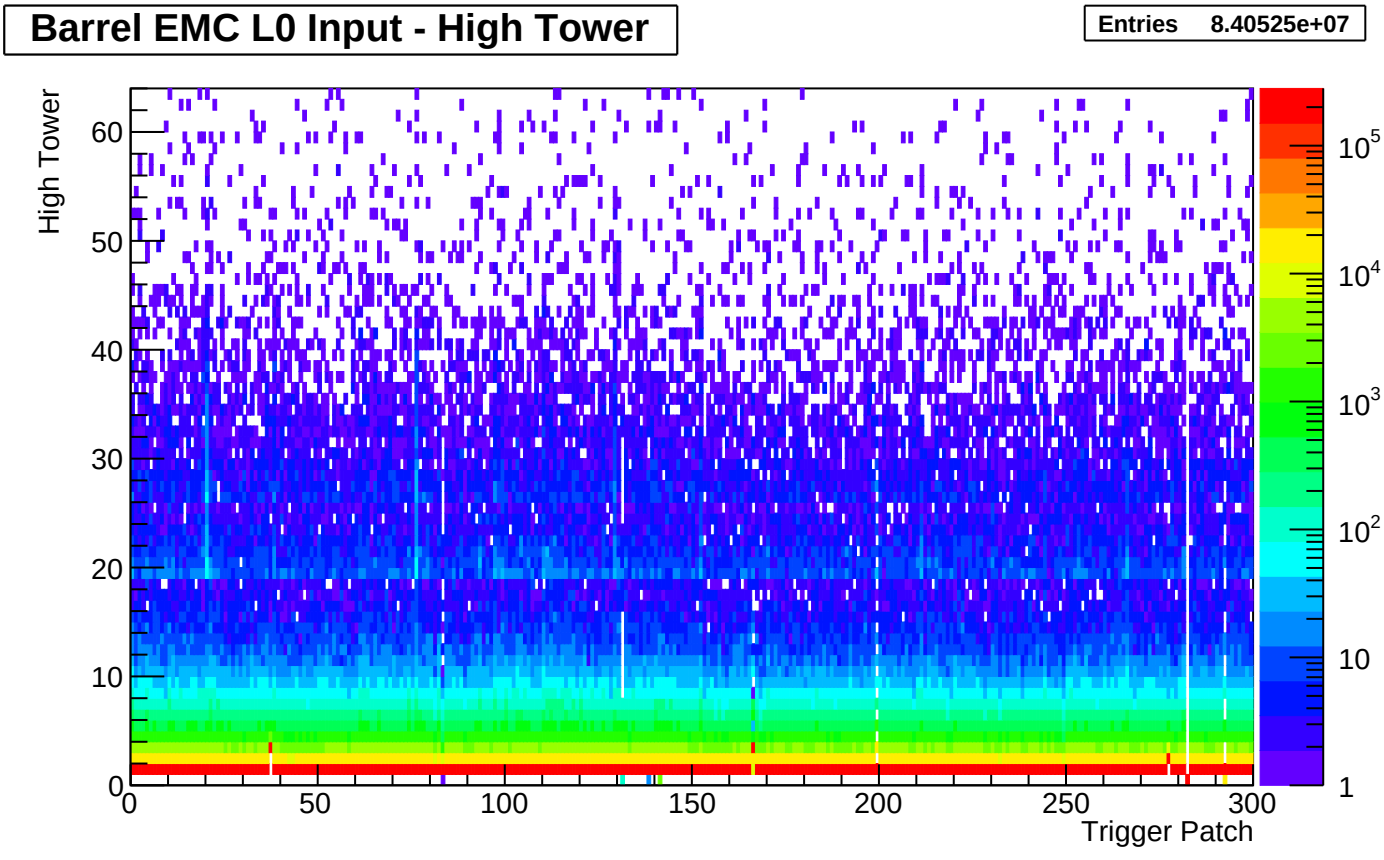
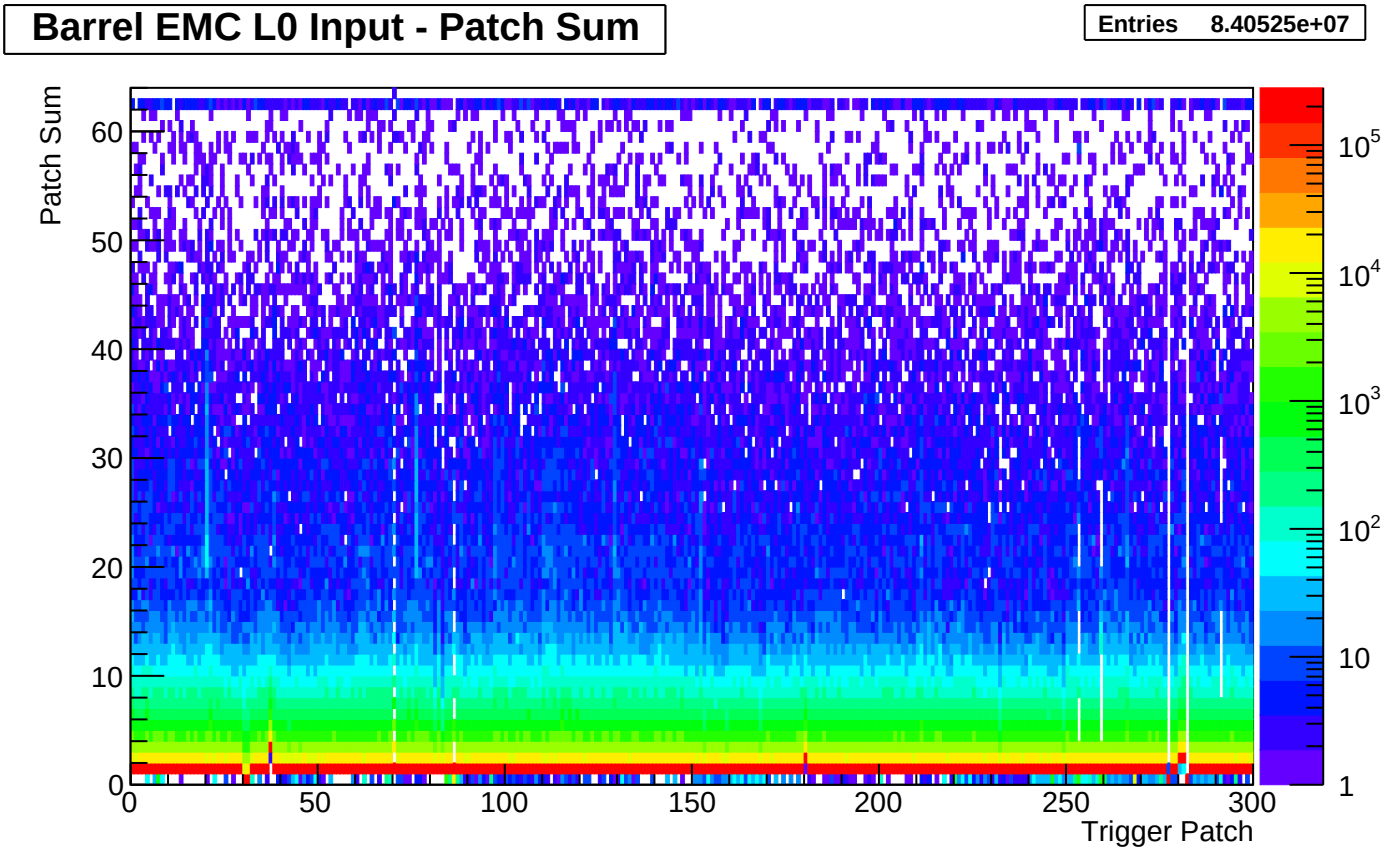
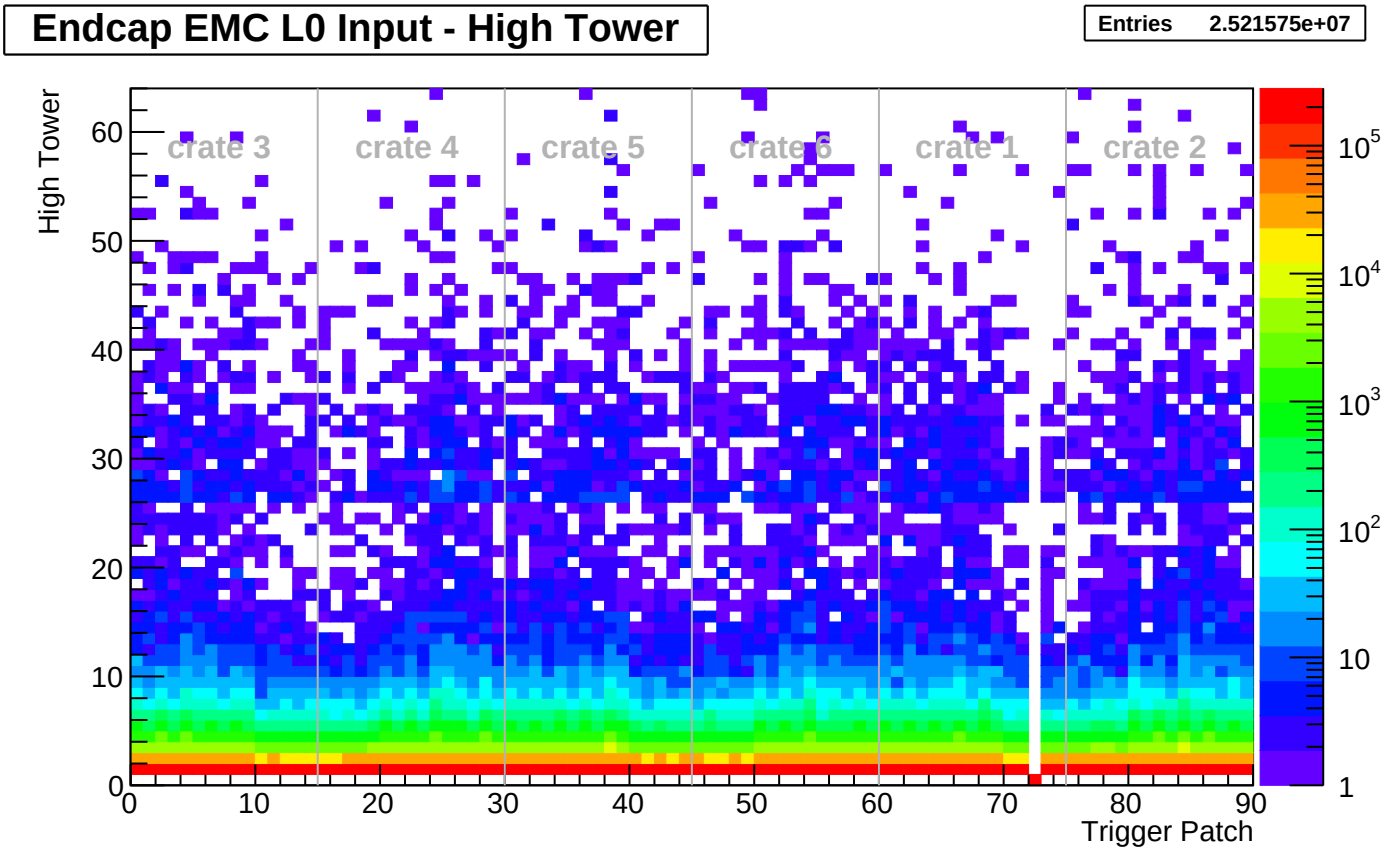
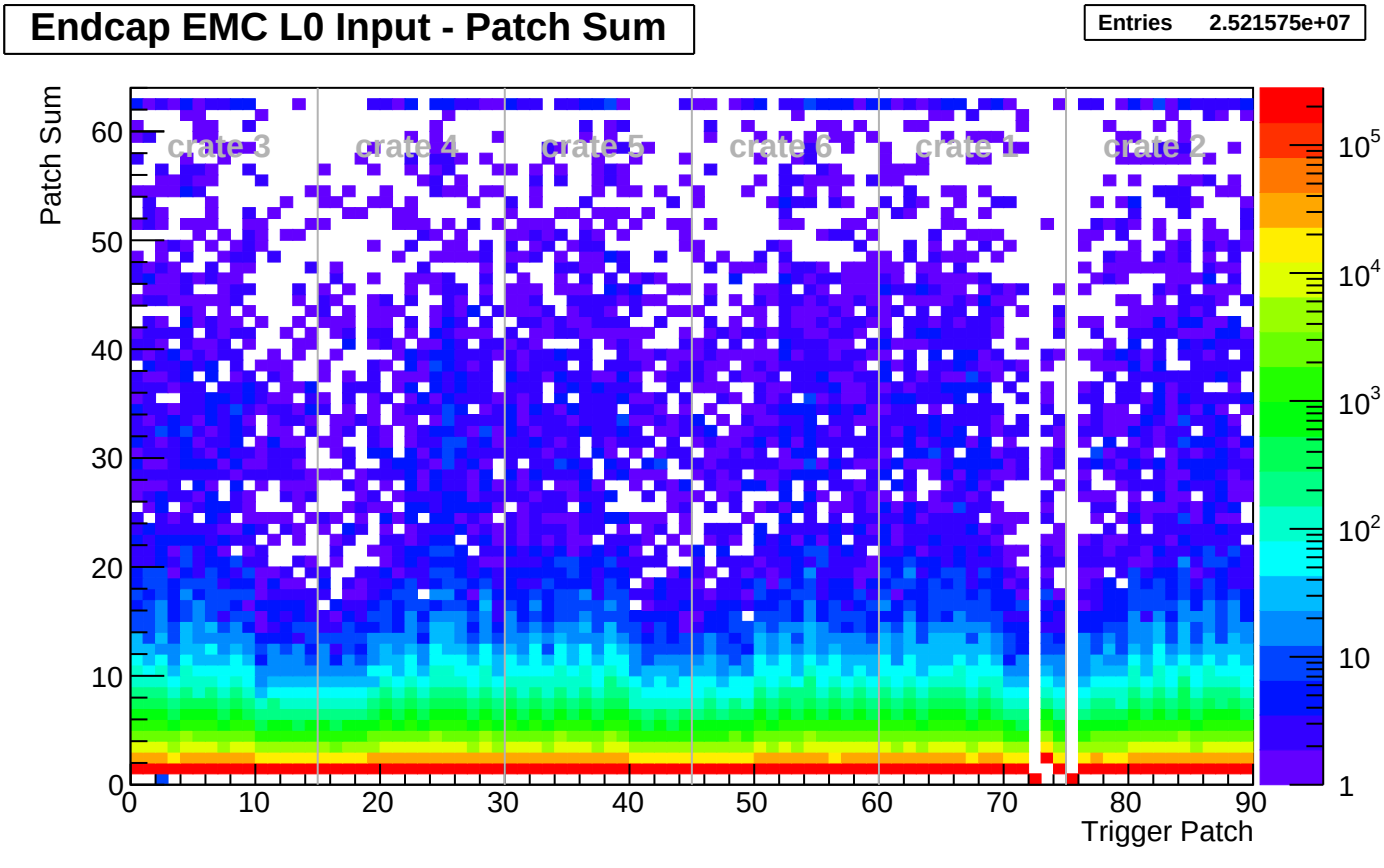
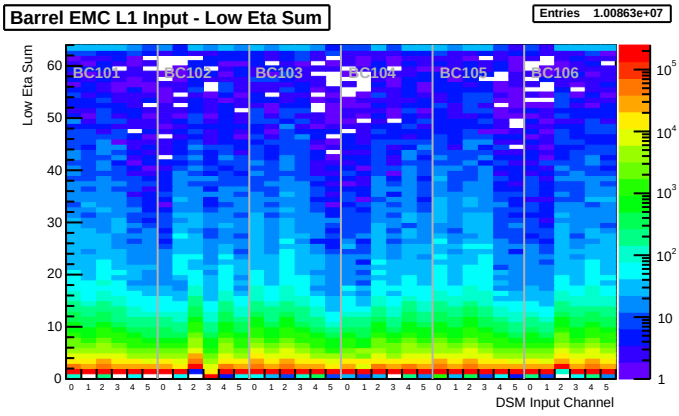
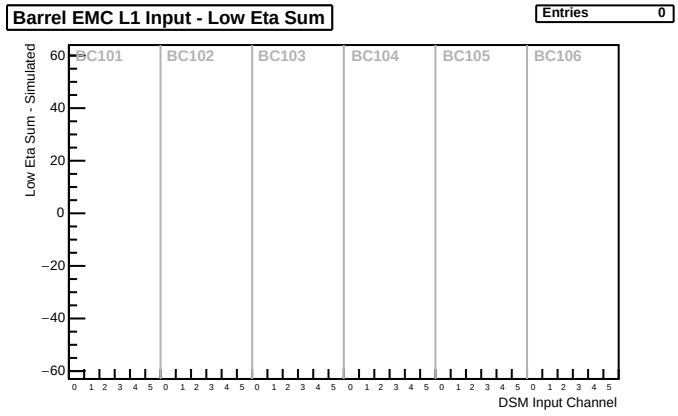

Barrel EMC L0 Input - High Tower
Entries 8.40525e+07
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

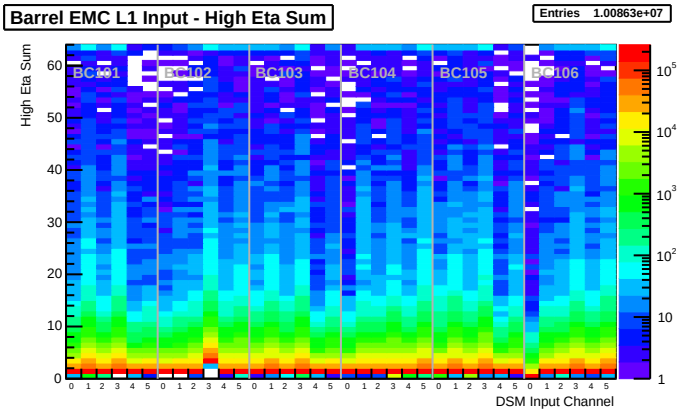

Barrel EMC L0 Input - Patch Sum
Entries 8.40525e+07
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

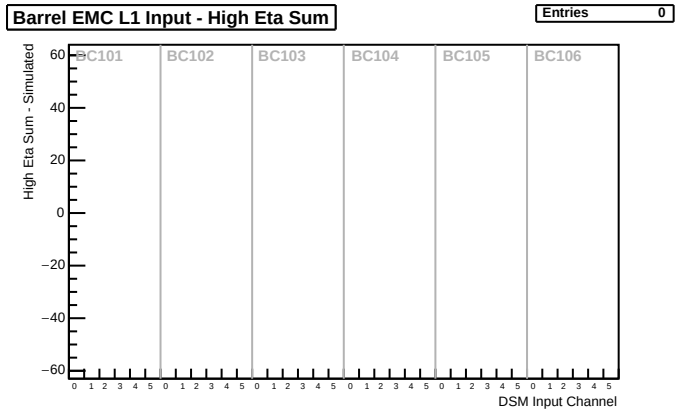

Endcap EMC L0 Input - High Tower
Entries 2.521575e+07
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

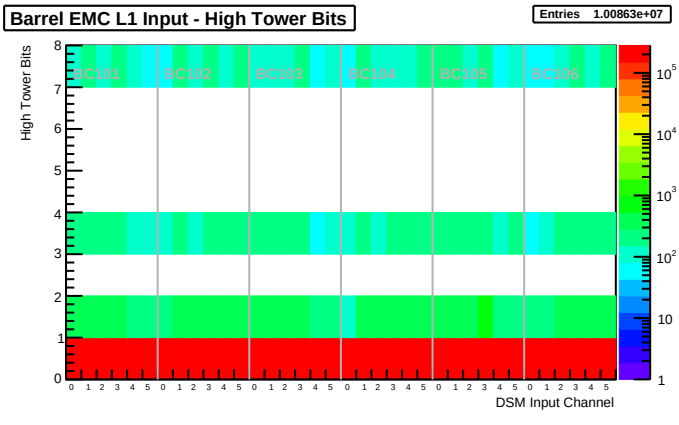

Endcap EMC L0 Input - Patch Sum
Entries 2.521575e+07
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

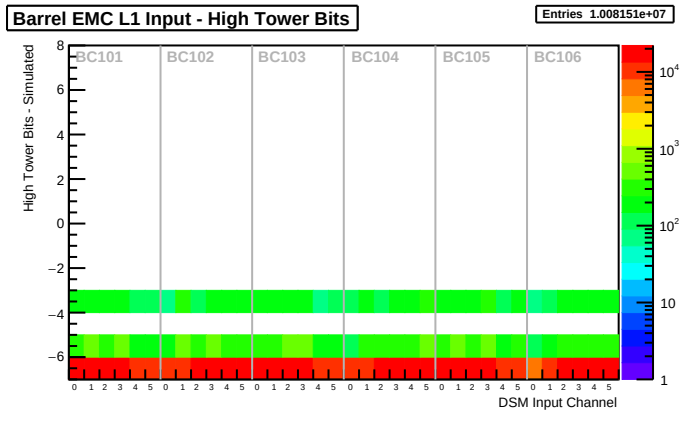

Barrel EMC L1 Input - Low Eta Sum
Entries 1.00863e+07
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

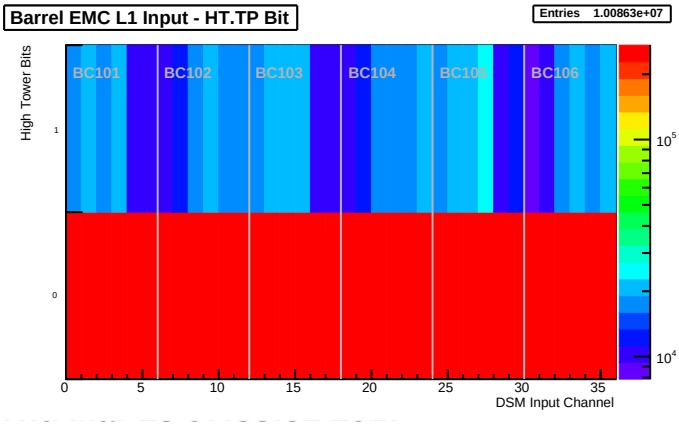

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

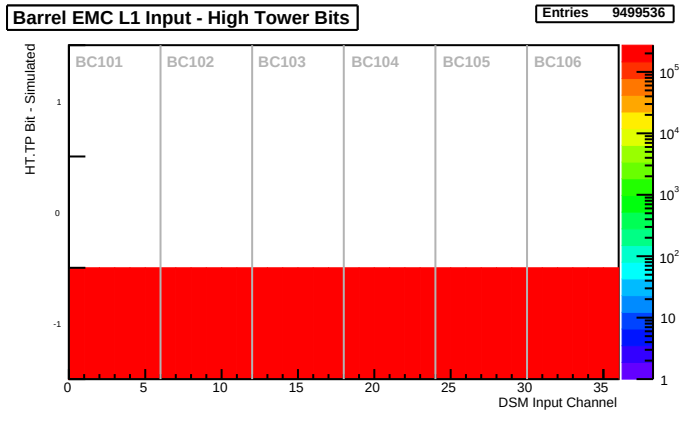

Barrel EMC L1 Input - High Eta Sum
Entries 1.00863e+07
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

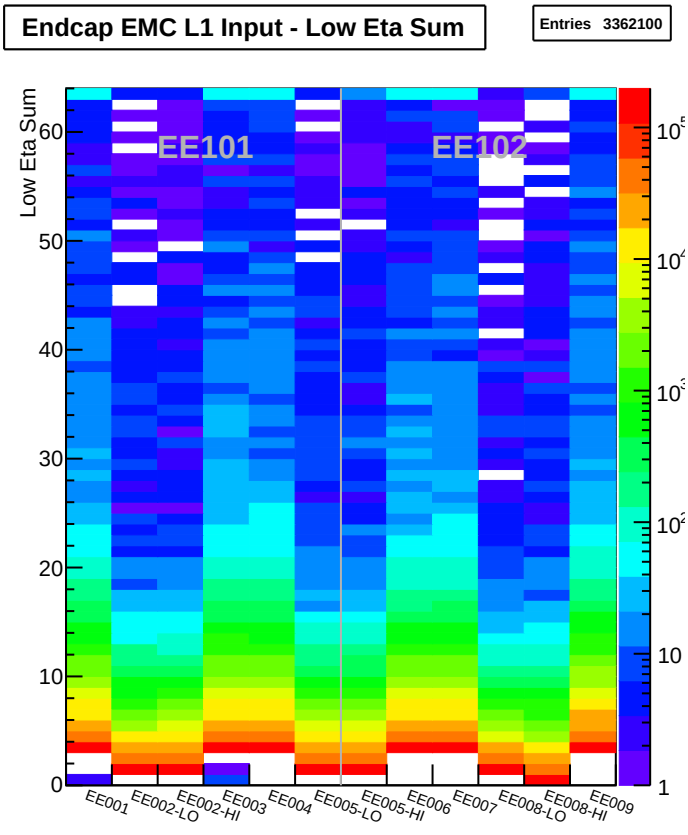

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

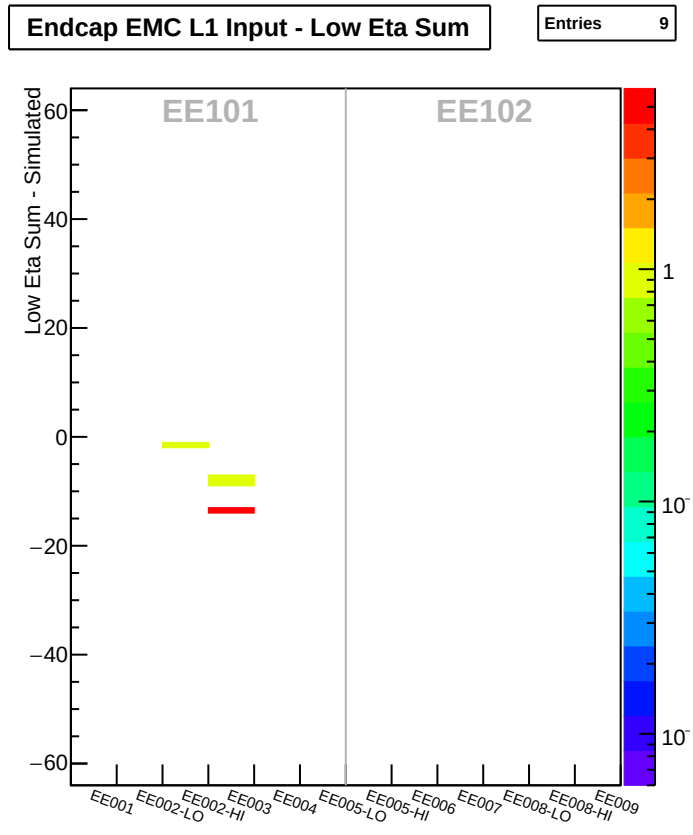

Barrel EMC L1 Input - High Tower Bits
Entries 1.00863e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

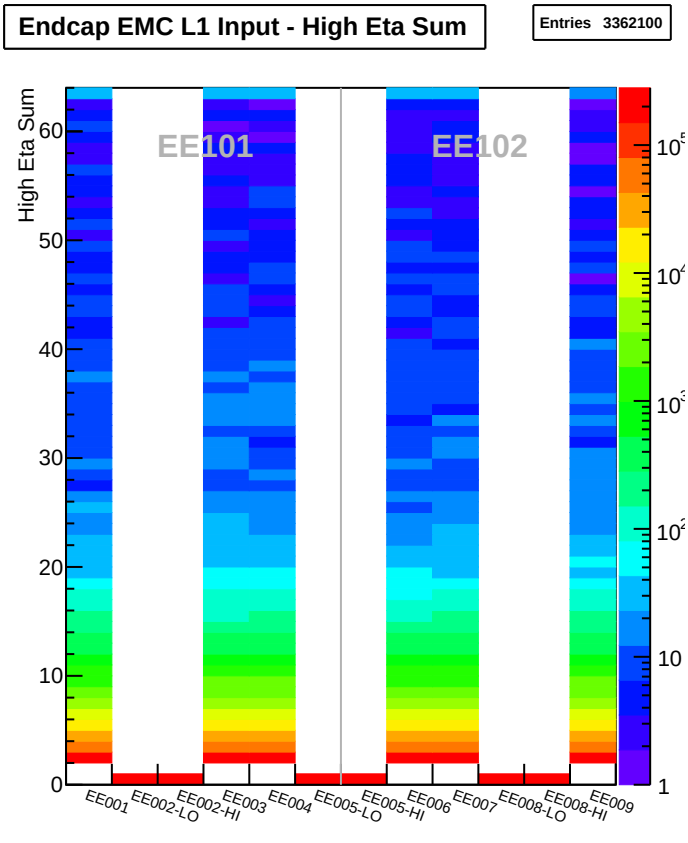

Barrel EMC L1 Input - High Tower Bits
Entries 1.008151e+07
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

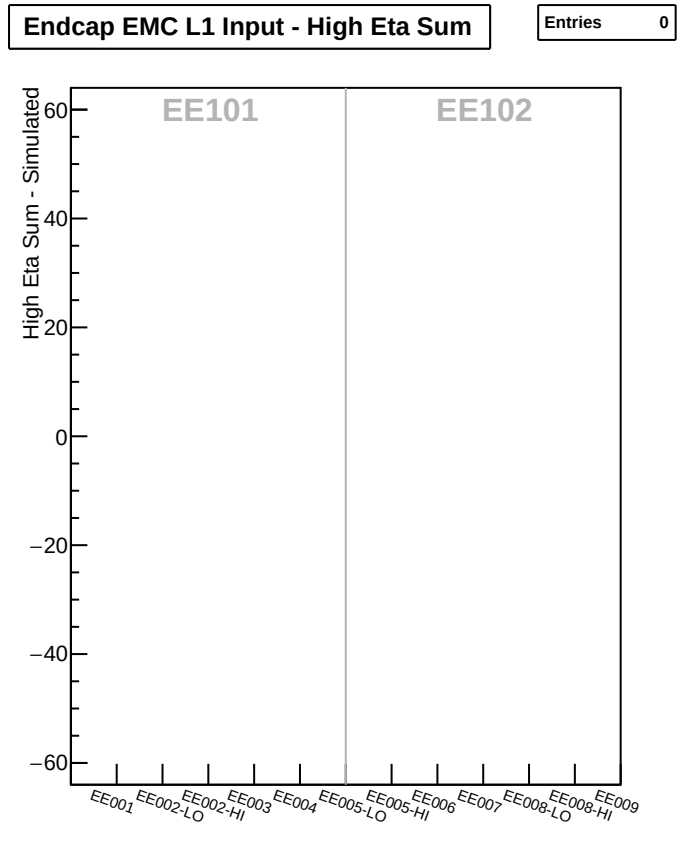

Barrel EMC L1 Input - HT.TP Bit
Entries 1.00863e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

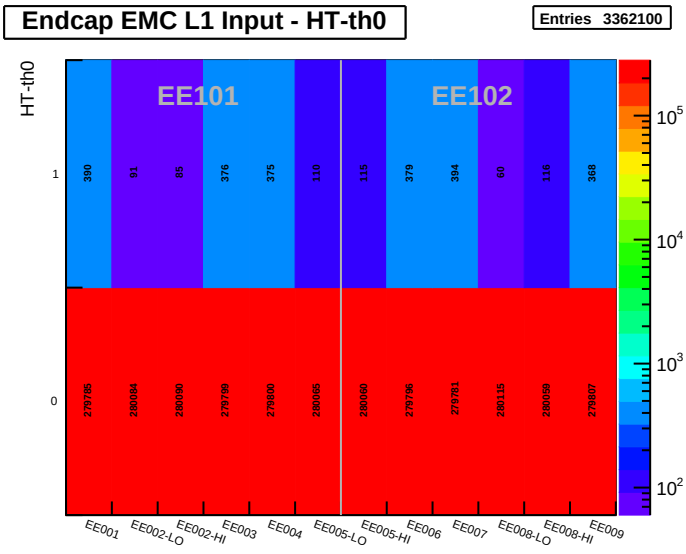

Barrel EMC L1 Input - High Tower Bits
Entries 9499536
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

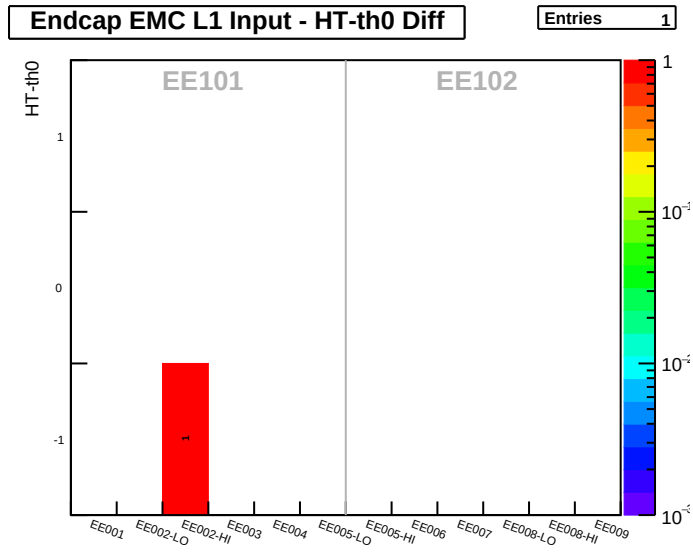

Endcap EMC L1 Input - Low Eta Sum
Entries 3362100
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

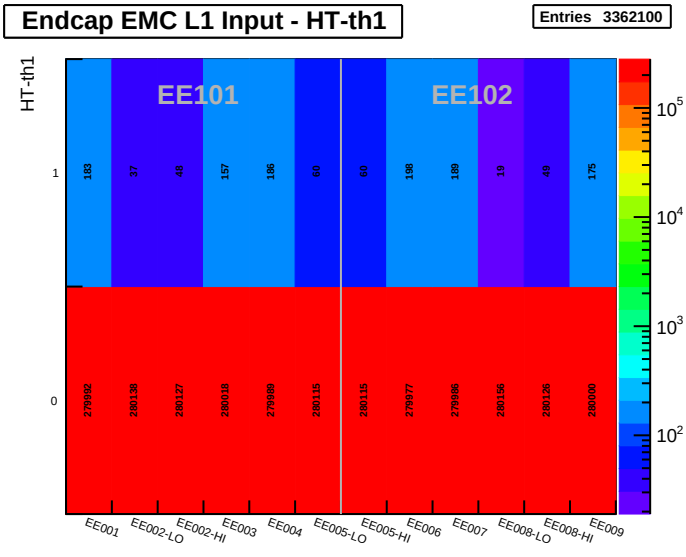

Endcap EMC L1 Input - Low Eta Sum
Entries 9
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

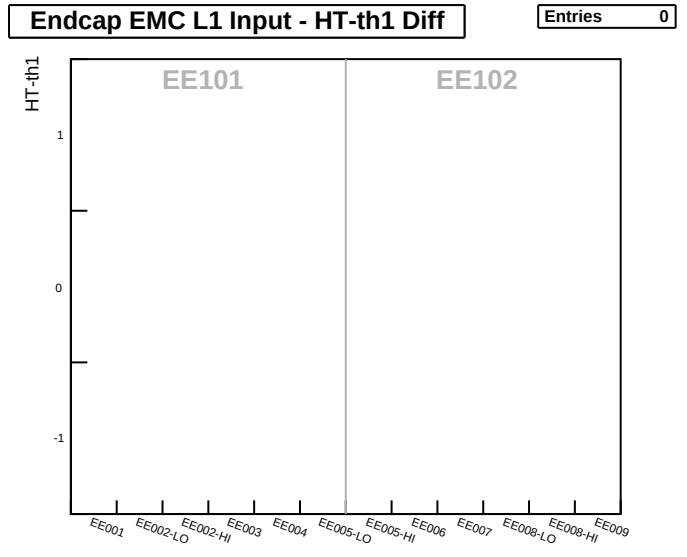

Endcap EMC L1 Input - High Eta Sum
Entries 3362100
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

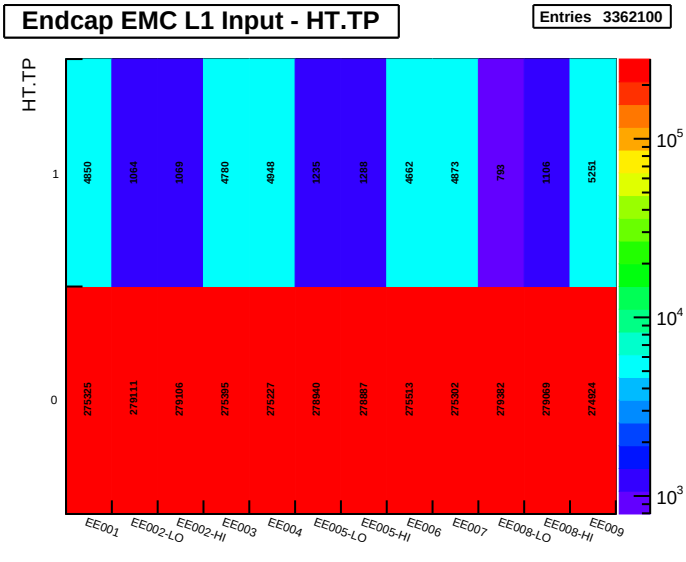

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

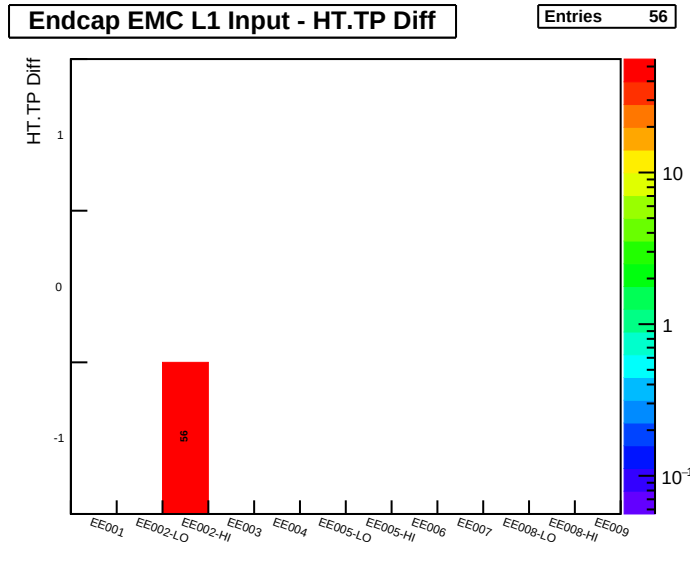

Endcap EMC L1 Input - HT-th0
Entries 3362100
HT-th0
EE101
EE102
1
0
390 91 85 376 375 110 115 379 394 60 116 368
279785 280094 280030 279799 279800 280065 280060 279796 279781 280115 280059 279807
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^5 10^4 10^3 10^2

