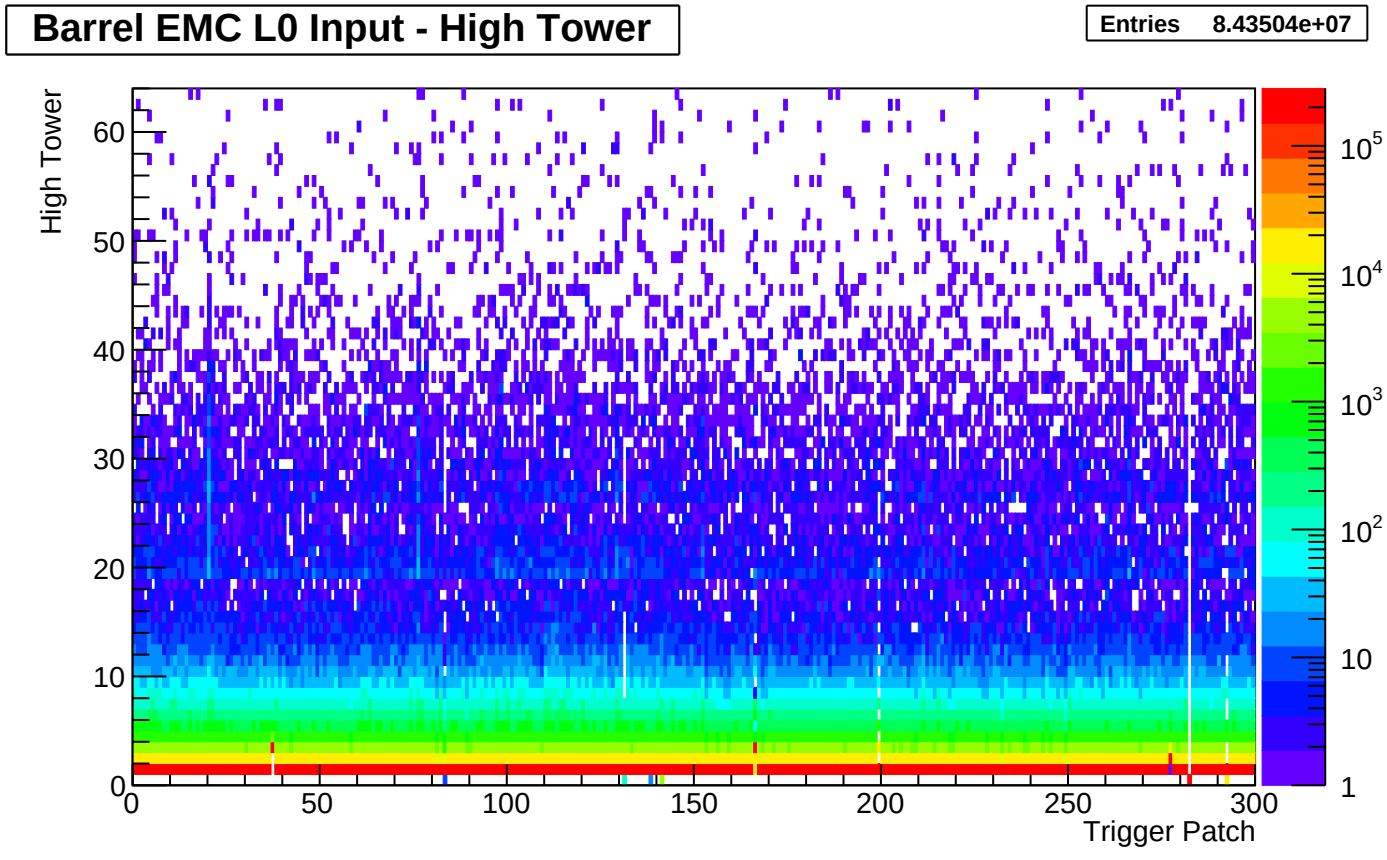
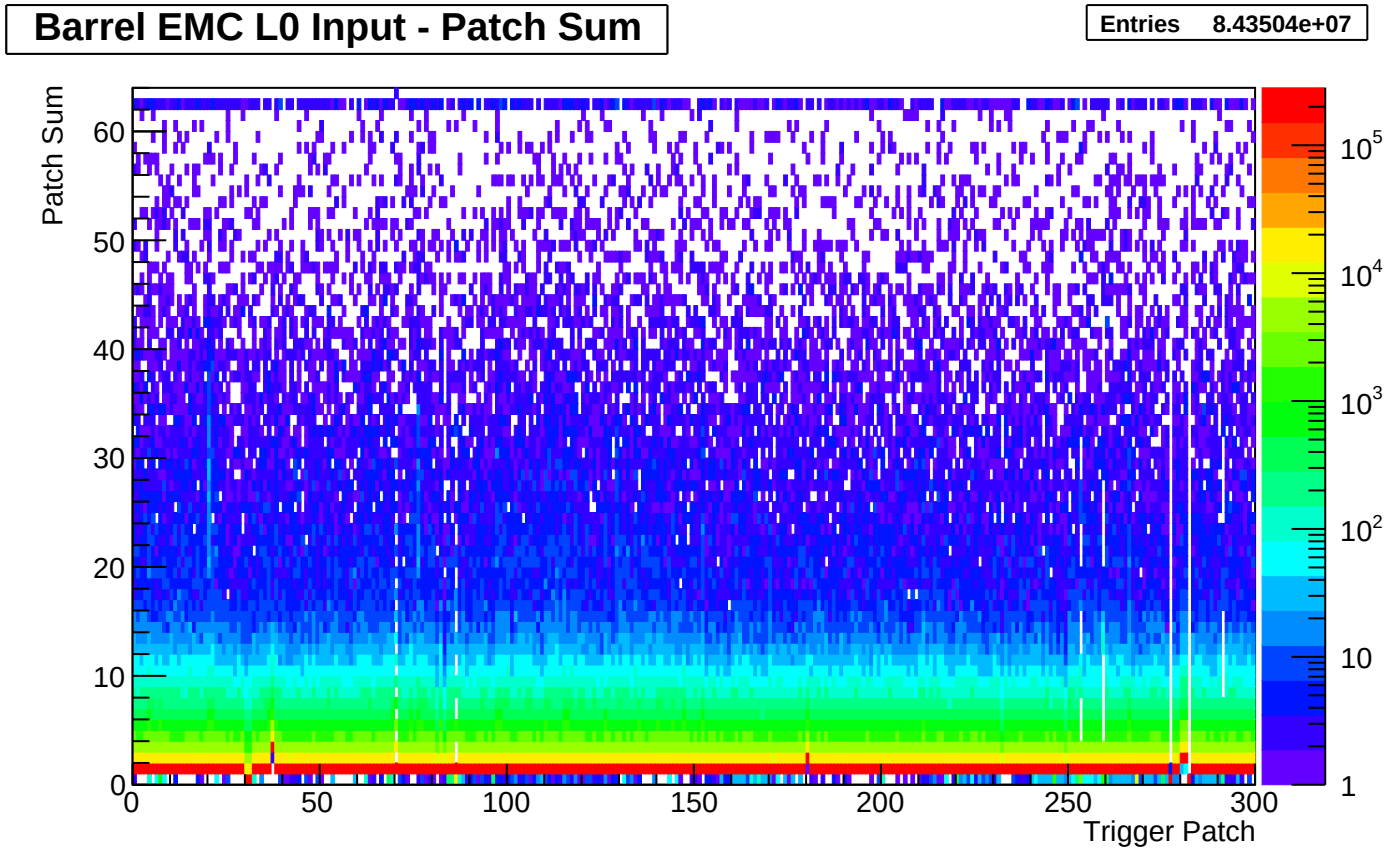
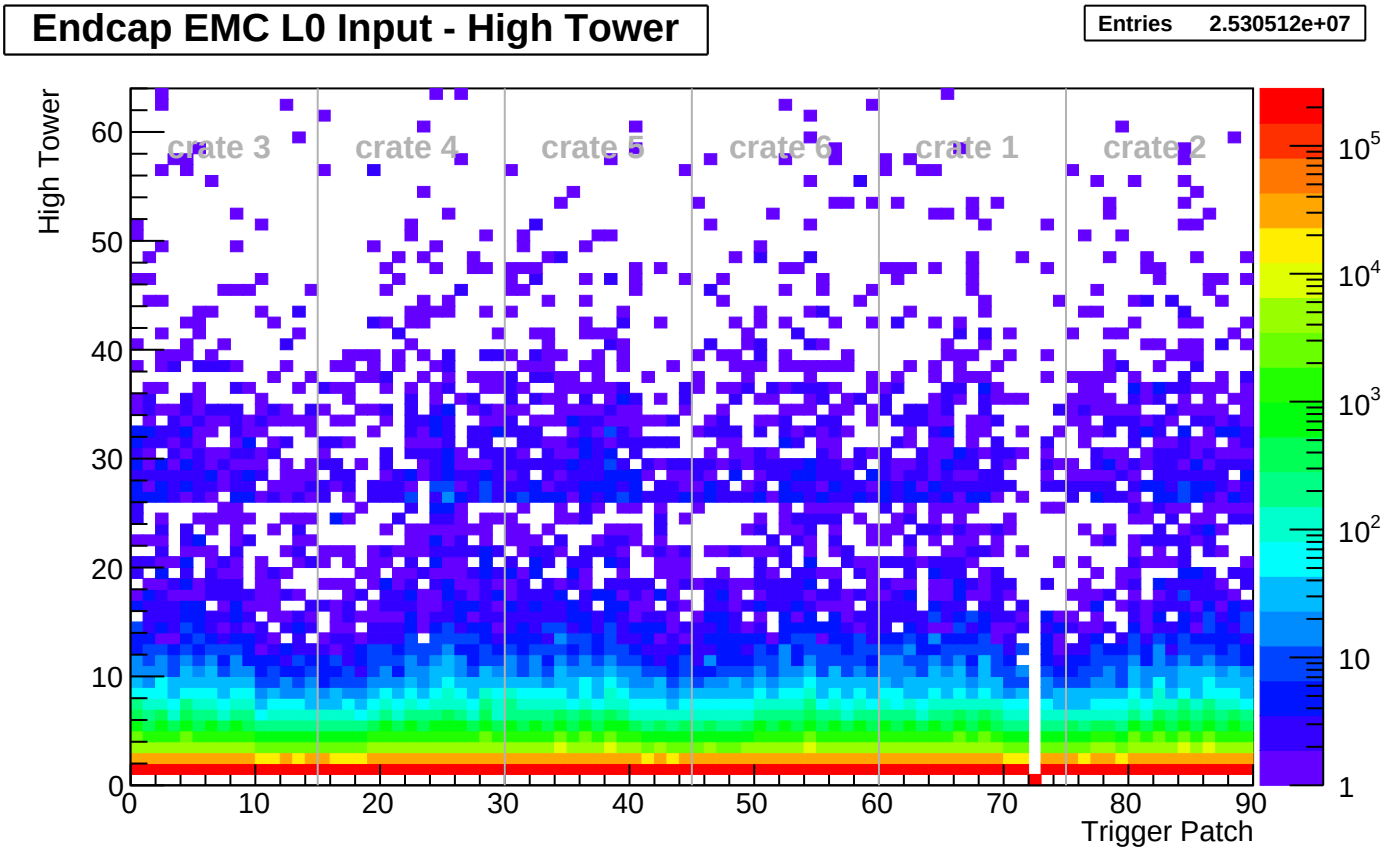
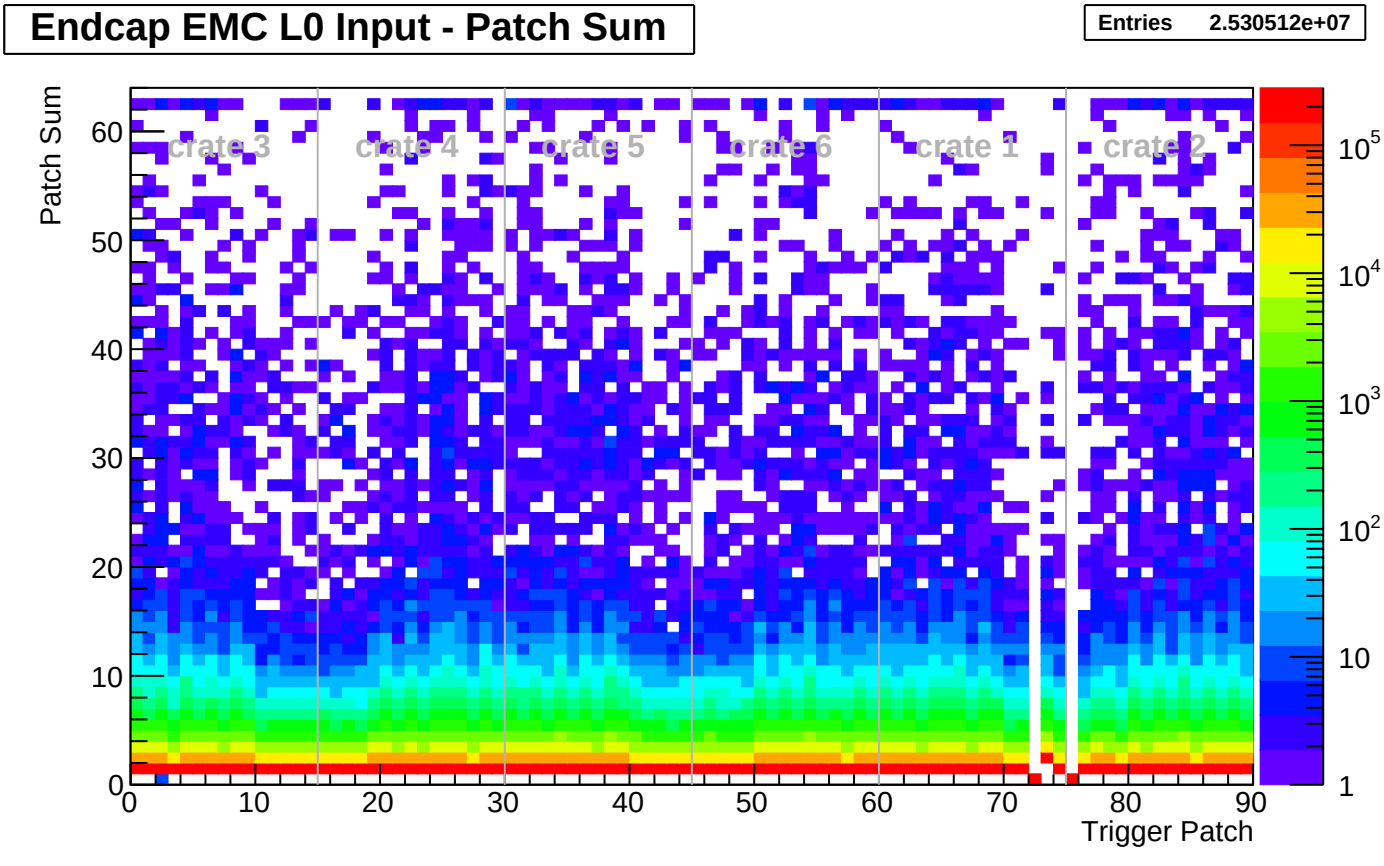
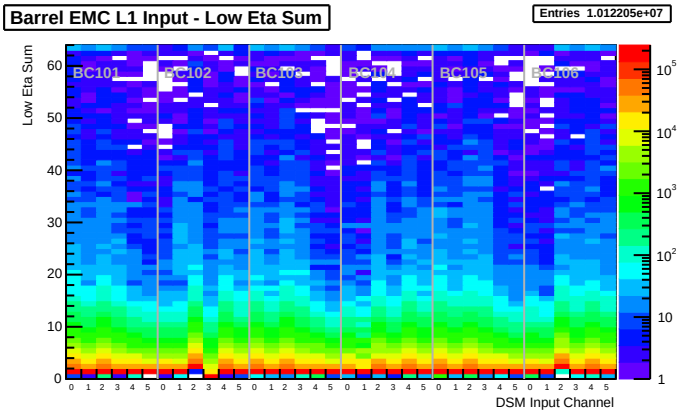
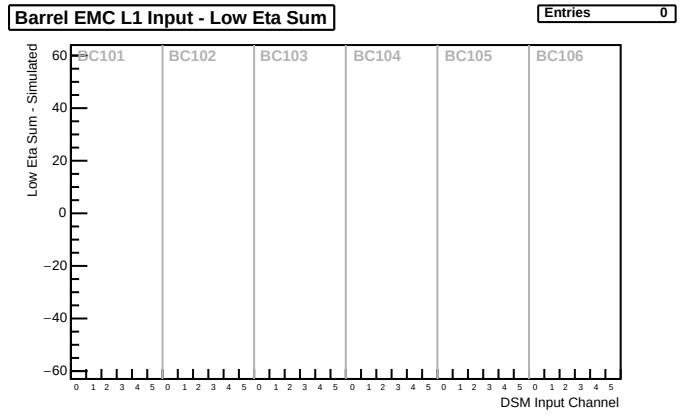

Barrel EMC L0 Input - High Tower
Entries 8.43504e+07
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

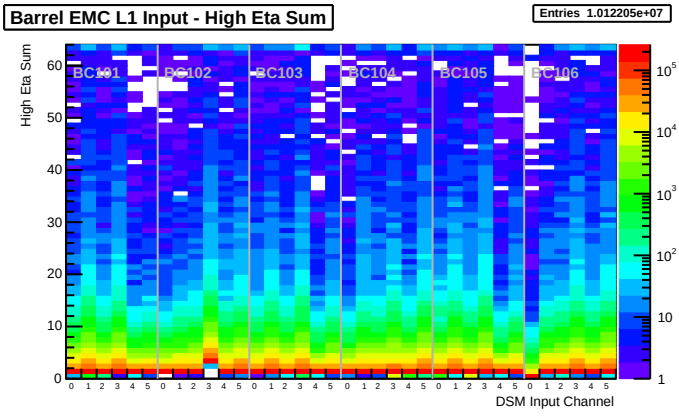

Barrel EMC L0 Input - Patch Sum
Entries 8.43504e+07
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

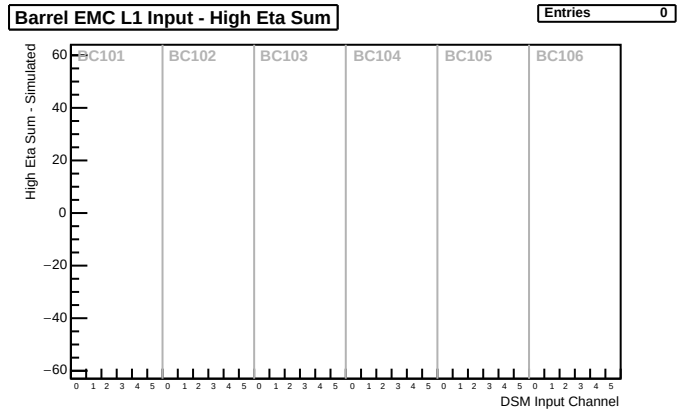

Endcap EMC L0 Input - High Tower
Entries 2.530512e+07
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

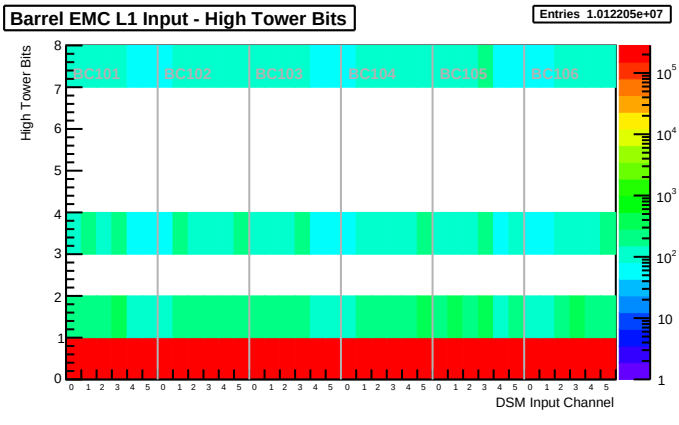

Endcap EMC L0 Input - Patch Sum
Entries 2.530512e+07
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

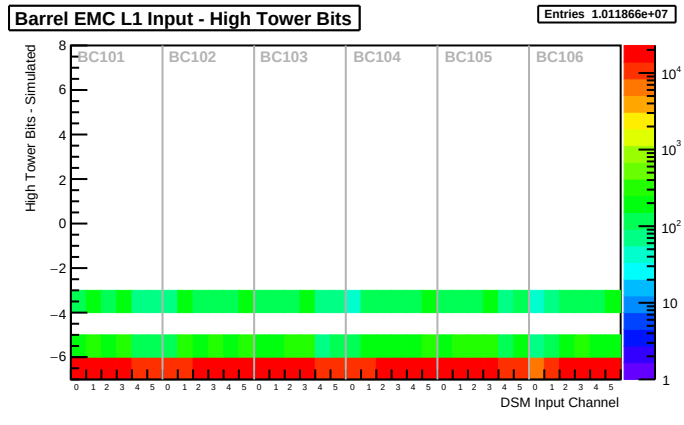

Barrel EMC L1 Input - Low Eta Sum
Entries 1.012205e+07
Low Eta Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

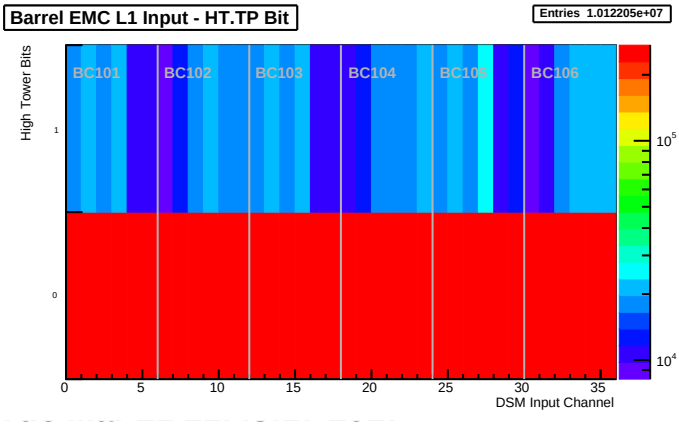

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

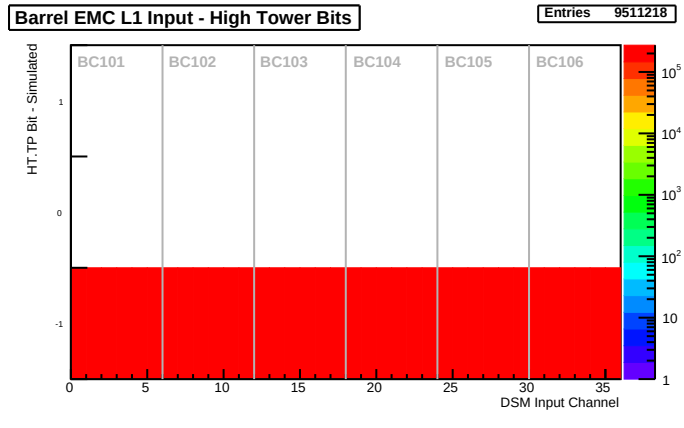

Barrel EMC L1 Input - High Eta Sum
Entries 1.012205e+07
High Eta Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

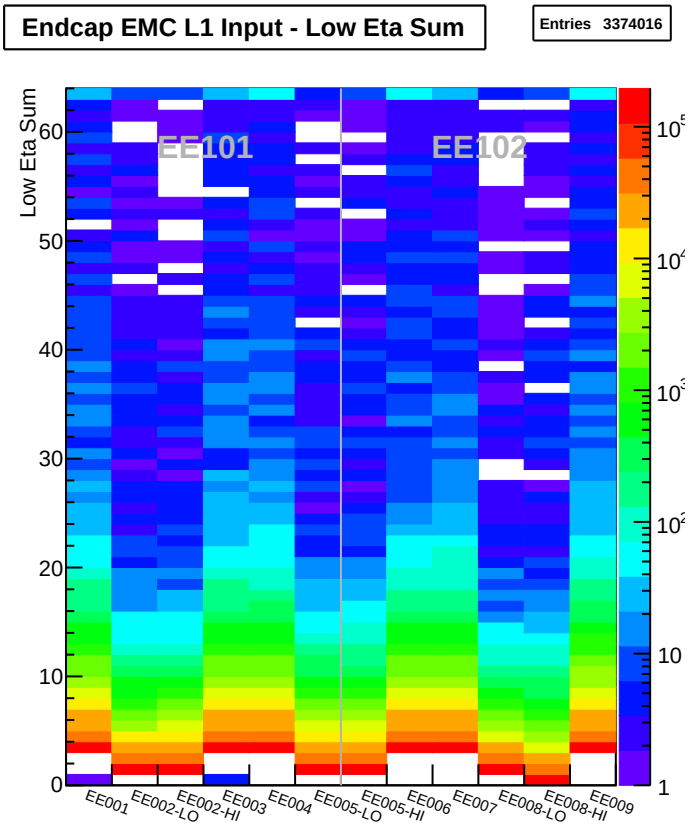

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

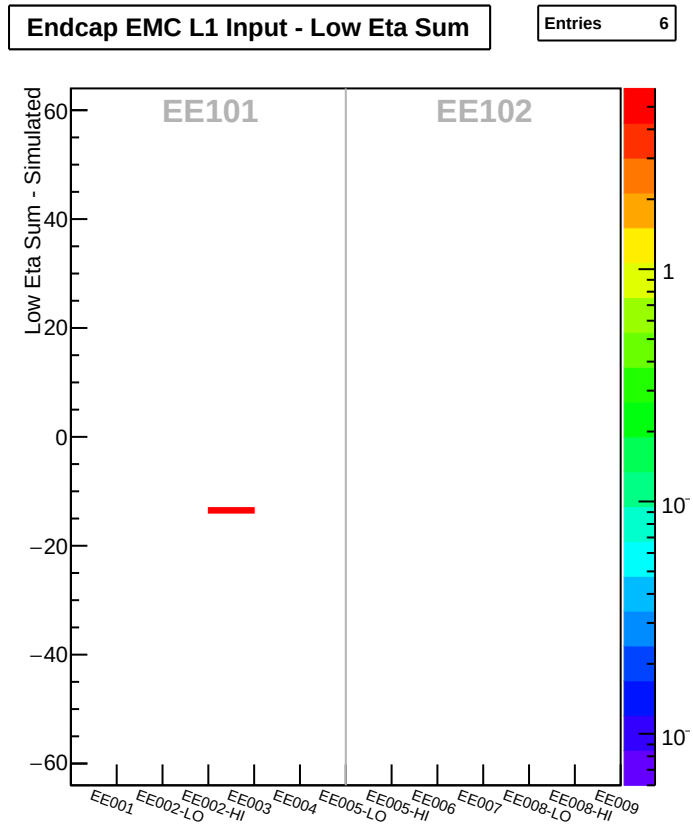

Barrel EMC L1 Input - High Tower Bits
Entries 1.012205e+07
High Tower Bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

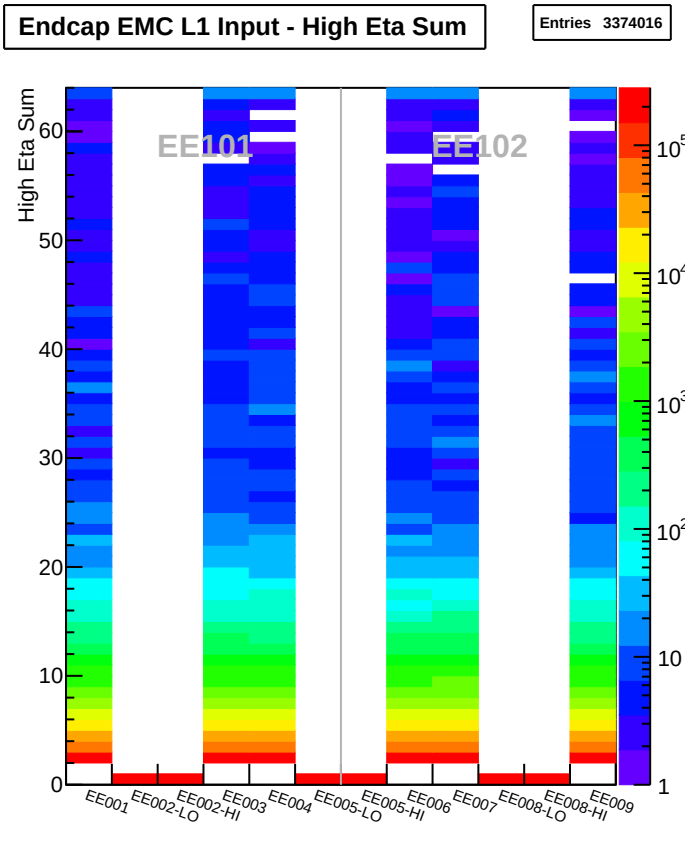

Barrel EMC L1 Input - High Tower Bits
Entries 1.011866e+07
High Tower Bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

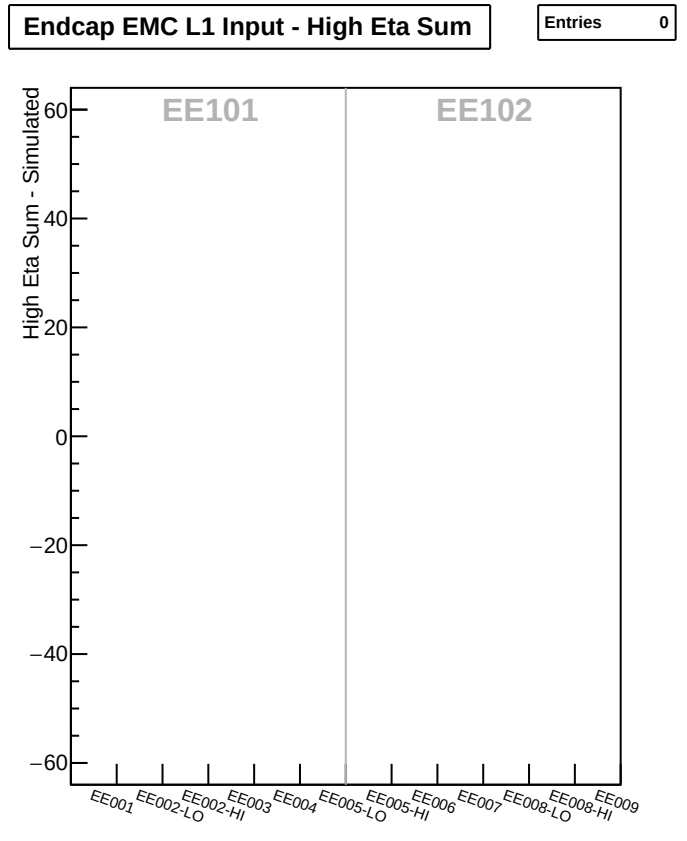

Barrel EMC L1 Input - HT.TP Bit
Entries 1.012205e+07
High Tower Bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

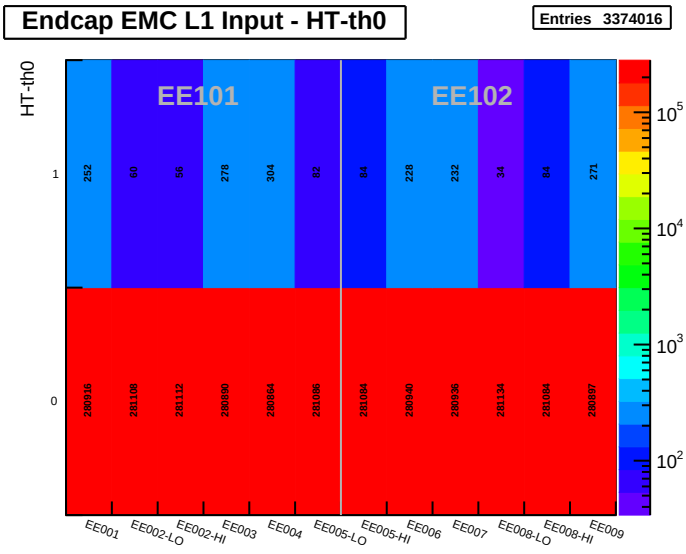

Barrel EMC L1 Input - High Tower Bits
Entries 9511218
HT.TP Bit - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

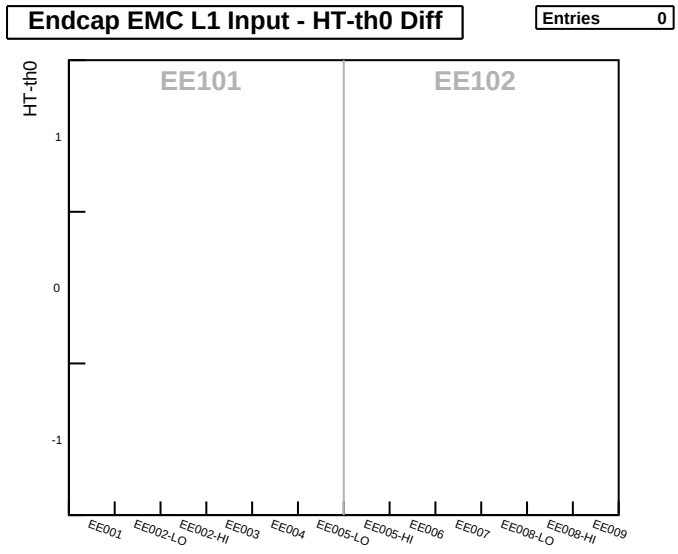

Endcap EMC L1 Input - Low Eta Sum
Entries 3374016
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

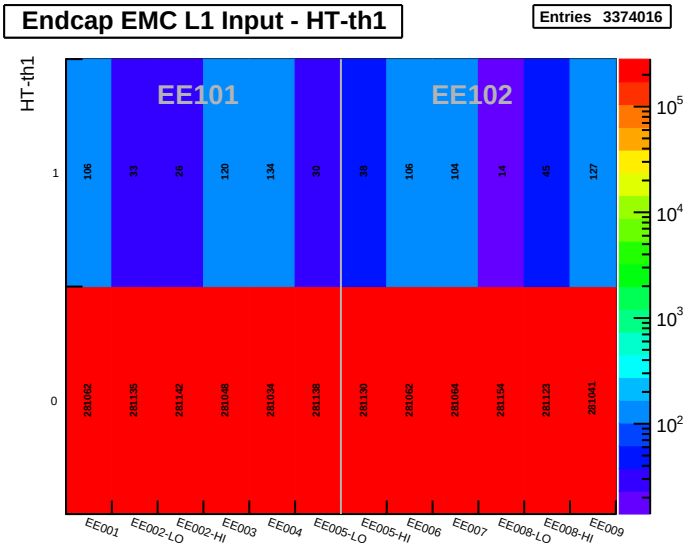

Endcap EMC L1 Input - Low Eta Sum
Entries 6
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

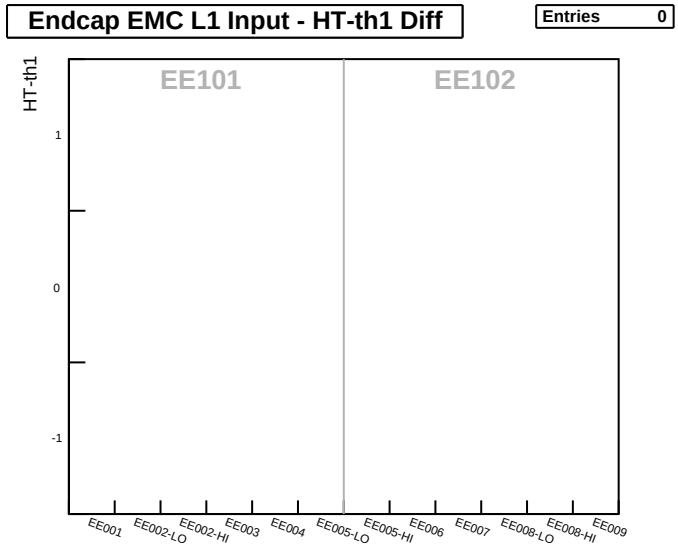

Endcap EMC L1 Input - High Eta Sum
Entries 3374016
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

