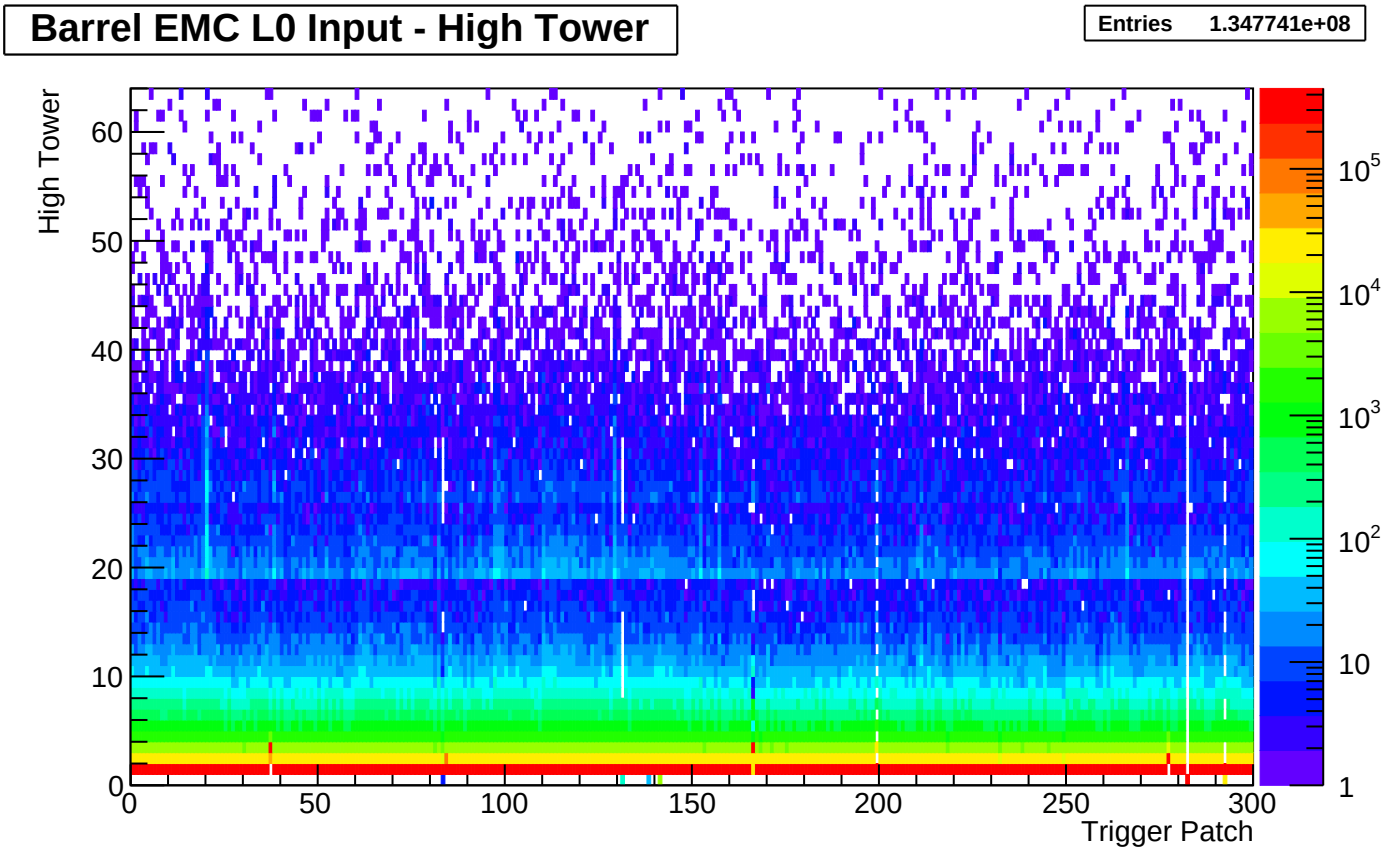
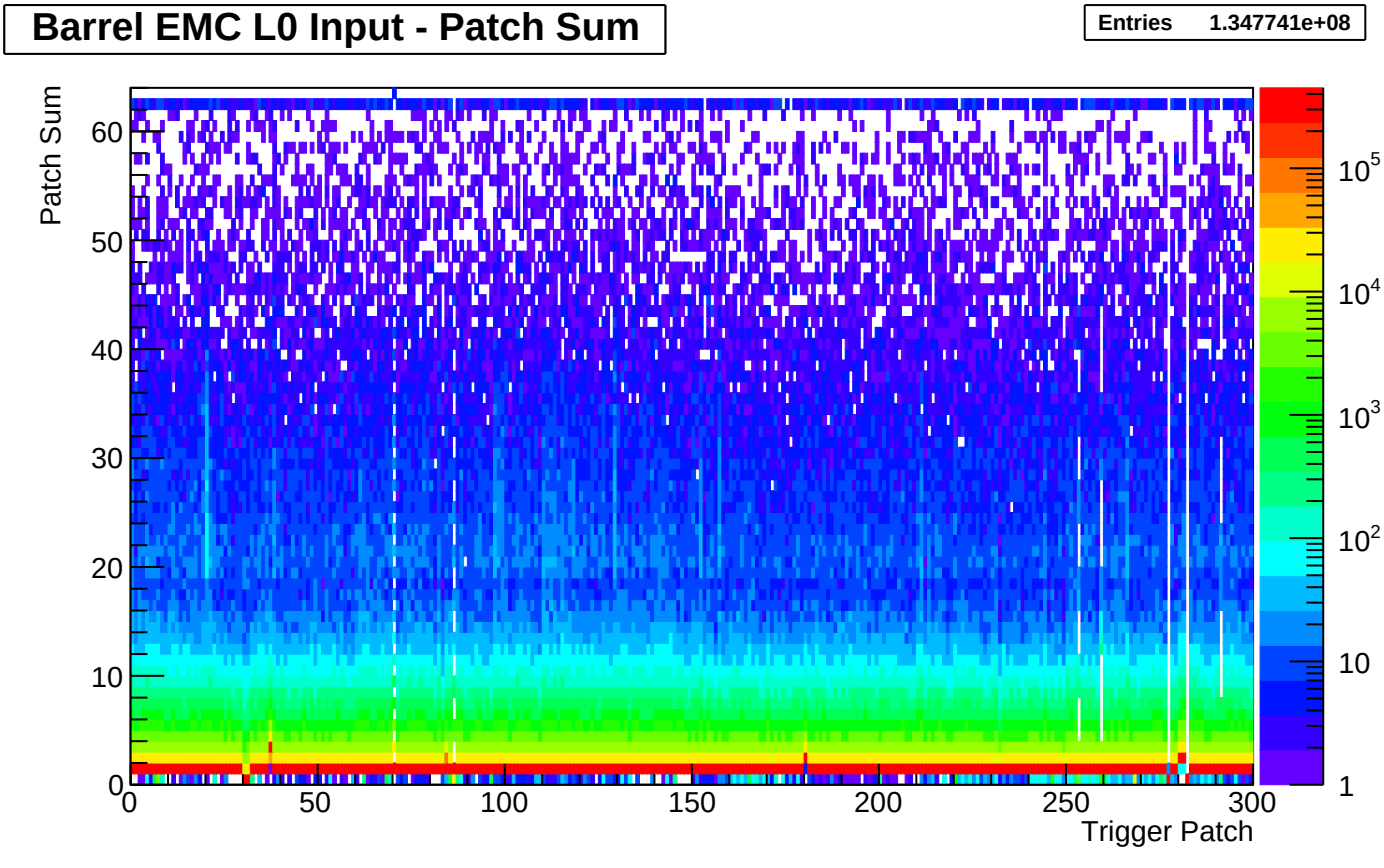
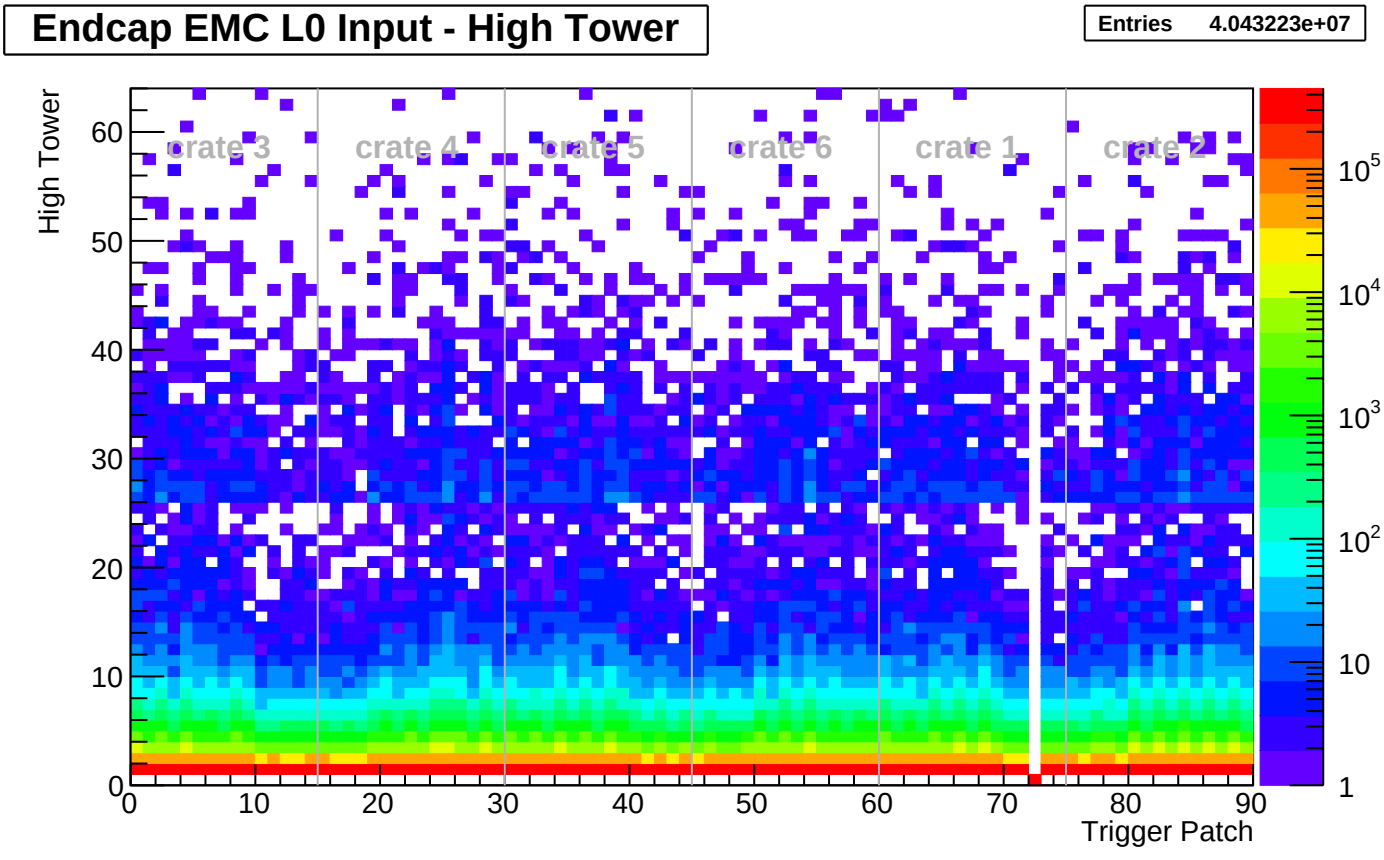
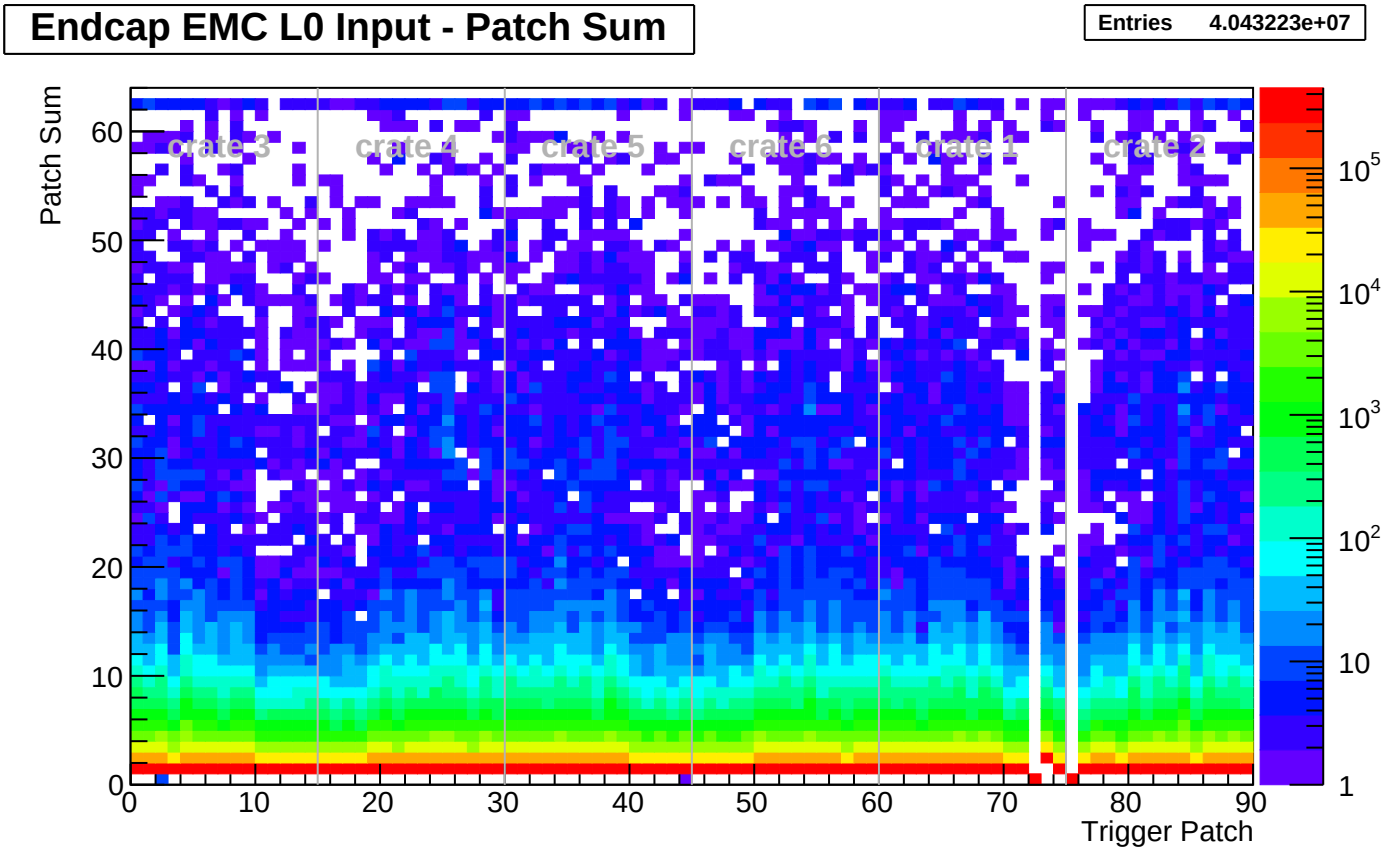
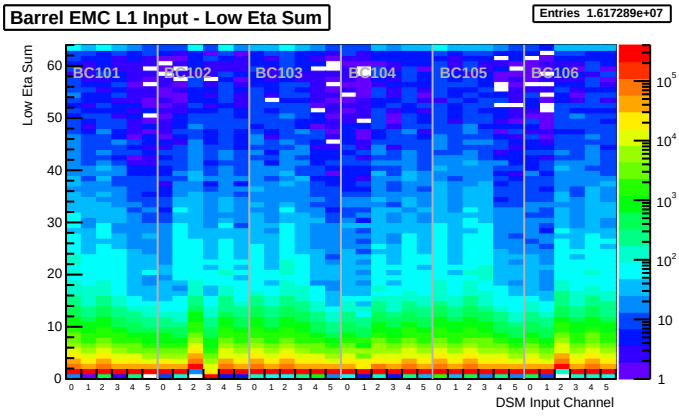
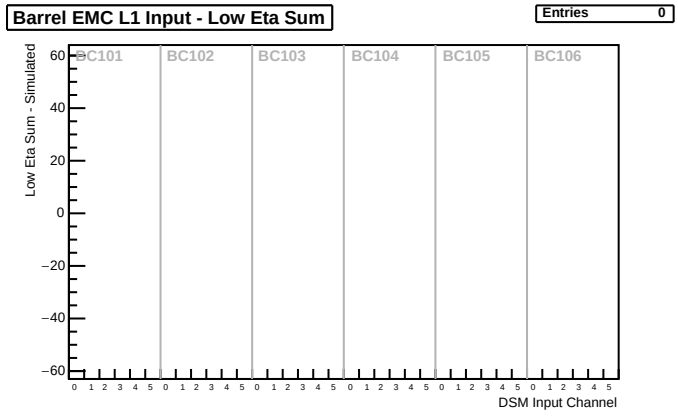

Barrel EMC L0 Input - High Tower
Entries 1.347741e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
$10^2$
$10^3$
$10^4$
$10^5$

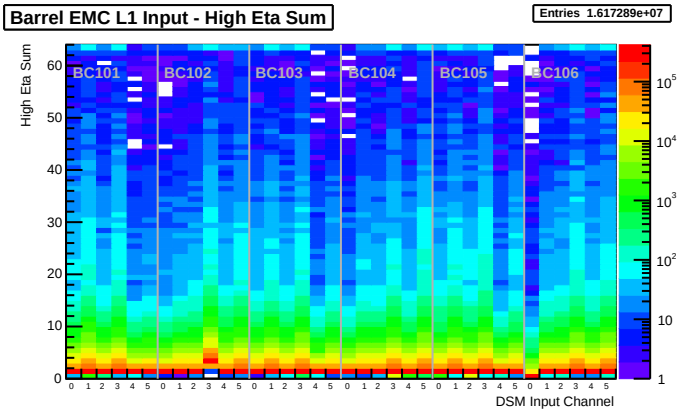

Barrel EMC L0 Input - Patch Sum
Entries 1.347741e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
$10^2$
$10^3$
$10^4$
$10^5$

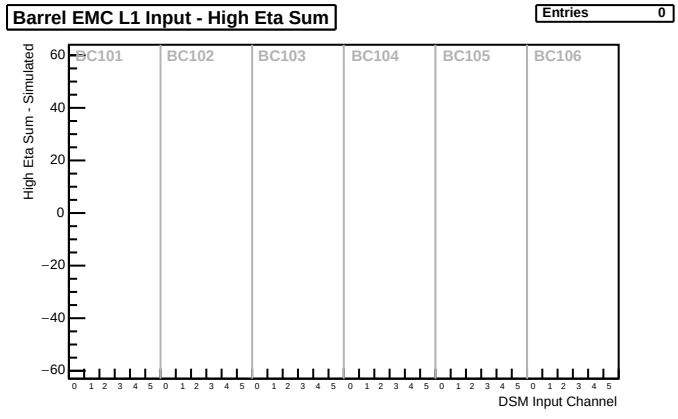

Endcap EMC L0 Input - High Tower
Entries 4.043223e+07
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

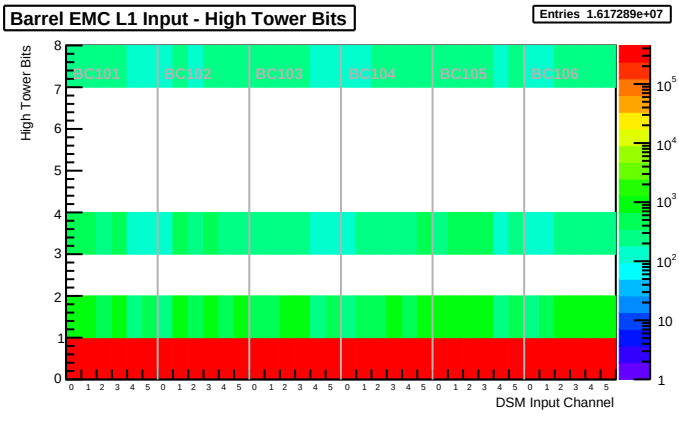

Endcap EMC L0 Input - Patch Sum
Entries 4.043223e+07
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

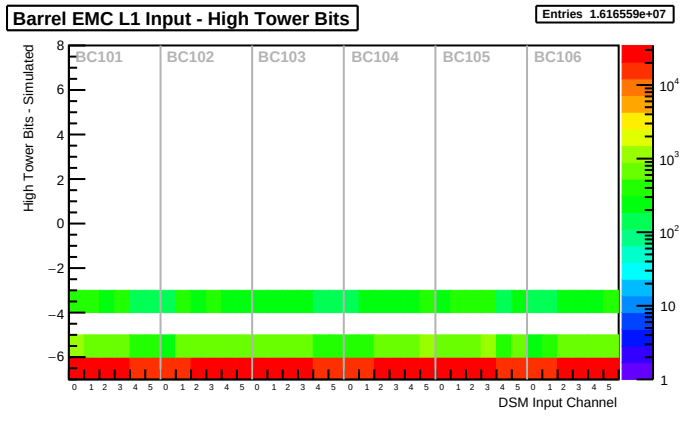

Barrel EMC L1 Input - Low Eta Sum
Entries 1.617289e+07
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

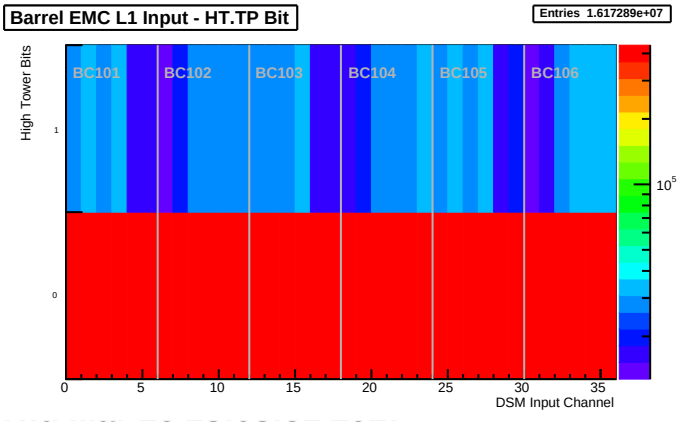

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

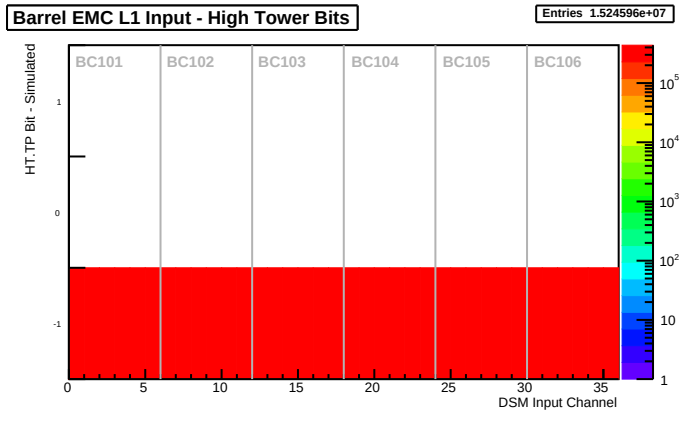

Barrel EMC L1 Input - High Eta Sum
Entries 1.617289e+07
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

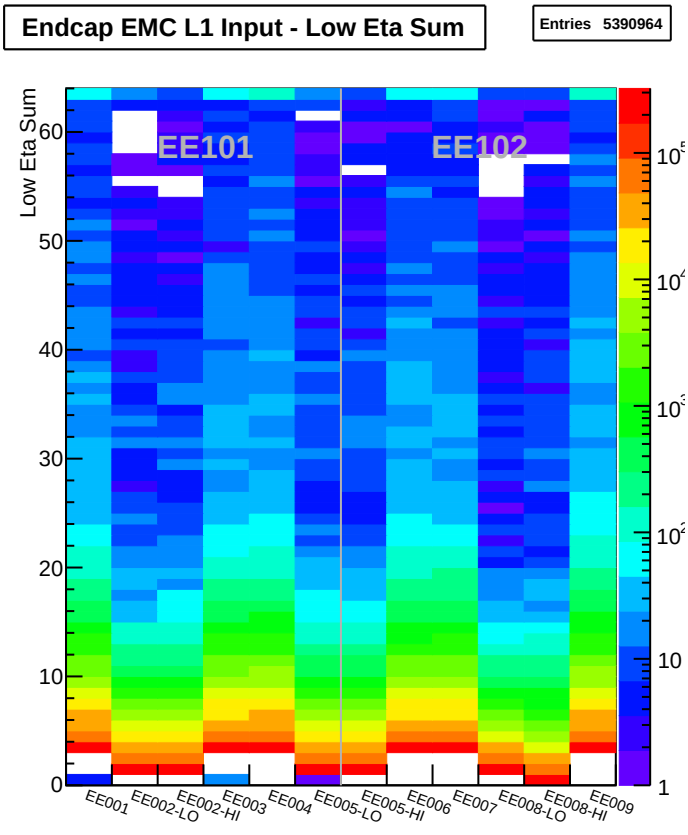

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

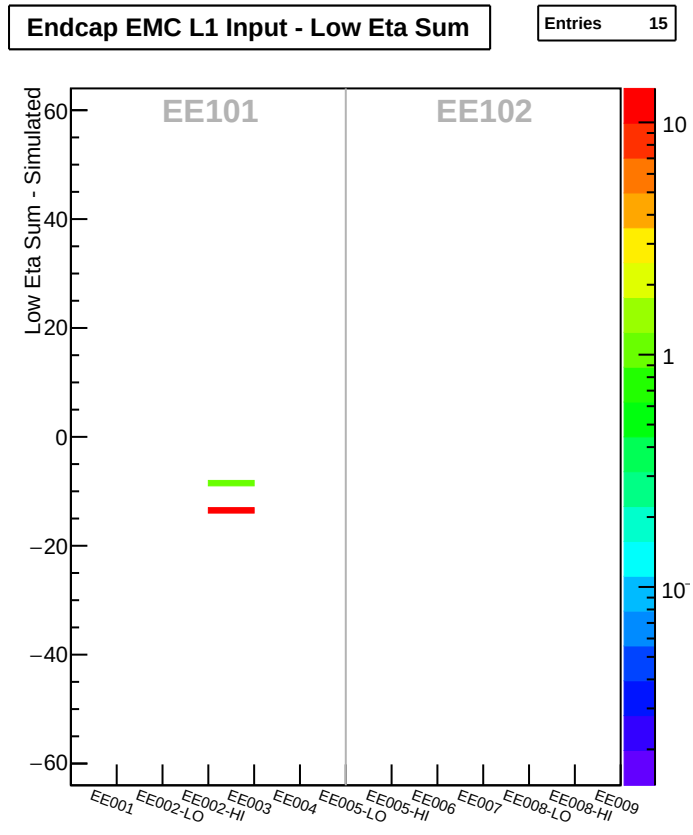

Barrel EMC L1 Input - High Tower Bits
Entries 1.617289e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

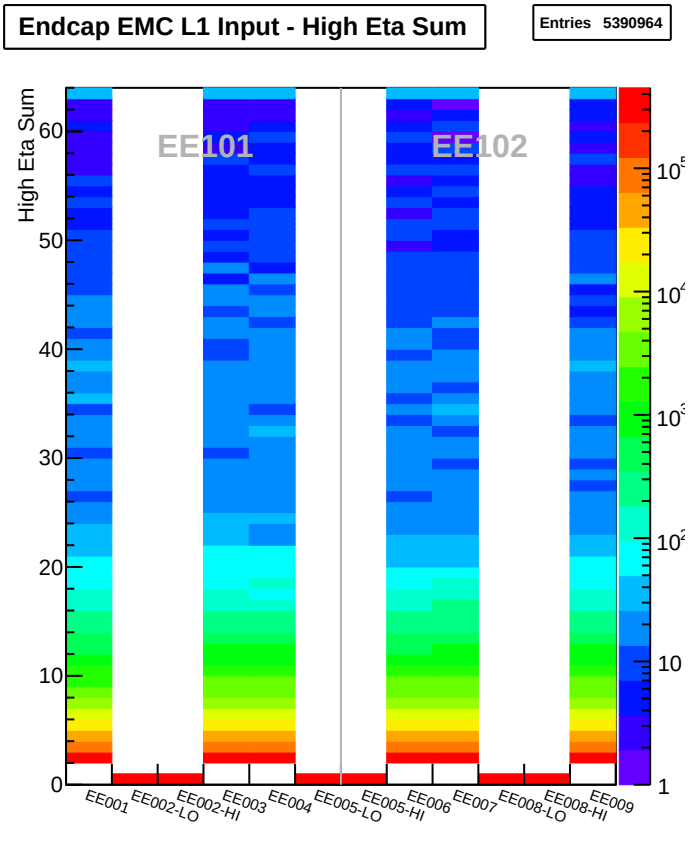

Barrel EMC L1 Input - High Tower Bits
Entries 1.616559e+07
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

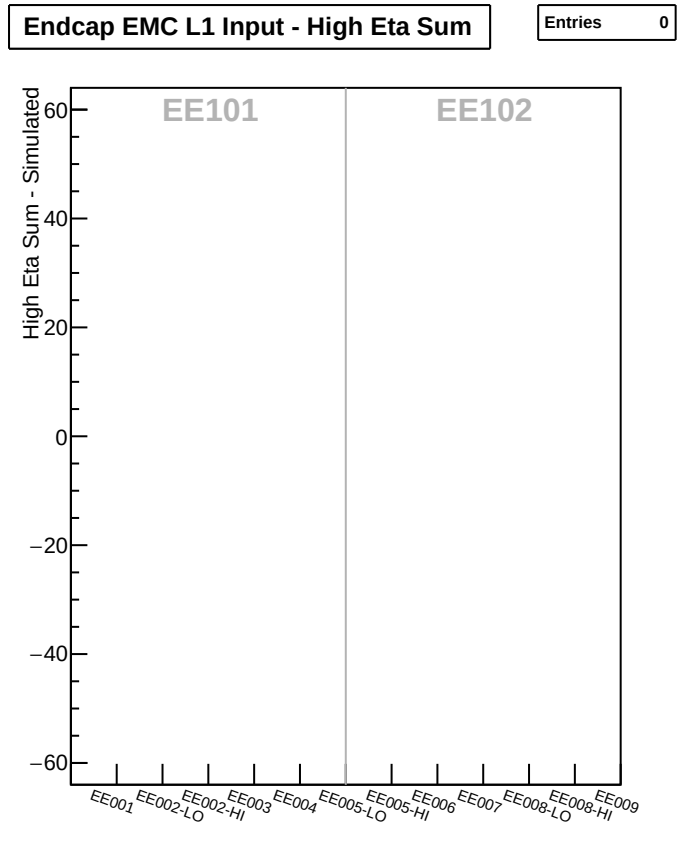

Barrel EMC L1 Input - HT.TP Bit
Entries 1.617289e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

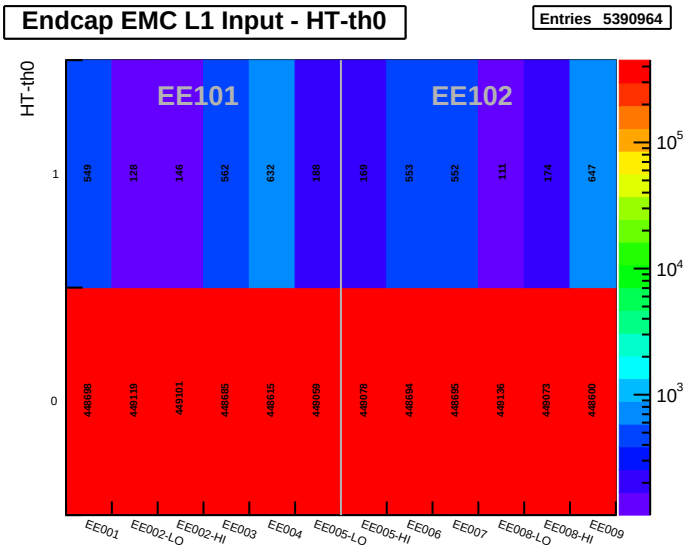

Barrel EMC L1 Input - High Tower Bits
Entries 1.524596e+07
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

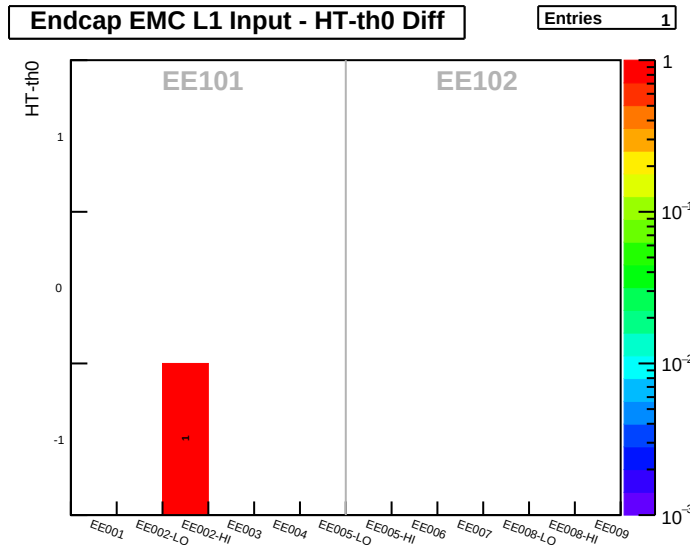

Endcap EMC L1 Input - Low Eta Sum
Entries 5390964
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

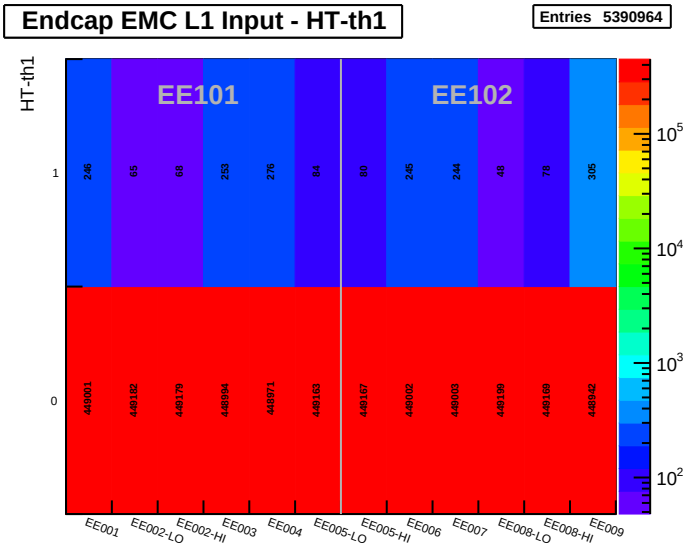

Endcap EMC L1 Input - Low Eta Sum
Entries 15
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

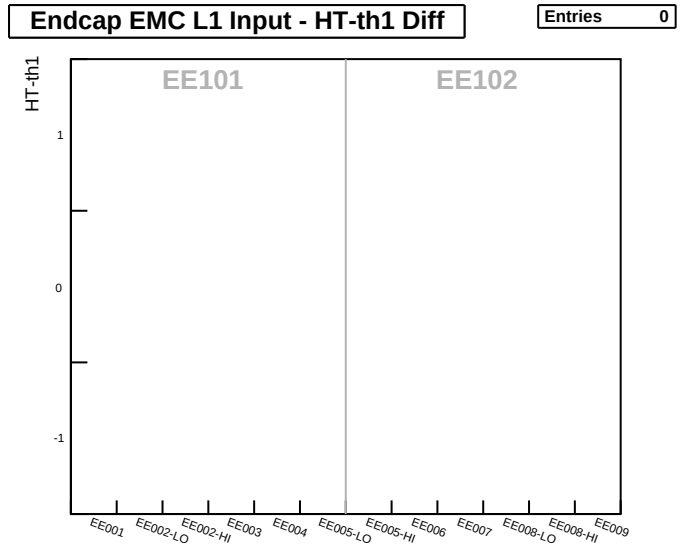

Endcap EMC L1 Input - High Eta Sum
Entries 5390964
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