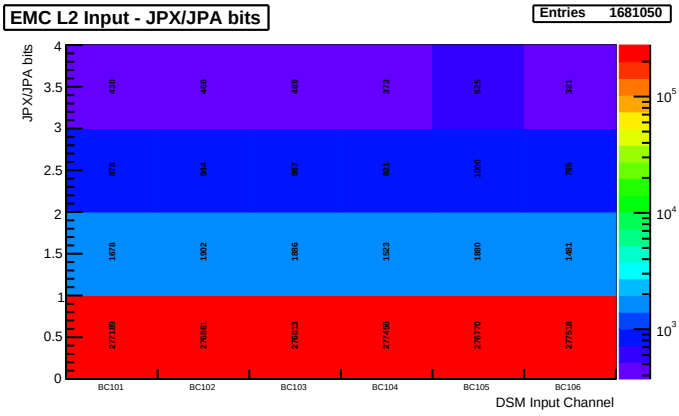

Endcap EMC L1 Input - HT-th0 Diff
Entries 1
HT-th0
EE101
EE102
1
0
-1
1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

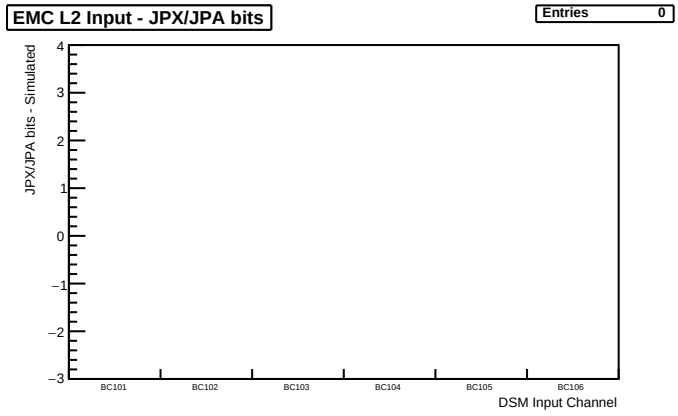

Endcap EMC L1 Input - HT-th1
Entries 3362100
HT-th1
EE101
EE102
1
0
183 37 48 157 186 60 60 198 189 19 49 175
279992 280138 280127 280018 279989 280115 280115 279977 279986 280156 280126 280000
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^5 10^4 10^3 10^2

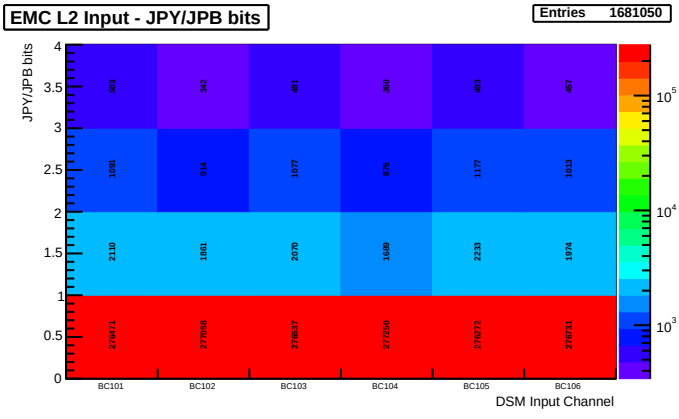

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
HT-th1
EE101
EE102
1
0
-1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

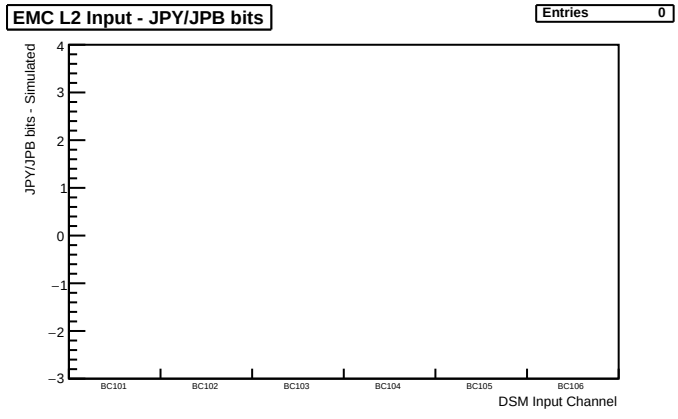

Endcap EMC L1 Input - HT.TP
Entries 3362100
HT.TP
1
0
4850 1064 1069 4780 4948 1235 1288 4662 4673 793 1106 5251
275325 279111 279106 275395 275227 278940 278887 275513 275302 279302 279069 274924
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^5 10^4 10^3

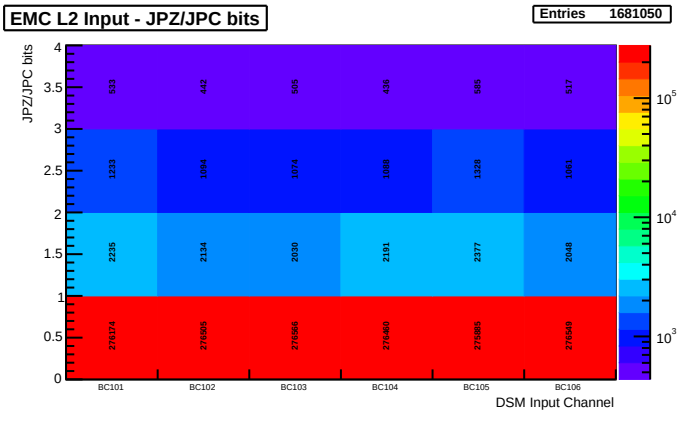

Endcap EMC L1 Input - HT.TP Diff
Entries 56
HT.TP Diff
1
0
-1
56
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10
1

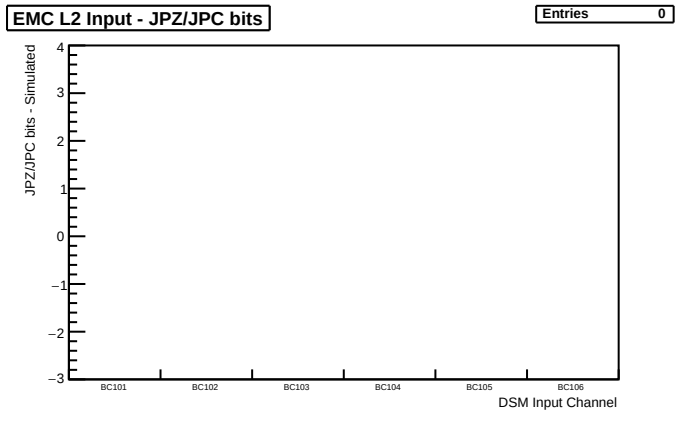

EMC L2 Input - JPX/JPA bits
Entries 1681050
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
430 468 489 373 525 381
878 944 987 821 1030 795
1678 1902 1886 1523 1890 1461
277189 276861 276813 277458 276770 277518

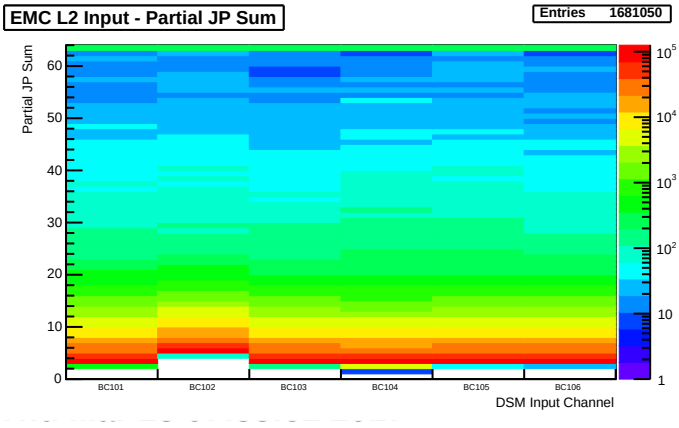

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

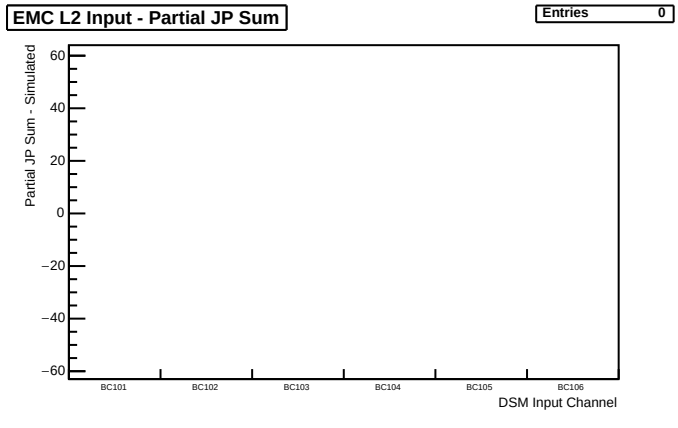

EMC L2 Input - JPY/JPB bits
Entries 1681050
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
503 342 491 360 493 657
1091 914 1077 876 1177 1013
2110 1861 2070 1689 2233 1974
276471 276958 276637 277250 276672 276731

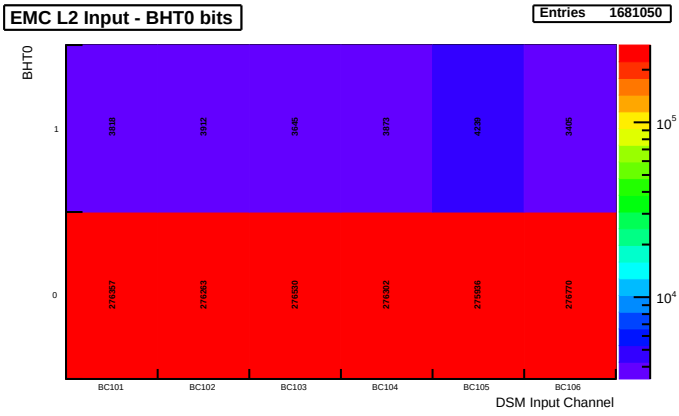

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

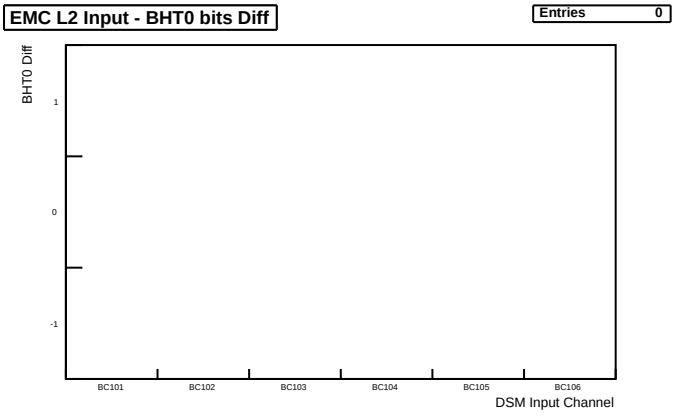

EMC L2 Input - JPZ/JPC bits
Entries 1681050
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
503 442 505 436 505 517
1233 1094 1074 1088 1328 1061
2235 2134 2030 2191 2377 2048
276374 275905 276566 276460 275885 276549

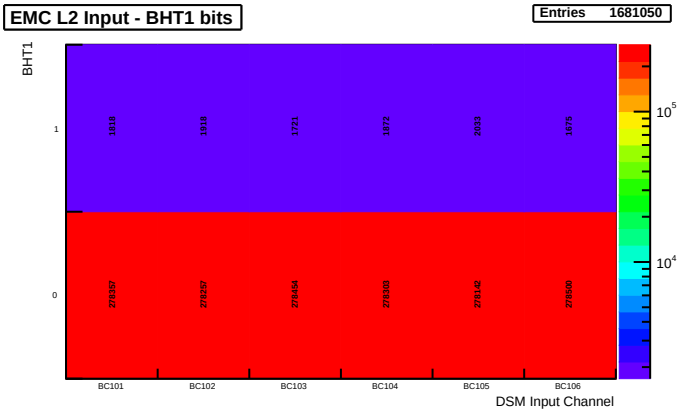

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

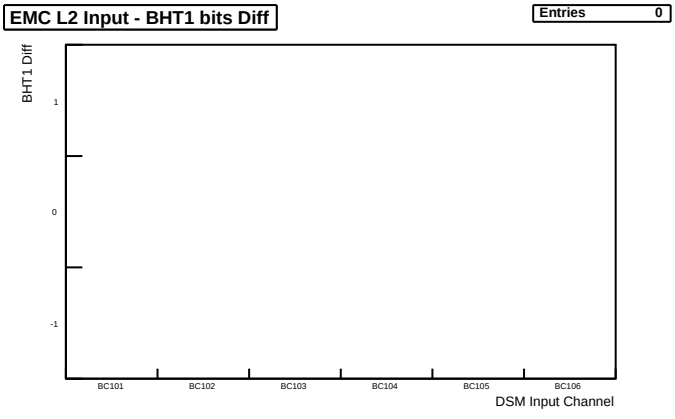

EMC L2 Input - Partial JP Sum
Entries 1681050
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

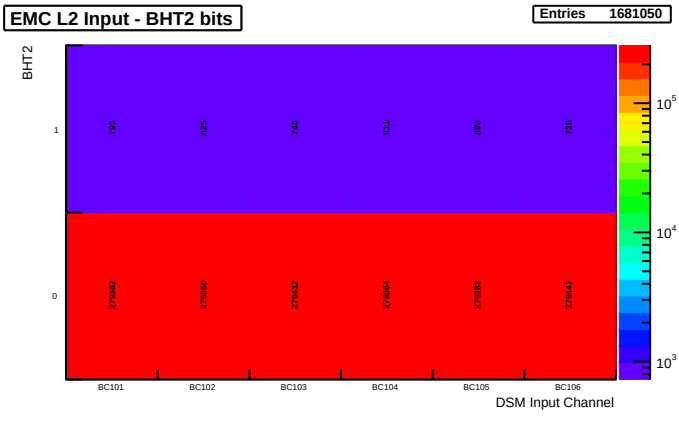

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

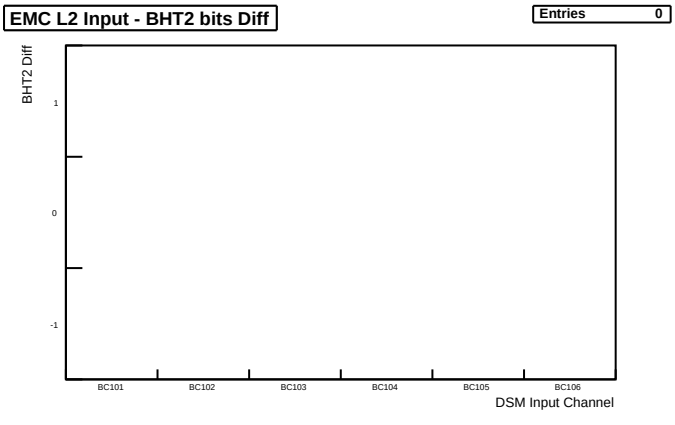

EMC L2 Input - BHT0 bits
Entries 1681050
BHT0
1
0
3918
3912
3645
3873
4239
3405
276357
276363
276539
276302
275898
276770
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^5
10^4

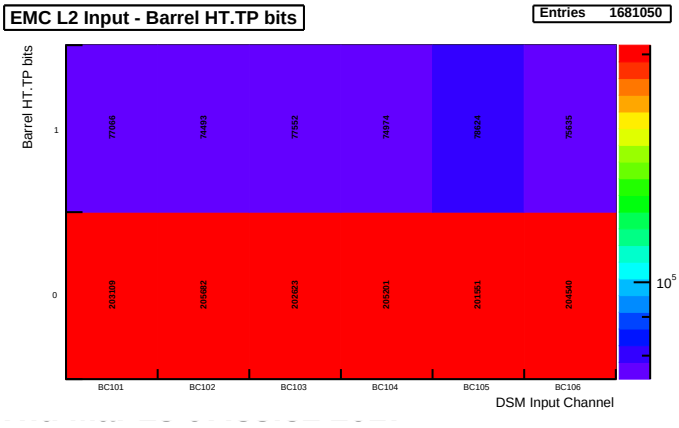

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

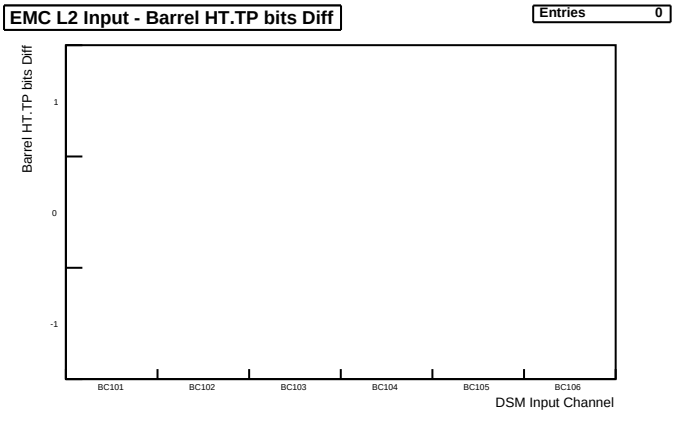

EMC L2 Input - BHT1 bits
Entries 1681050
BHT1
1
0
1918
1918
1721
1972
2033
1676
278357
278257
278454
278303
278142
278500
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^5
10^4

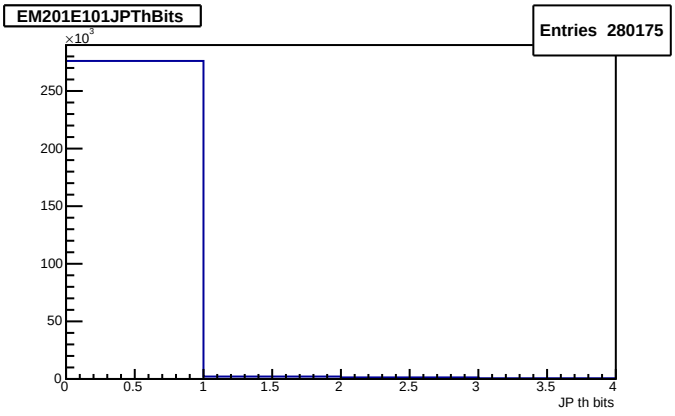

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

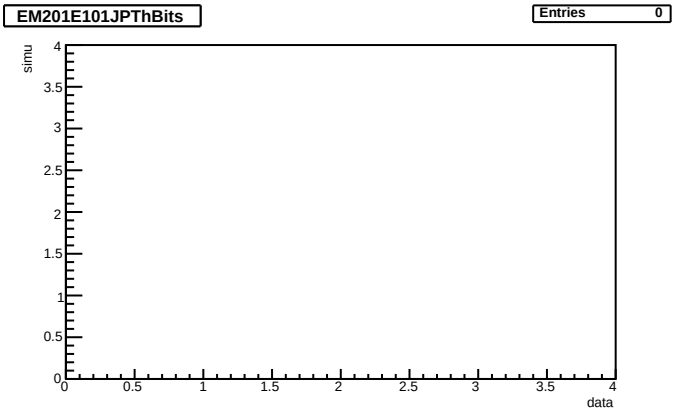

EMC L2 Input - BHT2 bits
Entries 1681050
BHT2
1
0
723
825
743
811
893
728
278392
278350
278432
278364
278282
278447
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^5
10^4
10^3

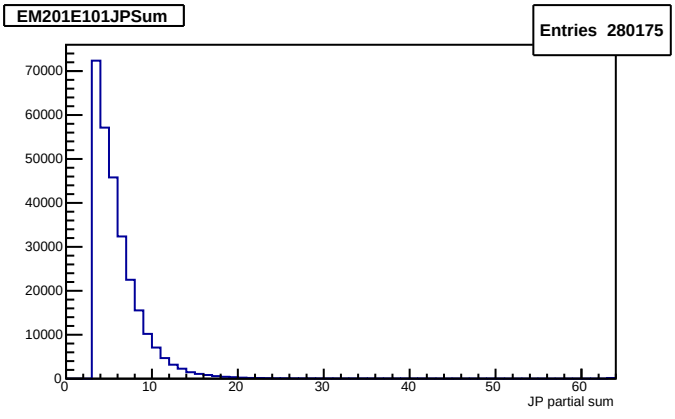

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

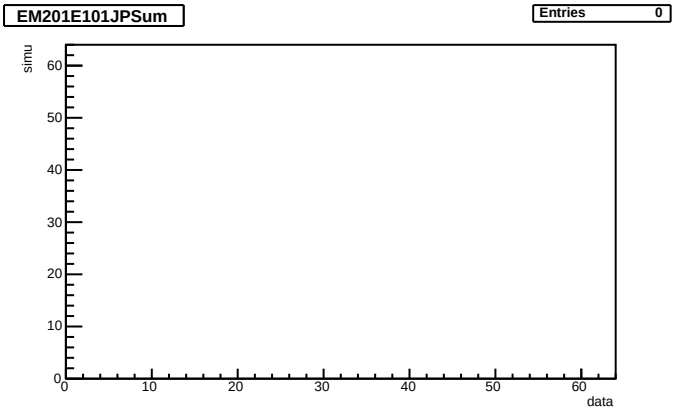

EMC L2 Input - Barrel HT.TP bits
Entries 1681050
Barrel HT.TP bits
1
0
77046
74493
77552
74974
78624
75535
203109
205682
202623
205201
201551
204540
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^5

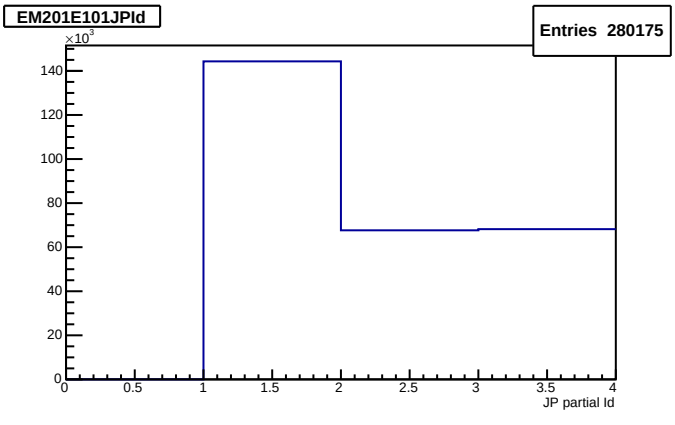

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

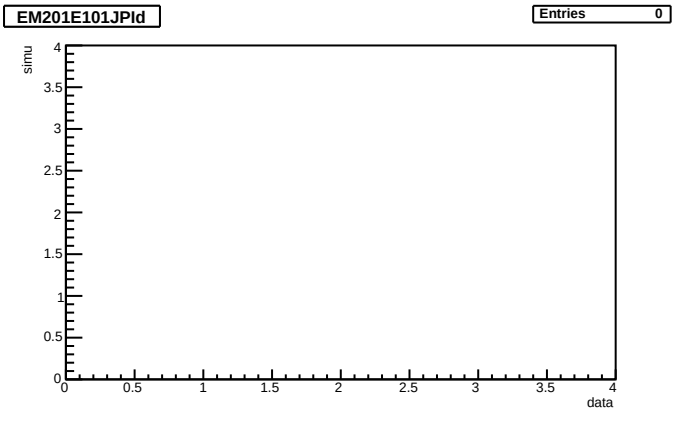

EM201E101JPThBits
Entries 280175
×10^3
JP th bits

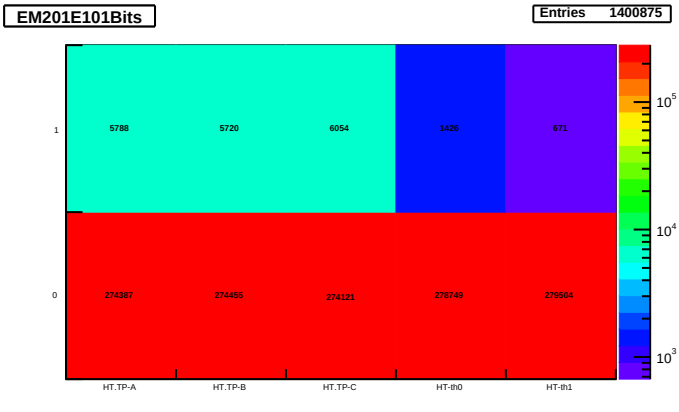

EM201E101JPThBits
Entries 0
simu
data

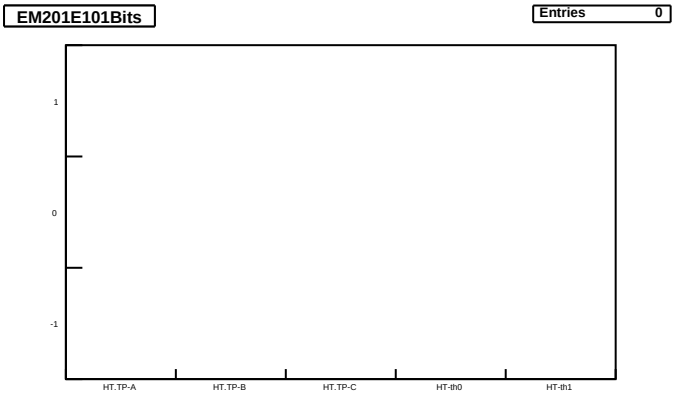

EM201E101JPSum
Entries 280175
JP partial sum

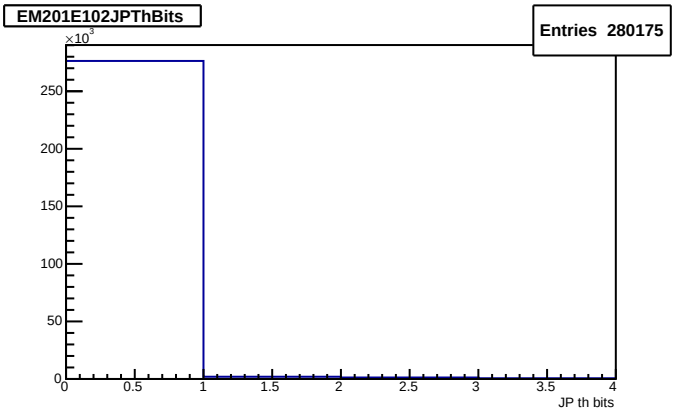

EM201E101JPSum
Entries 0
simu
data

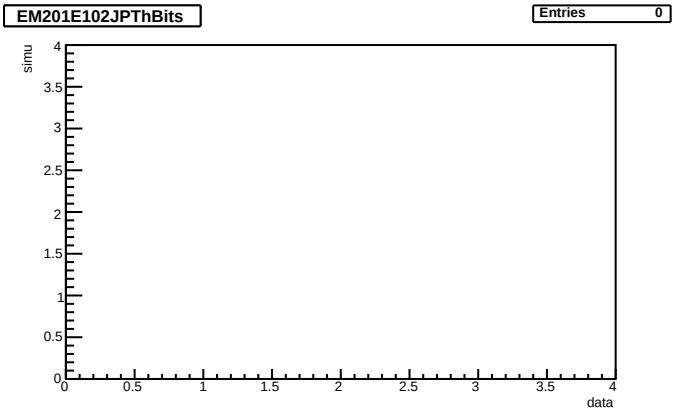

EM201E101JPId
Entries 280175
×10^3
JP partial Id

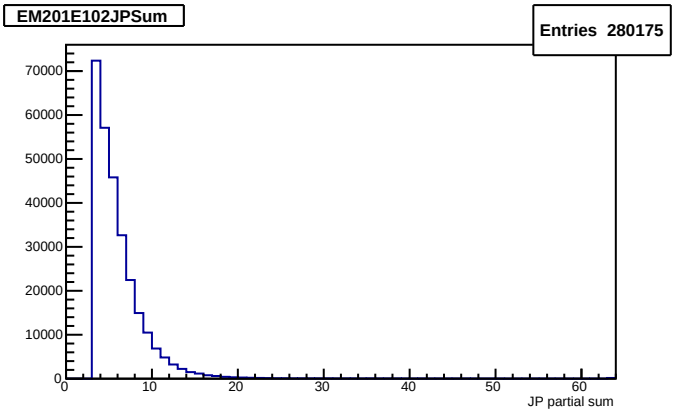

EM201E101JPId
Entries 0
simu
data

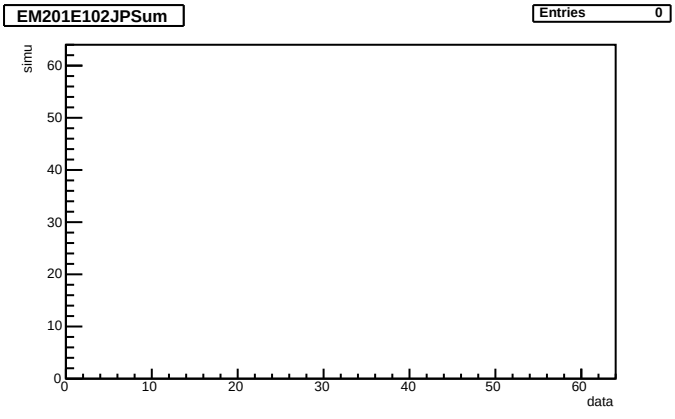

EM201E101Bits
Entries 1400875
5788
5720
6054
1428
671
274387
274455
274121
278749
279504
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

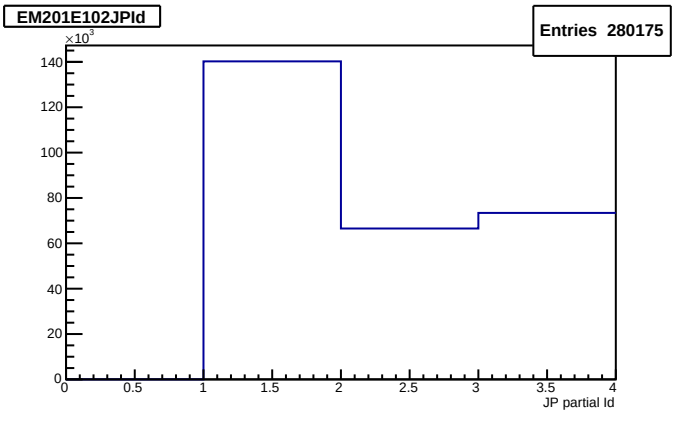

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

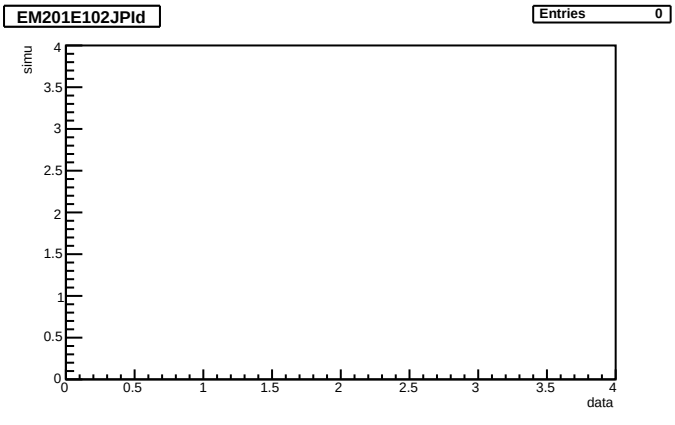

EM201E102JPThBits
Entries 280175
×10^3
JP th bits

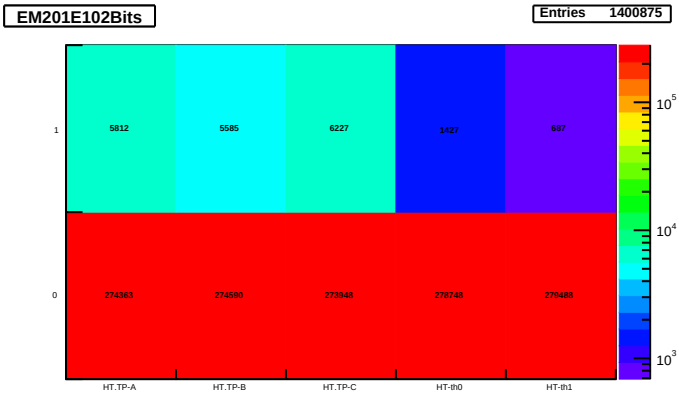

EM201E102JPThBits
Entries 0
simu
data

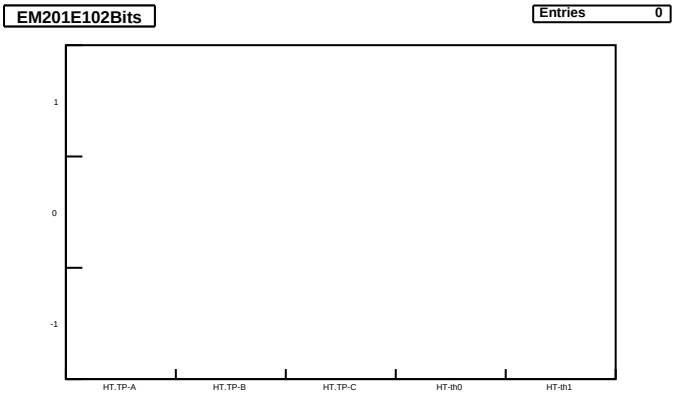

EM201E102JPSum
Entries 280175
JP partial sum

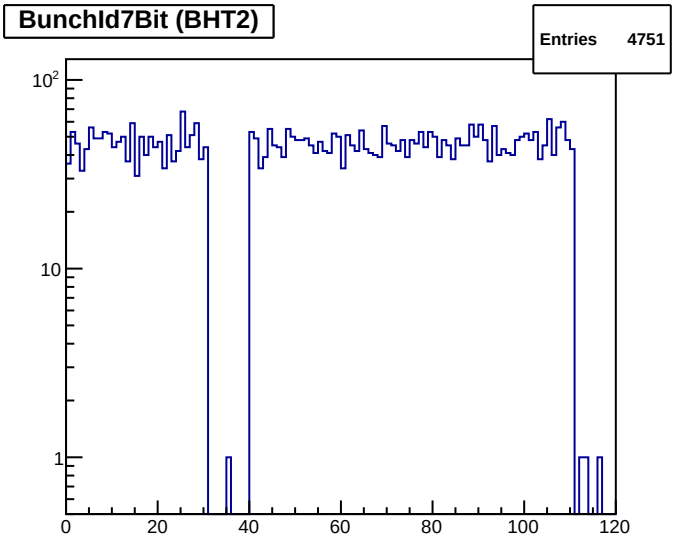

EM201E102JPSum
Entries 0
simu
data

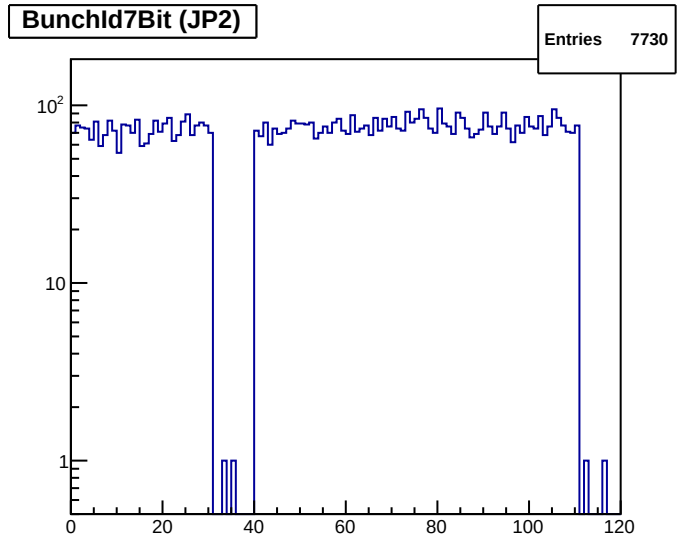

EM201E102JPId
Entries 280175
×10^3
JP partial Id

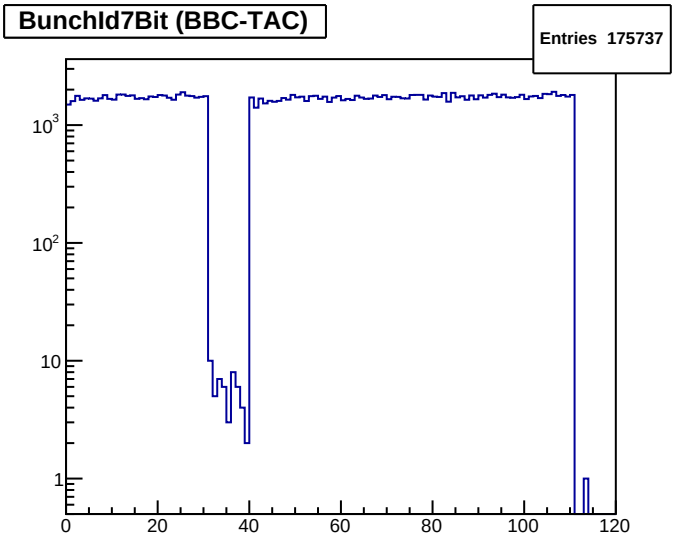

EM201E102JPId
Entries 0
simu
data

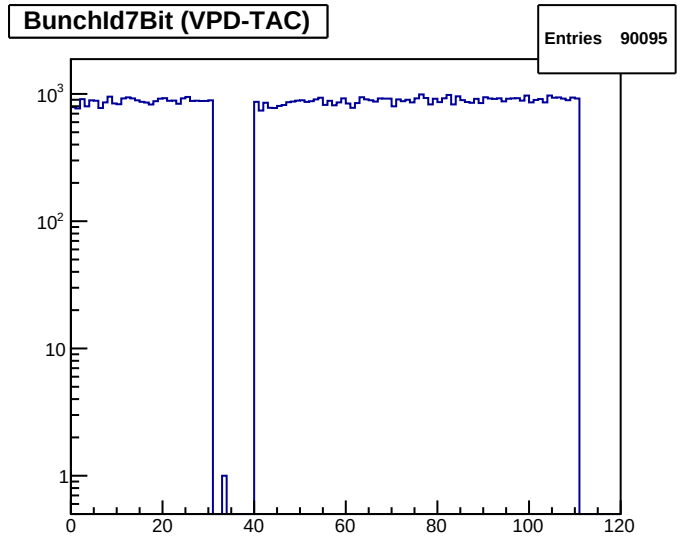

EM201E102Bits
Entries 1400875
5812
5585
6227
1427
687
274363
274590
273948
278748
279488
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