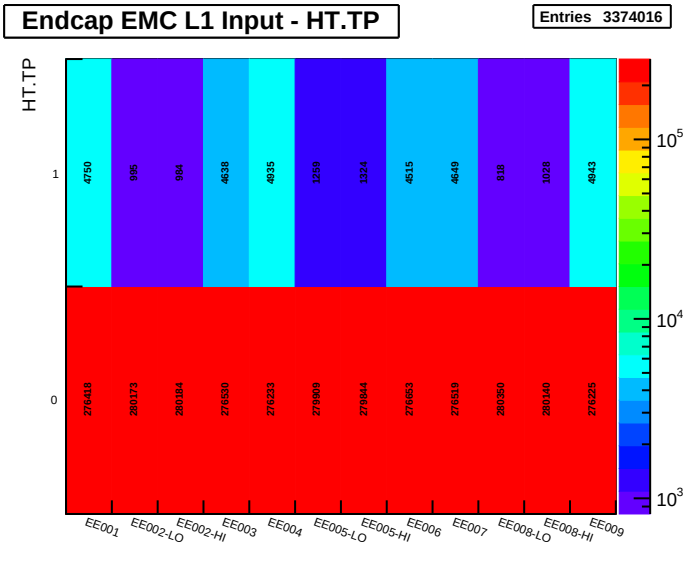

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

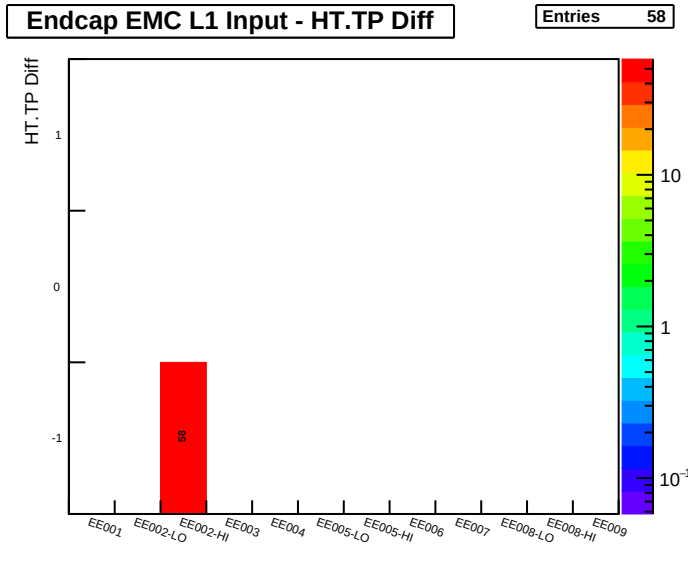

Endcap EMC L1 Input - HT-th0
Entries 3374016
HT-th0
EE101
EE102
1
0
252 60 56 278 304 82 84 228 232 34 84 271
280916 281108 281112 280890 280864 281086 281084 280940 280936 281134 281084 280897
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^5
10^4
10^3
10^2

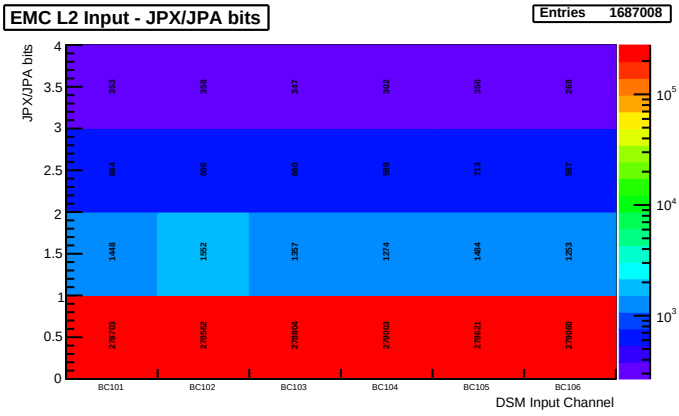

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
HT-th0
EE101
EE102
1
0
-1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

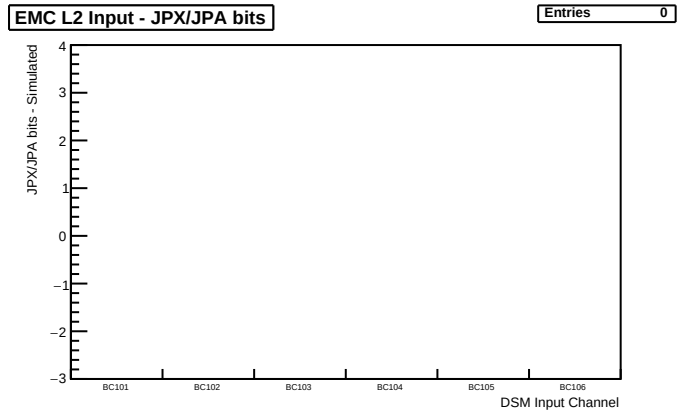

Endcap EMC L1 Input - HT-th1
Entries 3374016
HT-th1
EE101
EE102
1
0
106 33 26 120 134 30 38 106 104 14 45 127
281062 281135 281142 281048 281034 281138 281130 281062 281064 281154 281123 281041
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^5
10^4
10^3
10^2

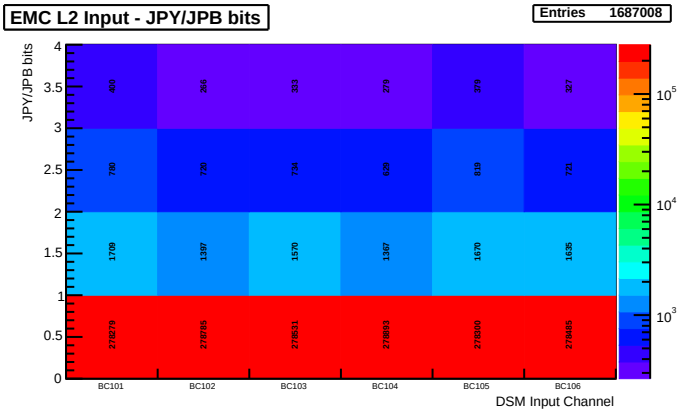

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
HT-th1
EE101
EE102
1
0
-1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

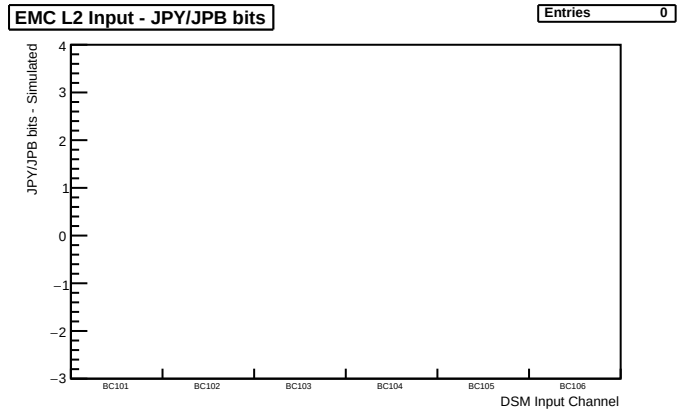

Endcap EMC L1 Input - HT.TP
Entries 3374016
HT.TP
1
0
4750 995 984 4638 4935 1259 1224 4515 4649 910 1028 4943
276418 280173 280184 276530 276233 279909 279844 276653 276519 280350 280140 276225
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^5
10^4
10^3

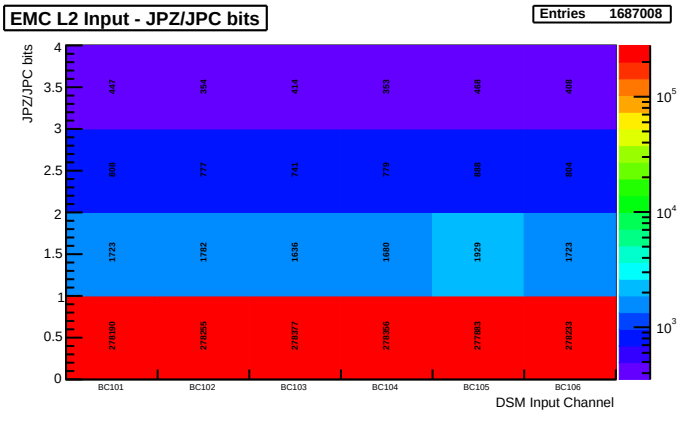

Endcap EMC L1 Input - HT.TP Diff
Entries 58
HT.TP Diff
1
0
-1
58
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10
1
10^{-1}

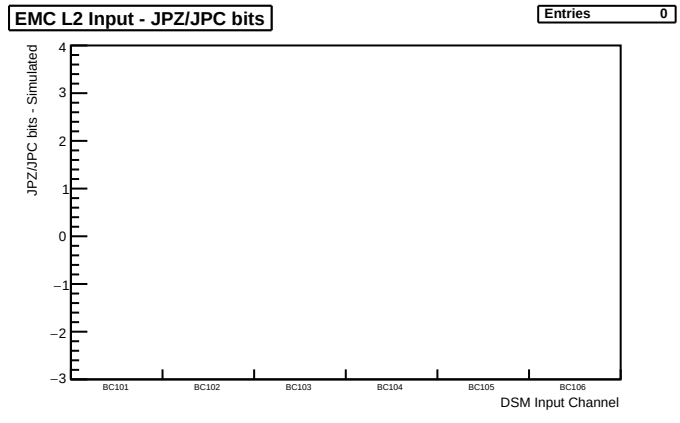

EMC L2 Input - JPX/JPA bits
Entries 1687008
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
353 358 347 302 350 268
664 696 660 599 713 597
1448 1552 1357 1274 1464 1253
278703 278562 278804 278003 278621 278060

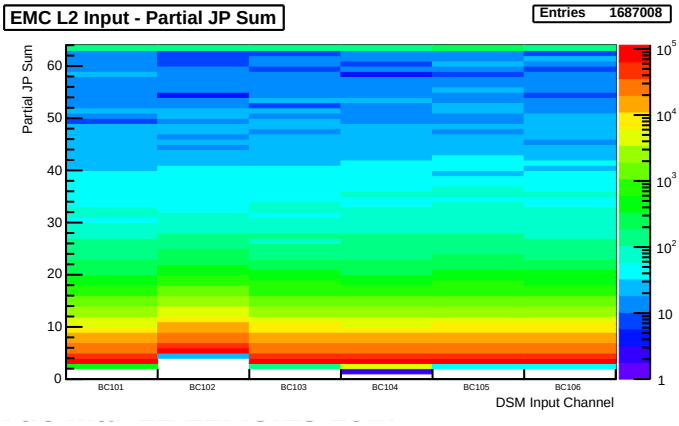

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

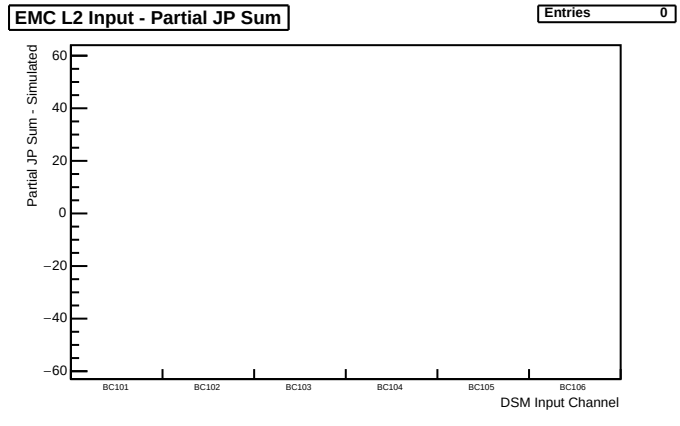

EMC L2 Input - JPY/JPB bits
Entries 1687008
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
400 266 333 279 379 327
760 720 734 628 819 721
1709 1397 1570 1367 1670 1635
278279 278785 278531 278893 278300 278485

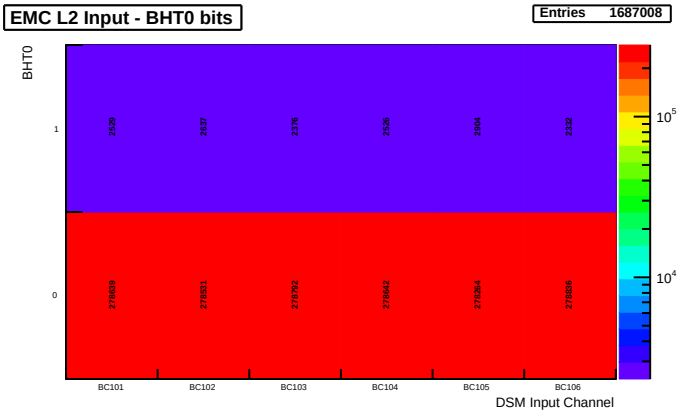

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

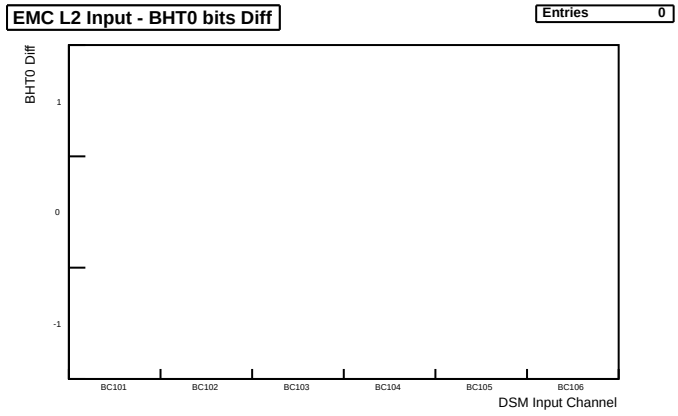

EMC L2 Input - JPZ/JPC bits
Entries 1687008
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
447 354 414 353 468 408
868 777 741 779 838 804
1723 1732 1636 1680 1929 1723
278190 278255 278377 278356 277883 278233

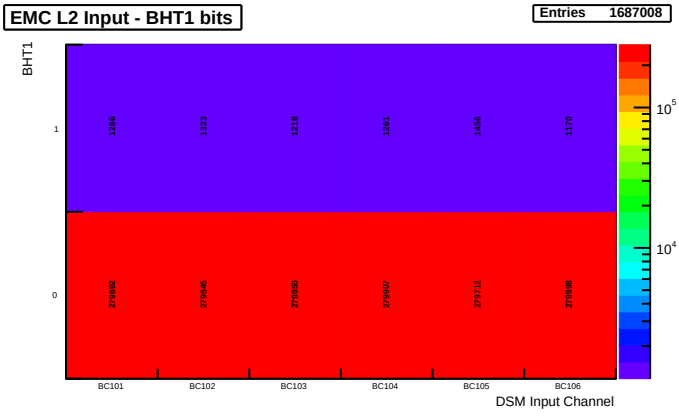

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

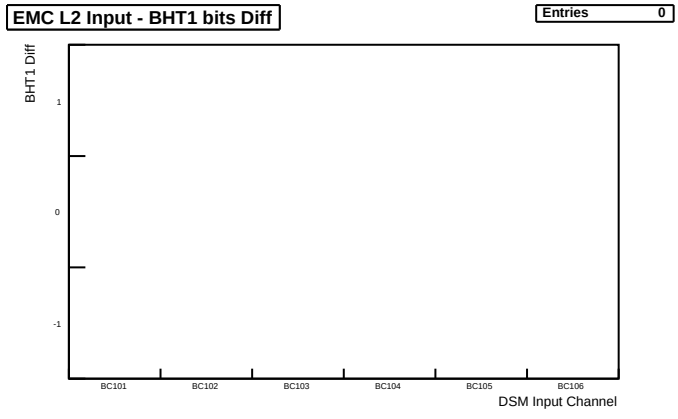

EMC L2 Input - Partial JP Sum
Entries 1687008
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

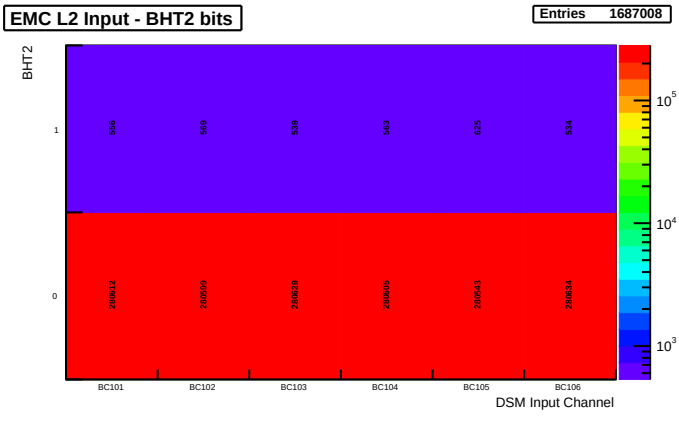

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

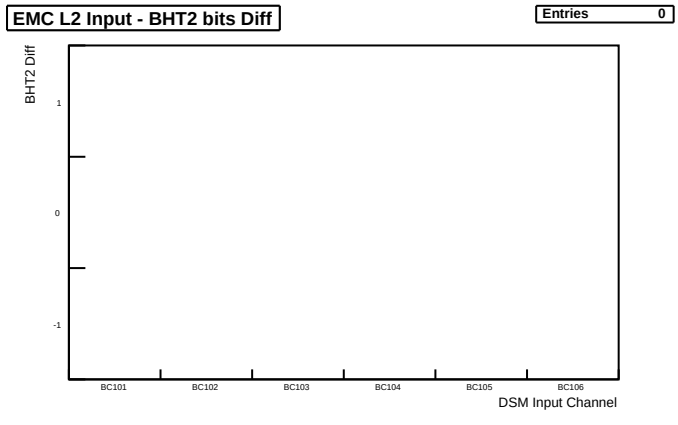

EMC L2 Input - BHT0 bits
Entries 1687008
BHT0
1
0
2529
2637
2376
2526
2904
2332
278839
278931
278792
278942
278864
278836
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^5
10^4

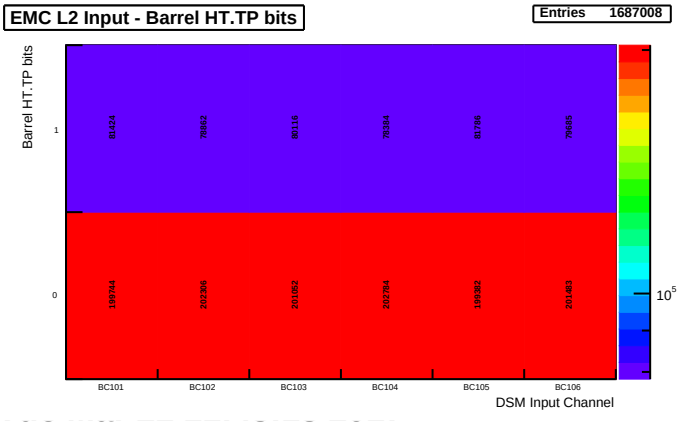

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

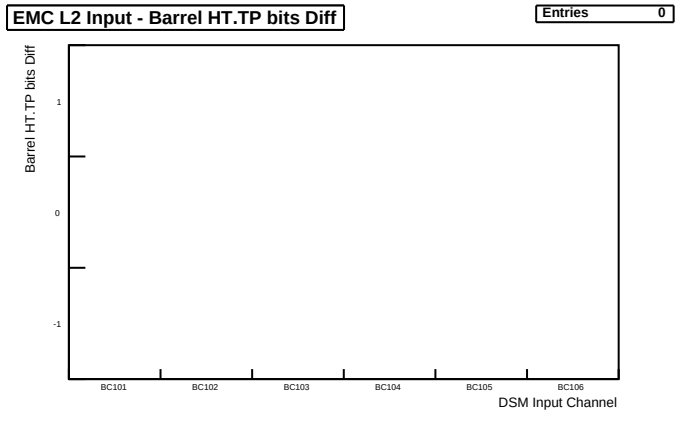

EMC L2 Input - BHT1 bits
Entries 1687008
BHT1
1
0
1286
1323
1218
1261
1456
1170
279832
279845
279950
279907
279712
279938
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^5
10^4

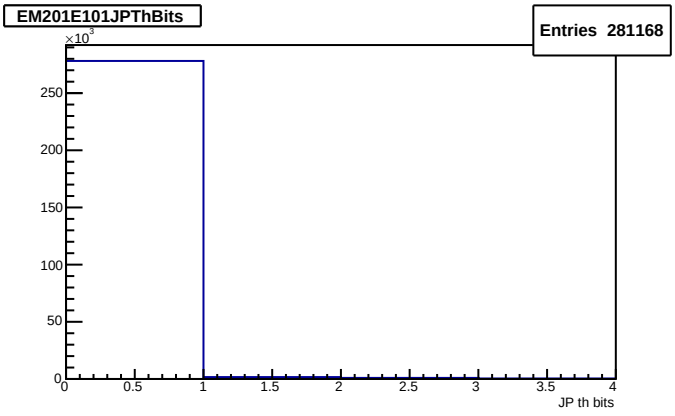

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

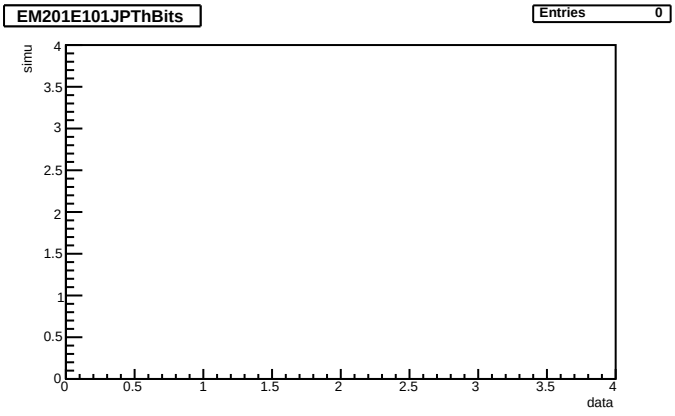

EMC L2 Input - BHT2 bits
Entries 1687008
BHT2
1
0
556
569
539
563
625
534
288612
288599
288629
288605
288543
288634
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^5
10^4
10^3

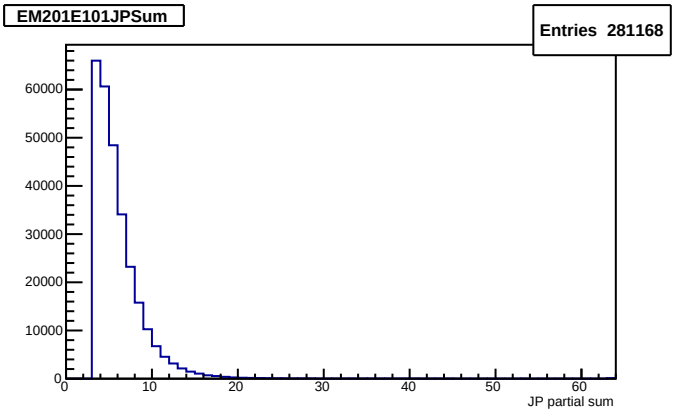

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

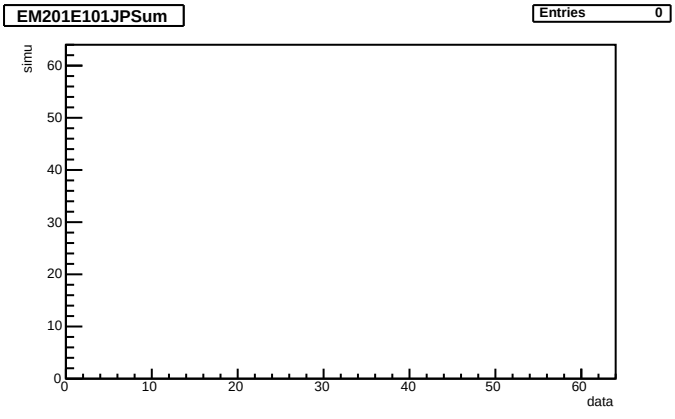

EMC L2 Input - Barrel HT.TP bits
Entries 1687008
Barrel HT.TP bits
1
0
81424
78862
80116
78384
81786
79585
199744
202306
201052
202784
199382
201483
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^5

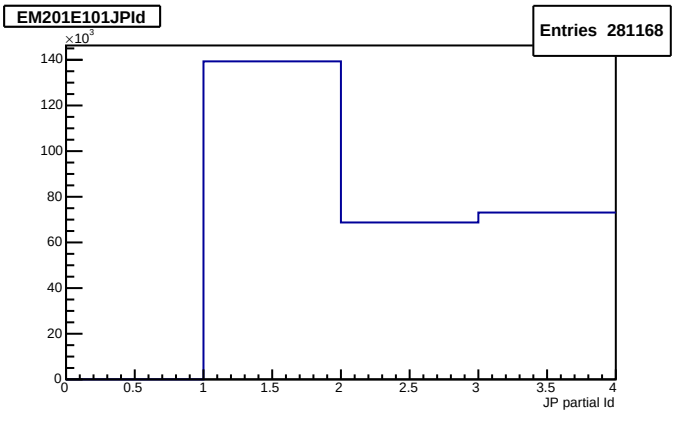

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

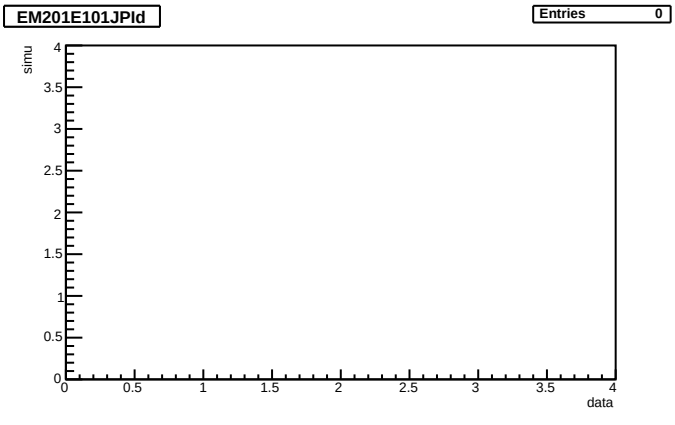

EM201E101JPThBits
Entries 281168
JP th bits

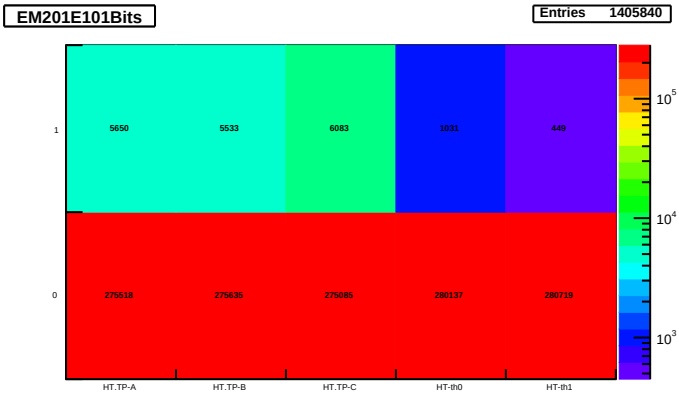

EM201E101JPThBits
Entries 0
simu
data

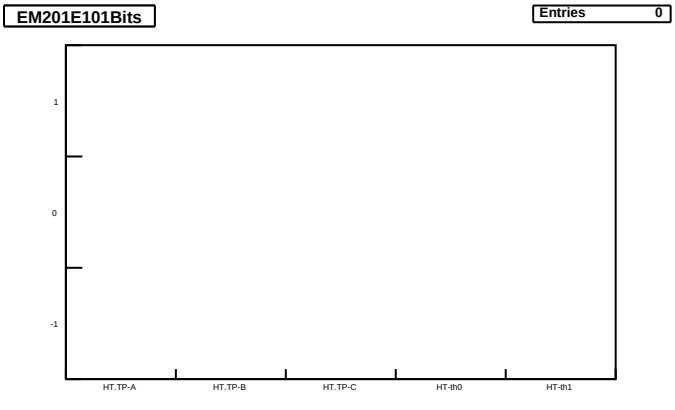

EM201E101JPSum
Entries 281168
JP partial sum

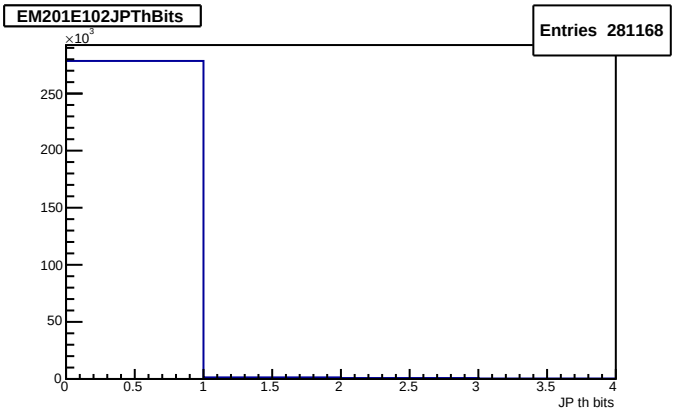

EM201E101JPSum
Entries 0
simu
data

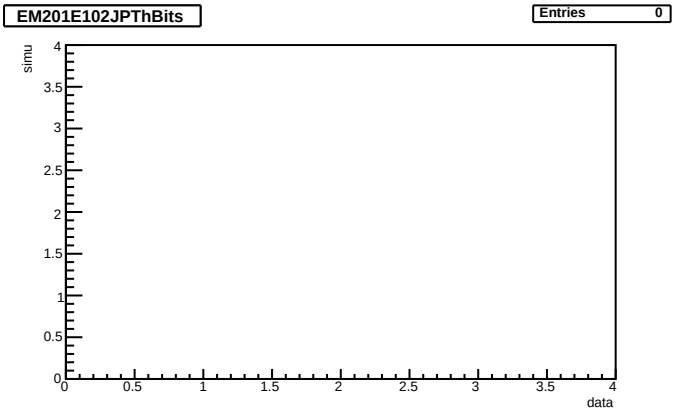

EM201E101JPId
Entries 281168
JP partial Id

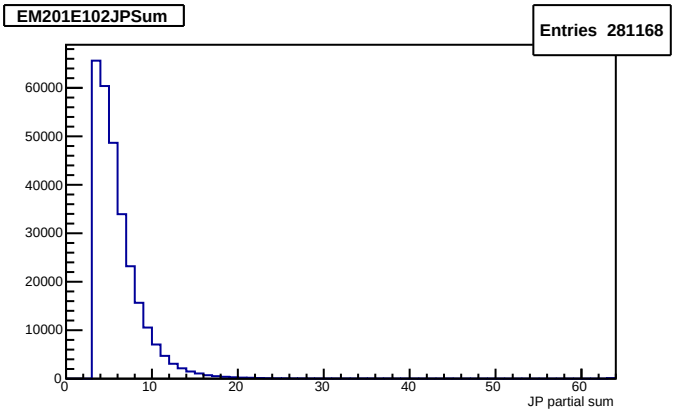

EM201E101JPId
Entries 0
simu
data

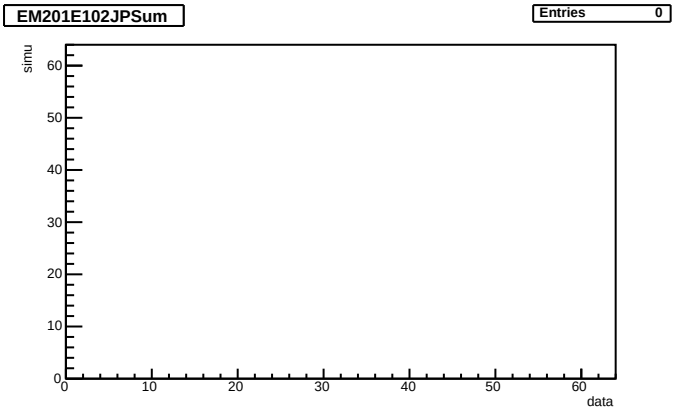

EM201E101Bits
Entries 1405840
5650
5533
6083
1031
449
275518
275635
275085
280137
280719
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

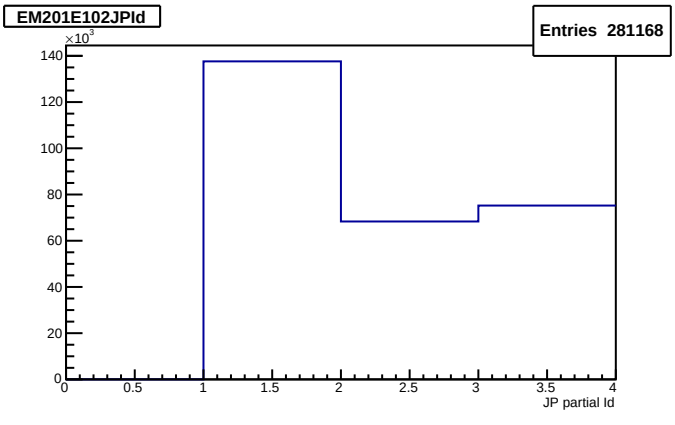

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

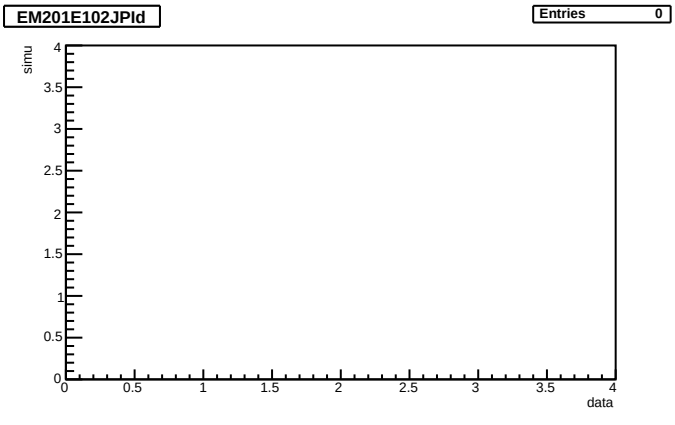

EM201E102JPThBits
Entries 281168
×10^3
JP th bits

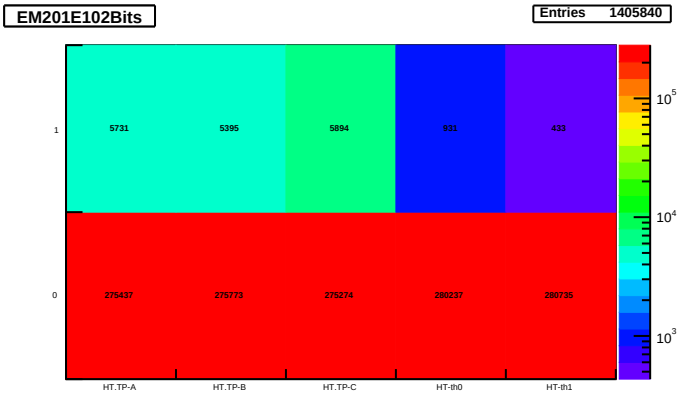

EM201E102JPThBits
Entries 0
simu
data

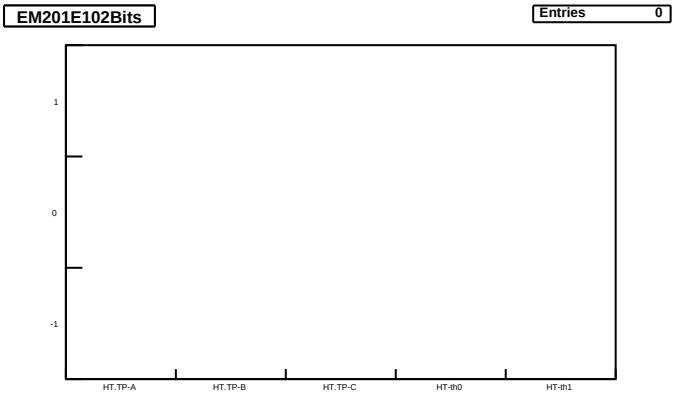

EM201E102JPSum
Entries 281168
JP partial sum

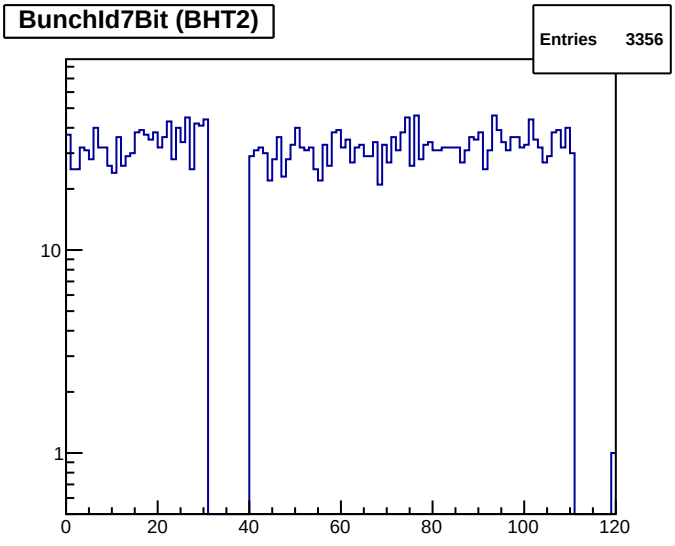

EM201E102JPSum
Entries 0
simu
data

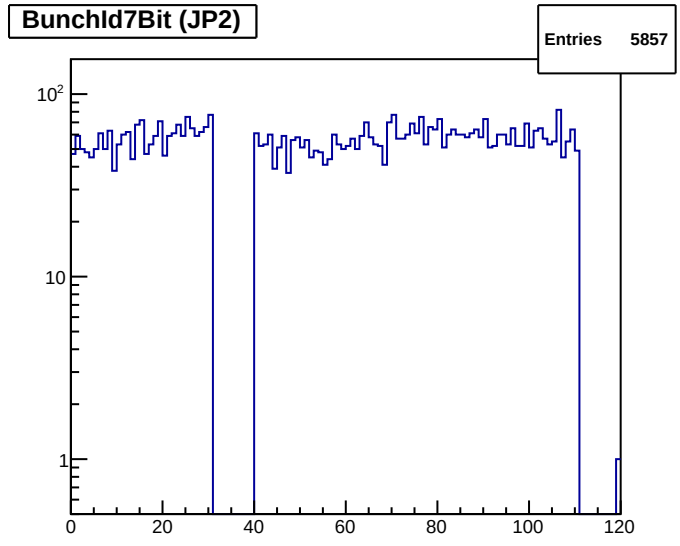

EM201E102JPId
Entries 281168
×10^3
JP partial Id

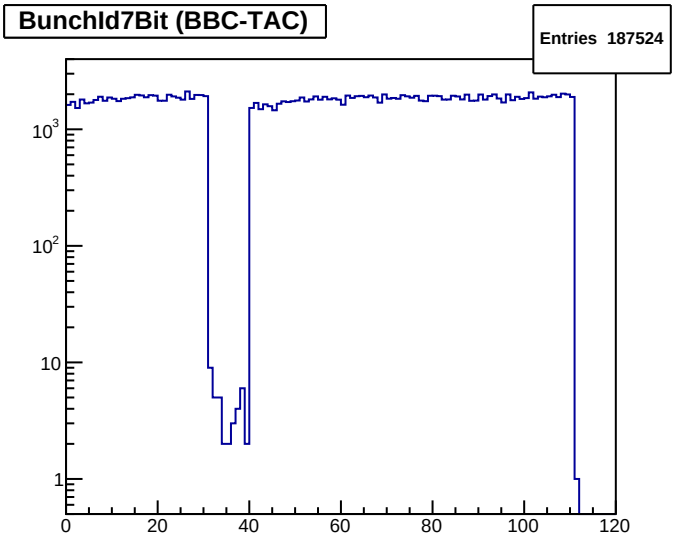

EM201E102JPId
Entries 0
simu
data

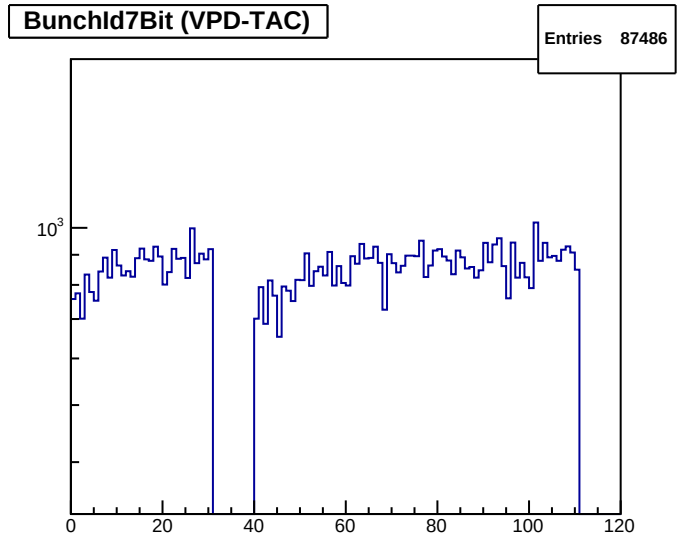

EM201E102Bits
Entries 1405840
5731
5395
5894
931
433
275437
275773
275274
280237
280735
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

