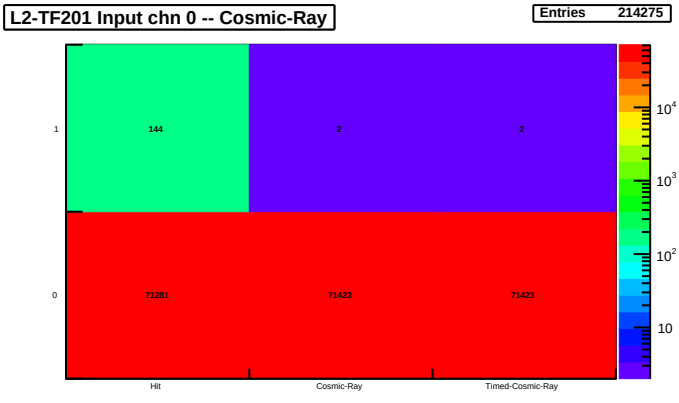

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

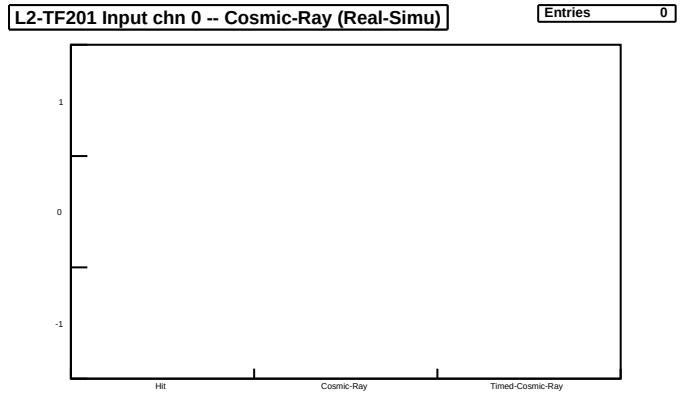

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 571400
Fired
14260 11038 32002 29397 16740 24312 18972 19945
57165 60387 39423 42028 54685 47113 52453 51480
ET IT EOR WOR EU ED WU WD
Bit

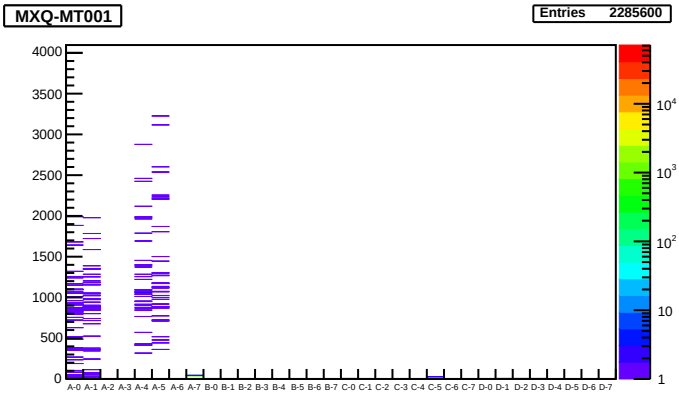

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET IT EOR WOR EU ED WU WD
Bit

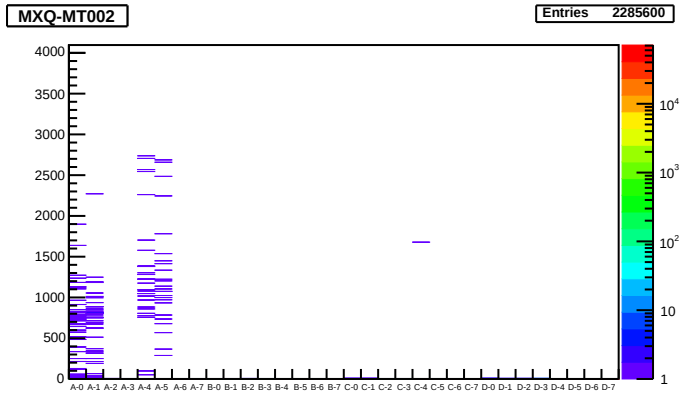

L2-TF201 Input chn 0 -- Number of Muons
Entries 71425
Number of Muons


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


L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 214275
144
2
2
71281
71423
71423
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 2285600
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
10^4
10^3
10^2
10
1


MXQ-MT002
Entries 2285600
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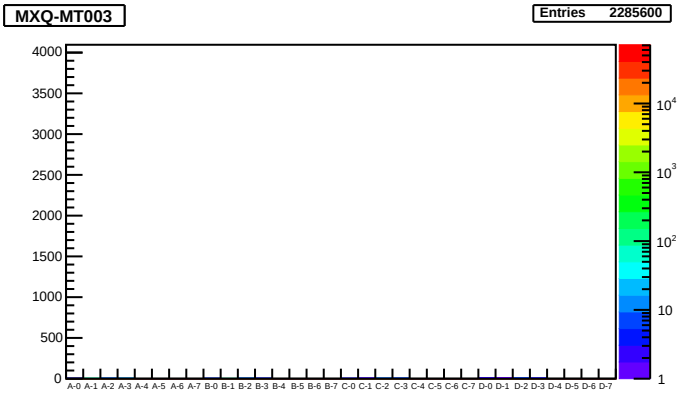
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^4
10^3
10^2
10
1


MXQ-MT003
Entries 2285600
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3500
3000
2500
2000
1500
1000
500
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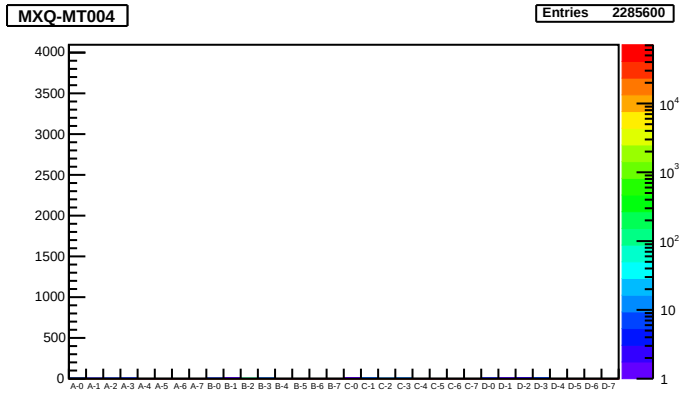
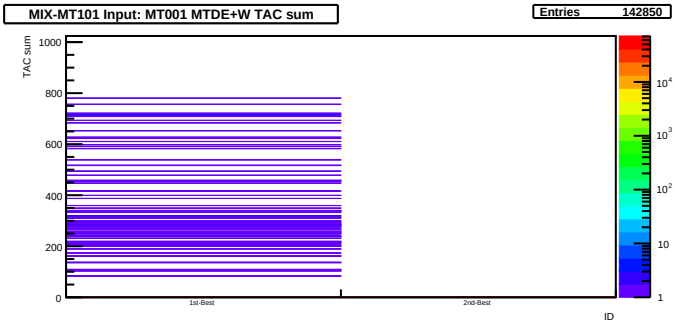
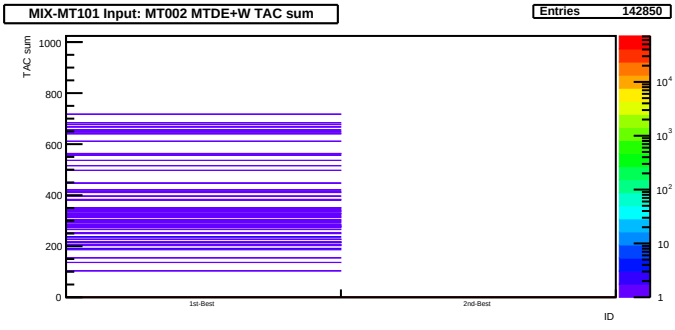
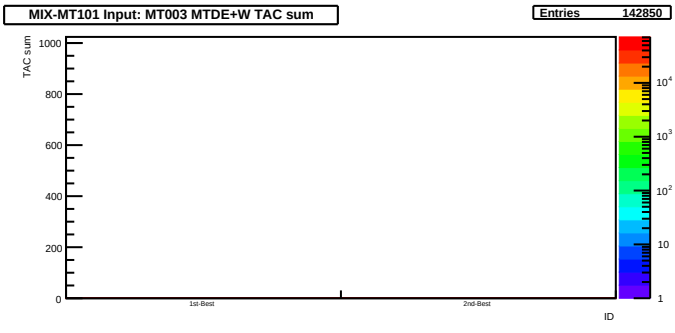
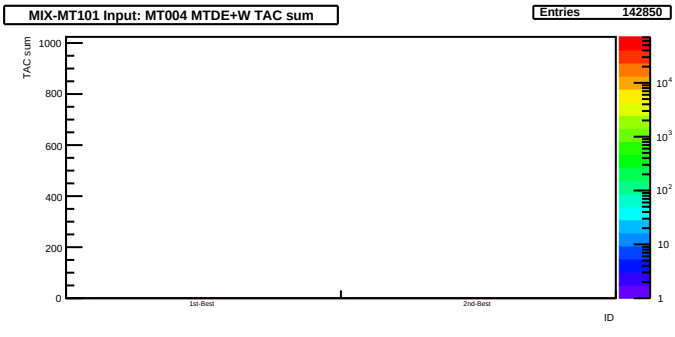
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^4
10^3
10^2
10
1

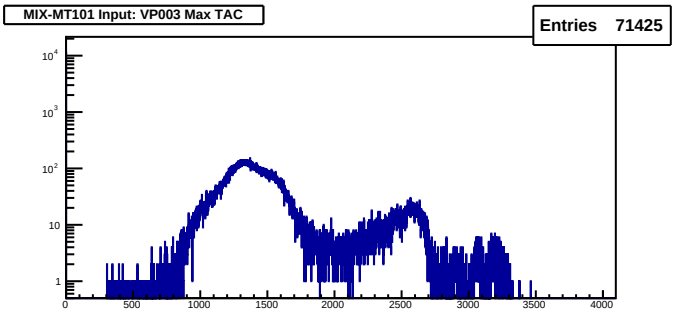

MXQ-MT004
Entries 2285600
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^4
10^3
10^2
10
1

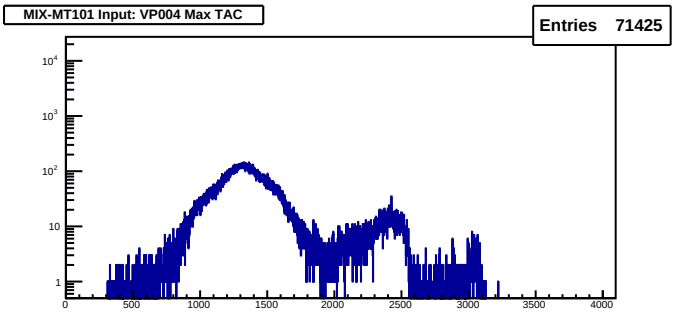

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 142850
TAC sum
1st-Best
2nd-Best
ID

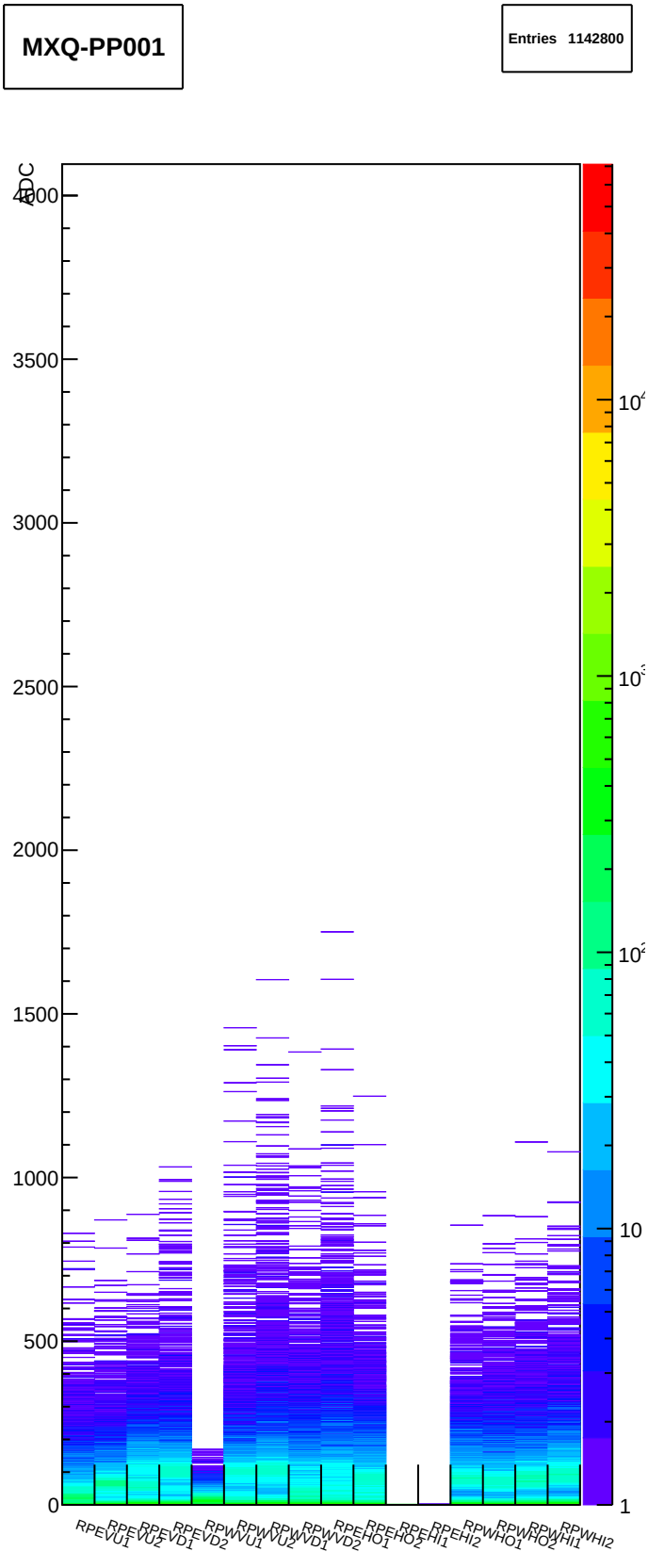

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 142850
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 142850
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 142850
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: VP003 Max TAC
Entries 71425


MIX-MT101 Input: VP004 Max TAC
Entries 71425


MXQ-PP001
Entries 1142800
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
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RPEHO2
RPEHI1
RPEHI2
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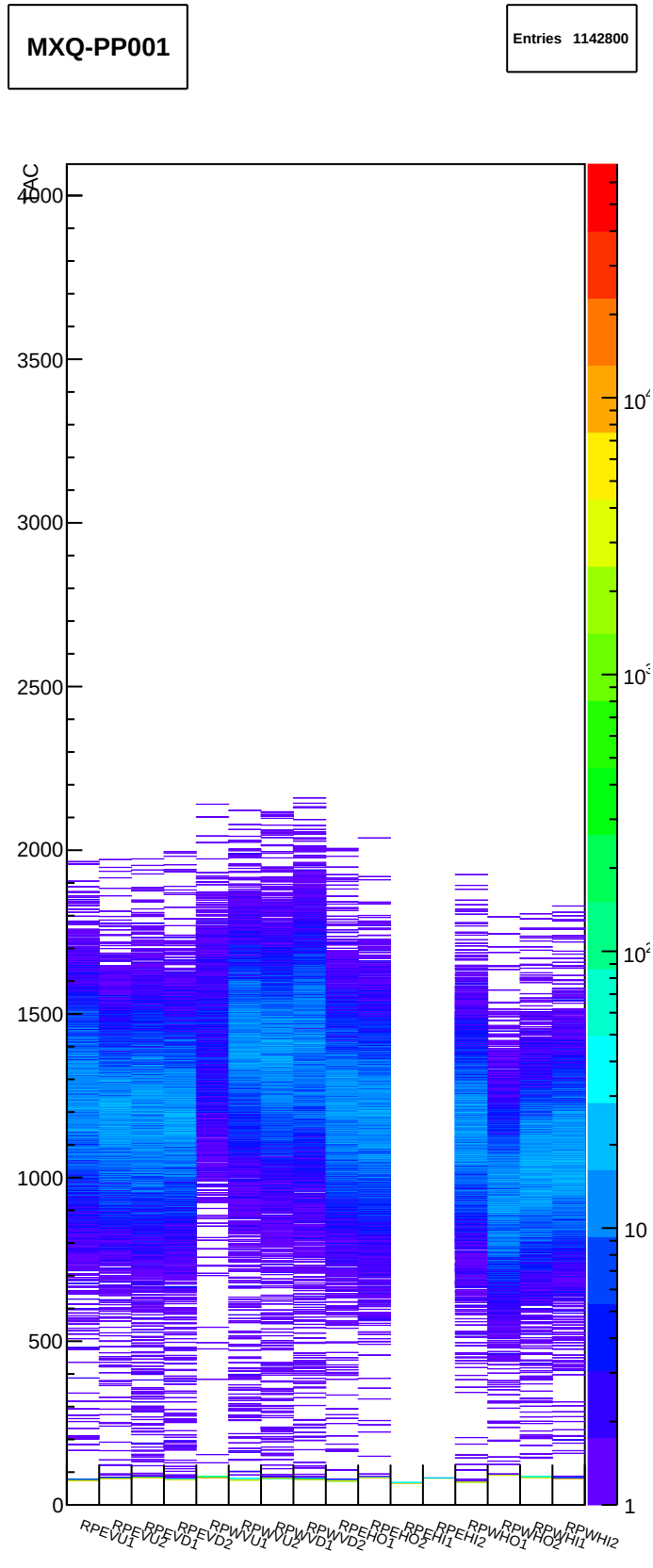
RPWHO2
RPWHI1
RPWHI2
10
1


MXQ-PP001
Entries 1142800
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
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RPEHO2
RPEHI1
RPEHI2
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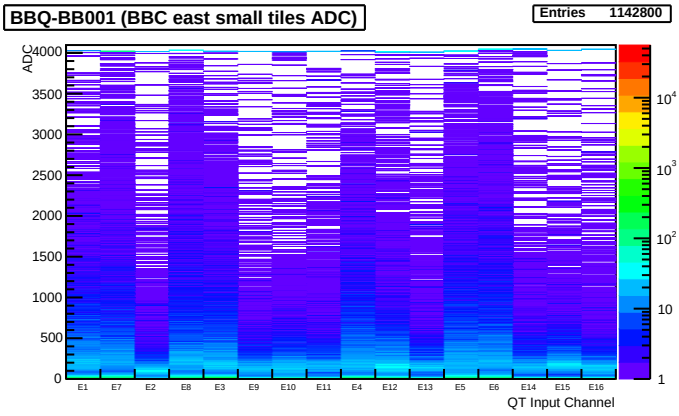
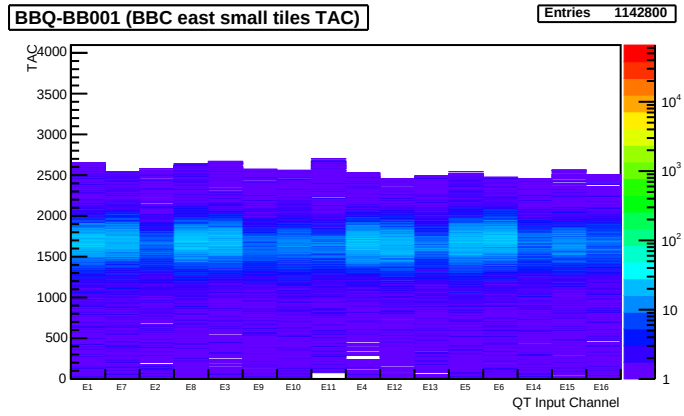
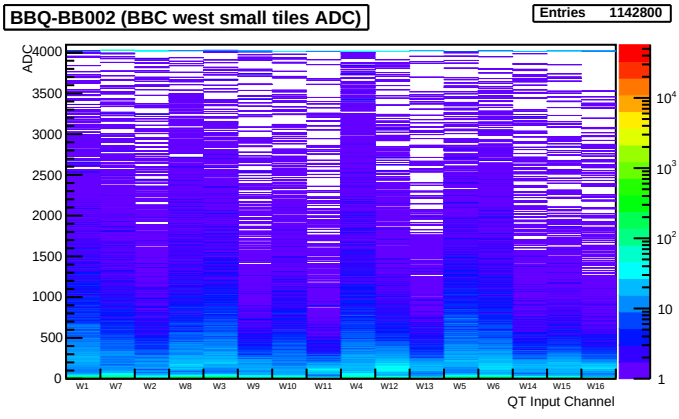
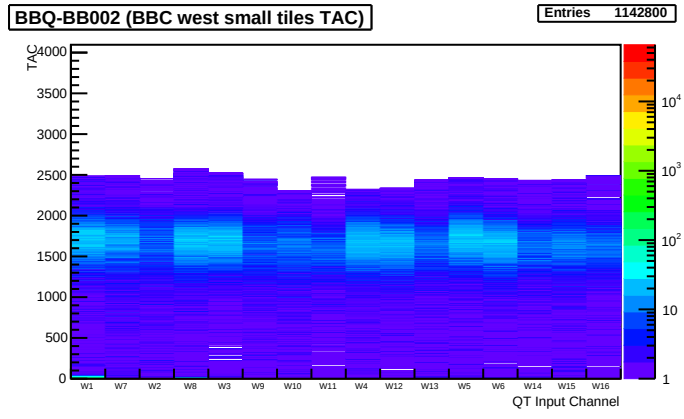
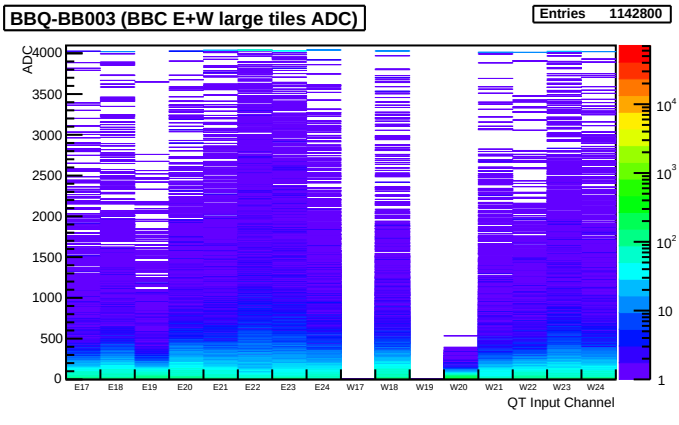
RPWHO2
RPWHI1
RPWHI2
10
1