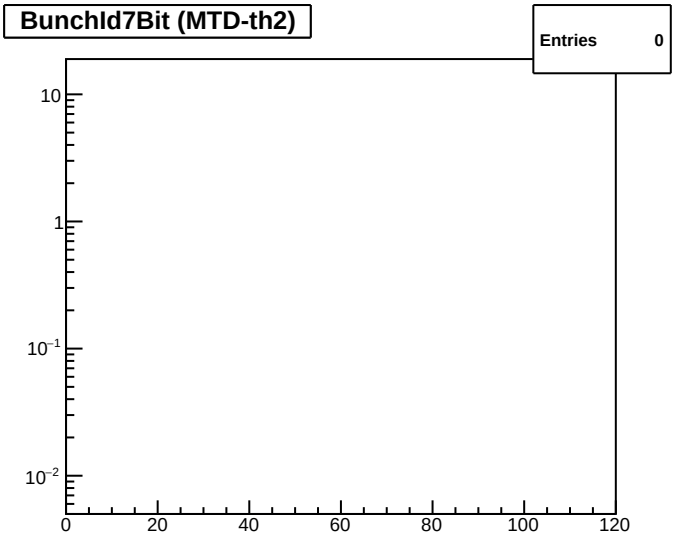

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

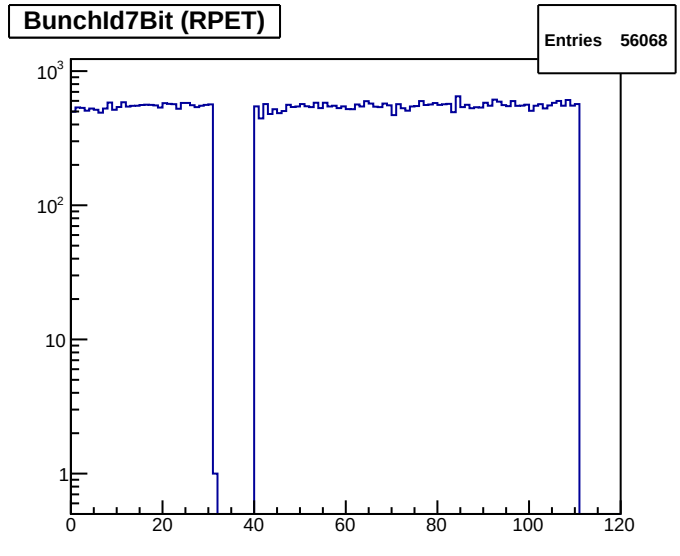

BunchId7Bit (BHT2)
Entries 4751

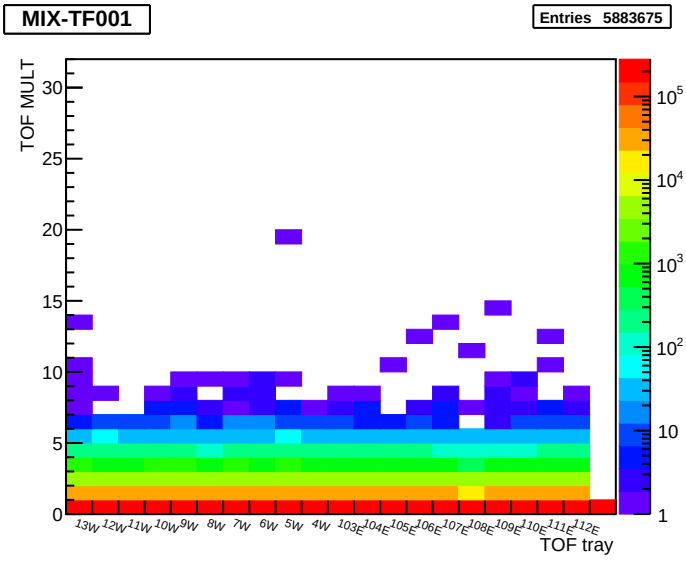

BunchId7Bit (JP2)
Entries 7730

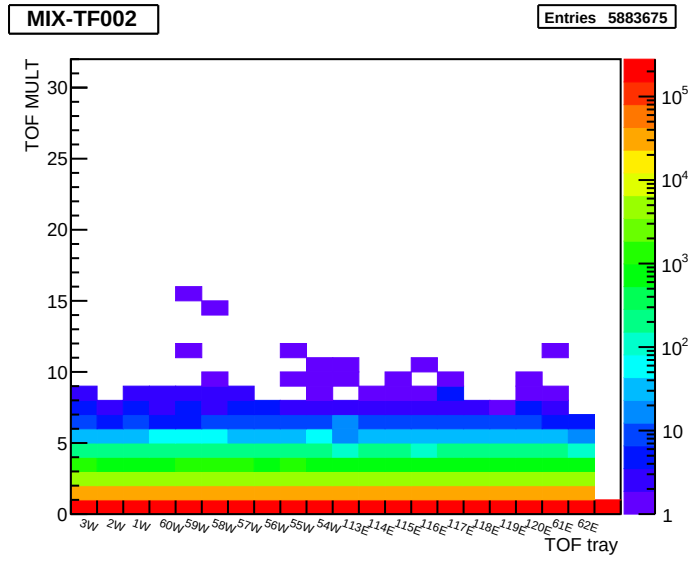

BunchId7Bit (BBC-TAC)
Entries 175737

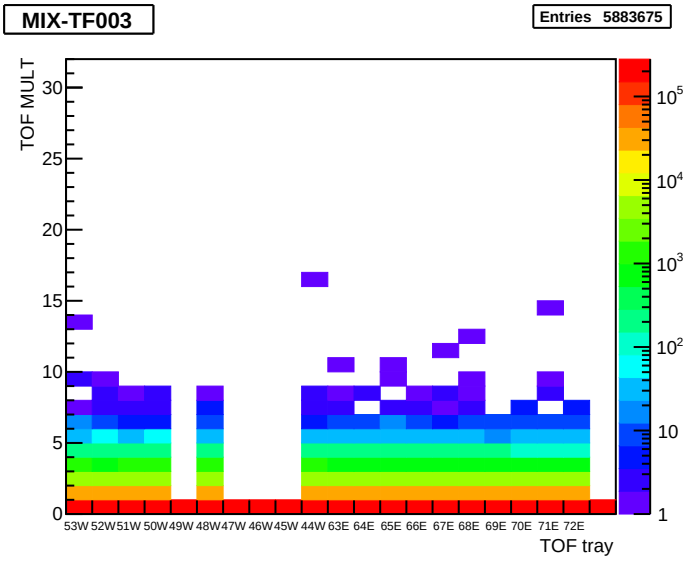

BunchId7Bit (VPD-TAC)
Entries 90095

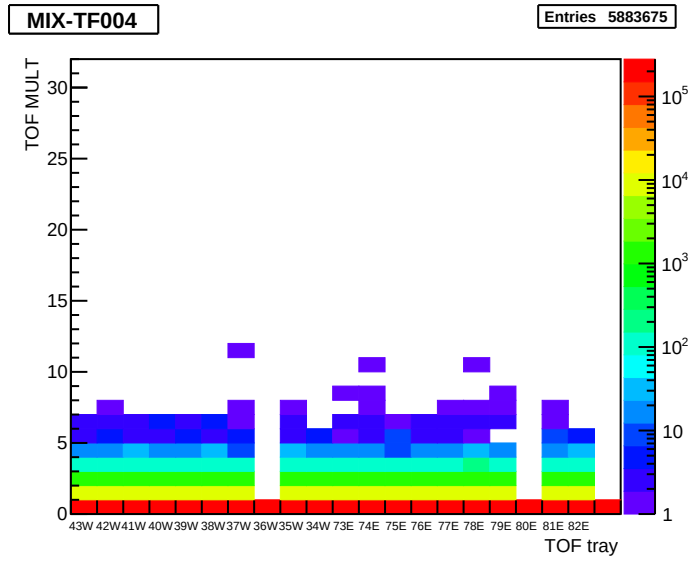

BunchId7Bit (MTD-th2)
Entries 0

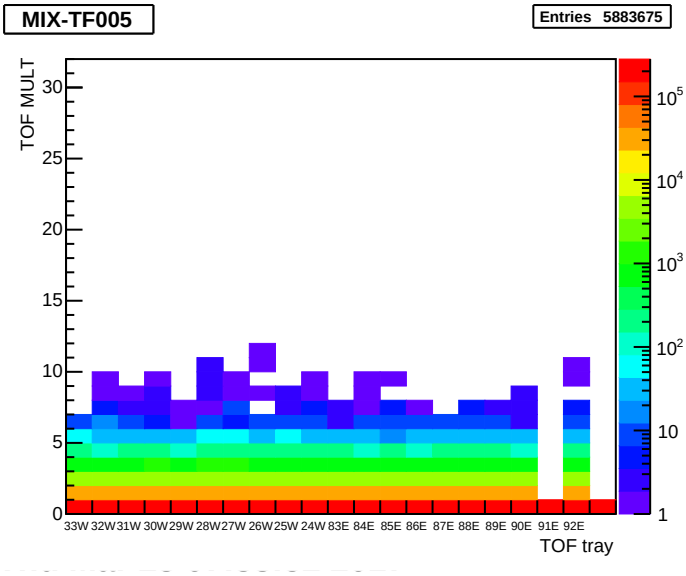

BunchId7Bit (RPET)
Entries 56068

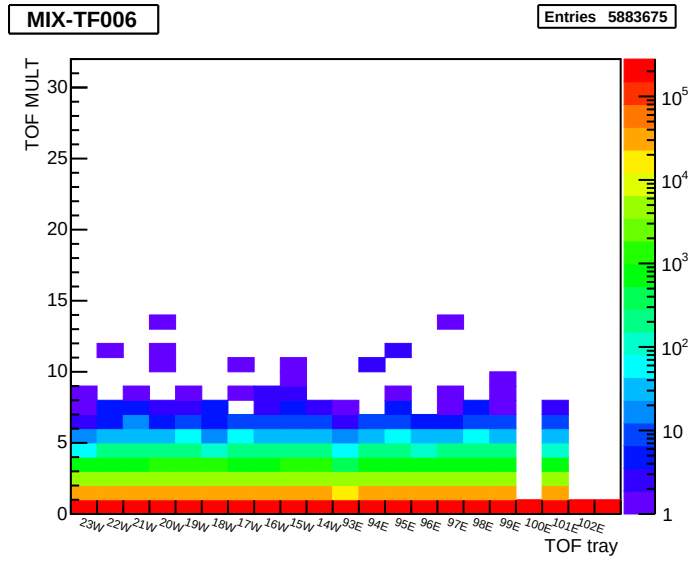

MIX-TF001
Entries 5883675
TOF MULT
TOF tray

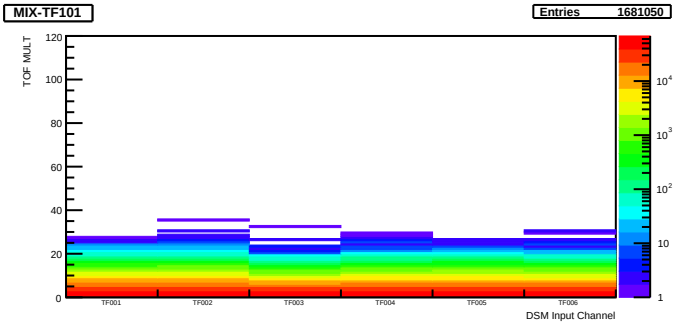

MIX-TF002
Entries 5883675
TOF MULT
TOF tray

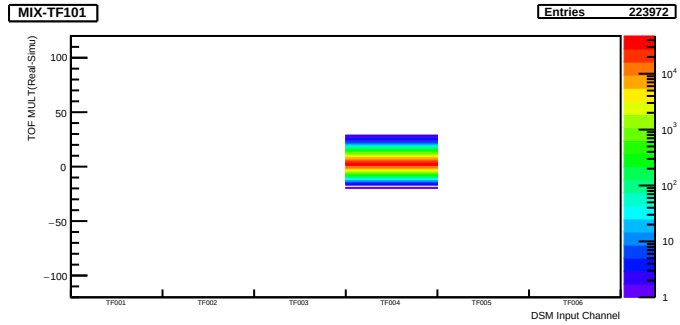

MIX-TF003
Entries 5883675
TOF MULT
TOF tray

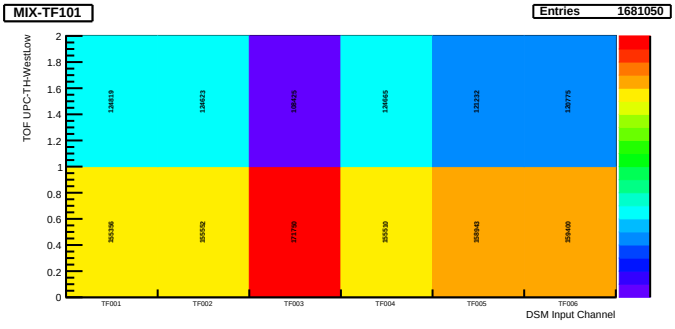

MIX-TF004
Entries 5883675
TOF MULT
TOF tray

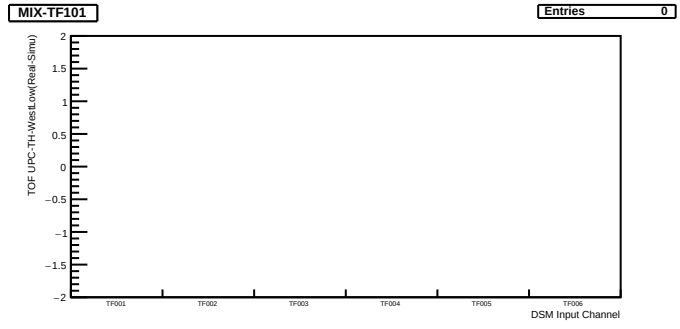

MIX-TF005
Entries 5883675
TOF MULT
TOF tray

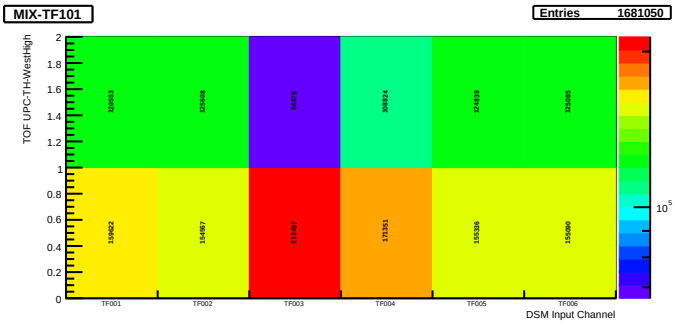

MIX-TF006
Entries 5883675
TOF MULT
TOF tray

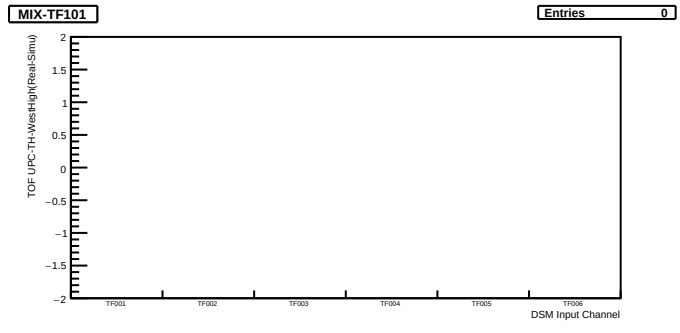

MIX-TF101
Entries 1681050
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

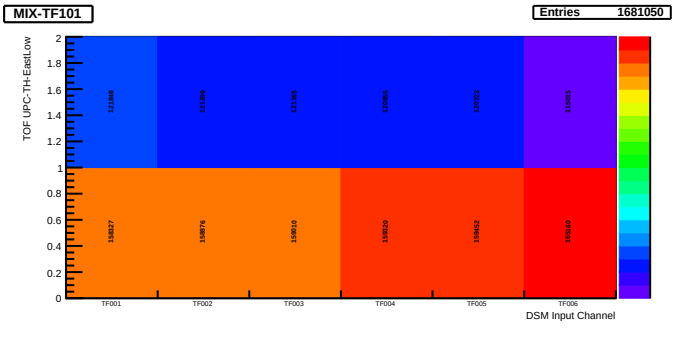

MIX-TF101
Entries 223972
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

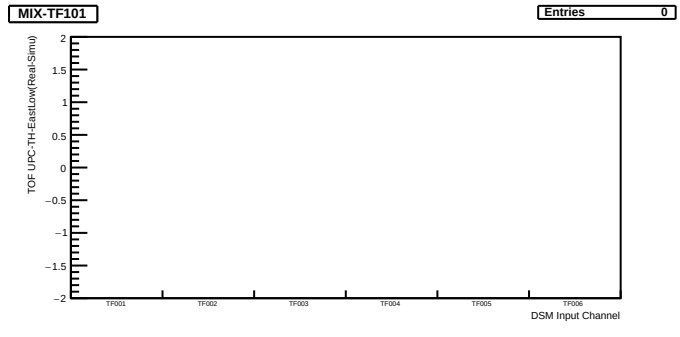

MIX-TF101
Entries 1681050
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

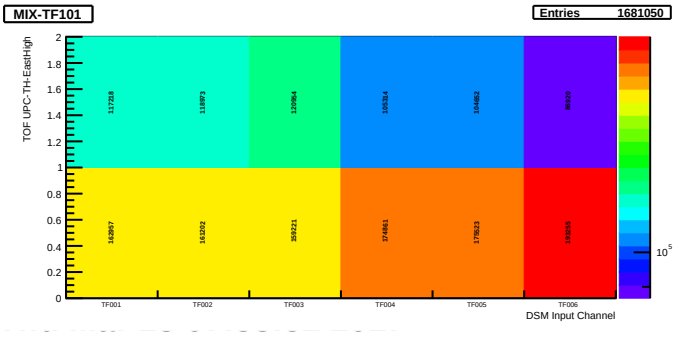

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

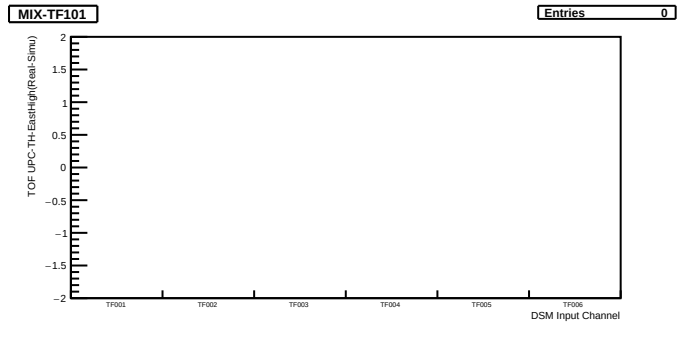

MIX-TF101
Entries 1681050
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

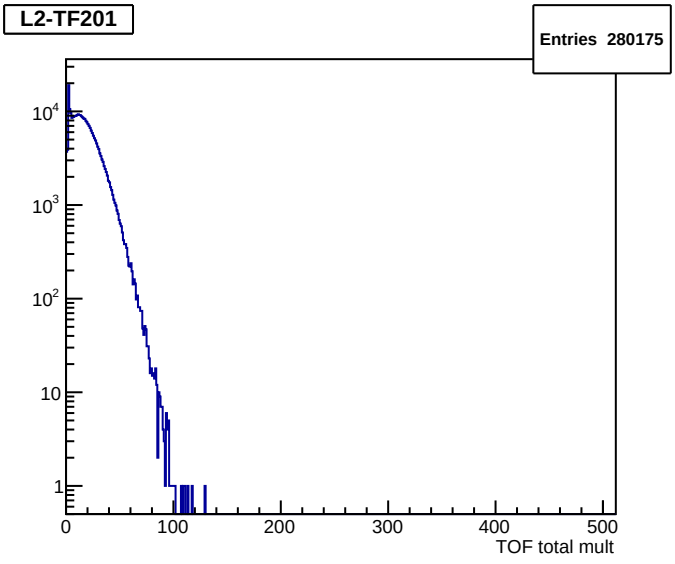

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

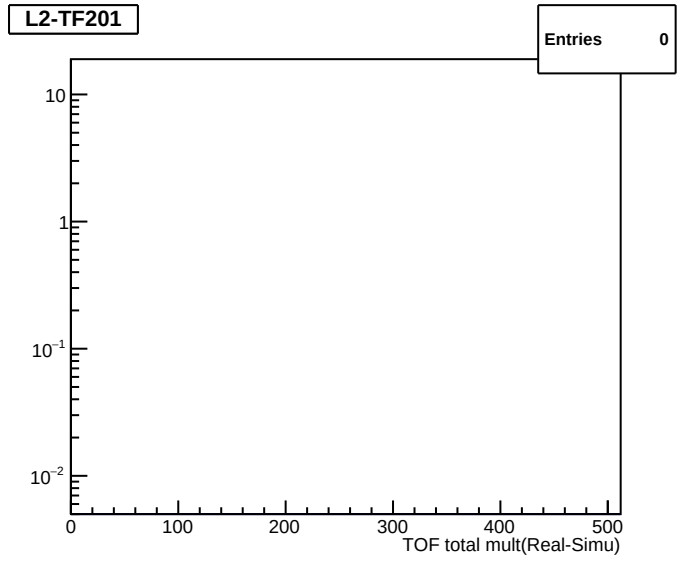

MIX-TF101
Entries 1681050
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

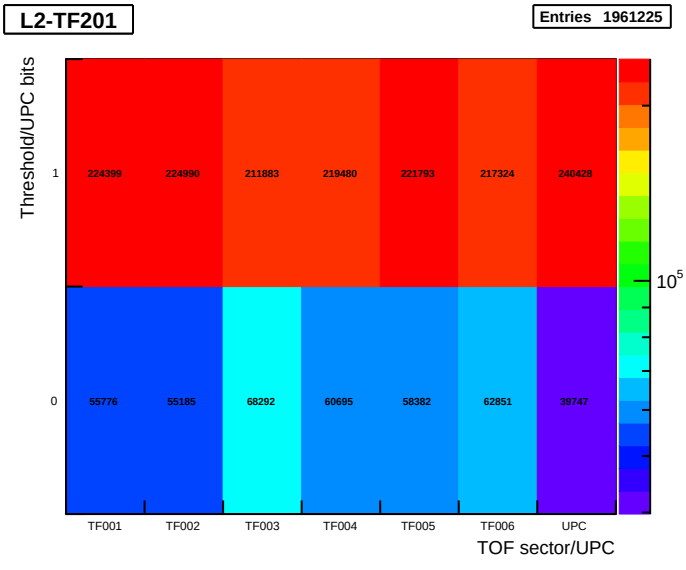

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

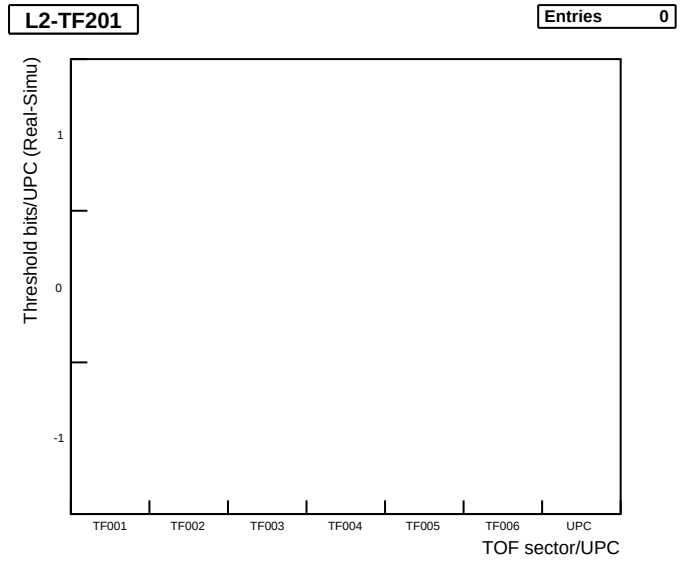

MIX-TF101
Entries 1681050
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

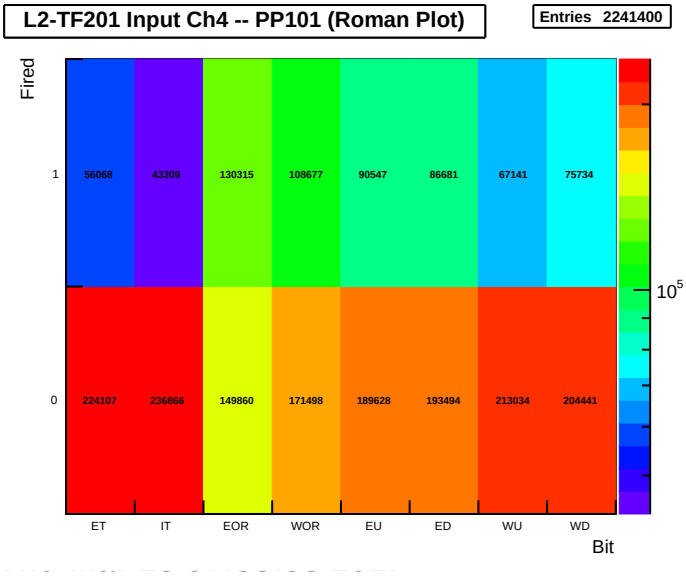

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

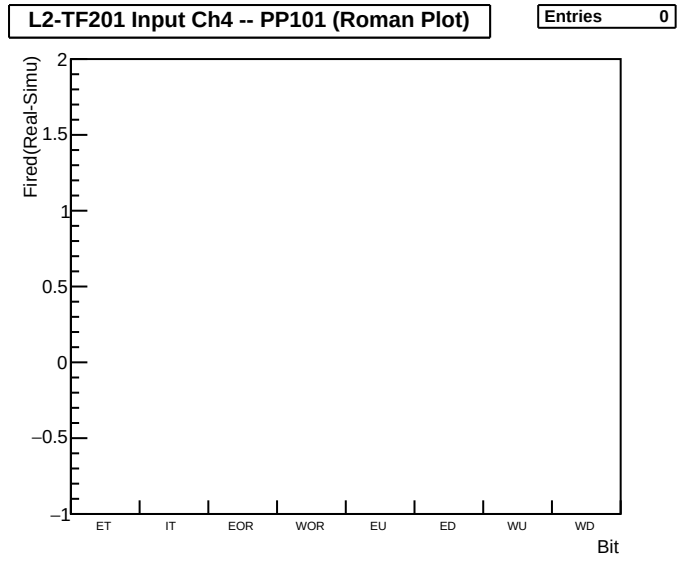

L2-TF201
Entries 280175
TOF total mult

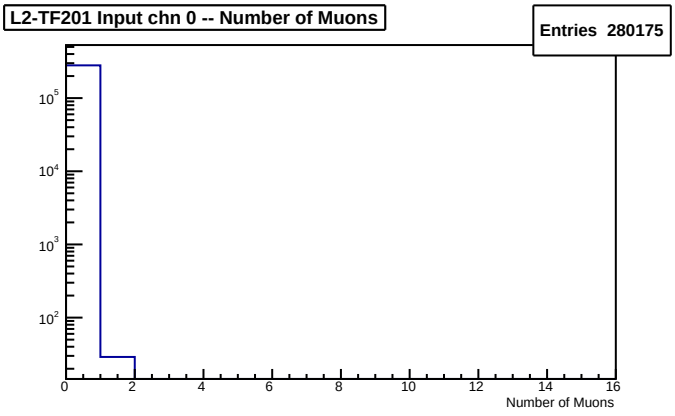

L2-TF201
Entries 0
TOF total mult(Real-Simu)

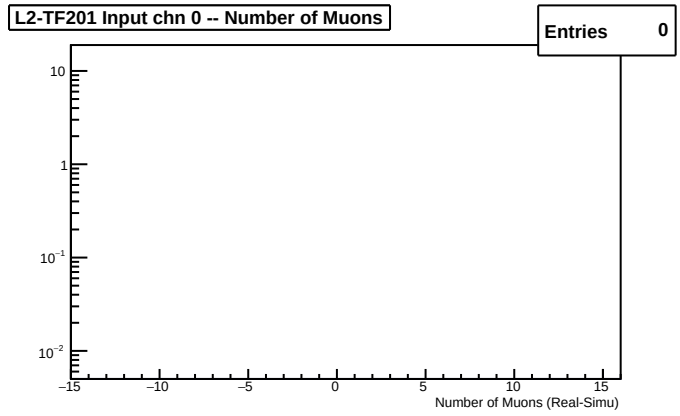

L2-TF201
Entries 1961225
Threshold/UPC bits
224399 224990 211883 219480 221793 217324 240428
55776 55185 68292 60695 58382 62851 39747
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

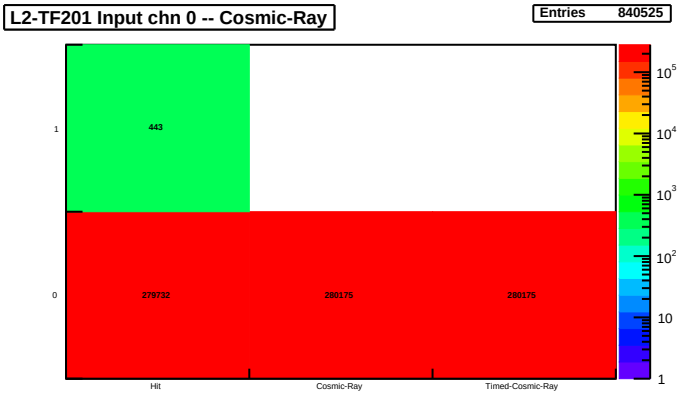

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

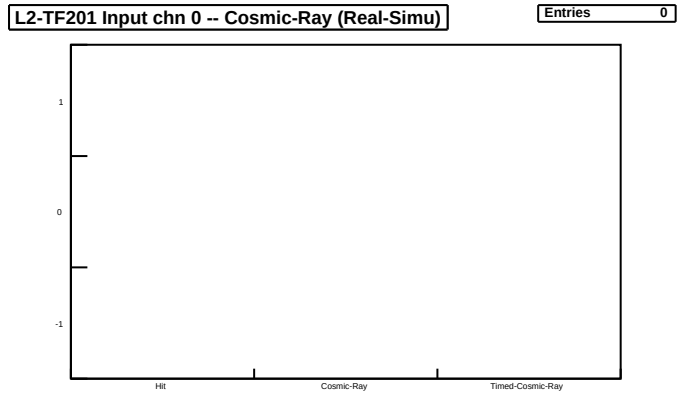

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 2241400
Fired
56068 43309 130315 108677 90547 86681 67141 75734
224107 236866 149860 171498 189628 193494 213034 204441
ET IT EOR WOR EU ED WU WD
Bit

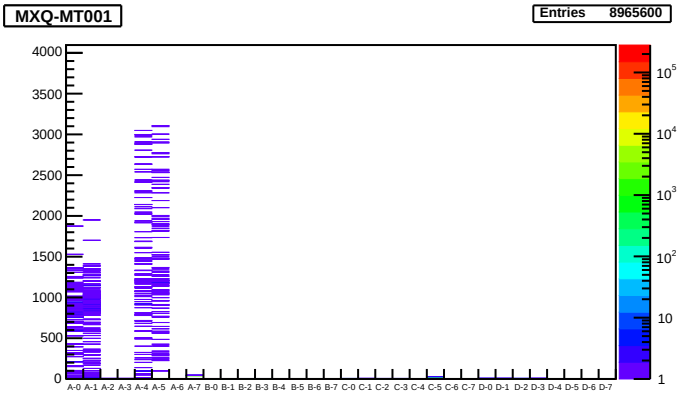

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET IT EOR WOR EU ED WU WD
Bit

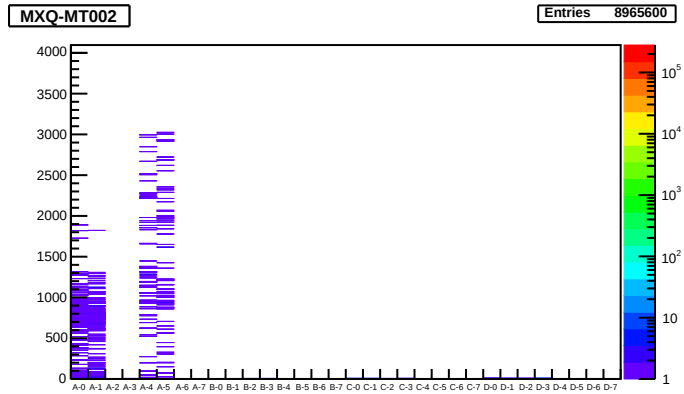

L2-TF201 Input chn 0 -- Number of Muons
Entries 280175
Number of Muons

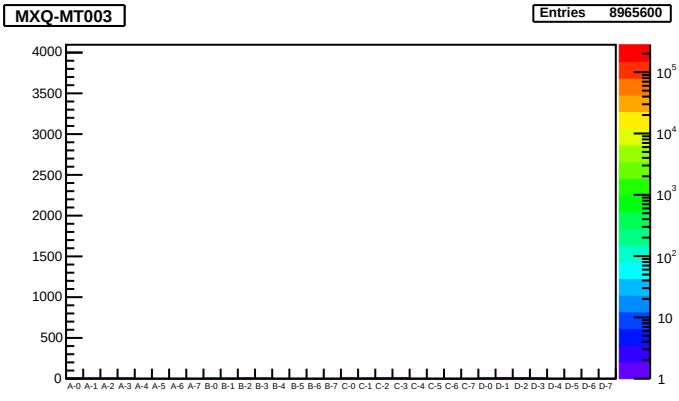

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

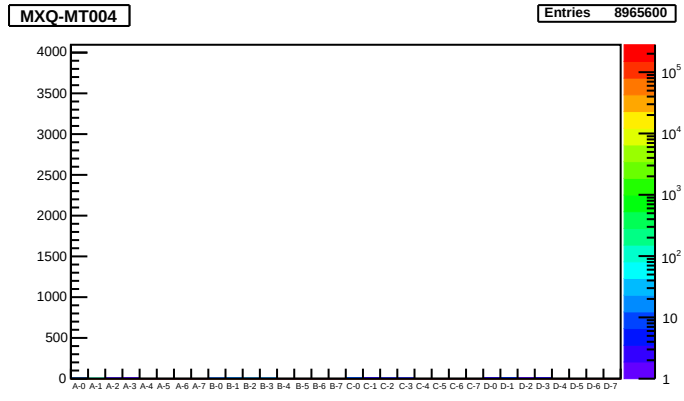

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 840525
443
279732
280175
280175
Hit
Cosmic-Ray
Timed-Cosmic-Ray