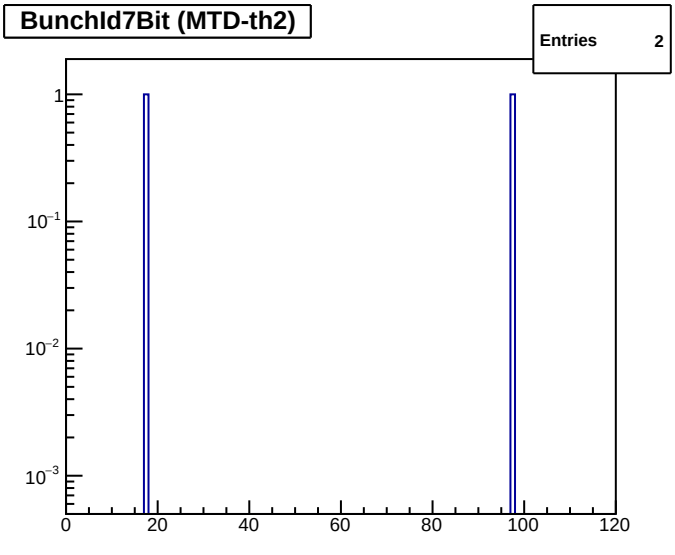

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

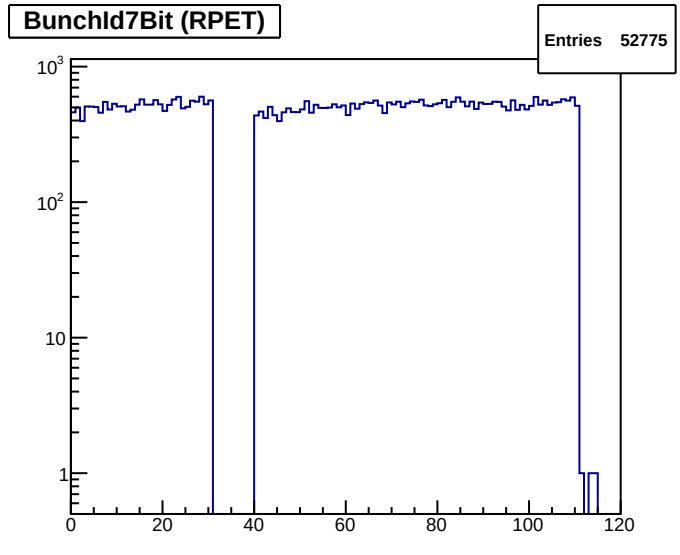

BunchId7Bit (BHT2)
Entries 3356
10
1
0
20
40
60
80
100
120

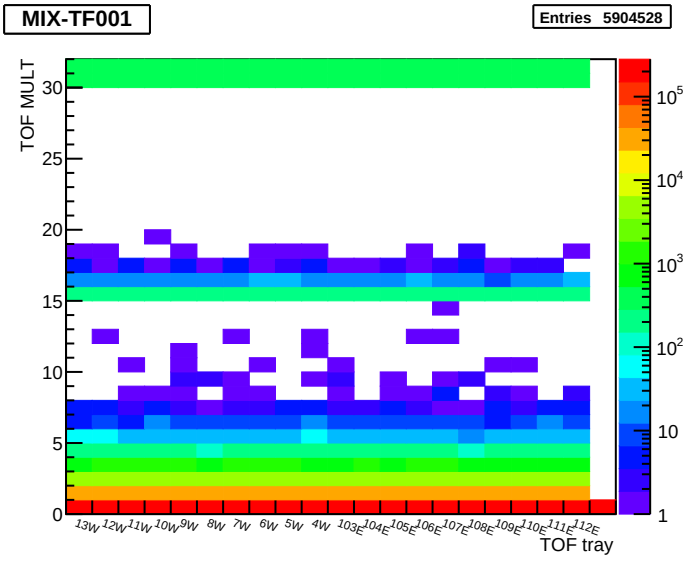

BunchId7Bit (JP2)
Entries 5857
10^2
10
1
0
20
40
60
80
100
120

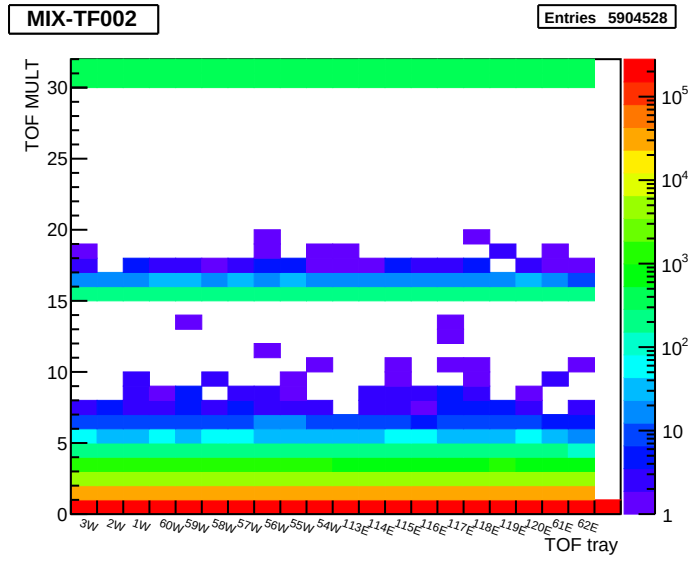

BunchId7Bit (BBC-TAC)
Entries 187524
10^3
10^2
10
1
0
20
40
60
80
100
120

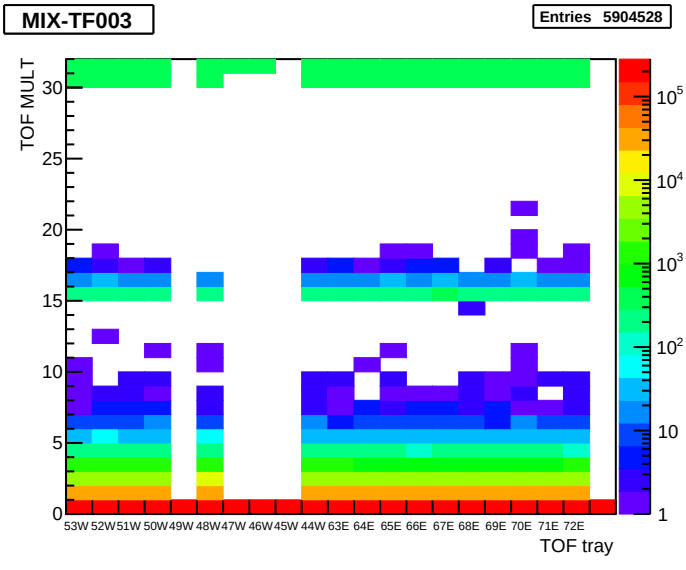

BunchId7Bit (VPD-TAC)
Entries 87486
10^3
0
20
40
60
80
100
120

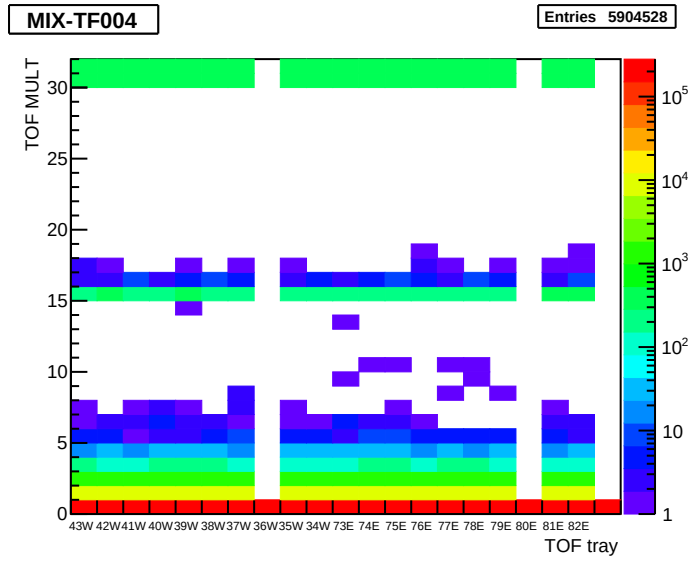

BunchId7Bit (MTD-th2)
Entries 2
1
10^{-1}
10^{-2}
10^{-3}
0
20
40
60
80
100
120

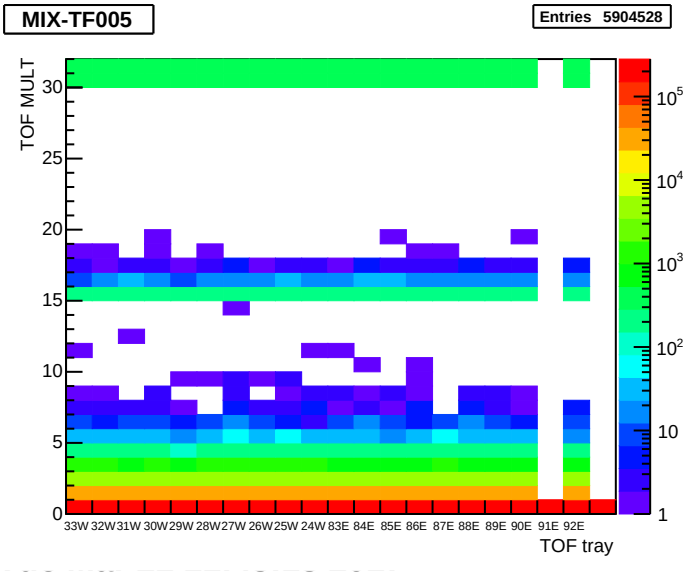

BunchId7Bit (RPET)
Entries 52775
10^3
10^2
10
1
0
20
40
60
80
100
120

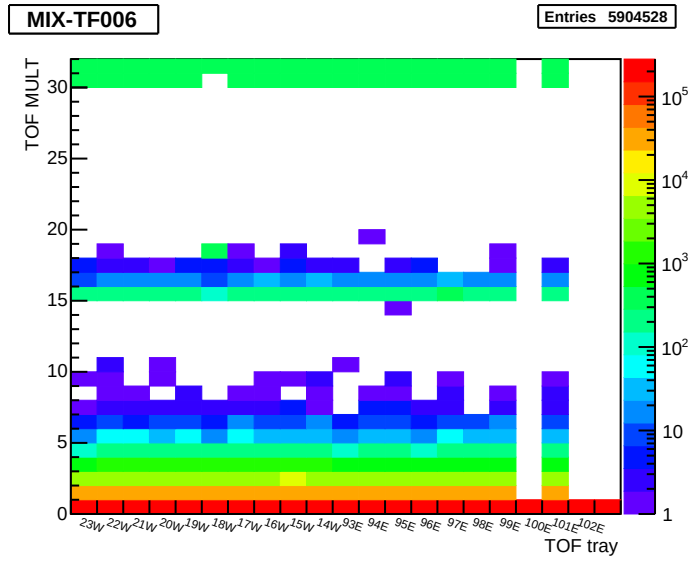

MIX-TF001
Entries 5904528
TOF MULT
TOF tray

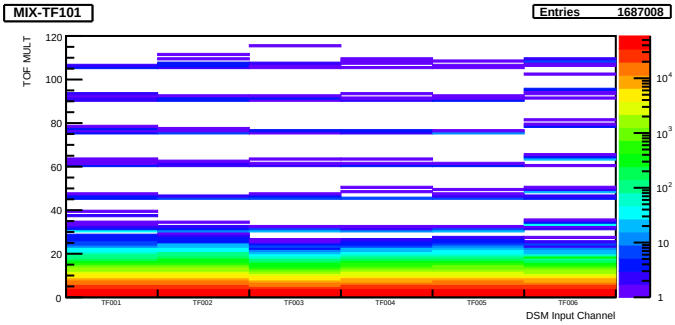

MIX-TF002
Entries 5904528
TOF MULT
TOF tray

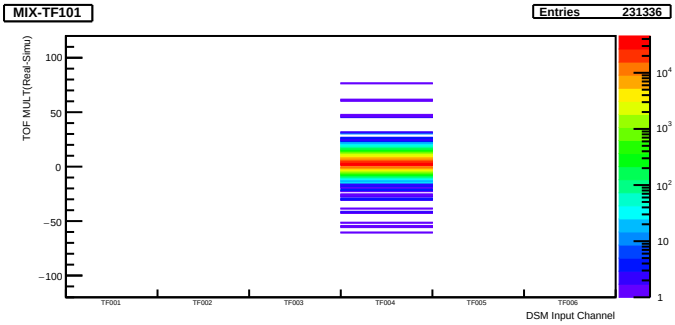

MIX-TF003
Entries 5904528
TOF MULT
TOF tray

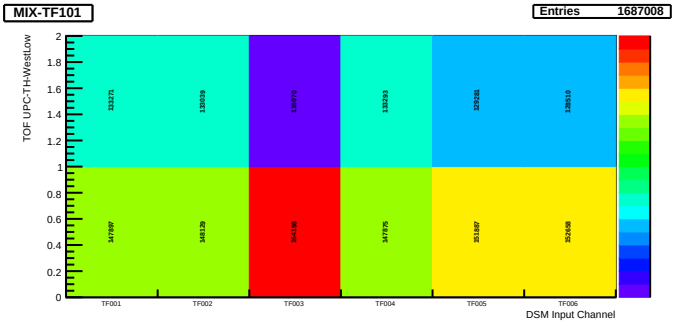

MIX-TF004
Entries 5904528
TOF MULT
TOF tray

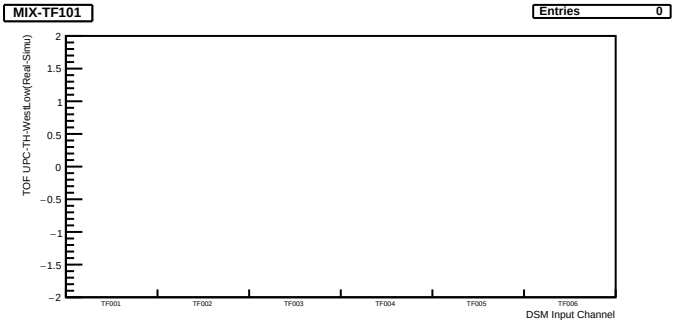

MIX-TF005
Entries 5904528
TOF MULT
TOF tray

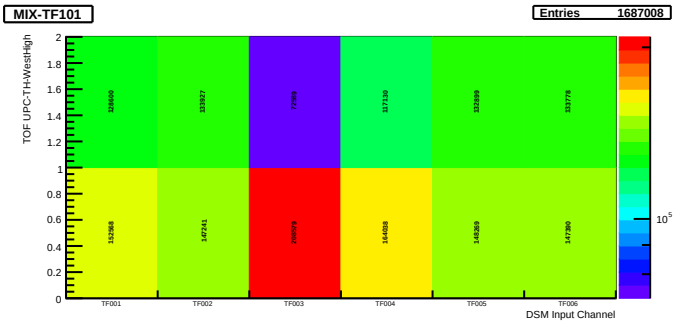

MIX-TF006
Entries 5904528
TOF MULT
TOF tray

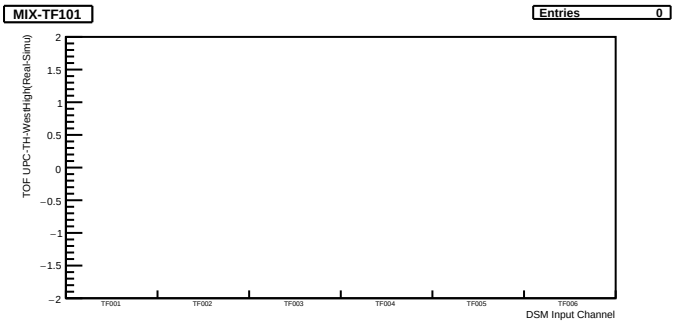

MIX-TF101
Entries 1687008
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

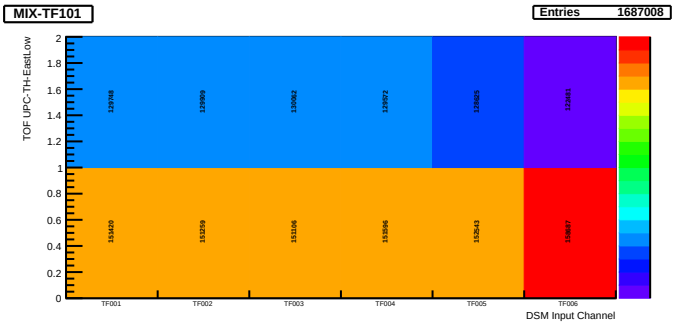

MIX-TF101
Entries 231336
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

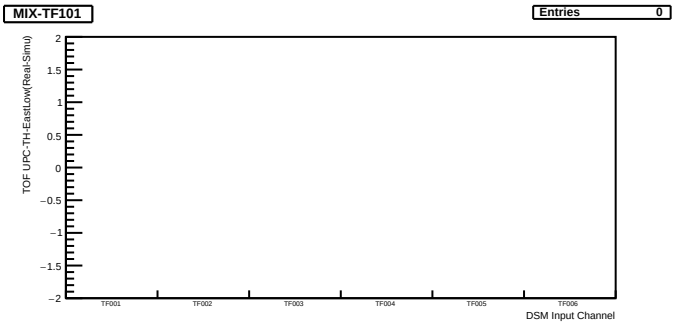

MIX-TF101
Entries 1687008
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

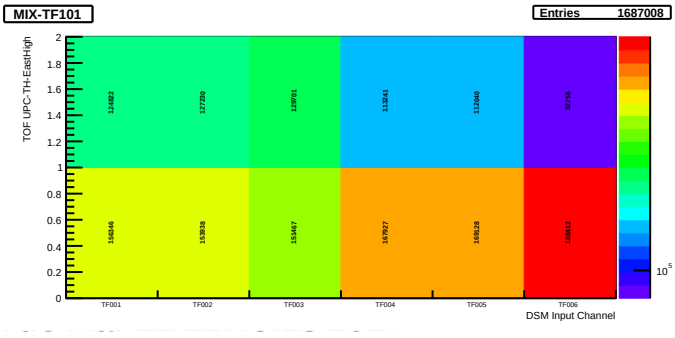

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

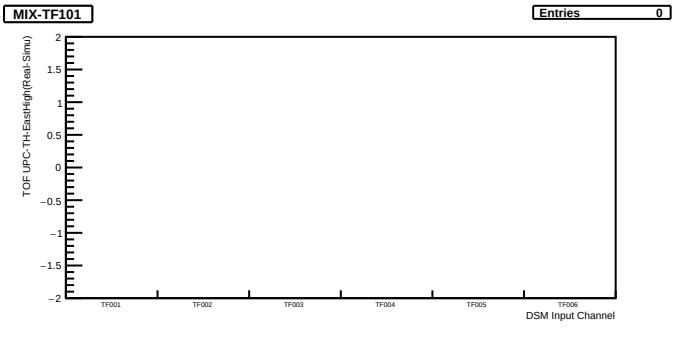

MIX-TF101
Entries 1687008
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

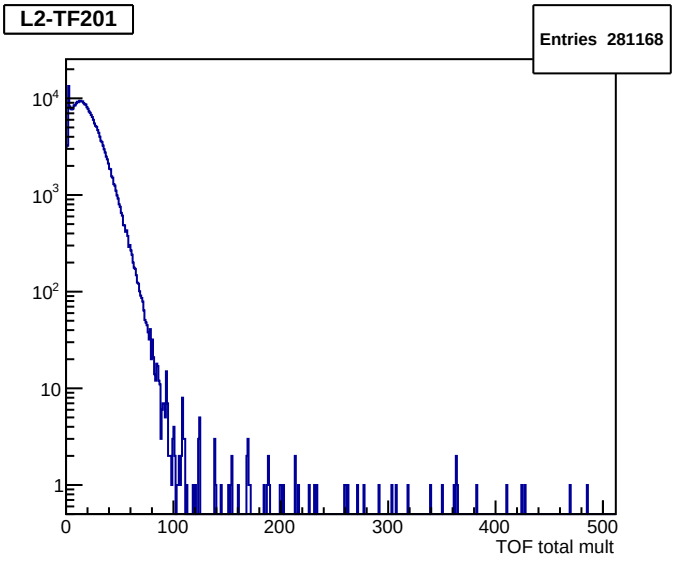

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

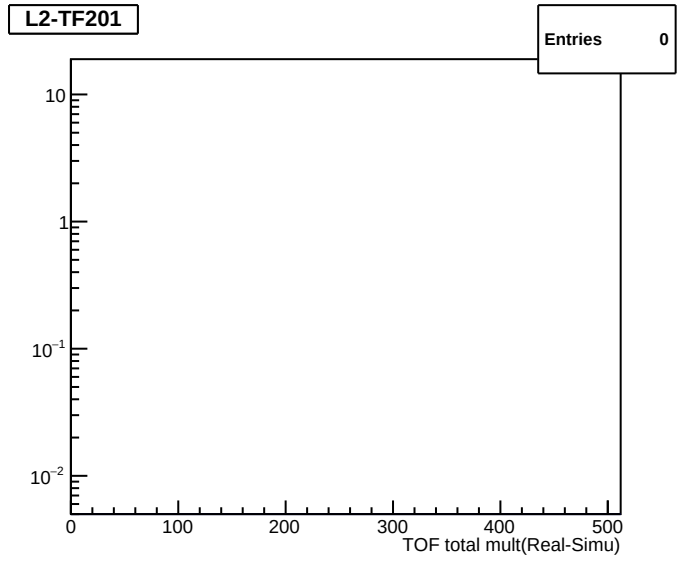

MIX-TF101
Entries 1687008
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

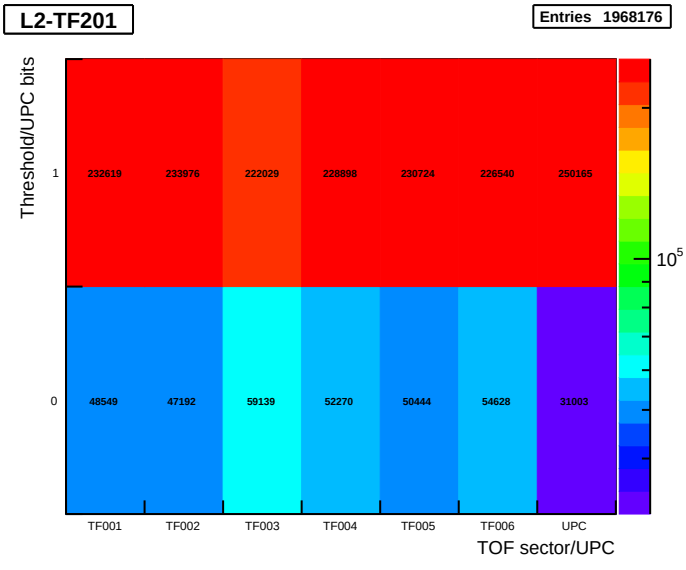

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

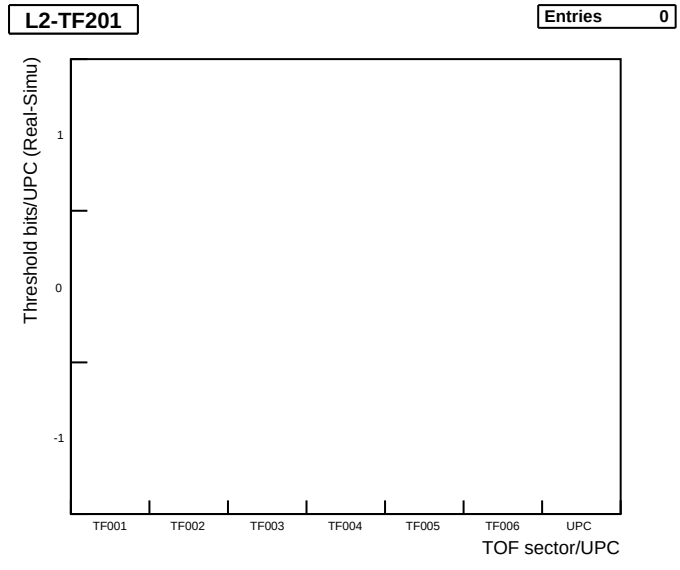

MIX-TF101
Entries 1687008
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

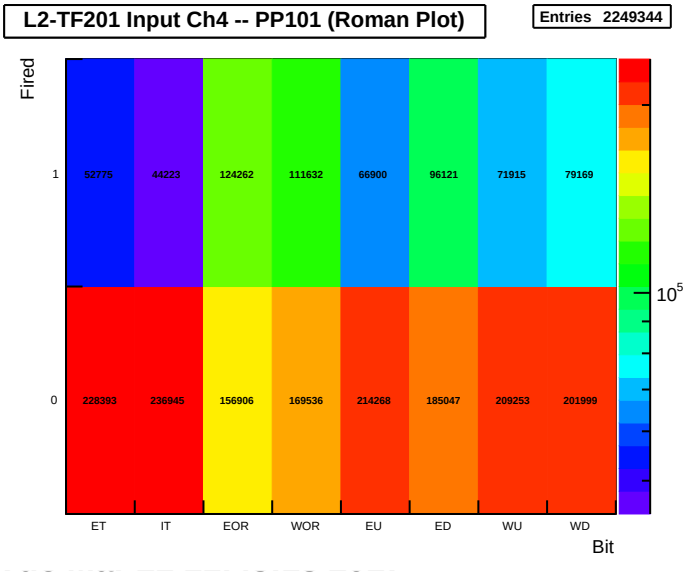

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

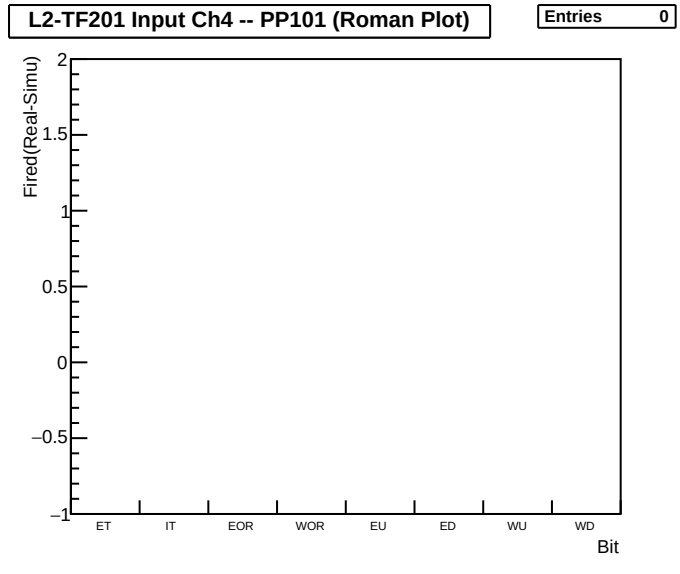

L2-TF201
Entries 281168
TOF total mult

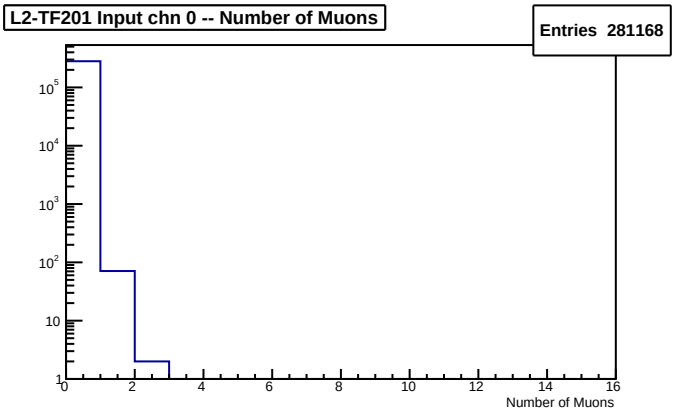

L2-TF201
Entries 0
TOF total mult(Real-Simu)

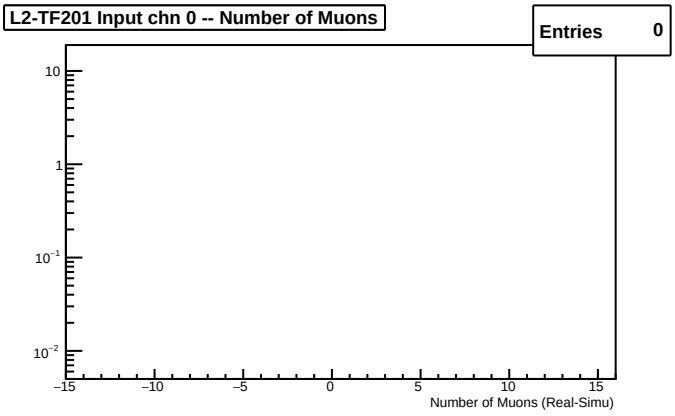

L2-TF201
Entries 1968176
Threshold/UPC bits
232619
233976
222029
228898
230724
226540
250165
48549
47192
59139
52270
50444
54628
31003
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

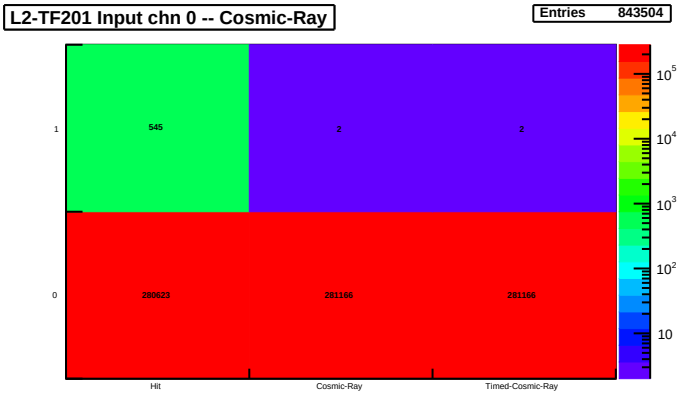

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

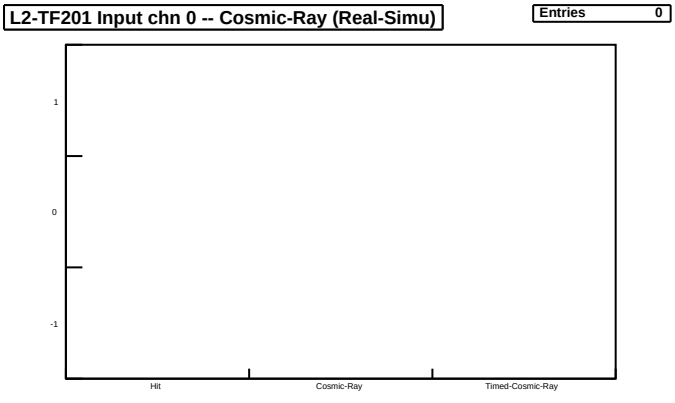

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 2249344
Fired
52775
44223
124262
111632
66900
96121
71915
79169
228393
236945
156906
169536
214268
185047
209253
201999
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

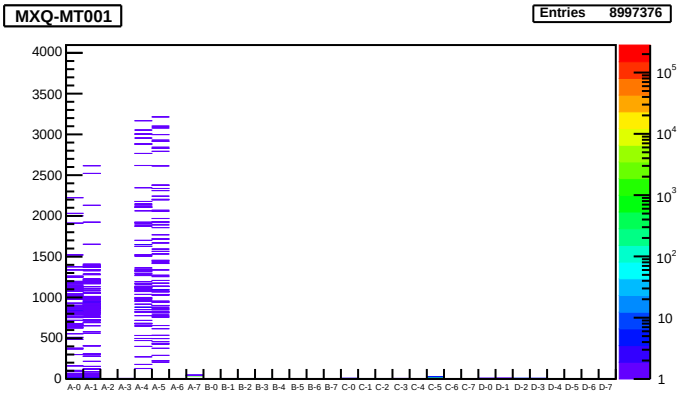

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

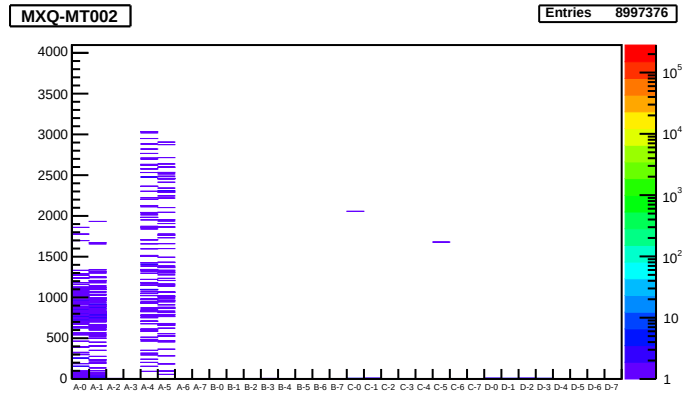

L2-TF201 Input chn 0 -- Number of Muons
Entries 281168
Number of Muons

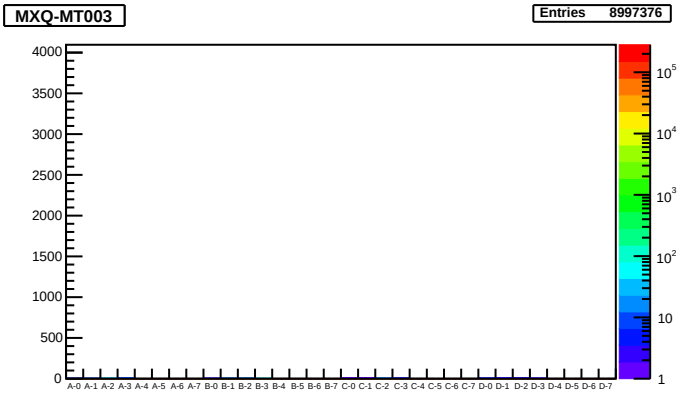

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

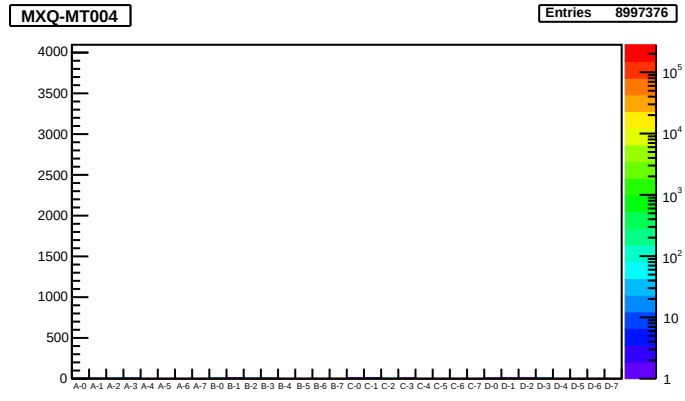

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 843504
545
2
2
280623
281166
281166
Hit
Cosmic-Ray
Timed-Cosmic-Ray