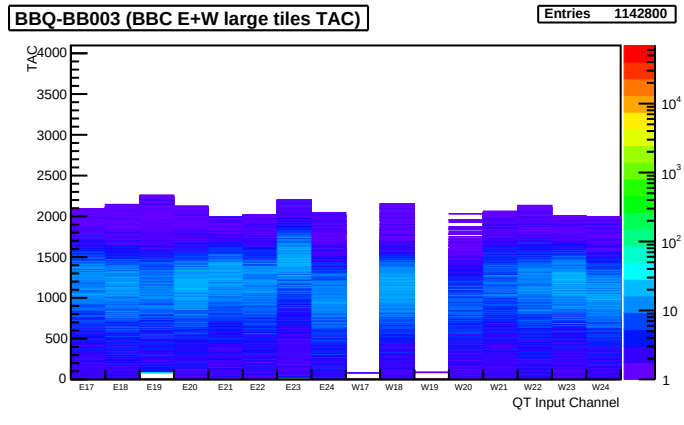

BBQ-BB001 (BBC east small tiles ADC)
Entries 1142800
ADC
QT Input Channel

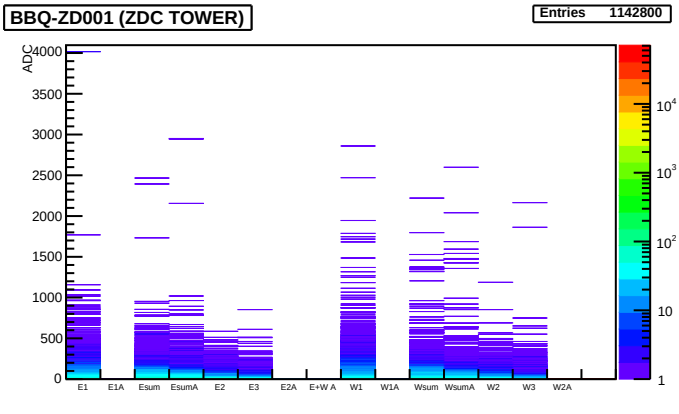

BBQ-BB001 (BBC east small tiles TAC)
Entries 1142800
TAC
QT Input Channel

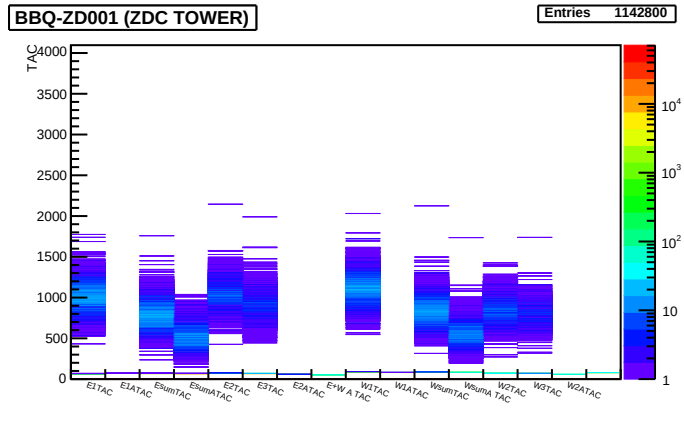

BBQ-BB002 (BBC west small tiles ADC)
Entries 1142800
ADC
QT Input Channel

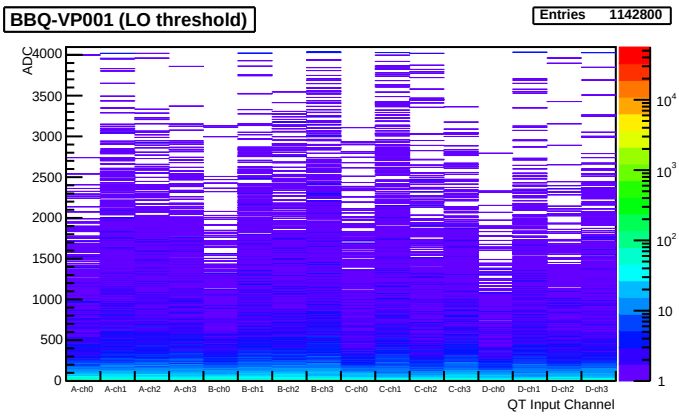

BBQ-BB002 (BBC west small tiles TAC)
Entries 1142800
TAC
QT Input Channel

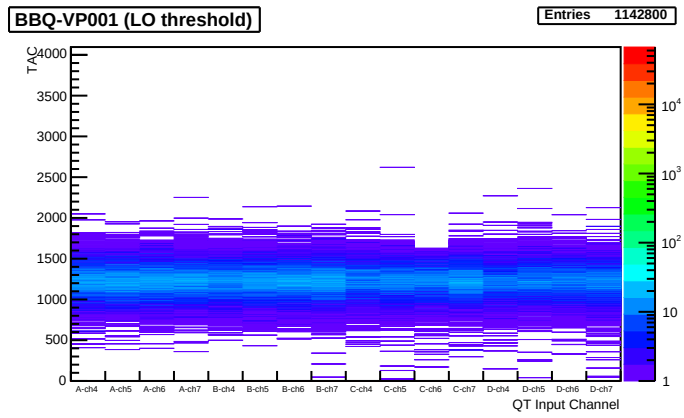

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1142800
ADC
QT Input Channel

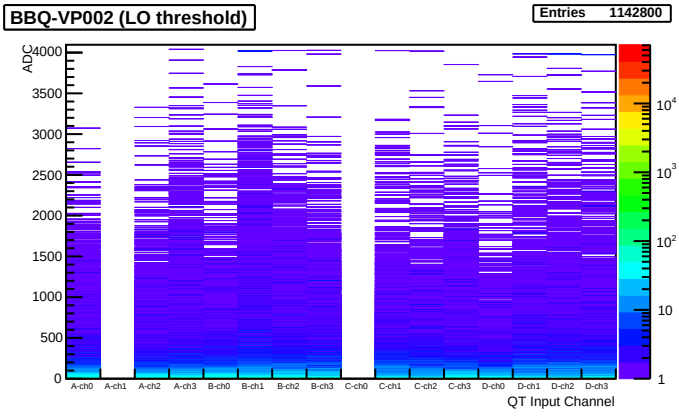

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1142800
TAC
QT Input Channel

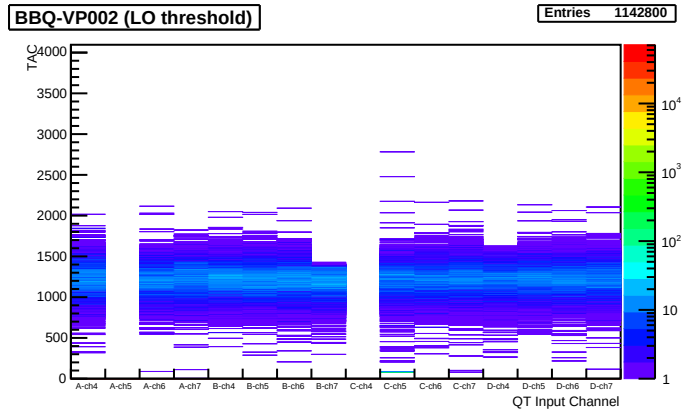

BBQ-ZD001 (ZDC TOWER)
Entries 1142800
ADC

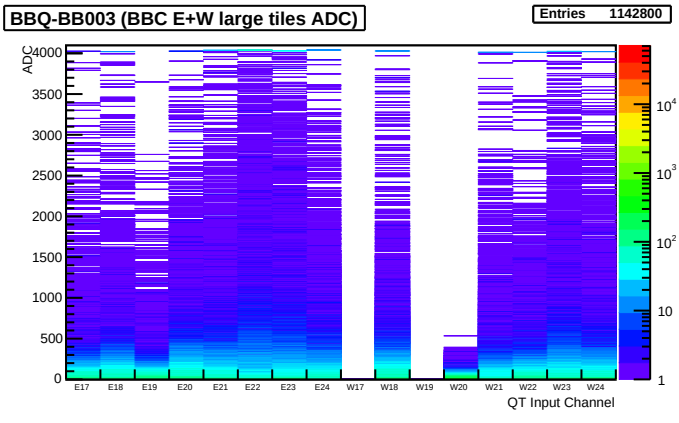

BBQ-ZD001 (ZDC TOWER)
Entries 1142800
TAC

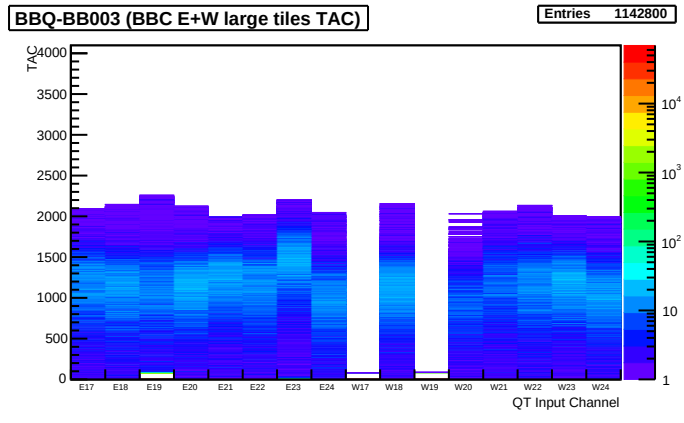

BBQ-VP001 (LO threshold)
Entries 1142800
ADC
QT Input Channel

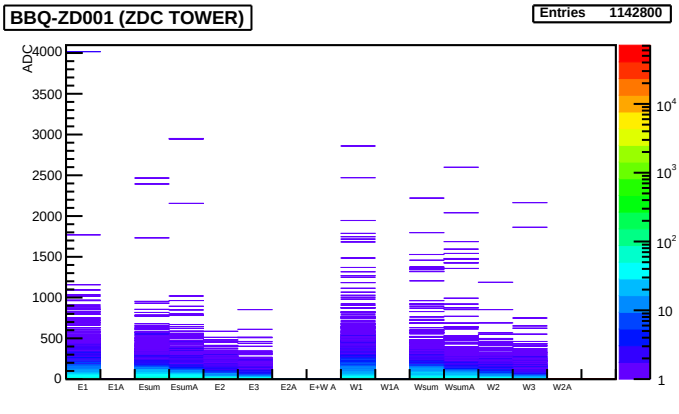

BBQ-VP001 (LO threshold)
Entries 1142800
TAC
QT Input Channel

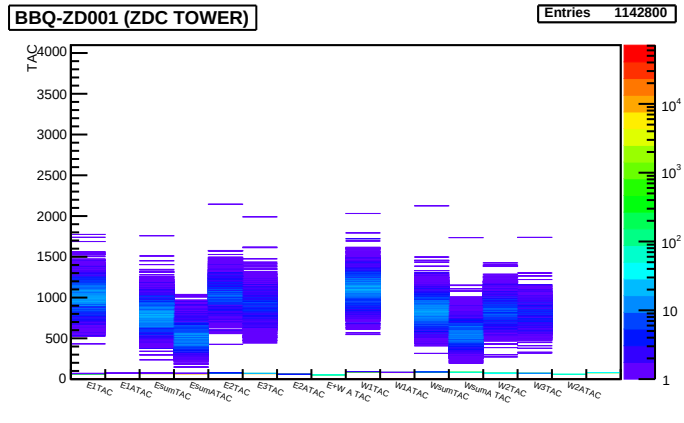

BBQ-VP002 (LO threshold)
Entries 1142800
ADC
QT Input Channel

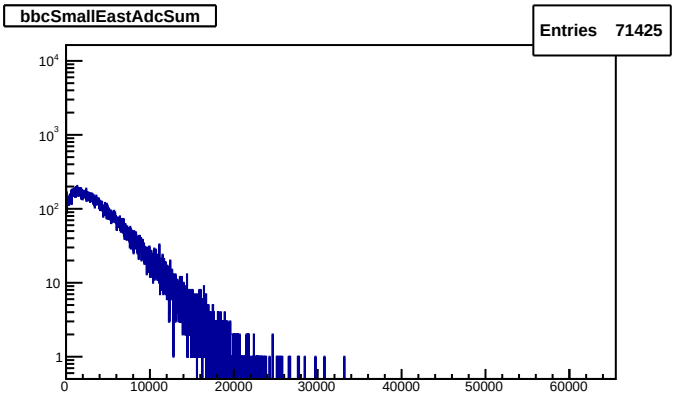

BBQ-VP002 (LO threshold)
Entries 1142800
TAC
QT Input Channel

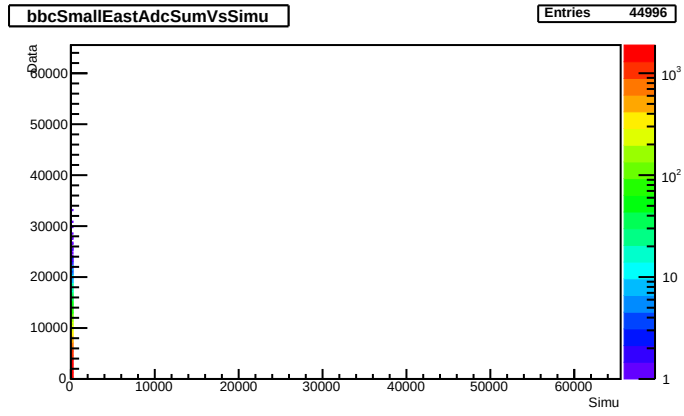

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1142800
ADC
QT Input Channel

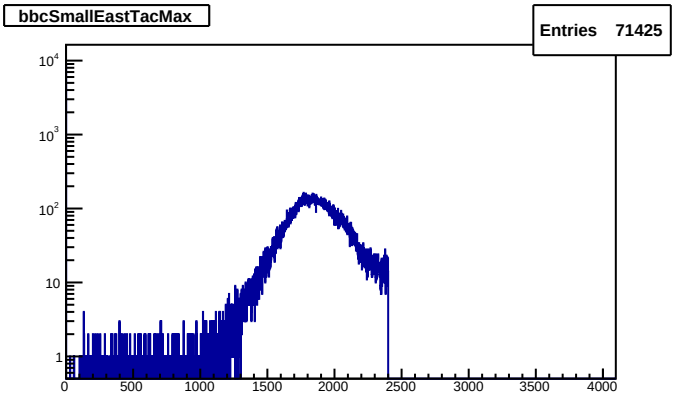

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1142800
TAC
QT Input Channel

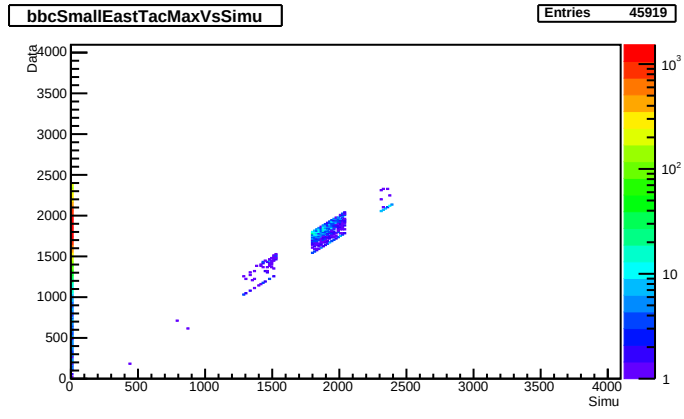

BBQ-ZD001 (ZDC TOWER)
Entries 1142800
ADC

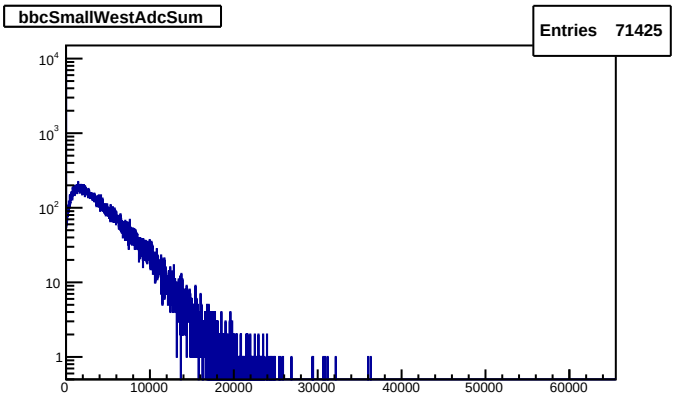

BBQ-ZD001 (ZDC TOWER)
Entries 1142800
TAC

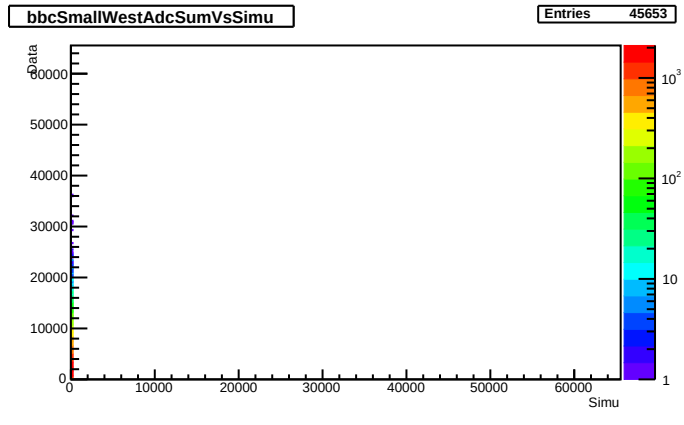

bbcSmallEastAdcSum
Entries 71425

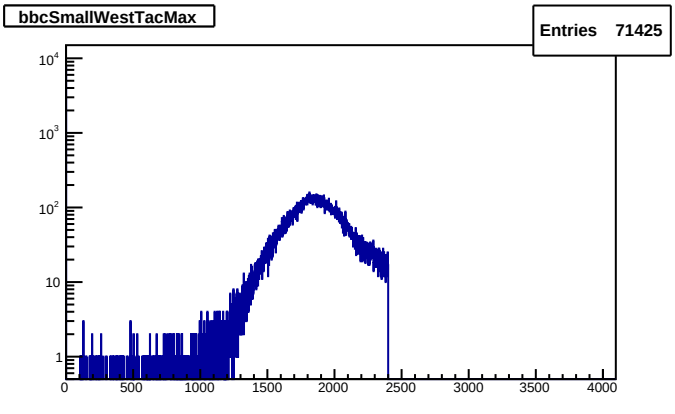

bbcSmallEastAdcSumVsSimu
Entries 44996
Data
Simu

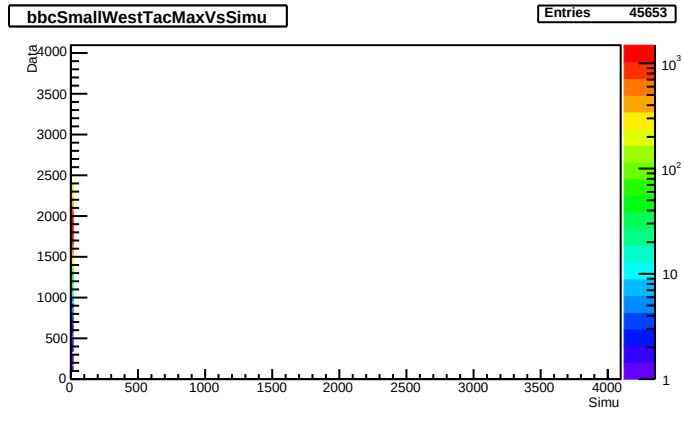

bbcSmallEastTacMax
Entries 71425

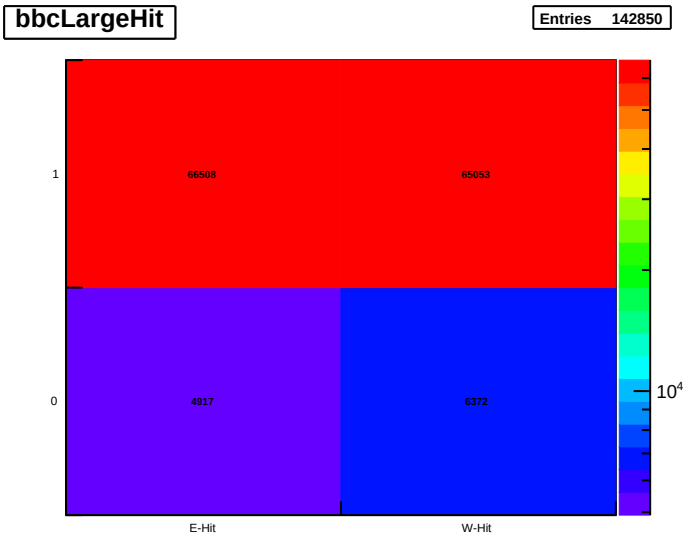

bbcSmallEastTacMaxVsSimu
Entries 45919
Data
Simu

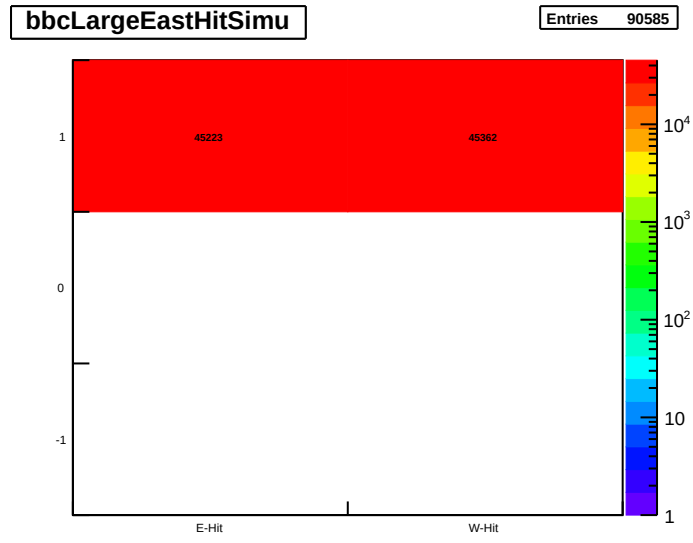

bbcSmallWestAdcSum
Entries 71425

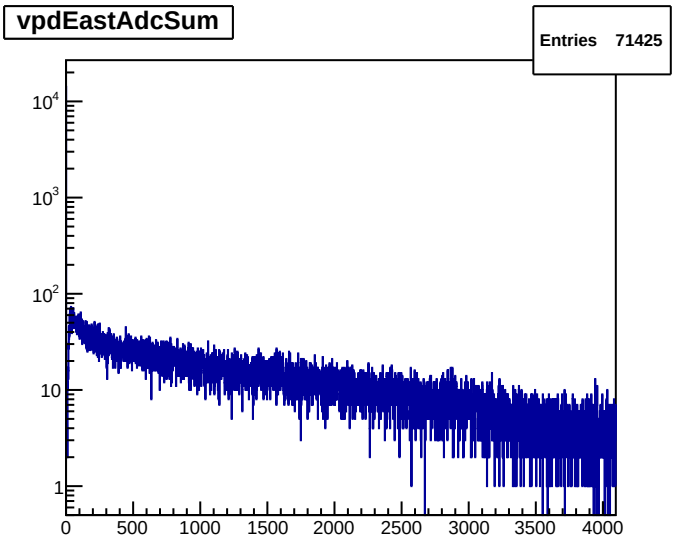

bbcSmallWestAdcSumVsSimu
Entries 45653
Data
Simu

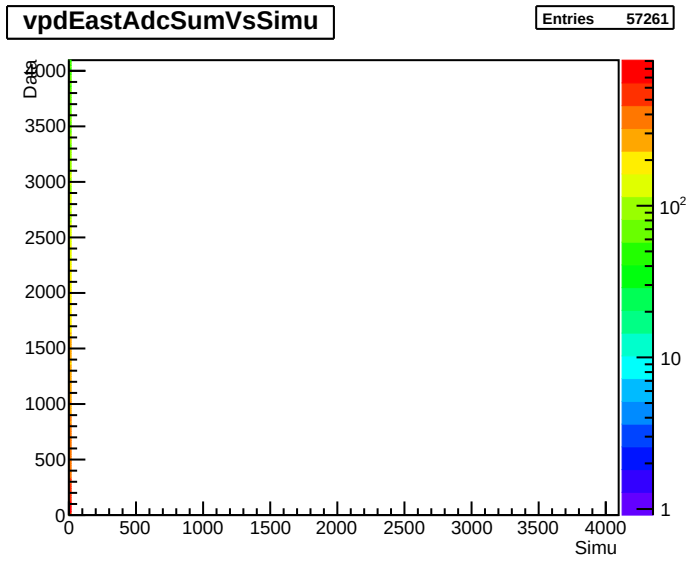

bbcSmallWestTacMax
Entries 71425

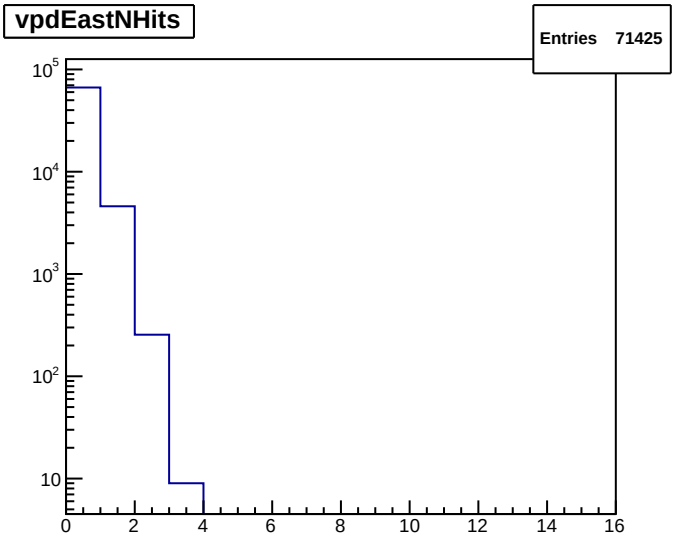

bbcSmallWestTacMaxVsSimu
Entries 45653
Data
Simu

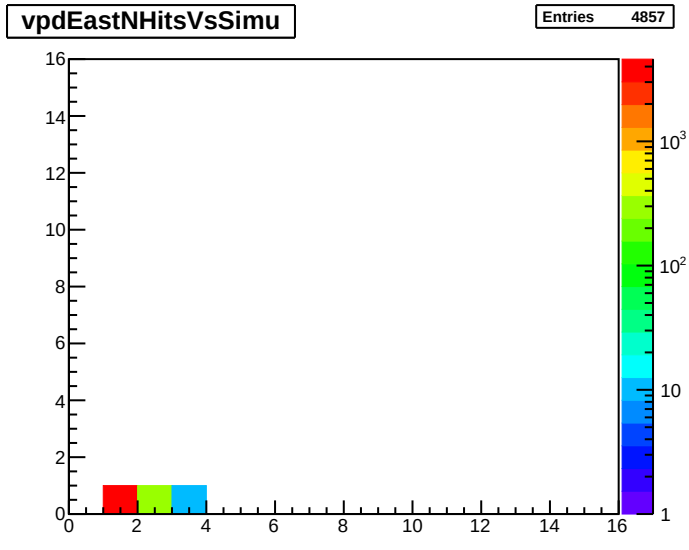

bbcLargeHit
Entries 142850
1
0
66508
65053
4917
6372
E-Hit
W-Hit
10^4

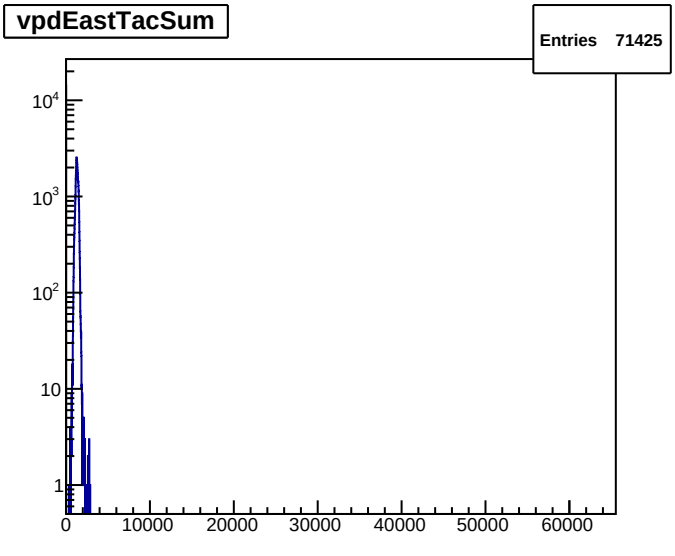

bbcLargeEastHitSimu
Entries 90585
1
0
-1
45223
45362
E-Hit
W-Hit
10^4
10^3
10^2
10
1

