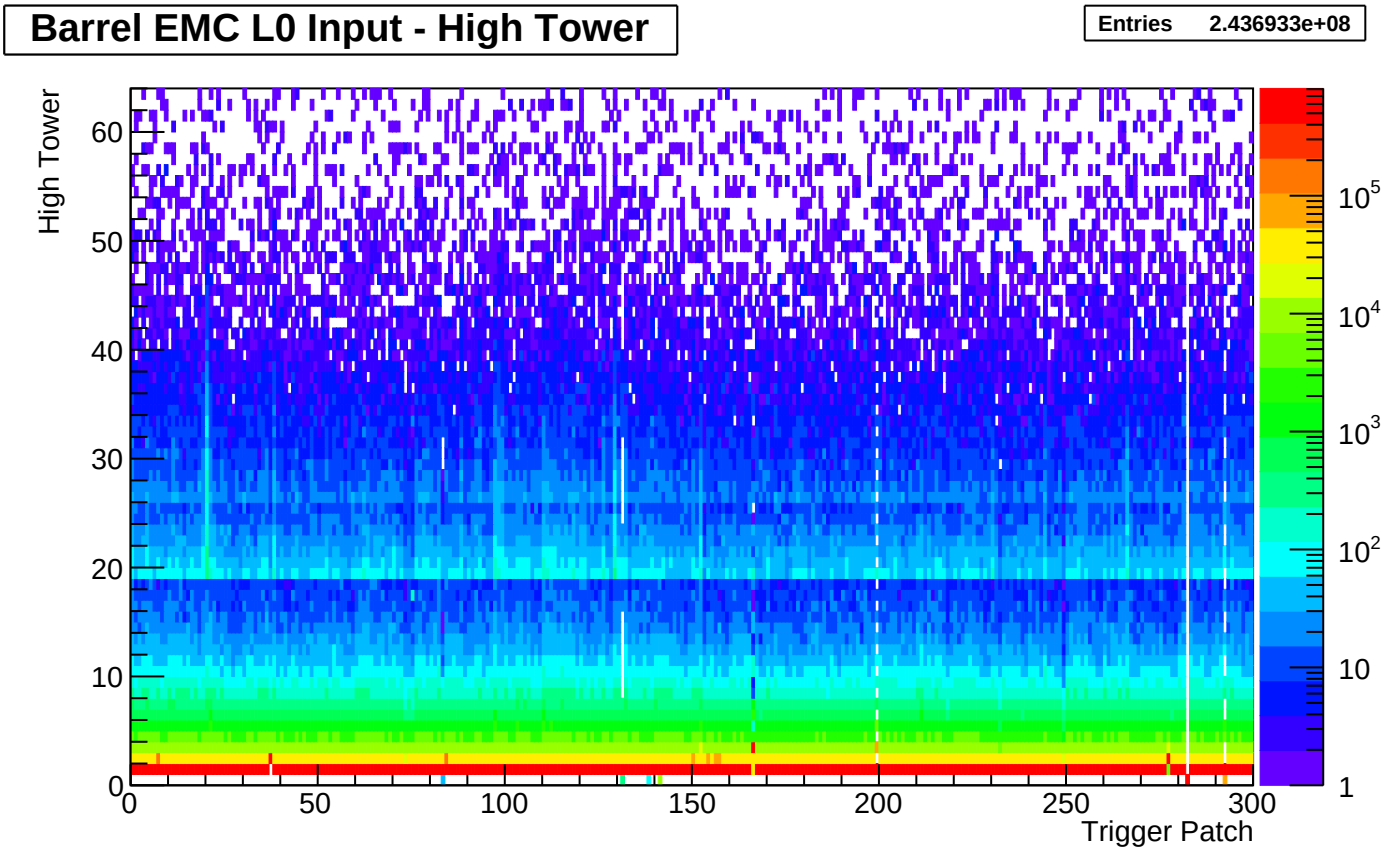
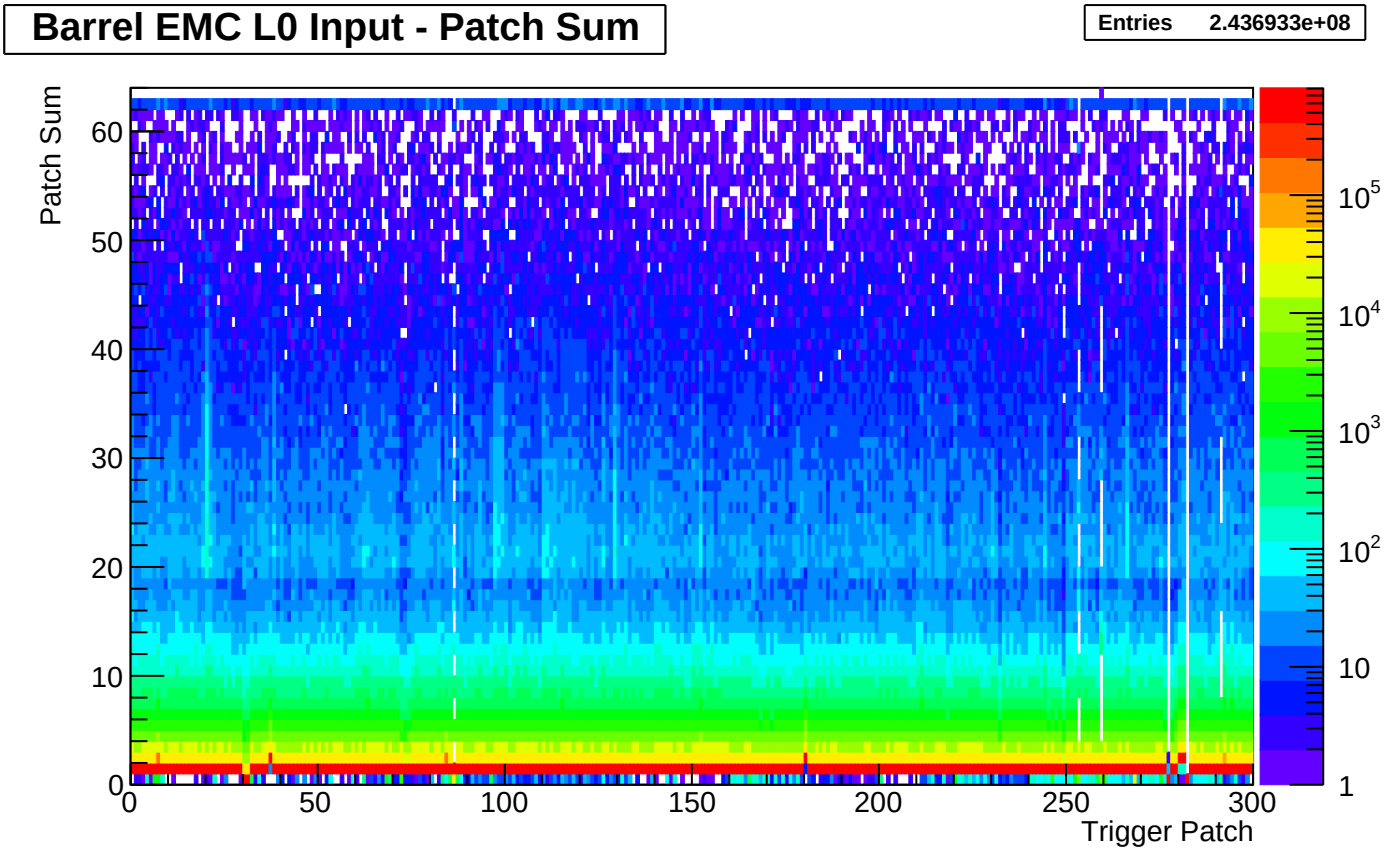
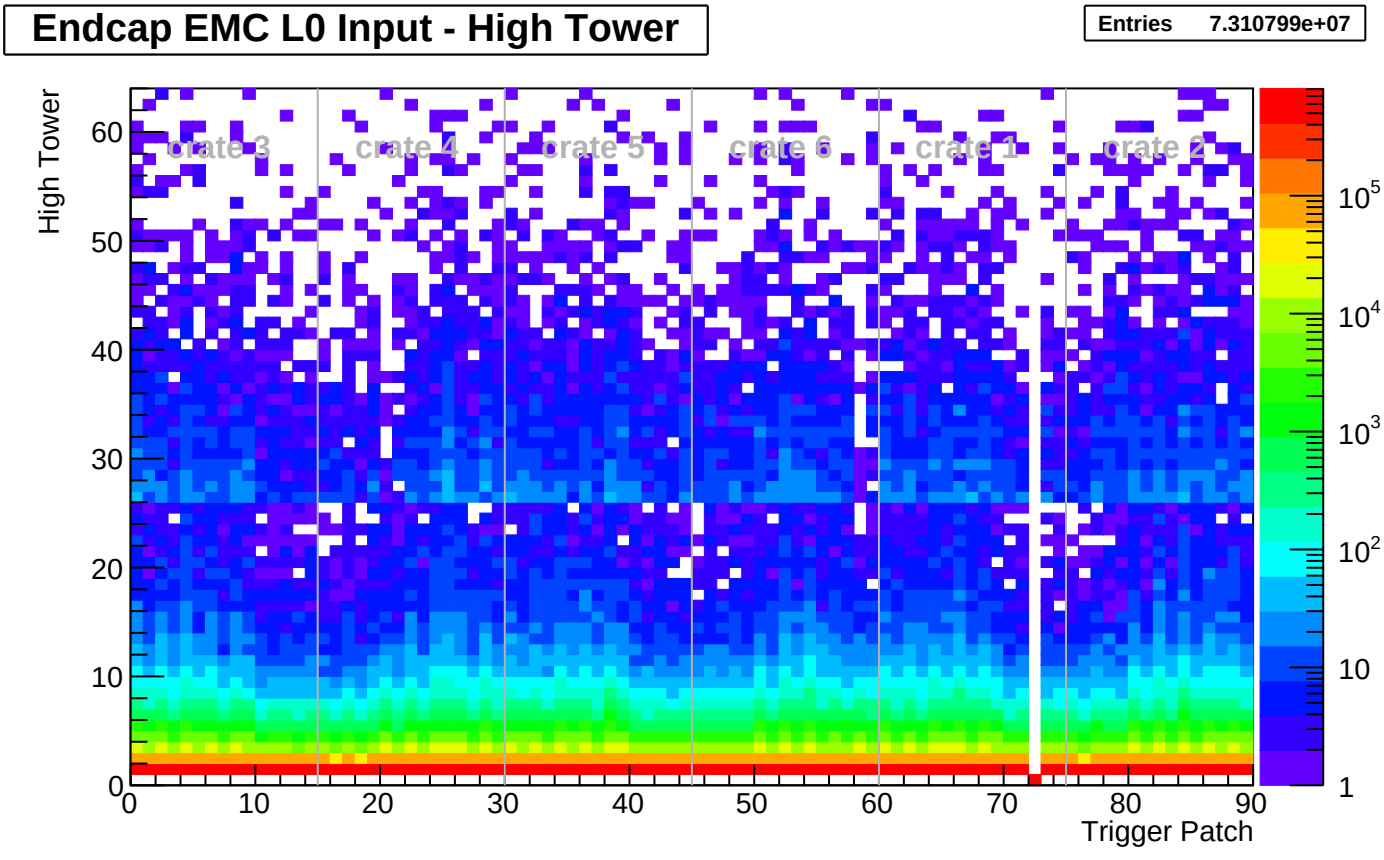
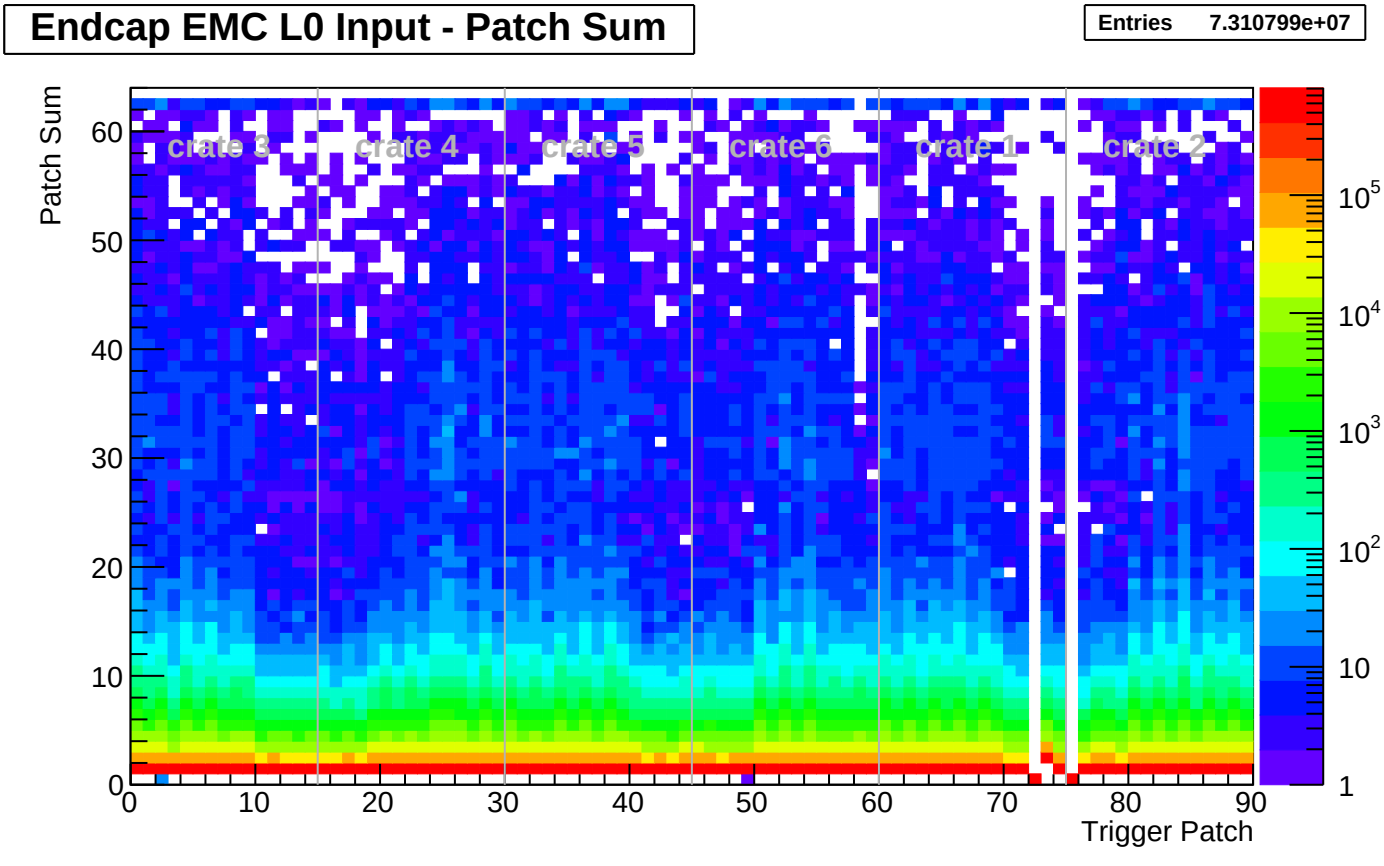
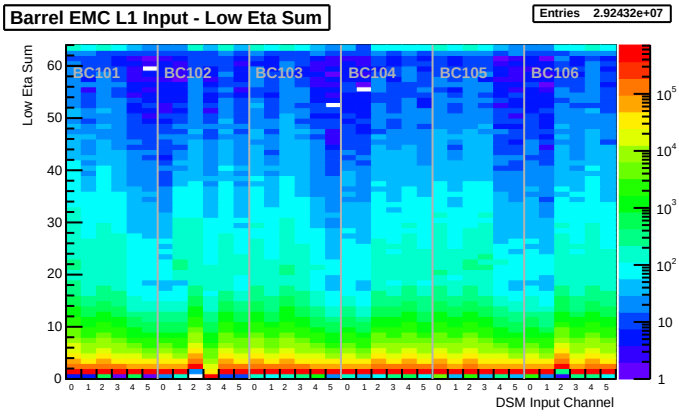
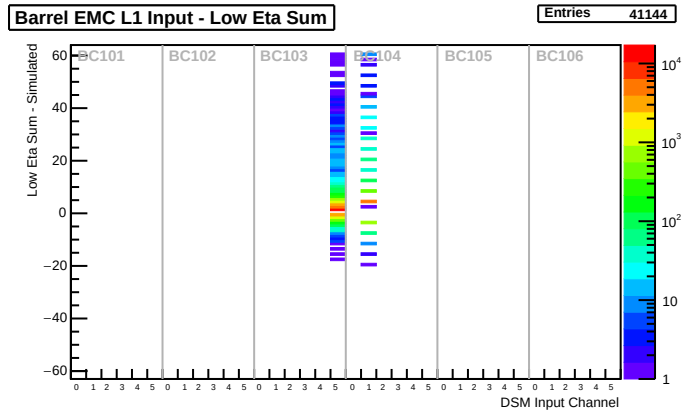

Barrel EMC L0 Input - High Tower
Entries 2.436933e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

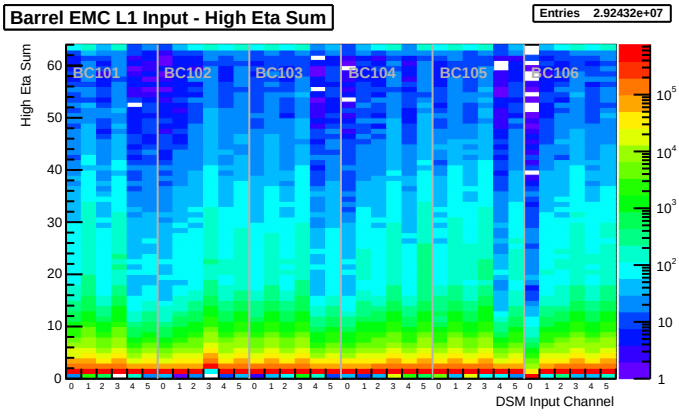

Barrel EMC L0 Input - Patch Sum
Entries 2.436933e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

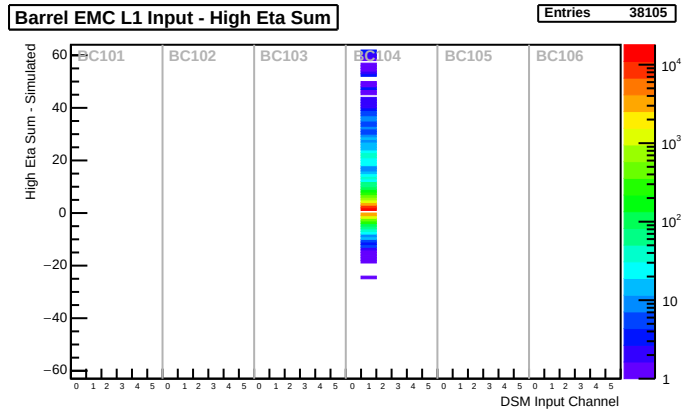

Endcap EMC L0 Input - High Tower
Entries 7.310799e+07
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

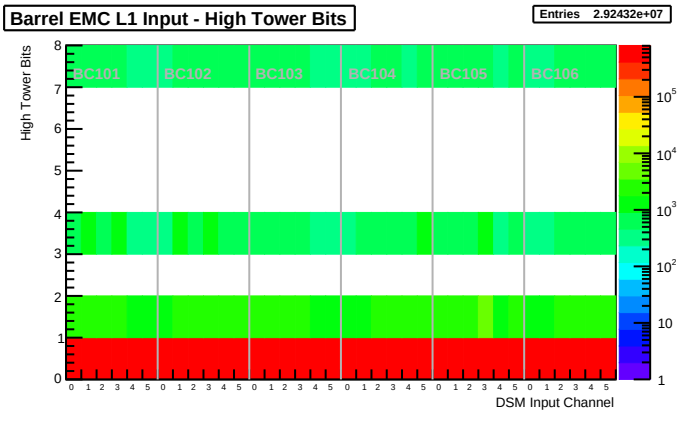

Endcap EMC L0 Input - Patch Sum
Entries 7.310799e+07
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

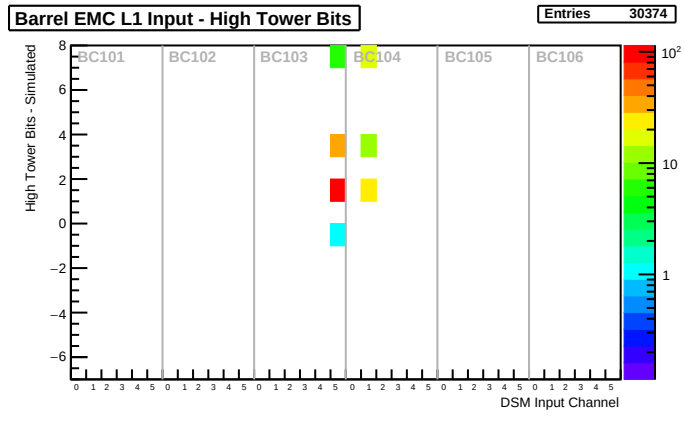

Barrel EMC L1 Input - Low Eta Sum
Entries 2.92432e+07
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

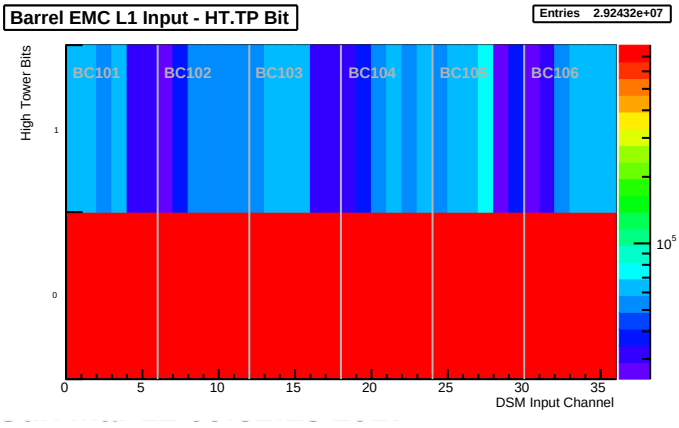

Barrel EMC L1 Input - Low Eta Sum
Entries 41144
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

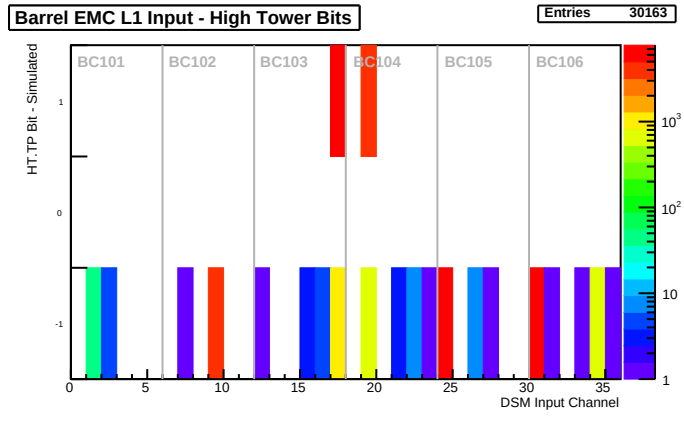

Barrel EMC L1 Input - High Eta Sum
Entries 2.92432e+07
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

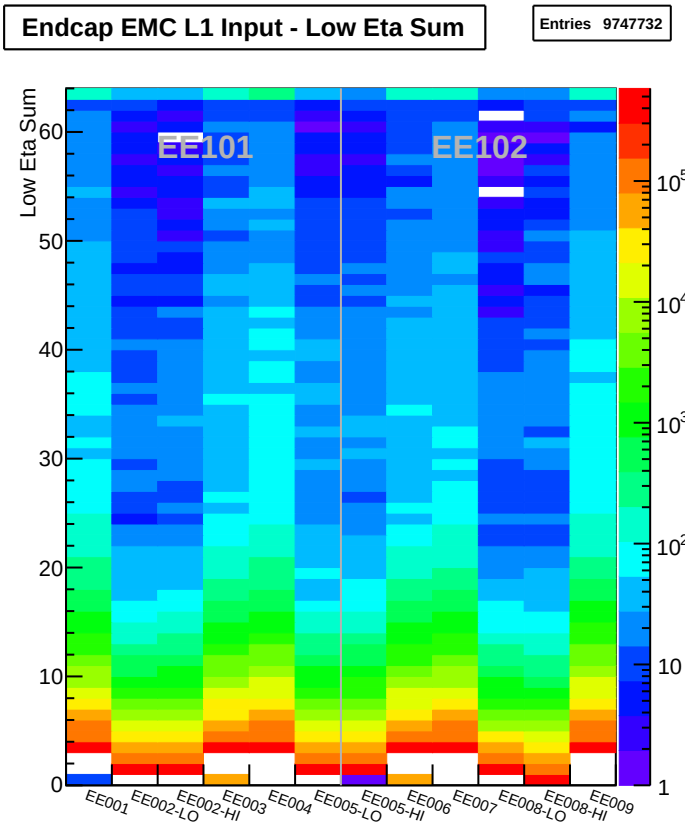

Barrel EMC L1 Input - High Eta Sum
Entries 38105
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

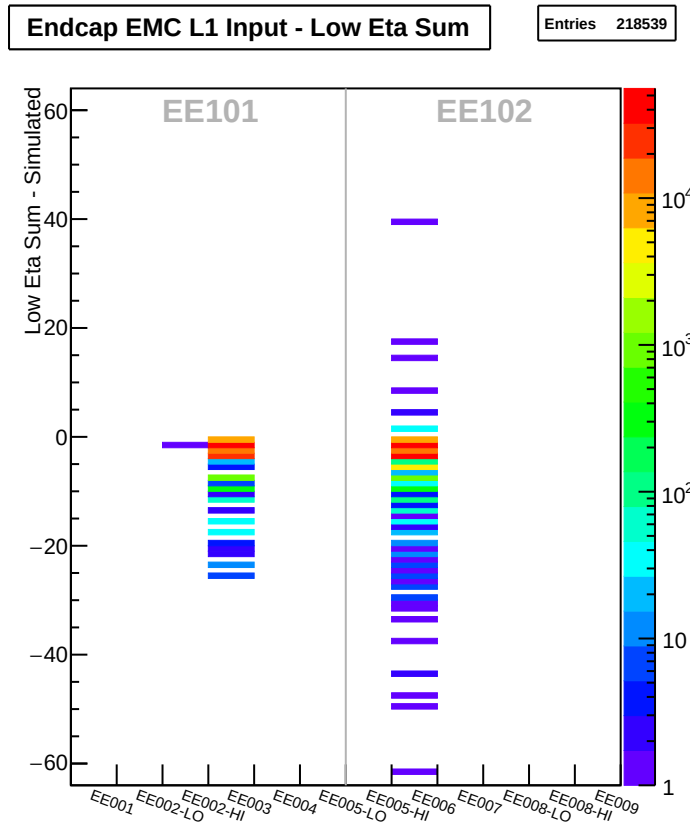

Barrel EMC L1 Input - High Tower Bits
Entries 2.92432e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

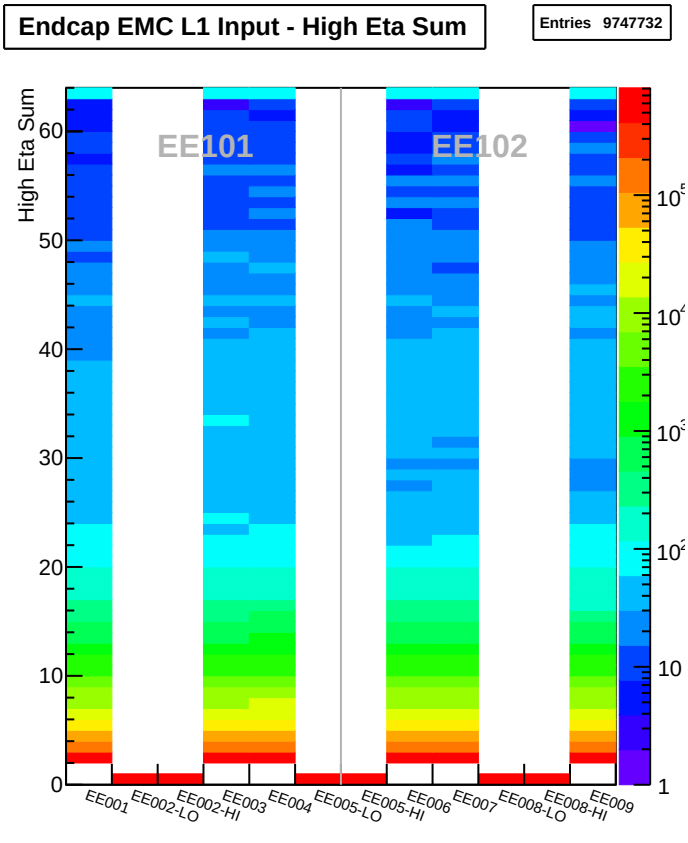

Barrel EMC L1 Input - High Tower Bits
Entries 30374
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

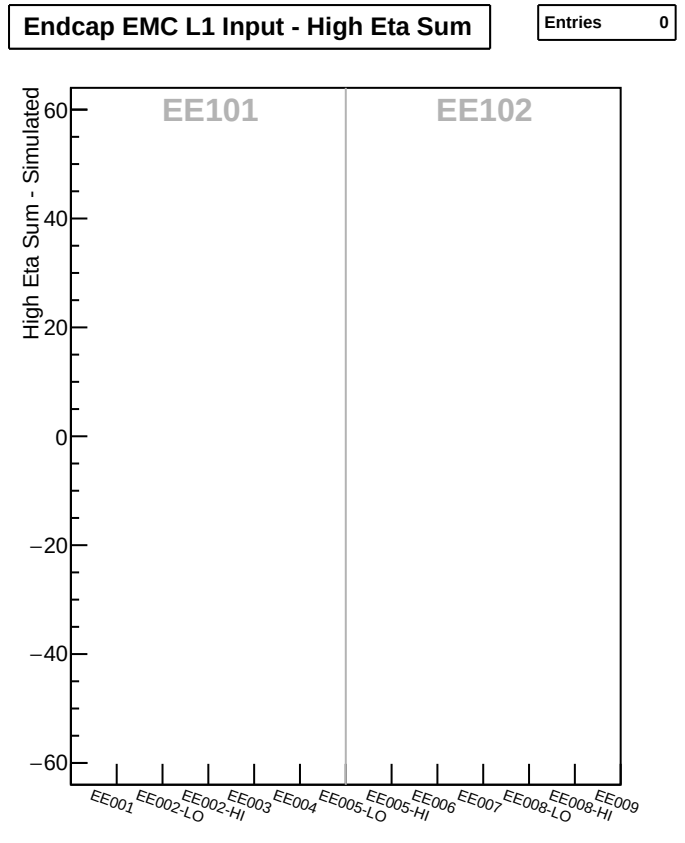

Barrel EMC L1 Input - HT.TP Bit
Entries 2.92432e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

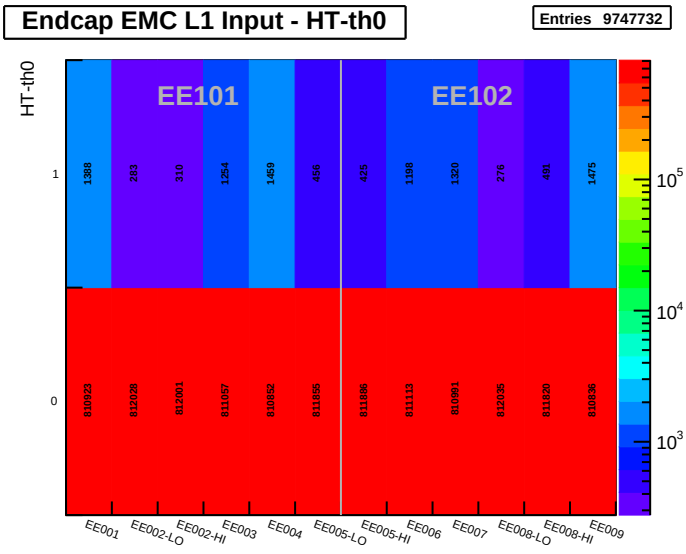

Barrel EMC L1 Input - High Tower Bits
Entries 30163
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

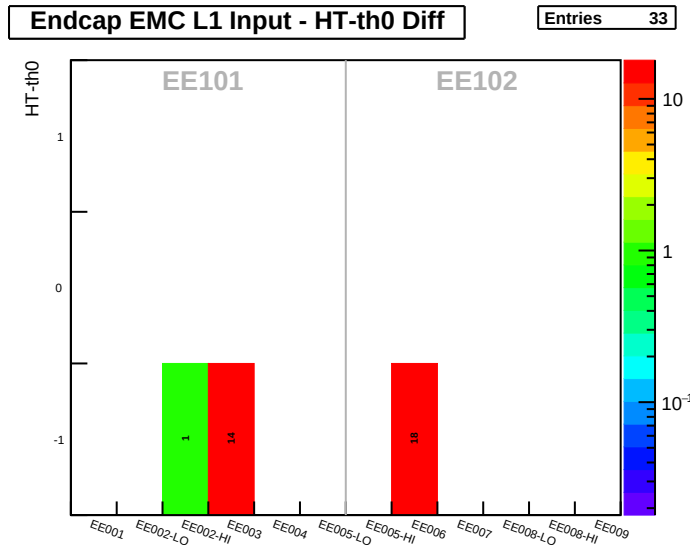

Endcap EMC L1 Input - Low Eta Sum
Entries 9747732
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

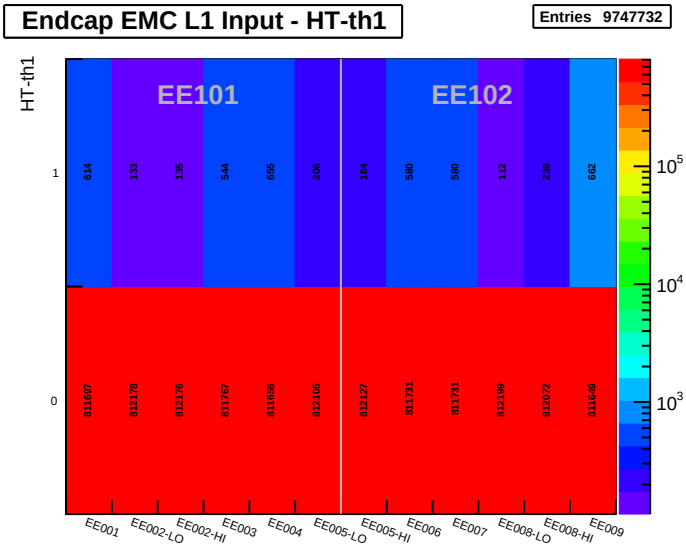

Endcap EMC L1 Input - Low Eta Sum
Entries 218539
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

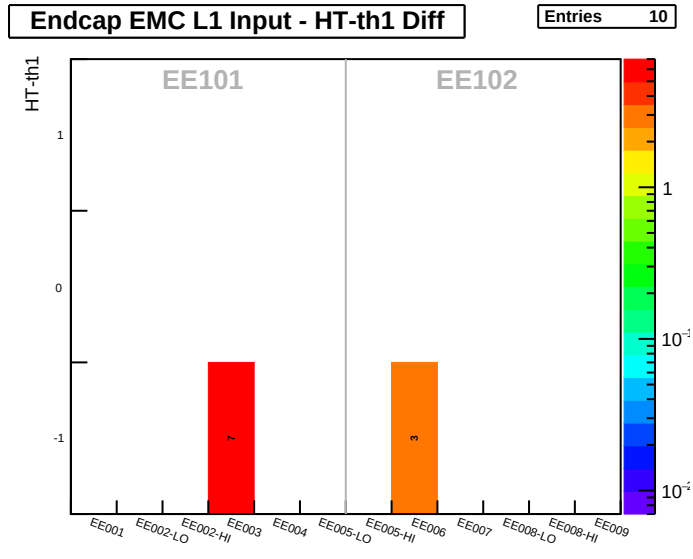

Endcap EMC L1 Input - High Eta Sum
Entries 9747732
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