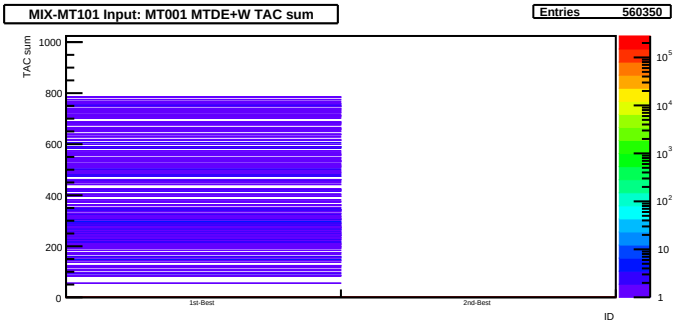

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

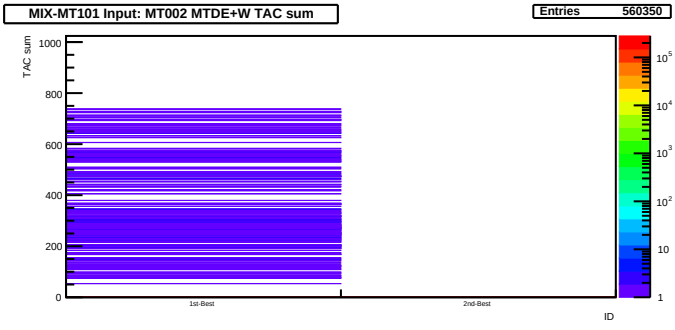

MXQ-MT001
Entries 8965600
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^5
10^4
10^3
10^2
10
1

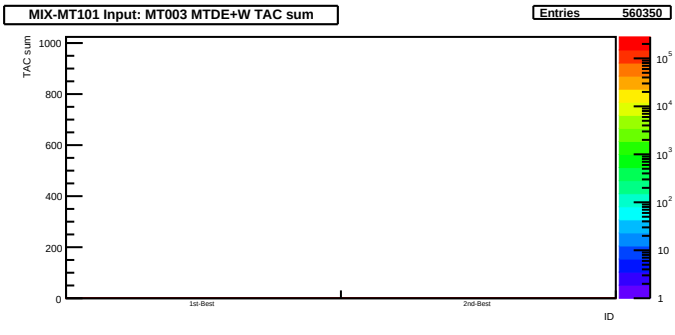

MXQ-MT002
Entries 8965600
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^5
10^4
10^3
10^2
10
1

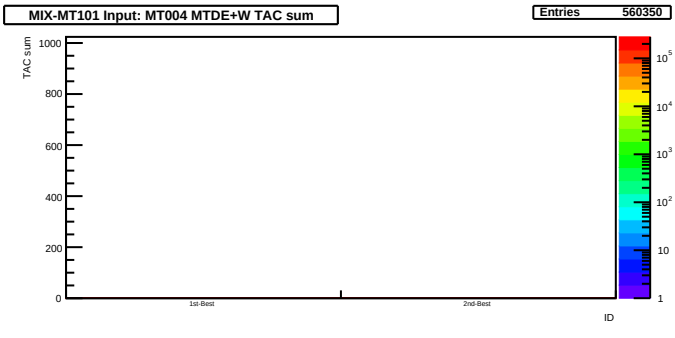

MXQ-MT003
Entries 8965600
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^5
10^4
10^3
10^2
10
1

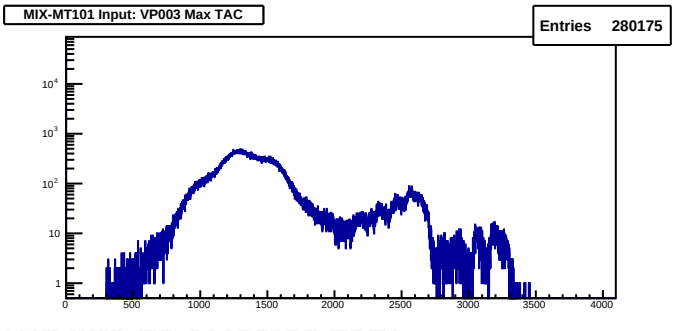

MXQ-MT004
Entries 8965600
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^5
10^4
10^3
10^2
10
1

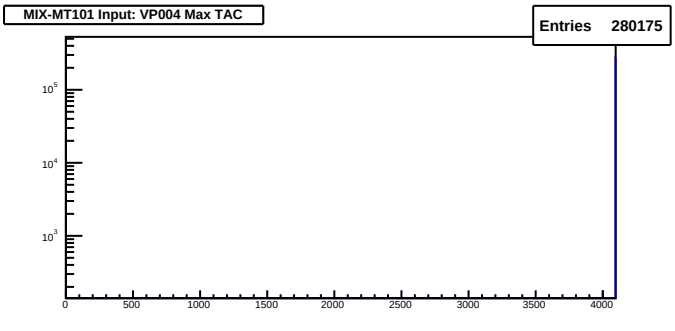

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 560350
TAC sum
1st-Best
2nd-Best
ID

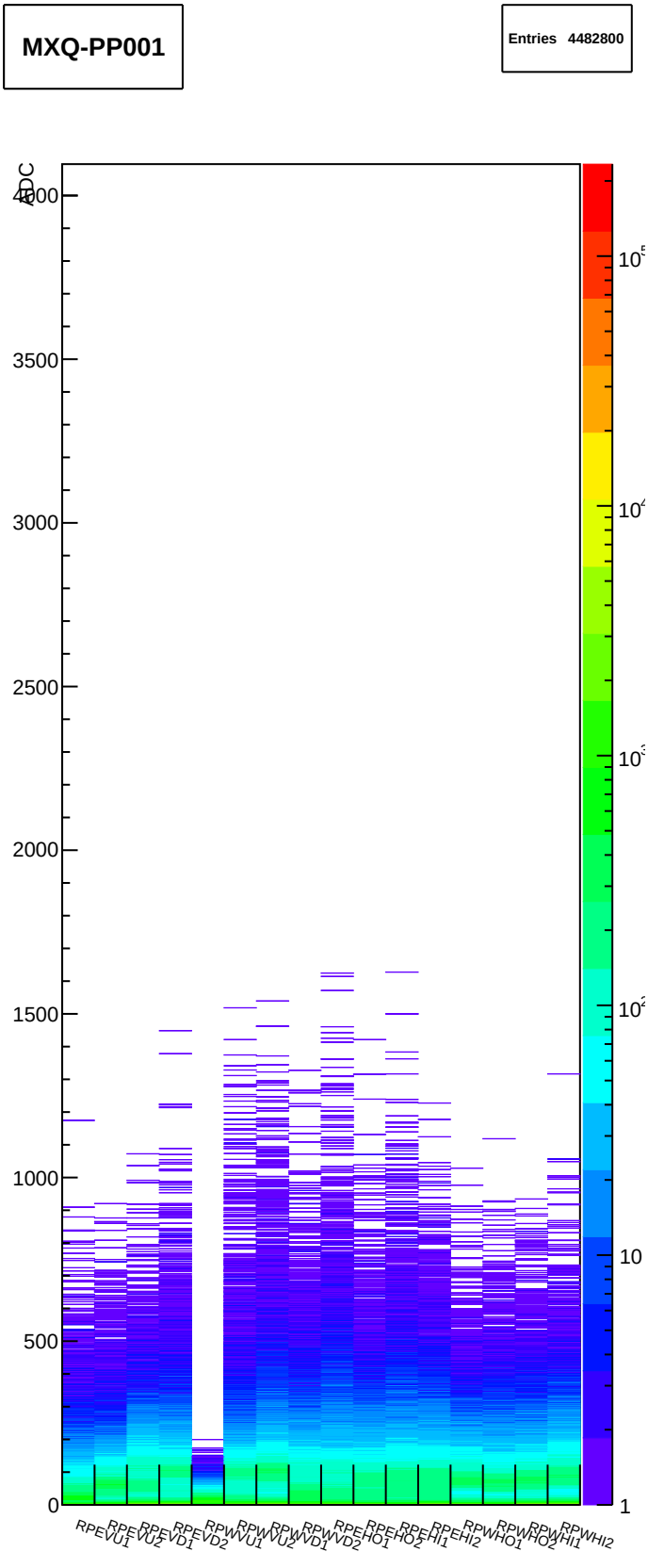

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 560350
TAC sum
1st-Best
2nd-Best
ID

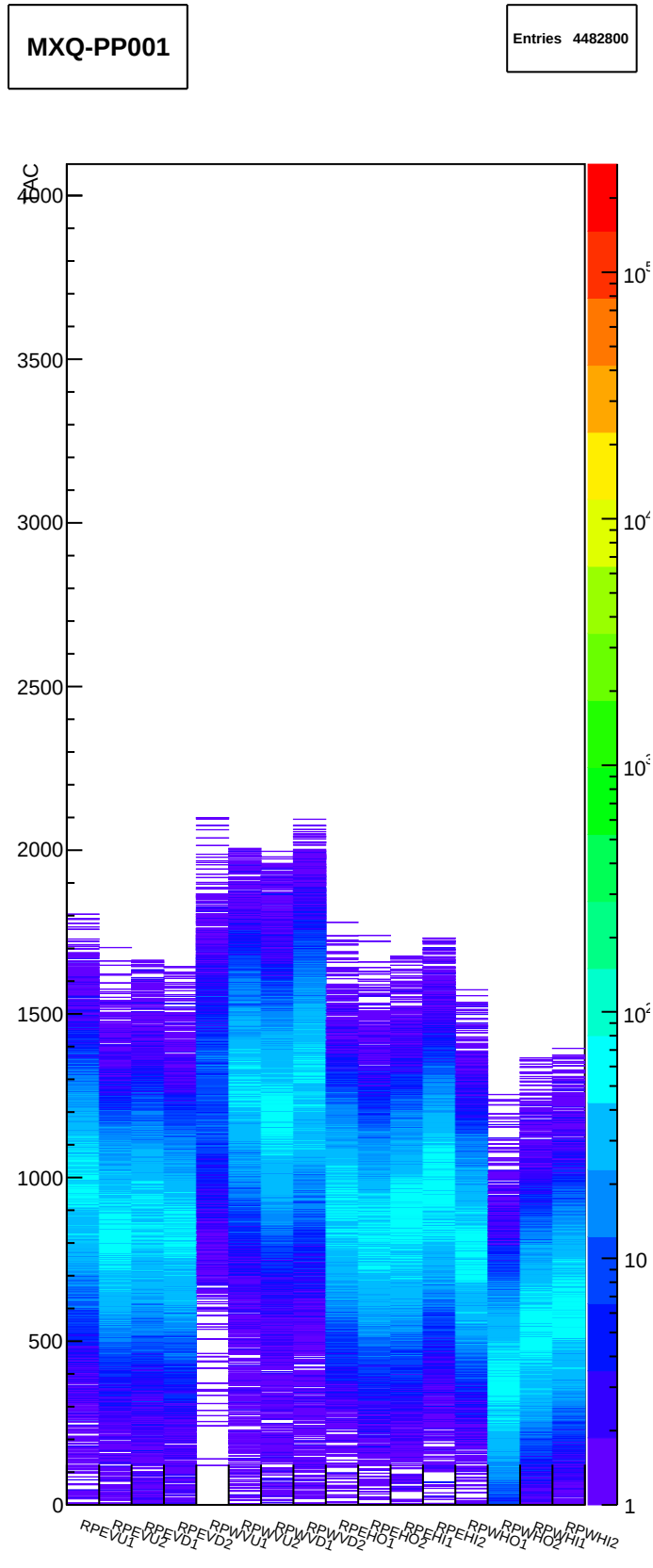

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 560350
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 560350
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: VP003 Max TAC
Entries 280175


MIX-MT101 Input: VP004 Max TAC
Entries 280175


MXQ-PP001
Entries 4482800
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1


MXQ-PP001
Entries 4482800
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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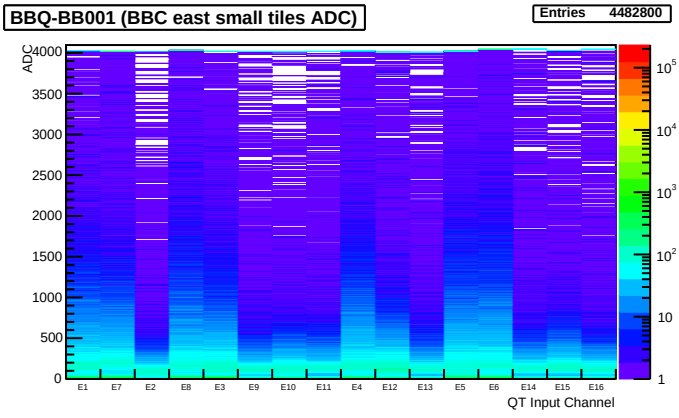
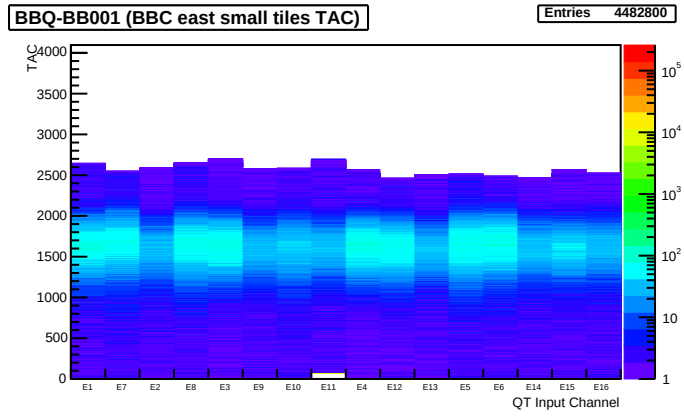
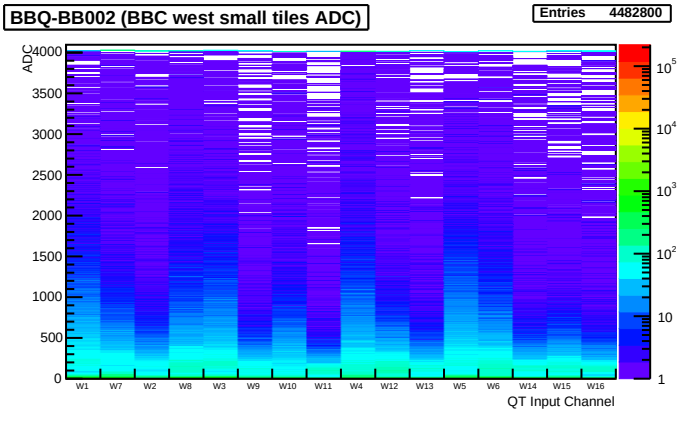
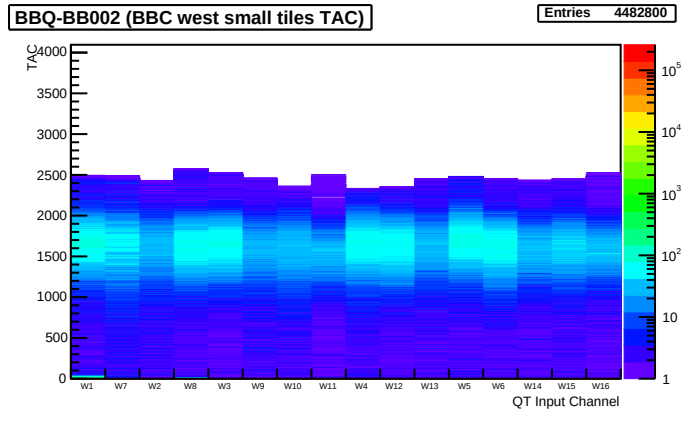
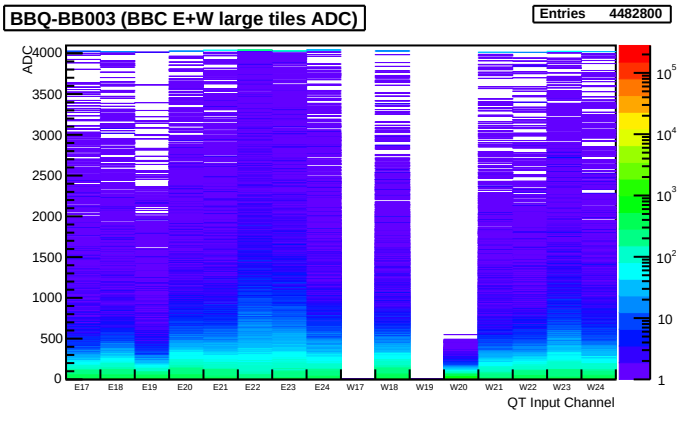
RPWHO2
RPWHI1
RPWHI2
10
1

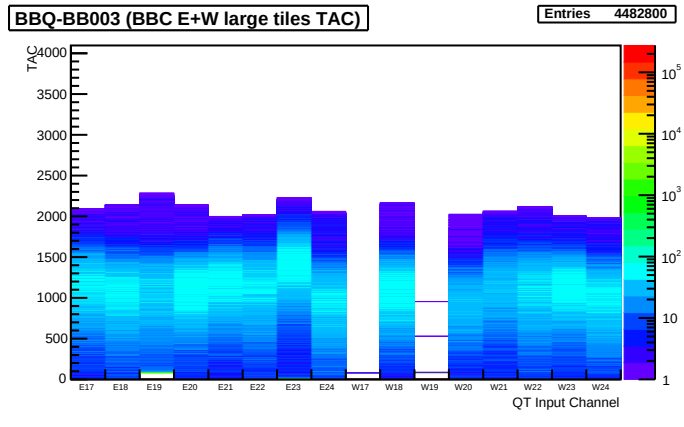

BBQ-BB001 (BBC east small tiles ADC)
Entries 4482800
ADC
QT Input Channel

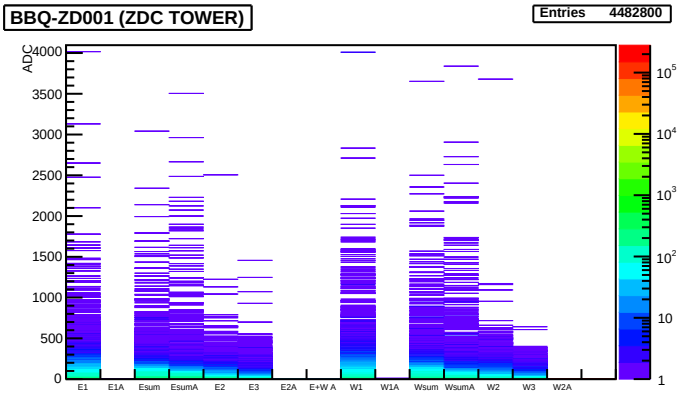

BBQ-BB001 (BBC east small tiles TAC)
Entries 4482800
TAC
QT Input Channel

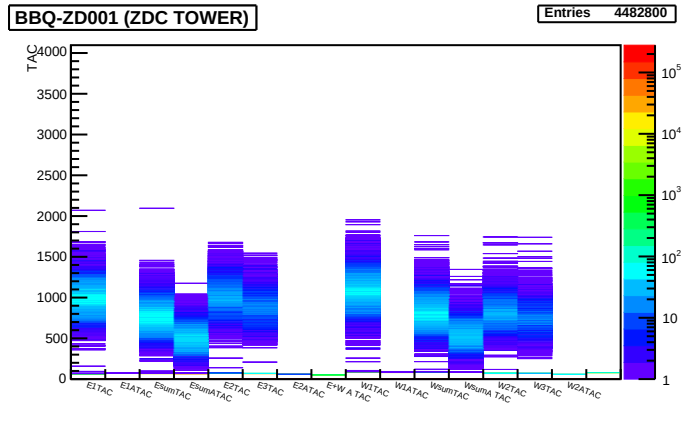

BBQ-BB002 (BBC west small tiles ADC)
Entries 4482800
ADC
QT Input Channel

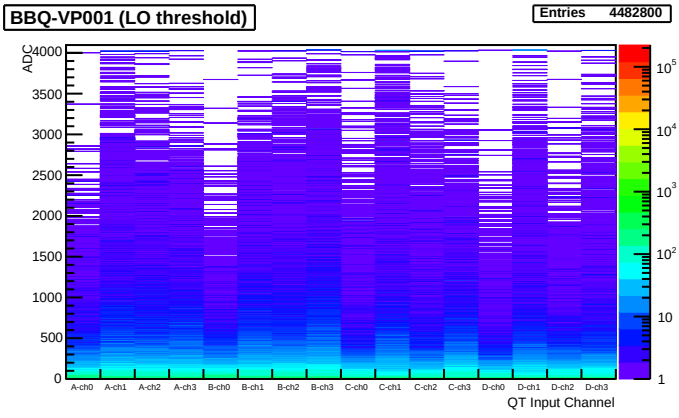

BBQ-BB002 (BBC west small tiles TAC)
Entries 4482800
TAC
QT Input Channel

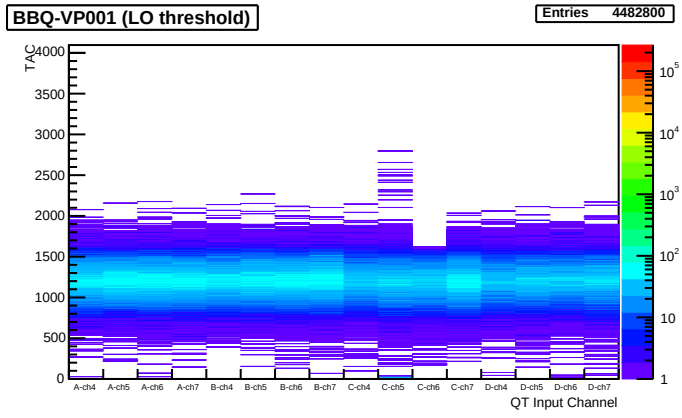

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 4482800
ADC
QT Input Channel

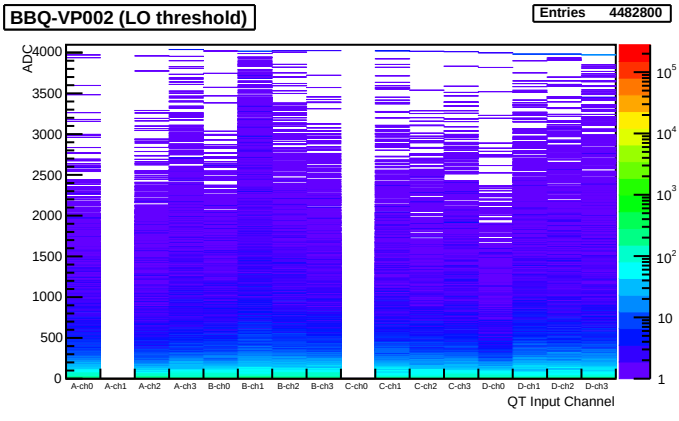

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 4482800
TAC
QT Input Channel

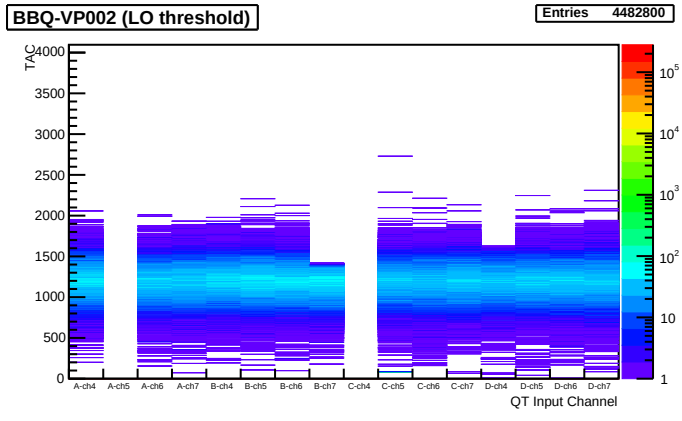

BBQ-ZD001 (ZDC TOWER)
Entries 4482800
ADC

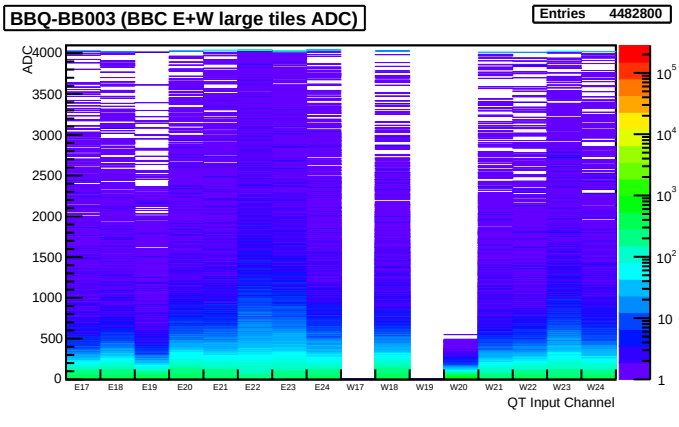

BBQ-ZD001 (ZDC TOWER)
Entries 4482800
TAC

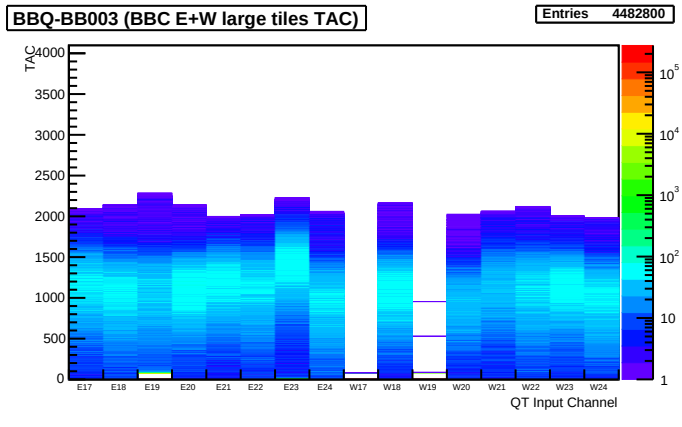

BBQ-VP001 (LO threshold)
Entries 4482800
ADC
QT Input Channel

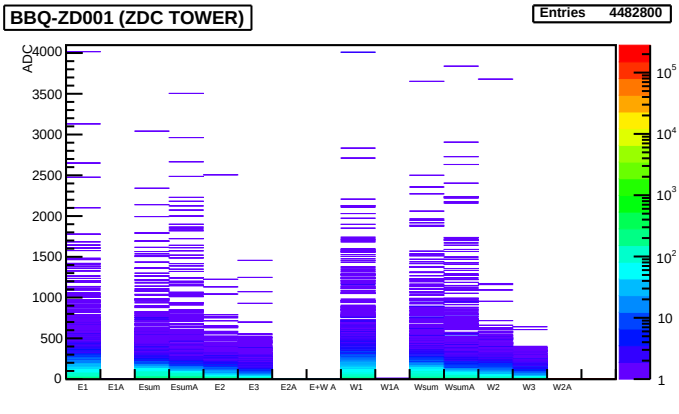

BBQ-VP001 (LO threshold)
Entries 4482800
TAC
QT Input Channel

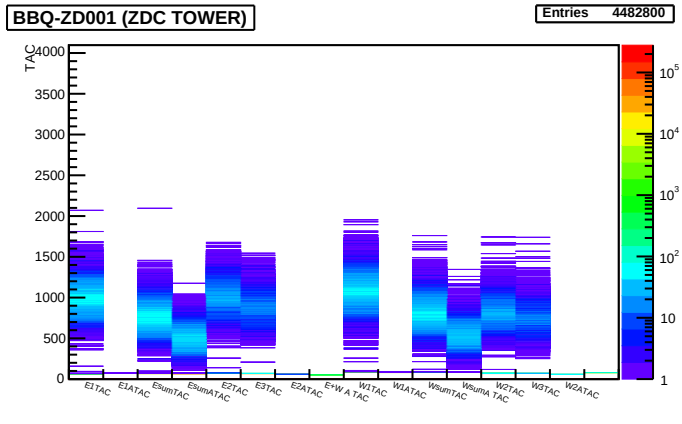

BBQ-VP002 (LO threshold)
Entries 4482800
ADC
QT Input Channel

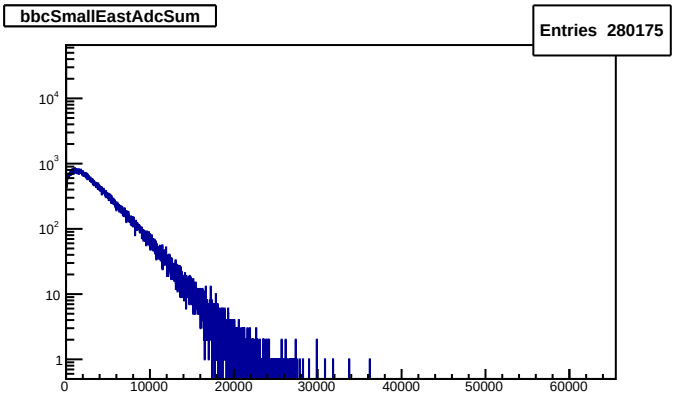

BBQ-VP002 (LO threshold)
Entries 4482800
TAC
QT Input Channel

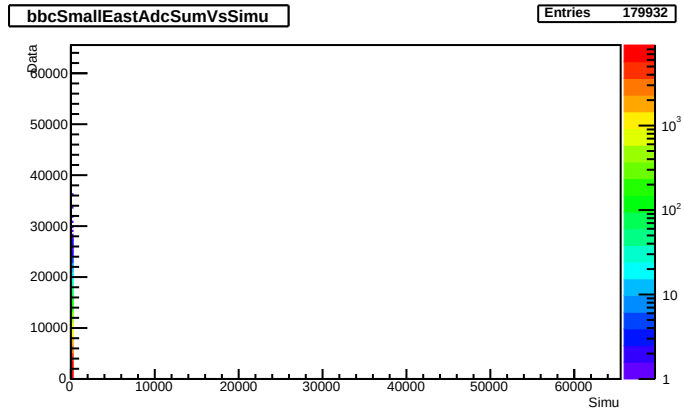

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 4482800
ADC
QT Input Channel

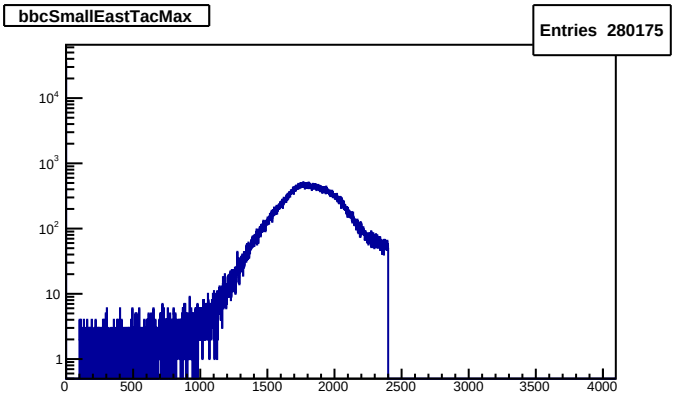

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 4482800
TAC
QT Input Channel