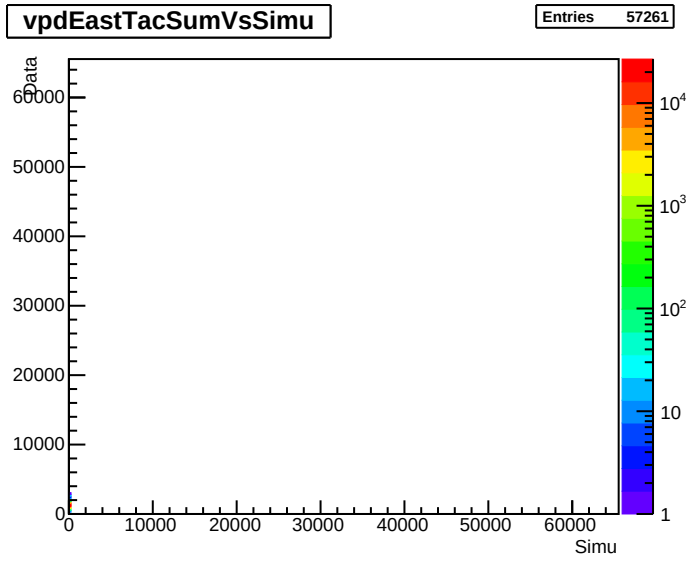

vpdEastAdcSum
Entries 71425

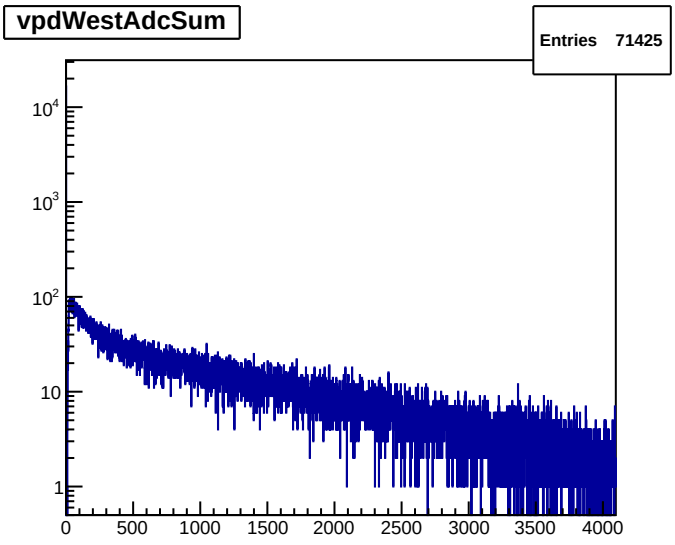

vpdEastAdcSumVsSimu
Entries 57261
Data
Simu

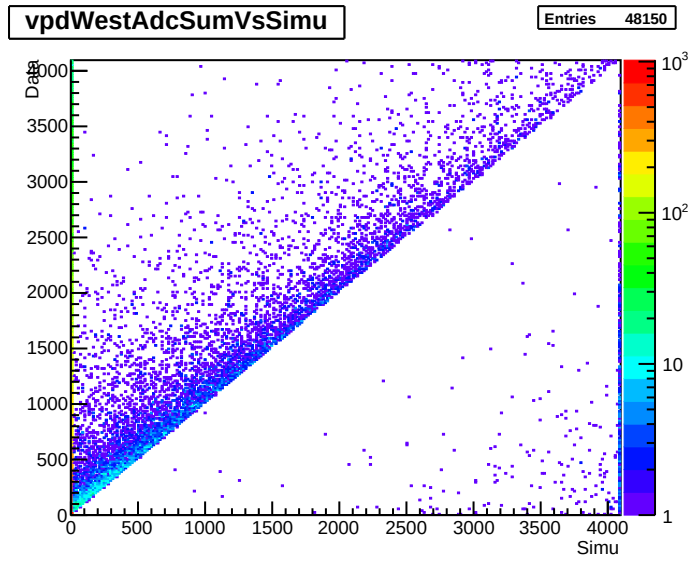

vpdEastNHits
Entries 71425

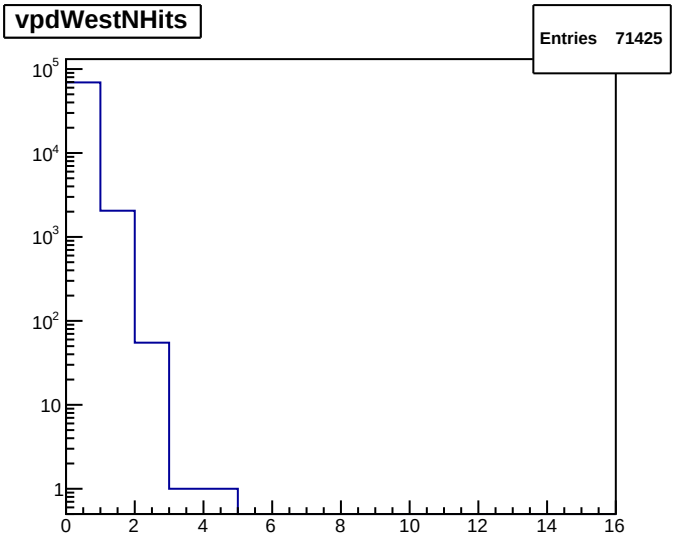

vpdEastNHitsVsSimu
Entries 4857

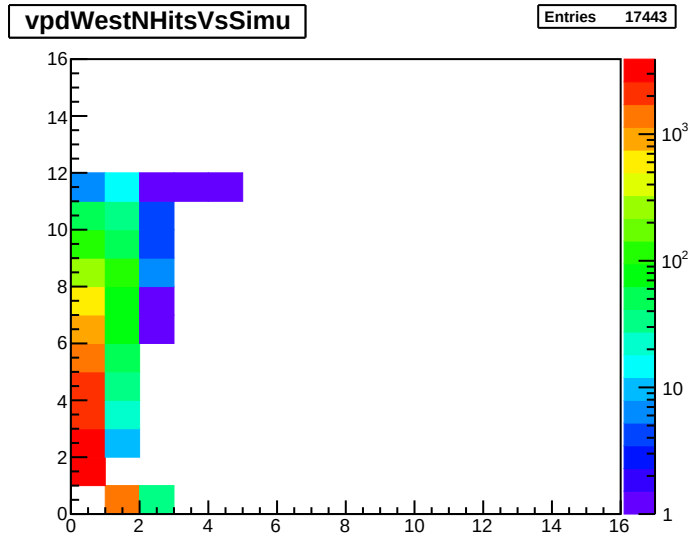

vpdEastTacSum
Entries 71425

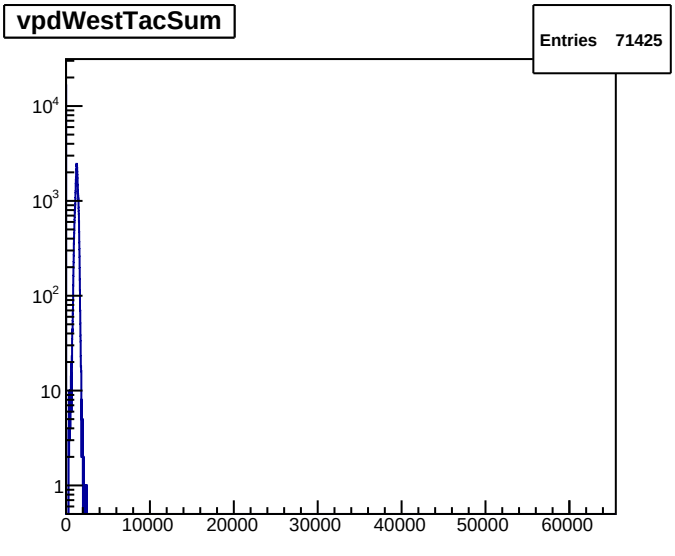

vpdEastTacSumVsSimu
Entries 57261
Data
Simu

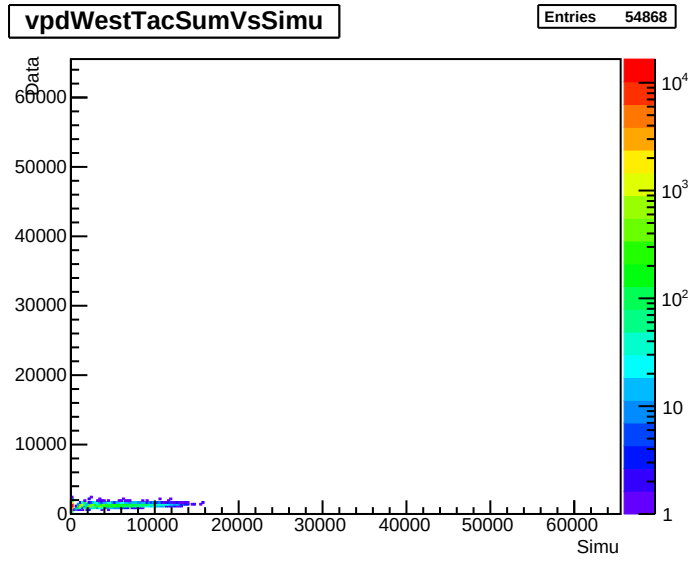

vpdWestAdcSum
Entries 71425

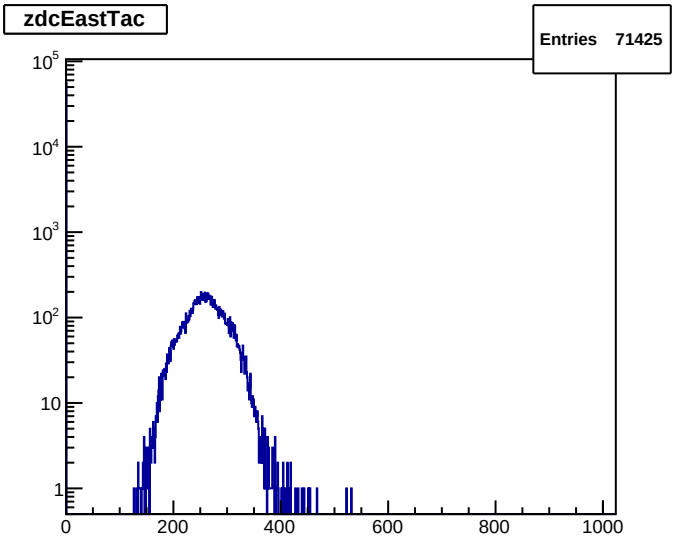

vpdWestAdcSumVsSimu
Entries 48150
Data
Simu

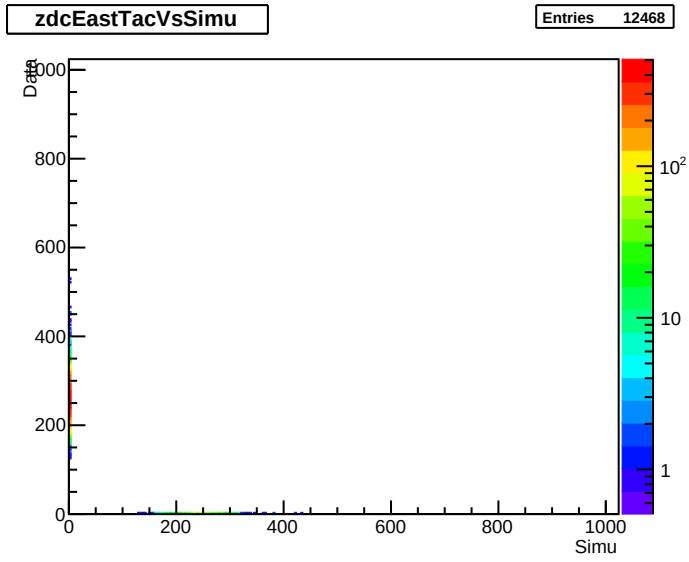

vpdWestNHits
Entries 71425

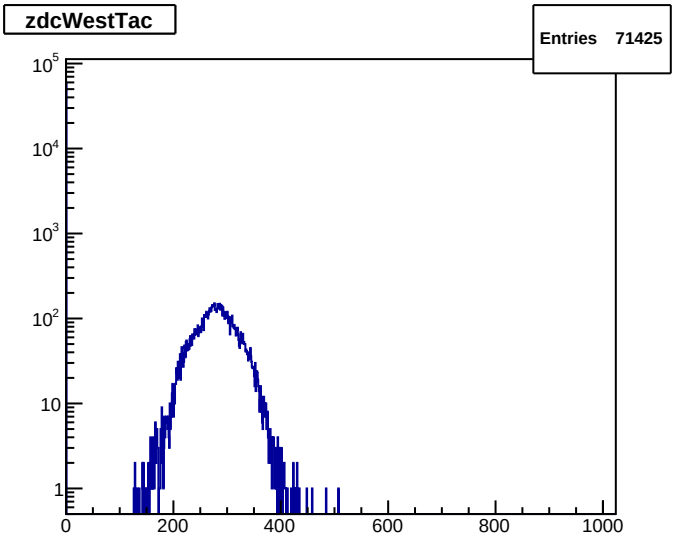

vpdWestNHitsVsSimu
Entries 17443

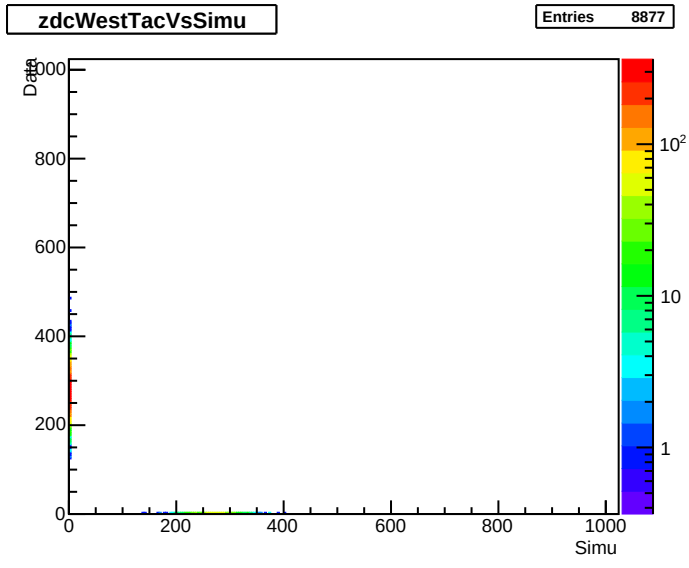

vpdWestTacSum
Entries 71425

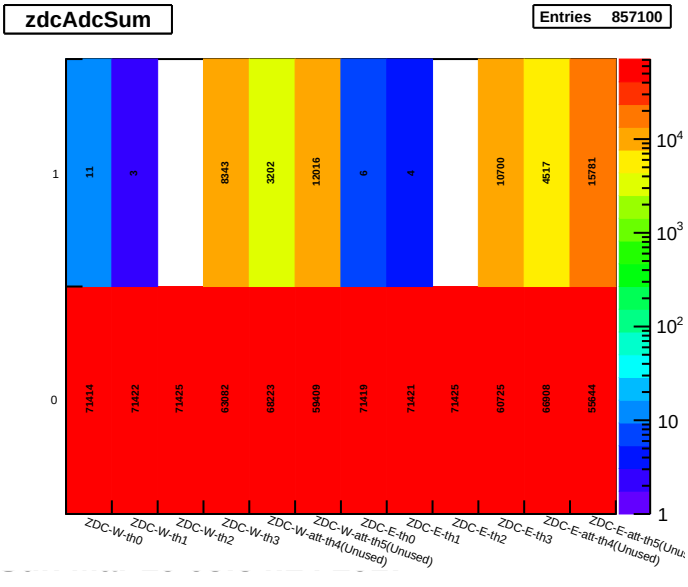

vpdWestTacSumVsSimu
Entries 54868
Data
Simu

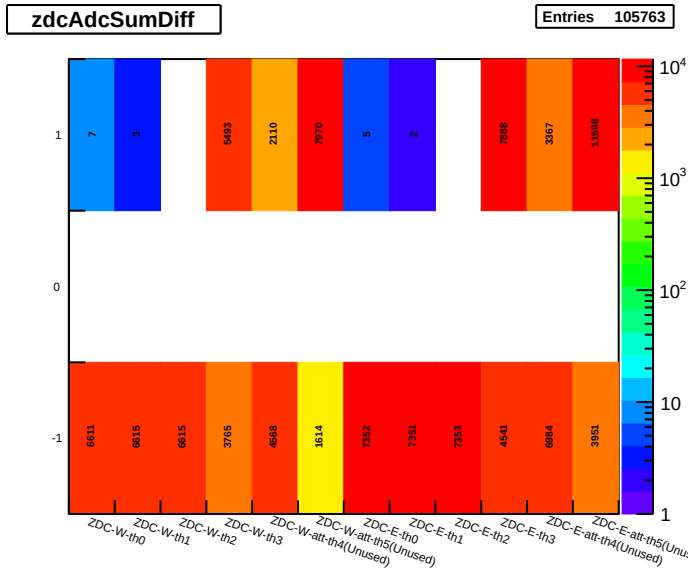

zdcEastTac
Entries 71425

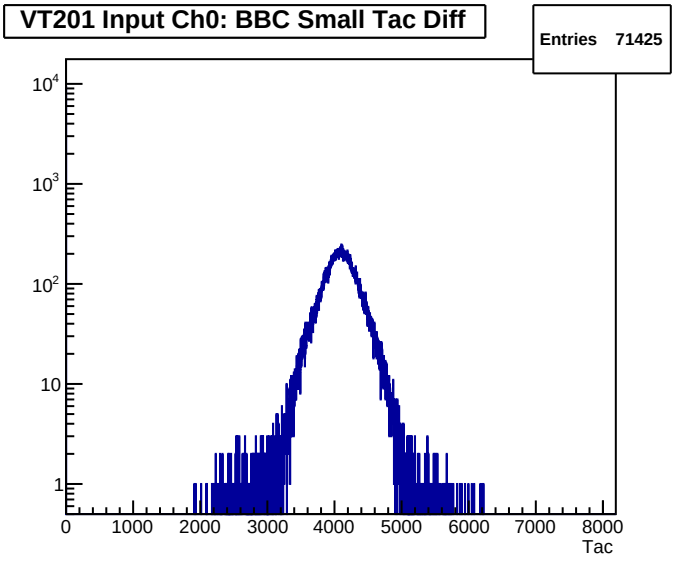

zdcEastTacVsSimu
Entries 12468
Data
Simu

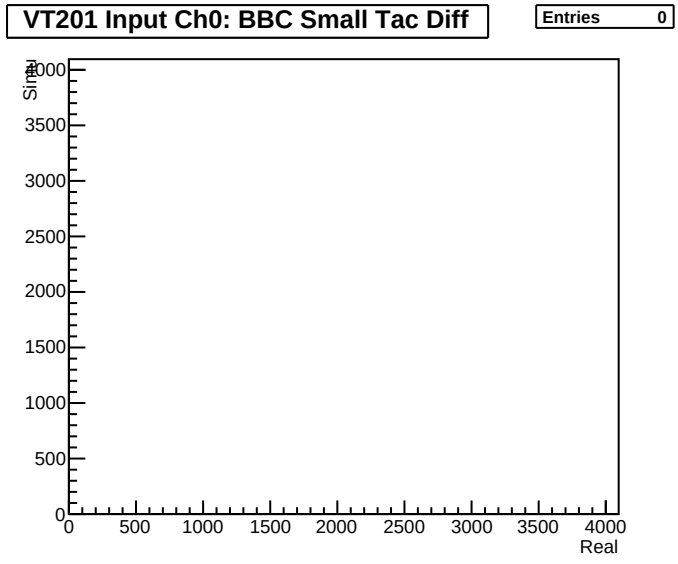

zdcWestTac
Entries 71425

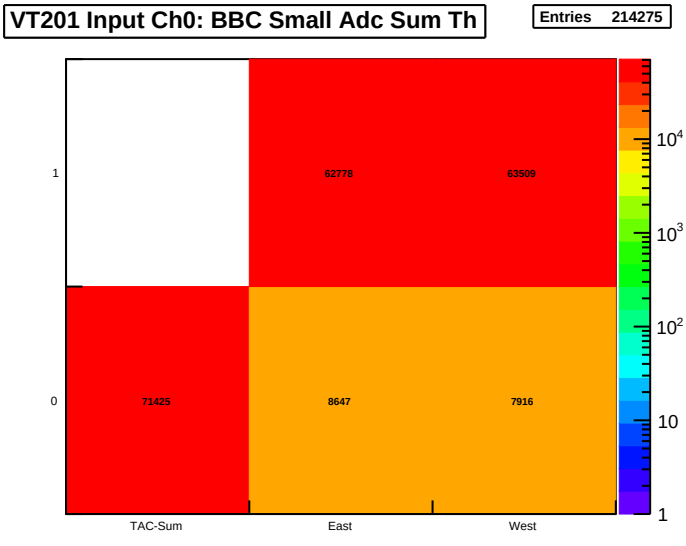

zdcWestTacVsSimu
Entries 8877
Data
Simu

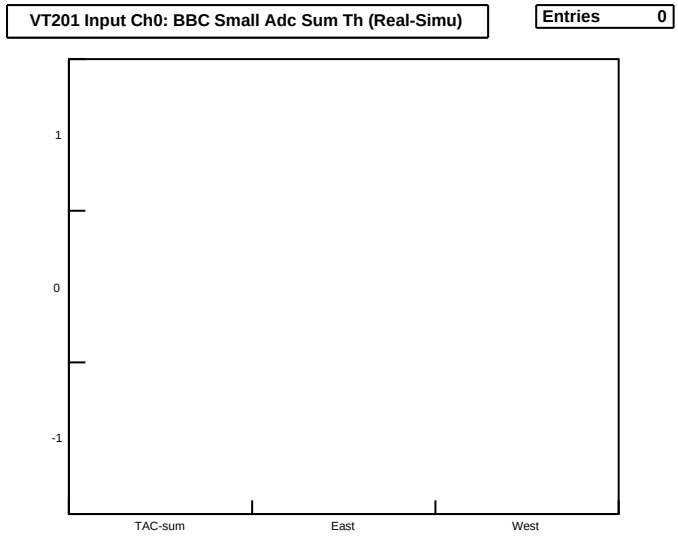

zdcAdcSum
Entries 857100
11
3
8343
3202
12016
6
4
10700
4517
15781
71414
71422
71425
63082
68223
59409
71419
71421
71425
60725
66908
55444
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