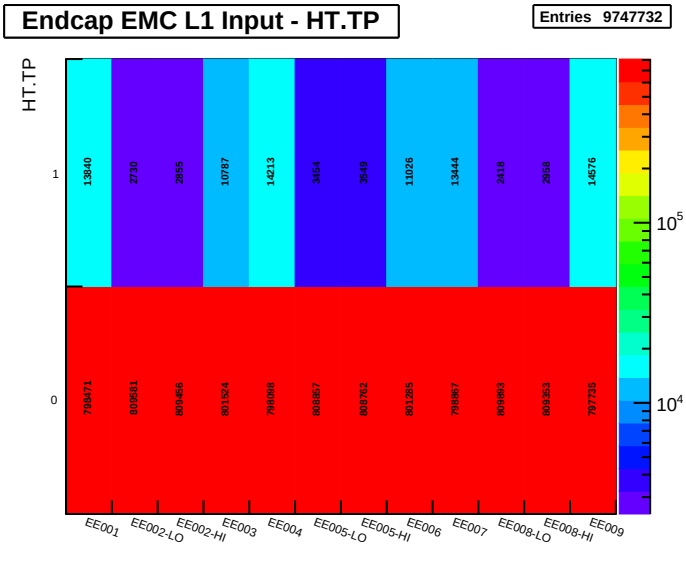

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

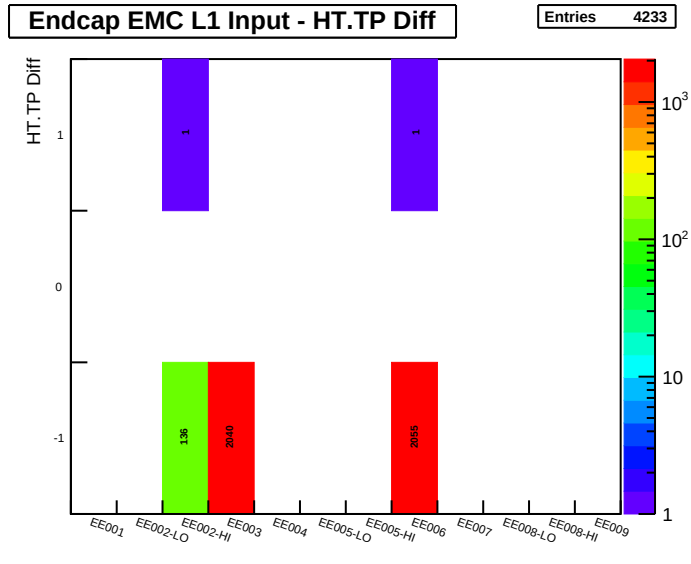

Endcap EMC L1 Input - HT-th0
Entries 9747732
HT-th0
EE101
EE102
1388 283 310 1254 1459 456 425 1198 1320 276 491 1475
810923 812028 812001 811057 810852 811855 811886 811113 810991 812035 811820 810836
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

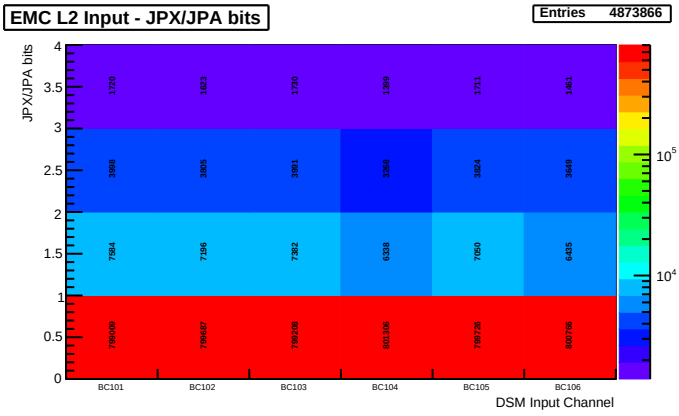

Endcap EMC L1 Input - HT-th0 Diff
Entries 33
HT-th0
EE101
EE102
1 14 18
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

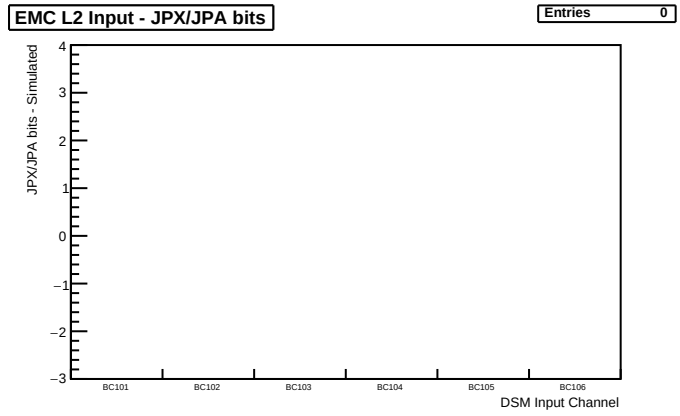

Endcap EMC L1 Input - HT-th1
Entries 9747732
HT-th1
EE101
EE102
614 133 135 544 655 206 184 580 580 112 238 662
811697 812178 812176 811767 811656 812105 812127 811731 811731 812199 812072 811649
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

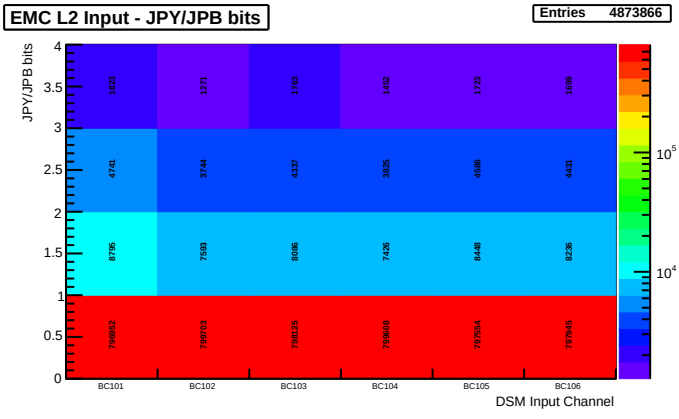

Endcap EMC L1 Input - HT-th1 Diff
Entries 10
HT-th1
EE101
EE102
7 3
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

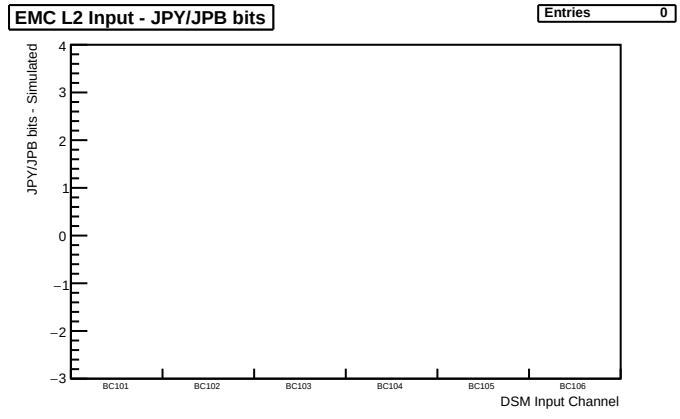

Endcap EMC L1 Input - HT.TP
Entries 9747732
HT.TP
13840 2730 2855 10787 14213 3454 3549 11026 13444 2410 2958 14676
798471 809581 809456 801524 798098 808857 808762 801285 798867 809803 809353 797735
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

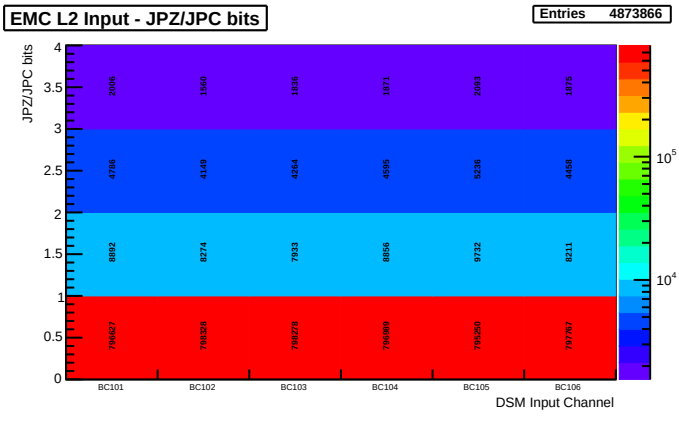

Endcap EMC L1 Input - HT.TP Diff
Entries 4233
HT.TP Diff
1 1
136 2040 2055
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

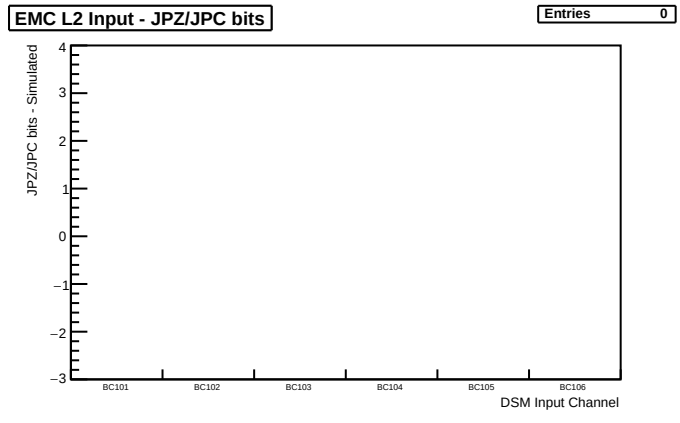

EMC L2 Input - JPX/JPA bits
Entries 4873866
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
1720 1623 1720 1399 1711 1461
3998 3905 3991 3268 3824 3649
7984 7196 7382 6338 7050 6405
799009 799687 799208 801308 799725 800766

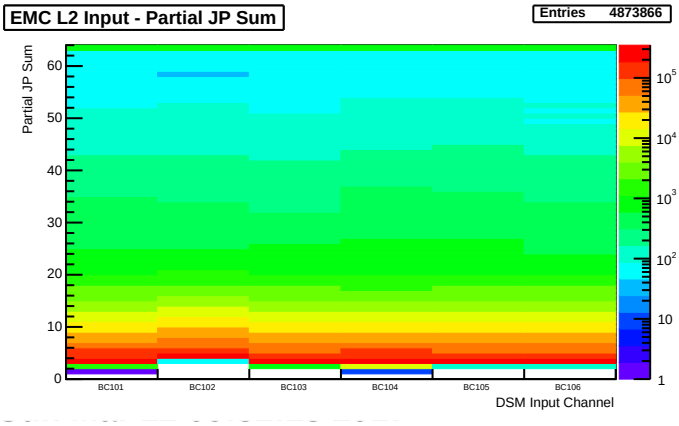

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

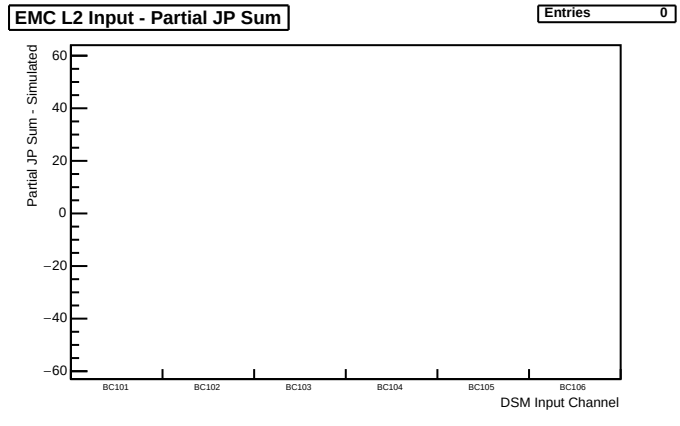

EMC L2 Input - JPY/JPB bits
Entries 4873866
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
1823 1271 1763 1452 1723 1599
4741 3744 4337 3525 4586 4431
8795 7593 8096 7426 8448 8236
798852 799703 798125 799608 797554 797945

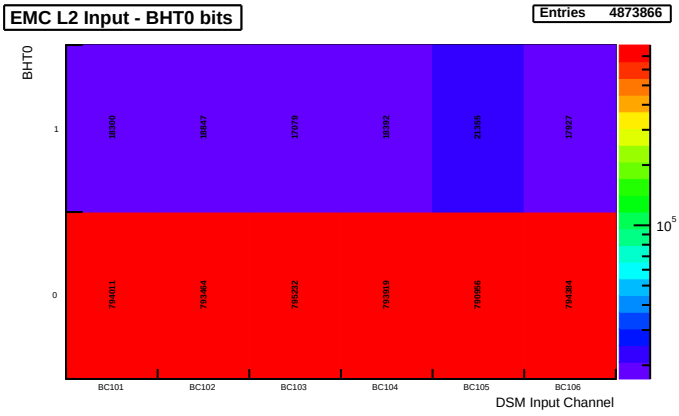

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

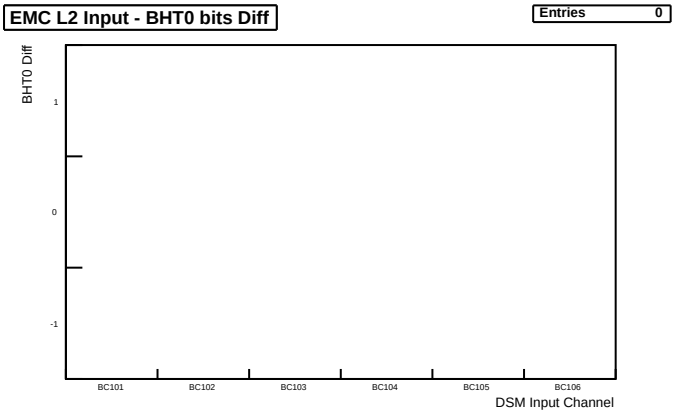

EMC L2 Input - JPZ/JPC bits
Entries 4873866
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
2006 1560 1836 1871 2093 1875
4786 4149 4254 4595 5236 4458
8892 8274 7933 8856 9732 8211
799827 799328 799278 799989 799250 797767

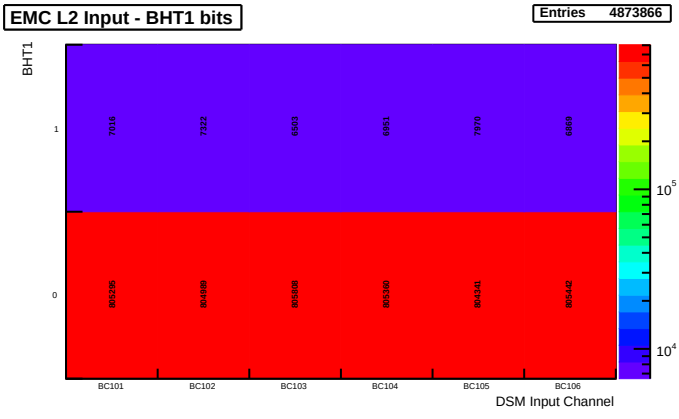

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

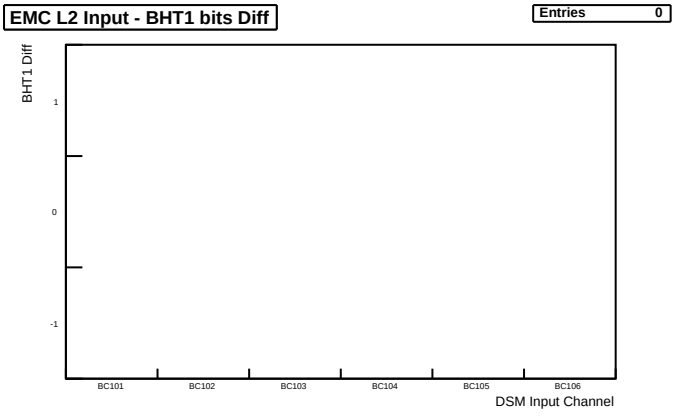

EMC L2 Input - Partial JP Sum
Entries 4873866
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

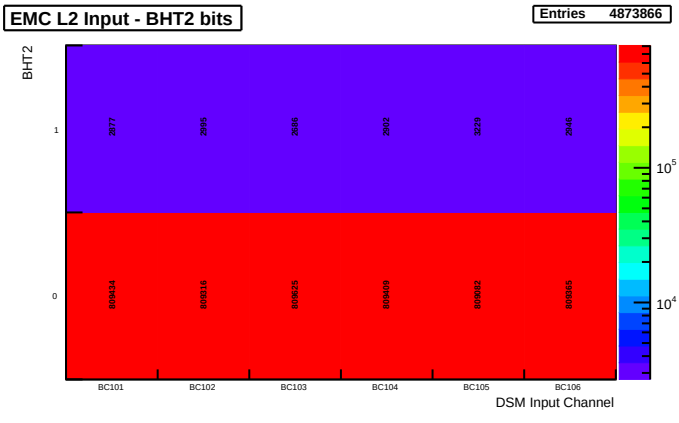

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

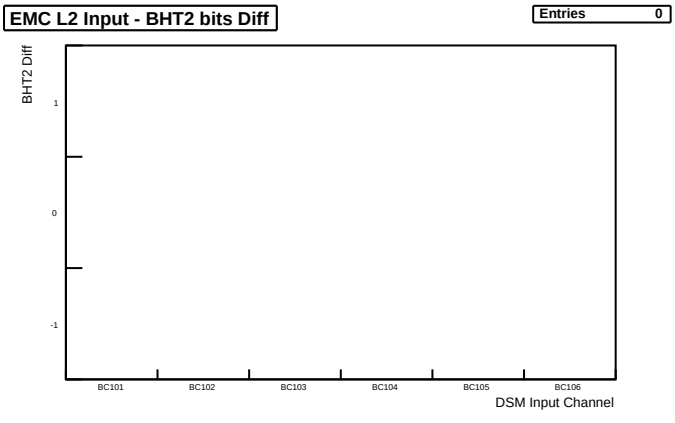

EMC L2 Input - BHT0 bits
Entries 4873866
BHT0
1
0
18300
18847
17079
18332
21355
17927
794011
793464
795232
793919
790956
794384
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

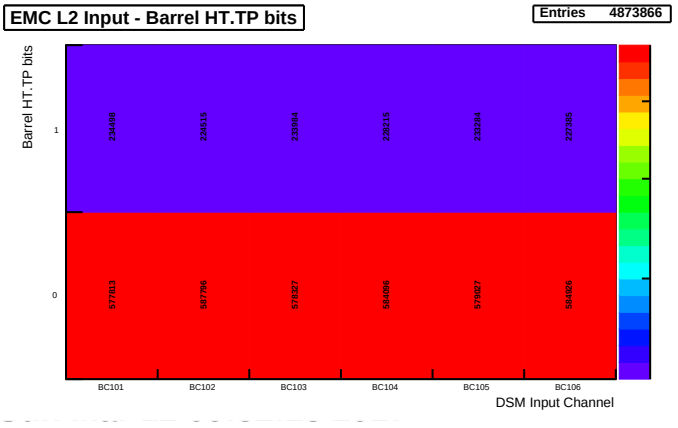

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

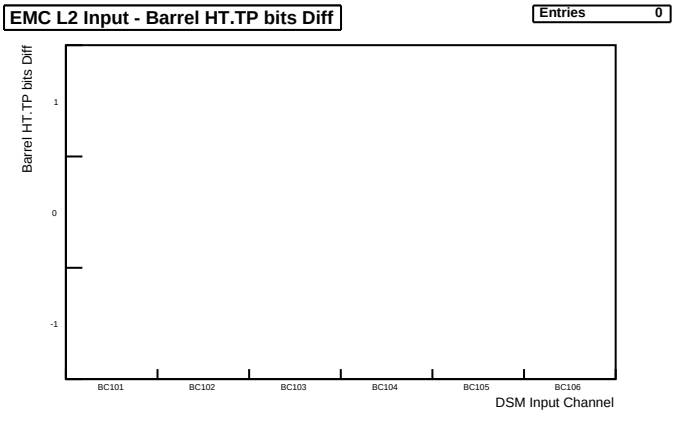

EMC L2 Input - BHT1 bits
Entries 4873866
BHT1
1
0
7016
7322
6503
6951
7970
6869
805295
804989
805808
805360
804341
805442
10^5
10^4
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

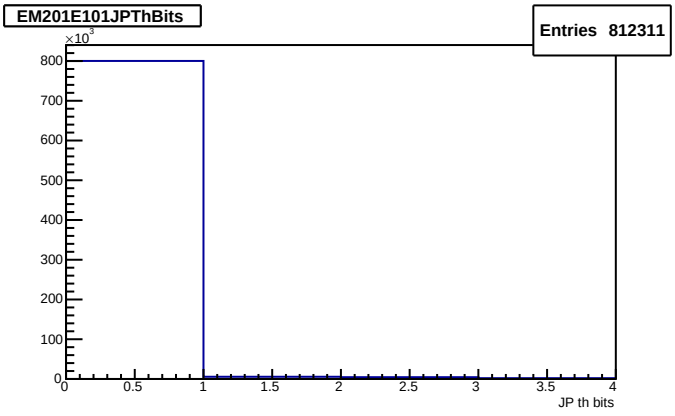

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

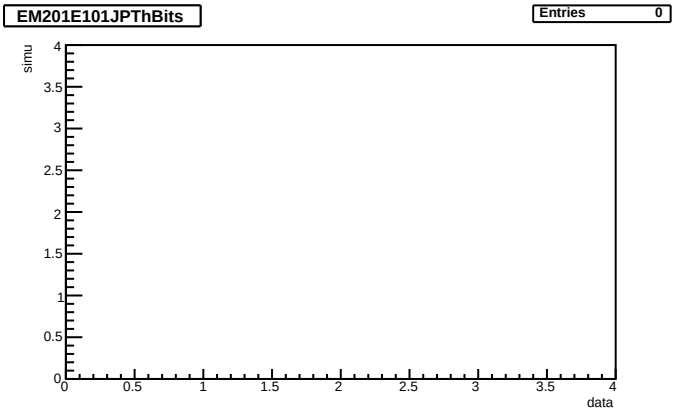

EMC L2 Input - BHT2 bits
Entries 4873866
BHT2
1
0
2677
2995
2686
2902
3229
2946
809434
809116
809625
809409
809082
809655
10^5
10^4
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

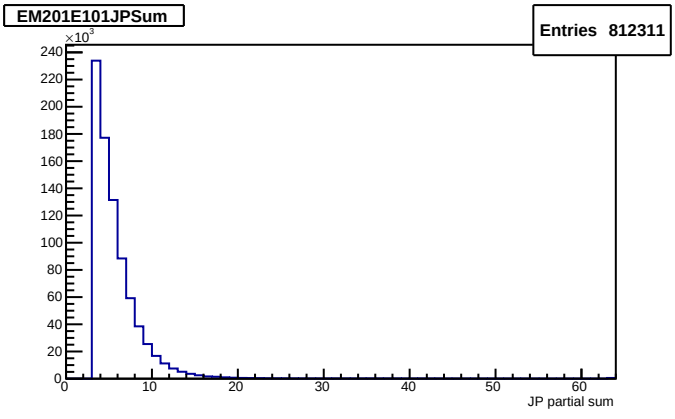

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

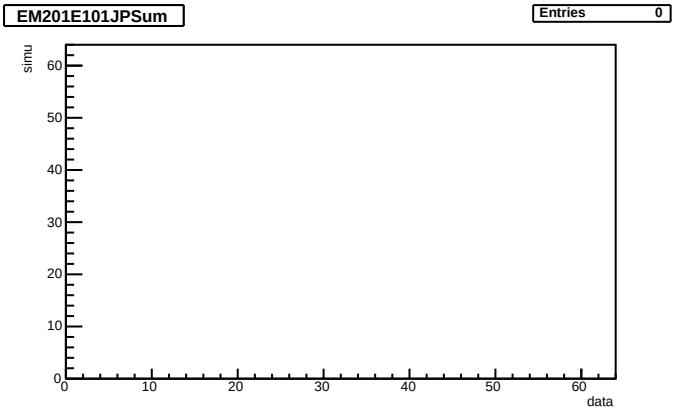

EMC L2 Input - Barrel HT.TP bits
Entries 4873866
Barrel HT.TP bits
1
0
234498
234515
233984
232415
232284
227385
577813
587796
578327
584086
579027
584026
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

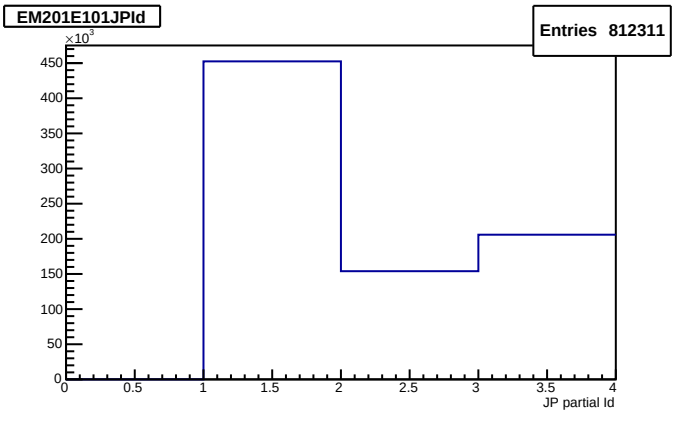

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

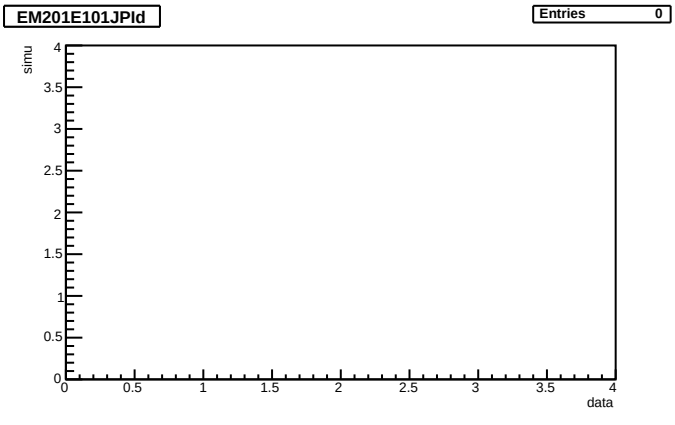

EM201E101JPThBits
Entries 812311
JP th bits

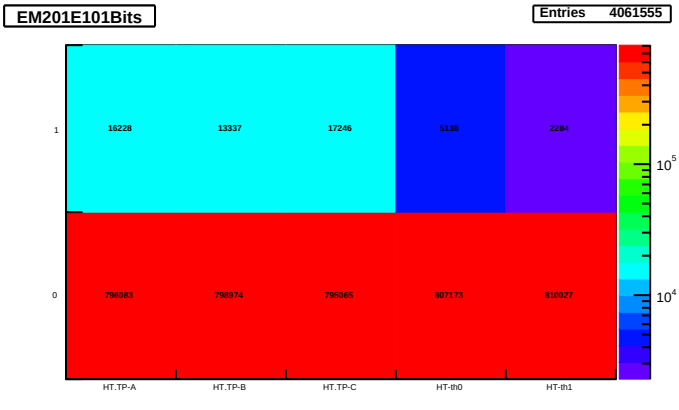

EM201E101JPThBits
Entries 0
simu
data

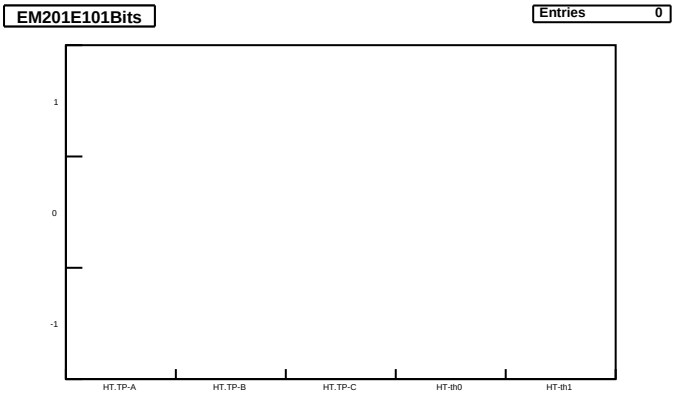

EM201E101JPSum
Entries 812311
JP partial sum

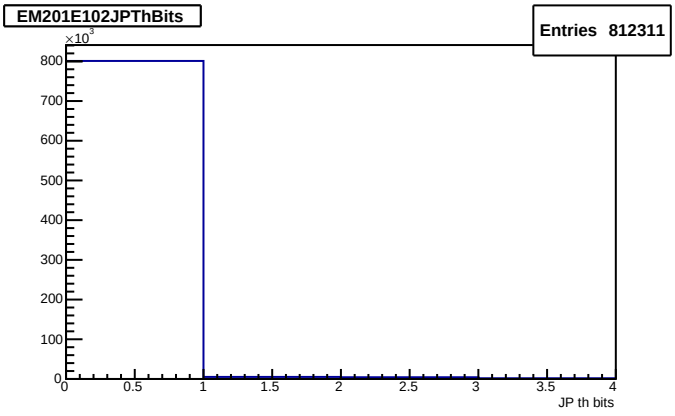

EM201E101JPSum
Entries 0
simu
data

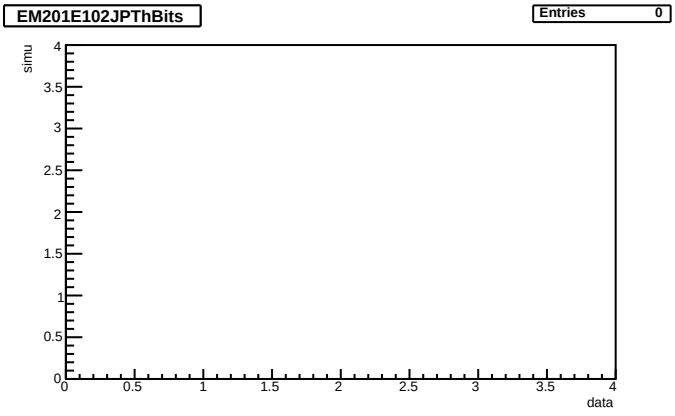

EM201E101JPId
Entries 812311
JP partial Id

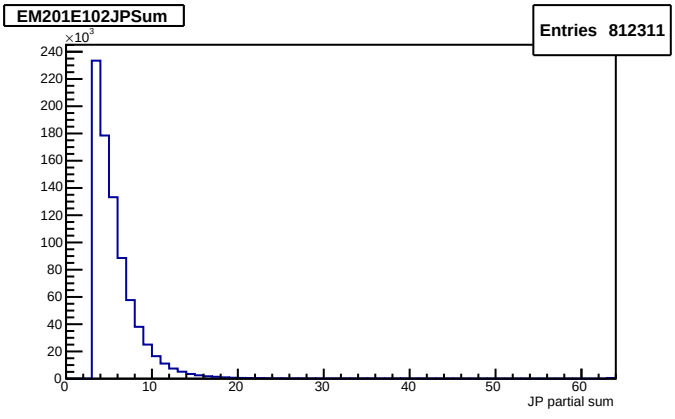

EM201E101JPId
Entries 0
simu
data

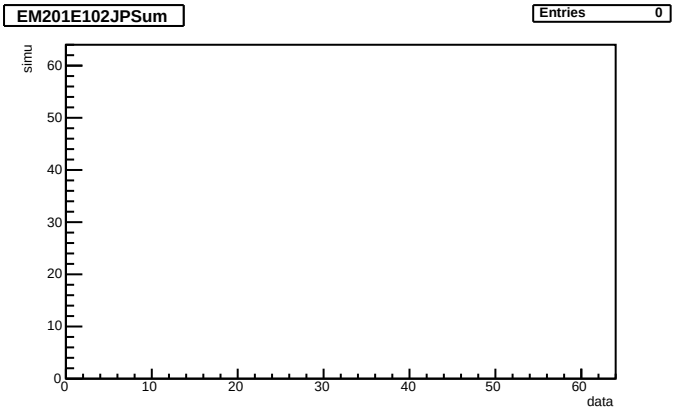

EM201E101Bits
Entries 4061555
16228
13337
17246
5138
2284
796083
798974
795065
807173
810027
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

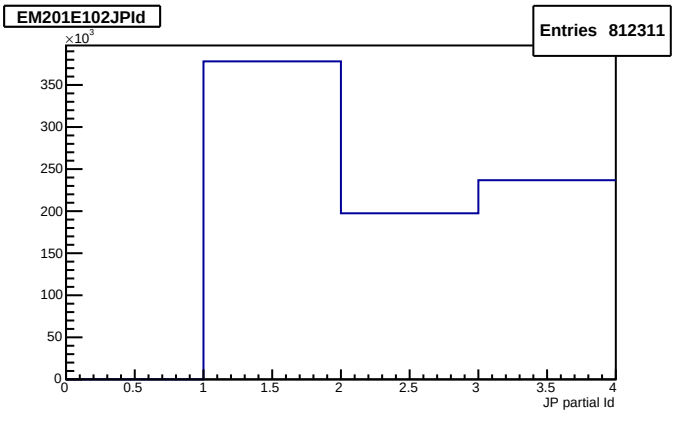

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

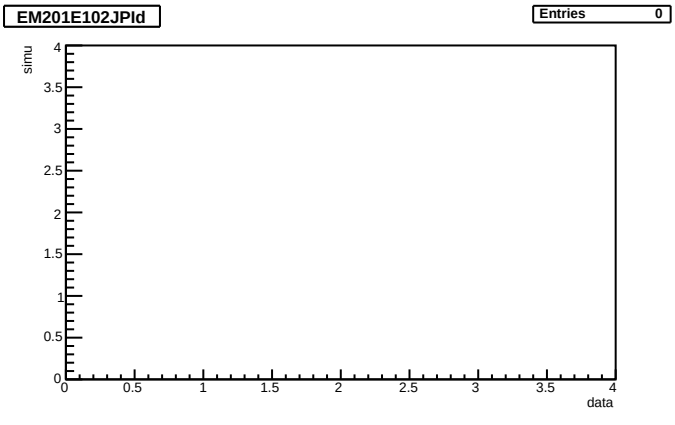

EM201E102JPThBits
Entries 812311
×10^3
JP th bits

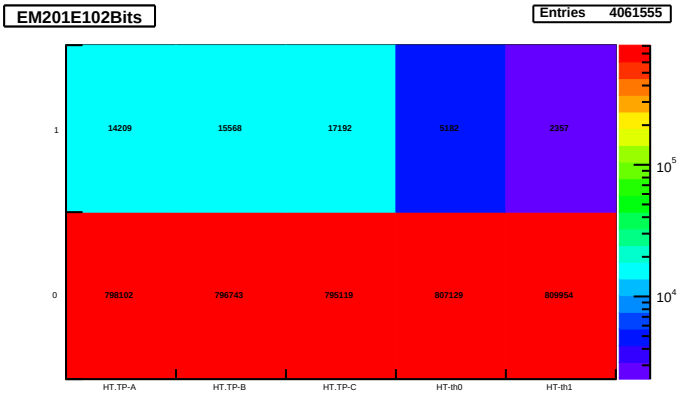

EM201E102JPThBits
Entries 0
simu
data

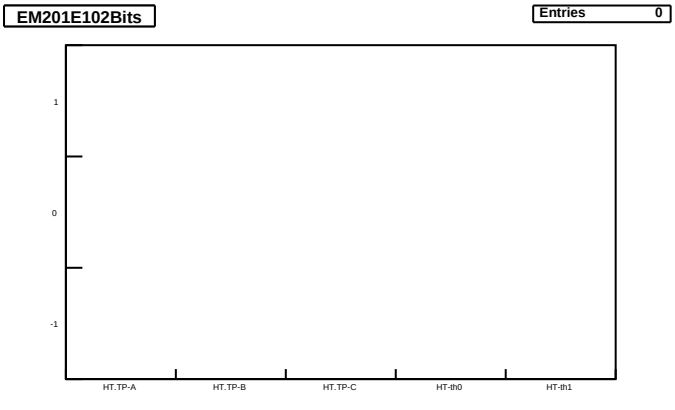

EM201E102JPSum
Entries 812311
×10^3
JP partial sum

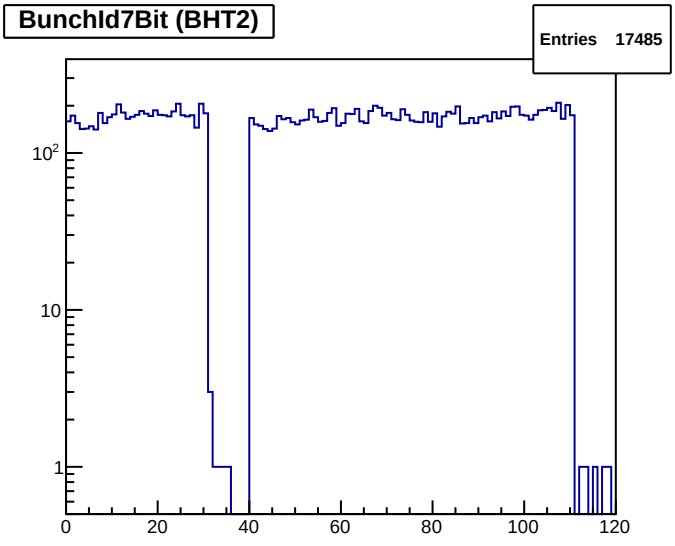

EM201E102JPSum
Entries 0
simu
data

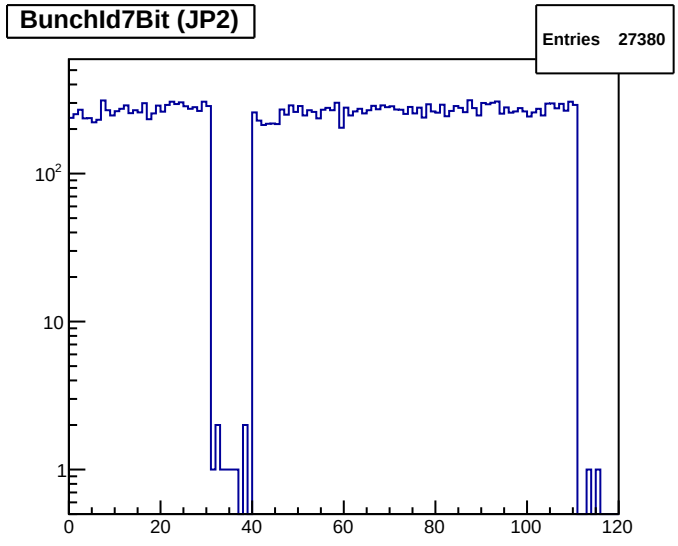

EM201E102JPId
Entries 812311
×10^3
JP partial Id

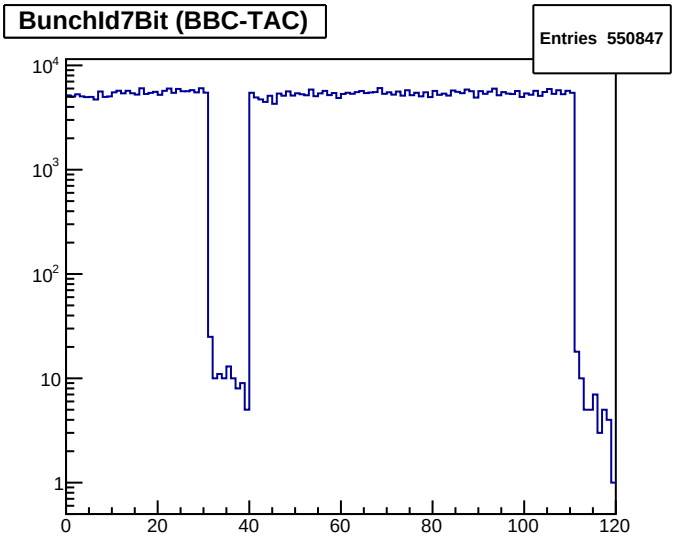

EM201E102JPId
Entries 0
simu
data

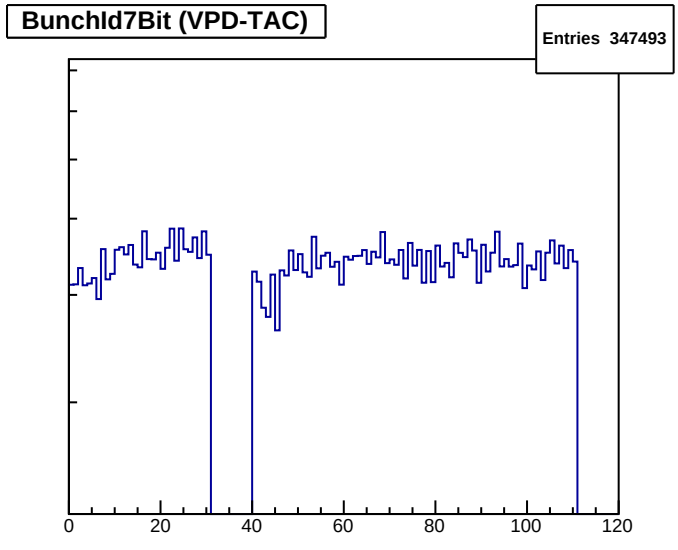

EM201E102Bits
Entries 4061555
14209
15568
17192
5182
2357
798102
796743
795119
807129
809954
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