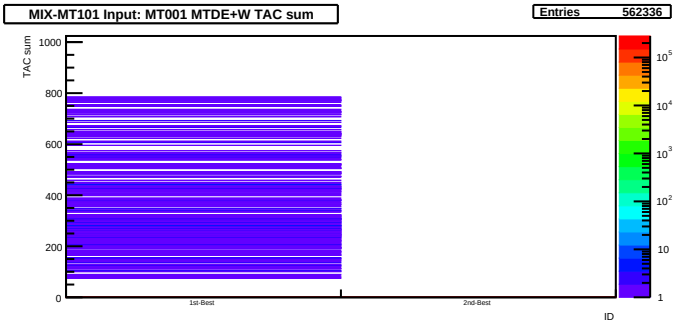

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

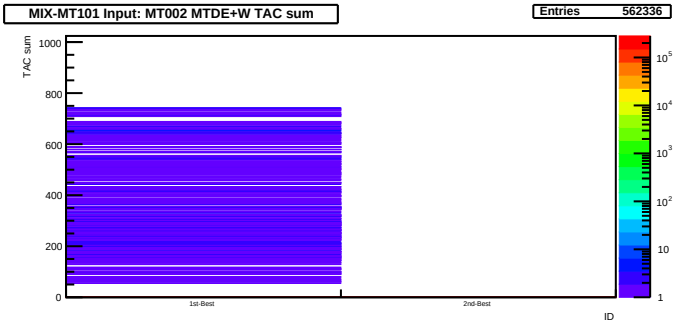

MXQ-MT001
Entries 8997376
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^5
10^4
10^3
10^2
10
1

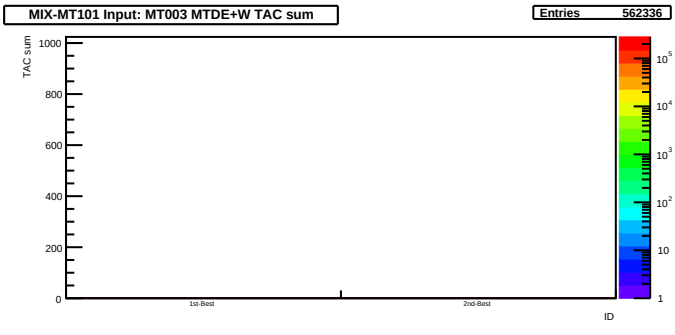

MXQ-MT002
Entries 8997376
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^5
10^4
10^3
10^2
10
1

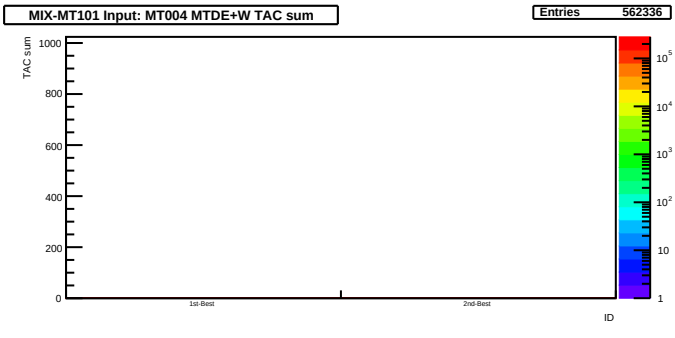

MXQ-MT003
Entries 8997376
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^5
10^4
10^3
10^2
10
1

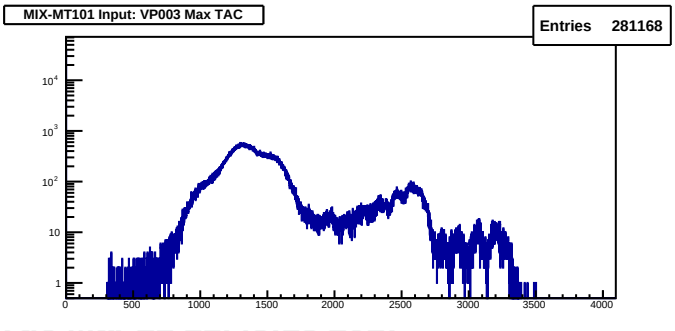

MXQ-MT004
Entries 8997376
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^5
10^4
10^3
10^2
10
1

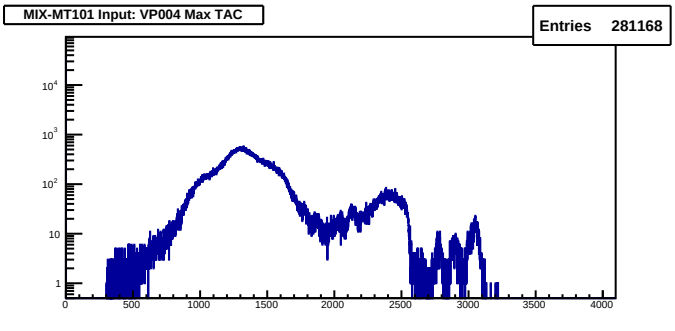

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 562336
TAC sum
1st-Best
2nd-Best
ID

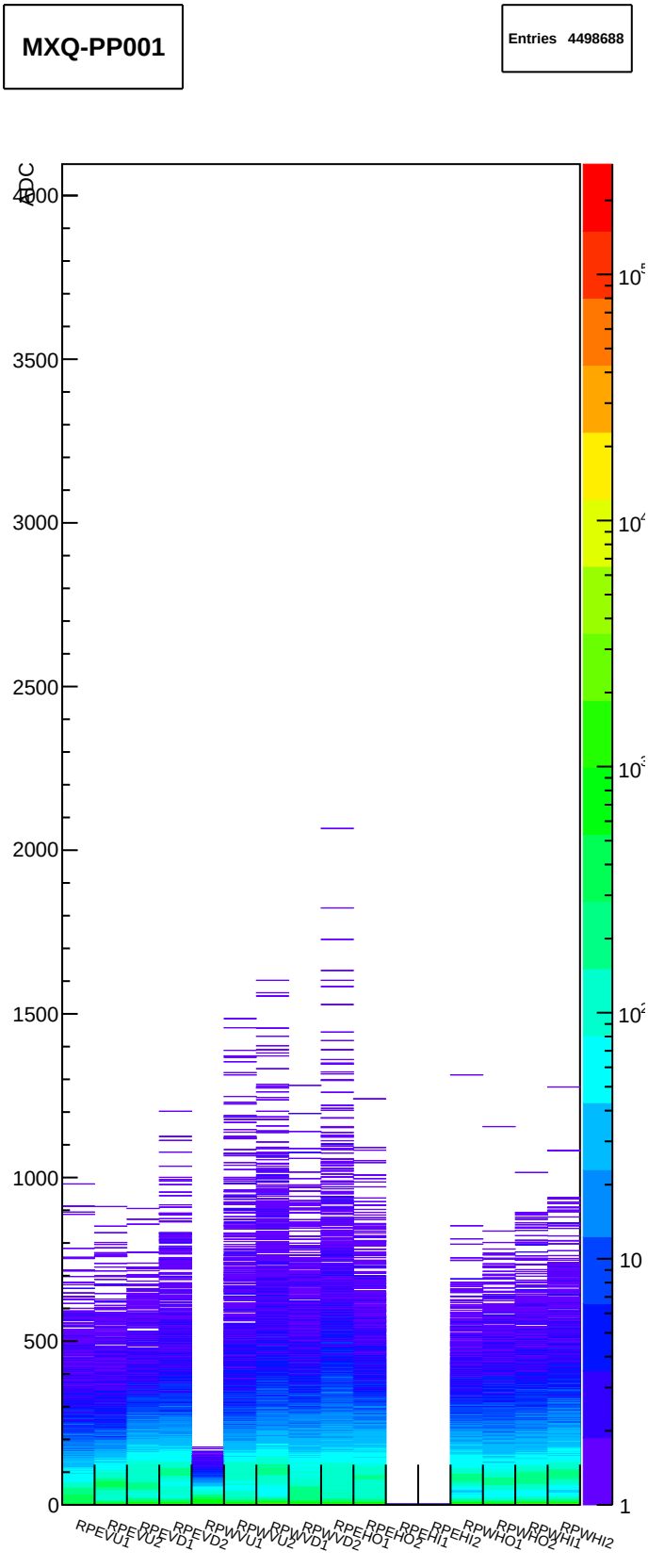

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 562336
TAC sum
1st-Best
2nd-Best
ID

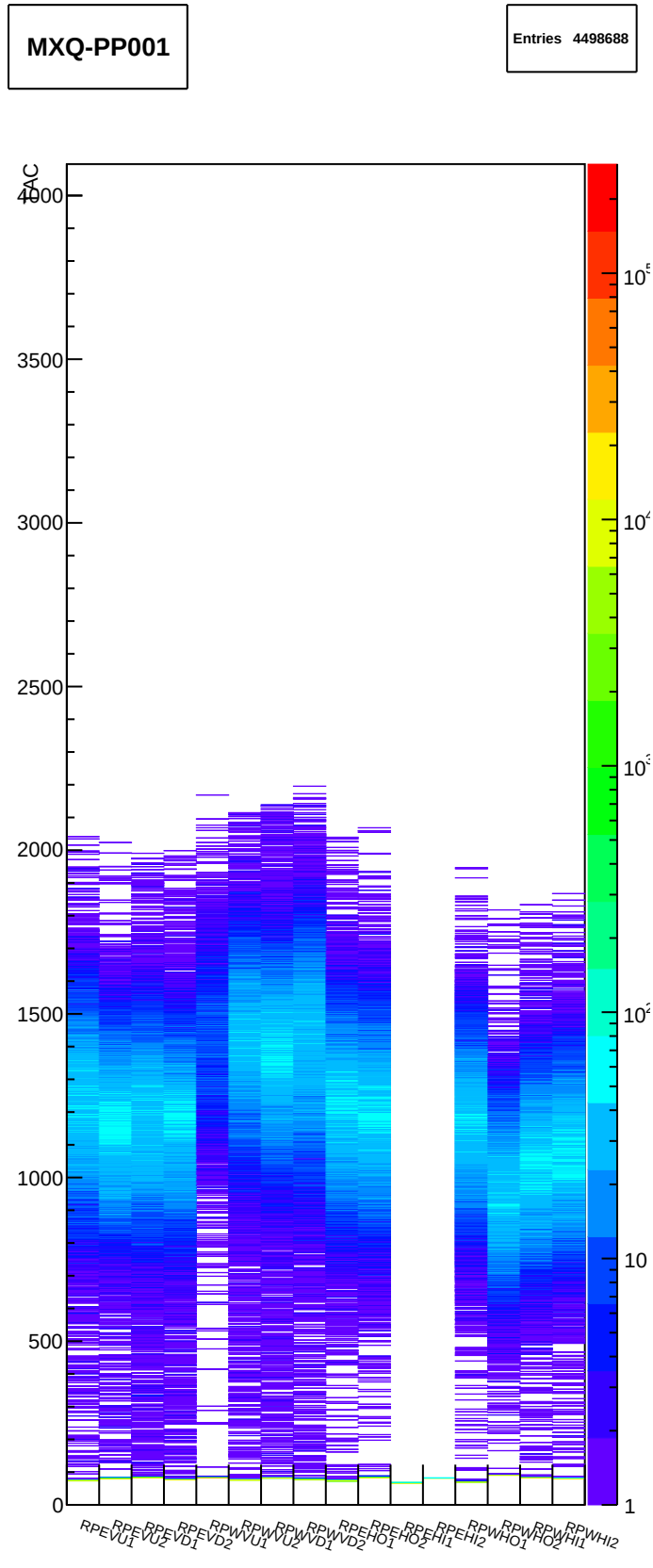

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 562336
TAC sum
1st-Best
2nd-Best
ID

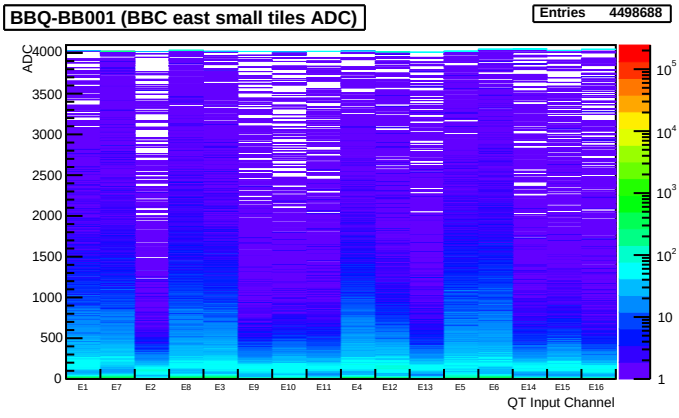

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 562336
TAC sum
1st-Best
2nd-Best
ID

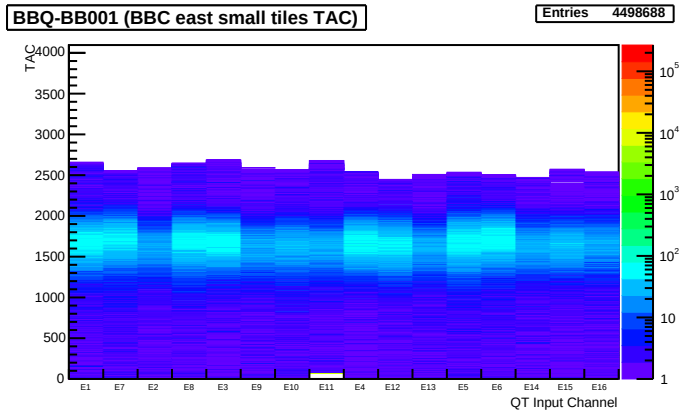

MIX-MT101 Input: VP003 Max TAC
Entries 281168

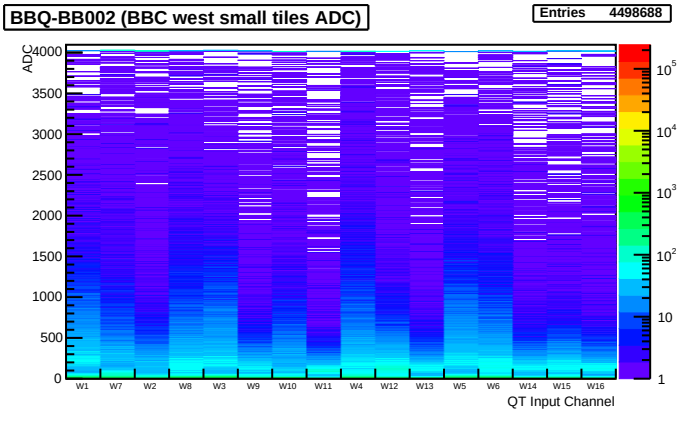

MIX-MT101 Input: VP004 Max TAC
Entries 281168

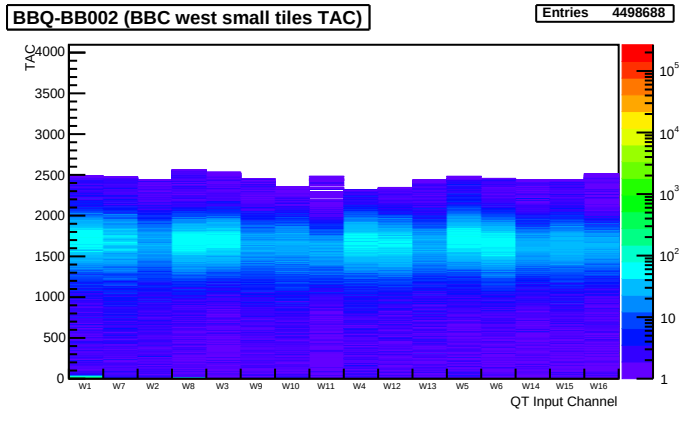

MXQ-PP001
Entries 4498688
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

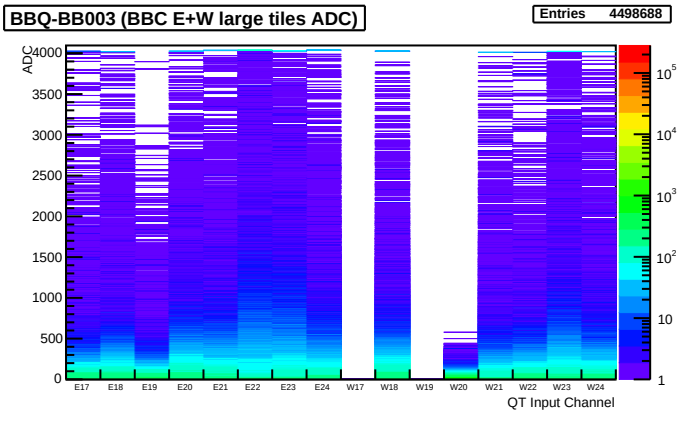

MXQ-PP001
Entries 4498688
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

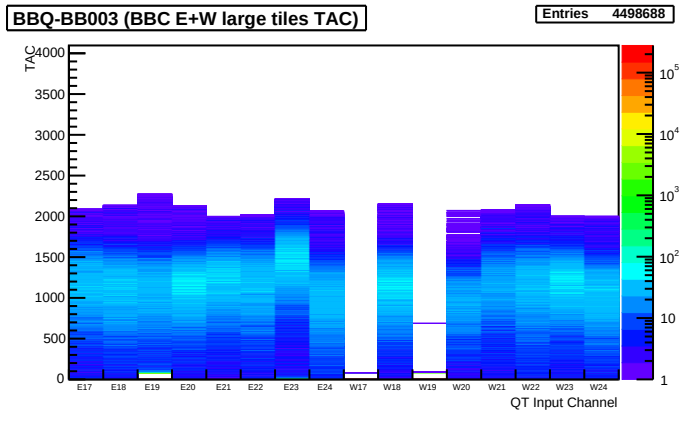

BBQ-BB001 (BBC east small tiles ADC)
Entries 4498688
ADC
QT Input Channel

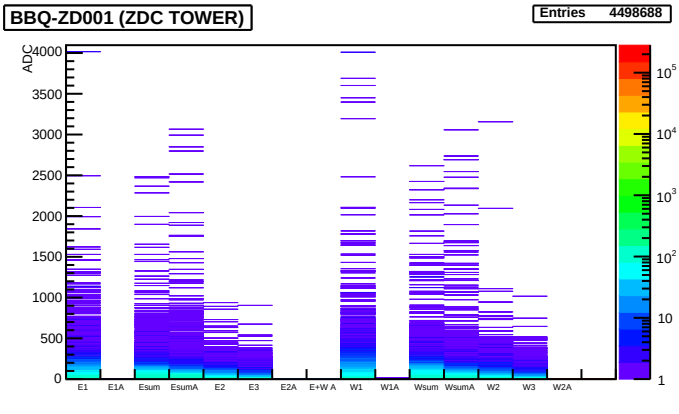

BBQ-BB001 (BBC east small tiles TAC)
Entries 4498688
TAC
QT Input Channel

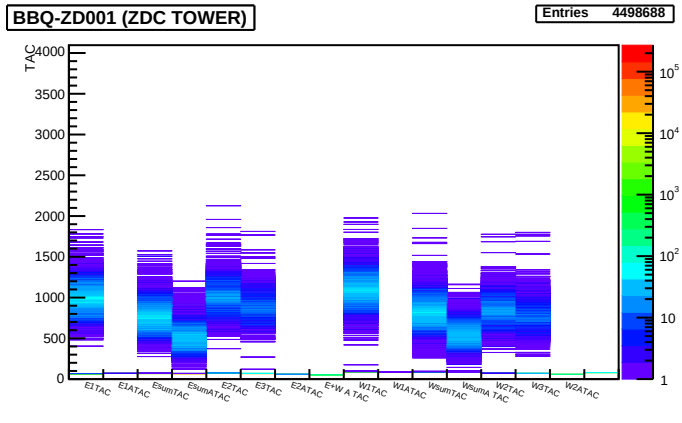

BBQ-BB002 (BBC west small tiles ADC)
Entries 4498688
ADC
QT Input Channel

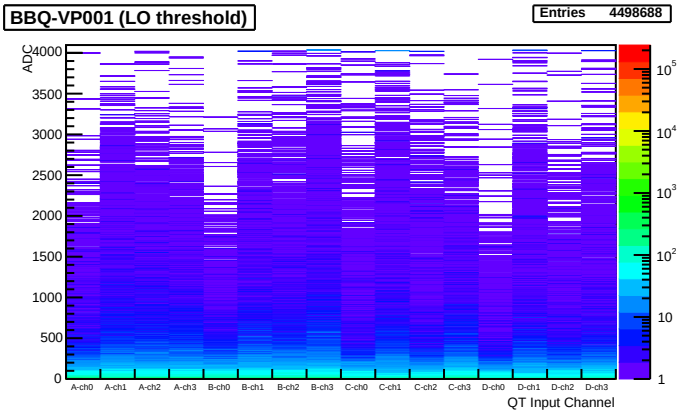

BBQ-BB002 (BBC west small tiles TAC)
Entries 4498688
TAC
QT Input Channel

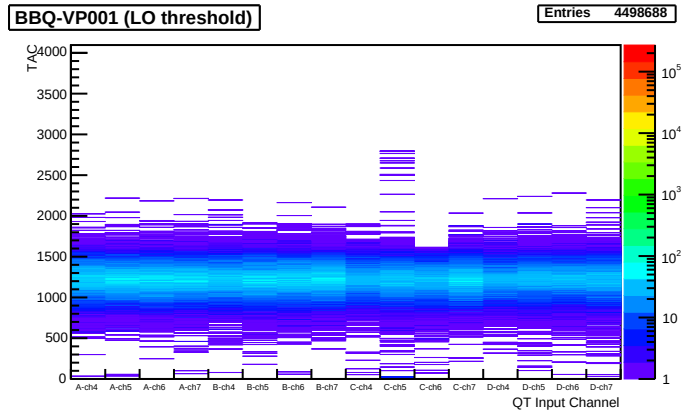

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 4498688
ADC
QT Input Channel

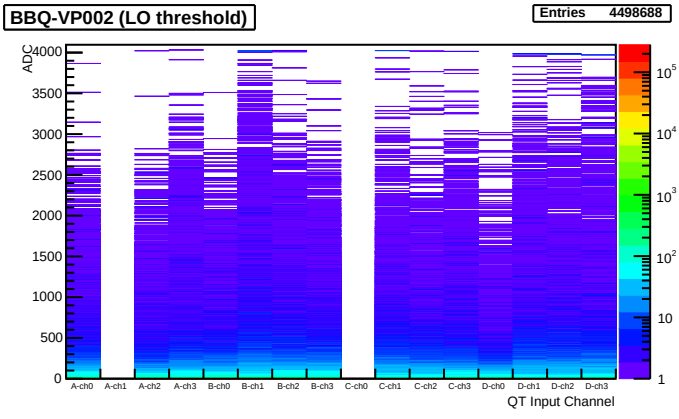

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 4498688
TAC
QT Input Channel

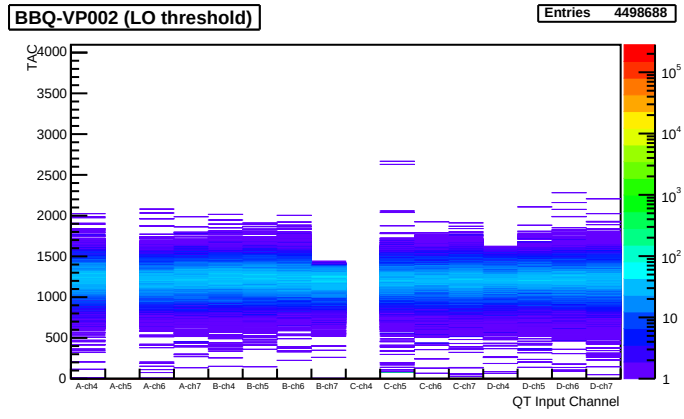

BBQ-ZD001 (ZDC TOWER)
Entries 4498688
ADC

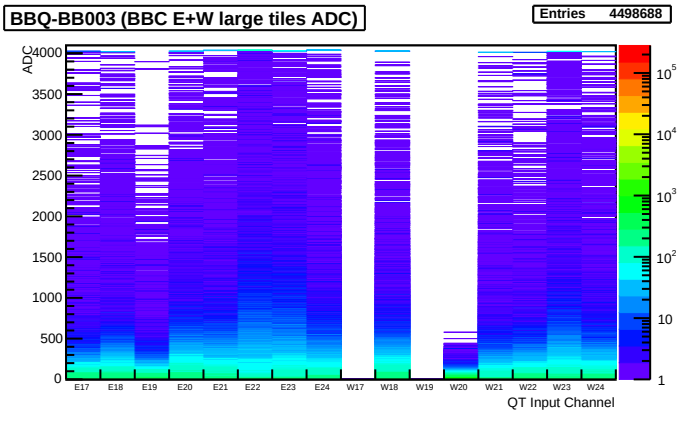

BBQ-ZD001 (ZDC TOWER)
Entries 4498688
TAC

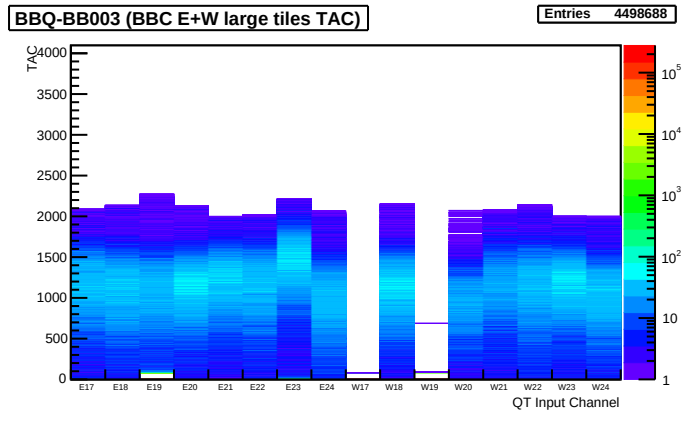

BBQ-VP001 (LO threshold)
Entries 4498688
ADC
QT Input Channel

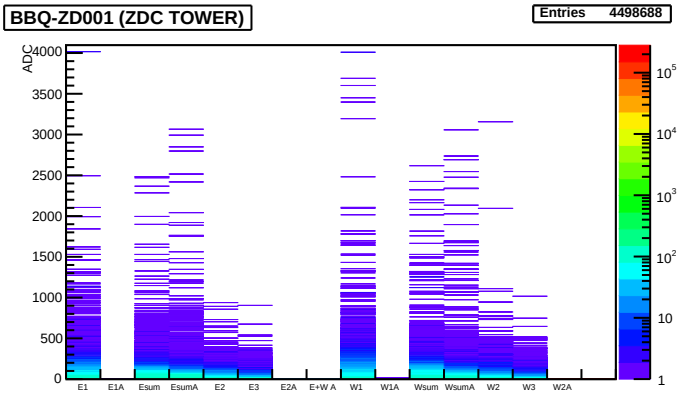

BBQ-VP001 (LO threshold)
Entries 4498688
TAC
QT Input Channel

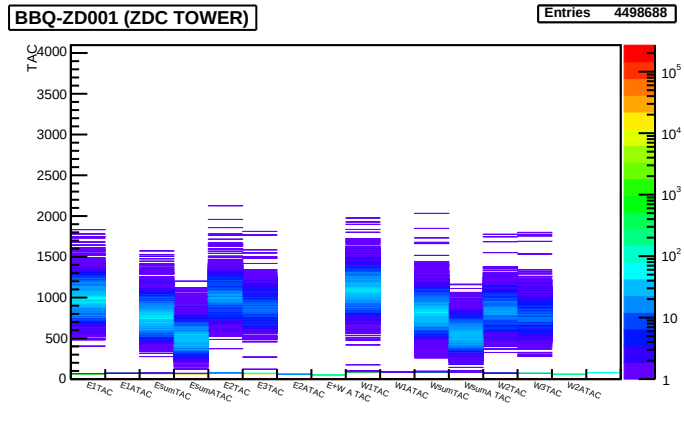

BBQ-VP002 (LO threshold)
Entries 4498688
ADC
QT Input Channel

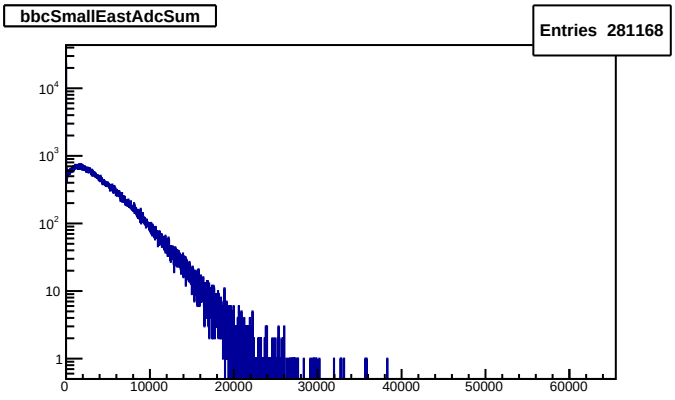

BBQ-VP002 (LO threshold)
Entries 4498688
TAC
QT Input Channel

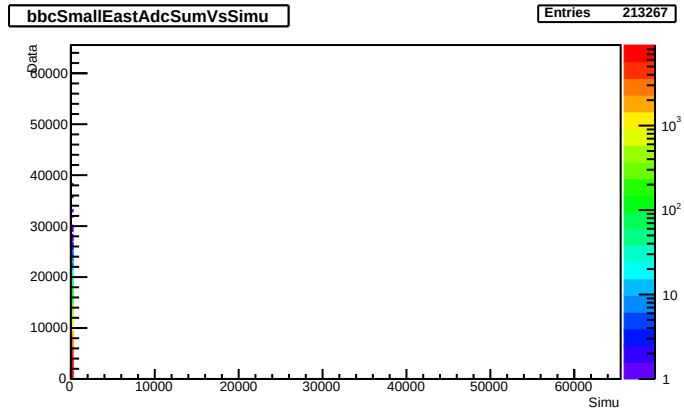

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 4498688
ADC
QT Input Channel

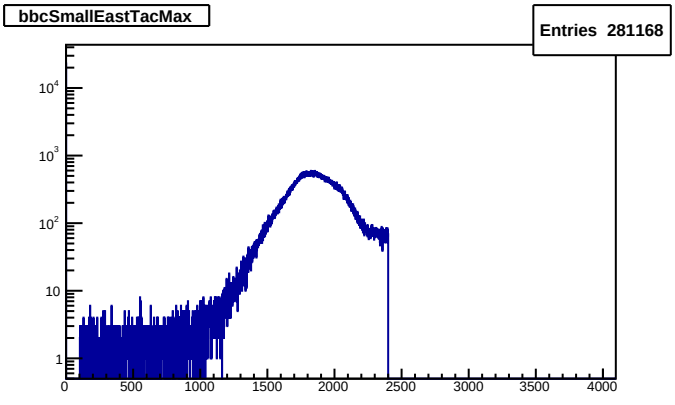

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 4498688
TAC
QT Input Channel