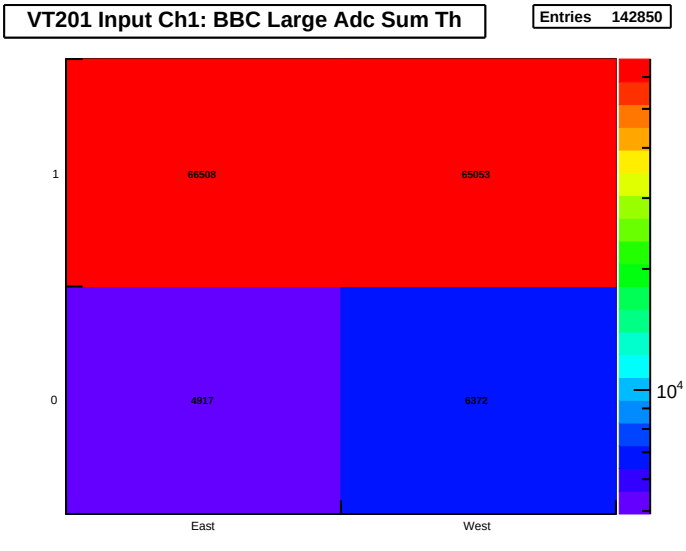

zdcAdcSumDiff
Entries 105763
7
3
5493
2110
7970
5
2
7888
3367
11598
6611
6615
6615
3765
4568
1614
7352
7351
7353
4541
6984
3951
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

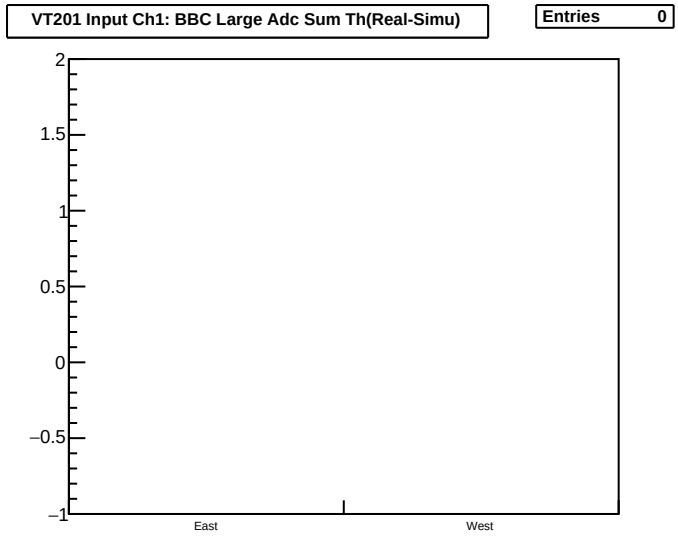

VT201 Input Ch0: BBC Small Tac Diff
Entries 71425
Tac


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

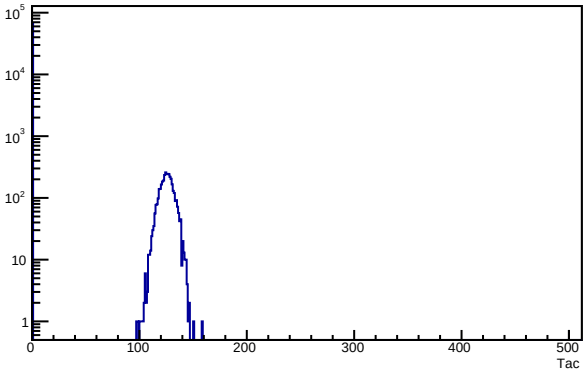

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 214275
62778
63509
71425
8647
7916
TAC-Sum
East
West


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

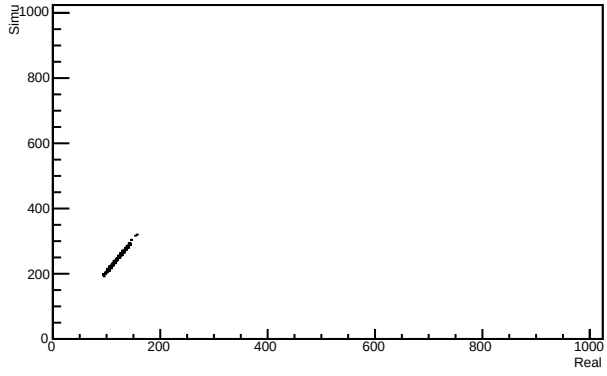

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 142850
66508
65053
4917
6372
East
West


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

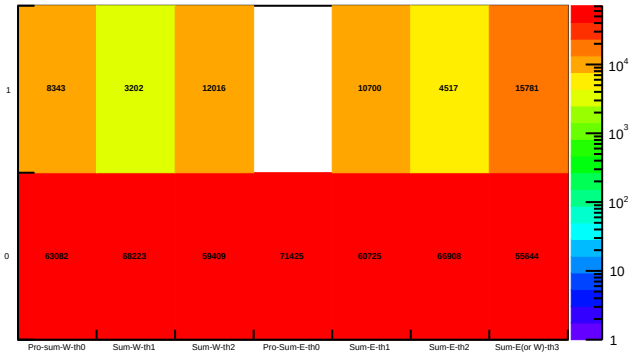
VT201 Input Ch2: ZDC Tac Diff



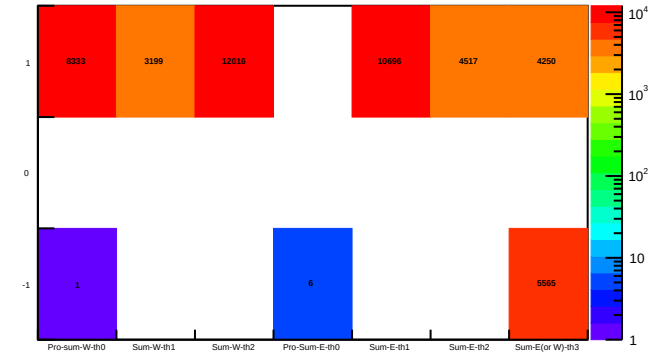
VT201 Input Ch2: ZDC Tac Diff



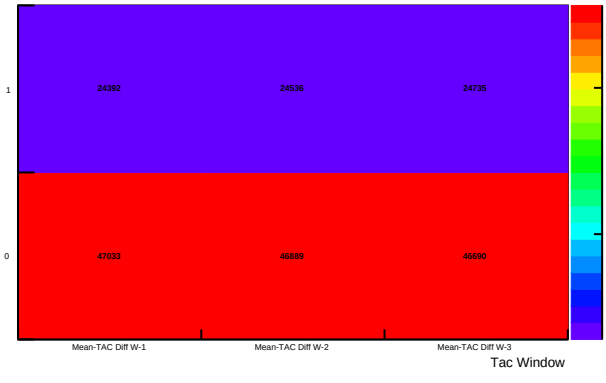
VT201 Input Ch2: ZDC Adc Sum Th



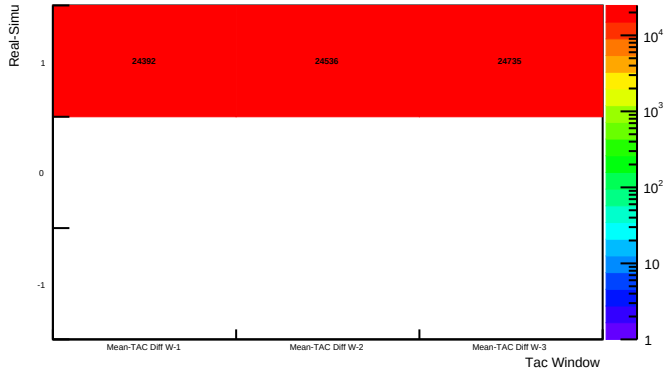
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



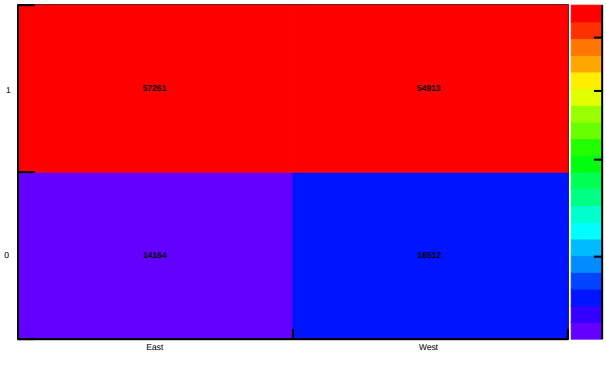
VT201 Input Ch4: VPD Tac Diff



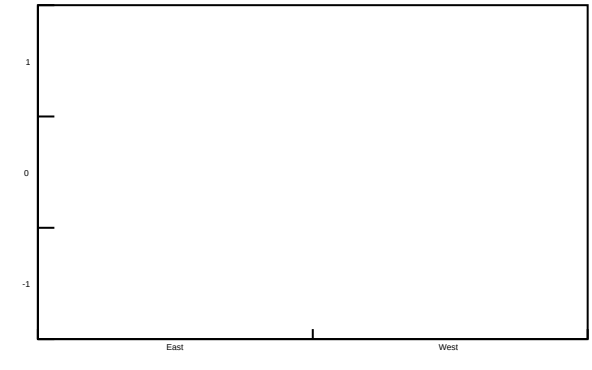
VT201 Input Ch4: VPD Tac Diff

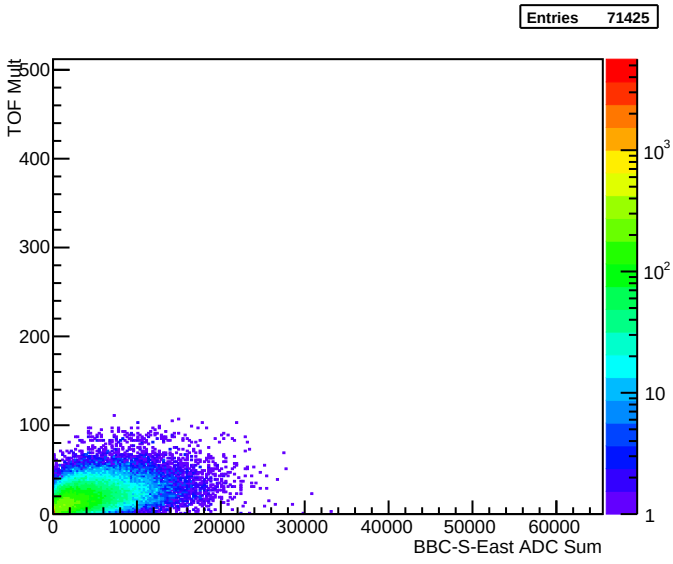


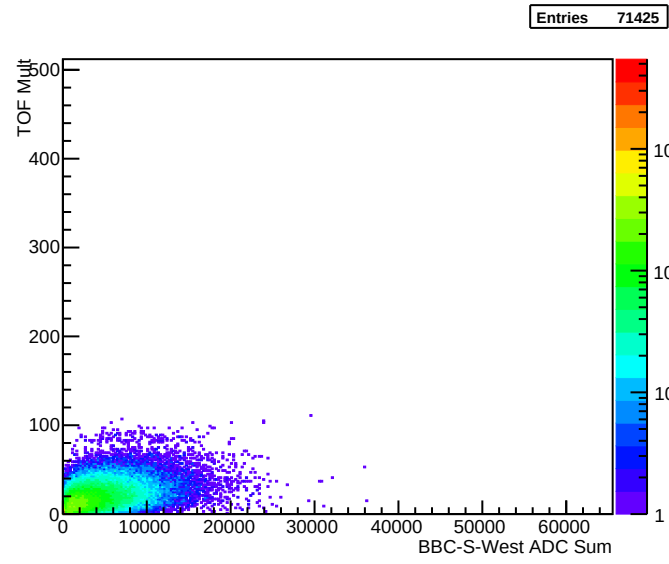
VT201 Input Ch4: VPD Adc Sum Th

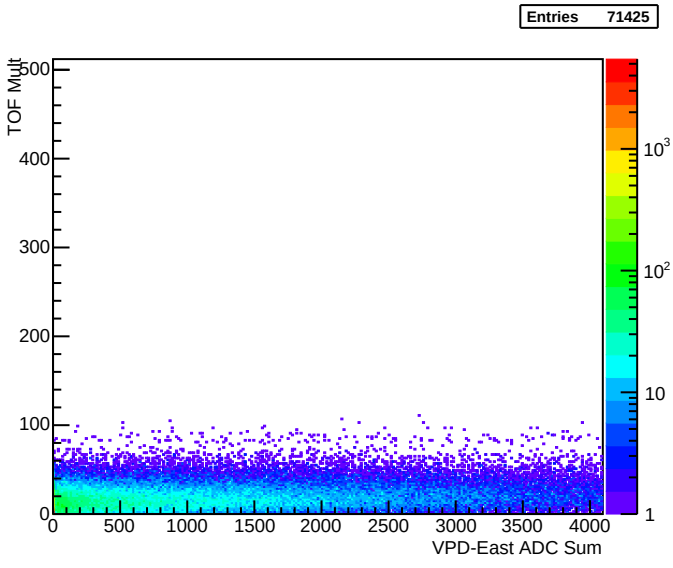


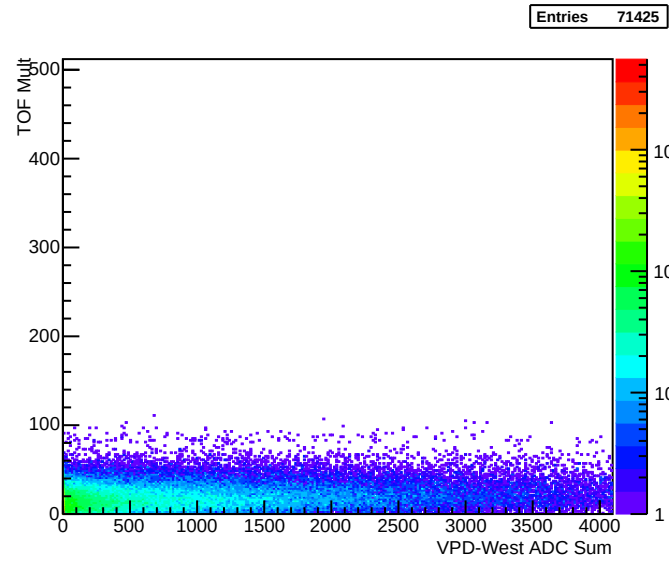
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