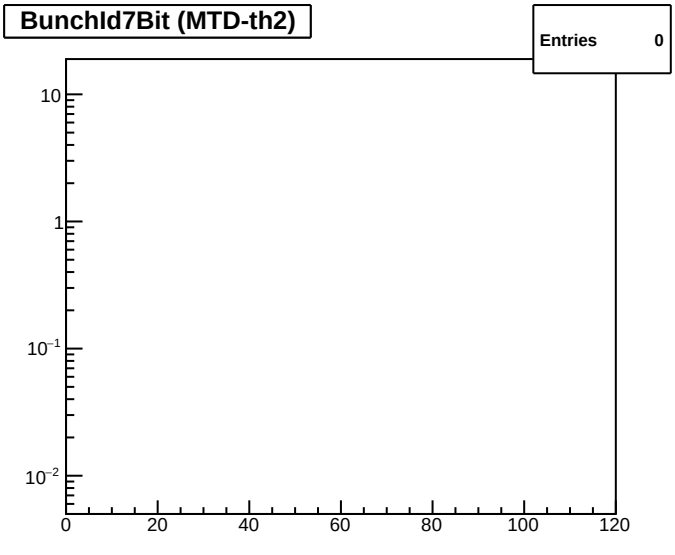

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

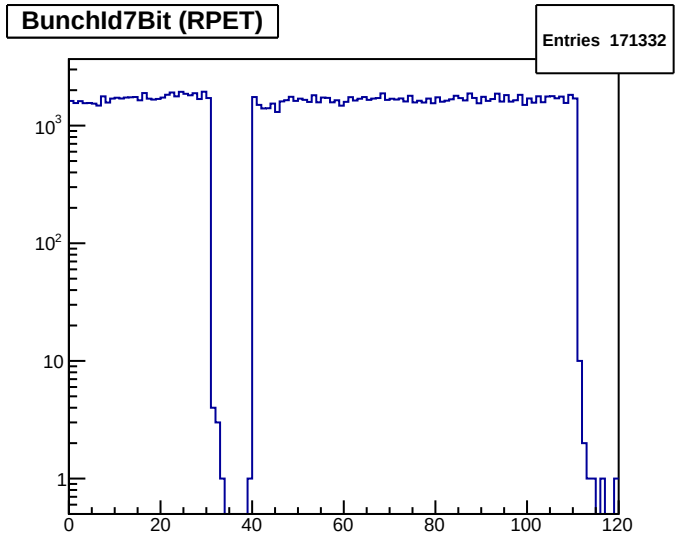

BunchId7Bit (BHT2)
Entries 17485

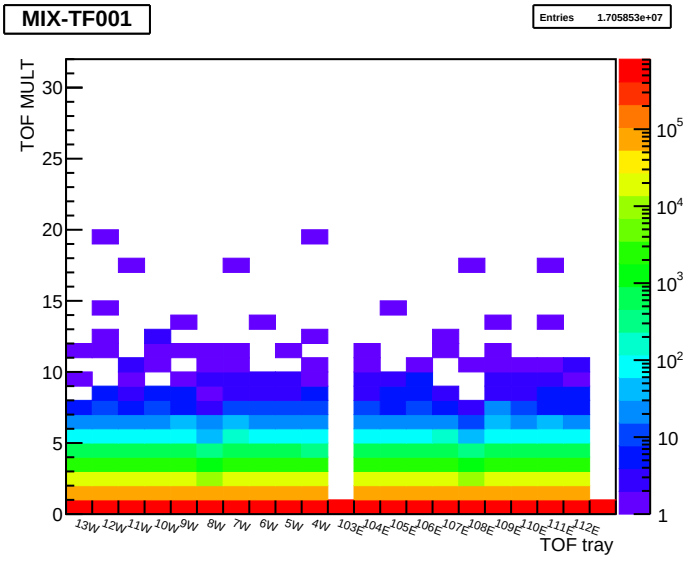

BunchId7Bit (JP2)
Entries 27380

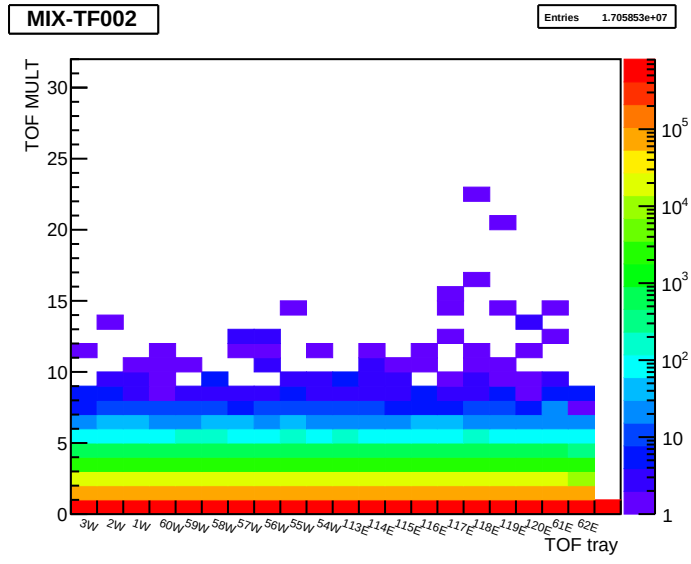

BunchId7Bit (BBC-TAC)
Entries 550847

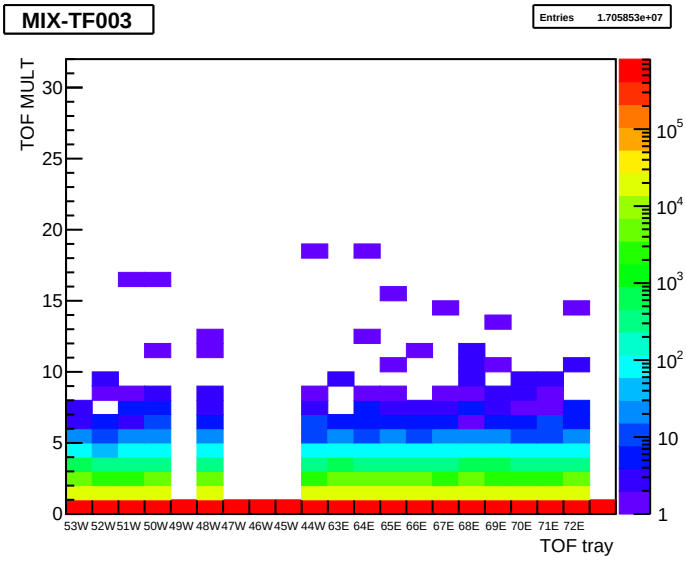

BunchId7Bit (VPD-TAC)
Entries 347493

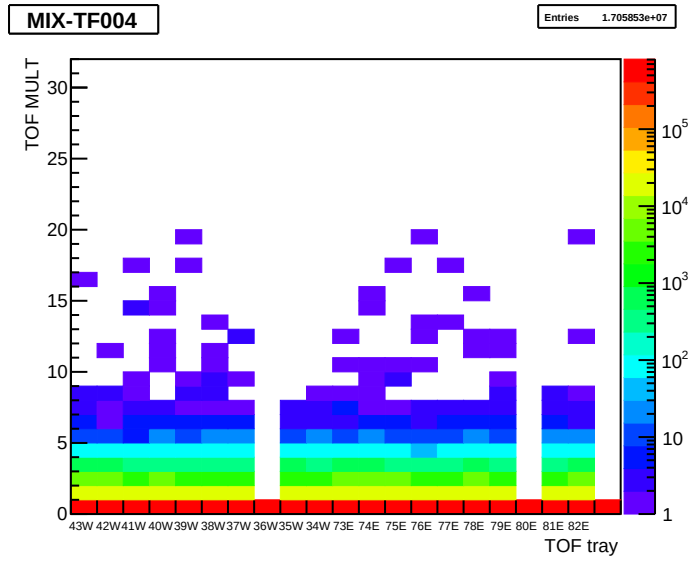

BunchId7Bit (MTD-th2)
Entries 0

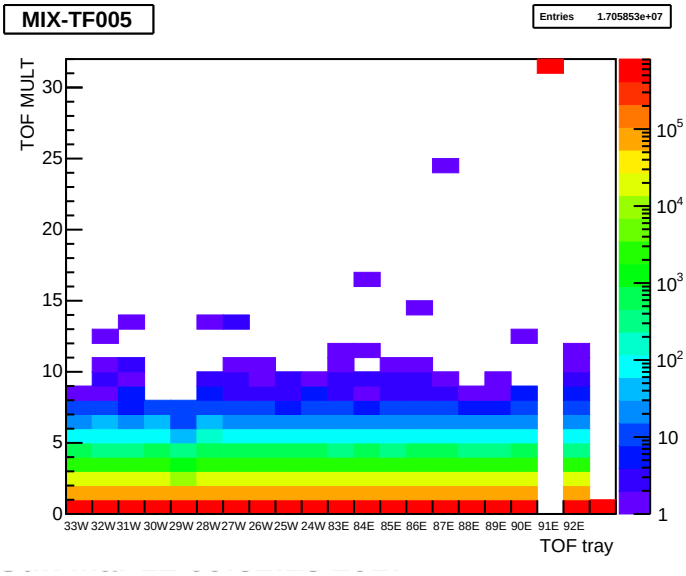

BunchId7Bit (RPET)
Entries 171332

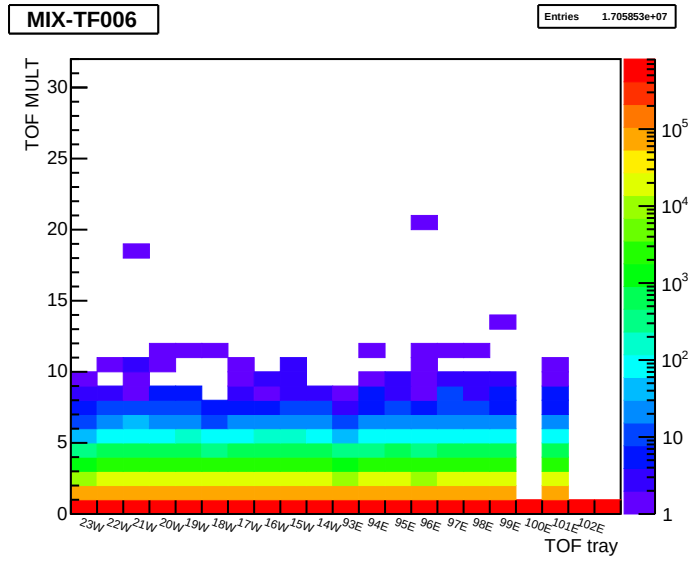

MIX-TF001
Entries 1.705853e+07
TOF MULT
TOF tray

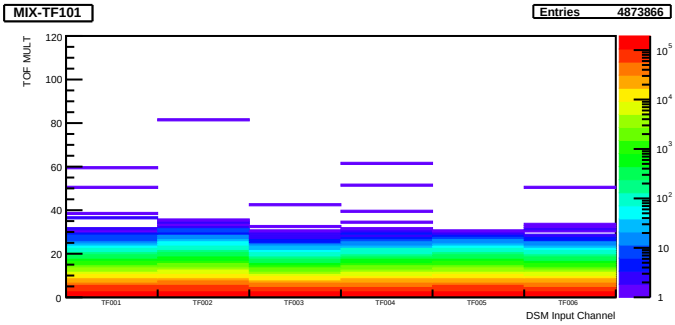

MIX-TF002
Entries 1.705853e+07
TOF MULT
TOF tray

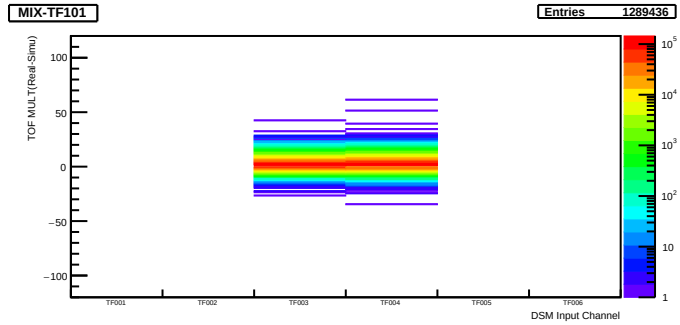

MIX-TF003
Entries 1.705853e+07
TOF MULT
TOF tray

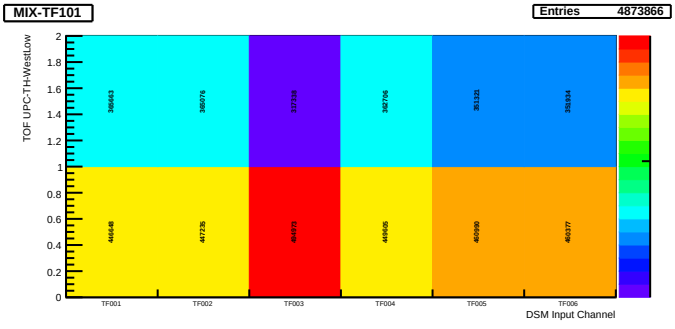

MIX-TF004
Entries 1.705853e+07
TOF MULT
TOF tray

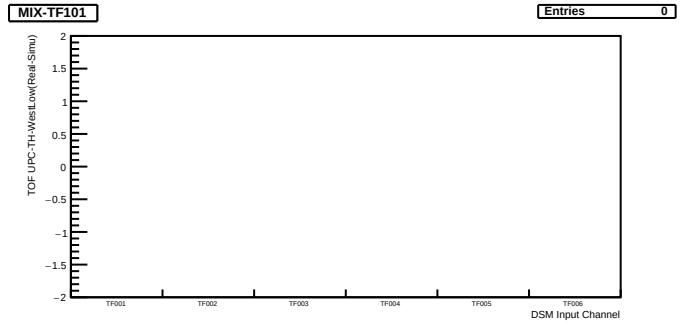

MIX-TF005
Entries 1.705853e+07
TOF MULT
TOF tray

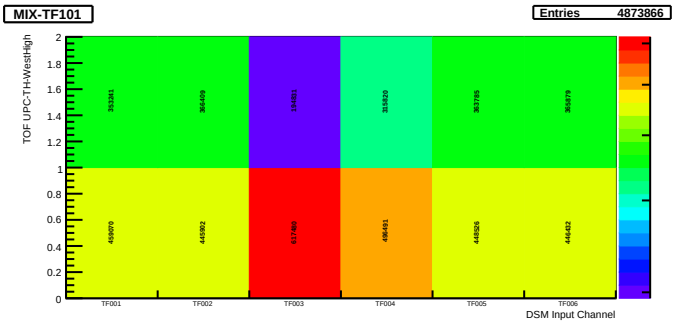

MIX-TF006
Entries 1.705853e+07
TOF MULT
TOF tray

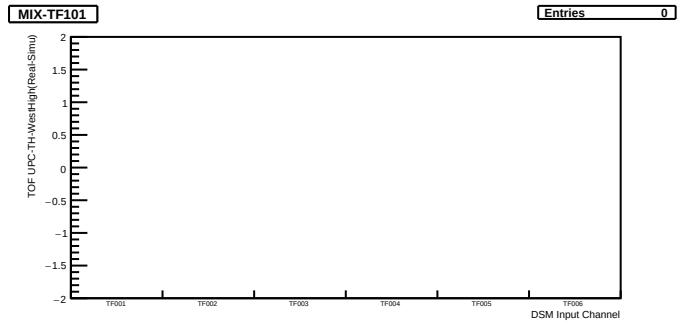

MIX-TF101
Entries 4873866
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

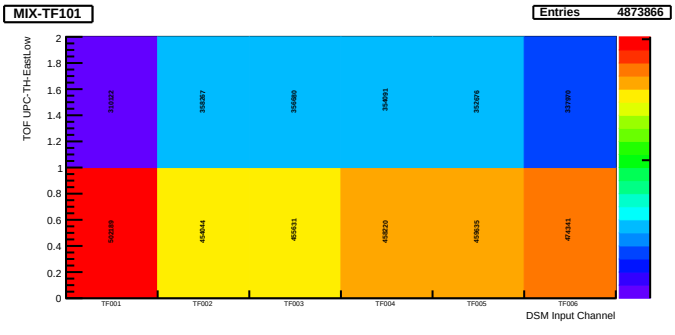

MIX-TF101
Entries 1289436
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

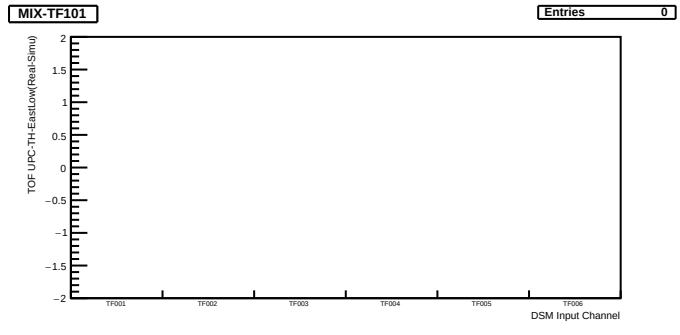

MIX-TF101
Entries 4873866
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

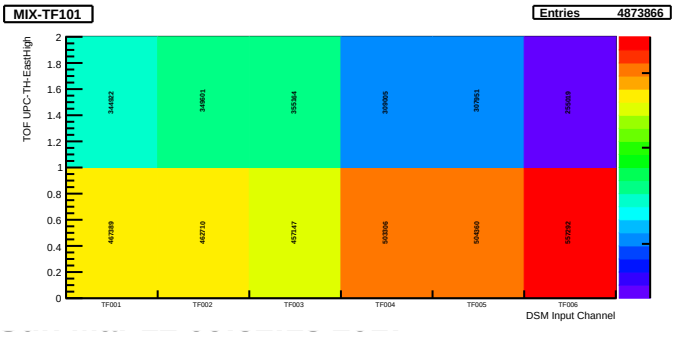

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

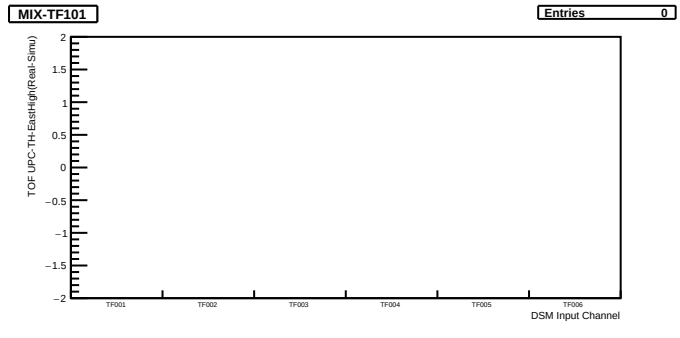

MIX-TF101
Entries 4873866
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

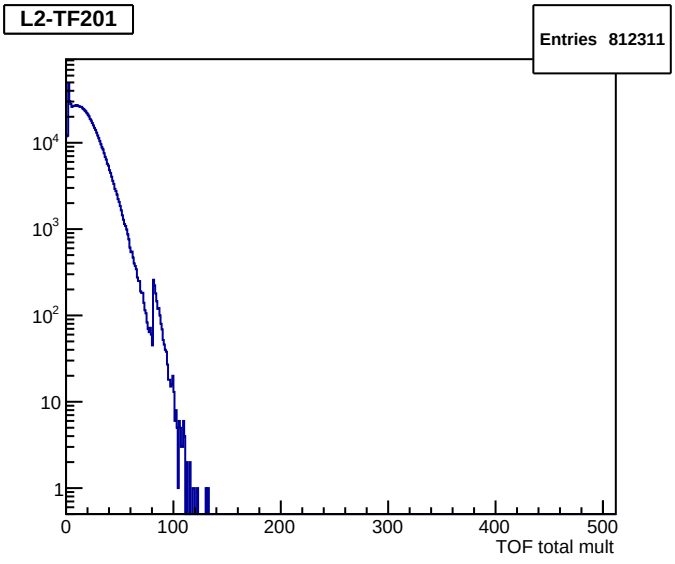

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

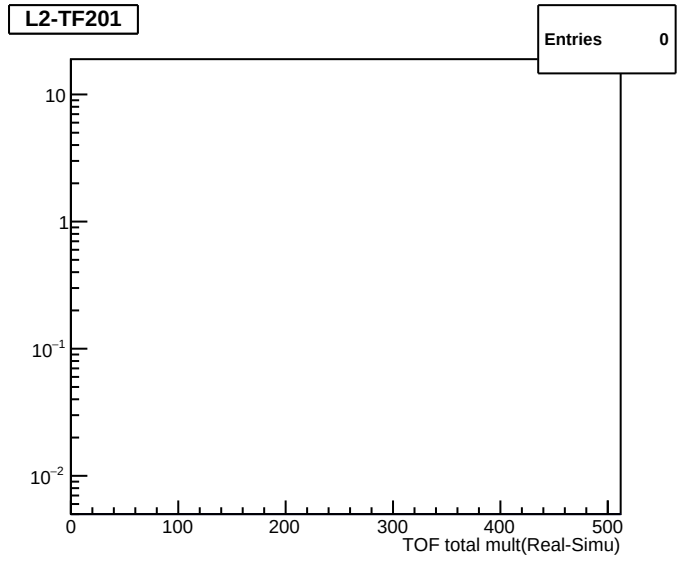

MIX-TF101
Entries 4873866
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

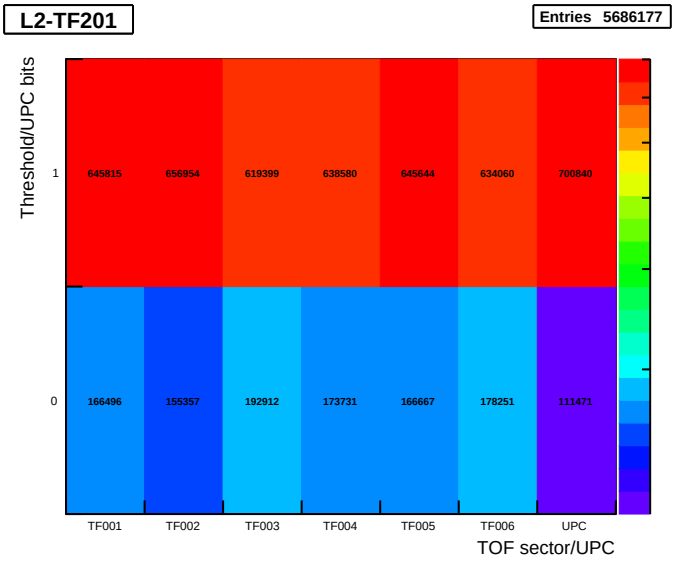

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

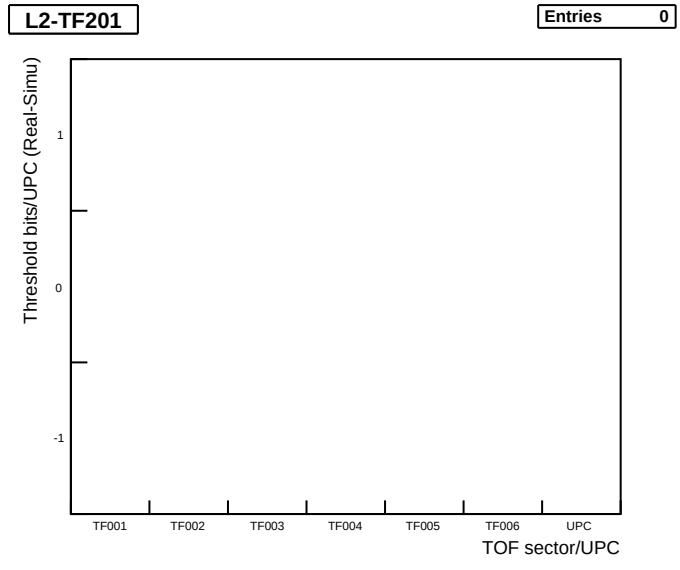

MIX-TF101
Entries 4873866
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

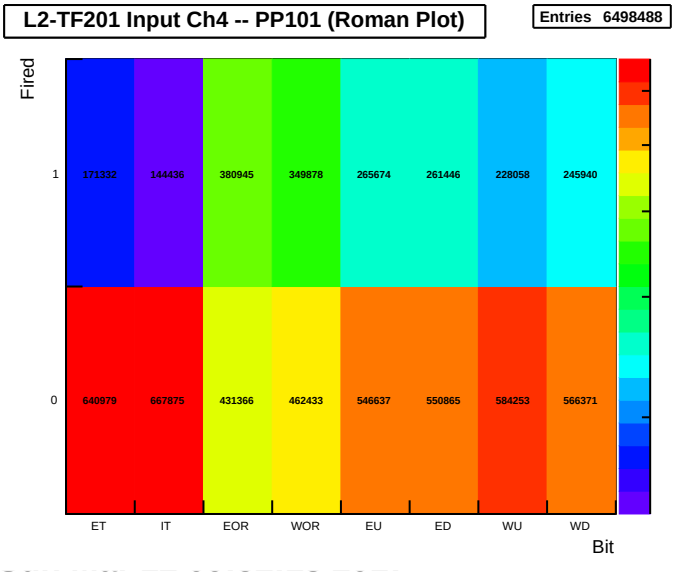

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

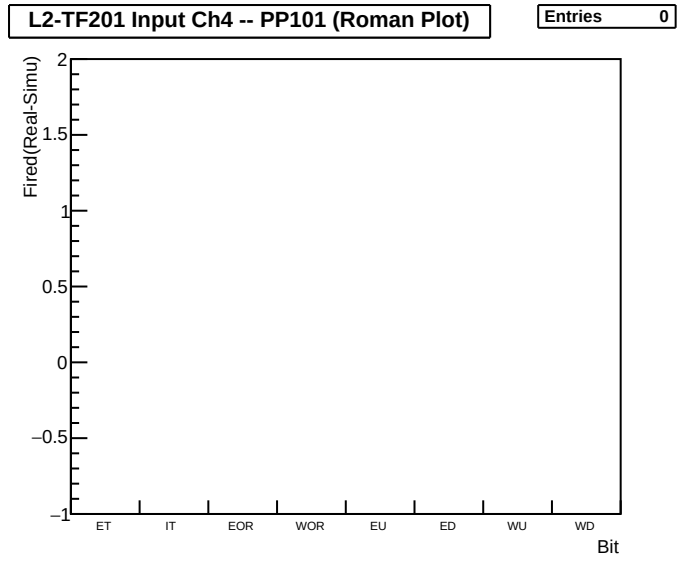

L2-TF201
Entries 812311
TOF total mult

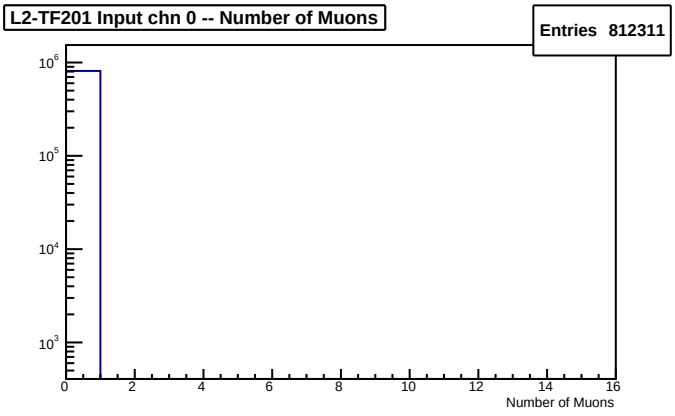

L2-TF201
Entries 0
TOF total mult(Real-Simu)

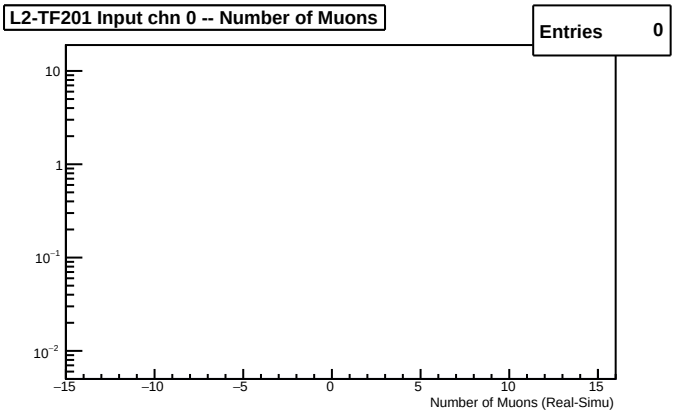

L2-TF201
Entries 5686177
Threshold/UPC bits
645815 656954 619399 638580 645644 634060 700840
166496 155357 192912 173731 166667 178251 111471
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

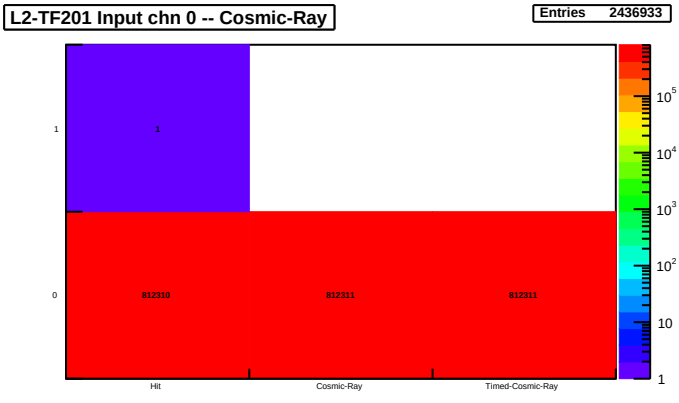

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

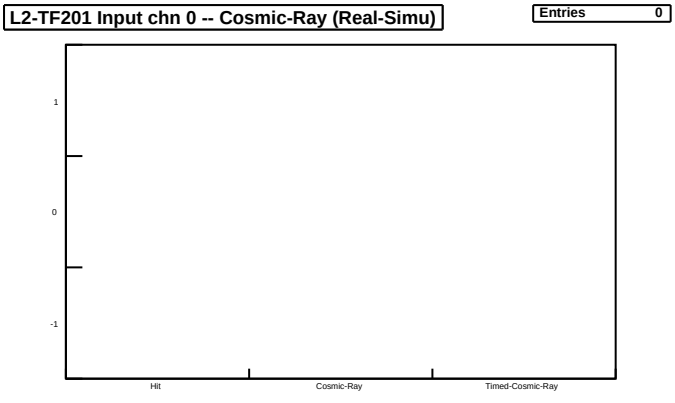

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 6498488
Fired
171332 144436 380945 349878 265674 261446 228058 245940
640979 667875 431366 462433 546637 550865 584253 566371
ET IT EOR WOR EU ED WU WD
Bit

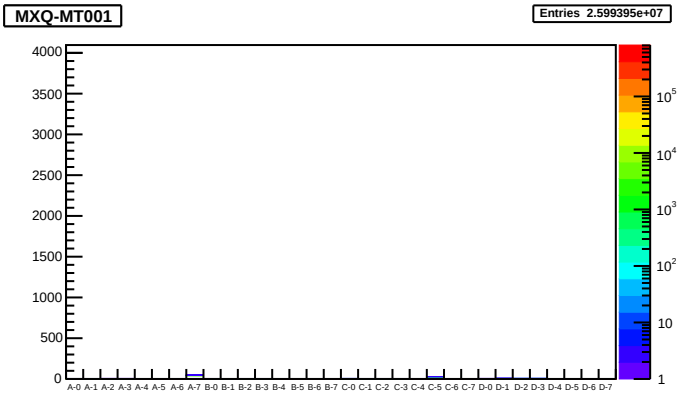

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET IT EOR WOR EU ED WU WD
Bit

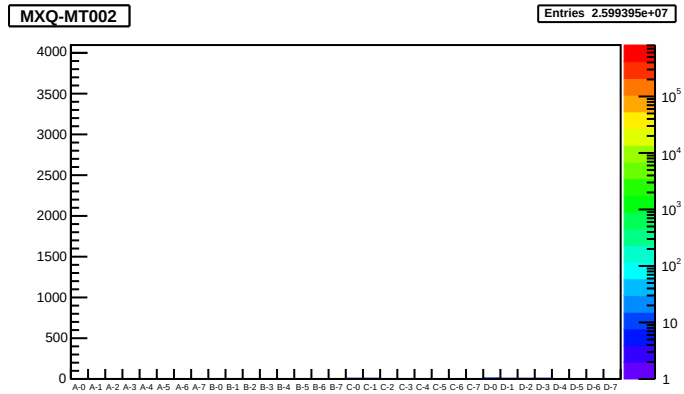

L2-TF201 Input chn 0 -- Number of Muons
Entries 812311
Number of Muons


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


L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 2436933
1
812310
812311
812311
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 2.599395e+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-MT002
Entries 2.599395e+07
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3500
3000
2500
2000
1500
1000
500
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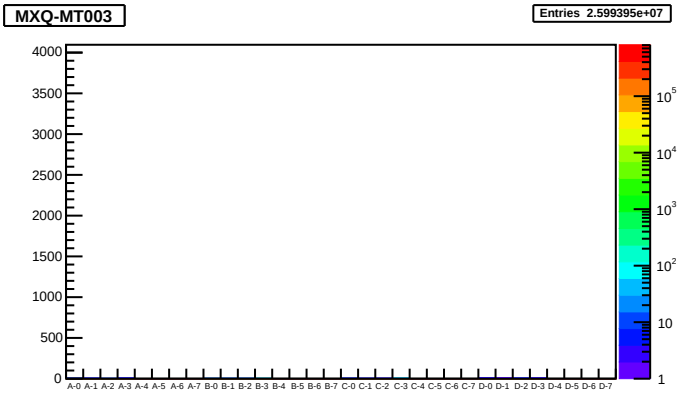
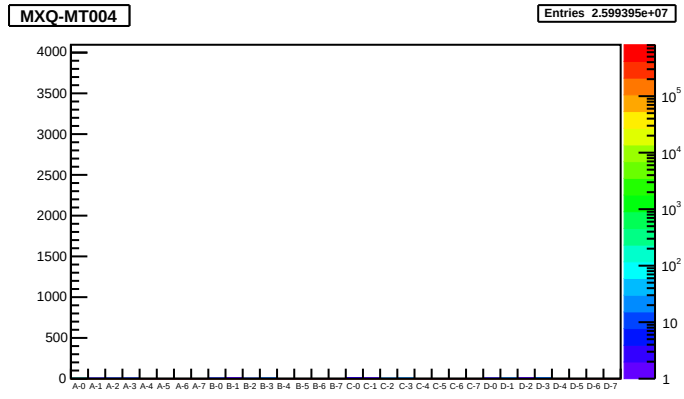
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^5
10^4
10^3
10^2
10
1