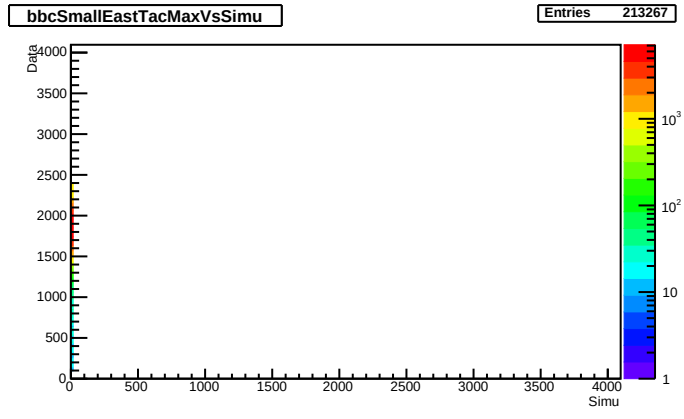

BBQ-ZD001 (ZDC TOWER)
Entries 4498688
ADC

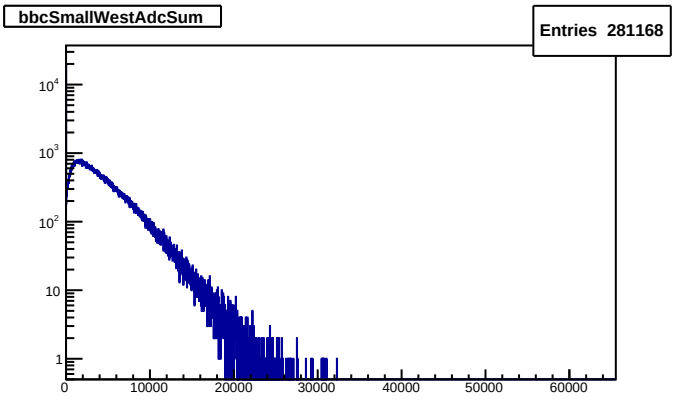

BBQ-ZD001 (ZDC TOWER)
Entries 4498688
TAC

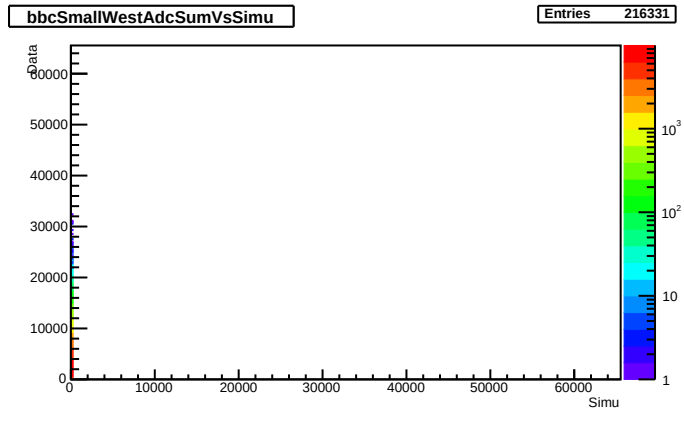

bbcSmallEastAdcSum
Entries 281168

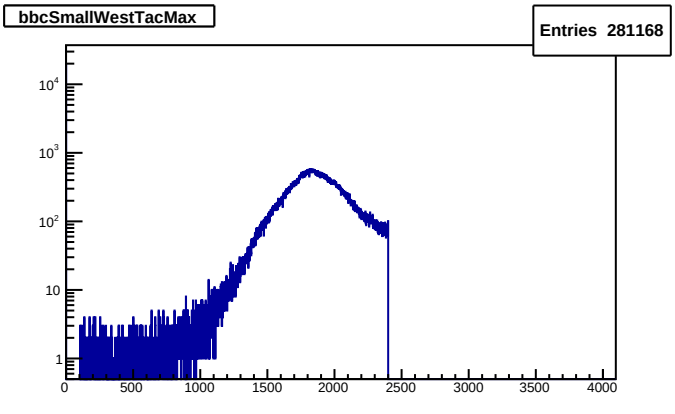

bbcSmallEastAdcSumVsSimu
Entries 213267
Data
Simu

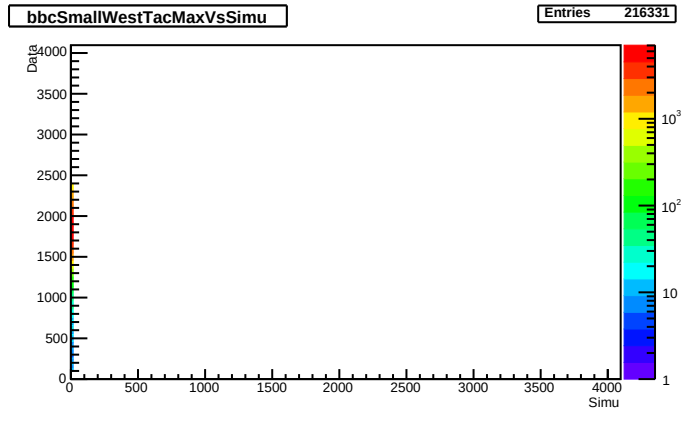

bbcSmallEastTacMax
Entries 281168

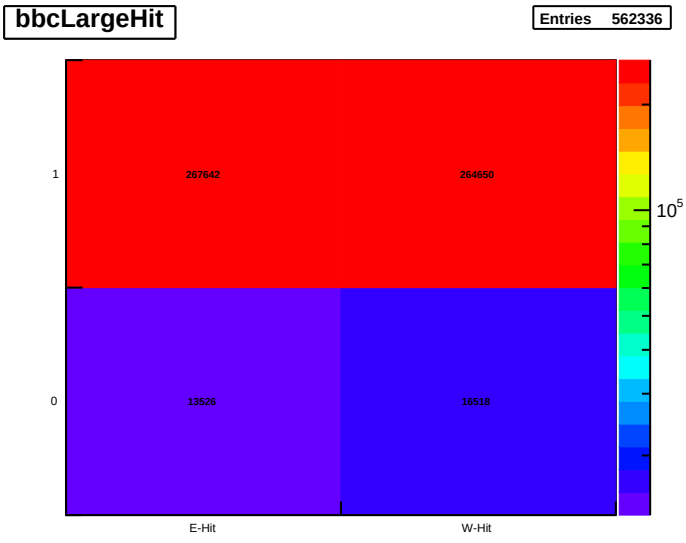

bbcSmallEastTacMaxVsSimu
Entries 213267
Data
Simu

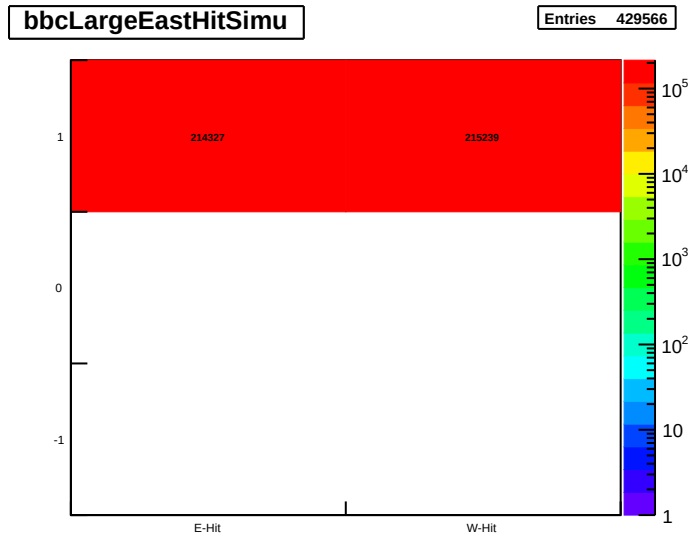

bbcSmallWestAdcSum
Entries 281168

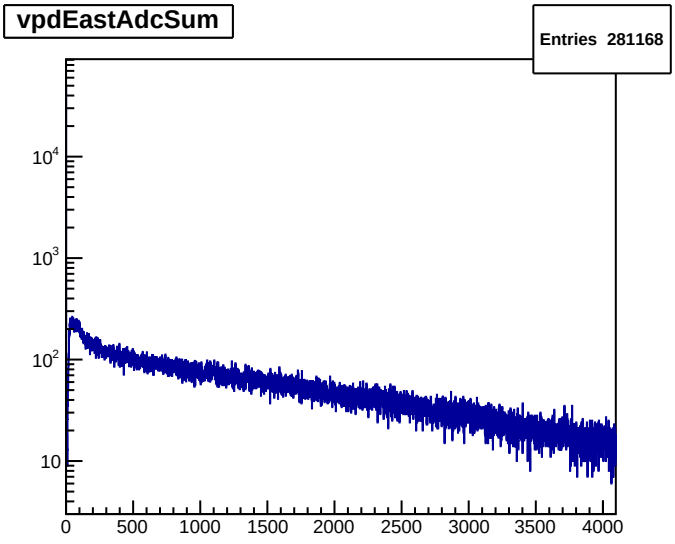

bbcSmallWestAdcSumVsSimu
Entries 216331
Data
Simu

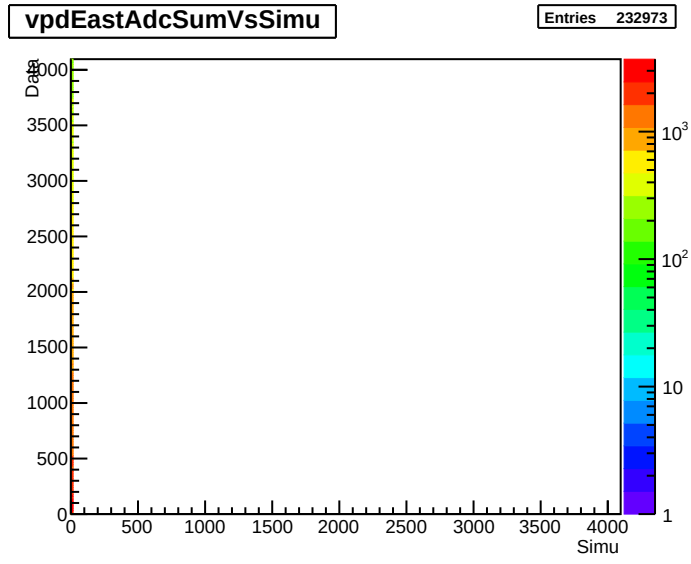

bbcSmallWestTacMax
Entries 281168

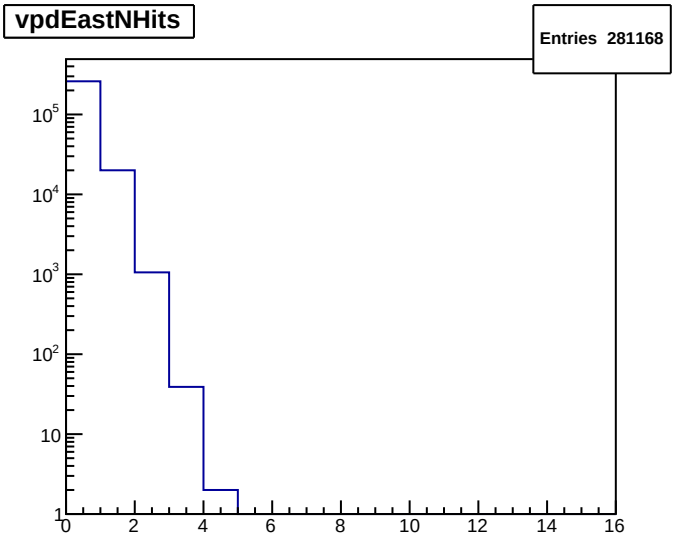

bbcSmallWestTacMaxVsSimu
Entries 216331
Data
Simu

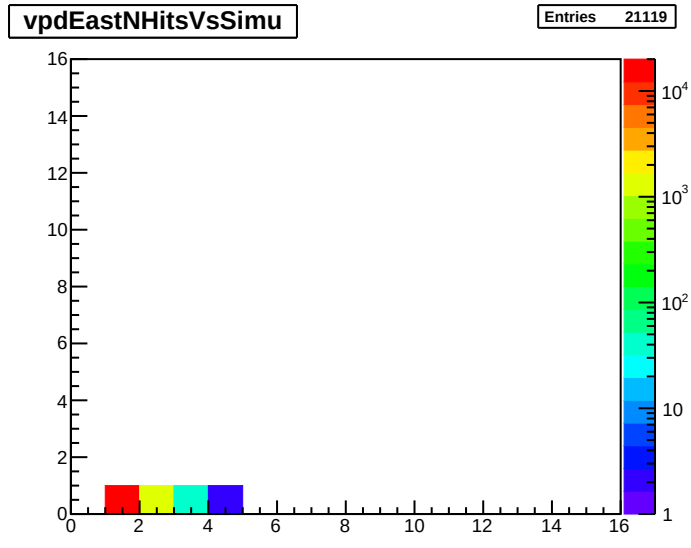

bbcLargeHit
Entries 562336
1
0
267642
264650
13526
16518
E-Hit
W-Hit
10^5

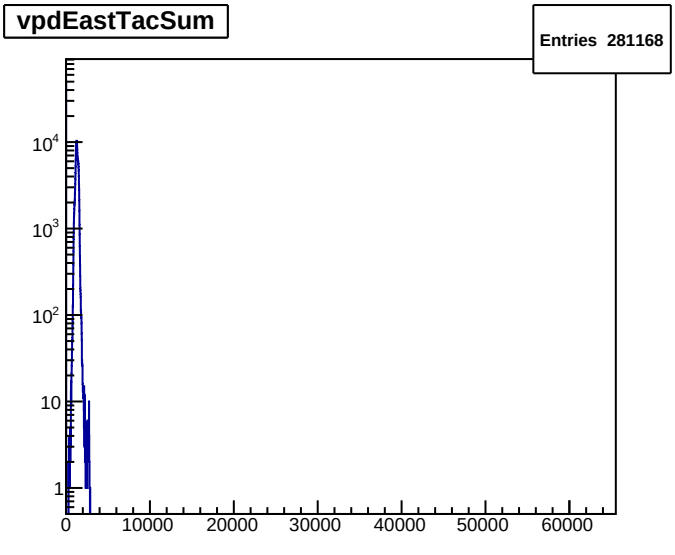

bbcLargeEastHitSimu
Entries 429566
1
0
-1
214327
215239
E-Hit
W-Hit
10^5
10^4
10^3
10^2
10
1

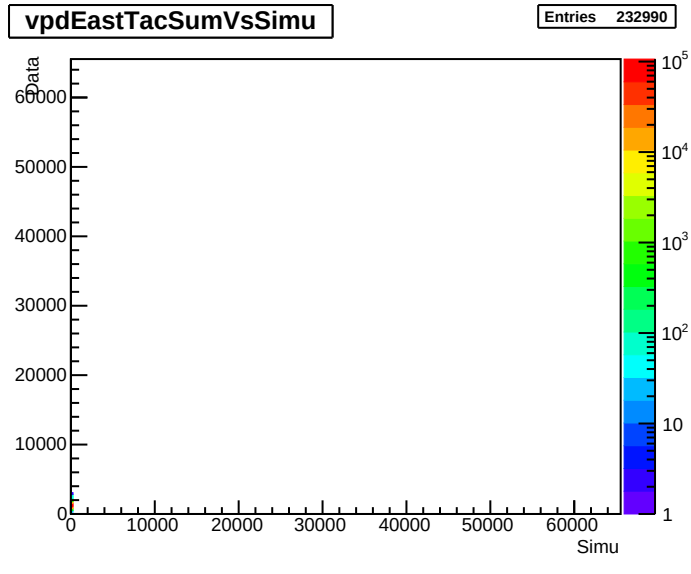

vpdEastAdcSum
Entries 281168

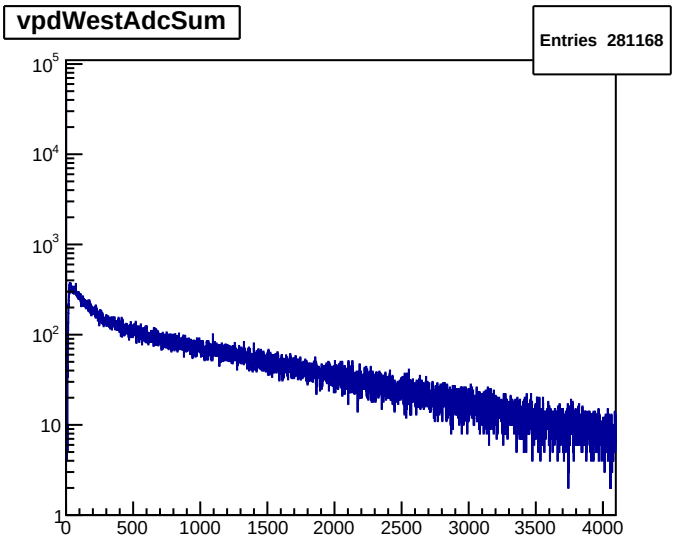

vpdEastAdcSumVsSimu
Entries 232973
Data
Simu

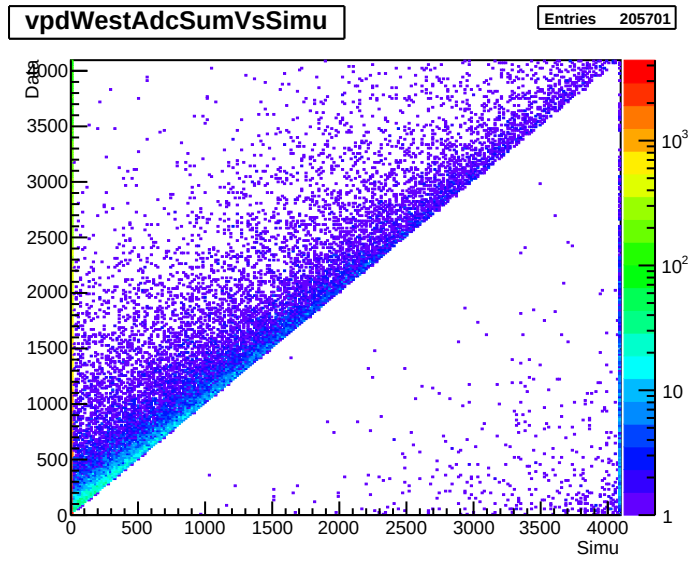

vpdEastNHits
Entries 281168

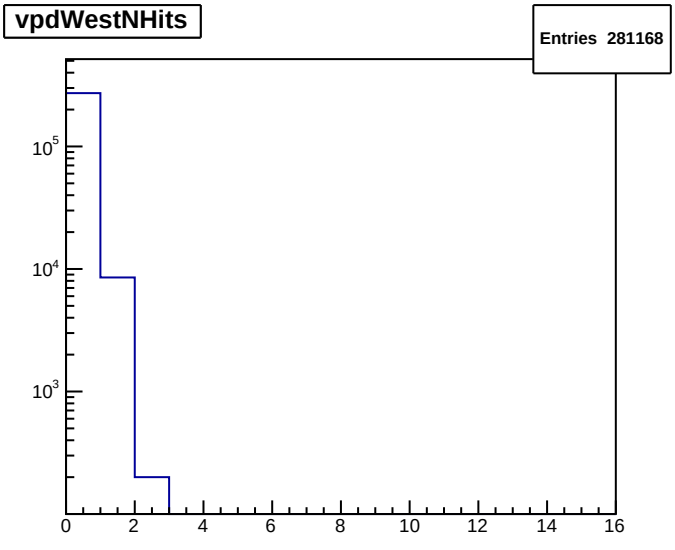

vpdEastNHitsVsSimu
Entries 21119

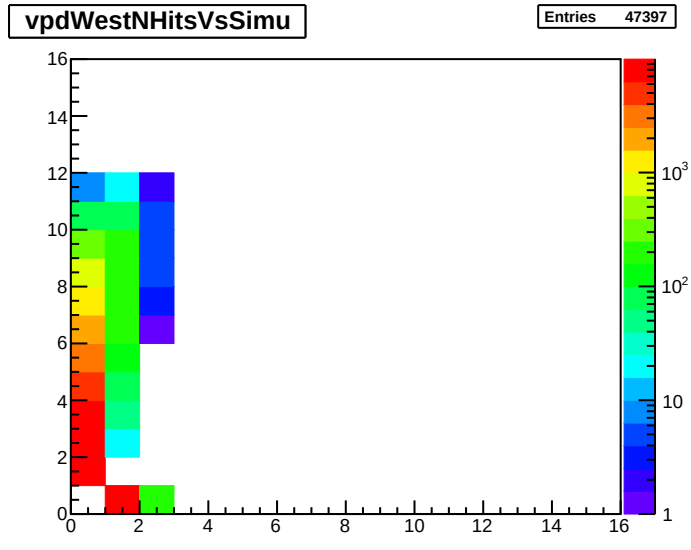

vpdEastTacSum
Entries 281168

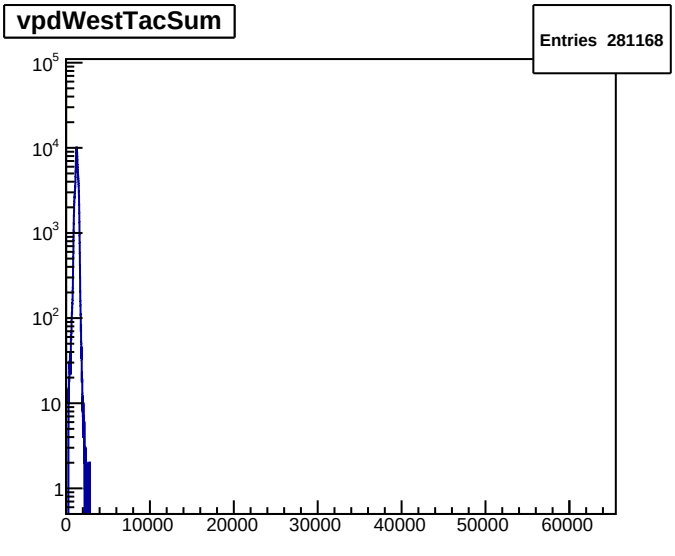

vpdEastTacSumVsSimu
Entries 232990
Data
Simu

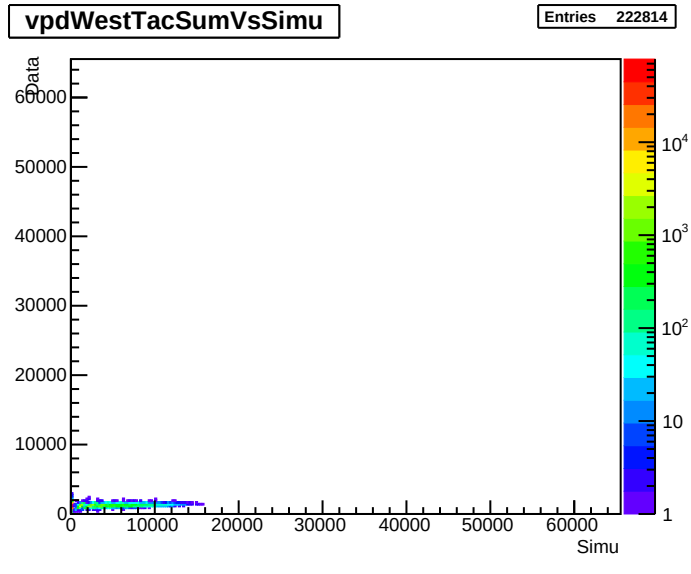

vpdWestAdcSum
Entries 281168

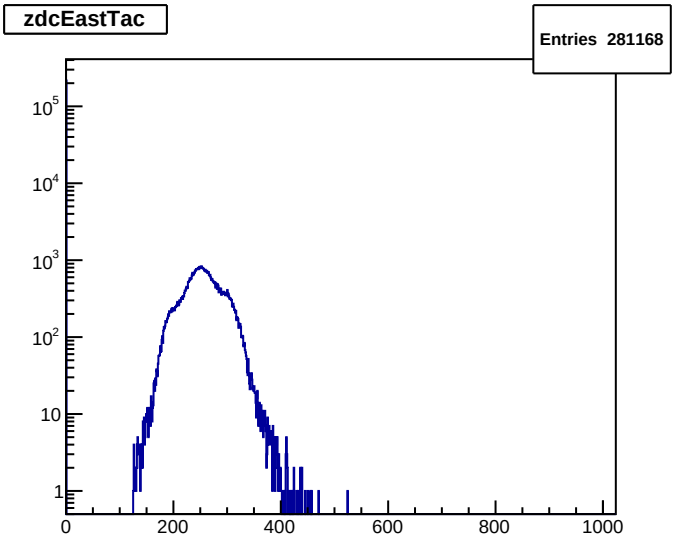

vpdWestAdcSumVsSimu
Entries 205701
Data
Simu

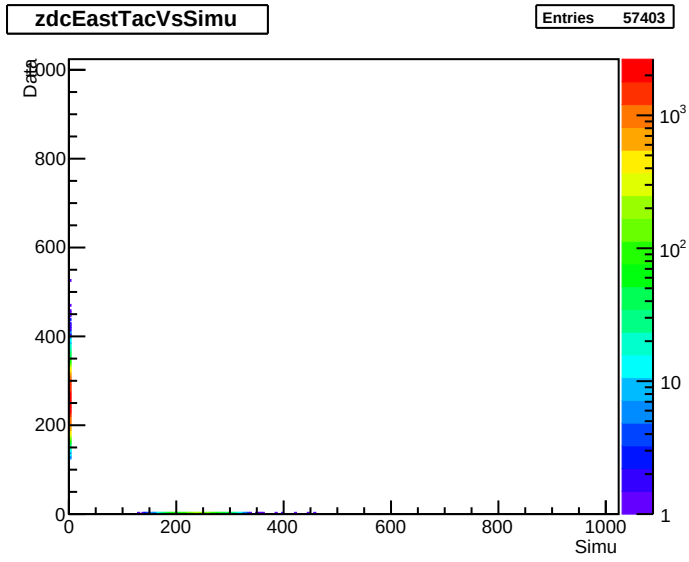

vpdWestNHits
Entries 281168

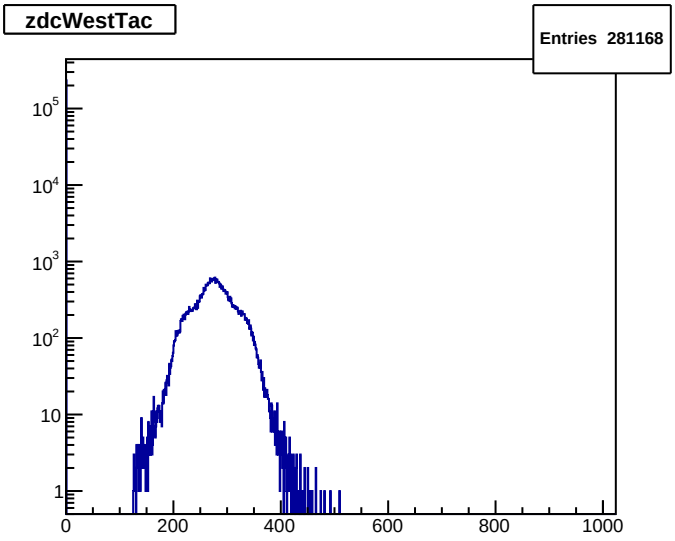

vpdWestNHitsVsSimu
Entries 47397

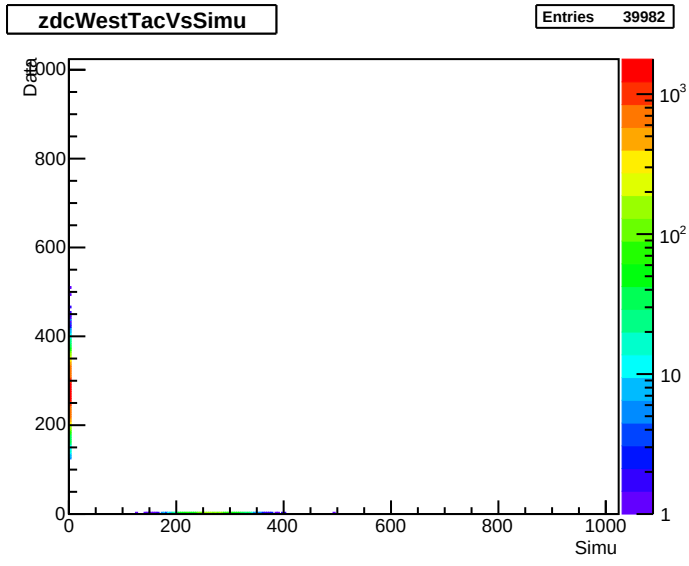

vpdWestTacSum
Entries 281168

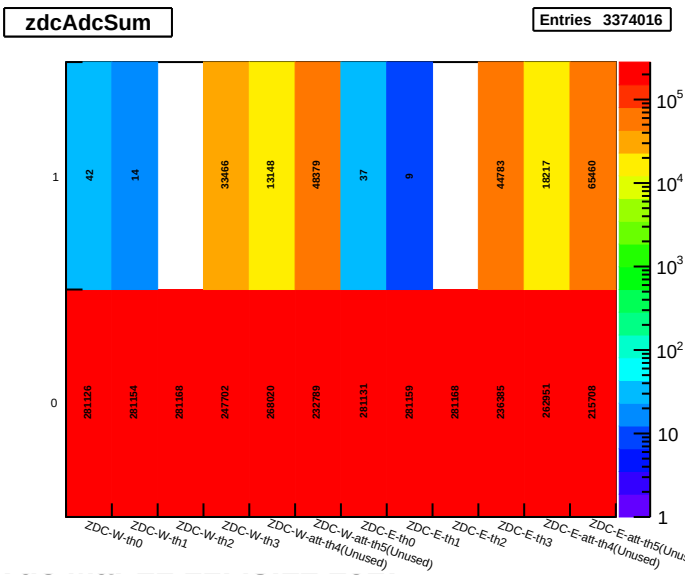

vpdWestTacSumVsSimu
Entries 222814
Data
Simu

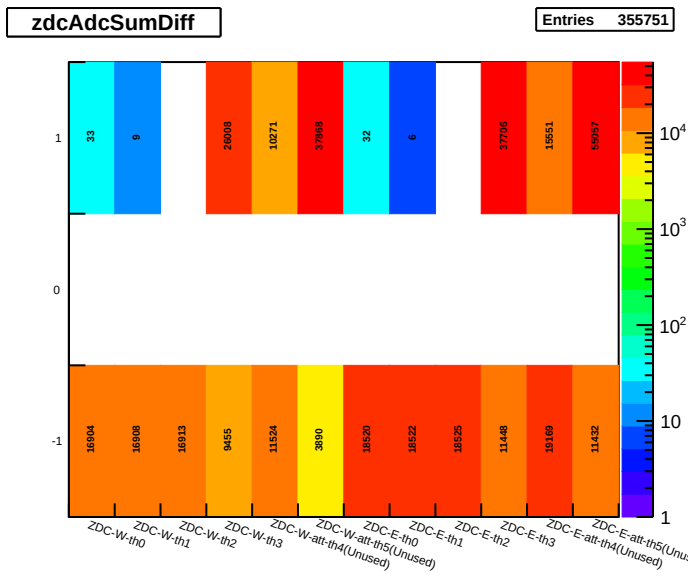

zdcEastTac
Entries 281168

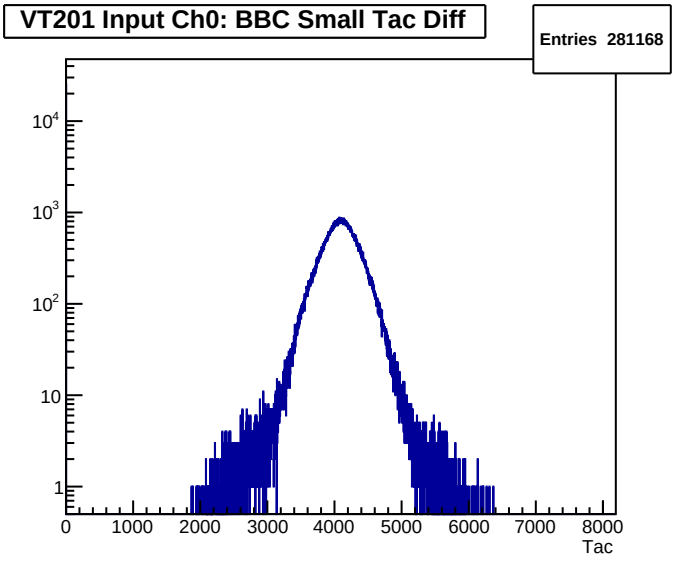

zdcEastTacVsSimu
Entries 57403
Data
Simu

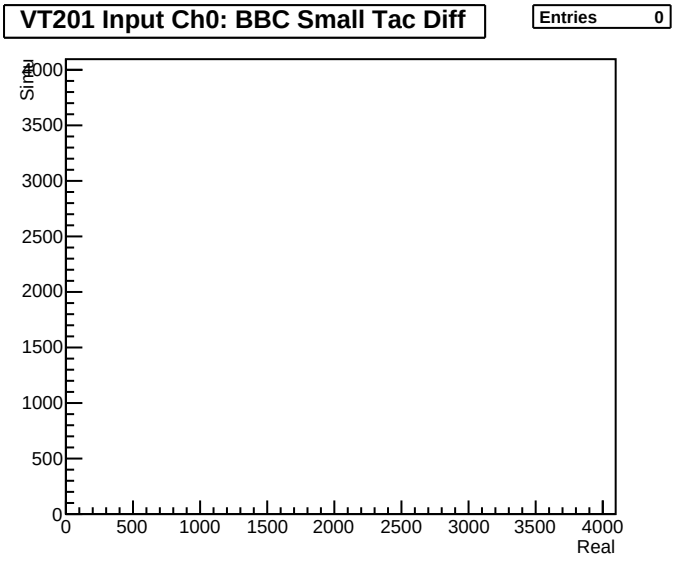

zdcWestTac
Entries 281168

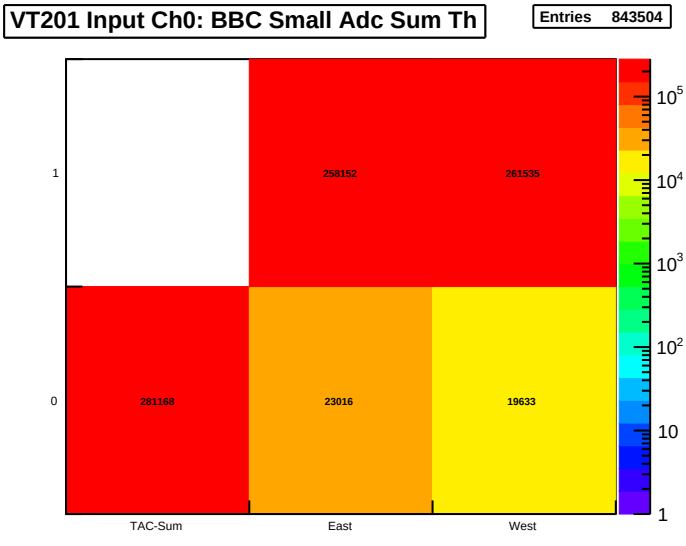

zdcWestTacVsSimu
Entries 39982
Data
Simu

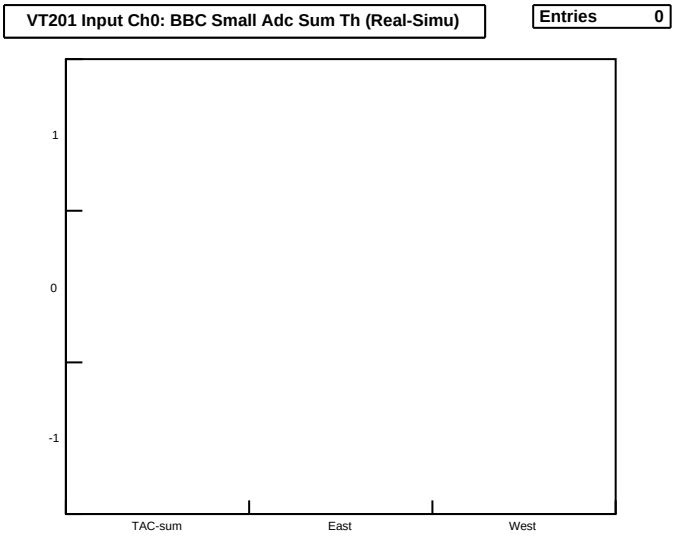

zdcAdcSum
Entries 3374016
42
14
33466
13148
48379
37
9
44783
18217
65460
281126
281154
281168
247702
268020
232789
281131
281159
281168
226305
262951
215708
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

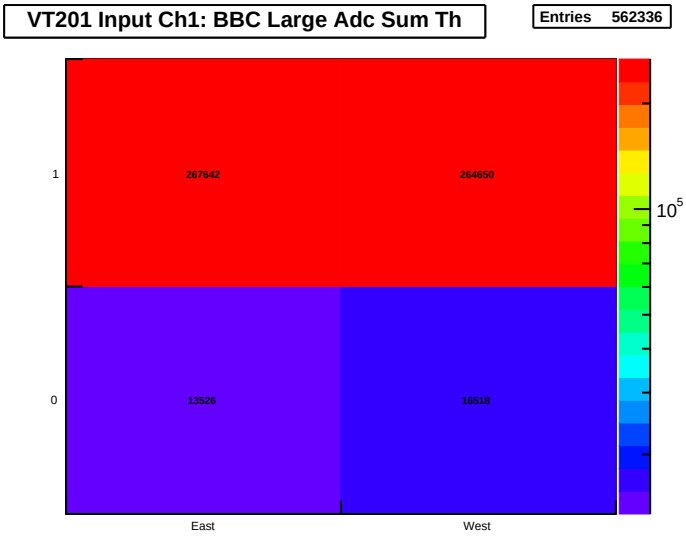

zdcAdcSumDiff
Entries 355751
33
9
26008
10271
37868
32
6
37706
15551
55057
16904
16908
16913
9455
11524
3890
18520
18522
18525
11448
19169
11432
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

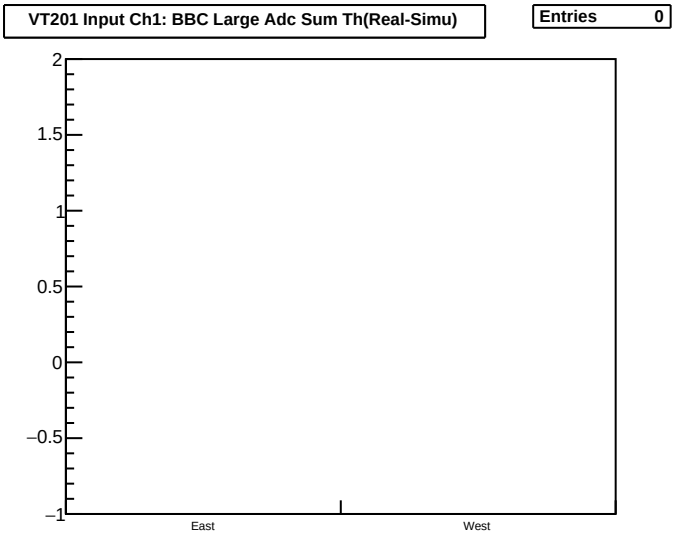

VT201 Input Ch0: BBC Small Tac Diff
Entries 281168
Tac


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

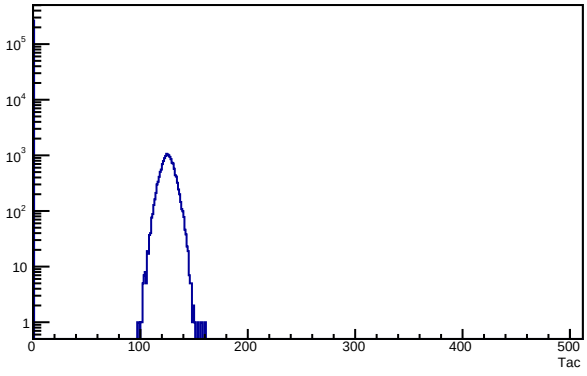

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 843504
258152
261535
281168
23016
19633
TAC-Sum
East
West


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

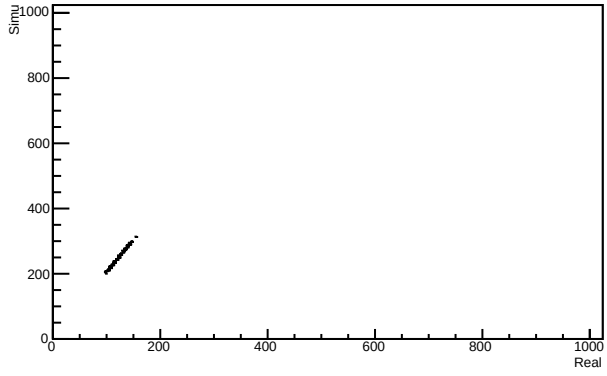

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 562336
267642
264650
13526
16518
East
West


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

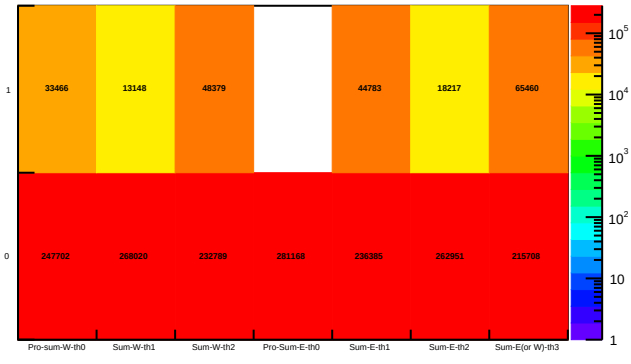
VT201 Input Ch2: ZDC Tac Diff



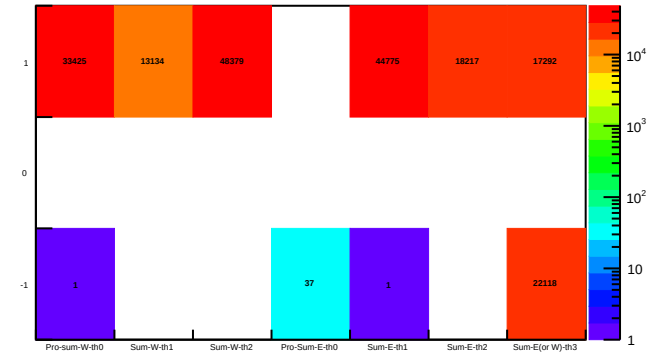
VT201 Input Ch2: ZDC Tac Diff



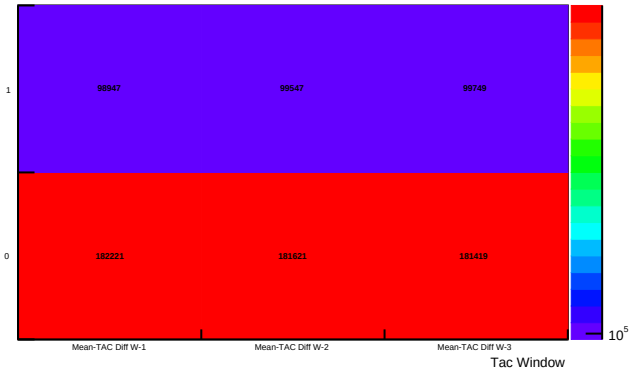
VT201 Input Ch2: ZDC Adc Sum Th



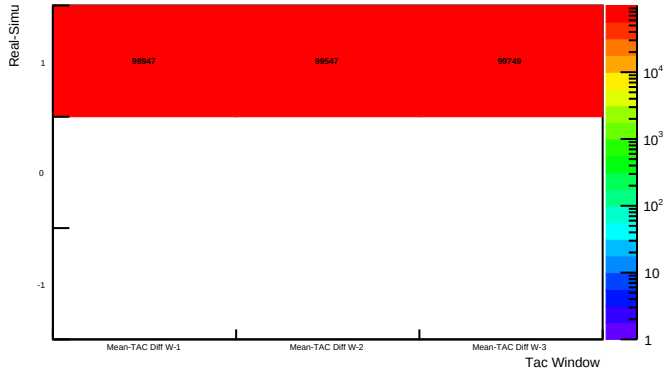
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