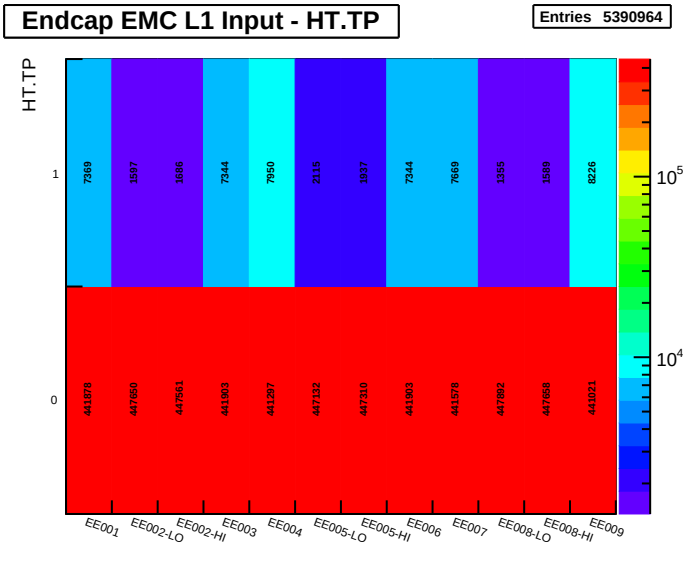

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

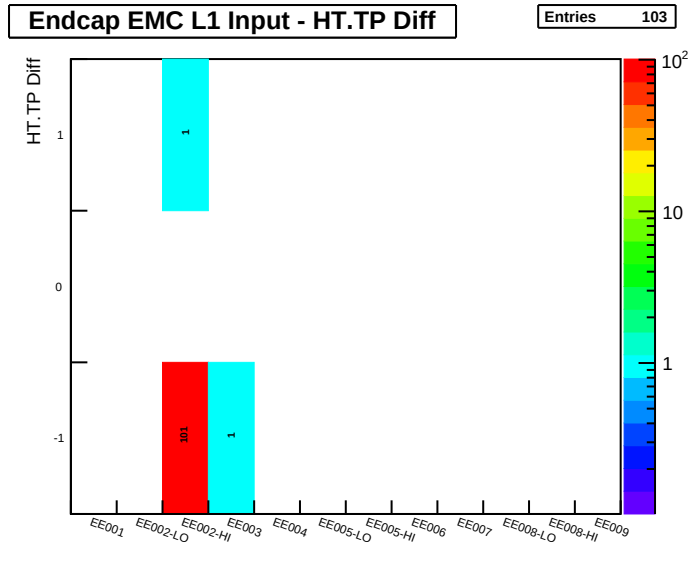

Endcap EMC L1 Input - HT-th0
Entries 5390964
HT-th0
EE101
EE102
549 128 146 562 632 188 169 553 552 111 174 647
448698 449119 449101 448685 448615 449059 449078 448694 448695 449136 449073 448600
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

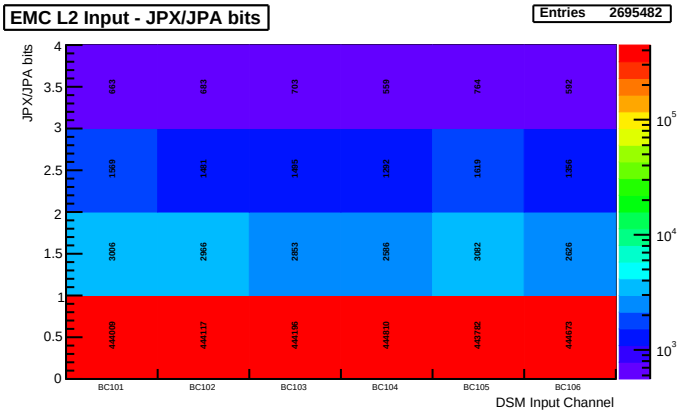

Endcap EMC L1 Input - HT-th0 Diff
Entries 1
HT-th0
EE101
EE102
1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

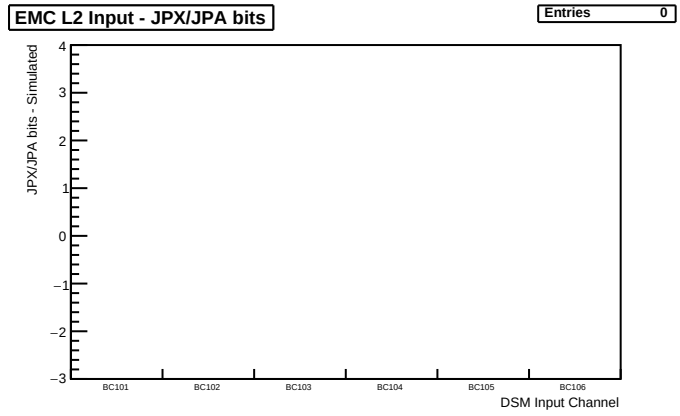

Endcap EMC L1 Input - HT-th1
Entries 5390964
HT-th1
EE101
EE102
246 65 68 253 276 84 80 245 244 48 78 305
449001 448182 448179 448994 448971 449163 448167 449002 449003 449139 449169 448942
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

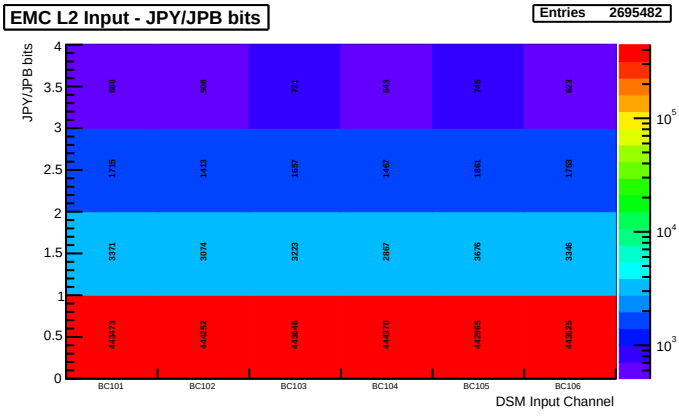

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
HT-th1
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

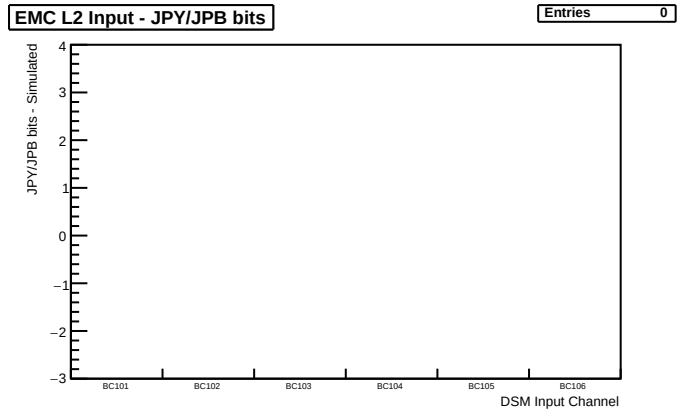

Endcap EMC L1 Input - HT.TP
Entries 5390964
HT.TP
7369 1597 1686 7344 7950 2115 1937 7344 7669 1355 1589 8226
441878 447650 447561 441903 441297 447132 447310 441903 441578 447832 447658 441021
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

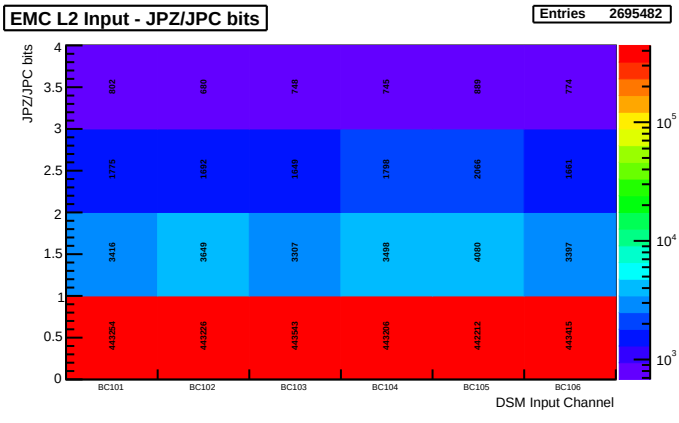

Endcap EMC L1 Input - HT.TP Diff
Entries 103
HT.TP Diff
1
101
1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

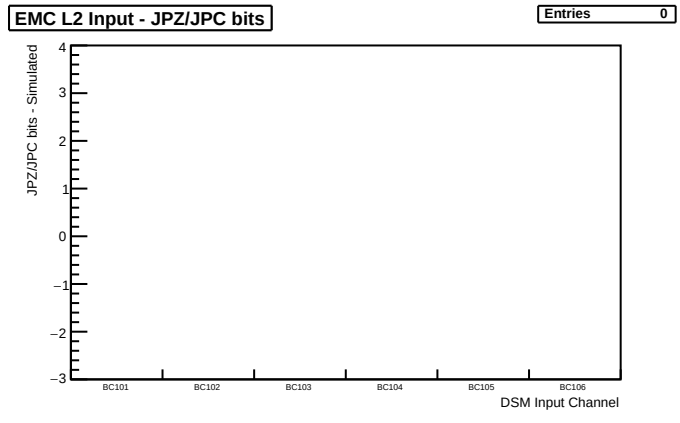

EMC L2 Input - JPX/JPA bits
Entries 2695482
JPX/JPA bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106
663 683 703 559 764 592
1569 1481 1495 1292 1619 1356
3006 2966 2853 2986 3082 2626
44009 44117 44196 44810 44782 44673

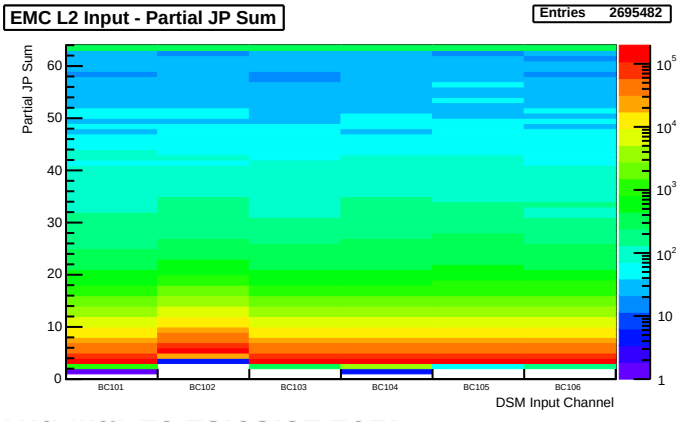

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106

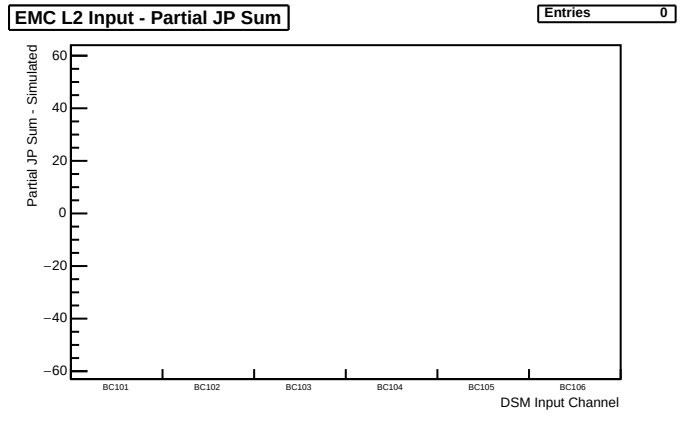

EMC L2 Input - JPY/JPB bits
Entries 2695482
JPY/JPB bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106
688 508 721 543 745 623
1715 1413 1657 1467 1861 1753
3371 3074 3223 2867 3676 3346
44473 44252 44846 44470 44965 44525

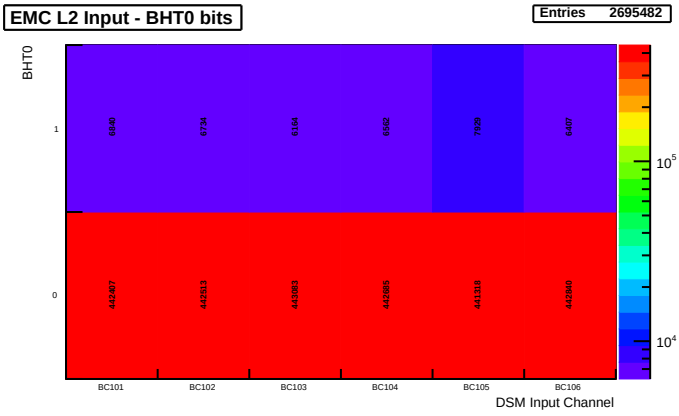

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106

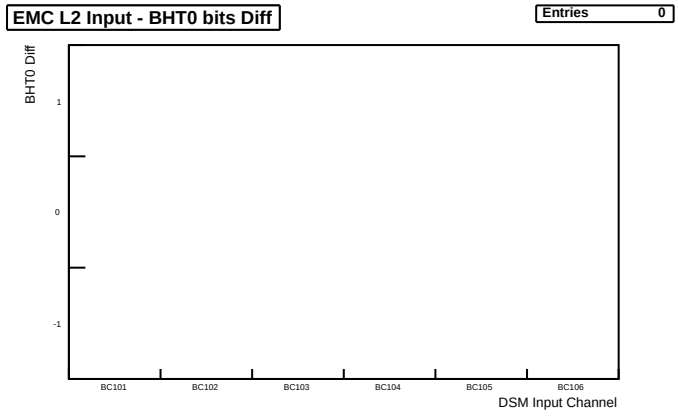

EMC L2 Input - JPZ/JPC bits
Entries 2695482
JPZ/JPC bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106
802 690 748 745 839 774
1775 1692 1649 1798 2066 1661
3416 3649 3307 3498 4080 3397
44254 44226 44543 44206 44212 44415

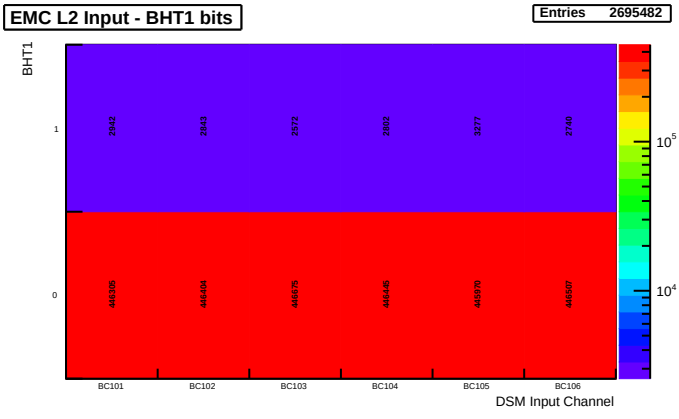

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106

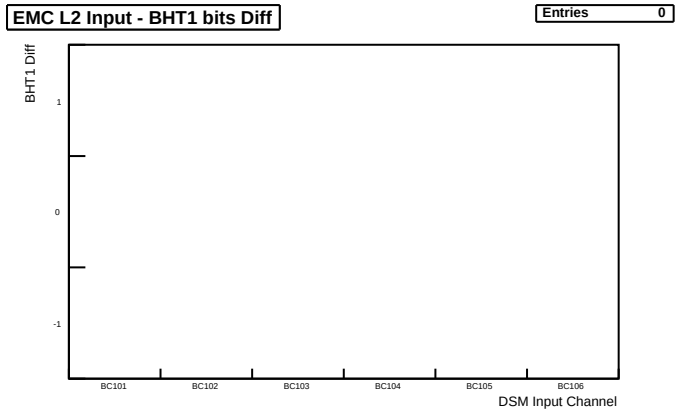

EMC L2 Input - Partial JP Sum
Entries 2695482
Partial JP Sum
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106

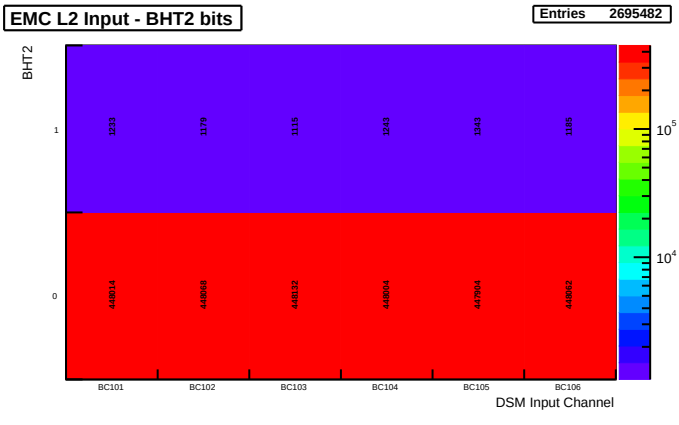

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106

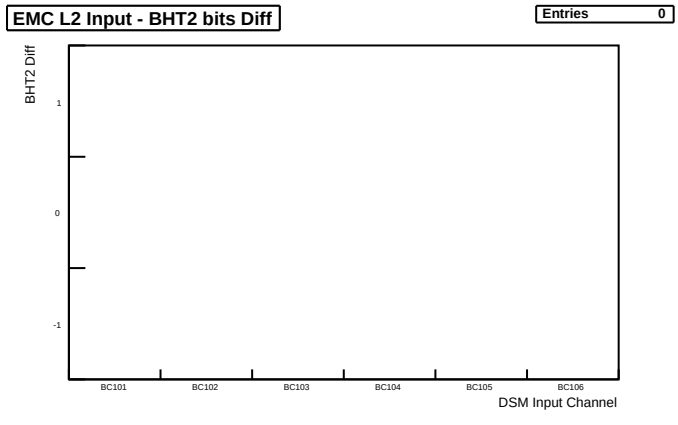

EMC L2 Input - BHT0 bits
Entries 2695482
BHT0
1
0
6840
6734
6154
6552
7929
6407
442407
442513
443093
442695
441318
442840
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
$10^5$
$10^4$

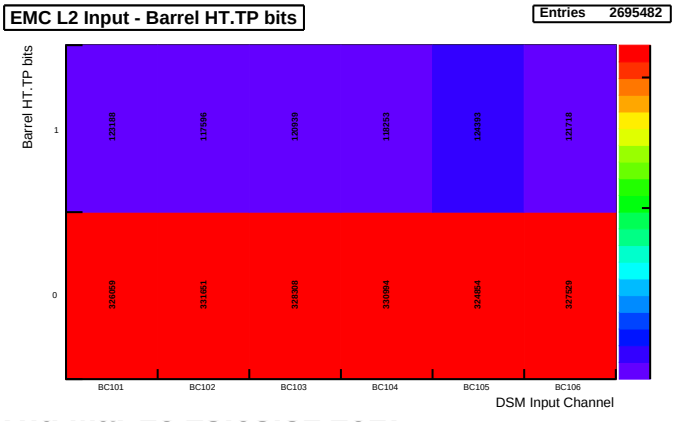

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

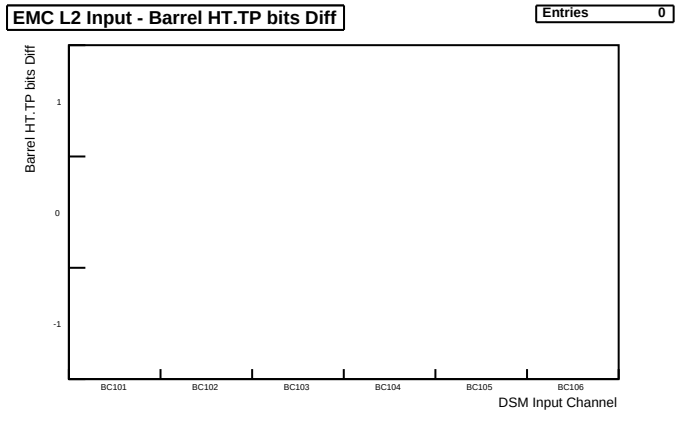

EMC L2 Input - BHT1 bits
Entries 2695482
BHT1
1
0
2942
2943
2572
2802
3277
2740
446305
446404
446675
446445
445970
446507
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
$10^5$
$10^4$

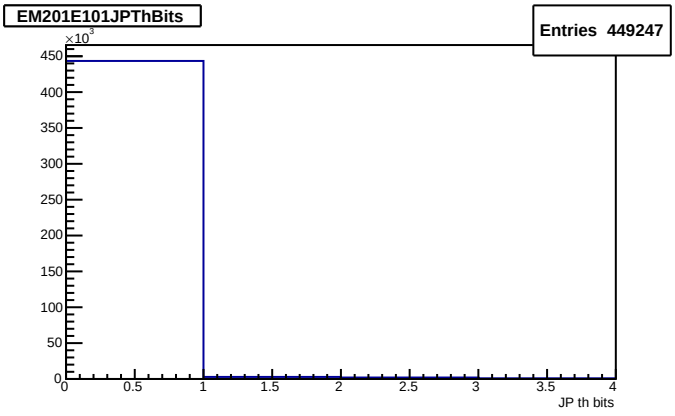

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

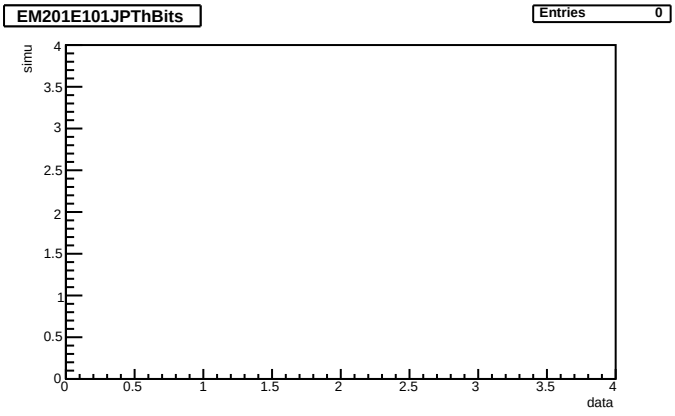

EMC L2 Input - BHT2 bits
Entries 2695482
BHT2
1
0
1233
1179
1115
1243
1343
1185
448014
448068
448132
448004
447904
448052
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
$10^5$
$10^4$

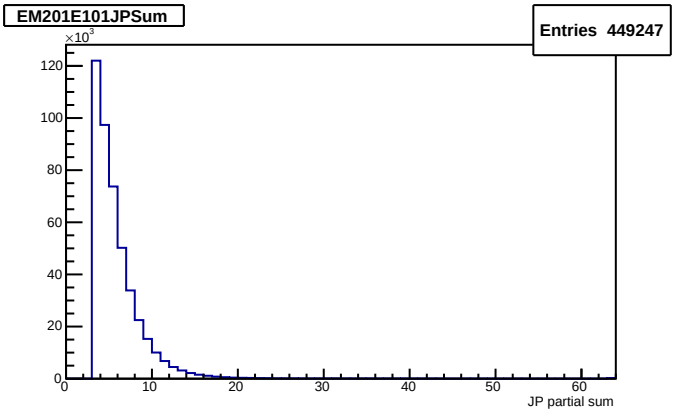

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

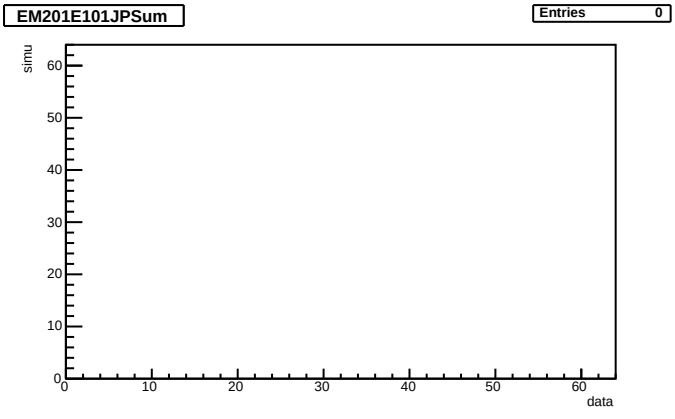

EMC L2 Input - Barrel HT.TP bits
Entries 2695482
Barrel HT.TP bits
1
0
123188
117596
120939
123253
124593
121718
326069
331651
328308
329984
324654
327529
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

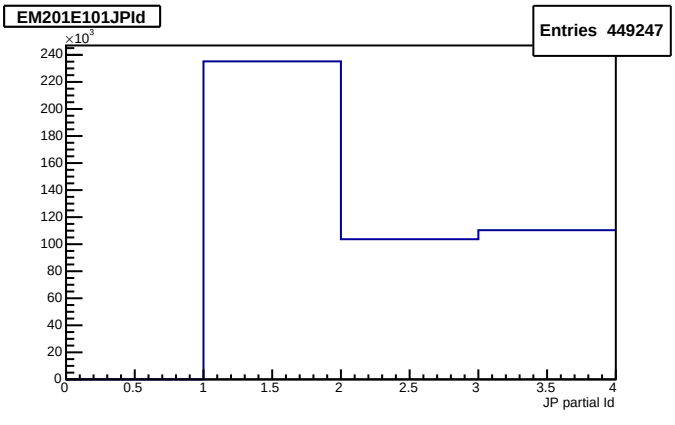

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

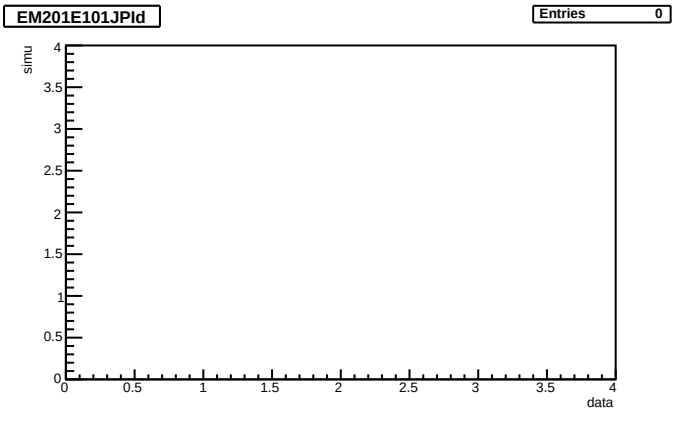

EM201E101JPThBits
Entries 449247
JP th bits

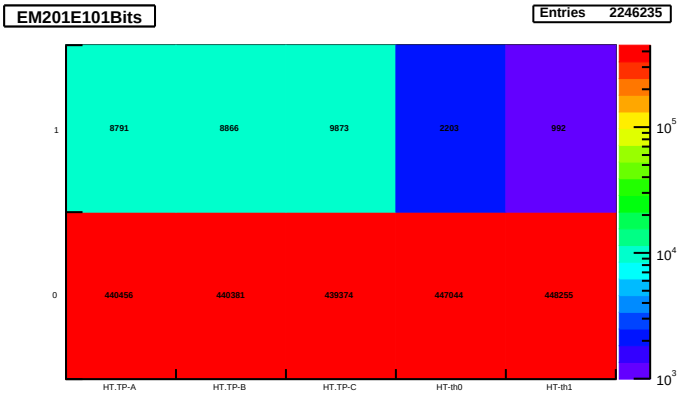

EM201E101JPThBits
Entries 0
simu
data

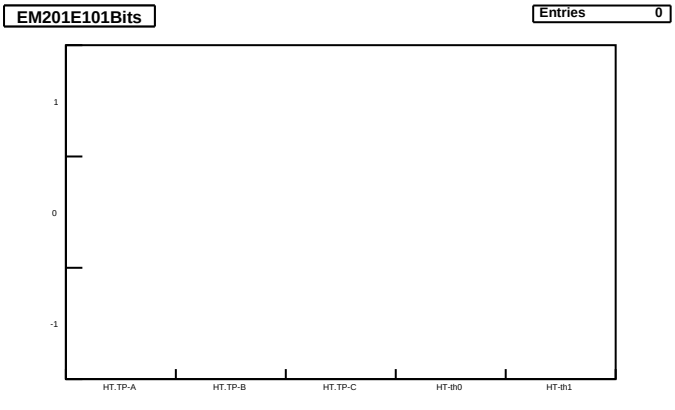

EM201E101JPSum
Entries 449247
JP partial sum

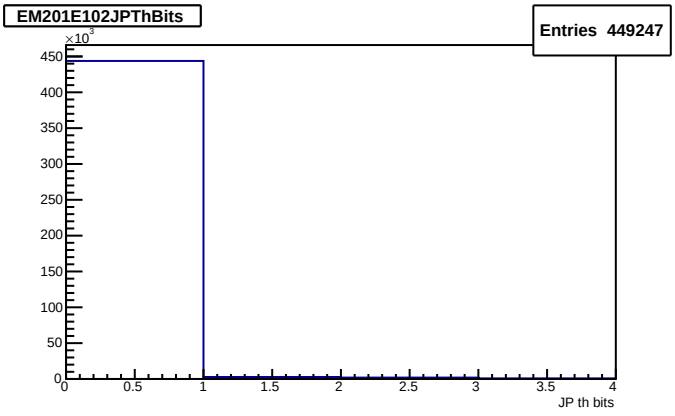

EM201E101JPSum
Entries 0
simu
data

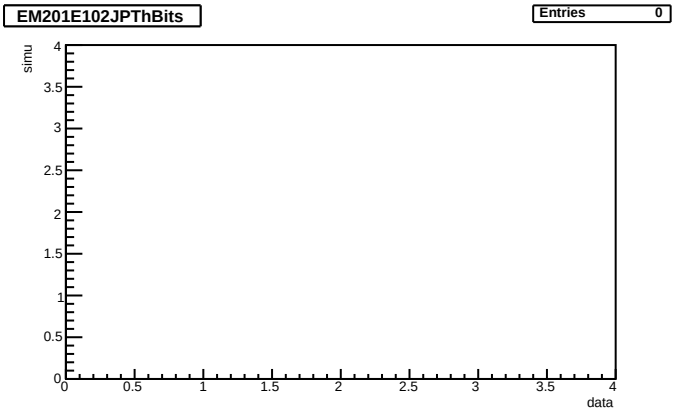

EM201E101JPId
Entries 449247
JP partial Id

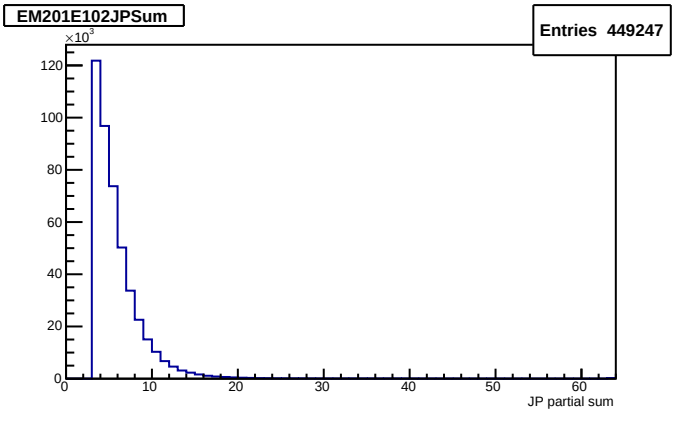

EM201E101JPId
Entries 0
simu
data

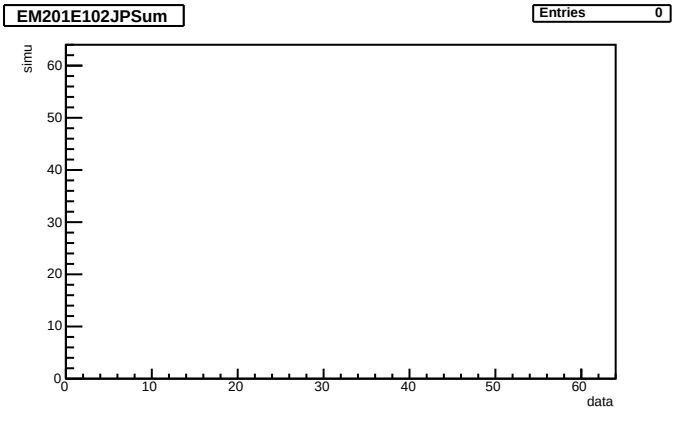

EM201E101Bits
Entries 2246235
8791
8866
9873
2203
992
440456
440381
439374
447044
448255
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

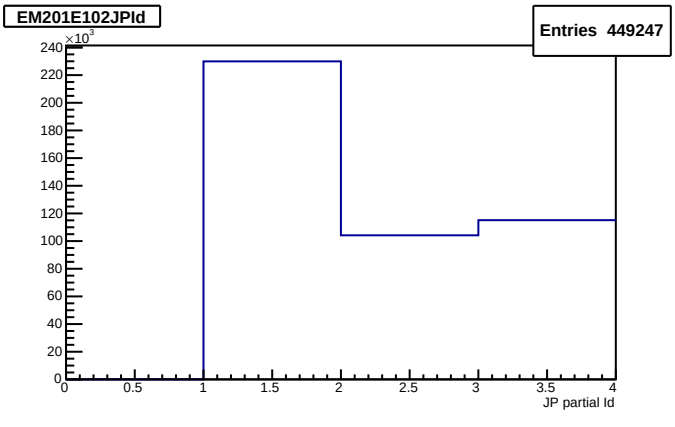

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

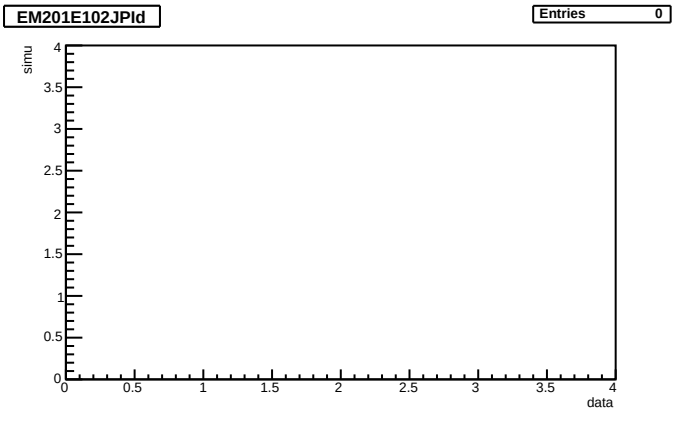

EM201E102JPThBits
Entries 449247
JP th bits

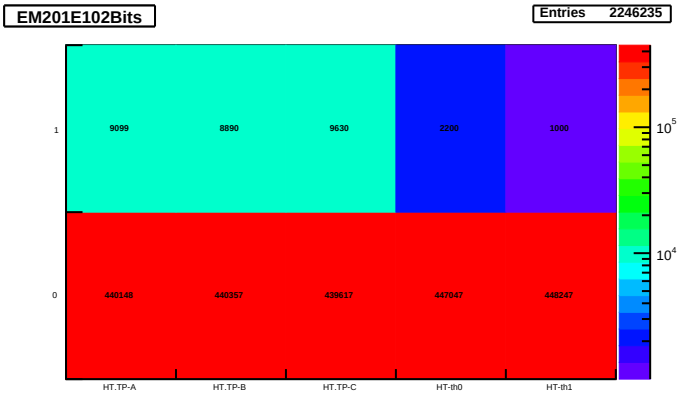

EM201E102JPThBits
Entries 0
simu
data

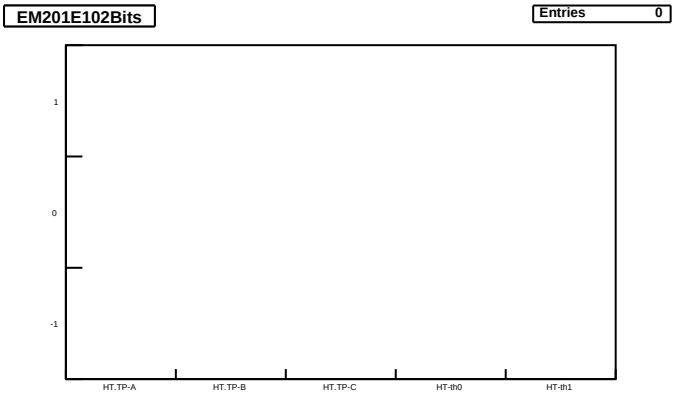

EM201E102JPSum
Entries 449247
JP partial sum

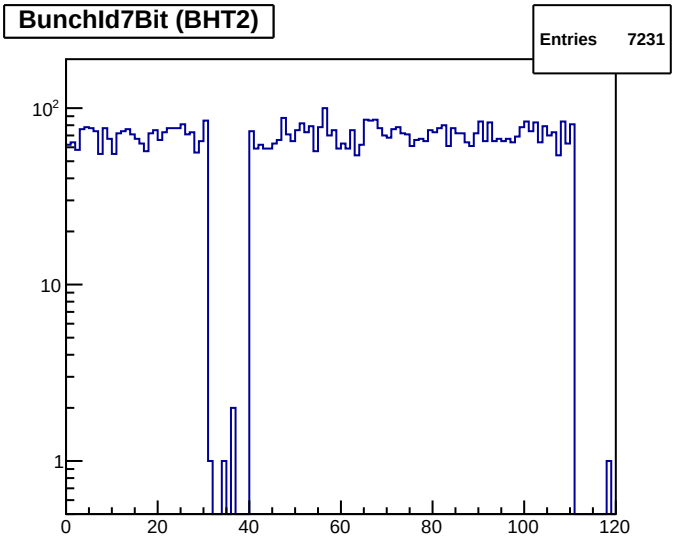

EM201E102JPSum
Entries 0
simu
data

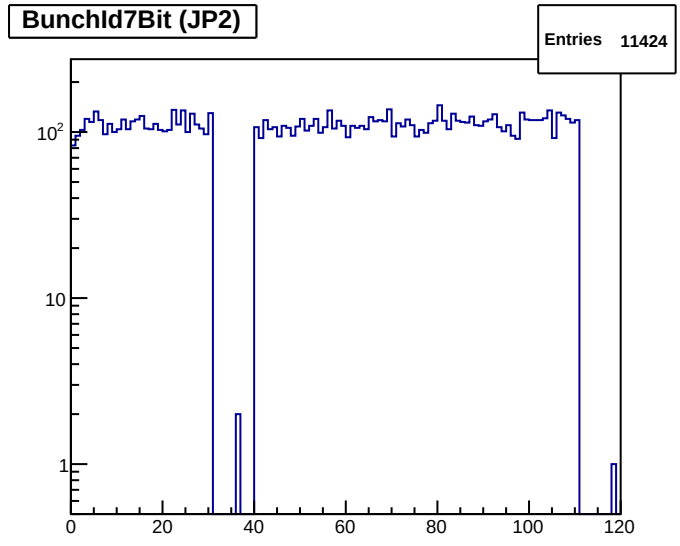

EM201E102JPId
Entries 449247
JP partial Id

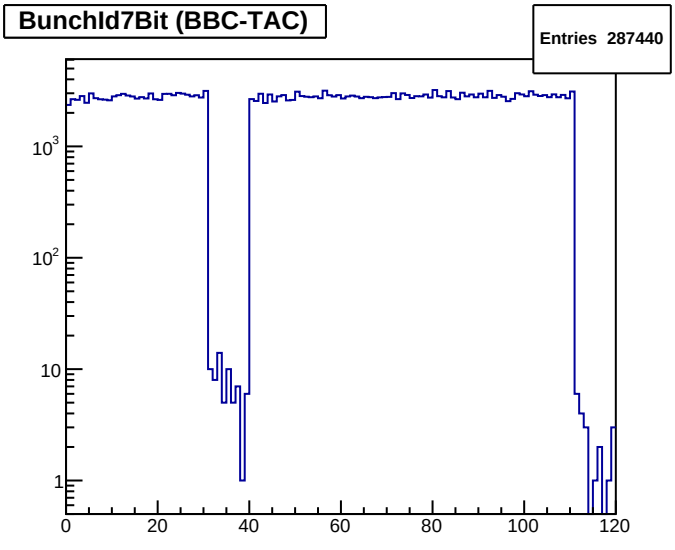

EM201E102JPId
Entries 0
simu
data

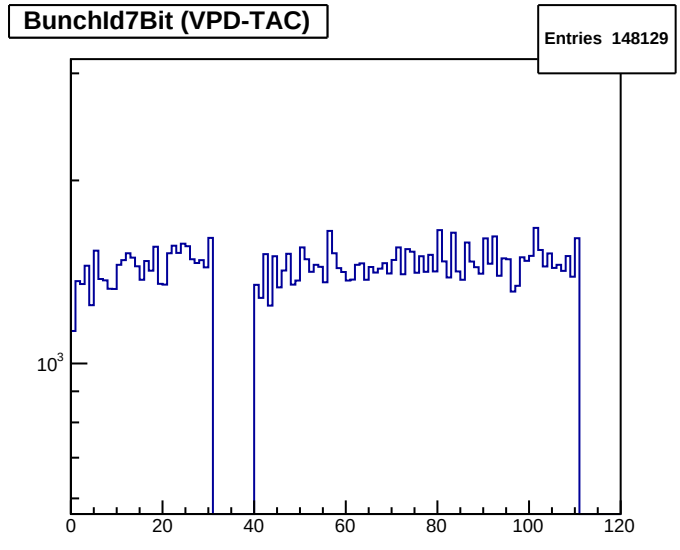

EM201E102Bits
Entries 2246235
9099
8890
9630
2200
1000
440148
440357
439617
447047
448247
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