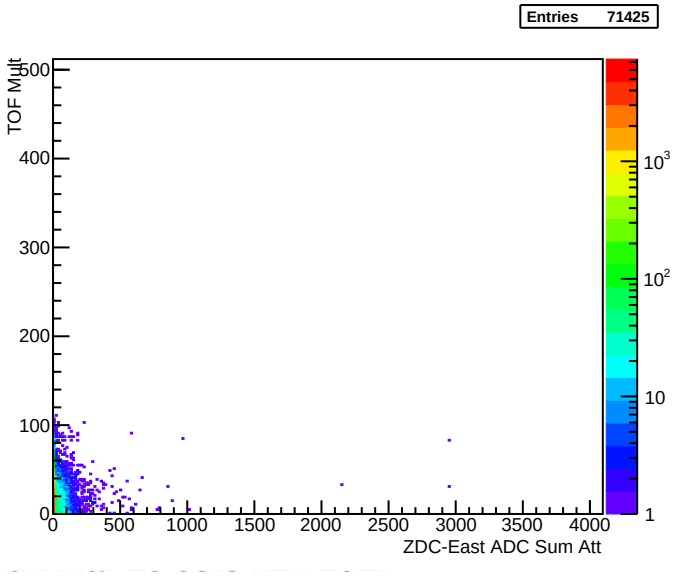


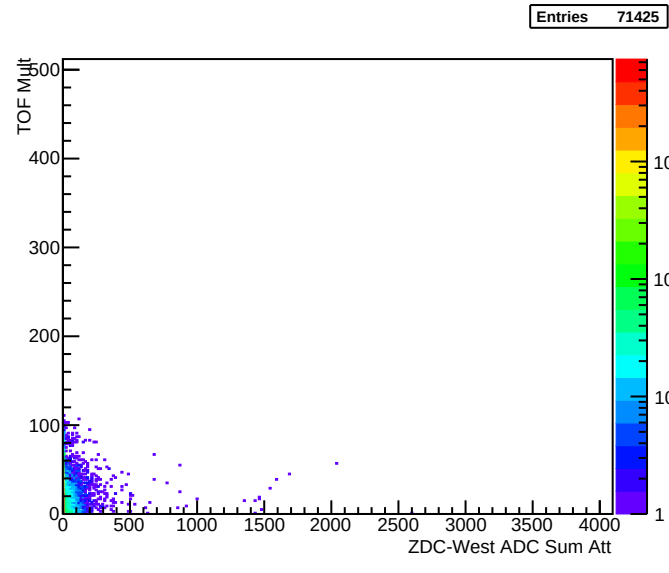

Entries 71425
TOF Mult
BBC-S-East ADC Sum

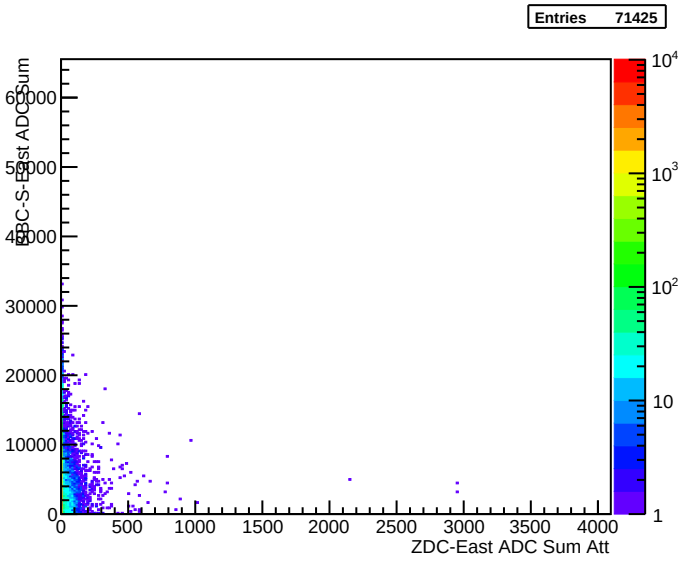

Entries 71425
TOF Mult
BBC-S-West ADC Sum

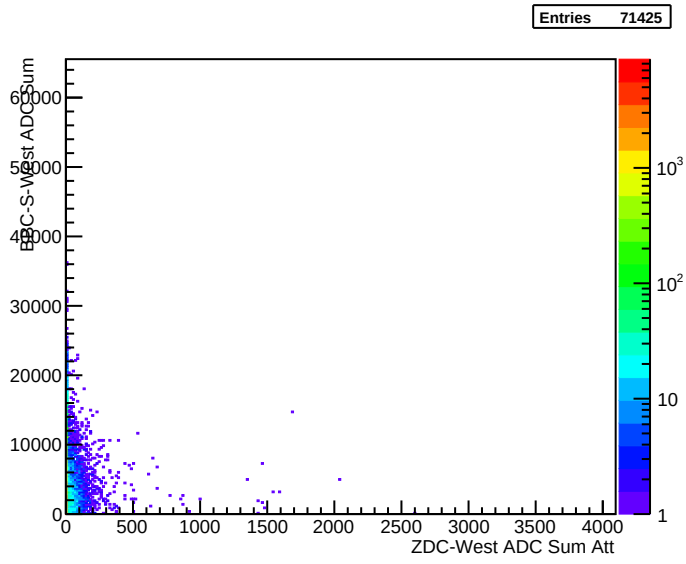

Entries 71425
TOF Mult
VPD-East ADC Sum

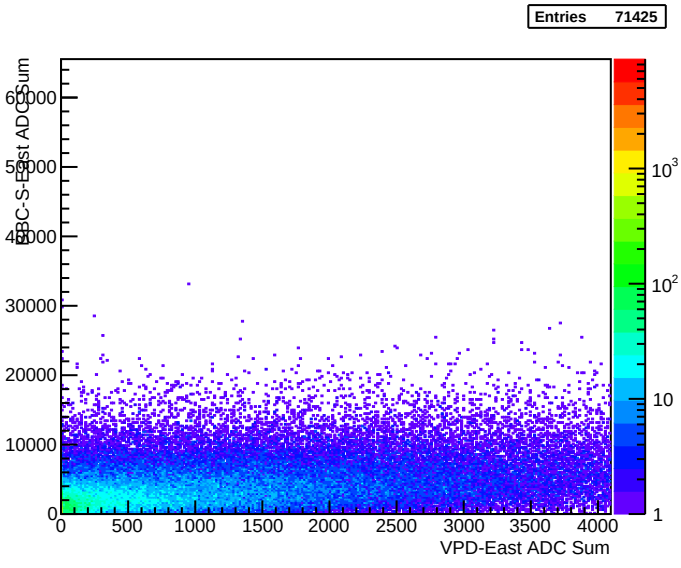

Entries 71425
TOF Mult
VPD-West ADC Sum

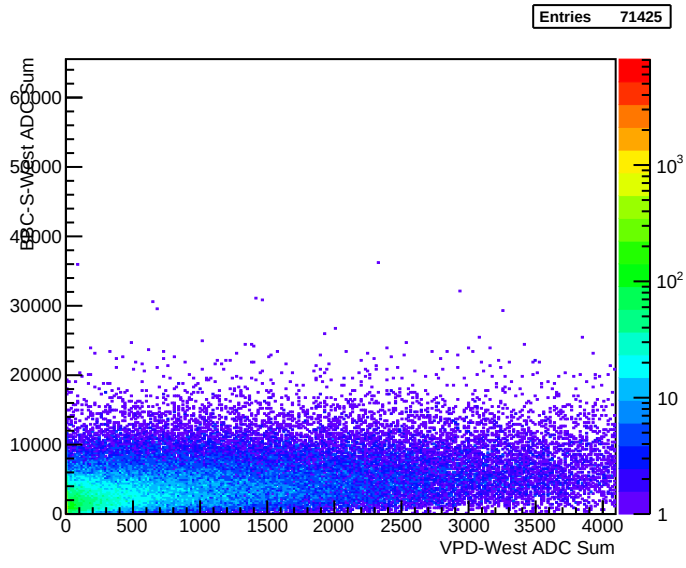

Entries 71425
TOF Mult
ZDC-East ADC Sum Att

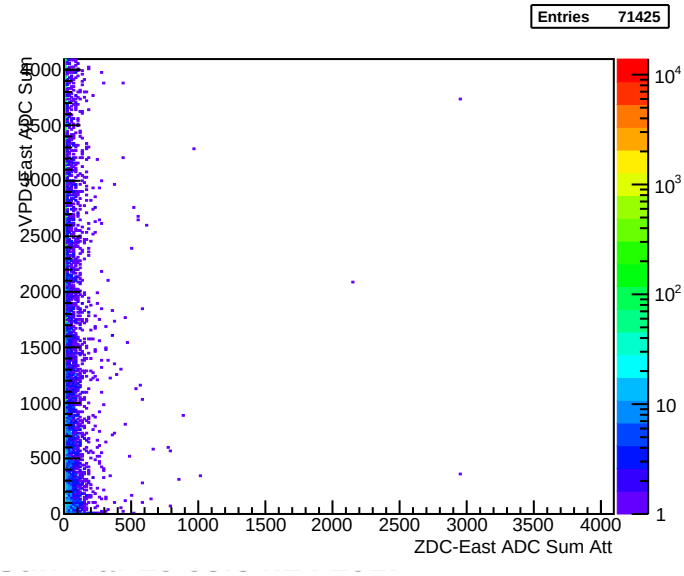

Entries 71425
TOF Mult
ZDC-West ADC Sum Att

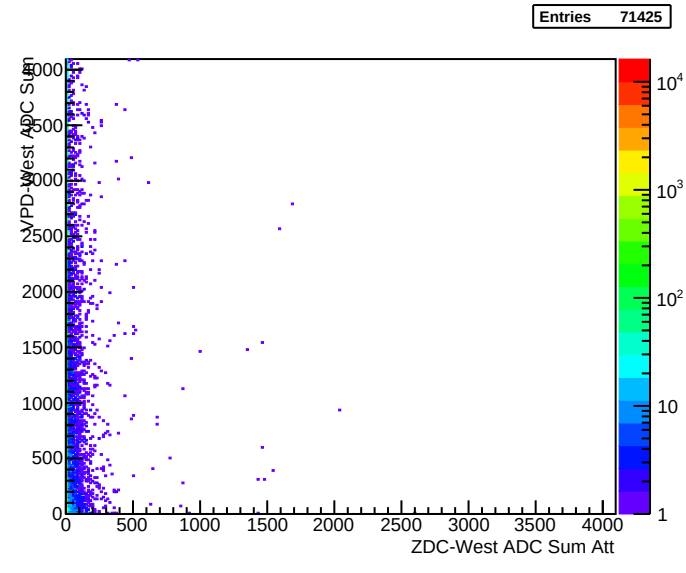

Entries 71425
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

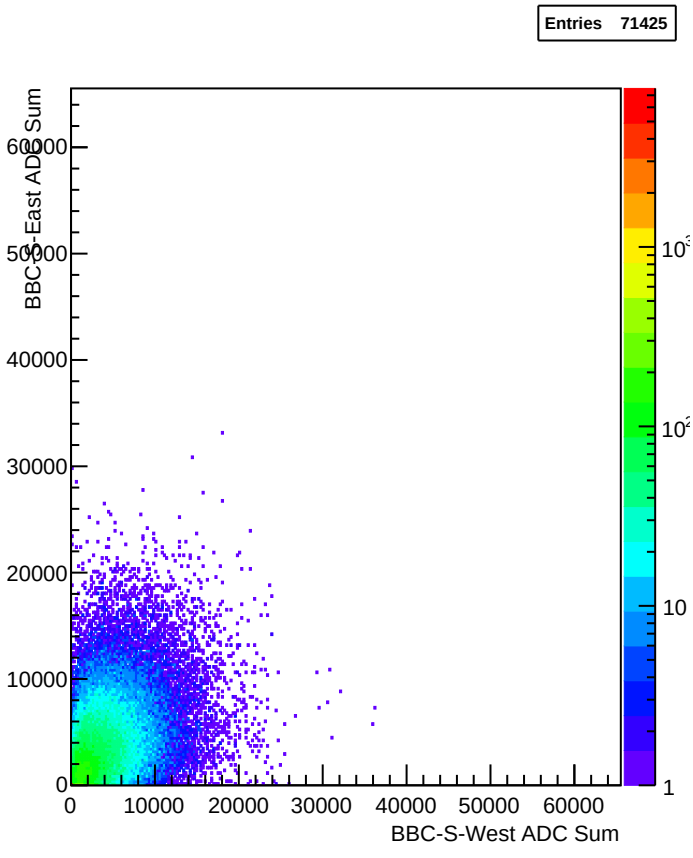

Entries 71425
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

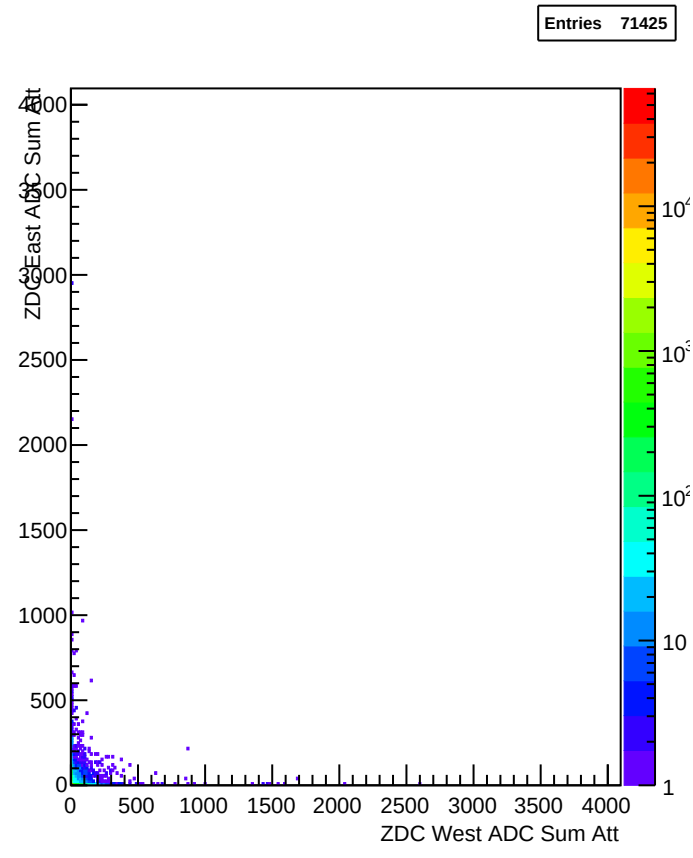

Entries 71425
BBC-S-East ADC Sum
VPD-East ADC Sum

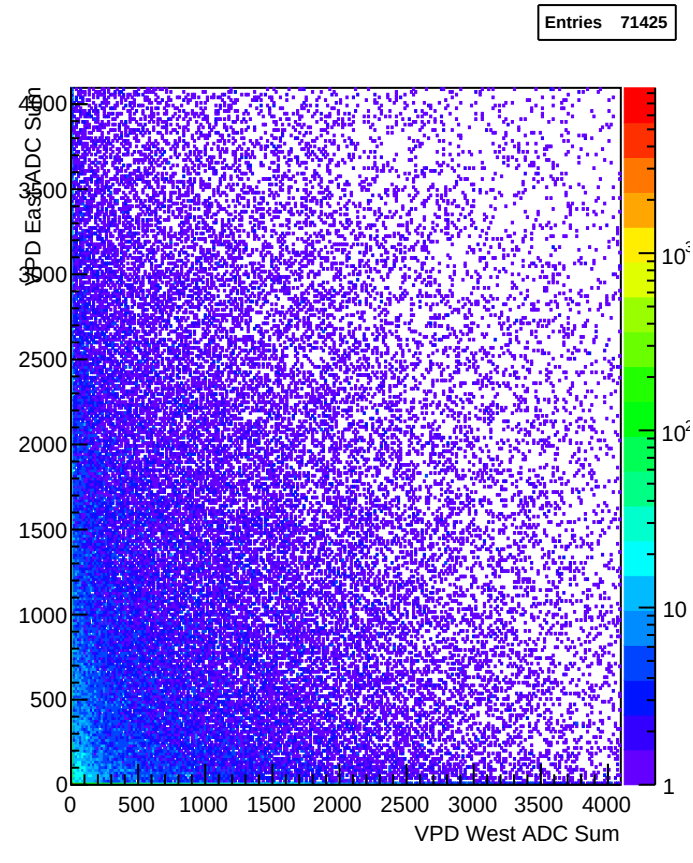

Entries 71425
BBC-S-West ADC Sum
VPD-West ADC Sum

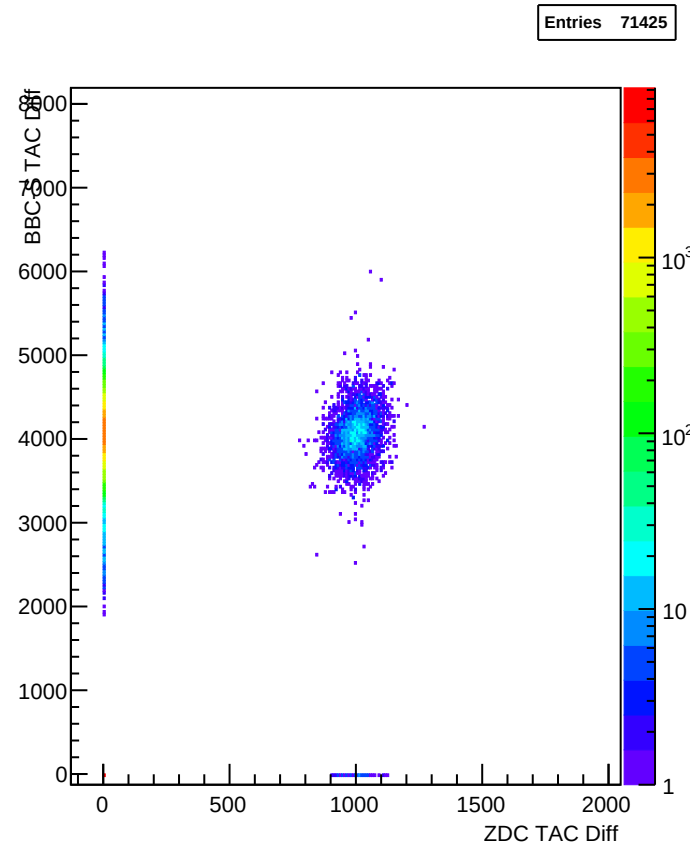

Entries 71425
VPD-East ADC Sum
ZDC-East ADC Sum Att

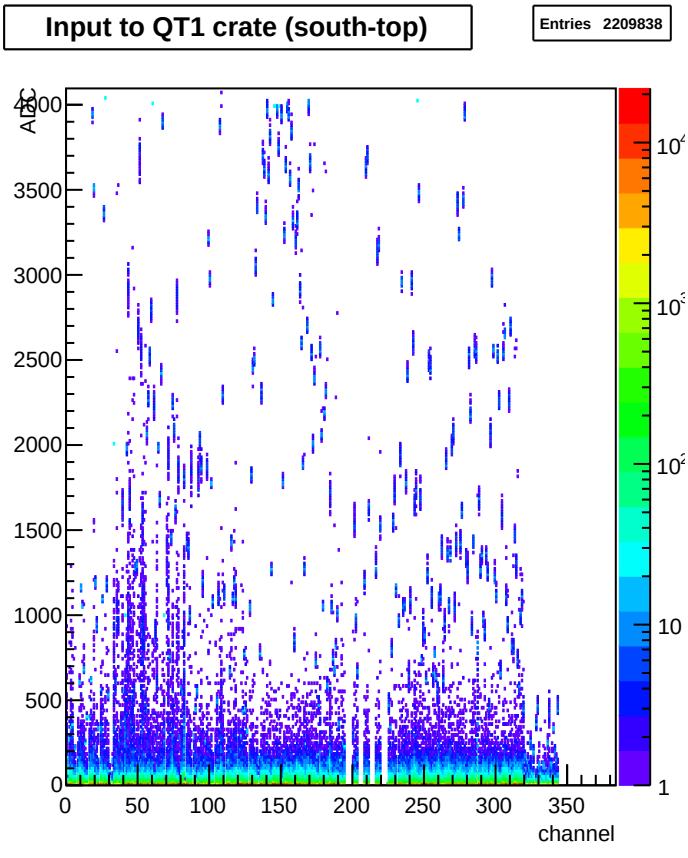

Entries 71425
VPD-West ADC Sum
ZDC-West ADC Sum Att

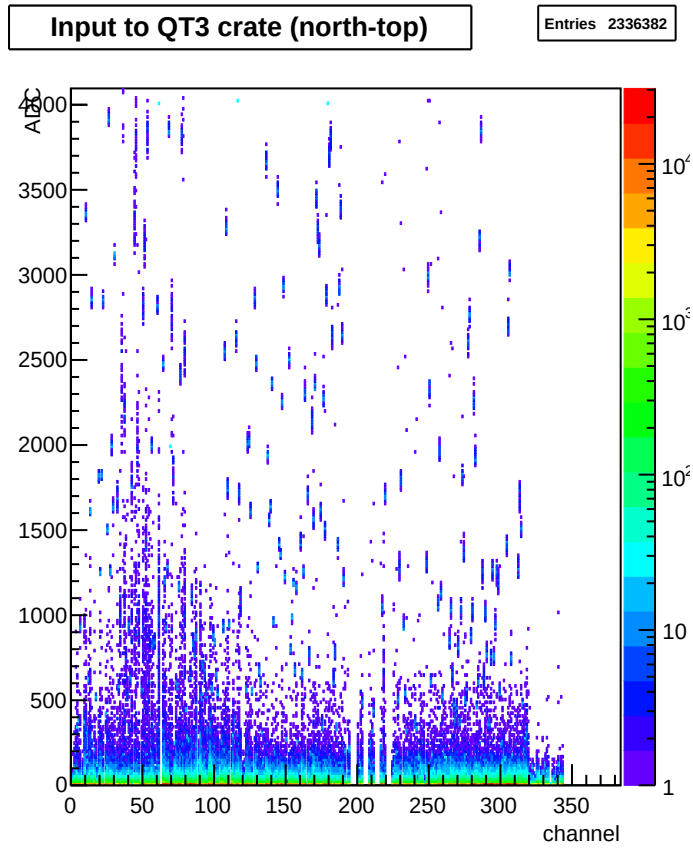

Entries 71425
BBC-S-East ADC Sum
BBC-S-West ADC Sum

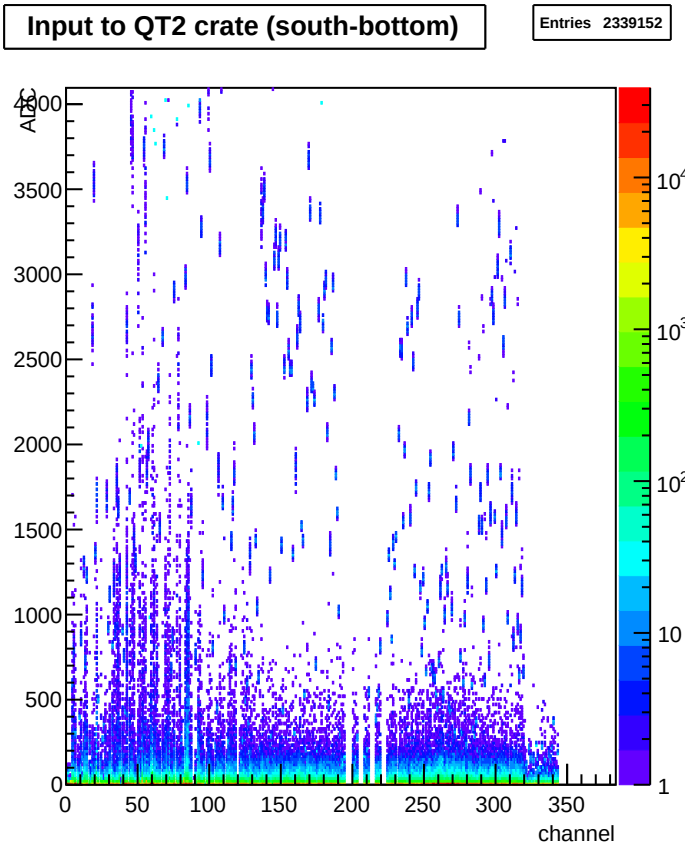

Entries 71425
ZDC East ADC Sum Att
ZDC West ADC Sum Att

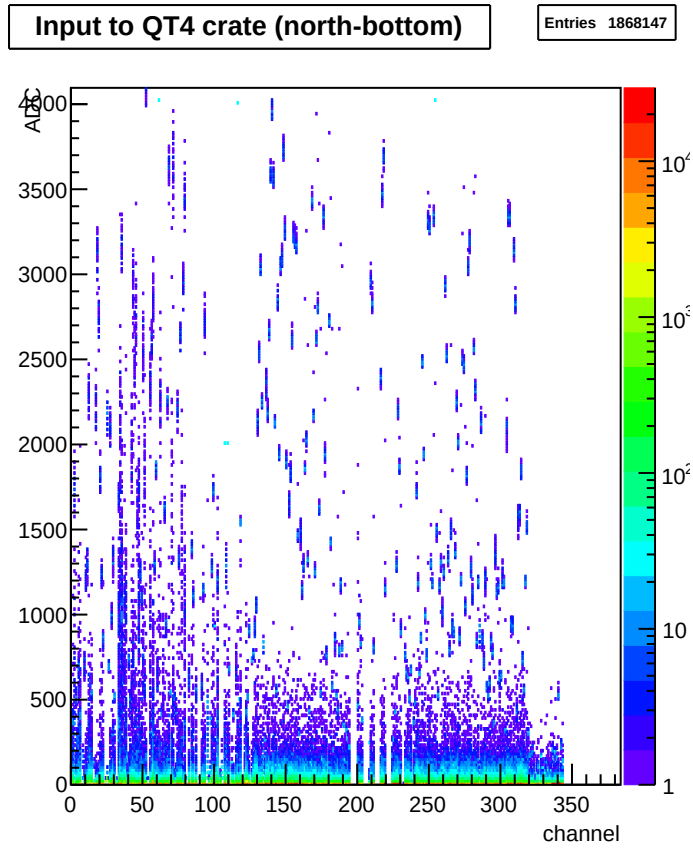

Entries 71425
VPD East ADC Sum
VPD West ADC Sum

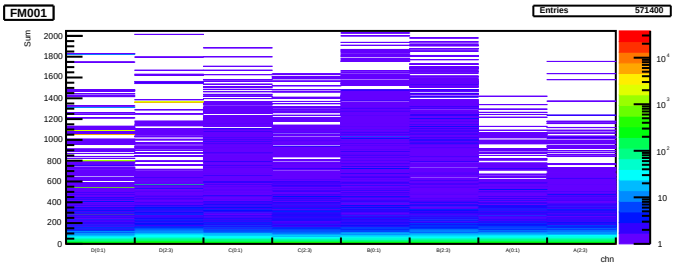

Entries 71425
BBC-S TAC Diff
ZDC TAC Diff

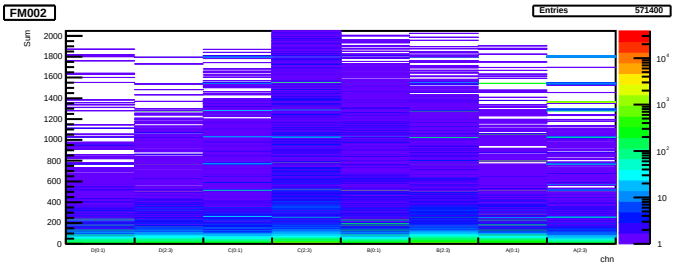

Input to QT1 crate (south-top)
Entries 2209838
ADC
channel

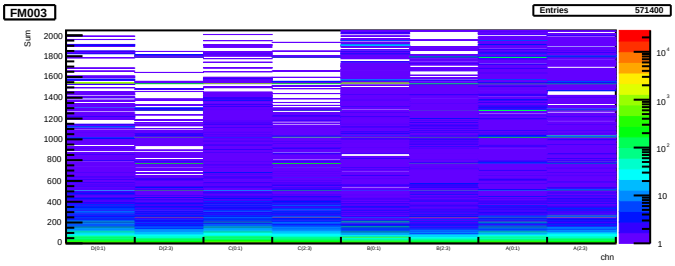

Input to QT3 crate (north-top)
Entries 2336382
ADC
channel

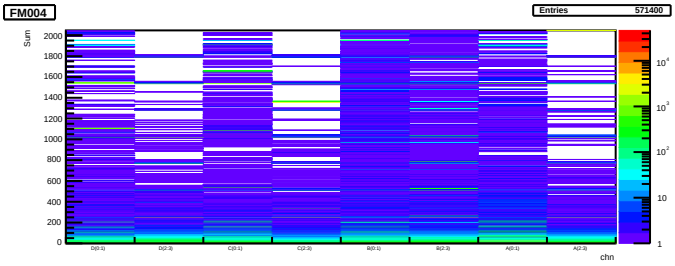

Input to QT2 crate (south-bottom)
Entries 2339152
ADC
channel

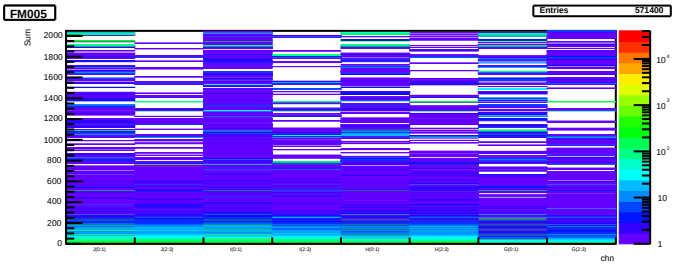

Input to QT4 crate (north-bottom)
Entries 1868147
ADC
channel

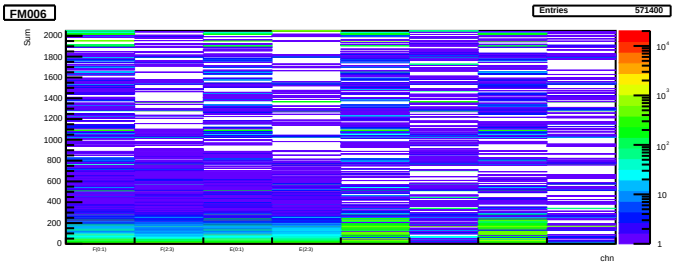

FM001
Entries 571400
Sum
chn

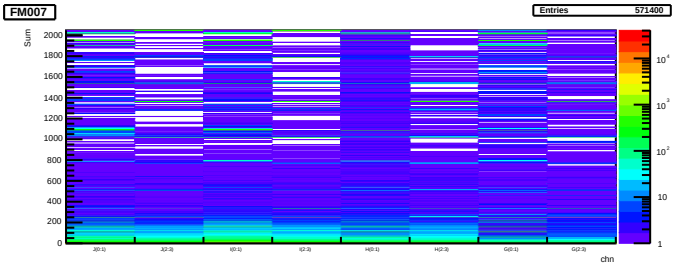

FM002
Entries 571400
Sum
chn

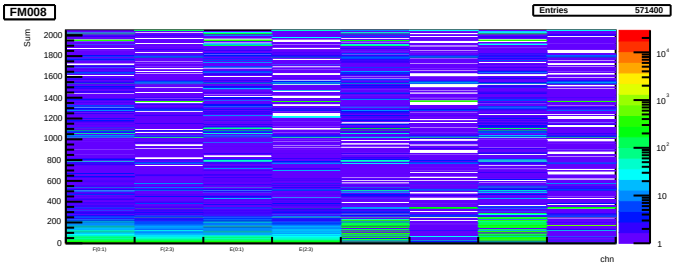

FM003
Entries 571400
Sum
chn

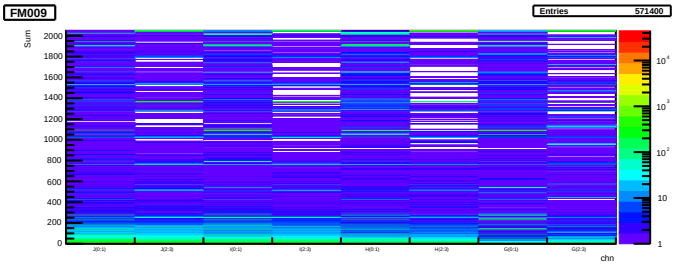

FM004
Entries 571400
Sum
chn

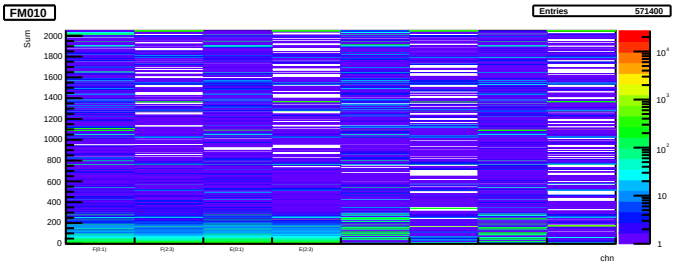

FM005
Entries 571400
Sum
chn


FM006
Entries 571400
Sum
chn


FM007
Entries 571400
Sum
chn


FM008
Entries 571400
Sum
chn


FM009
Entries 571400
Sum
chn


FM010
Entries 571400
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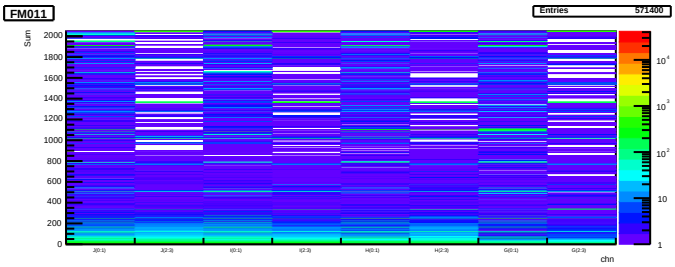
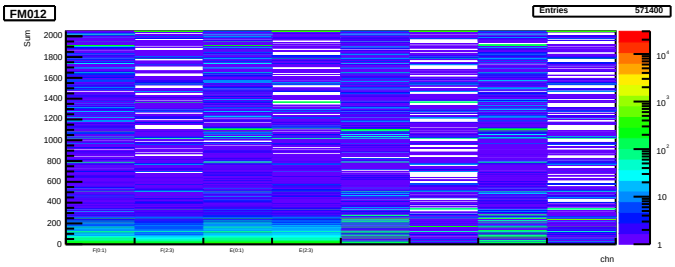