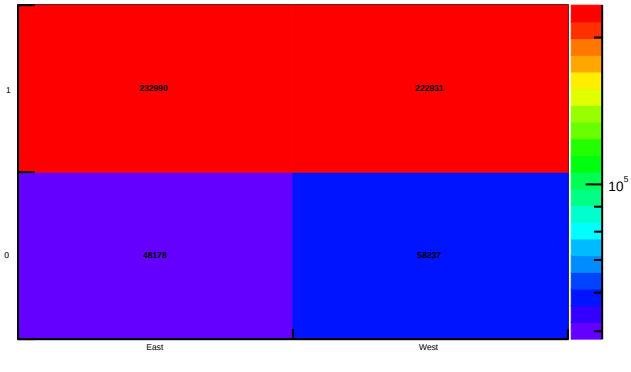
VT201 Input Ch4: VPD Tac Diff



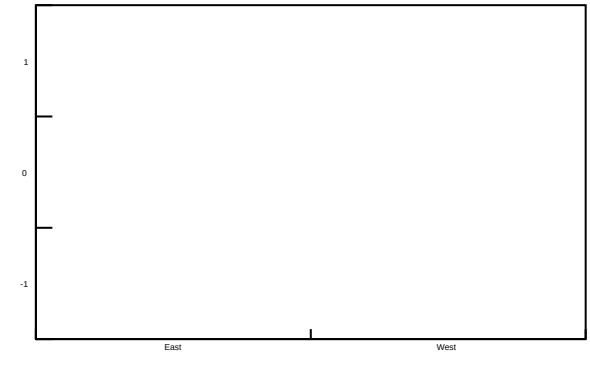
VT201 Input Ch4: VPD Tac Diff

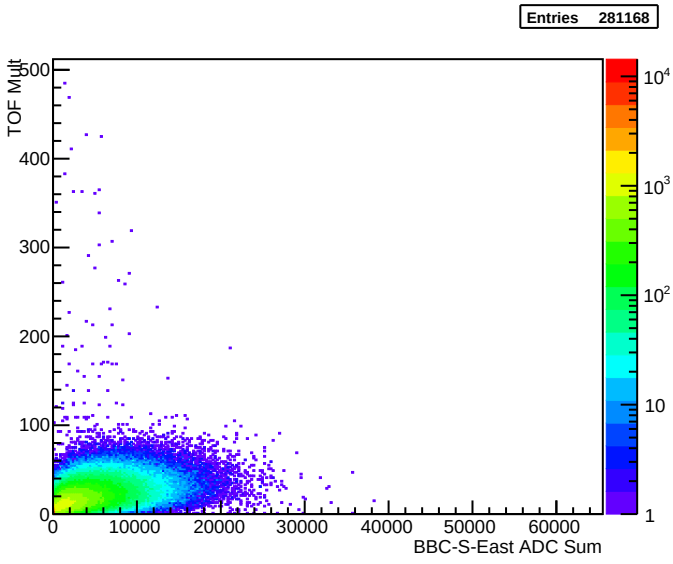


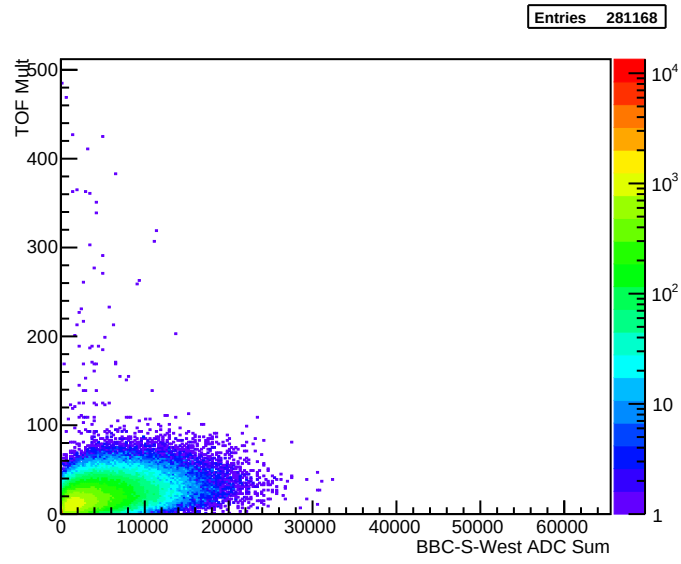
VT201 Input Ch4: VPD Adc Sum Th

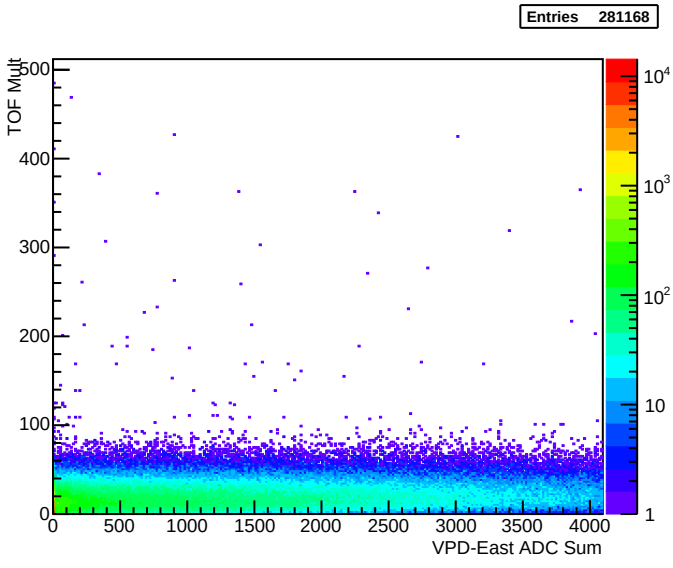


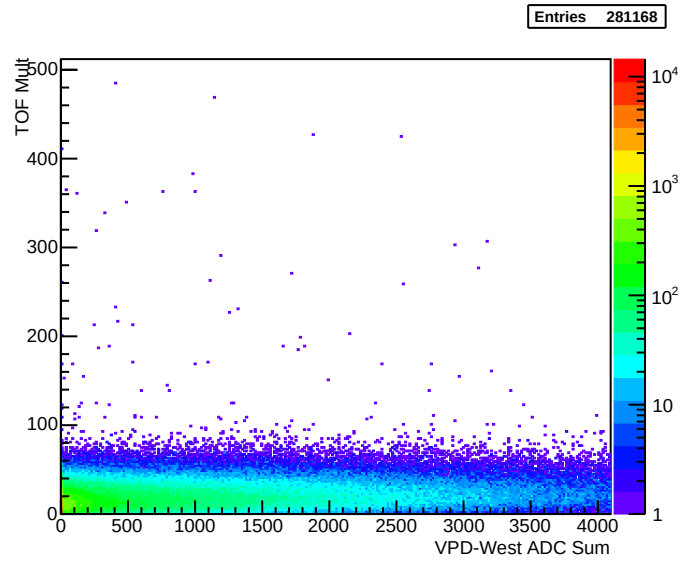
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

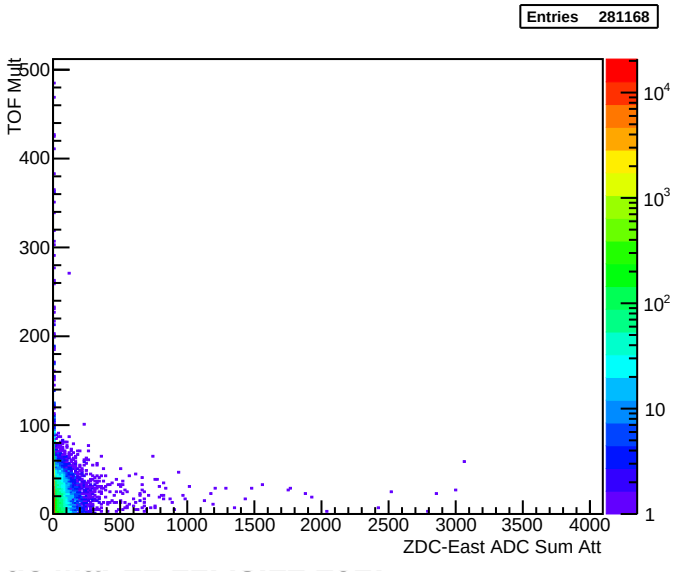


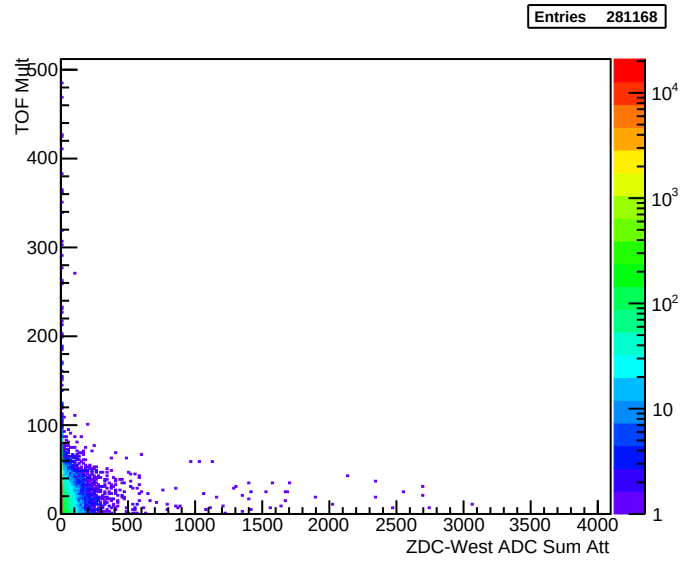

Entries 281168
TOF Mult
BBC-S-East ADC Sum

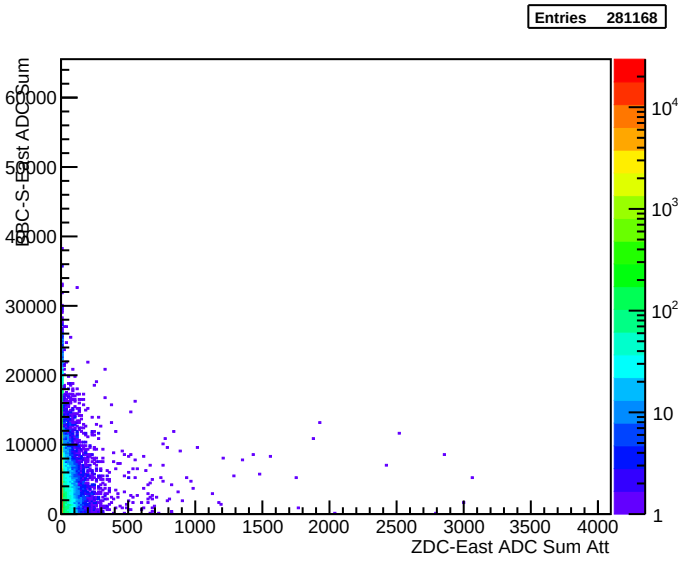

Entries 281168
TOF Mult
BBC-S-West ADC Sum

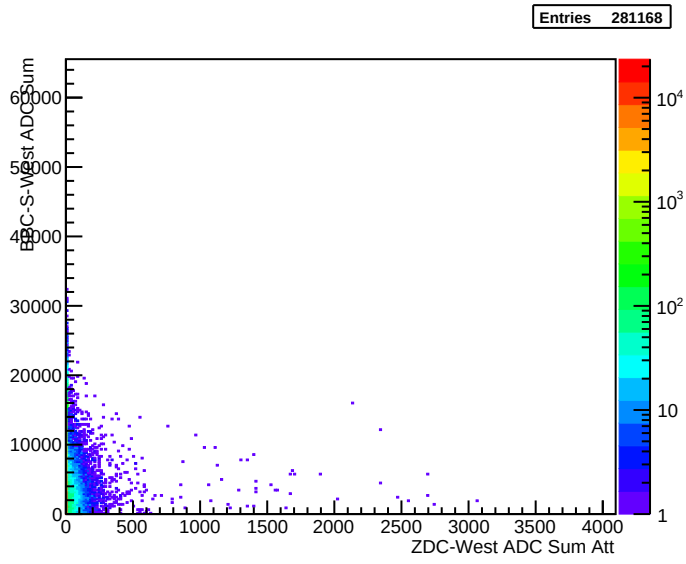

Entries 281168
TOF Mult
VPD-East ADC Sum

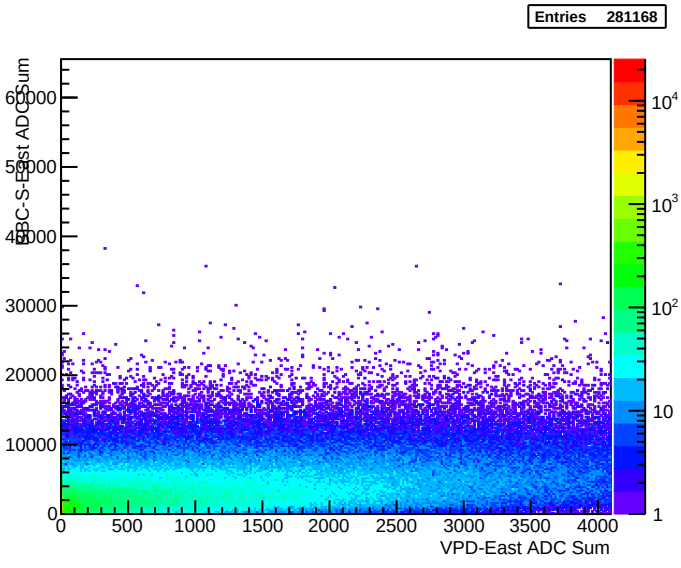

Entries 281168
TOF Mult
VPD-West ADC Sum

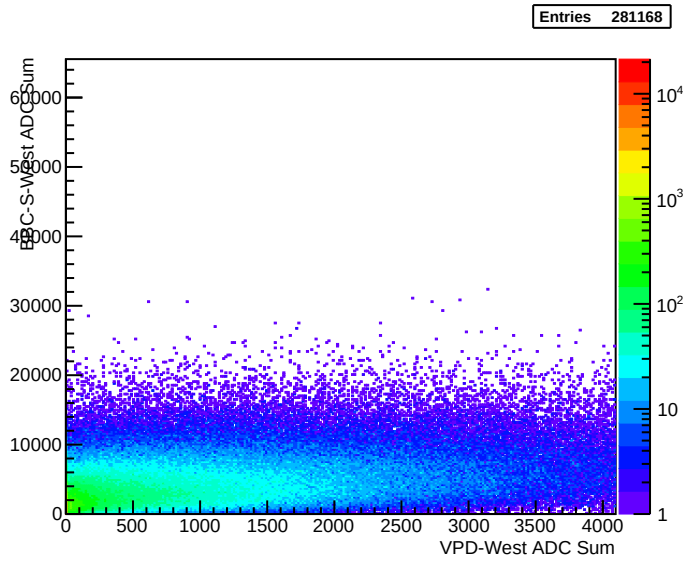

Entries 281168
TOF Mult
ZDC-East ADC Sum Att

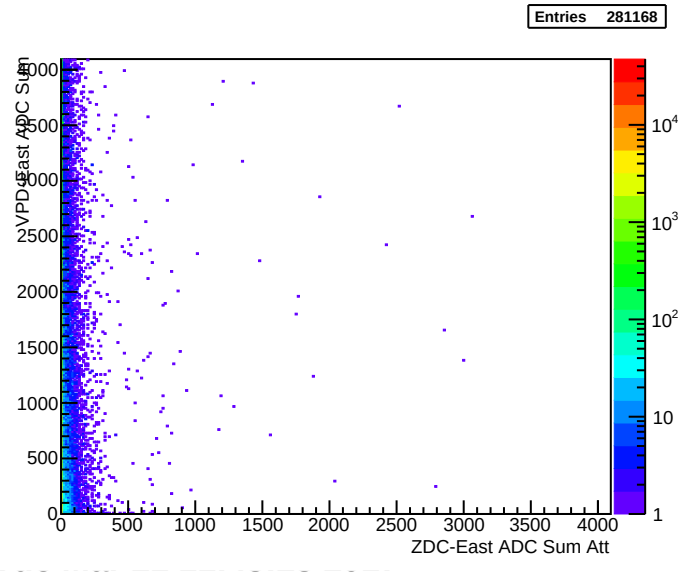

Entries 281168
TOF Mult
ZDC-West ADC Sum Att

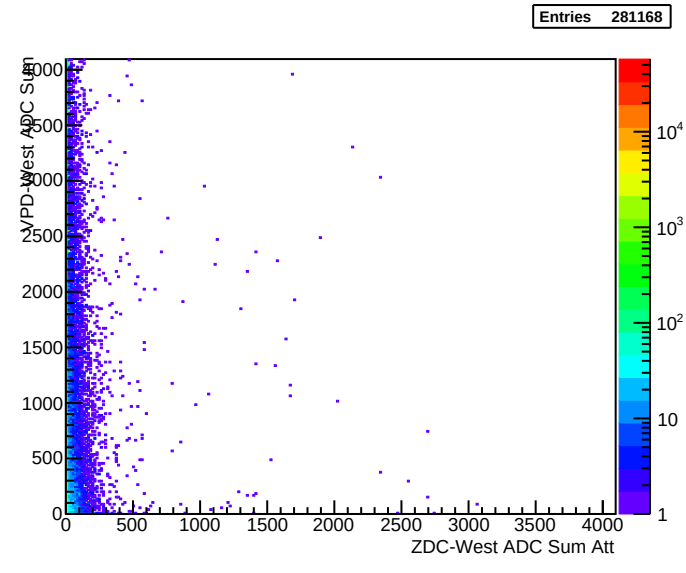

Entries 281168
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

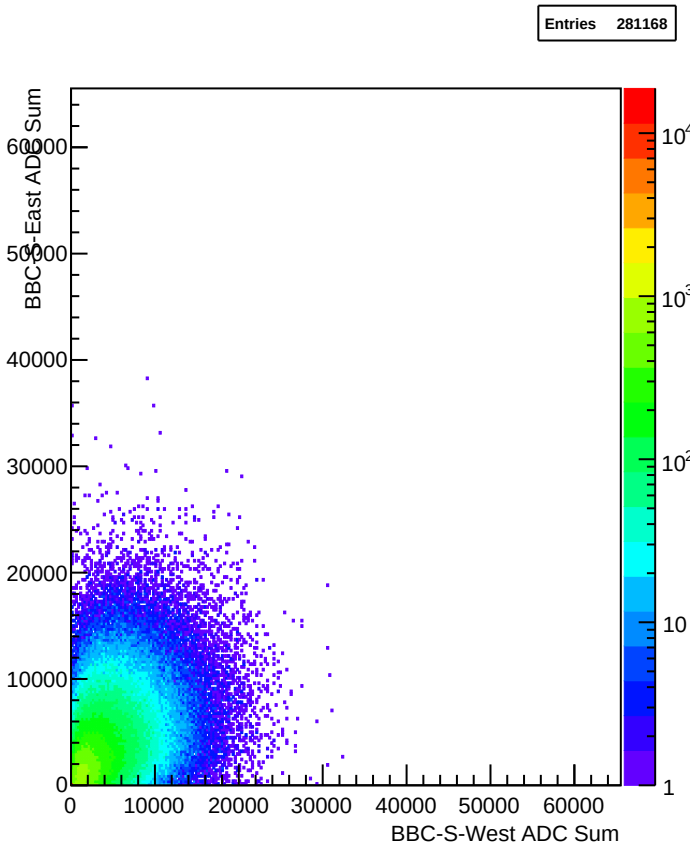

Entries 281168
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

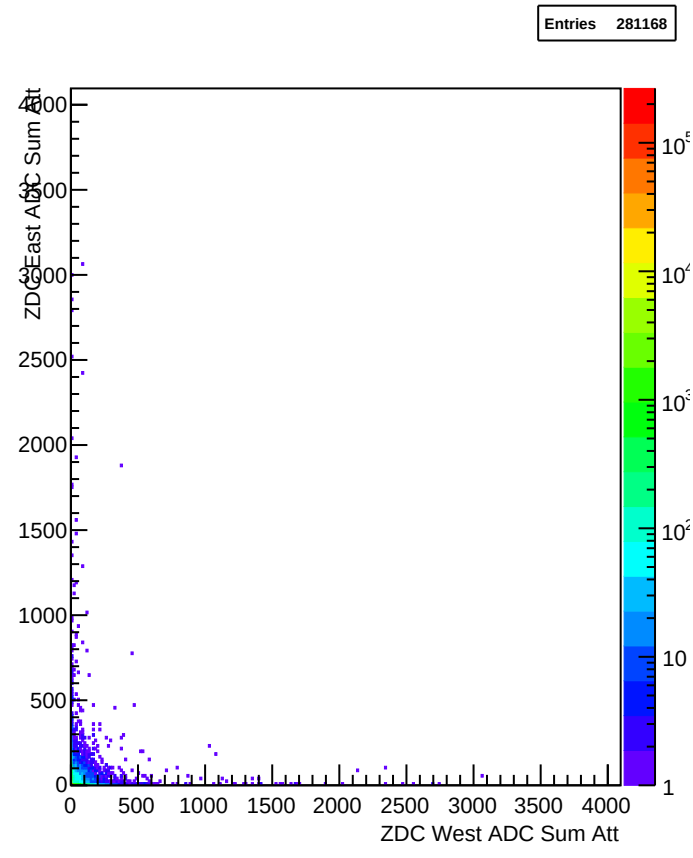

Entries 281168
BBC-S-East ADC Sum
VPD-East ADC Sum

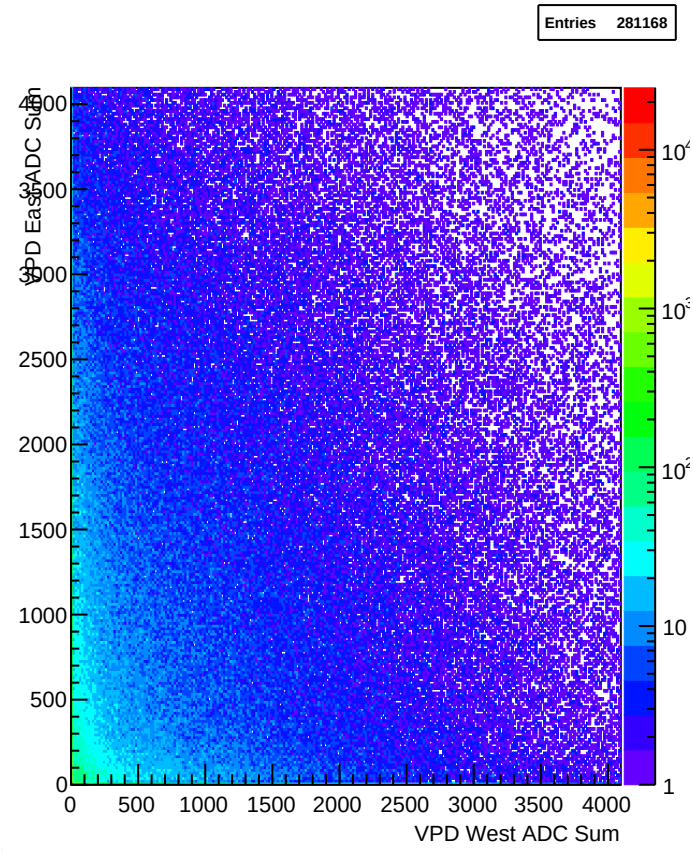

Entries 281168
BBC-S-West ADC Sum
VPD-West ADC Sum

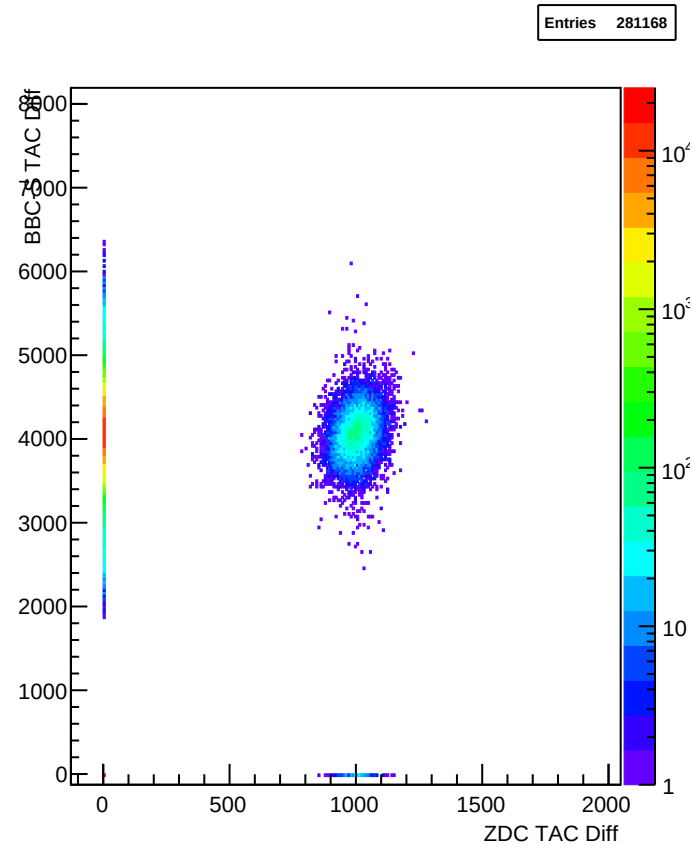

Entries 281168
VPD-East ADC Sum
ZDC-East ADC Sum Att

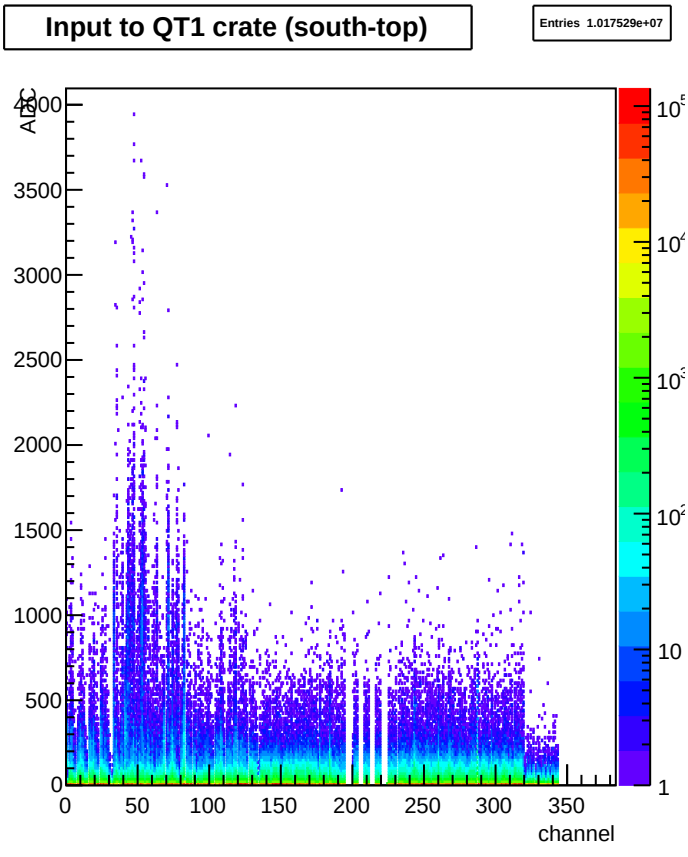

Entries 281168
VPD-West ADC Sum
ZDC-West ADC Sum Att

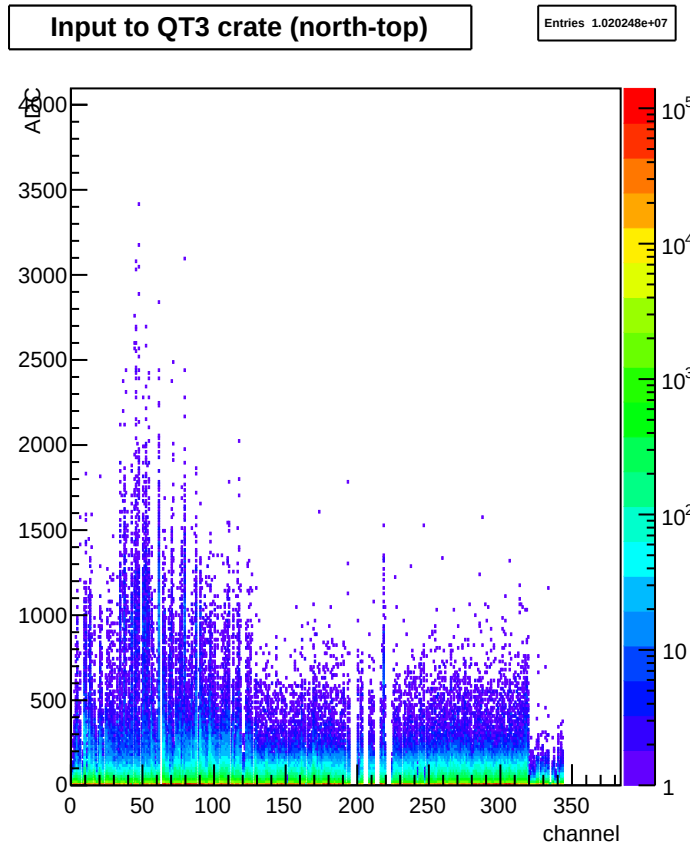

Entries 281168
BBC-S-East ADC Sum
BBC-S-West ADC Sum

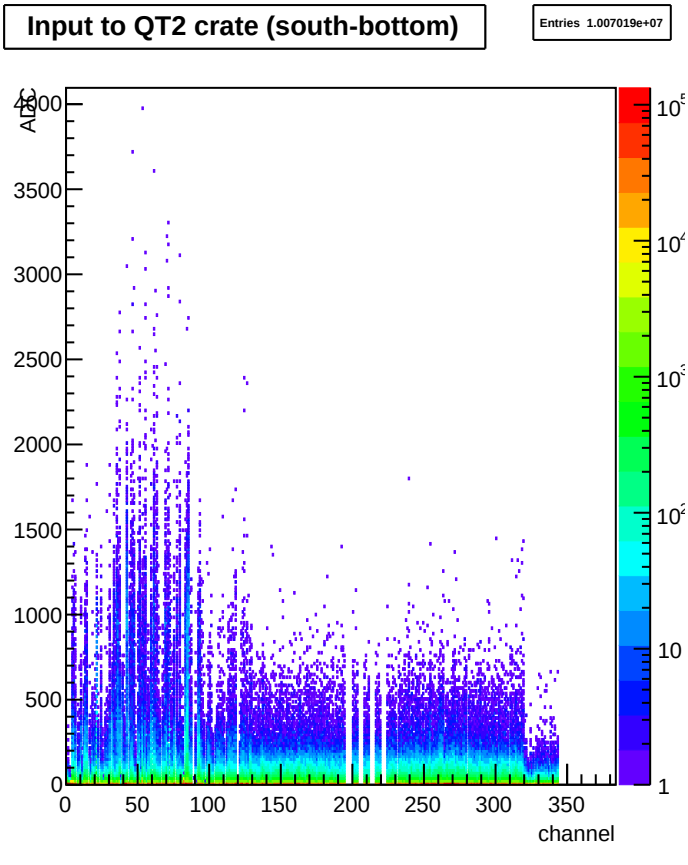

Entries 281168
ZDC East ADC Sum Att
ZDC West ADC Sum Att

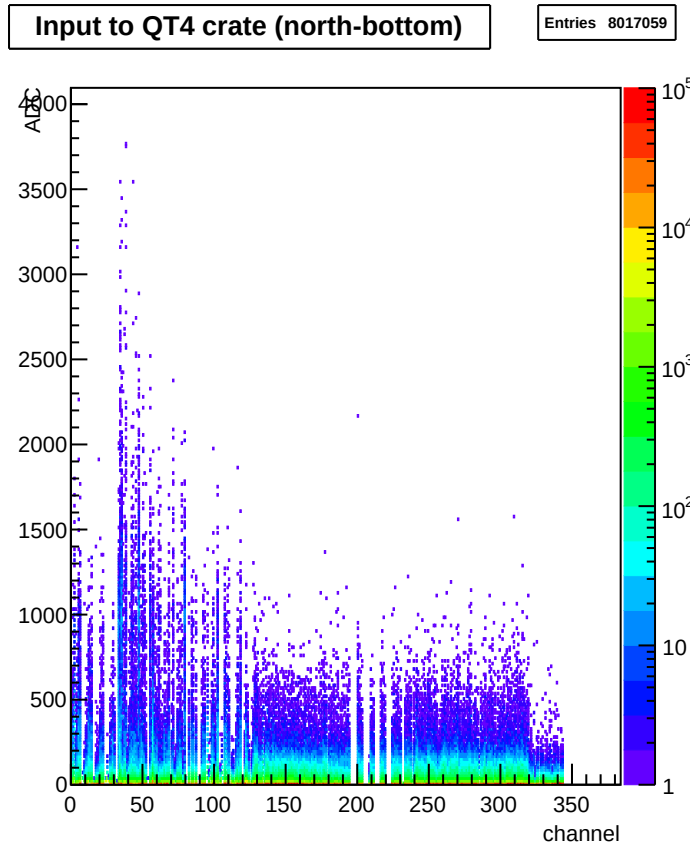

Entries 281168
VPD East ADC Sum
VPD West ADC Sum

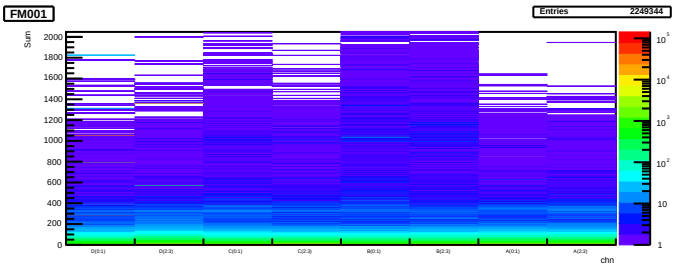

Entries 281168
BBC-S TAC Diff
ZDC TAC Diff

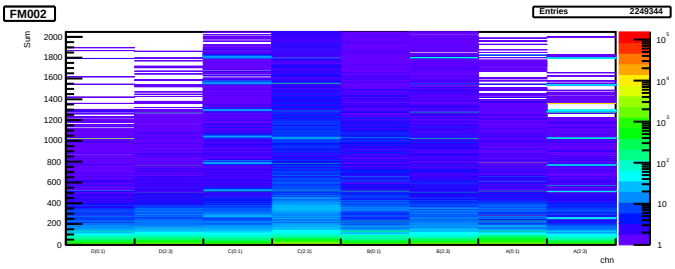

Input to QT1 crate (south-top)
Entries 1.017529e+07
ADC
channel

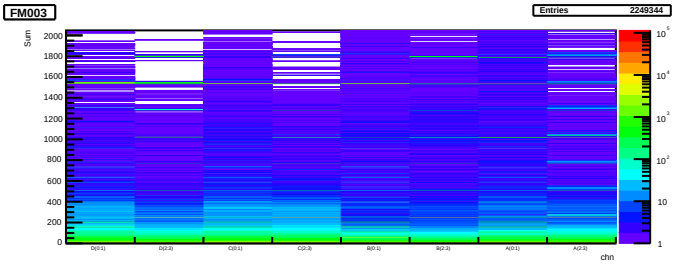

Input to QT3 crate (north-top)
Entries 1.020248e+07
ADC
channel

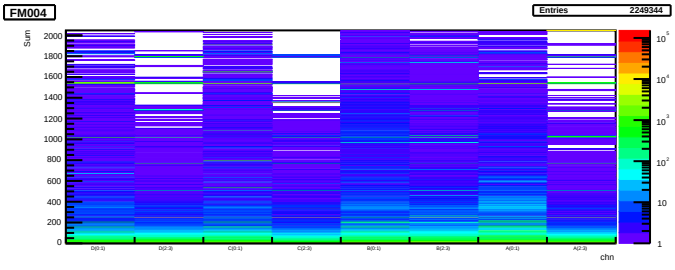

Input to QT2 crate (south-bottom)
Entries 1.007019e+07
ADC
channel

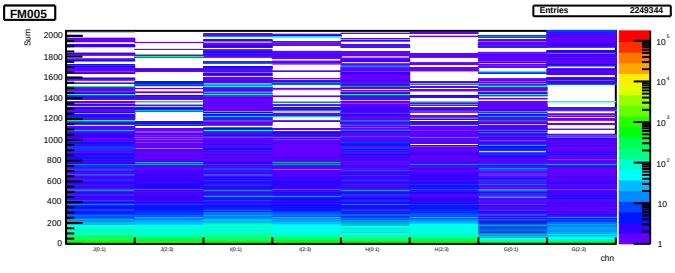

Input to QT4 crate (north-bottom)
Entries 8017059
ADC
channel

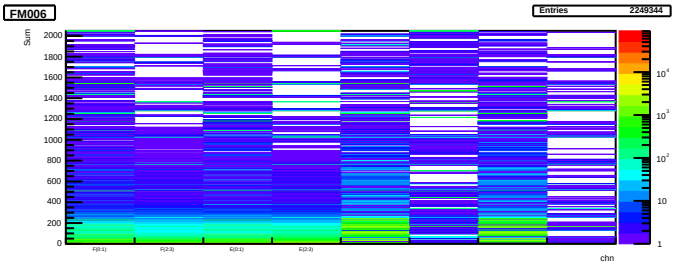

FM001
Entries 2249344
Sum
chn

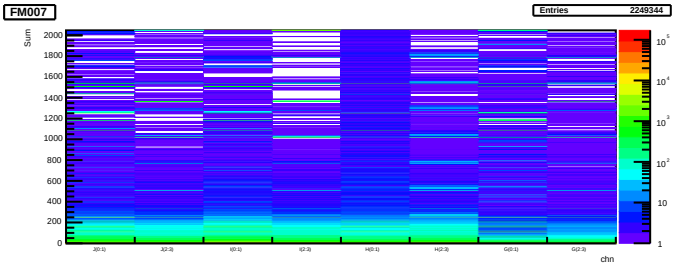

FM002
Entries 2249344
Sum
chn

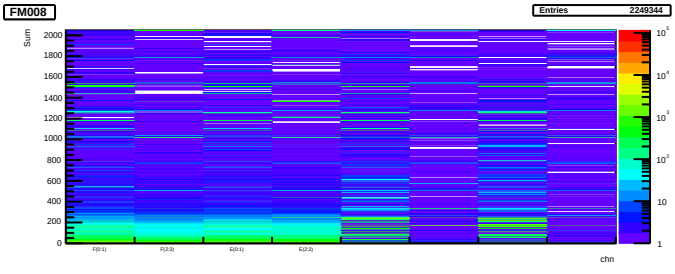

FM003
Entries 2249344
Sum
chn

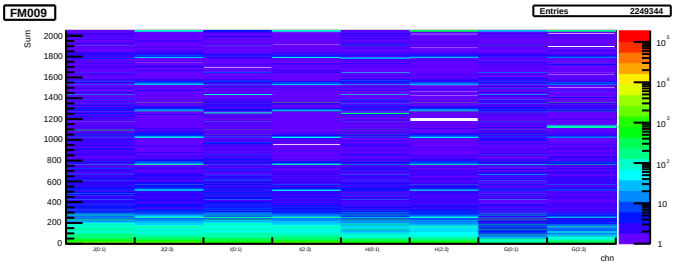

FM004
Entries 2249344
Sum
chn


FM005
Entries 2249344
Sum
chn


FM006
Entries 2249344
Sum
chn


FM007
Entries 2249344
Sum
chn


FM008
Entries 2249344
Sum
chn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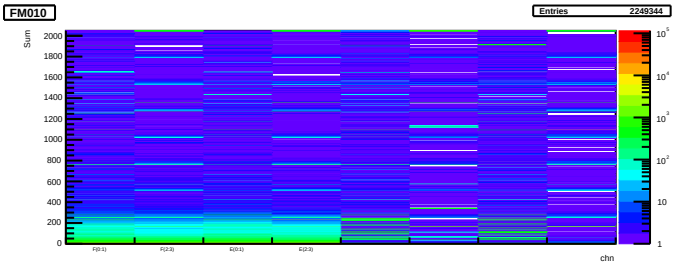
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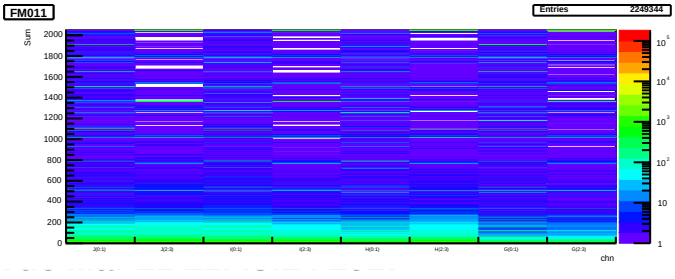
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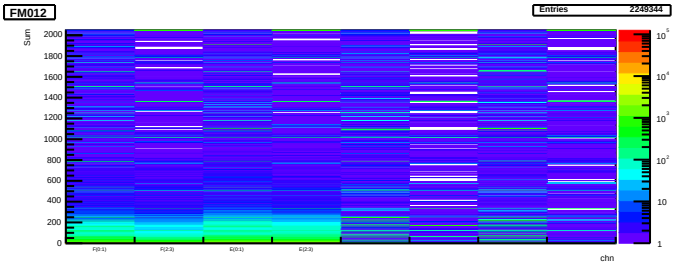
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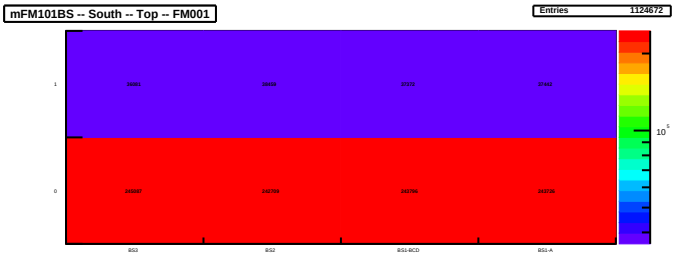
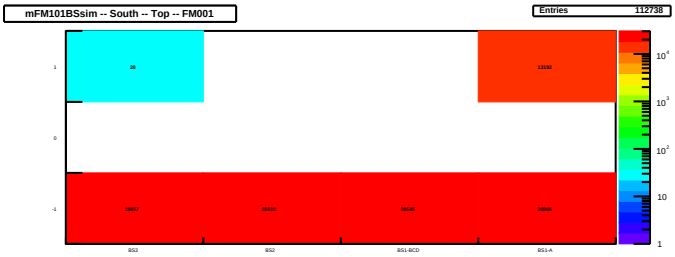