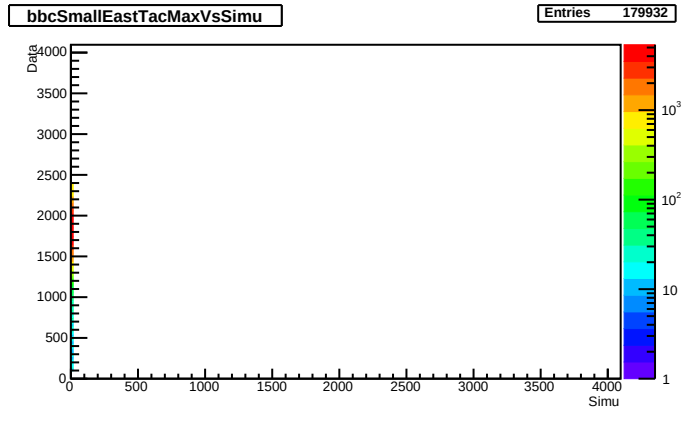

BBQ-ZD001 (ZDC TOWER)
Entries 4482800
ADC

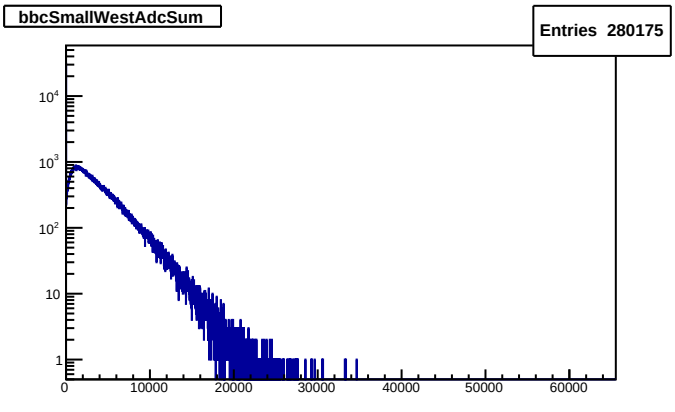

BBQ-ZD001 (ZDC TOWER)
Entries 4482800
TAC

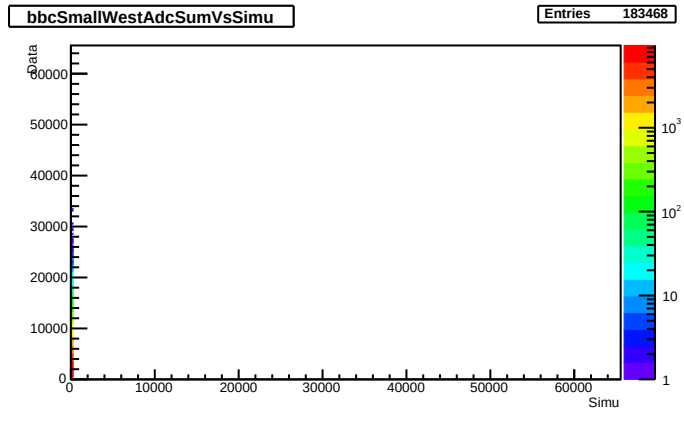

bbcSmallEastAdcSum
Entries 280175

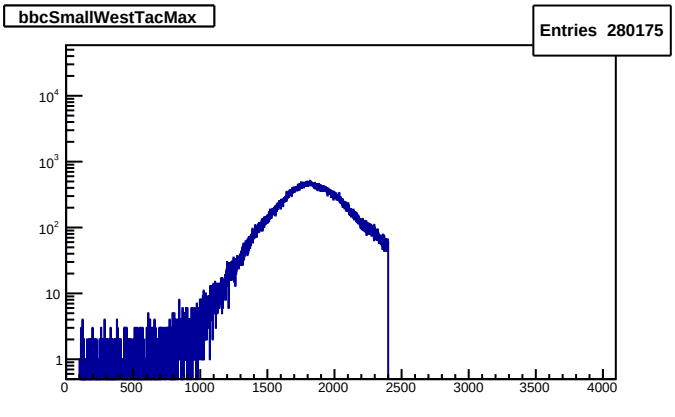

bbcSmallEastAdcSumVsSimu
Entries 179932
Data
Simu

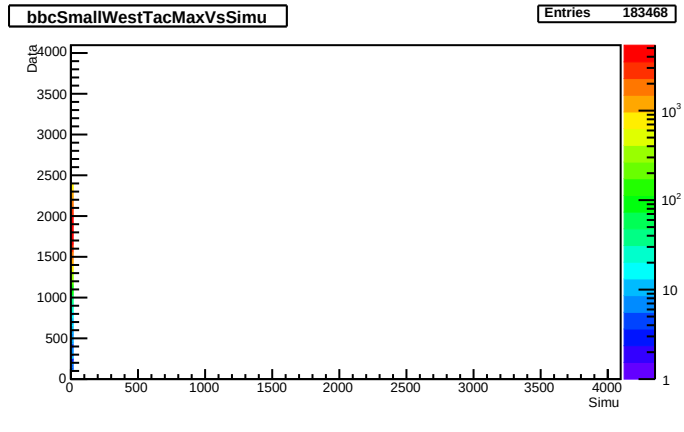

bbcSmallEastTacMax
Entries 280175

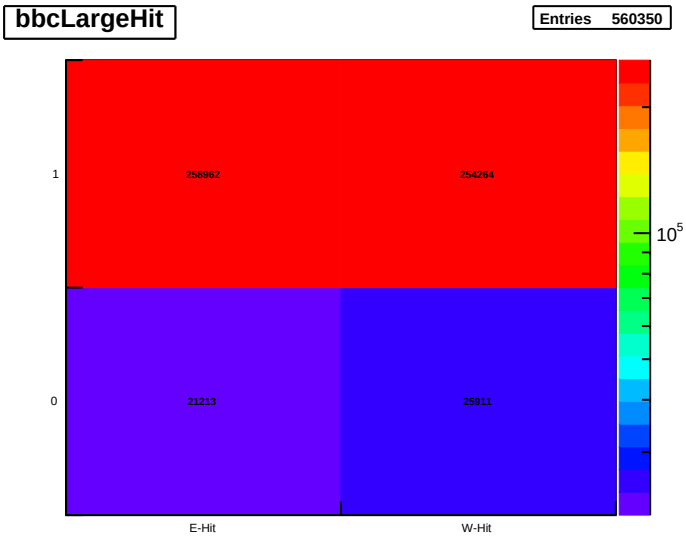

bbcSmallEastTacMaxVsSimu
Entries 179932
Data
Simu

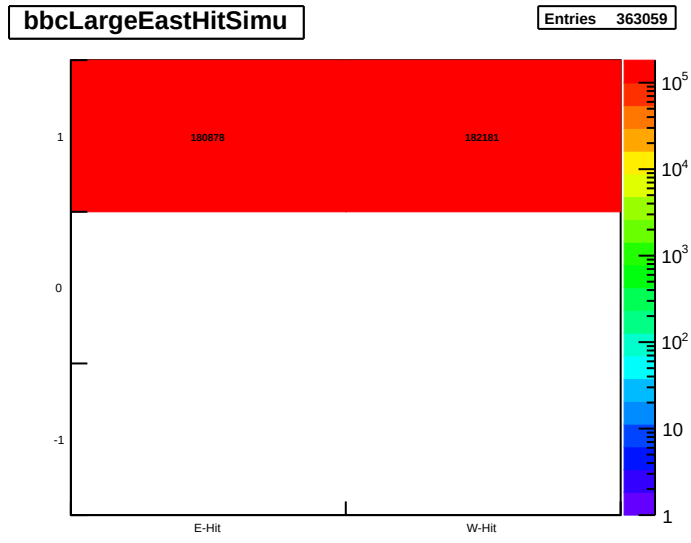

bbcSmallWestAdcSum
Entries 280175

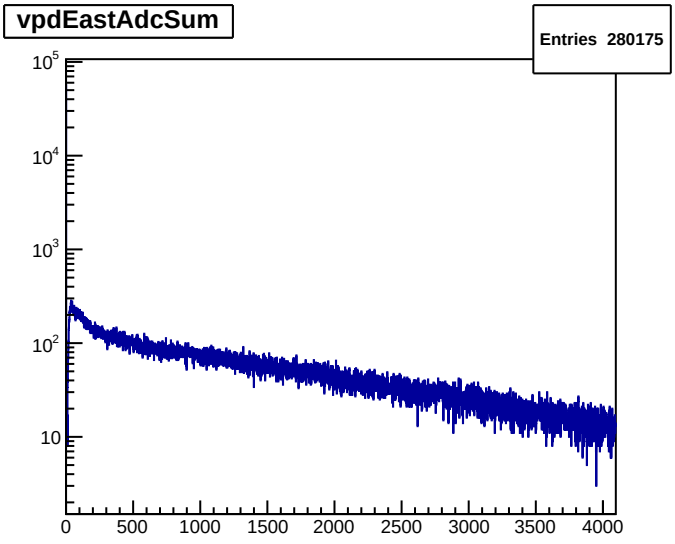

bbcSmallWestAdcSumVsSimu
Entries 183468
Data
Simu

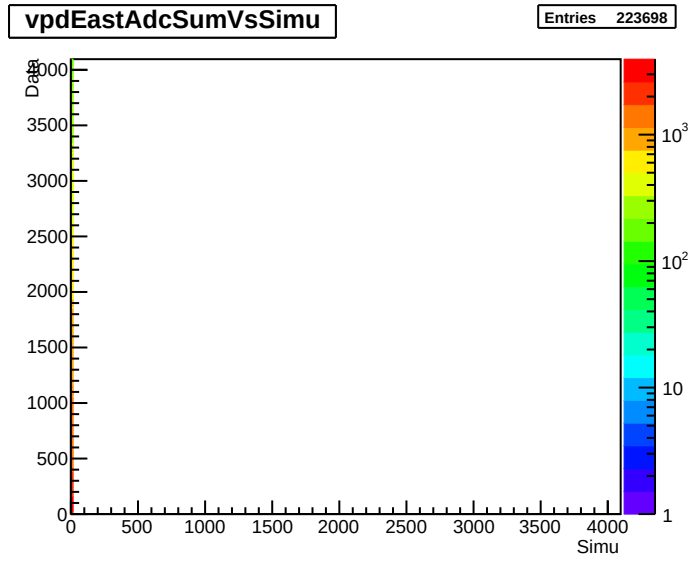

bbcSmallWestTacMax
Entries 280175

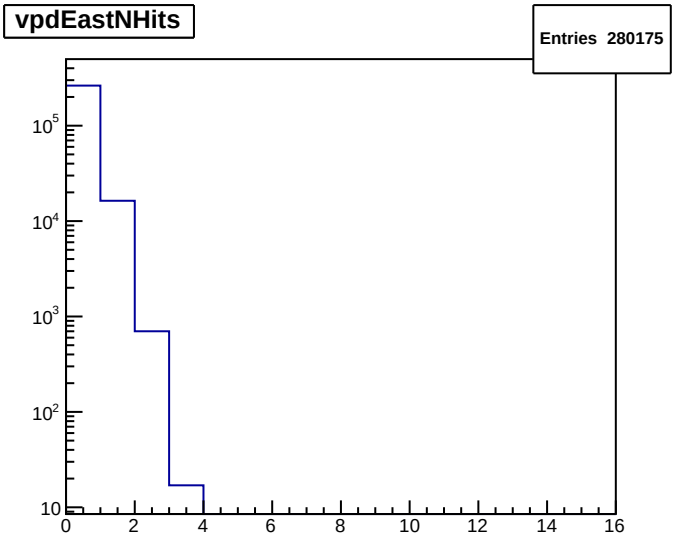

bbcSmallWestTacMaxVsSimu
Entries 183468
Data
Simu

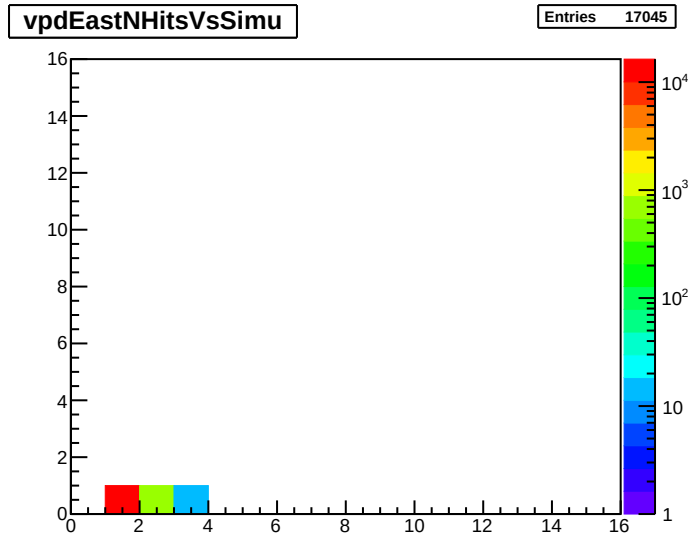

bbcLargeHit
Entries 560350
1
0
258962
254264
21213
25011
E-Hit
W-Hit
10^5

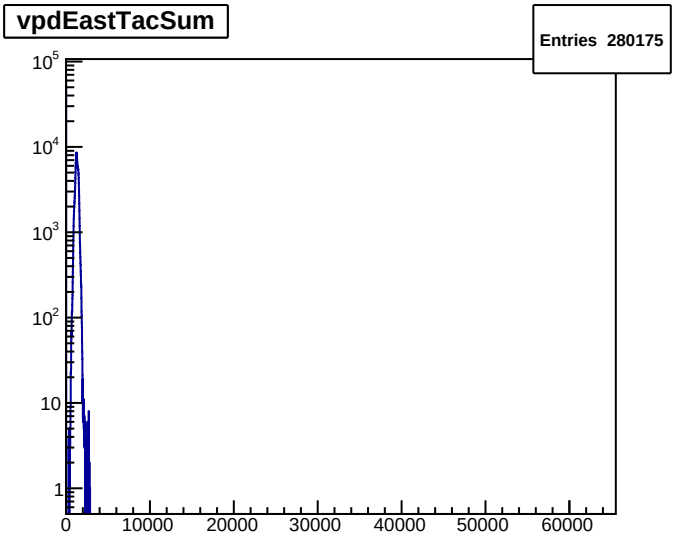

bbcLargeEastHitSimu
Entries 363059
1
0
-1
180878
182181
E-Hit
W-Hit
10^5
10^4
10^3
10^2
10
1

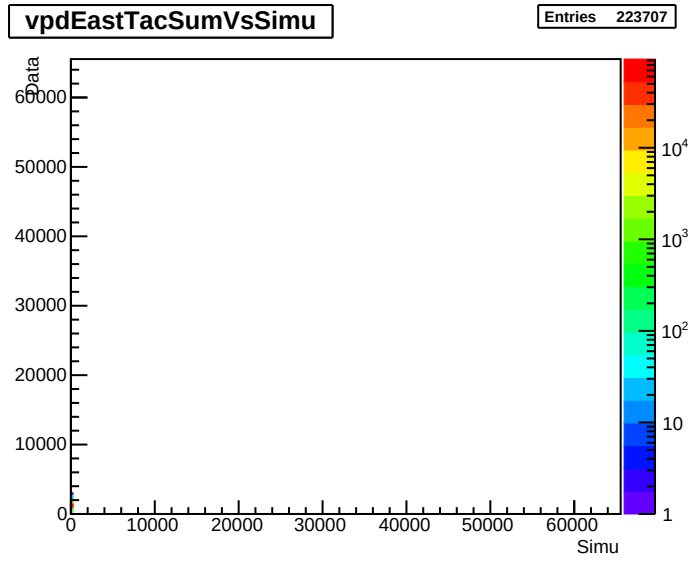

vpdEastAdcSum
Entries 280175

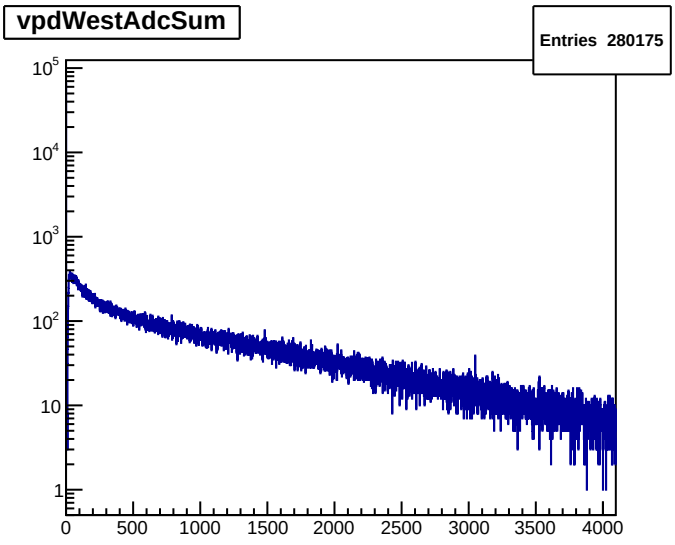

vpdEastAdcSumVsSimu
Entries 223698
Data
Simu

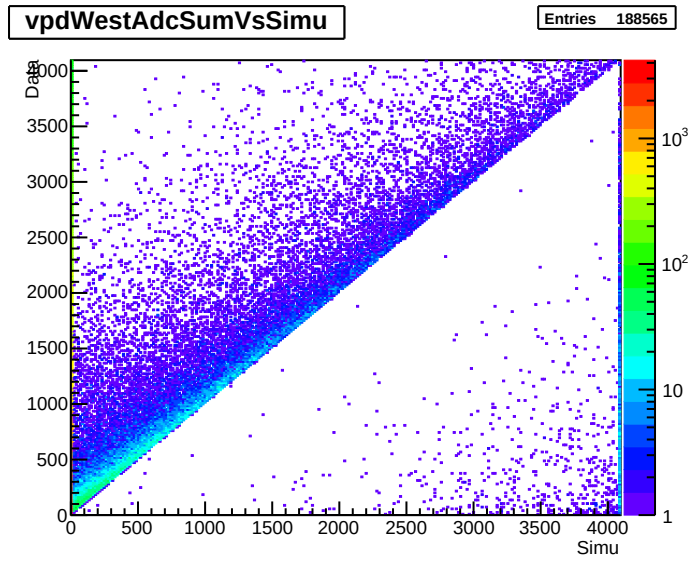

vpdEastNHits
Entries 280175

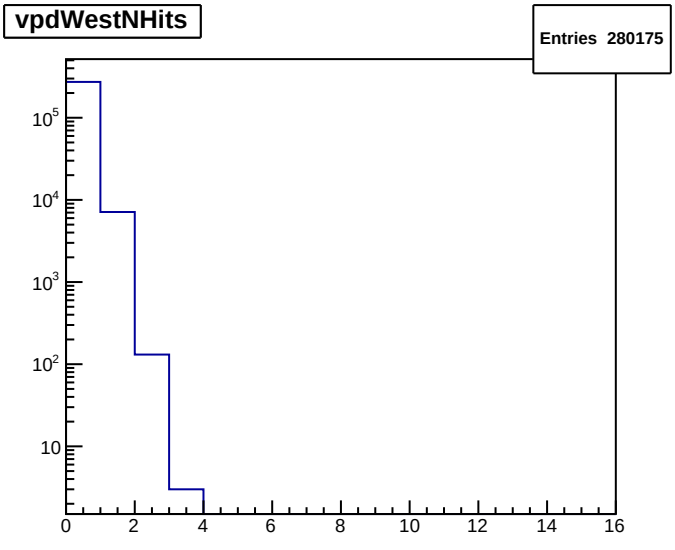

vpdEastNHitsVsSimu
Entries 17045

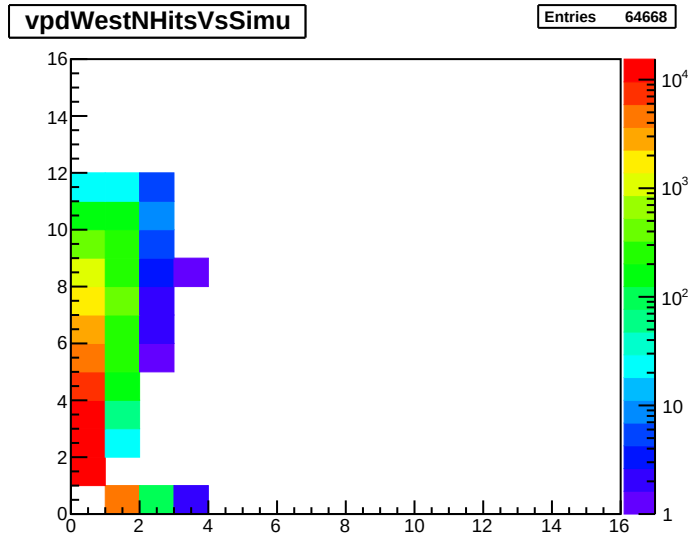

vpdEastTacSum
Entries 280175

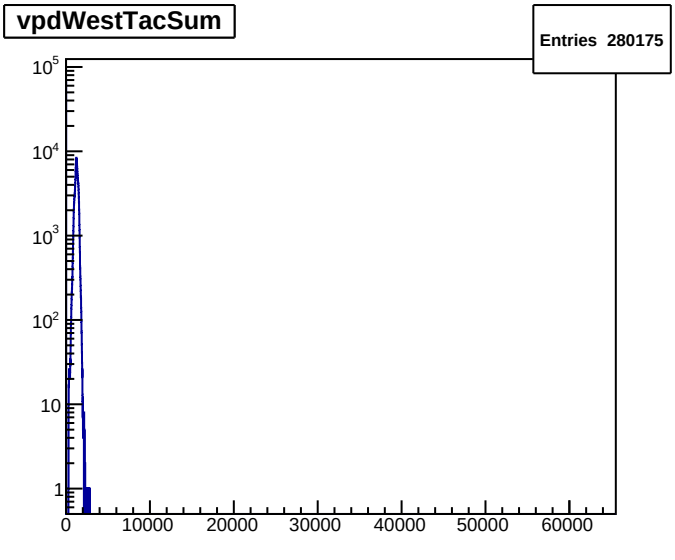

vpdEastTacSumVsSimu
Entries 223707
Data
Simu

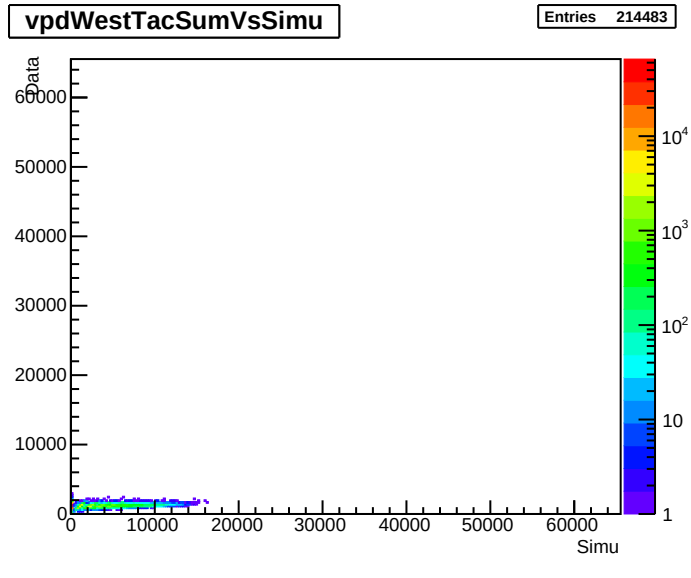

vpdWestAdcSum
Entries 280175

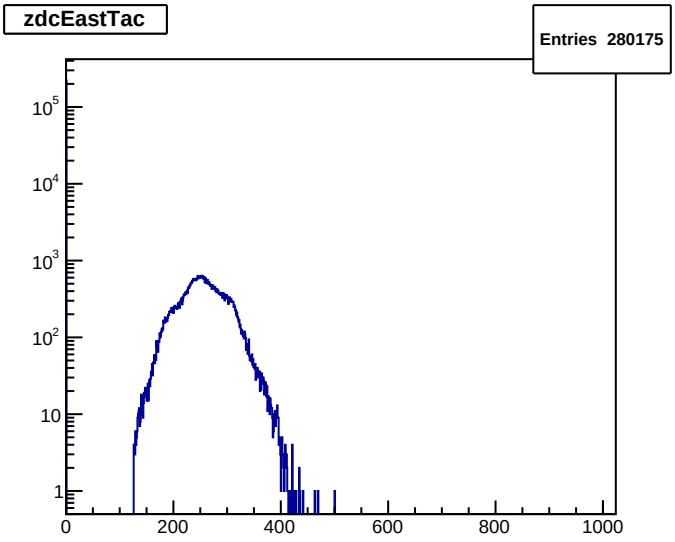

vpdWestAdcSumVsSimu
Entries 188565
Data
Simu

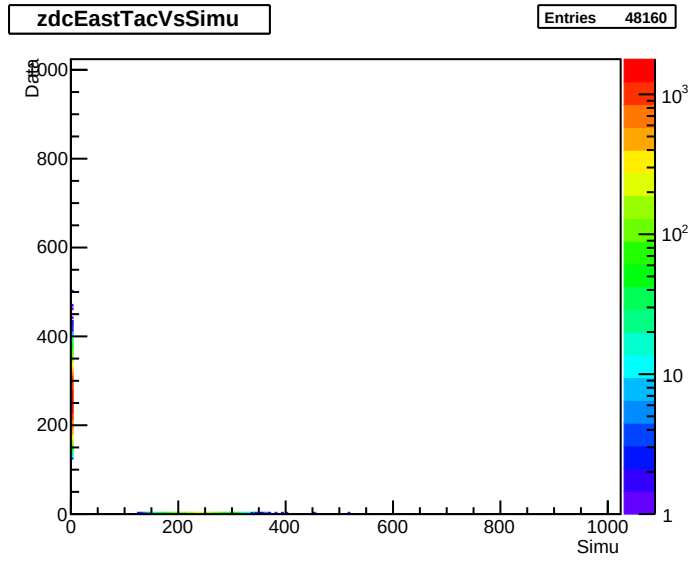

vpdWestNHits
Entries 280175

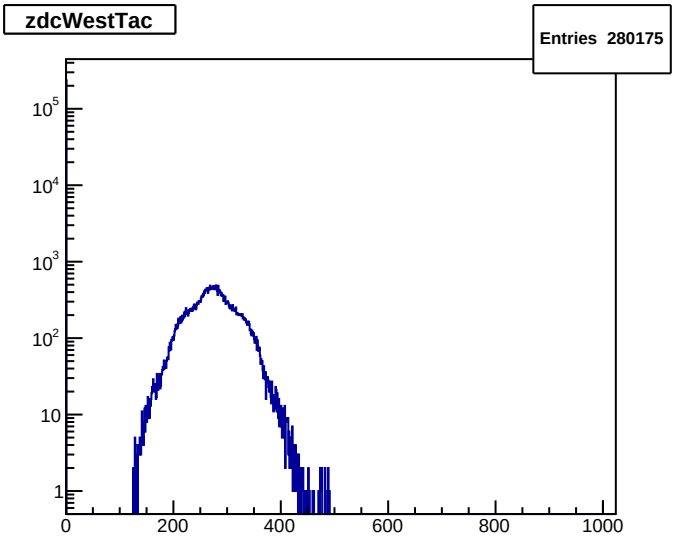

vpdWestNHitsVsSimu
Entries 64668

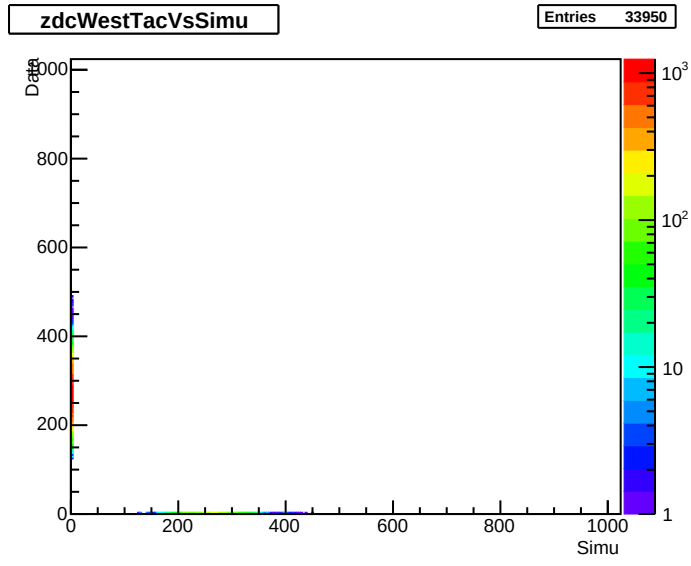

vpdWestTacSum
Entries 280175

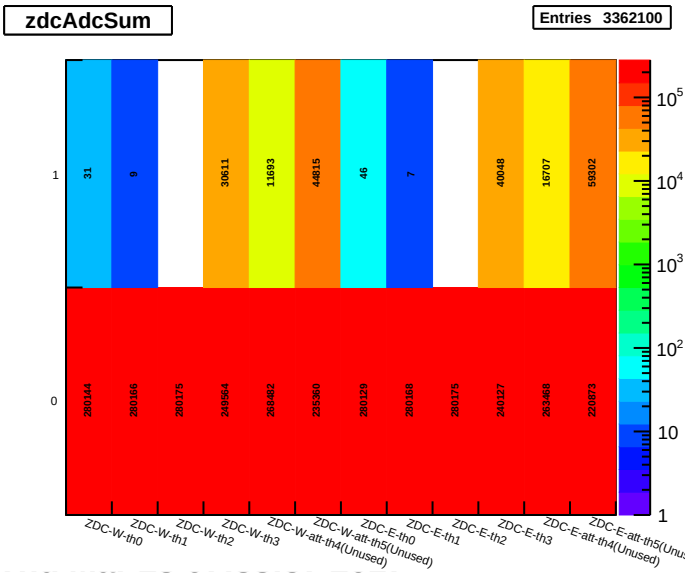

vpdWestTacSumVsSimu
Entries 214483
Data
Simu

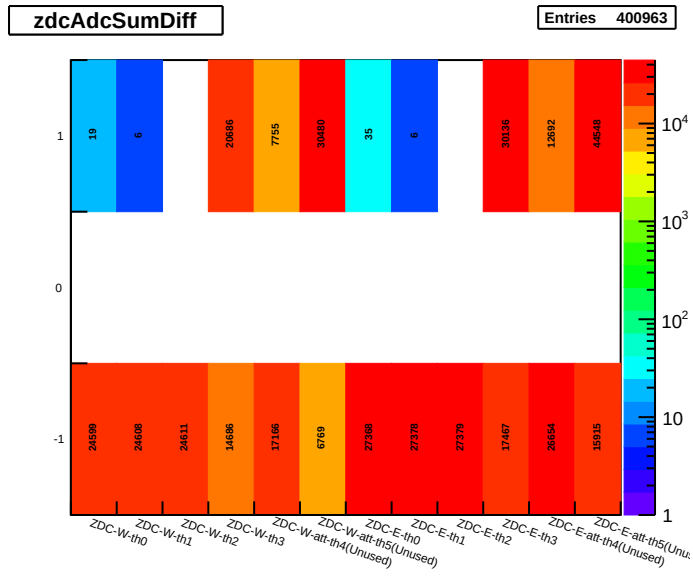

zdcEastTac
Entries 280175

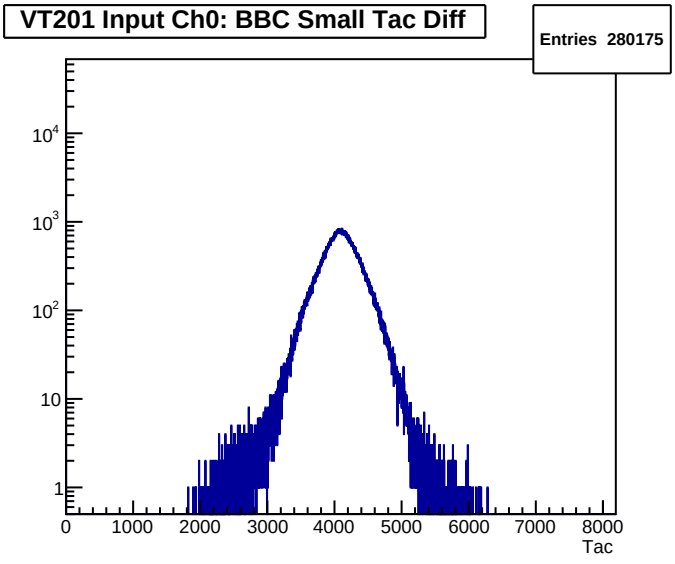

zdcEastTacVsSimu
Entries 48160
Data
Simu

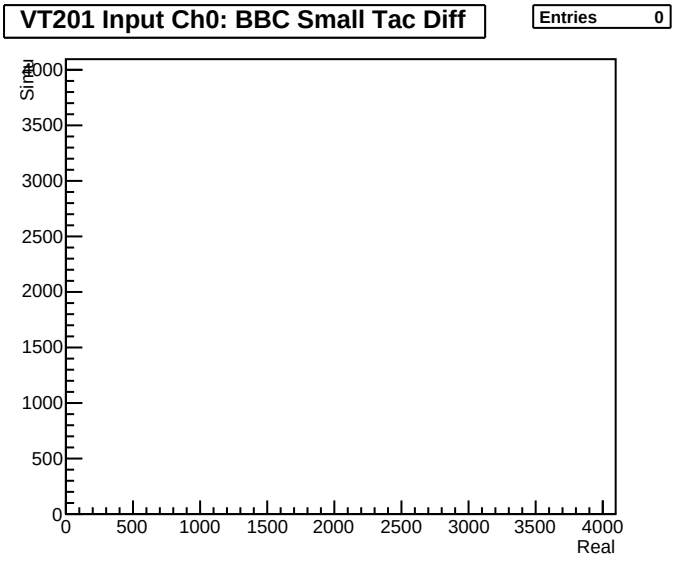

zdcWestTac
Entries 280175

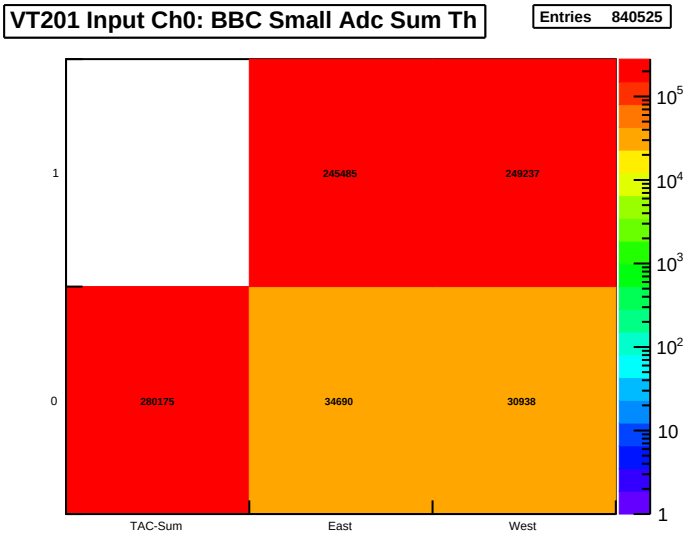

zdcWestTacVsSimu
Entries 33950
Data
Simu

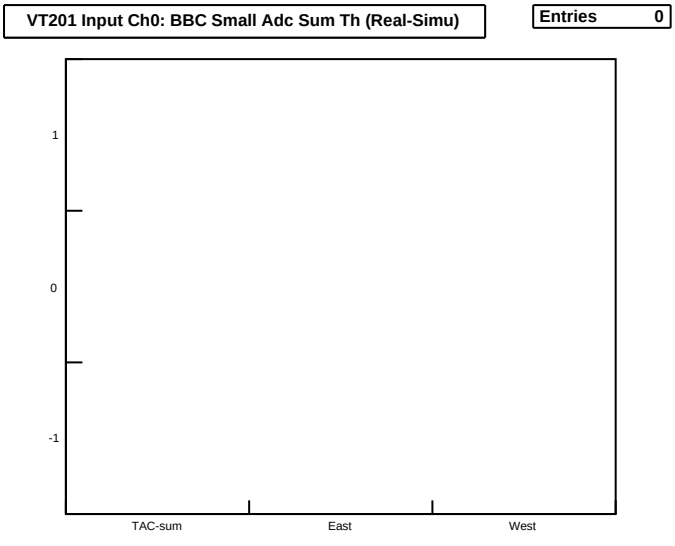

zdcAdcSum
Entries 3362100
31
9
30611
11693
44815
46
7
40048
16707
59302
280144
280166
280175
249564
268482
225360
280129
280168
280175
240127
263468
220873
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

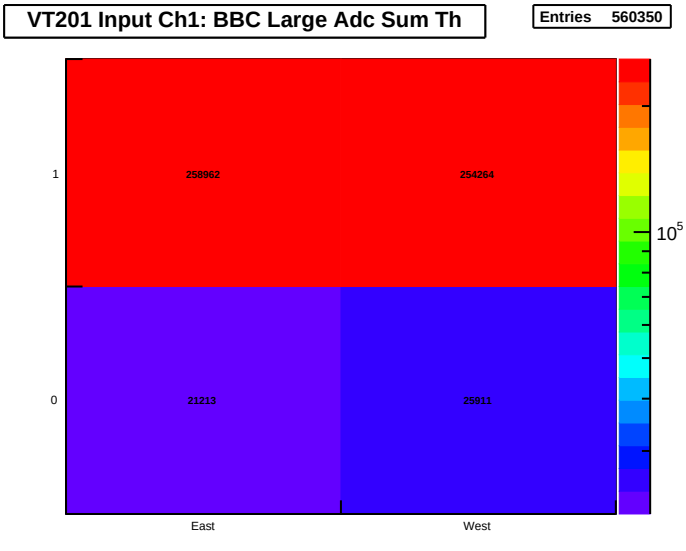

zdcAdcSumDiff
Entries 400963
19
6
20686
7755
30480
35
6
30136
12692
4548
24599
24608
24611
14686
17166
6769
27368
27378
27379
17467
26654
15915
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

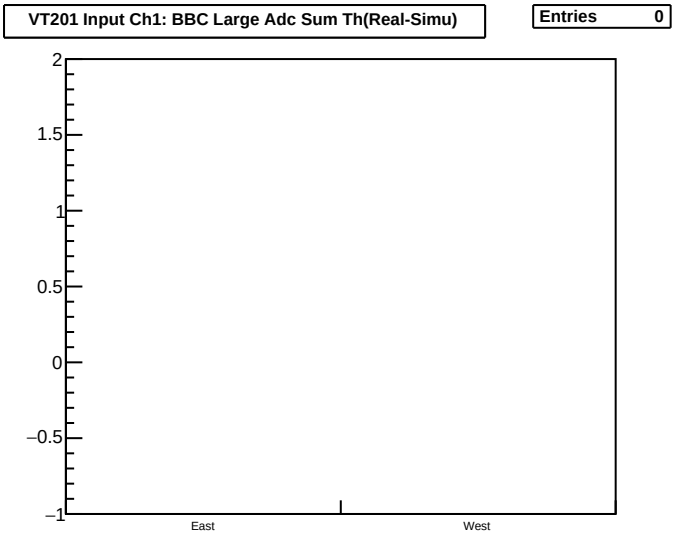

VT201 Input Ch0: BBC Small Tac Diff
Entries 280175
Tac


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

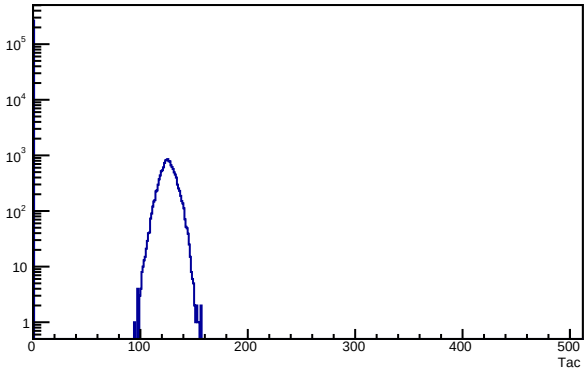

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 840525
245485
249237
280175
34690
30938
TAC-Sum
East
West


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

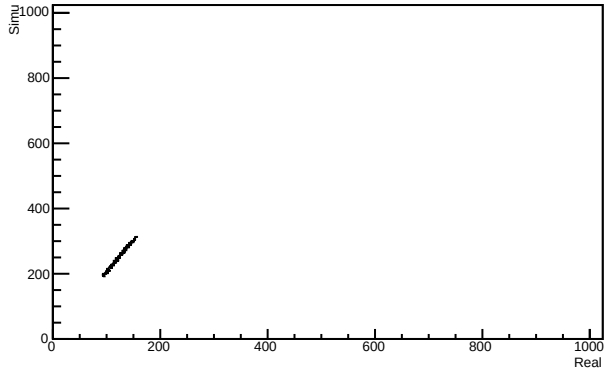

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 560350
258962
254264
21213
25911
East
West


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

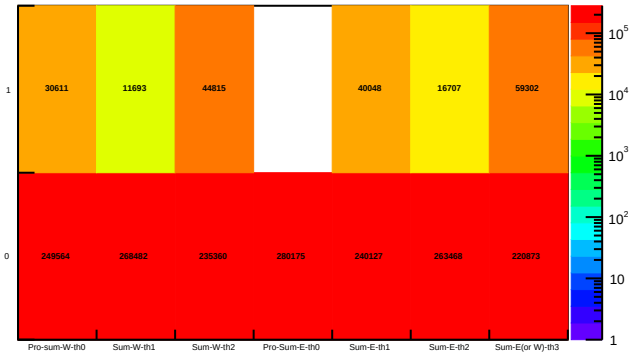
VT201 Input Ch2: ZDC Tac Diff



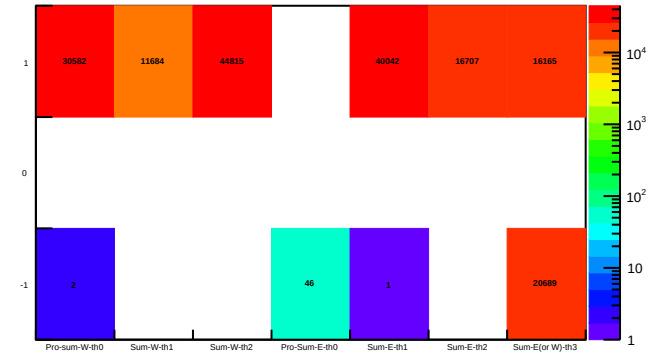
VT201 Input Ch2: ZDC Tac Diff



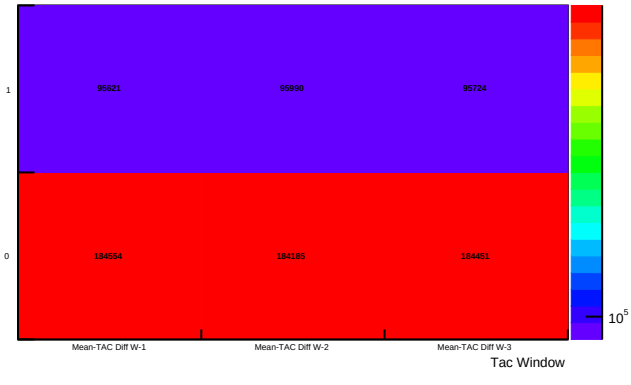
VT201 Input Ch2: ZDC Adc Sum Th



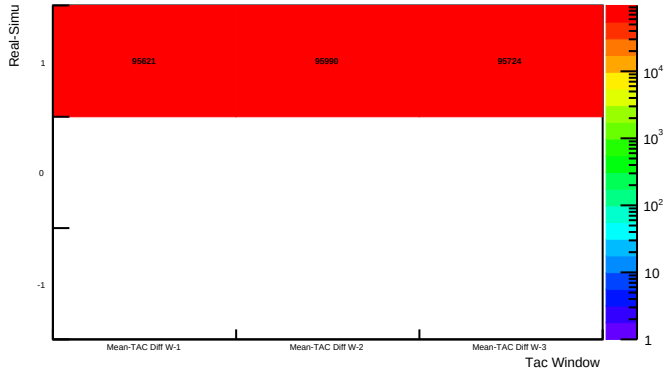
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