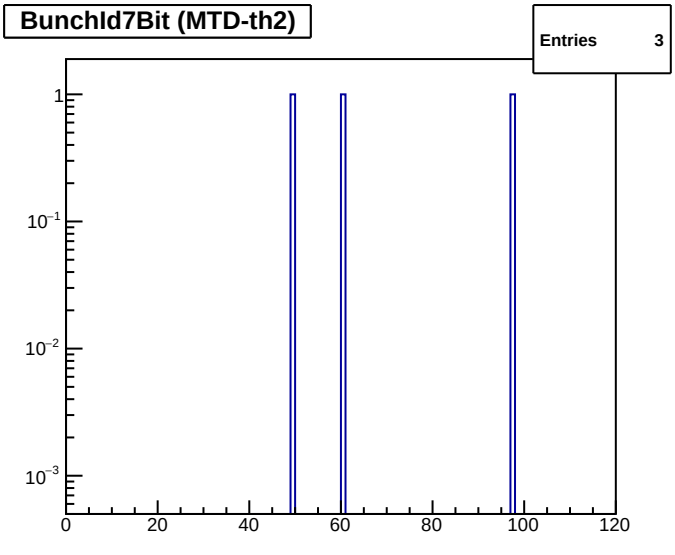

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

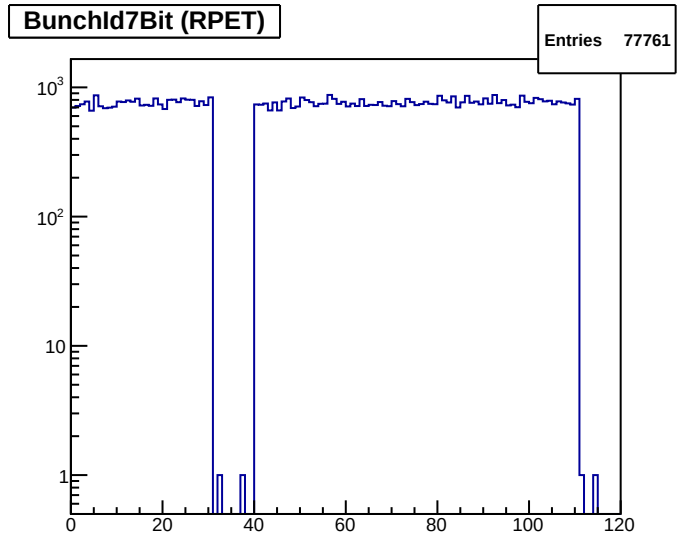

BunchId7Bit (BHT2)
Entries 7231

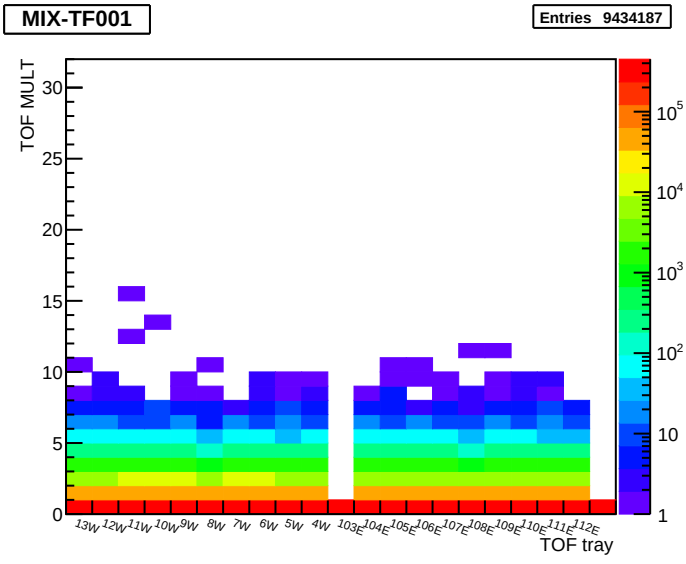

BunchId7Bit (JP2)
Entries 11424

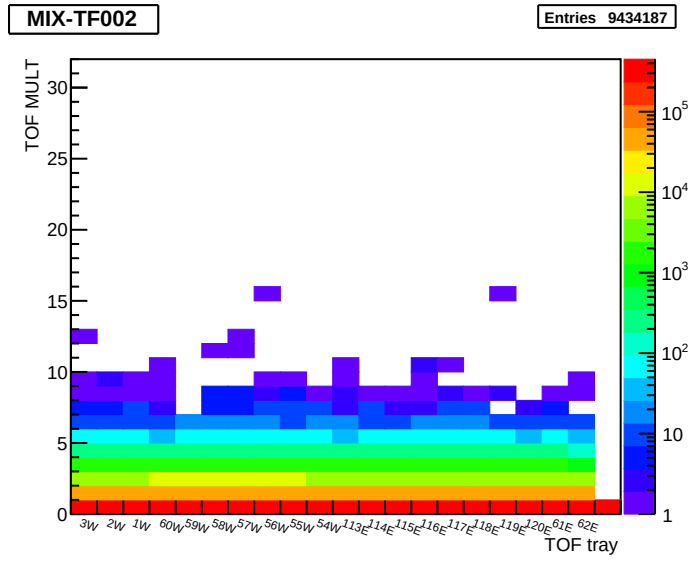

BunchId7Bit (BBC-TAC)
Entries 287440

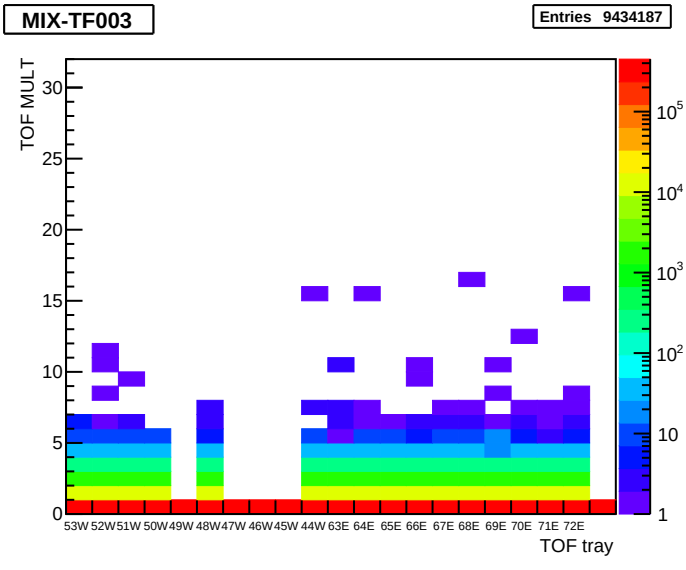

BunchId7Bit (VPD-TAC)
Entries 148129

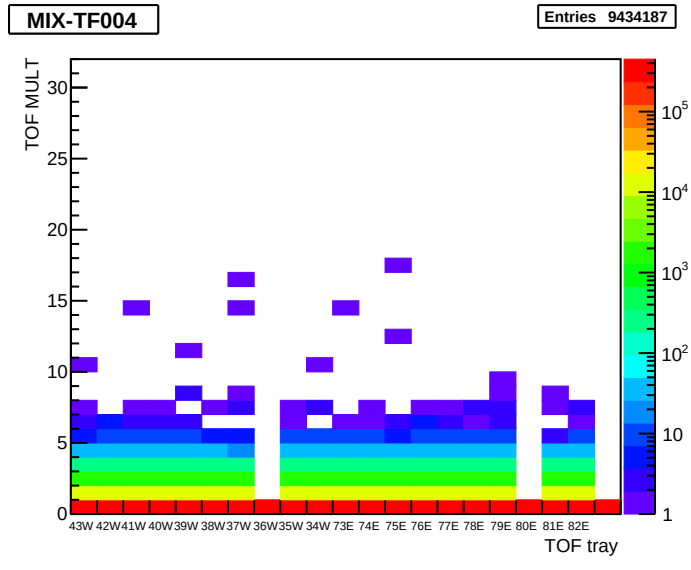

BunchId7Bit (MTD-th2)
Entries 3

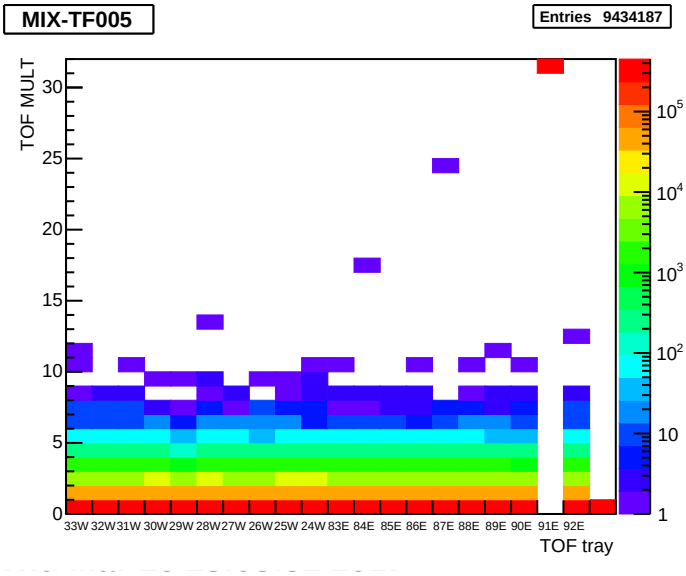

BunchId7Bit (RPET)
Entries 77761

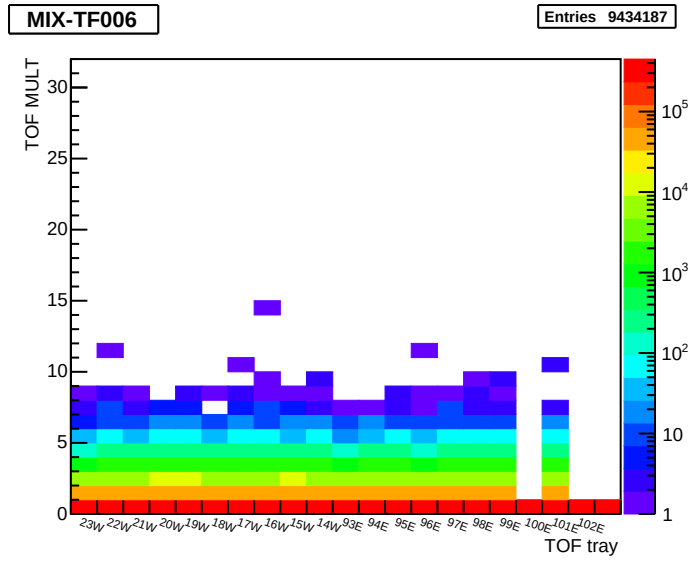

MIX-TF001
Entries 9434187
TOF MULT
TOF tray

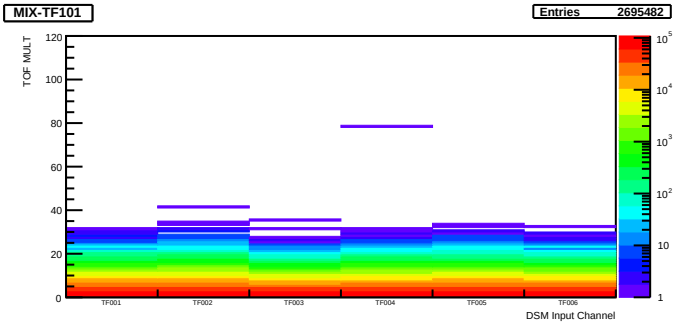

MIX-TF002
Entries 9434187
TOF MULT
TOF tray

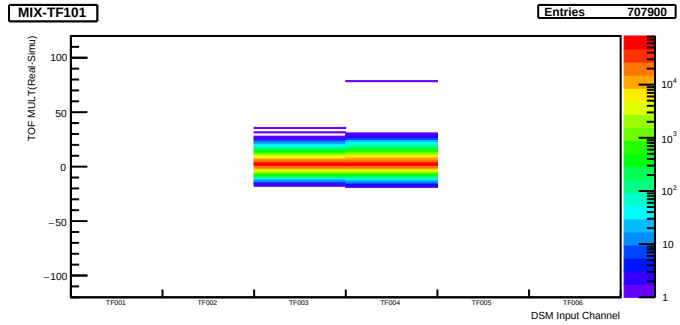

MIX-TF003
Entries 9434187
TOF MULT
TOF tray

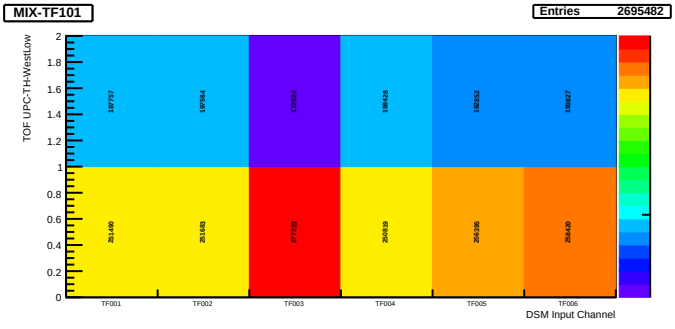

MIX-TF004
Entries 9434187
TOF MULT
TOF tray

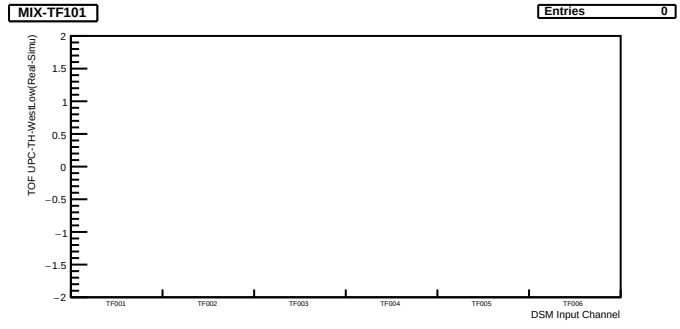

MIX-TF005
Entries 9434187
TOF MULT
TOF tray

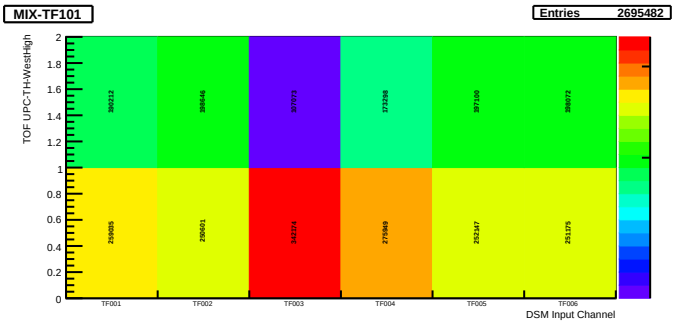

MIX-TF006
Entries 9434187
TOF MULT
TOF tray

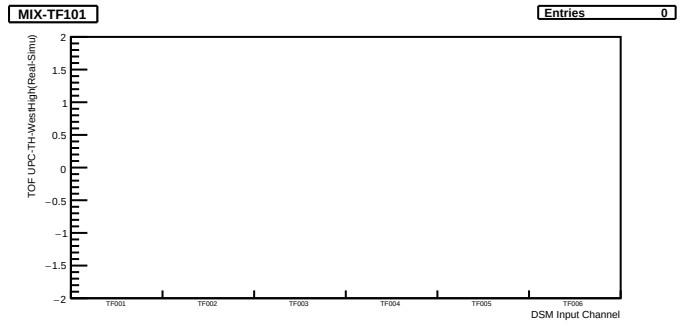

MIX-TF101
Entries 2695482
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

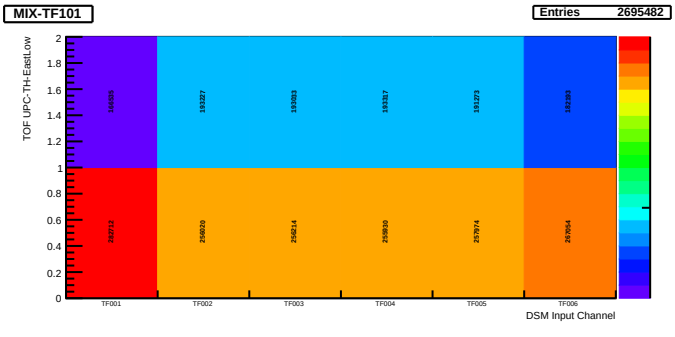

MIX-TF101
Entries 707900
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

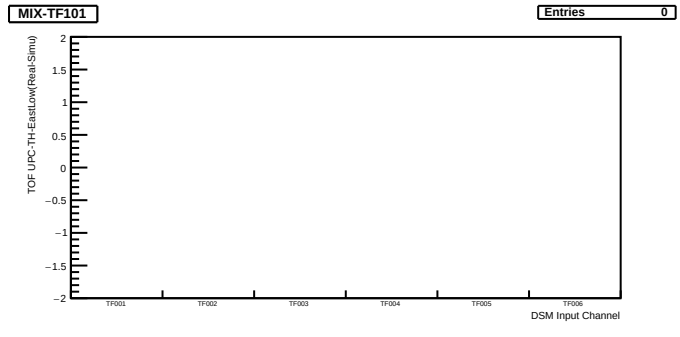

MIX-TF101
Entries 2695482
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

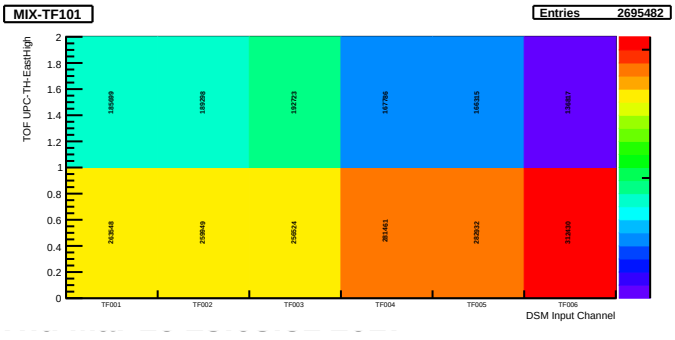

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

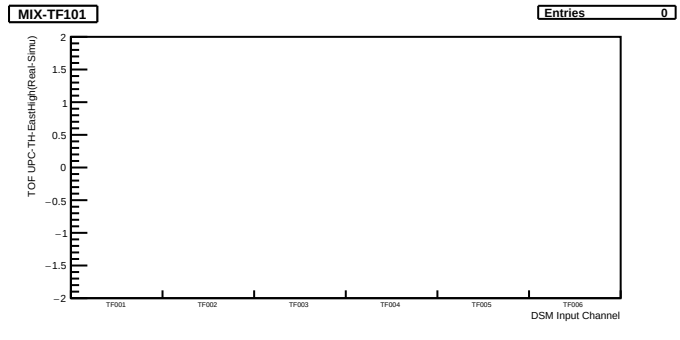

MIX-TF101
Entries 2695482
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

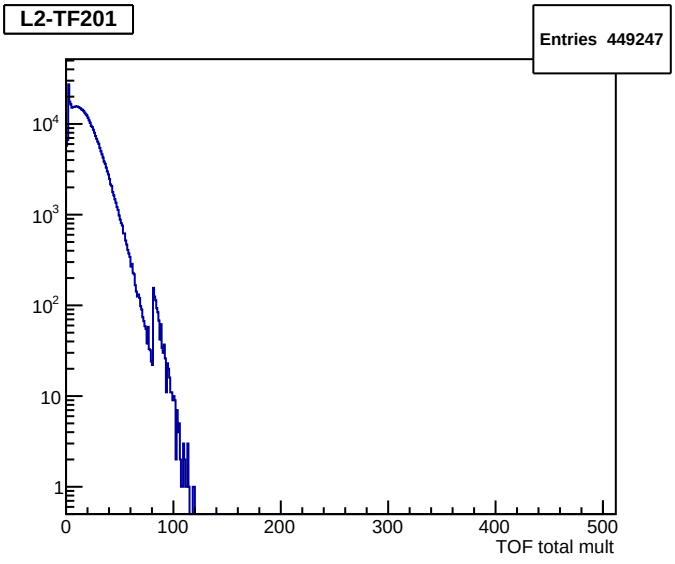

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

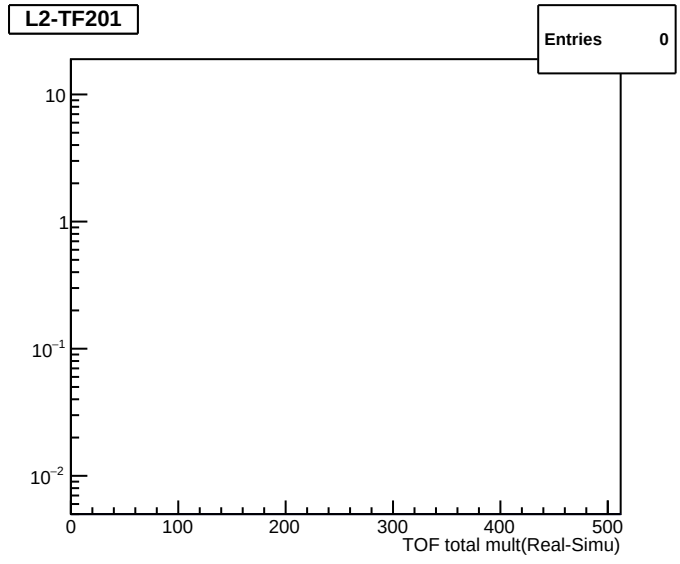

MIX-TF101
Entries 2695482
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

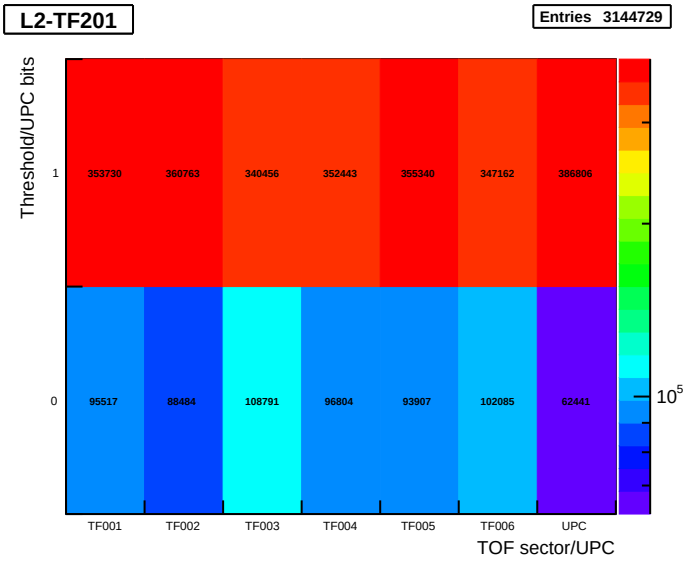

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

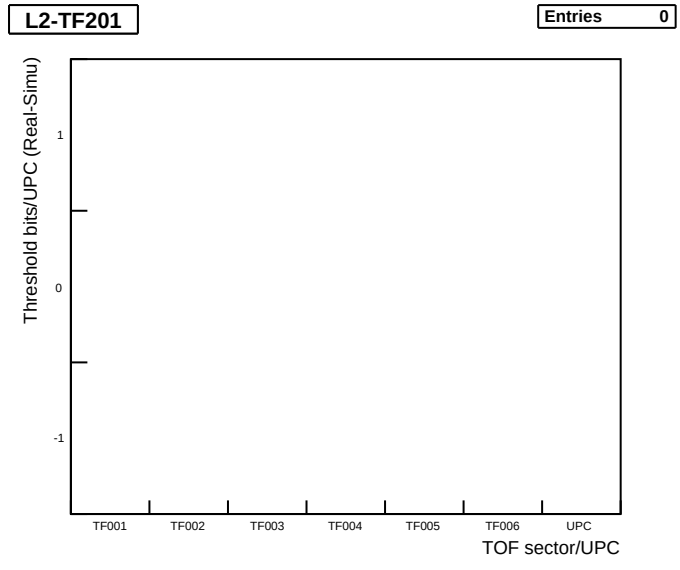

MIX-TF101
Entries 2695482
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

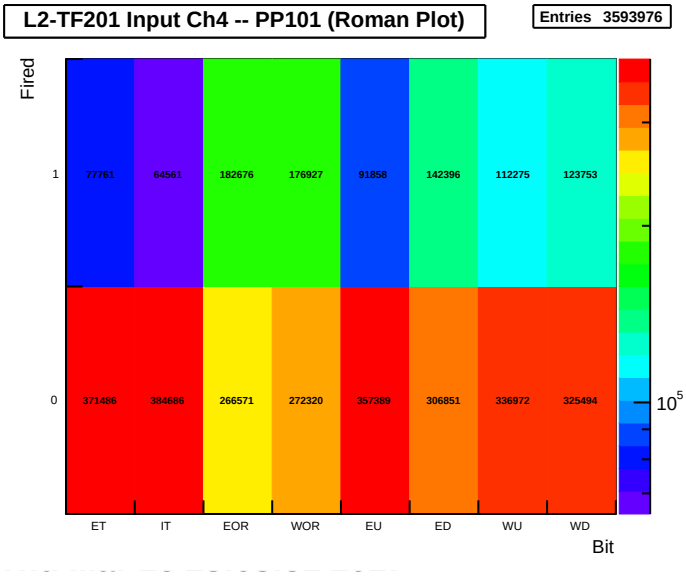

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

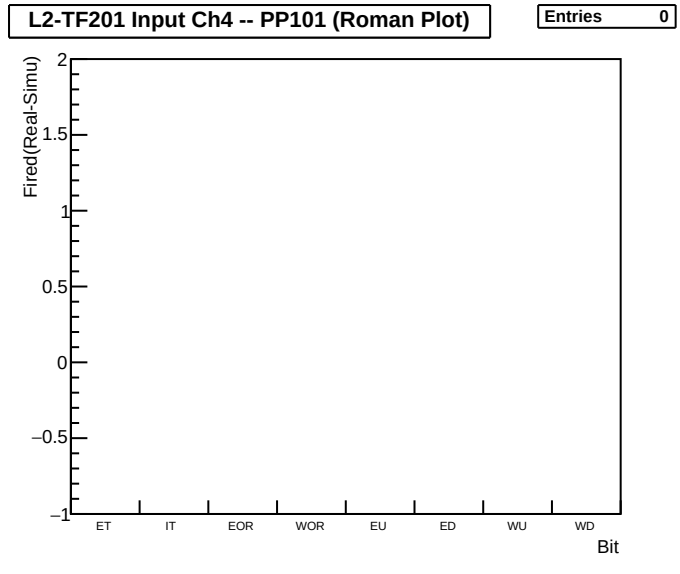

L2-TF201
Entries 449247
TOF total mult

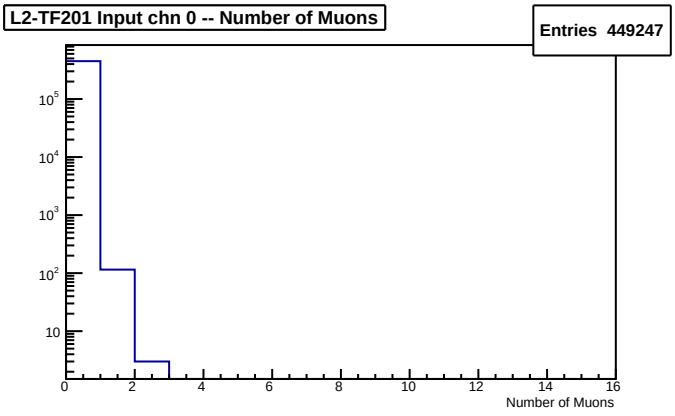

L2-TF201
Entries 0
TOF total mult(Real-Simu)

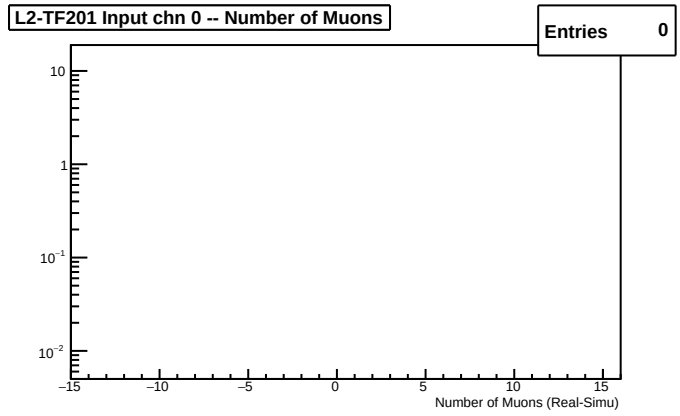

L2-TF201
Entries 3144729
Threshold/UPC bits
353730
360763
340456
352443
355340
347162
386806
95517
88484
108791
96804
93907
102085
62441
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

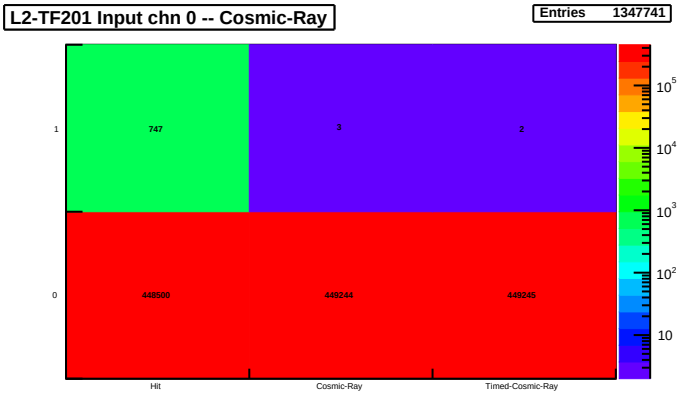

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

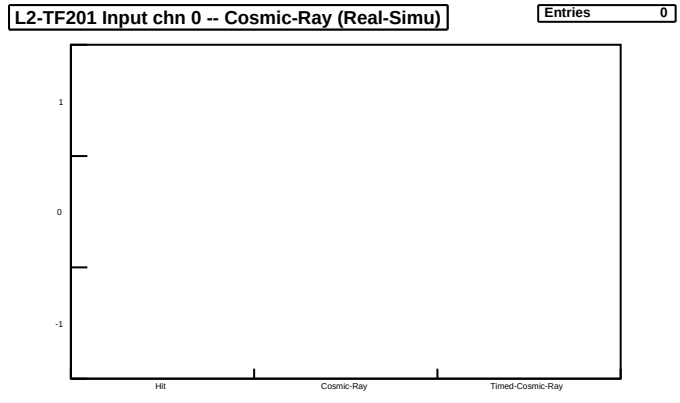

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 3593976
Fired
77761
64561
182676
176927
91858
142396
112275
123753
371486
384686
266571
272320
357389
306851
336972
325494
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

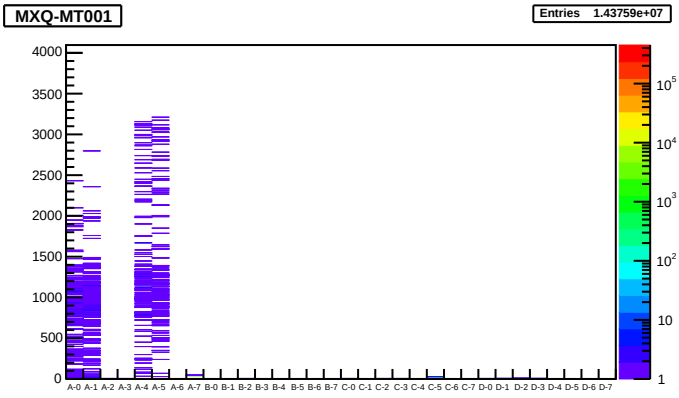

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit


L2-TF201 Input chn 0 -- Number of Muons
Entries 449247
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 1347741
747
3
2
448500
449244
449245
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 1.43759e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
$10^5$
$10^4$
$10^3$
$10^2$
10
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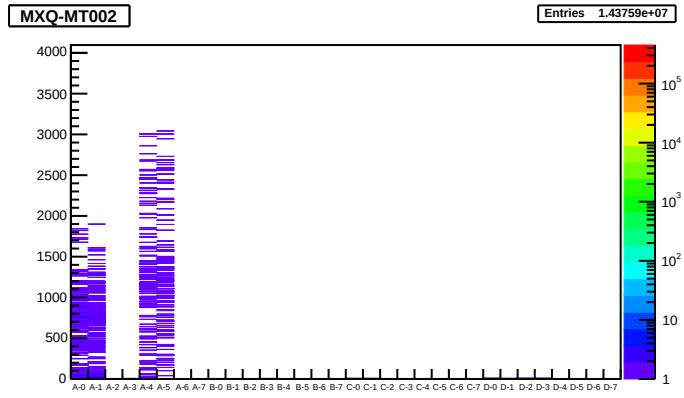
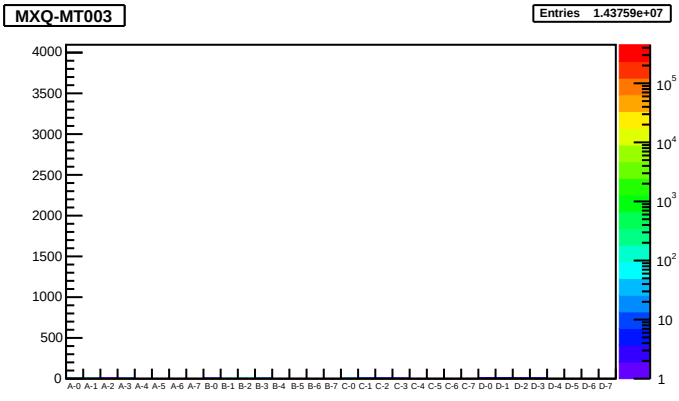

MXQ-MT002
Entries 1.43759e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
$10^5$
$10^4$
$10^3$
$10^2$
10
1


MXQ-MT003
Entries 1.43759e+07
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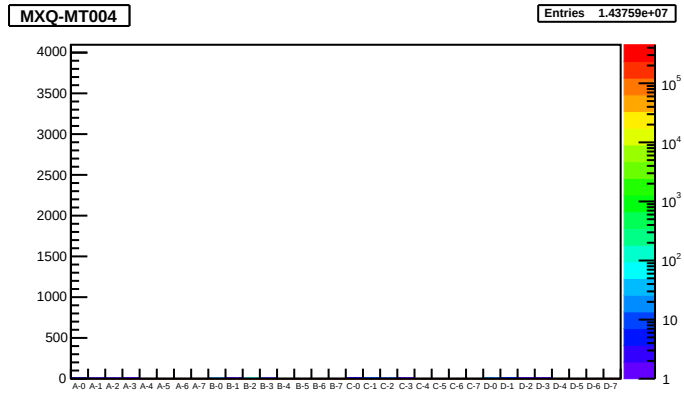
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
$10^5$
$10^4$
$10^3$
$10^2$
10
1