mFM101BS -- South -- Top -- FM001
Entries 1124672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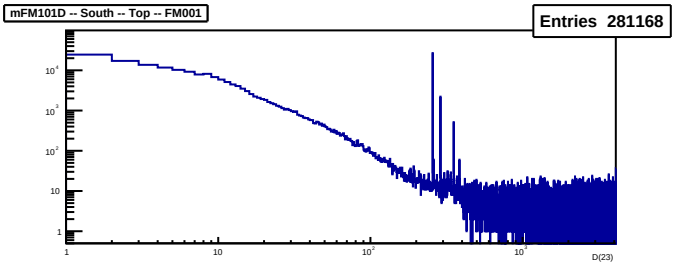
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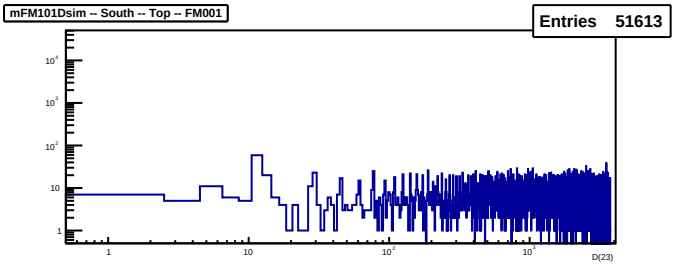
Entries 281168
D(23)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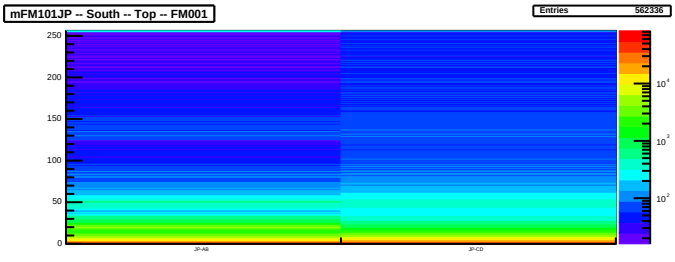
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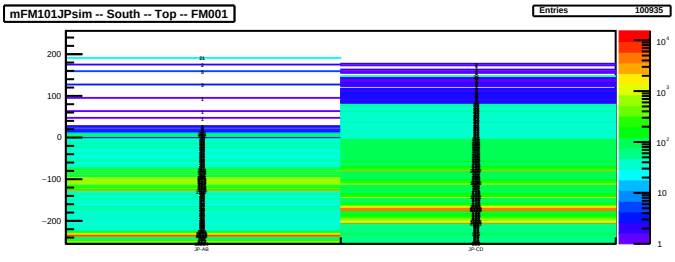
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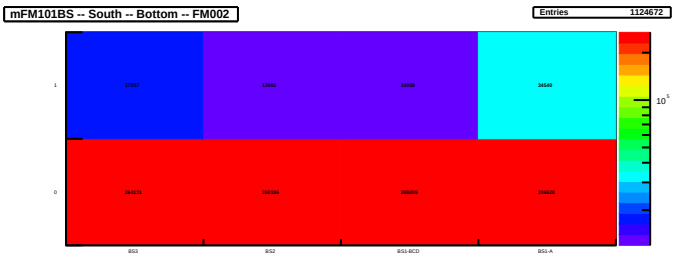
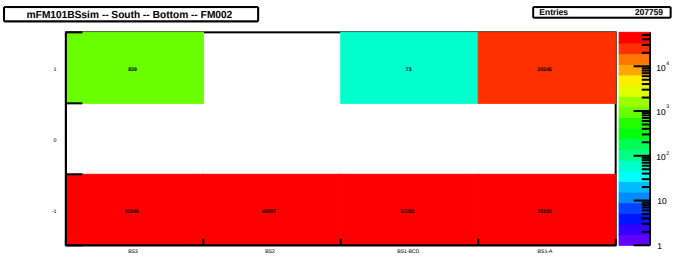

mFM101BS -- South -- Bottom -- FM002
Entries 1124672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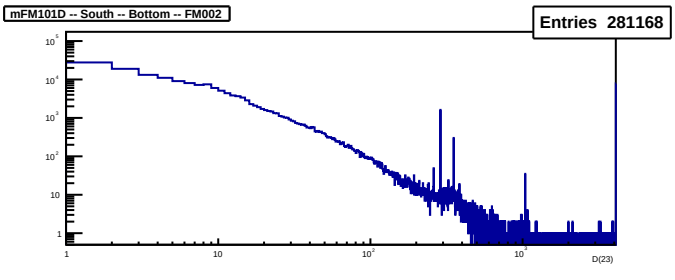
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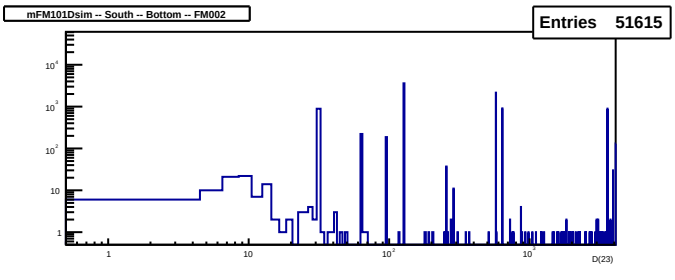
Entries 281168
D(23)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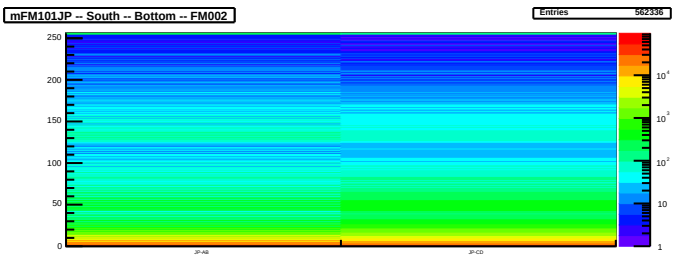
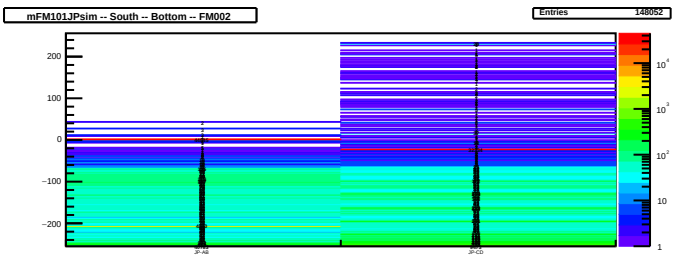

mFM101JP -- South -- Bottom -- FM002
Entries 562336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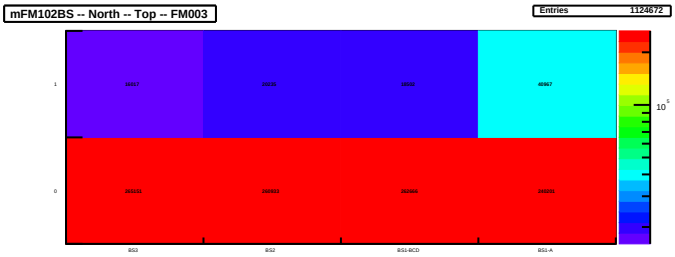
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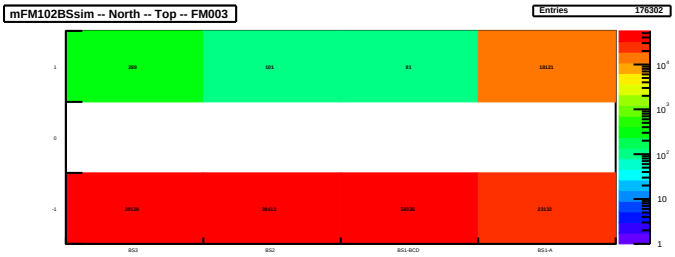
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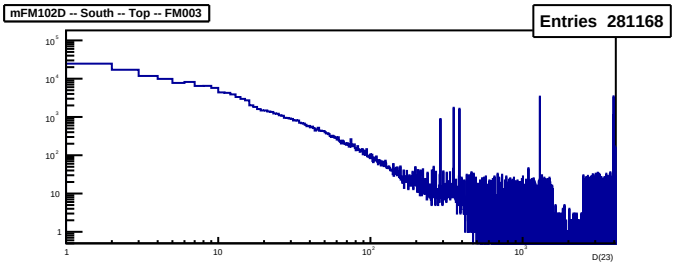
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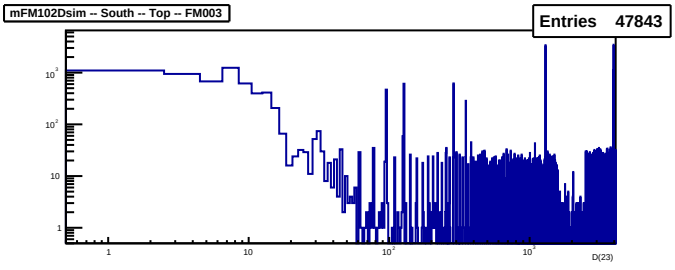
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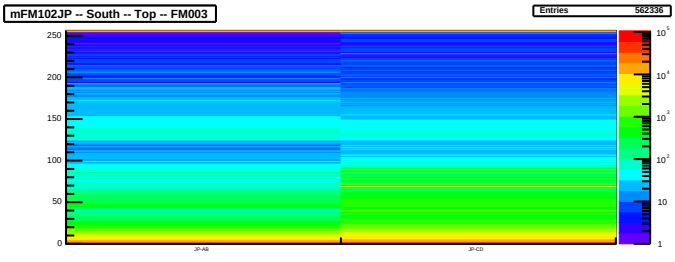
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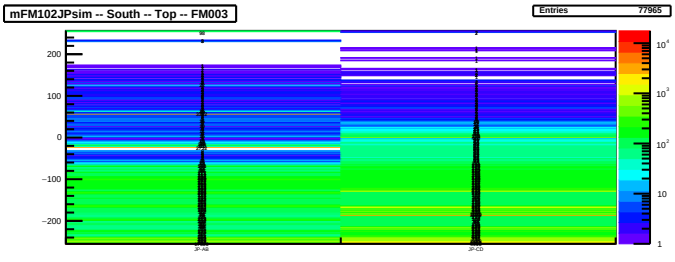
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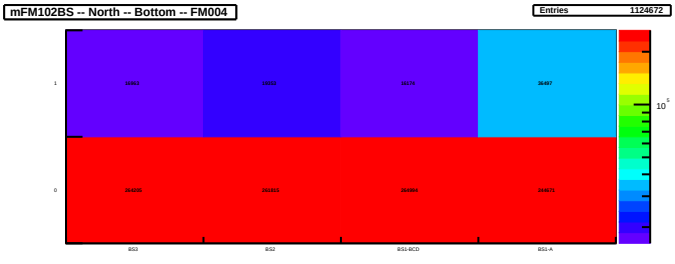
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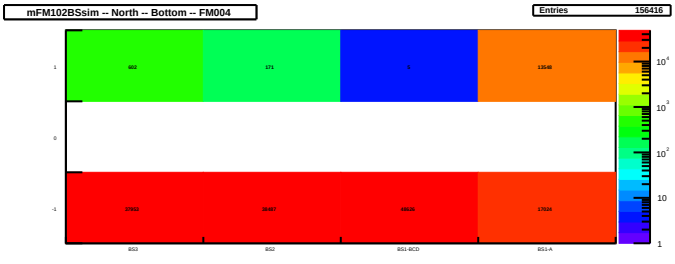
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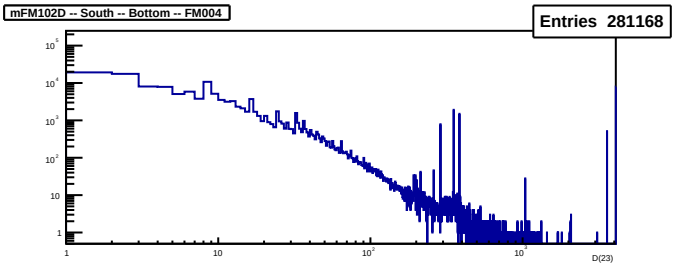
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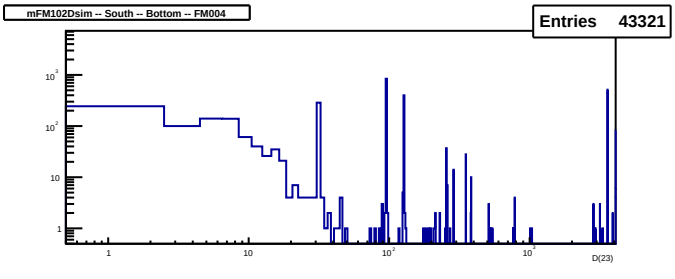
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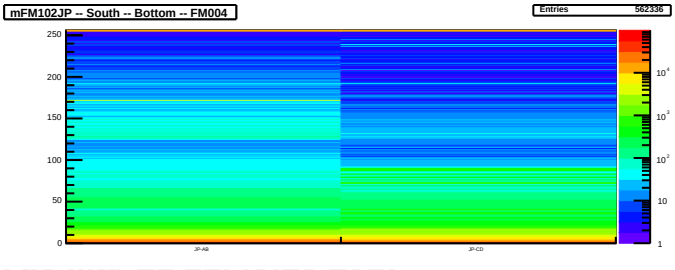
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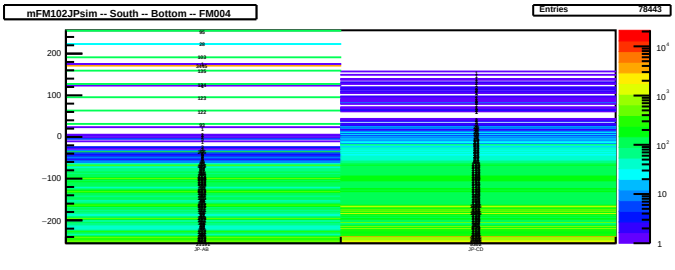
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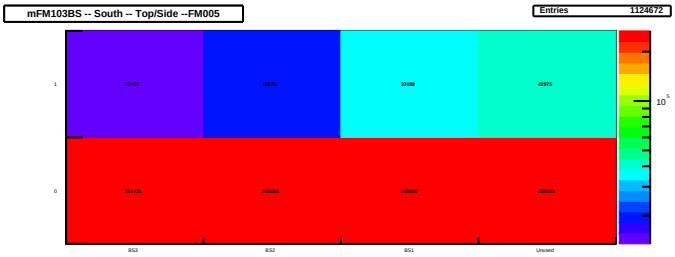
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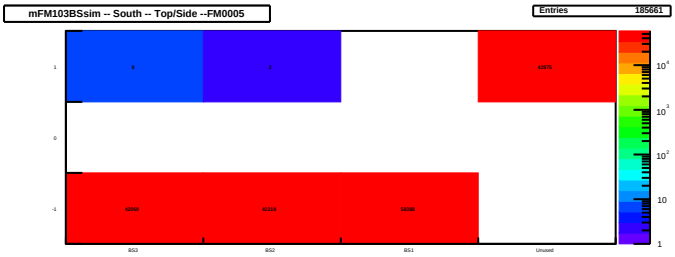
Entries 1124672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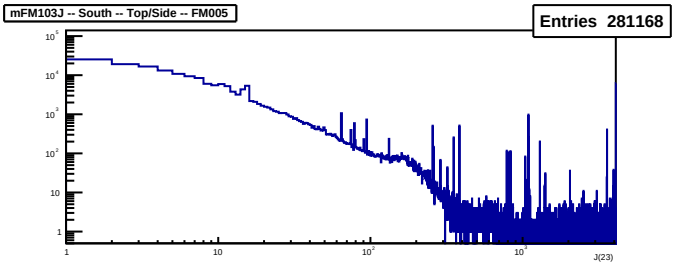
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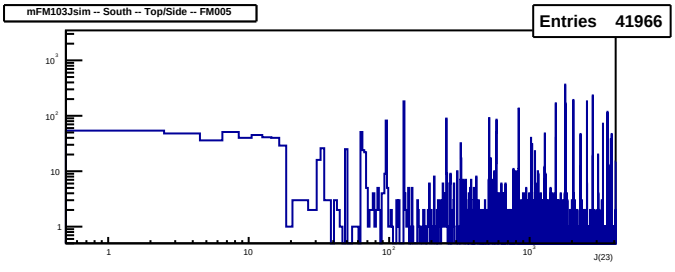
J(23)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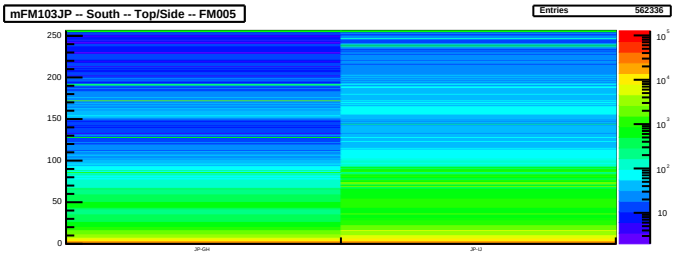
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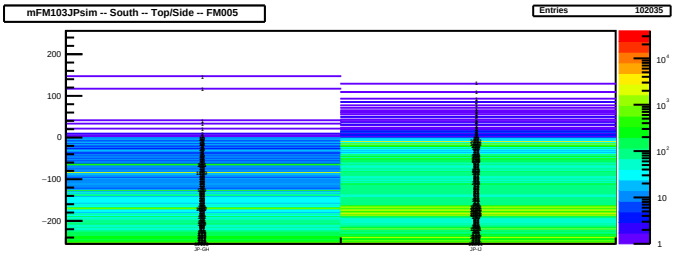
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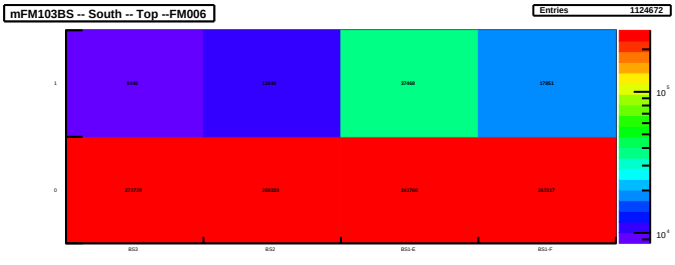
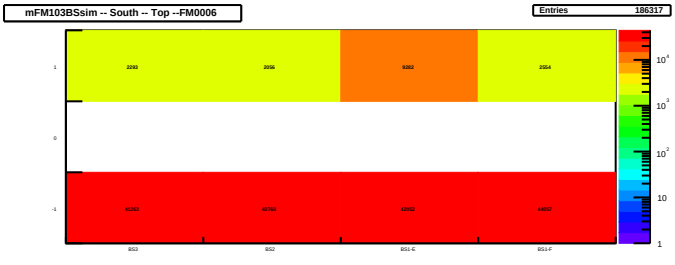

mFM103BS -- South -- Top --FM006
Entries 1124672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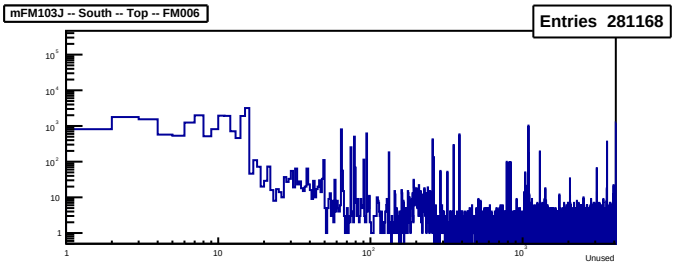
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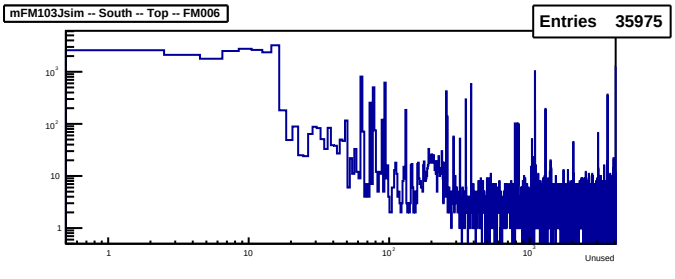
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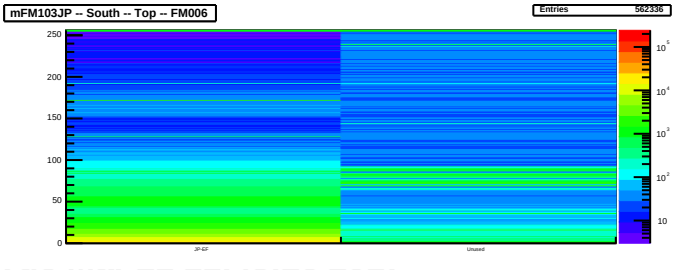
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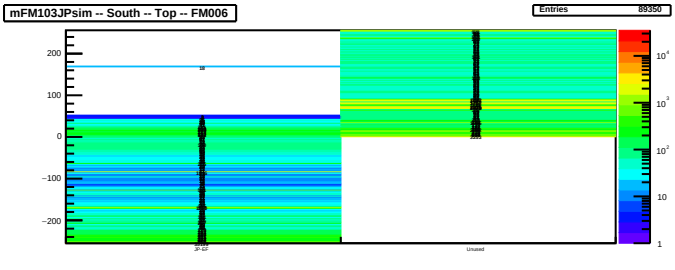
Entries 562336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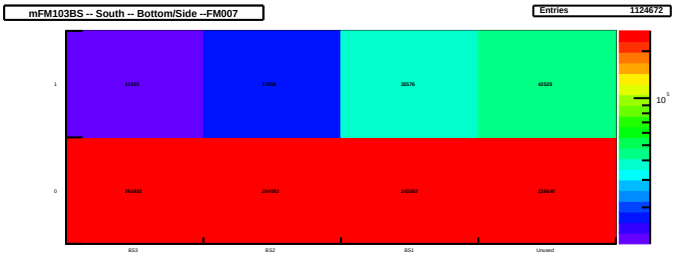
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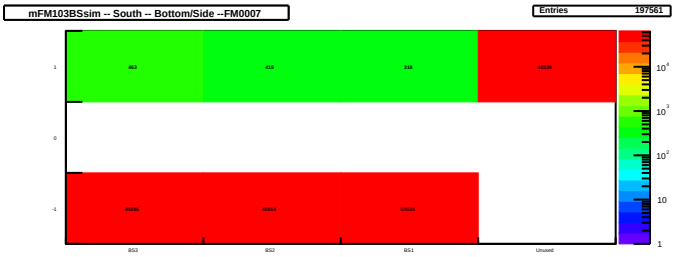
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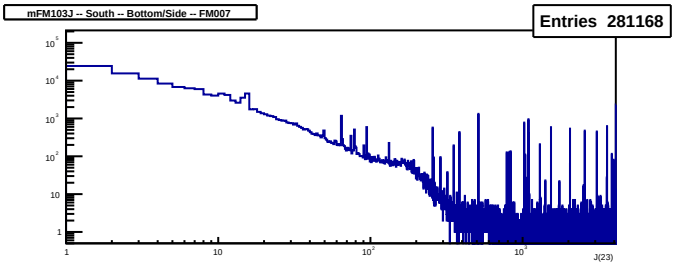
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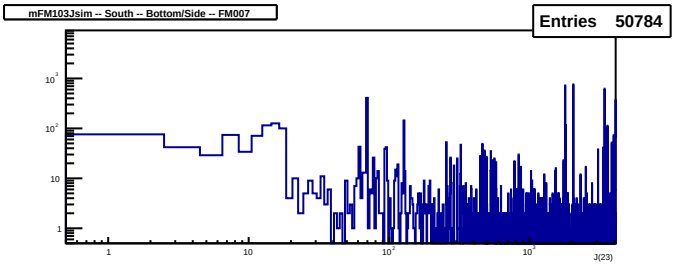
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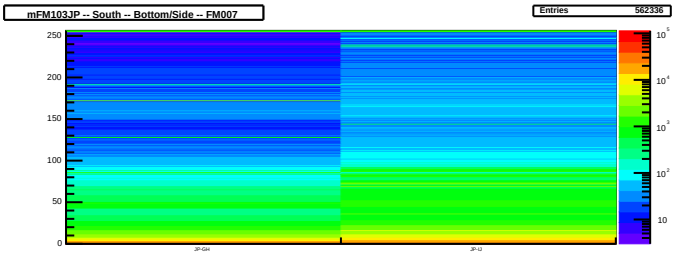
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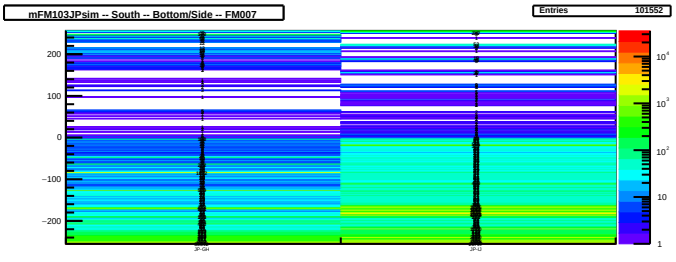
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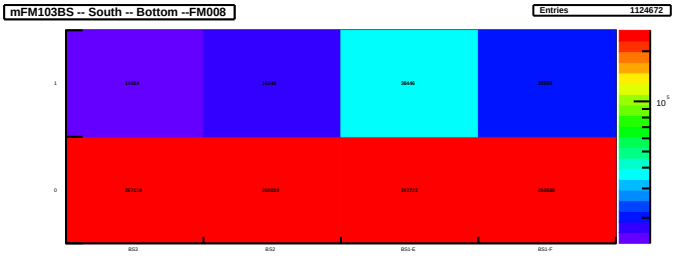
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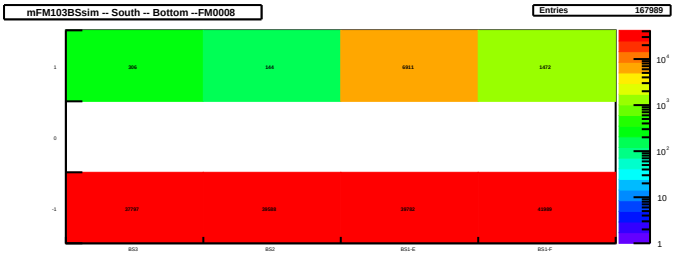
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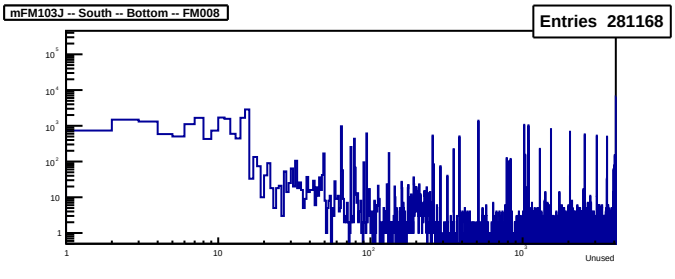
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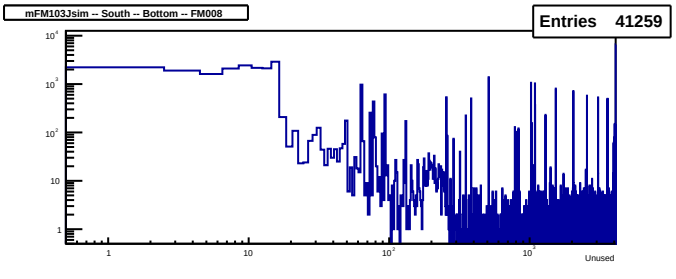
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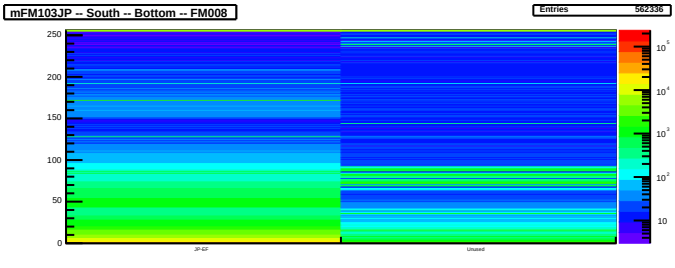
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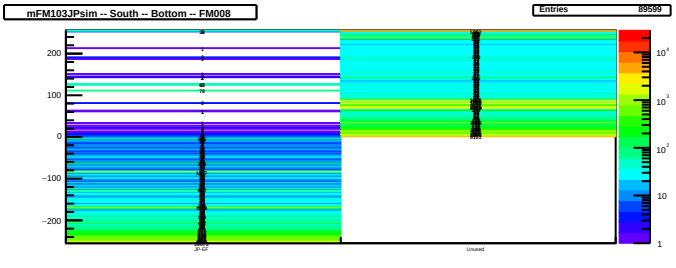
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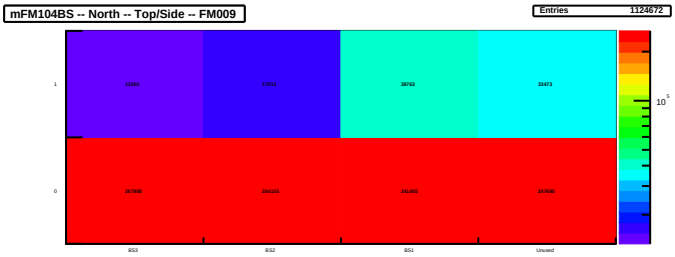
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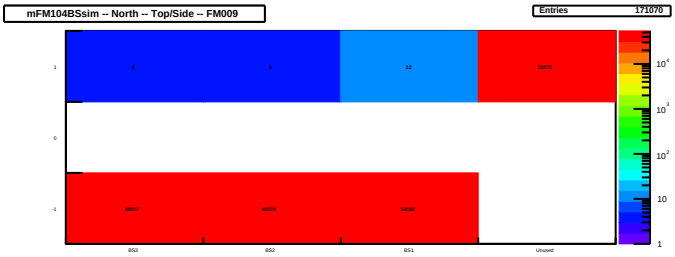
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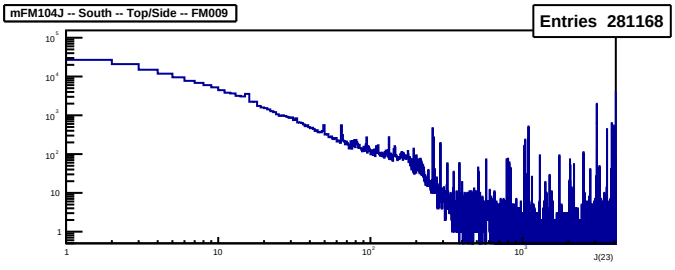
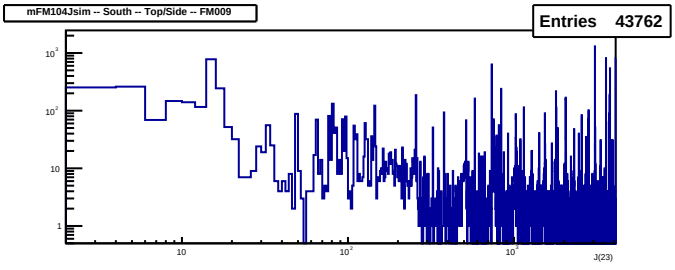
Entries 171070


mFM104J -- South -- Top/Side -- FM009
Entries 281168
J(23)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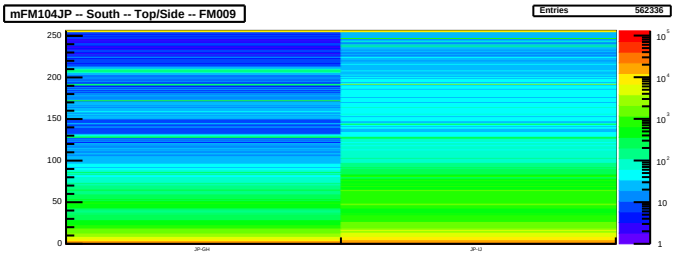
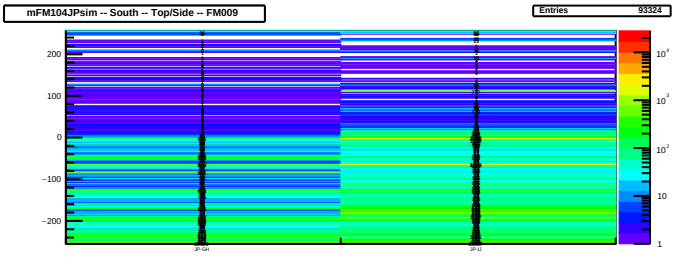
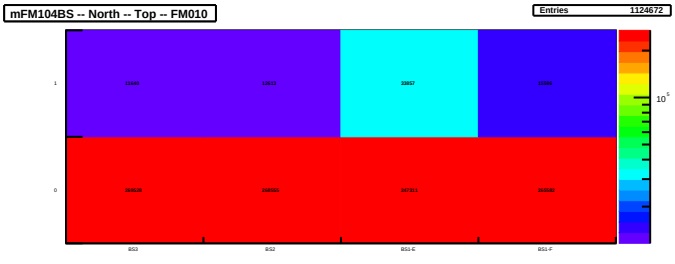
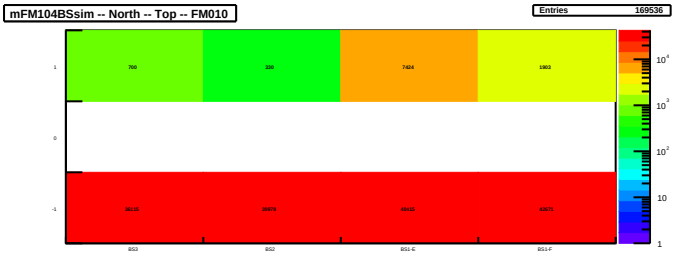
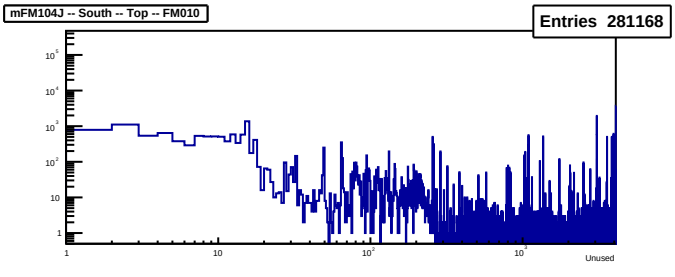
Entries 43762
J(23)