MXQ-MT003
Entries 2.599395e+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-MT004
Entries 2.599395e+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
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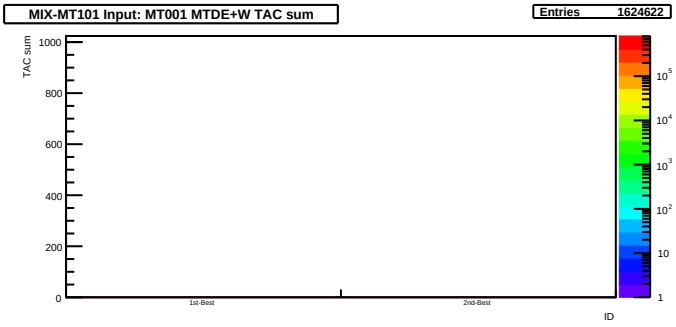
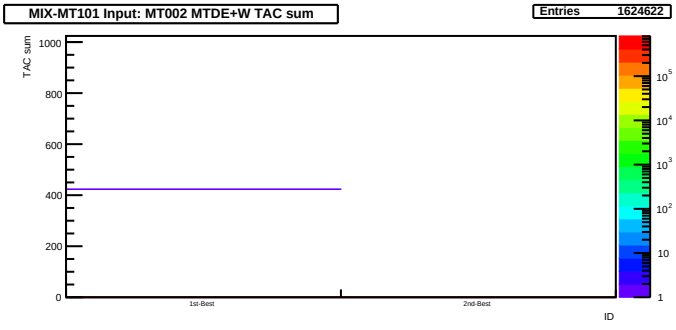
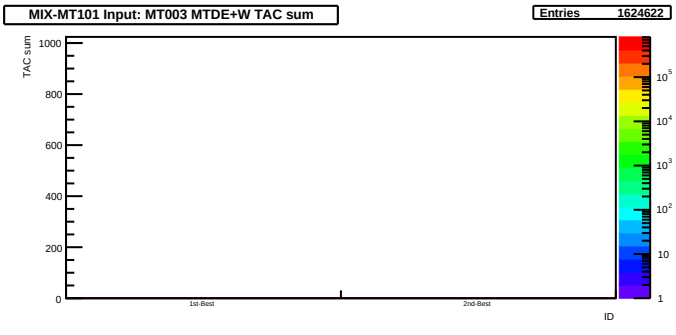
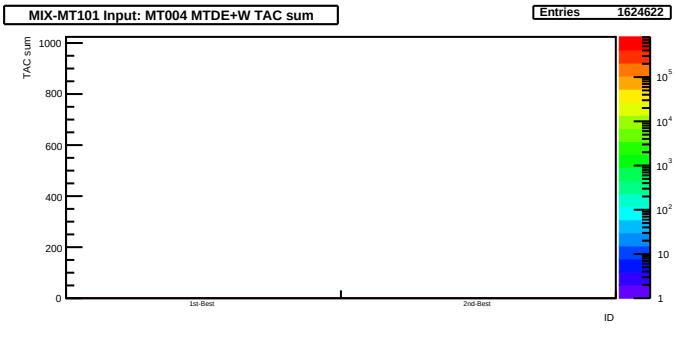
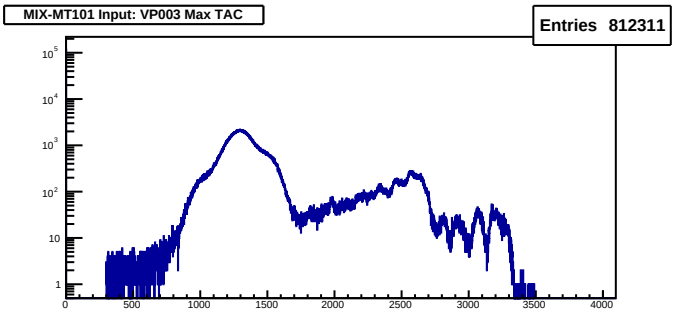
10^4
10^3
10^2
10
1

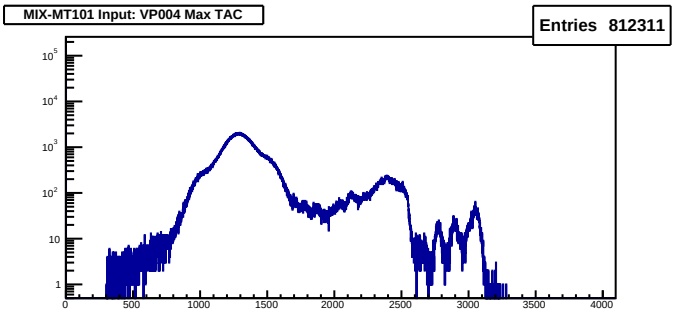

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1624622
TAC sum
1st-Best
2nd-Best
ID

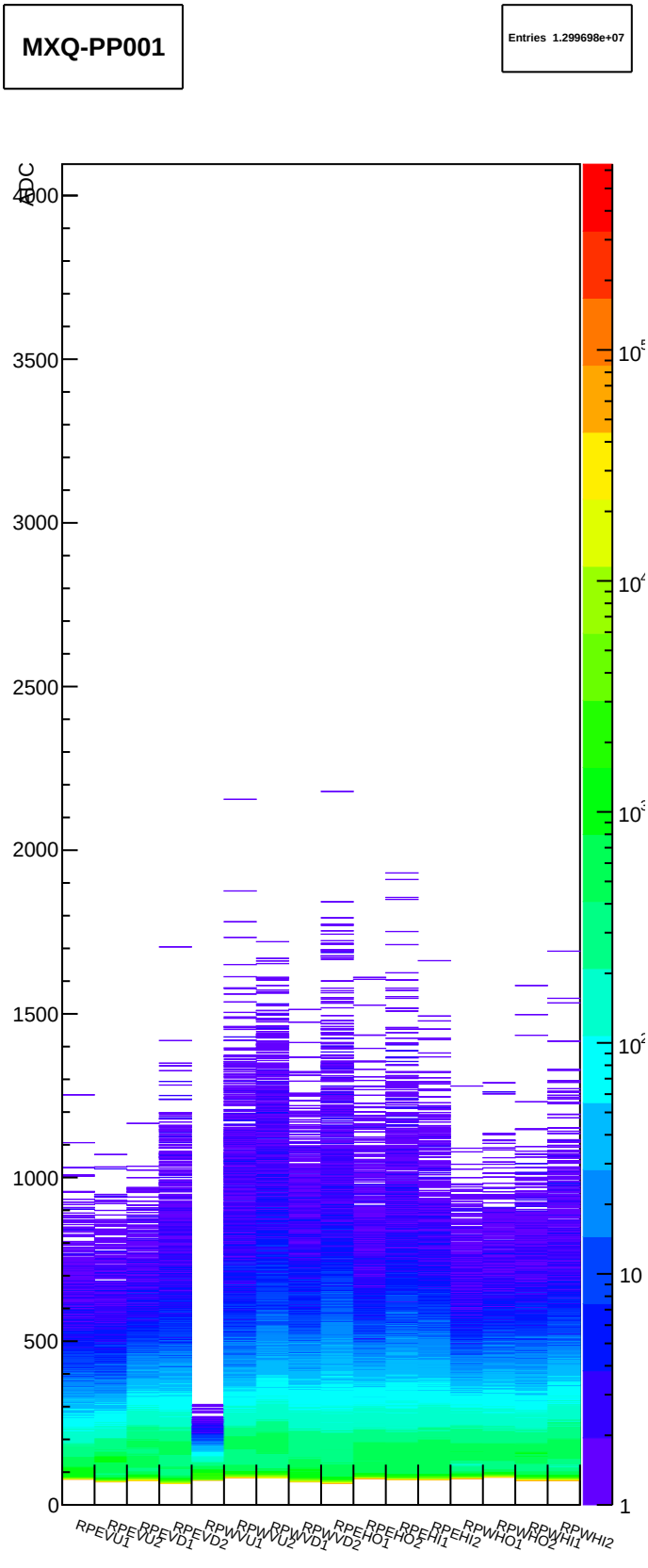

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1624622
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1624622
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1624622
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: VP003 Max TAC
Entries 812311


MIX-MT101 Input: VP004 Max TAC
Entries 812311


MXQ-PP001
Entries 1.299698e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
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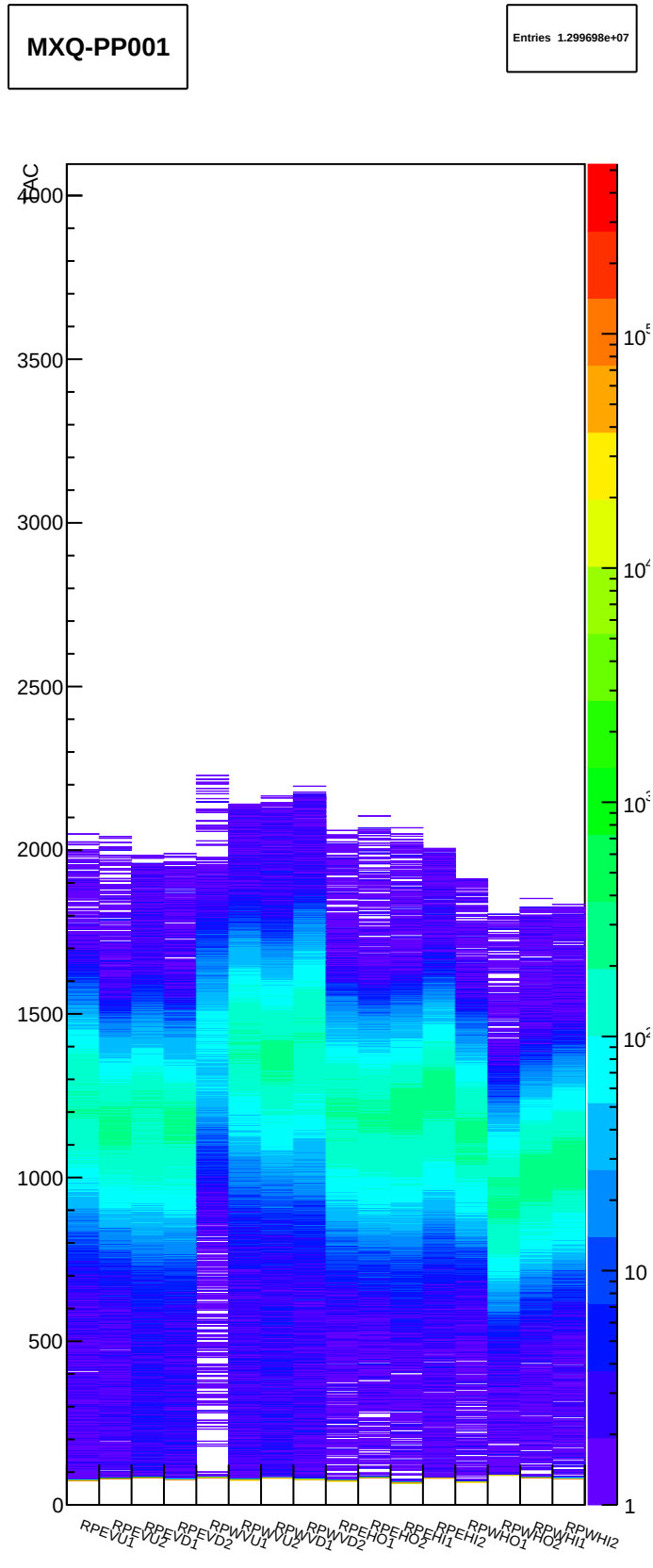
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1


MXQ-PP001
Entries 1.299698e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
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RPEHO2
RPEHI1
RPEHI2
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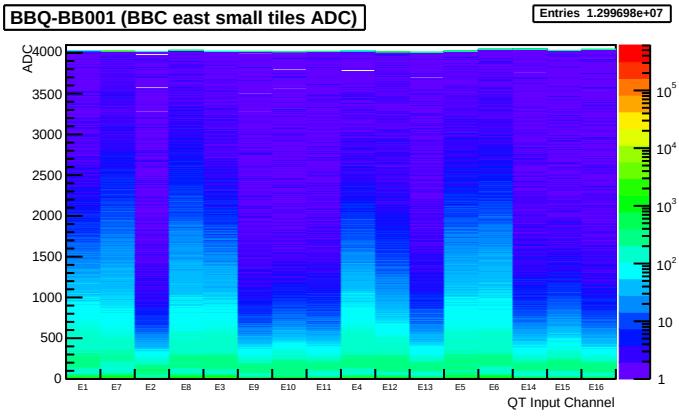
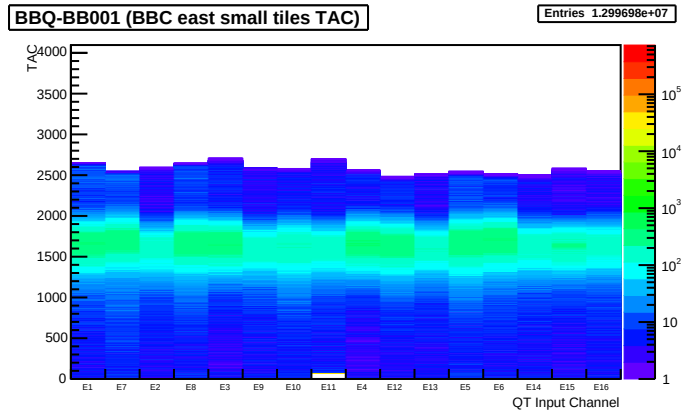
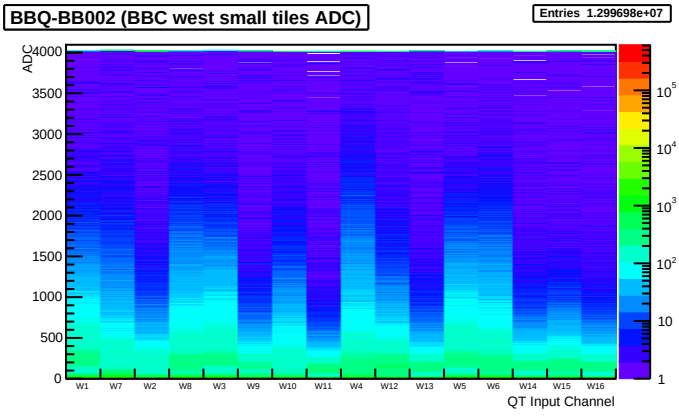
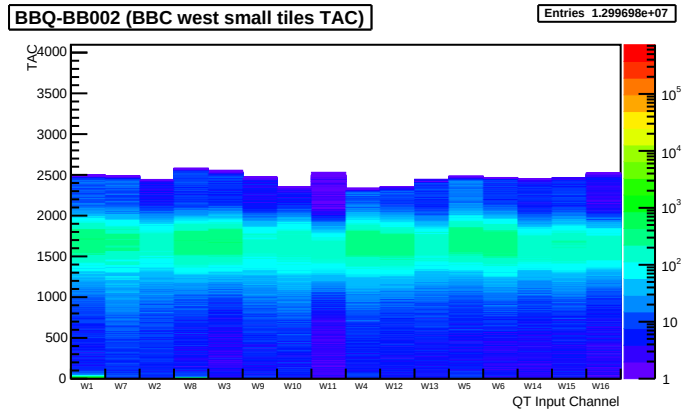
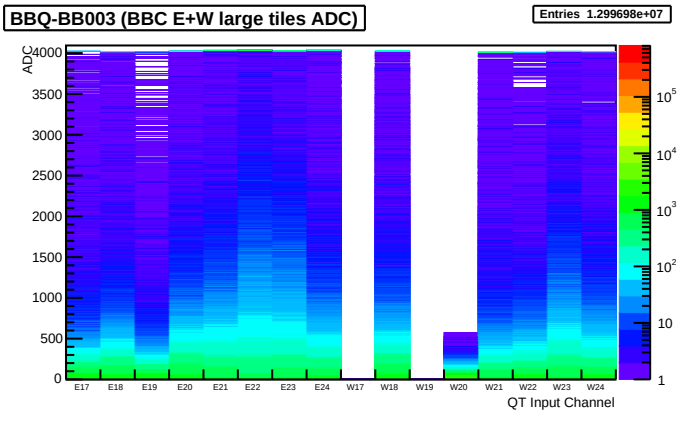
RPWHO2
RPWHI1
RPWHI2
10
1

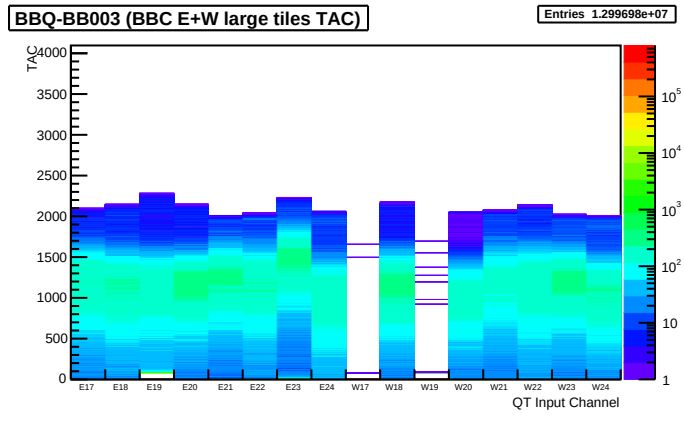

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.299698e+07
ADC
QT Input Channel

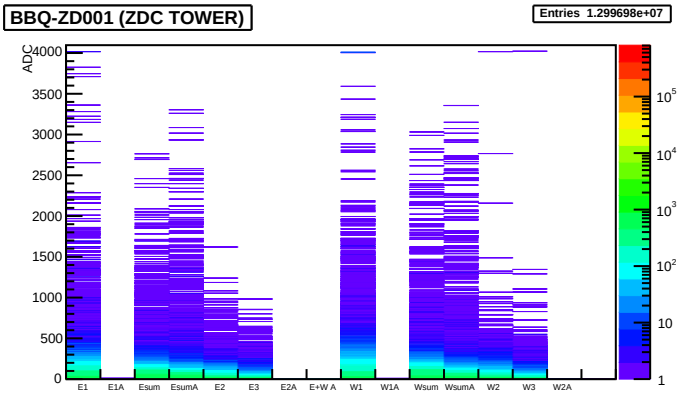

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.299698e+07
TAC
QT Input Channel

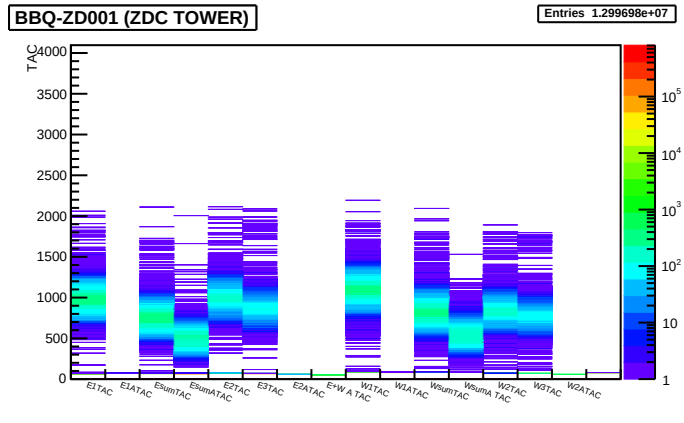

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.299698e+07
ADC
QT Input Channel

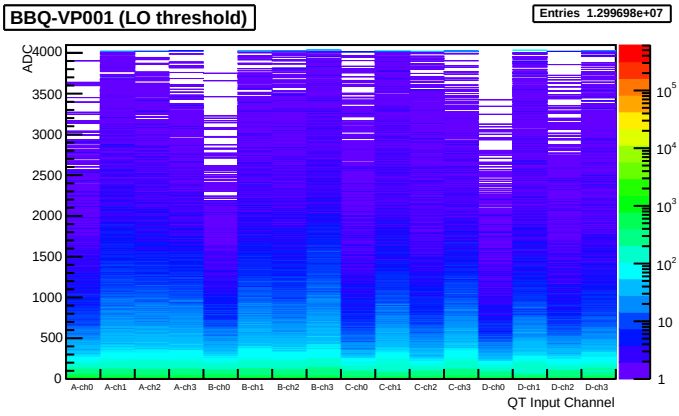

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.299698e+07
TAC
QT Input Channel

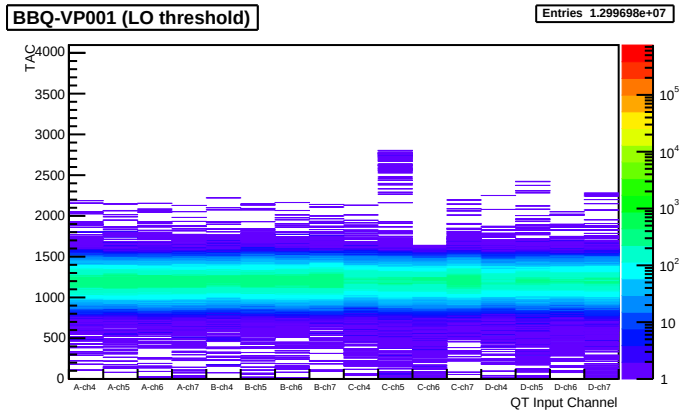

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.299698e+07
ADC
QT Input Channel

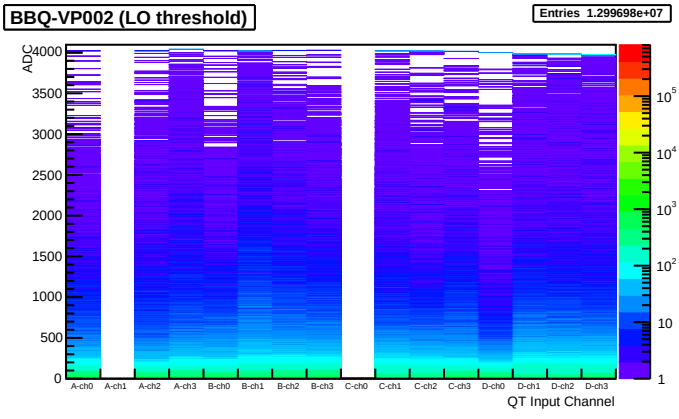

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.299698e+07
TAC
QT Input Channel

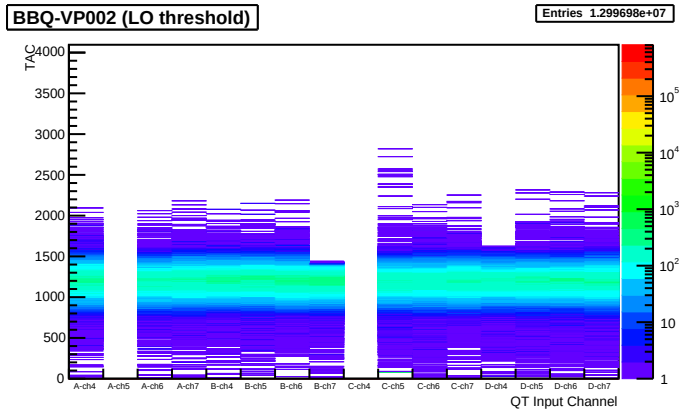

BBQ-ZD001 (ZDC TOWER)
Entries 1.299698e+07
ADC

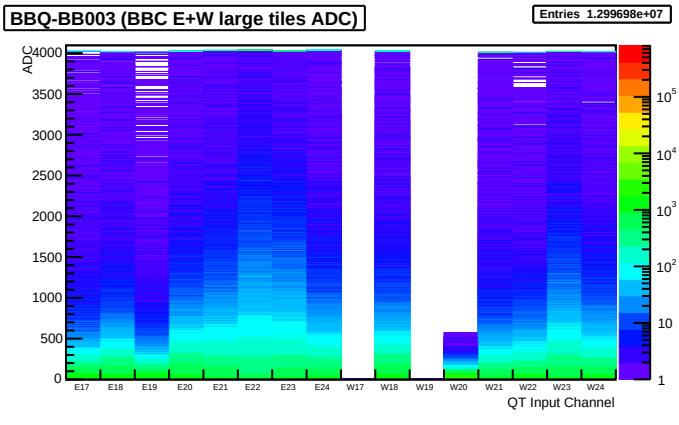

BBQ-ZD001 (ZDC TOWER)
Entries 1.299698e+07
TAC

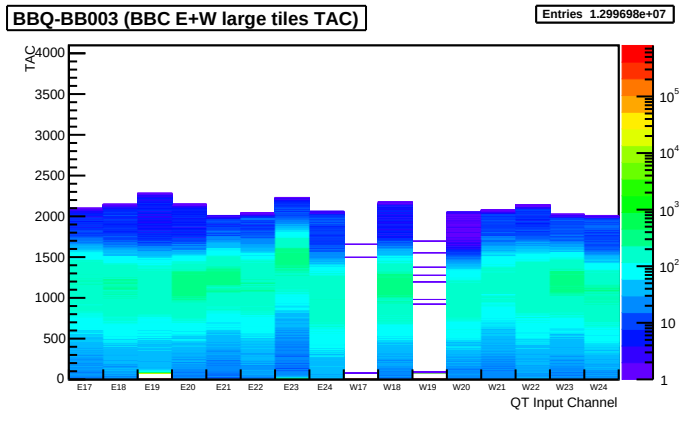

BBQ-VP001 (LO threshold)
Entries 1.299698e+07
ADC
QT Input Channel

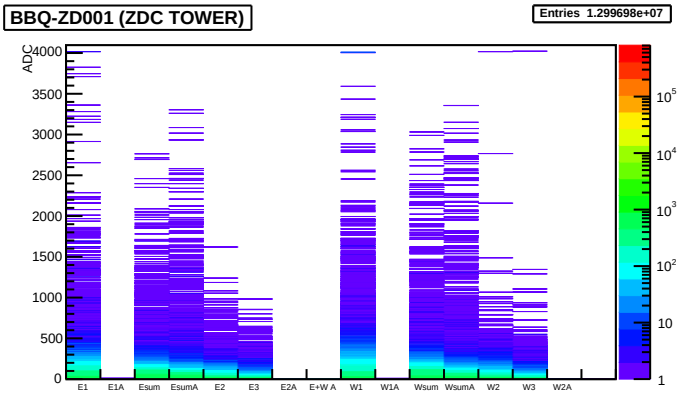

BBQ-VP001 (LO threshold)
Entries 1.299698e+07
TAC
QT Input Channel

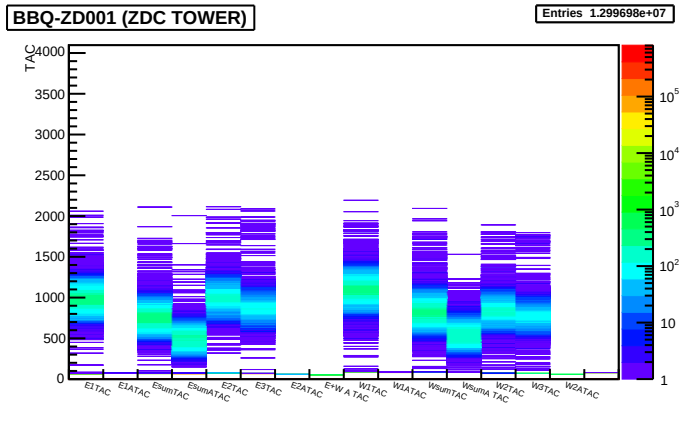

BBQ-VP002 (LO threshold)
Entries 1.299698e+07
ADC
QT Input Channel

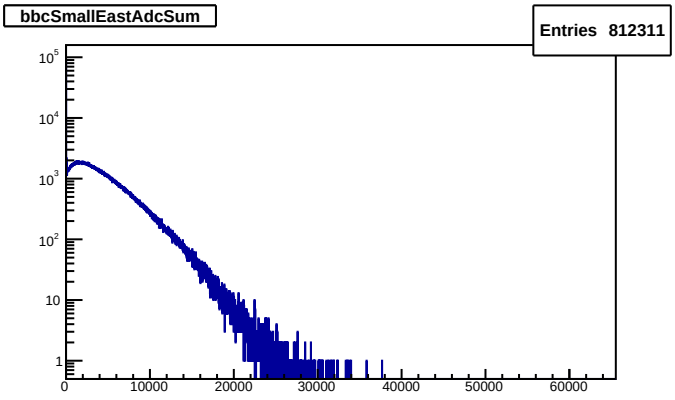

BBQ-VP002 (LO threshold)
Entries 1.299698e+07
TAC
QT Input Channel

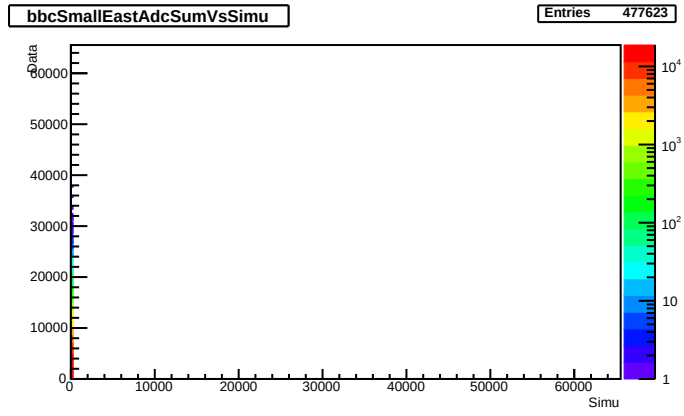

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.299698e+07
ADC
QT Input Channel

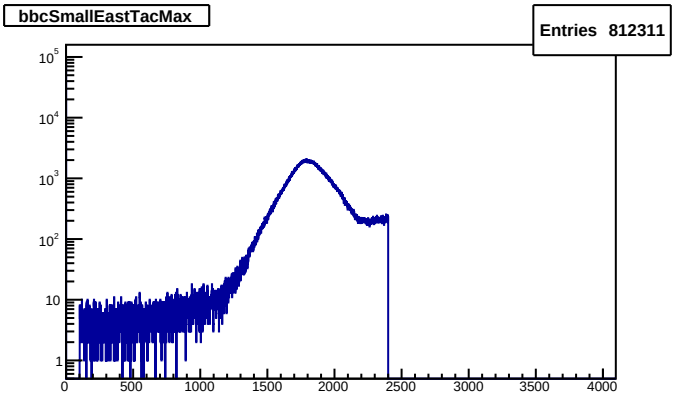

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.299698e+07
TAC
QT Input Channel

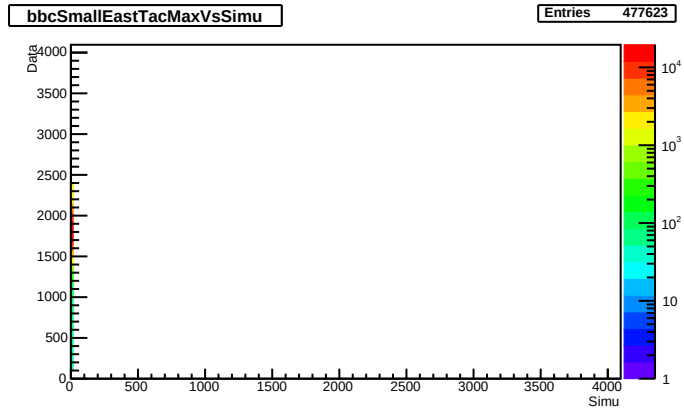

BBQ-ZD001 (ZDC TOWER)
Entries 1.299698e+07
ADC


BBQ-ZD001 (ZDC TOWER)
Entries 1.299698e+07
TAC


bbcSmallEastAdcSum
Entries 812311


bbcSmallEastAdcSumVsSimu
Entries 477623
Data
Simu


bbcSmallEastTacMax
Entries 812311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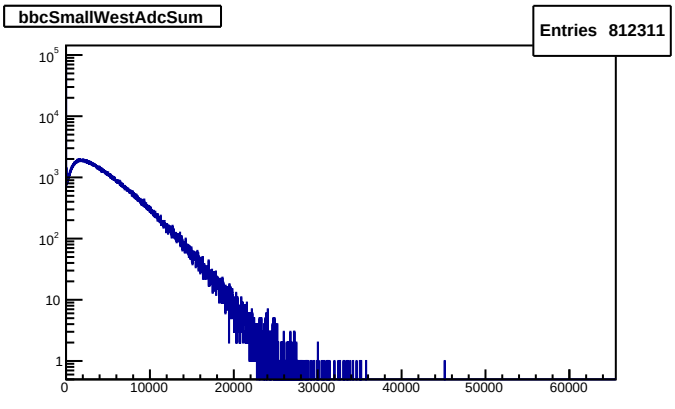
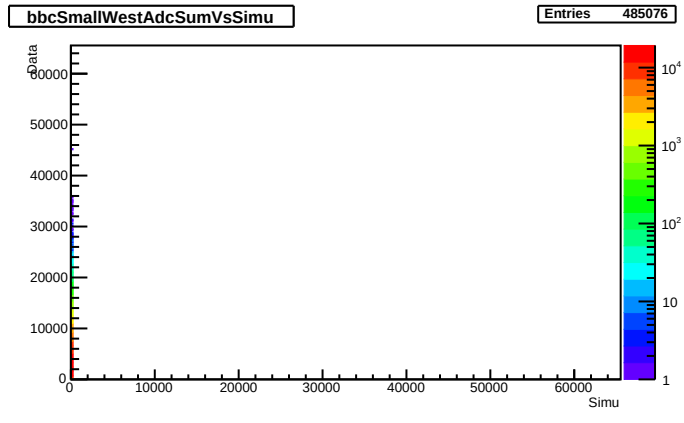
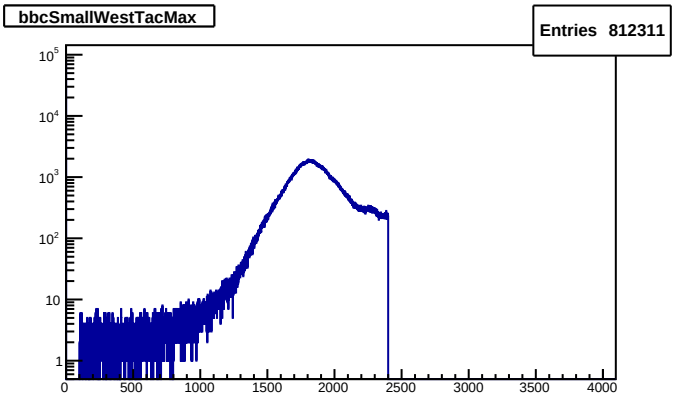
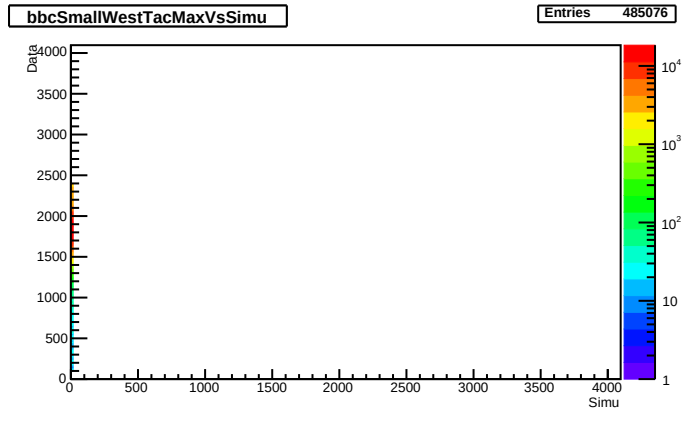
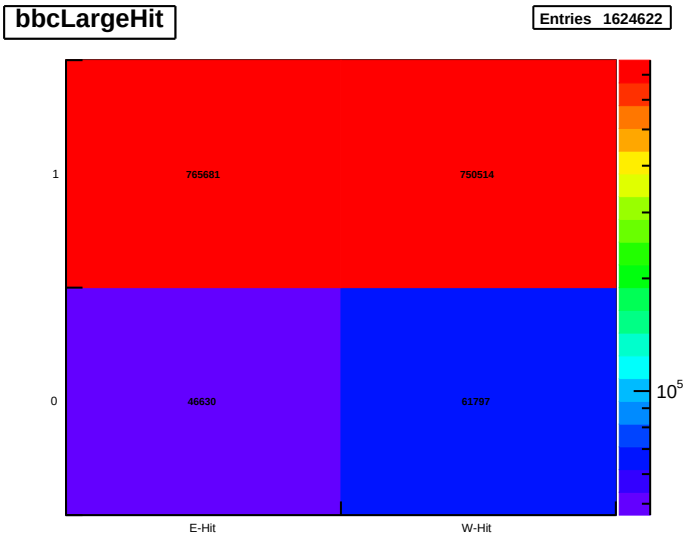
Entries 477623
Data
Simu