MXQ-MT004
Entries 1.43759e+07
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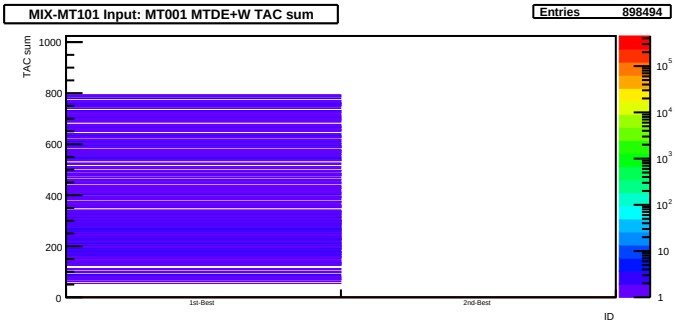
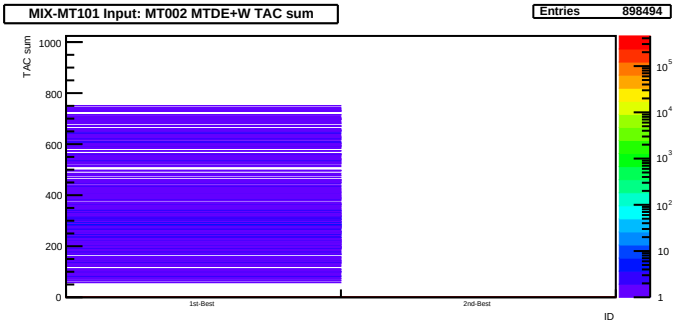
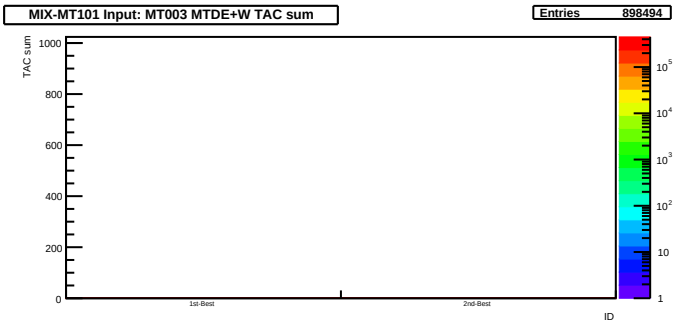
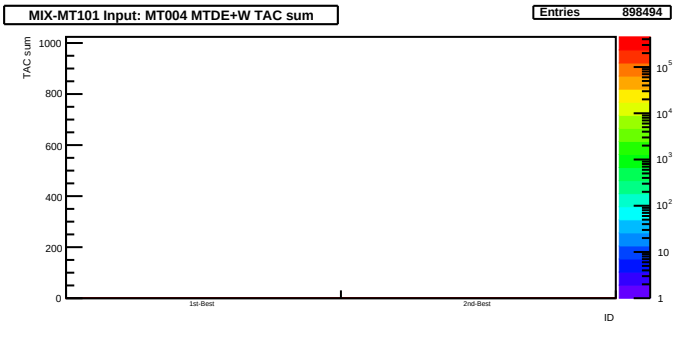
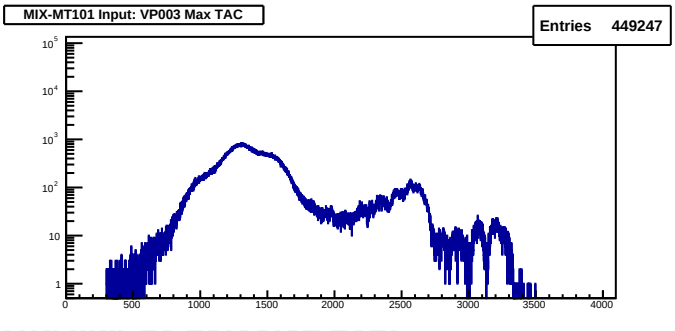
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
$10^5$
$10^4$
$10^3$
$10^2$
10
1

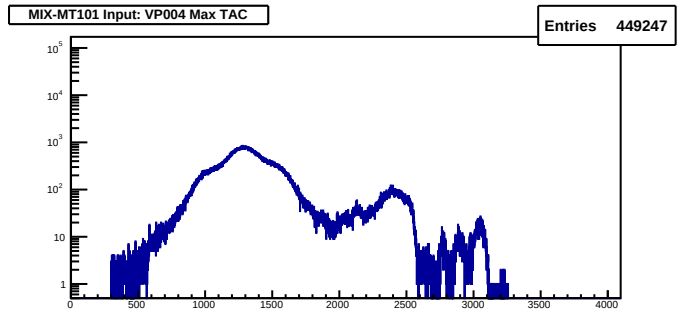

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 898494
TAC sum
1st-Best
2nd-Best
ID

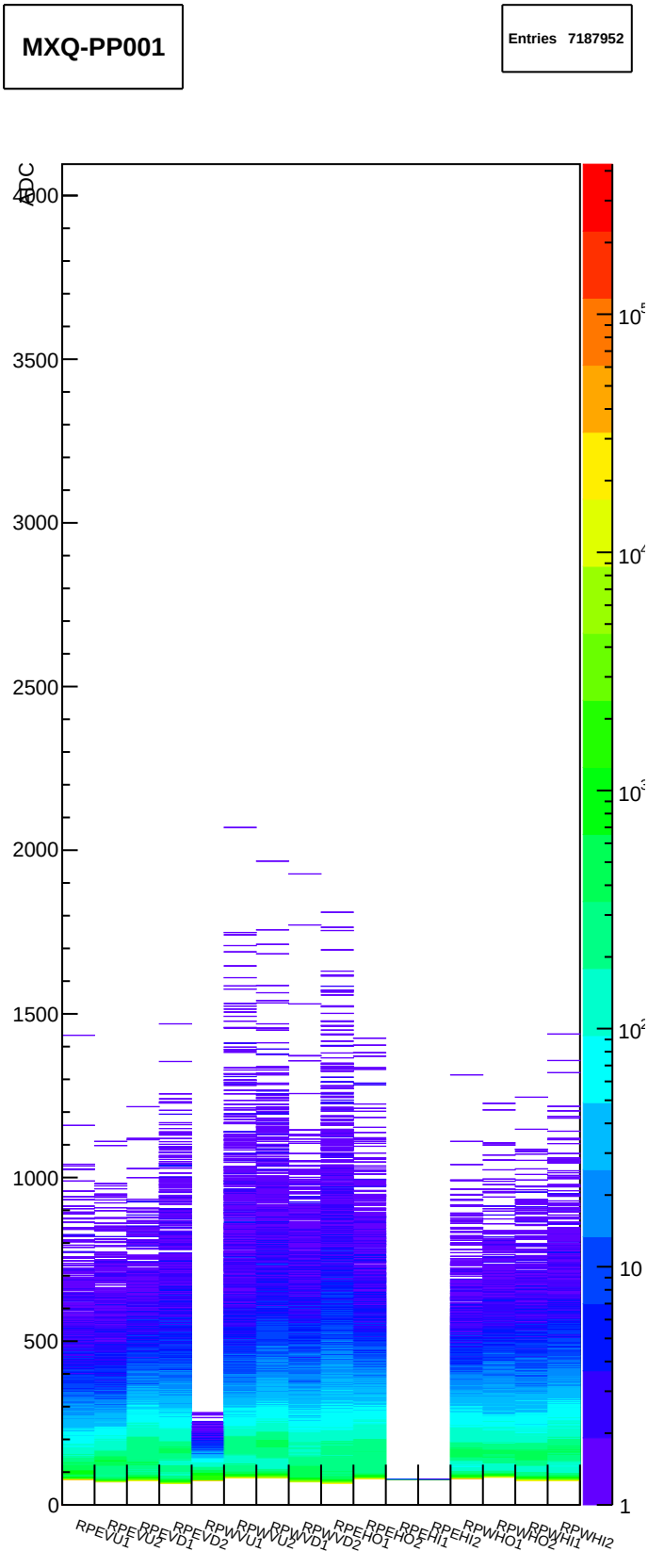

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 898494
TAC sum
1st-Best
2nd-Best
ID

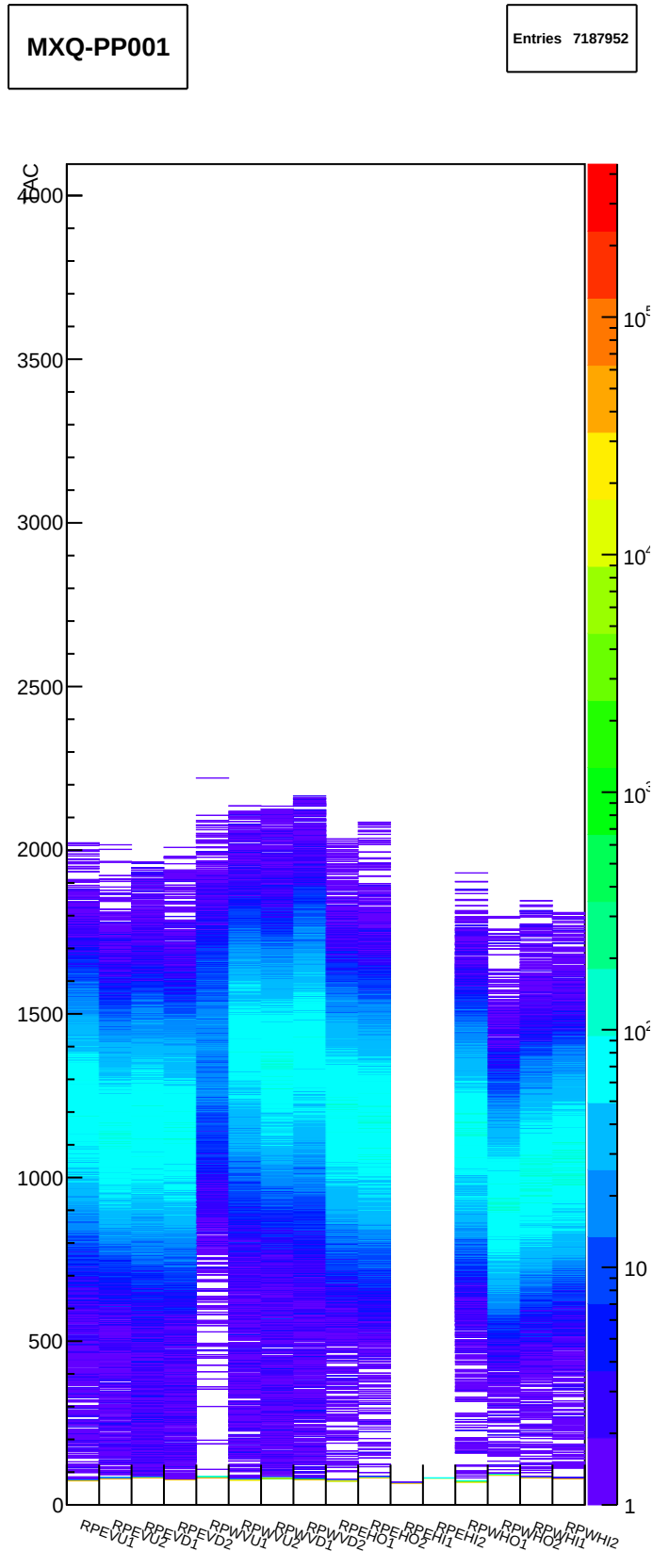

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 898494
TAC sum
1st-Best
2nd-Best
ID

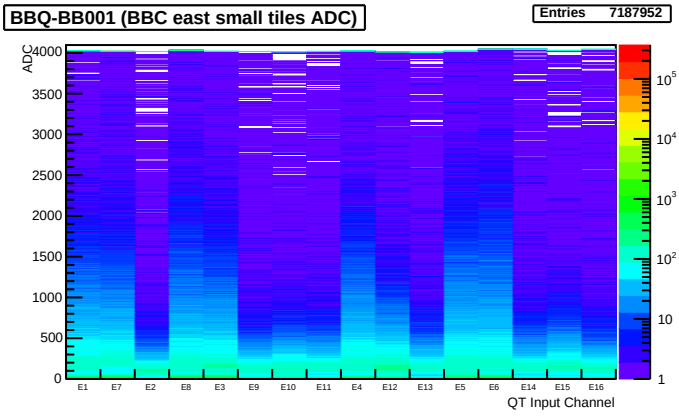

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 898494
TAC sum
1st-Best
2nd-Best
ID

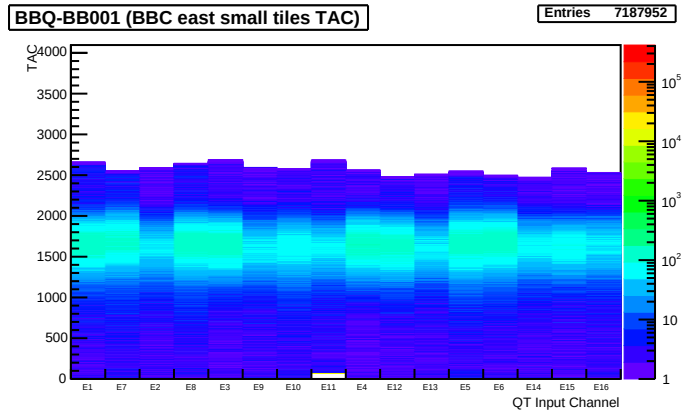

MIX-MT101 Input: VP003 Max TAC
Entries 449247

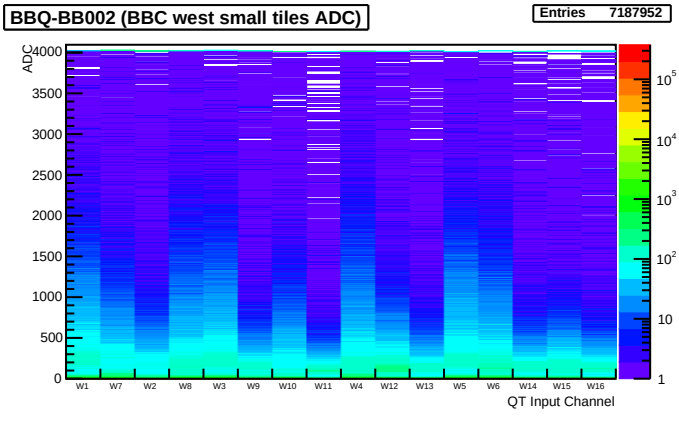

MIX-MT101 Input: VP004 Max TAC
Entries 449247

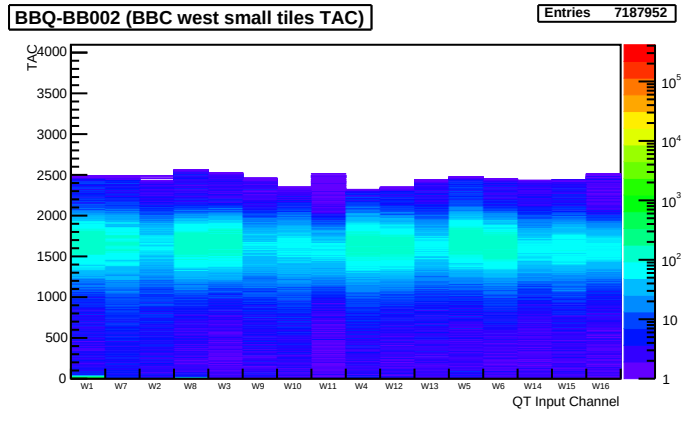

MXQ-PP001
Entries 7187952
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

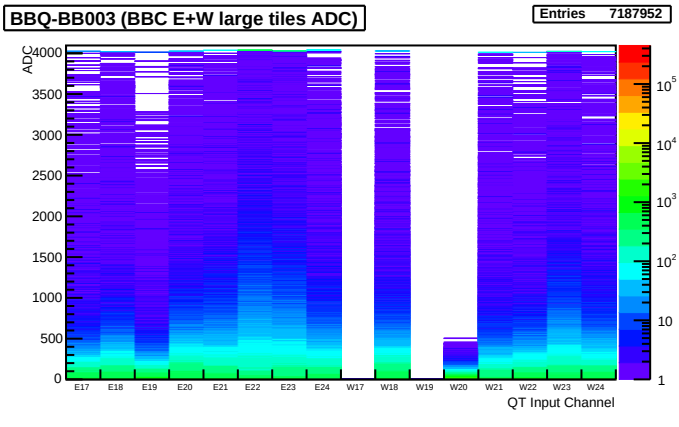

MXQ-PP001
Entries 7187952
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

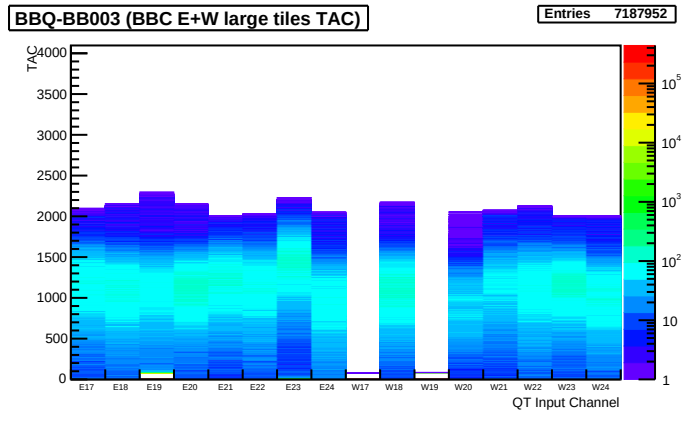

BBQ-BB001 (BBC east small tiles ADC)
Entries 7187952
ADC
QT Input Channel

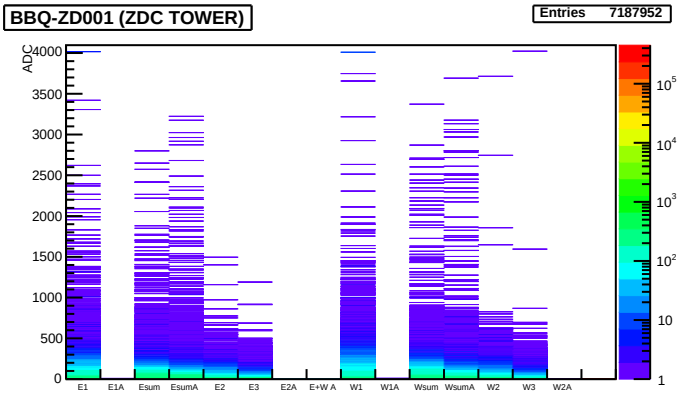

BBQ-BB001 (BBC east small tiles TAC)
Entries 7187952
TAC
QT Input Channel

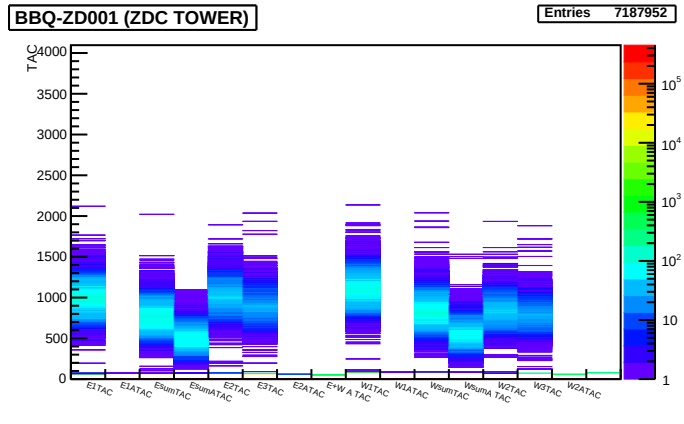

BBQ-BB002 (BBC west small tiles ADC)
Entries 7187952
ADC
QT Input Channel

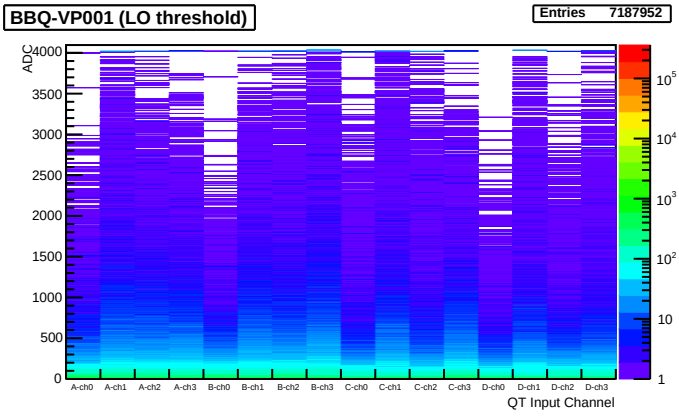

BBQ-BB002 (BBC west small tiles TAC)
Entries 7187952
TAC
QT Input Channel

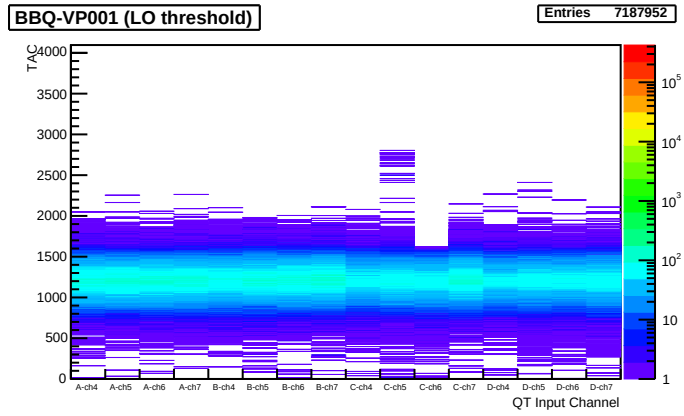

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 7187952
ADC
QT Input Channel

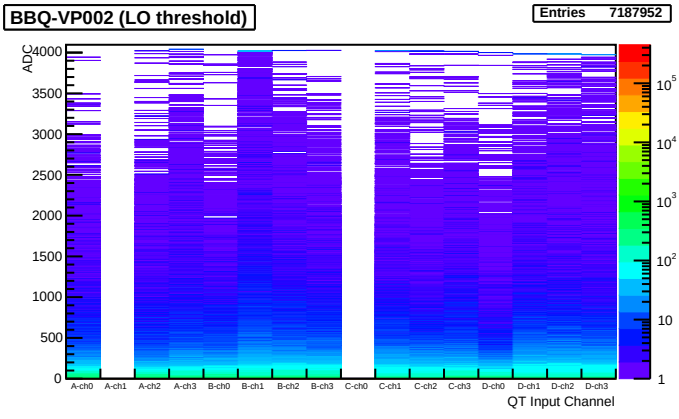

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 7187952
TAC
QT Input Channel

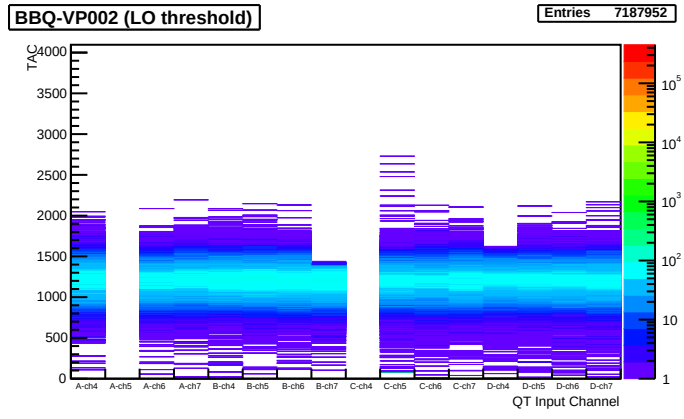

BBQ-ZD001 (ZDC TOWER)
Entries 7187952
ADC

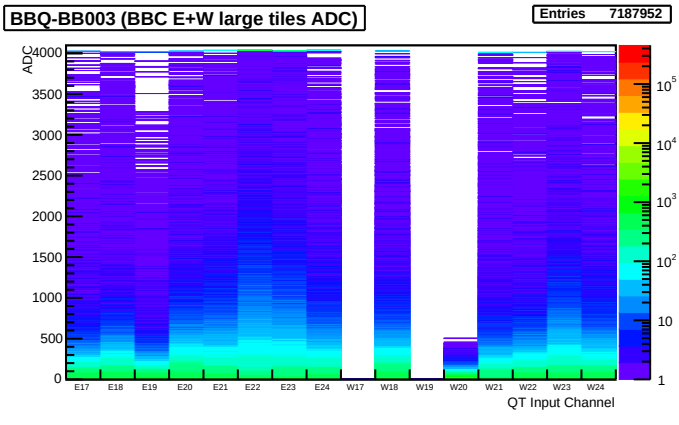

BBQ-ZD001 (ZDC TOWER)
Entries 7187952
TAC

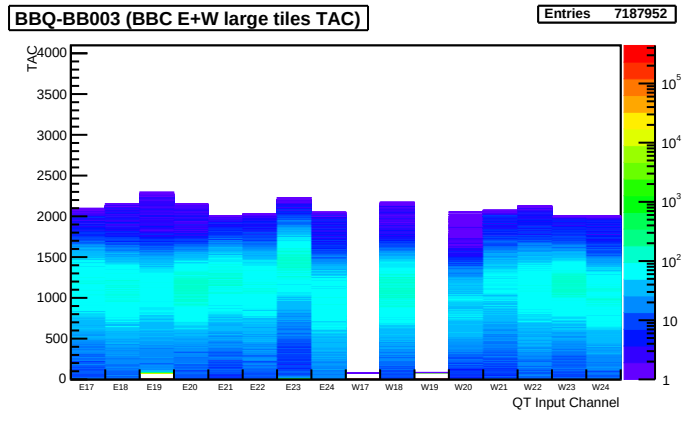

BBQ-VP001 (LO threshold)
Entries 7187952
ADC
QT Input Channel

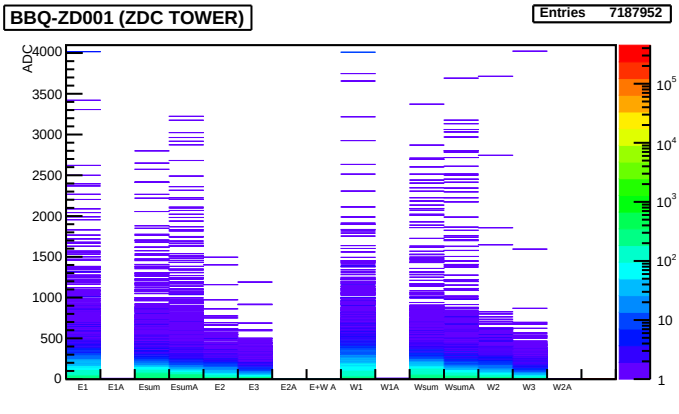

BBQ-VP001 (LO threshold)
Entries 7187952
TAC
QT Input Channel

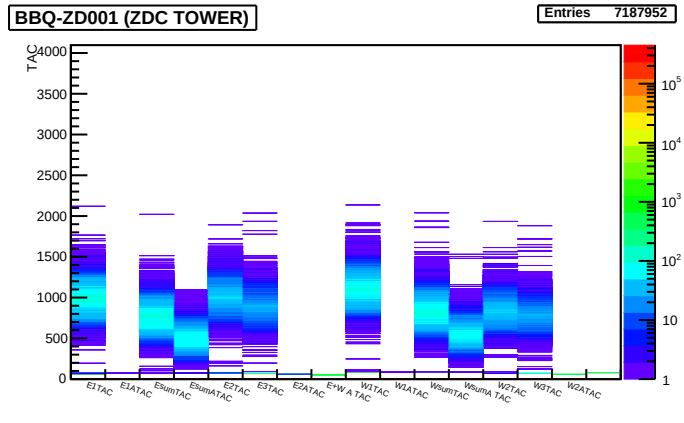

BBQ-VP002 (LO threshold)
Entries 7187952
ADC
QT Input Channel

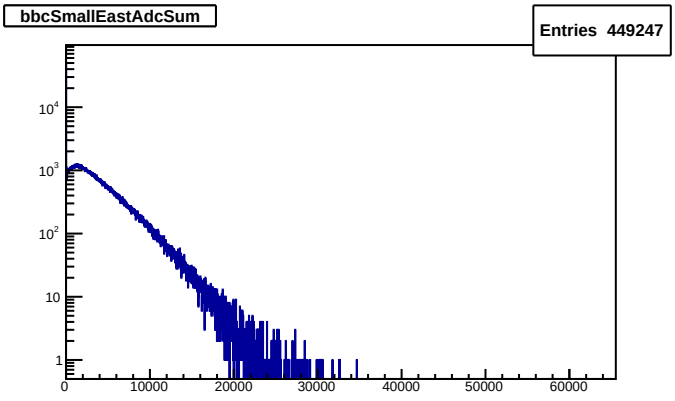

BBQ-VP002 (LO threshold)
Entries 7187952
TAC
QT Input Channel

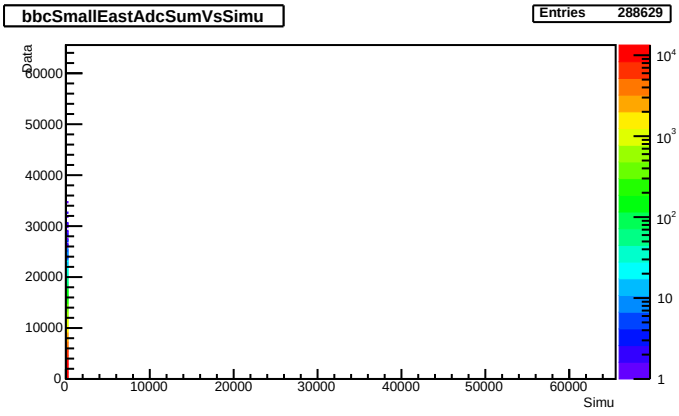

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 7187952
ADC
QT Input Channel

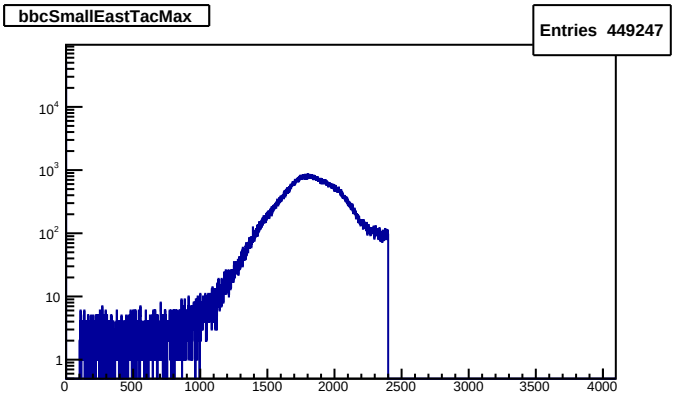

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 7187952
TAC
QT Input Channel