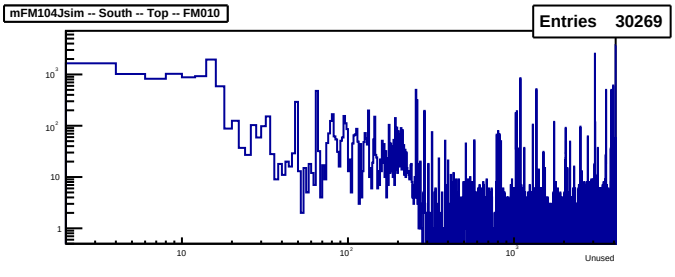

mFM104JP -- South -- Top/Side -- FM009
Entries 562336

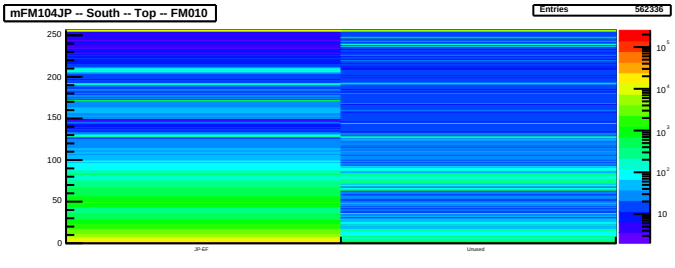

mFM104JPsim -- South -- Top/Side -- FM009
Entries 93324

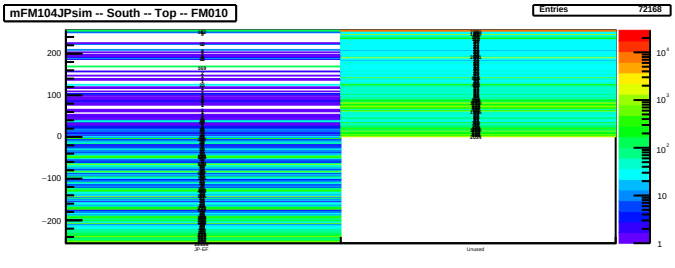

mFM104BS -- North -- Top -- FM010
Entries 1124672

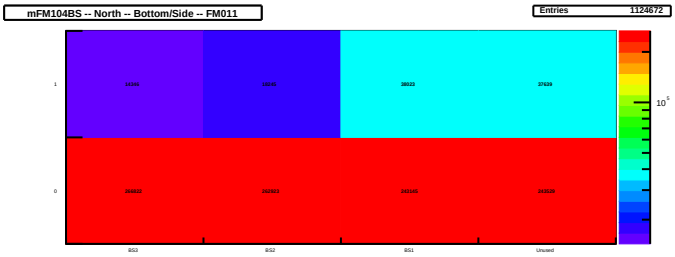

mFM104BSsim -- North -- Top -- FM010
Entries 169536

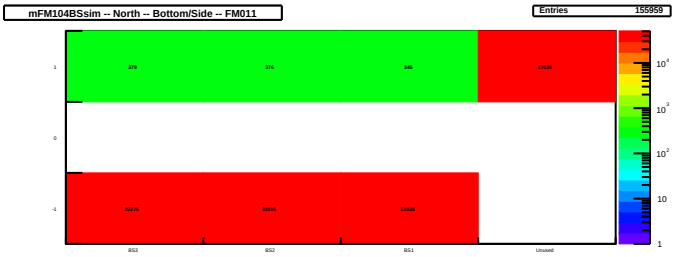

mFM104J -- South -- Top -- FM010
Entries 281168
Unused

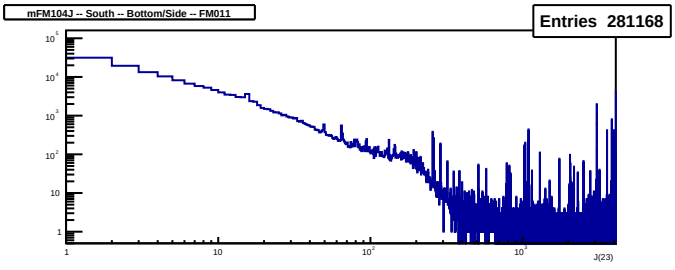

mFM104Jsim -- South -- Top -- FM010
Entries 30269
Unused

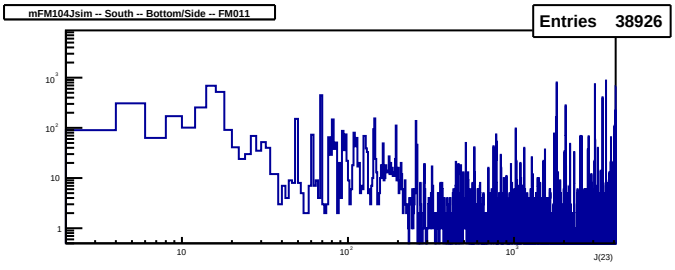

mFM104JP -- South -- Top -- FM010
Entries 562336

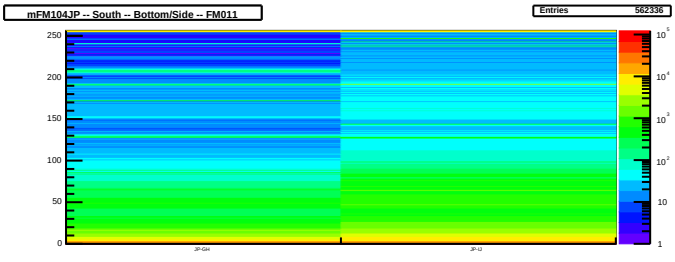

mFM104JPsim -- South -- Top -- FM010
Entries 72168

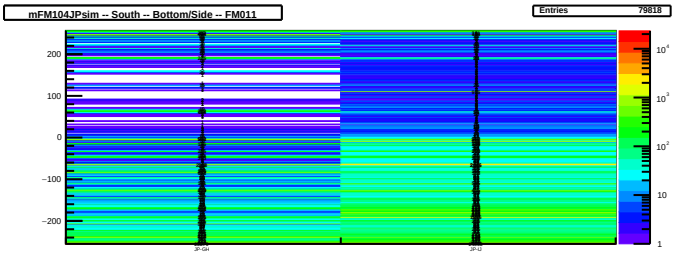

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1124672

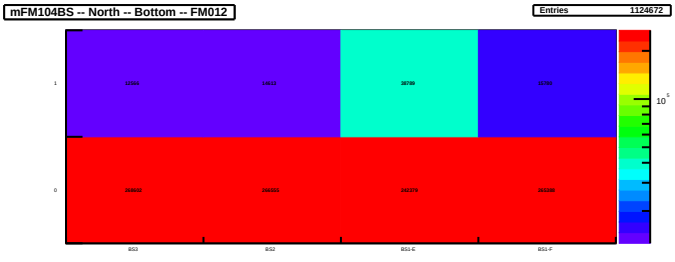

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 155959

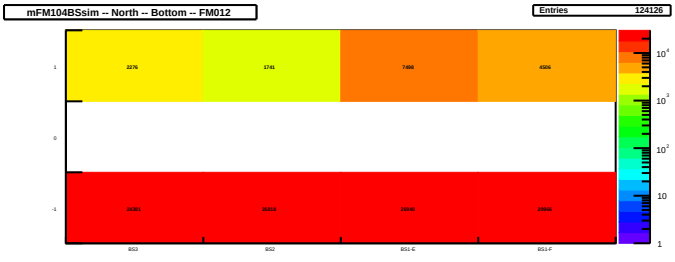

mFM104J -- South -- Bottom/Side -- FM011
Entries 281168
J(23)

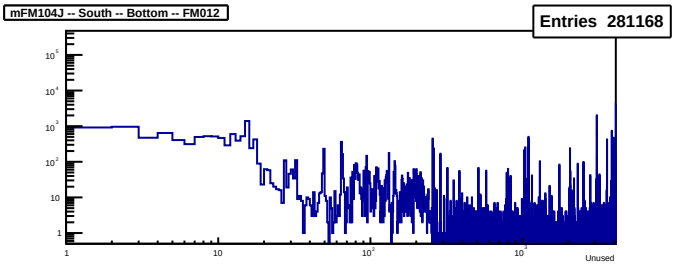

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 38926
J(23)

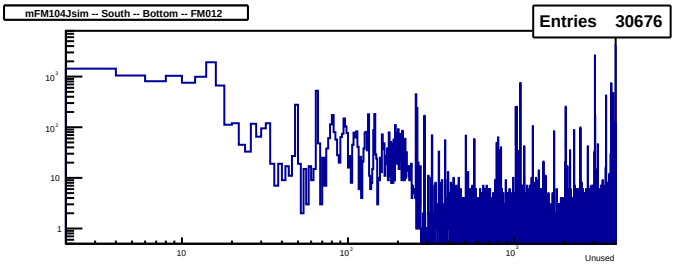

mFM104JP -- South -- Bottom/Side -- FM011
Entries 562336

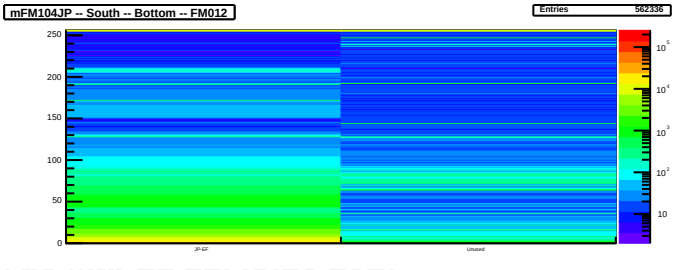

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 79818

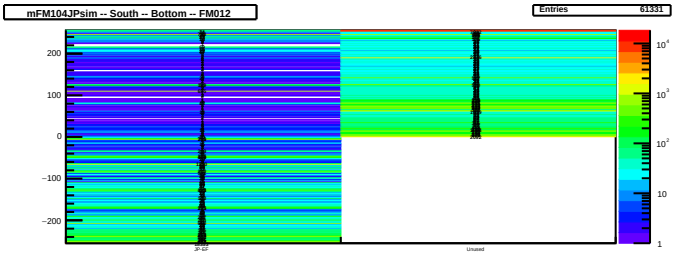

mFM104BS -- North -- Bottom -- FM012
Entries 1124672

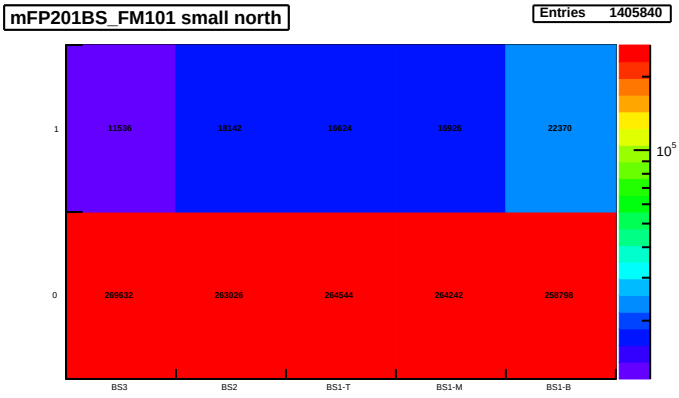

mFM104BSsim -- North -- Bottom -- FM012
Entries 124126

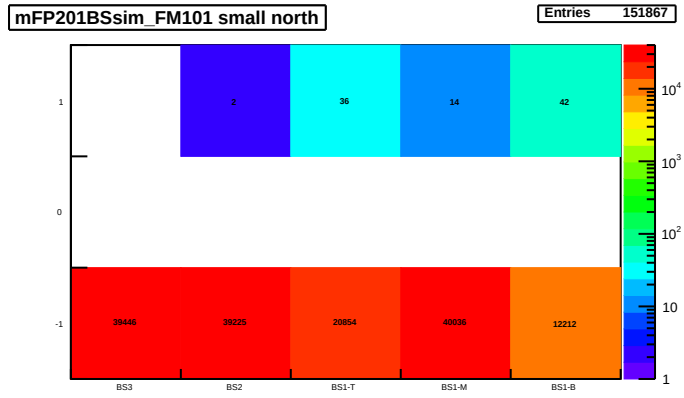

mFM104J -- South -- Bottom -- FM012
Entries 281168
Unused

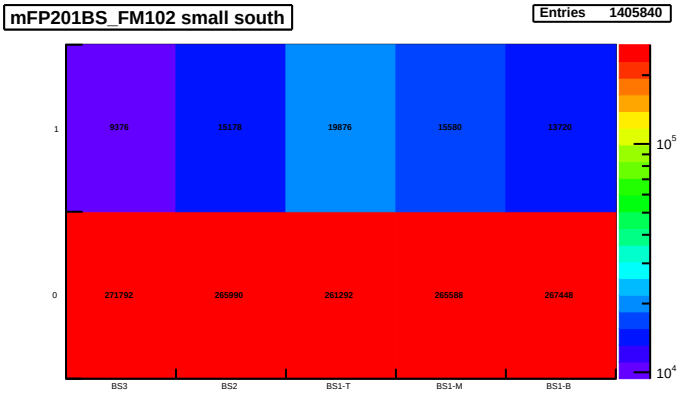

mFM104Jsim -- South -- Bottom -- FM012
Entries 30676
Unused

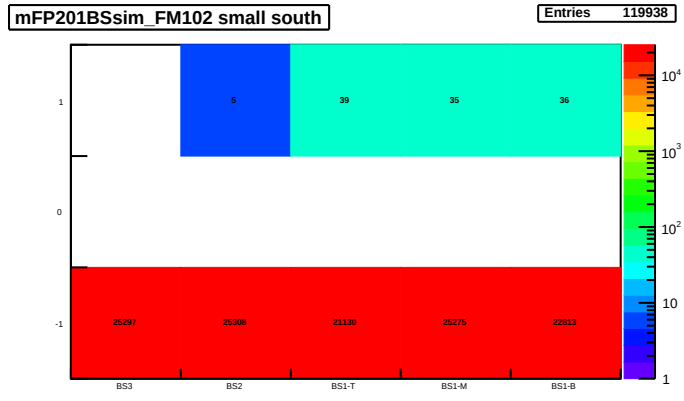

mFM104JP -- South -- Bottom -- FM012
Entries 562336

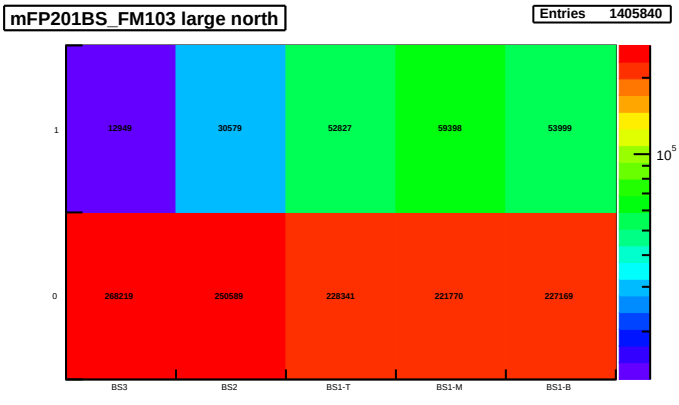

mFM104JPsim -- South -- Bottom -- FM012
Entries 61331

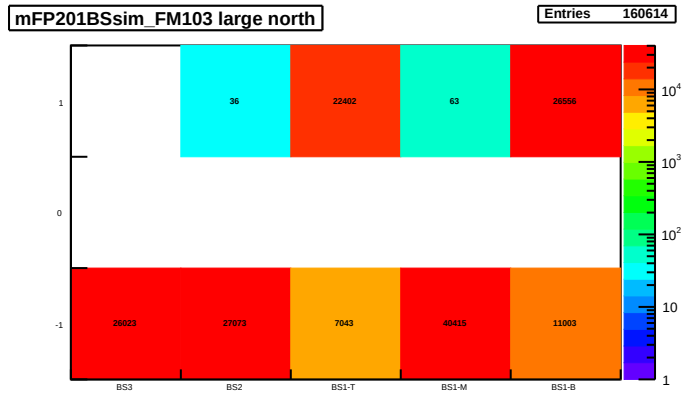

mFP201BS_FM101 small north
Entries 1405840
1
0
11536
18142
16624
16926
22370
269632
263026
264544
264242
258798
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5

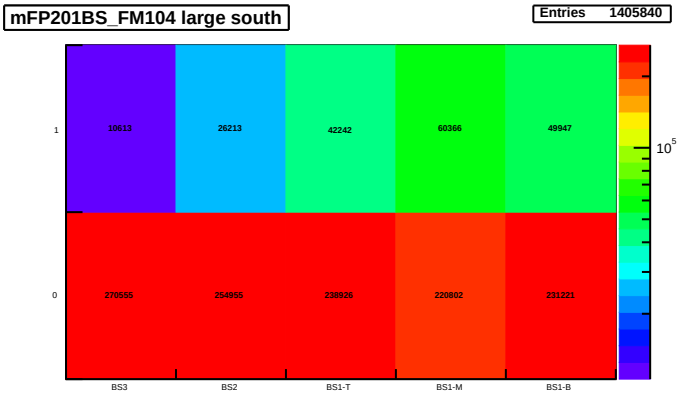

mFP201BSsim_FM101 small north
Entries 151867
1
0
-1
2
36
14
42
39446
39225
20854
40036
12212
BS3
BS2
BS1-T
BS1-M
BS1-B
10^4
10^3
10^2
10
1

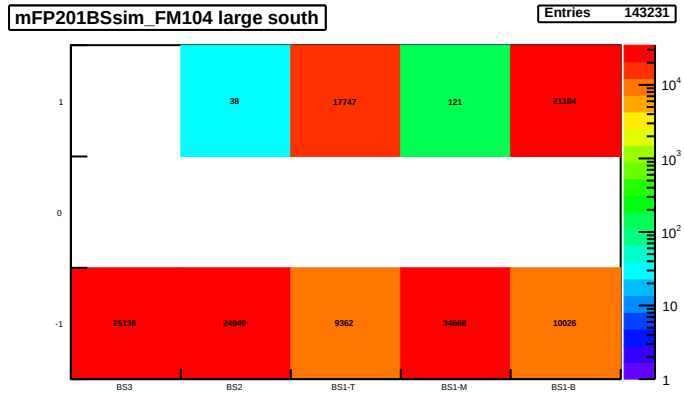

mFP201BS_FM102 small south
Entries 1405840
1
0
9376
15178
19876
15580
13720
271792
265990
261292
265588
267448
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4

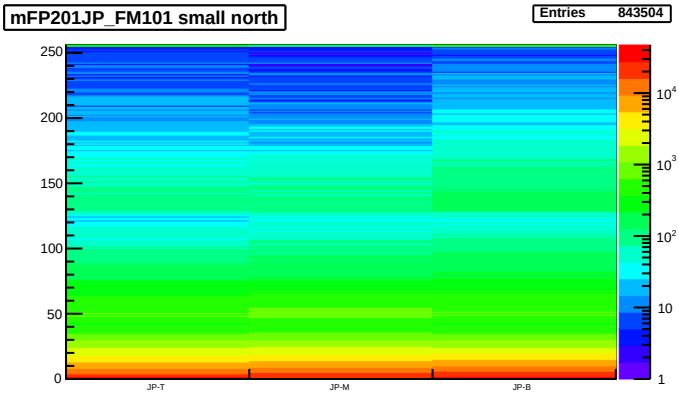

mFP201BSsim_FM102 small south
Entries 119938
1
0
-1
5
39
35
36
25297
25308
21130
25275
22813
BS3
BS2
BS1-T
BS1-M
BS1-B
10^4
10^3
10^2
10
1

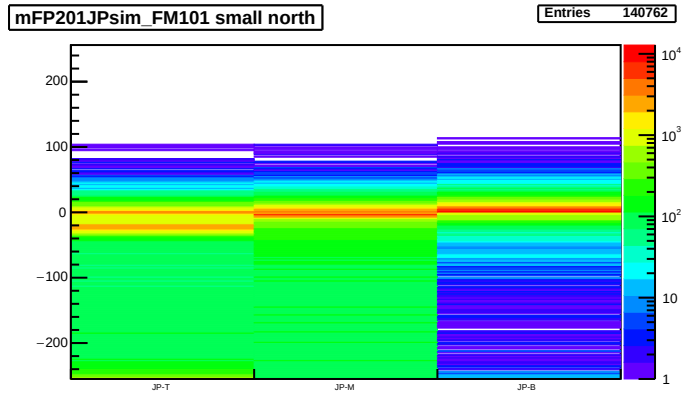

mFP201BS_FM103 large north
Entries 1405840
1
0
12949
30579
52827
59398
53999
268219
250589
228341
221770
227169
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5

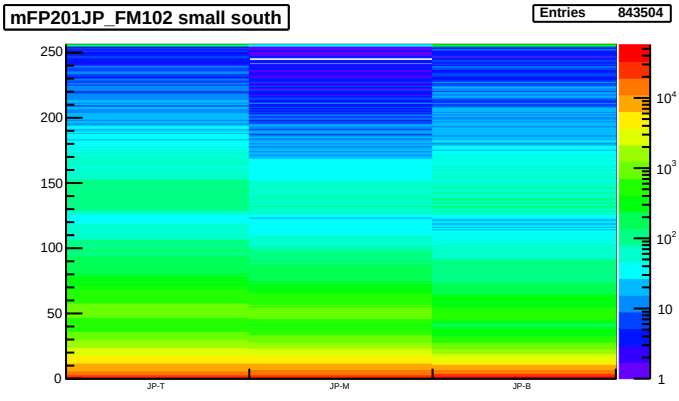

mFP201BSsim_FM103 large north
Entries 160614
1
0
-1
36
22402
63
26556
26023
27073
7043
40415
11003
BS3
BS2
BS1-T
BS1-M
BS1-B
10^4
10^3
10^2
10
1

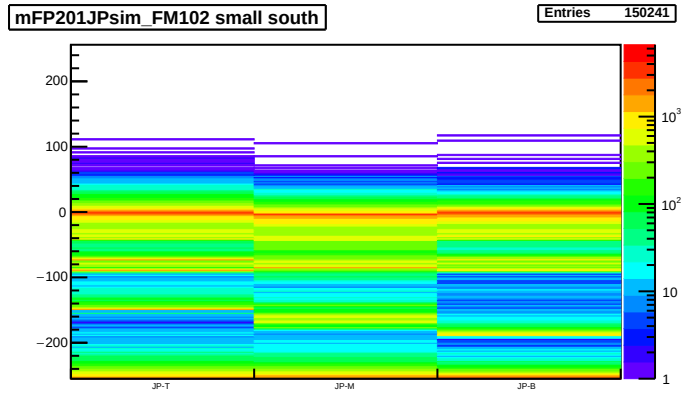

mFP201BS_FM104 large south
Entries 1405840
1
0
10613
26213
42242
60366
49947
270555
254955
238926
220802
231221
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5

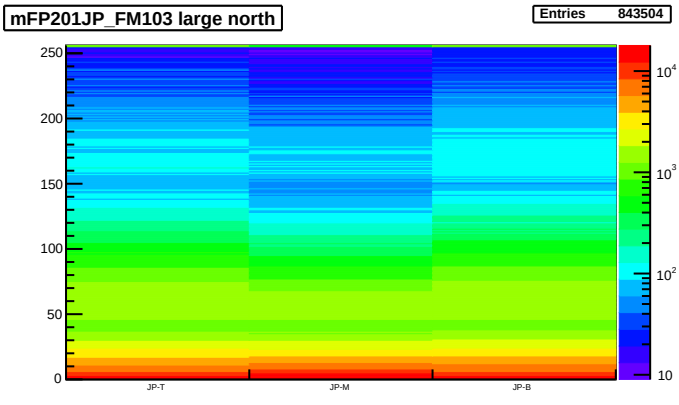

mFP201BSsim_FM104 large south
Entries 143231
1
0
-1
38
17747
121
21184
25136
24949
9362
34668
10026
BS3
BS2
BS1-T
BS1-M
BS1-B
10^4
10^3
10^2
10
1

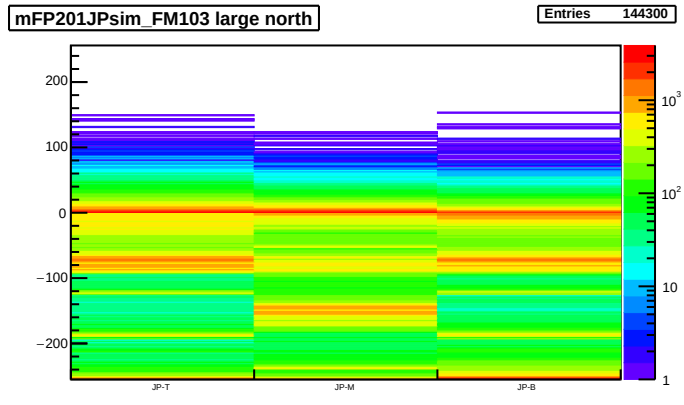

mFP201JP_FM101 small north
Entries 843504
JP-T
JP-M
JP-B

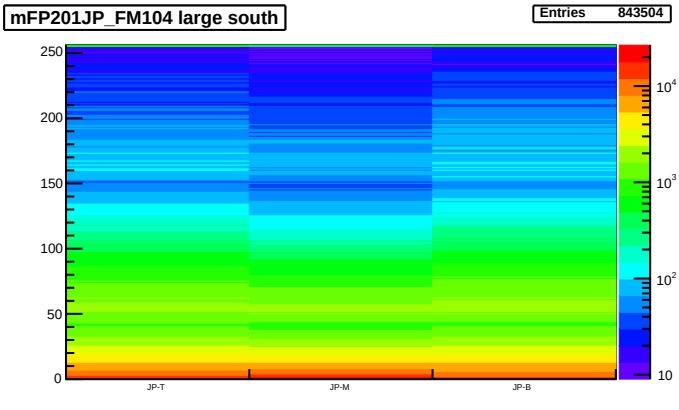

mFP201JPsim_FM101 small north
Entries 140762
JP-T
JP-M
JP-B

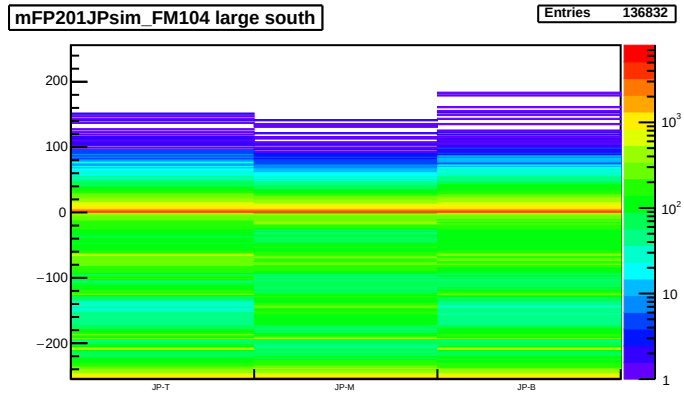

mFP201JP_FM102 small south
Entries 843504
JP-T
JP-M
JP-B

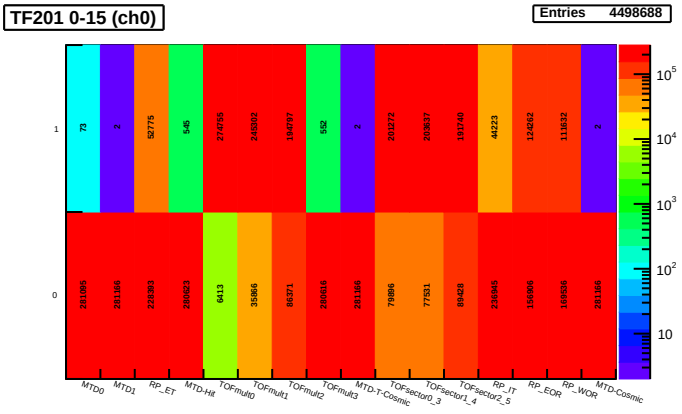

mFP201JPsim_FM102 small south
Entries 150241
JP-T
JP-M
JP-B

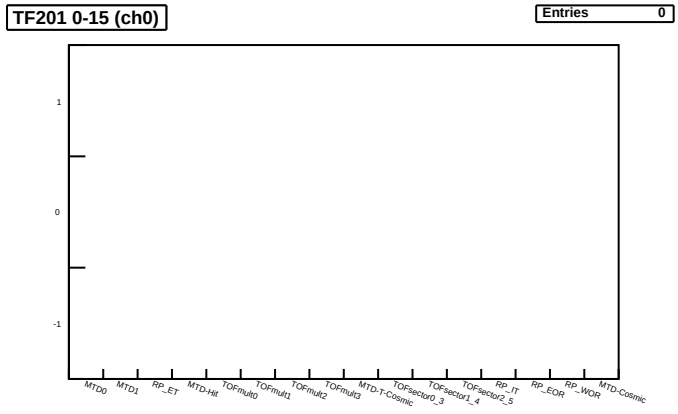

mFP201JP_FM103 large north
Entries 843504
JP-T
JP-M
JP-B

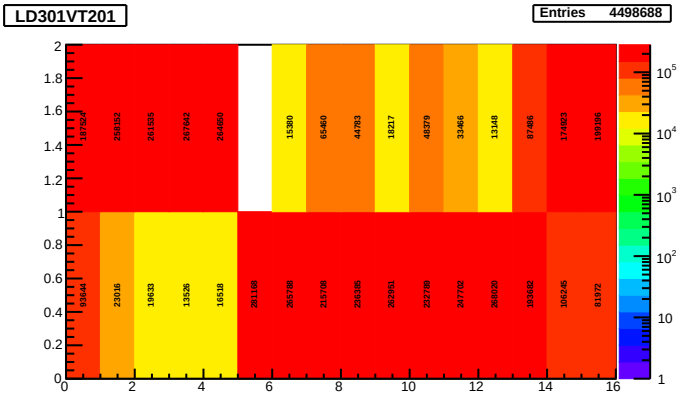

mFP201JPsim_FM103 large north
Entries 144300
JP-T
JP-M
JP-B

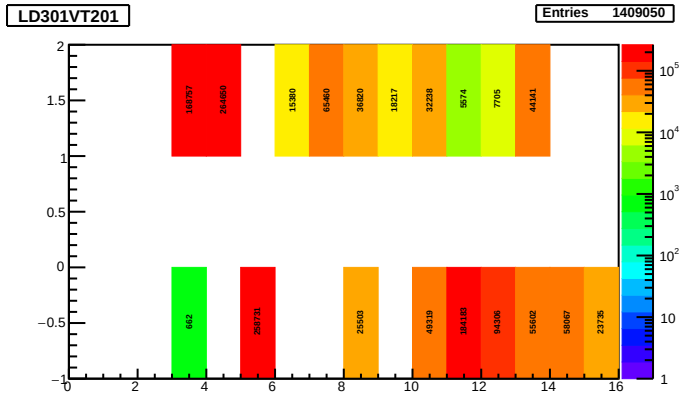

mFP201JP_FM104 large south
Entries 843504
JP-T
JP-M
JP-B

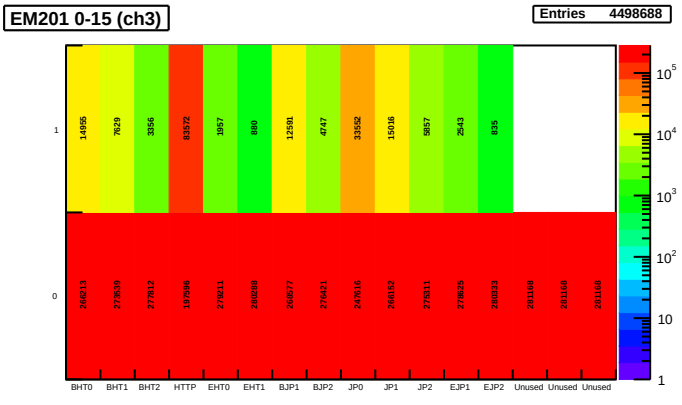

mFP201JPsim_FM104 large south
Entries 136832
JP-T
JP-M
JP-B

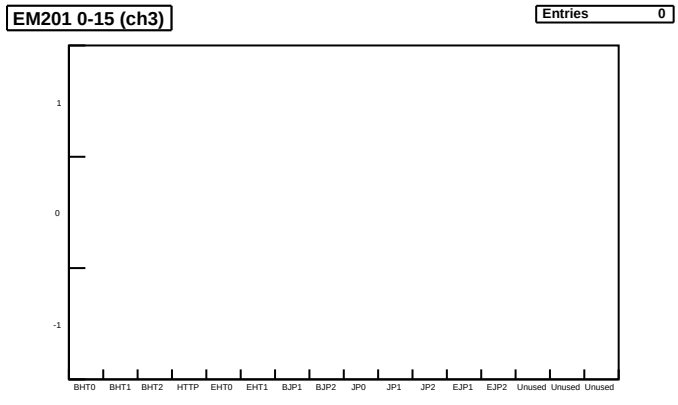

TF201 0-15 (ch0)
Entries 4498688
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

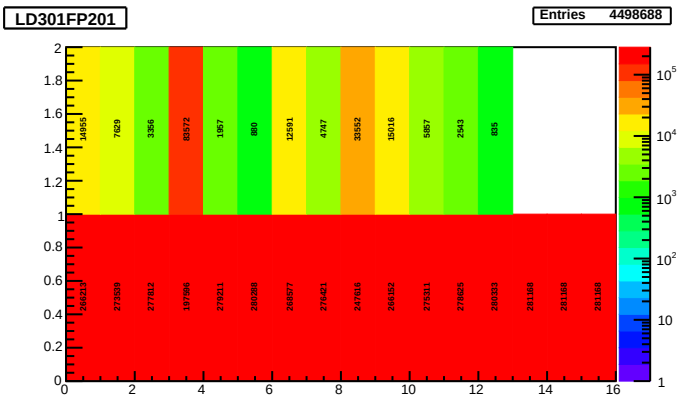

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

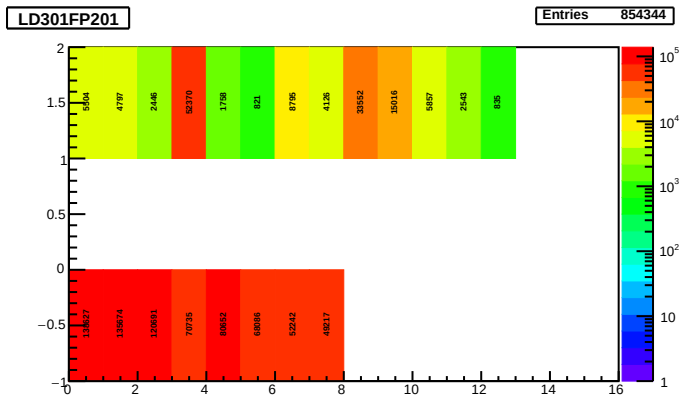

LD301VT201
Entries 4498688


LD301VT201
Entries 1409050


EM201 0-15 (ch3)
Entries 4498688
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 4498688


LD301FP201
Entries 854344