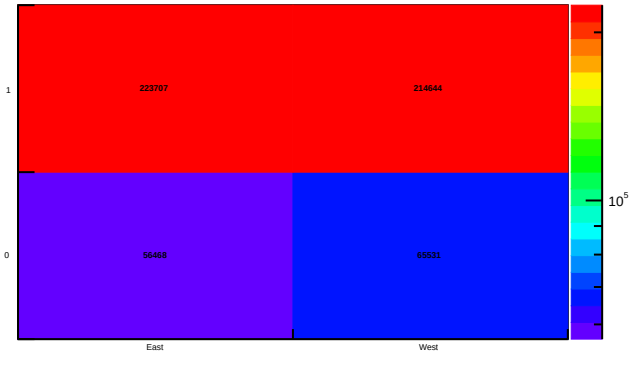
VT201 Input Ch4: VPD Tac Diff



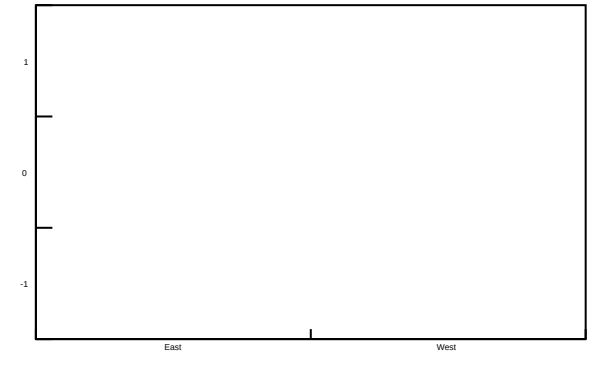
VT201 Input Ch4: VPD Tac Diff

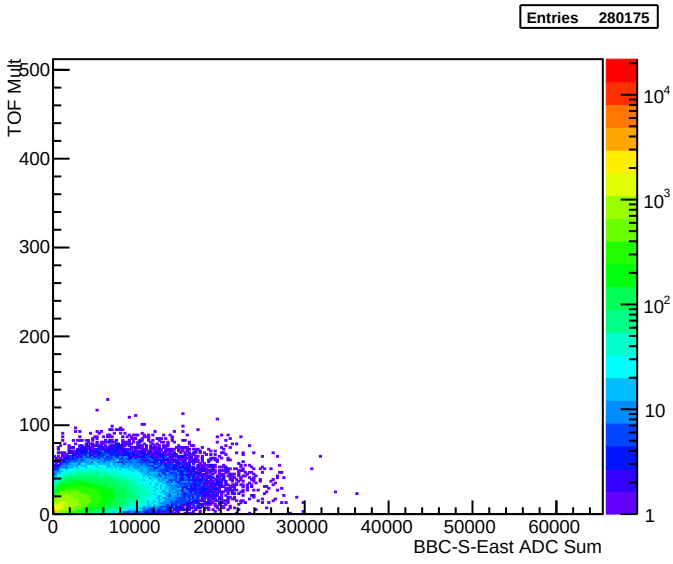


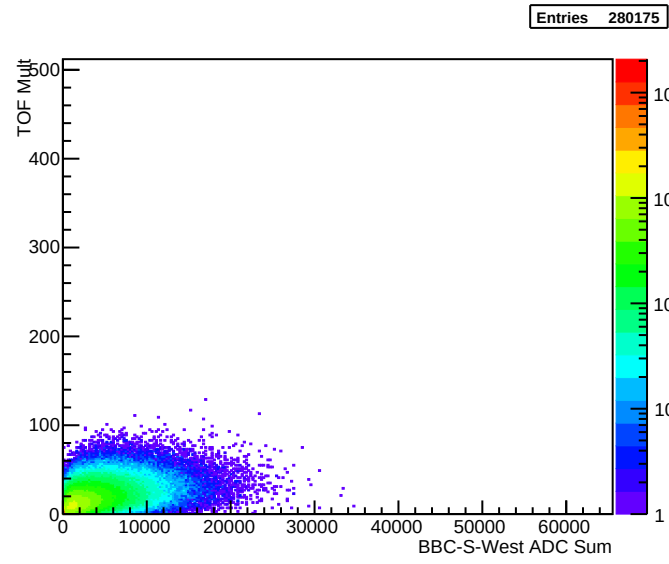
VT201 Input Ch4: VPD Adc Sum Th

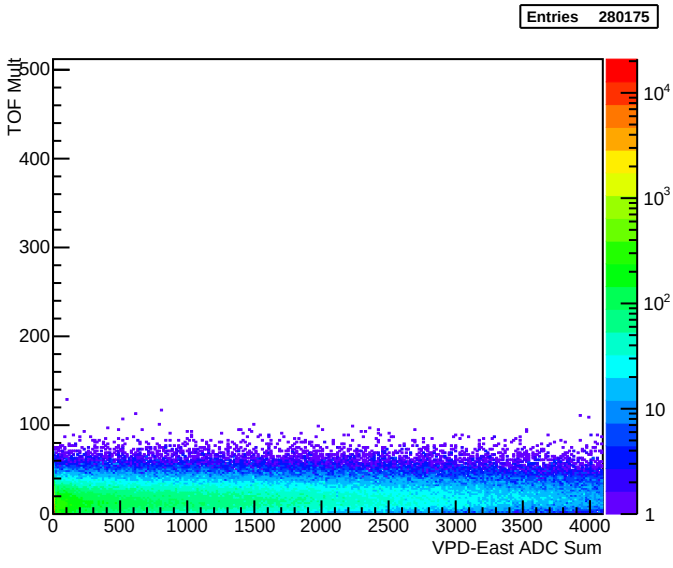


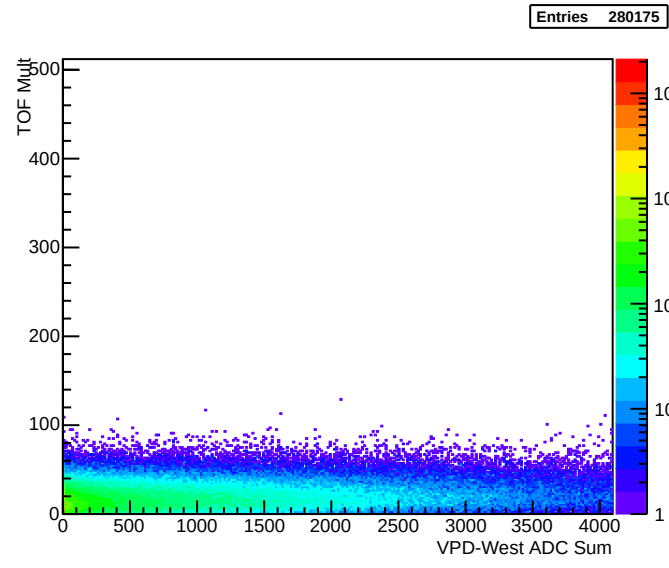
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

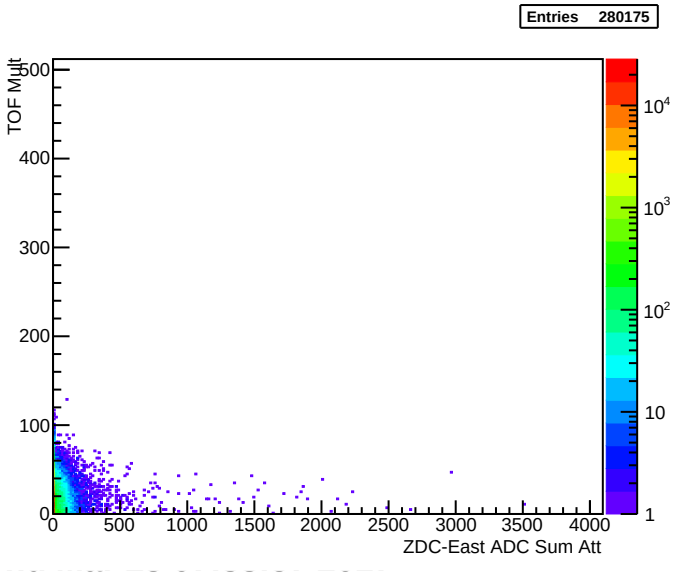


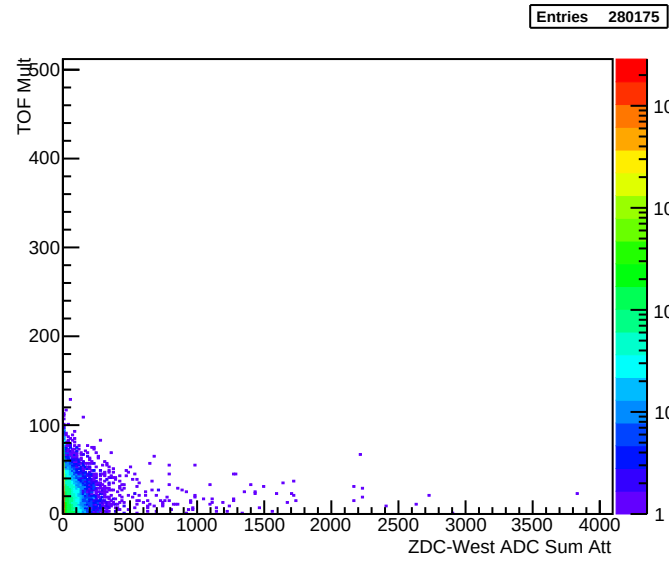

Entries 280175
TOF Mult
BBC-S-East ADC Sum

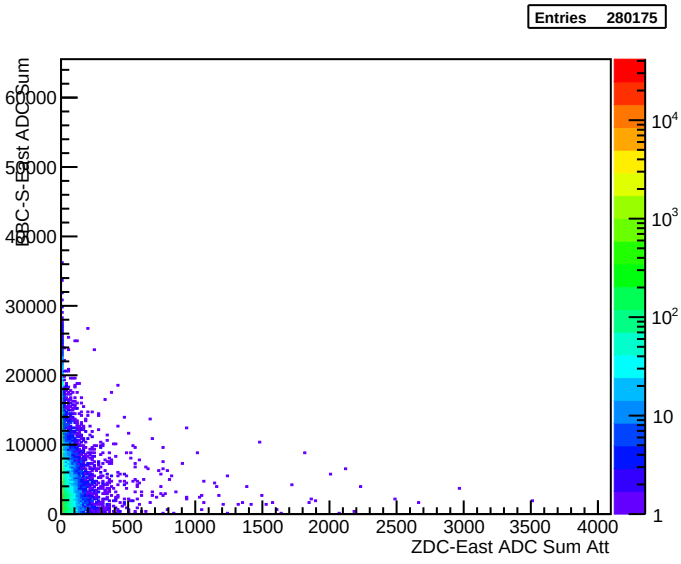

Entries 280175
TOF Mult
BBC-S-West ADC Sum

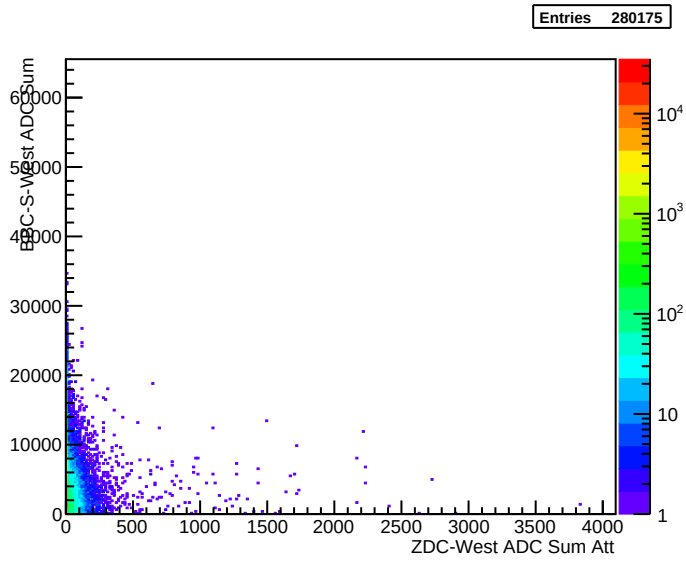

Entries 280175
TOF Mult
VPD-East ADC Sum

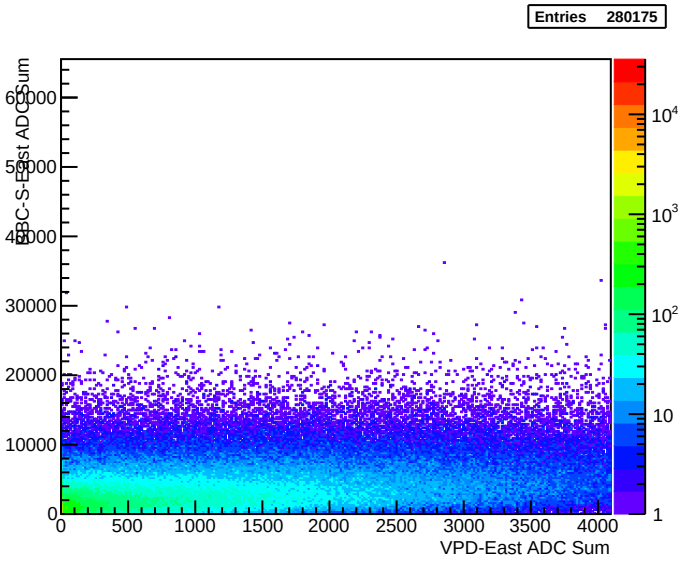

Entries 280175
TOF Mult
VPD-West ADC Sum

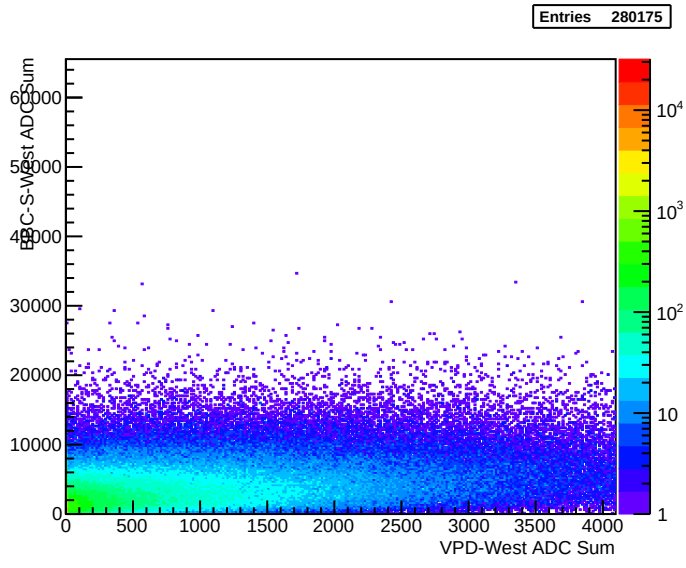

Entries 280175
TOF Mult
ZDC-East ADC Sum Att

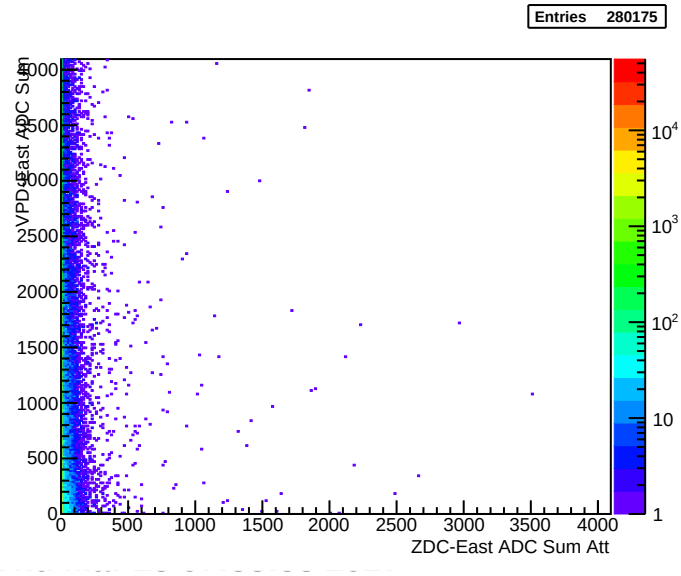

Entries 280175
TOF Mult
ZDC-West ADC Sum Att

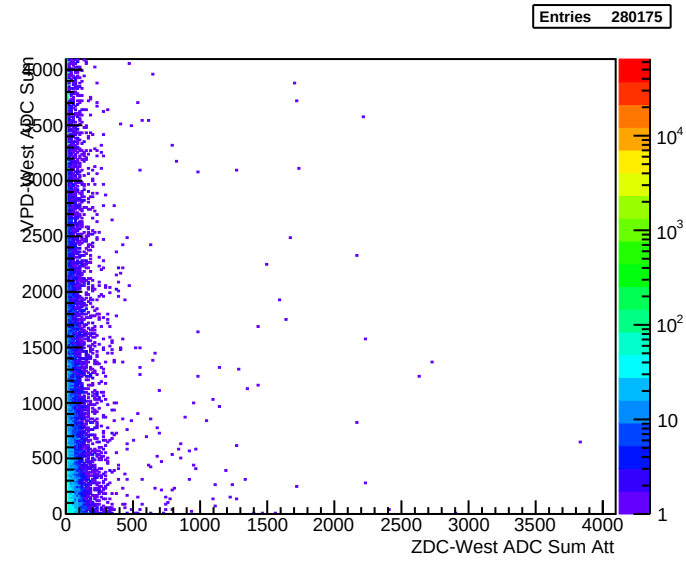

Entries 280175
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

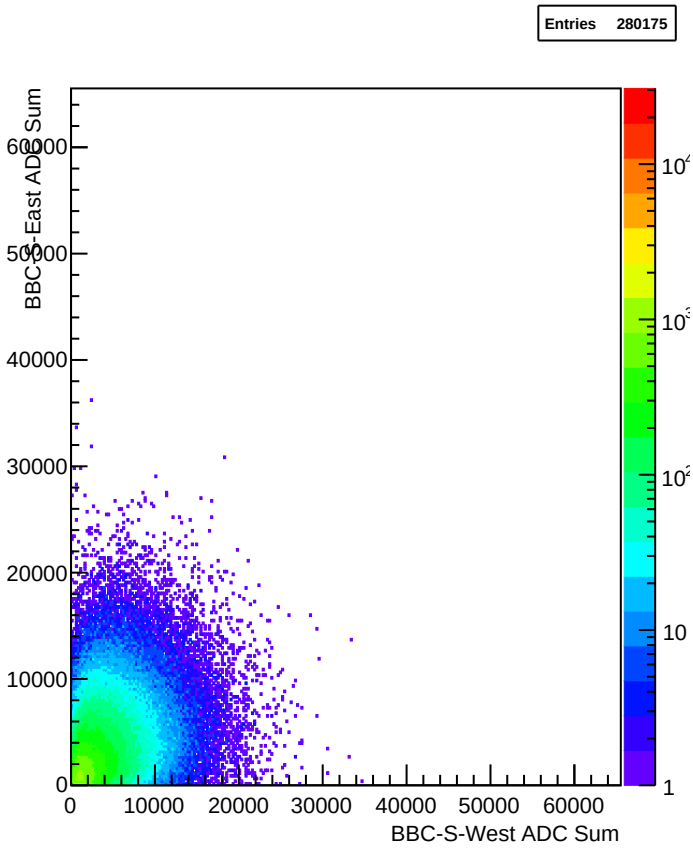

Entries 280175
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

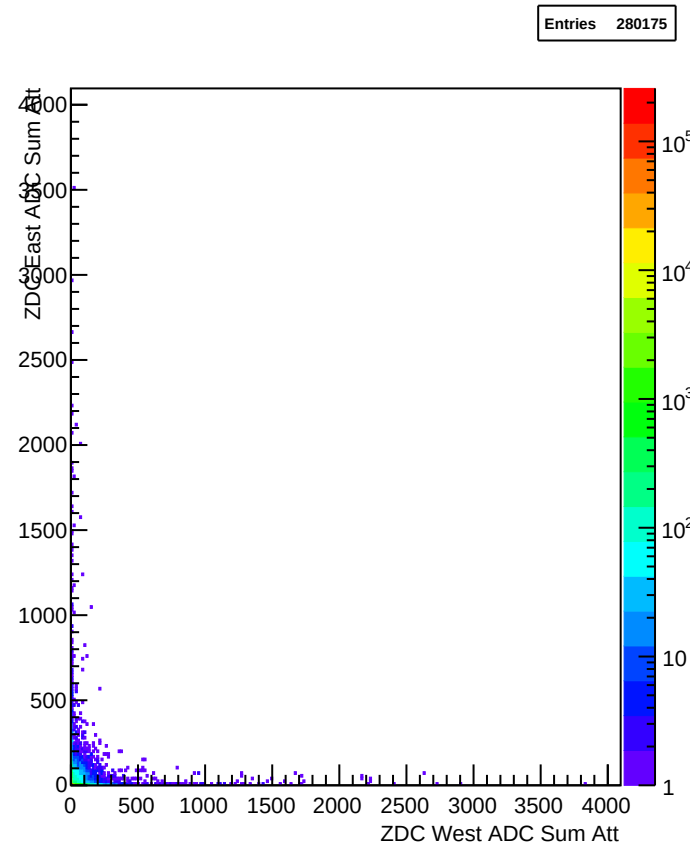

Entries 280175
BBC-S-East ADC Sum
VPD-East ADC Sum

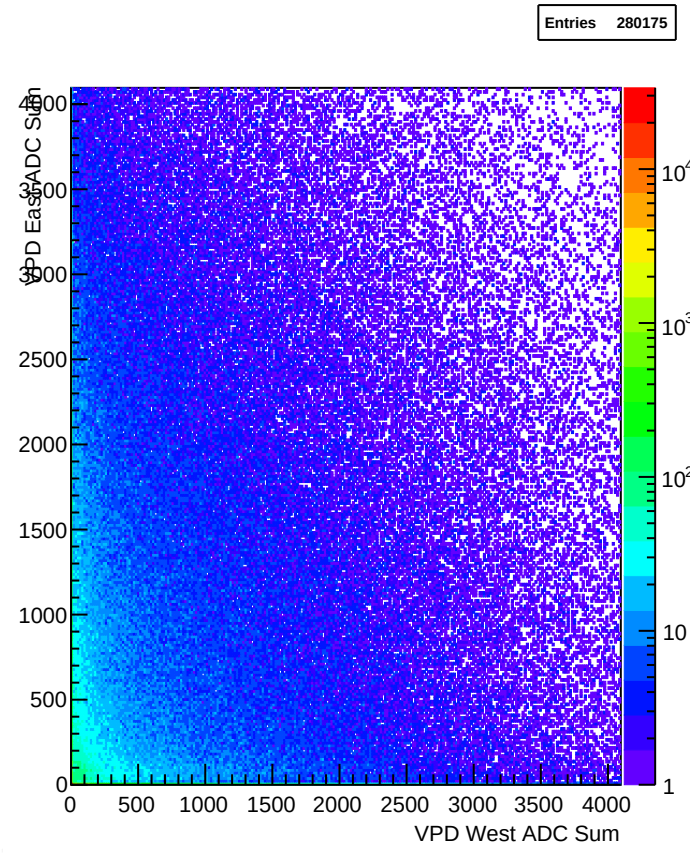

Entries 280175
BBC-S-West ADC Sum
VPD-West ADC Sum

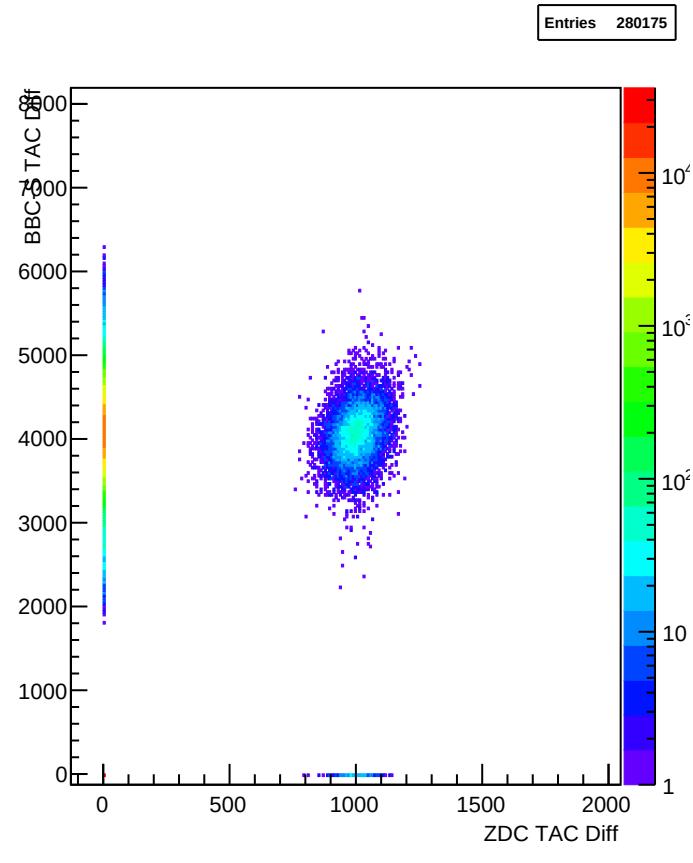

Entries 280175
VPD-East ADC Sum
ZDC-East ADC Sum Att

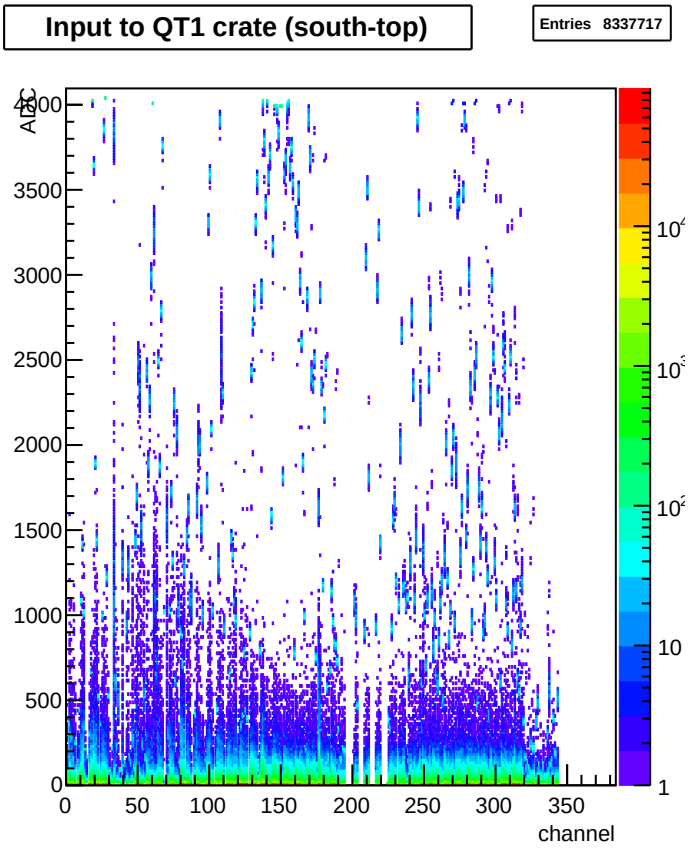

Entries 280175
VPD-West ADC Sum
ZDC-West ADC Sum Att

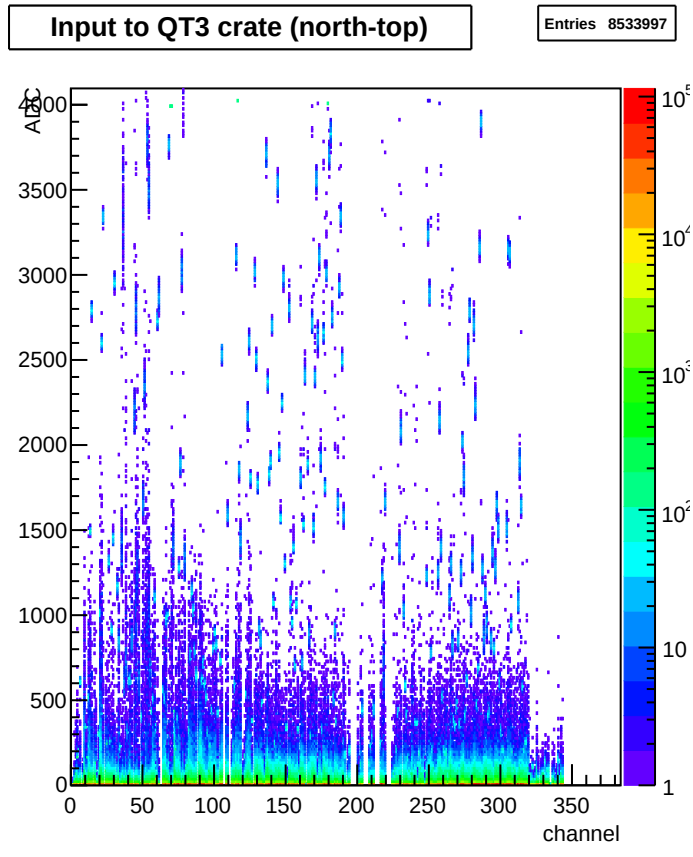

Entries 280175
BBC-S-East ADC Sum
BBC-S-West ADC Sum

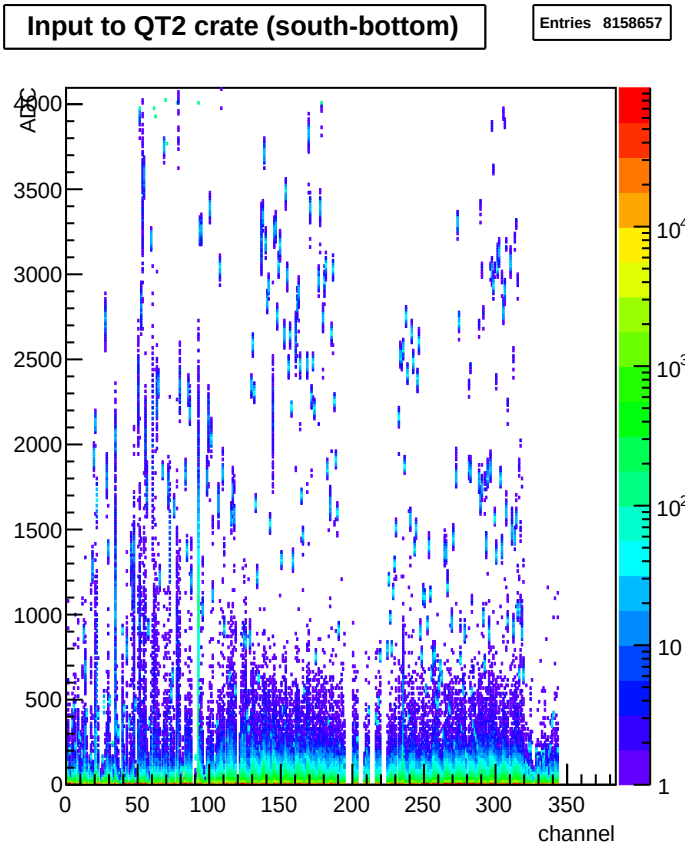

Entries 280175
ZDC East ADC Sum Att
ZDC West ADC Sum Att

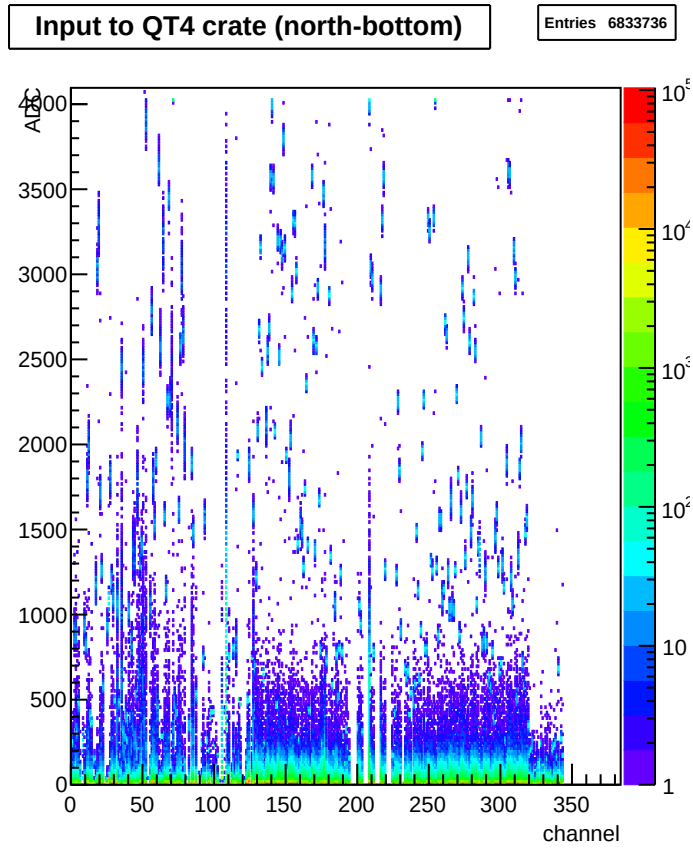

Entries 280175
VPD East ADC Sum
VPD West ADC Sum

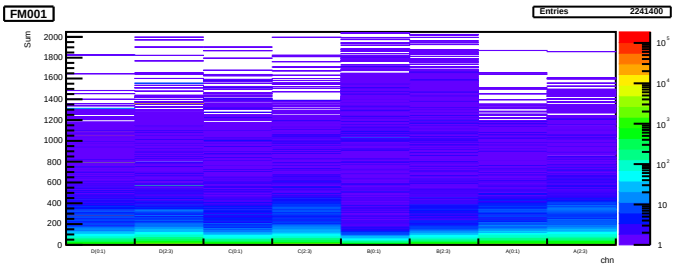

Entries 280175
BBC-S TAC Diff
ZDC TAC Diff

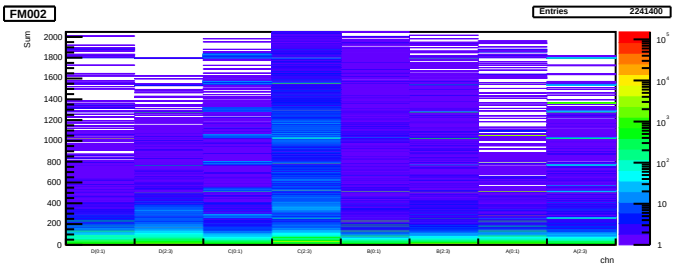

Input to QT1 crate (south-top)
Entries 8337717
ADC
channel

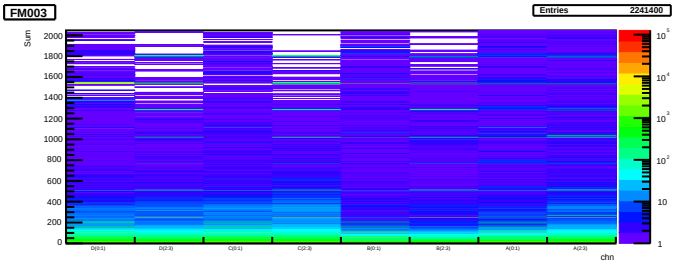

Input to QT3 crate (north-top)
Entries 8533997
ADC
channel

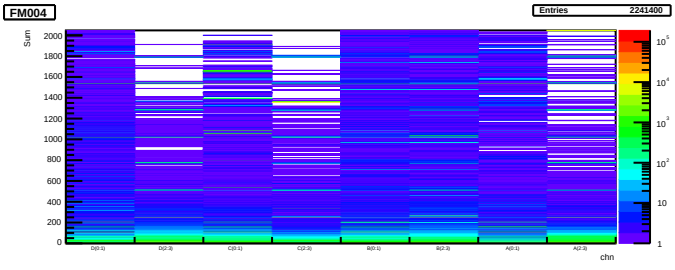

Input to QT2 crate (south-bottom)
Entries 8158657
ADC
channel

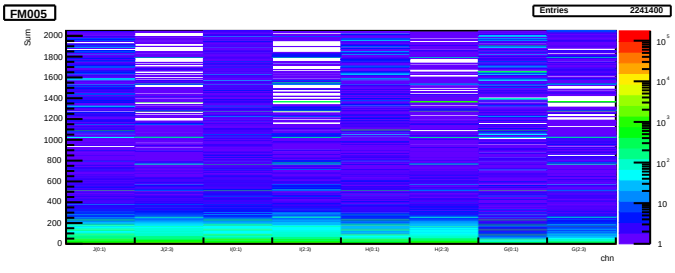

Input to QT4 crate (north-bottom)
Entries 6833736
ADC
channel

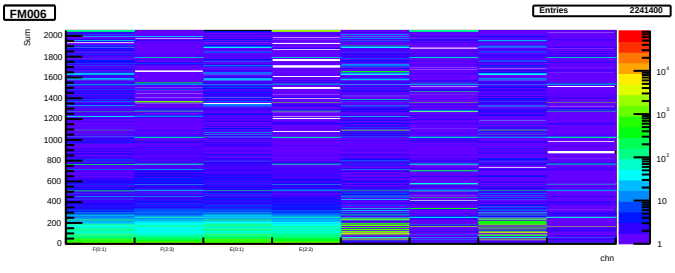

FM001
Entries 2241400
Sum
chn

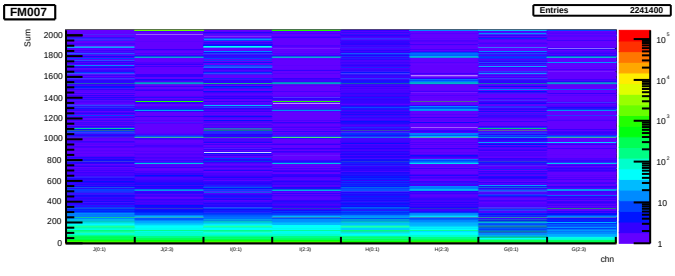

FM002
Entries 2241400
Sum
chn

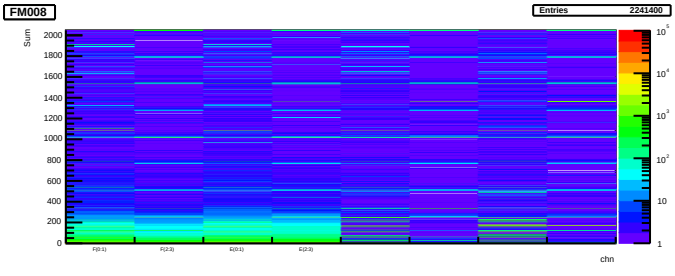

FM003
Entries 2241400
Sum
chn

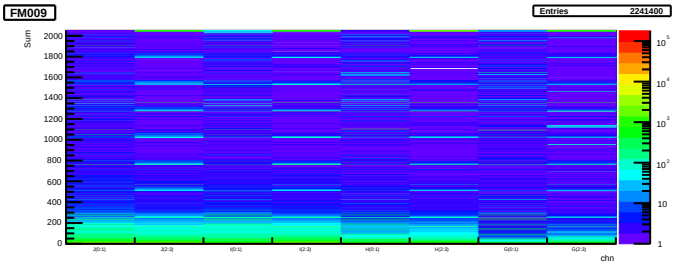

FM004
Entries 2241400
Sum
chn

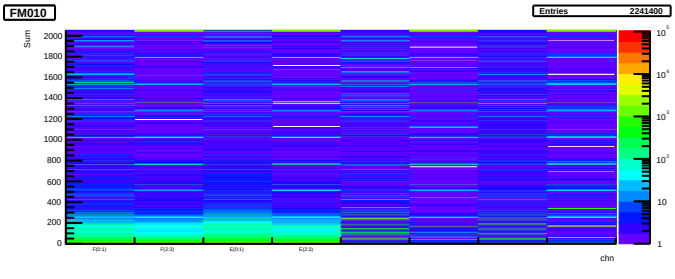

FM005
Entries 2241400
Sum
chn

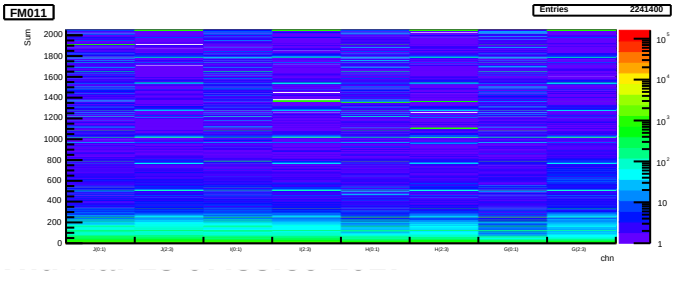

FM006
Entries 2241400
Sum
chn


FM007
Entries 2241400
Sum
chn


FM008
Entries 2241400
Sum
chn


FM009
Entries 2241400
Sum
chn


FM010
Entries 2241400
Sum
chn


FM011
Entries 2241400
Sum
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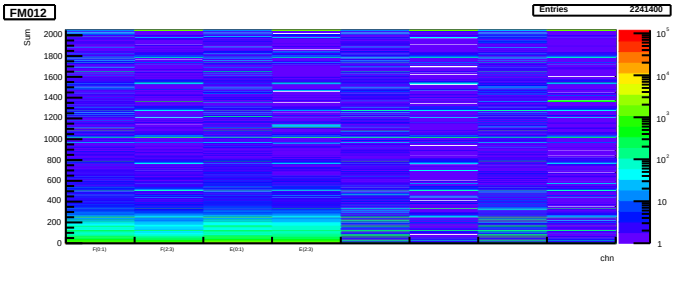
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Entries 2241400
Sum
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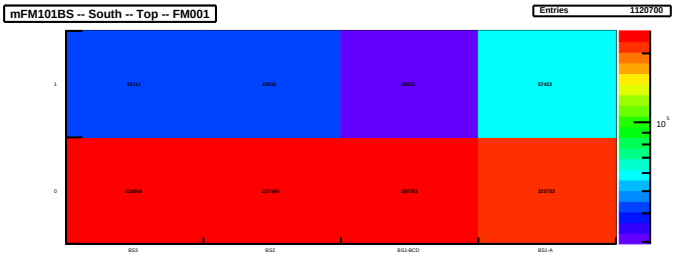
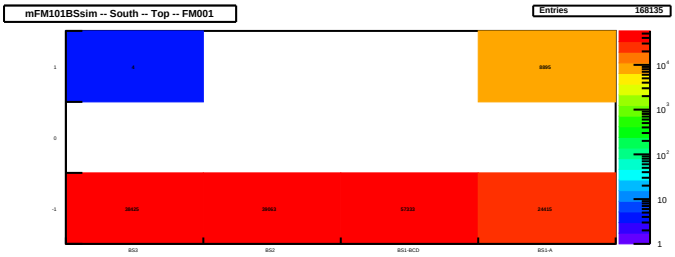