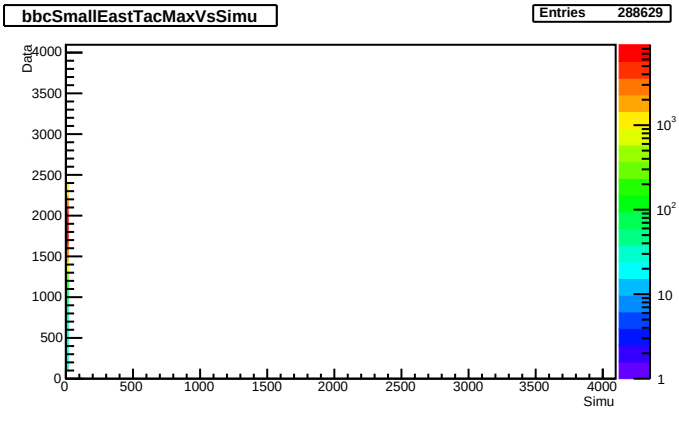

BBQ-ZD001 (ZDC TOWER)
Entries 7187952
ADC

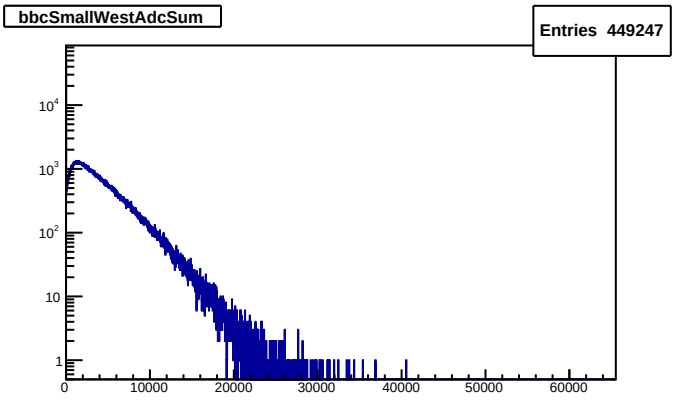

BBQ-ZD001 (ZDC TOWER)
Entries 7187952
TAC

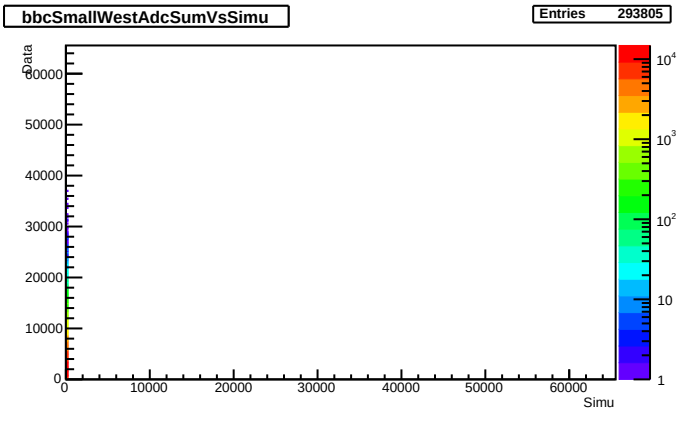

bbcSmallEastAdcSum
Entries 449247

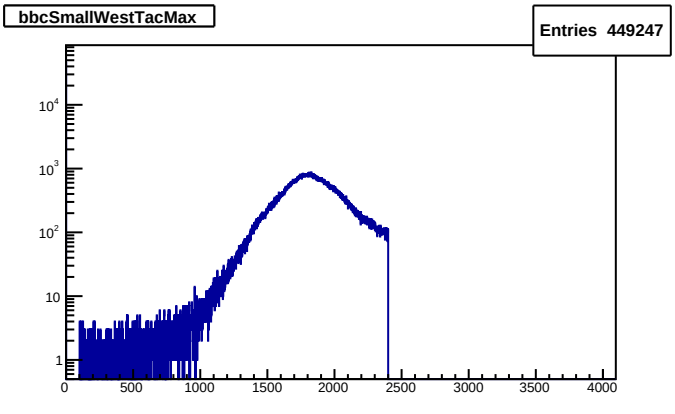

bbcSmallEastAdcSumVsSimu
Entries 288629
Data
Simu

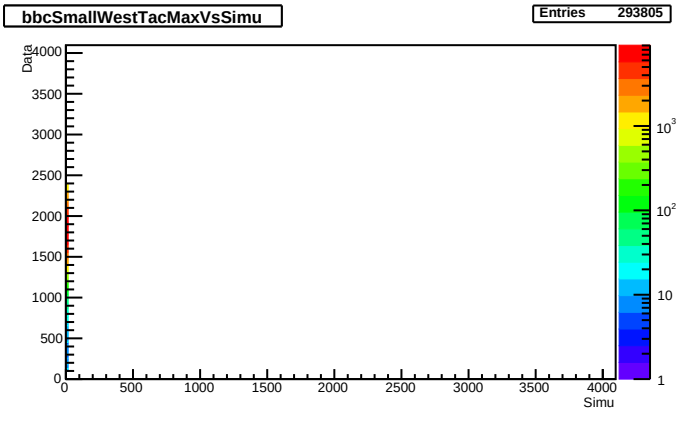

bbcSmallEastTacMax
Entries 449247

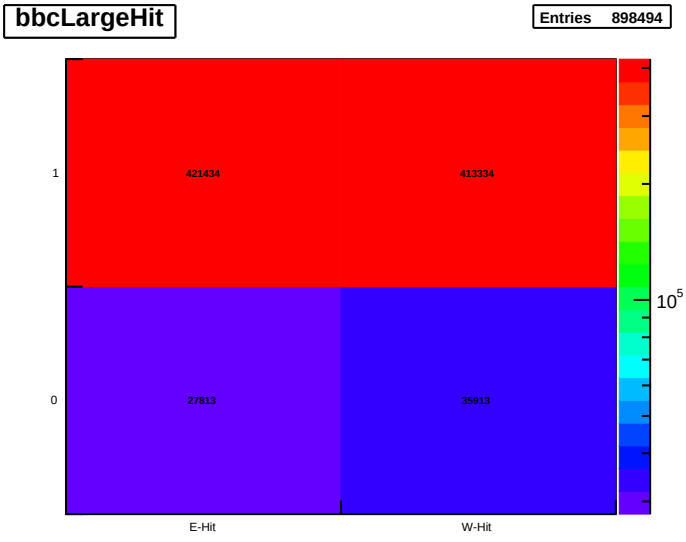

bbcSmallEastTacMaxVsSimu
Entries 288629
Data
Simu

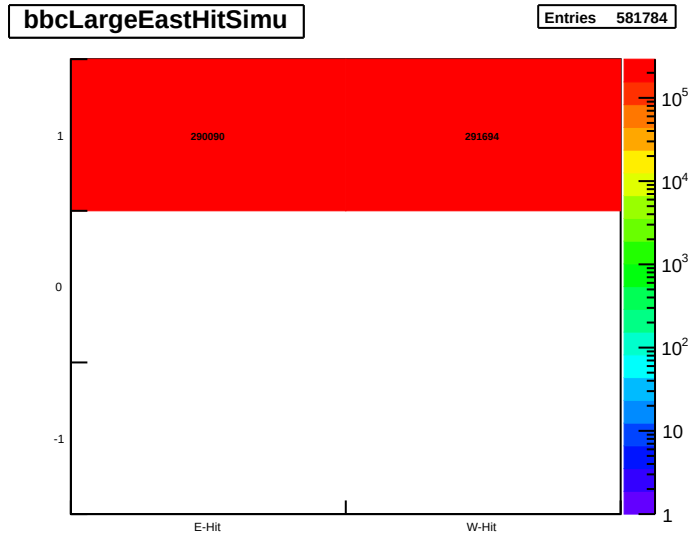

bbcSmallWestAdcSum
Entries 449247

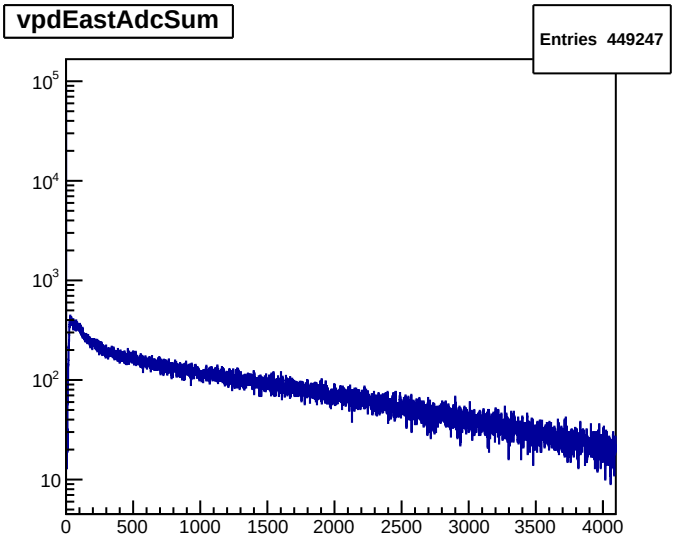

bbcSmallWestAdcSumVsSimu
Entries 293805
Data
Simu

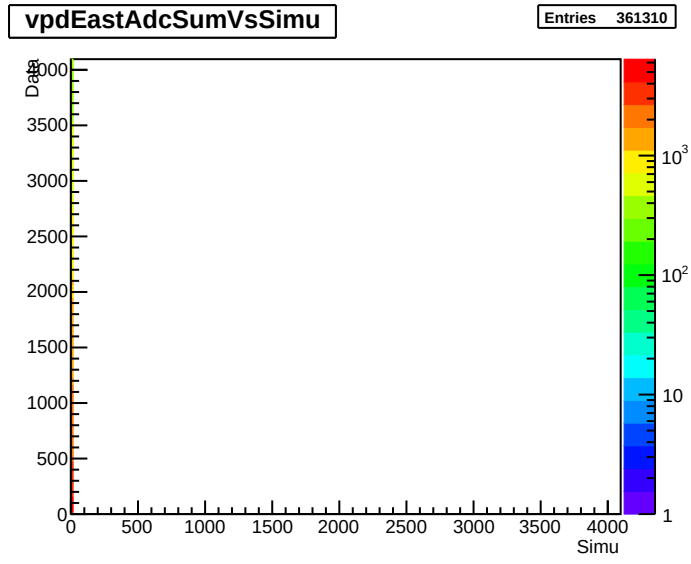

bbcSmallWestTacMax
Entries 449247

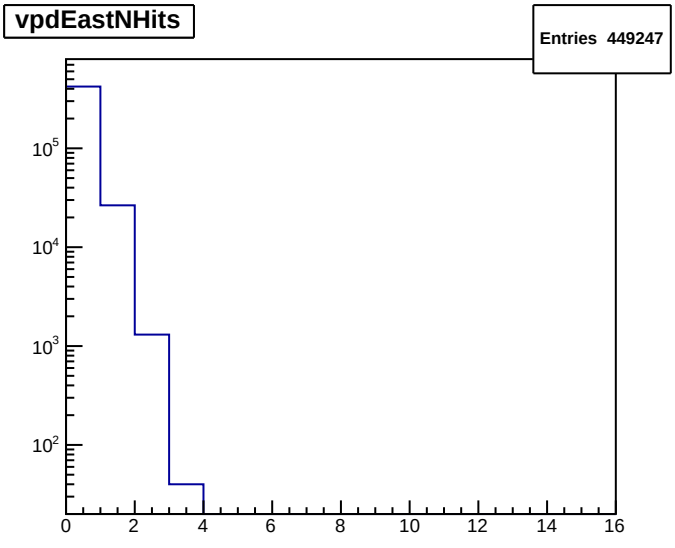

bbcSmallWestTacMaxVsSimu
Entries 293805
Data
Simu

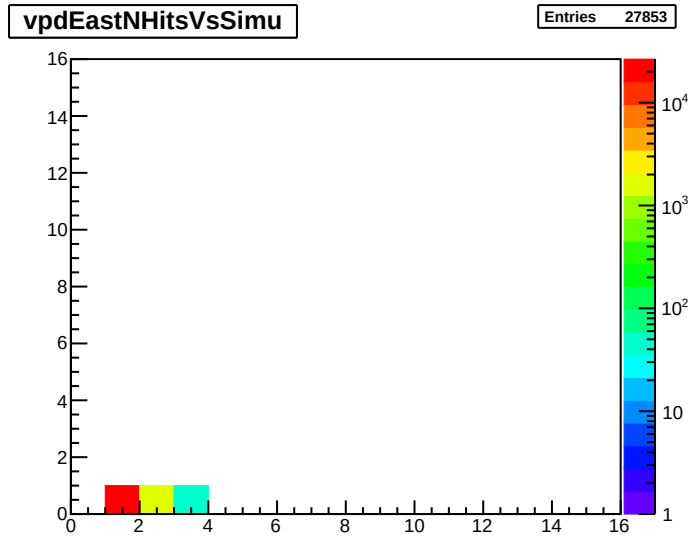

bbcLargeHit
Entries 898494
1
0
421434
413334
27813
35913
E-Hit
W-Hit
$10^5$

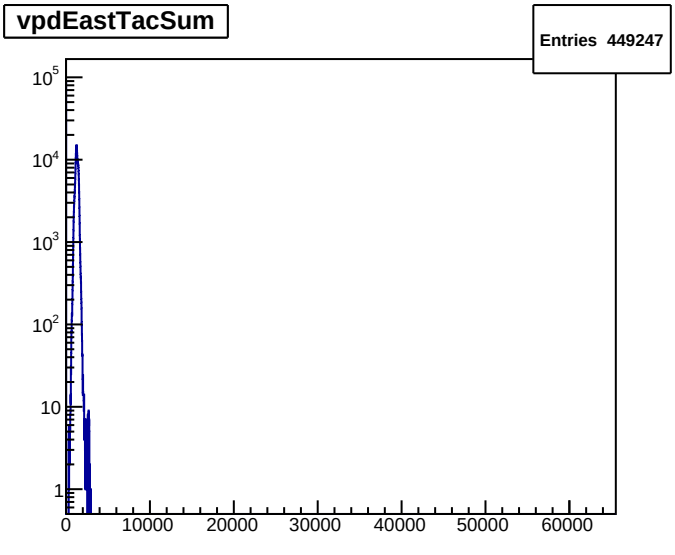

bbcLargeEastHitSimu
Entries 581784
1
0
-1
290090
291694
E-Hit
W-Hit
$10^5$
$10^4$
$10^3$
$10^2$
10
1

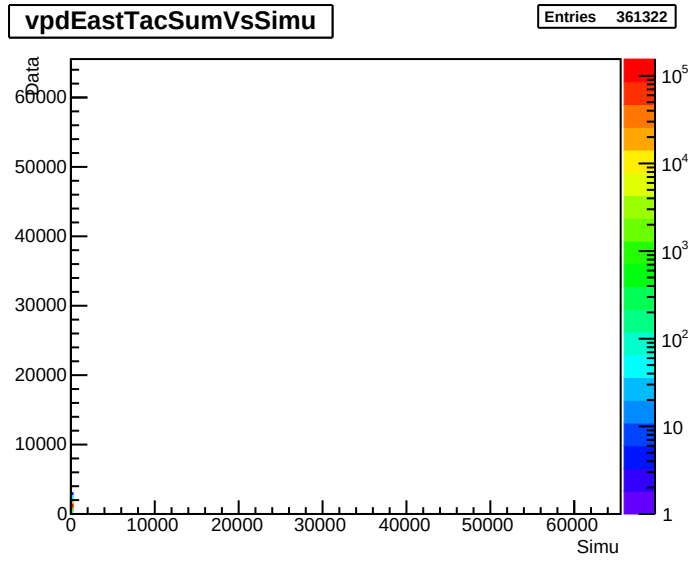

vpdEastAdcSum
Entries 449247

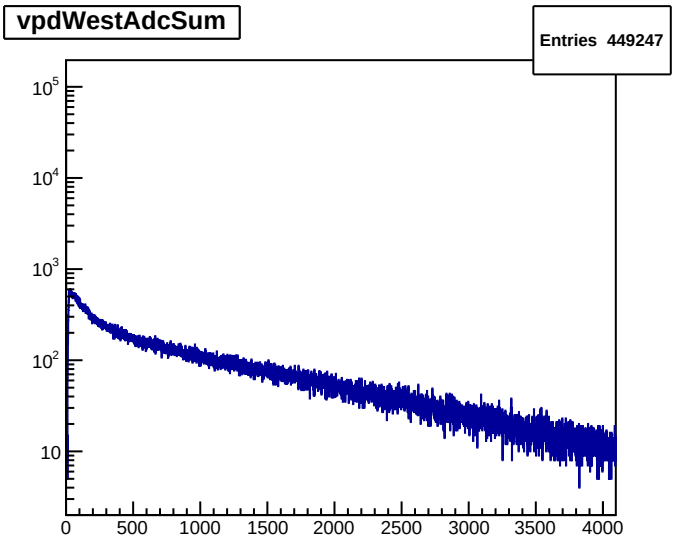

vpdEastAdcSumVsSimu
Entries 361310
Data
Simu

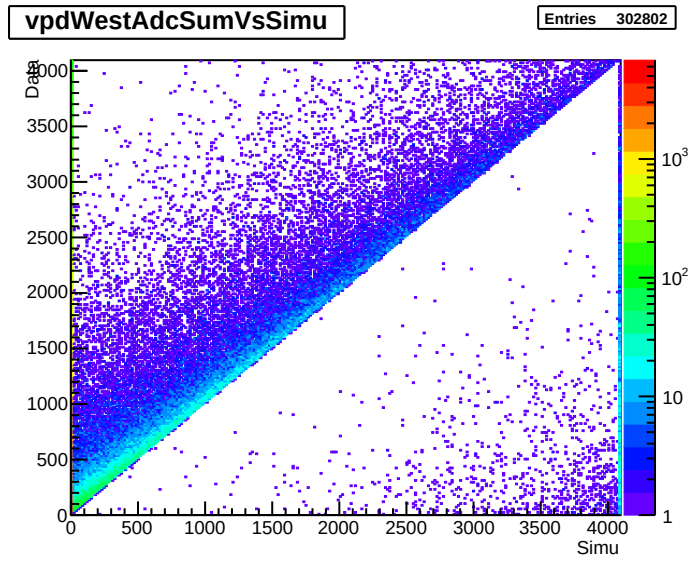

vpdEastNHits
Entries 449247

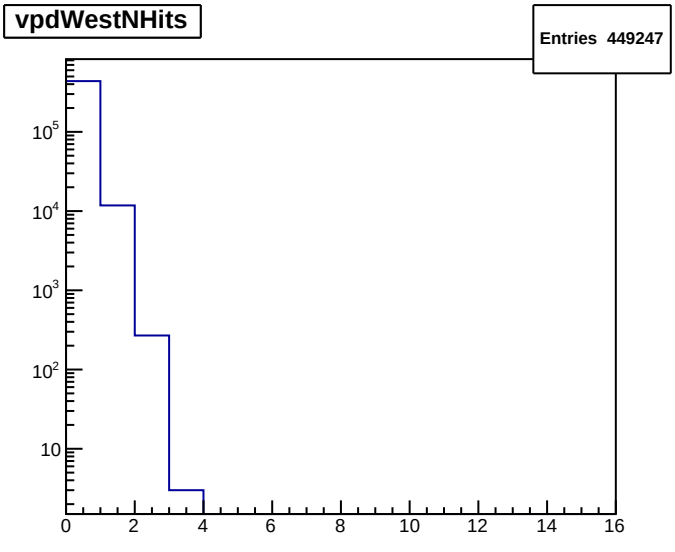

vpdEastNHitsVsSimu
Entries 27853

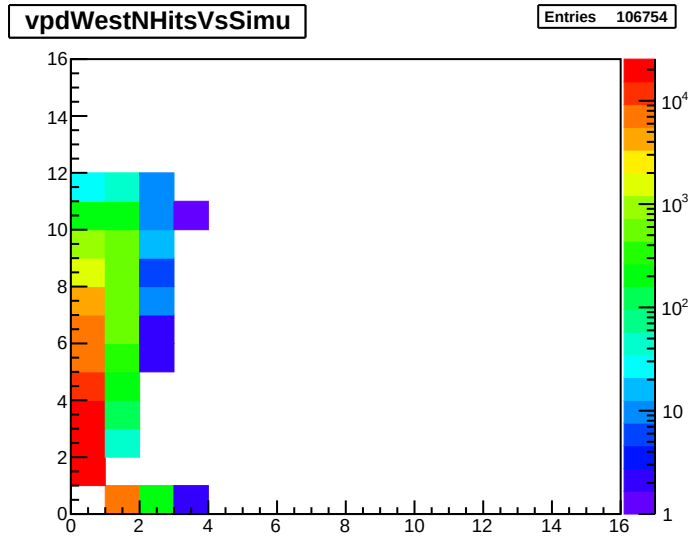

vpdEastTacSum
Entries 449247

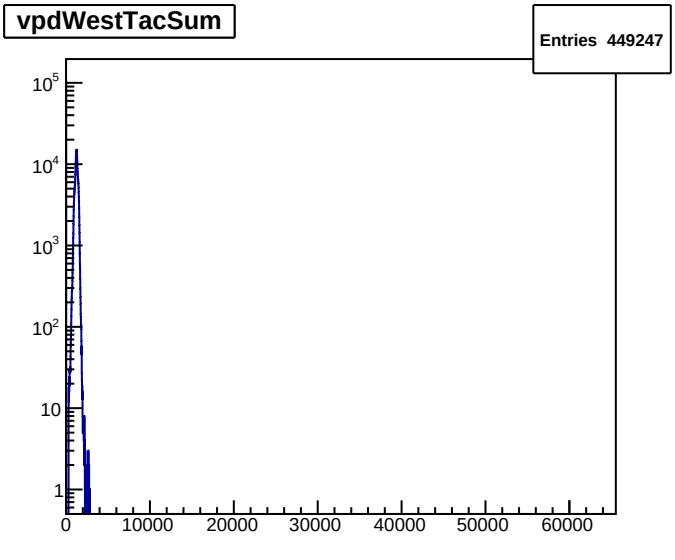

vpdEastTacSumVsSimu
Entries 361322
Data
Simu

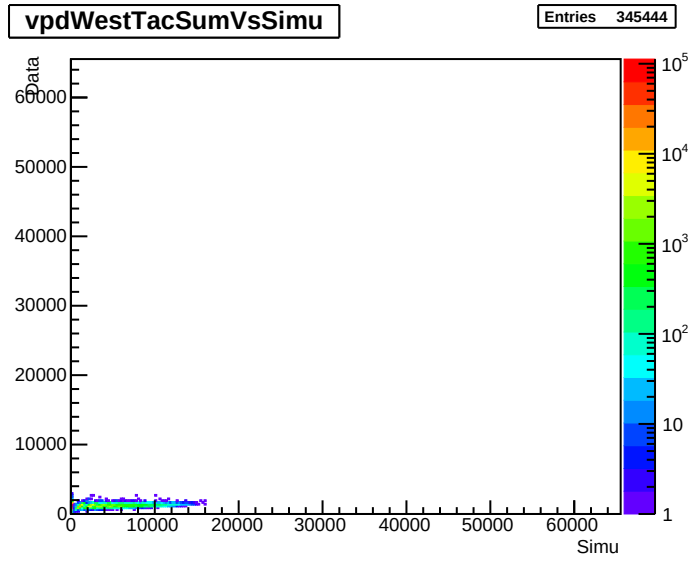

vpdWestAdcSum
Entries 449247

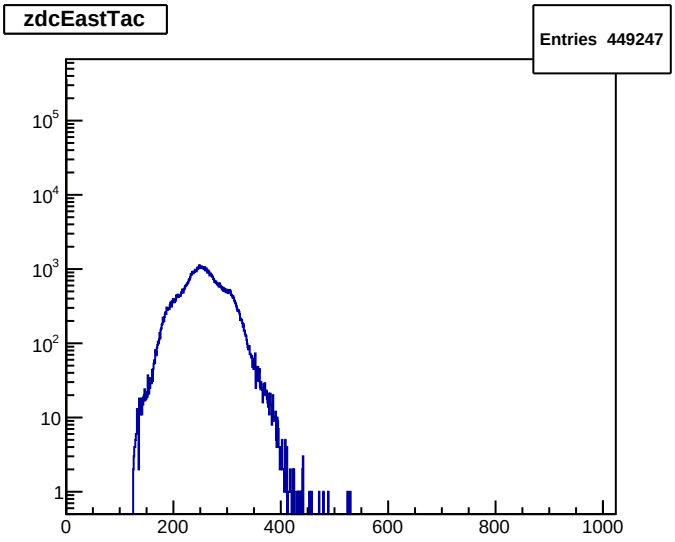

vpdWestAdcSumVsSimu
Entries 302802
Data
Simu

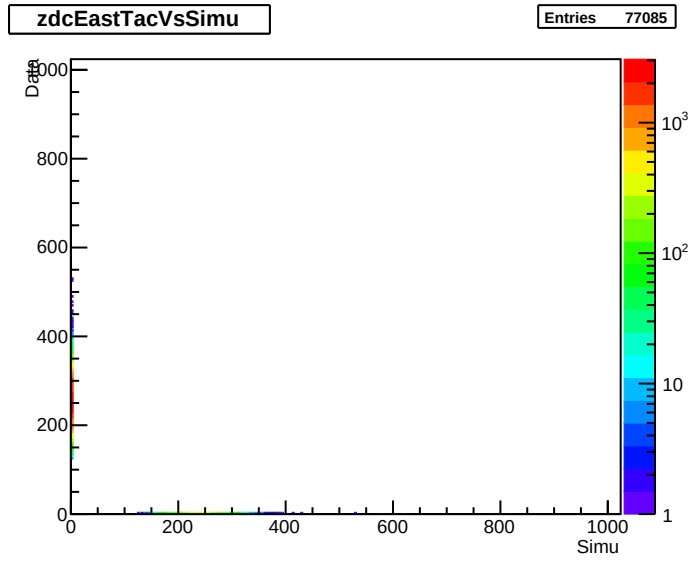

vpdWestNHits
Entries 449247

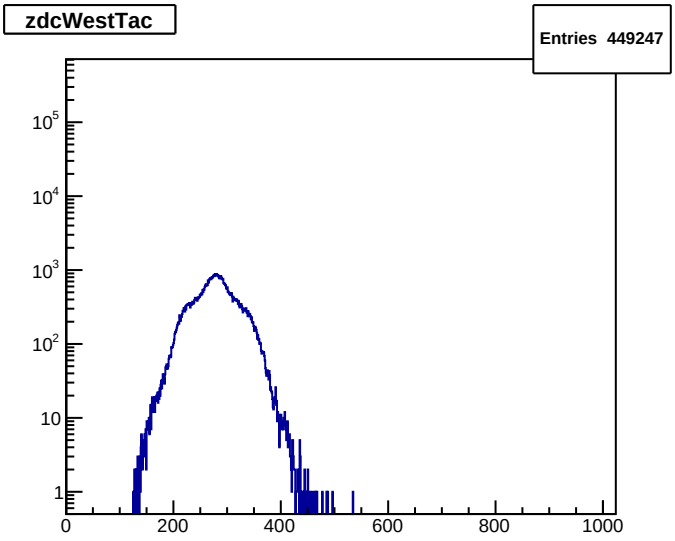

vpdWestNHitsVsSimu
Entries 106754

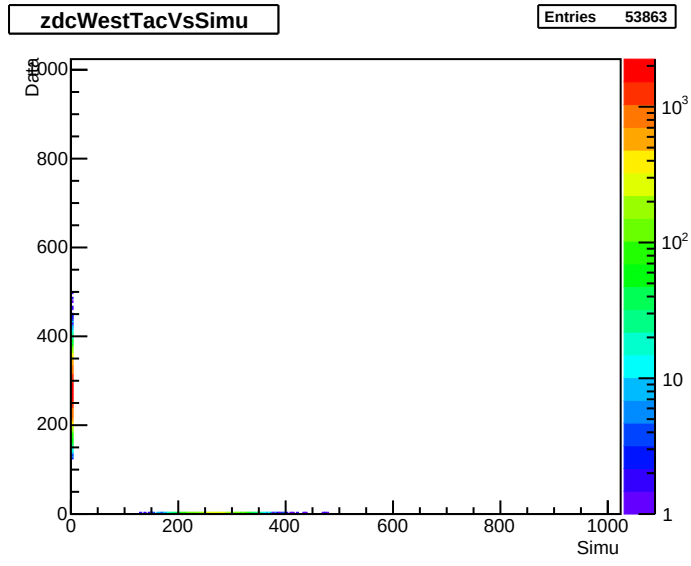

vpdWestTacSum
Entries 449247

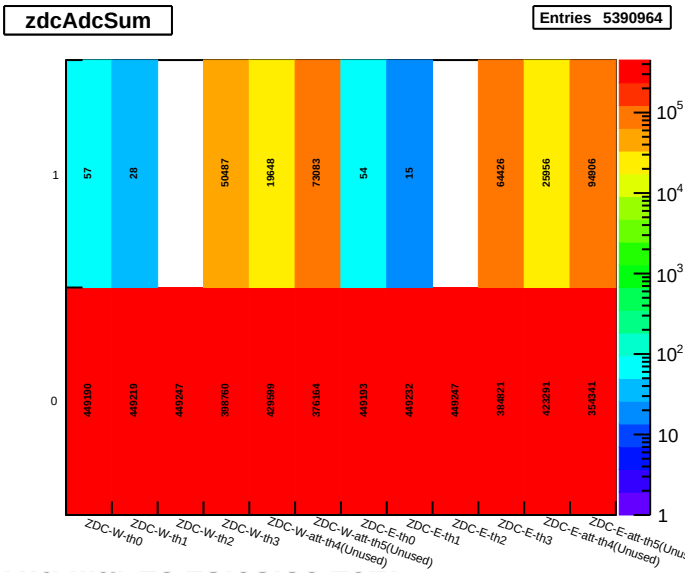

vpdWestTacSumVsSimu
Entries 345444
Data
Simu

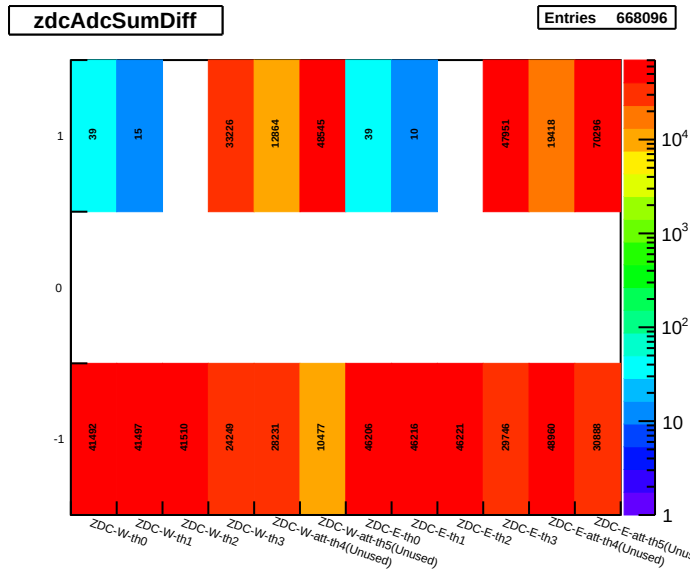

zdcEastTac
Entries 449247

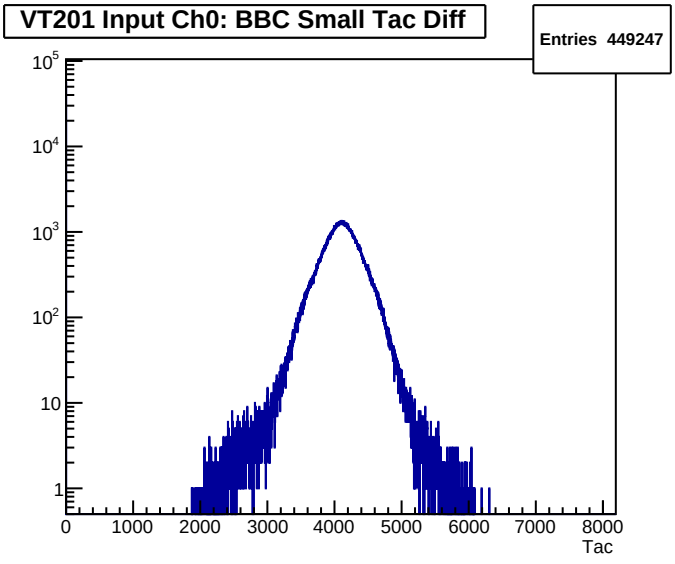

zdcEastTacVsSimu
Entries 77085
Data
Simu

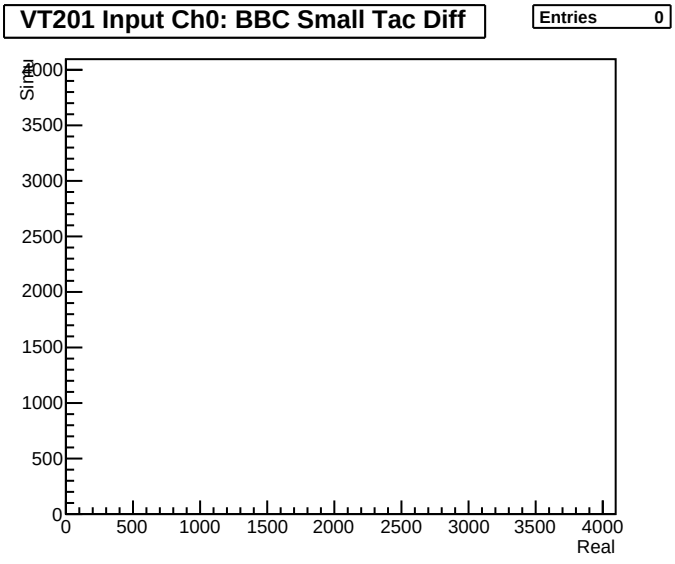

zdcWestTac
Entries 449247

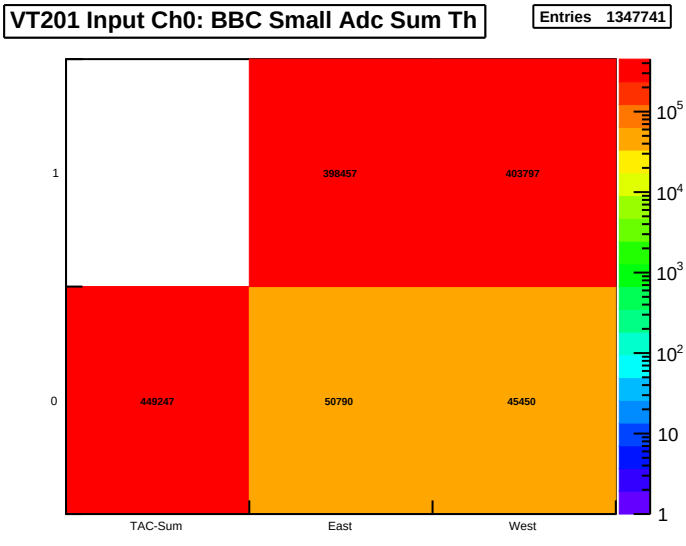

zdcWestTacVsSimu
Entries 53863
Data
Simu

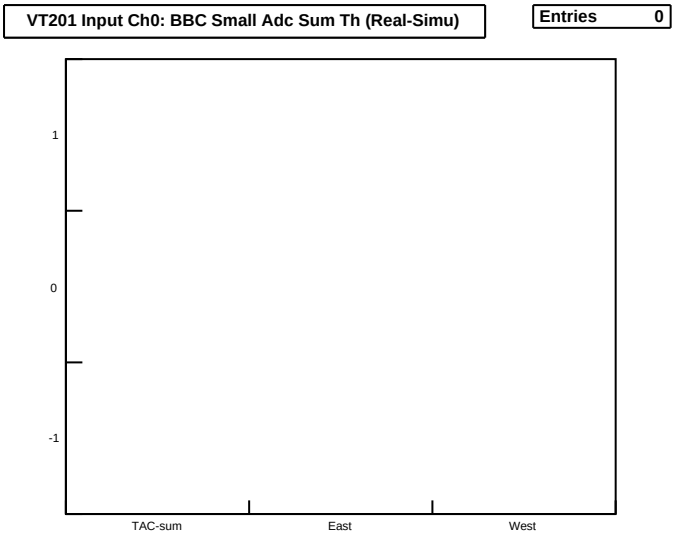

zdcAdcSum
Entries 5390964
57
28
50487
19648
73083
54
15
64426
25956
94806
449190
449219
449247
398760
429599
376164
449193
449232
449247
304821
423291
354341
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

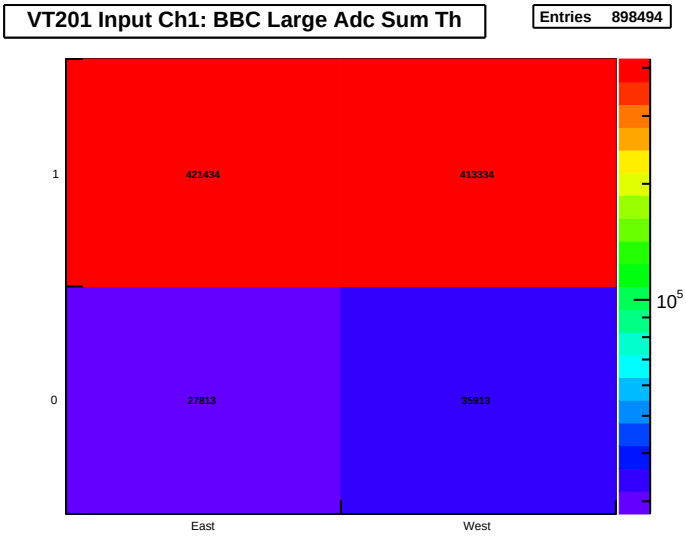

zdcAdcSumDiff
Entries 668096
39
15
33226
12864
48545
39
10
47951
19418
70296
41492
41497
41510
24249
28231
10477
46206
46216
46221
29746
48960
30888
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

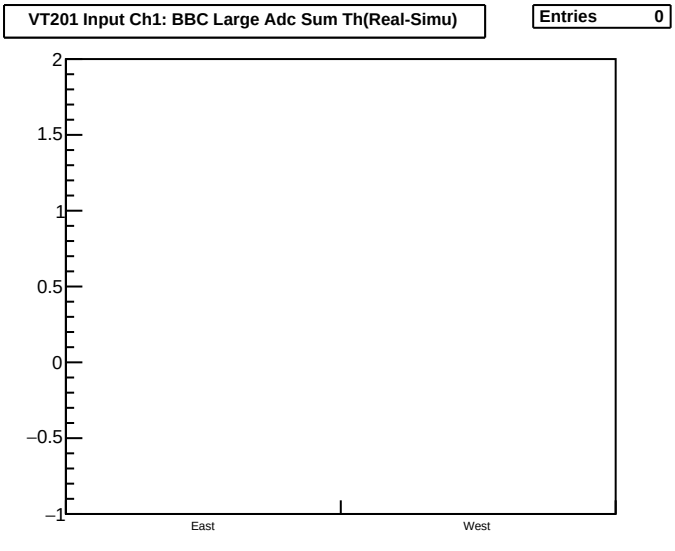

VT201 Input Ch0: BBC Small Tac Diff
Entries 449247
Tac


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

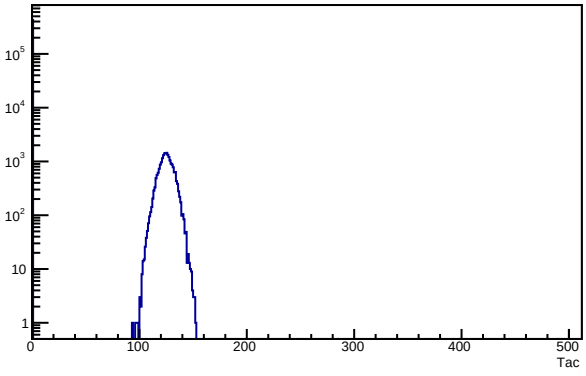

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1347741
398457
403797
449247
50790
45450
TAC-Sum
East
West


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

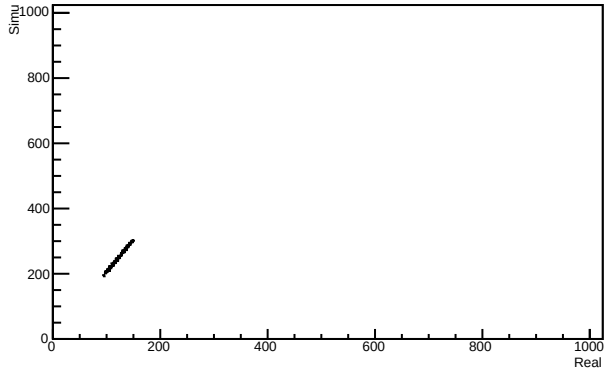

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 898494
421434
413334
27813
35913
East
West