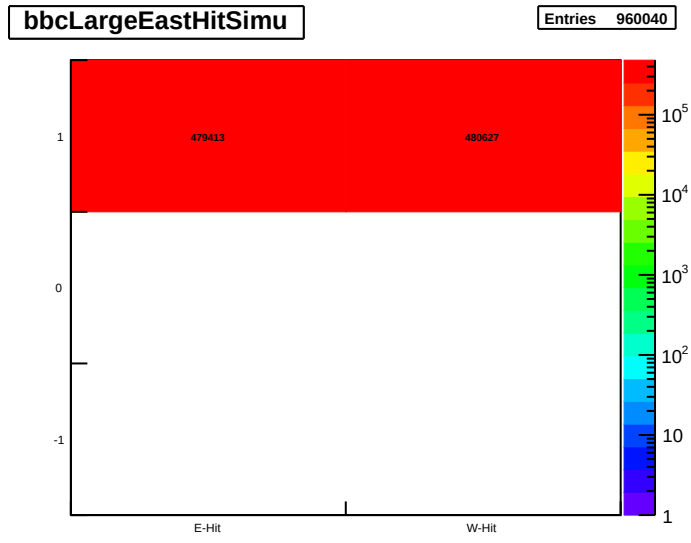

bbcSmallWestAdcSum
Entries 812311

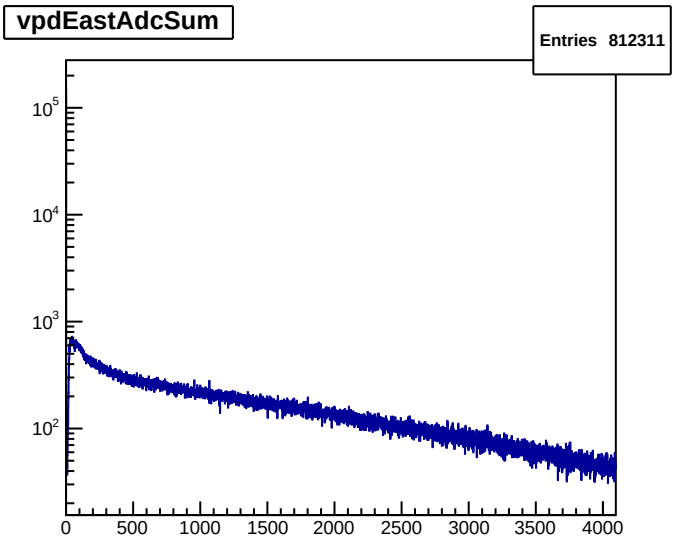

bbcSmallWestAdcSumVsSimu
Entries 485076
Data
Simu

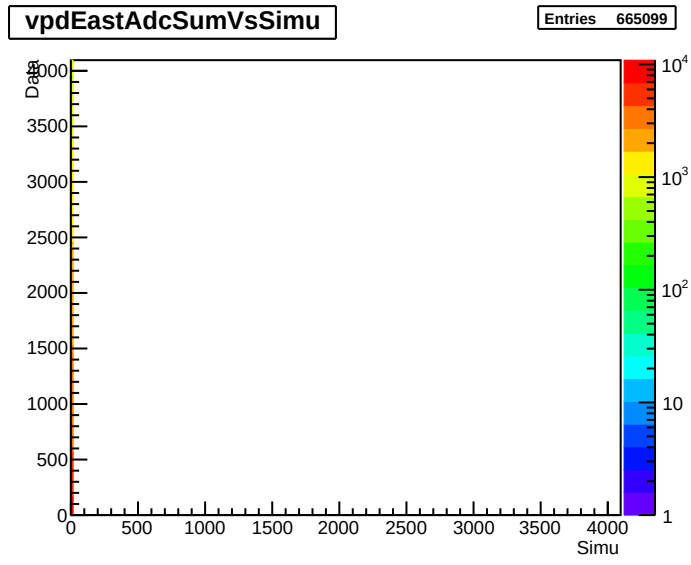

bbcSmallWestTacMax
Entries 812311

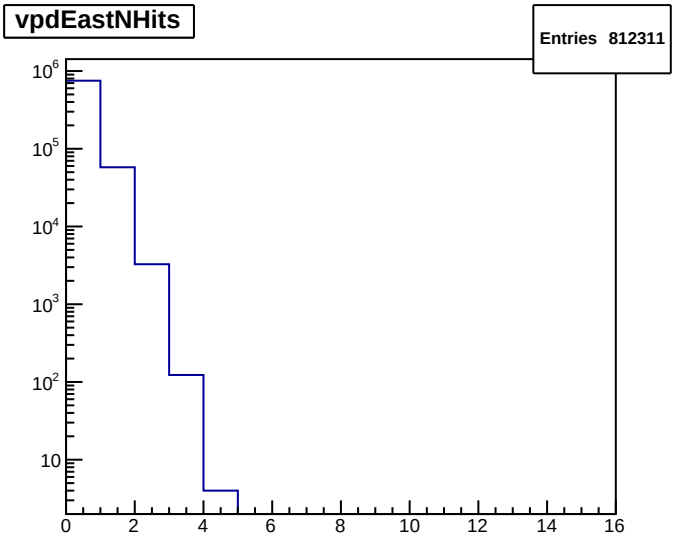

bbcSmallWestTacMaxVsSimu
Entries 485076
Data
Simu

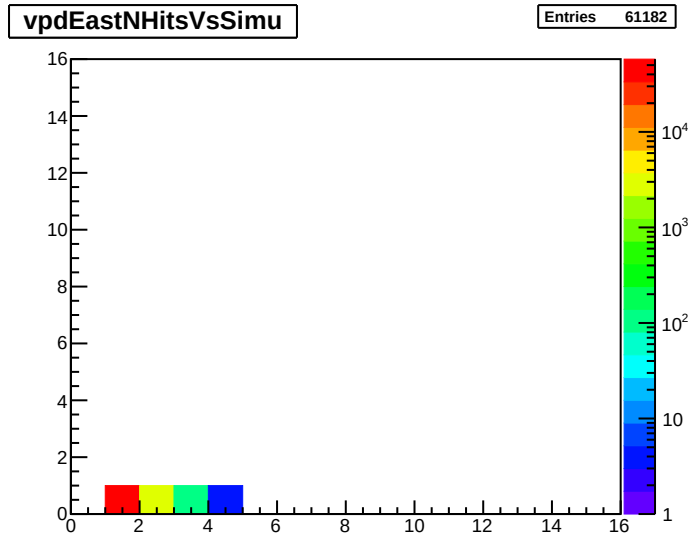

bbcLargeHit
Entries 1624622
765681
750514
46630
61797
1
0
E-Hit
W-Hit
10^5

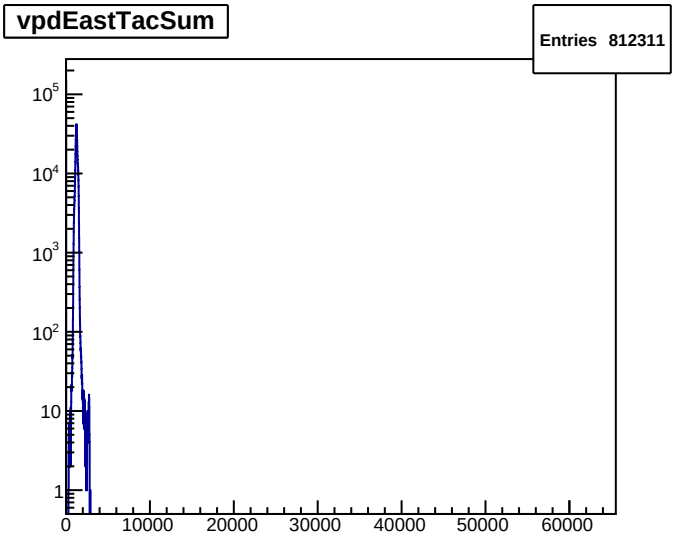

bbcLargeEastHitSimu
Entries 960040
479413
480627
1
0
-1
E-Hit
W-Hit
10^5
10^4
10^3
10^2
10
1

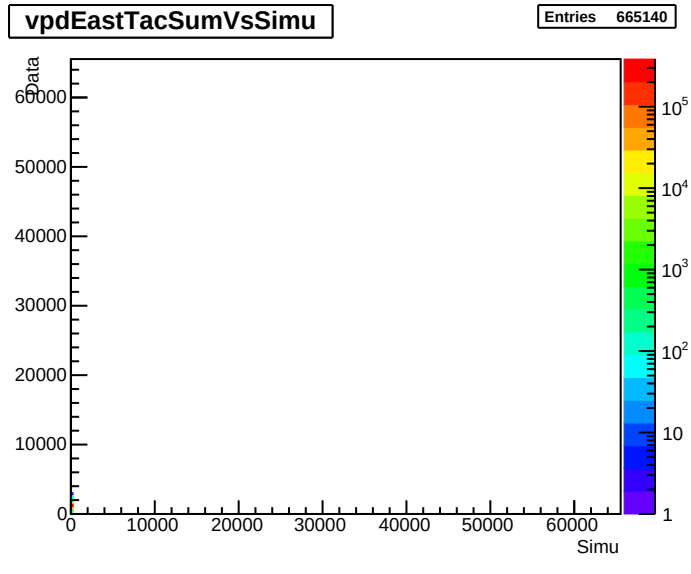

vpdEastAdcSum
Entries 812311

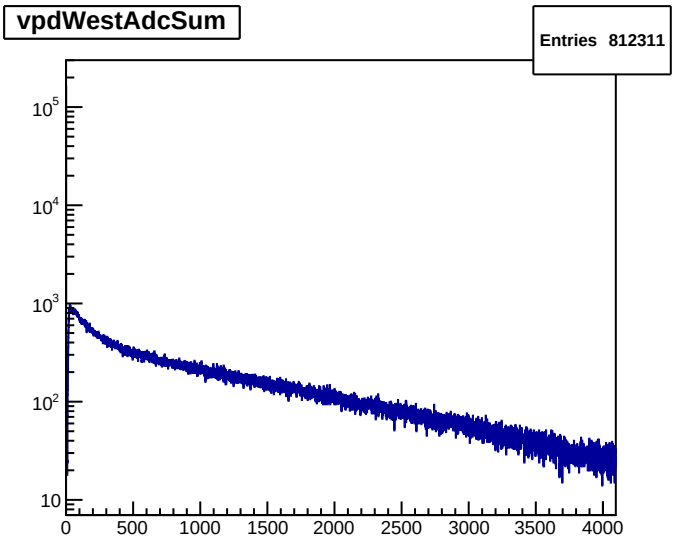

vpdEastAdcSumVsSimu
Entries 665099
Data
Simu

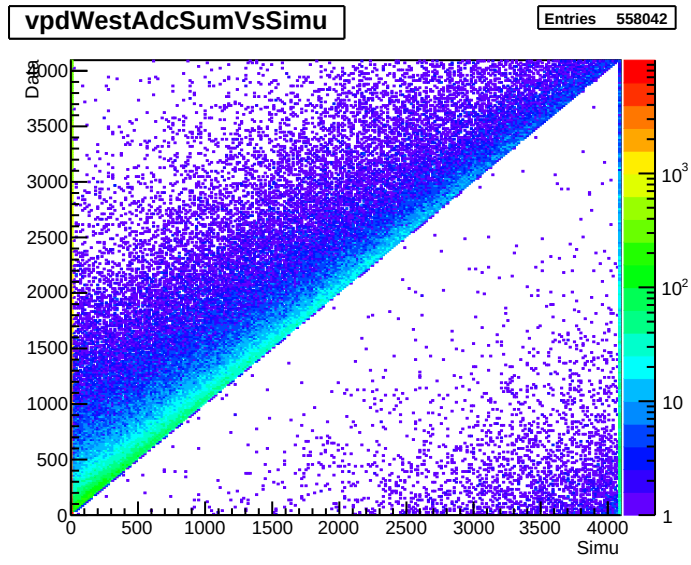

vpdEastNHits
Entries 812311

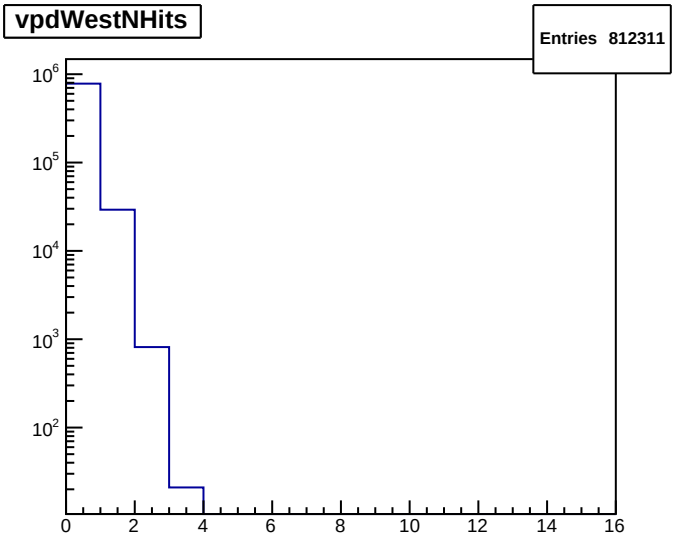

vpdEastNHitsVsSimu
Entries 61182

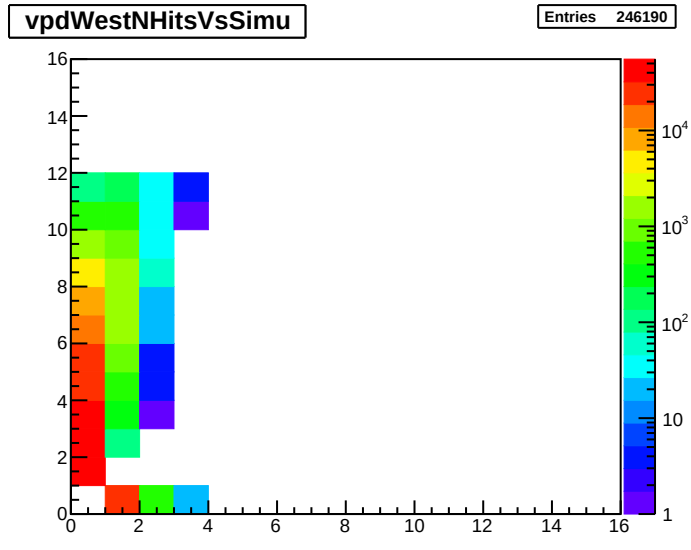

vpdEastTacSum
Entries 812311

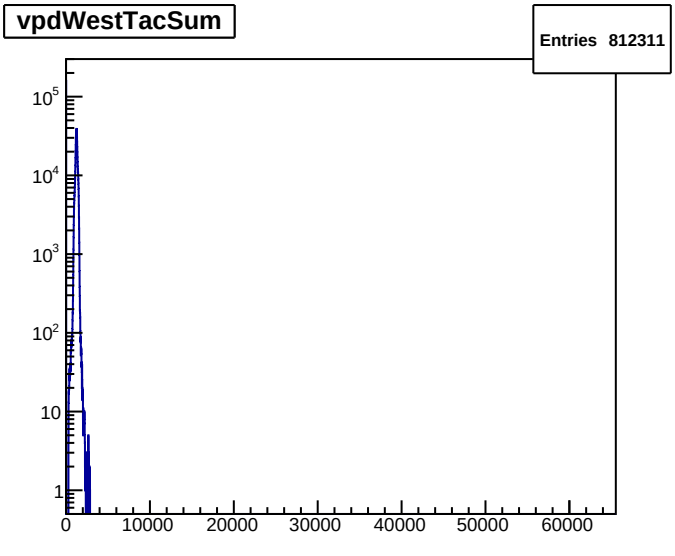

vpdEastTacSumVsSimu
Entries 665140
Data
Simu

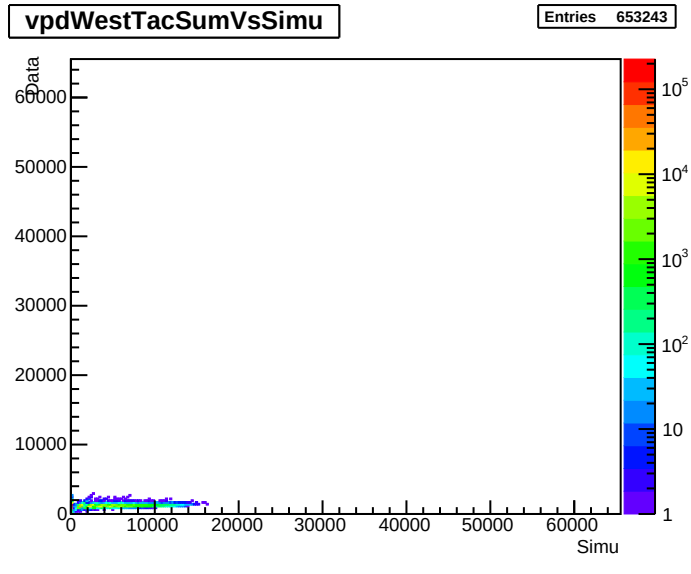

vpdWestAdcSum
Entries 812311

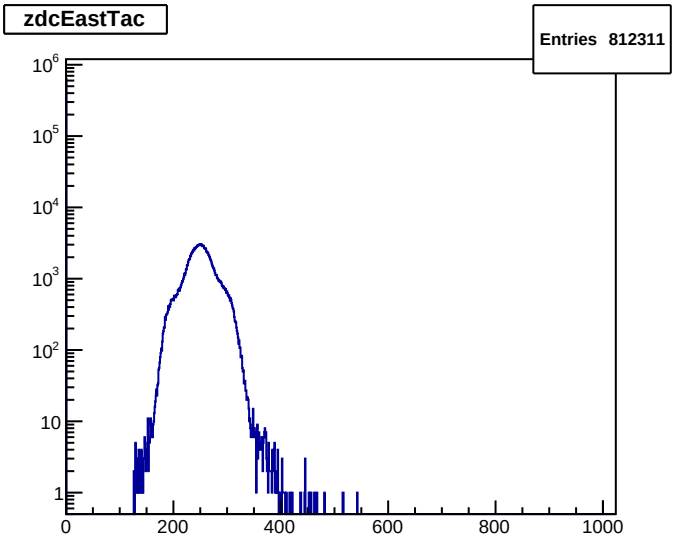

vpdWestAdcSumVsSimu
Entries 558042
Data
Simu

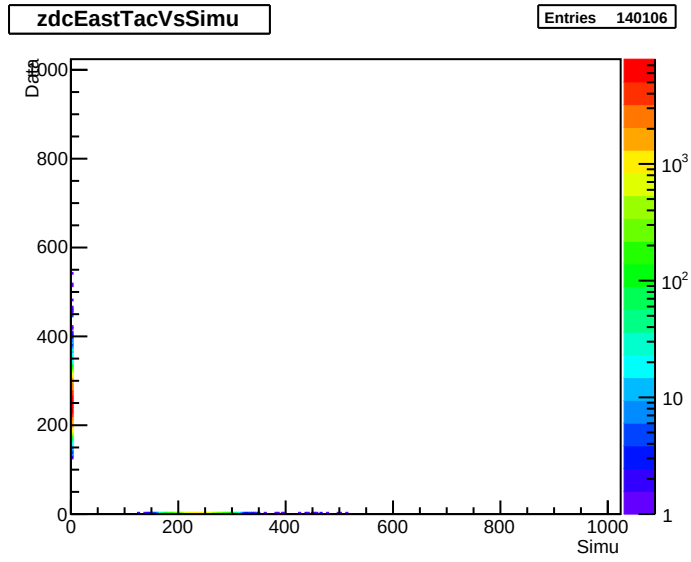

vpdWestNHits
Entries 812311

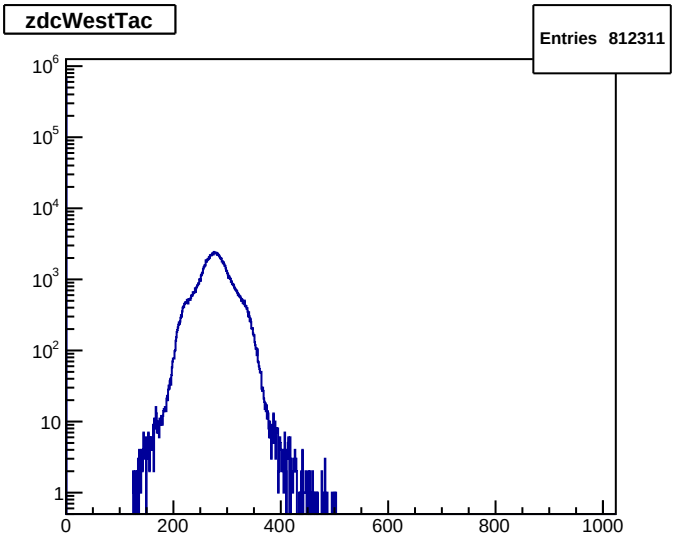

vpdWestNHitsVsSimu
Entries 246190

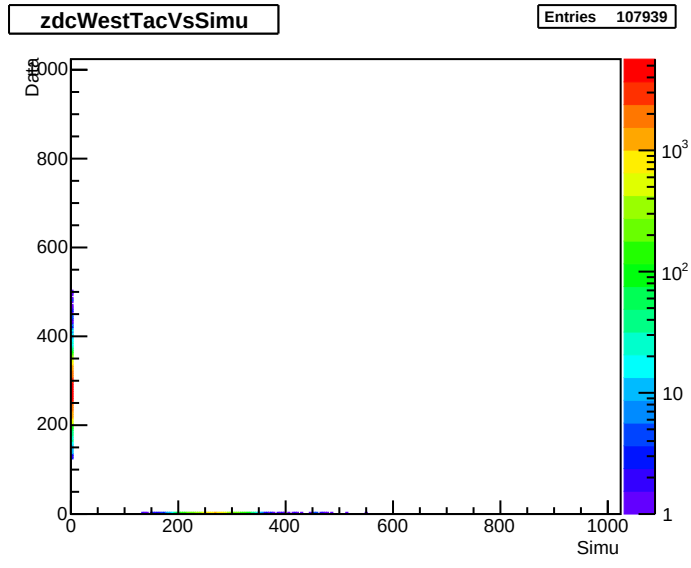

vpdWestTacSum
Entries 812311

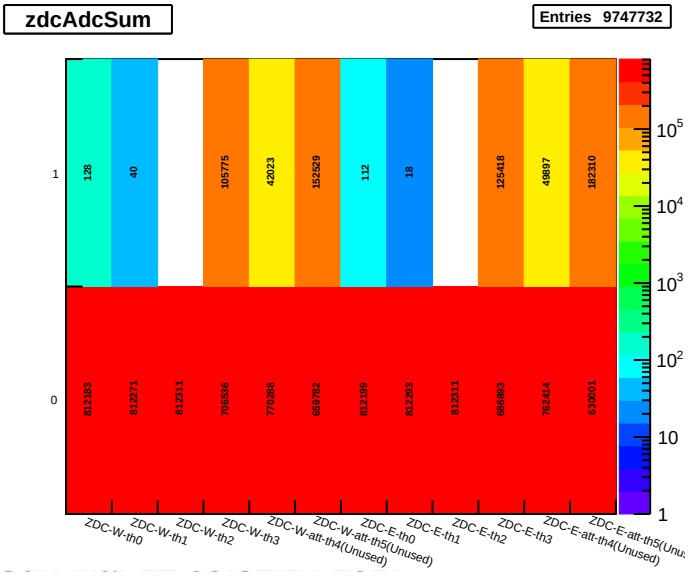

vpdWestTacSumVsSimu
Entries 653243
Data
Simu

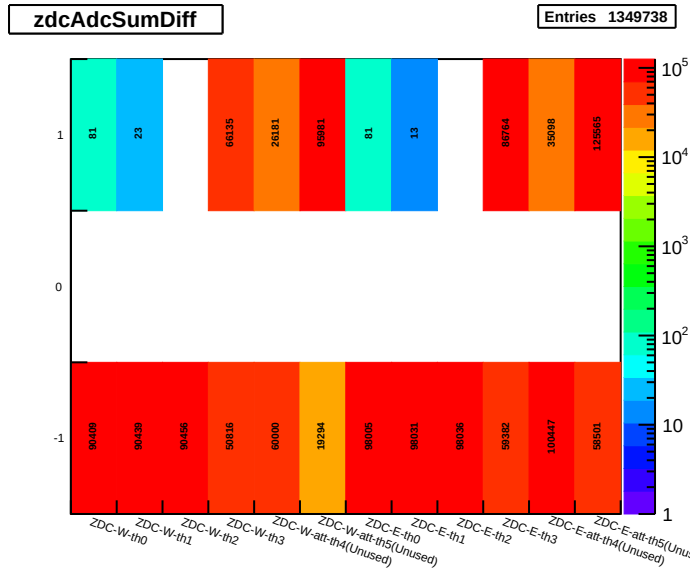

zdcEastTac
Entries 812311

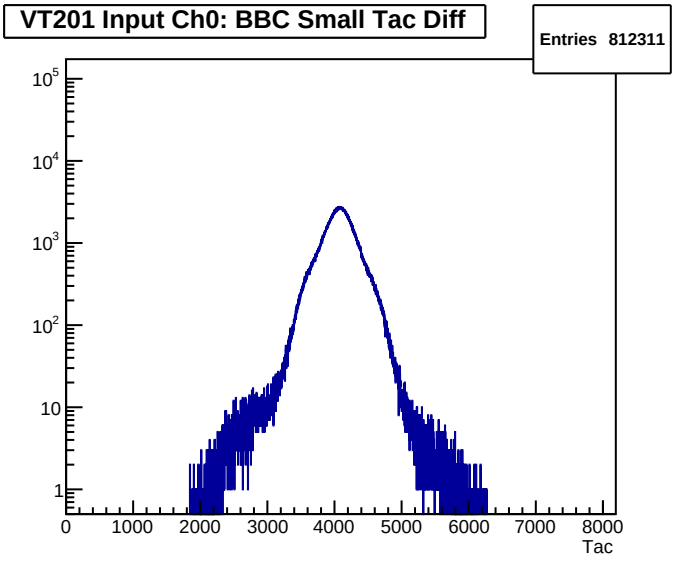

zdcEastTacVsSimu
Entries 140106
Data
Simu

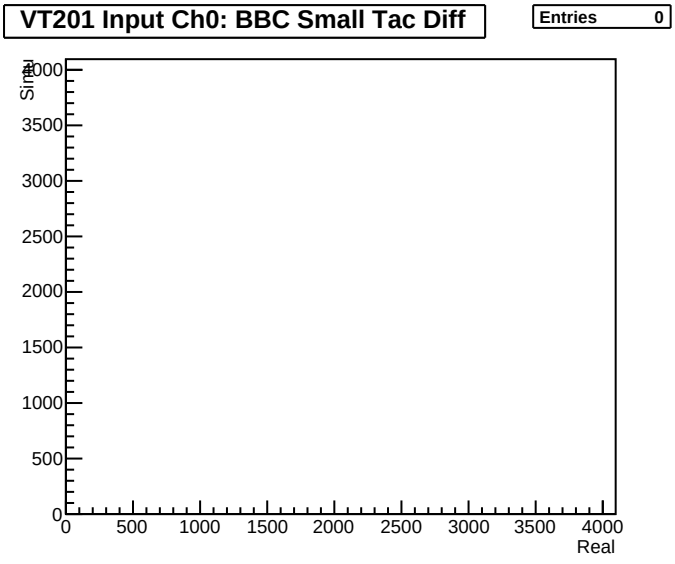

zdcWestTac
Entries 812311

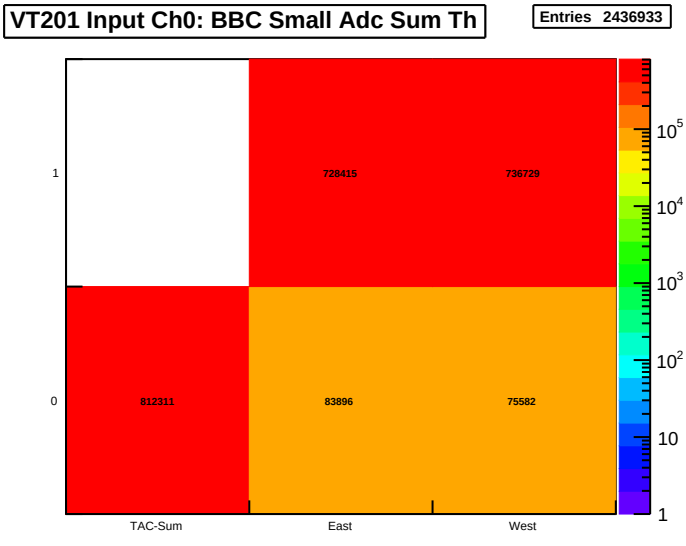

zdcWestTacVsSimu
Entries 107939
Data
Simu

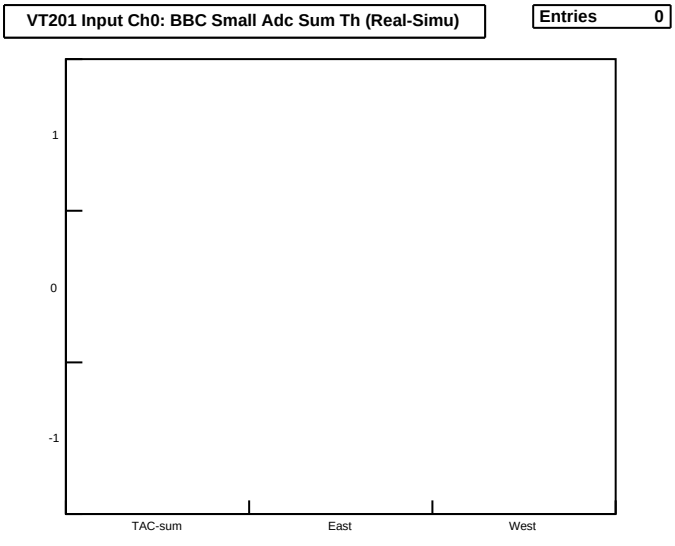

zdcAdcSum
Entries 9747732
128
40
105775
42023
152529
112
18
125418
49897
182310
812183
812271
812311
706536
770288
659782
812199
812293
812311
686803
762414
630001
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

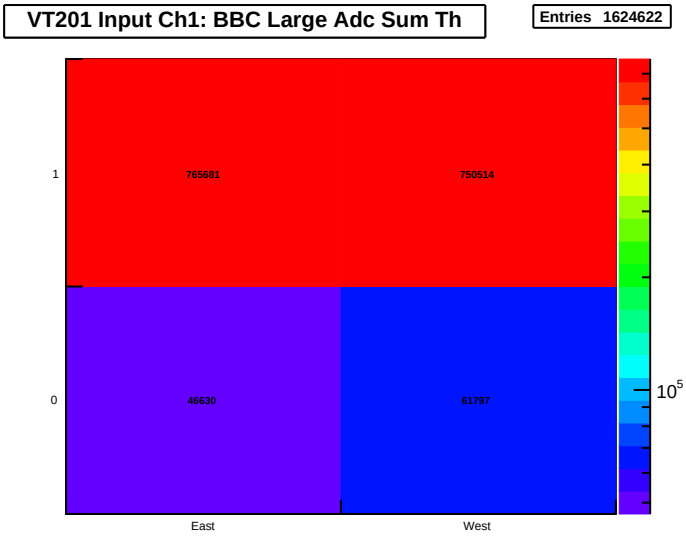

zdcAdcSumDiff
Entries 1349738
81
23
66135
26181
95881
81
13
86764
35098
125565
90409
90439
90456
50816
60000
19294
98005
98031
98036
59382
100447
58501
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

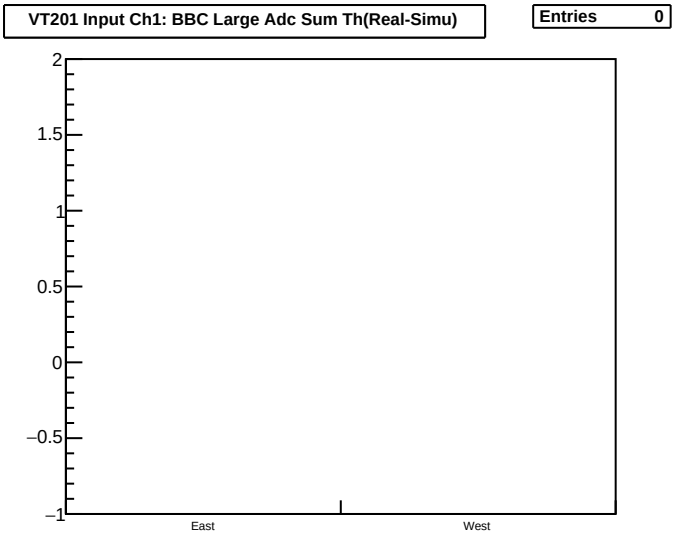

VT201 Input Ch0: BBC Small Tac Diff
Entries 812311
Tac


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

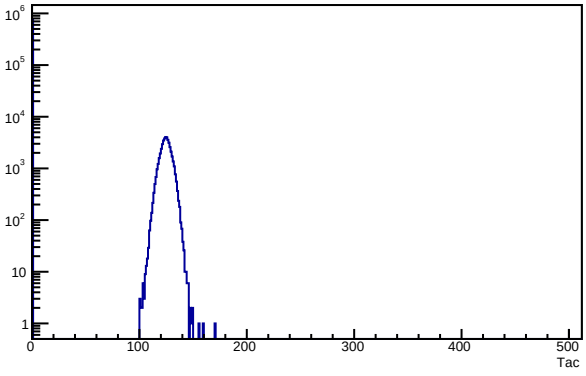

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 2436933
728415
736729
812311
83896
75582
TAC-Sum
East
West


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

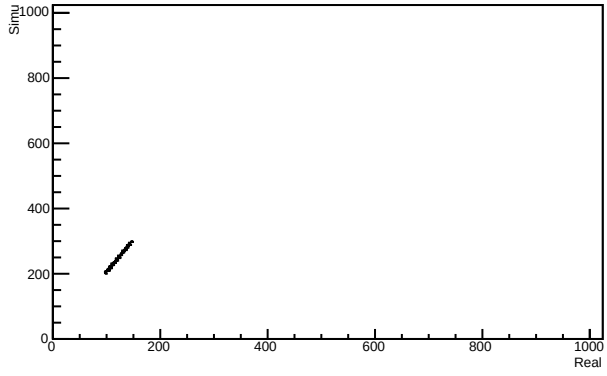

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1624622
765681
750514
46630
61797
East
West


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

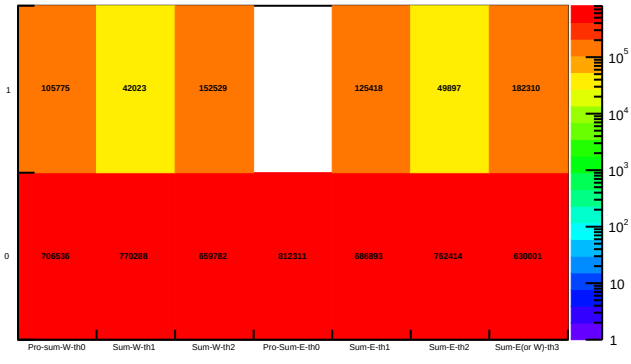
VT201 Input Ch2: ZDC Tac Diff



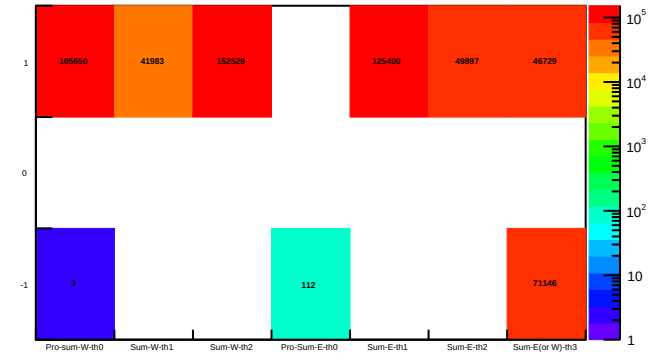
VT201 Input Ch2: ZDC Tac Diff



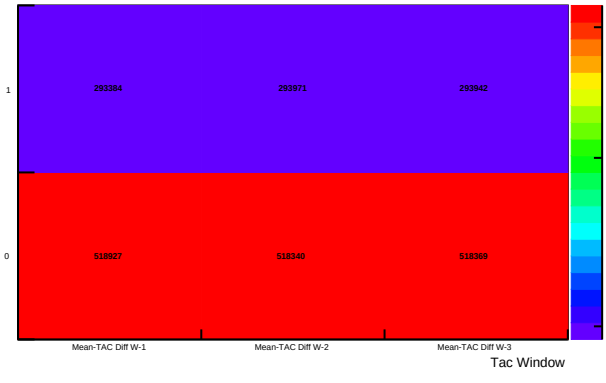
VT201 Input Ch2: ZDC Adc Sum Th



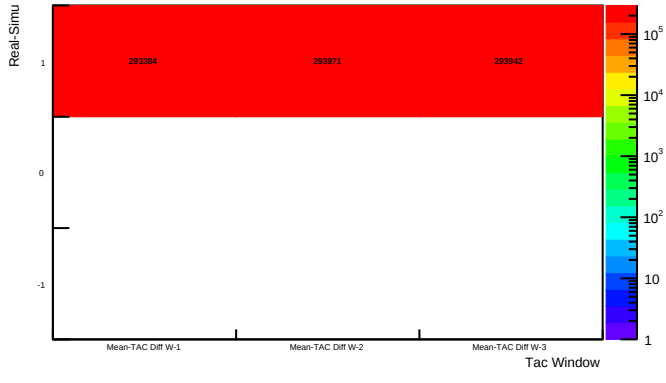
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