FM011
Entries 571400
Sum
chn


FM012
Entries 571400
Sum
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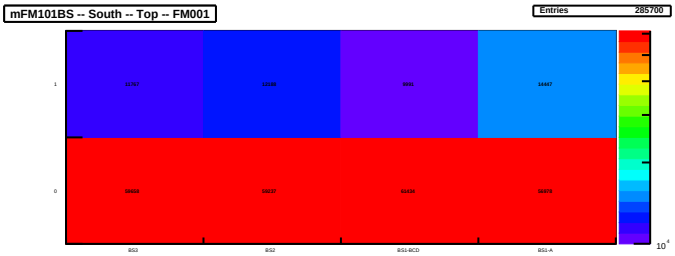
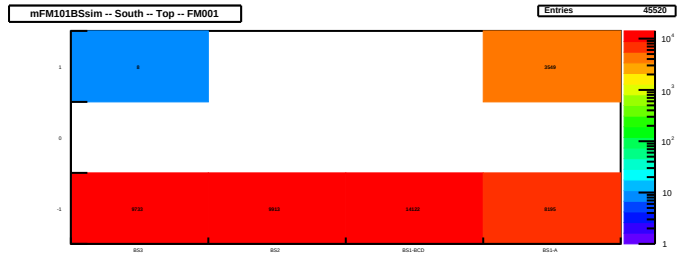

mFM101BS -- South -- Top -- FM001
Entries 285700
BS3
BS2
BS1-BCD
BS1-A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Entries 45520
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BS2
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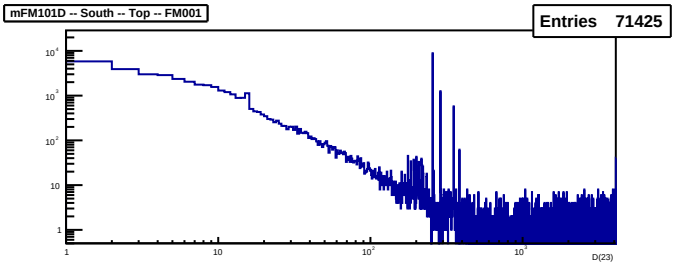
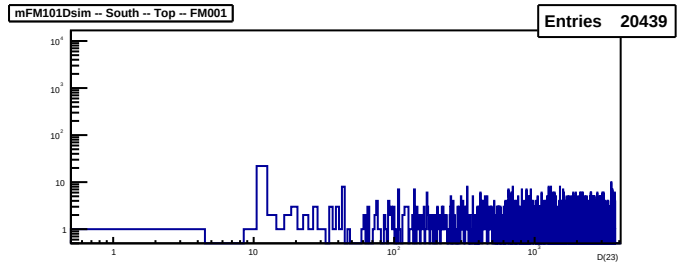
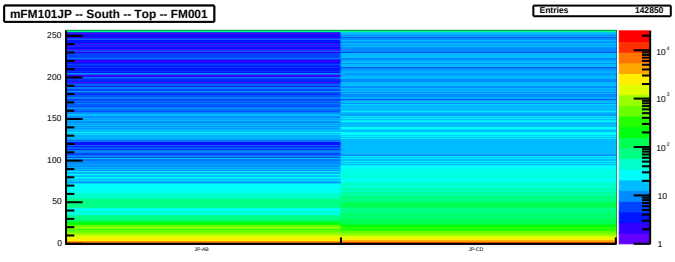
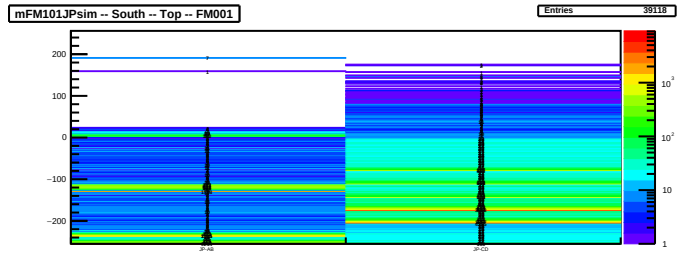
BS1-A


mFM101D -- South -- Top -- FM001
Entries 71425
D(23)


mFM101Dsim -- South -- Top -- FM001
Entries 20439
D(23)


mFM101JP -- South -- Top -- FM001
Entries 142850
JP-AB
JP-CD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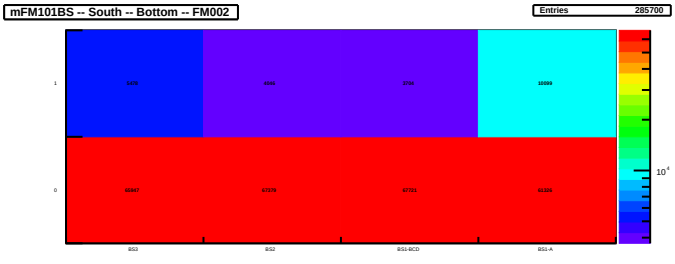
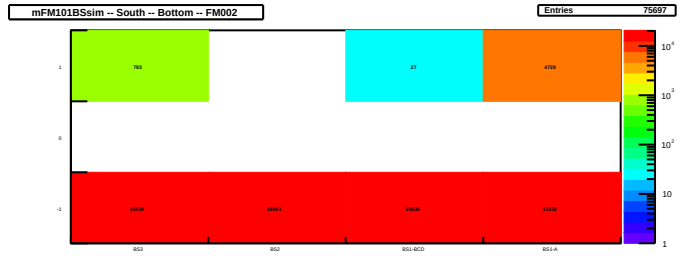
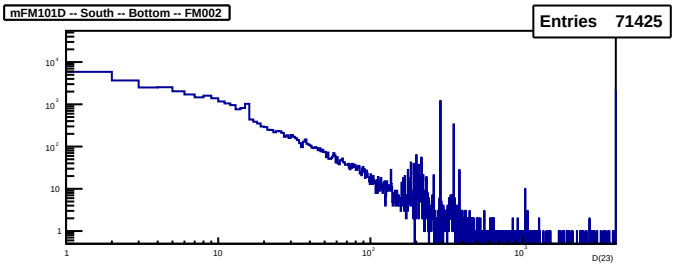
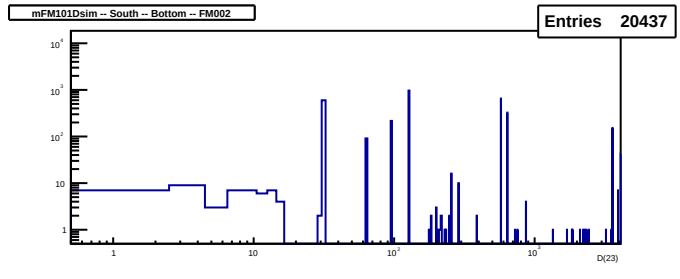
Entries 39118
JP-AB
JP-CD


mFM101BS -- South -- Bottom -- FM002
Entries 285700
BS3
BS2
BS1-BCD
BS1-A


mFM101BSsim -- South -- Bottom -- FM002
Entries 75697
BS3
BS2
BS1-BCD
BS1-A


mFM101D -- South -- Bottom -- FM002
Entries 71425
D(23)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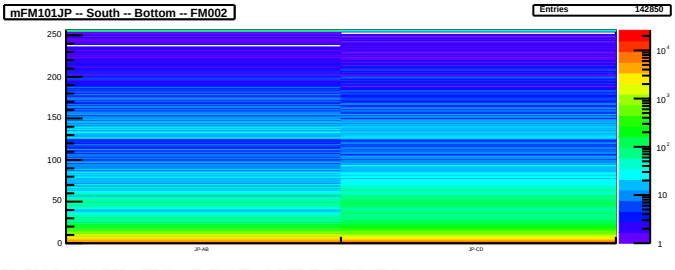
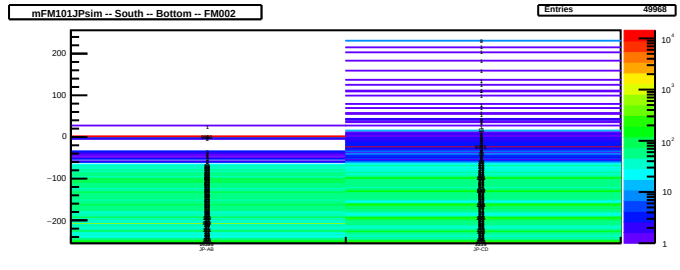
Entries 20437
D(23)


mFM101JP -- South -- Bottom -- FM002
Entries 142850
JP-AB
JP-CD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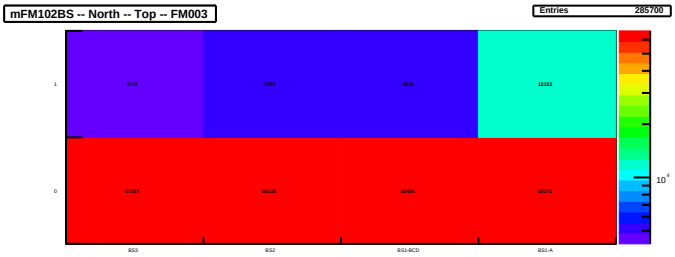
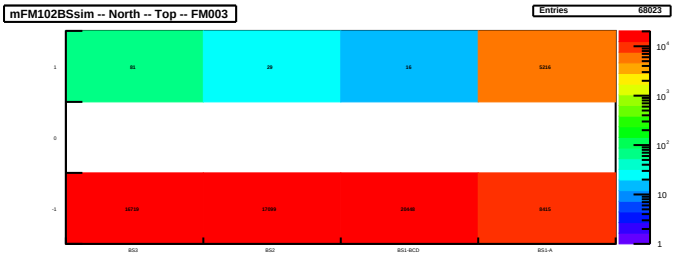
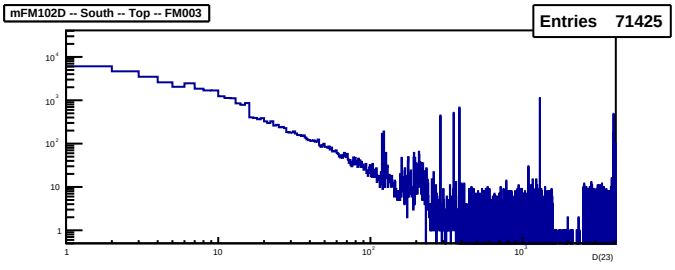
Entries 49968
JP-AB
JP-CD


mFM102BS -- North -- Top -- FM003
Entries 285700


mFM102BSsim -- North -- Top -- FM003
Entries 68023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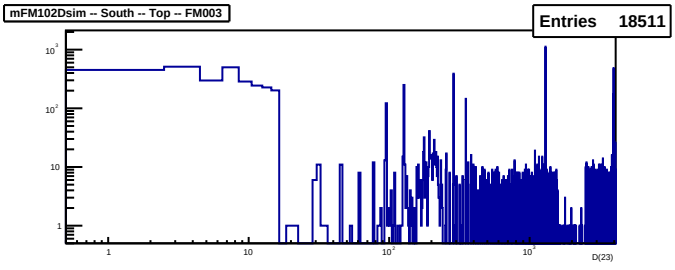
Entries 71425
D(23)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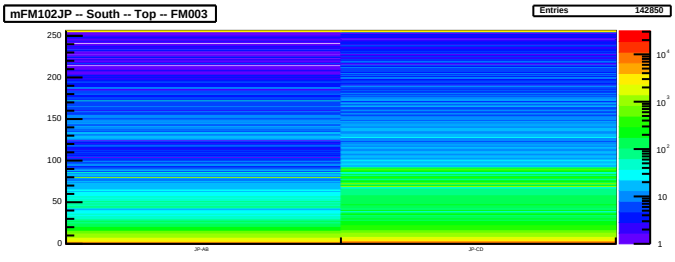
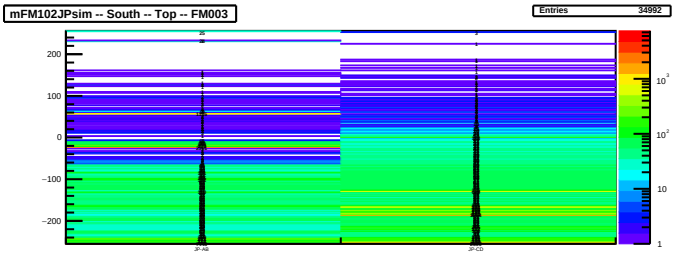
Entries 18511
D(23)


mFM102JP -- South -- Top -- FM003
Entries 142850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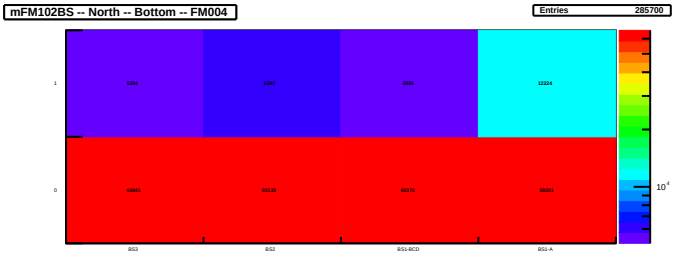
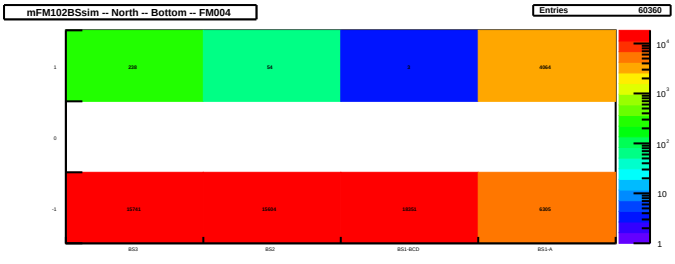
Entries 34992


mFM102BS -- North -- Bottom -- FM004
Entries 285700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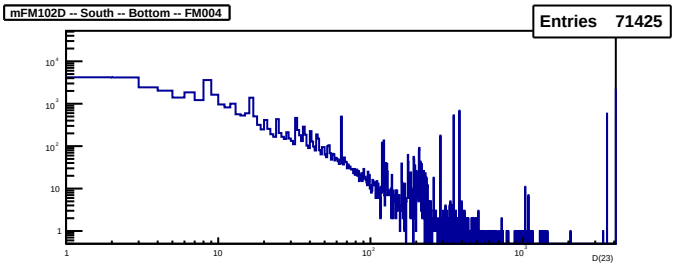
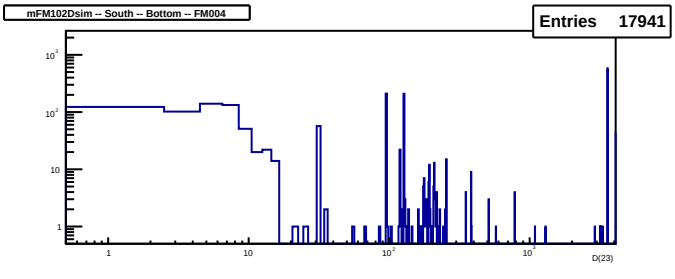
Entries 60360


mFM102D -- South -- Bottom -- FM004
Entries 71425
D(23)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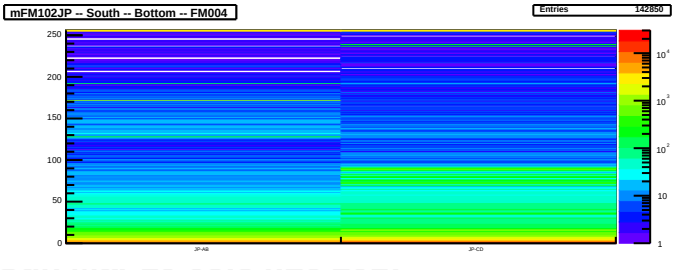
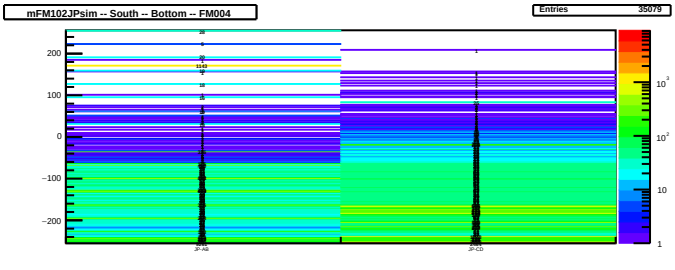
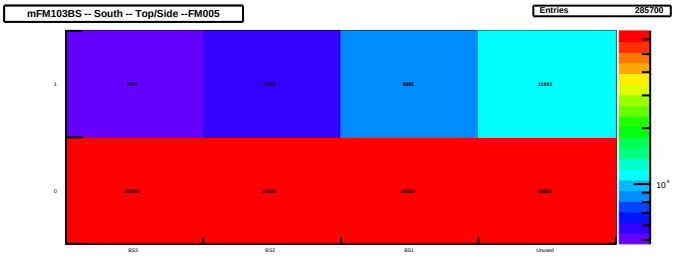
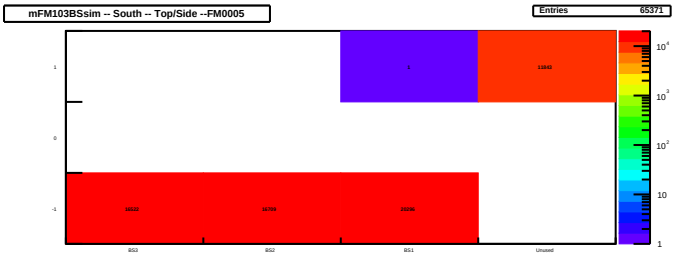
Entries 17941
D(23)


mFM102JP -- South -- Bottom -- FM004
Entries 142850


mFM102JPsim -- South -- Bottom -- FM004
Entries 35079


mFM103BS -- South -- Top/Side --FM005
Entries 285700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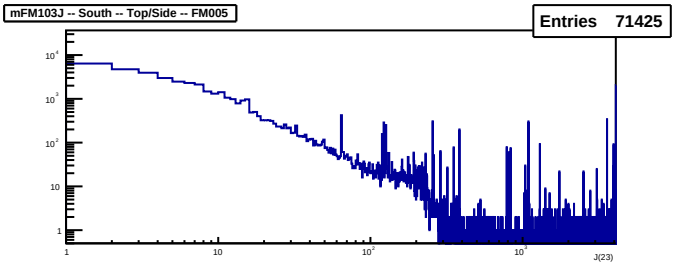
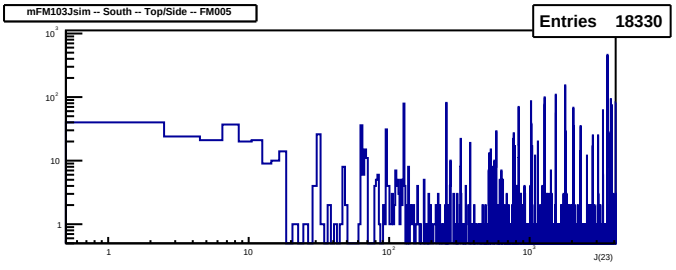
Entries 65371


mFM103J -- South -- Top/Side -- FM005
Entries 71425
J(23)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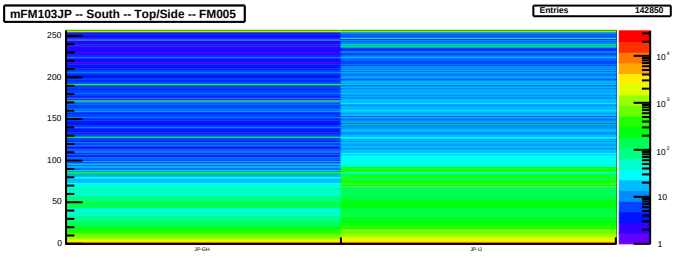
Entries 18330
J(23)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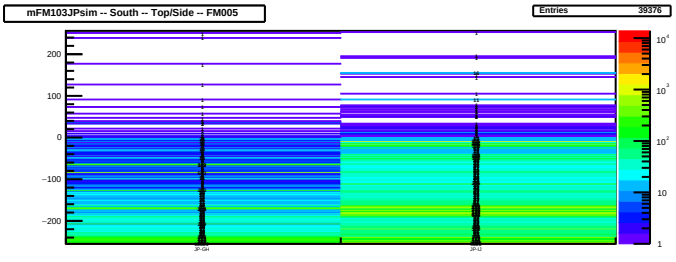
Entries 142850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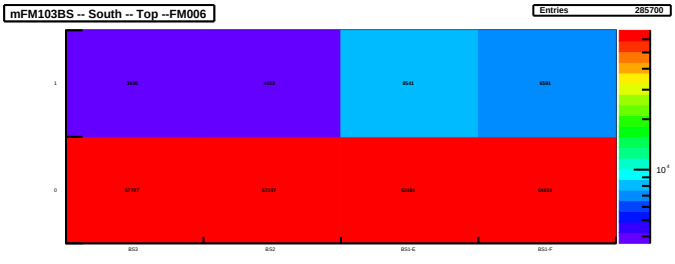
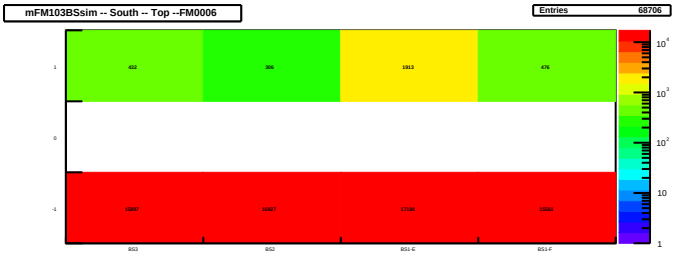
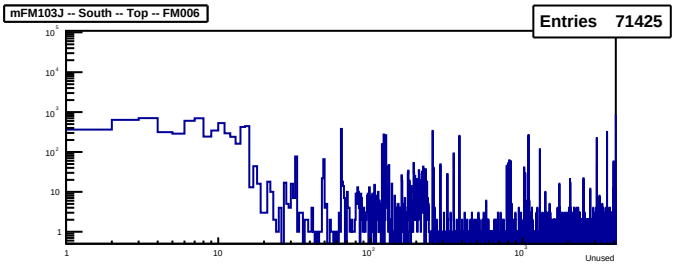
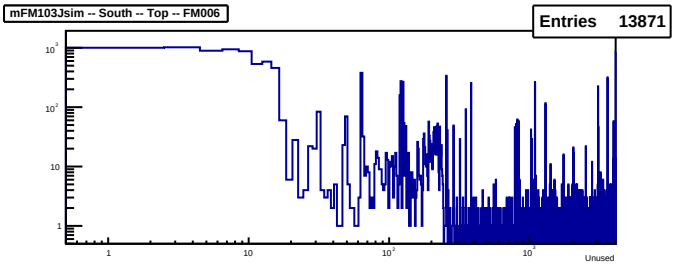
Entries 39376


mFM103BS -- South -- Top --FM006
Entries 285700


mFM103BSsim -- South -- Top --FM0006
Entries 68706


mFM103J -- South -- Top -- FM006
Entries 71425
Unused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Entries 13871
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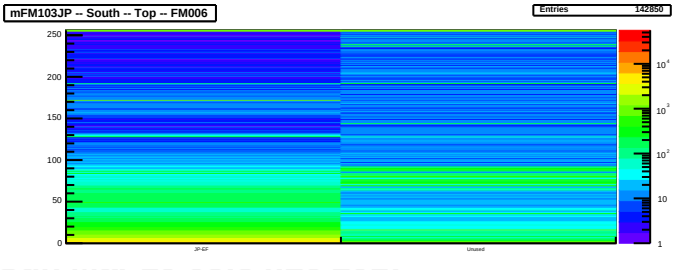
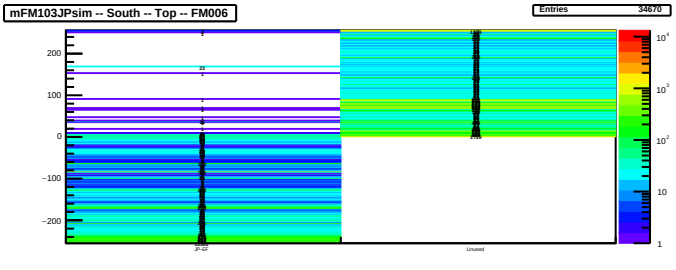