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

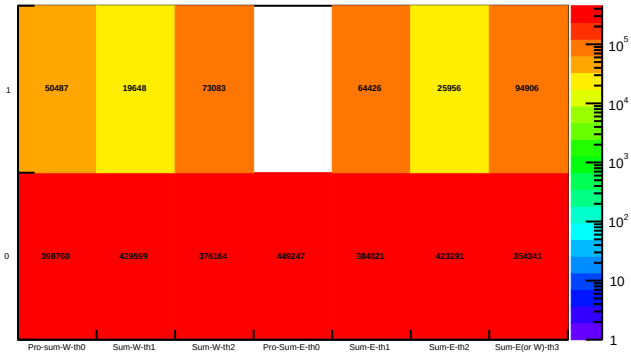
**VT201 Input Ch2: ZDC Tac Diff**



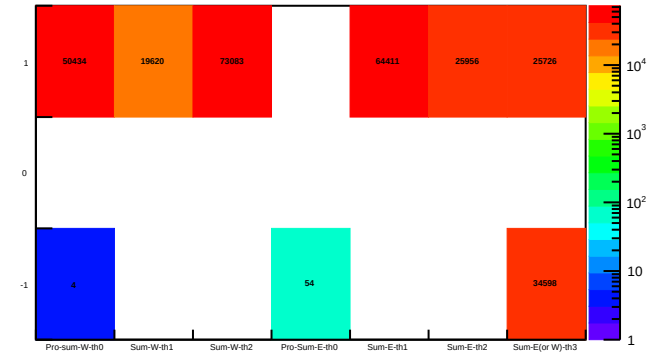

**VT201 Input Ch2: ZDC Tac Diff**



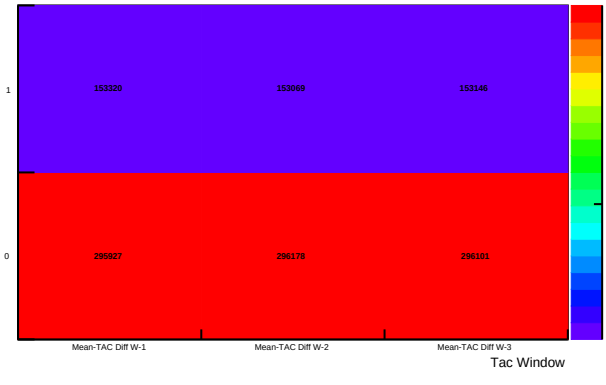

**VT201 Input Ch2: ZDC Adc Sum Th**



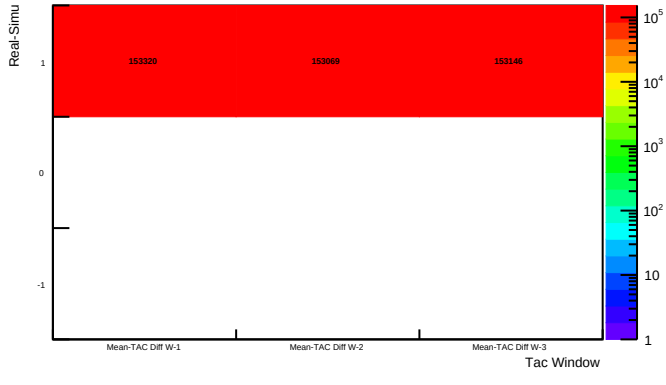

**VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)**



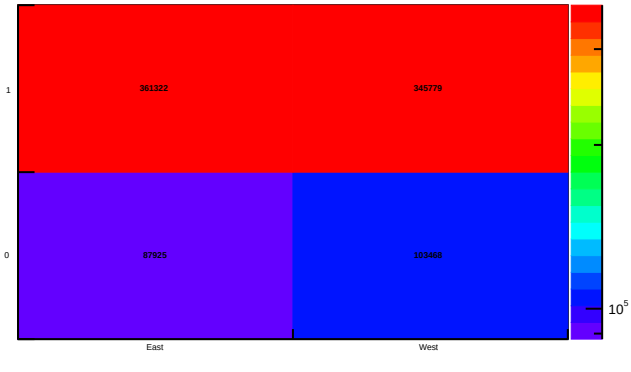

**VT201 Input Ch4: VPD Tac Diff**



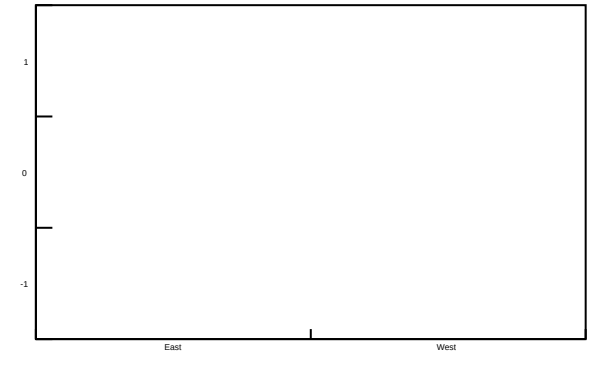

**VT201 Input Ch4: VPD Tac Diff**

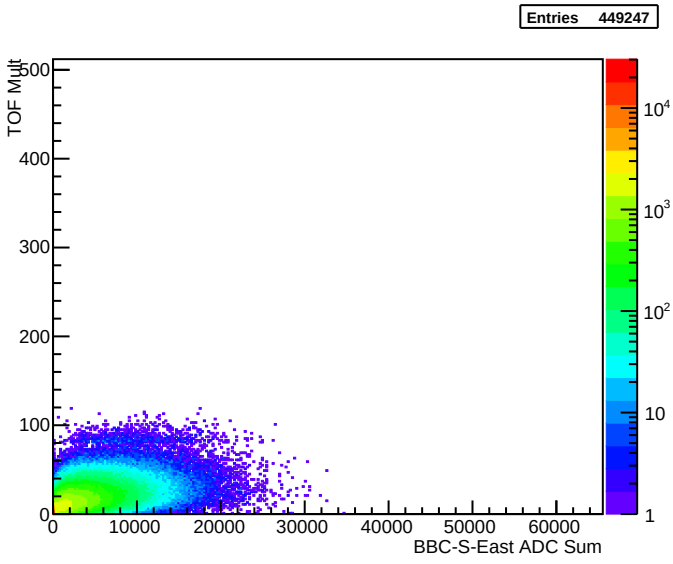


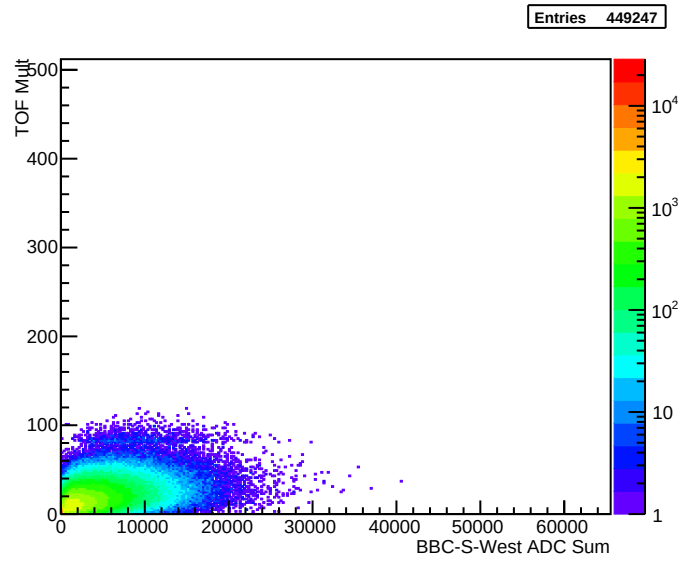

**VT201 Input Ch4: VPD Adc Sum Th**

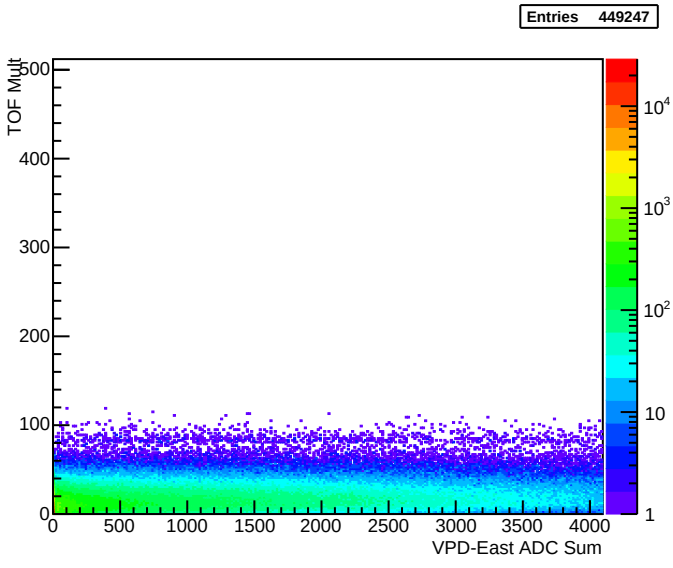


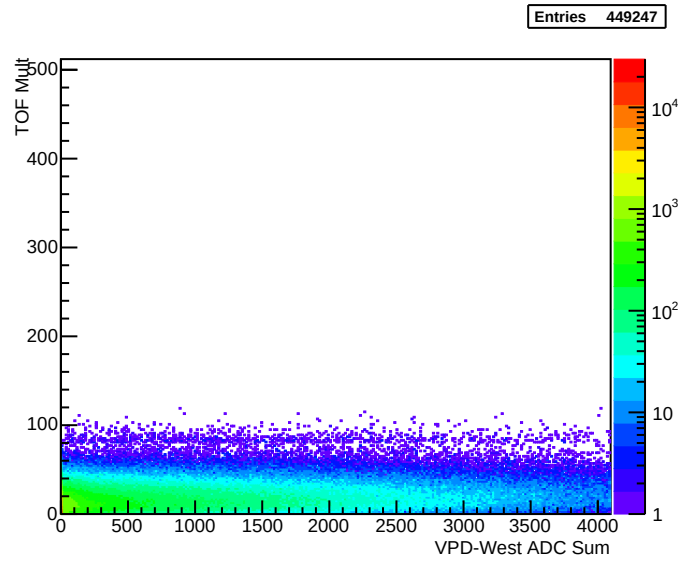

**VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)**

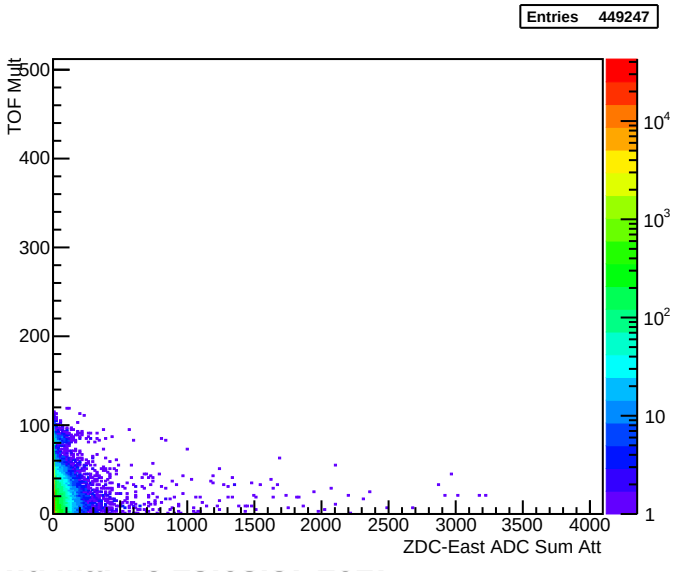


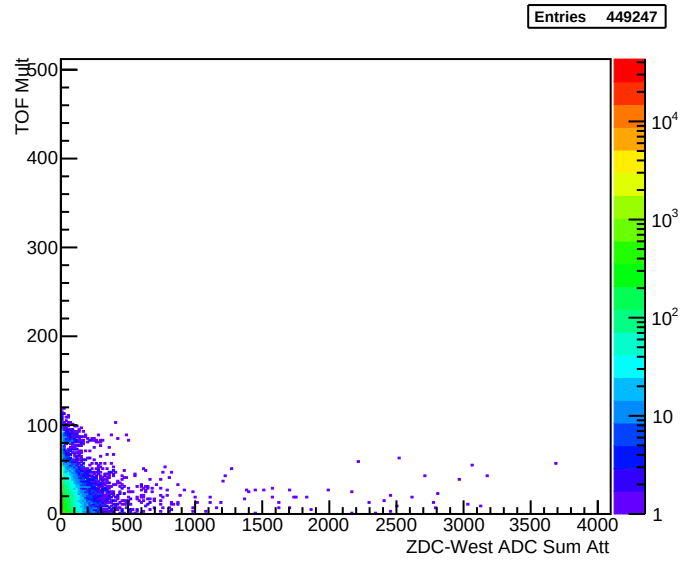

Entries 449247
TOF Mult
BBC-S-East ADC Sum

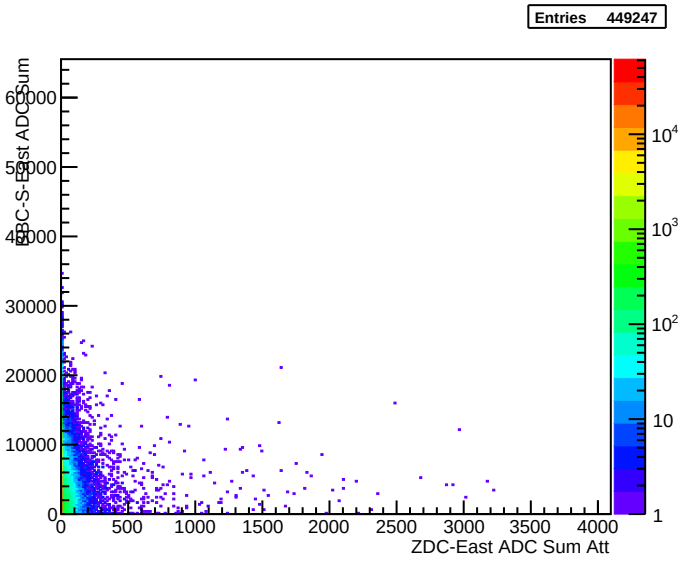

Entries 449247
TOF Mult
BBC-S-West ADC Sum

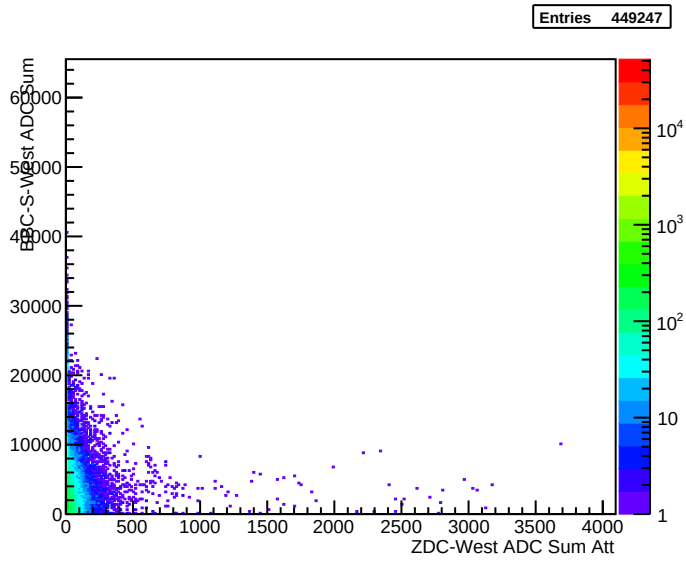

Entries 449247
TOF Mult
VPD-East ADC Sum

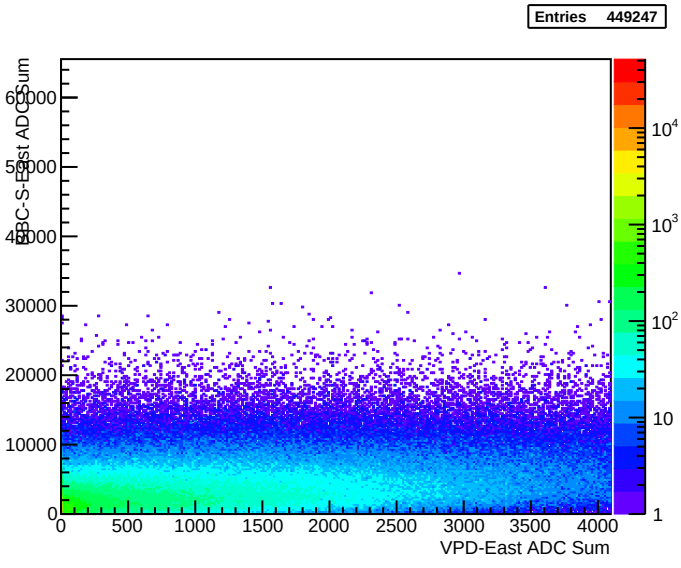

Entries 449247
TOF Mult
VPD-West ADC Sum

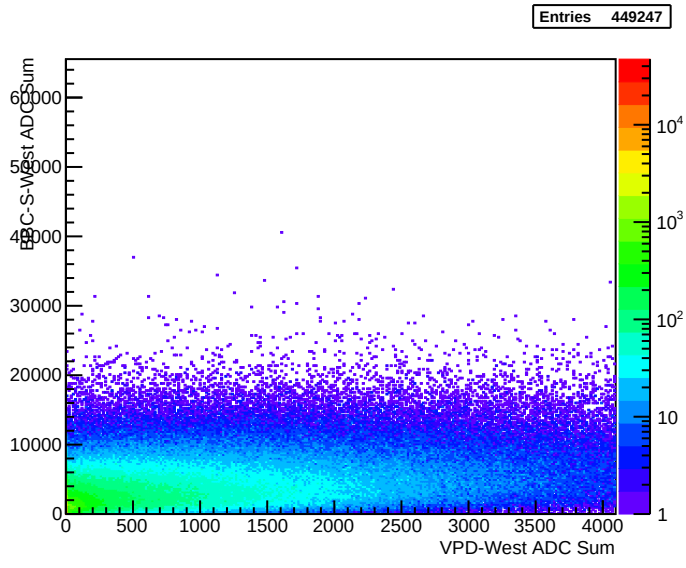

Entries 449247
TOF Mult
ZDC-East ADC Sum Att

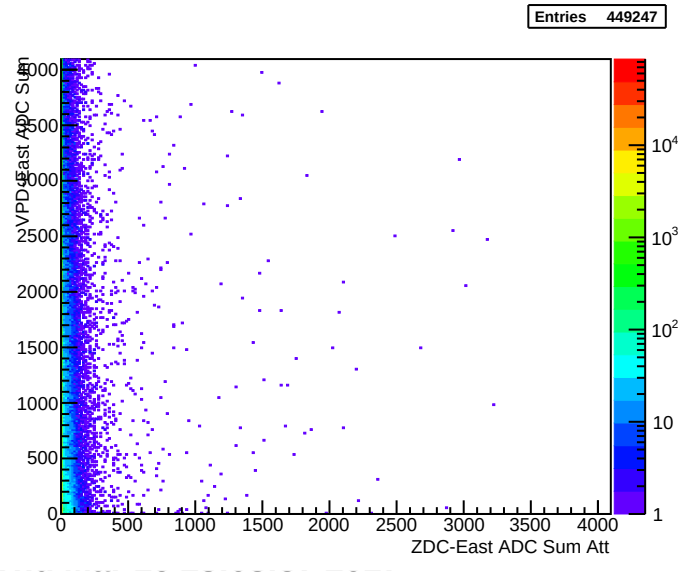

Entries 449247
TOF Mult
ZDC-West ADC Sum Att

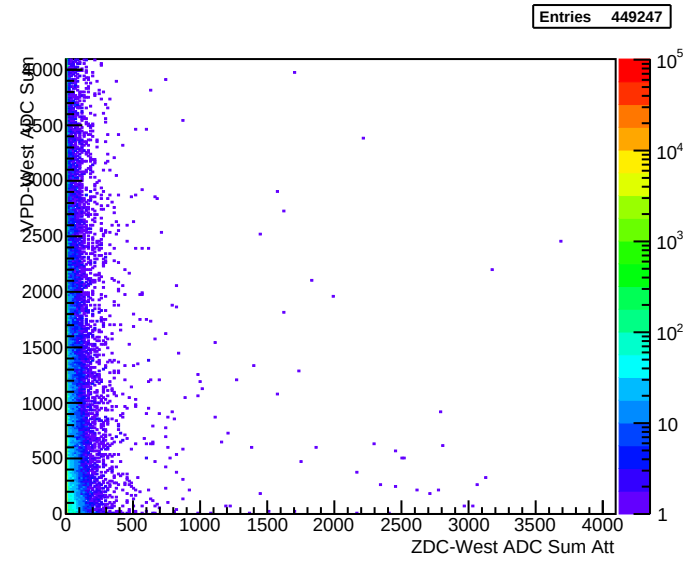

Entries 449247
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

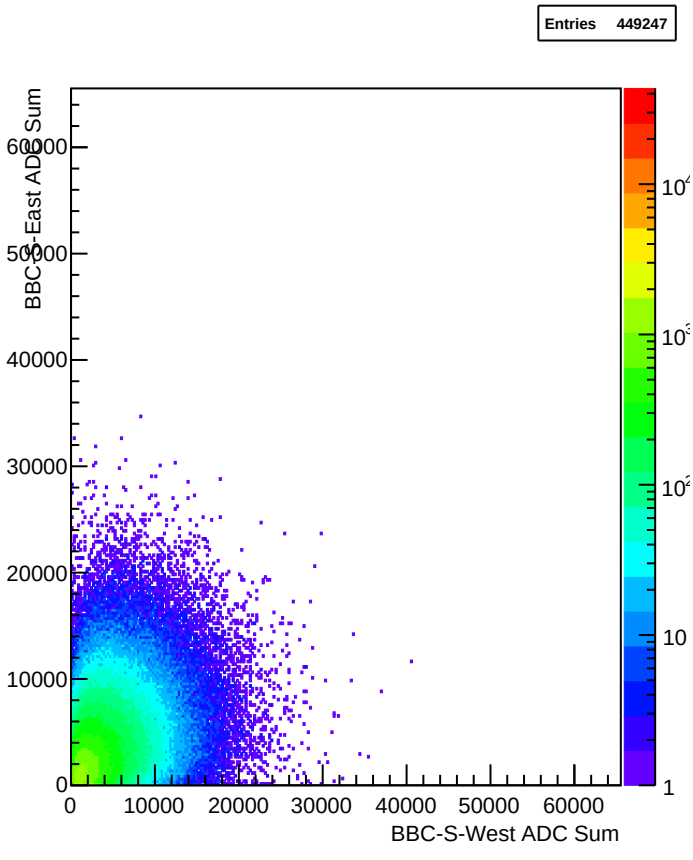

Entries 449247
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

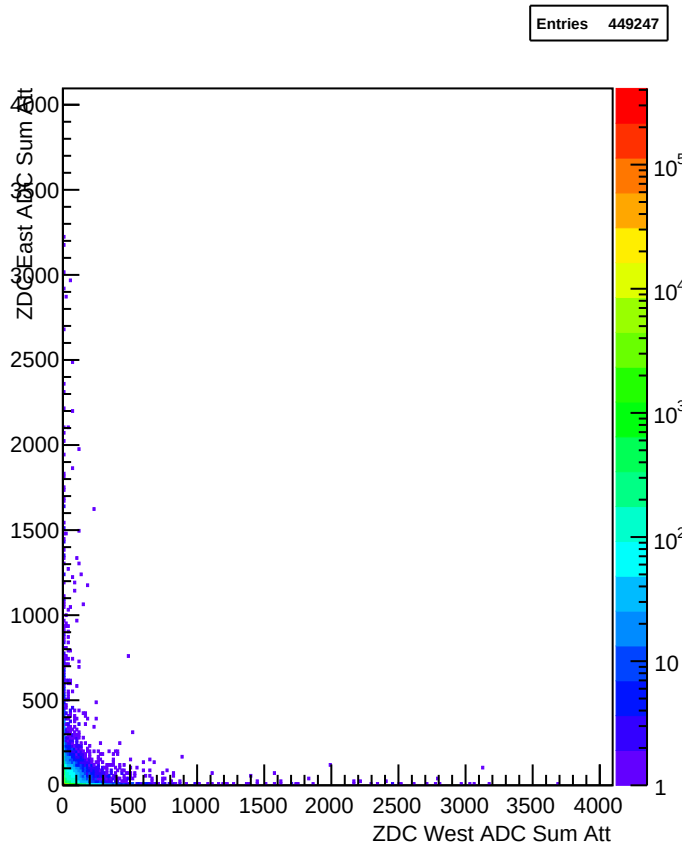

Entries 449247
BBC-S-East ADC Sum
VPD-East ADC Sum

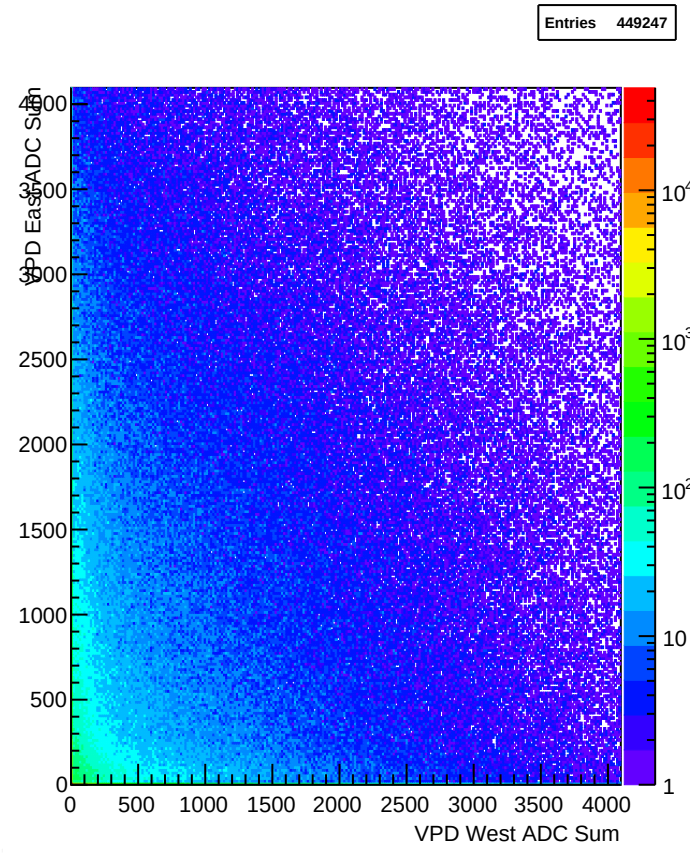

Entries 449247
BBC-S-West ADC Sum
VPD-West ADC Sum

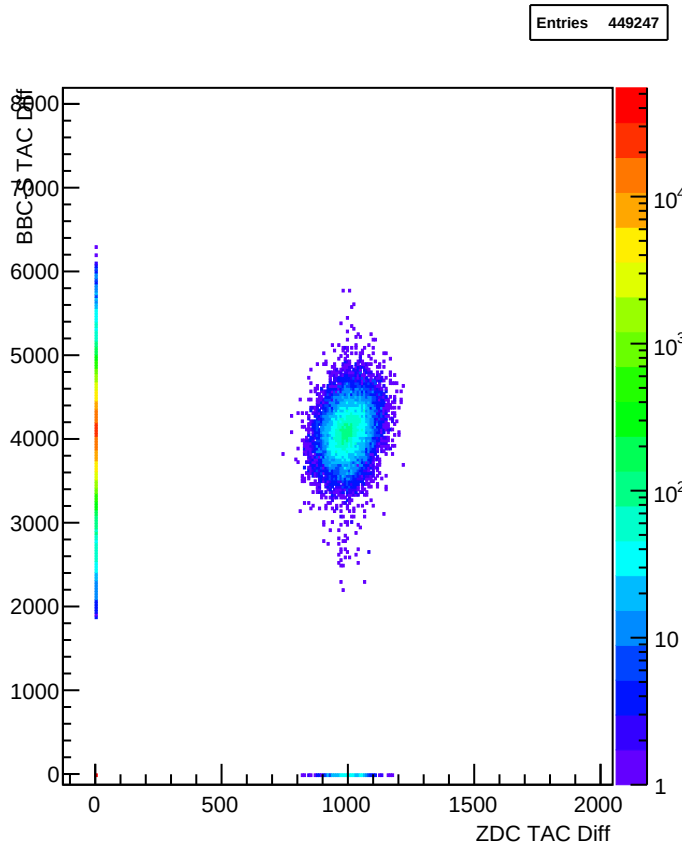

Entries 449247
VPD-East ADC Sum
ZDC-East ADC Sum Att

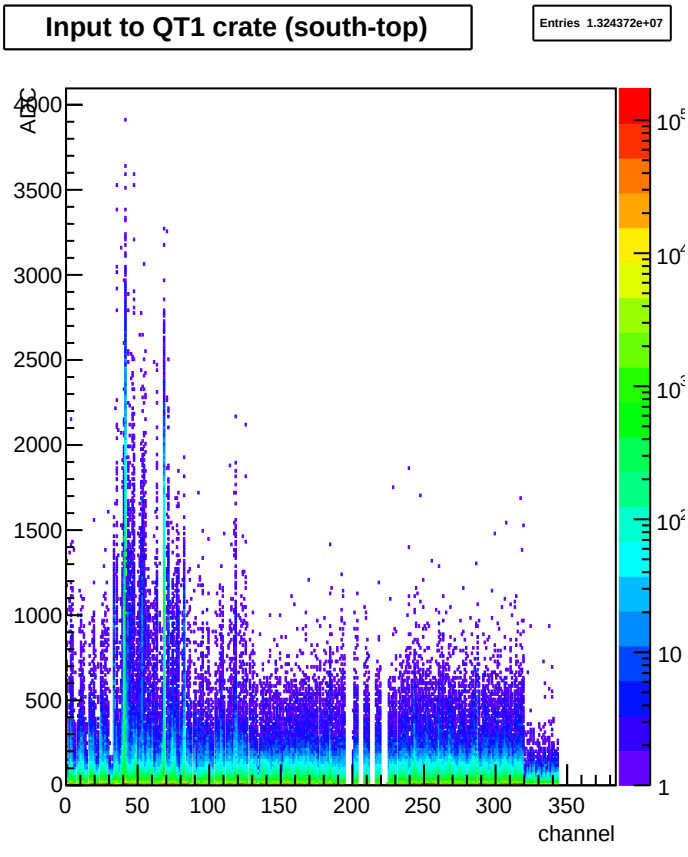

Entries 449247
VPD-West ADC Sum
ZDC-West ADC Sum Att

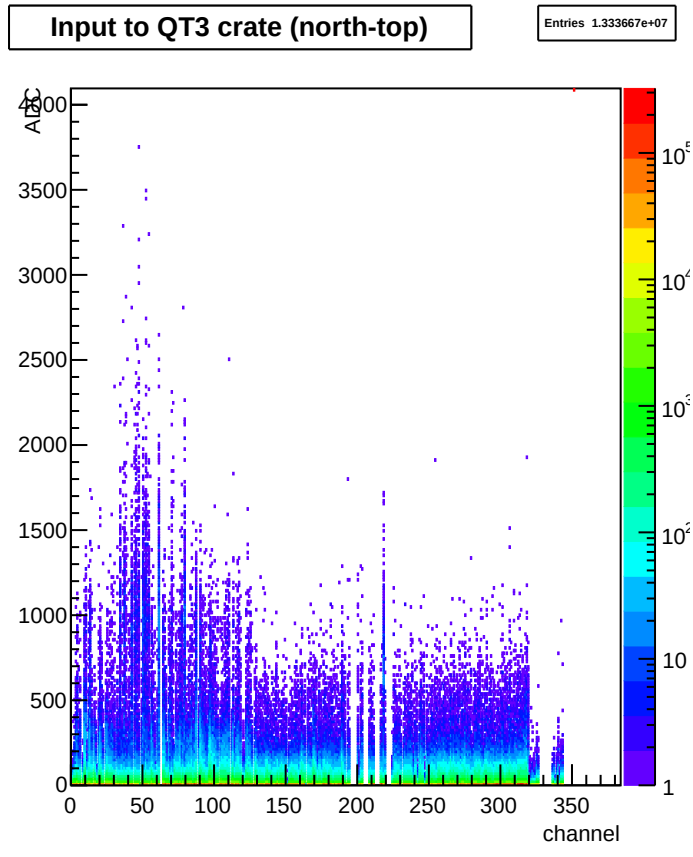

Entries 449247
BBC-S-East ADC Sum
BBC-S-West ADC Sum

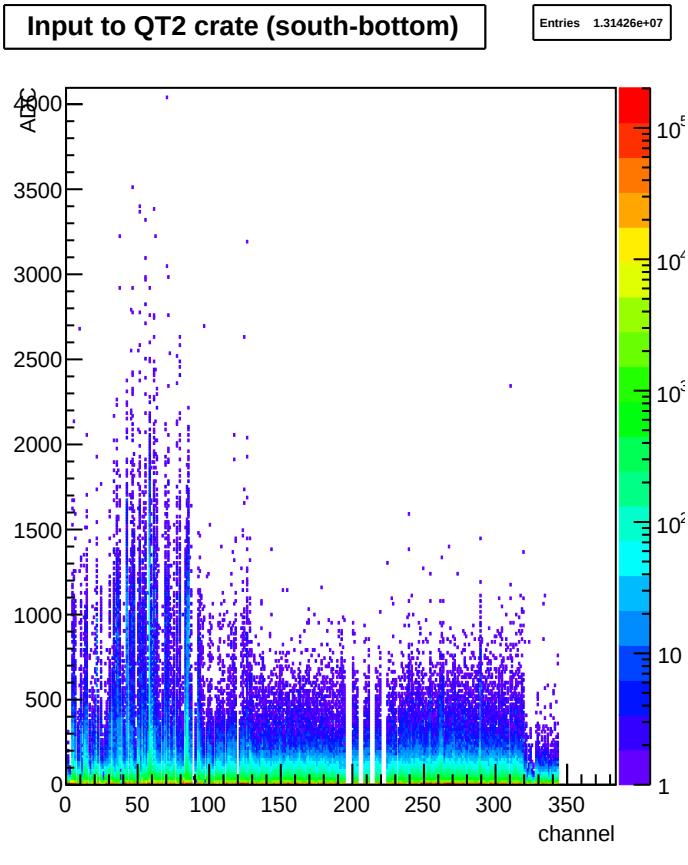

Entries 449247
ZDC East ADC Sum Att
ZDC West ADC Sum Att

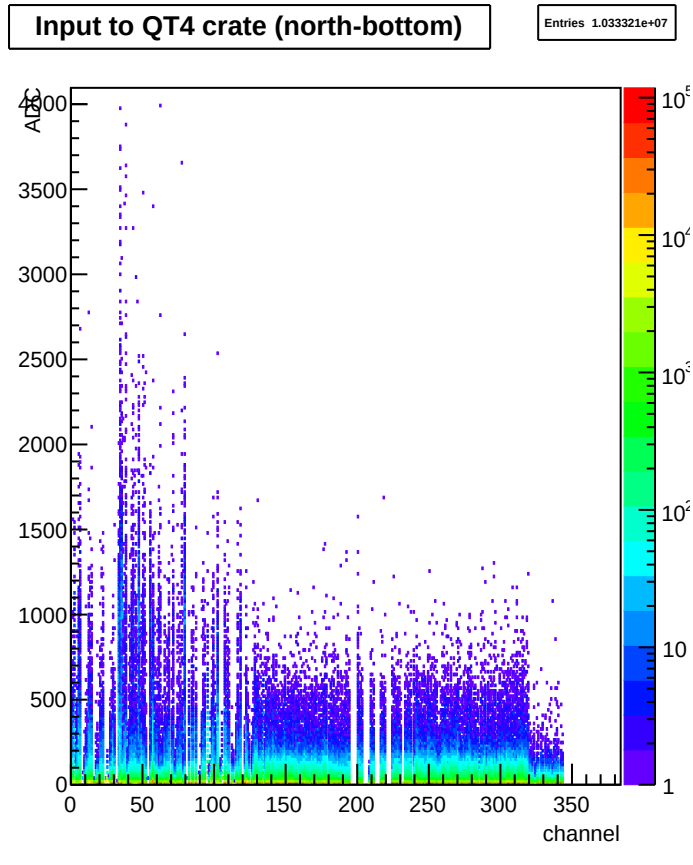

Entries 449247
VPD East ADC Sum
VPD West ADC Sum

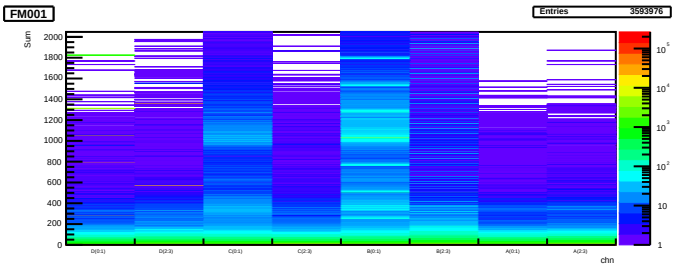

Entries 449247
BBC-S TAC Diff
ZDC TAC Diff

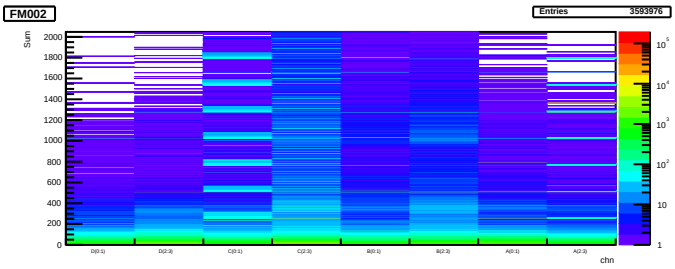

Input to QT1 crate (south-top)
Entries 1.324372e+07
ADC
channel

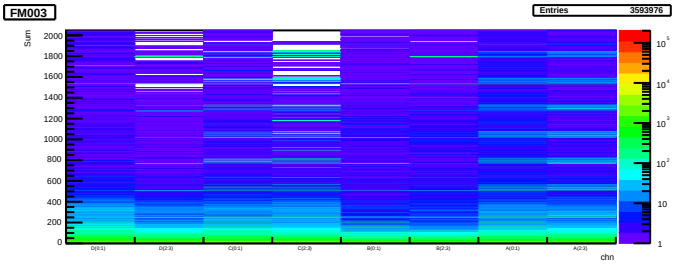

Input to QT3 crate (north-top)
Entries 1.333667e+07
ADC
channel

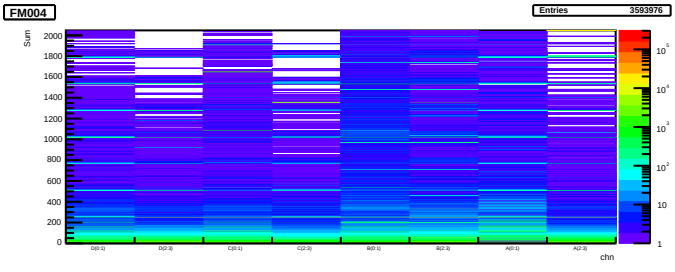

Input to QT2 crate (south-bottom)
Entries 1.31426e+07
ADC
channel

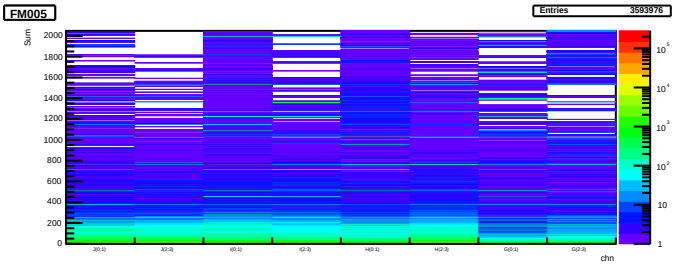

Input to QT4 crate (north-bottom)
Entries 1.033321e+07
ADC
channel

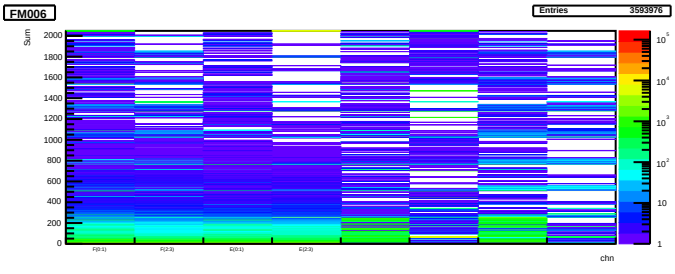

FM001
Entries 3593976
Sum
chn

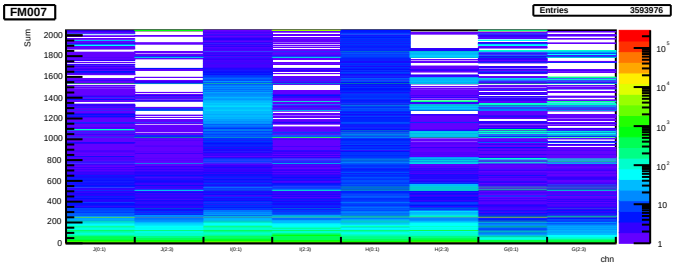

FM002
Entries 3593976
Sum
chn

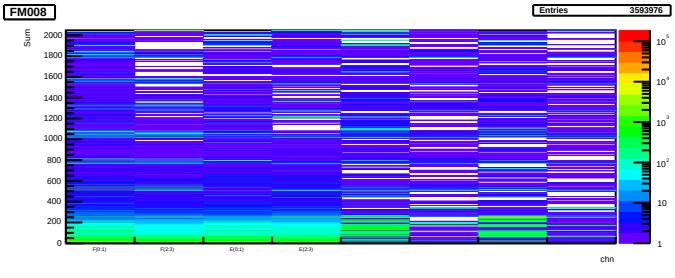

FM003
Entries 3593976
Sum
chn

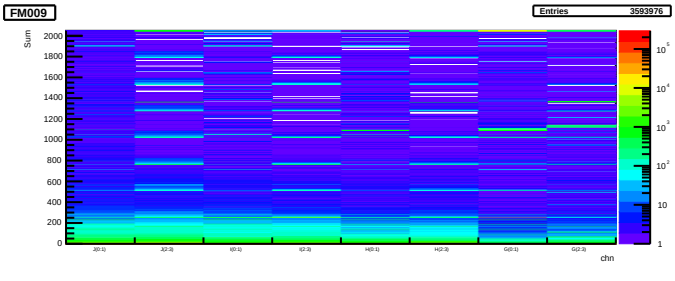

FM004
Entries 3593976
Sum
chn

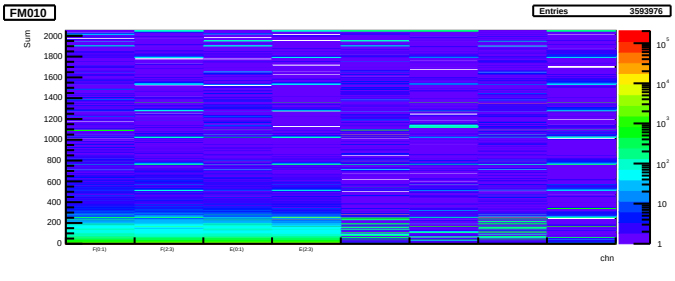

FM005
Entries 3593976
Sum
chn

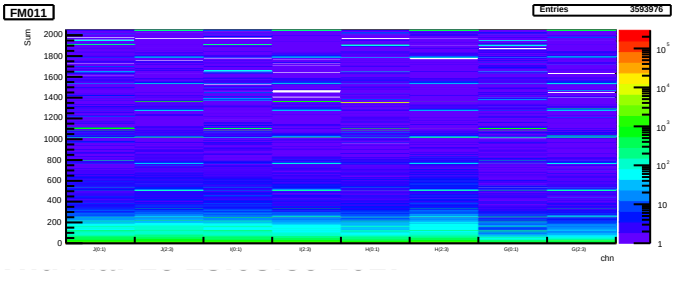

FM006
Entries 3593976
Sum
chn

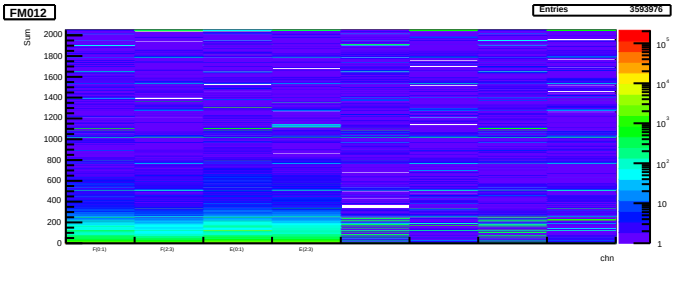

FM007
Entries 3593976
Sum
chn


FM008
Entries 3593976
Sum
chn


FM009
Entries 3593976
Sum
chn


FM010
Entries 3593976
Sum
chn


FM011
Entries 3593976
Sum
chn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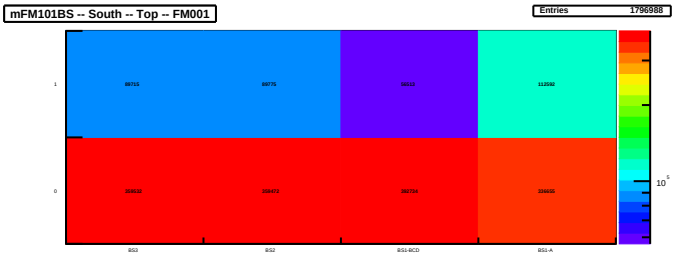
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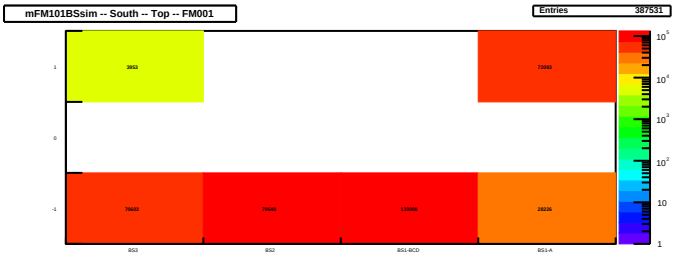
Entries 1796988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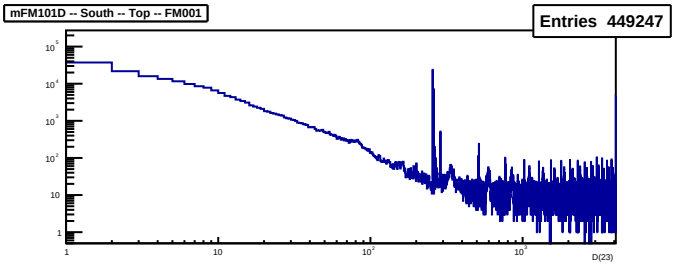
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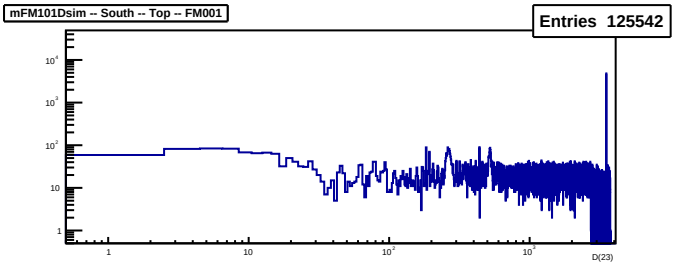
D(23)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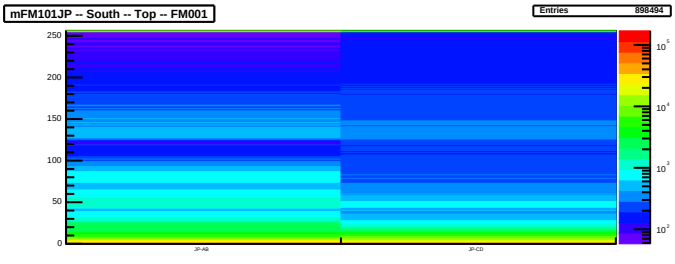
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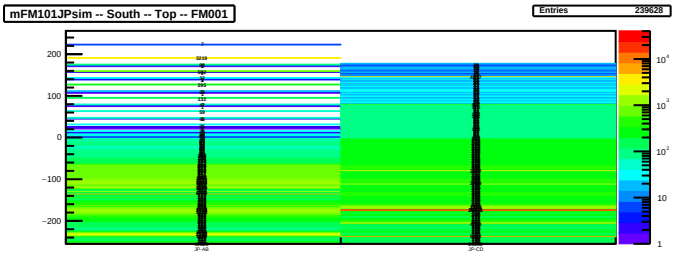
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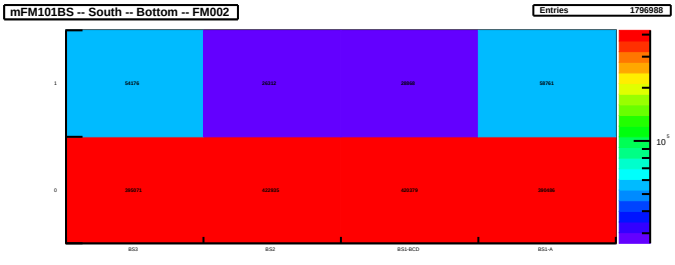
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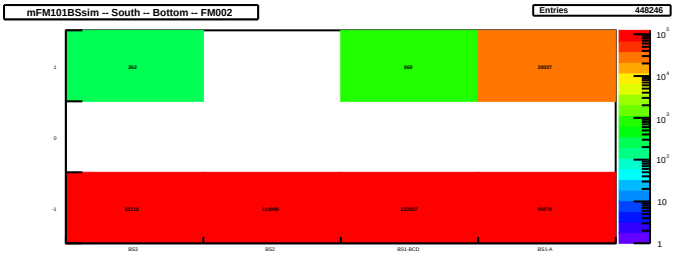
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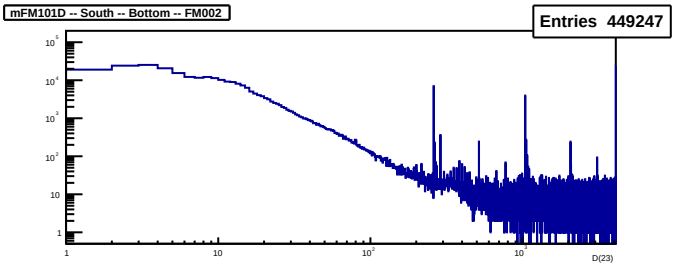
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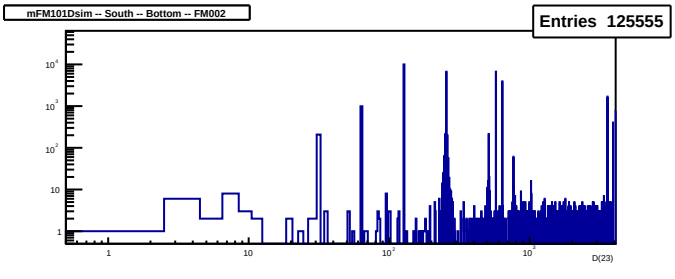
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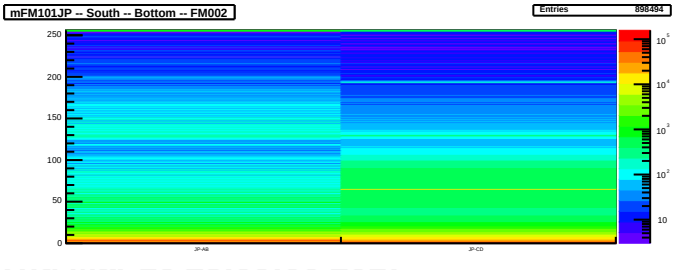