mFM101BS -- South -- Top -- FM001
Entries 1120700
BS3
BS2
BS1-BCD
BS1-A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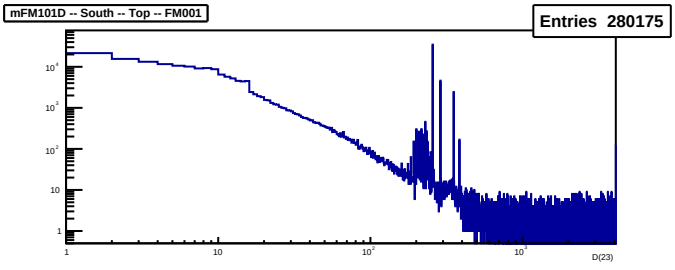
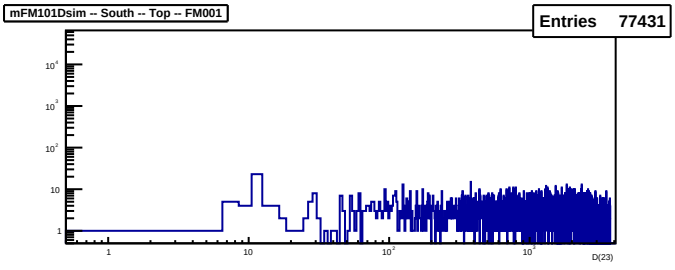
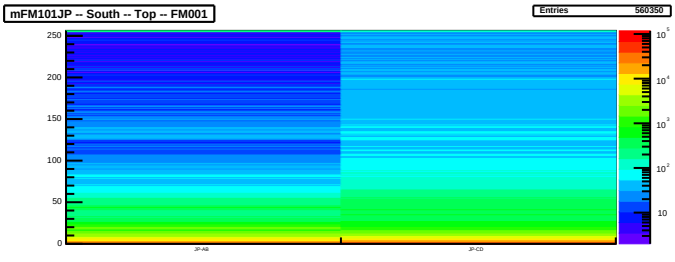
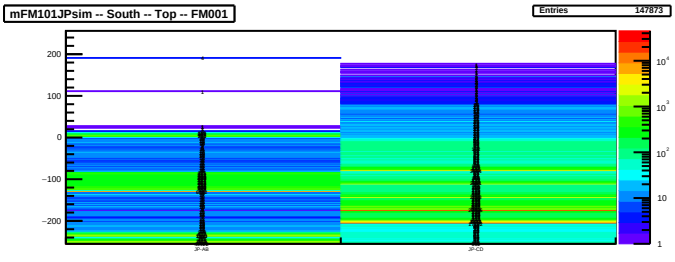
BS2
BS1-BCD
BS1-A


mFM101D -- South -- Top -- FM001
Entries 280175
D(23)


mFM101Dsim -- South -- Top -- FM001
Entries 77431
D(23)


mFM101JP -- South -- Top -- FM001
Entries 560350
JP-AB
JP-CD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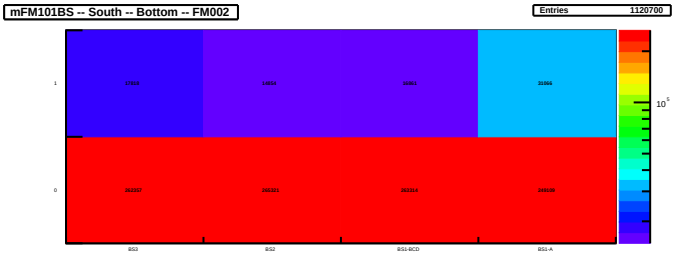
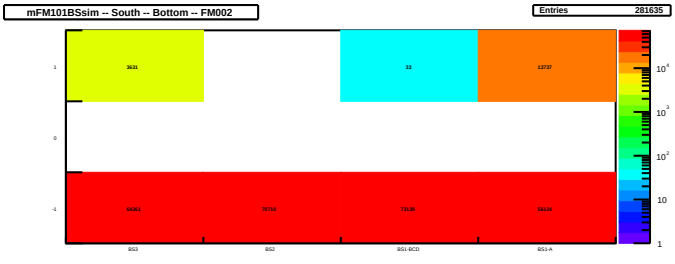
Entries 147873
JP-AB
JP-CD


mFM101BS -- South -- Bottom -- FM002
Entries 1120700
BS3
BS2
BS1-BCD
BS1-A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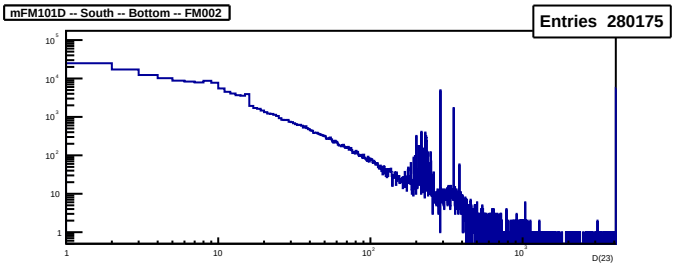
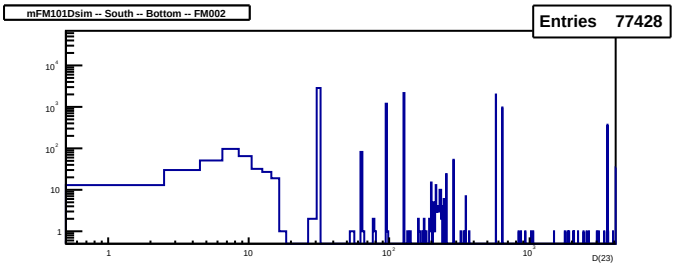
BS1-A


mFM101D -- South -- Bottom -- FM002
Entries 280175
D(23)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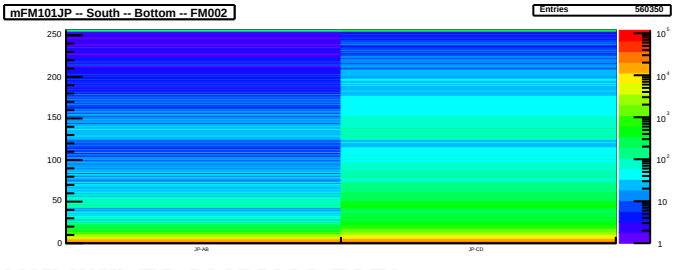
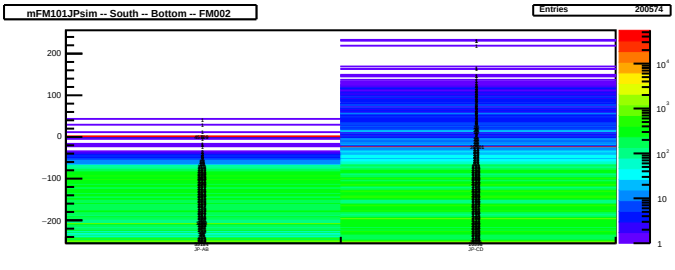
Entries 77428
D(23)


mFM101JP -- South -- Bottom -- FM002
Entries 560350
JP-AB
JP-CD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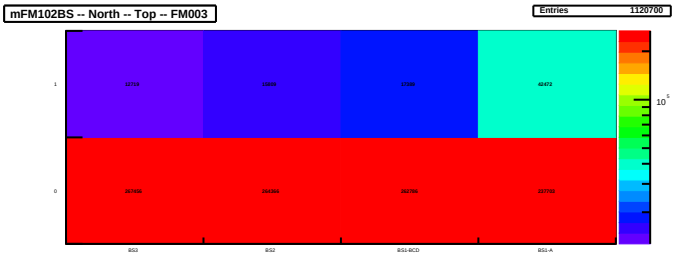
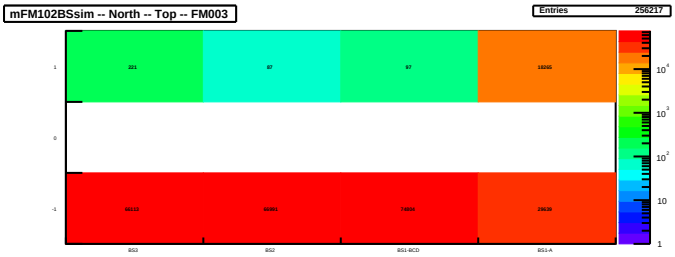
JP-AB
JP-CD


mFM102BS -- North -- Top -- FM003
Entries 1120700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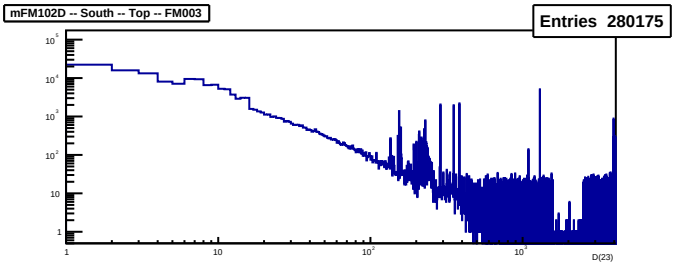
Entries 256217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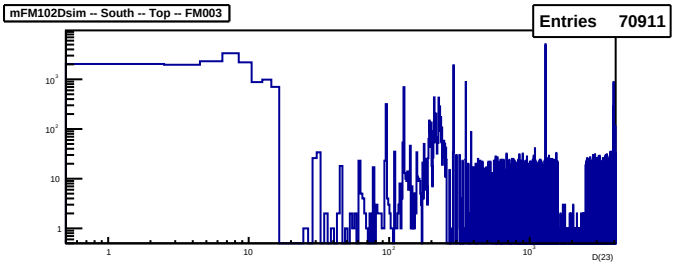
Entries 280175
D(23)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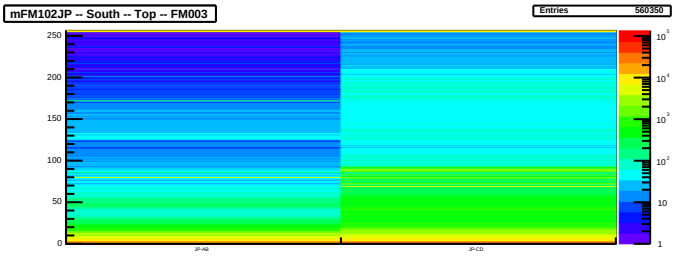
Entries 70911
D(23)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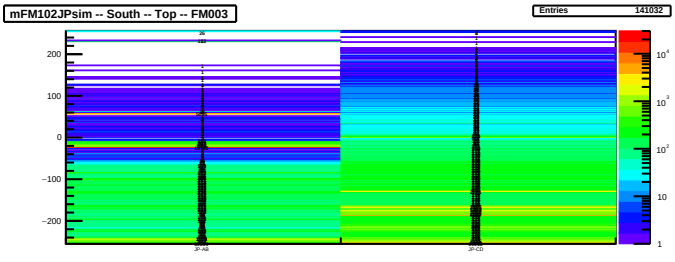
Entries 560350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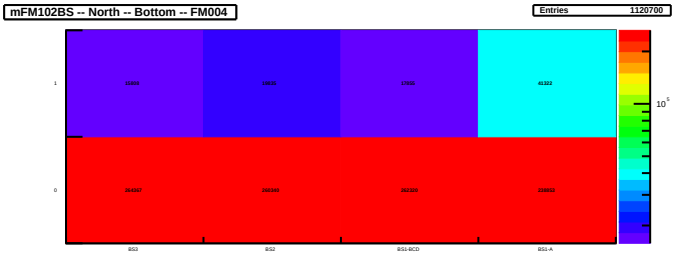
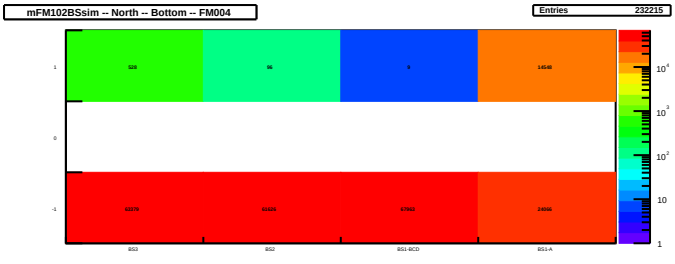
Entries 141032


mFM102BS -- North -- Bottom -- FM004
Entries 1120700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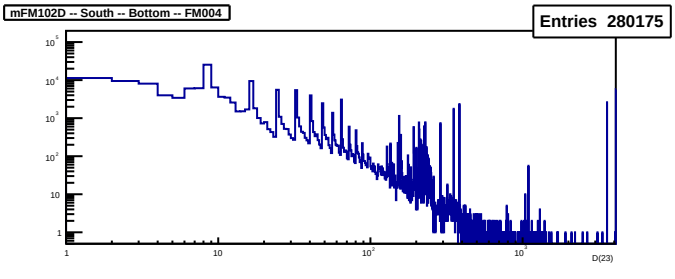
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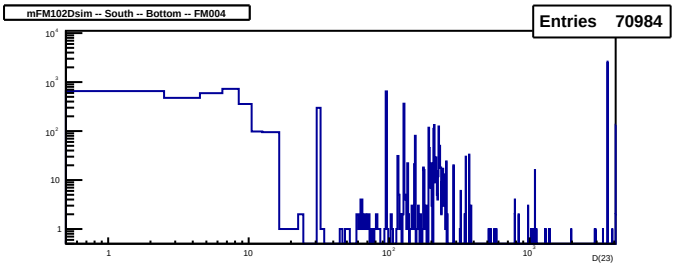
Entries 280175
D(23)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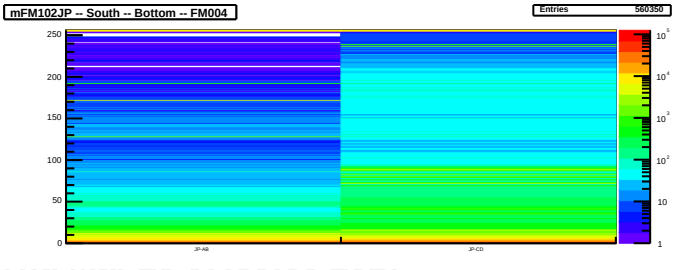
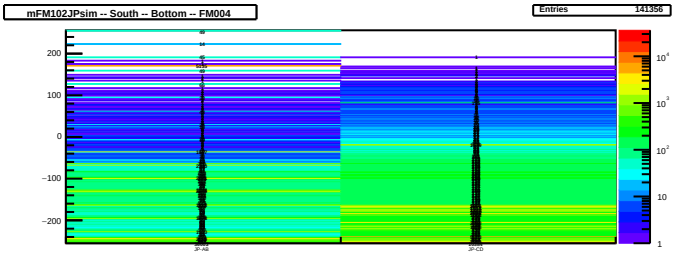
D(23)


mFM102JP -- South -- Bottom -- FM004
Entries 560350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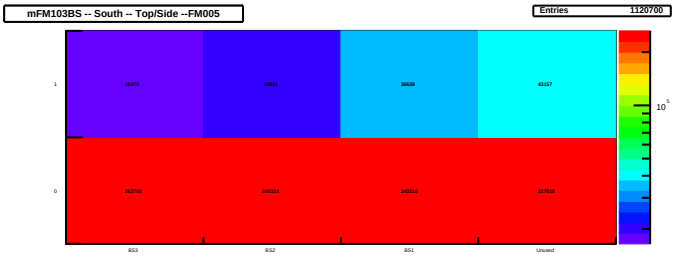
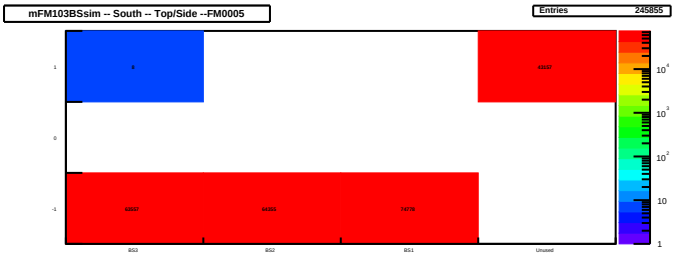

mFM103BS -- South -- Top/Side --FM005
Entries 1120700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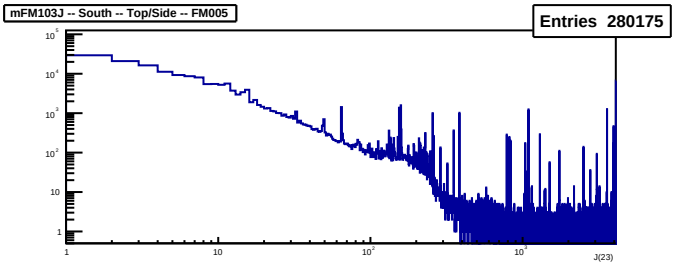
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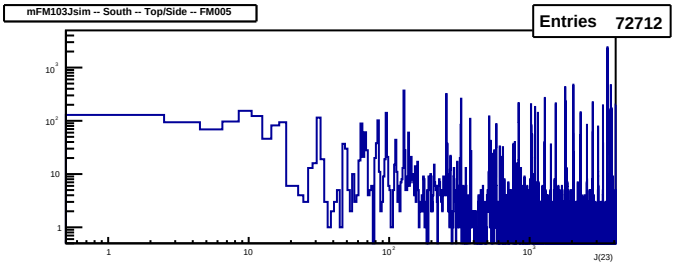
Entries 280175
J(23)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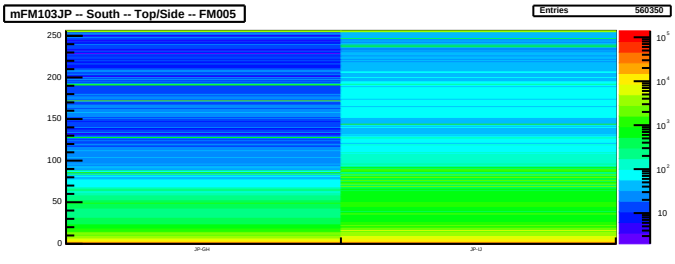
Entries 72712
J(23)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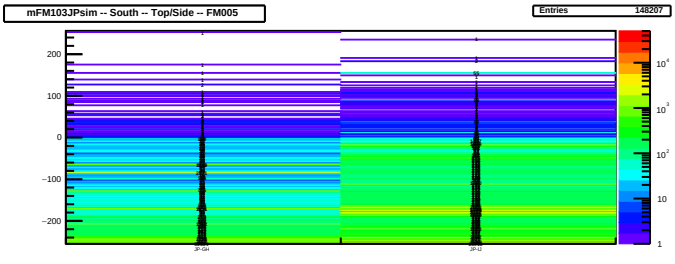
Entries 560350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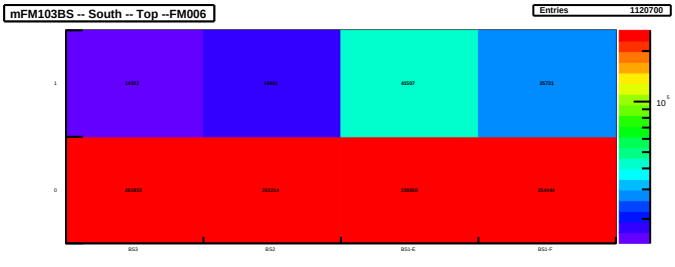
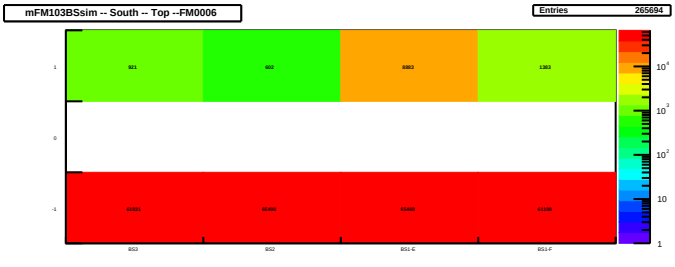

mFM103BS -- South -- Top --FM006
Entries 1120700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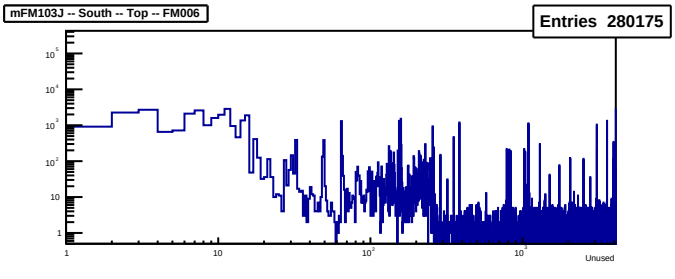
mFM103J -- South -- Top -- FM006
Entries 280175
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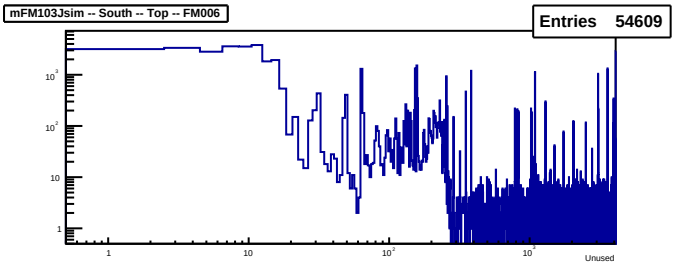
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Entries 54609
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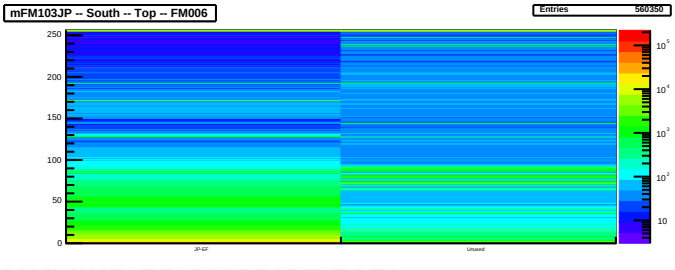
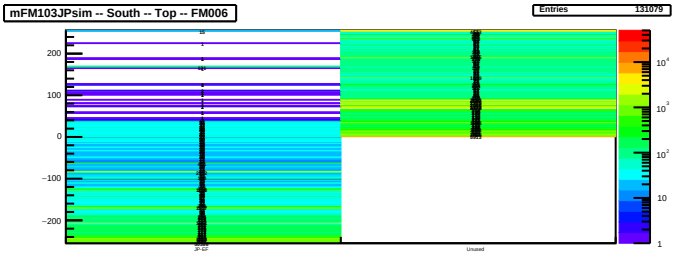

mFM103JP -- South -- Top -- FM006
Entries 560350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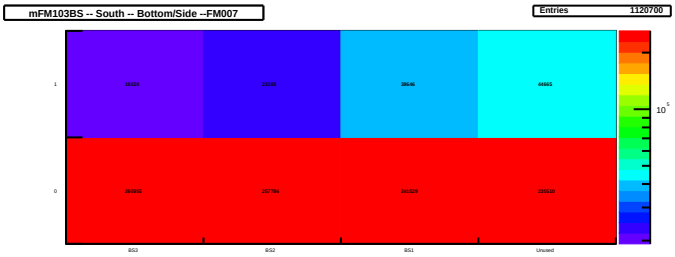
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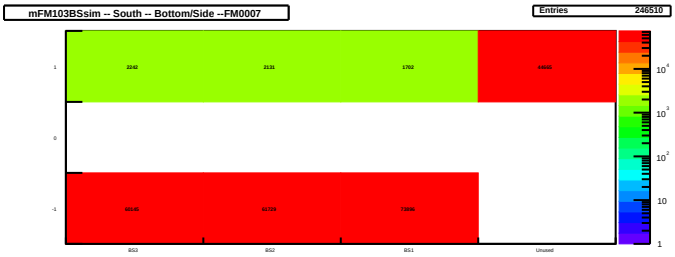
Entries 1120700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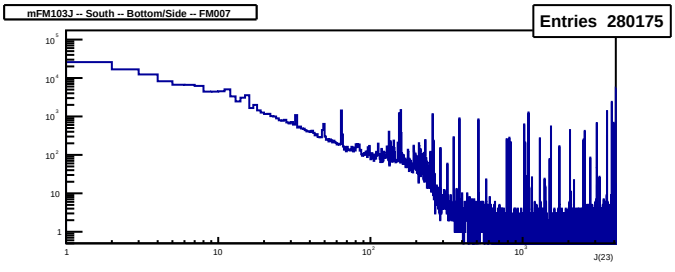
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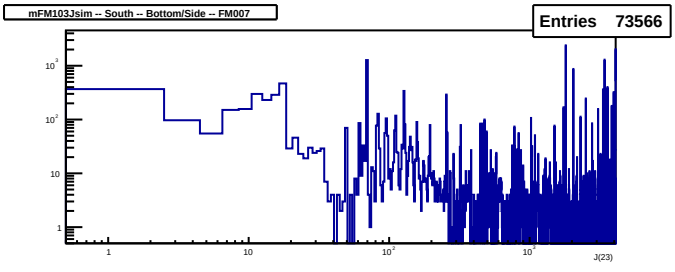
Entries 280175
J(23)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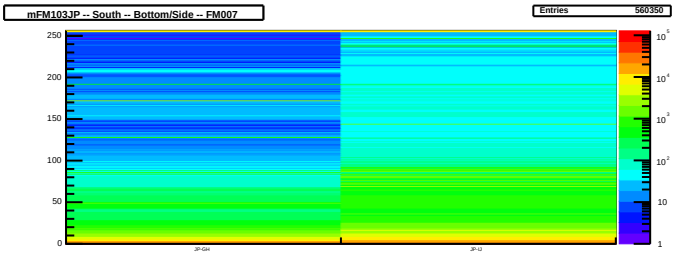
J(23)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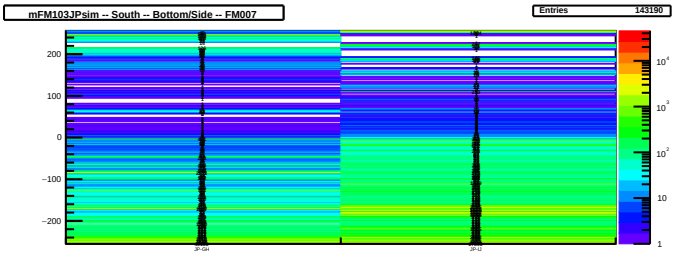
Entries 560350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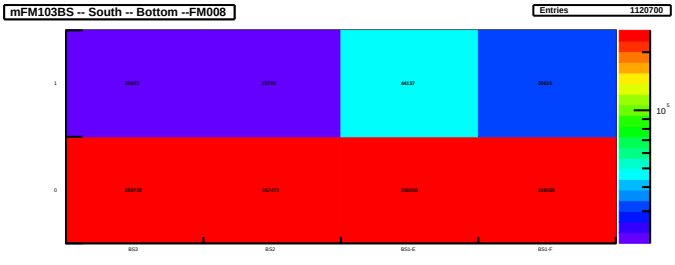
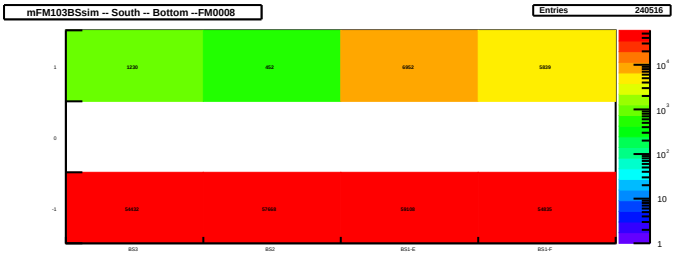

mFM103BS -- South -- Bottom --FM008
Entries 1120700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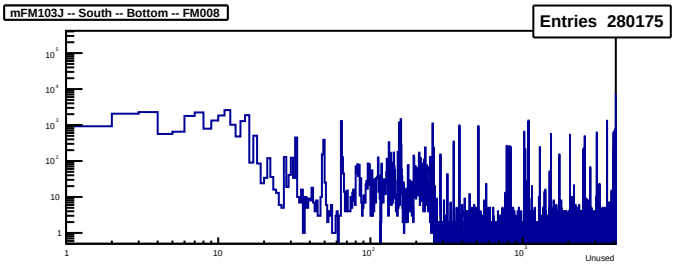
mFM103J -- South -- Bottom -- FM008
Entries 280175
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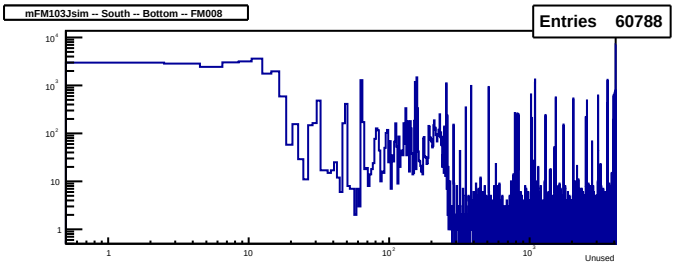
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Entries 60788
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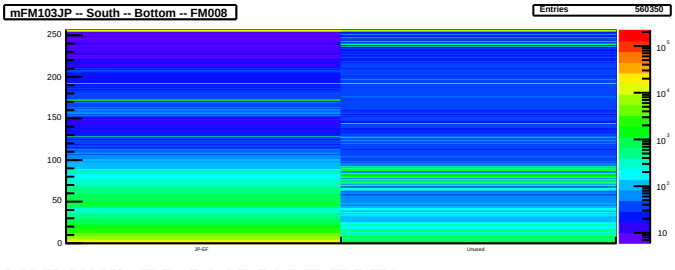
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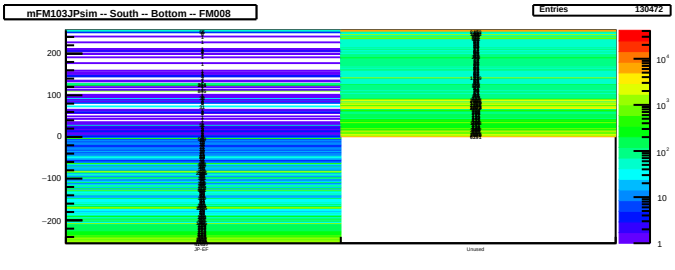
Entries 560350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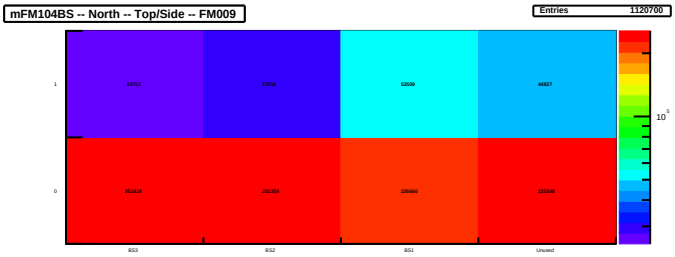
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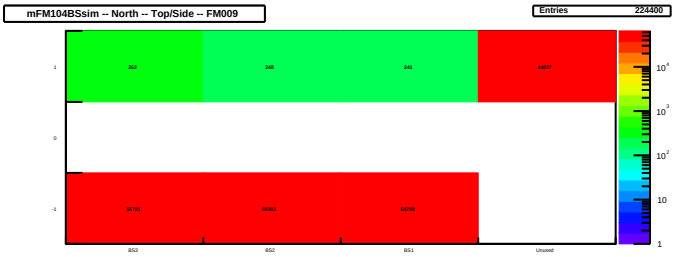
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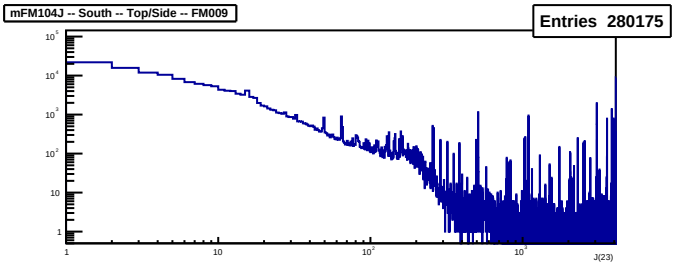
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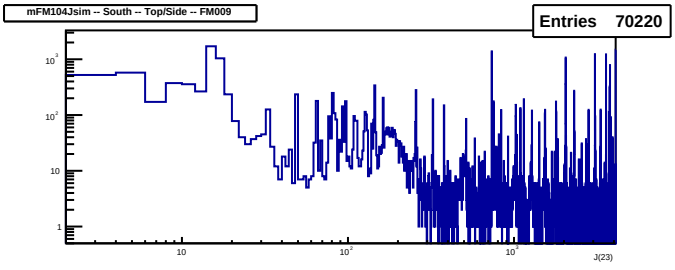
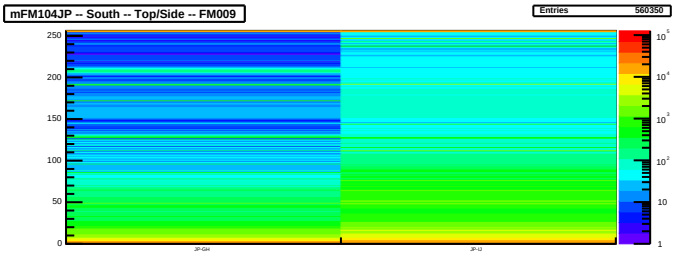
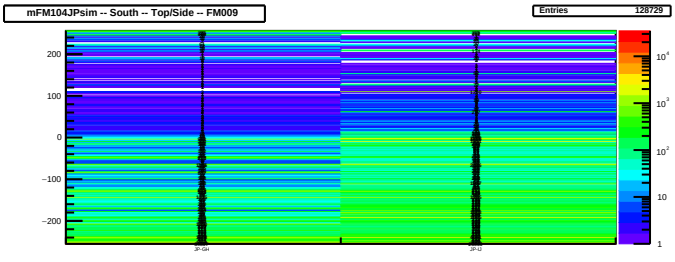
Entries 280175
J(23)


mFM104Jsim -- South -- Top/Side -- FM009
Entries 70220
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 560350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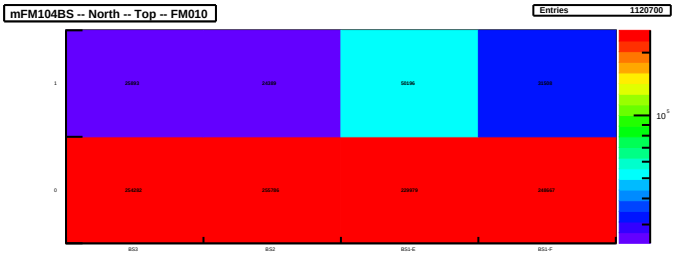
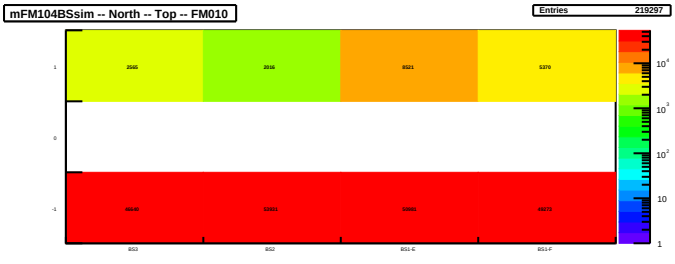
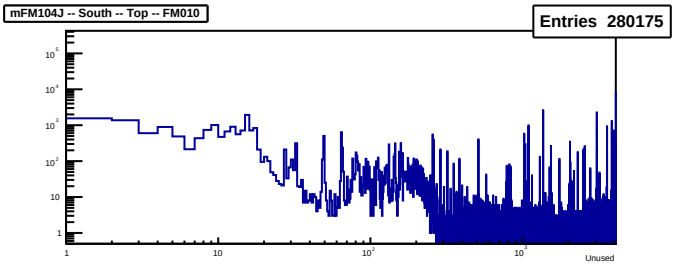
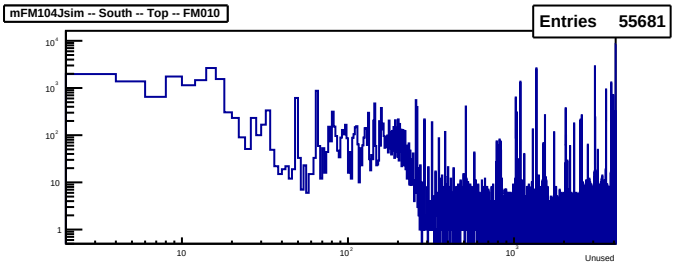
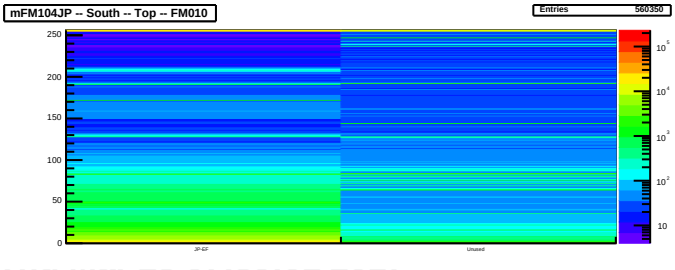
Entries 128729