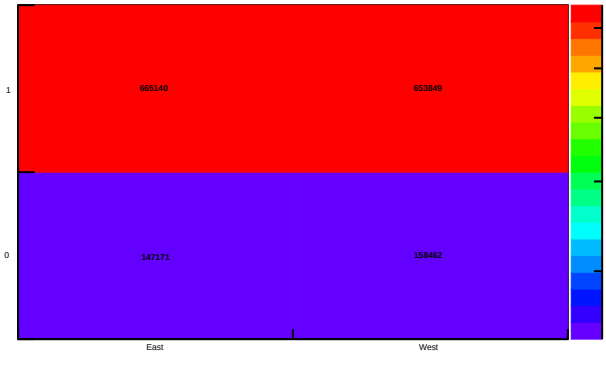
VT201 Input Ch4: VPD Tac Diff



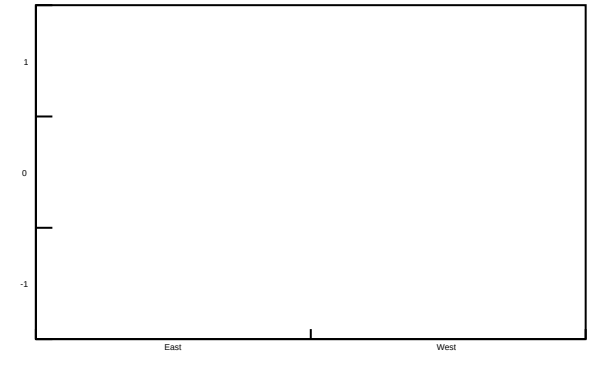
VT201 Input Ch4: VPD Tac Diff

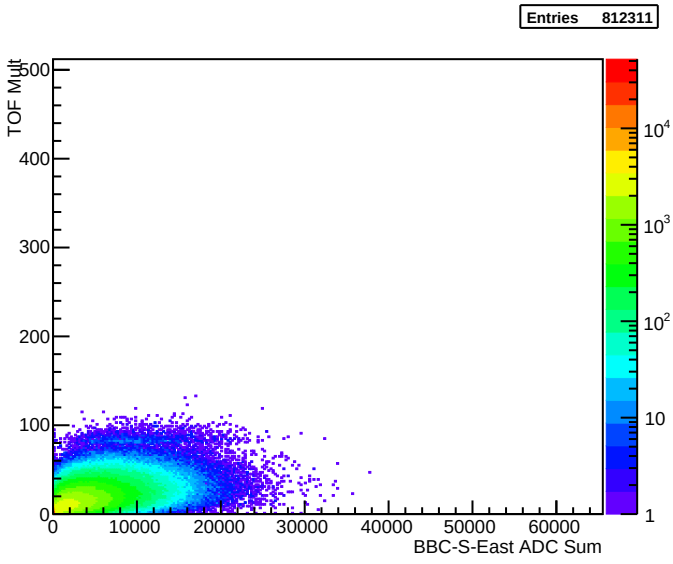


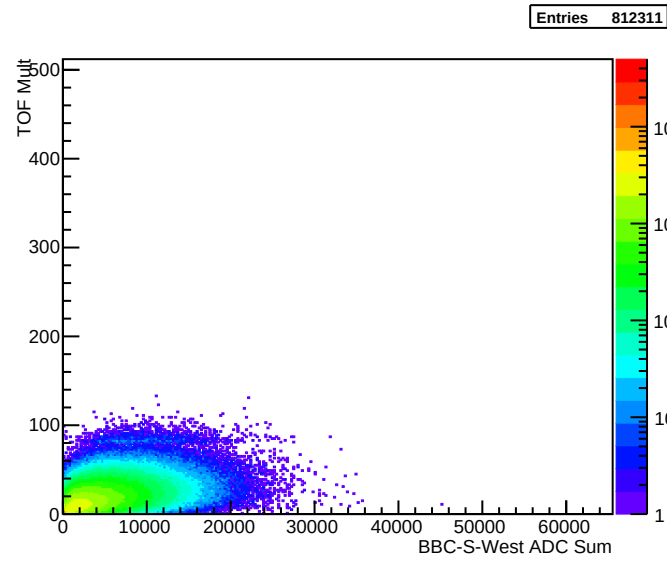
VT201 Input Ch4: VPD Adc Sum Th

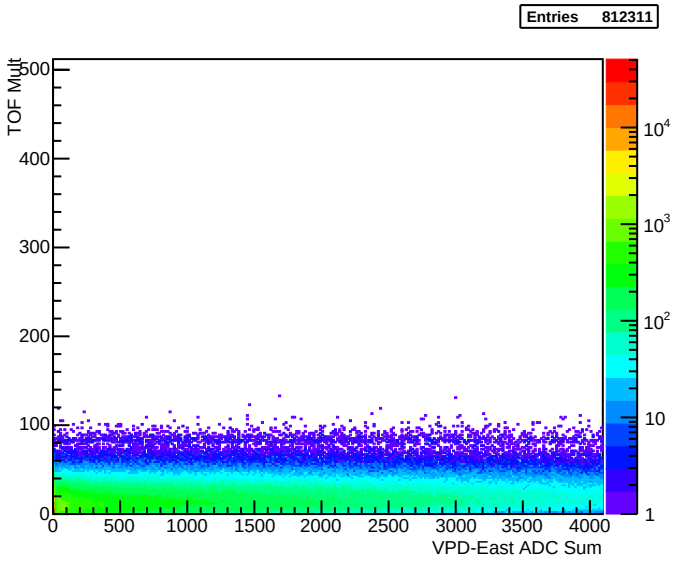


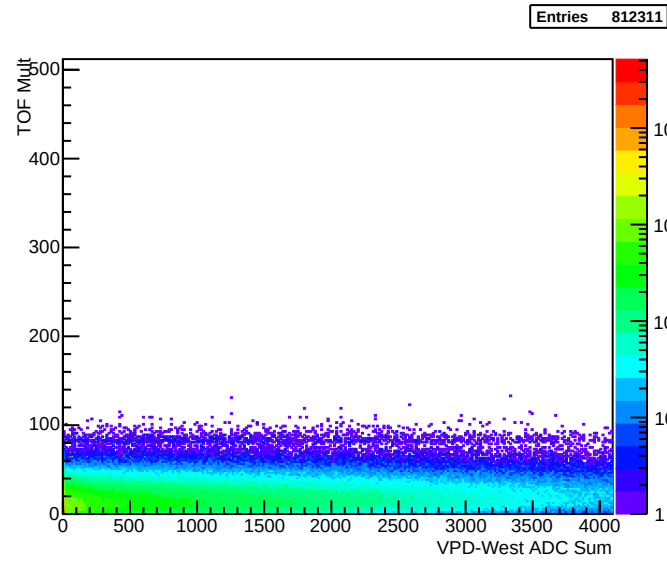
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