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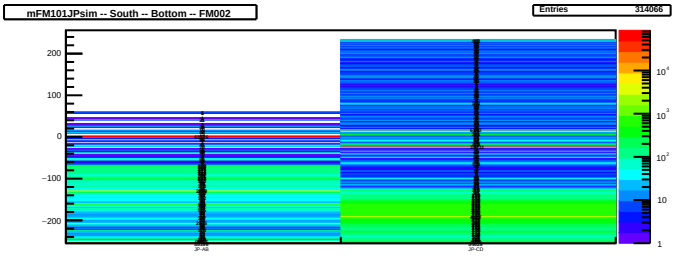
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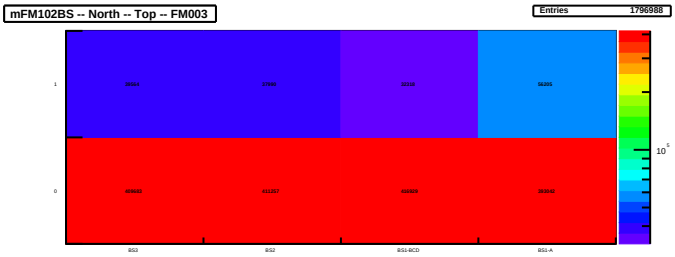
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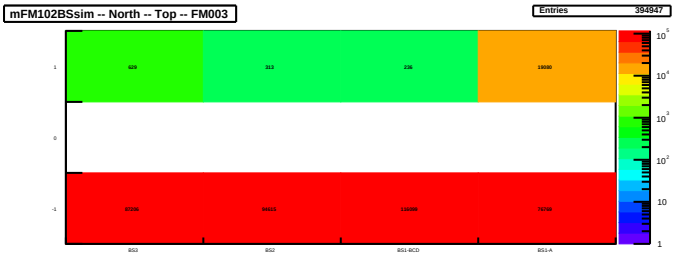
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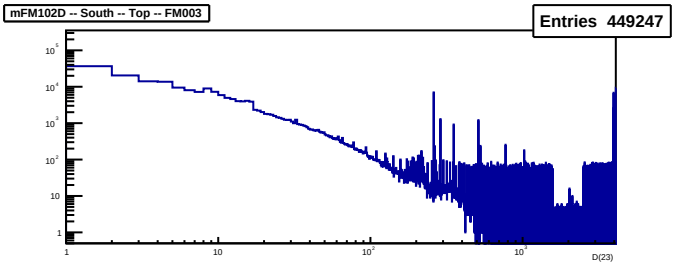
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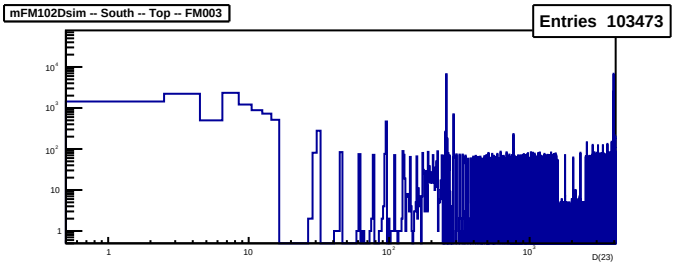
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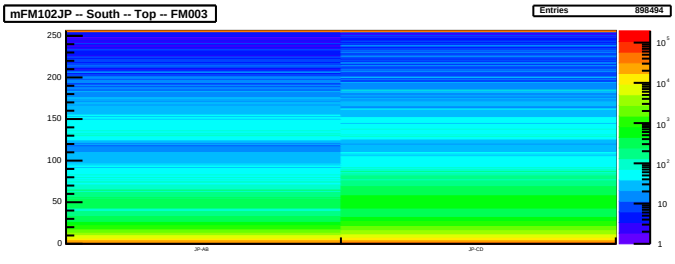
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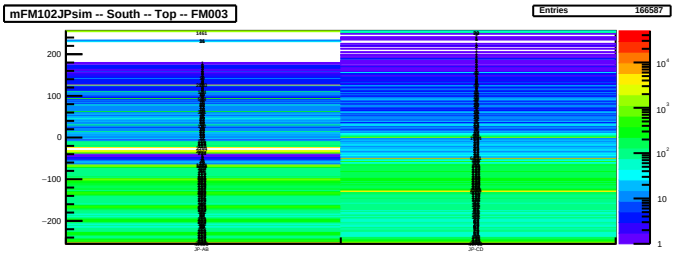
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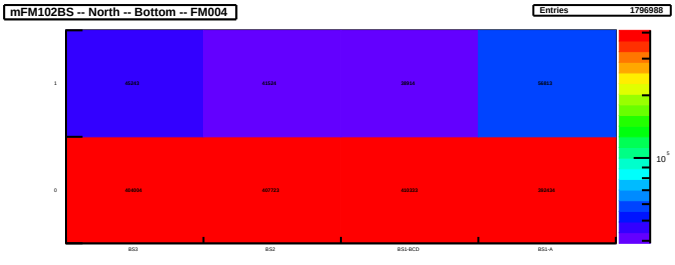
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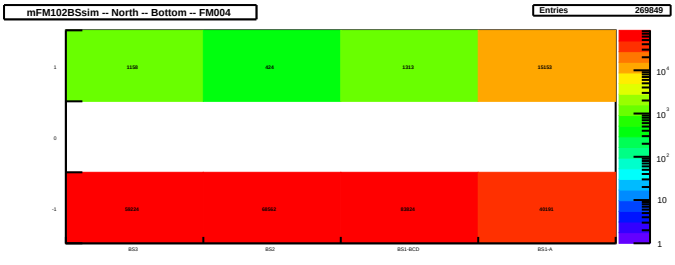
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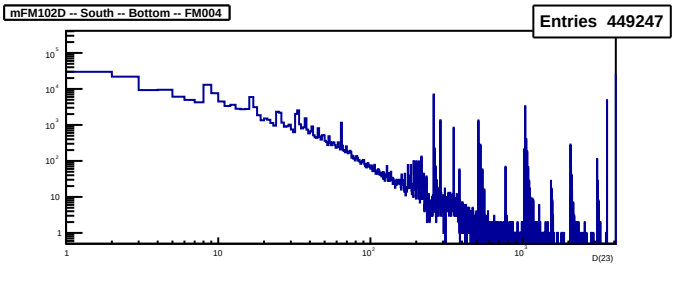
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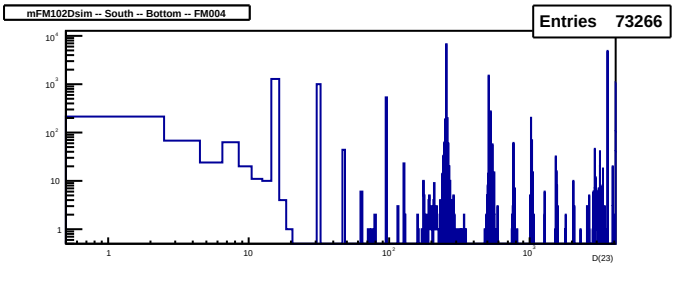
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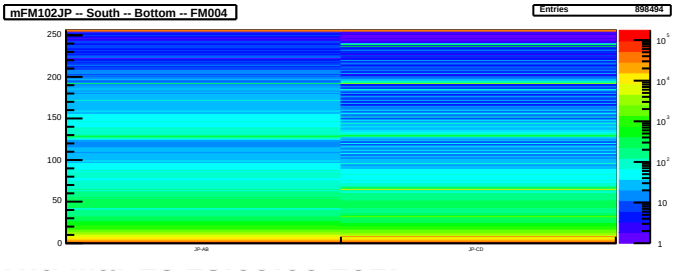
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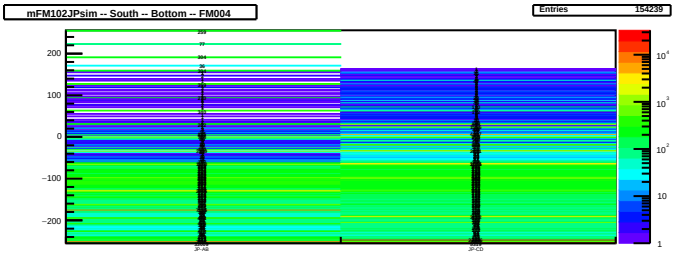
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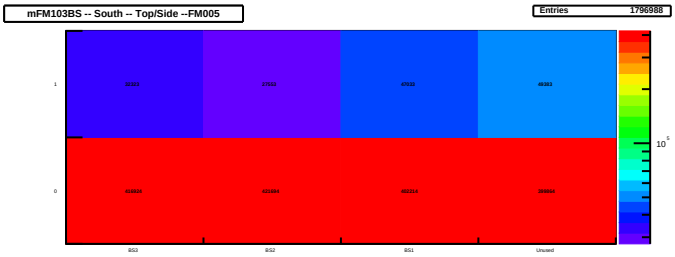
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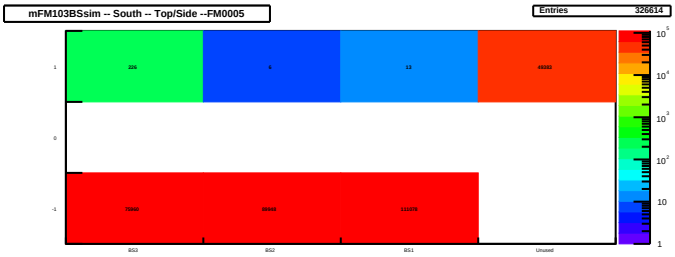
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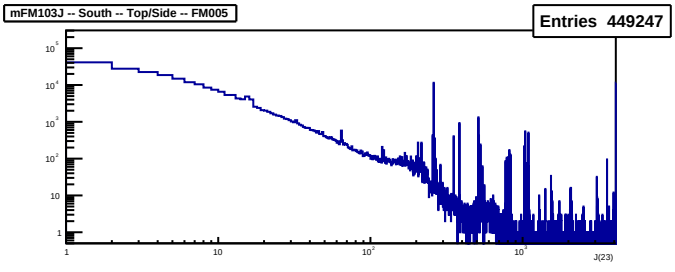
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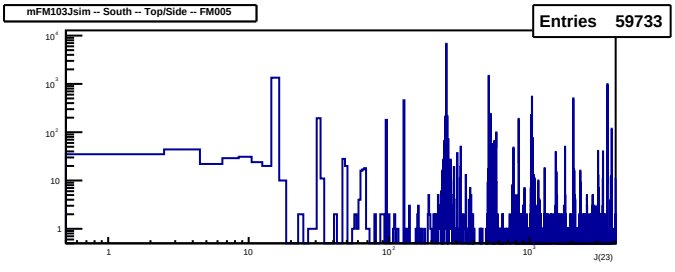
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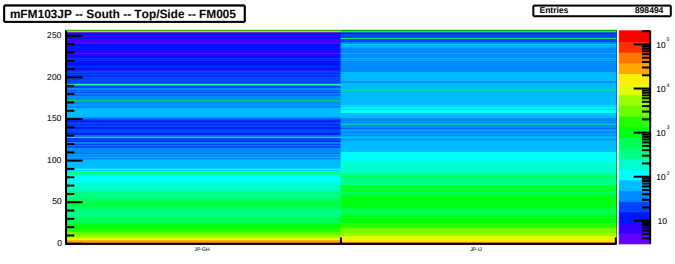
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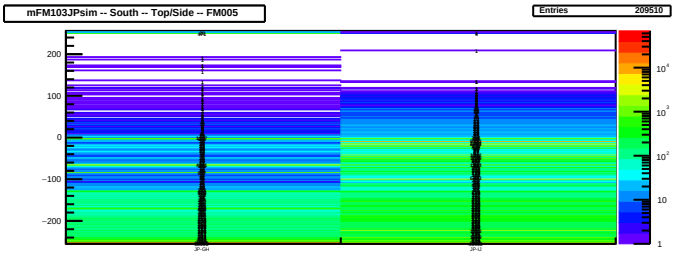
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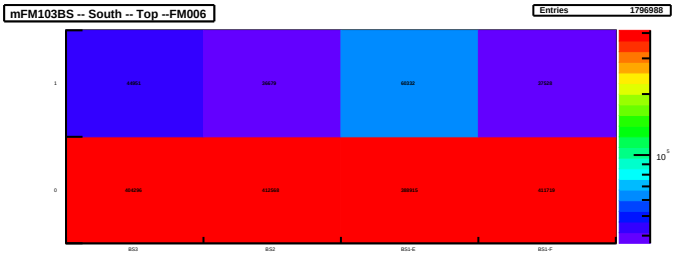
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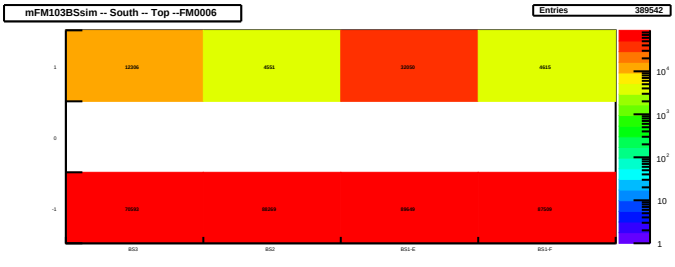
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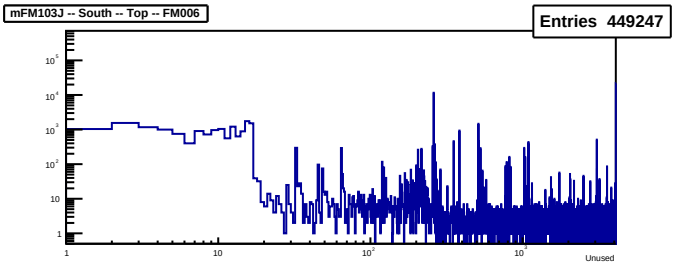
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Entries 449247
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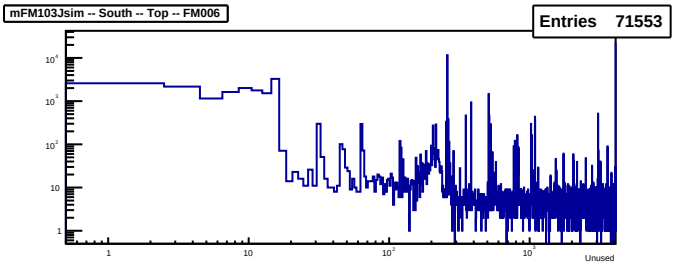
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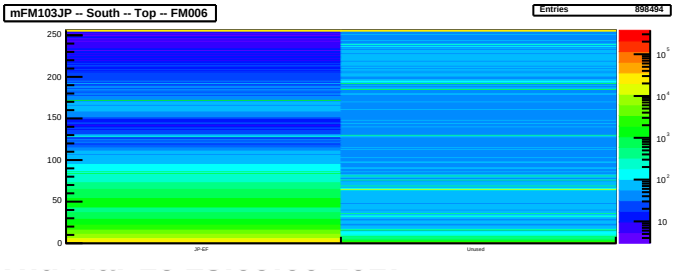
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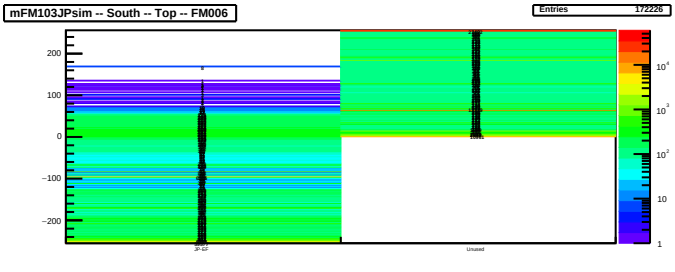
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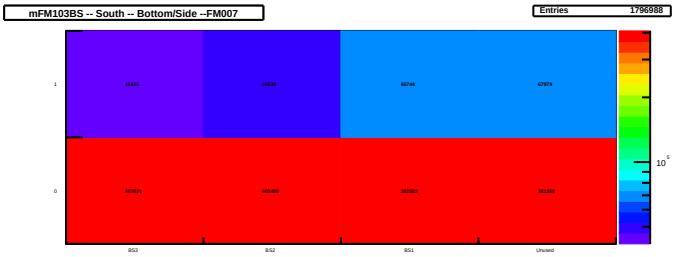
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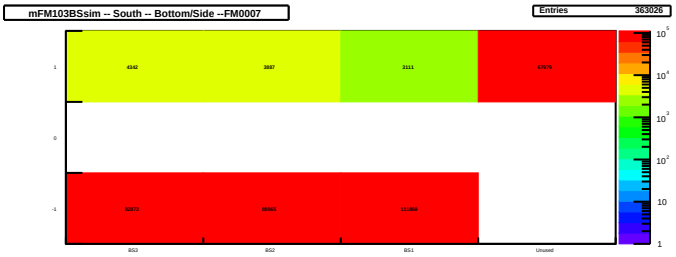
Entries 1796988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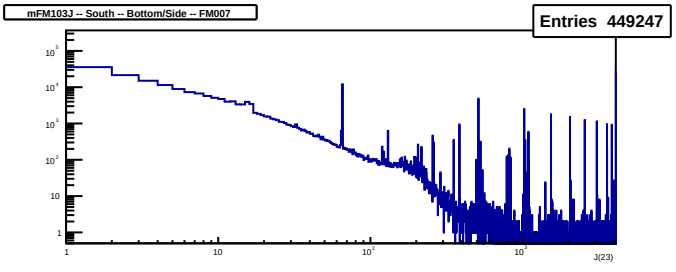
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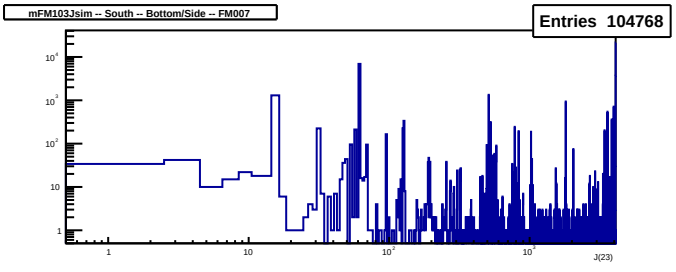
Entries 449247
J(23)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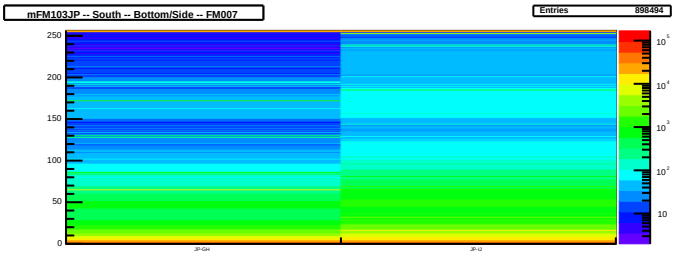
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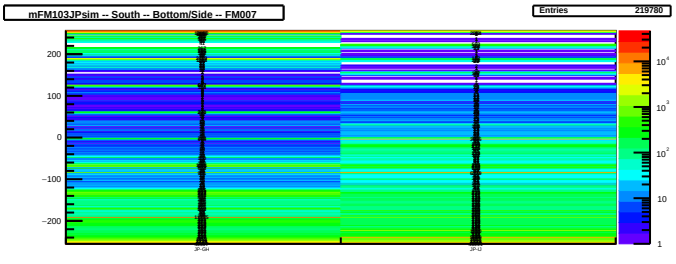
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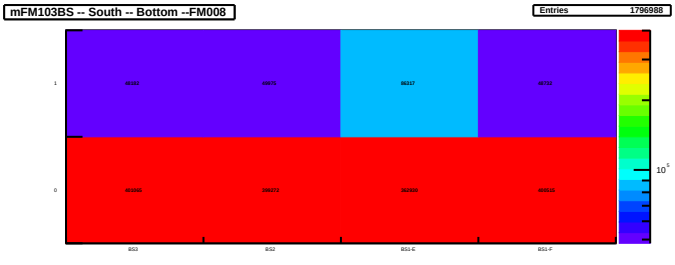
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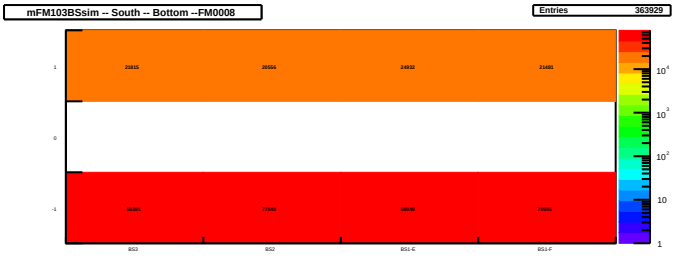
Entries 1796988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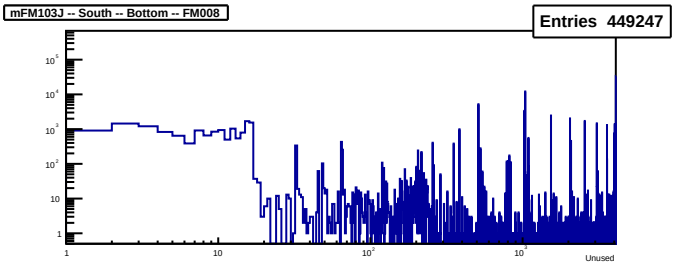
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Entries 449247
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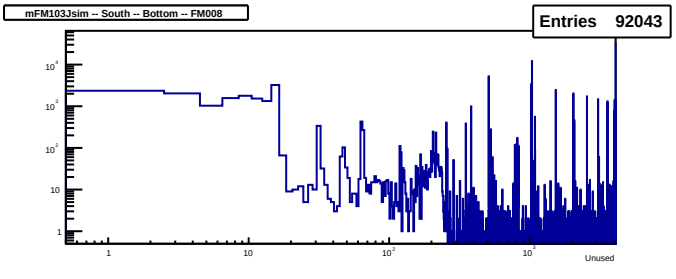
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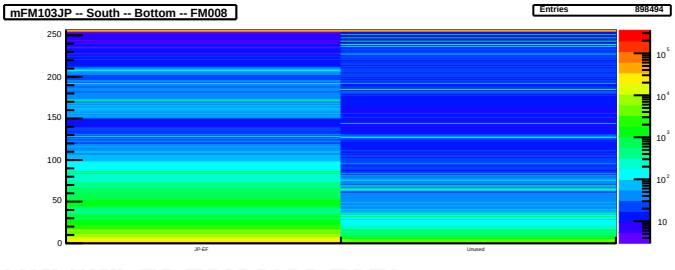
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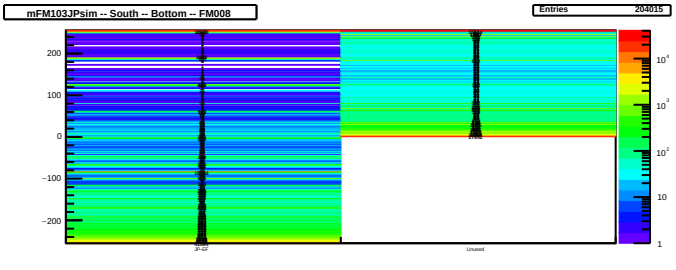
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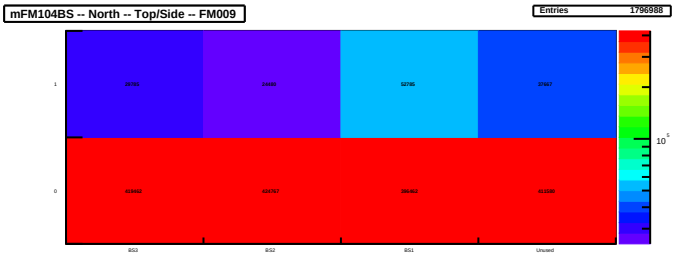
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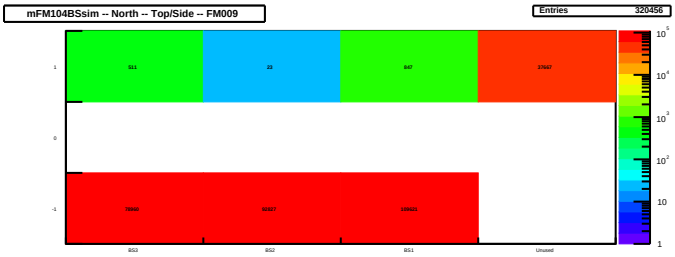
Entries 1796988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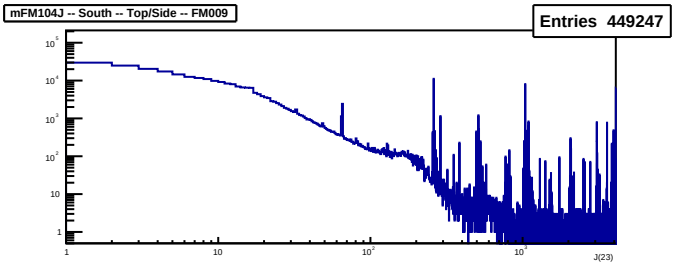
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Entries 449247
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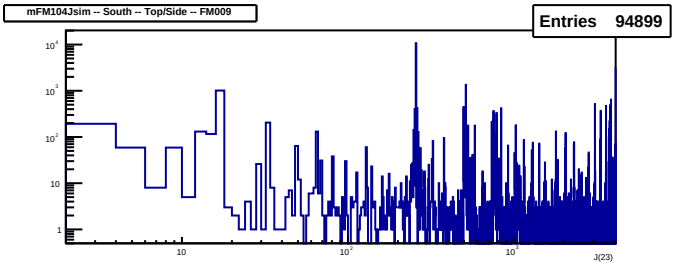
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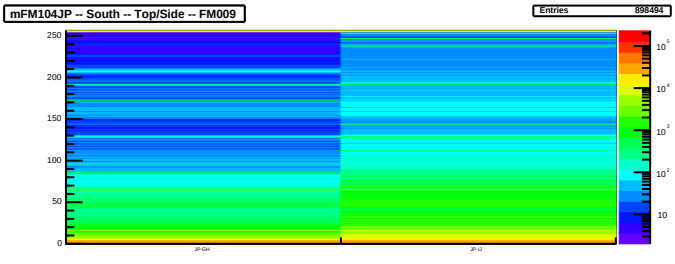
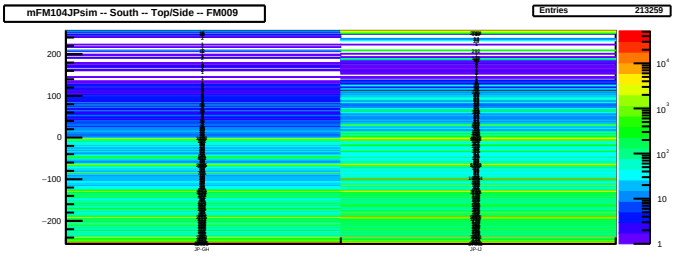
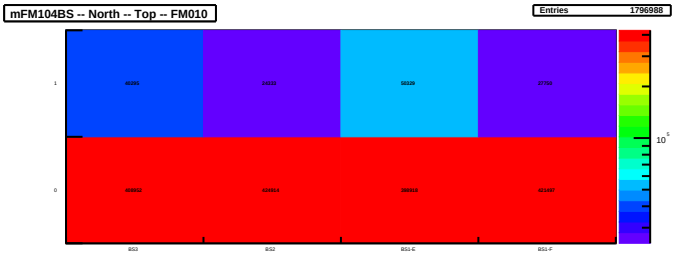
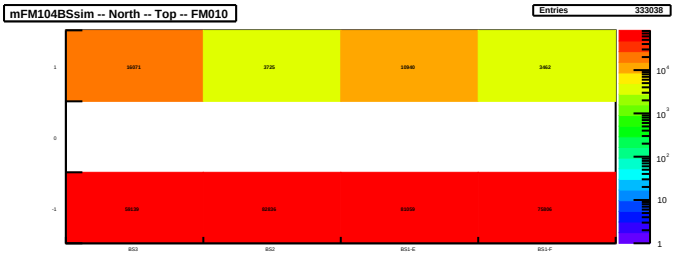
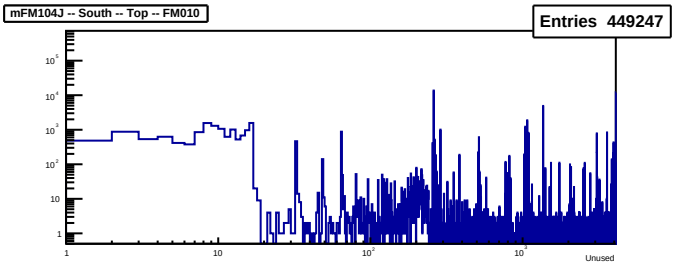
Entries 94899
J(23)