mFM103JP -- South -- Top -- FM006
Entries 142850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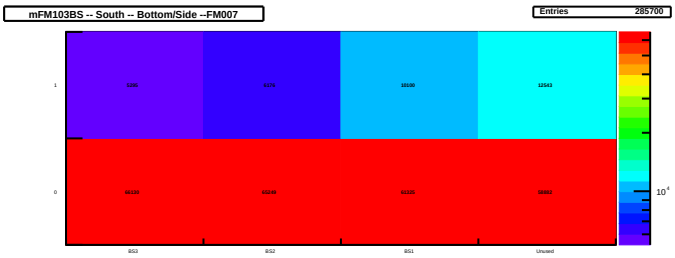
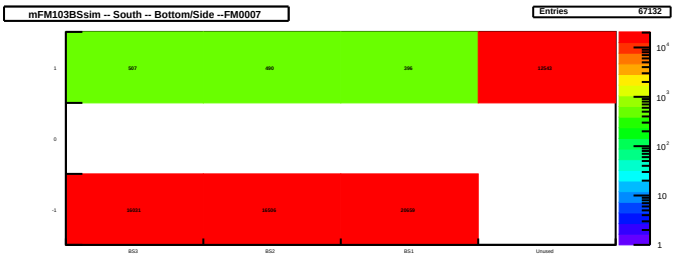
Entries 34670


mFM103BS -- South -- Bottom/Side --FM007
Entries 285700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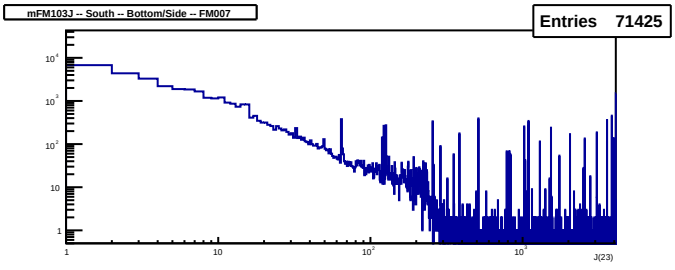
Entries 67132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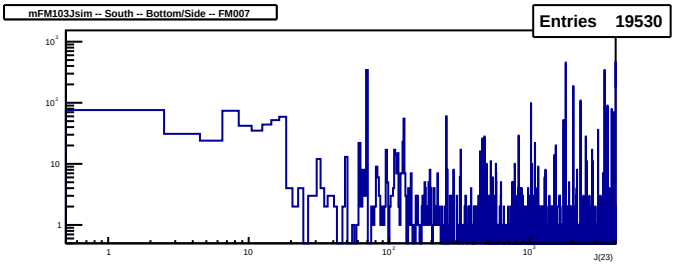
Entries 71425
J(23)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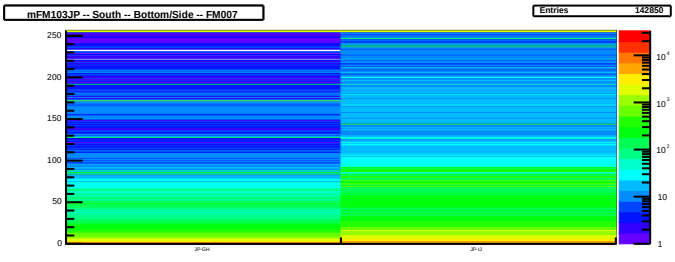
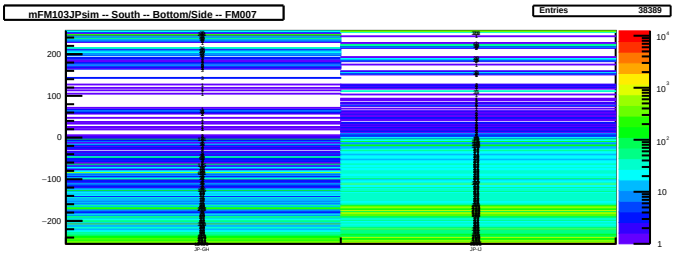
Entries 19530
J(23)


mFM103JP -- South -- Bottom/Side -- FM007
Entries 142850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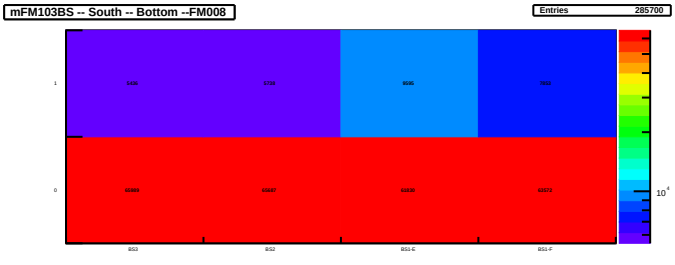
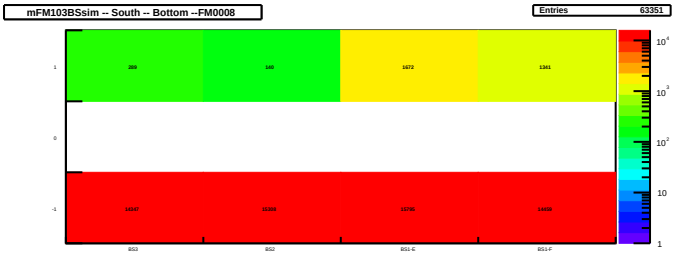
Entries 38389


mFM103BS -- South -- Bottom --FM008
Entries 285700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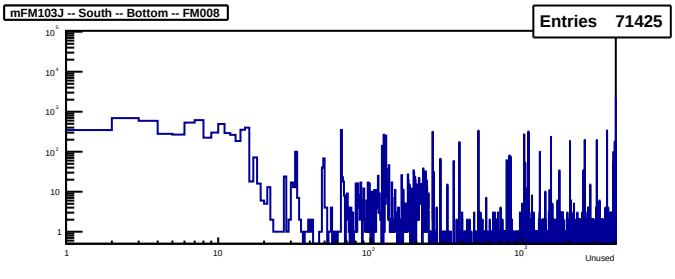
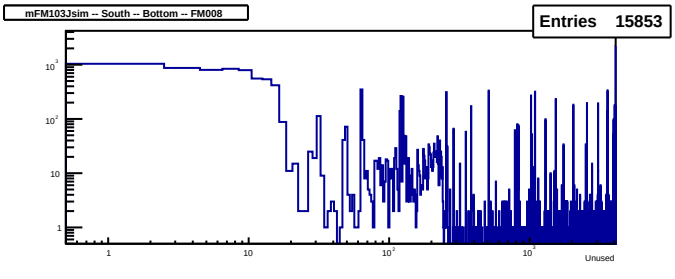
Entries 63351


mFM103J -- South -- Bottom -- FM008
Entries 71425
Unused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Entries 15853
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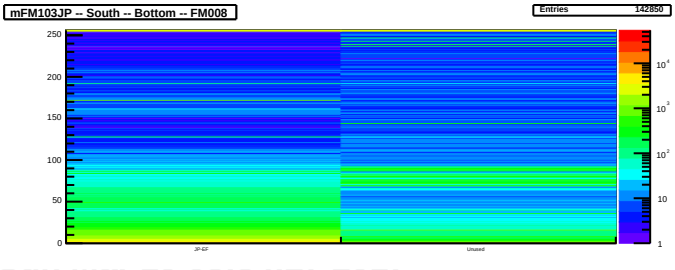
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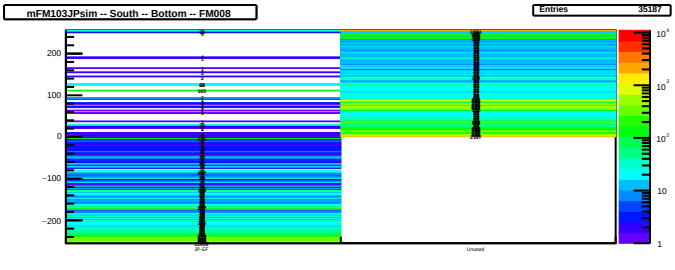
Entries 142850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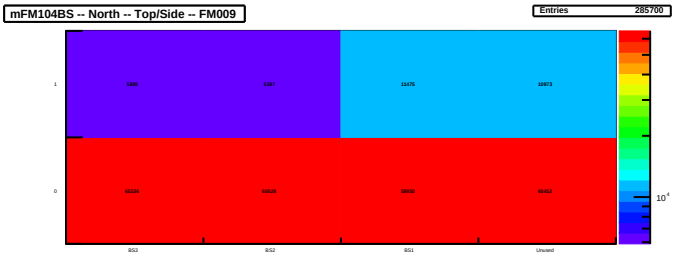
Entries 35187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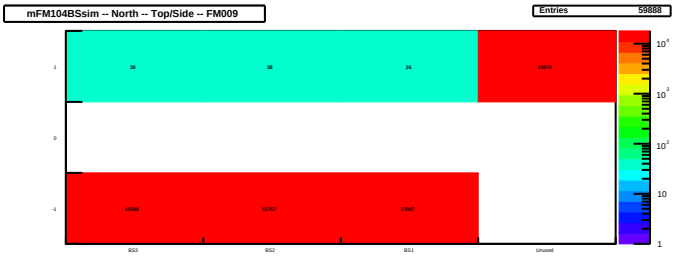
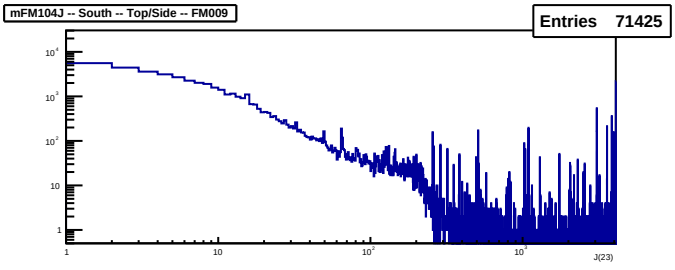
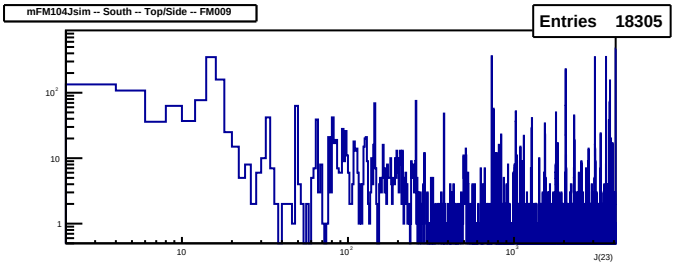

mFM104BSsim -- North -- Top/Side -- FM009
Entries 59888


mFM104J -- South -- Top/Side -- FM009
Entries 71425
J(23)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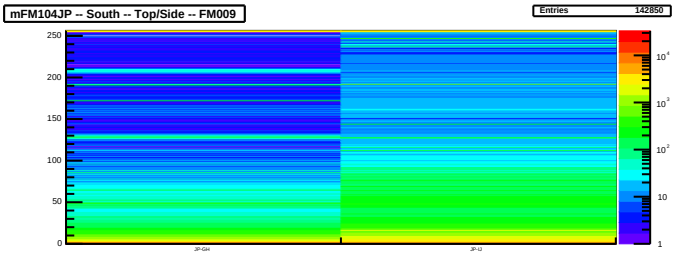
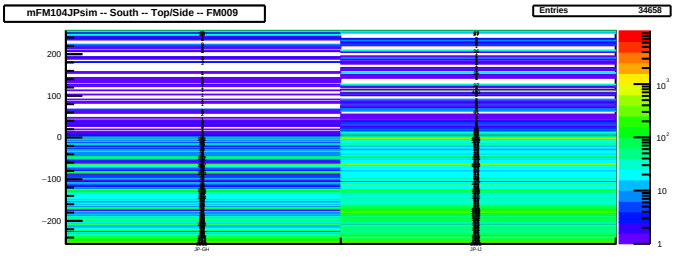
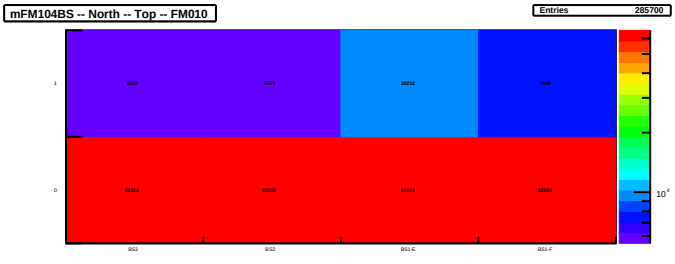
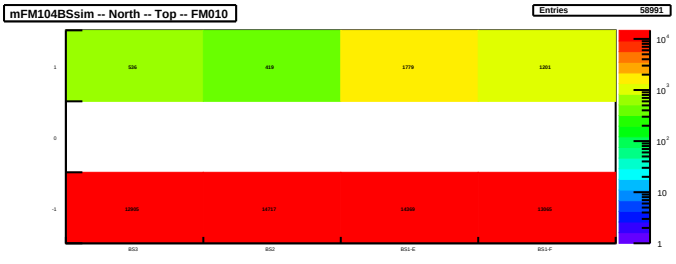
Entries 18305
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 142850


mFM104JPsim -- South -- Top/Side -- FM009
Entries 34658


mFM104BS -- North -- Top -- FM010
Entries 285700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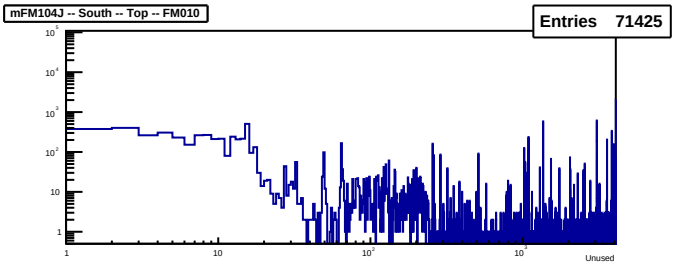
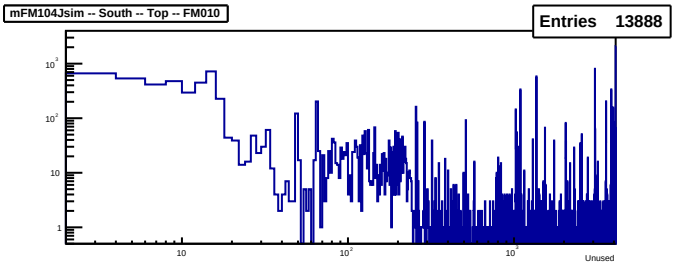
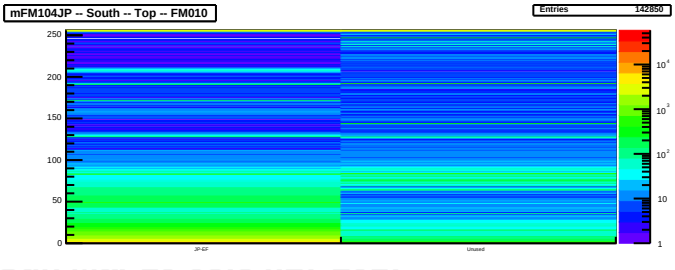
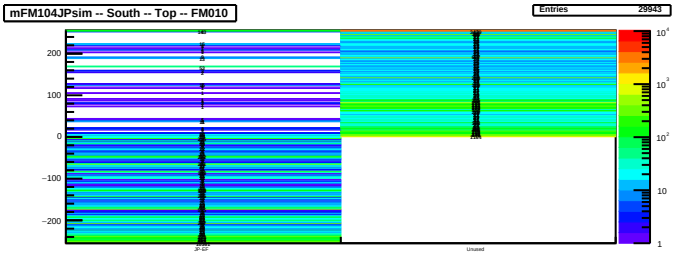
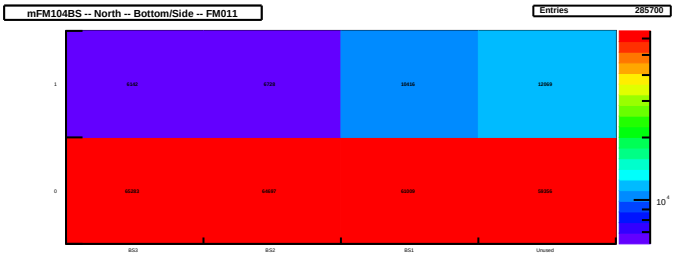
Entries 58991

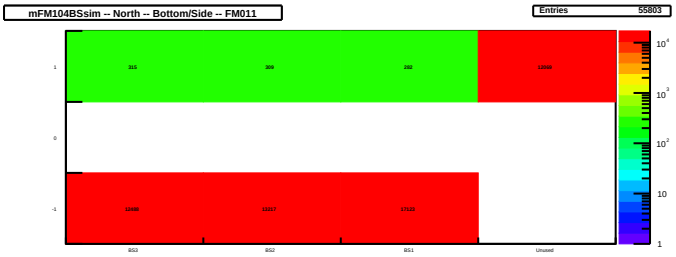

mFM104J -- South -- Top -- FM010
Entries 71425
Unused

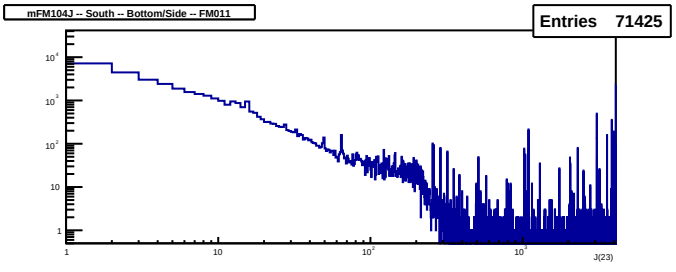

mFM104Jsim -- South -- Top -- FM010
Entries 13888
Unused

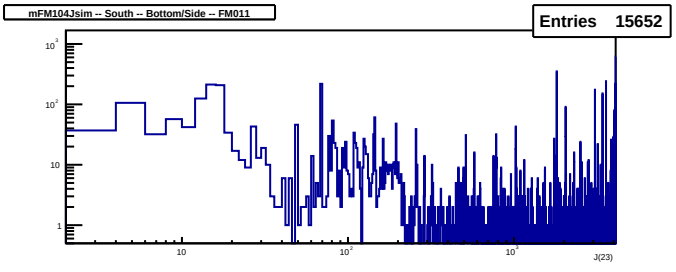

mFM104JP -- South -- Top -- FM010
Entries 142850

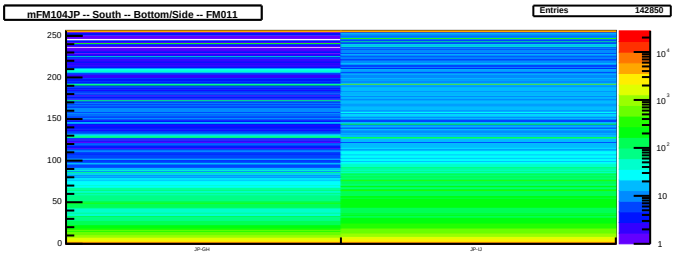

mFM104JPsim -- South -- Top -- FM010
Entries 29943

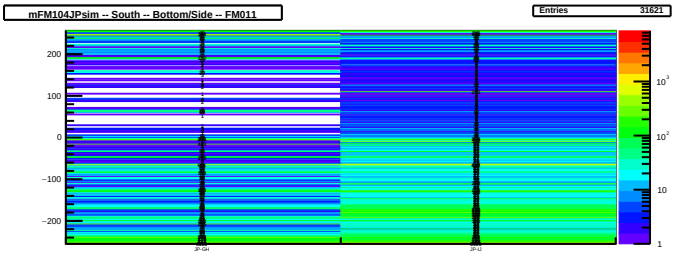

mFM104BS -- North -- Bottom/Side -- FM011
Entries 285700

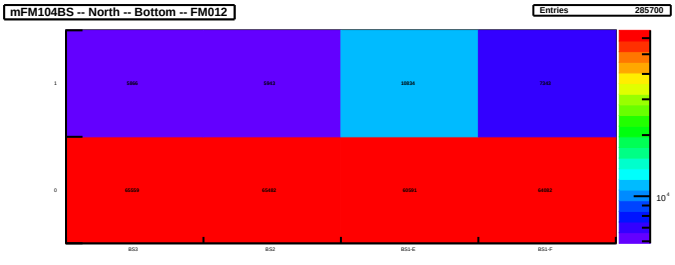

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 55803

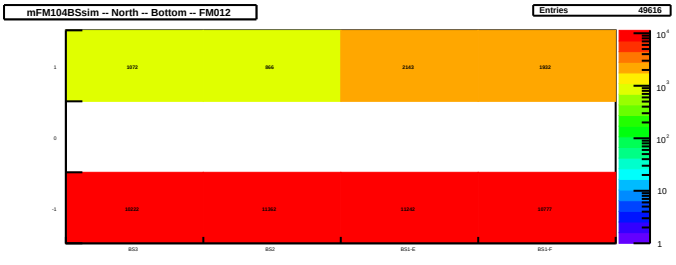

mFM104J -- South -- Bottom/Side -- FM011
Entries 71425
J(23)

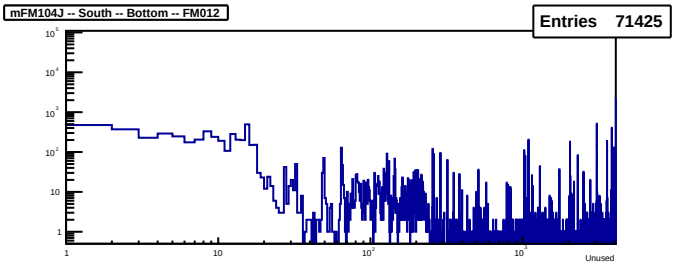

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 15652
J(23)