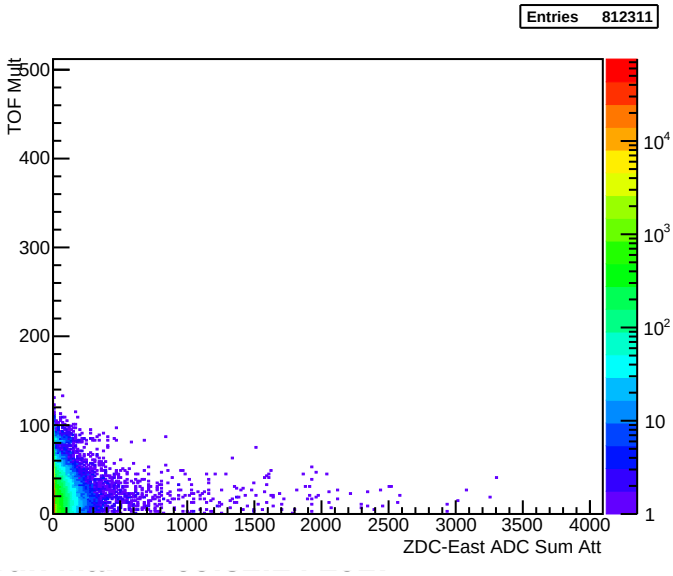


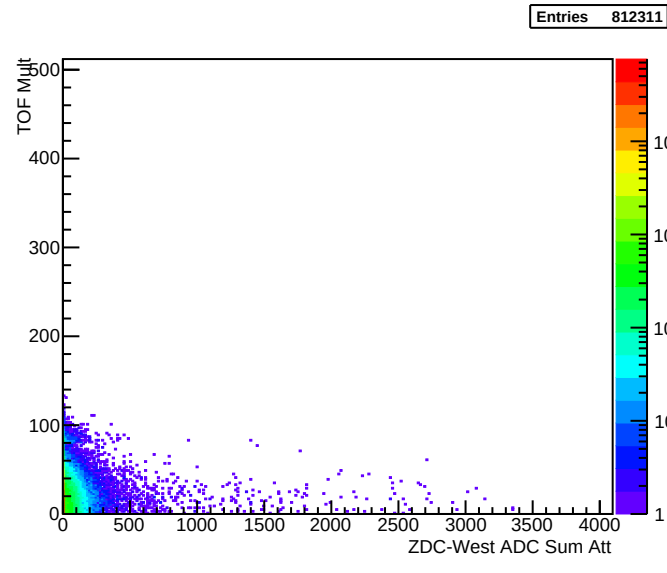

Entries 812311
TOF Mult
BBC-S-East ADC Sum

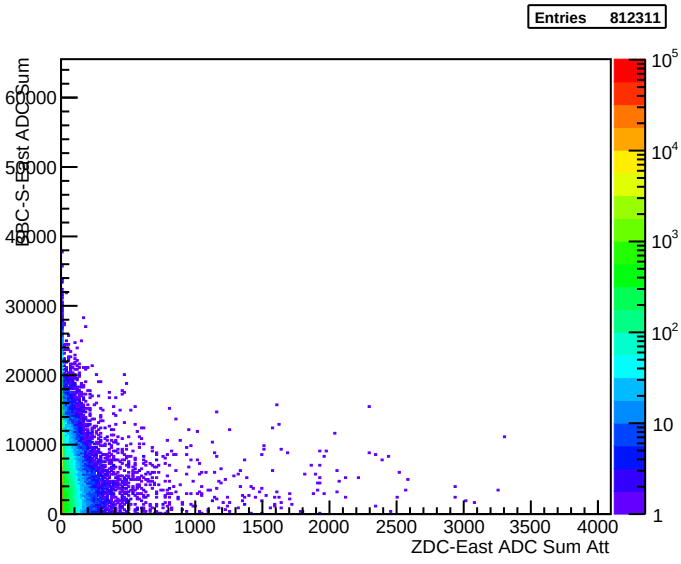

Entries 812311
TOF Mult
BBC-S-West ADC Sum

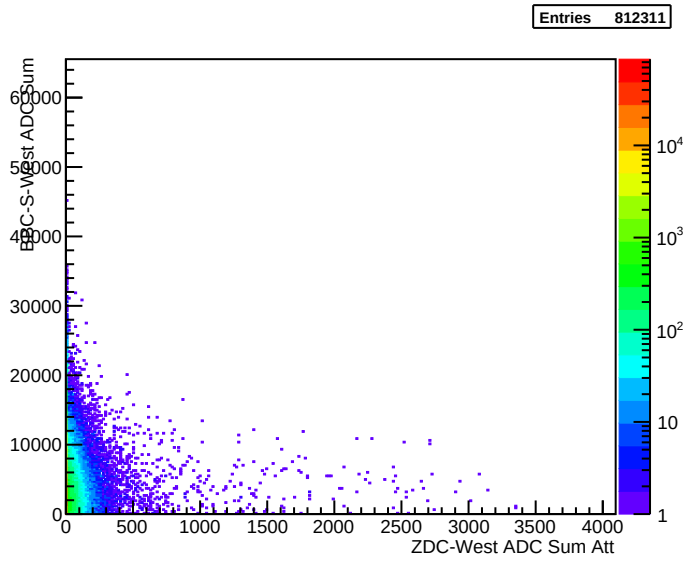

Entries 812311
TOF Mult
VPD-East ADC Sum

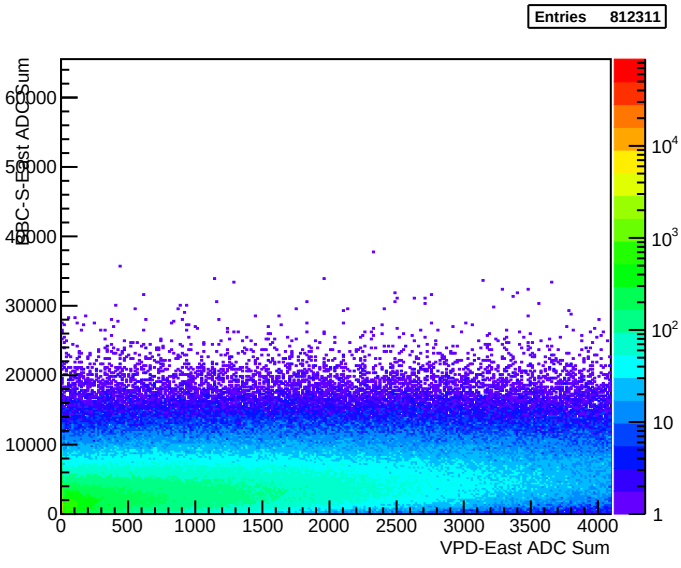

Entries 812311
TOF Mult
VPD-West ADC Sum

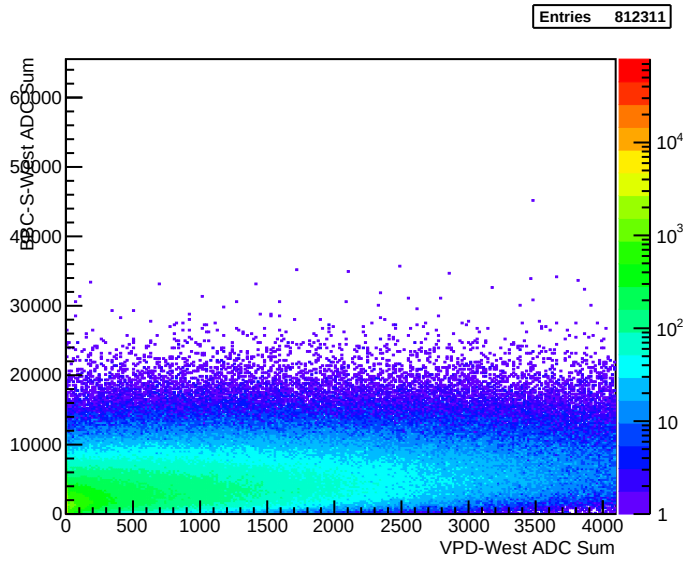

Entries 812311
TOF Mult
ZDC-East ADC Sum Att

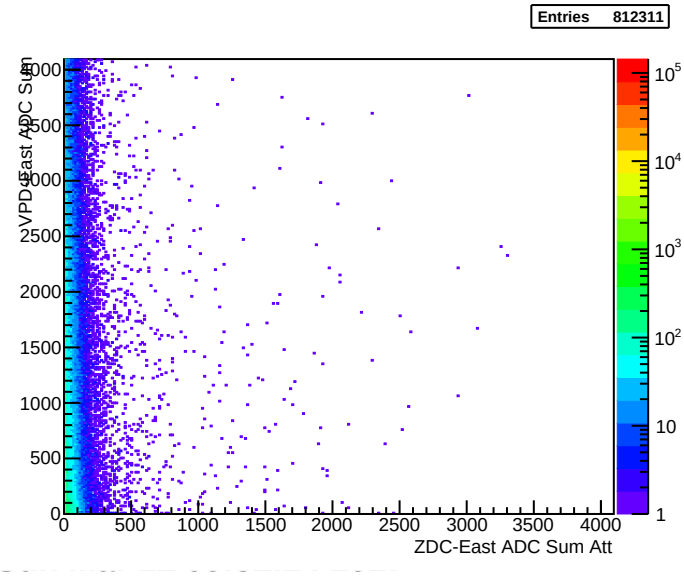

Entries 812311
TOF Mult
ZDC-West ADC Sum Att

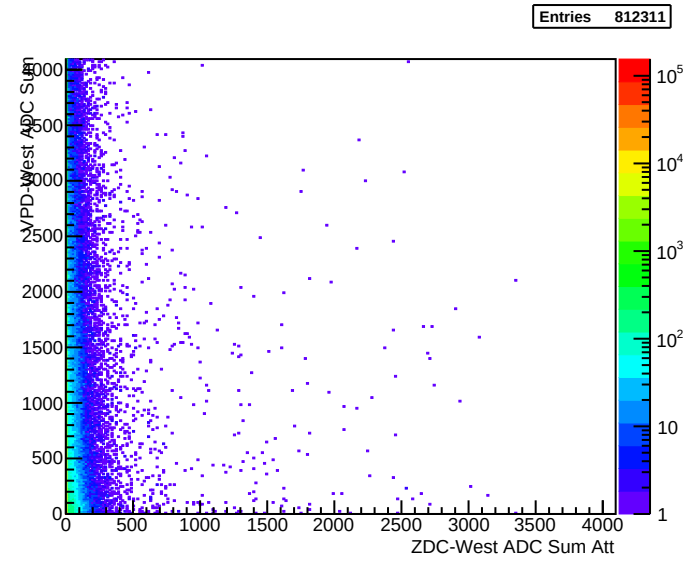

Entries 812311
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

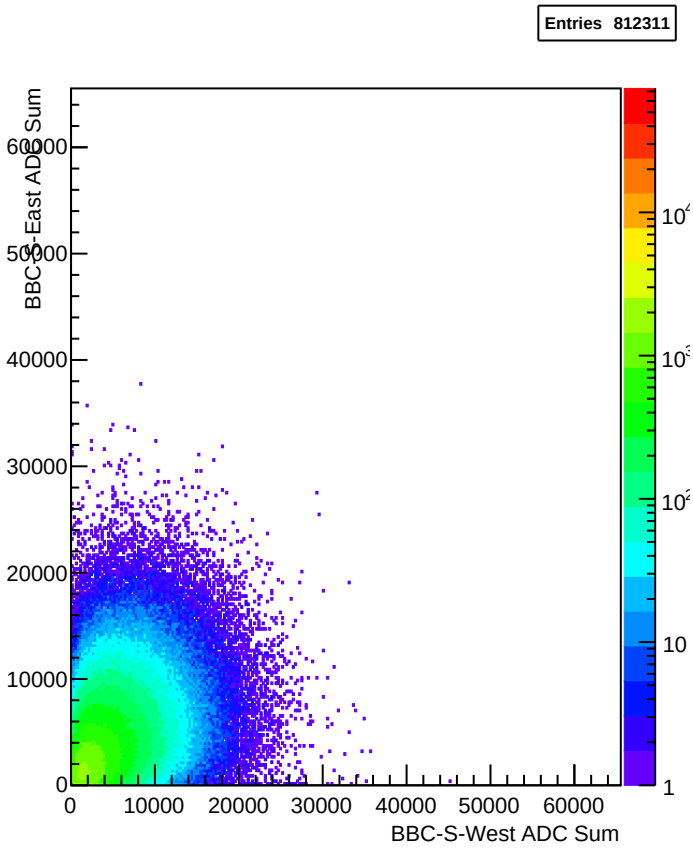

Entries 812311
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

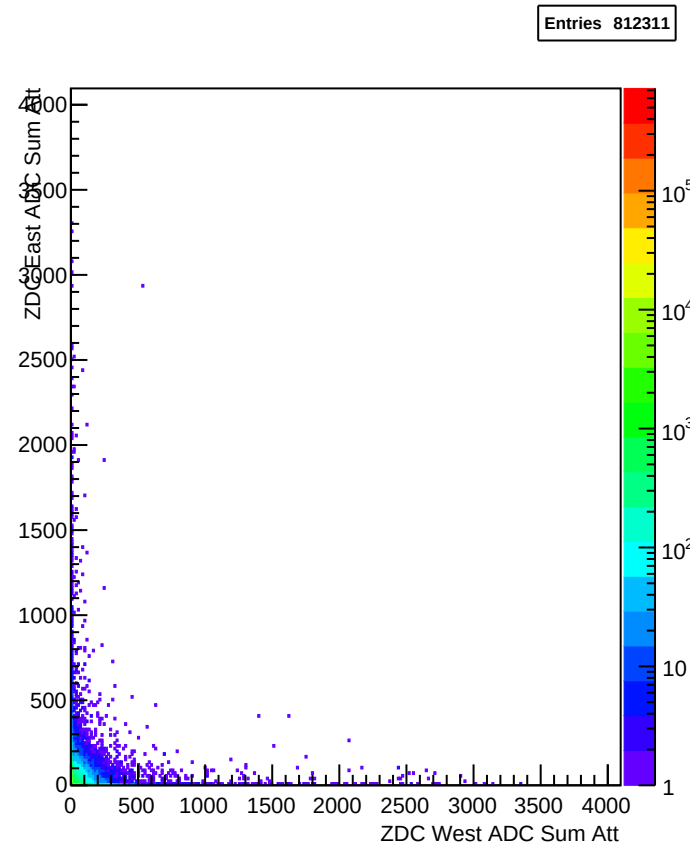

Entries 812311
BBC-S-East ADC Sum
VPD-East ADC Sum

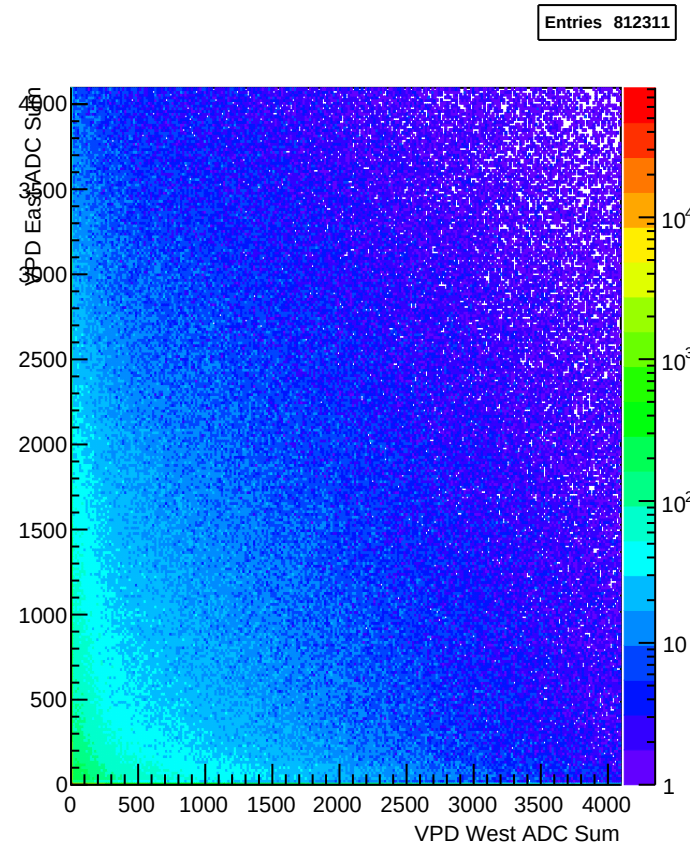

Entries 812311
BBC-S-West ADC Sum
VPD-West ADC Sum

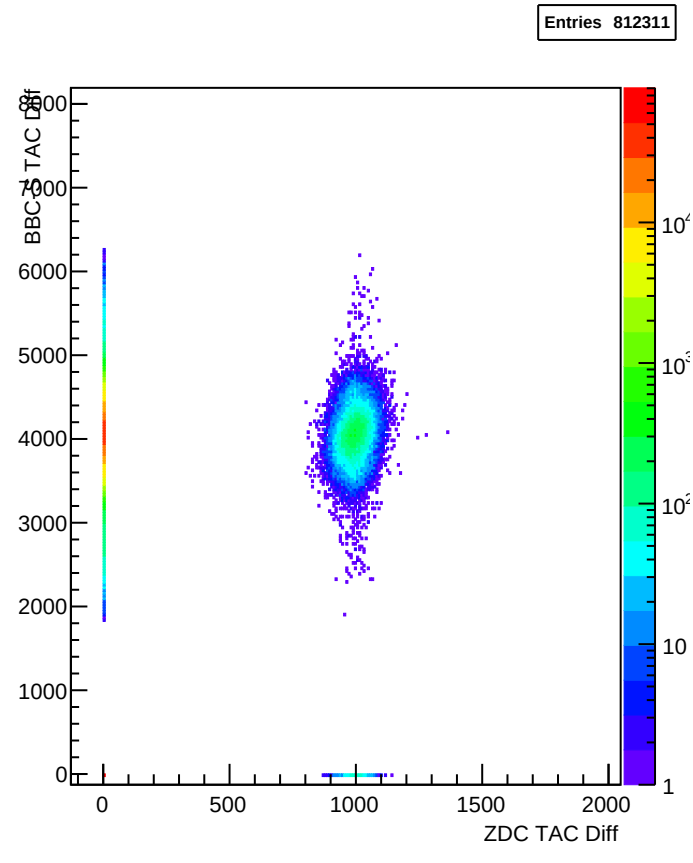

Entries 812311
VPD-East ADC Sum
ZDC-East ADC Sum Att

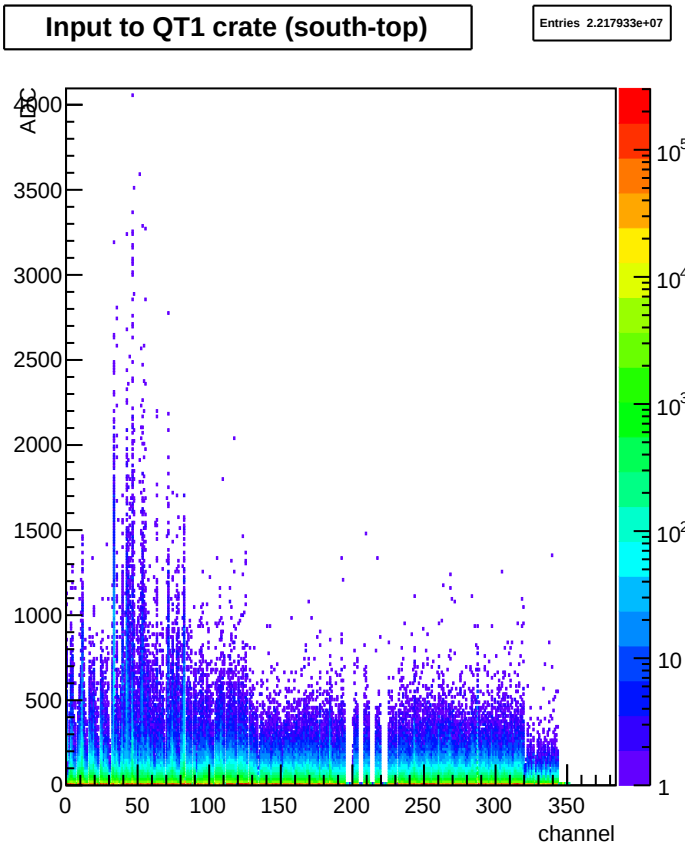

Entries 812311
VPD-West ADC Sum
ZDC-West ADC Sum Att

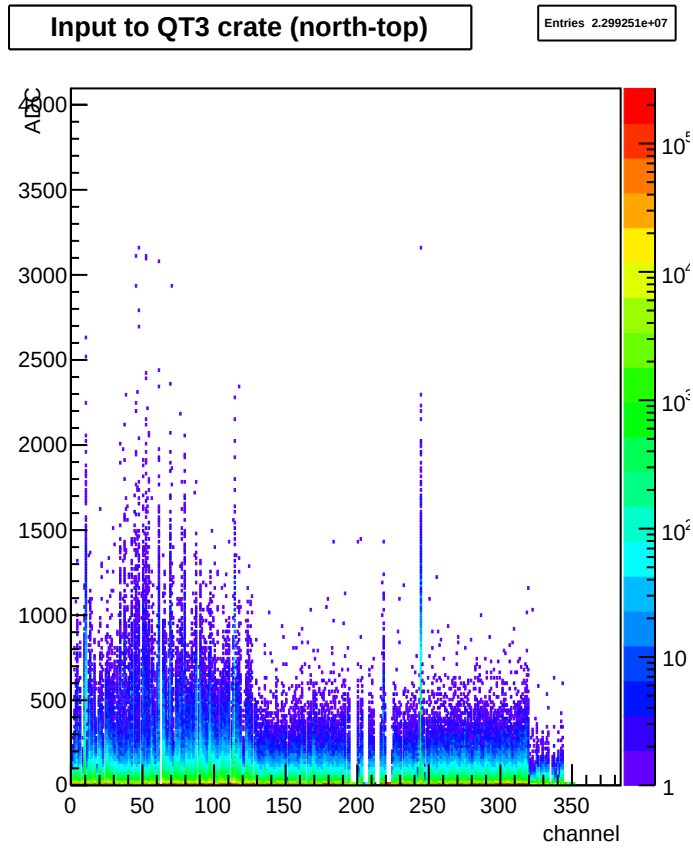

Entries 812311
BBC-S-East ADC Sum
BBC-S-West ADC Sum

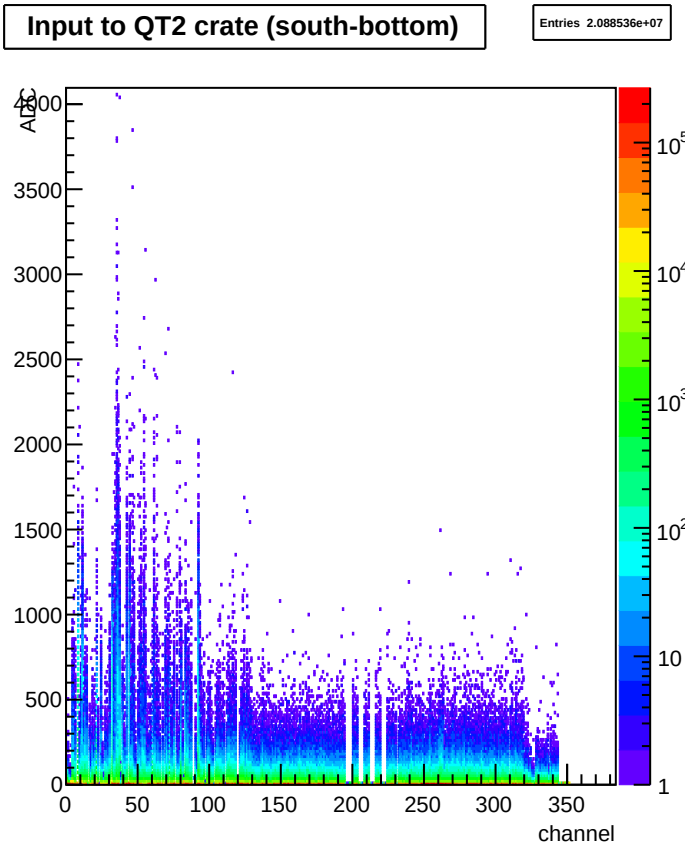

Entries 812311
ZDC East ADC Sum Att
ZDC West ADC Sum Att

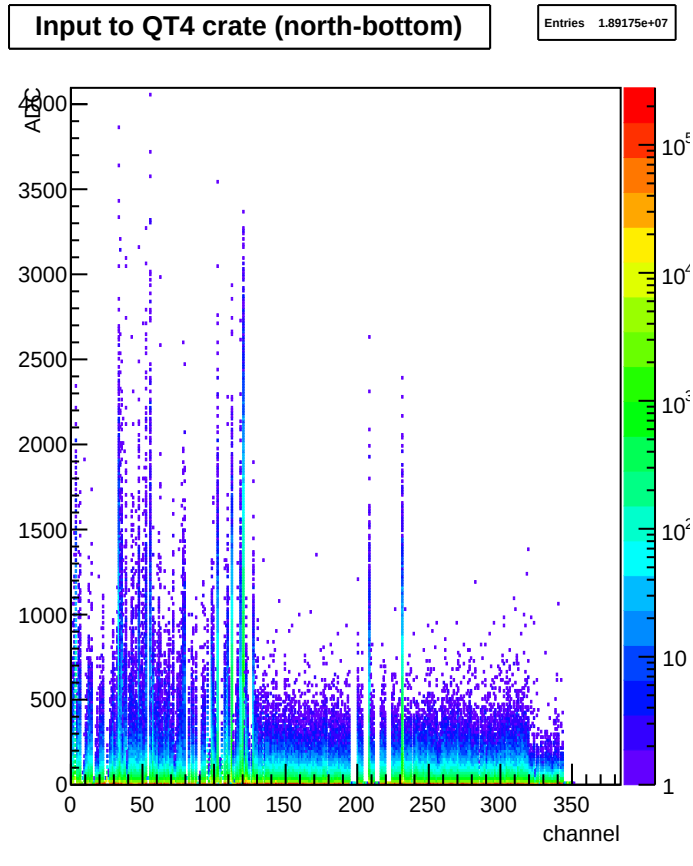

Entries 812311
VPD East ADC Sum
VPD West ADC Sum

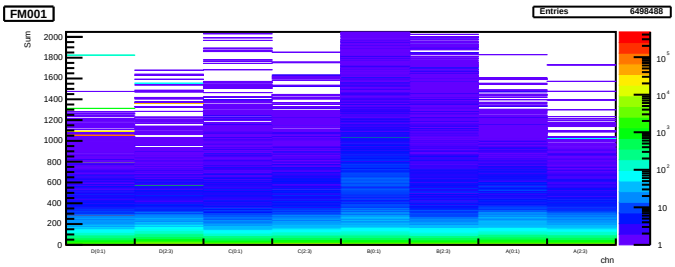

Entries 812311
BBC-S TAC Diff
ZDC TAC Diff

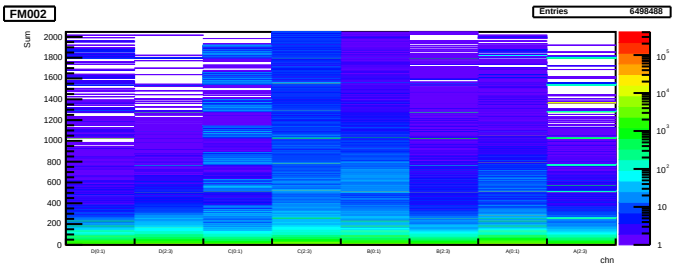

Input to QT1 crate (south-top)
Entries 2.217933e+07
ADC
channel

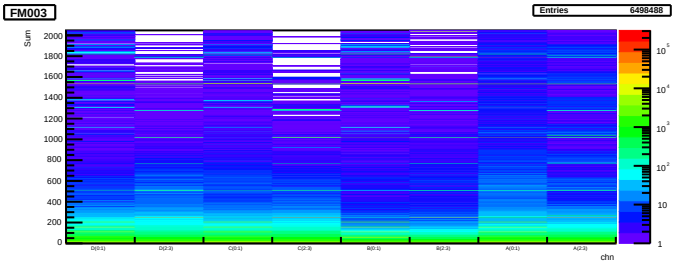

Input to QT3 crate (north-top)
Entries 2.299251e+07
ADC
channel

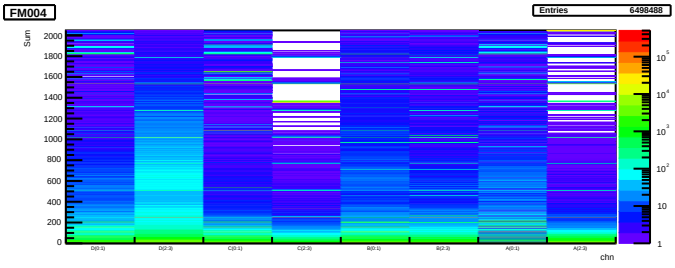

Input to QT2 crate (south-bottom)
Entries 2.088536e+07
ADC
channel

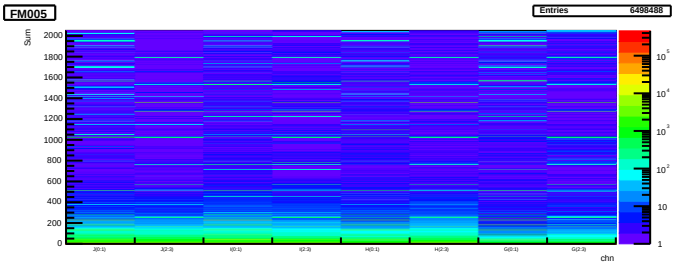

Input to QT4 crate (north-bottom)
Entries 1.89175e+07
ADC
channel

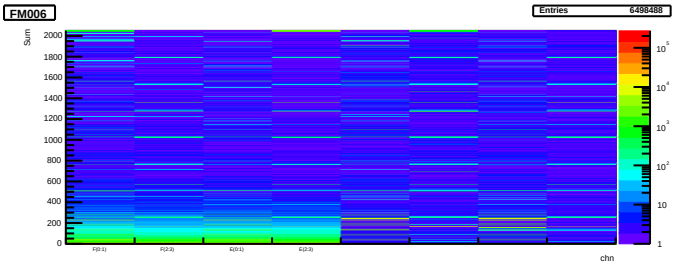

FM001
Entries 6498488
Sum
chn

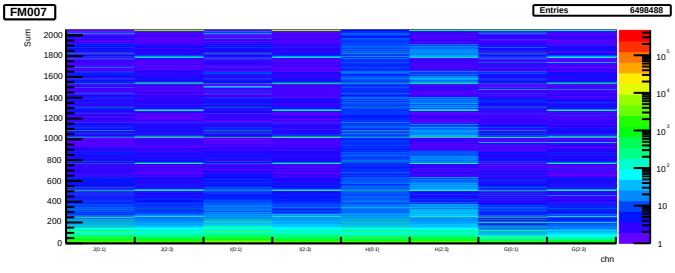

FM002
Entries 6498488
Sum
chn

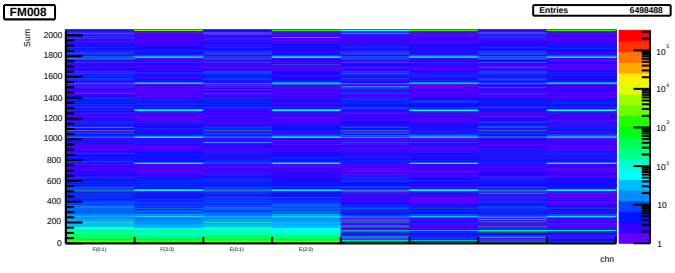

FM003
Entries 6498488
Sum
chn

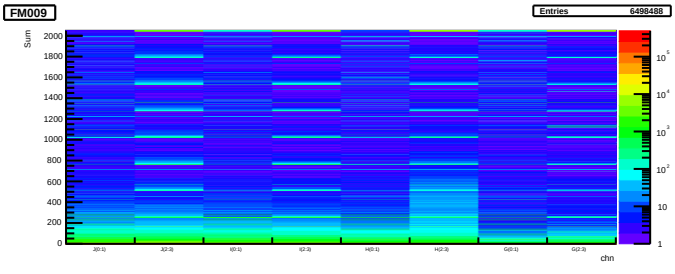

FM004
Entries 6498488
Sum
chn

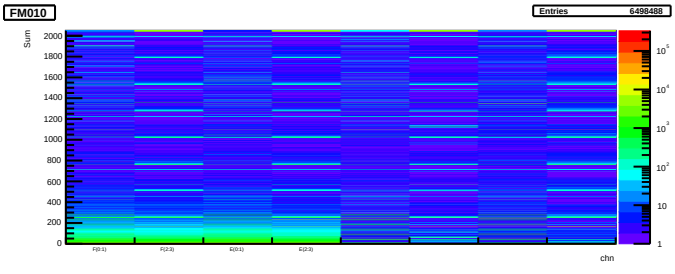

FM005
Entries 6498488
Sum
chn


FM006
Entries 6498488
Sum
chn


FM007
Entries 6498488
Sum
chn


FM008
Entries 6498488
Sum
chn


FM009
Entries 6498488
Sum
chn


FM010
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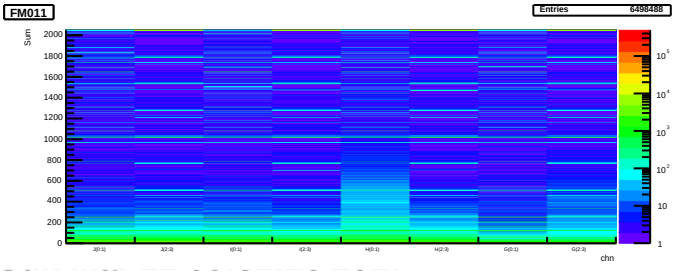
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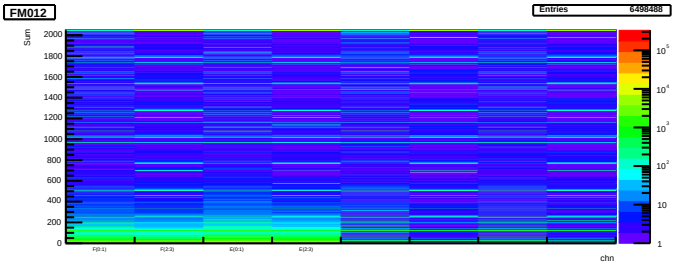
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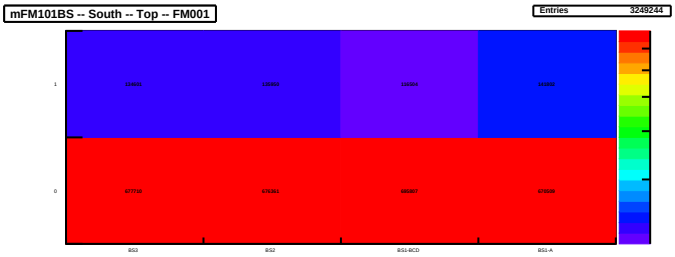
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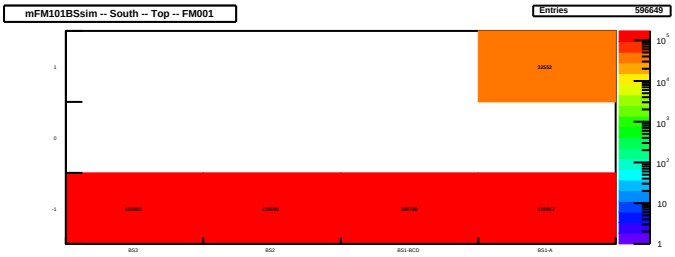
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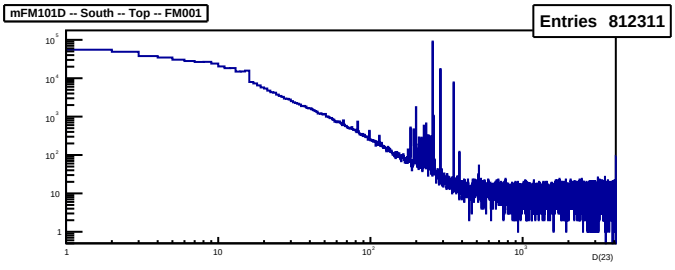
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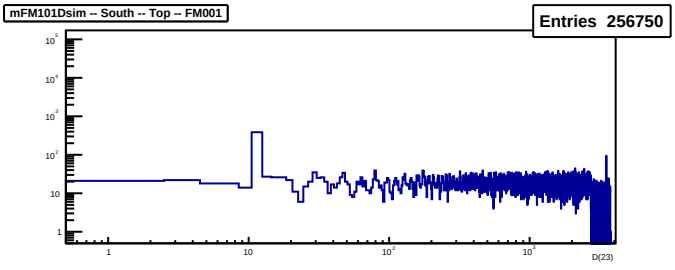
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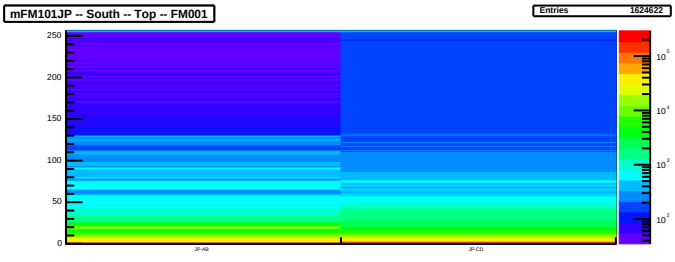
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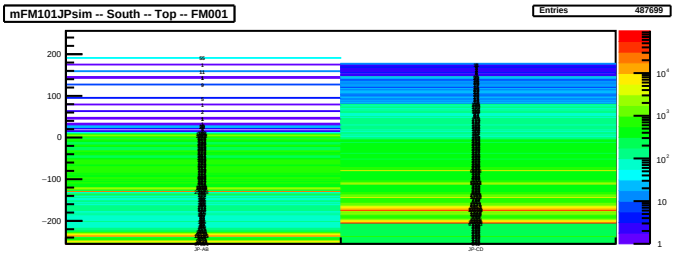
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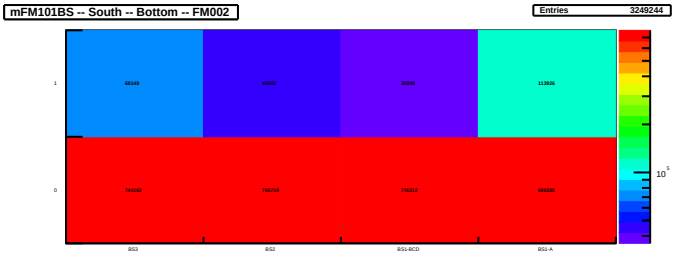
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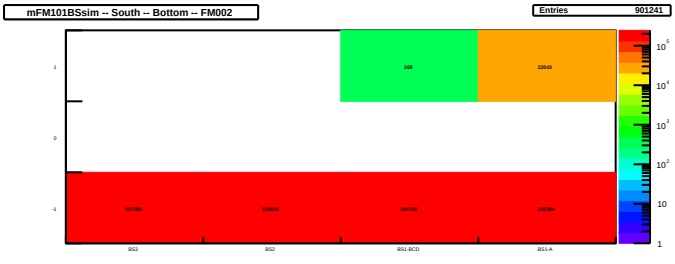
Entries 3249244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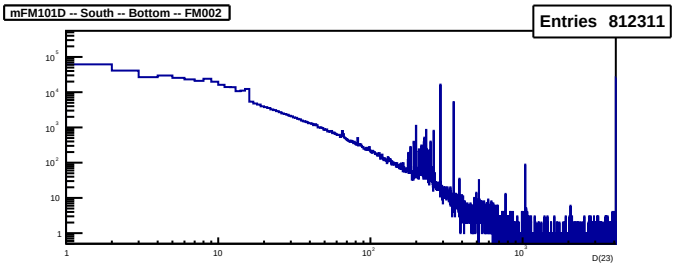
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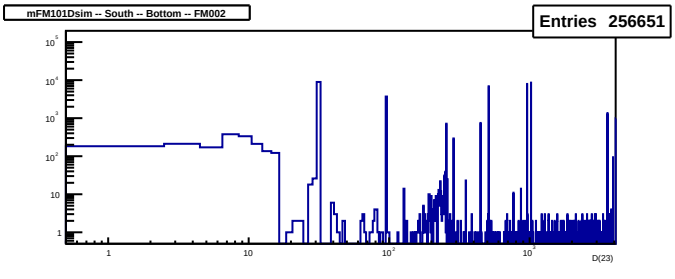
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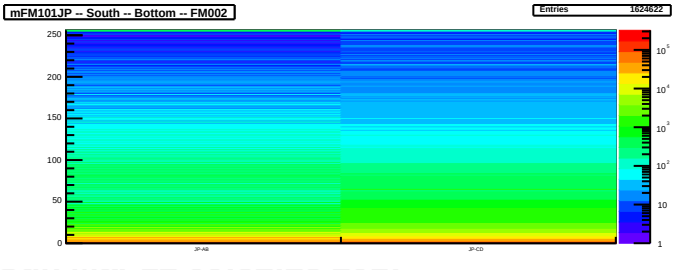
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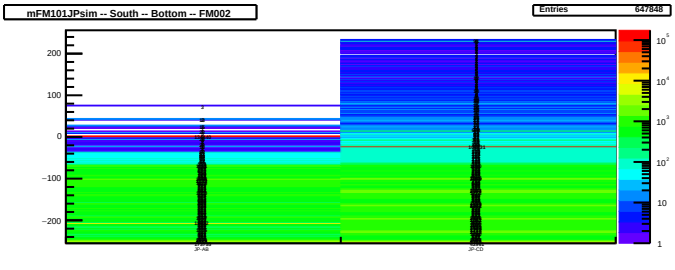
Entries 1624622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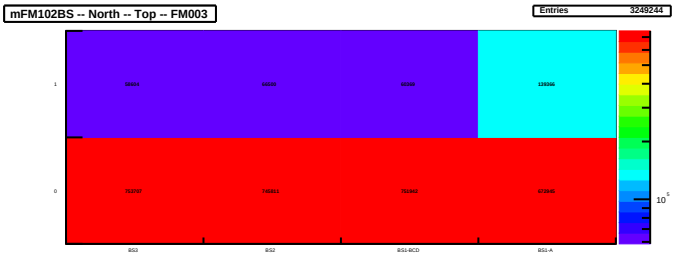
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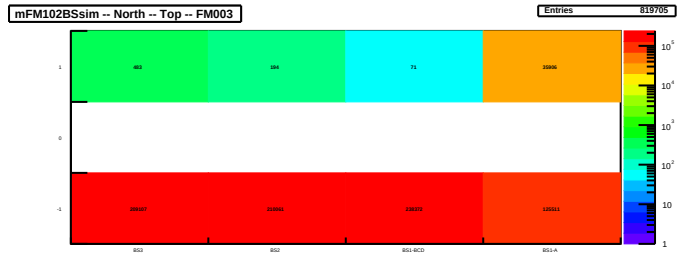
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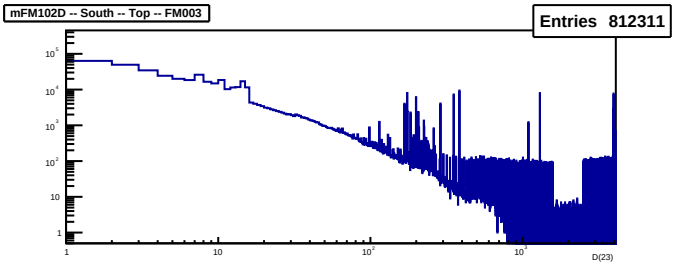
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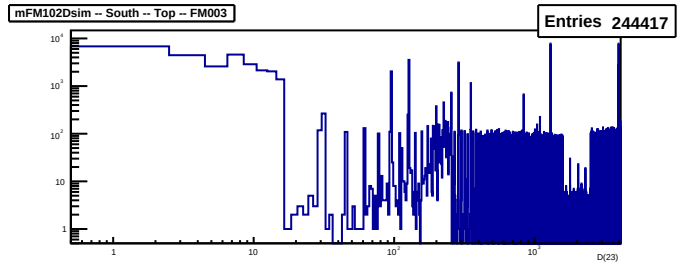
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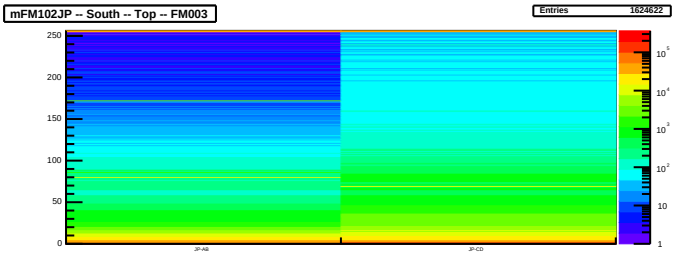
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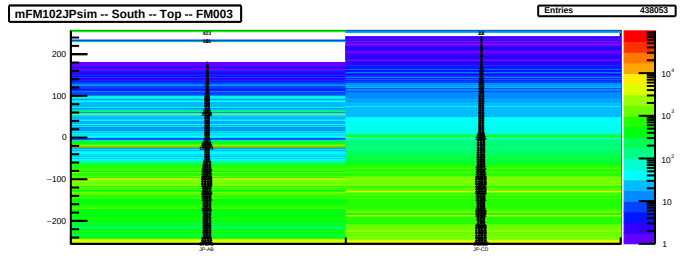
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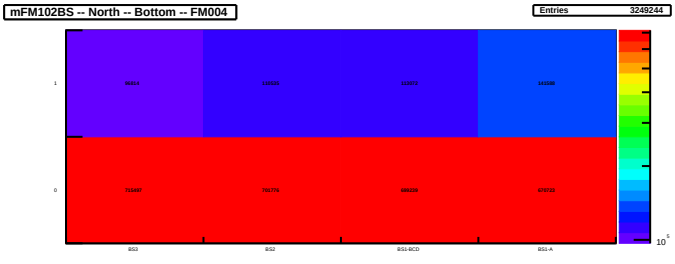
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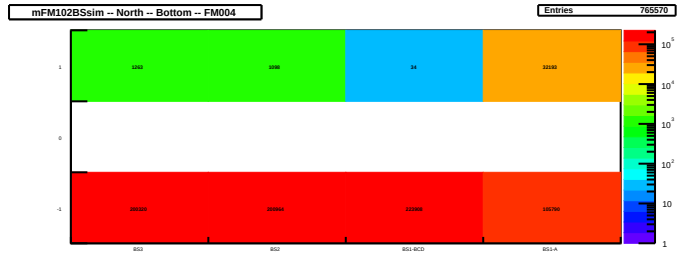
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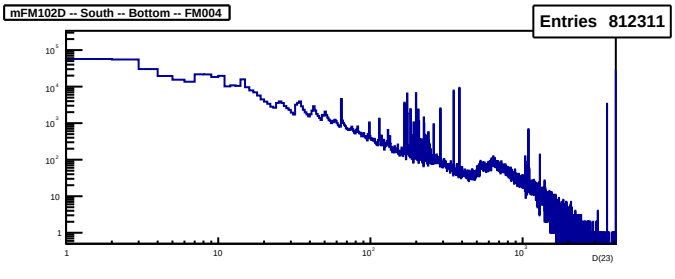
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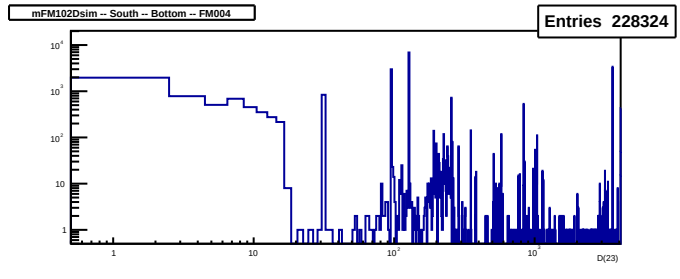
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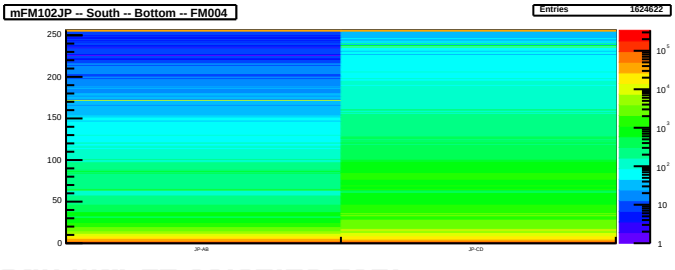
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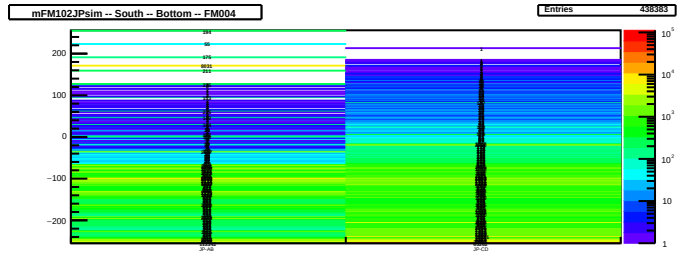
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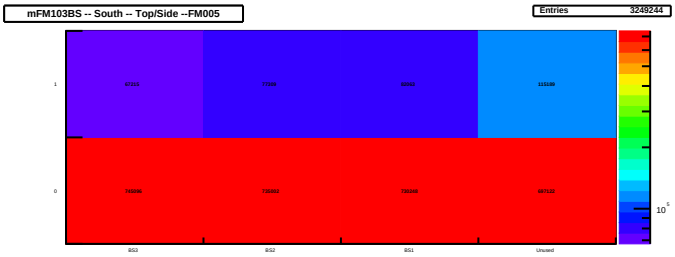
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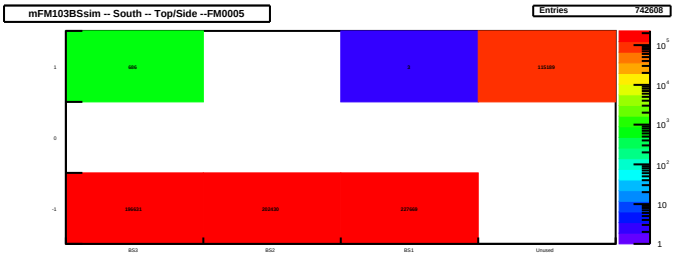
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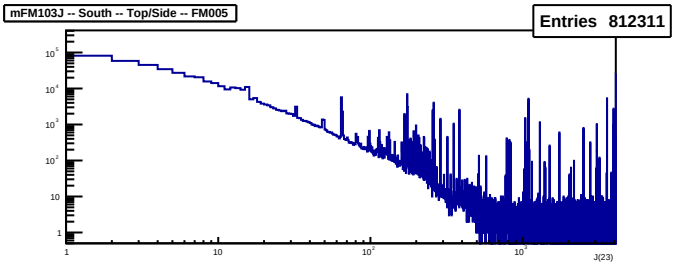
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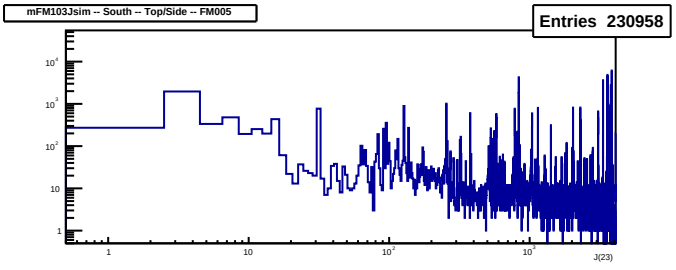
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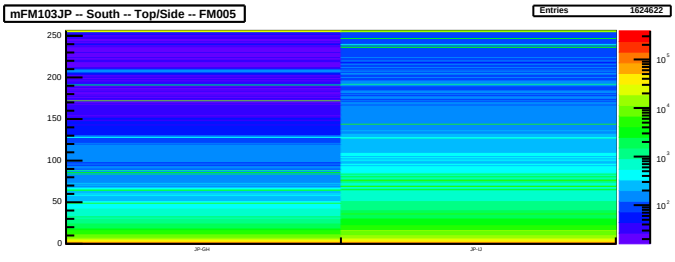
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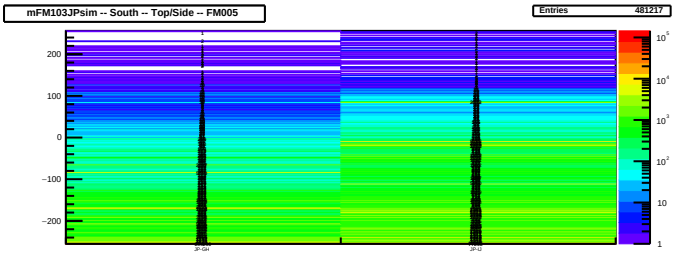
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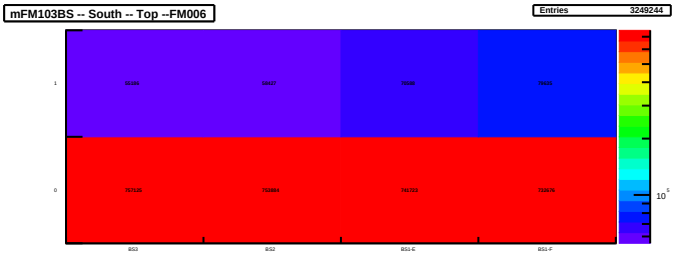
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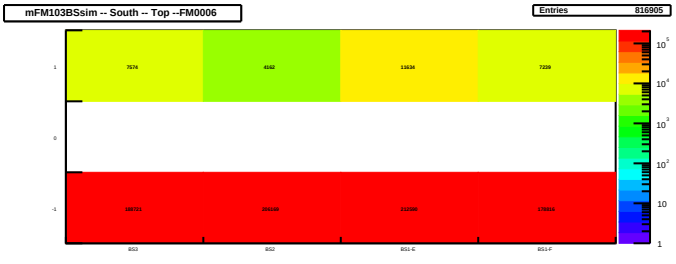
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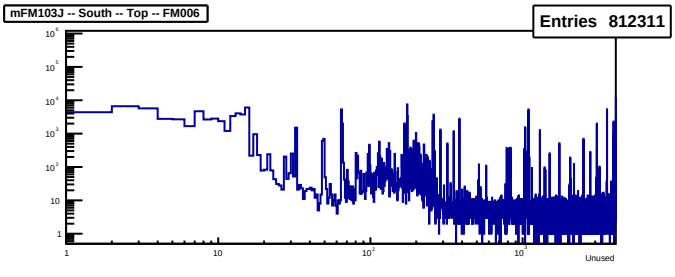
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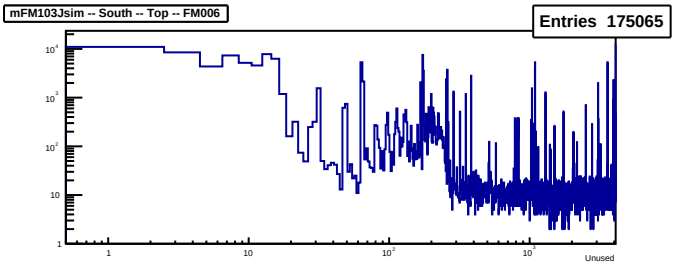
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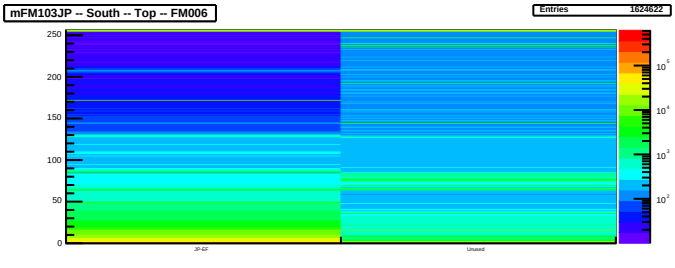
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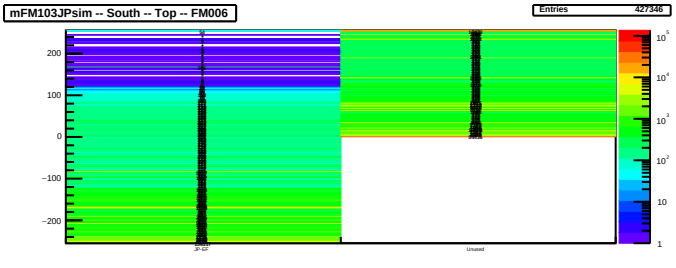
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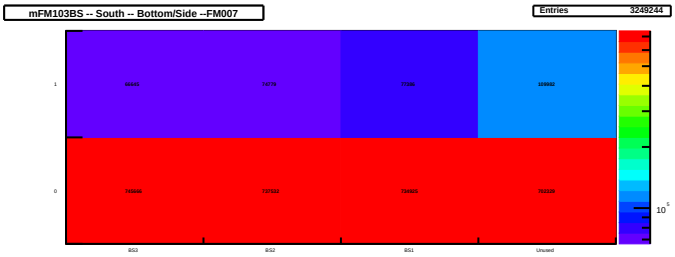
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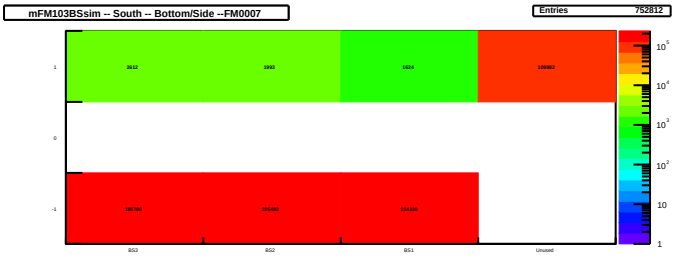
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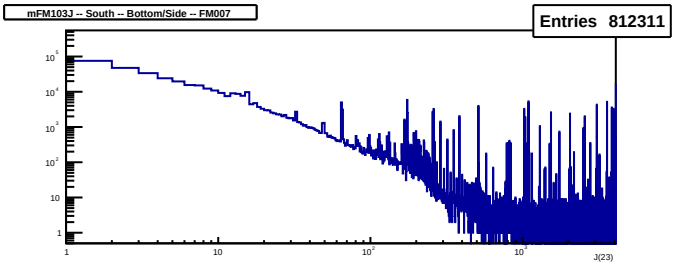
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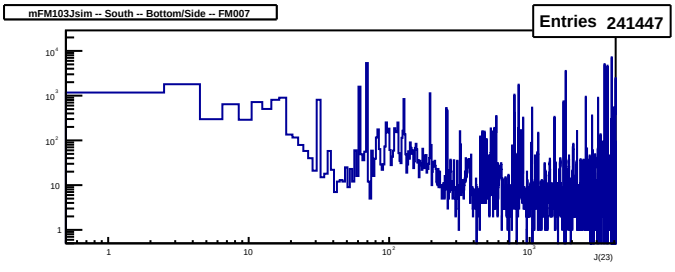
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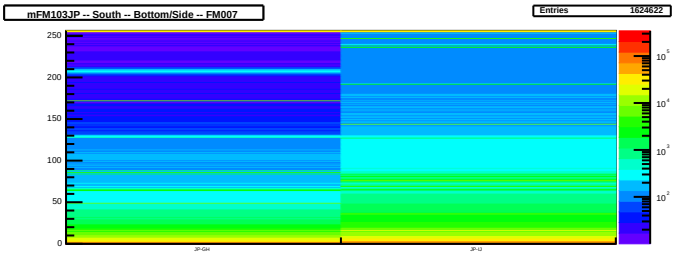
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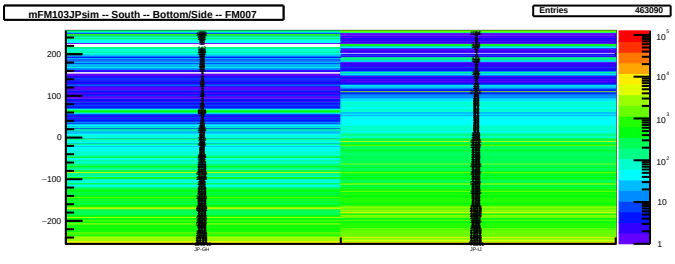
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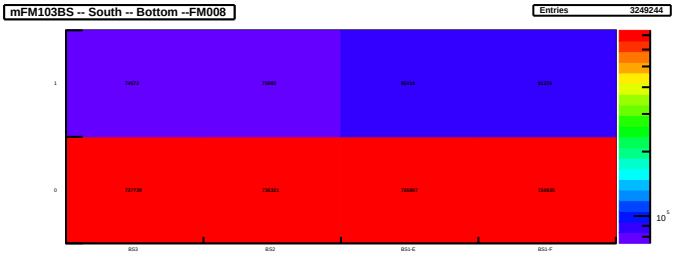
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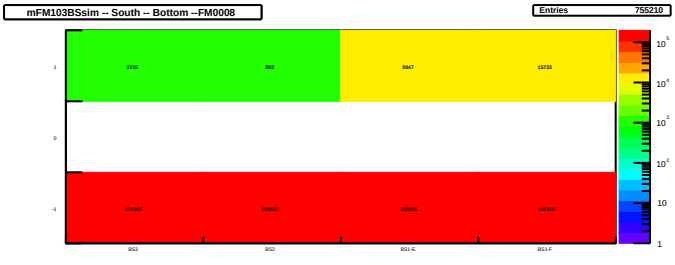
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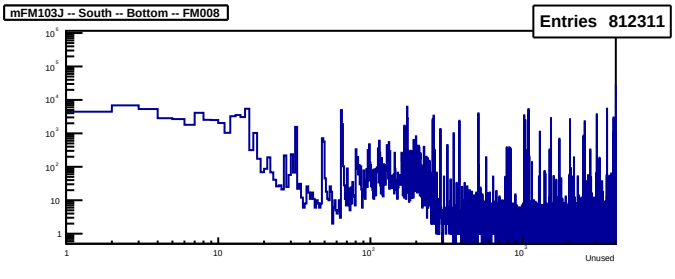
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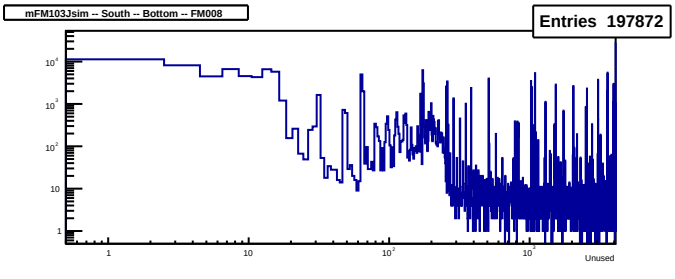
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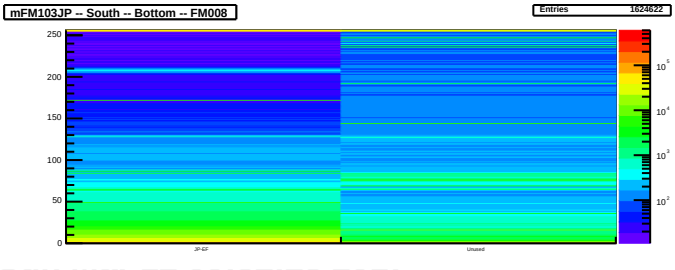
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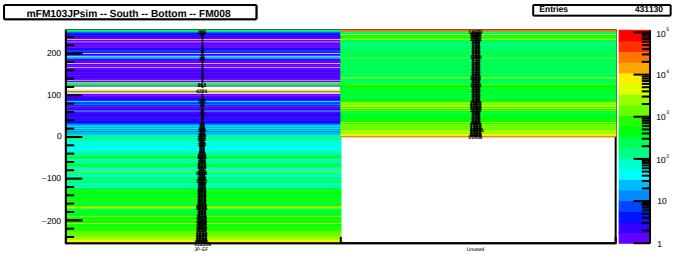
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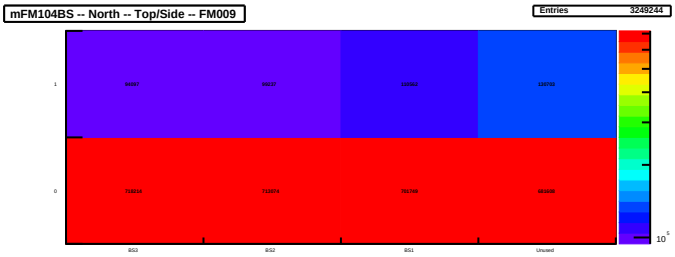
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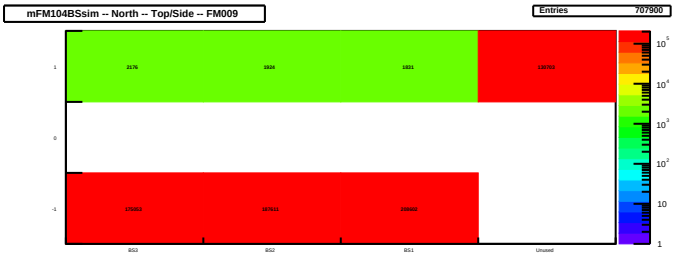
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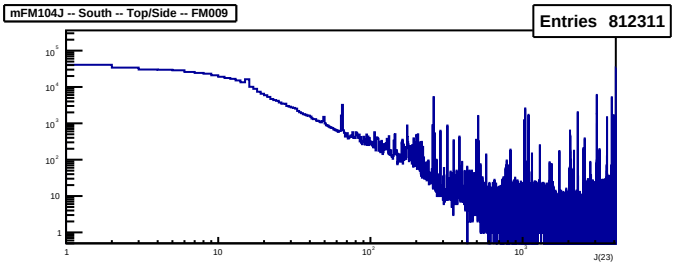
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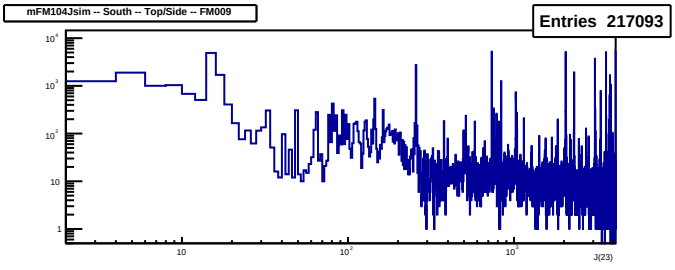
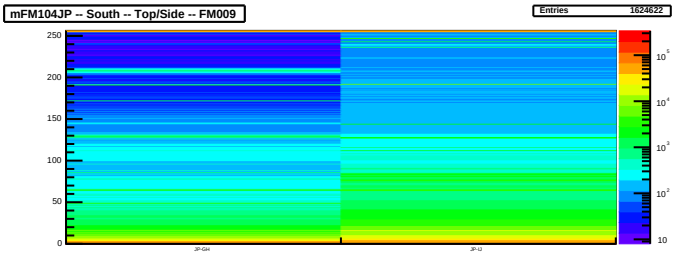
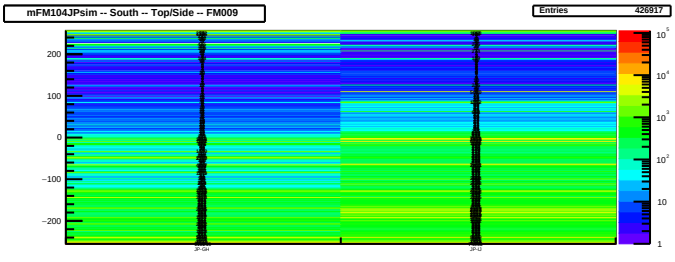
Entries 812311
J(23)


mFM104Jsim -- South -- Top/Side -- FM009
Entries 217093
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 1624622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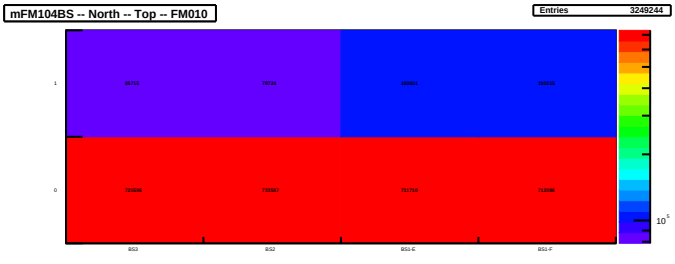
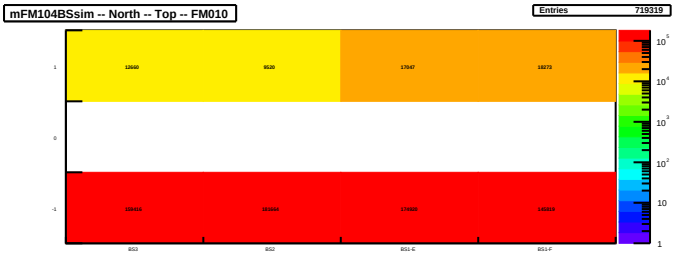
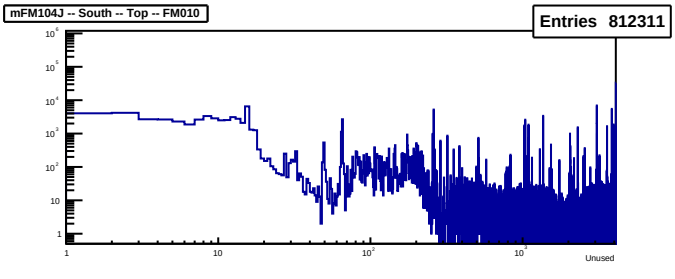
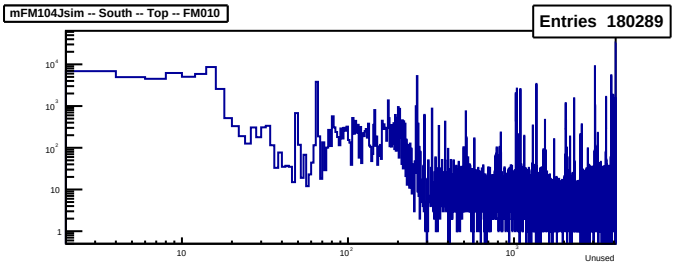
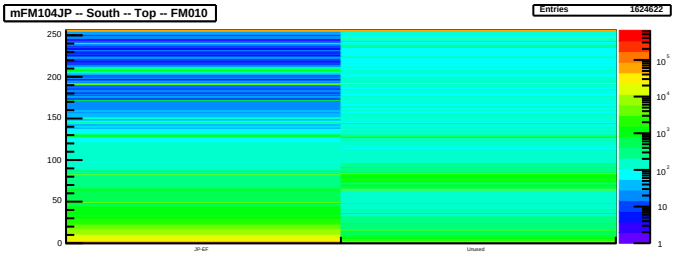
Entries 426917