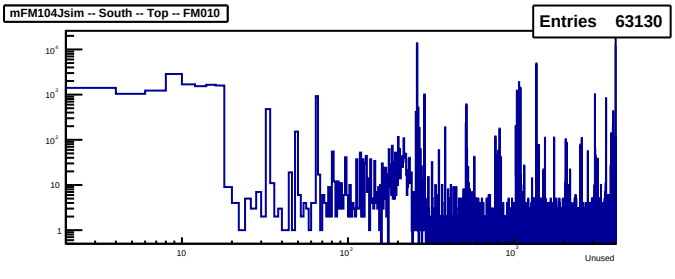

mFM104JP -- South -- Top/Side -- FM009
Entries 898494

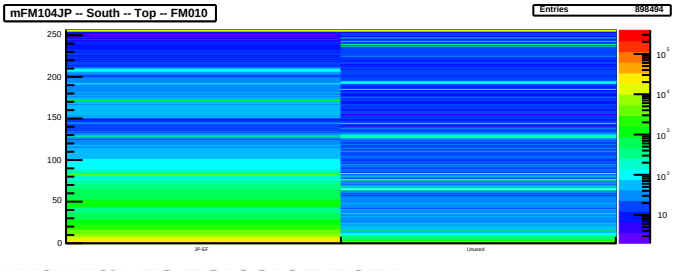

mFM104JPsim -- South -- Top/Side -- FM009
Entries 213259

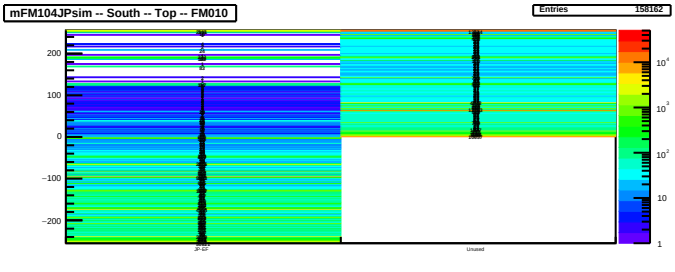

mFM104BS -- North -- Top -- FM010
Entries 1796988

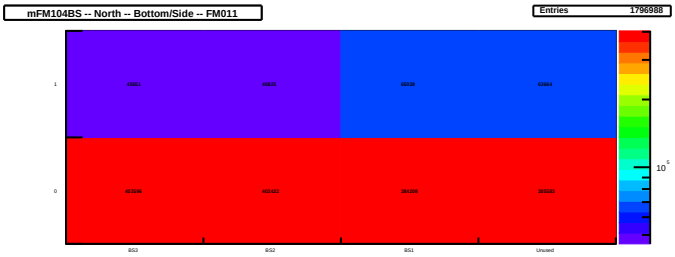

mFM104BSsim -- North -- Top -- FM010
Entries 333038

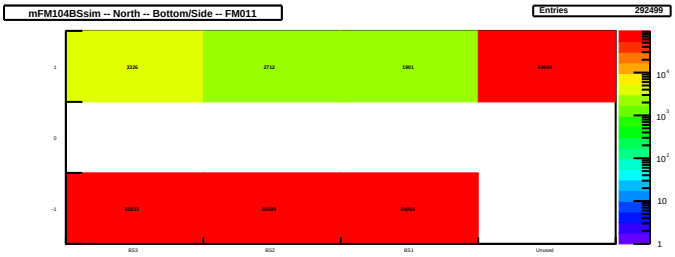

mFM104J -- South -- Top -- FM010
Entries 449247
Unused

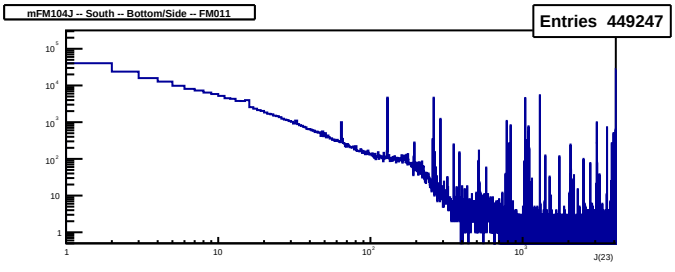

mFM104Jsim -- South -- Top -- FM010
Entries 63130
Unused

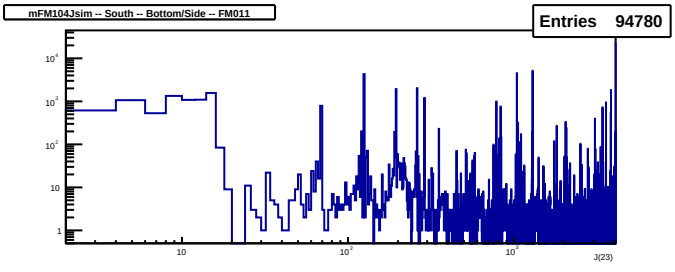

mFM104JP -- South -- Top -- FM010
Entries 898494

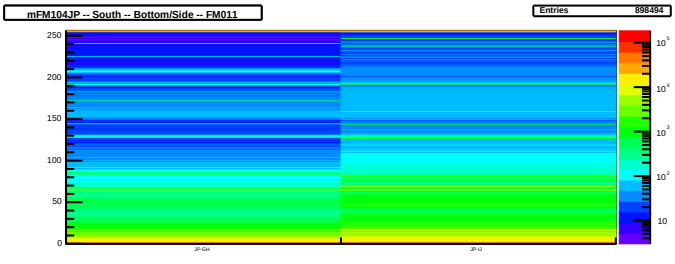

mFM104JPsim -- South -- Top -- FM010
Entries 158162

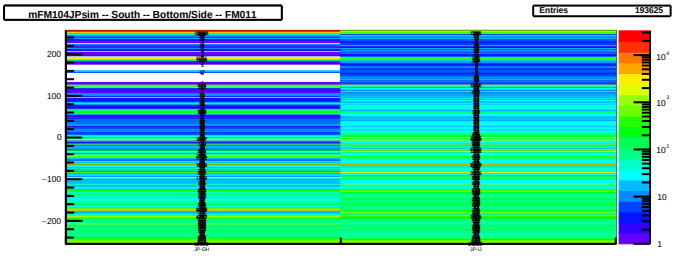

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1796988

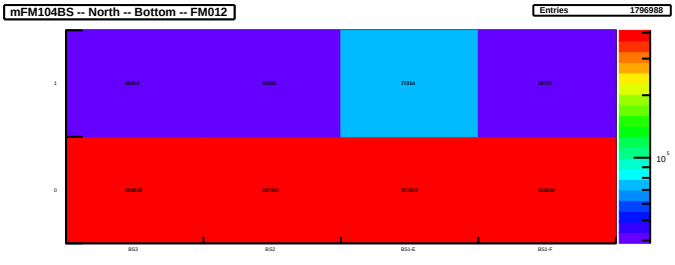

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 292499

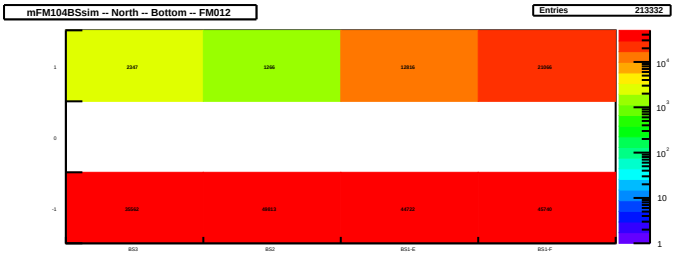

mFM104J -- South -- Bottom/Side -- FM011
Entries 449247
J(23)

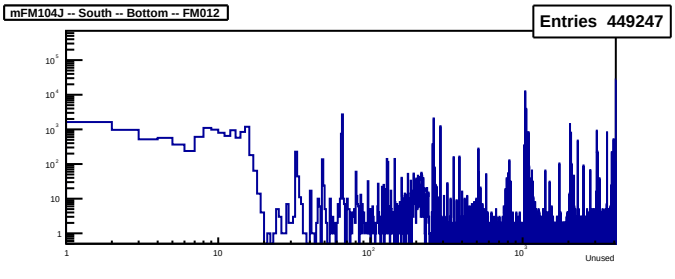

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 94780
J(23)

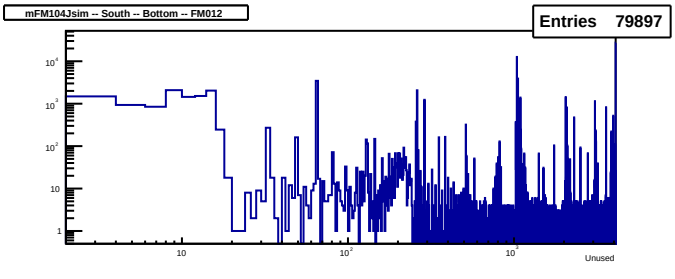

mFM104JP -- South -- Bottom/Side -- FM011
Entries 898494

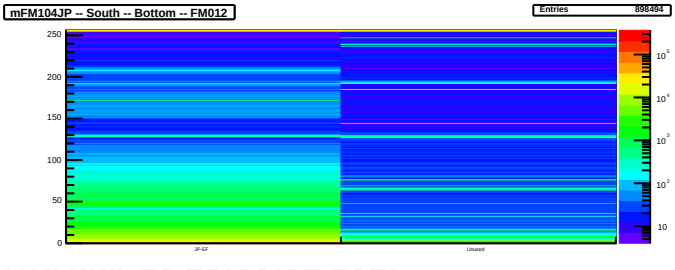

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 193625

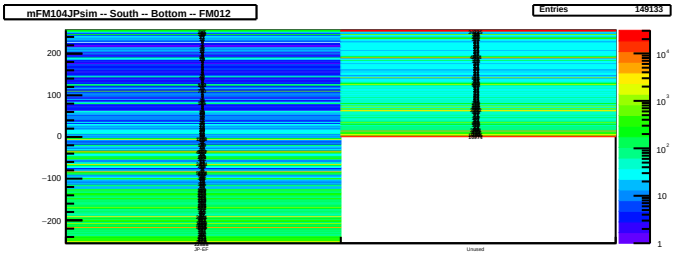

mFM104BS -- North -- Bottom -- FM012
Entries 1796988

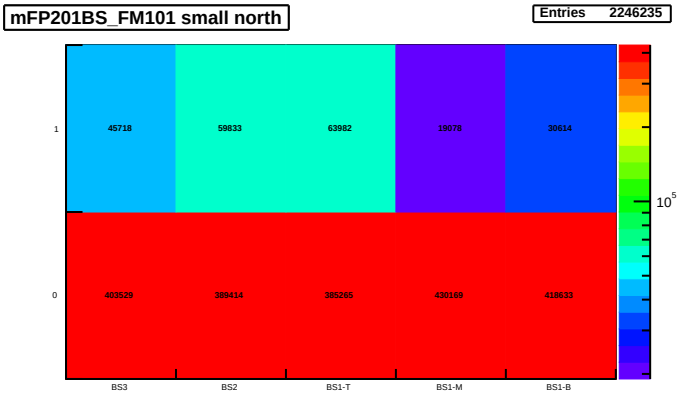

mFM104BSsim -- North -- Bottom -- FM012
Entries 213332

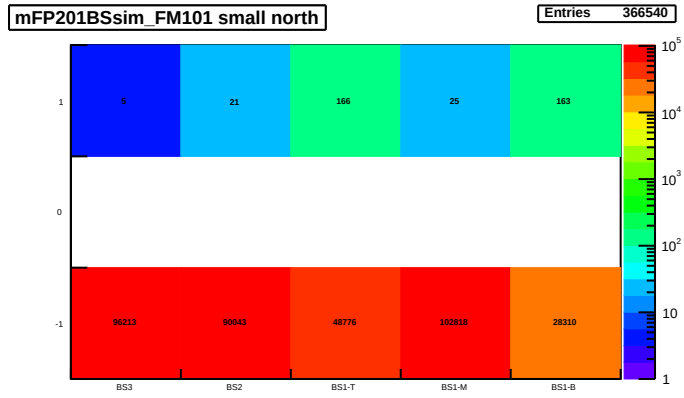

mFM104J -- South -- Bottom -- FM012
Entries 449247
Unused

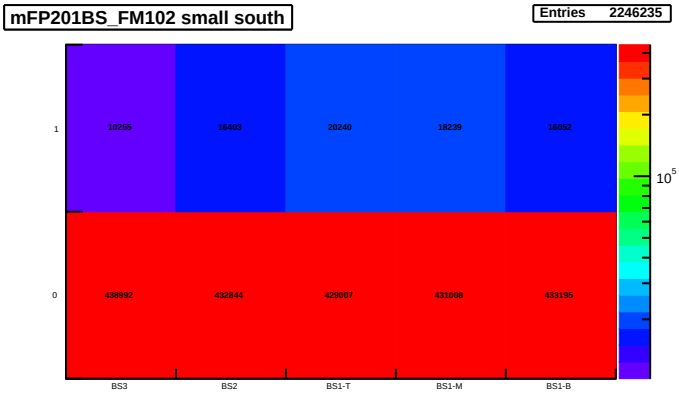

mFM104Jsim -- South -- Bottom -- FM012
Entries 79897
Unused

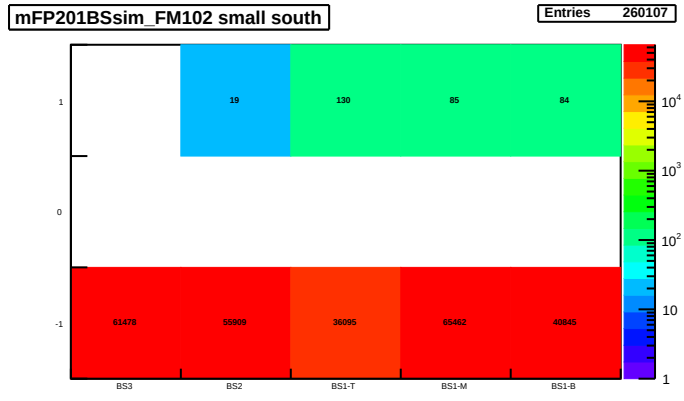

mFM104JP -- South -- Bottom -- FM012
Entries 898494

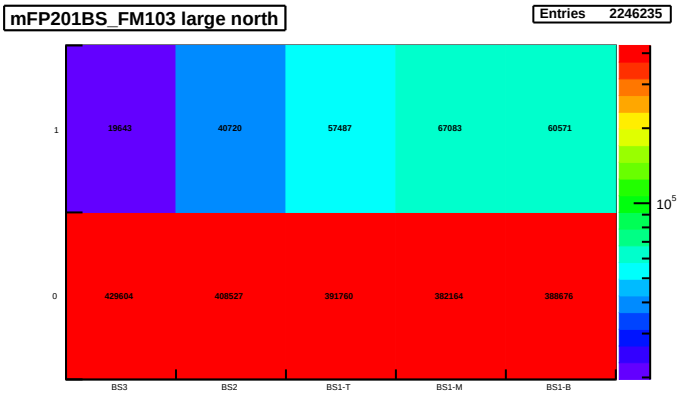

mFM104JPsim -- South -- Bottom -- FM012
Entries 149133

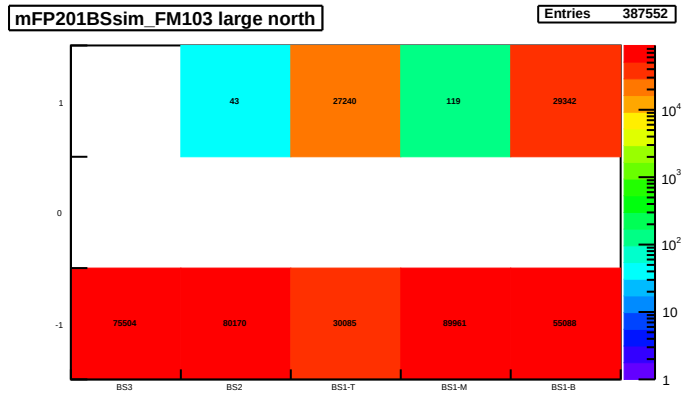

mFP201BS_FM101 small north
Entries 2246235
45718
59833
63982
19078
30614
403529
389414
385265
430169
418633
BS3
BS2
BS1-T
BS1-M
BS1-B

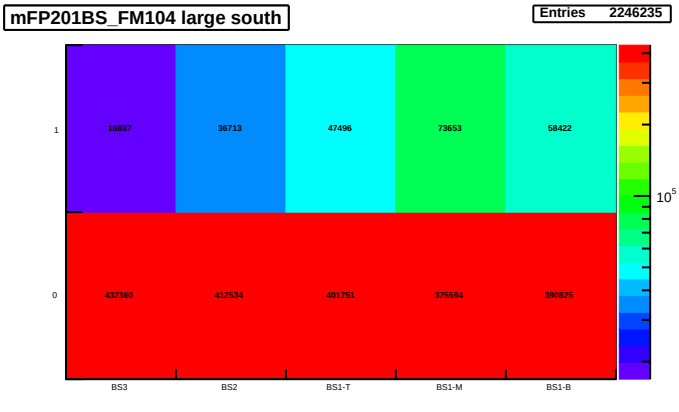

mFP201BSsim_FM101 small north
Entries 366540
5
21
166
25
163
96213
90043
48776
102818
28310
BS3
BS2
BS1-T
BS1-M
BS1-B

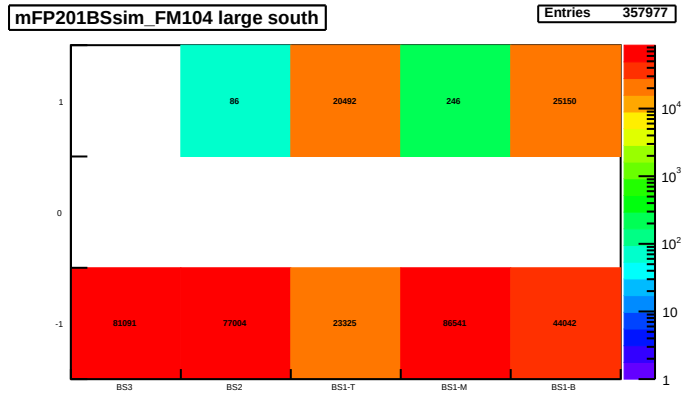

mFP201BS_FM102 small south
Entries 2246235
10255
16403
20240
18239
16052
438992
432844
429007
431008
433195
BS3
BS2
BS1-T
BS1-M
BS1-B

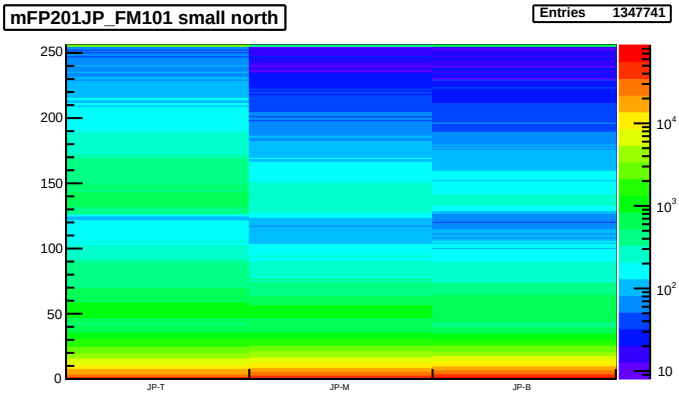

mFP201BSsim_FM102 small south
Entries 260107
19
130
85
84
61478
55909
36095
65462
40845
BS3
BS2
BS1-T
BS1-M
BS1-B

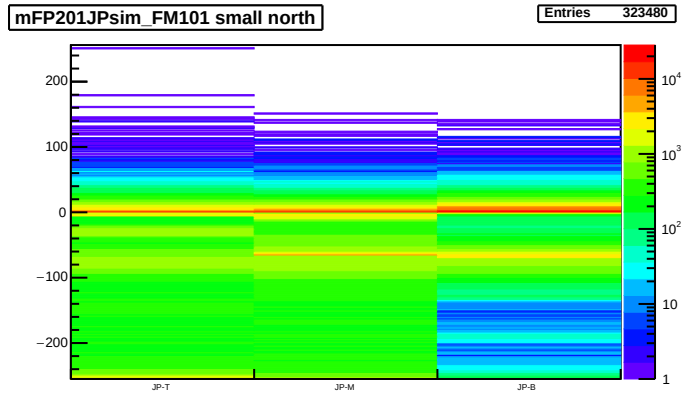

mFP201BS_FM103 large north
Entries 2246235
19643
40720
57487
67083
60571
429604
408527
391760
382164
388676
BS3
BS2
BS1-T
BS1-M
BS1-B

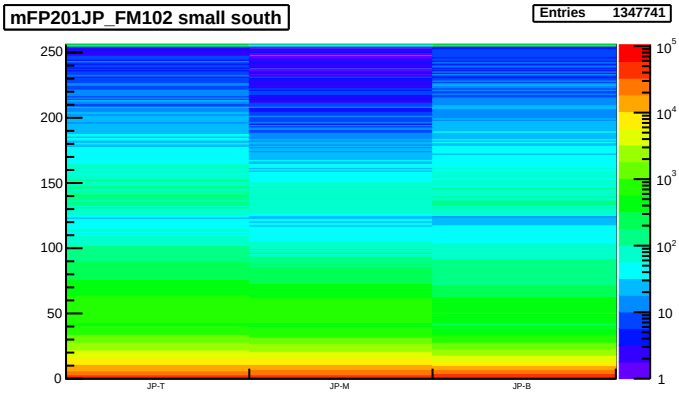

mFP201BSsim_FM103 large north
Entries 387552
43
27240
119
29342
75504
80170
30085
89961
55088
BS3
BS2
BS1-T
BS1-M
BS1-B

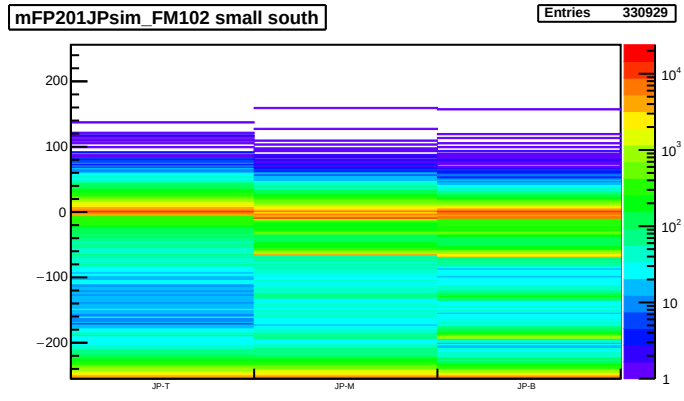

mFP201BS_FM104 large south
Entries 2246235
16887
36713
47496
73653
58422
432360
412534
401751
375594
390825
BS3
BS2
BS1-T
BS1-M
BS1-B

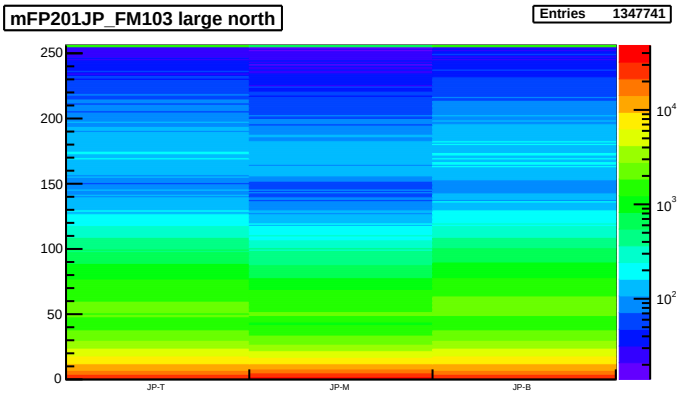

mFP201BSsim_FM104 large south
Entries 357977
86
20492
246
25150
81091
77004
23325
86541
44042
BS3
BS2
BS1-T
BS1-M
BS1-B

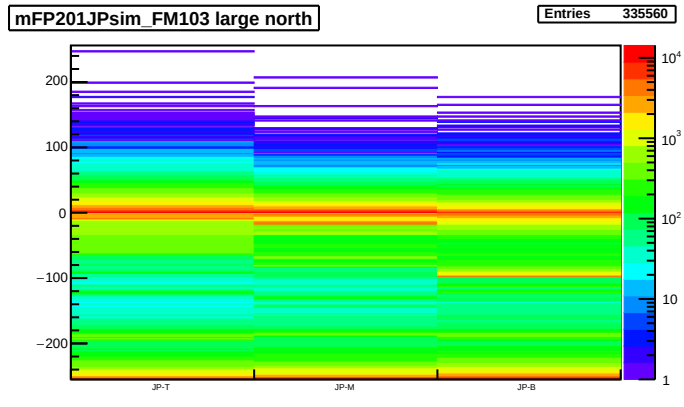

mFP201JP_FM101 small north
Entries 1347741
JP-T
JP-M
JP-B

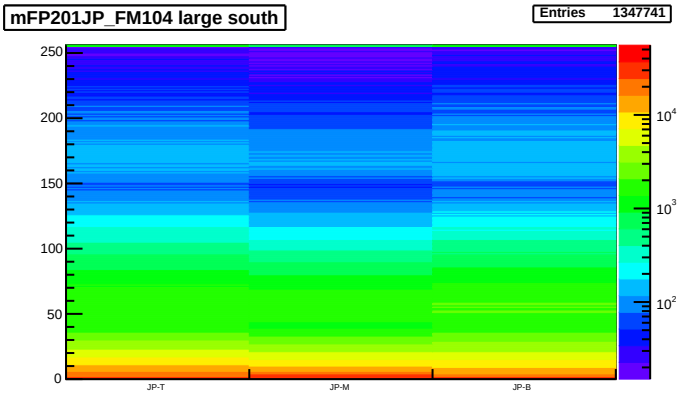

mFP201JPsim_FM101 small north
Entries 323480
JP-T
JP-M
JP-B

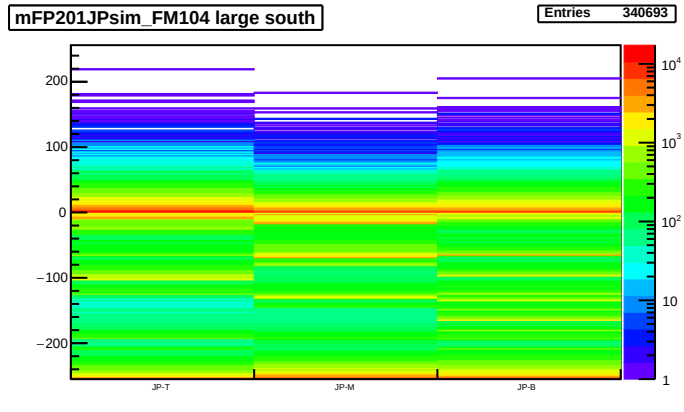

mFP201JP_FM102 small south
Entries 1347741
JP-T
JP-M
JP-B

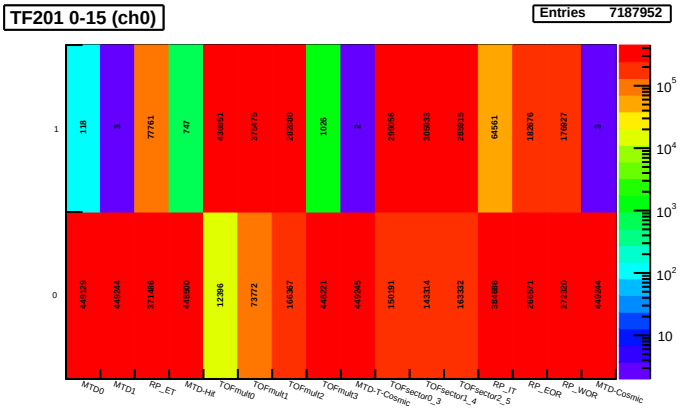

mFP201JPsim_FM102 small south
Entries 330929
JP-T
JP-M
JP-B

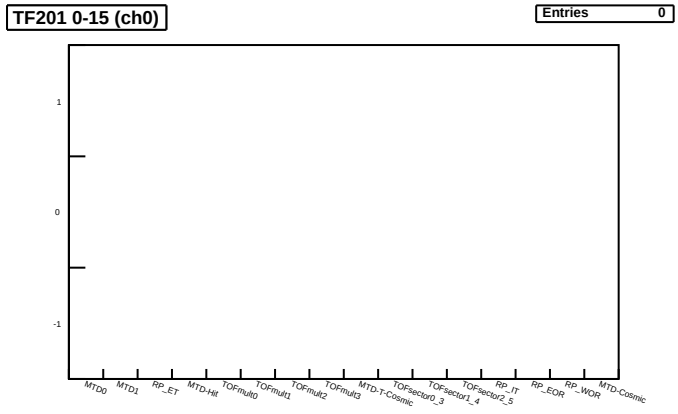

mFP201JP_FM103 large north
Entries 1347741
JP-T
JP-M
JP-B

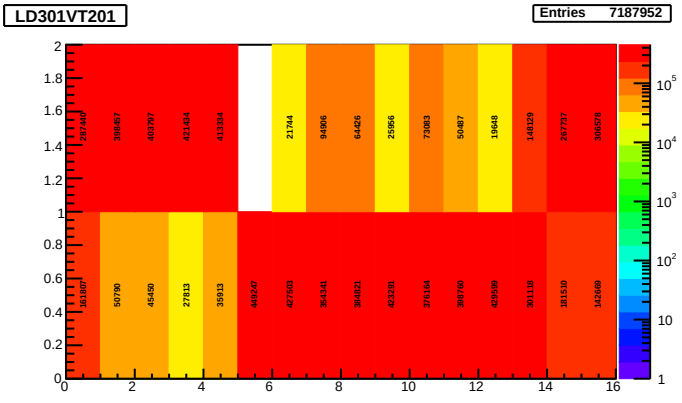

mFP201JPsim_FM103 large north
Entries 335560
JP-T
JP-M
JP-B

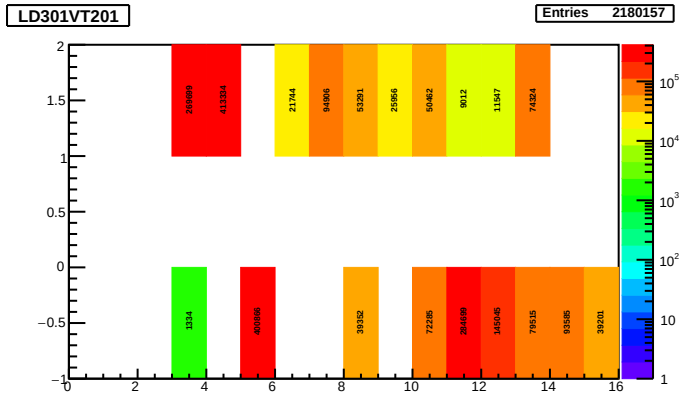

mFP201JP_FM104 large south
Entries 1347741
JP-T
JP-M
JP-B

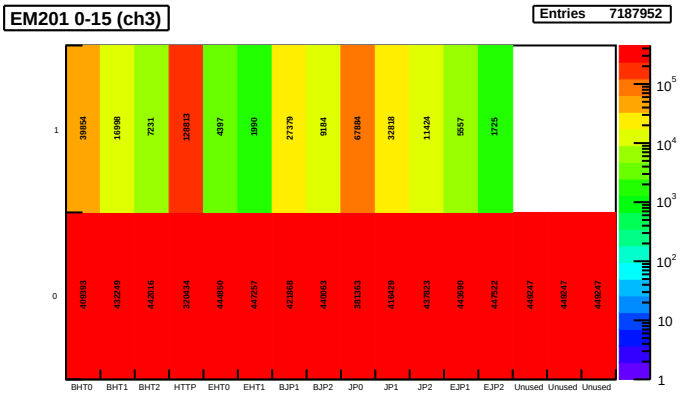

mFP201JPsim_FM104 large south
Entries 340693
JP-T
JP-M
JP-B

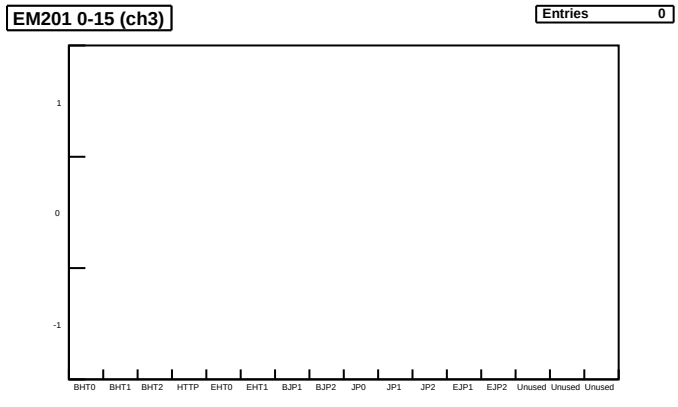

TF201 0-15 (ch0)
Entries 7187952
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

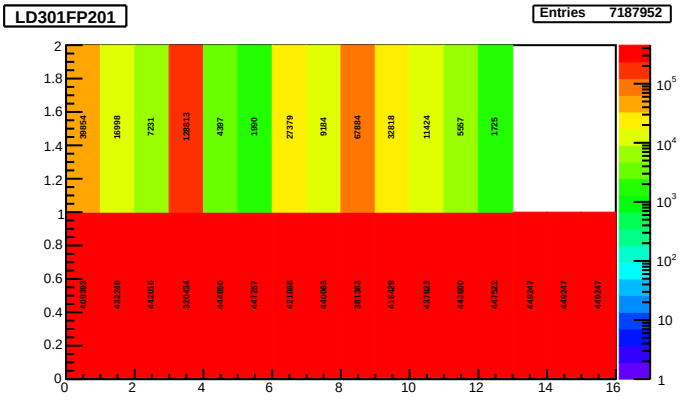

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

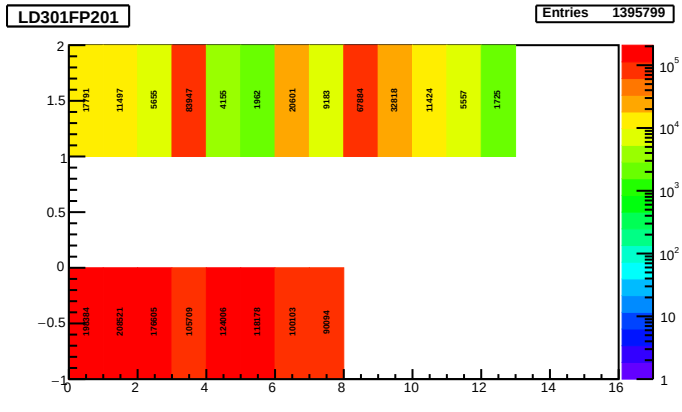

LD301VT201
Entries 7187952


LD301VT201
Entries 2180157


EM201 0-15 (ch3)
Entries 7187952
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 7187952


LD301FP201
Entries 1395799