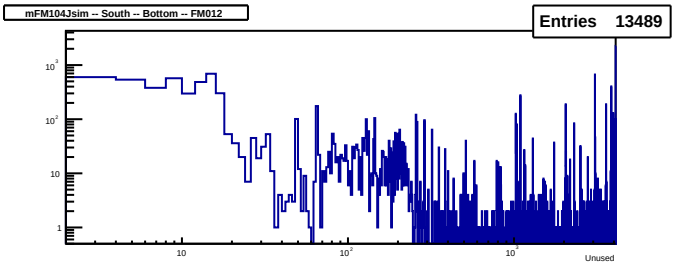

mFM104JP -- South -- Bottom/Side -- FM011
Entries 142850

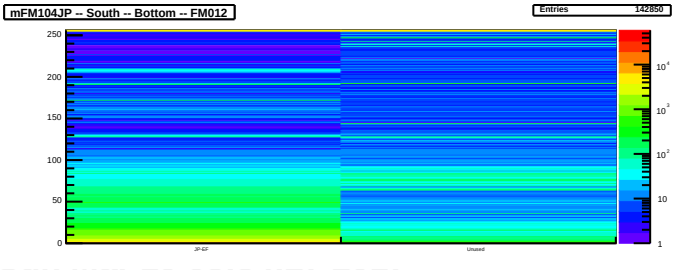

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 31621

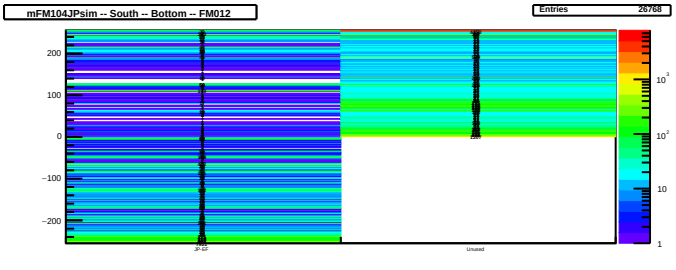

mFM104BS -- North -- Bottom -- FM012
Entries 285700

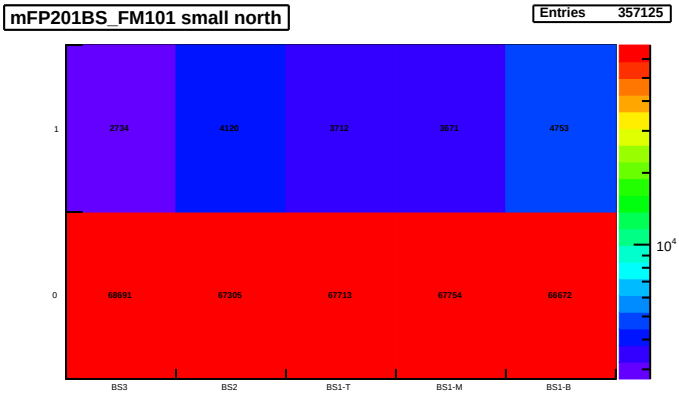

mFM104BSsim -- North -- Bottom -- FM012
Entries 49616

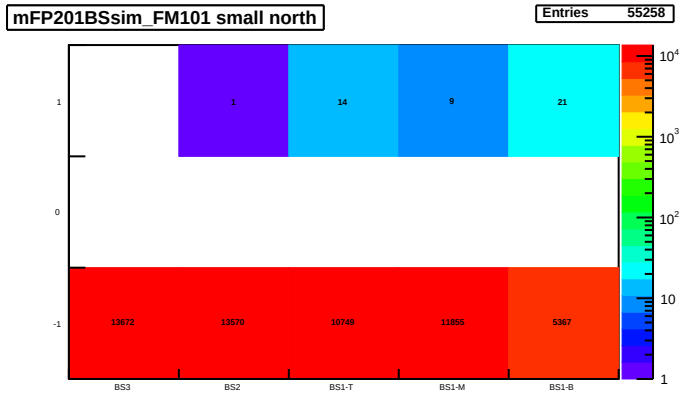

mFM104J -- South -- Bottom -- FM012
Entries 71425
Unused

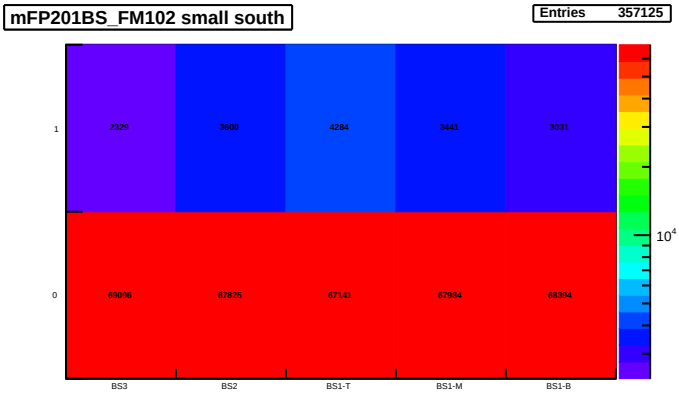

mFM104Jsim -- South -- Bottom -- FM012
Entries 13489
Unused

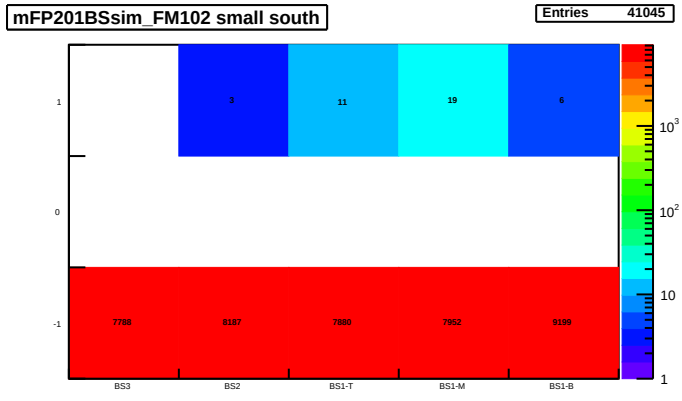

mFM104JP -- South -- Bottom -- FM012
Entries 142850

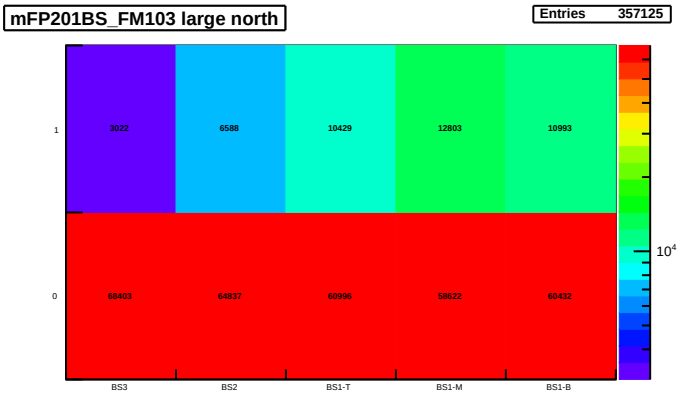

mFM104JPsim -- South -- Bottom -- FM012
Entries 26768

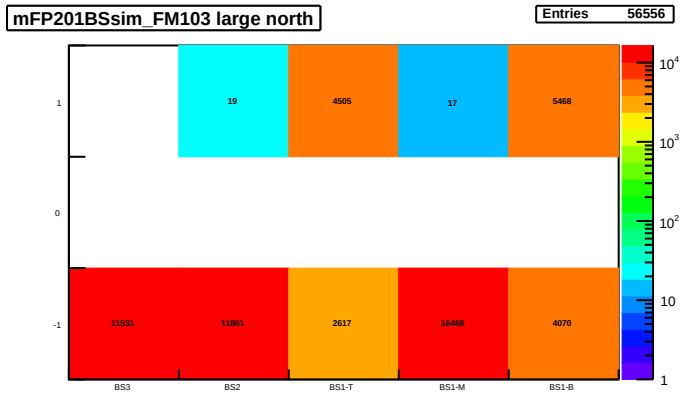

mFP201BS_FM101 small north
Entries 357125
2734 4120 3712 3671 4753
68691 67305 67713 67754 66672
BS3 BS2 BS1-T BS1-M BS1-B

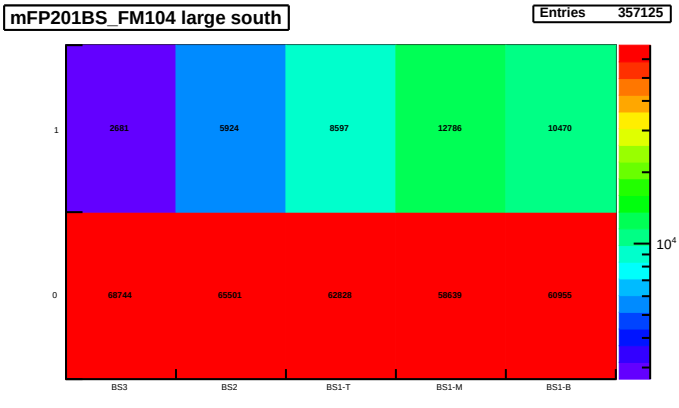

mFP201BSsim_FM101 small north
Entries 55258
1 14 9 21
13672 13570 10749 11855 5367
BS3 BS2 BS1-T BS1-M BS1-B

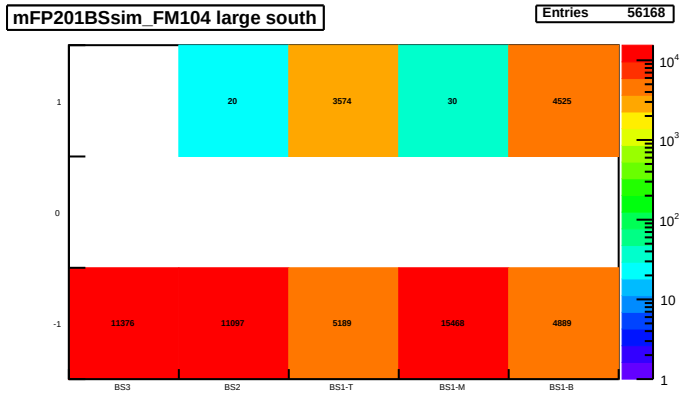

mFP201BS_FM102 small south
Entries 357125
2329 3600 4284 3441 3031
69096 67825 67141 67984 68394
BS3 BS2 BS1-T BS1-M BS1-B

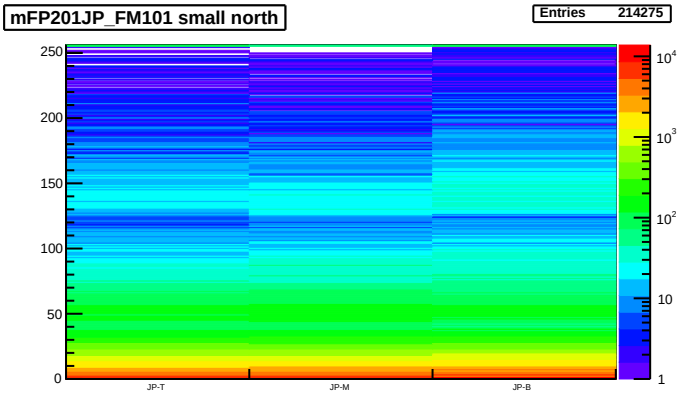

mFP201BSsim_FM102 small south
Entries 41045
3 11 19 6
7788 8187 7880 7952 9199
BS3 BS2 BS1-T BS1-M BS1-B

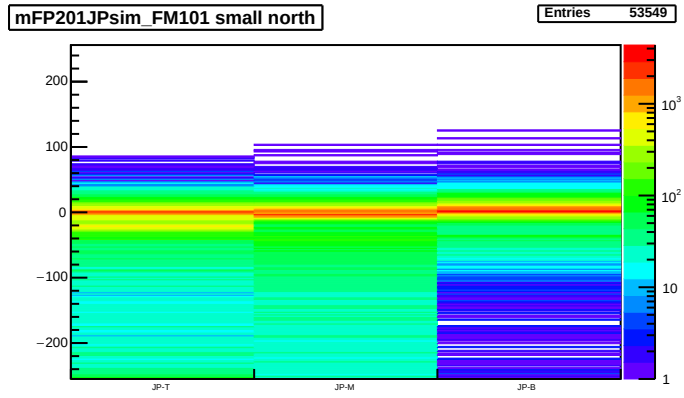

mFP201BS_FM103 large north
Entries 357125
3022 6588 10429 12803 10993
68403 64837 60996 58622 60432
BS3 BS2 BS1-T BS1-M BS1-B

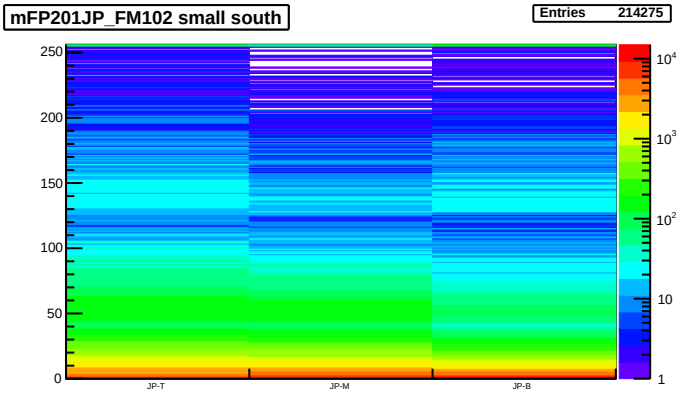

mFP201BSsim_FM103 large north
Entries 56556
19 4505 17 5468
11531 11861 2617 16468 4070
BS3 BS2 BS1-T BS1-M BS1-B

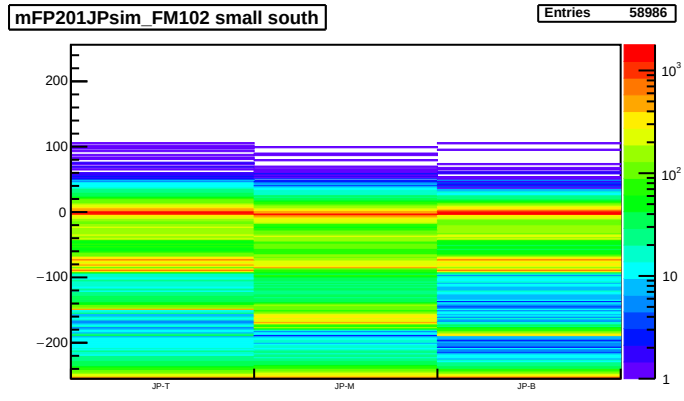

mFP201BS_FM104 large south
Entries 357125
2681 5924 8597 12786 10470
68744 65501 62828 58639 60955
BS3 BS2 BS1-T BS1-M BS1-B

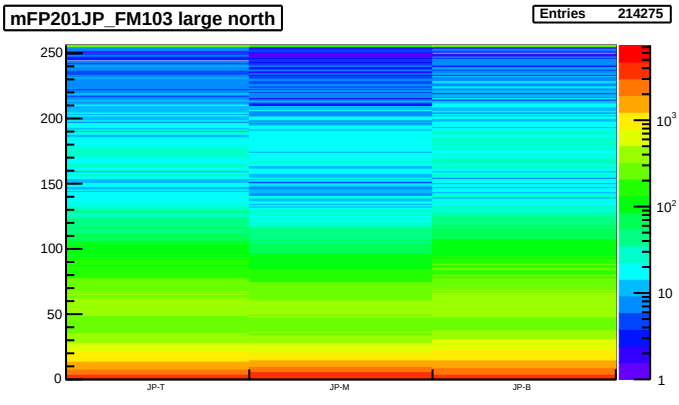

mFP201BSsim_FM104 large south
Entries 56168
20 3574 30 4525
11376 11097 5189 15468 4889
BS3 BS2 BS1-T BS1-M BS1-B

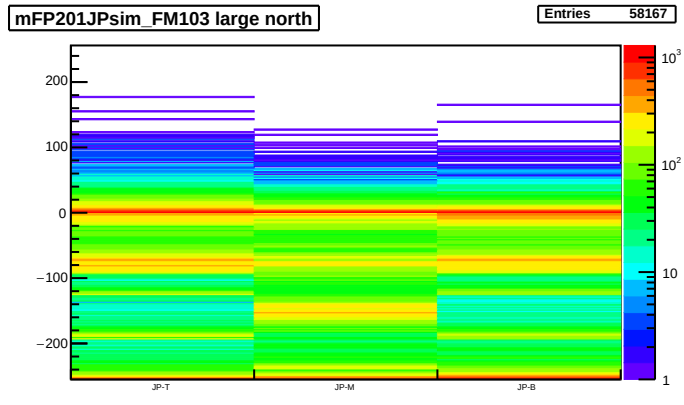

mFP201JP_FM101 small north
Entries 214275
JP-T
JP-M
JP-B

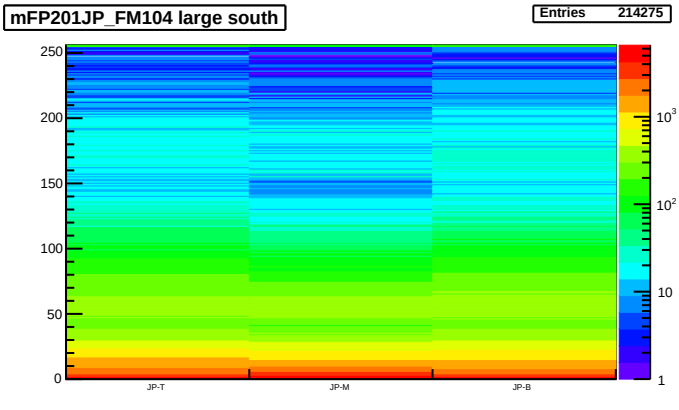

mFP201JPsim_FM101 small north
Entries 53549
JP-T
JP-M
JP-B

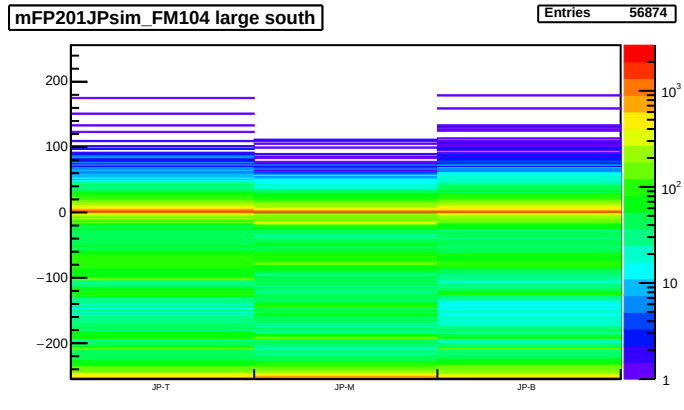

mFP201JP_FM102 small south
Entries 214275
JP-T
JP-M
JP-B

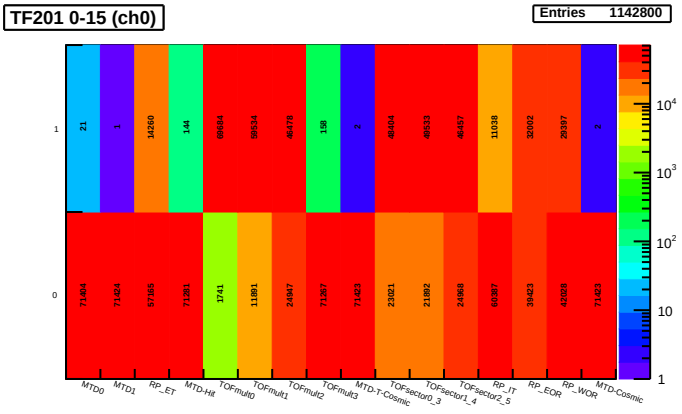

mFP201JPsim_FM102 small south
Entries 58986
JP-T
JP-M
JP-B

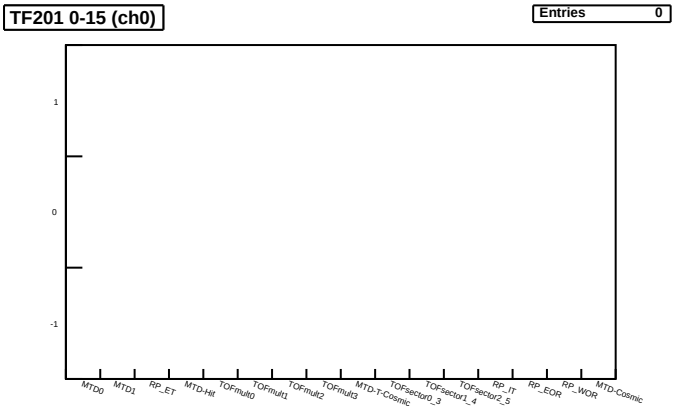

mFP201JP_FM103 large north
Entries 214275
JP-T
JP-M
JP-B

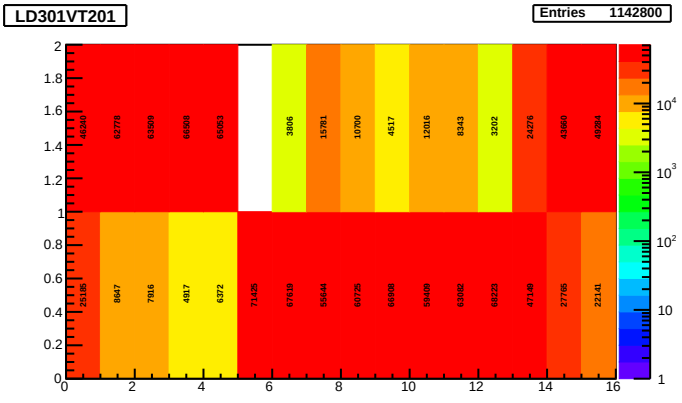

mFP201JPsim_FM103 large north
Entries 58167
JP-T
JP-M
JP-B

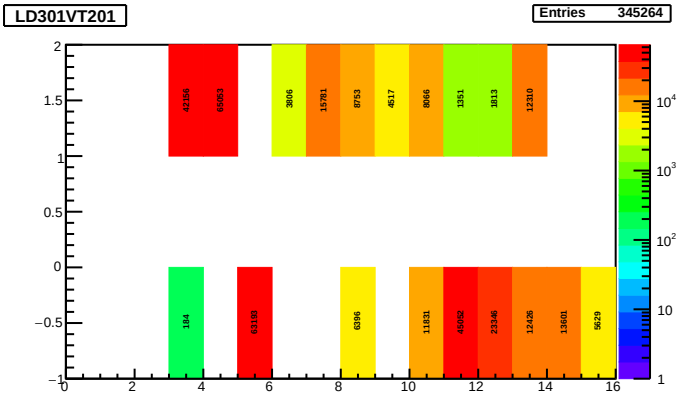

mFP201JP_FM104 large south
Entries 214275
JP-T
JP-M
JP-B

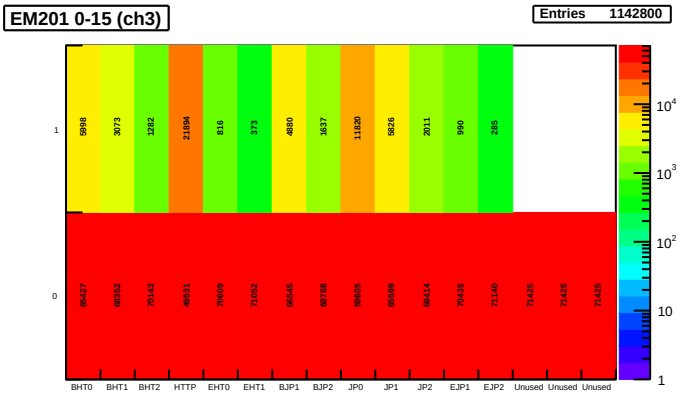

mFP201JPsim_FM104 large south
Entries 56874
JP-T
JP-M
JP-B

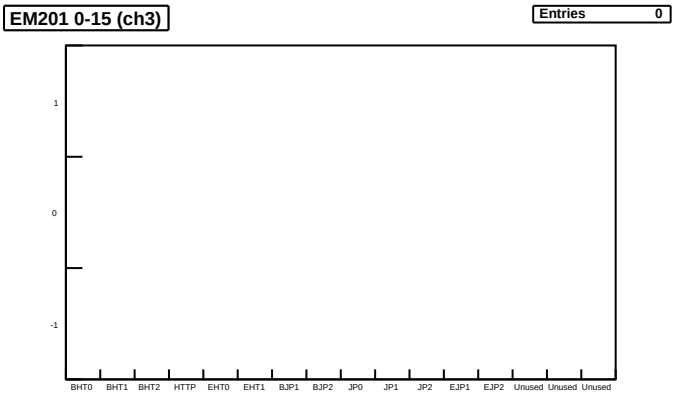

TF201 0-15 (ch0)
Entries 1142800
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

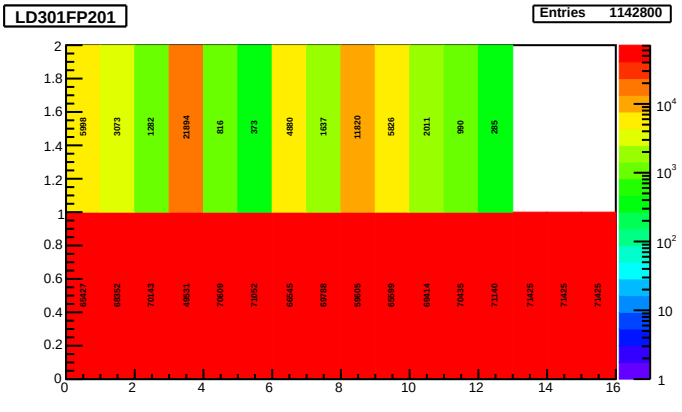

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

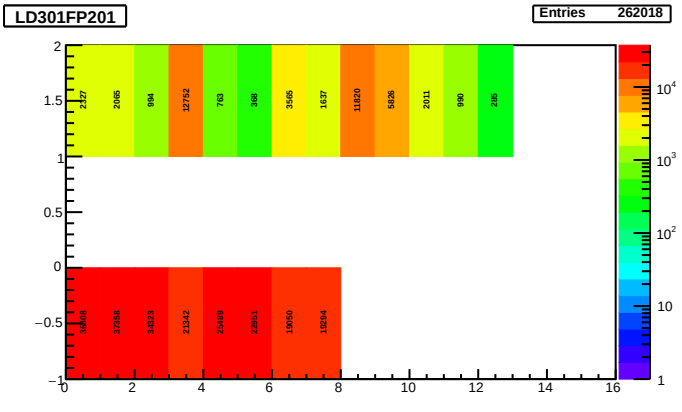

LD301VT201
Entries 1142800


LD301VT201
Entries 345264


EM201 0-15 (ch3)
Entries 1142800
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 1142800


LD301FP201
Entries 262018