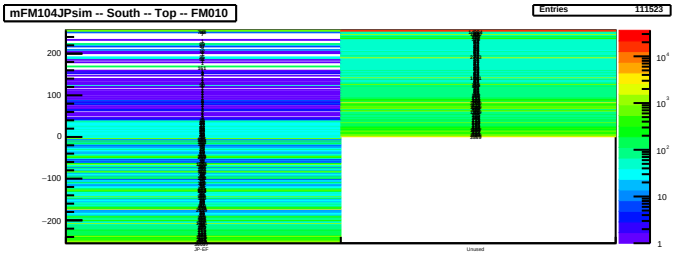

mFM104BS -- North -- Top -- FM010
Entries 1120700

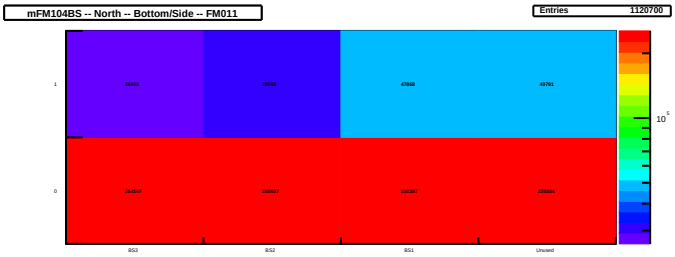

mFM104BSsim -- North -- Top -- FM010
Entries 219297

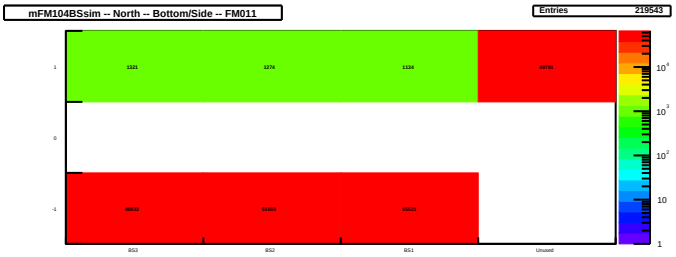

mFM104J -- South -- Top -- FM010
Entries 280175
Unused

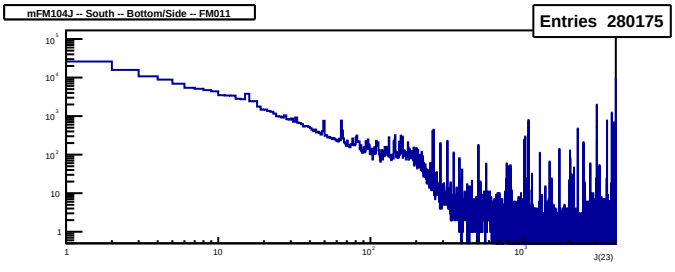

mFM104Jsim -- South -- Top -- FM010
Entries 55681
Unused

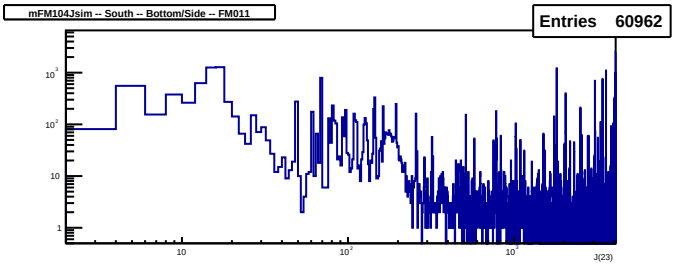

mFM104JP -- South -- Top -- FM010
Entries 560350

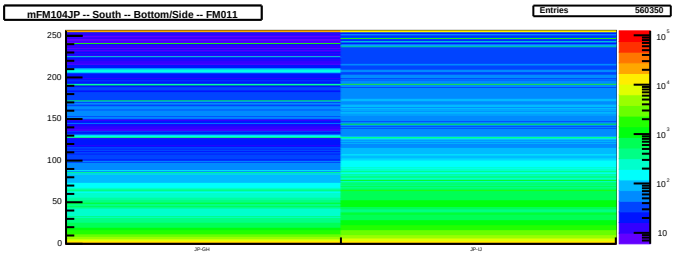

mFM104JPsim -- South -- Top -- FM010
Entries 111523

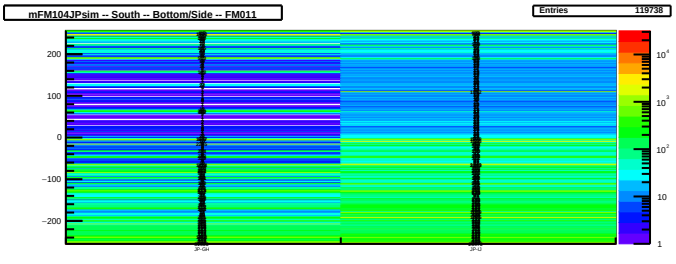

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1120700

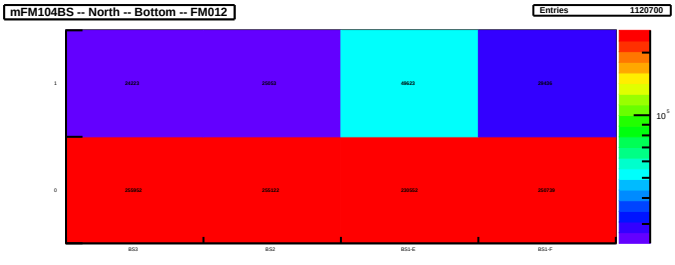

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 219543

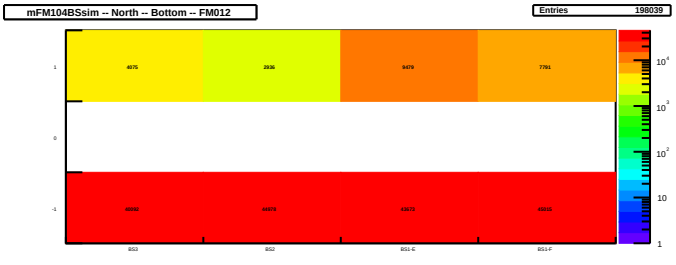

mFM104J -- South -- Bottom/Side -- FM011
Entries 280175
J(23)

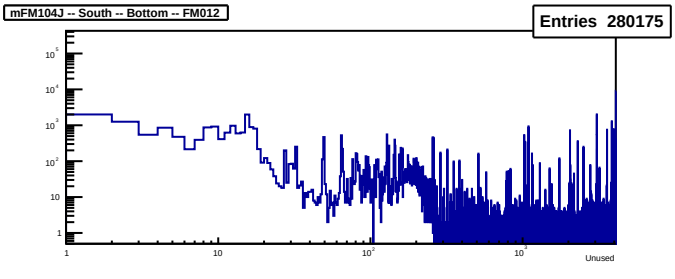

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 60962
J(23)

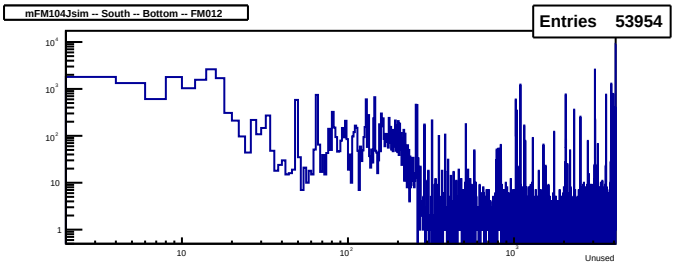

mFM104JP -- South -- Bottom/Side -- FM011
Entries 560350

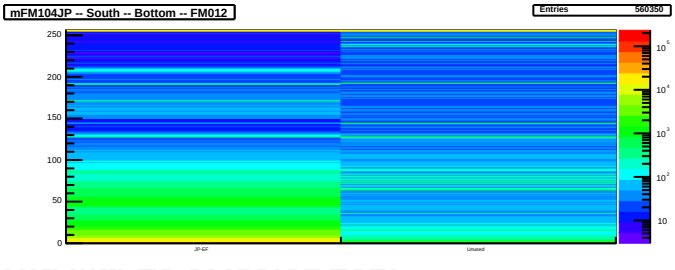

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 119738

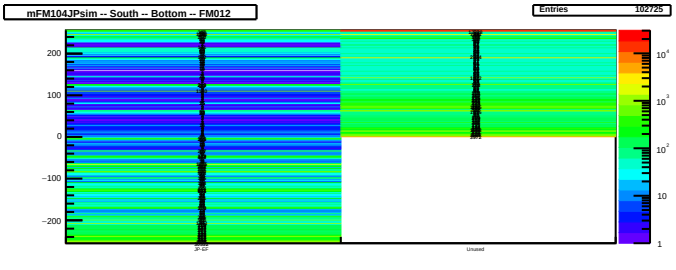

mFM104BS -- North -- Bottom -- FM012
Entries 1120700

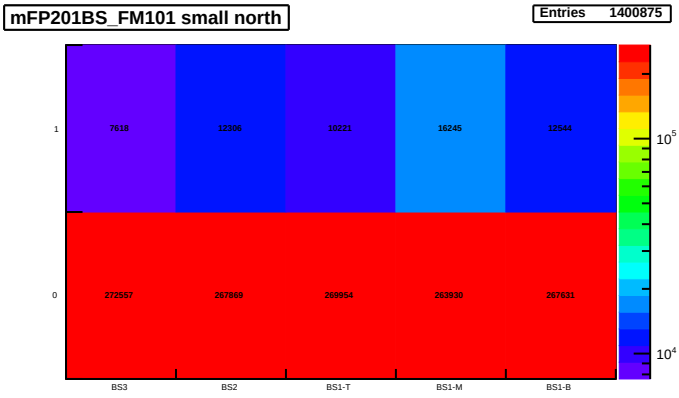

mFM104BSsim -- North -- Bottom -- FM012
Entries 198039

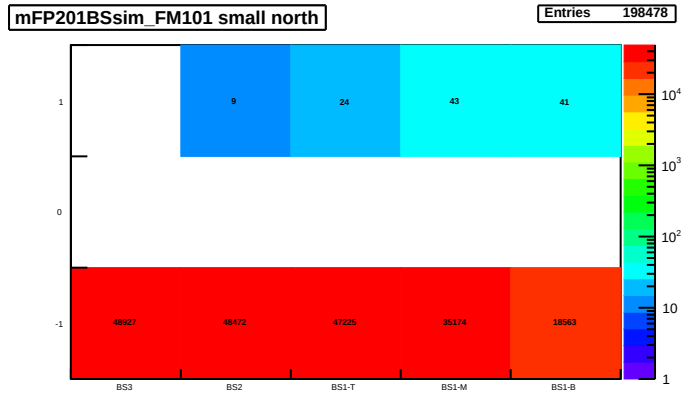

mFM104J -- South -- Bottom -- FM012
Entries 280175
Unused

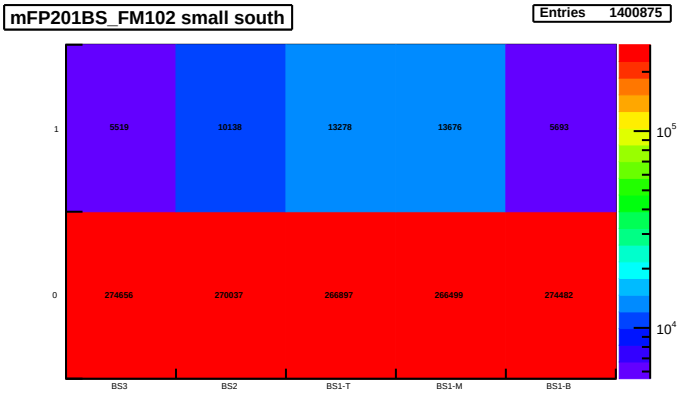

mFM104Jsim -- South -- Bottom -- FM012
Entries 53954
Unused

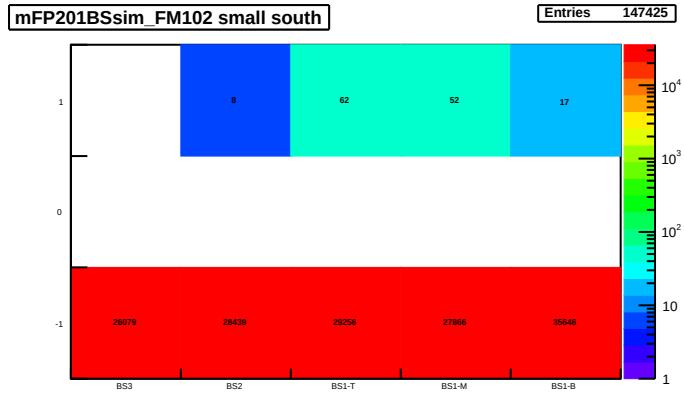

mFM104JP -- South -- Bottom -- FM012
Entries 560350

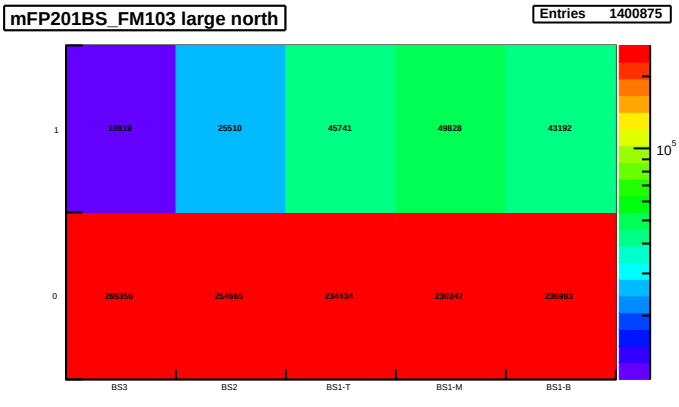

mFM104JPsim -- South -- Bottom -- FM012
Entries 102725

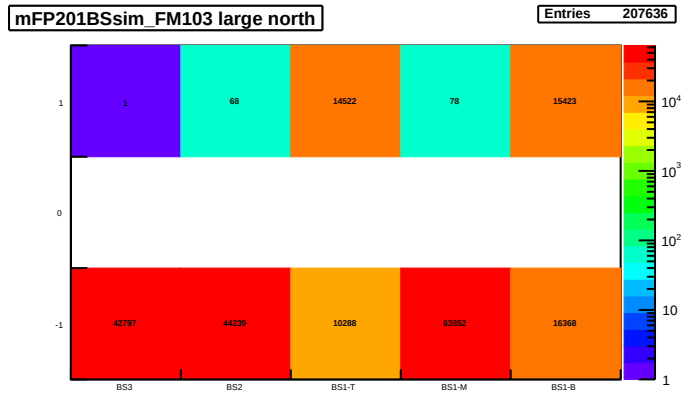

mFP201BS_FM101 small north
Entries 1400875
7618
12306
10221
16245
12544
272557
267869
269954
263930
267631
BS3
BS2
BS1-T
BS1-M
BS1-B

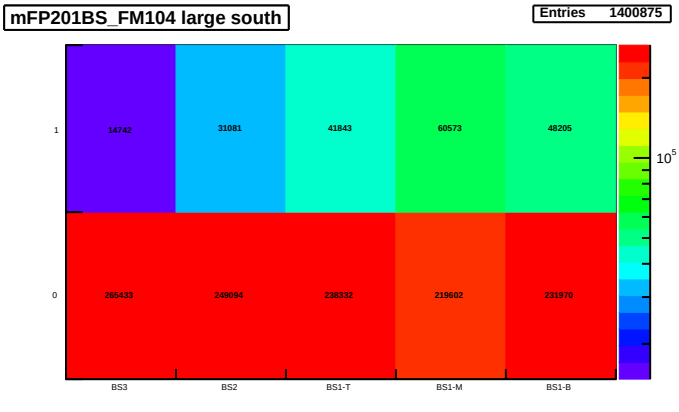

mFP201BSsim_FM101 small north
Entries 198478
9
24
43
41
48927
48472
47225
35174
18563
BS3
BS2
BS1-T
BS1-M
BS1-B

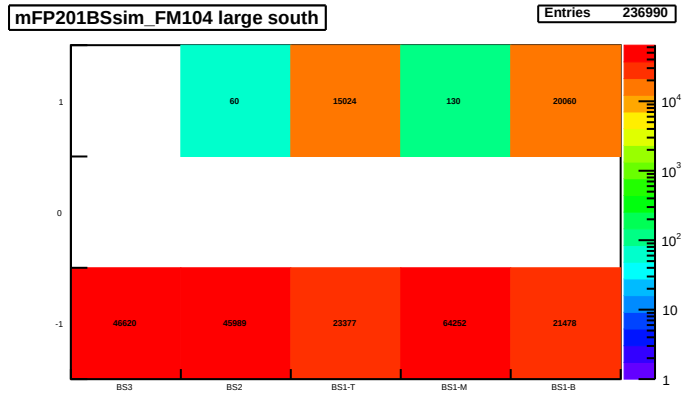

mFP201BS_FM102 small south
Entries 1400875
5519
10138
13278
13676
5693
274656
270037
266897
266499
274482
BS3
BS2
BS1-T
BS1-M
BS1-B

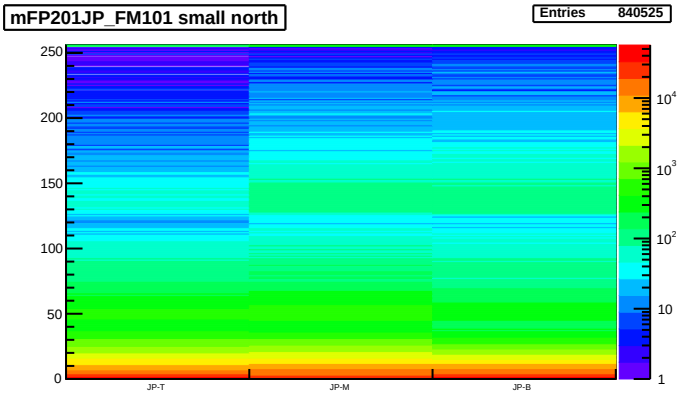

mFP201BSsim_FM102 small south
Entries 147425
8
62
52
17
26079
28439
29256
27866
35646
BS3
BS2
BS1-T
BS1-M
BS1-B

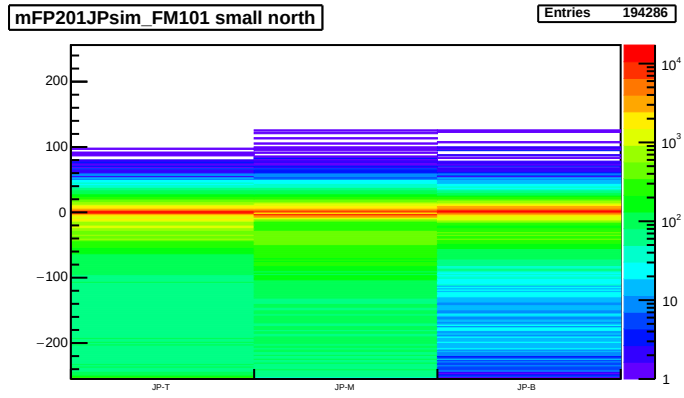

mFP201BS_FM103 large north
Entries 1400875
10819
25510
45741
49828
43192
269356
254665
234434
230347
236983
BS3
BS2
BS1-T
BS1-M
BS1-B

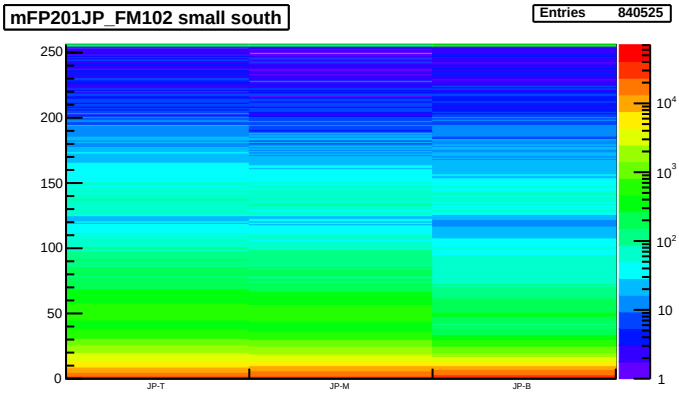

mFP201BSsim_FM103 large north
Entries 207636
1
68
14522
78
15423
42797
44239
10288
63852
16368
BS3
BS2
BS1-T
BS1-M
BS1-B

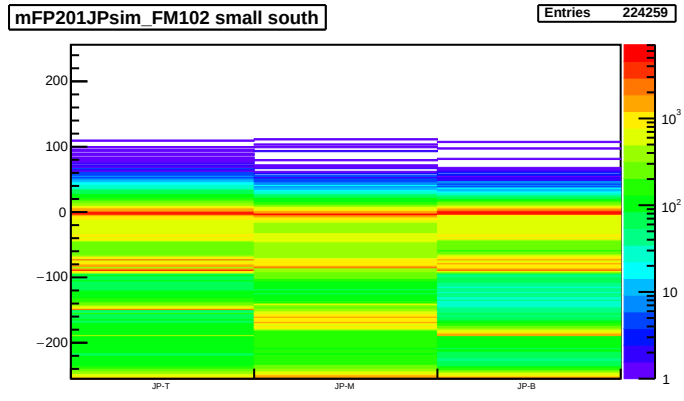

mFP201BS_FM104 large south
Entries 1400875
14742
31081
41843
60573
48205
265433
249094
238332
219602
231970
BS3
BS2
BS1-T
BS1-M
BS1-B

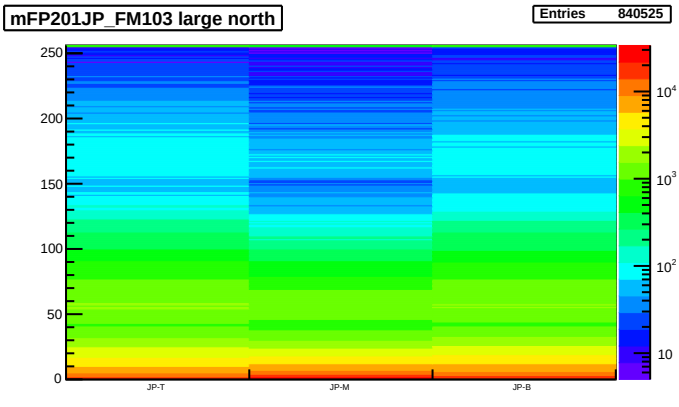

mFP201BSsim_FM104 large south
Entries 236990
60
15024
130
20060
46620
45989
23377
64252
21478
BS3
BS2
BS1-T
BS1-M
BS1-B

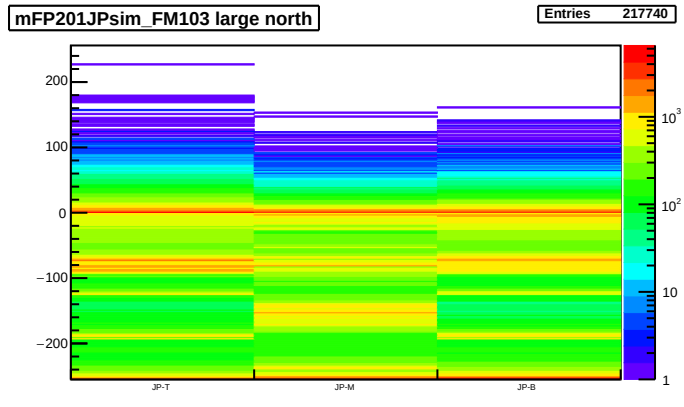

mFP201JP_FM101 small north
Entries 840525
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

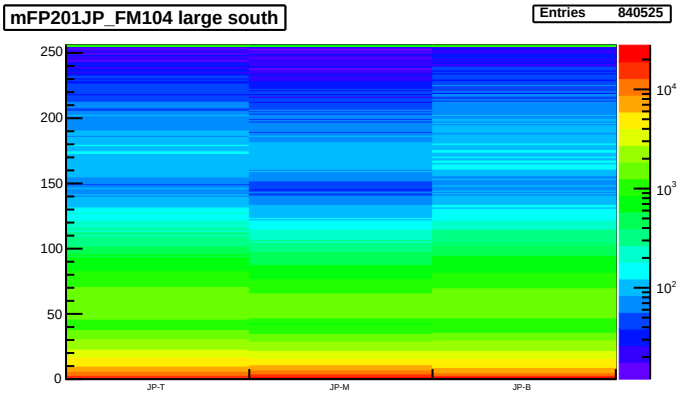

mFP201JPsim_FM101 small north
Entries 194286
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

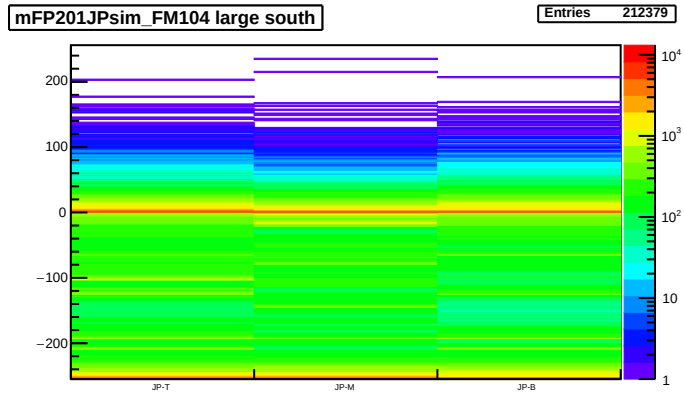

mFP201JP_FM102 small south
Entries 840525
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

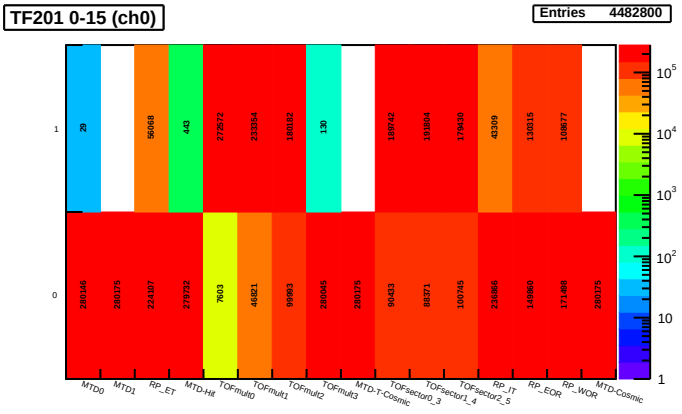

mFP201JPsim_FM102 small south
Entries 224259
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^3
10^2
10
1

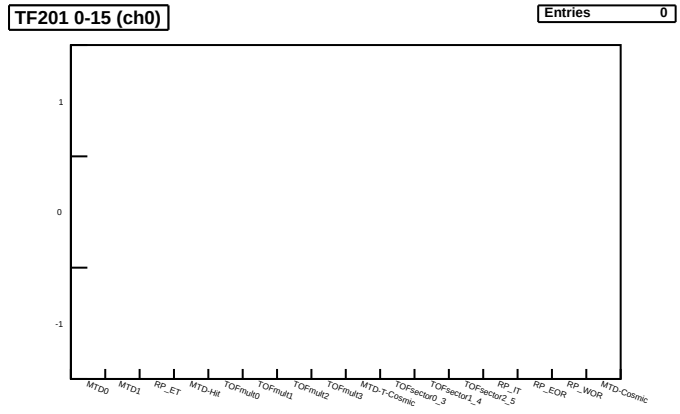

mFP201JP_FM103 large north
Entries 840525
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^4
10^3
10^2
10

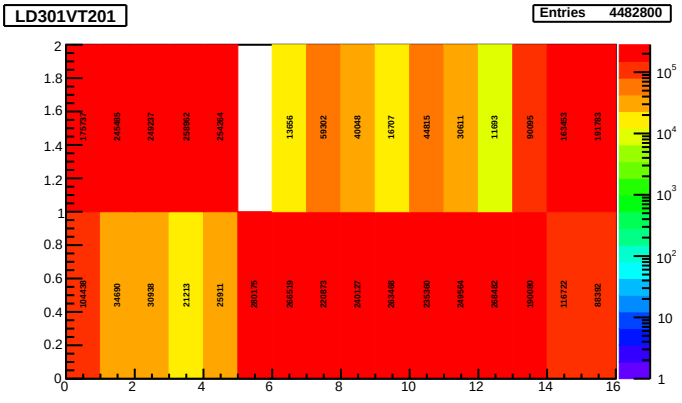

mFP201JPsim_FM103 large north
Entries 217740
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^3
10^2
10
1

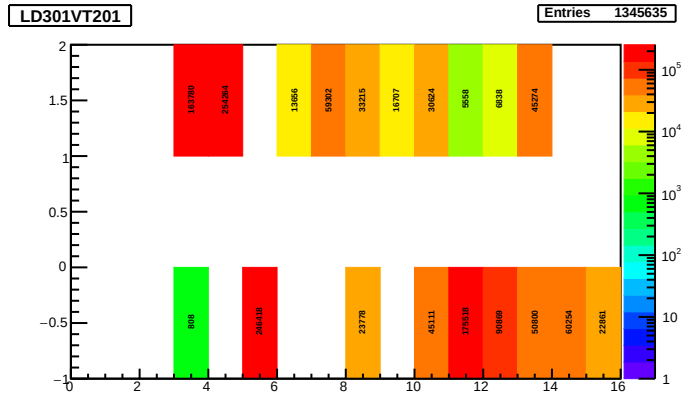

mFP201JP_FM104 large south
Entries 840525
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^4
10^3
10^2

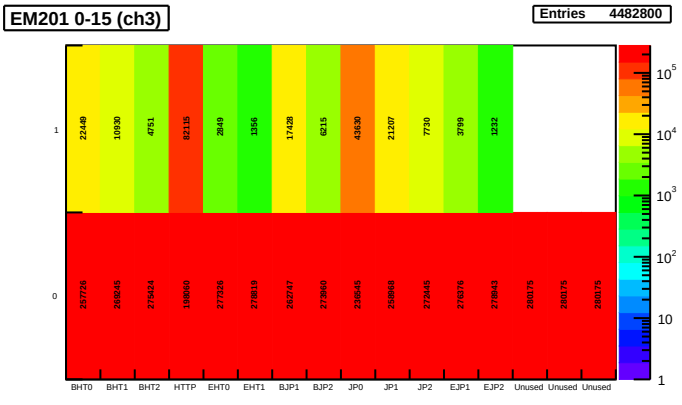

mFP201JPsim_FM104 large south
Entries 212379
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

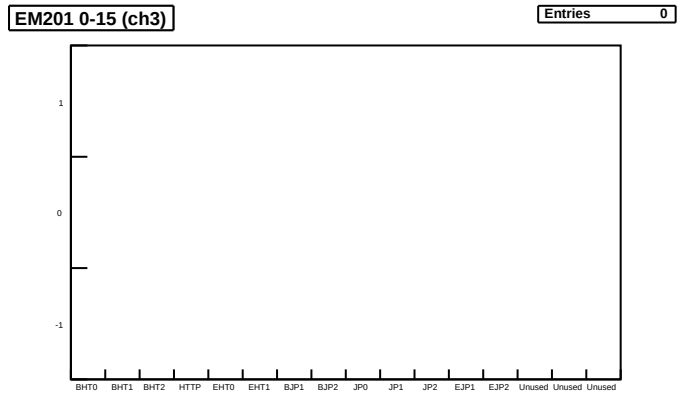

TF201 0-15 (ch0)
Entries 4482800
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

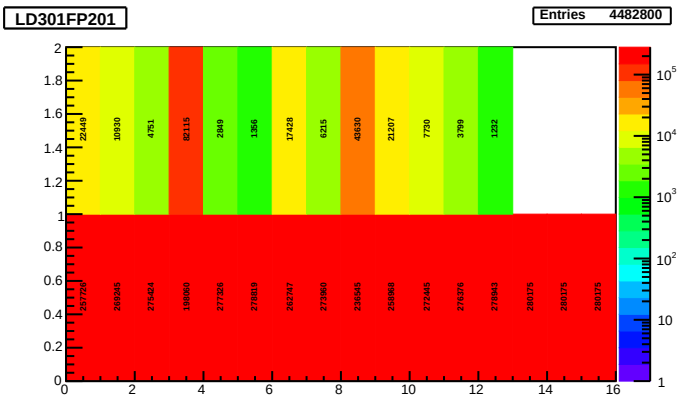

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

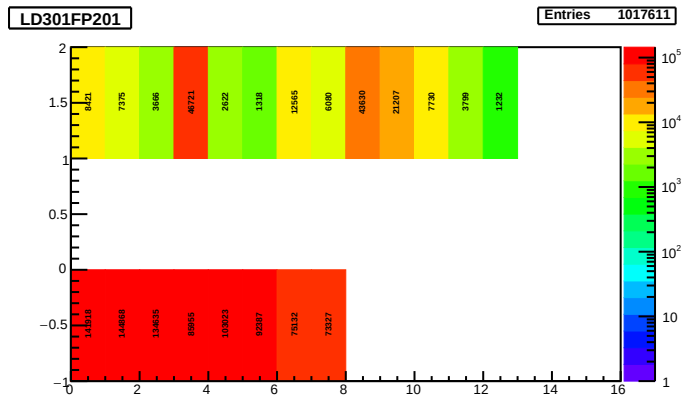

LD301VT201
Entries 4482800


LD301VT201
Entries 1345635


EM201 0-15 (ch3)
Entries 4482800
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 4482800


LD301FP201
Entries 1017611