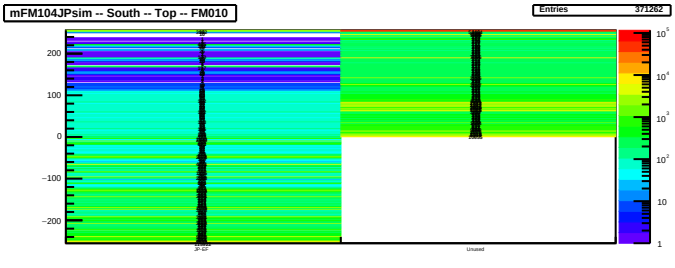

mFM104BS -- North -- Top -- FM010
Entries 3249244

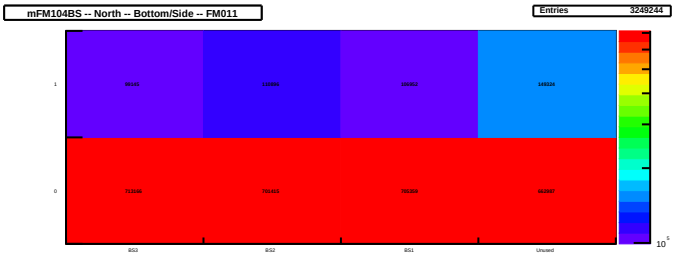

mFM104BSsim -- North -- Top -- FM010
Entries 719319

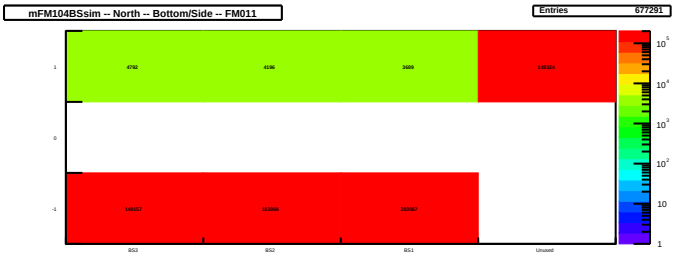

mFM104J -- South -- Top -- FM010
Entries 812311
Unused

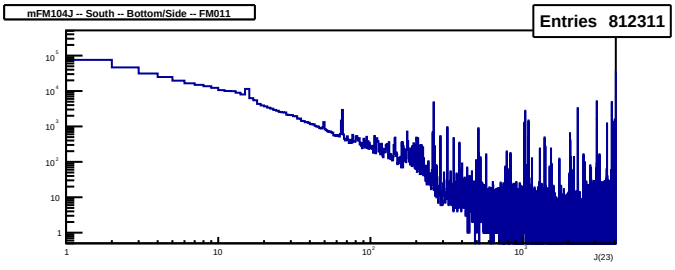

mFM104Jsim -- South -- Top -- FM010
Entries 180289
Unused

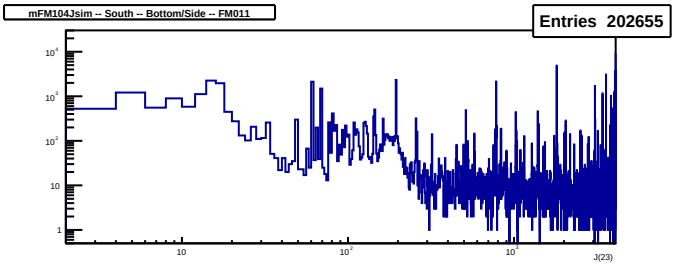

mFM104JP -- South -- Top -- FM010
Entries 1624622

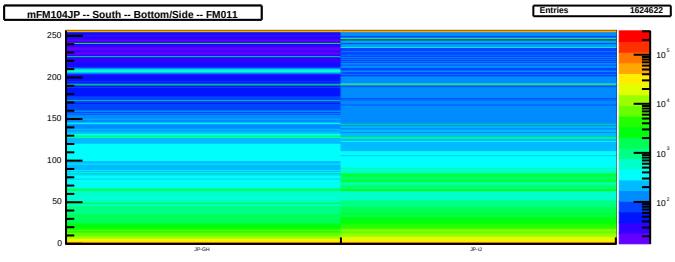

mFM104JPsim -- South -- Top -- FM010
Entries 371262

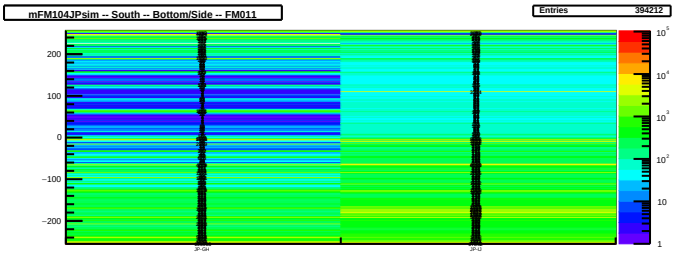

mFM104BS -- North -- Bottom/Side -- FM011
Entries 3249244

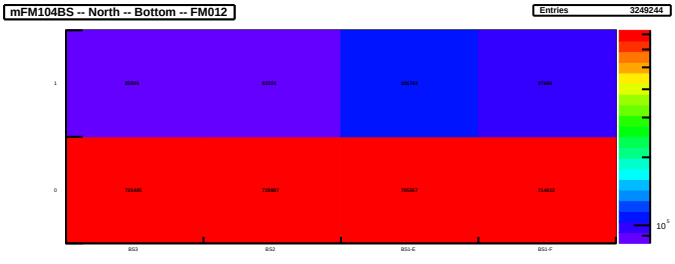

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 677291

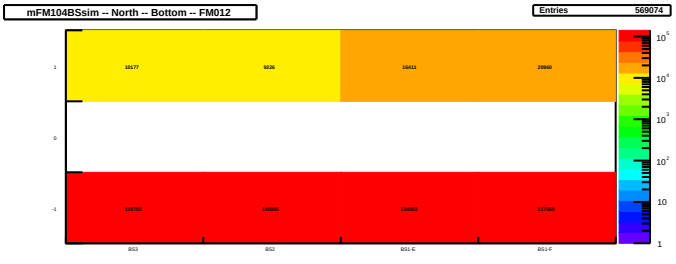

mFM104J -- South -- Bottom/Side -- FM011
Entries 812311
J(23)

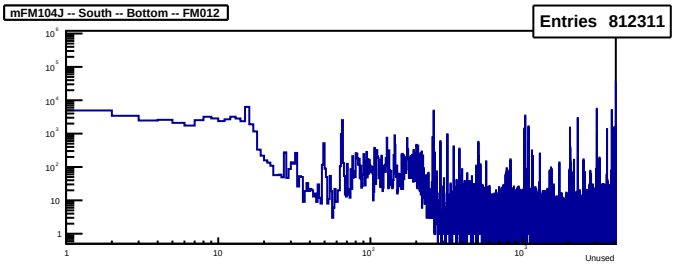

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 202655
J(23)

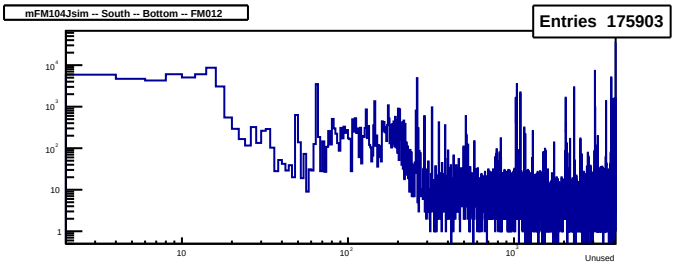

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1624622

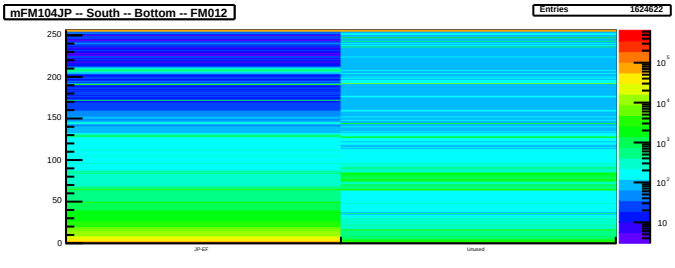

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 394212

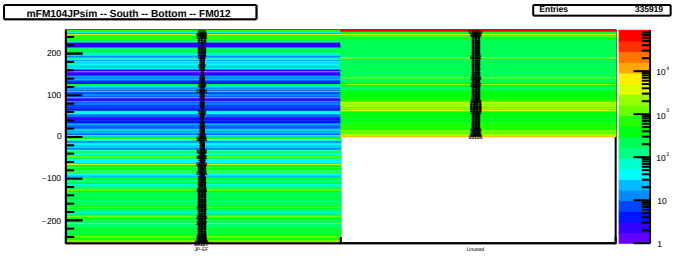

mFM104BS -- North -- Bottom -- FM012
Entries 3249244

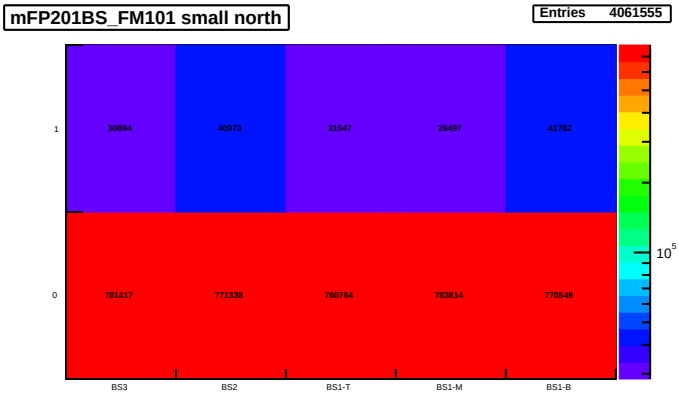

mFM104BSsim -- North -- Bottom -- FM012
Entries 569074

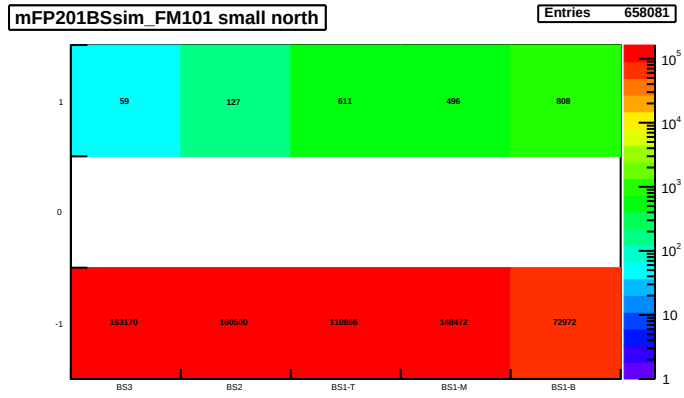

mFM104J -- South -- Bottom -- FM012
Entries 812311
Unused

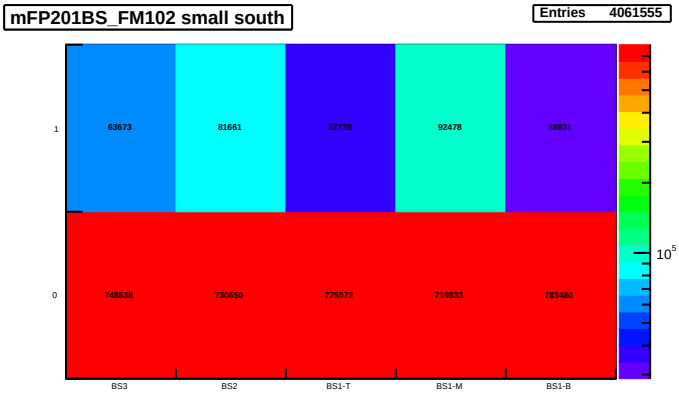

mFM104Jsim -- South -- Bottom -- FM012
Entries 175903
Unused

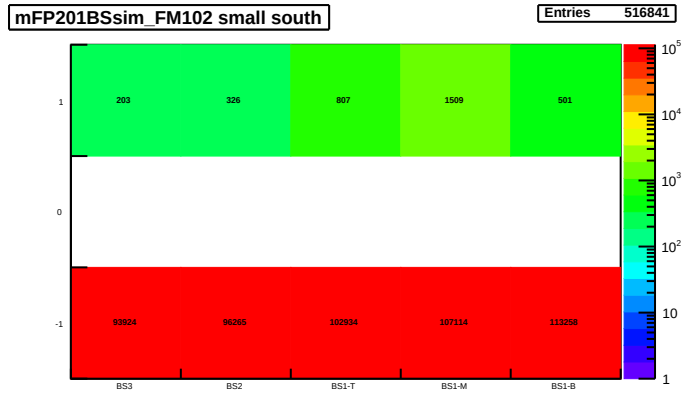

mFM104JP -- South -- Bottom -- FM012
Entries 1624622

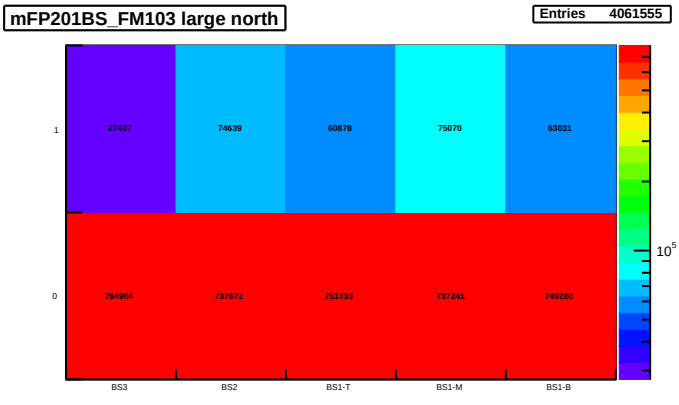

mFM104JPsim -- South -- Bottom -- FM012
Entries 335919

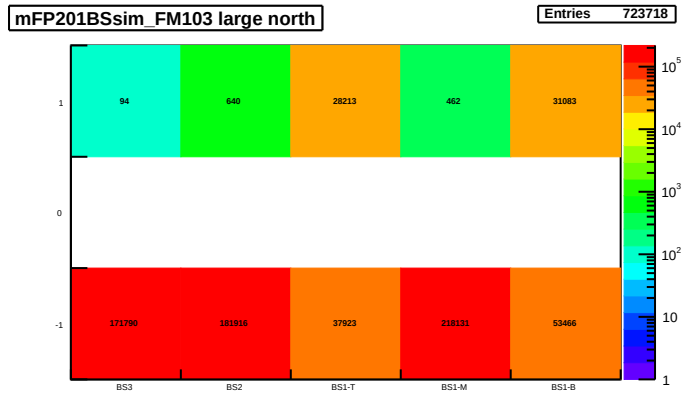

mFP201BS_FM101 small north
Entries 4061555
1
0
30894
40973
31547
28497
41762
781417
771338
780764
783814
770549
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5

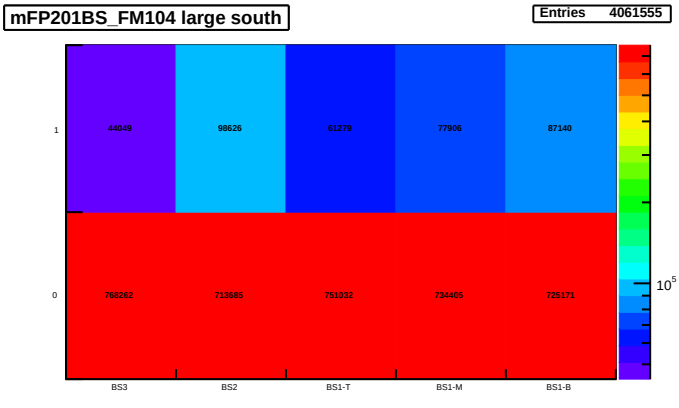

mFP201BSsim_FM101 small north
Entries 658081
1
0
-1
59
127
611
496
808
163170
160500
110866
148472
72972
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

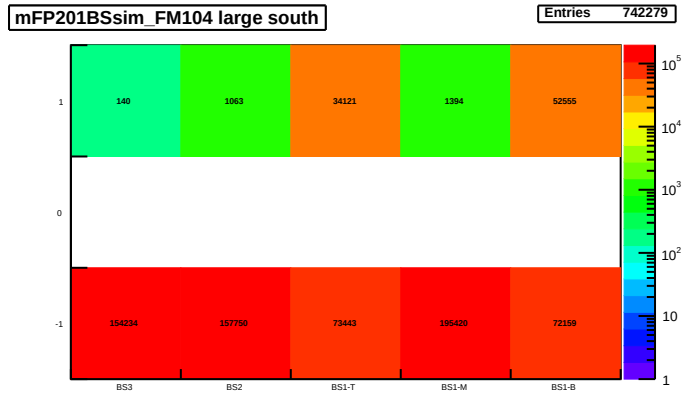

mFP201BS_FM102 small south
Entries 4061555
1
0
63673
81661
37239
92478
28831
748638
730650
775072
719833
783480
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5

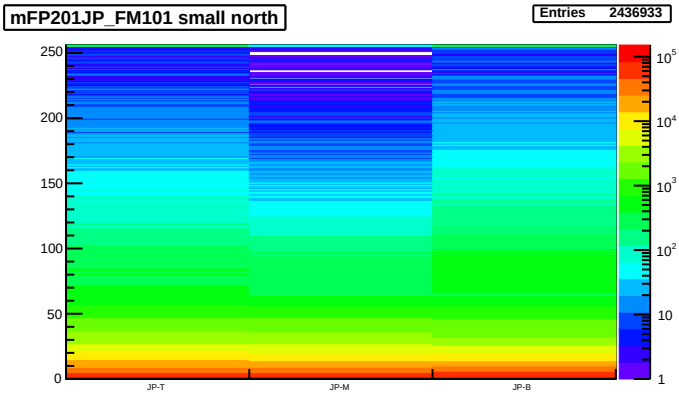

mFP201BSsim_FM102 small south
Entries 516841
1
0
-1
203
326
807
1509
501
93924
96265
102934
107114
113258
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

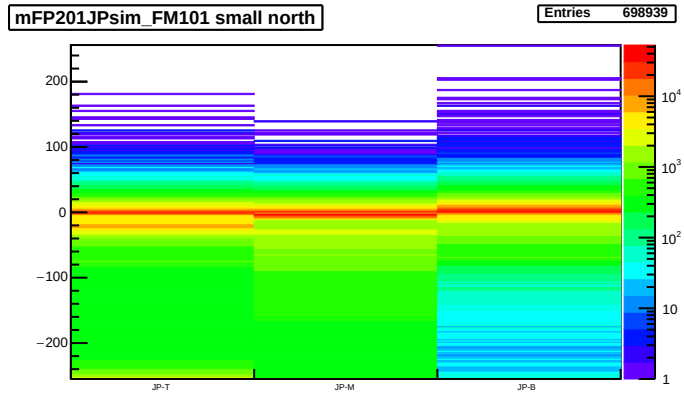

mFP201BS_FM103 large north
Entries 4061555
1
0
27407
74639
60878
75070
63031
784904
737672
751433
737241
749280
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5

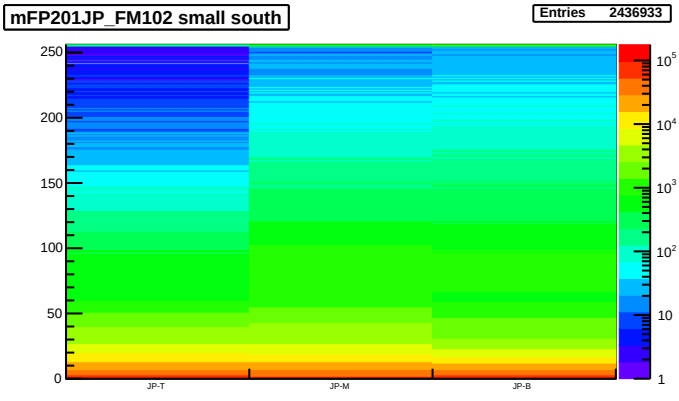

mFP201BSsim_FM103 large north
Entries 723718
1
0
-1
94
640
28213
462
31083
171790
181916
37923
218131
53466
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

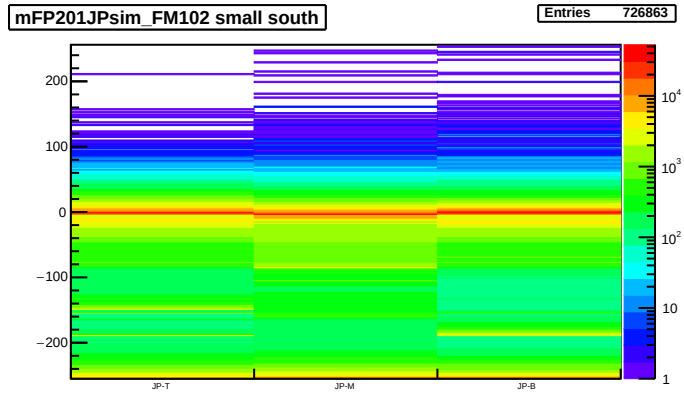

mFP201BS_FM104 large south
Entries 4061555
1
0
44049
98626
61279
77906
87140
768262
713685
751032
734405
725171
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5

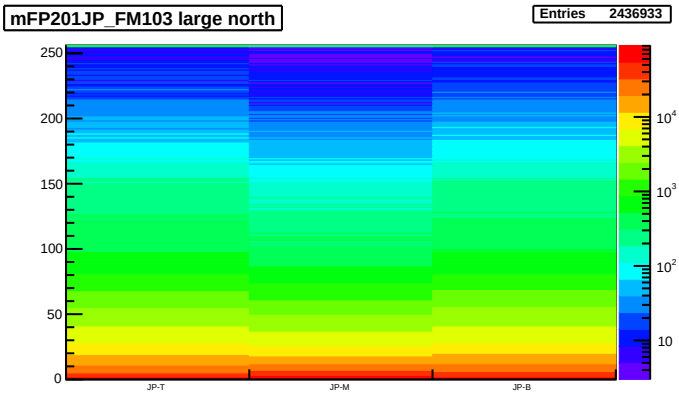

mFP201BSsim_FM104 large south
Entries 742279
1
0
-1
140
1063
34121
1394
52555
154234
157750
73443
195420
72159
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

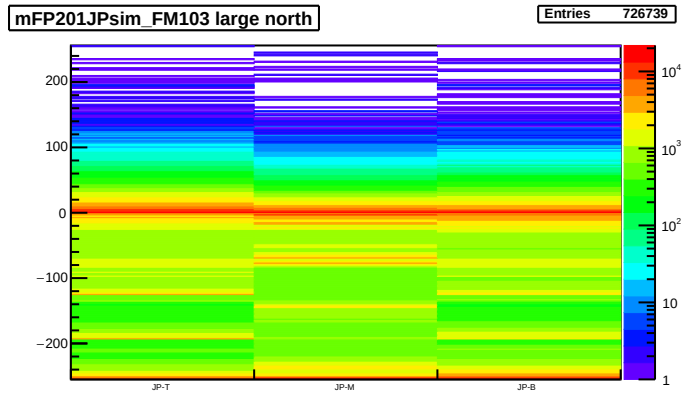

mFP201JP_FM101 small north
Entries 2436933
JP-T
JP-M
JP-B

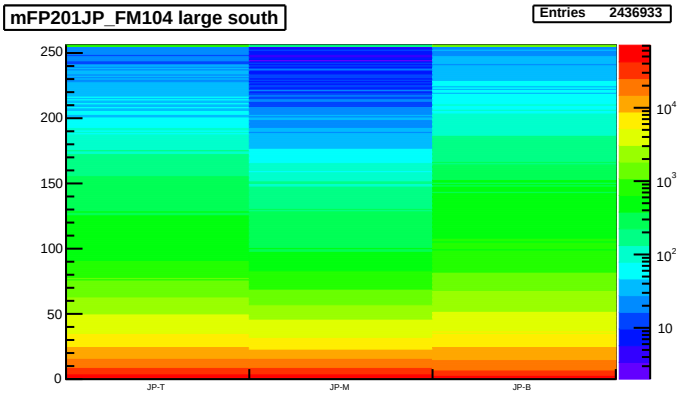

mFP201JPsim_FM101 small north
Entries 698939
JP-T
JP-M
JP-B

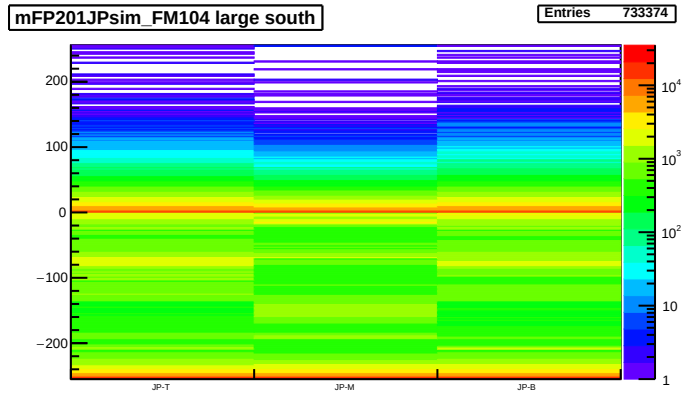

mFP201JP_FM102 small south
Entries 2436933
JP-T
JP-M
JP-B

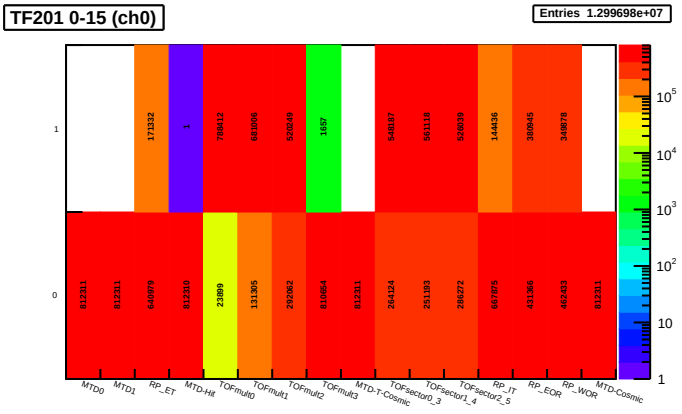

mFP201JPsim_FM102 small south
Entries 726863
JP-T
JP-M
JP-B

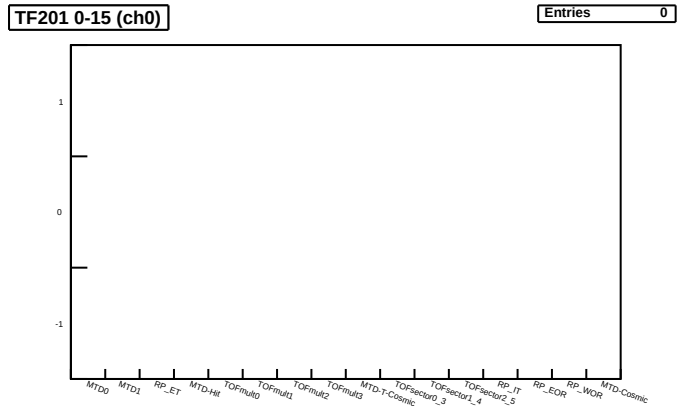

mFP201JP_FM103 large north
Entries 2436933
JP-T
JP-M
JP-B

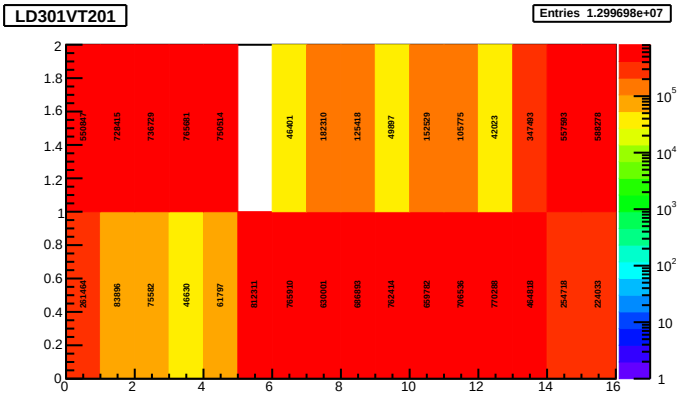

mFP201JPsim_FM103 large north
Entries 726739
JP-T
JP-M
JP-B

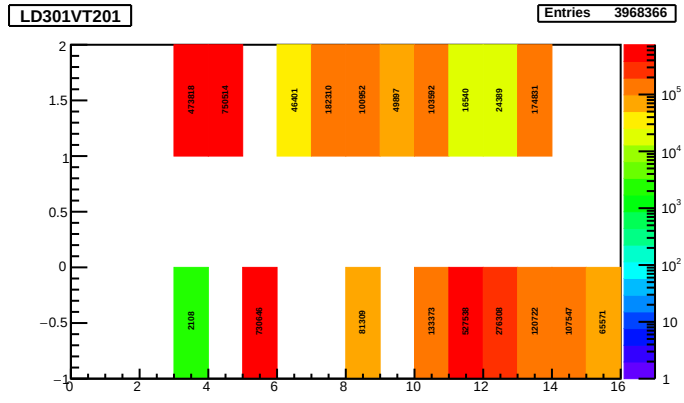

mFP201JP_FM104 large south
Entries 2436933
JP-T
JP-M
JP-B

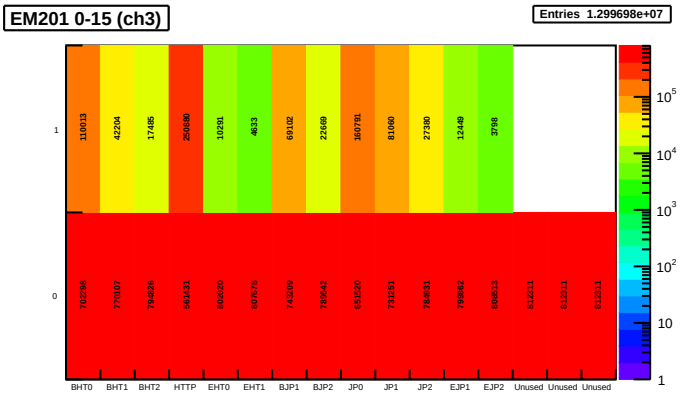

mFP201JPsim_FM104 large south
Entries 733374
JP-T
JP-M
JP-B

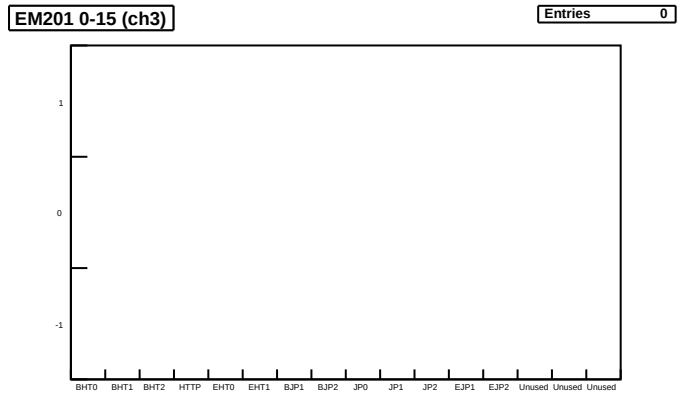

TF201 0-15 (ch0)
Entries 1.299698e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

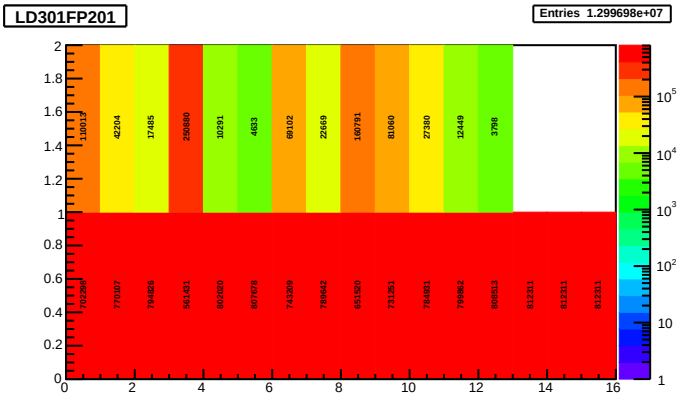

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

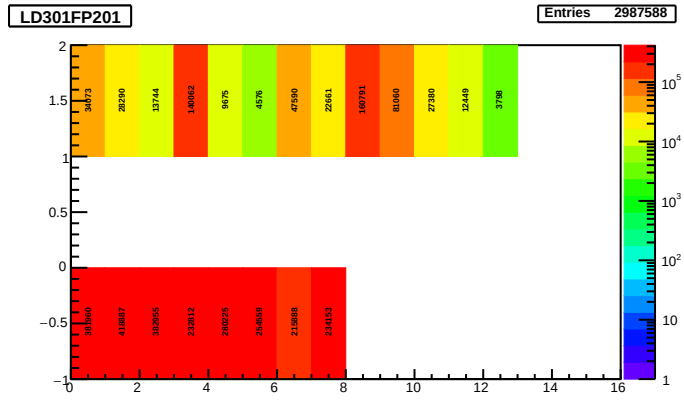

LD301VT201
Entries 1.299698e+07


LD301VT201
Entries 3968366


EM201 0-15 (ch3)
Entries 1.299698e+07
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


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


LD301FP201
Entries 1.299698e+07


LD301FP201
Entries 2987588